

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072120\
 Data File : VD065976.D
 Acq On : 21 Jul 2020 12:10
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 21 12:29:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:03:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	353803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	515136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	464298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231502	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	427352	148.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.58%	
35) Dibromofluoromethane	7.92	113	454205	146.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.52%	
50) Toluene-d8	10.34	98	1692698	146.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.62%	
62) 4-Bromofluorobenzene	12.64	95	582806	142.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	370750	130.254	ug/l	95
3) Chloromethane	2.21	50	326635	145.311	ug/l	99
4) Vinyl Chloride	2.35	62	308331	142.065	ug/l	99
5) Bromomethane	2.74	94	205349	110.671	ug/l	95
6) Chloroethane	2.91	64	186624	142.688	ug/l	96
7) Trichlorofluoromethane	3.27	101	757810	145.091	ug/l	99
8) Diethyl Ether	3.71	74	220741	164.180	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	457631	147.768	ug/l	99
10) Methyl Iodide	4.30	142	552307	326.458	ug/l	99
11) Tert butyl alcohol	5.23	59	130064	532.322	ug/l #	85
12) 1,1-Dichloroethene	4.06	96	445928	151.670	ug/l	95
13) Acrolein	3.93	56	198341	840.116	ug/l	100
14) Allyl chloride	4.71	41	724996	160.647	ug/l	99
15) Acrylonitrile	5.43	53	482108	835.575	ug/l	98
16) Acetone	4.16	43	450236	774.182	ug/l	92
17) Carbon Disulfide	4.41	76	1436208	149.579	ug/l	99
18) Methyl Acetate	4.71	43	207568	155.151	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	988257	171.373	ug/l	98
20) Methylene Chloride	4.96	84	470760	117.330	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	507021	152.686	ug/l	95
22) Diisopropyl ether	6.36	45	1371158	160.490	ug/l	100
23) Vinyl Acetate	6.31	43	4060435	866.113	ug/l	97
24) 1,1-Dichloroethane	6.27	63	815157	152.538	ug/l	99
25) 2-Butanone	7.21	43	609593	794.962	ug/l	98
26) 2,2-Dichloropropane	7.21	77	714722	145.717	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	544628	156.526	ug/l	99
28) Bromochloromethane	7.54	49	318212	144.223	ug/l	98
29) Tetrahydrofuran	7.56	42	388719	830.806	ug/l	99
30) Chloroform	7.71	83	840137	151.582	ug/l	99
31) Cyclohexane	7.98	56	753597	140.515	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	779118	150.238	ug/l	100
36) 1,1-Dichloropropene	8.11	75	673170	150.485	ug/l	98
37) Ethyl Acetate	7.29	43	270122	157.413	ug/l	98
38) Carbon Tetrachloride	8.10	117	720821	151.927	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	837970	158.173	ug/l	97
40) Benzene	8.36	78	1855872	149.575	ug/l	97
41) Methacrylonitrile	7.56	41	380302	296.446	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	522457	153.206	ug/l	100
43) Isopropyl Acetate	8.46	43	543075	171.941	ug/l	97
44) Trichloroethene	9.11	130	569204	152.495	ug/l	97
45) 1,2-Dichloropropane	9.39	63	457832	153.869	ug/l	98
46) Dibromomethane	9.48	93	250885	154.058	ug/l	99
47) Bromodichloromethane	9.67	83	647948	151.825	ug/l	99
48) Methyl methacrylate	9.46	41	257522	156.539	ug/l	92
49) 1,4-Dioxane	9.47	88	60208	3344.623	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	1308979	811.634	ug/l	100
52) Toluene	10.41	92	1216565	152.266	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	639233	169.446	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	760270	162.826	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	345717	154.255	ug/l	95
56) Ethyl methacrylate	10.67	69	443283	175.992	ug/l	96
57) 1,3-Dichloropropane	10.95	76	591504	158.637	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	897739	730.242	ug/l	100
59) 2-Hexanone	10.99	43	919151	829.381	ug/l	96
60) Dibromochloromethane	11.14	129	473609	156.391	ug/l	100
61) 1,2-Dibromoethane	11.25	107	345243	159.261	ug/l	100
64) Tetrachloroethene	10.88	164	481441	151.678	ug/l	98
65) Chlorobenzene	11.67	112	1291799	150.823	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	483757	152.650	ug/l	100
67) Ethyl Benzene	11.75	91	2286821	155.670	ug/l	99
68) m/p-Xylenes	11.86	106	1757736	309.405	ug/l	99
69) o-Xylene	12.18	106	810504	160.262	ug/l	98
70) Styrene	12.20	104	1399862	159.908	ug/l	100
71) Bromoform	12.37	173	293022	164.525	ug/l #	100
73) Isopropylbenzene	12.48	105	2216802	159.877	ug/l	100
74) N-amyl acetate	12.29	43	498514	178.752	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	363856	158.657	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	479126	232.862	ug/l #	100
77) Bromobenzene	12.77	156	560724	156.657	ug/l	98
78) n-propylbenzene	12.83	91	2548628	156.869	ug/l	99
79) 2-Chlorotoluene	12.91	91	1455161	156.901	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	1821707	157.726	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	129430	176.507	ug/l	98
82) 4-Chlorotoluene	13.01	91	1516658	153.944	ug/l	100
83) tert-Butylbenzene	13.23	119	1621586	161.667	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	1783294	157.421	ug/l	100
85) sec-Butylbenzene	13.41	105	2198969	158.560	ug/l	99
86) p-Isopropyltoluene	13.52	119	1983947	158.873	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	1003139	148.457	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	1018981	150.462	ug/l	98
89) n-Butylbenzene	13.85	91	1866263	161.575	ug/l	100
90) Hexachloroethane	14.12	117	404325	157.728	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	903149	156.103	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	60955	166.846	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:03:13 2020
Response via : Initial Calibration

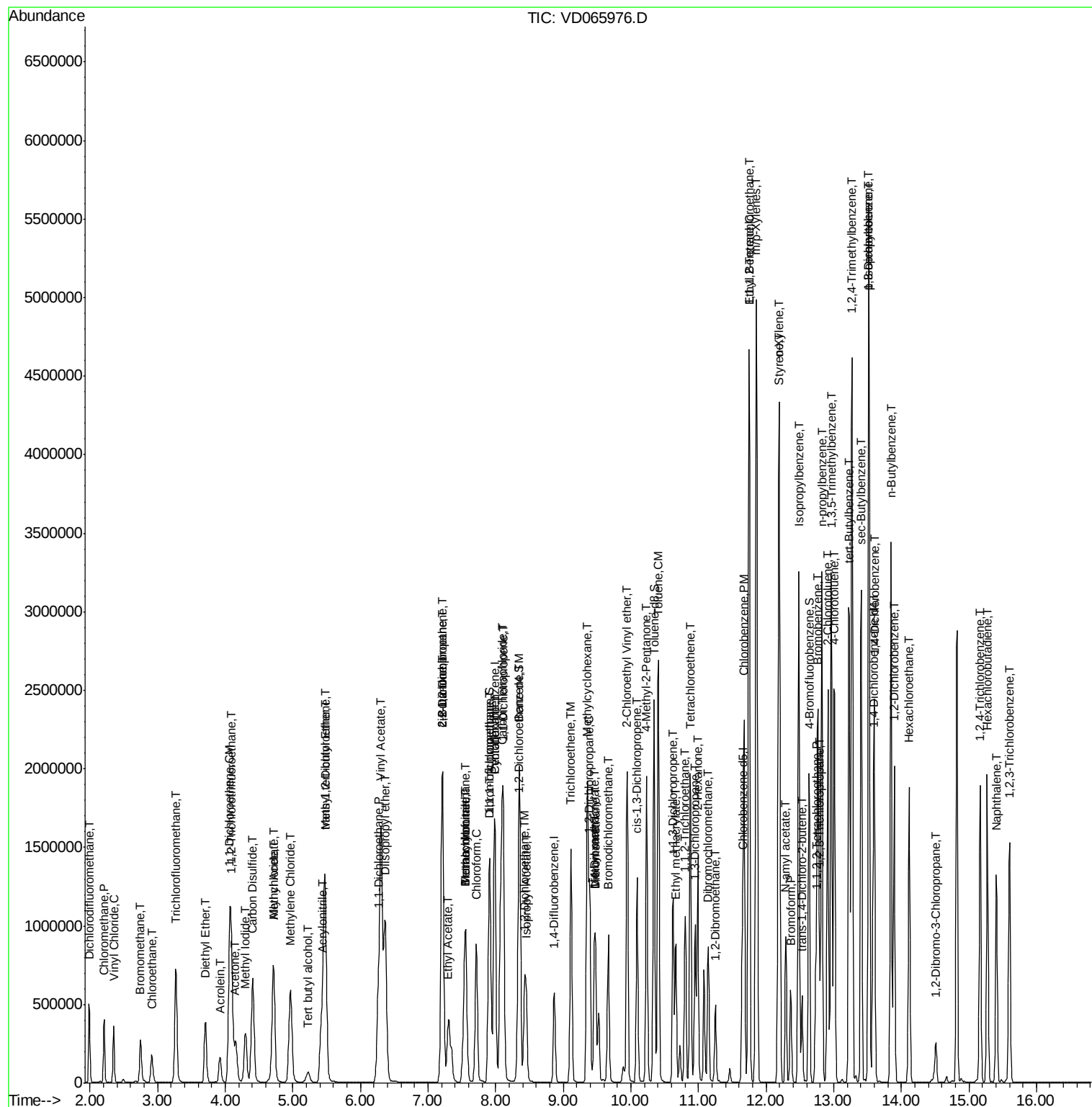
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	672321	167.232	ug/l	99
94) Hexachlorobutadiene	15.27	225	395440	157.084	ug/l	99
95) Naphthalene	15.41	128	1182280	192.590	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	583275	165.779	ug/l	99

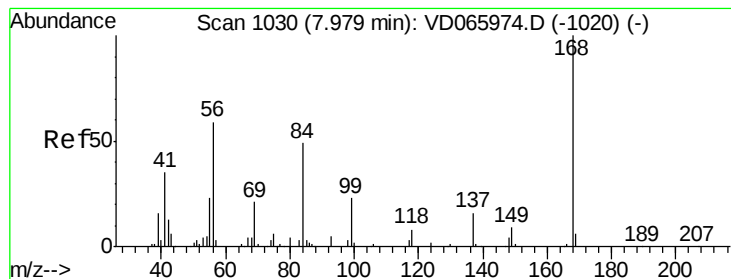
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VD065976.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

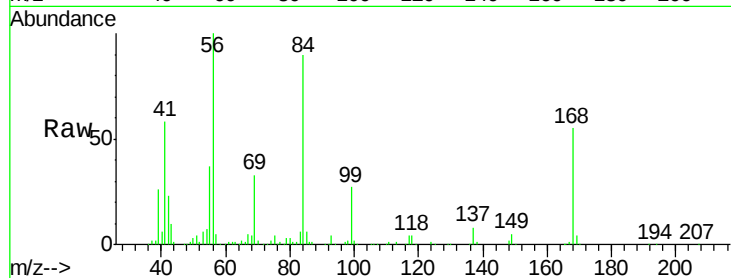
VSTDIC150

Tgt Ion:168 Resp: 353803

Ion Ratio Lower Upper

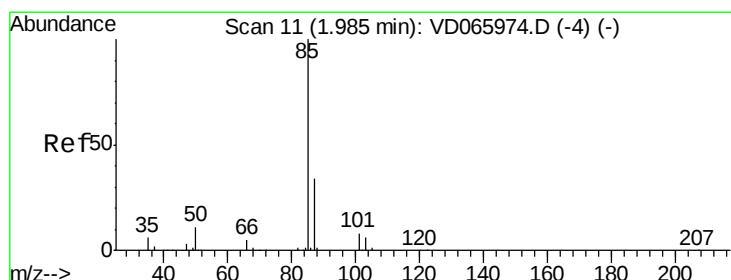
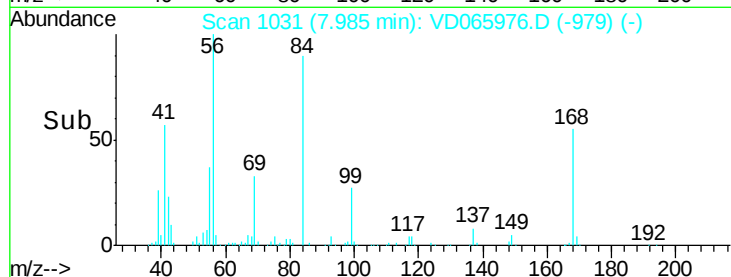
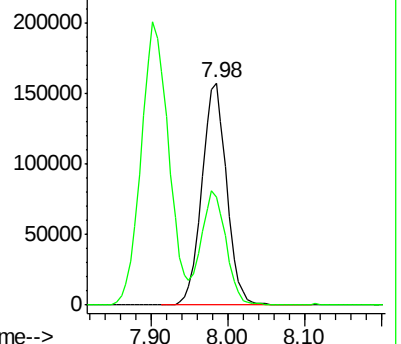
168 100

99 48.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 130.254 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065976.D

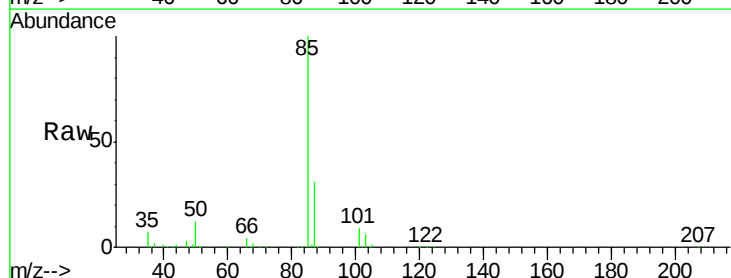
Acq: 21 Jul 2020 12:10

Tgt Ion: 85 Resp: 370750

Ion Ratio Lower Upper

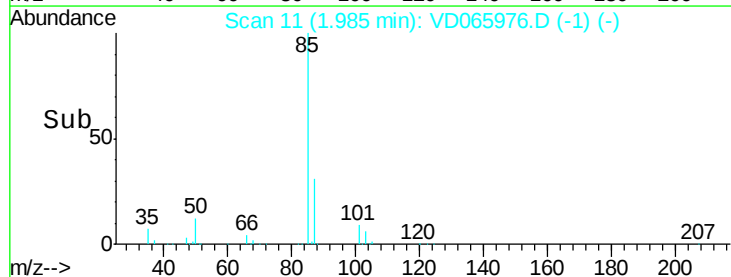
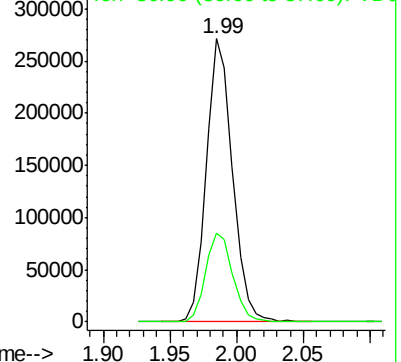
85 100

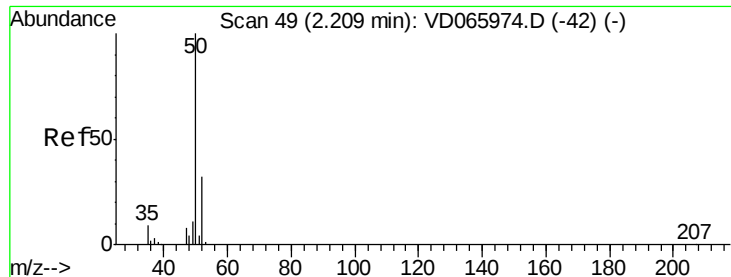
87 31.5 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 145.311 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

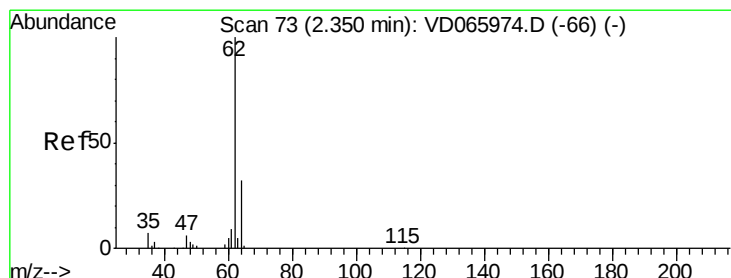
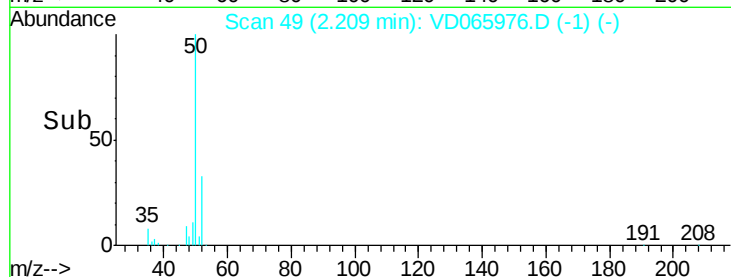
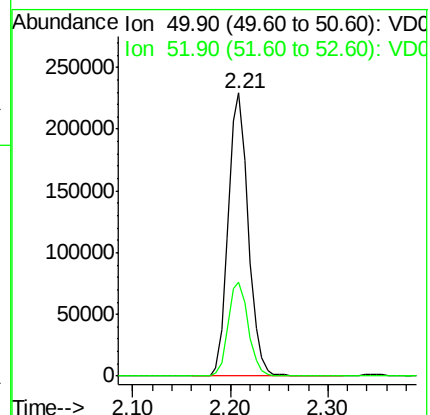
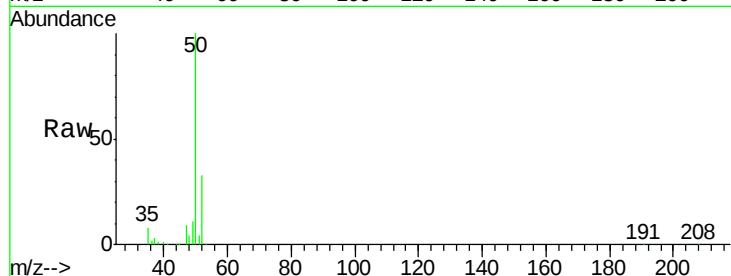
VSTDIC150

Tgt Ion: 50 Resp: 326635

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.8



#4

Vinyl Chloride

Concen: 142.065 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065976.D

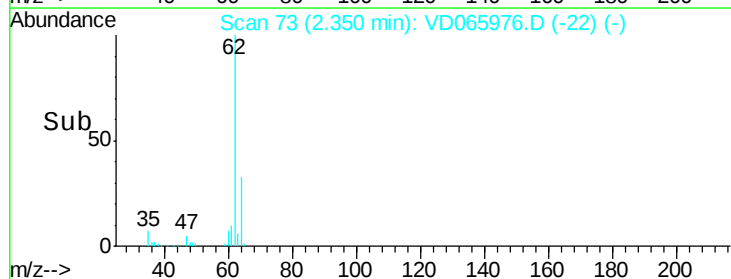
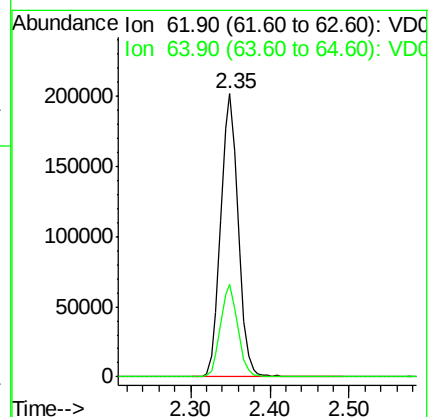
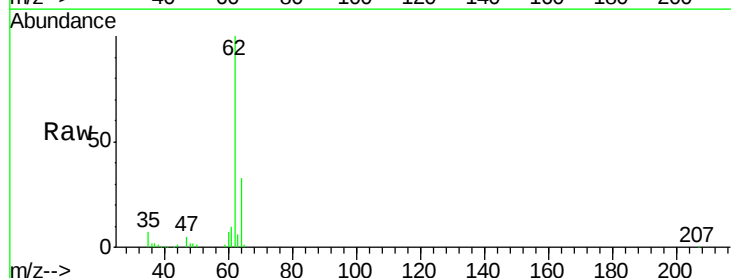
Acq: 21 Jul 2020 12:10

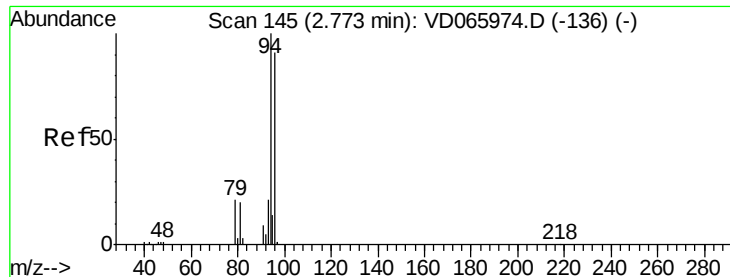
Tgt Ion: 62 Resp: 308331

Ion Ratio Lower Upper

62 100

64 32.8 25.8 38.8





#5

Bromomethane

Concen: 110.671 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.03 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

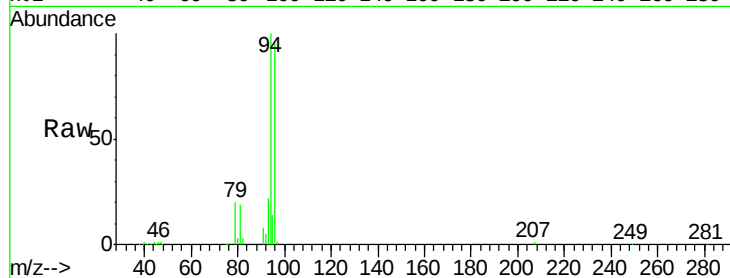
VSTDIC150

Tgt Ion: 94 Resp: 205349

Ion Ratio Lower Upper

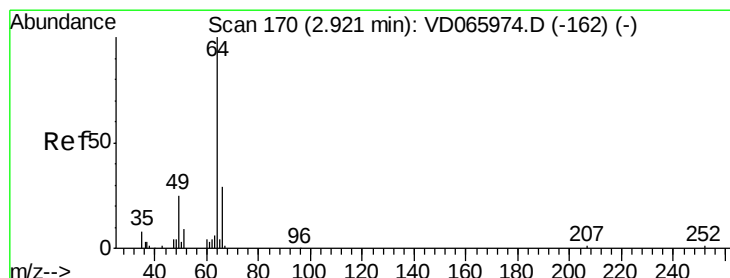
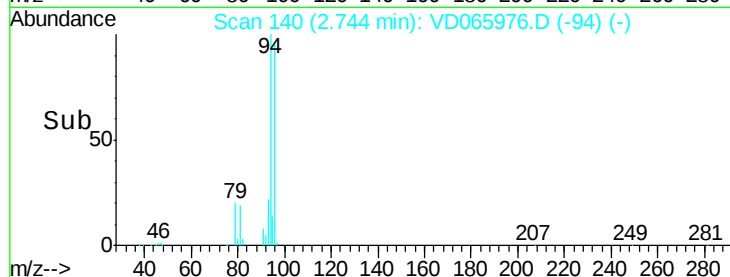
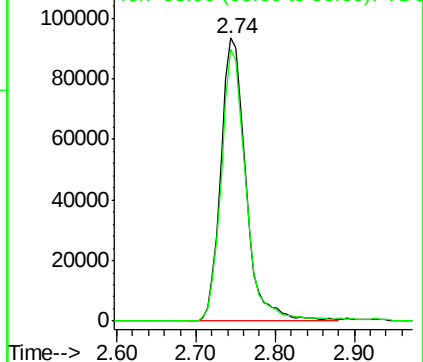
94 100

96 95.9 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 142.688 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065976.D

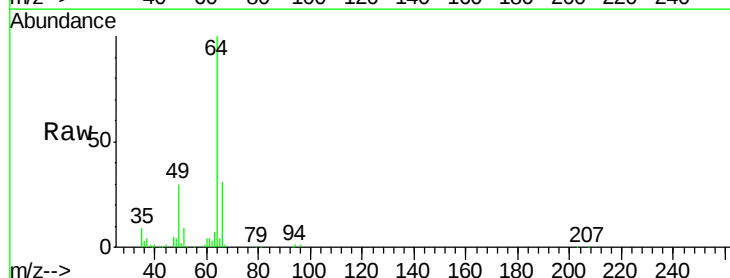
Acq: 21 Jul 2020 12:10

Tgt Ion: 64 Resp: 186624

Ion Ratio Lower Upper

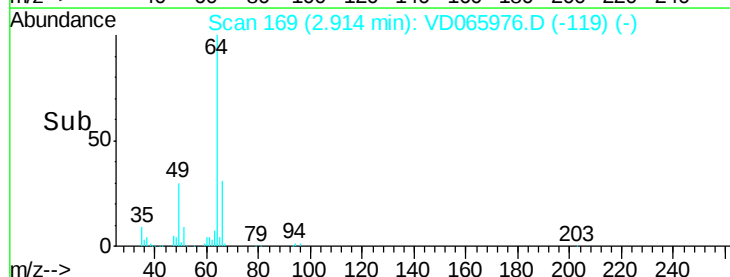
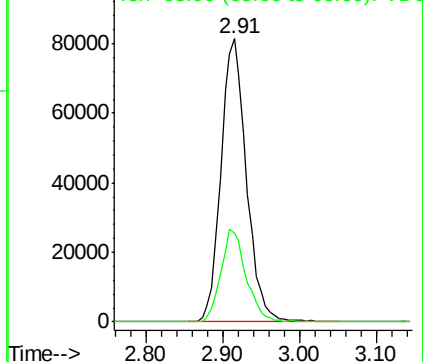
64 100

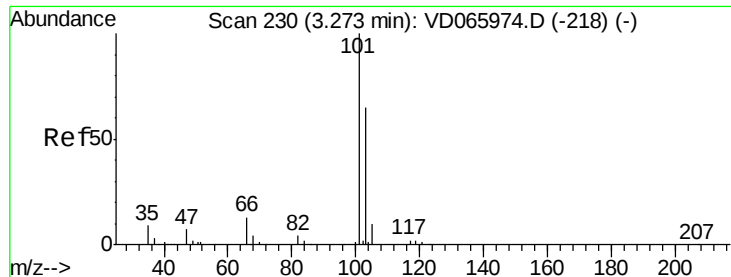
66 31.3 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



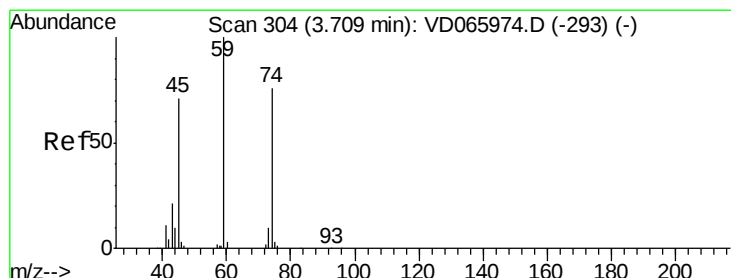
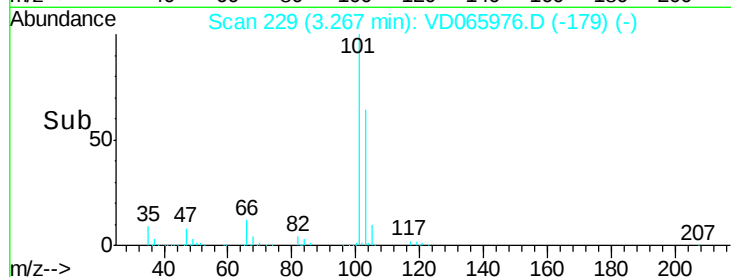
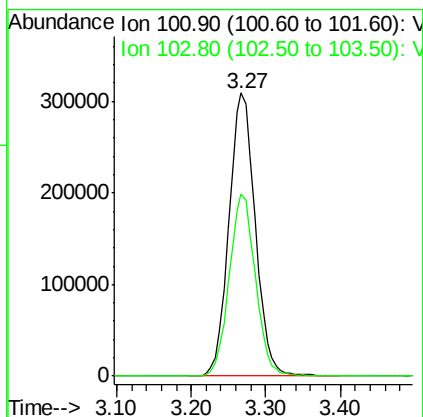
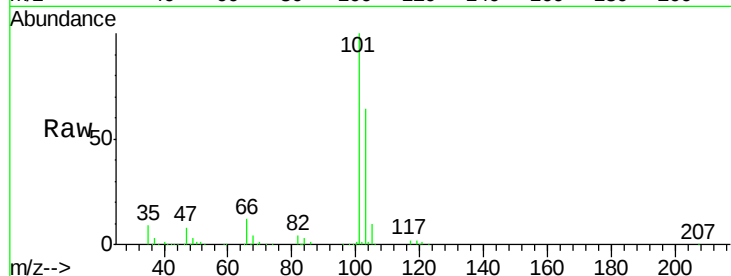


#7

Trichlorofluoromethane
Concen: 145.091 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
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VSTDIC150

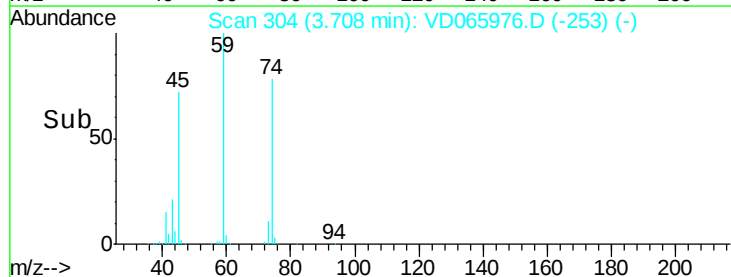
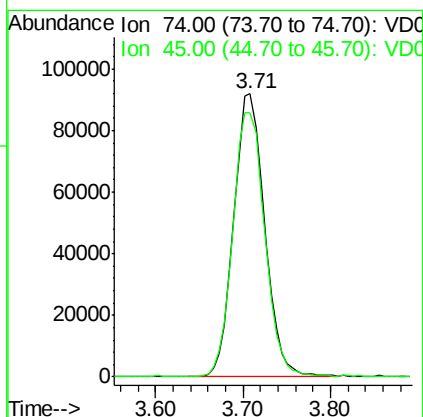
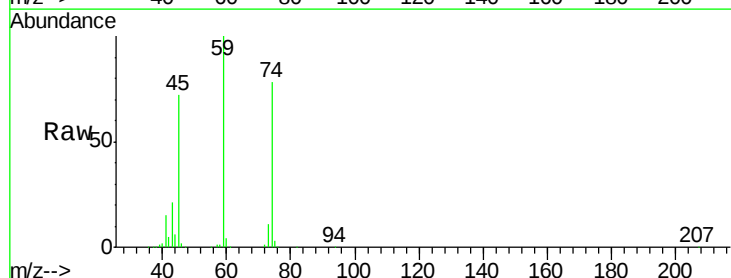
Tgt Ion: 101 Resp: 757810
Ion Ratio Lower Upper
101 100
103 64.3 52.1 78.1

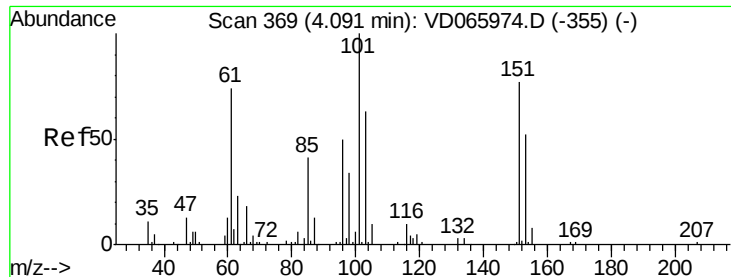


#8

Diethyl Ether
Concen: 164.180 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion: 74 Resp: 220741
Ion Ratio Lower Upper
74 100
45 96.9 49.9 149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 147.768 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

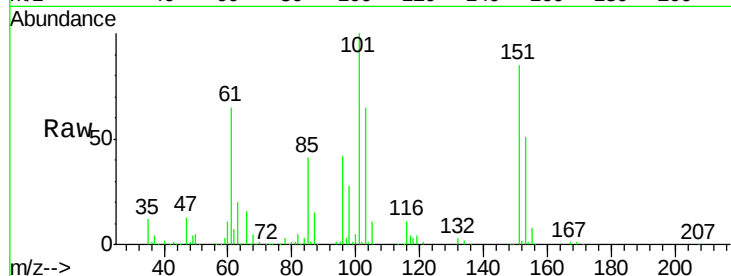
Tgt Ion:101 Resp: 457631

Ion Ratio Lower Upper

101 100

85 41.9 33.6 50.4

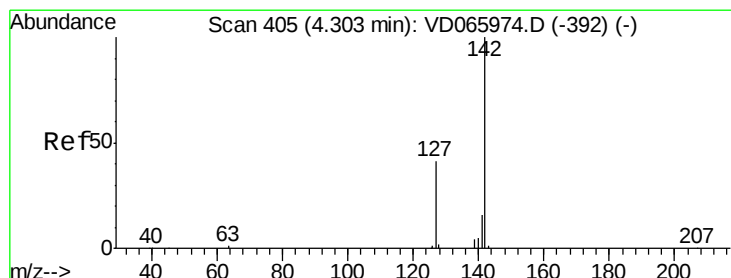
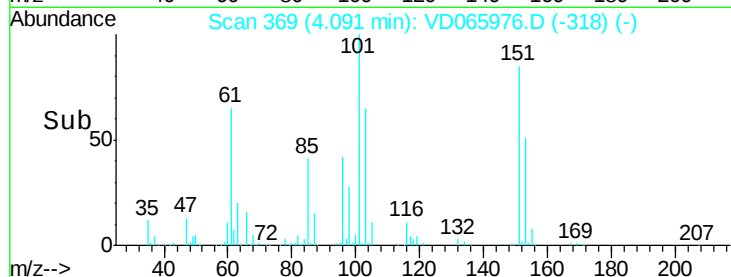
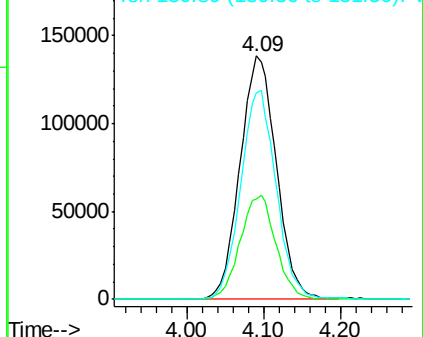
151 83.9 66.6 99.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 326.458 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

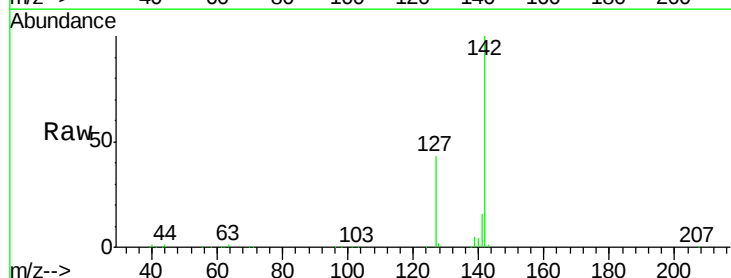
Tgt Ion:142 Resp: 552307

Ion Ratio Lower Upper

142 100

127 41.8 32.9 49.3

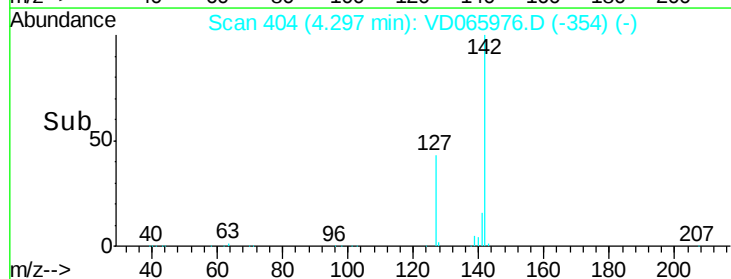
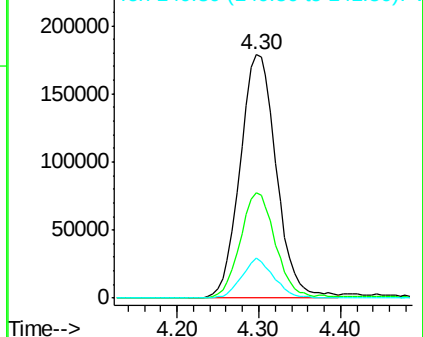
141 14.6 11.8 17.6

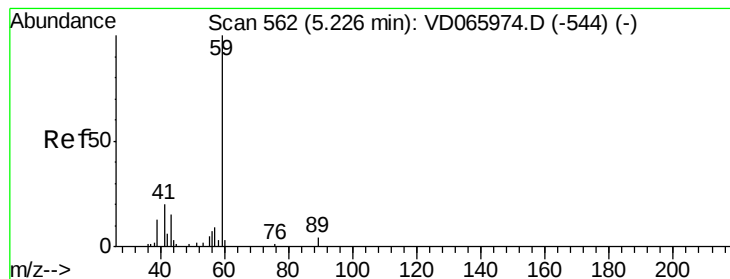


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 532.322 ug/l

RT: 5.23 min Scan# 562

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

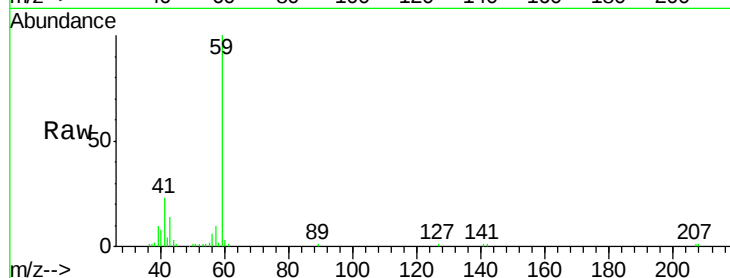
VSTDIC150

Tgt Ion: 59 Resp: 130064

Ion Ratio Lower Upper

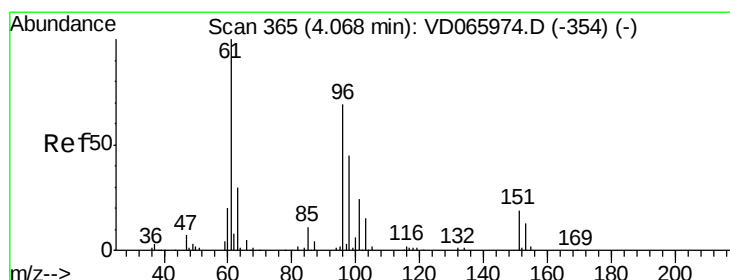
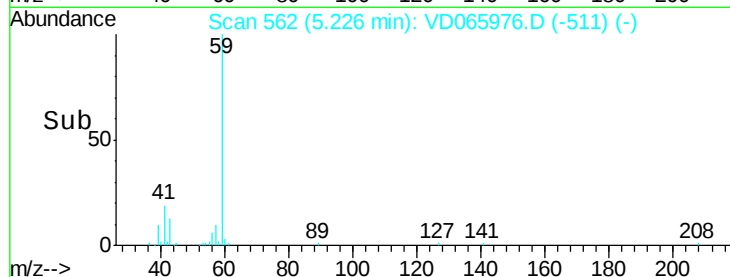
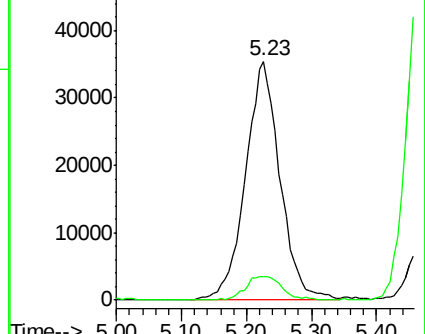
59 100

57 10.5 4.5 6.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 151.670 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

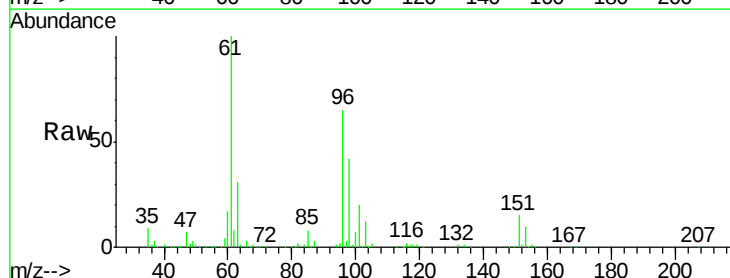
Tgt Ion: 96 Resp: 445928

Ion Ratio Lower Upper

96 100

61 154.0 115.4 173.0

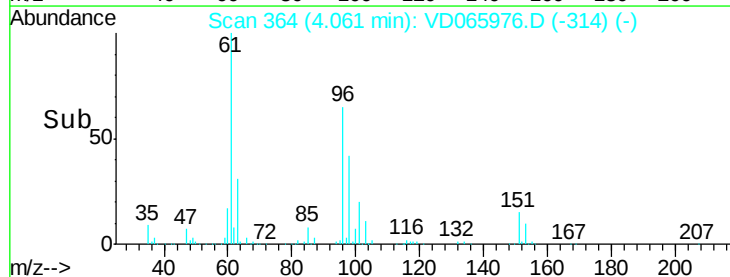
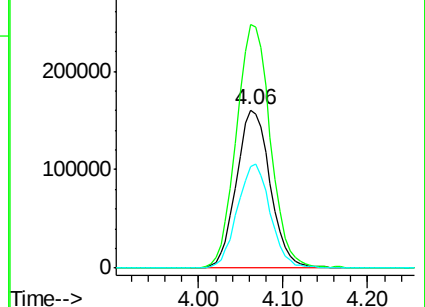
98 64.4 51.5 77.3

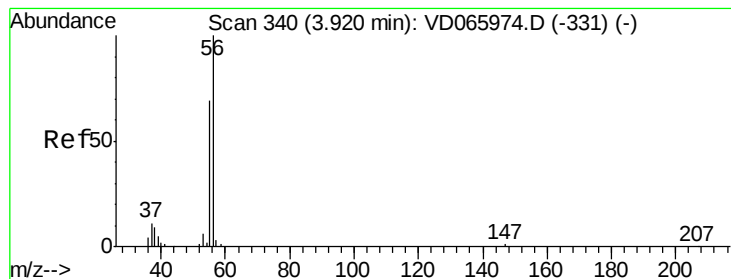


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 840.116 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

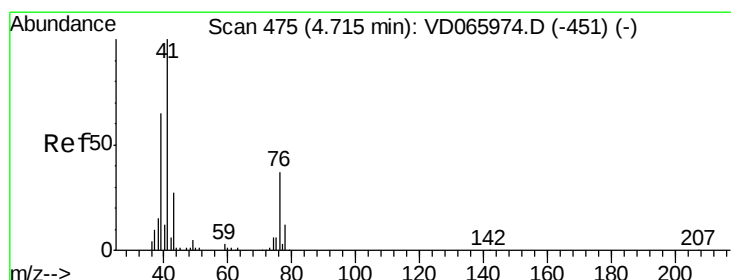
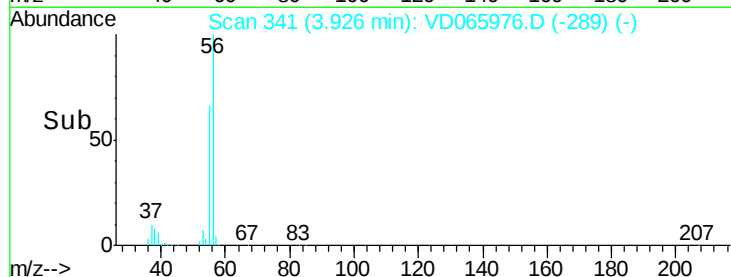
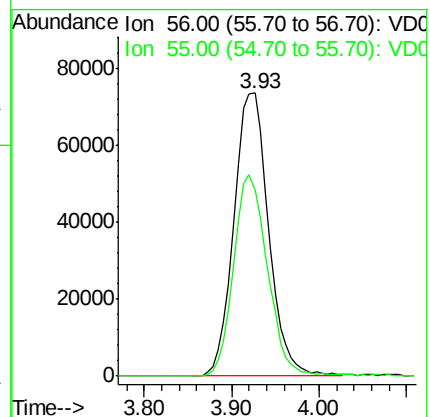
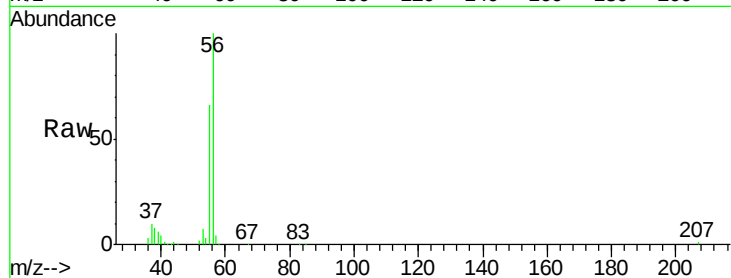
VSTDIC150

Tgt Ion: 56 Resp: 198341

Ion Ratio Lower Upper

56 100

55 69.4 55.8 83.8



#14

Allyl chloride

Concen: 160.647 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

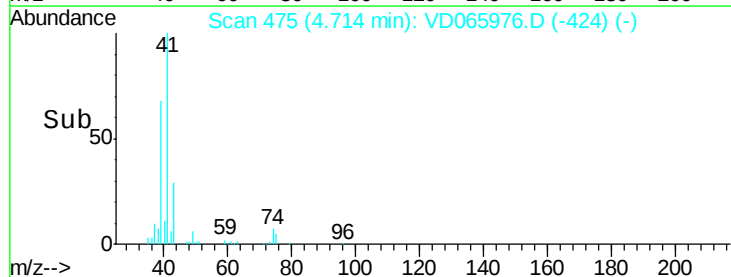
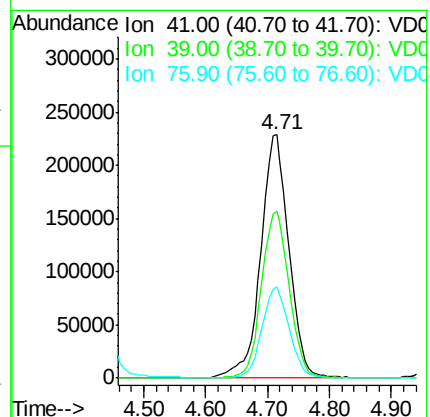
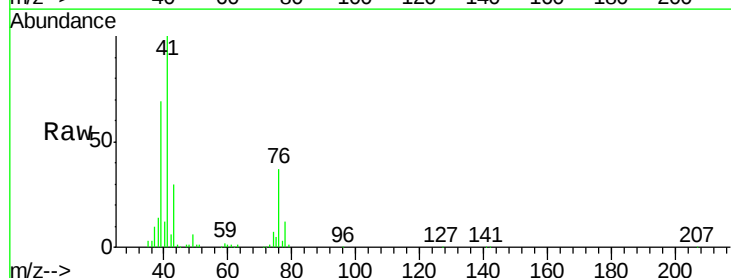
Tgt Ion: 41 Resp: 724996

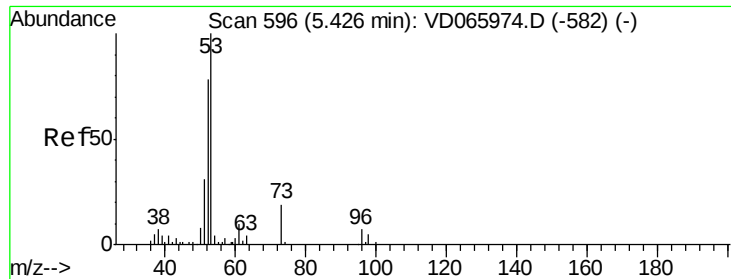
Ion Ratio Lower Upper

41 100

39 67.7 53.4 80.2

76 35.5 29.1 43.7





#15

Acrylonitrile

Concen: 835.575 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

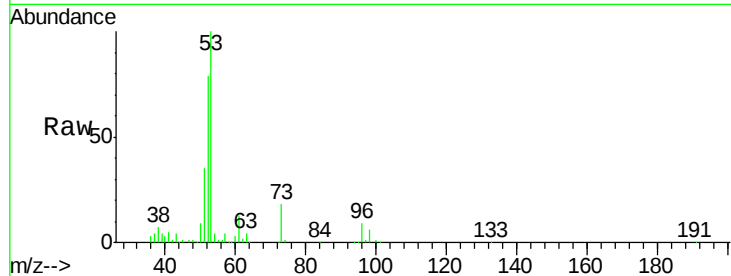
Tgt Ion: 53 Resp: 482108

Ion Ratio Lower Upper

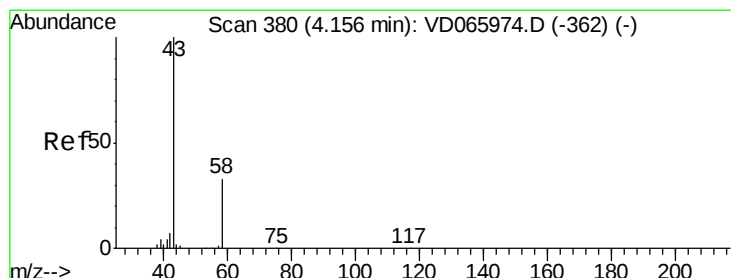
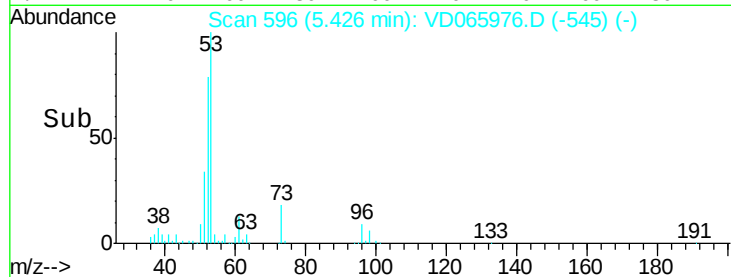
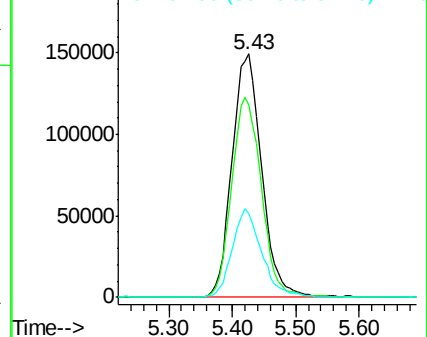
53 100

52 81.8 67.1 100.7

51 36.0 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 774.182 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065976.D

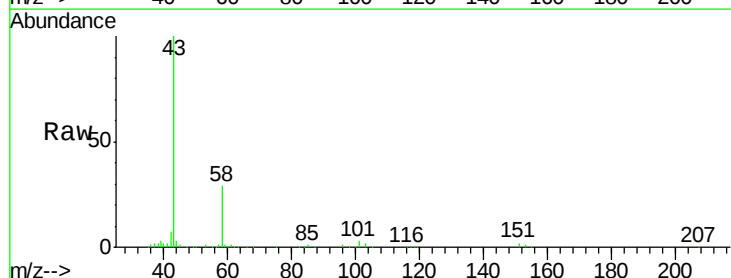
Acq: 21 Jul 2020 12:10

Tgt Ion: 43 Resp: 450236

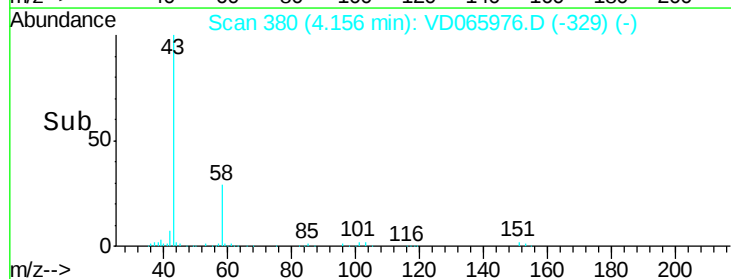
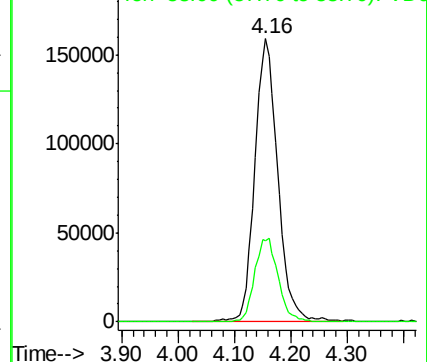
Ion Ratio Lower Upper

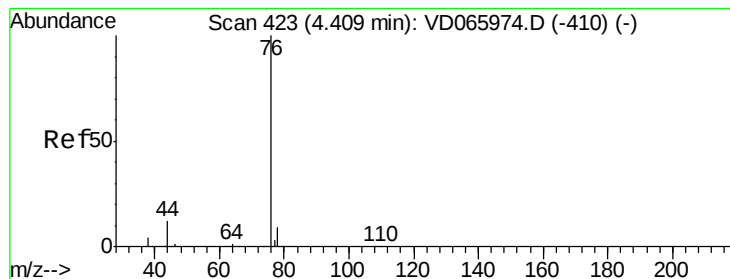
43 100

58 28.5 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 149.579 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

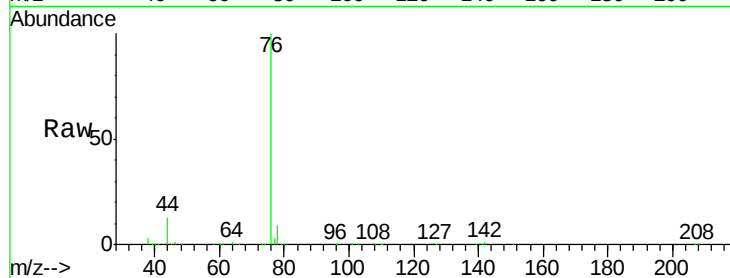
VSTDIC150

Tgt Ion: 76 Resp: 1436208

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

500000

400000

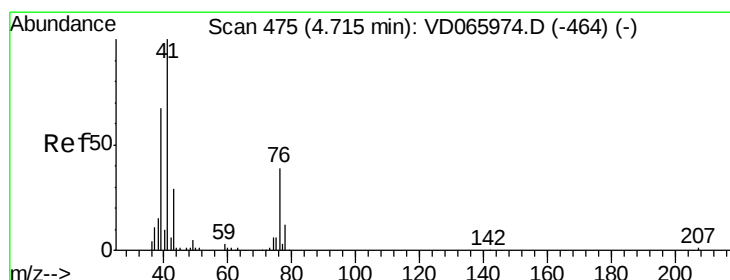
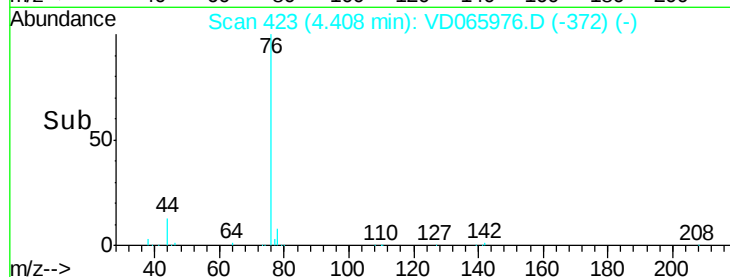
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 155.151 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065976.D

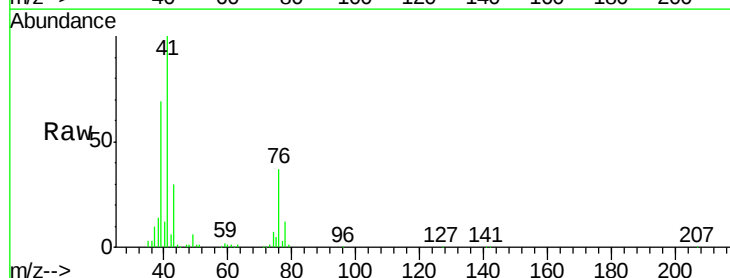
Acq: 21 Jul 2020 12:10

Tgt Ion: 43 Resp: 207568

Ion Ratio Lower Upper

43 100

74 24.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

80000

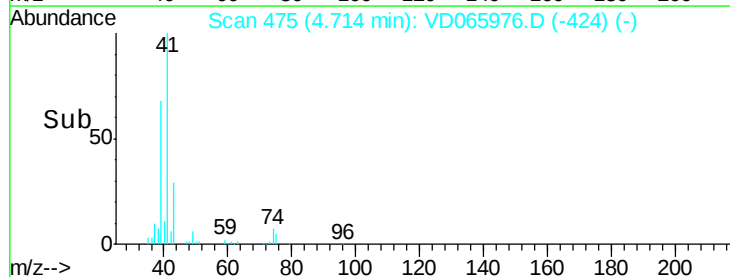
60000

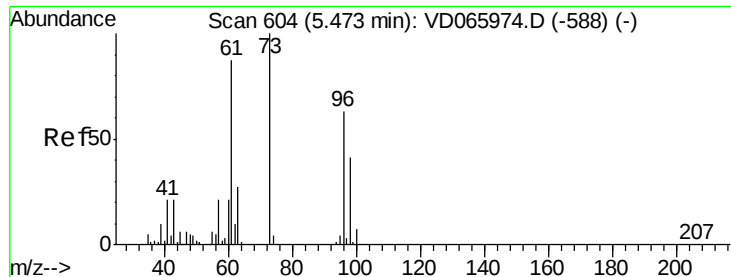
40000

20000

0

Time-->

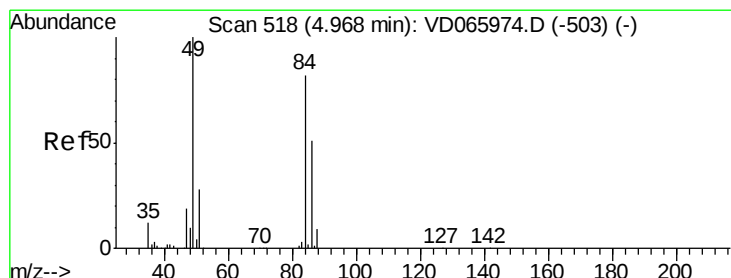
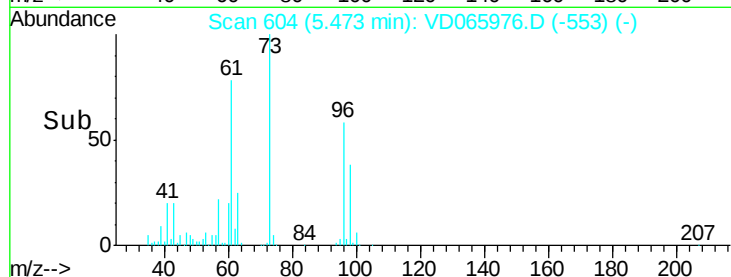
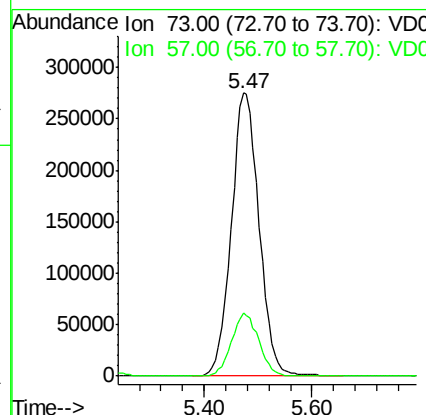
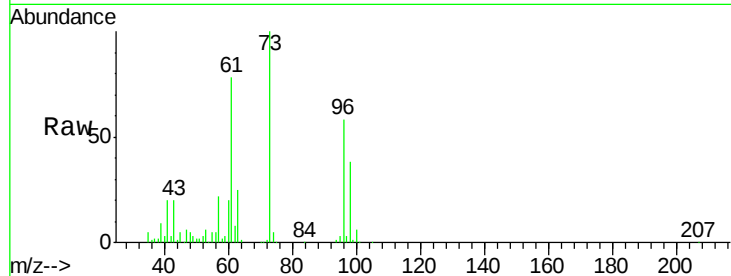




#19
Methyl tert-butyl Ether
Concen: 171.373 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

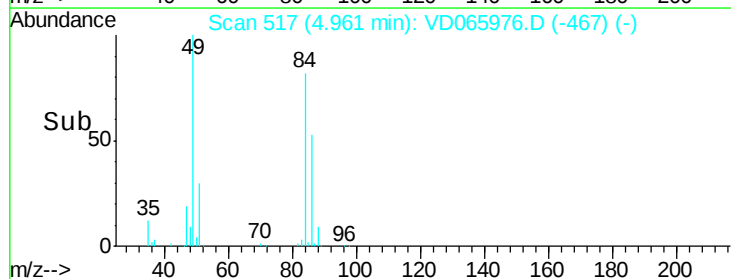
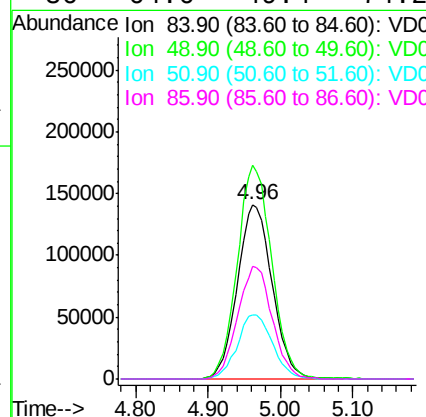
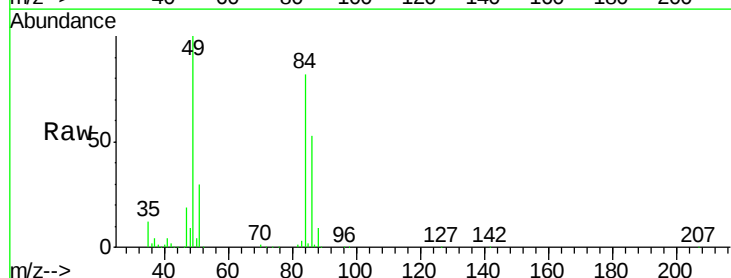
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

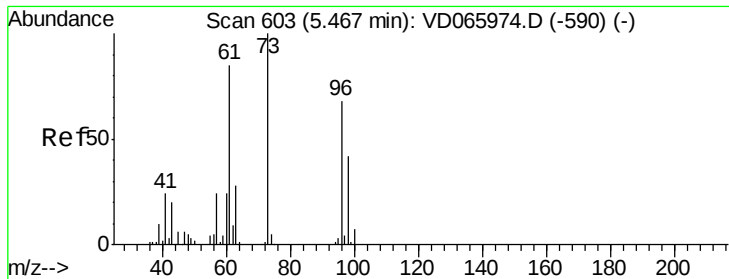
Tgt Ion: 73 Resp: 988257
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.4



#20
Methylene Chloride
Concen: 117.330 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion: 84 Resp: 470760
Ion Ratio Lower Upper
84 100
49 122.3 97.7 146.5
51 36.8 27.4 41.2
86 64.6 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 152.686 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

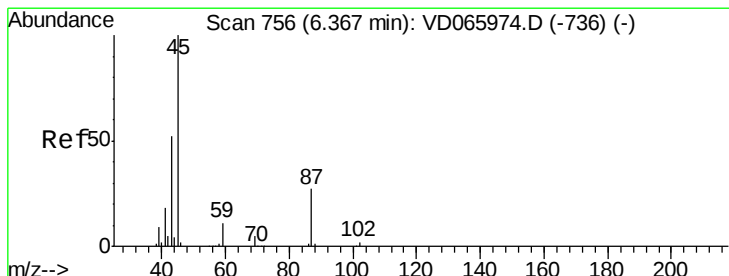
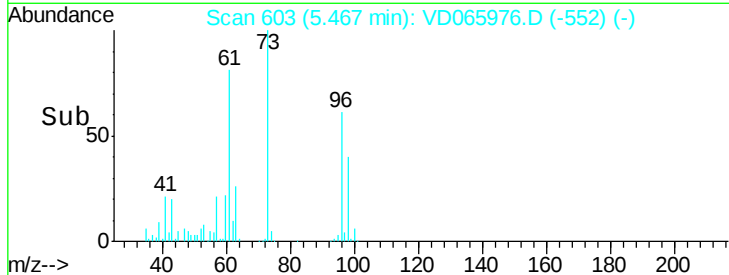
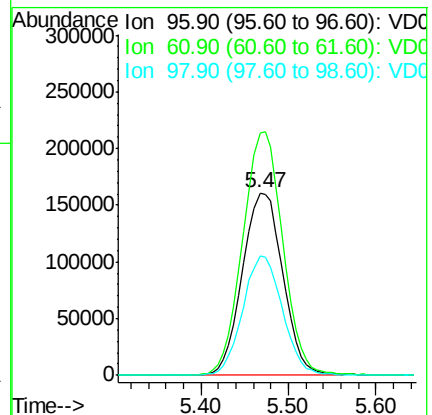
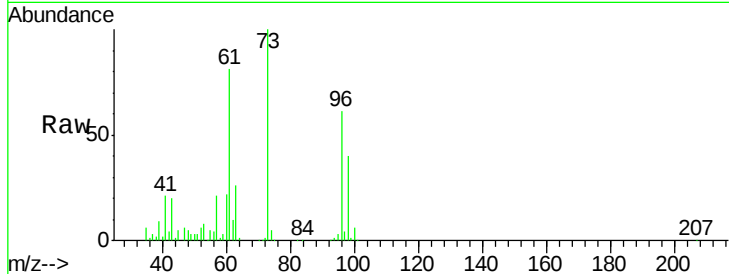
Tgt Ion: 96 Resp: 507021

Ion Ratio Lower Upper

96 100

61 132.5 100.5 150.7

98 65.1 49.7 74.5



#22

Diisopropyl ether

Concen: 160.490 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Tgt Ion: 45 Resp: 1371158

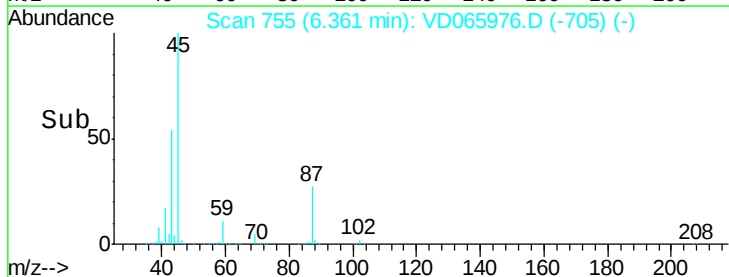
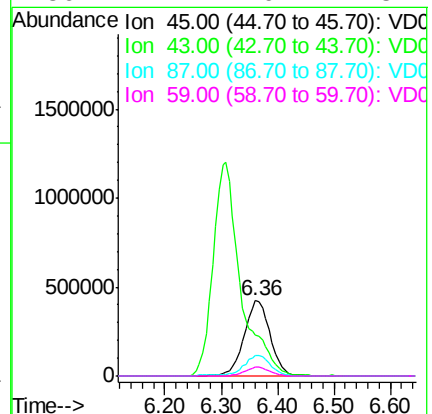
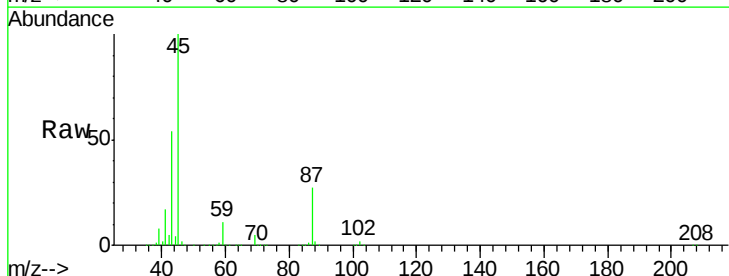
Ion Ratio Lower Upper

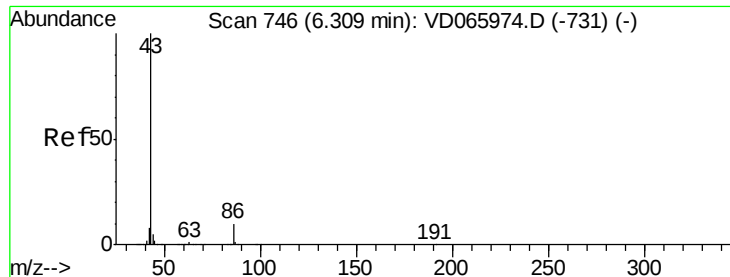
45 100

43 53.7 43.0 64.4

87 27.0 22.0 33.0

59 11.1 9.1 13.7





#23

Vinyl Acetate

Concen: 866.113 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

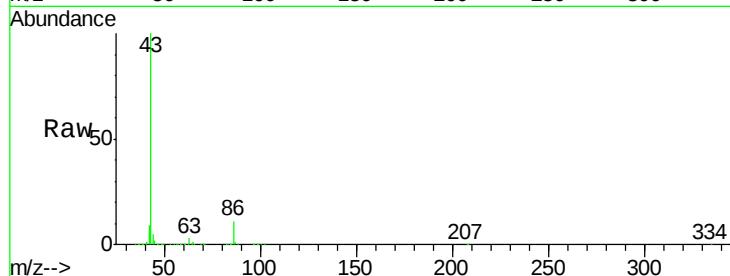
VSTDIC150

Tgt Ion: 43 Resp: 4060435

Ion Ratio Lower Upper

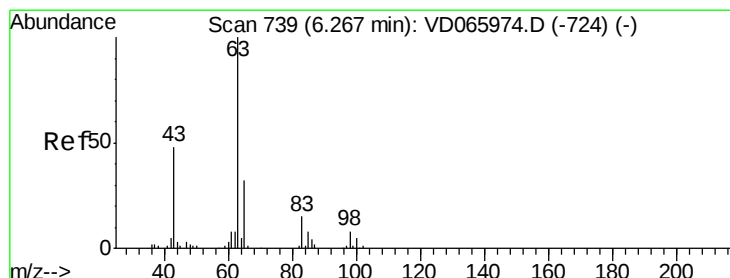
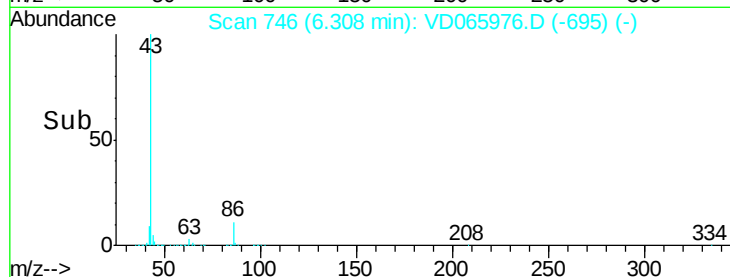
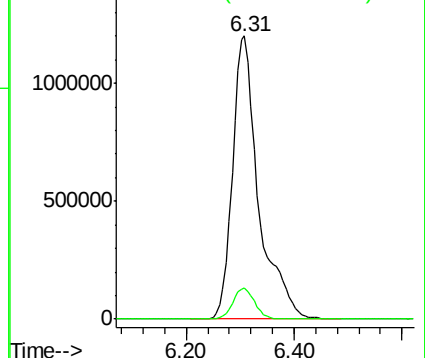
43 100

86 10.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 152.538 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

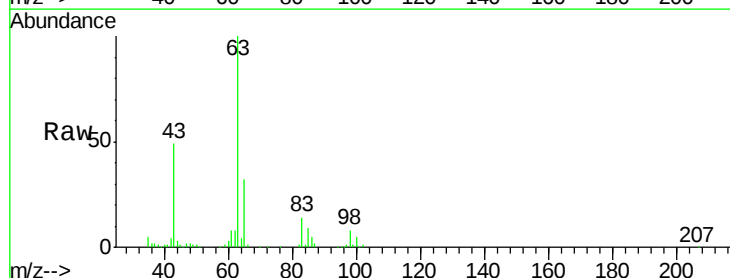
Tgt Ion: 63 Resp: 815157

Ion Ratio Lower Upper

63 100

98 7.9 4.3 12.8

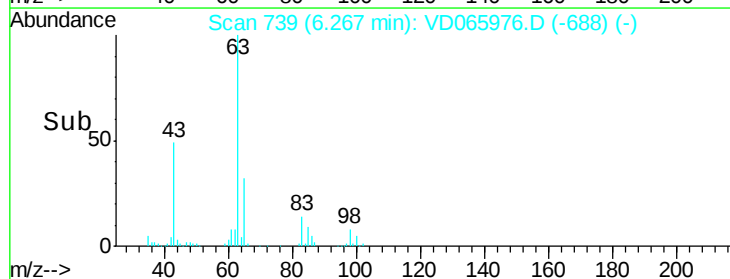
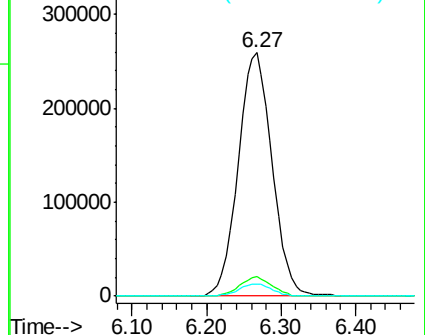
100 4.8 2.5 7.5

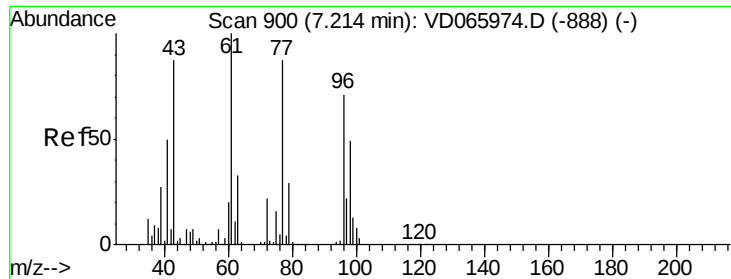


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 794.962 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

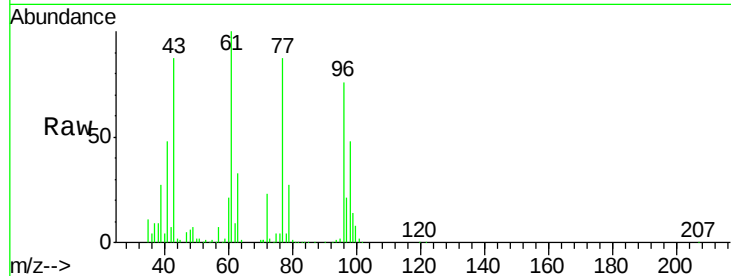
VSTDIC150

Tgt Ion: 43 Resp: 609593

Ion Ratio Lower Upper

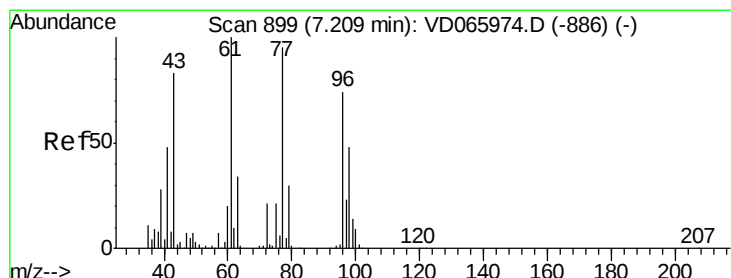
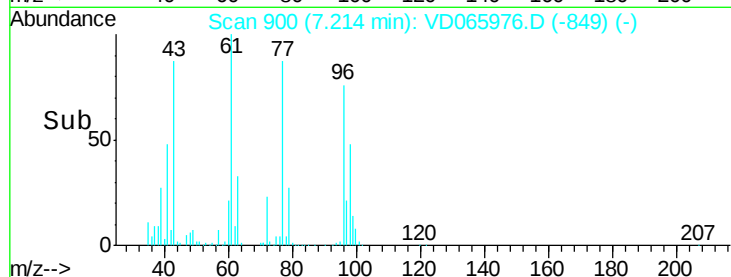
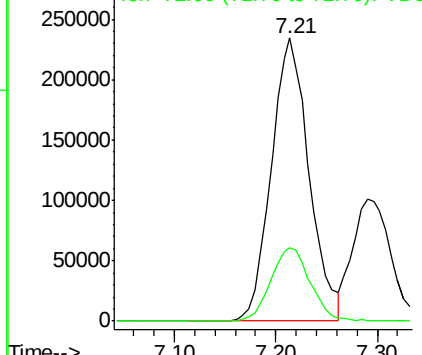
43 100

72 26.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 145.717 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065976.D

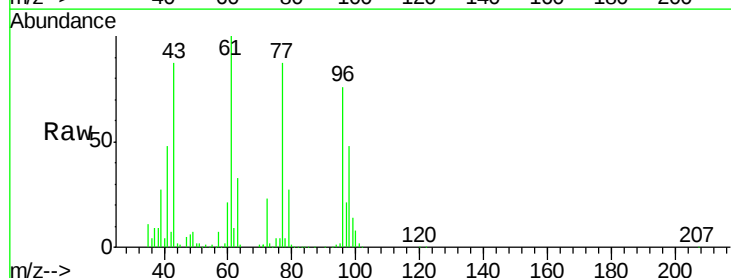
Acq: 21 Jul 2020 12:10

Tgt Ion: 77 Resp: 714722

Ion Ratio Lower Upper

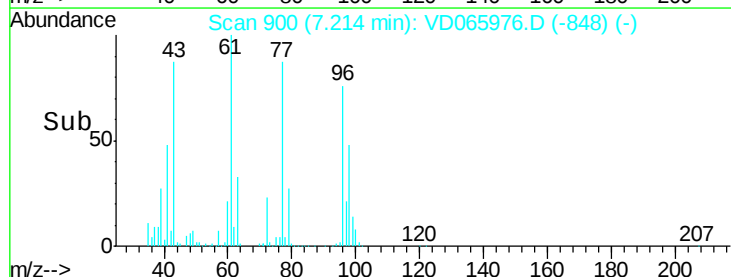
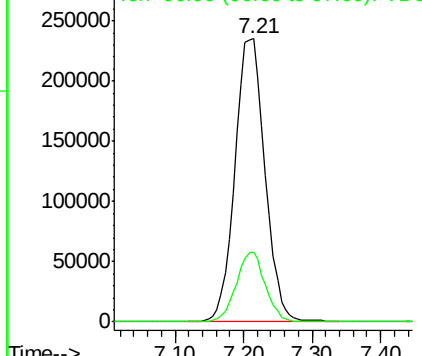
77 100

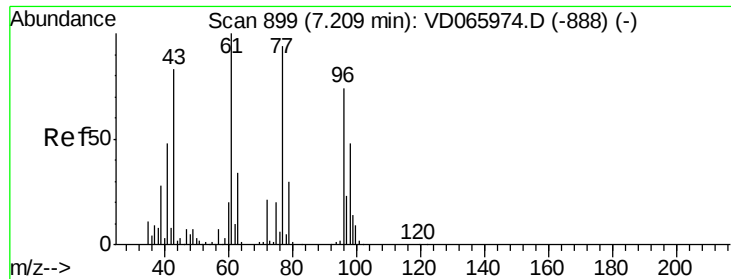
97 23.7 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

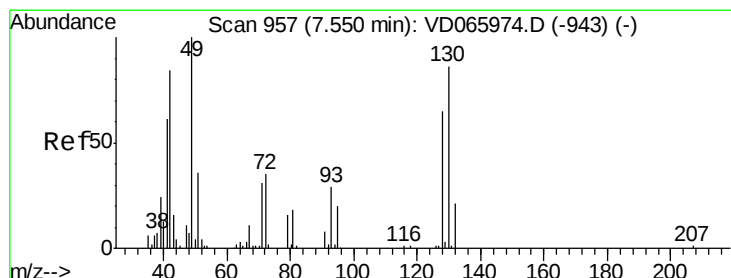
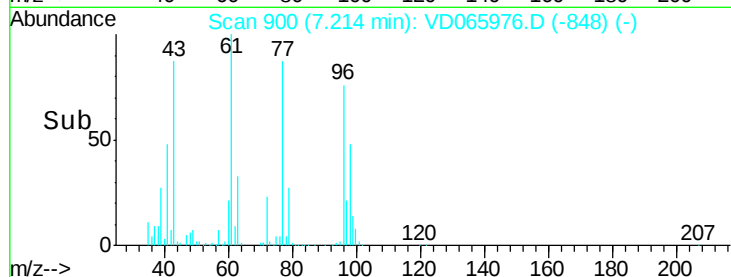
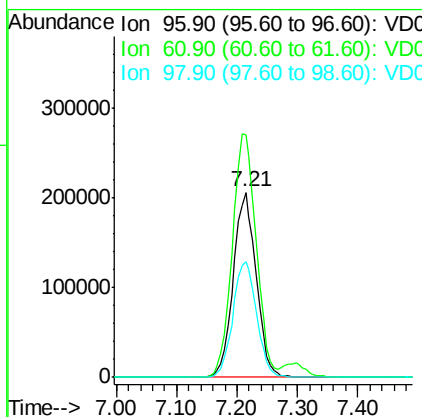
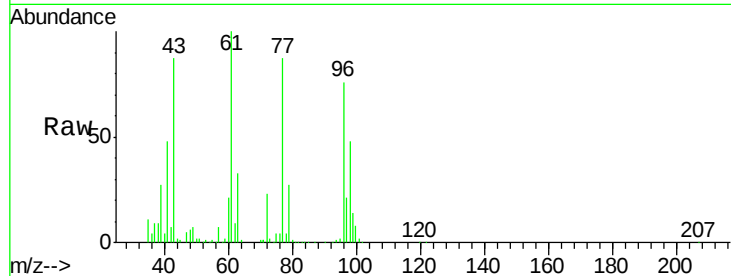




#27
 cis-1,2-Dichloroethene
 Concen: 156.526 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

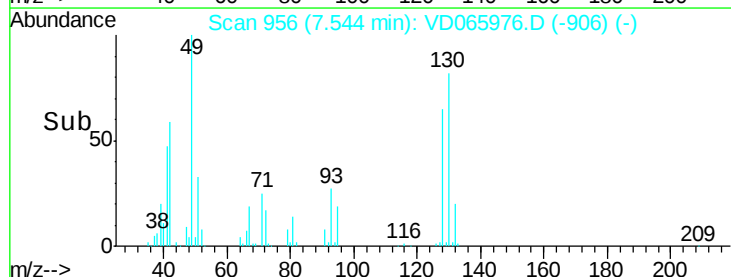
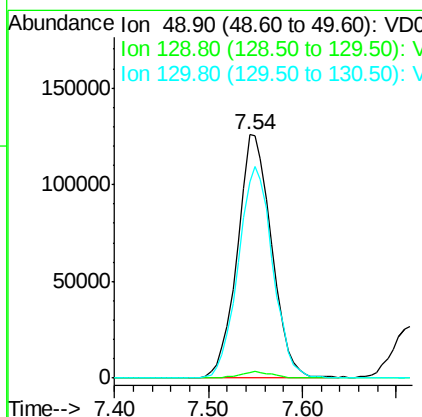
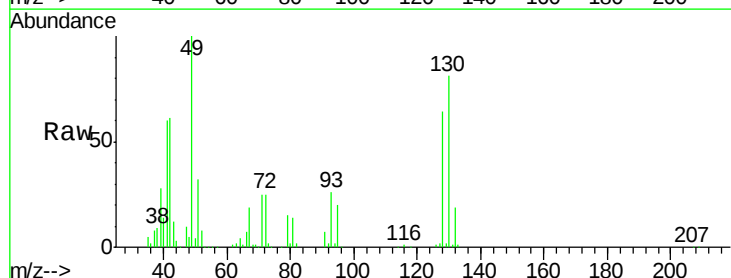
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

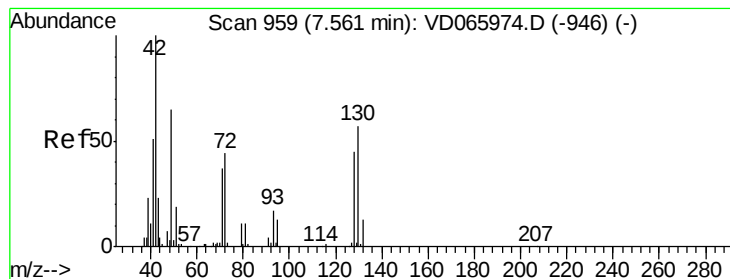
Tgt Ion: 96 Resp: 544628
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 276.6
 98 64.5 0.0 130.8



#28
 Bromochloromethane
 Concen: 144.223 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion: 49 Resp: 318212
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 87.3 68.4 102.6





#29

Tetrahydrofuran

Concen: 830.806 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

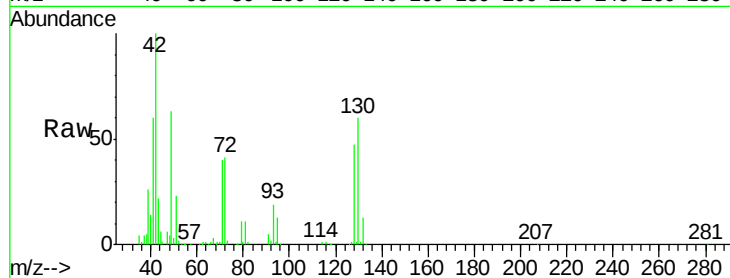
Tgt Ion: 42 Resp: 388719

Ion Ratio Lower Upper

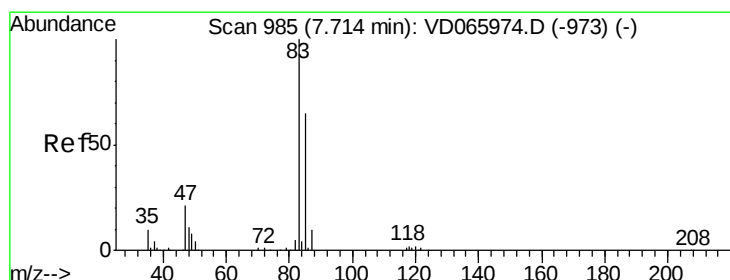
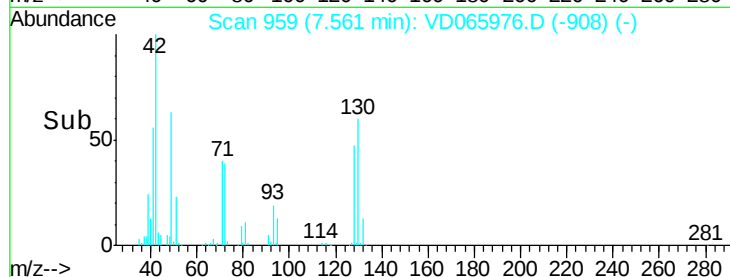
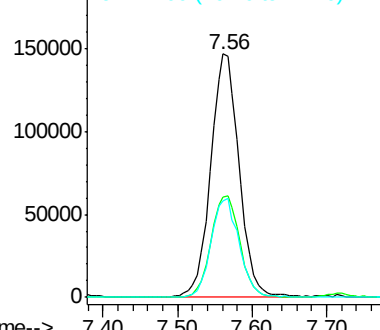
42 100

72 42.2 34.2 51.2

71 40.3 31.4 47.2



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 151.582 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD065976.D

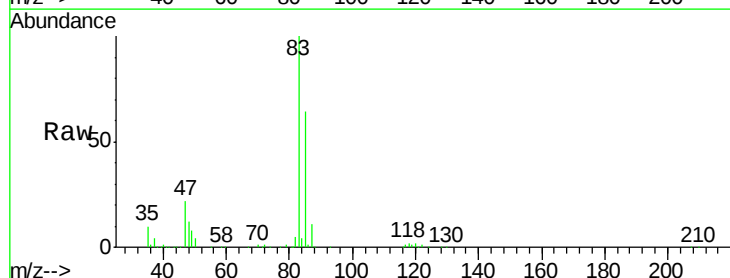
Acq: 21 Jul 2020 12:10

Tgt Ion: 83 Resp: 840137

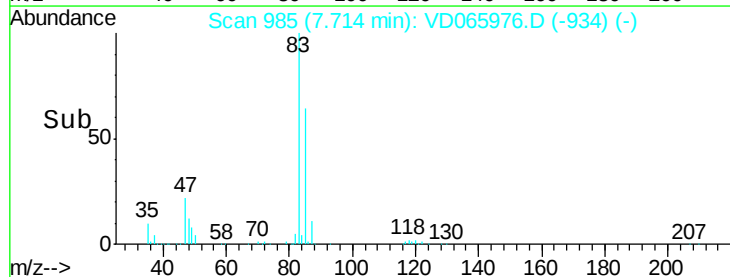
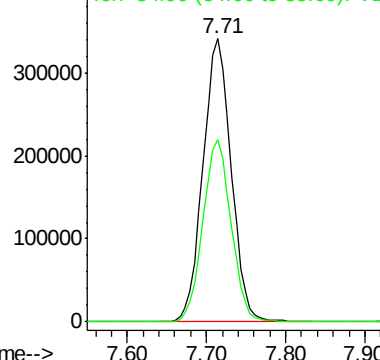
Ion Ratio Lower Upper

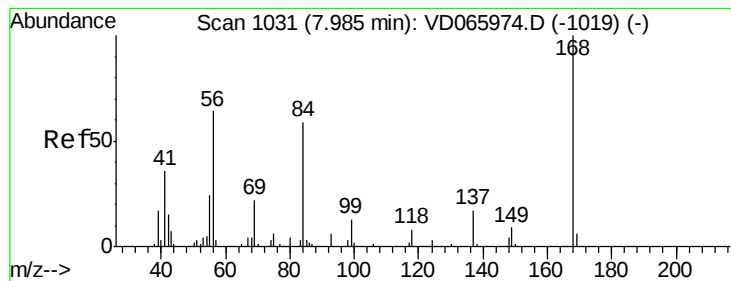
83 100

85 64.2 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 140.515 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

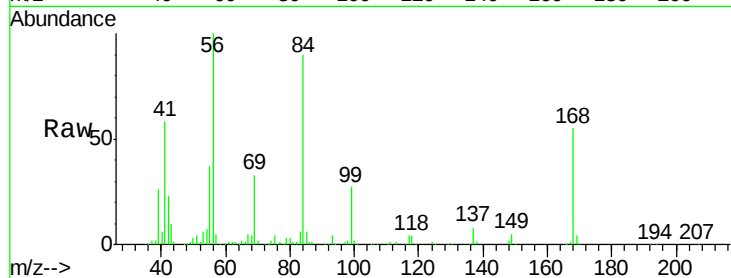
Tgt Ion: 56 Resp: 753597

Ion Ratio Lower Upper

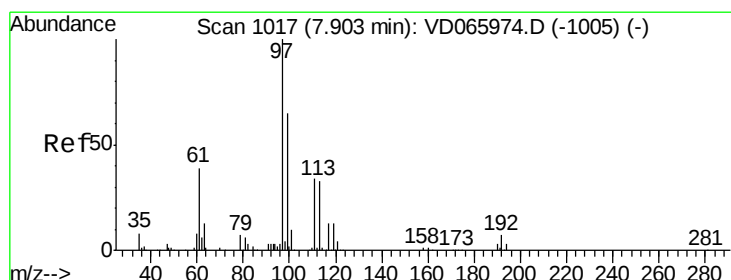
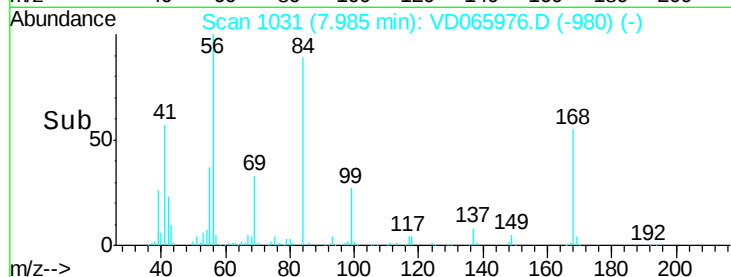
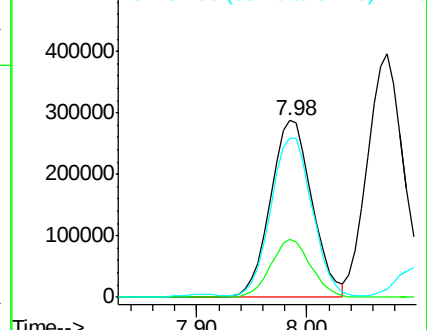
56 100

69 33.0 28.0 42.0

84 88.8 72.6 109.0



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 150.238 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

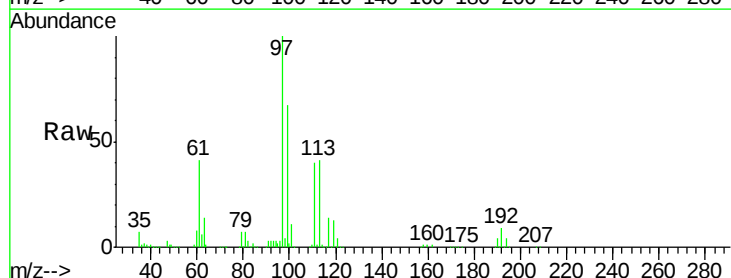
Tgt Ion: 97 Resp: 779118

Ion Ratio Lower Upper

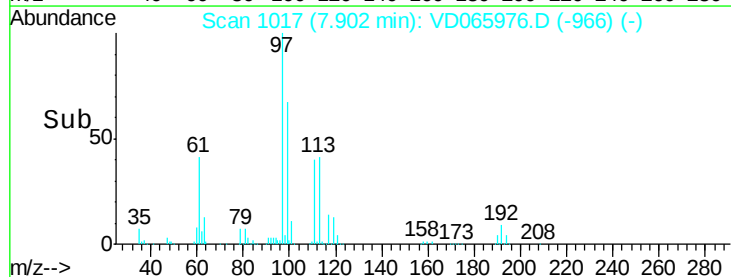
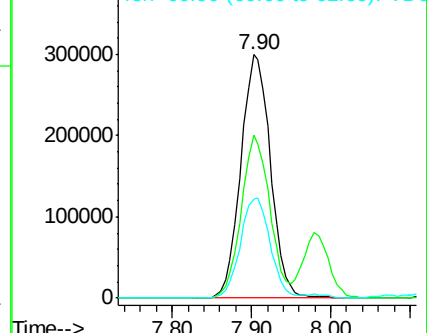
97 100

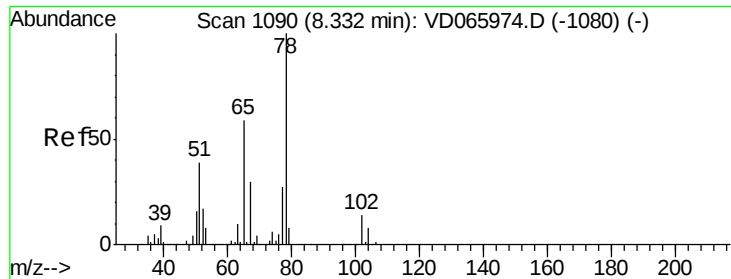
99 64.8 51.8 77.6

61 41.2 33.3 49.9



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

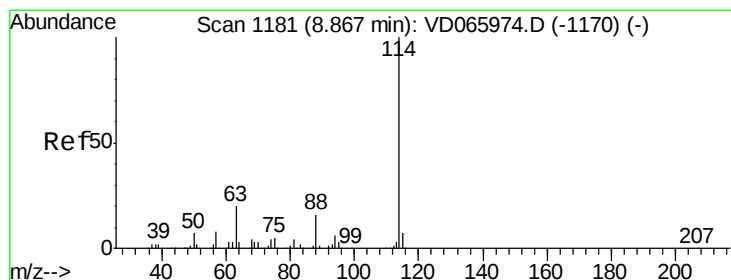
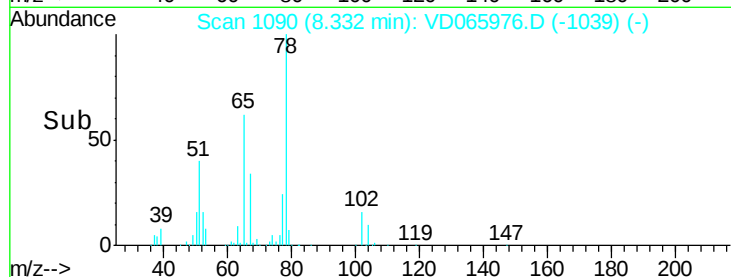
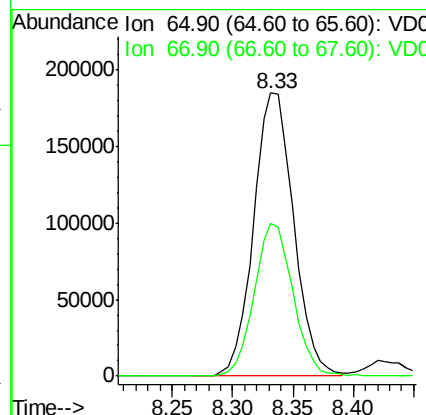
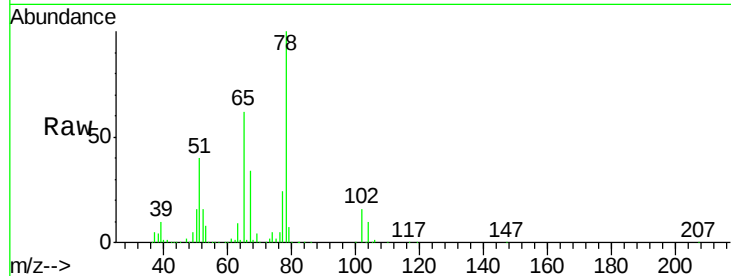




#33
 1,2-Dichloroethane-d4
 Concen: 148.295 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

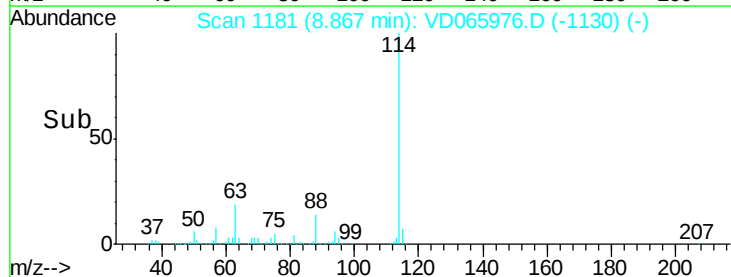
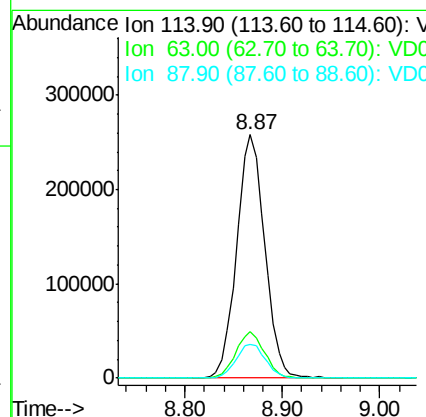
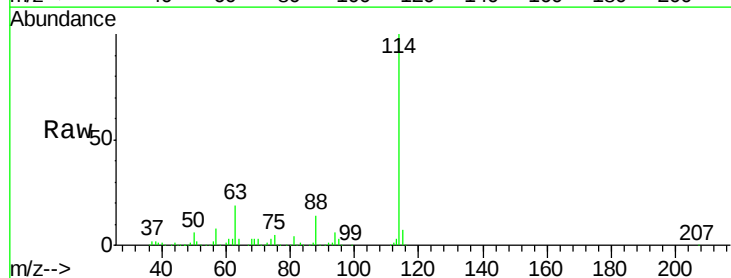
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

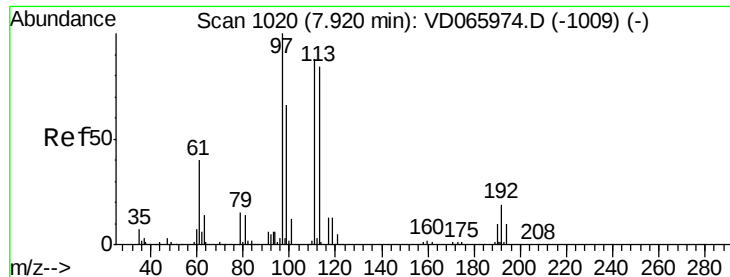
Tgt Ion: 65 Resp: 427352
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion: 114 Resp: 515136
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.6
 88 14.0 0.0 31.2

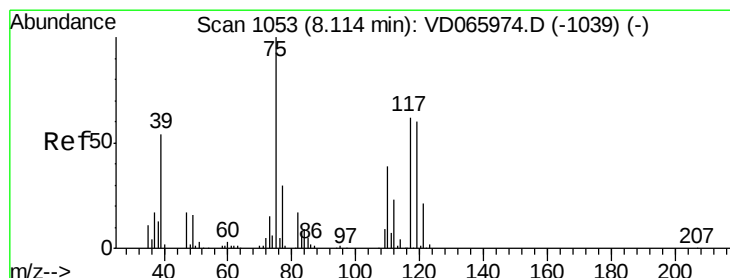
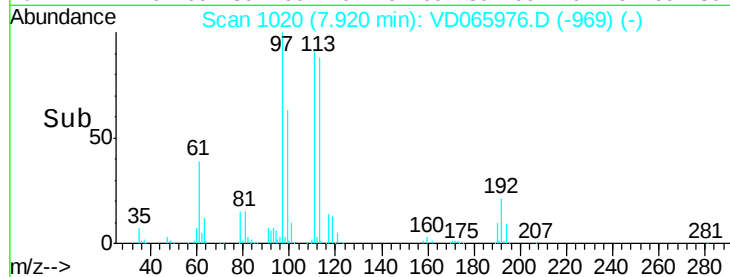
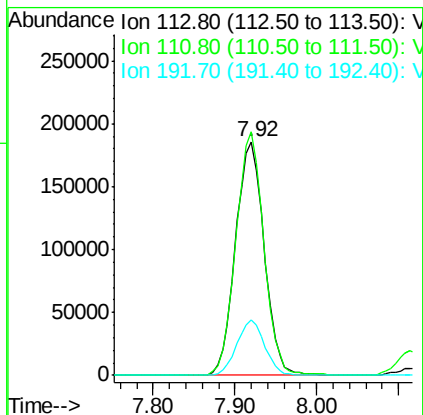
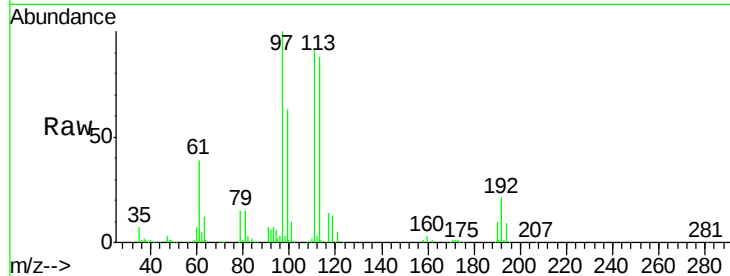




#35
 Dibromofluoromethane
 Concen: 146.758 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

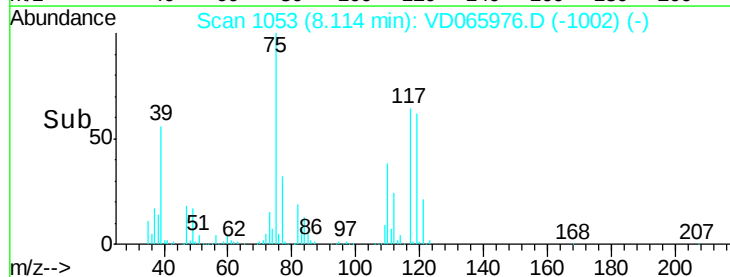
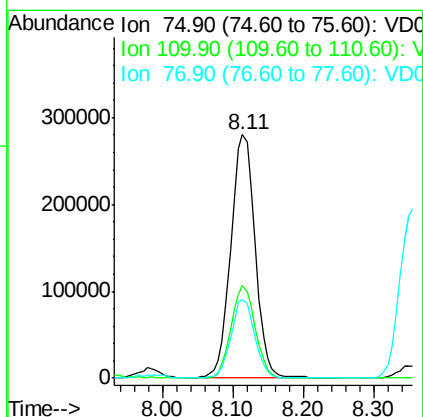
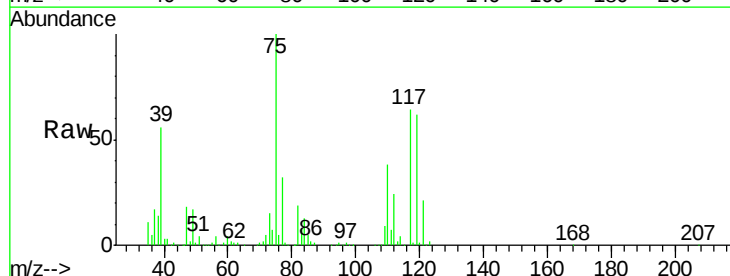
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

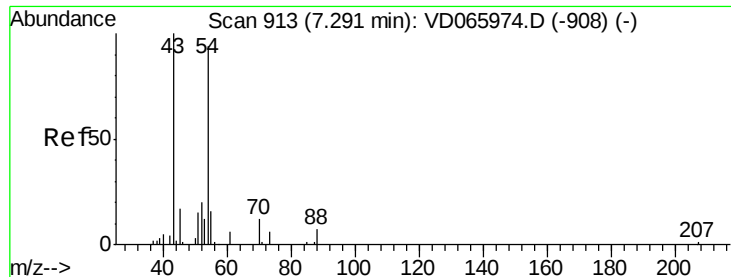
Tgt Ion: 113 Resp: 454205
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.2 124.8
 192 22.9 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 150.485 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion: 75 Resp: 673170
 Ion Ratio Lower Upper
 75 100
 110 37.4 19.5 58.5
 77 31.7 24.7 37.1

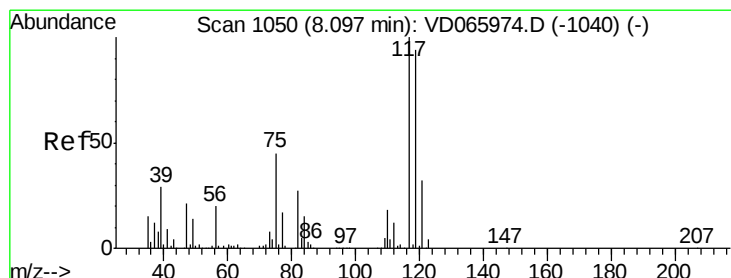
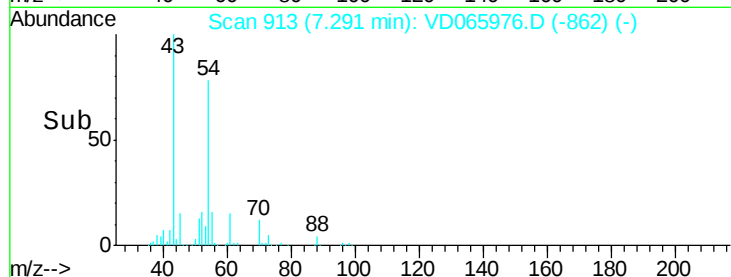
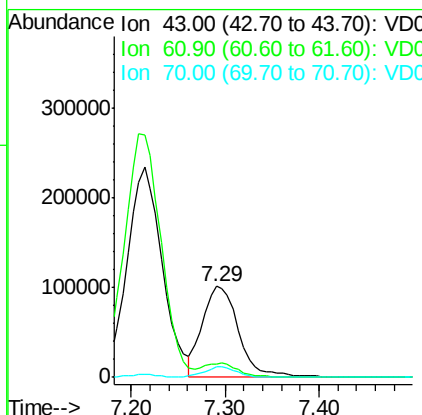
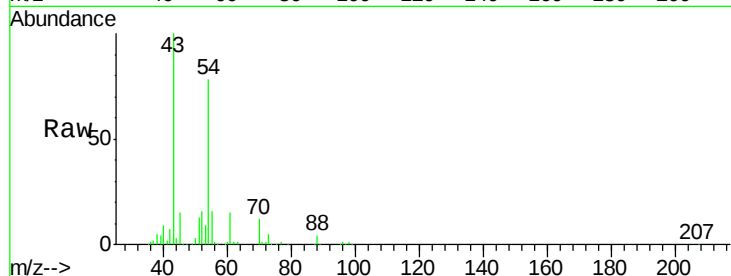




#37
Ethyl Acetate
Concen: 157.413 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

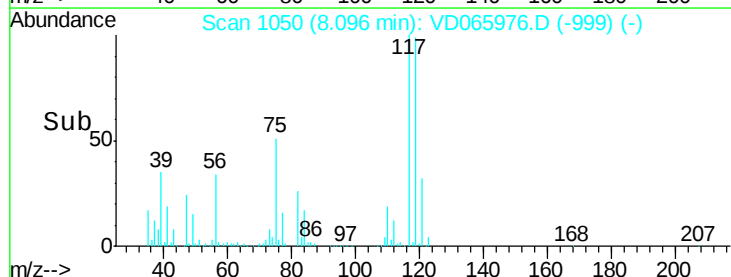
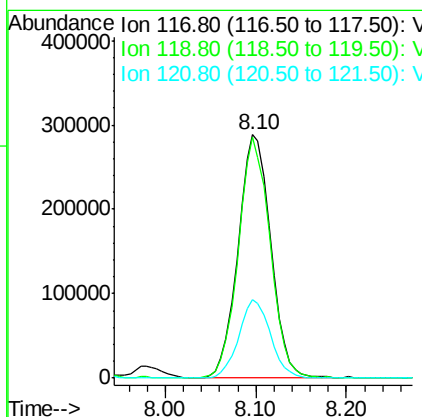
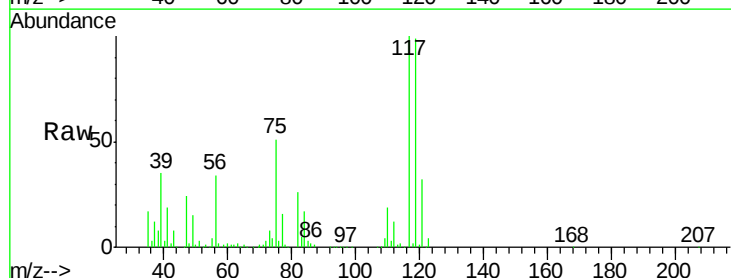
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

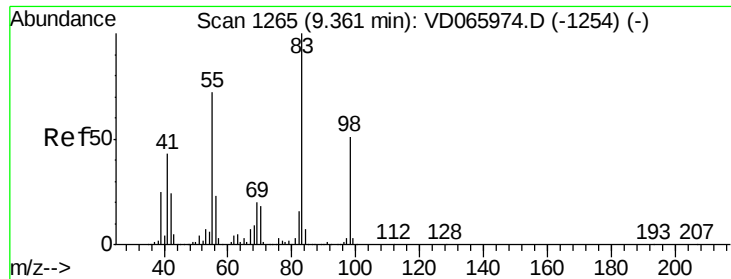
Tgt Ion: 43 Resp: 270122
Ion Ratio Lower Upper
43 100
61 15.2 11.4 17.0
70 10.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 151.927 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion: 117 Resp: 720821
Ion Ratio Lower Upper
117 100
119 99.2 75.0 112.6
121 32.0 25.5 38.3

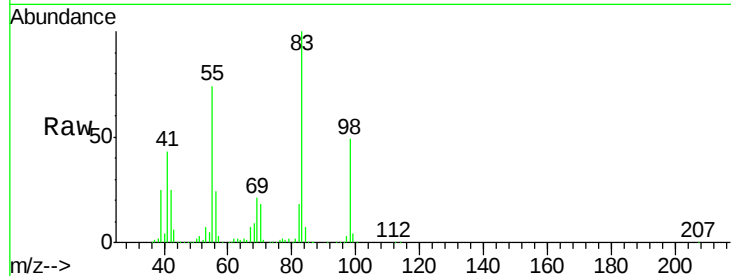




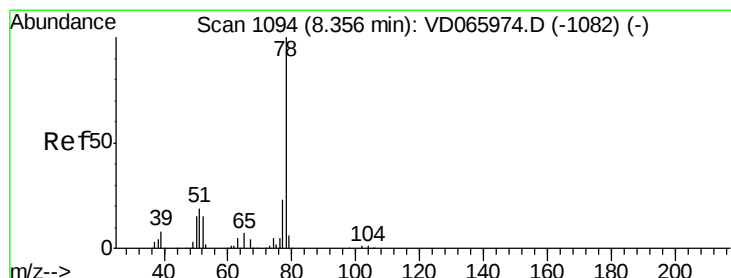
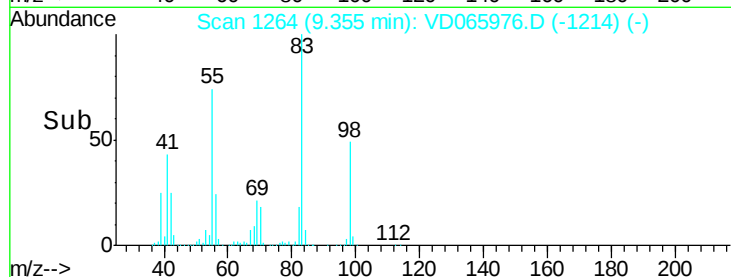
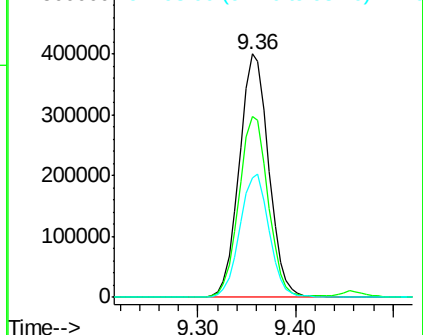
#39
Methylcyclohexane
Concen: 158.173 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 837970
Ion Ratio Lower Upper
83 100
55 74.3 57.3 85.9
98 48.9 41.0 61.6

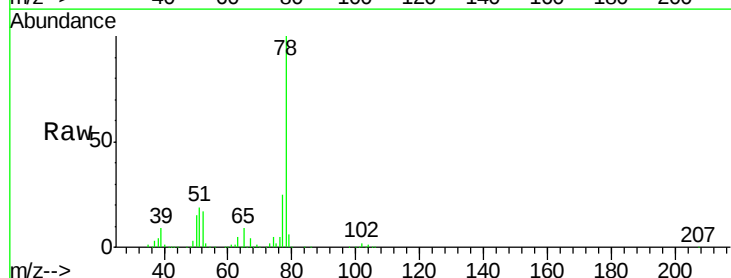


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

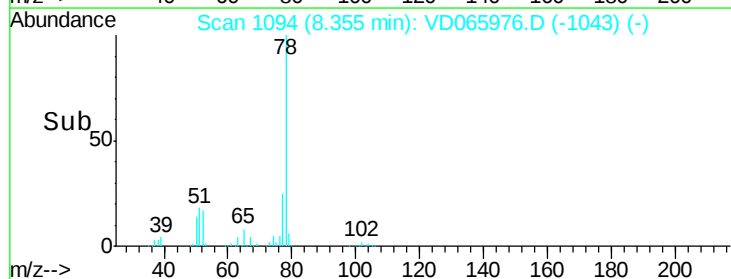
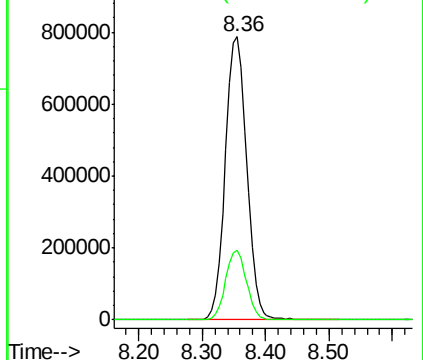


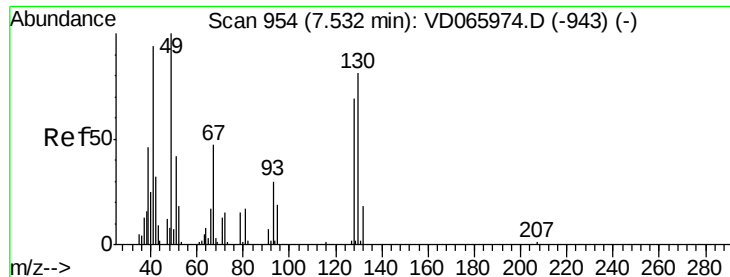
#40
Benzene
Concen: 149.575 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion: 78 Resp: 1855872
Ion Ratio Lower Upper
78 100
77 24.8 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 296.446 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.03 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 380302

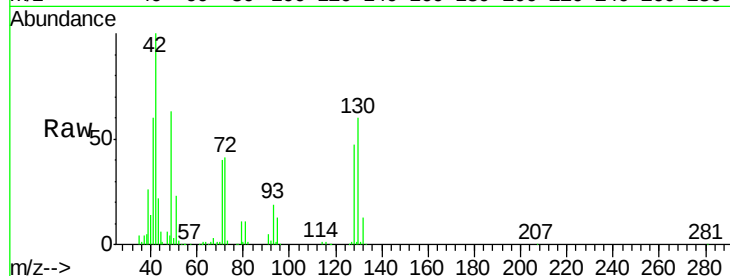
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

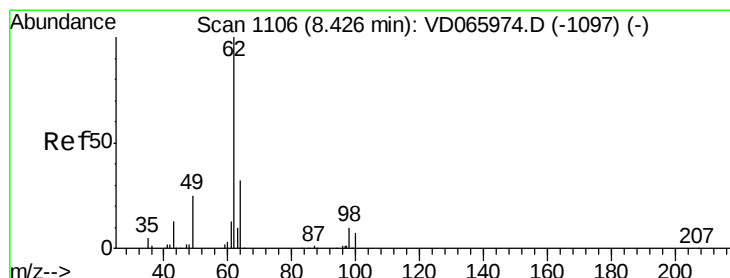
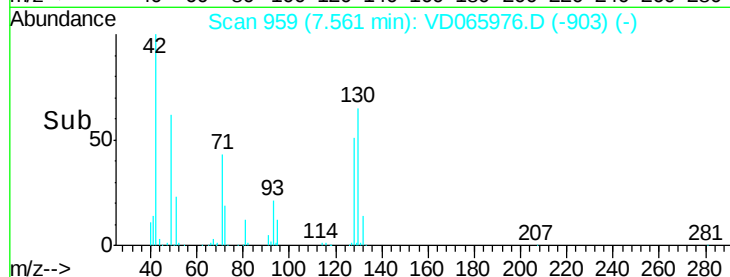
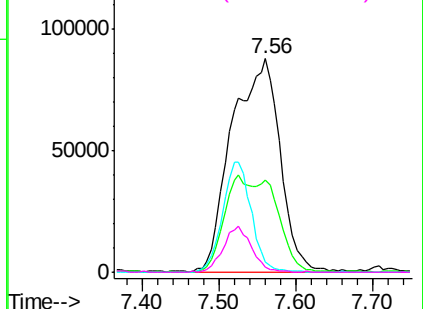


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 153.206 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD065976.D

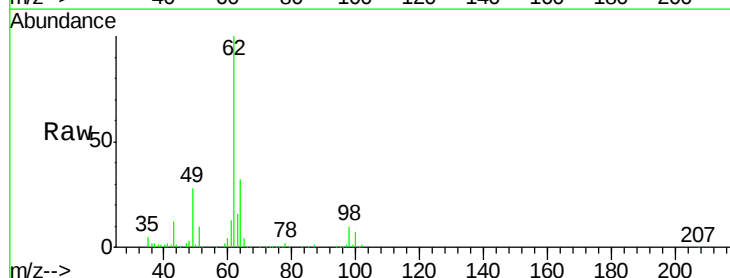
Acq: 21 Jul 2020 12:10

Tgt Ion: 62 Resp: 522457

Ion Ratio Lower Upper

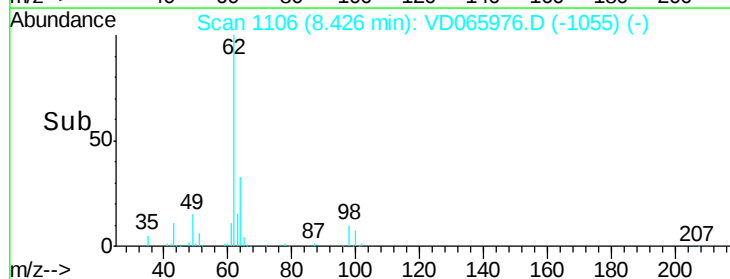
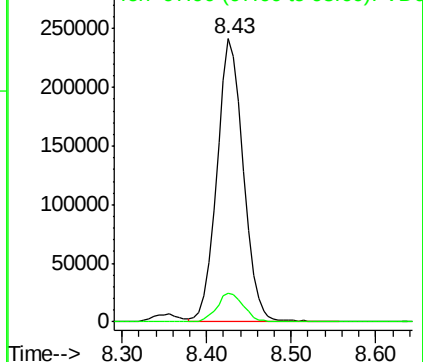
62 100

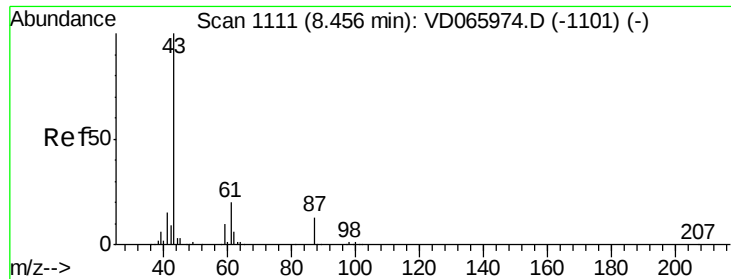
98 10.4 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

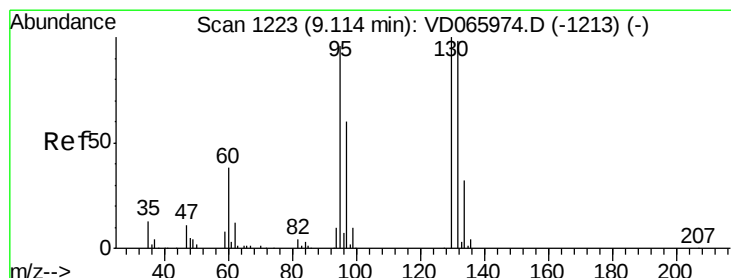
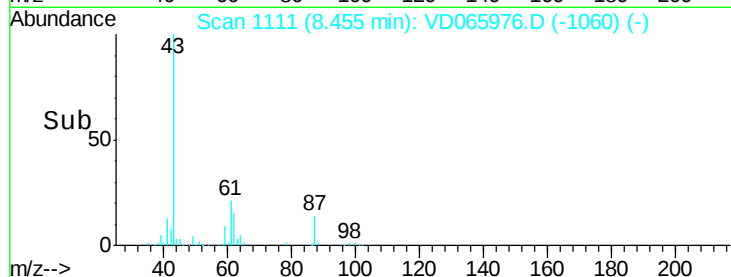
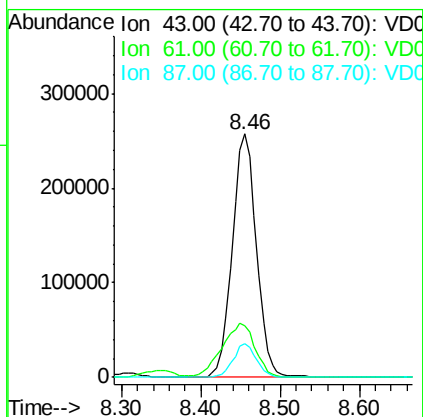
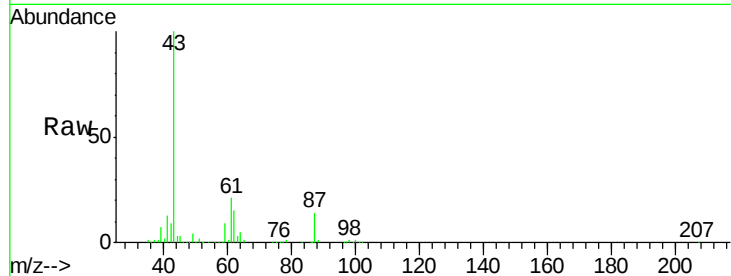




#43
Isopropyl Acetate
Concen: 171.941 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

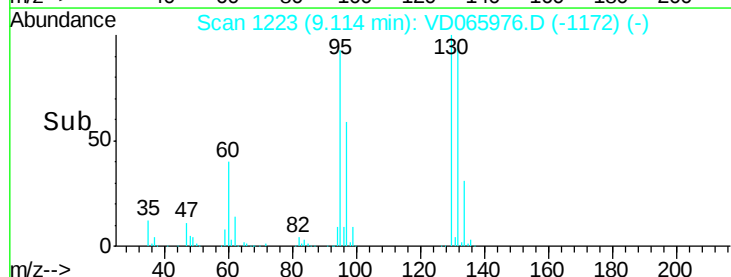
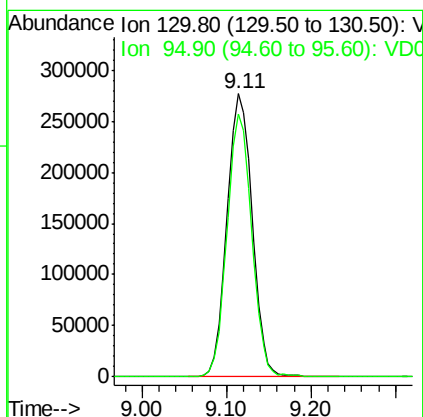
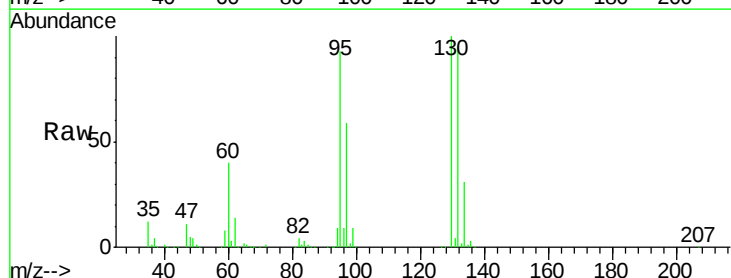
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

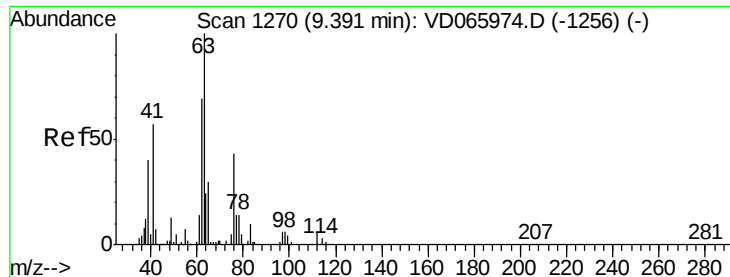
Tgt Ion: 43 Resp: 543075
Ion Ratio Lower Upper
43 100
61 30.1 25.8 38.8
87 13.2 10.9 16.3



#44
Trichloroethene
Concen: 152.495 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion: 130 Resp: 569204
Ion Ratio Lower Upper
130 100
95 92.8 0.0 191.6

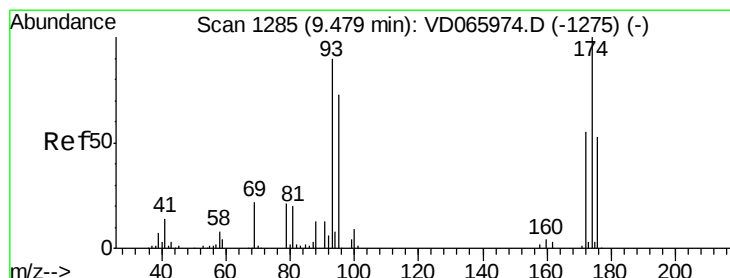
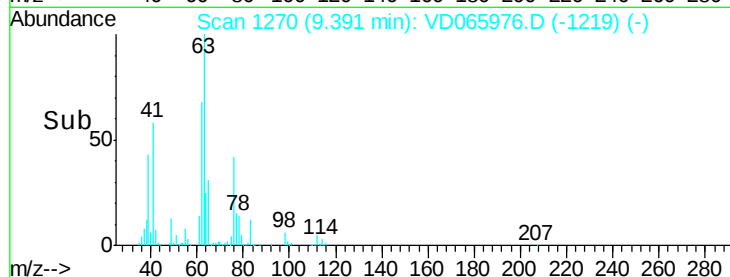
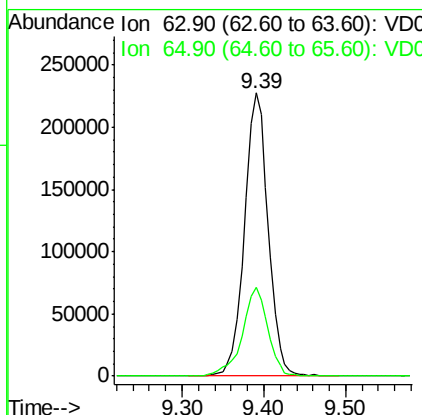
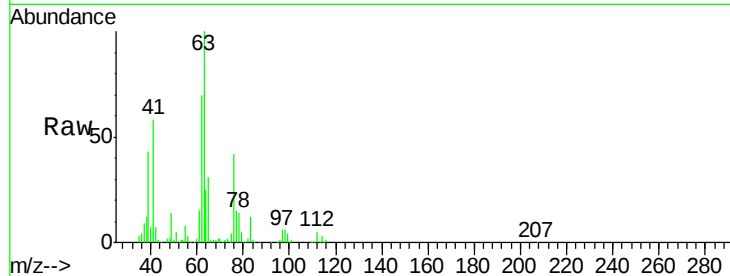




#45
 1,2-Dichloropropane
 Concen: 153.869 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

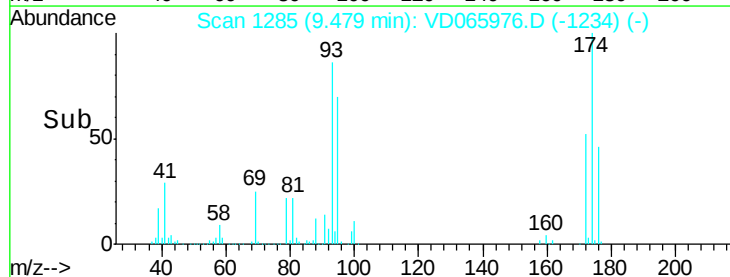
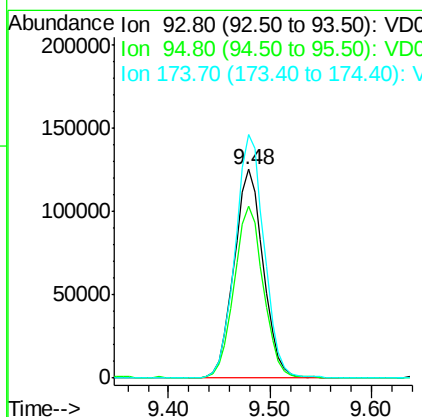
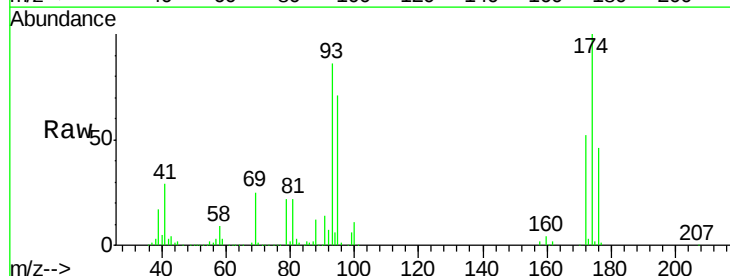
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

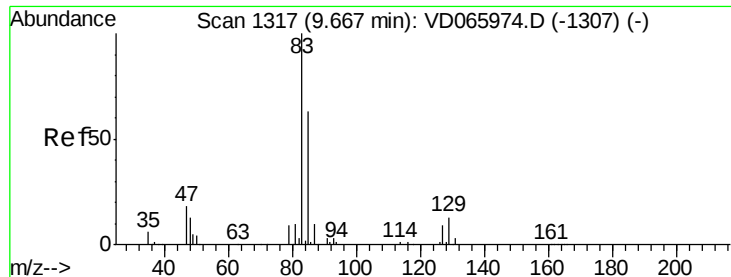
Tgt Ion: 63 Resp: 457832
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.0 36.0



#46
 Dibromomethane
 Concen: 154.058 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion: 93 Resp: 250885
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.2 99.4
 174 115.4 91.5 137.3





#47

Bromodichloromethane

Concen: 151.825 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

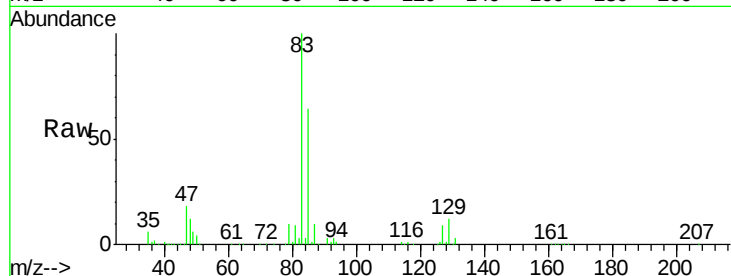
Tgt Ion: 83 Resp: 647948

Ion Ratio Lower Upper

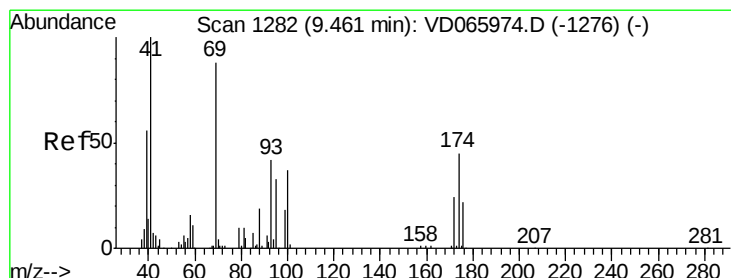
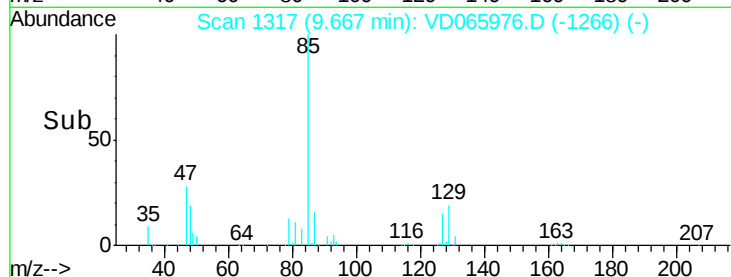
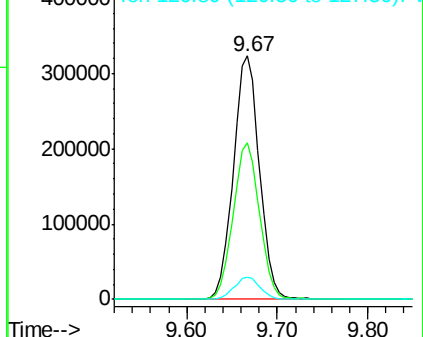
83 100

85 64.4 50.6 75.8

127 9.3 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 156.539 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

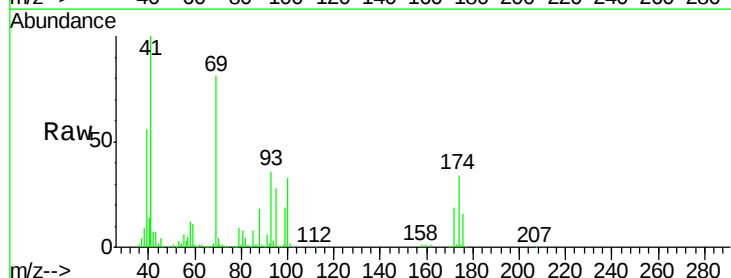
Tgt Ion: 41 Resp: 257522

Ion Ratio Lower Upper

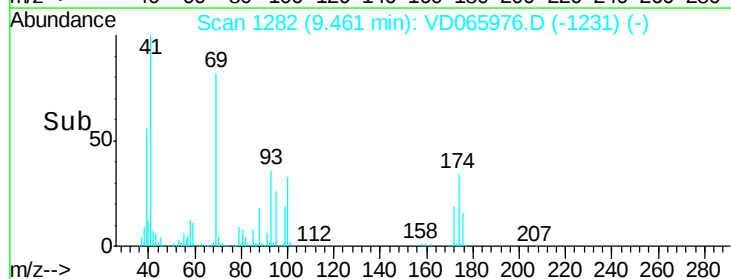
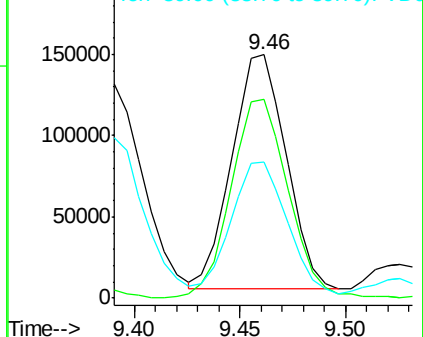
41 100

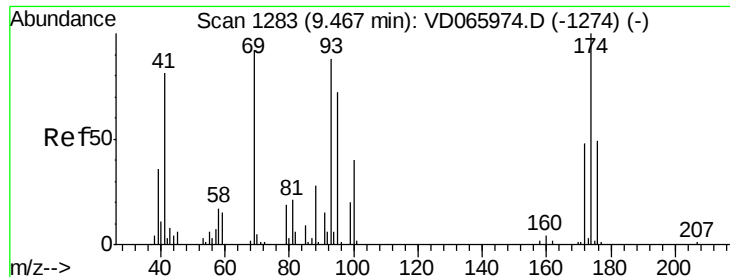
69 88.6 65.1 97.7

39 57.1 41.5 62.3



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 3344.623 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

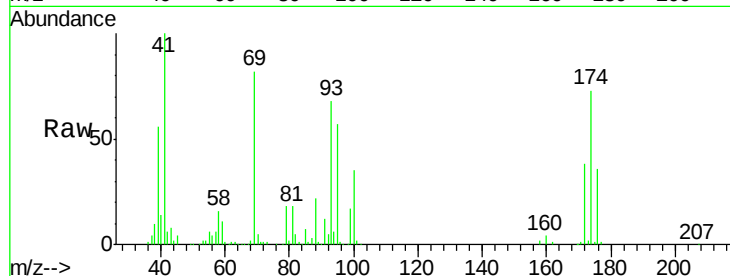
Tgt Ion: 88 Resp: 60208

Ion Ratio Lower Upper

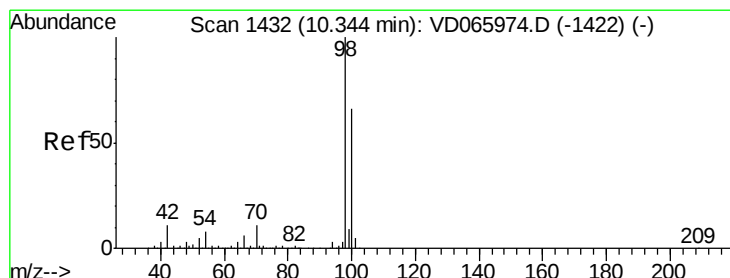
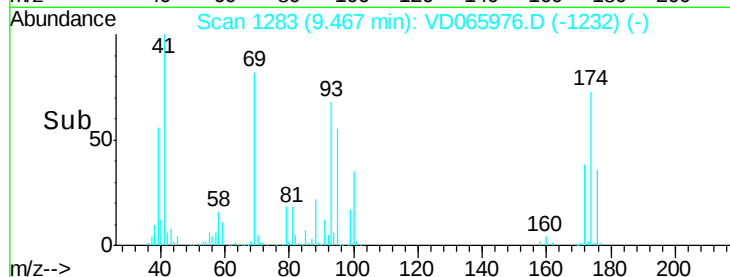
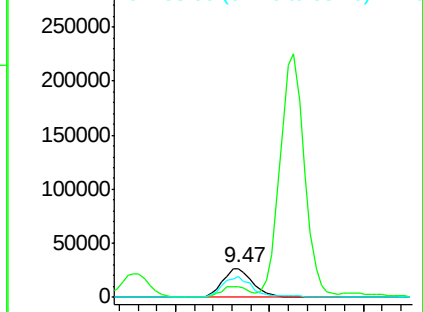
88 100

43 34.6 29.0 43.6

58 68.7 57.0 85.4



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 146.806 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065976.D

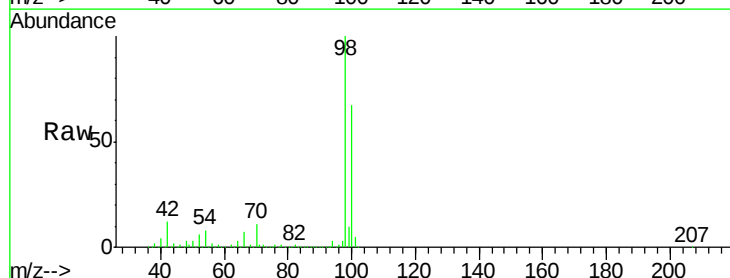
Acq: 21 Jul 2020 12:10

Tgt Ion: 98 Resp: 1692698

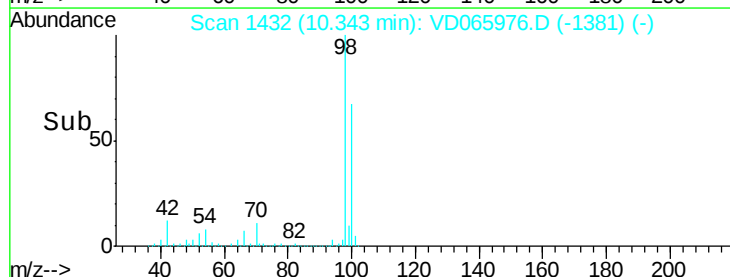
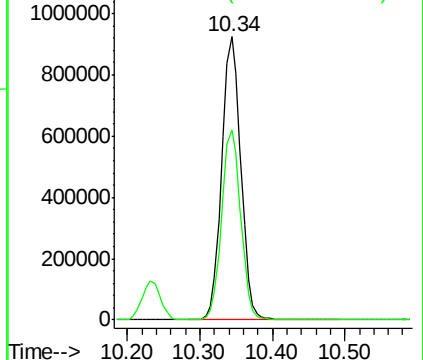
Ion Ratio Lower Upper

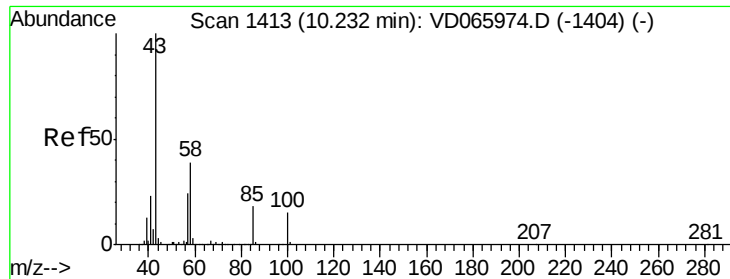
98 100

100 67.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

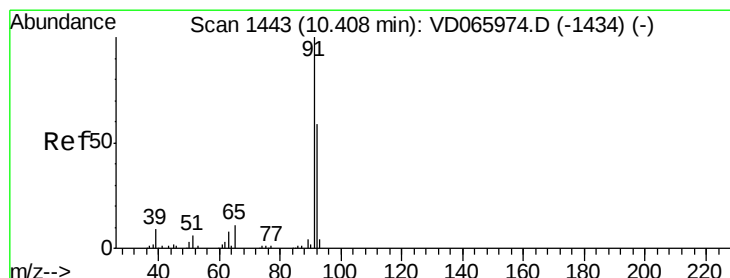
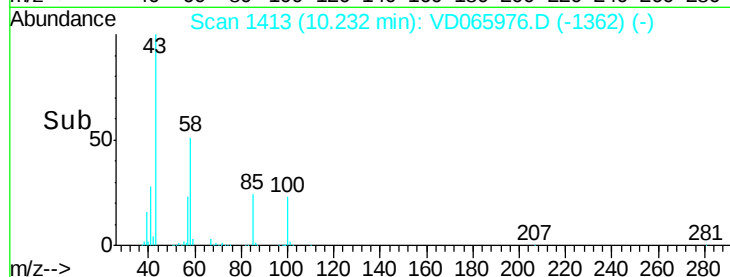
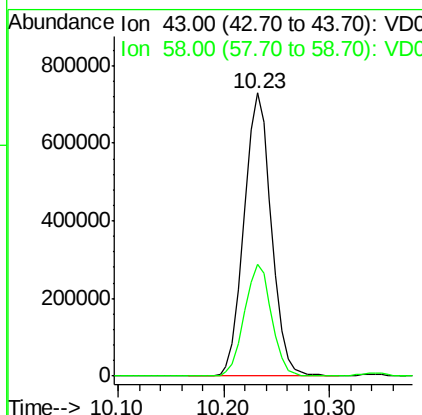
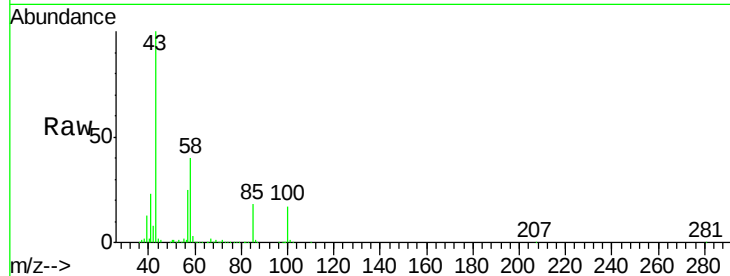




#51
 4-Methyl-2-Pentanone
 Concen: 811.634 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

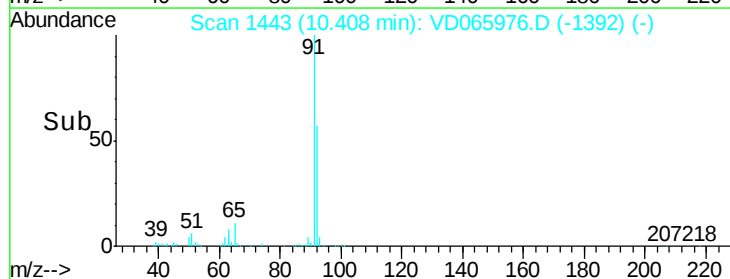
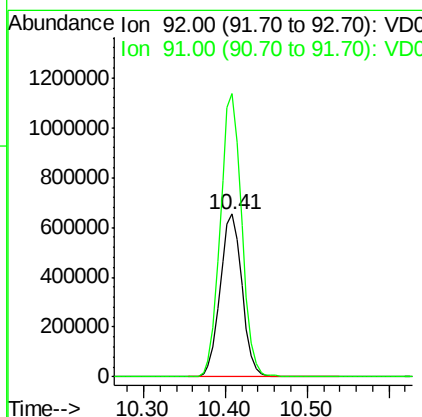
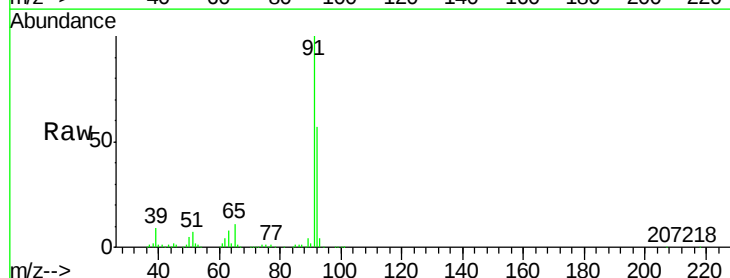
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

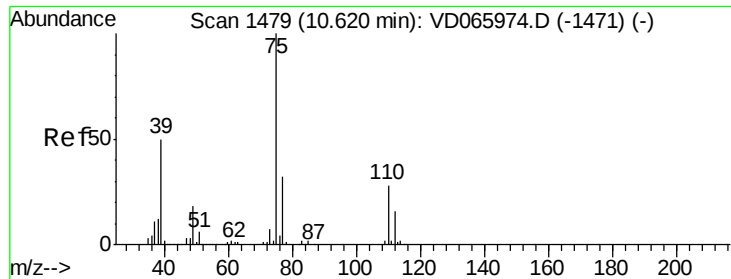
Tgt Ion: 43 Resp: 1308979
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.3 46.9



#52
 Toluene
 Concen: 152.266 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion: 92 Resp: 1216565
 Ion Ratio Lower Upper
 92 100
 91 170.5 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 169.446 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

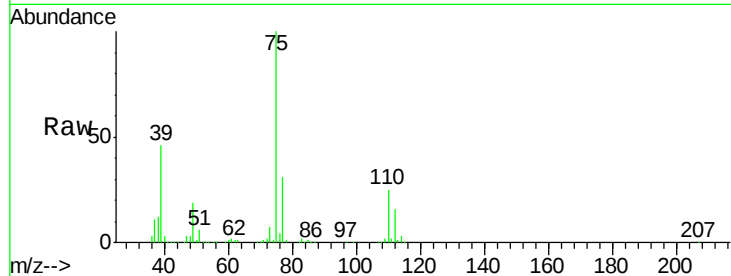
VSTDIC150

Tgt Ion: 75 Resp: 639233

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

400000

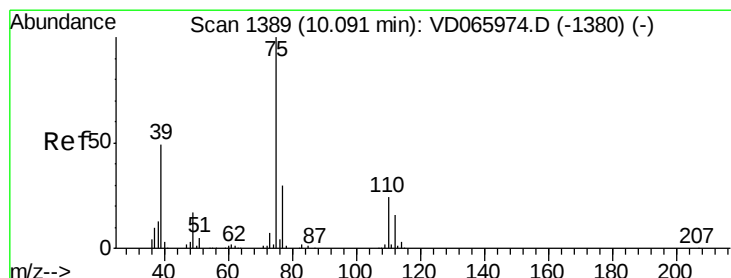
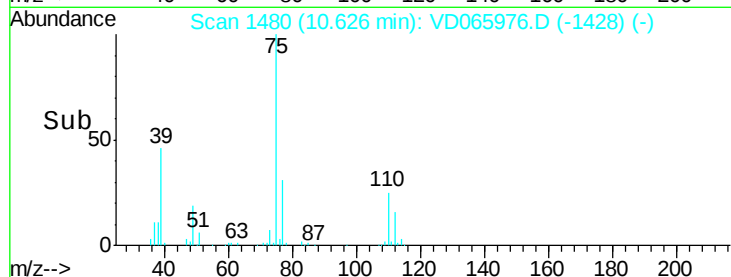
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 162.826 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

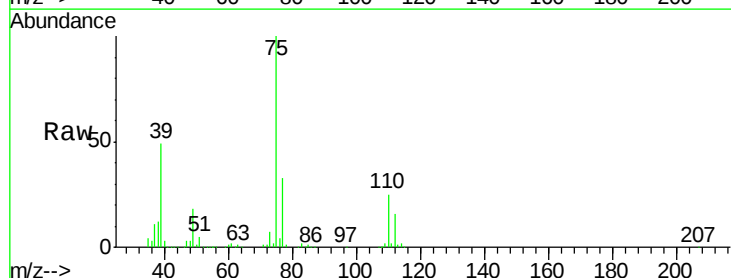
Tgt Ion: 75 Resp: 760270

Ion Ratio Lower Upper

75 100

77 33.2 23.8 35.8

39 49.2 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.09

500000

400000

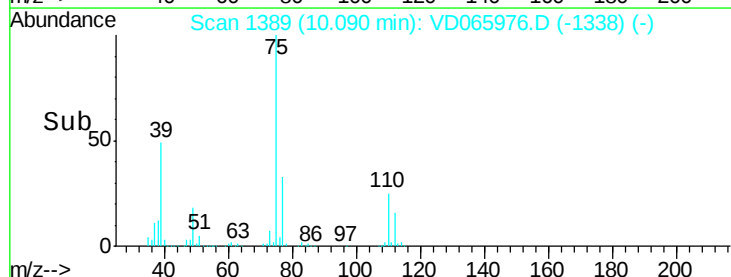
300000

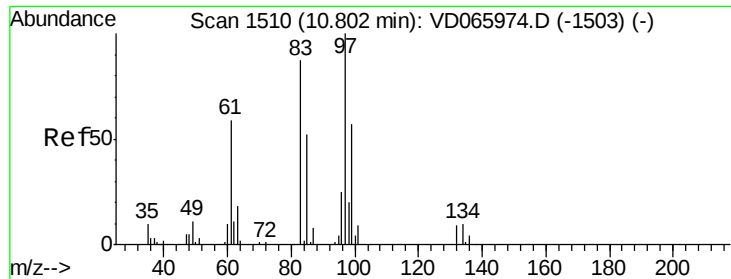
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 154.255 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 97 Resp: 345717

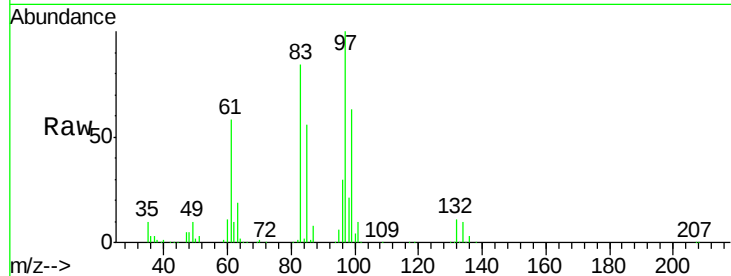
Ion Ratio Lower Upper

97 100

83 84.4 69.7 104.5

85 56.2 41.6 62.4

99 63.1 45.9 68.9

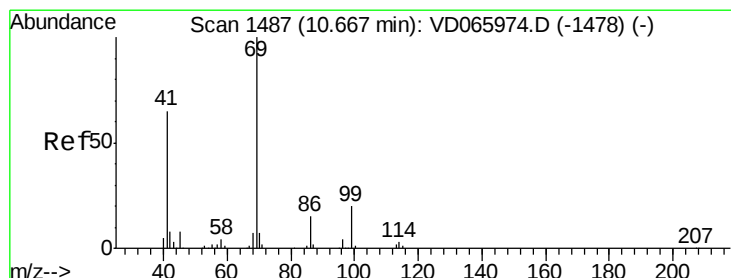
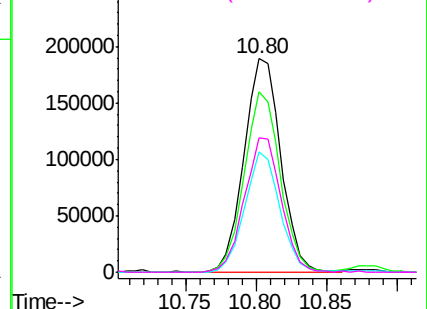
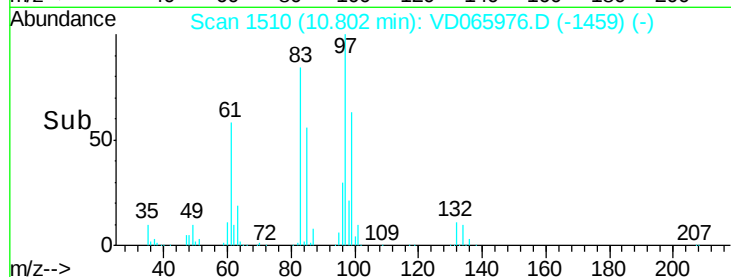


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 175.992 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

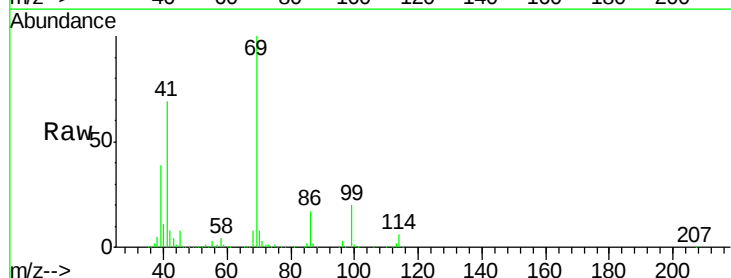
Tgt Ion: 69 Resp: 443283

Ion Ratio Lower Upper

69 100

41 69.0 52.3 78.5

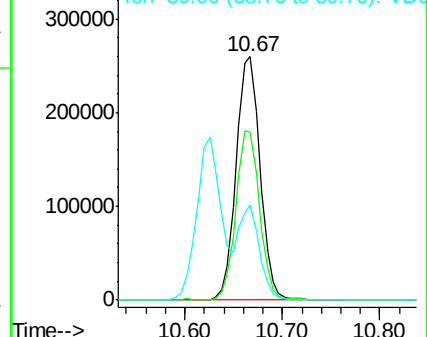
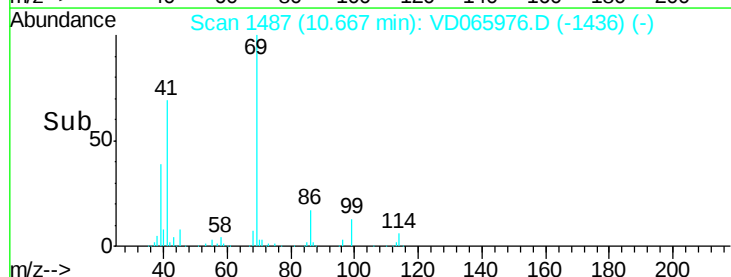
39 33.3 25.2 37.8

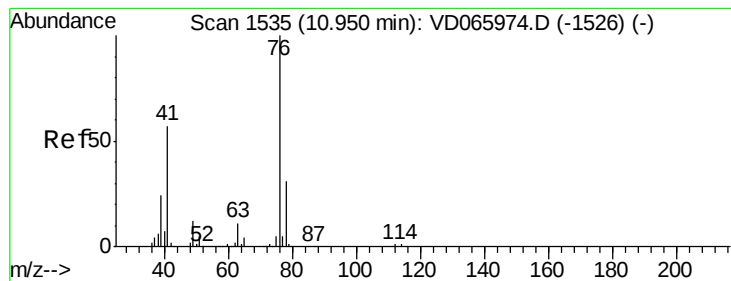


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 158.637 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

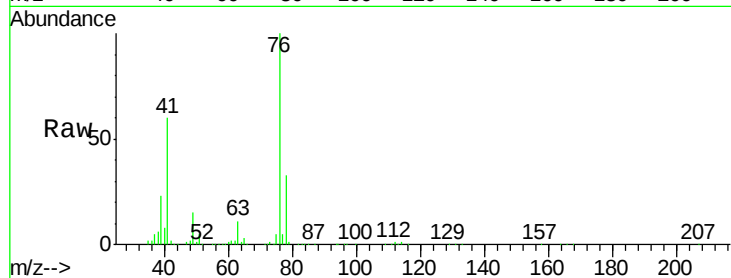
VSTDIC150

Tgt Ion: 76 Resp: 591504

Ion Ratio Lower Upper

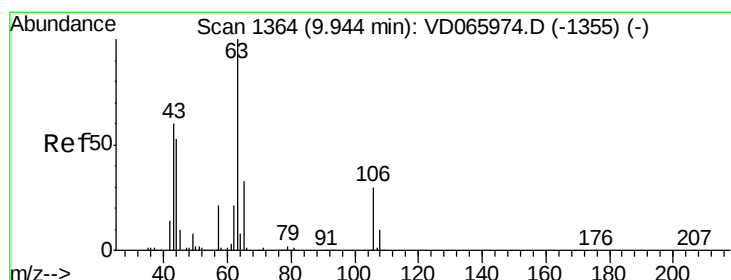
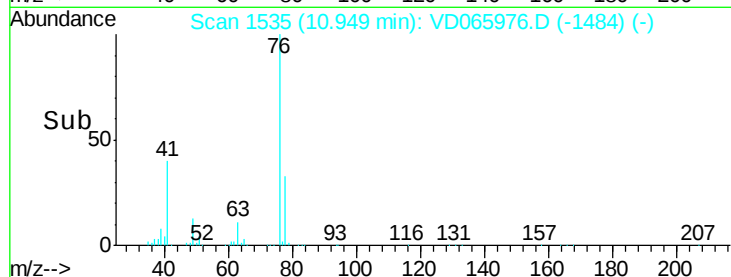
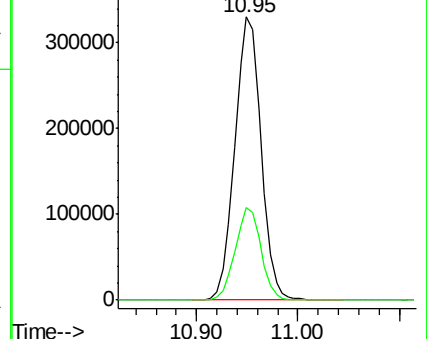
76 100

78 32.2 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 730.242 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD065976.D

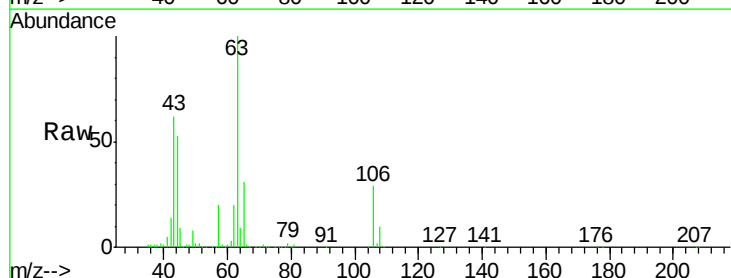
Acq: 21 Jul 2020 12:10

Tgt Ion: 63 Resp: 897739

Ion Ratio Lower Upper

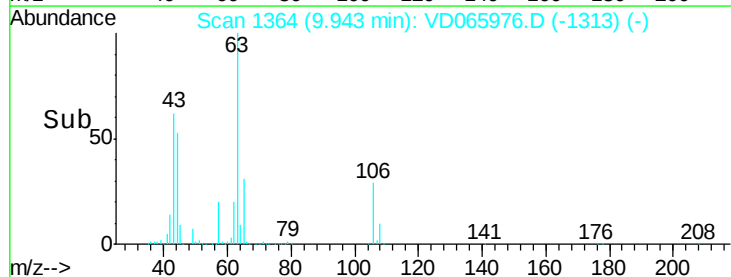
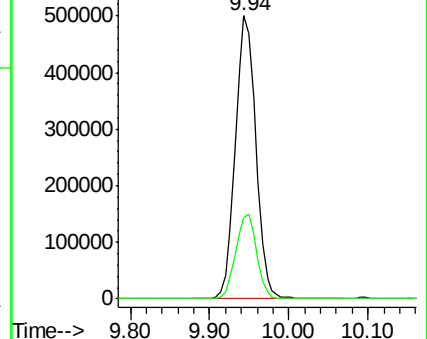
63 100

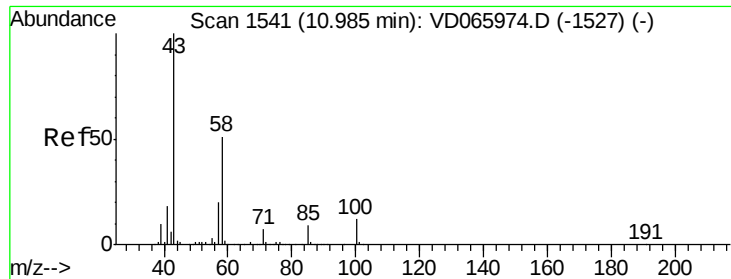
106 30.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

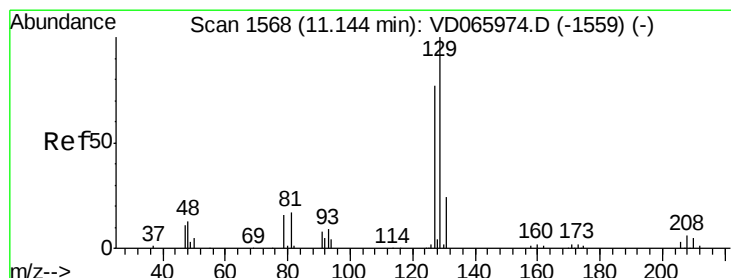
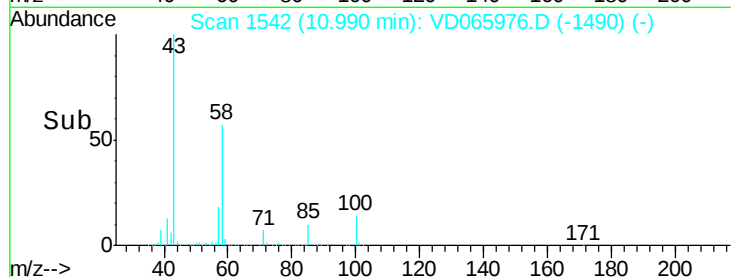
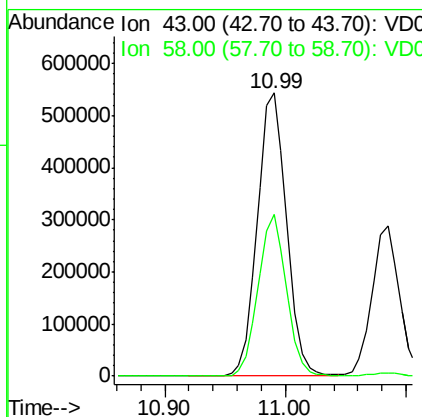
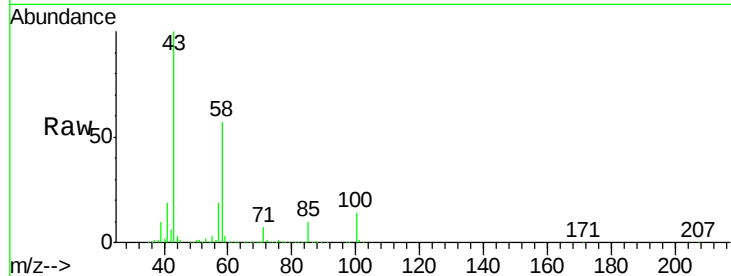




#59
2-Hexanone
Concen: 829.381 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

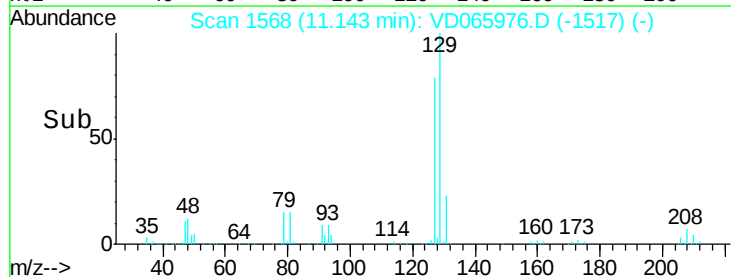
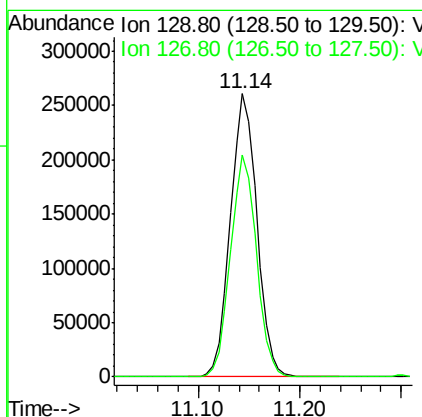
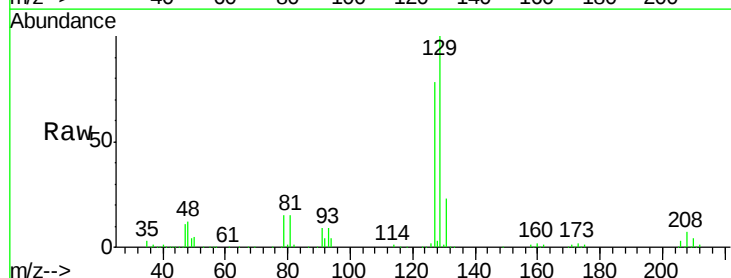
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

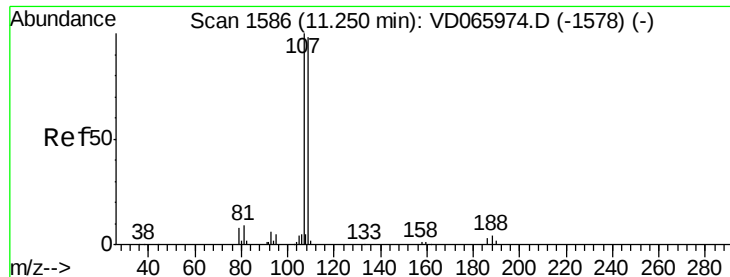
Tgt Ion: 43 Resp: 919151
Ion Ratio Lower Upper
43 100
58 55.2 26.2 78.6



#60
Dibromochloromethane
Concen: 156.391 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion: 129 Resp: 473609
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.7

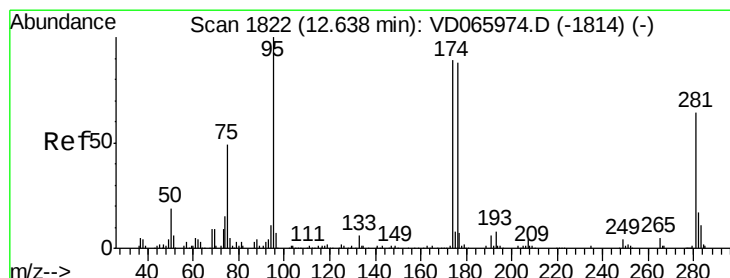
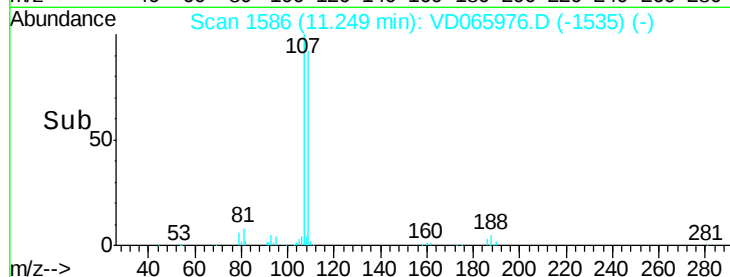
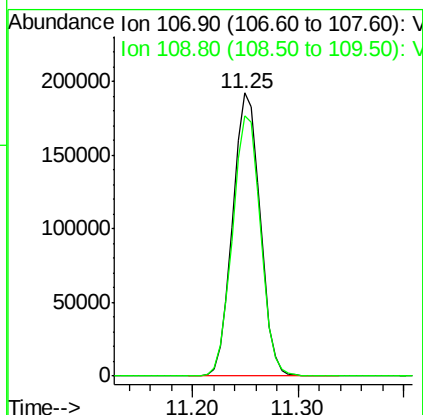
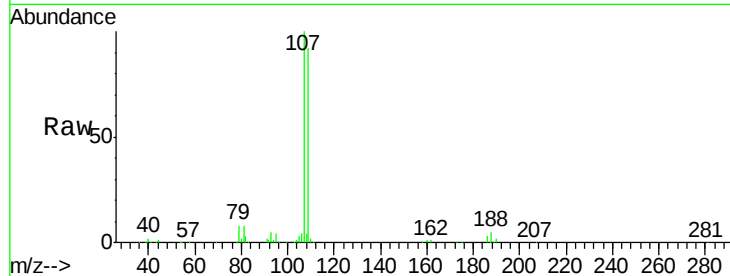




#61
 1,2-Dibromoethane
 Concen: 159.261 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

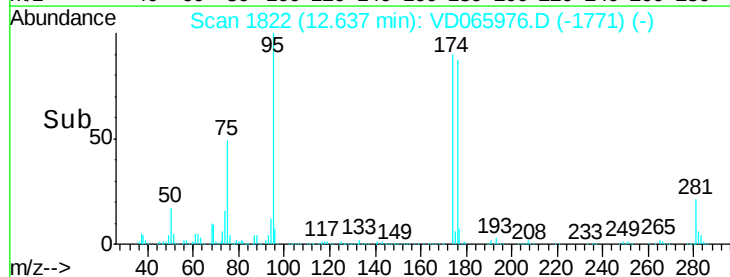
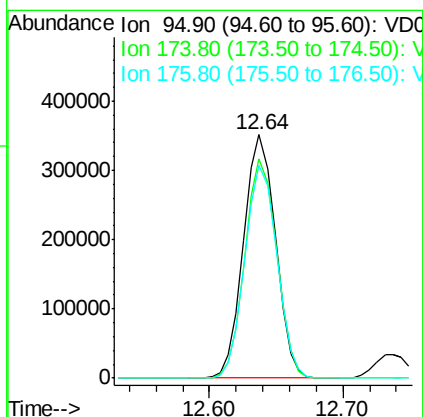
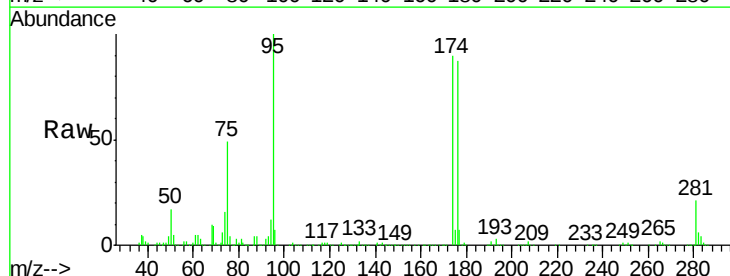
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

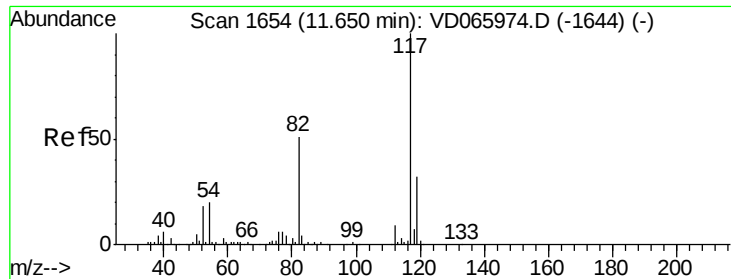
Tgt Ion: 107 Resp: 345243
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 142.957 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion: 95 Resp: 582806
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 178.8
 176 87.8 0.0 172.6

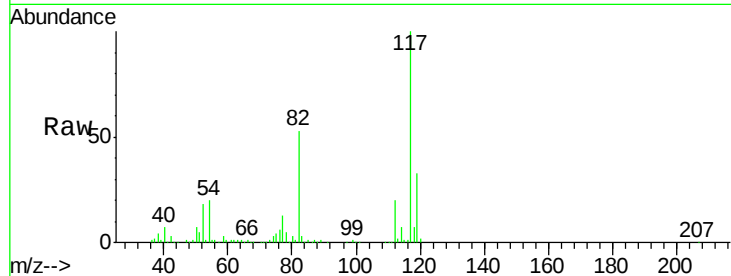




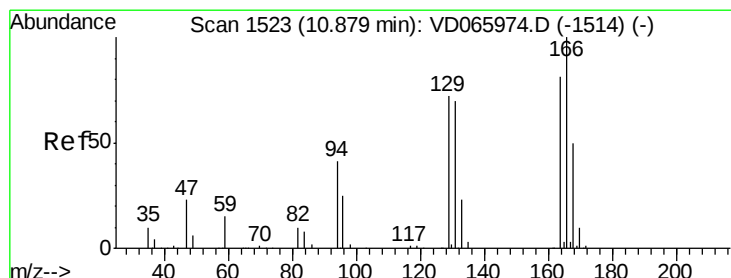
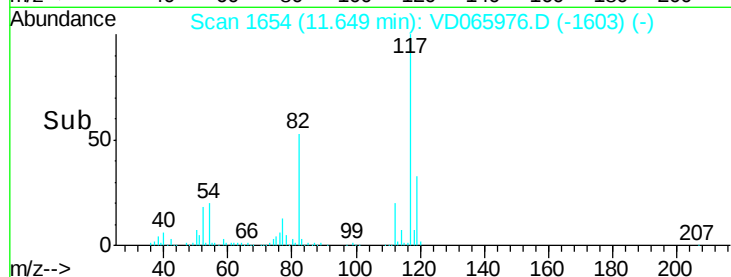
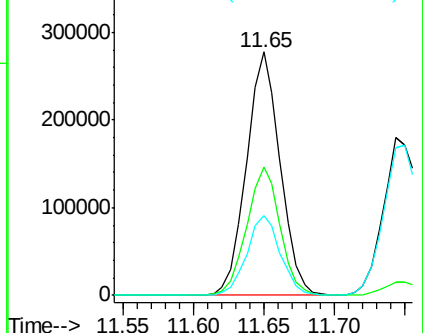
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 464298
Ion Ratio Lower Upper
117 100
82 52.5 41.1 61.7
119 33.0 25.9 38.9

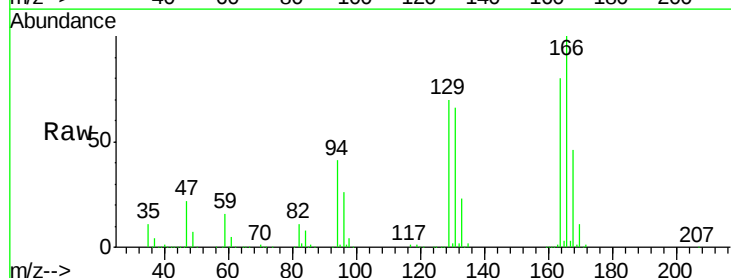


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

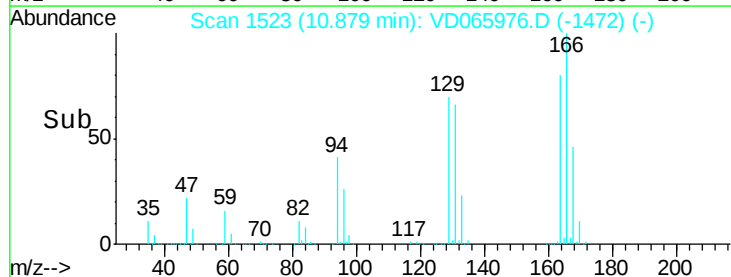
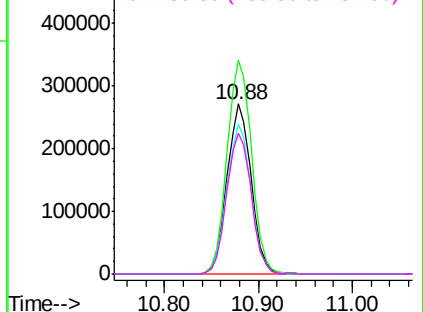


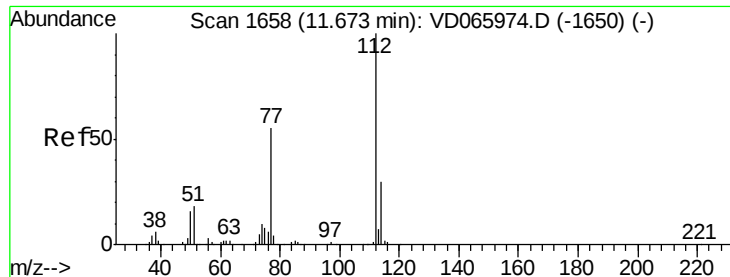
#64
Tetrachloroethene
Concen: 151.678 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion:164 Resp: 481441
Ion Ratio Lower Upper
164 100
166 125.8 99.1 148.7
129 88.3 71.5 107.3
131 83.1 69.8 104.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

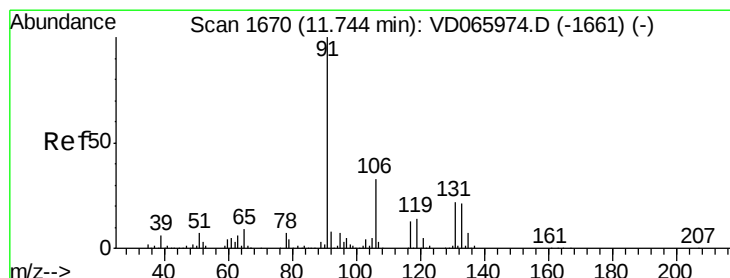
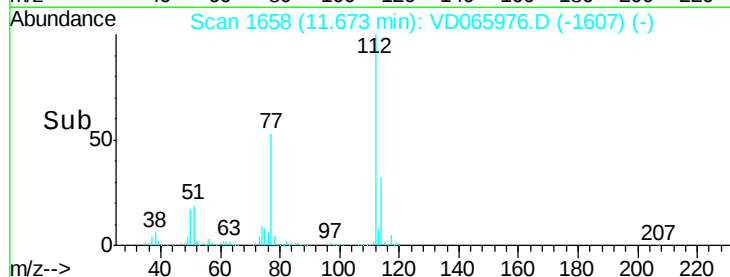
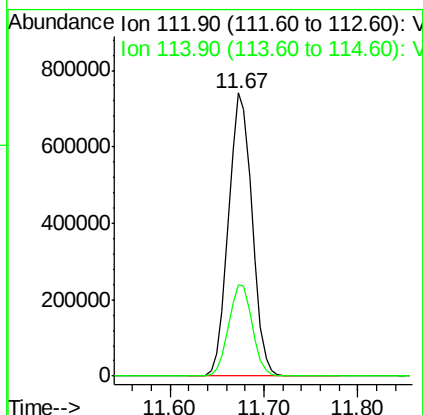
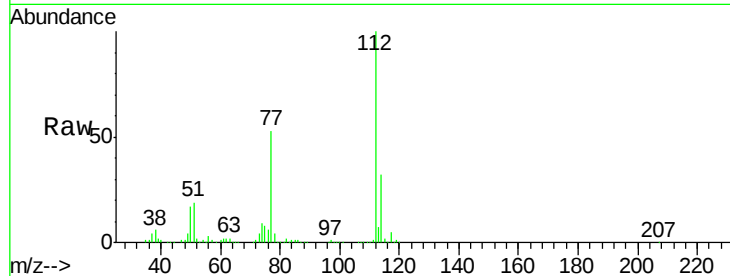




#65
Chlorobenzene
Concen: 150.823 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

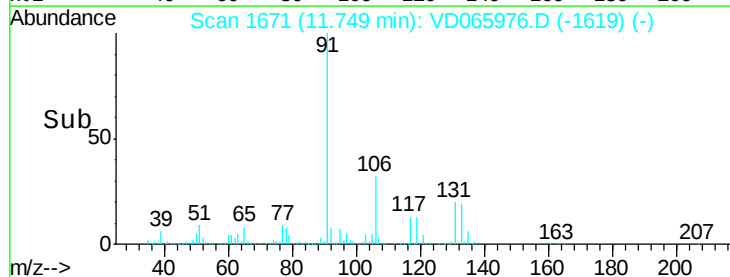
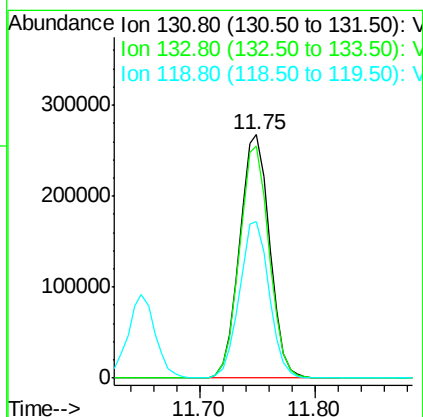
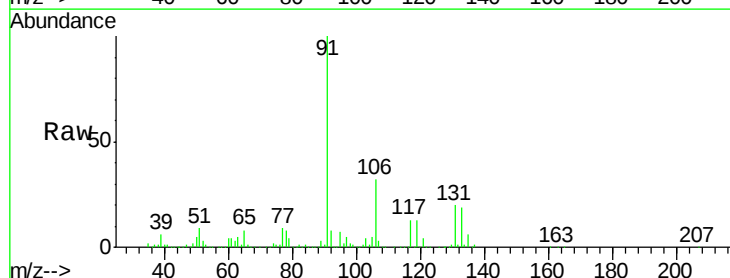
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

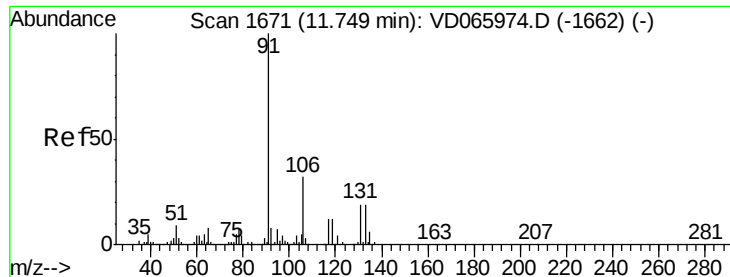
Tgt Ion:112 Resp: 1291799
Ion Ratio Lower Upper
112 100
114 32.1 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 152.650 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion:131 Resp: 483757
Ion Ratio Lower Upper
131 100
133 94.2 47.3 142.0
119 63.6 31.7 95.1





#67

Ethyl Benzene

Concen: 155.670 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

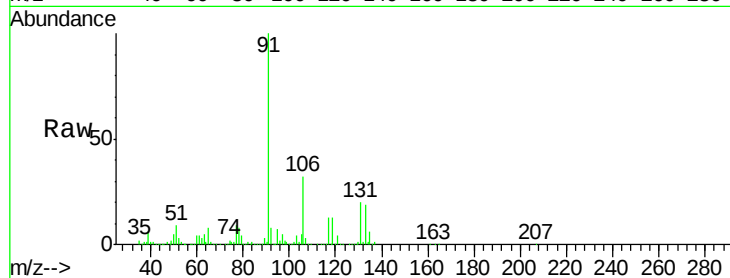
VSTDIC150

Tgt Ion: 91 Resp: 2286821

Ion Ratio Lower Upper

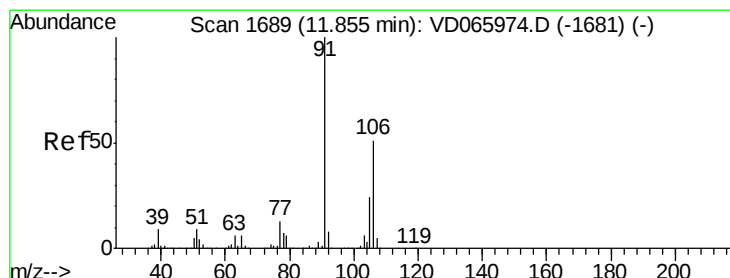
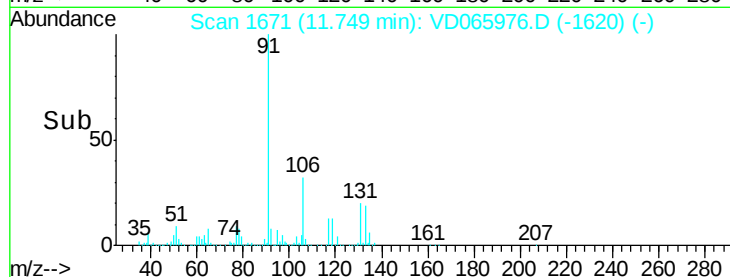
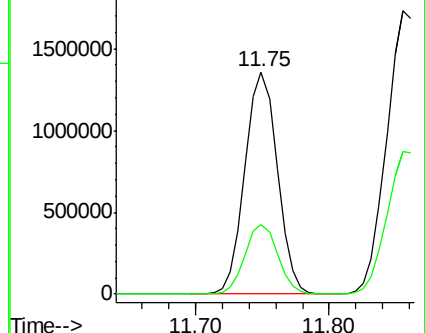
91 100

106 31.6 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VD065976.D (-1662) (-)

Ion 106.00 (105.70 to 106.70): VD065976.D (-1662) (-)



#68

m/p-Xylenes

Concen: 309.405 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065976.D

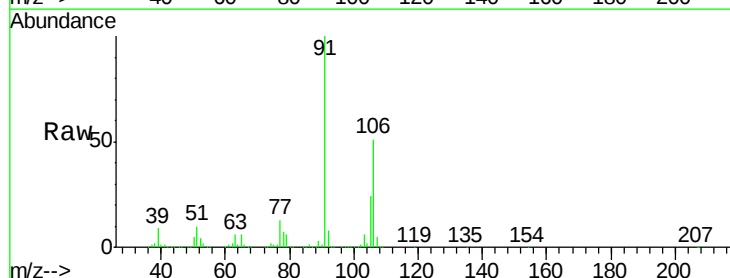
Acq: 21 Jul 2020 12:10

Tgt Ion: 106 Resp: 1757736

Ion Ratio Lower Upper

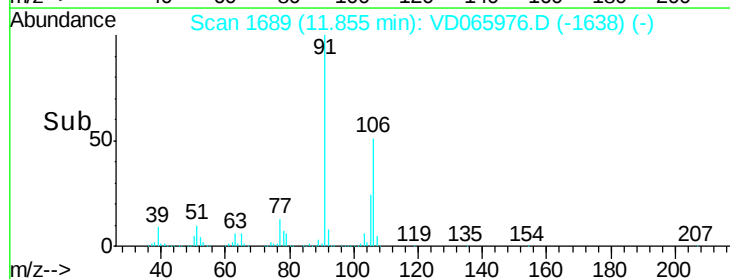
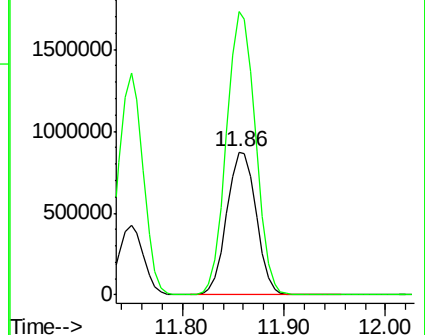
106 100

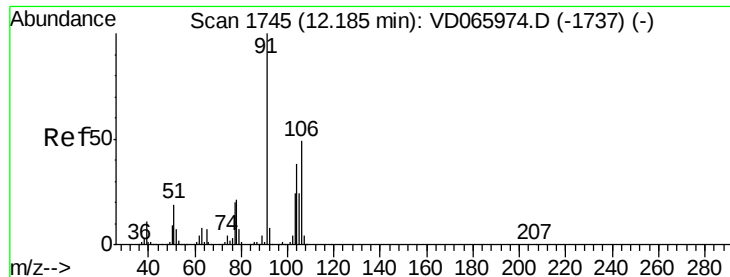
91 194.9 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): VD065976.D (-1638) (-)

Ion 91.00 (90.70 to 91.70): VD065976.D (-1638) (-)

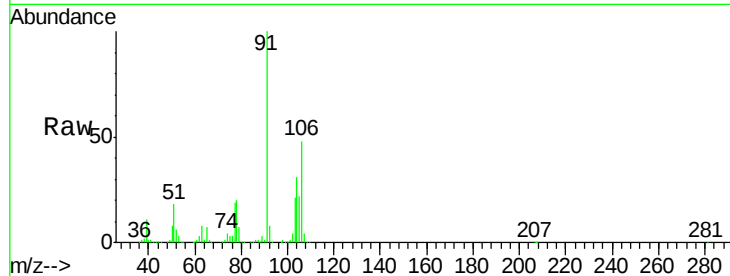




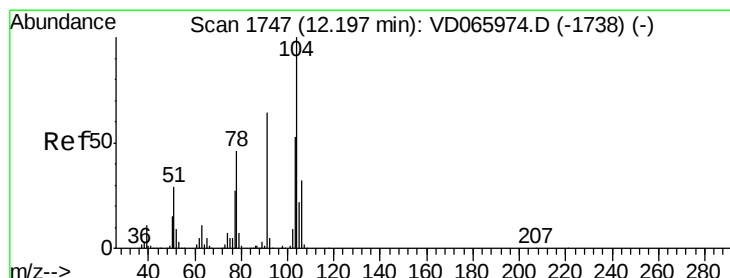
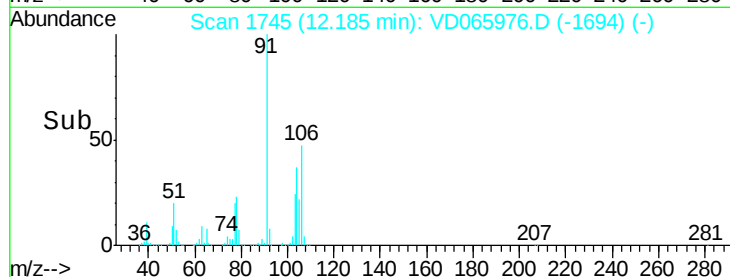
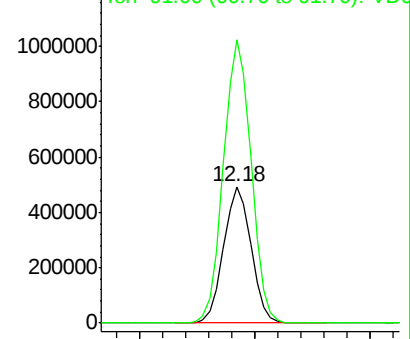
#69
o-Xylene
Concen: 160.262 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 810504
Ion Ratio Lower Upper
106 100
91 209.3 103.1 309.3

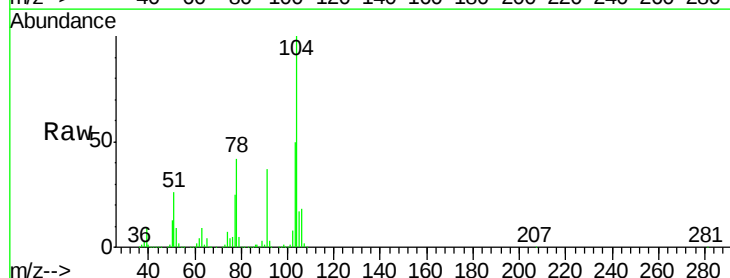


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VD

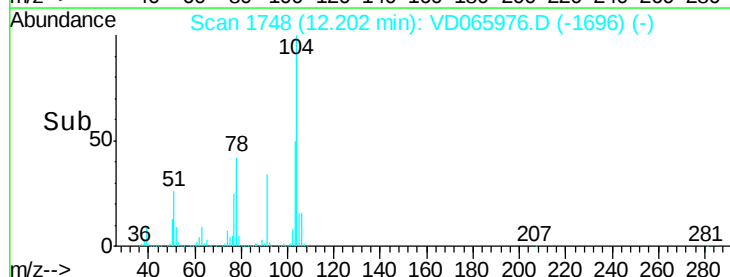
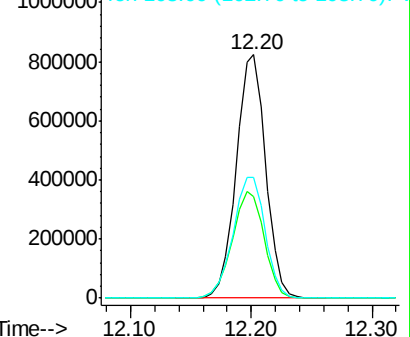


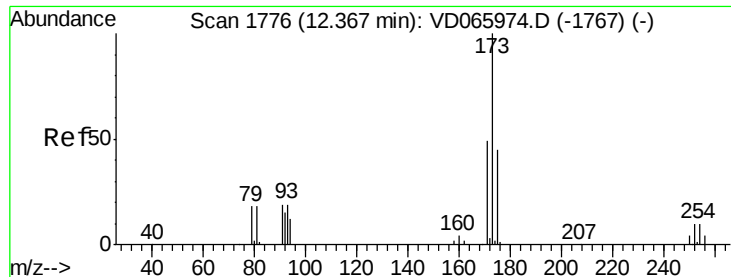
#70
Styrene
Concen: 159.908 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion:104 Resp: 1399862
Ion Ratio Lower Upper
104 100
78 47.8 38.3 57.5
103 54.5 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VD
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 164.525 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

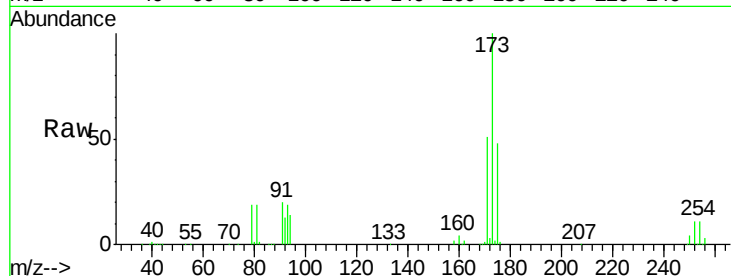
Tgt Ion:173 Resp: 293022

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.3

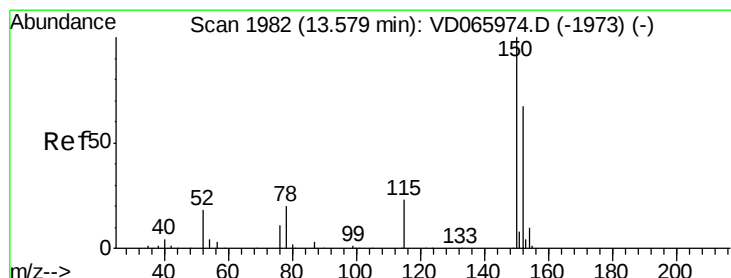
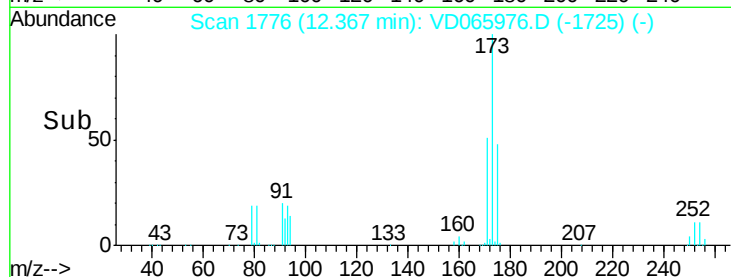
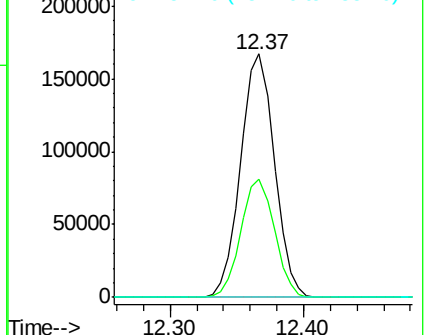
254 0.2 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

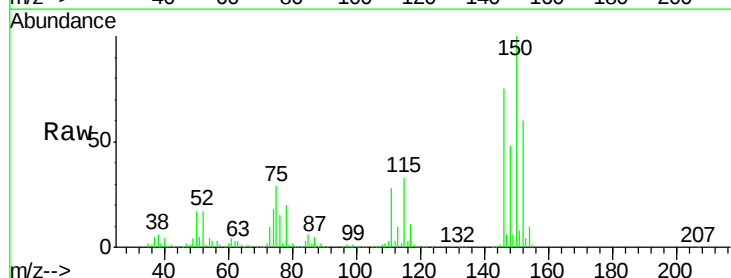
Tgt Ion:152 Resp: 231502

Ion Ratio Lower Upper

152 100

115 55.9 27.9 83.7

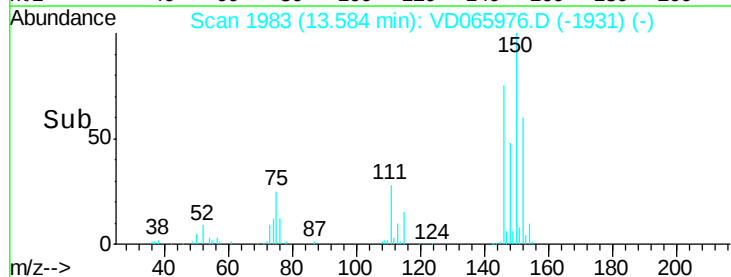
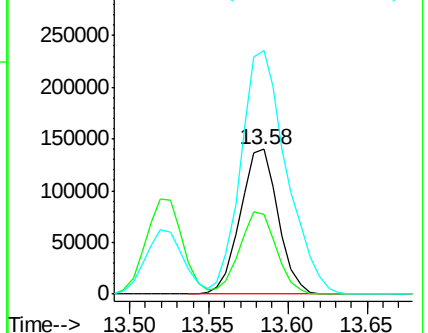
150 203.1 0.0 348.2

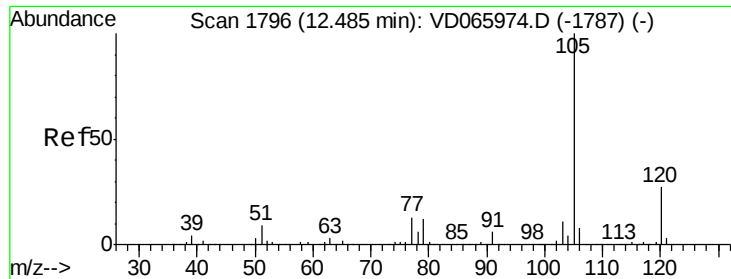


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 159.877 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

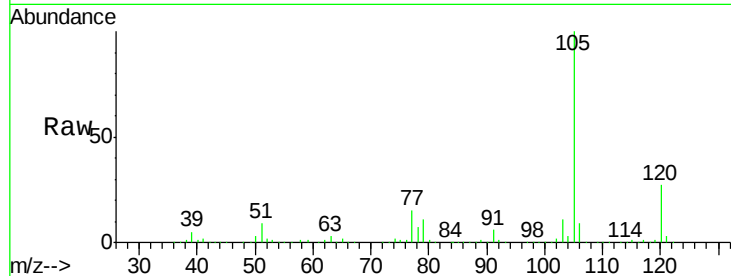
VSTDIC150

Tgt Ion:105 Resp: 2216802

Ion Ratio Lower Upper

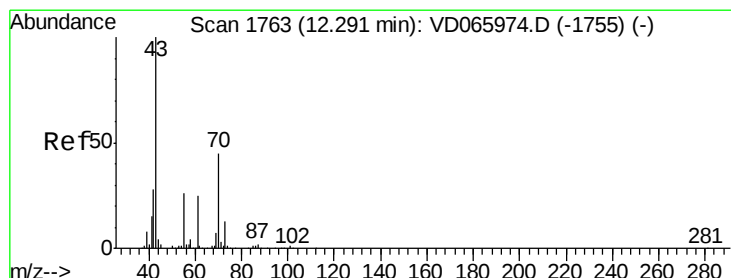
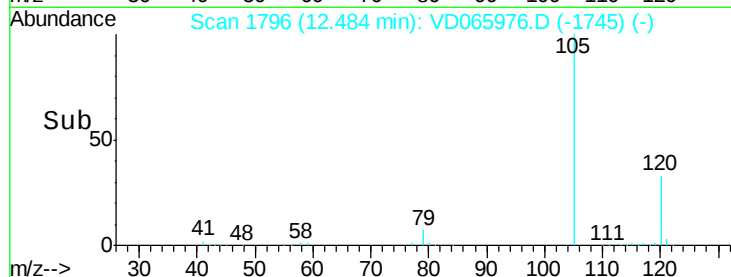
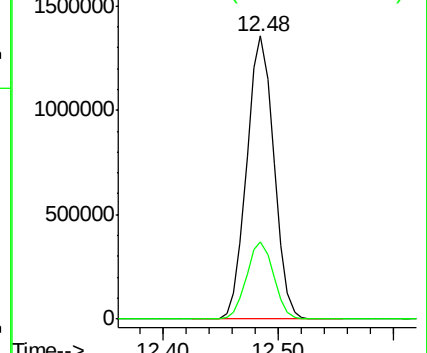
105 100

120 27.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 178.752 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Tgt Ion: 43 Resp: 498514

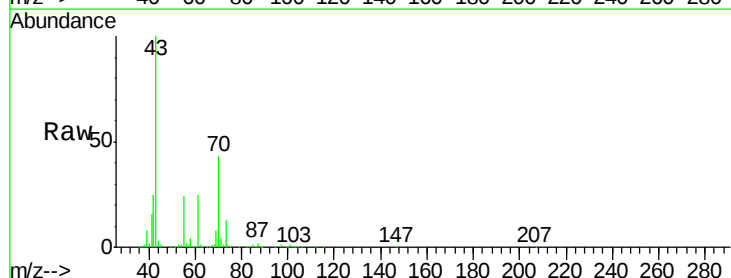
Ion Ratio Lower Upper

43 100

70 41.9 34.6 51.8

55 24.0 20.3 30.5

61 24.5 19.5 29.3

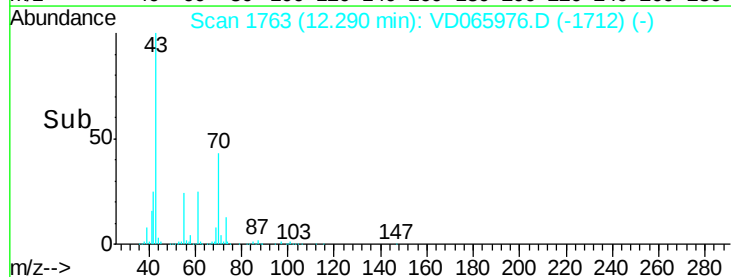
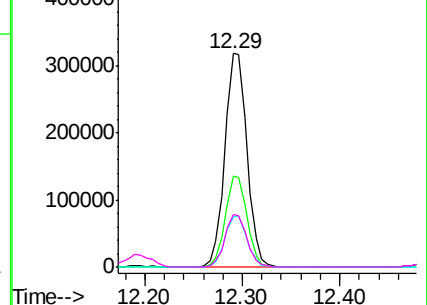


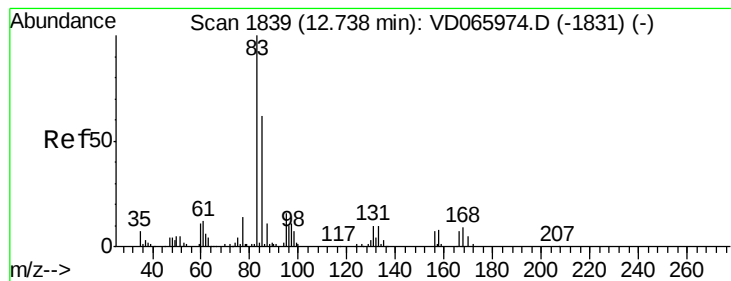
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 158.657 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

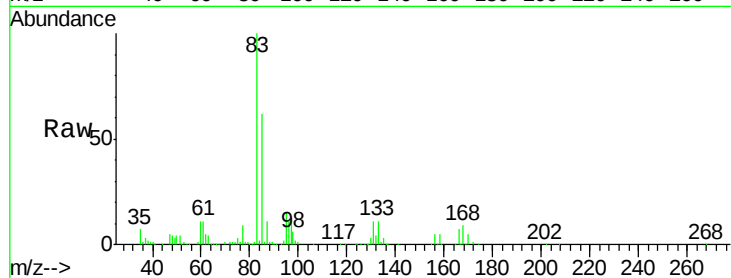
Tgt Ion: 83 Resp: 363856

Ion Ratio Lower Upper

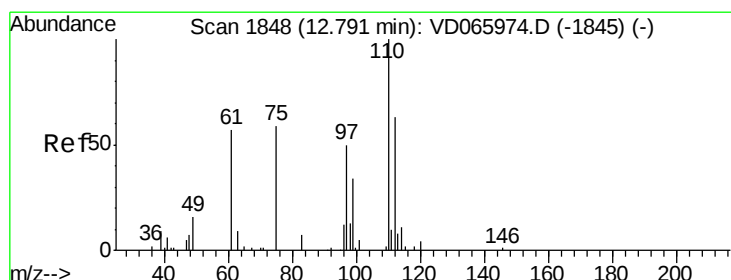
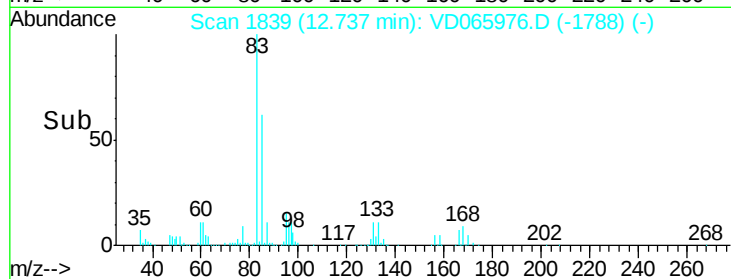
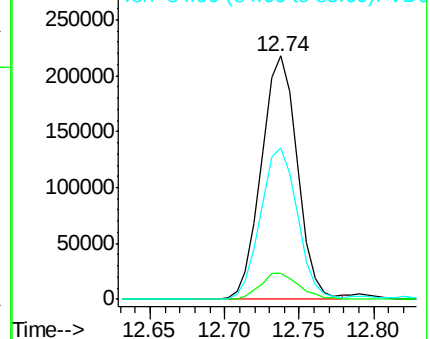
83 100

131 11.7 5.7 17.1

85 63.9 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 232.862 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065976.D

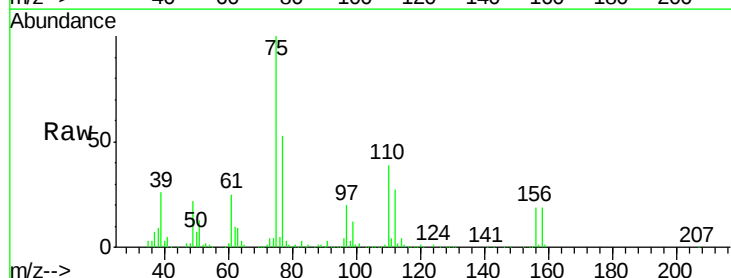
Acq: 21 Jul 2020 12:10

Tgt Ion: 75 Resp: 479126

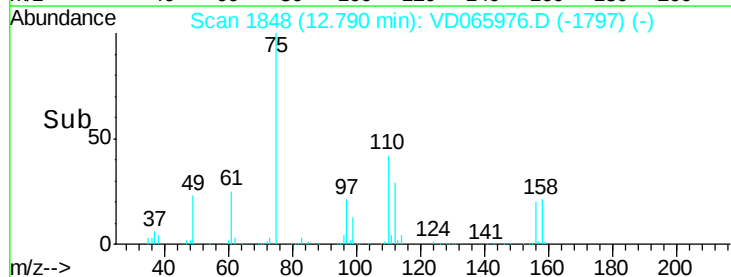
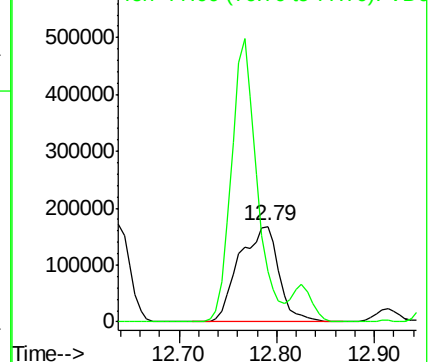
Ion Ratio Lower Upper

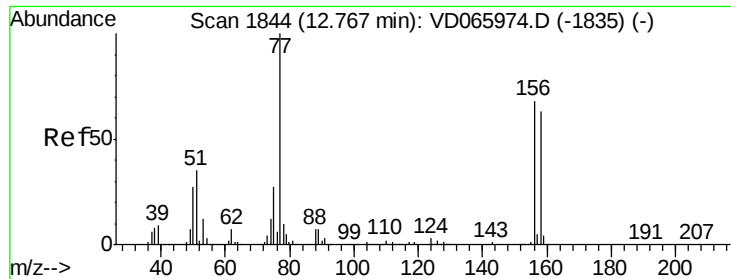
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 156.657 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

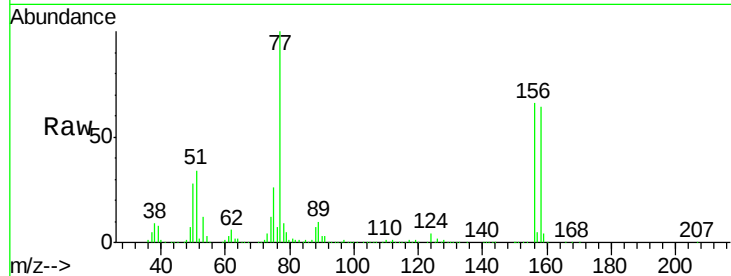
Tgt Ion:156 Resp: 560724

Ion Ratio Lower Upper

156 100

77 161.3 83.0 249.0

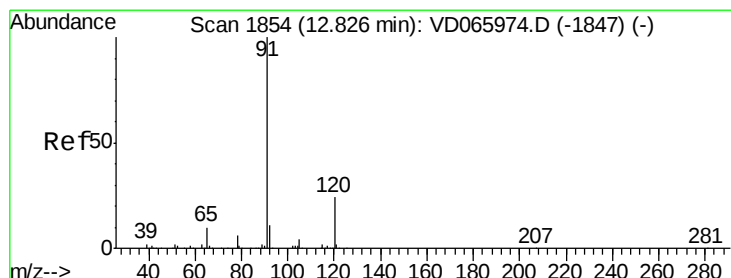
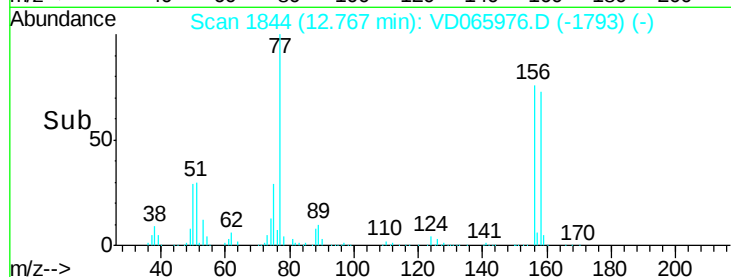
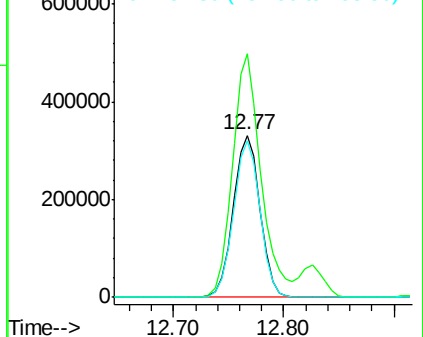
158 96.3 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 156.869 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065976.D

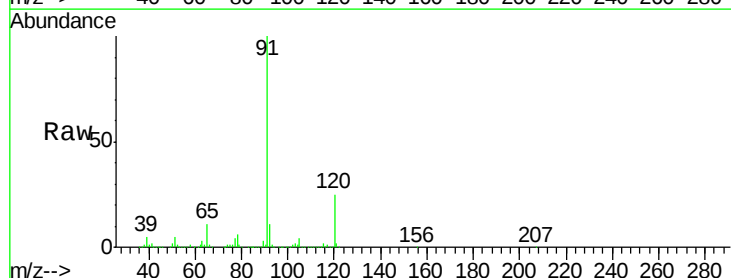
Acq: 21 Jul 2020 12:10

Tgt Ion: 91 Resp: 2548628

Ion Ratio Lower Upper

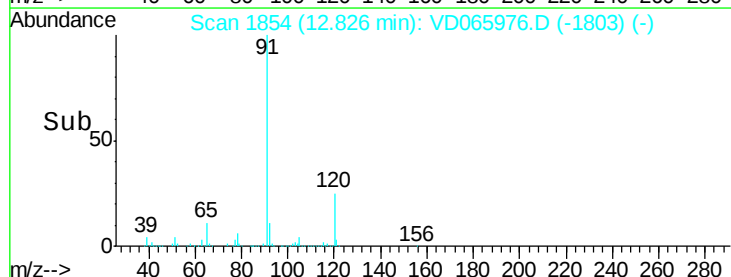
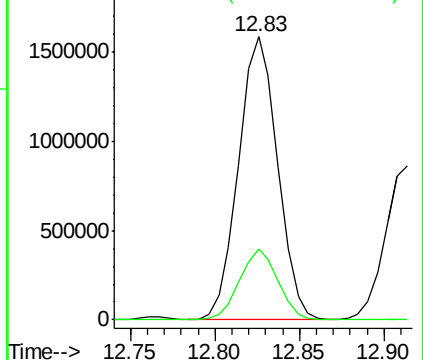
91 100

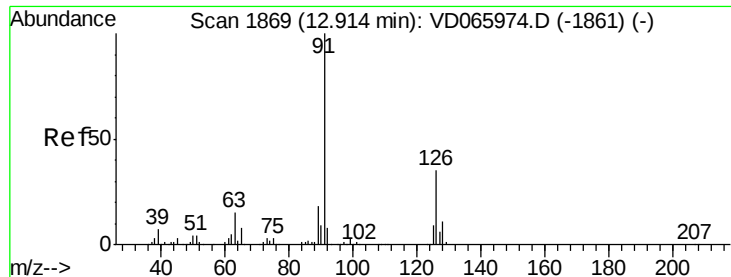
120 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

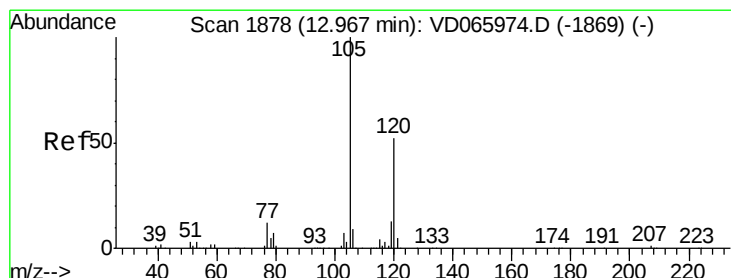
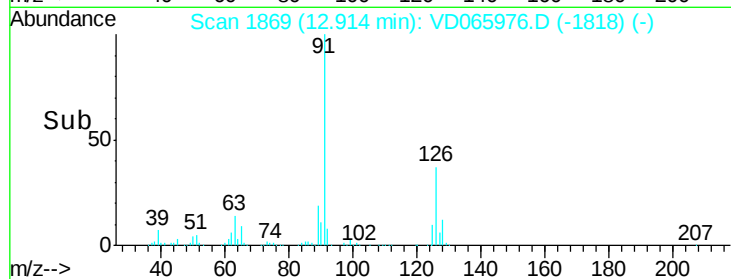
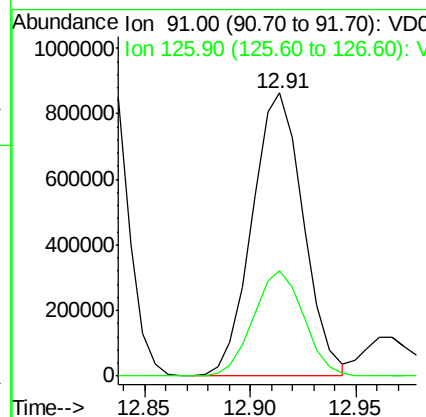
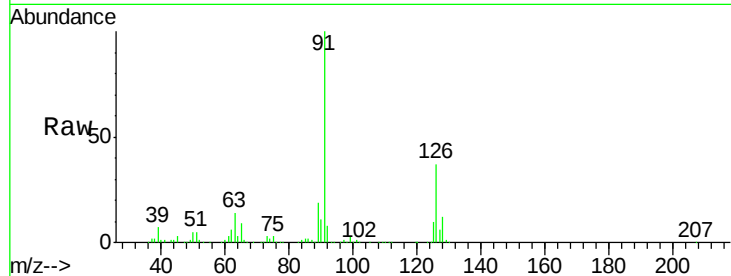




#79
 2-Chlorotoluene
 Concen: 156.901 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

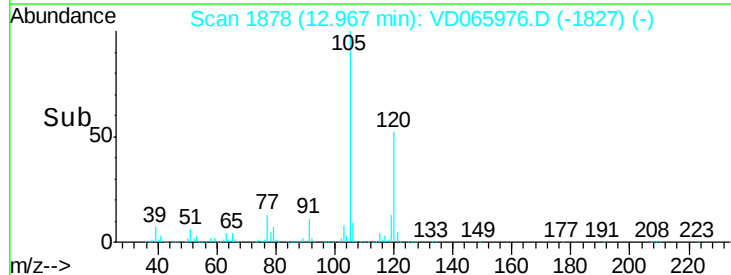
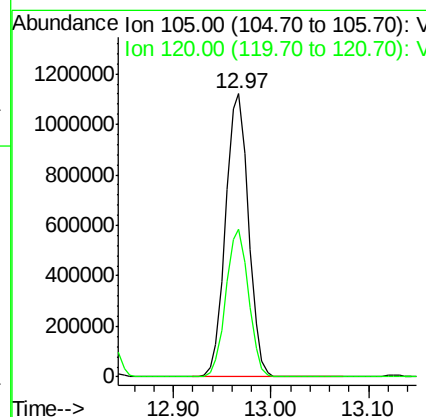
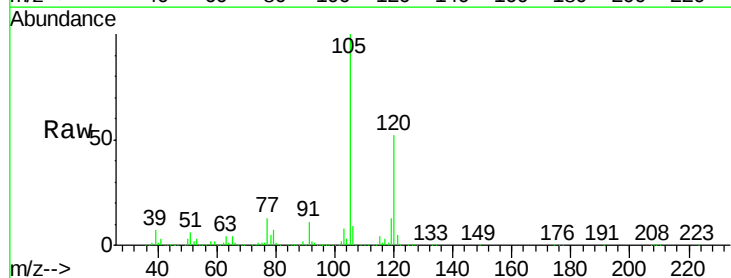
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

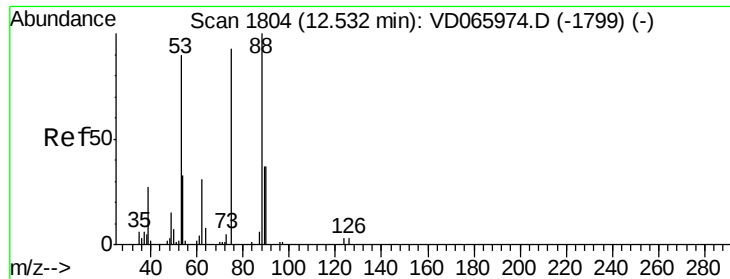
Tgt Ion: 91 Resp: 1455161
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 157.726 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion: 105 Resp: 1821707
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 176.507 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

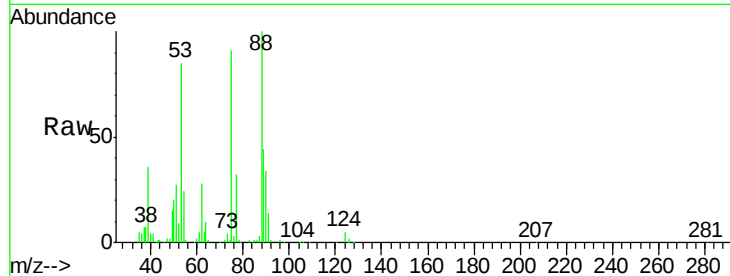
Tgt Ion: 75 Resp: 129430

Ion Ratio Lower Upper

75 100

53 93.1 76.8 115.2

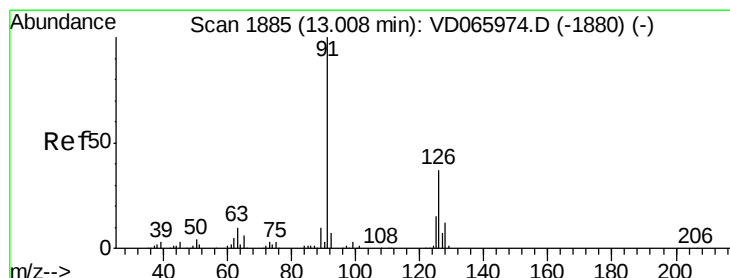
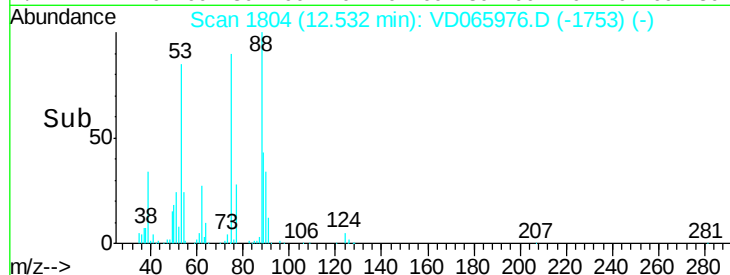
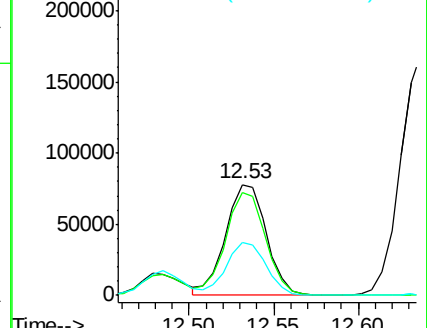
89 46.8 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 153.944 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065976.D

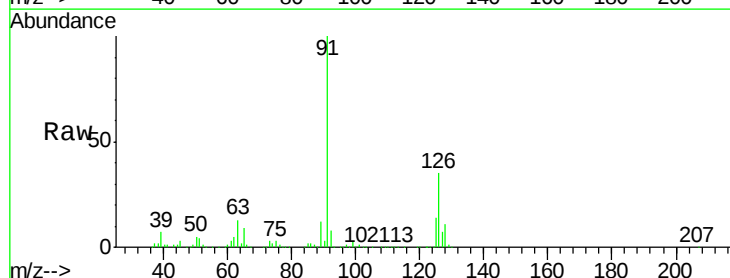
Acq: 21 Jul 2020 12:10

Tgt Ion: 91 Resp: 1516658

Ion Ratio Lower Upper

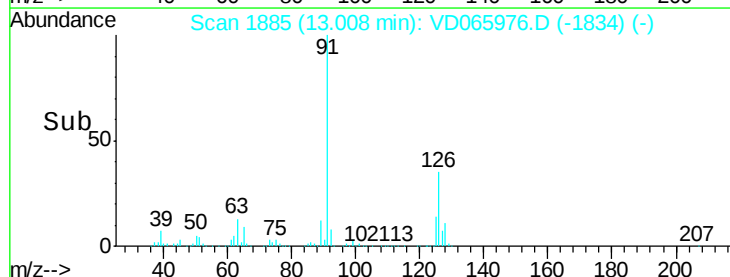
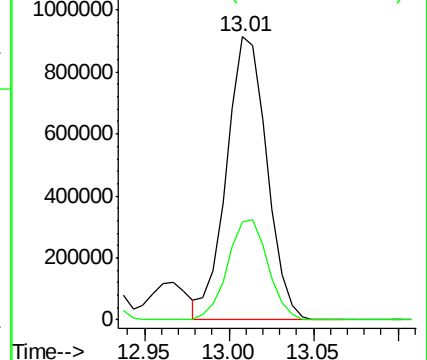
91 100

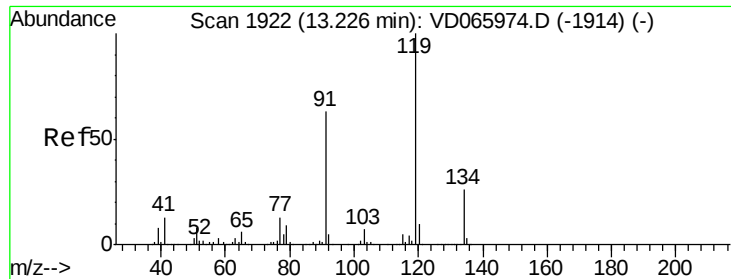
126 35.4 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

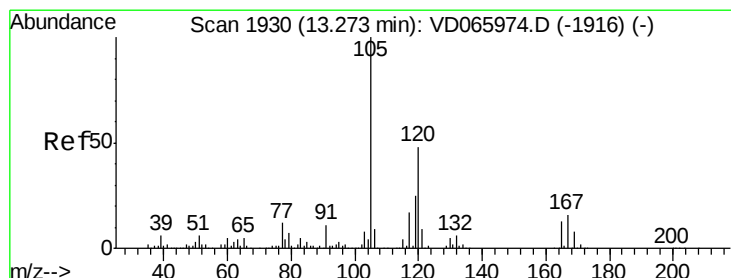
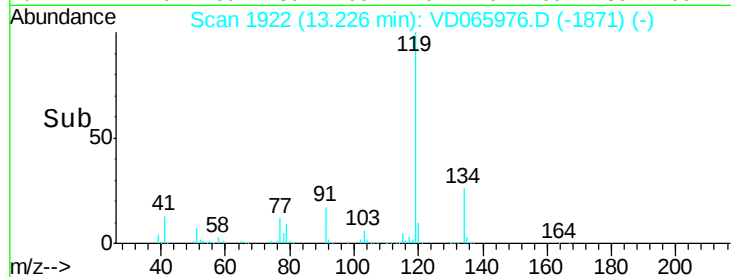
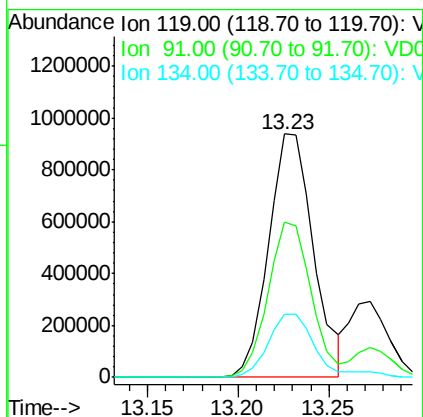
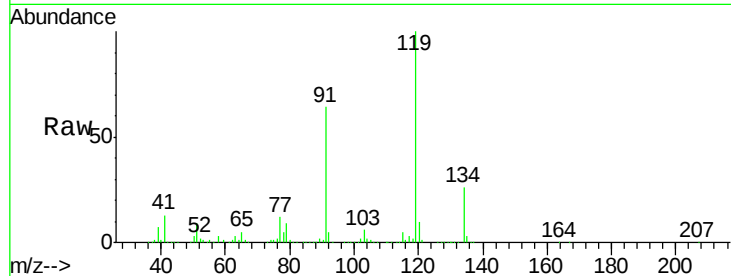




#83
 tert-Butylbenzene
 Concen: 161.667 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

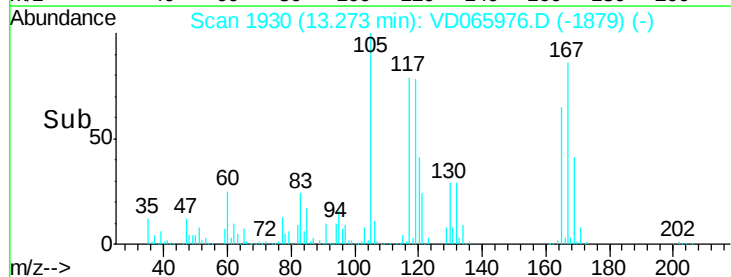
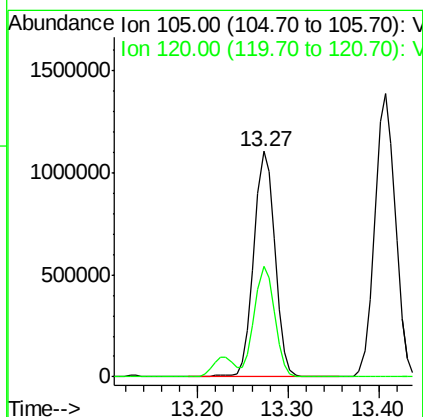
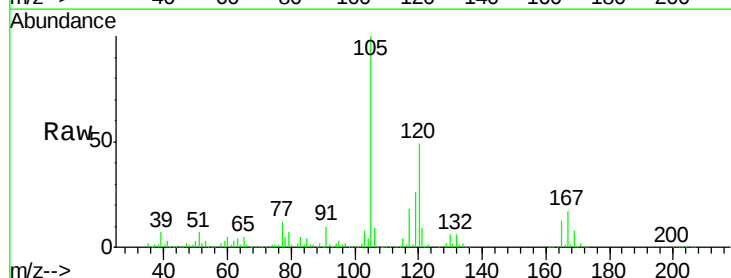
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

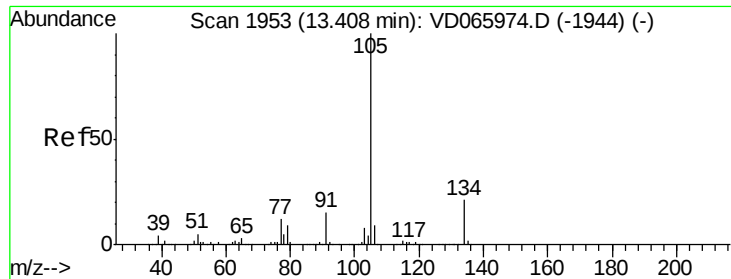
Tgt Ion:119 Resp: 1621586
 Ion Ratio Lower Upper
 119 100
 91 61.3 30.6 91.6
 134 27.6 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 157.421 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion:105 Resp: 1783294
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.9 71.8

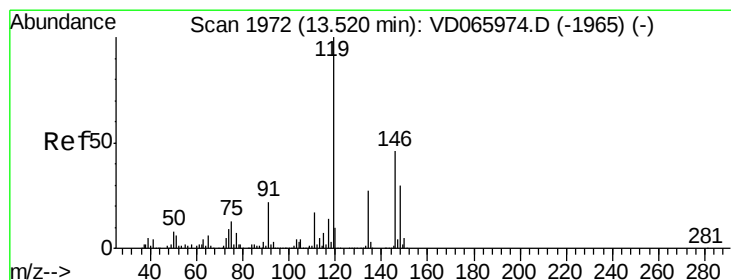
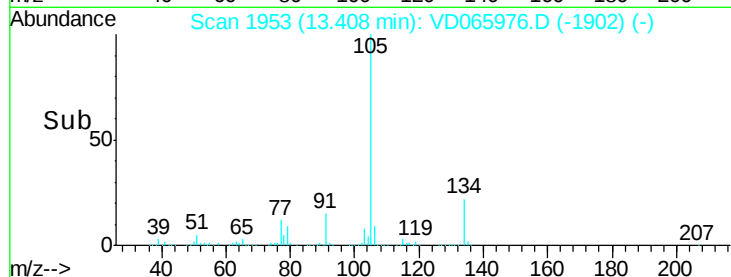
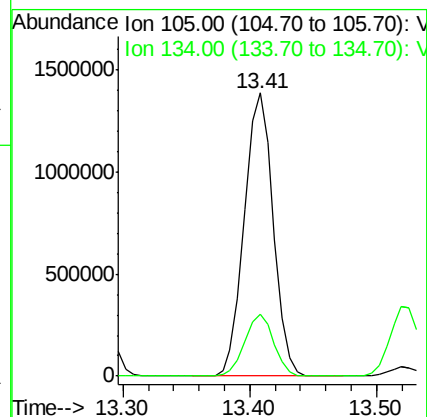
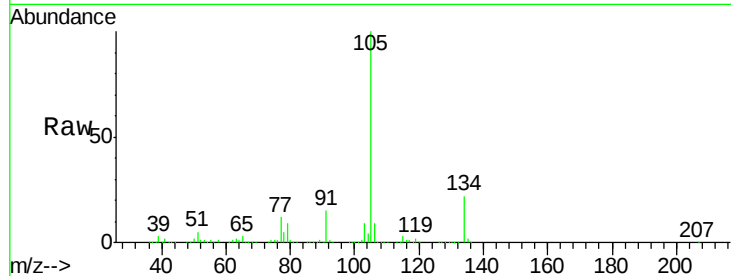




#85
 sec-Butylbenzene
 Concen: 158.560 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

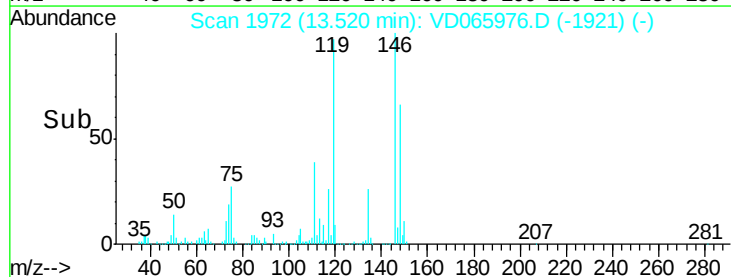
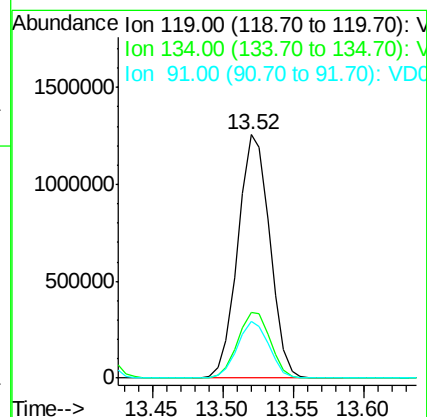
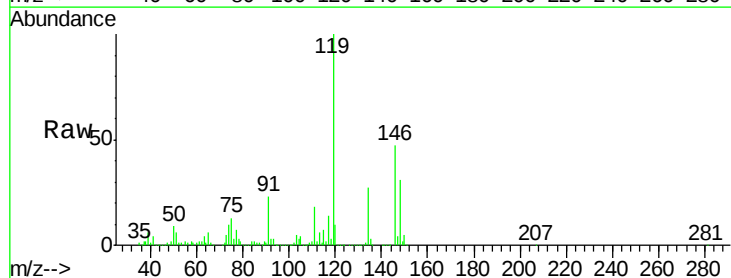
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

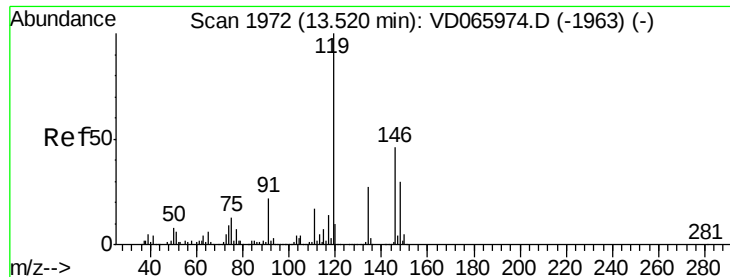
Tgt Ion:105 Resp: 2198969
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 158.873 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion:119 Resp: 1983947
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.4 40.2
 91 22.8 11.1 33.3

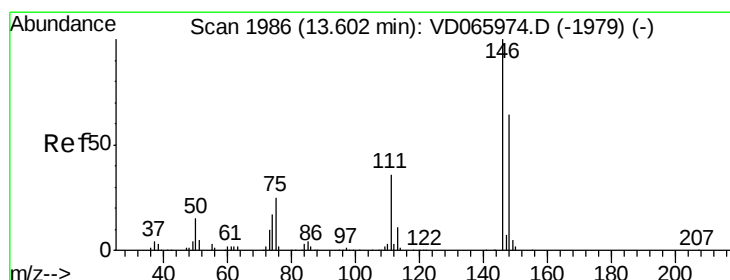
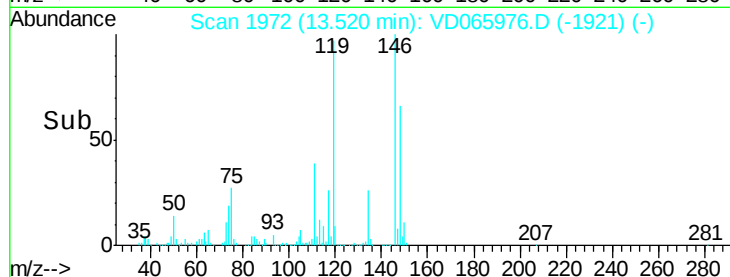
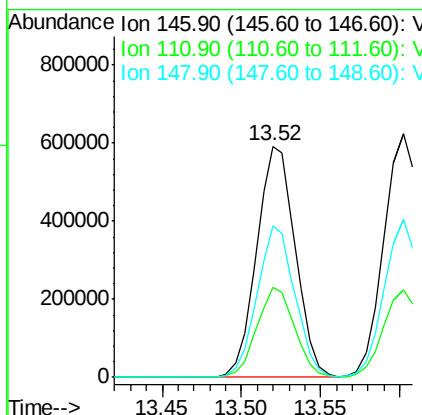
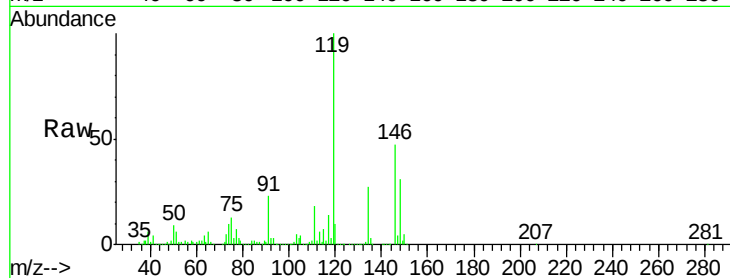




#87
 1,3-Dichlorobenzene
 Concen: 148.457 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

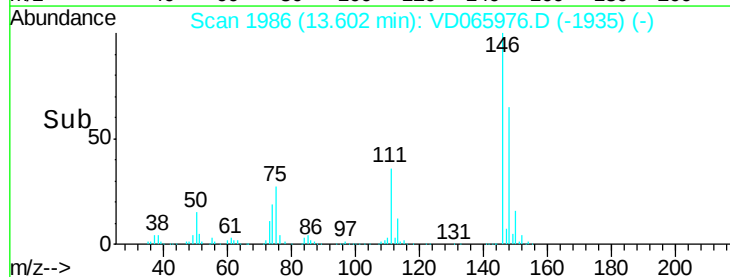
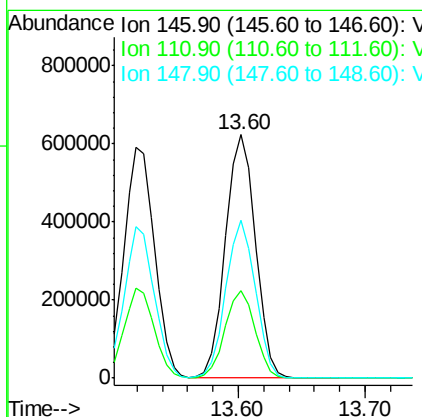
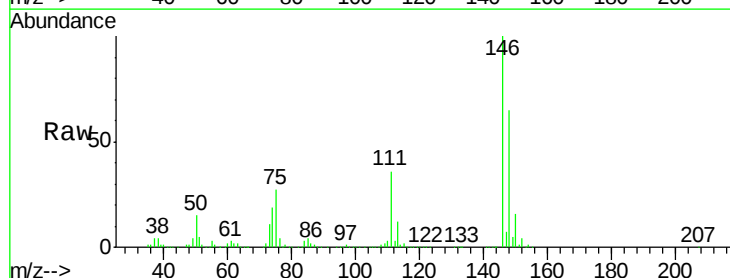
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

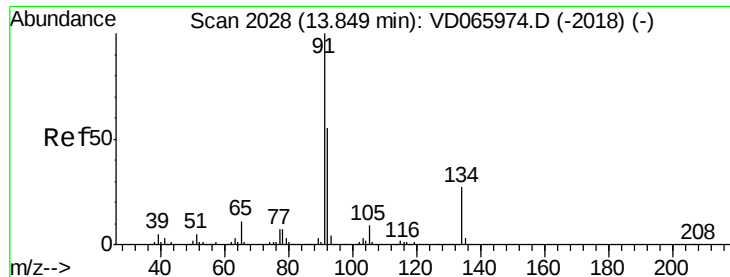
Tgt Ion:146 Resp: 1003139
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 55.6
 148 64.3 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 150.462 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion:146 Resp: 1018981
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.8 56.4
 148 63.8 32.2 96.6

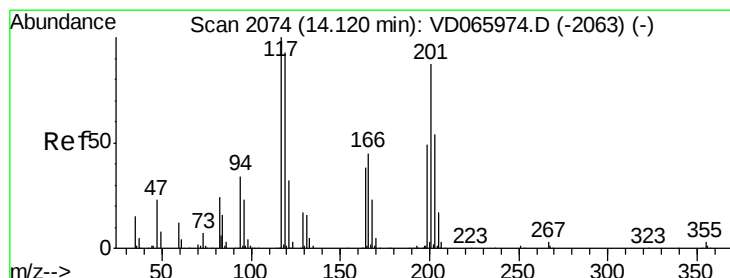
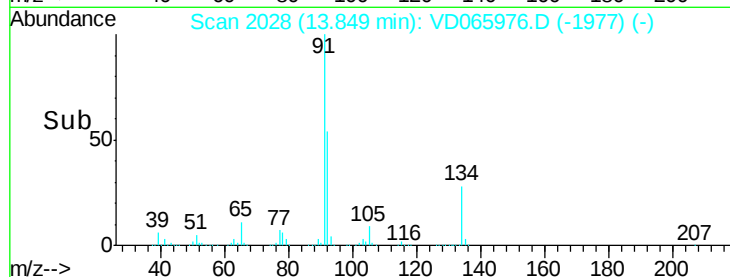
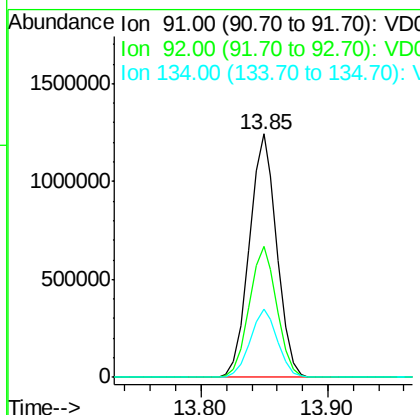
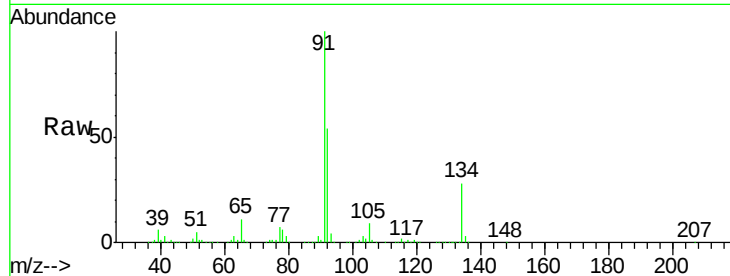




#89
n-Butylbenzene
Concen: 161.575 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

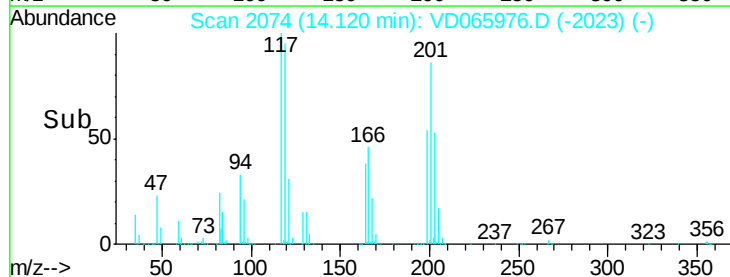
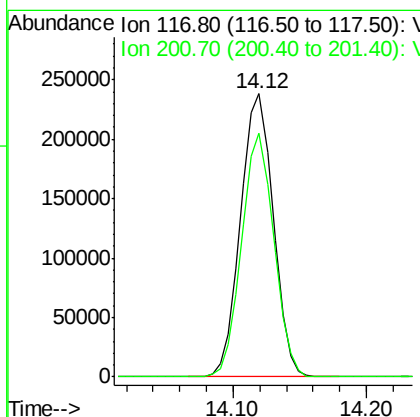
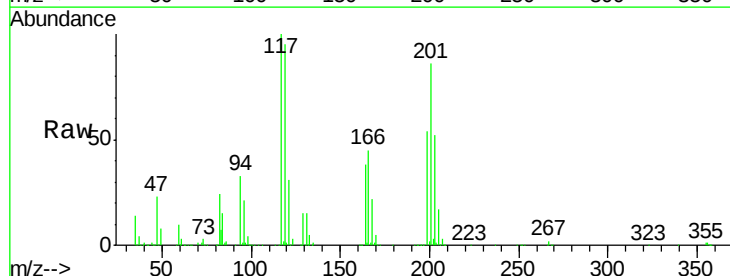
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

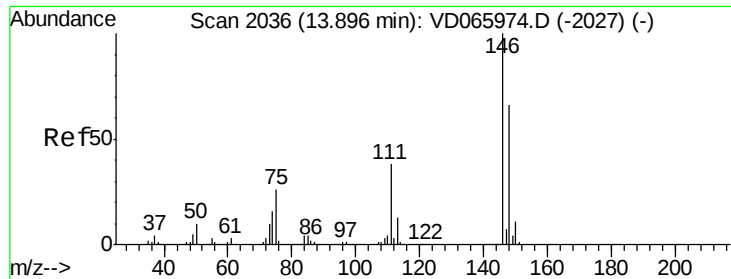
Tgt Ion: 91 Resp: 1866263
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 28.0 13.8 41.4



#90
Hexachloroethane
Concen: 157.728 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion: 117 Resp: 404325
Ion Ratio Lower Upper
117 100
201 84.6 42.0 126.1

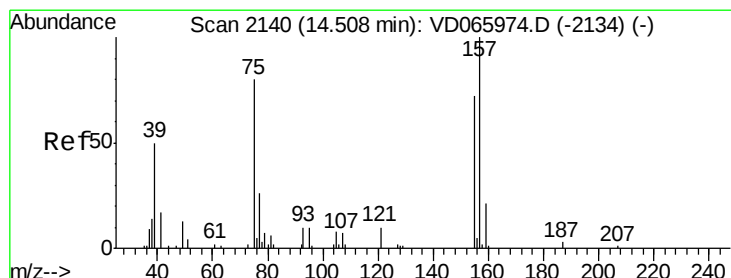
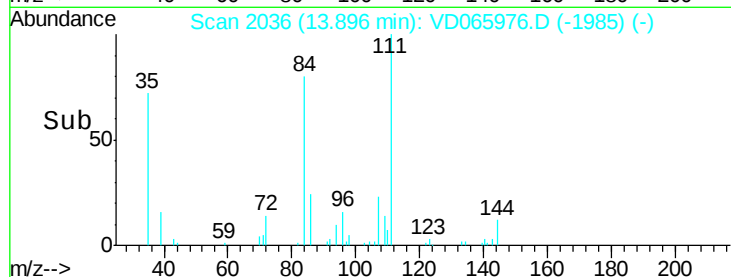
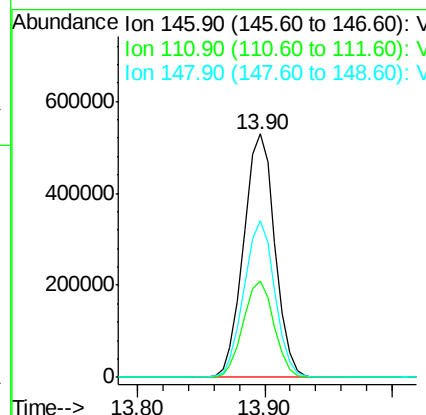
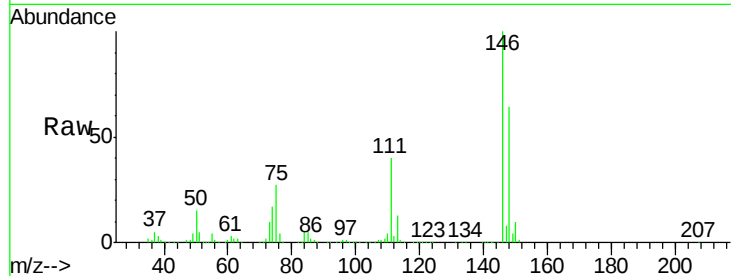




#91
 1,2-Dichlorobenzene
 Concen: 156.103 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

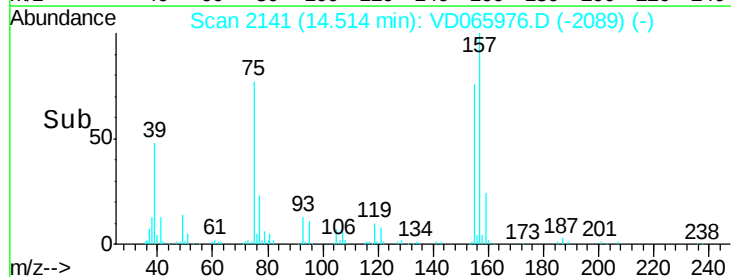
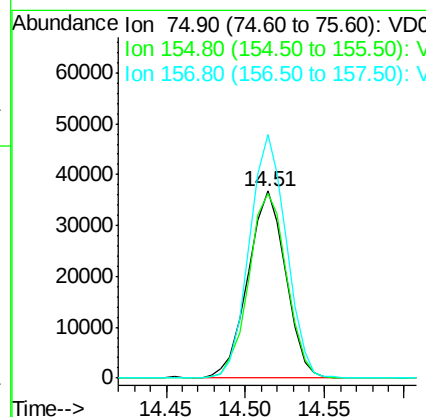
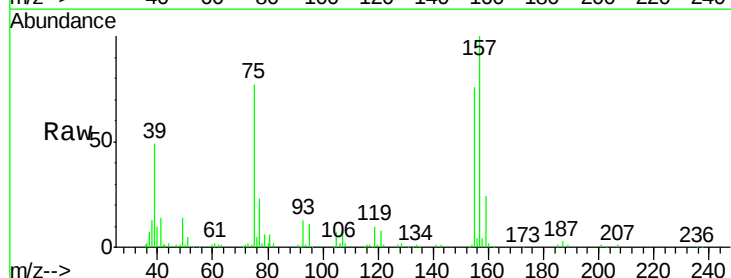
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

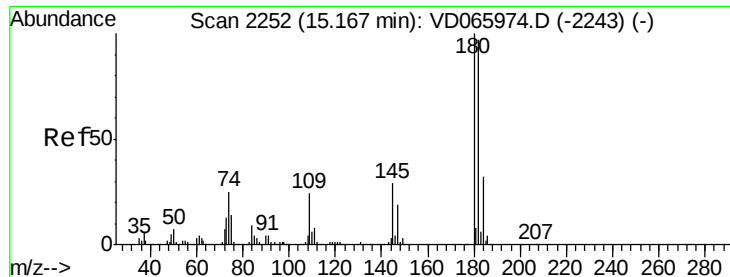
Tgt Ion:146 Resp: 903149
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.3 57.9
 148 63.7 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 166.846 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion: 75 Resp: 60955
 Ion Ratio Lower Upper
 75 100
 155 99.2 48.5 145.5
 157 127.3 64.7 194.1

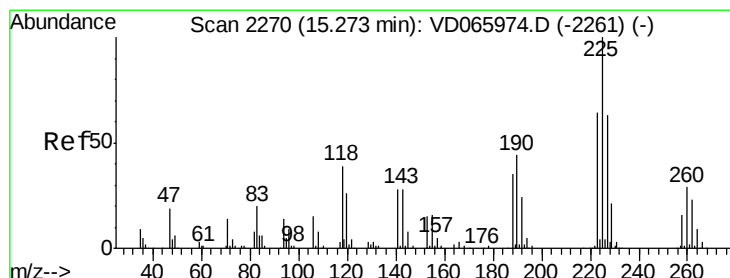
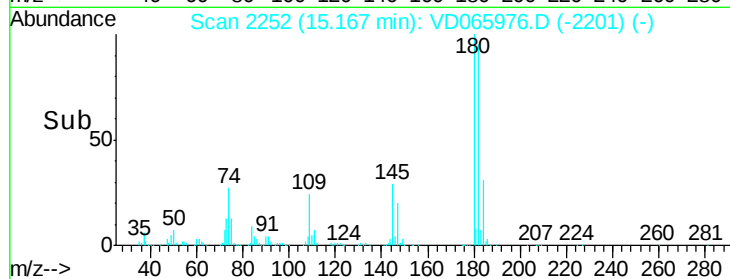
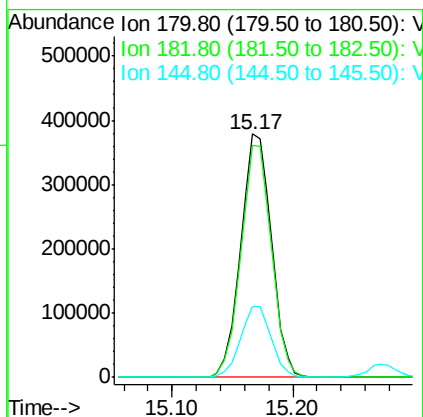
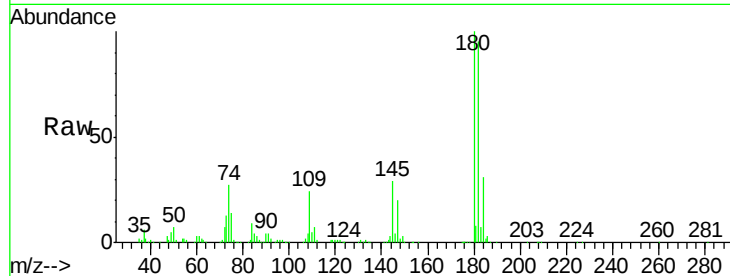




#93
 1,2,4-Trichlorobenzene
 Concen: 167.232 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

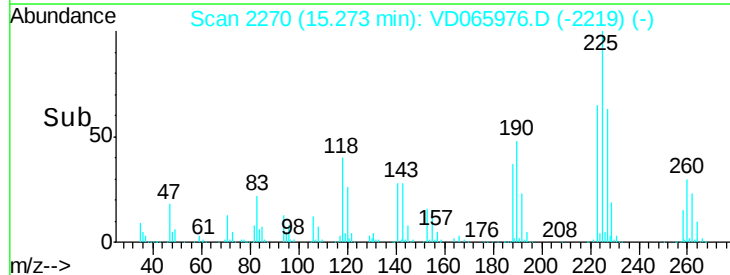
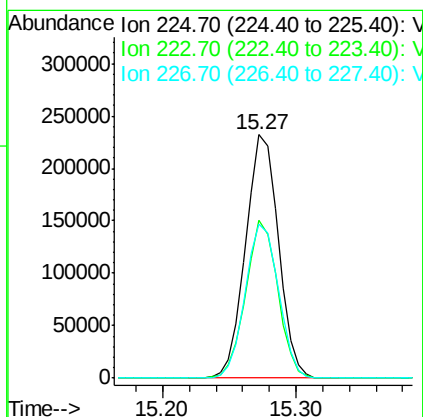
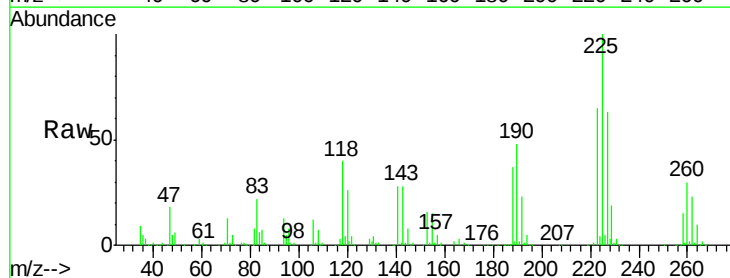
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

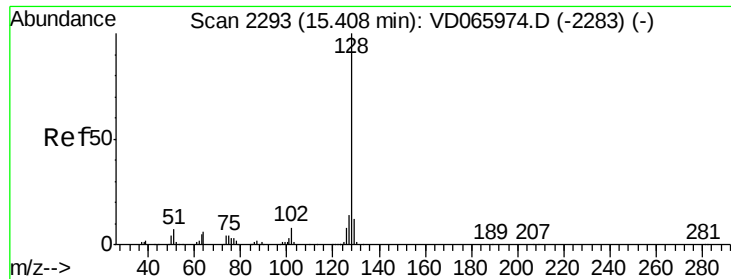
Tgt Ion:180 Resp: 672321
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.1 144.3
 145 29.2 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 157.084 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion:225 Resp: 395440
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.2 93.6
 227 64.0 31.6 94.8





#95

Naphthalene

Concen: 192.590 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

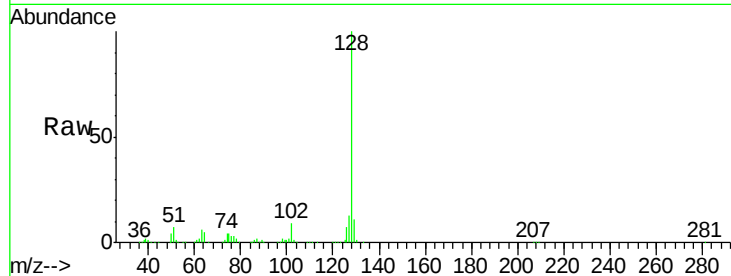
Tgt Ion:128 Resp: 1182280

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

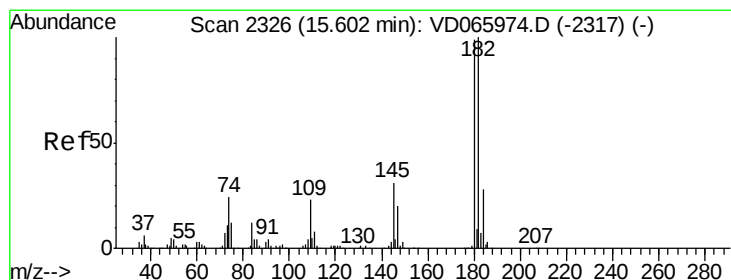
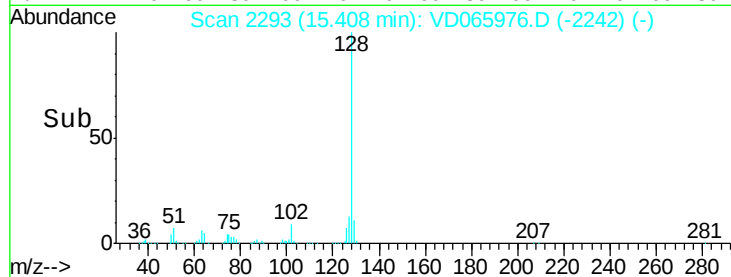
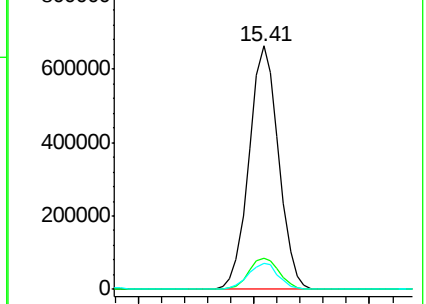
129 10.7 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 165.779 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

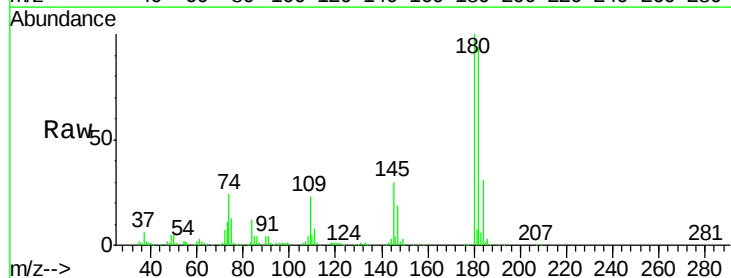
Tgt Ion:180 Resp: 583275

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.6

145 31.0 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

