

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032620\
 Data File : VD065529.D
 Acq On : 26 Mar 2020 17:02
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 27 01:16:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:12:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	542923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	766930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	700166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	356728	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	215430	46.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.18%	
35) Dibromofluoromethane	7.92	113	230923	48.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.92%	
50) Toluene-d8	10.34	98	904560	50.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.64	95	287946	51.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	139525	31.594	ug/l	100
3) Chloromethane	2.21	50	203686	37.327	ug/l	100
4) Vinyl Chloride	2.35	62	220519	40.830	ug/l	100
5) Bromomethane	2.77	94	156380	44.372	ug/l	100
6) Chloroethane	2.93	64	146032	43.750	ug/l	100
7) Trichlorofluoromethane	3.27	101	337212	42.083	ug/l	100
8) Diethyl Ether	3.71	74	109776	45.490	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	226210	43.523	ug/l	100
10) Methyl Iodide	4.30	142	292794	53.601	ug/l	100
11) Tert butyl alcohol	5.24	59	59194	223.095	ug/l	100
12) 1,1-Dichloroethene	4.06	96	214548	43.239	ug/l	100
13) Acrolein	3.93	56	110547	237.681	ug/l	100
14) Allyl chloride	4.71	41	334747	44.054	ug/l	100
15) Acrylonitrile	5.43	53	230446	220.807	ug/l	100
16) Acetone	4.16	43	195766	210.634	ug/l	100
17) Carbon Disulfide	4.40	76	709892	43.123	ug/l	100
18) Methyl Acetate	4.73	43	103523	43.773	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	458584	47.685	ug/l	100
20) Methylene Chloride	4.96	84	249735	43.106	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	251111	45.400	ug/l	100
22) Diisopropyl ether	6.37	45	683079	47.956	ug/l	100
23) Vinyl Acetate	6.31	43	1913447	242.328	ug/l	100
24) 1,1-Dichloroethane	6.27	63	407229	44.742	ug/l	100
25) 2-Butanone	7.22	43	280943	221.540	ug/l	100
26) 2,2-Dichloropropane	7.21	77	365015	45.633	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	263625	46.545	ug/l	100
28) Bromochloromethane	7.56	49	173266	47.079	ug/l	100
29) Tetrahydrofuran	7.57	42	185936	229.644	ug/l	100
30) Chloroform	7.71	83	421499	46.138	ug/l	100
31) Cyclohexane	7.99	56	387241	42.720	ug/l	100
32) 1,1,1-Trichloroethane	7.91	97	383693	45.520	ug/l	100
36) 1,1-Dichloropropene	8.11	75	340321	46.985	ug/l	100
37) Ethyl Acetate	7.30	43	130183	46.216	ug/l	100
38) Carbon Tetrachloride	8.10	117	352942	46.840	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	415210	47.673	ug/l	100
40) Benzene	8.36	78	967492	47.679	ug/l	100
41) Methacrylonitrile	7.53	41	71948	47.165	ug/l	100
42) 1,2-Dichloroethane	8.43	62	253411	47.517	ug/l	100
43) Isopropyl Acetate	8.46	43	243319	46.918	ug/l	100
44) Trichloroethene	9.11	130	275591	47.970	ug/l	100
45) 1,2-Dichloropropane	9.39	63	234732	47.667	ug/l	100
46) Dibromomethane	9.48	93	123342	48.217	ug/l	100
47) Bromodichloromethane	9.67	83	320902	48.204	ug/l	100
48) Methyl methacrylate	9.46	41	117158	47.849	ug/l	100
49) 1,4-Dioxane	9.47	88	29272	993.874	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	637988	243.659	ug/l	100
52) Toluene	10.41	92	627997	49.038	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	305294	49.023	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	371830	49.373	ug/l	100
55) 1,1,2-Trichloroethane	10.81	97	175728	48.233	ug/l	100
56) Ethyl methacrylate	10.67	69	209392	51.048	ug/l	100
57) 1,3-Dichloropropane	10.95	76	299124	48.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	548812	366.086	ug/l	100
59) 2-Hexanone	10.99	43	440619	243.778	ug/l	100
60) Dibromochloromethane	11.14	129	230861	49.337	ug/l	100
61) 1,2-Dibromoethane	11.25	107	171617	49.201	ug/l	100
64) Tetrachloroethene	10.88	164	242919	48.717	ug/l	100
65) Chlorobenzene	11.68	112	663482	48.246	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	249048	49.445	ug/l	100
67) Ethyl Benzene	11.75	91	1179250	49.809	ug/l	100
68) m/p-Xylenes	11.86	106	922325	100.942	ug/l	100
69) o-Xylene	12.18	106	409470	50.919	ug/l	100
70) Styrene	12.20	104	733324	51.638	ug/l	100
71) Bromoform	12.37	173	138317	48.779	ug/l #	100
73) Isopropylbenzene	12.48	105	1120544	48.749	ug/l	100
74) N-amyl acetate	12.30	43	220279	46.755	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	183437	45.170	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	235503	83.031	ug/l #	100
77) Bromobenzene	12.77	156	279136	48.383	ug/l	100
78) n-propylbenzene	12.83	91	1348813	49.281	ug/l	100
79) 2-Chlorotoluene	12.91	91	746058	48.264	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	928458	49.091	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	61313	46.605	ug/l	100
82) 4-Chlorotoluene	13.01	91	781031	48.124	ug/l	100
83) tert-Butylbenzene	13.23	119	780033	48.642	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	932930	49.915	ug/l	100
85) sec-Butylbenzene	13.41	105	1104030	48.426	ug/l	100
86) p-Isopropyltoluene	13.53	119	1027907	49.352	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	532220	47.965	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	526734	47.685	ug/l	100
89) n-Butylbenzene	13.86	91	923645	48.172	ug/l	100
90) Hexachloroethane	14.12	117	198317	46.198	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	449724	47.622	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	28077	45.239	ug/l	100

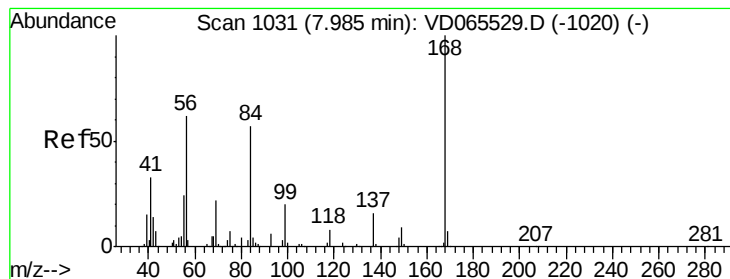
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	314129	48.994	ug/l	100
94) Hexachlorobutadiene	15.28	225	197634	47.210	ug/l	100
95) Naphthalene	15.41	128	502802	49.204	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	273252	49.333	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

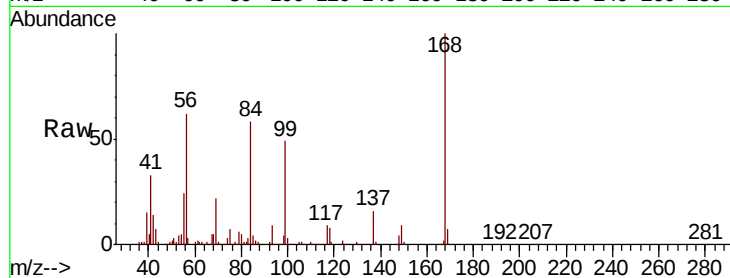
VSTDICCC050

Tot Ion:168 Resp: 542923

Ion Ratio Lower Upper

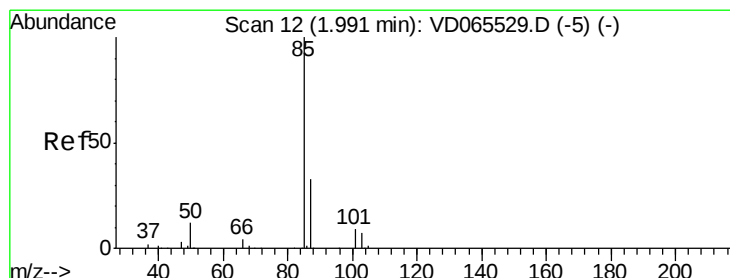
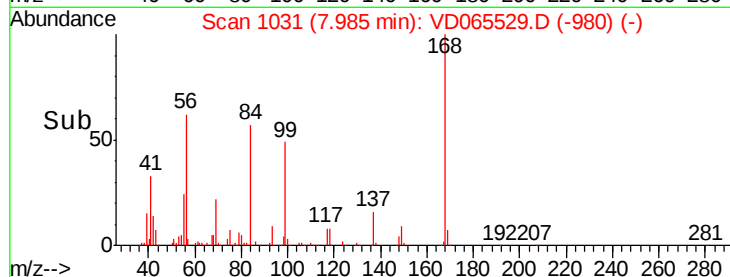
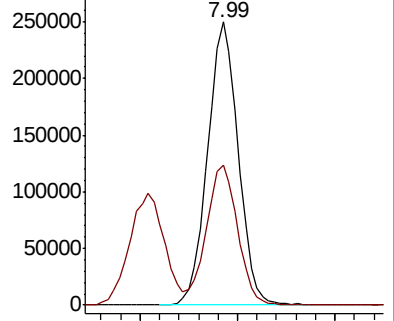
168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 31.594 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065529.D

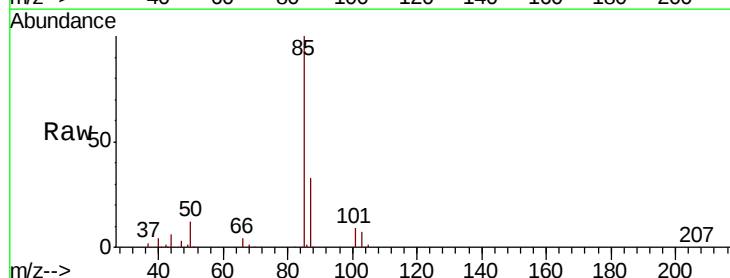
Acq: 26 Mar 2020 17:02

Tgt Ion: 85 Resp: 139525

Ion Ratio Lower Upper

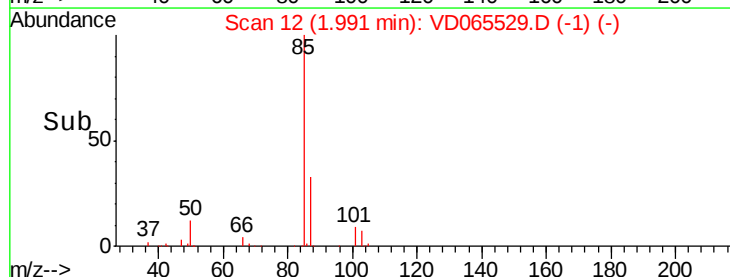
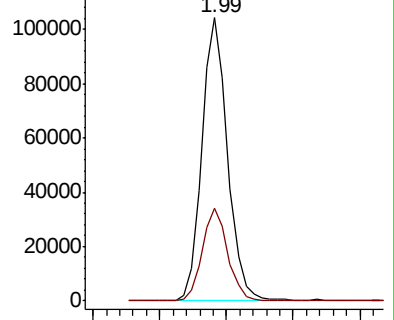
85 100

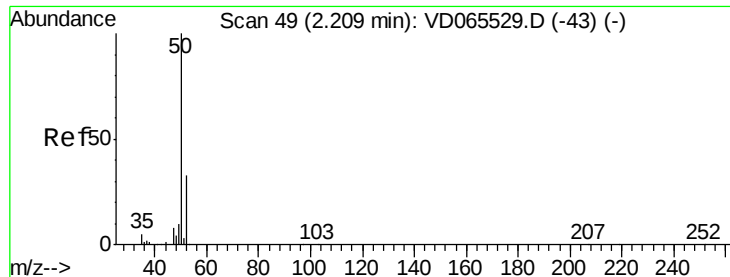
87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 37.327 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

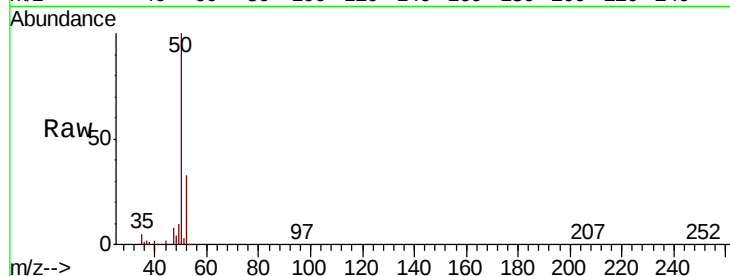
VSTDICCC050

Tot Ion: 50 Resp: 203686

Ion Ratio Lower Upper

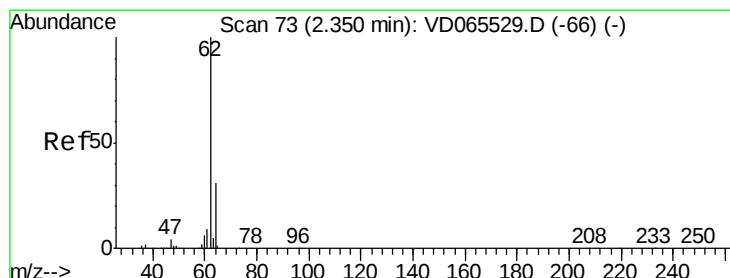
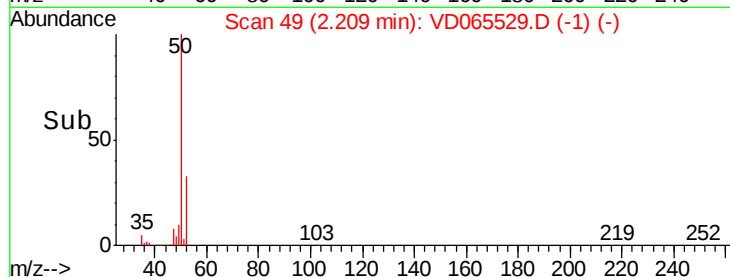
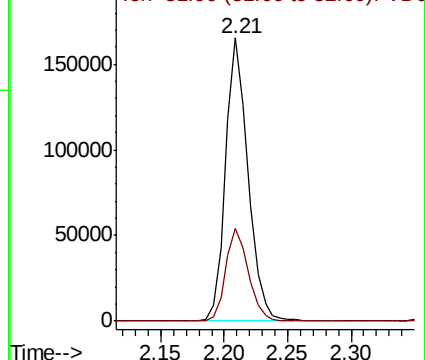
50 100

52 32.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 40.830 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065529.D

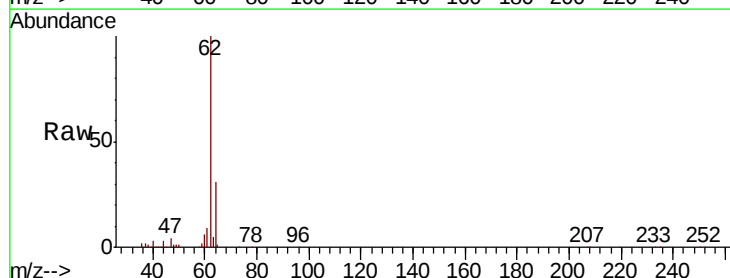
Acq: 26 Mar 2020 17:02

Tgt Ion: 62 Resp: 220519

Ion Ratio Lower Upper

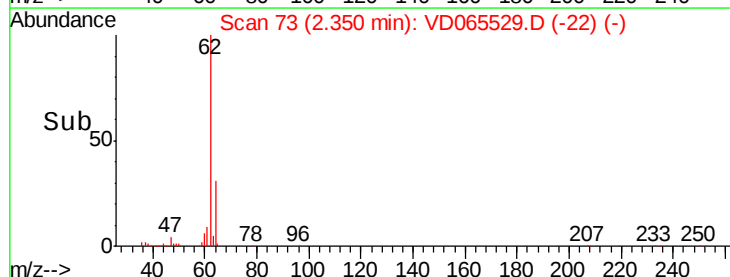
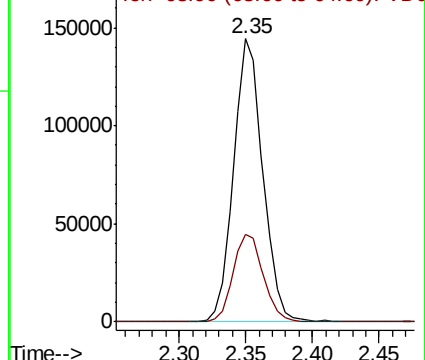
62 100

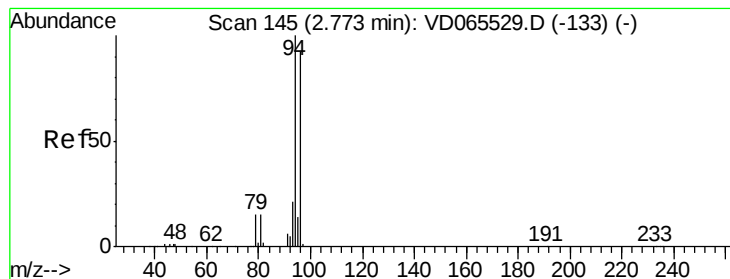
64 31.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 44.372 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

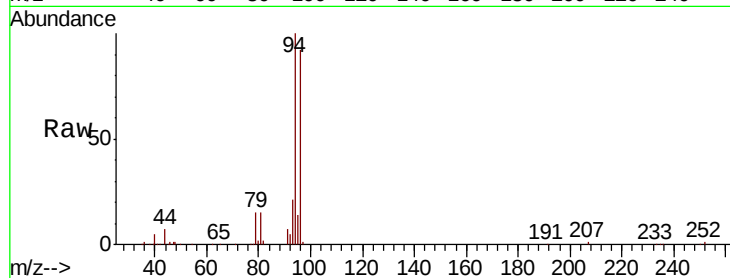
VSTDICCC050

Tot Ion: 94 Resp: 156380

Ion Ratio Lower Upper

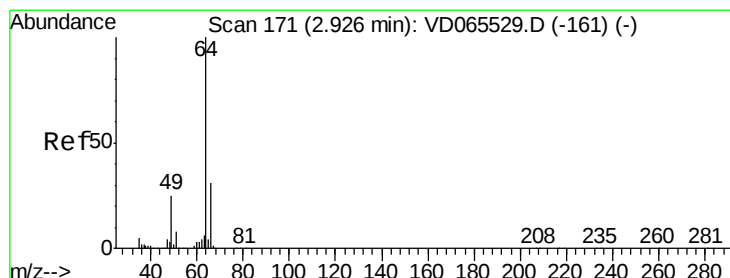
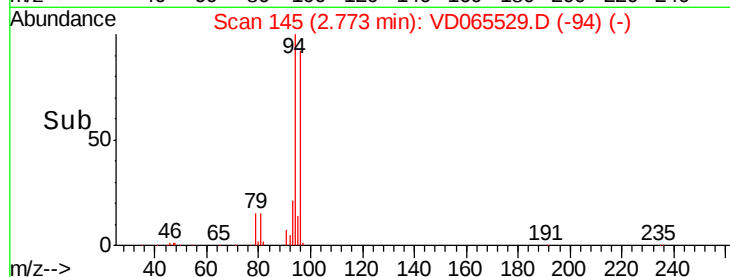
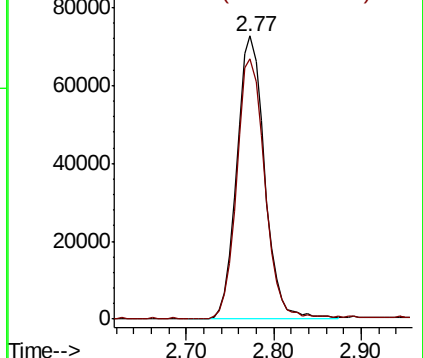
94 100

96 91.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 43.750 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065529.D

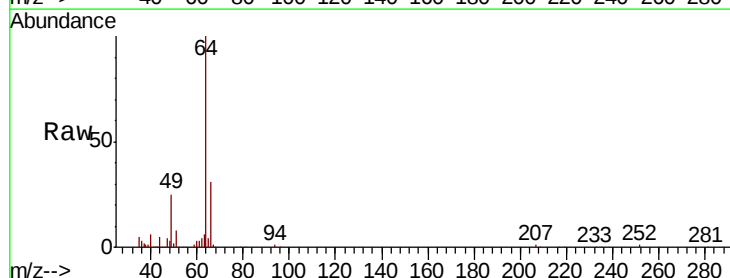
Acq: 26 Mar 2020 17:02

Tgt Ion: 64 Resp: 146032

Ion Ratio Lower Upper

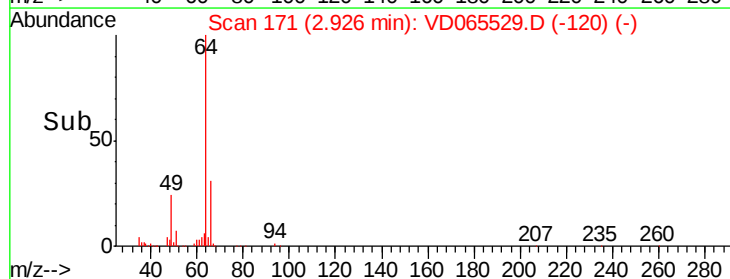
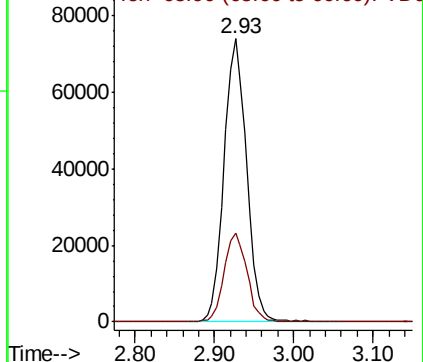
64 100

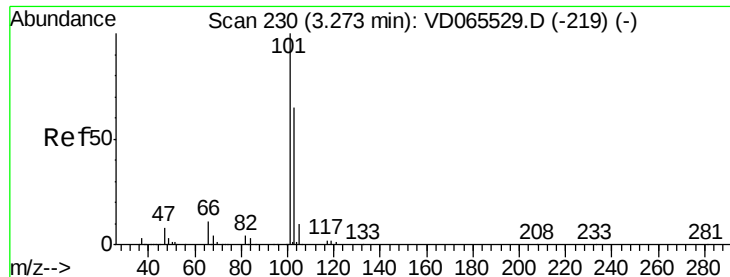
66 31.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



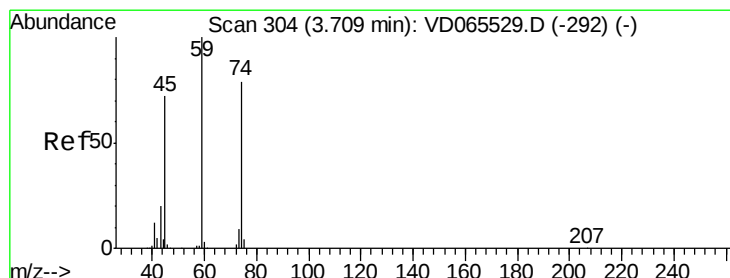
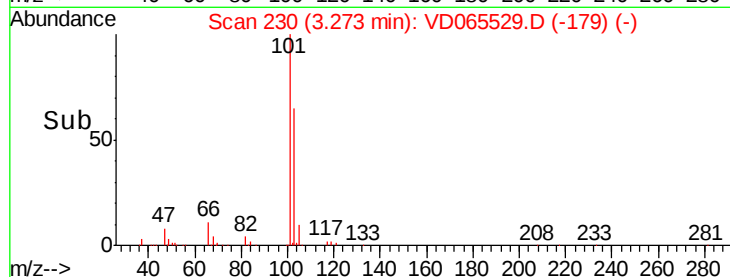
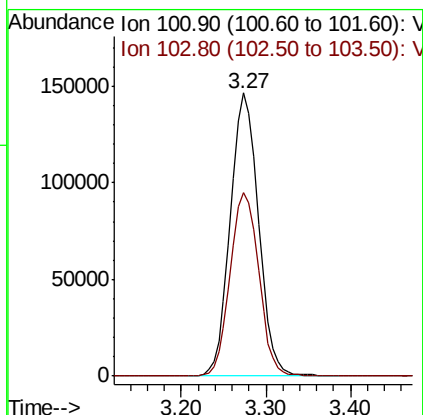
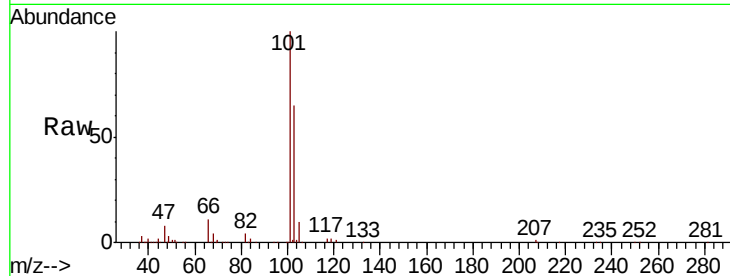


#7

Trichlorofluoromethane
 Concen: 42.083 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

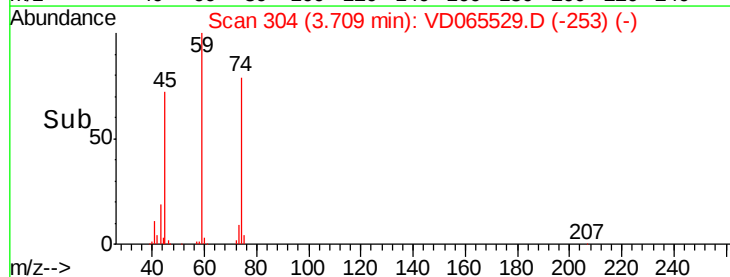
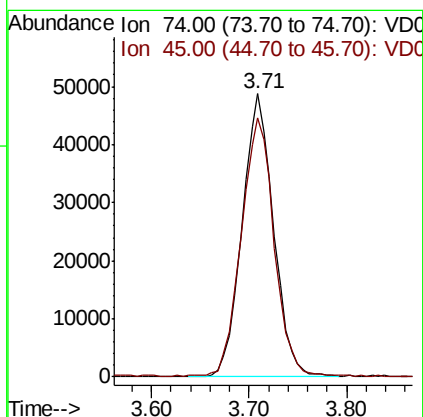
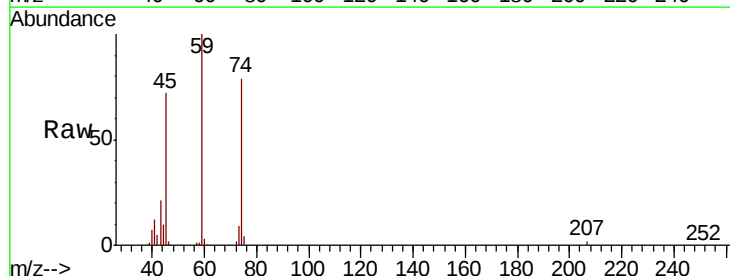
Tot Ion:101 Resp: 337212
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.9 77.9

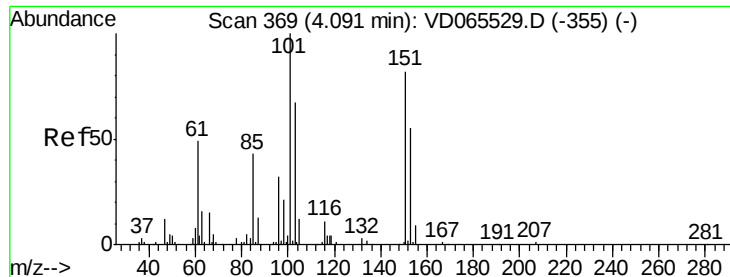


#8

Diethyl Ether
 Concen: 45.490 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion: 74 Resp: 109776
 Ion Ratio Lower Upper
 74 100
 45 96.4 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.523 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

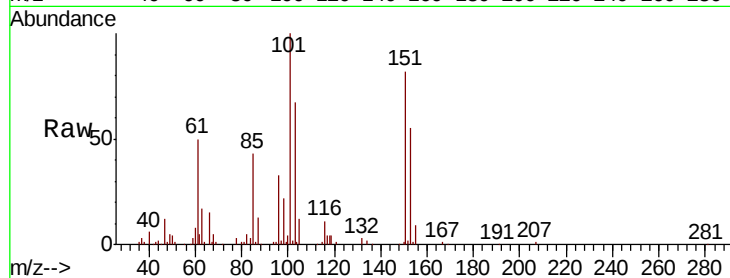
Tot Ion:101 Resp: 226210

Ion Ratio Lower Upper

101 100

85 40.7 32.6 48.8

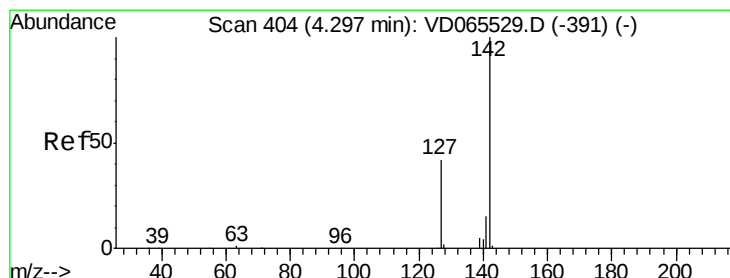
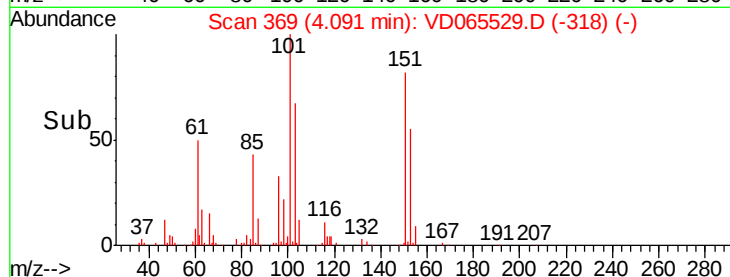
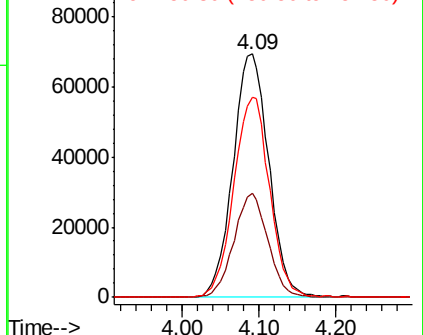
151 81.9 65.5 98.3



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: 53.601 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

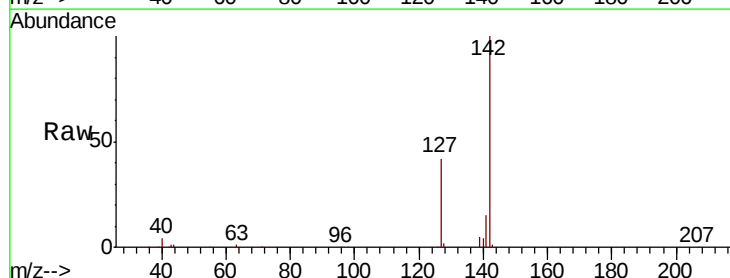
Tgt Ion:142 Resp: 292794

Ion Ratio Lower Upper

142 100

127 42.4 33.9 50.9

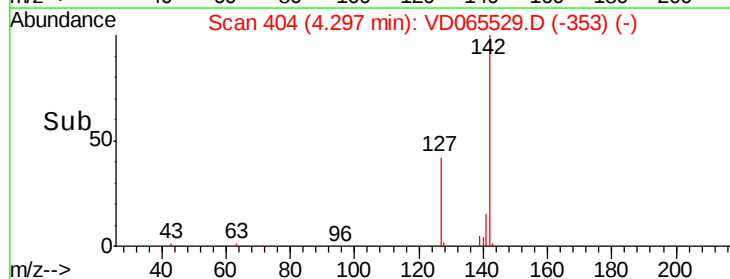
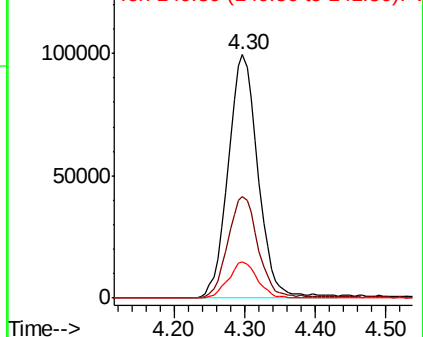
141 14.5 11.6 17.4

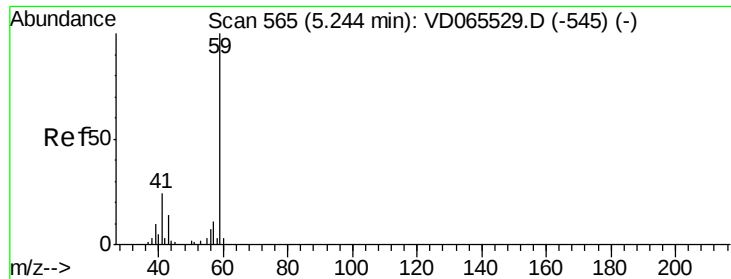


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



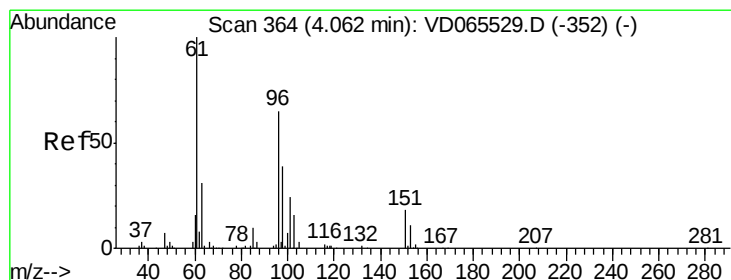
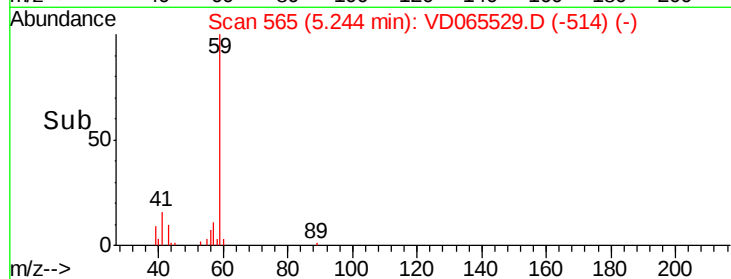
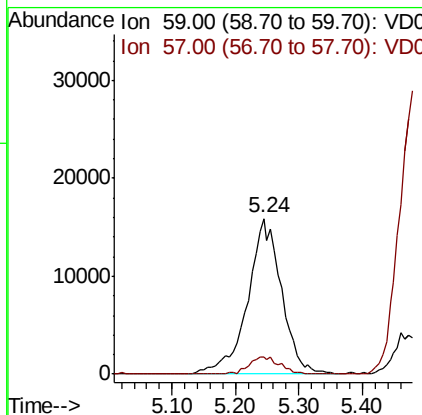
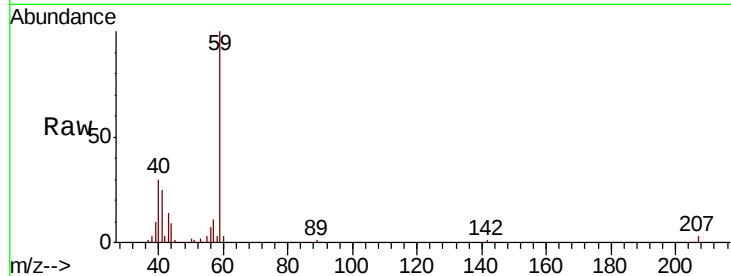


#11

Tert butyl alcohol
 Concen: 223.095 ug/l
 RT: 5.24 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

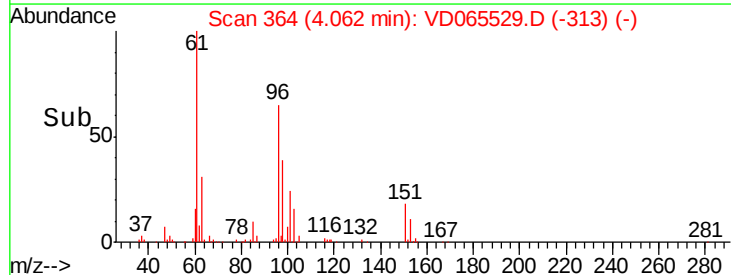
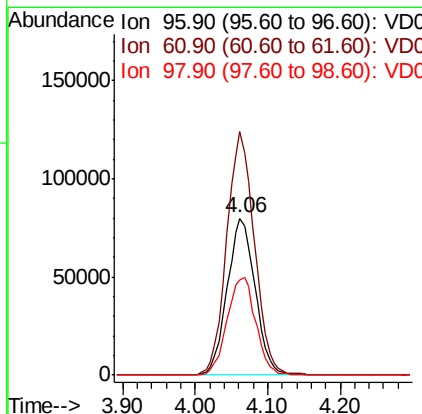
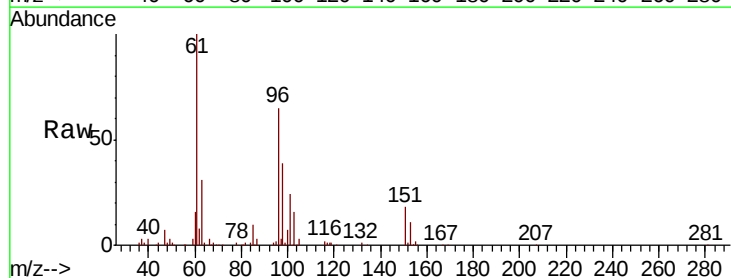
Tot Ion: 59 Resp: 59194
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.1 12.1

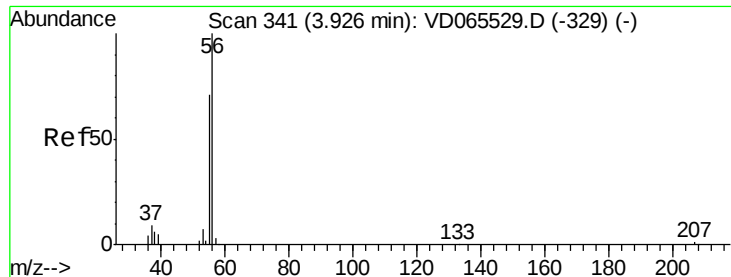


#12

1,1-Dichloroethene
 Concen: 43.239 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion: 96 Resp: 214548
 Ion Ratio Lower Upper
 96 100
 61 155.0 124.0 186.0
 98 60.3 48.2 72.4





#13

Acrolein

Concen: 237.681 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

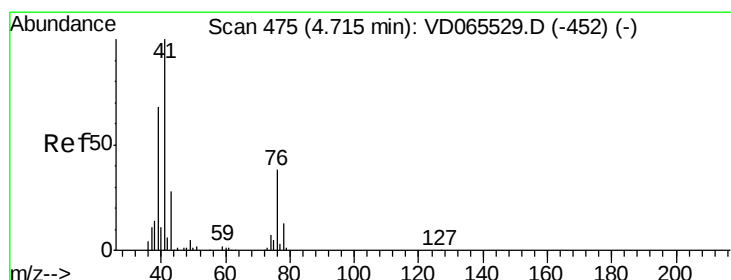
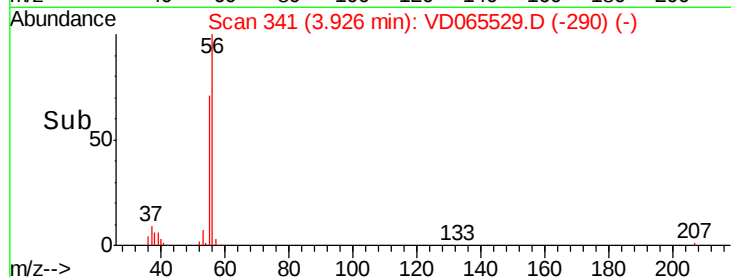
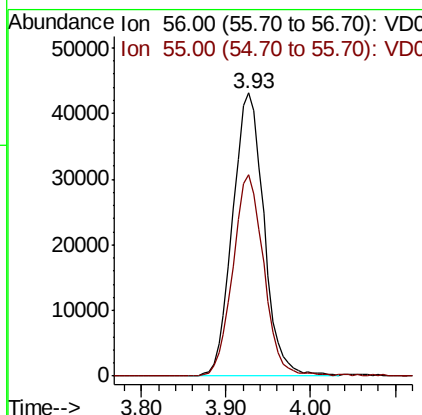
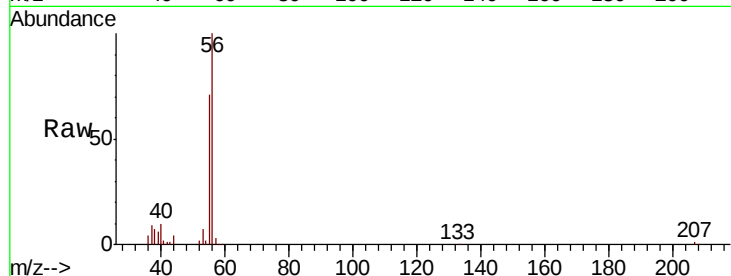
VSTDICCC050

Tot Ion: 56 Resp: 110547

Ion Ratio Lower Upper

56 100

55 70.2 56.2 84.2



#14

Allyl chloride

Concen: 44.054 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

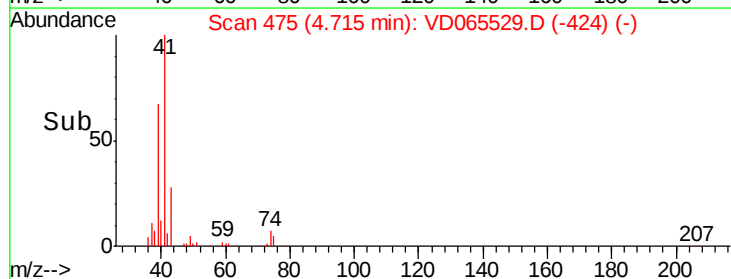
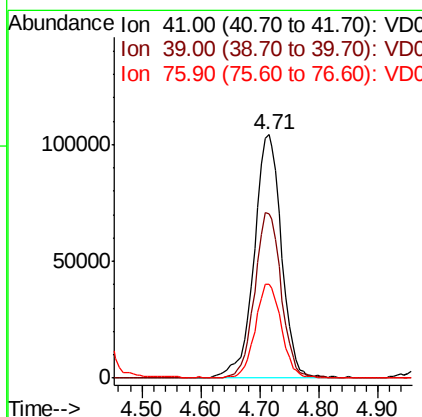
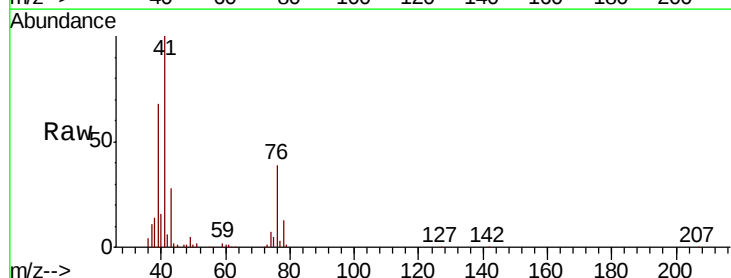
Tgt Ion: 41 Resp: 334747

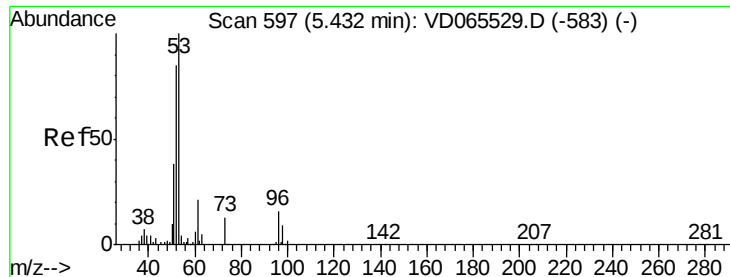
Ion Ratio Lower Upper

41 100

39 66.1 52.9 79.3

76 36.1 28.9 43.3

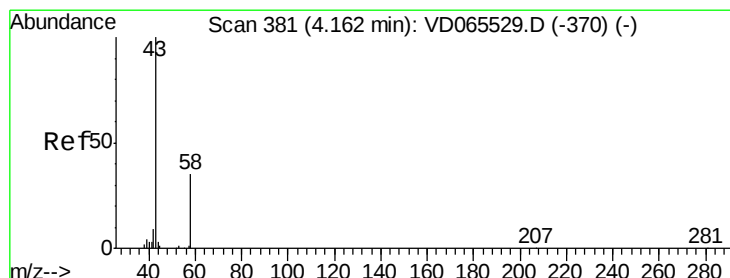
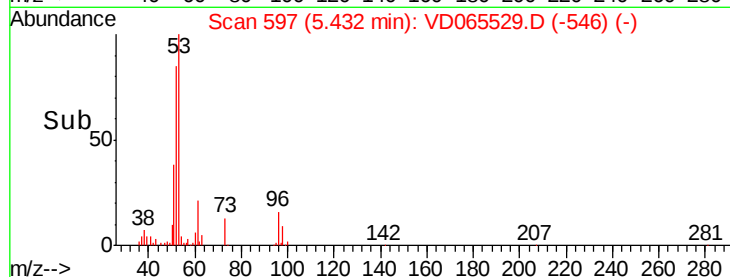
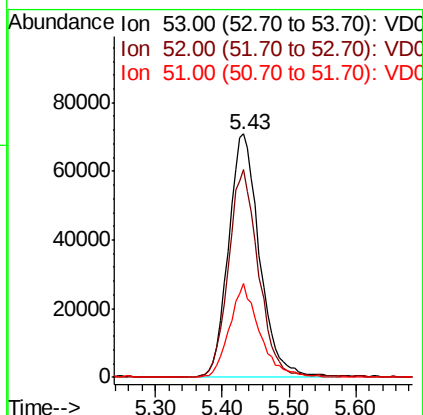
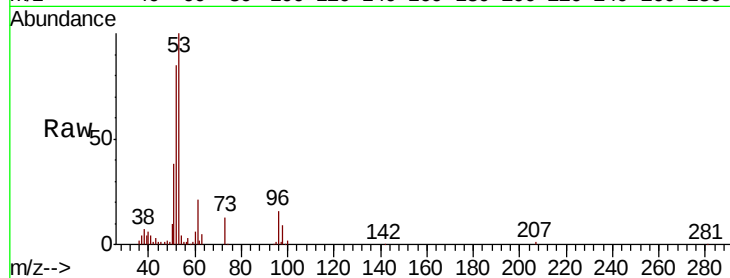




#15
 Acrylonitrile
 Concen: 220.807 ug/l
 RT: 5.43 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

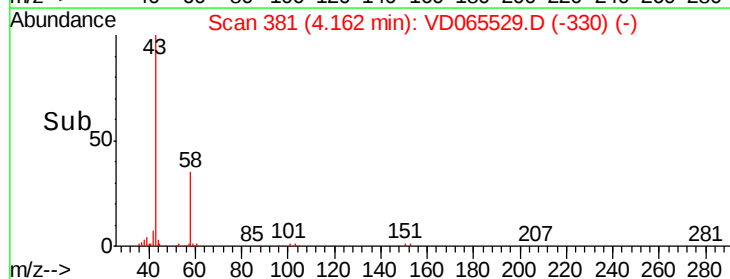
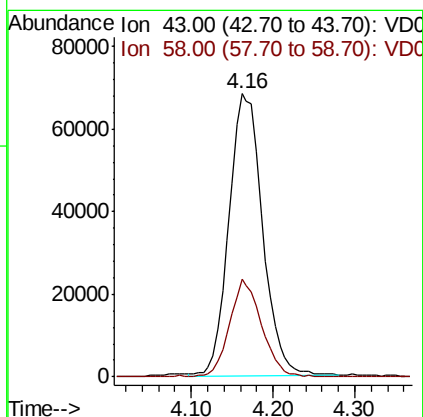
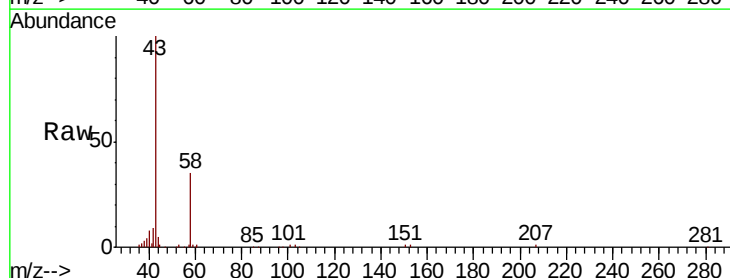
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

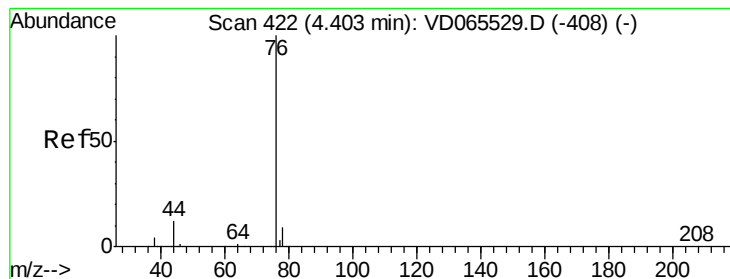
Tot Ion: 53 Resp: 230446
 Ion Ratio Lower Upper
 53 100
 52 82.2 65.8 98.6
 51 37.1 29.7 44.5



#16
 Acetone
 Concen: 210.634 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion: 43 Resp: 195766
 Ion Ratio Lower Upper
 43 100
 58 34.9 27.9 41.9





#17

Carbon Disulfide

Concen: 43.123 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

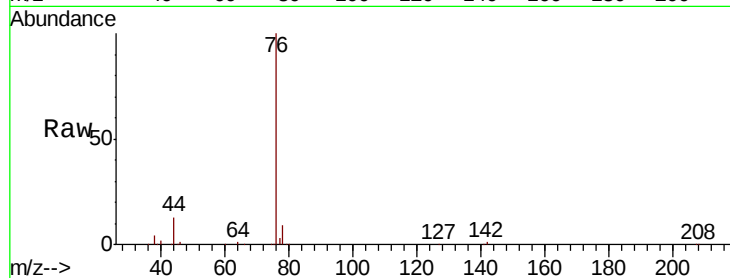
VSTDICCC050

Tot Ion: 76 Resp: 709892

Ion Ratio Lower Upper

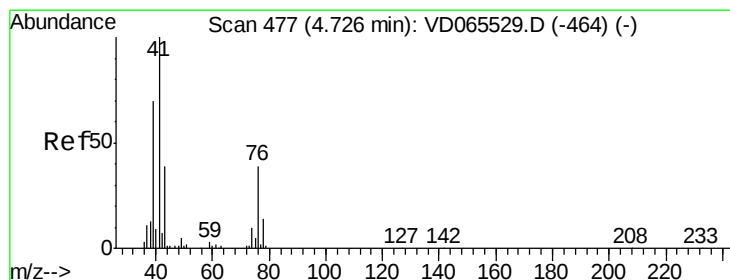
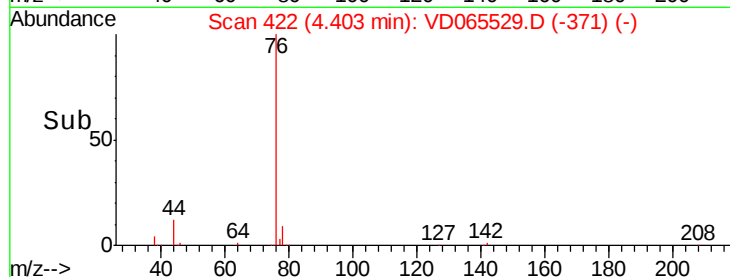
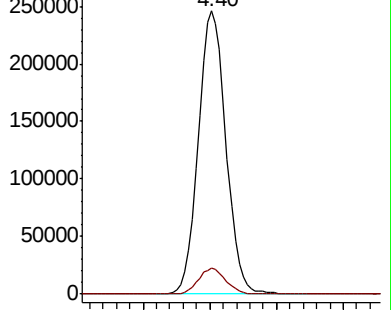
76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 43.773 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD065529.D

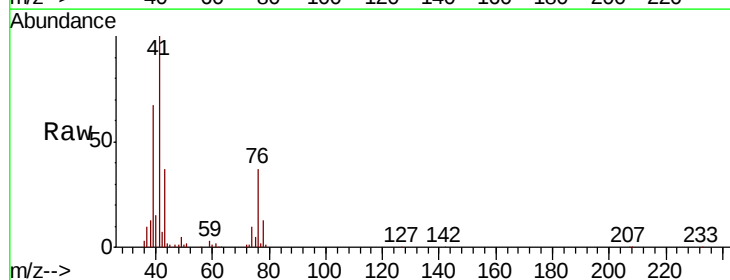
Acq: 26 Mar 2020 17:02

Tgt Ion: 43 Resp: 103523

Ion Ratio Lower Upper

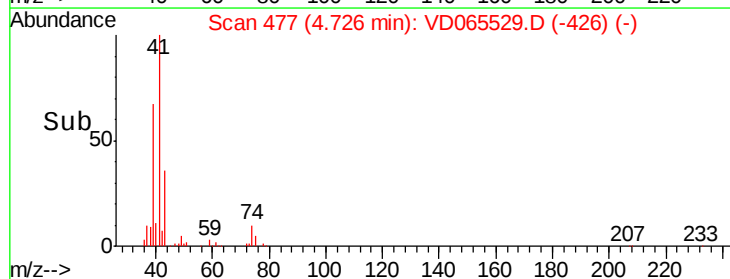
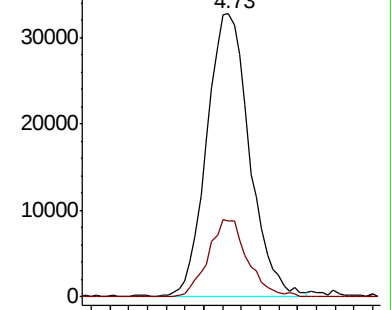
43 100

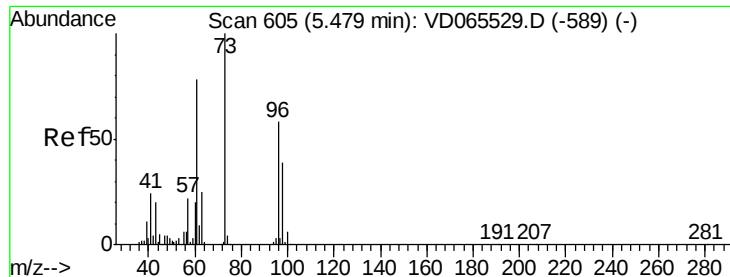
74 25.1 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



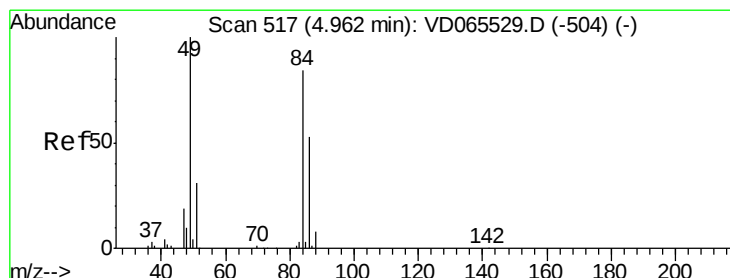
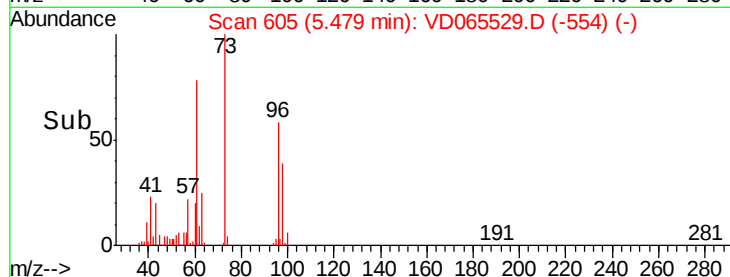
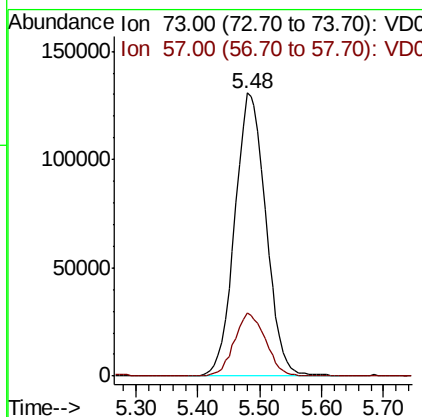
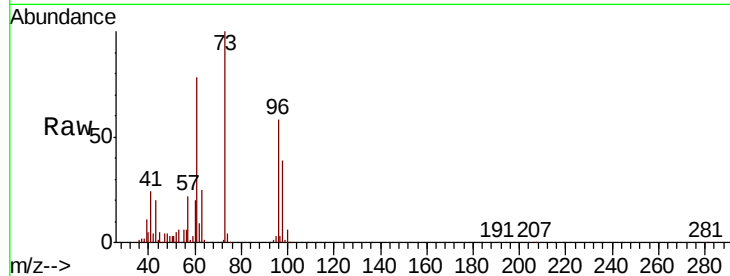


#19

Methyl tert-butyl Ether
 Concen: 47.685 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

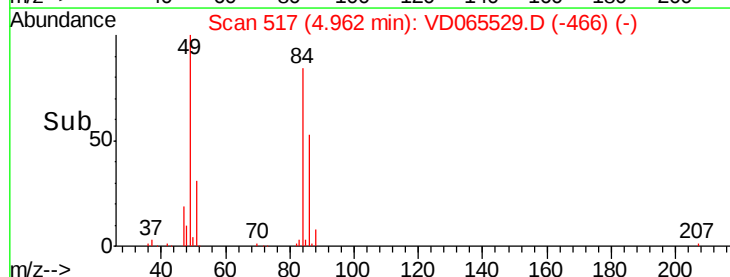
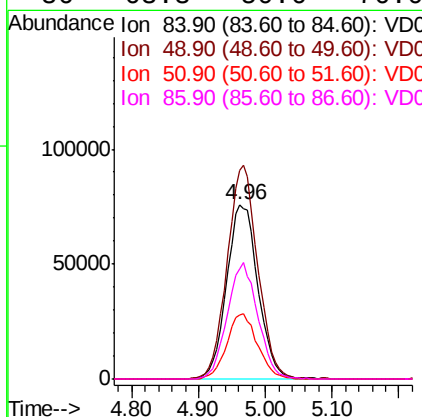
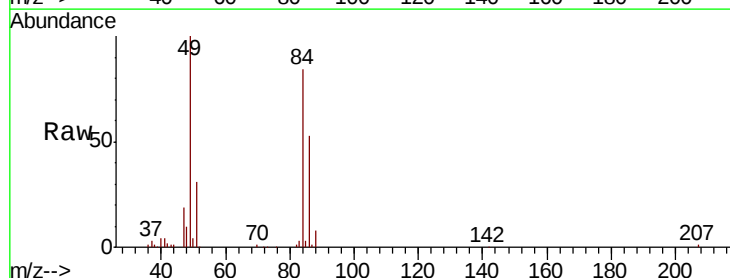
Tot Ion: 73 Resp: 458584
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.7 26.5

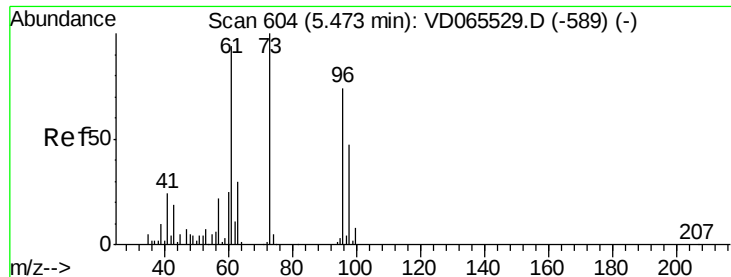


#20

Methylene Chloride
 Concen: 43.106 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion: 84 Resp: 249735
 Ion Ratio Lower Upper
 84 100
 49 119.5 95.6 143.4
 51 36.8 29.4 44.2
 86 63.3 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 45.400 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

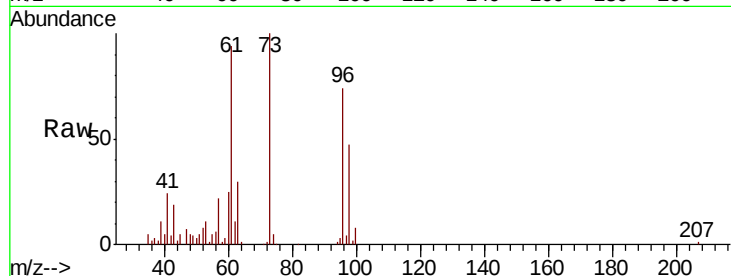
Tot Ion: 96 Resp: 251111

Ion Ratio Lower Upper

96 100

61 127.2 101.8 152.6

98 64.3 51.4 77.2

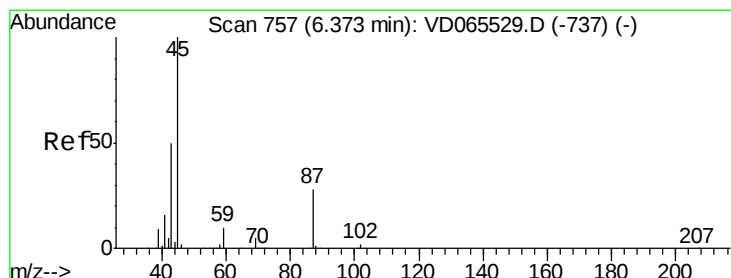
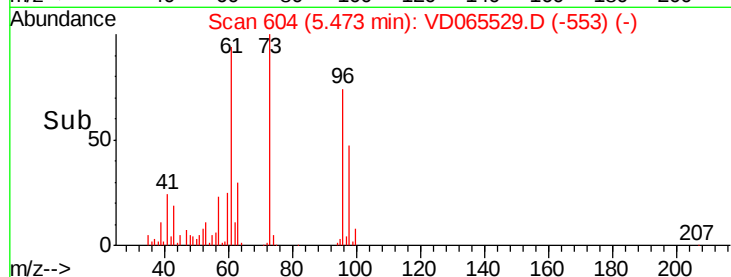
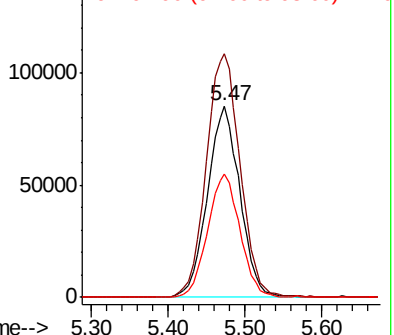


Abundance

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



#22

Diisopropyl ether

Concen: 47.956 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Tgt Ion: 45 Resp: 683079

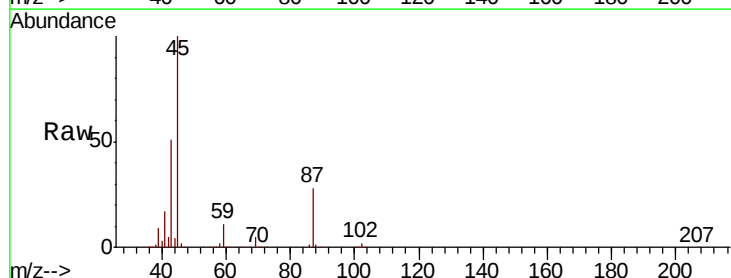
Ion Ratio Lower Upper

45 100

43 50.6 40.5 60.7

87 28.1 22.5 33.7

59 10.7 8.6 12.8



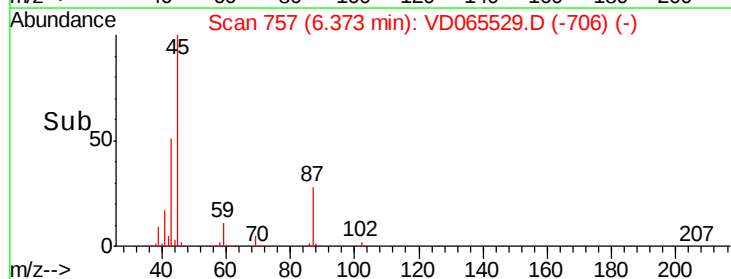
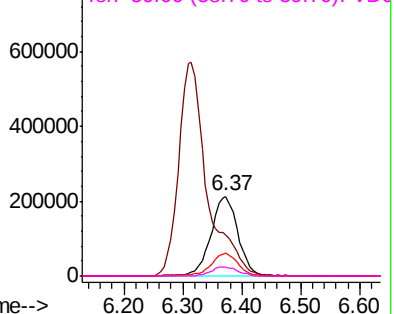
Abundance

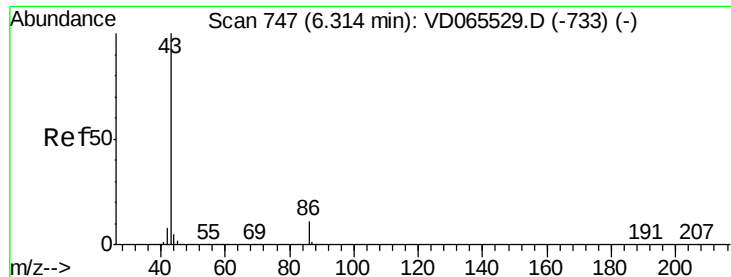
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 242.328 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

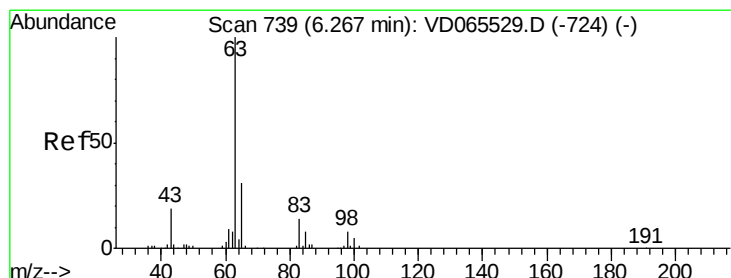
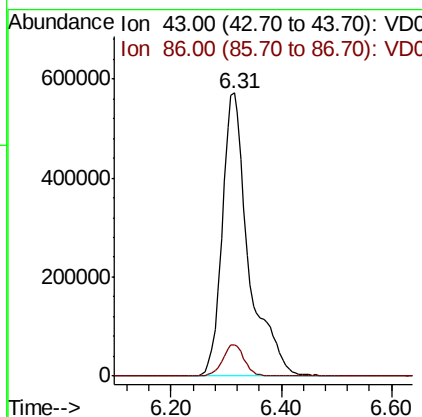
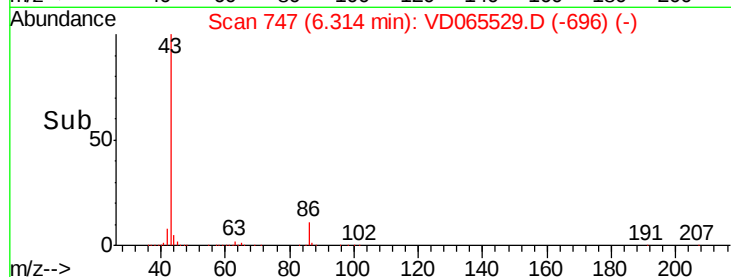
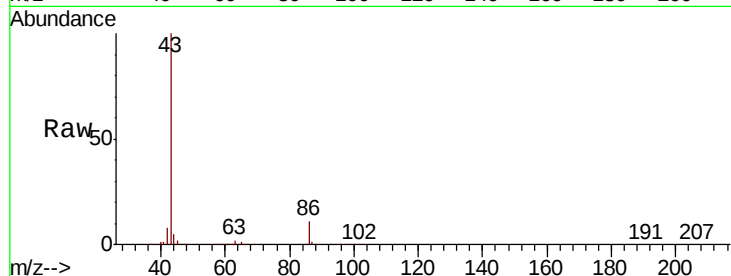
VSTDICCC050

Tot Ion: 43 Resp: 1913447

Ion Ratio Lower Upper

43 100

86 11.2 9.0 13.4



#24

1,1-Dichloroethane

Concen: 44.742 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

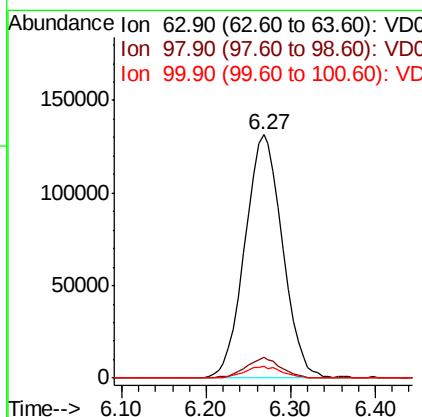
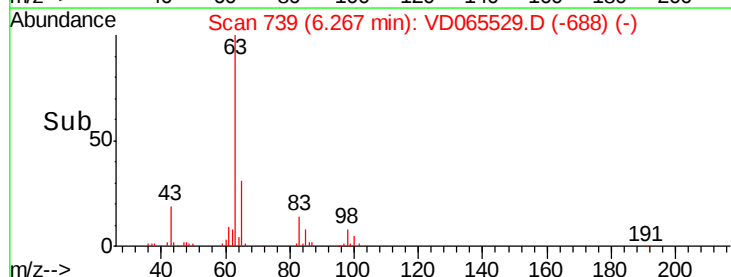
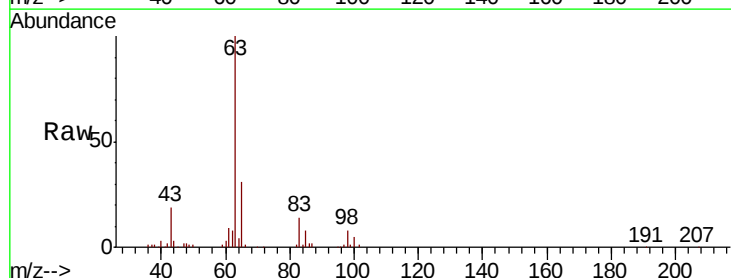
Tgt Ion: 63 Resp: 407229

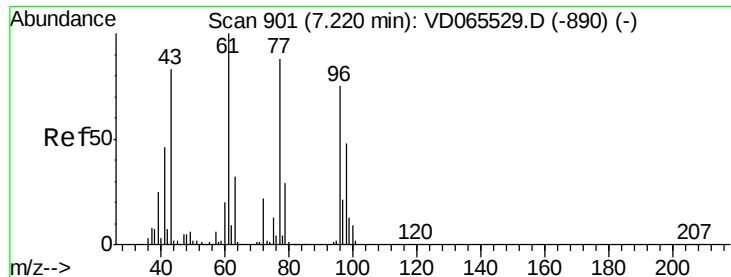
Ion Ratio Lower Upper

63 100

98 8.4 4.2 12.6

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 221.540 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

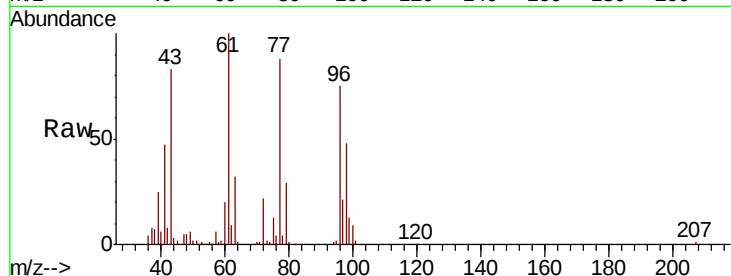
VSTDICCC050

Tot Ion: 43 Resp: 280943

Ion Ratio Lower Upper

43 100

72 26.9 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.22

120000

100000

80000

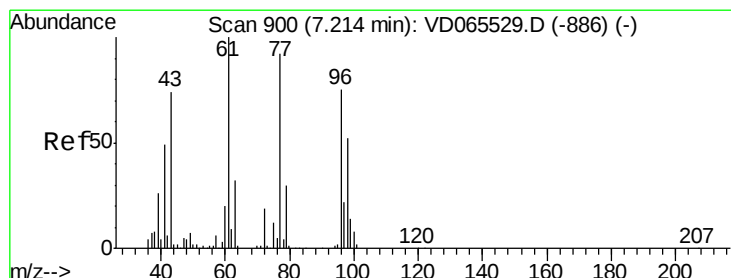
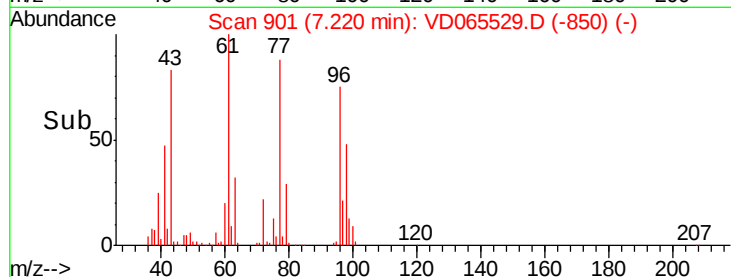
60000

40000

20000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#26

2,2-Dichloropropane

Concen: 45.633 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065529.D

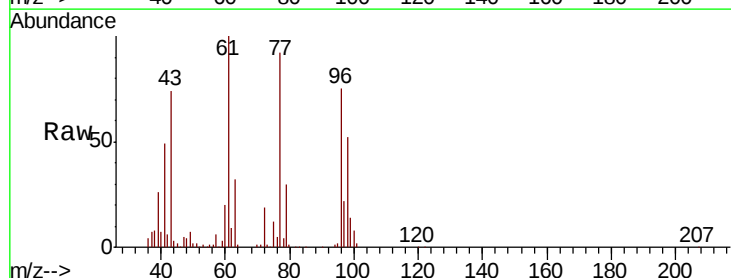
Acq: 26 Mar 2020 17:02

Tgt Ion: 77 Resp: 365015

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

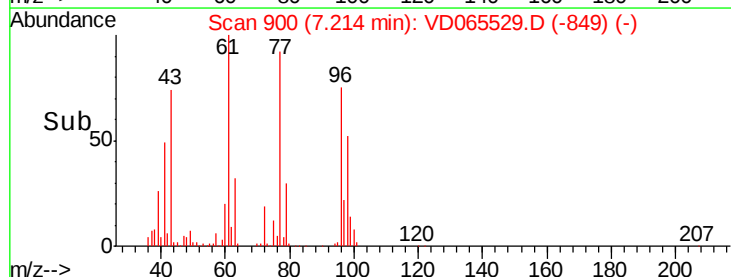
7.21

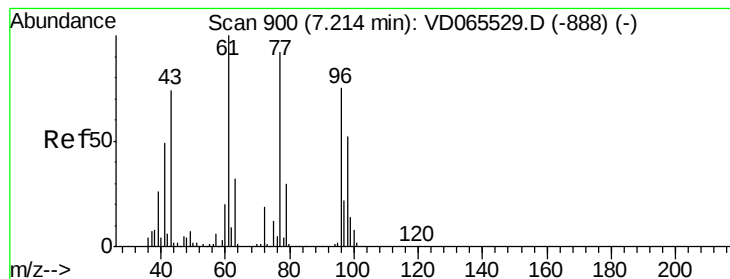
100000

50000

0

Time--> 7.10 7.20 7.30 7.40





#27

cis-1,2-Dichloroethene

Concen: 46.545 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

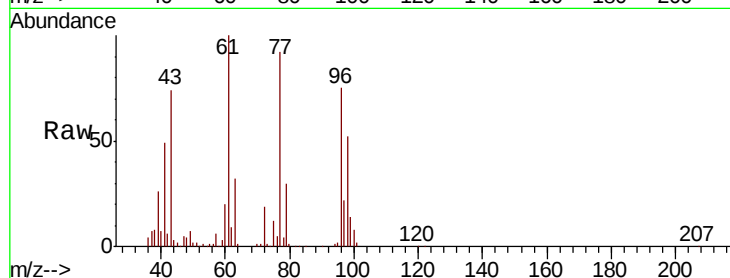
Tot Ion: 96 Resp: 263625

Ion Ratio Lower Upper

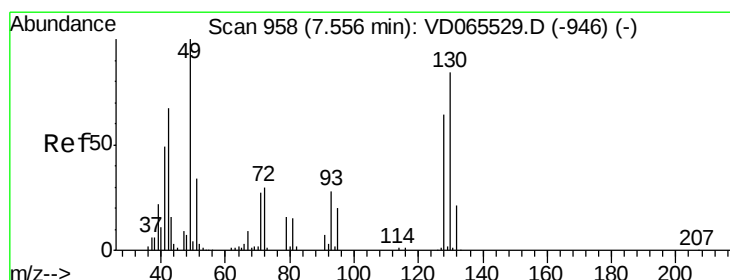
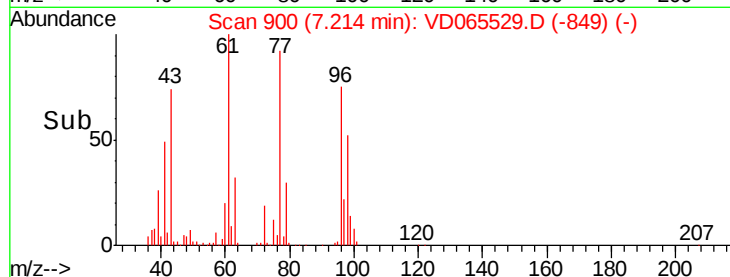
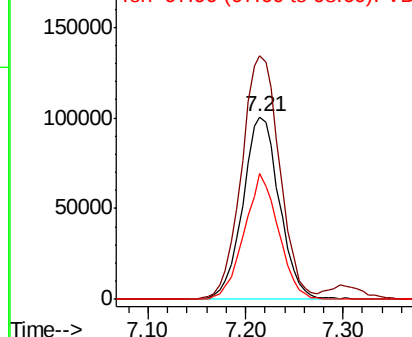
96 100

61 139.0 0.0 278.0

98 64.8 0.0 129.6



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



#28

Bromochloromethane

Concen: 47.079 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

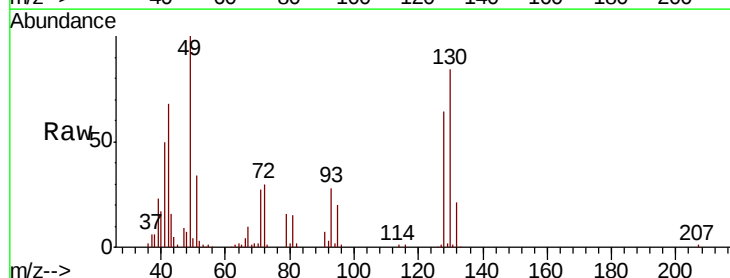
Tgt Ion: 49 Resp: 173266

Ion Ratio Lower Upper

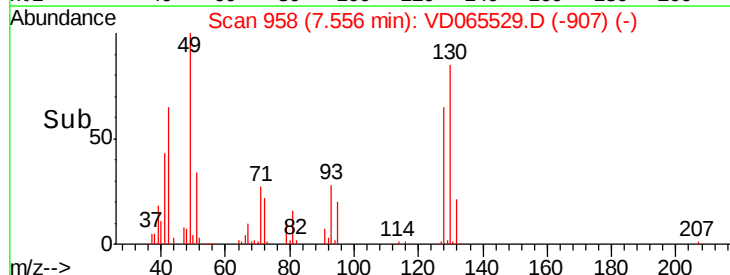
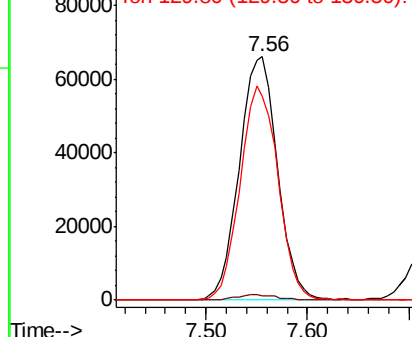
49 100

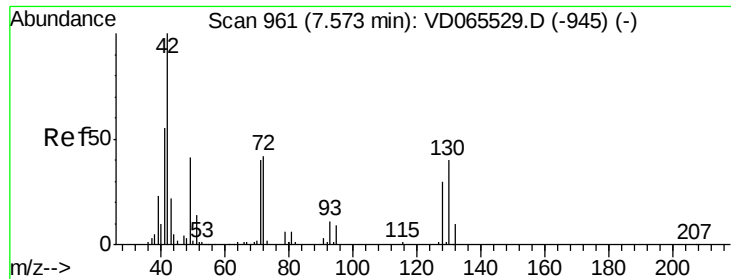
129 2.2 0.0 4.4

130 87.1 69.7 104.5



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

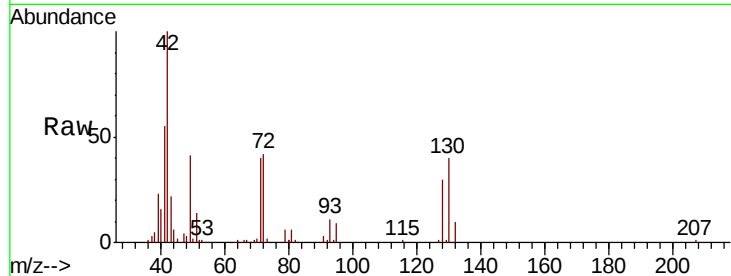




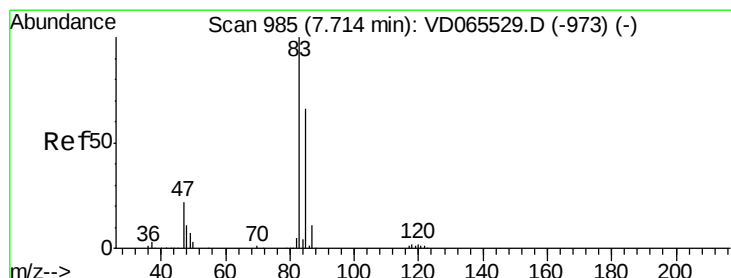
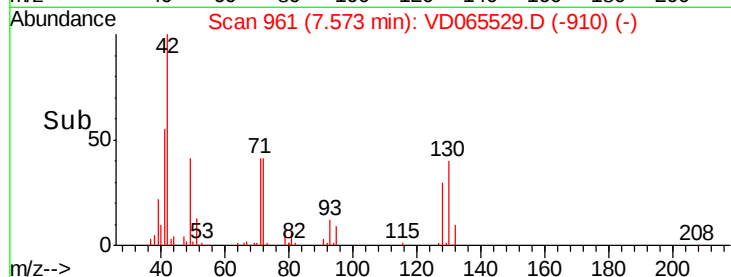
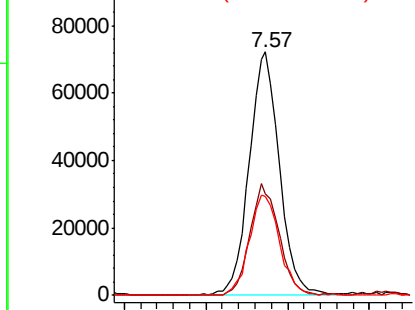
#29
Tetrahydrofuran
Concen: 229.644 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 42 Resp: 185936
Ion Ratio Lower Upper
42 100
72 43.8 35.0 52.6
71 41.3 33.0 49.6

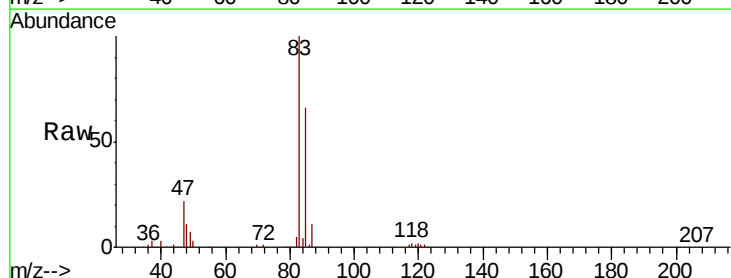


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

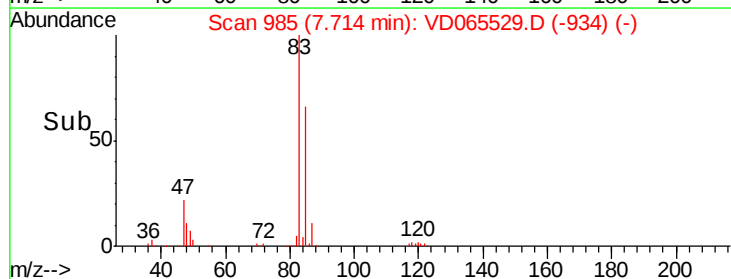
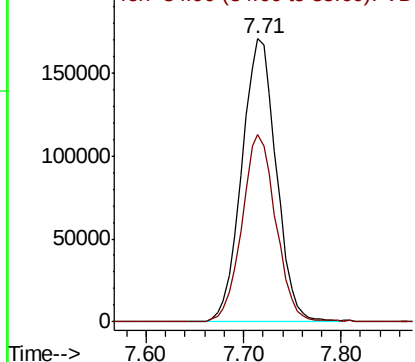


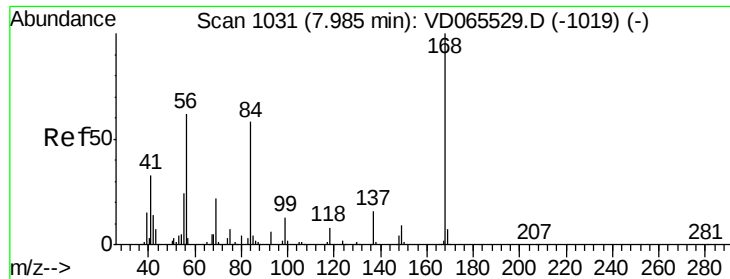
#30
Chloroform
Concen: 46.138 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion: 83 Resp: 421499
Ion Ratio Lower Upper
83 100
85 66.1 52.9 79.3



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

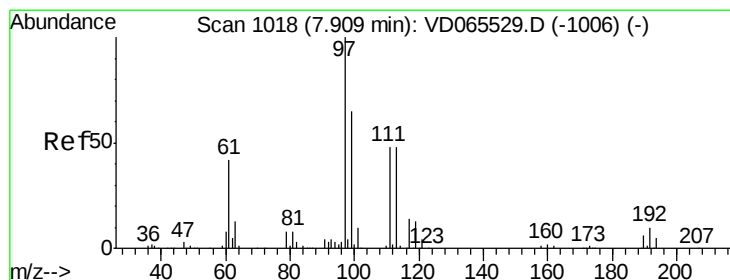
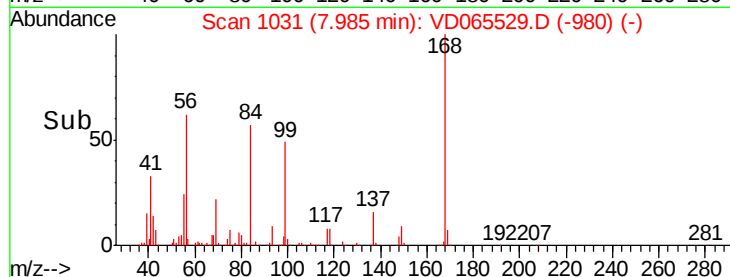
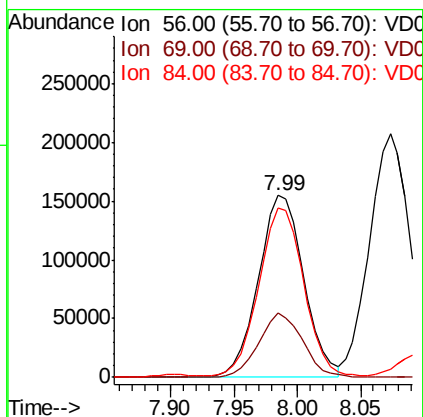
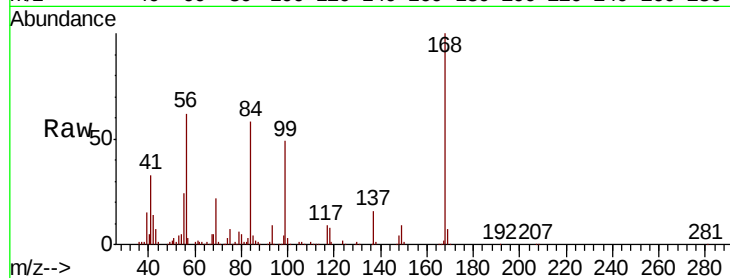




#31
Cyclohexane
Concen: 42.720 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

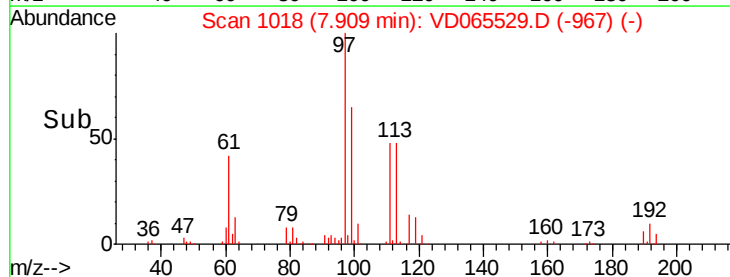
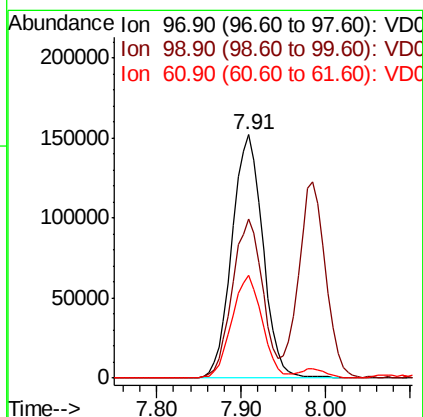
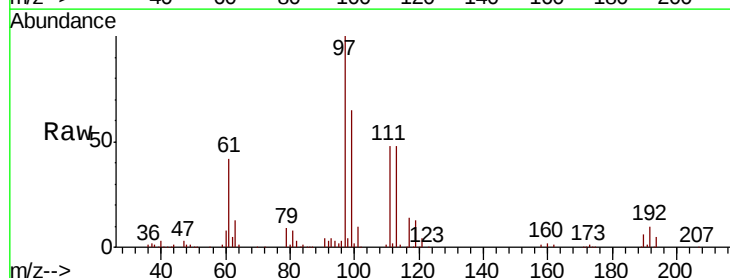
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

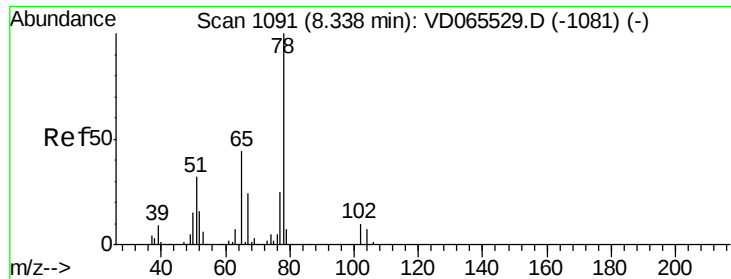
Tot Ion: 56 Resp: 387241
Ion Ratio Lower Upper
56 100
69 35.3 28.2 42.4
84 91.7 73.4 110.0



#32
1,1,1-Trichloroethane
Concen: 45.520 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion: 97 Resp: 383693
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 41.8 33.4 50.2

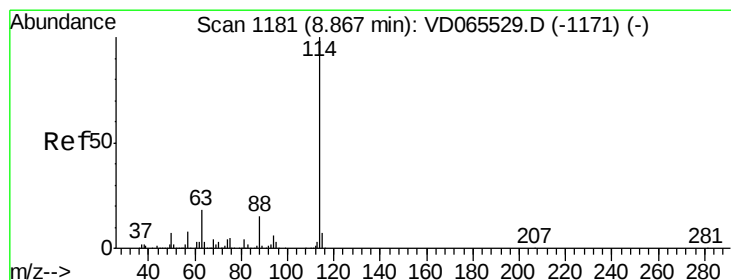
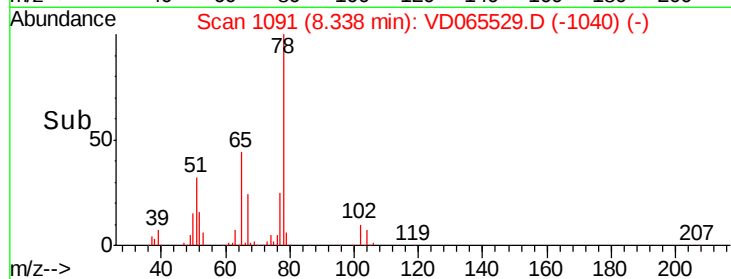
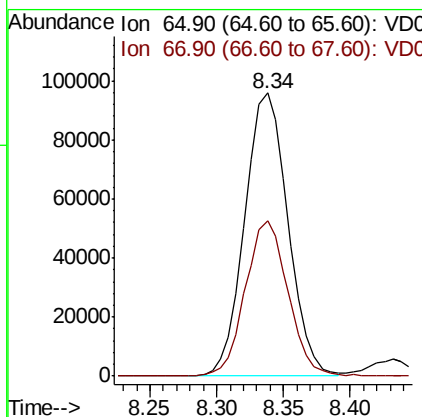
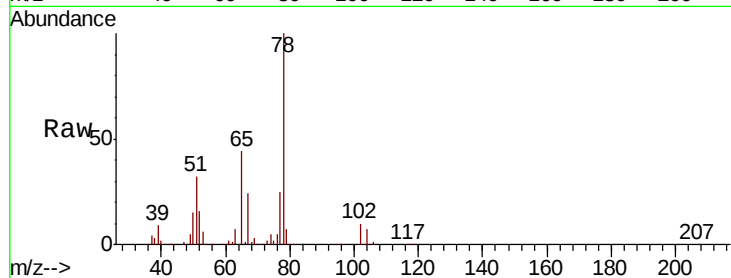




#33
 1,2-Dichloroethane-d4
 Concen: 46.589 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

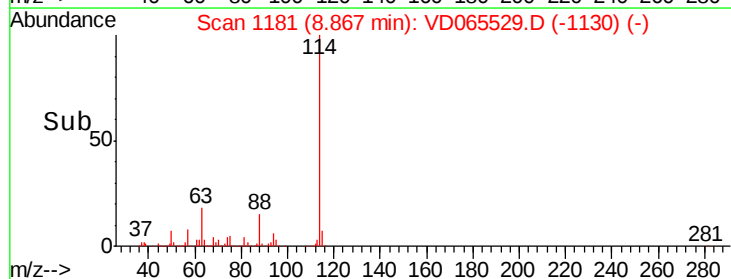
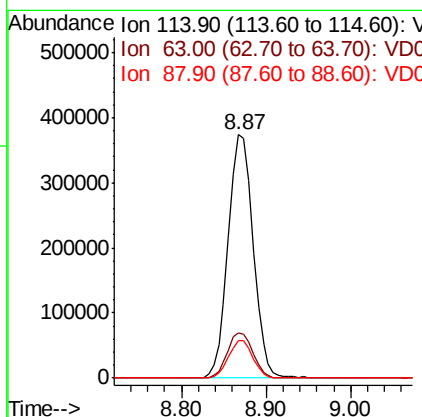
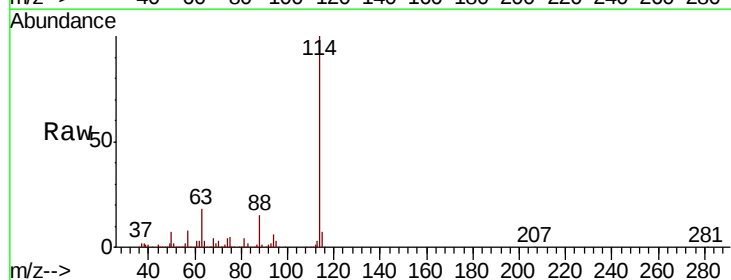
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

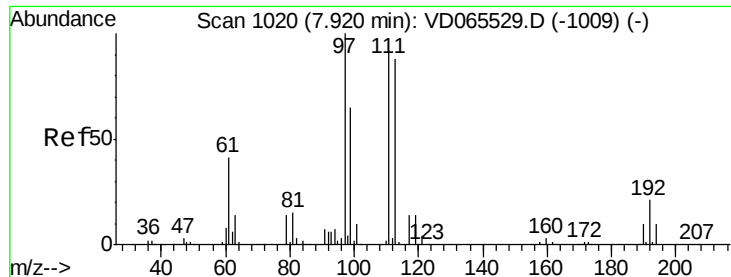
Tot Ion: 65 Resp: 215430
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion: 114 Resp: 766930
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.0
 88 15.2 0.0 30.4

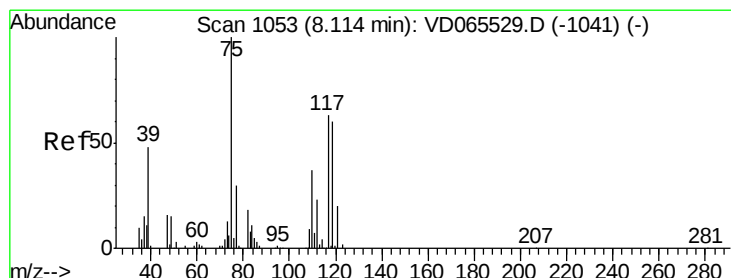
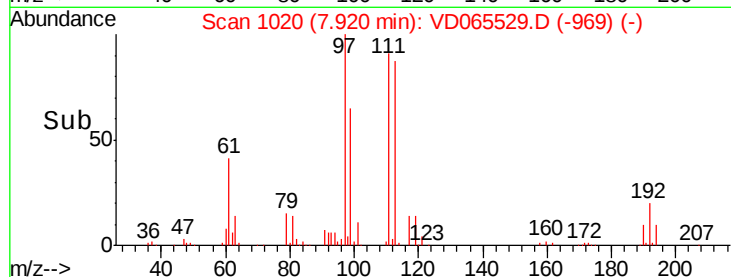
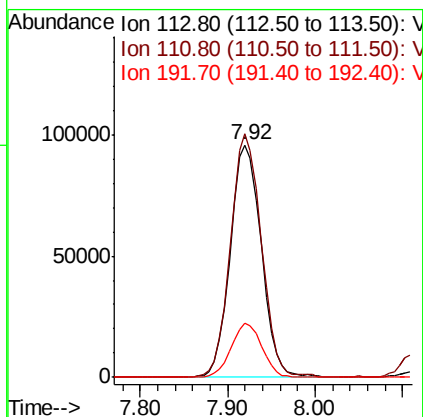
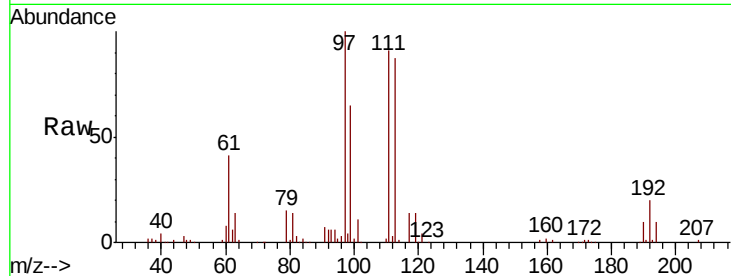




#35
Dibromofluoromethane
Concen: 48.960 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

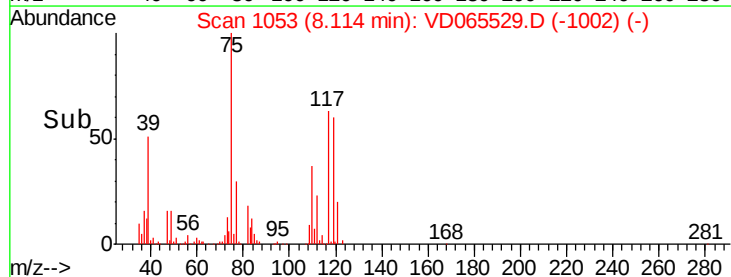
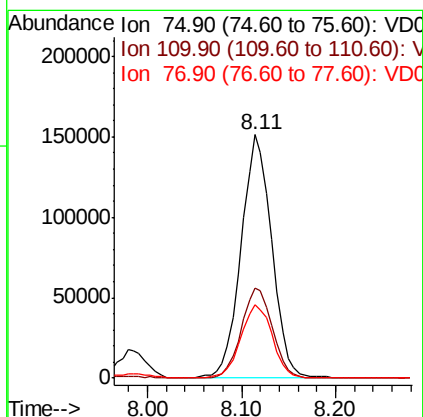
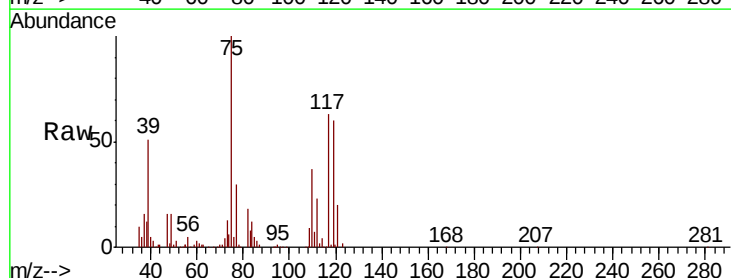
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

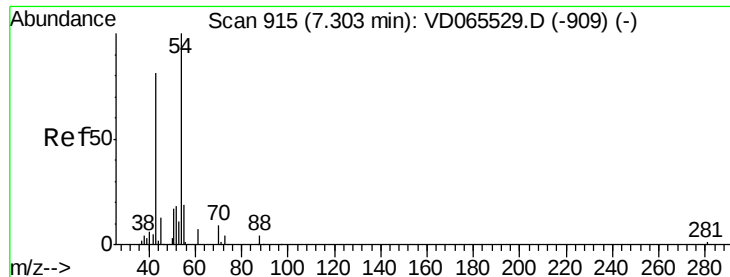
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.3	124.9
192	23.1	18.5	27.7



#36
1,1-Dichloropropene
Concen: 46.985 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.8	56.4
77	31.4	25.1	37.7

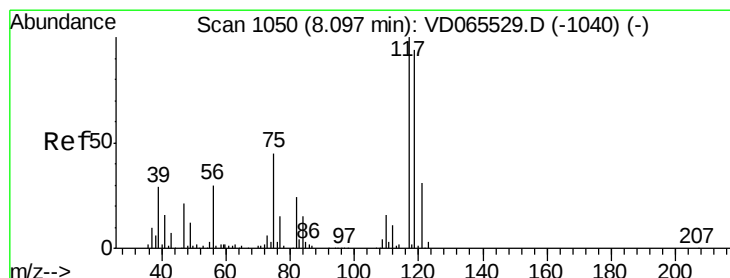
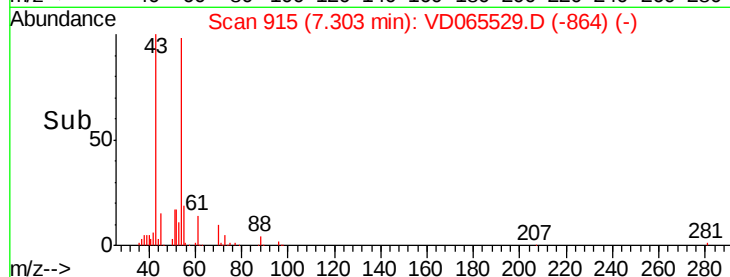
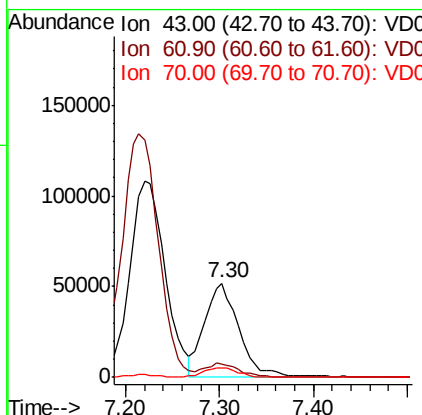
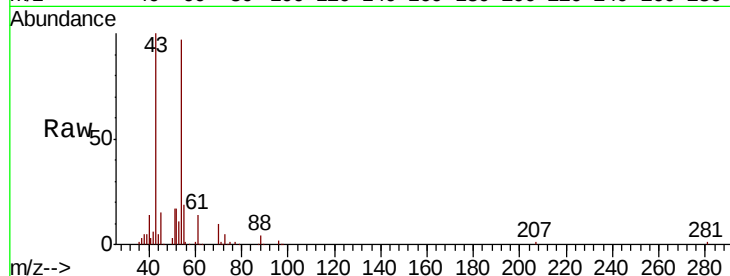




#37
Ethyl Acetate
Concen: 46.216 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

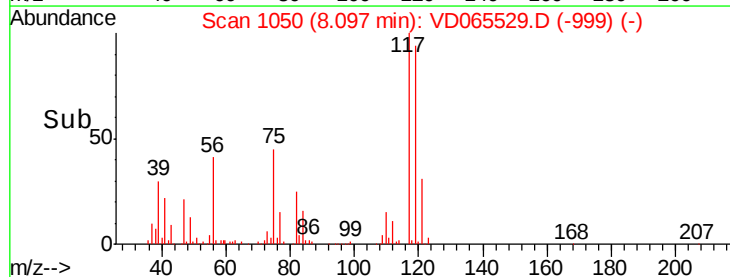
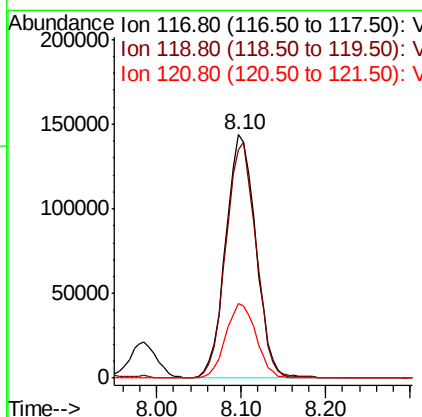
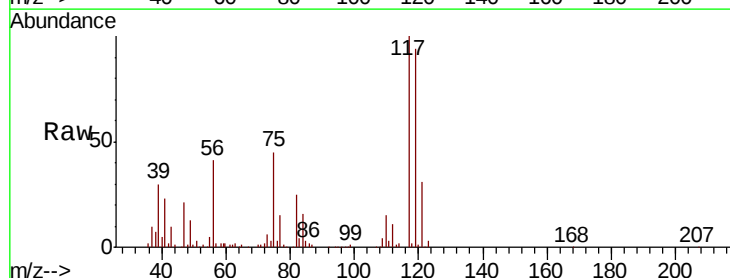
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

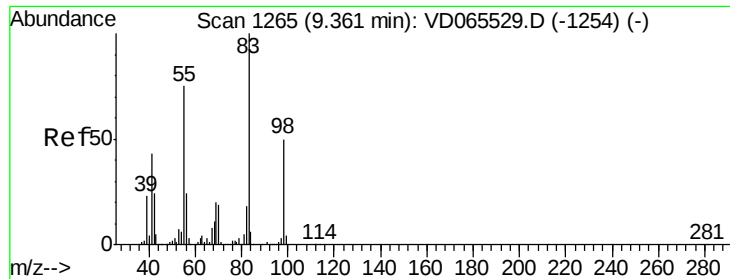
Tot Ion: 43 Resp: 130183
Ion Ratio Lower Upper
43 100
61 15.3 12.2 18.4
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 46.840 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion: 117 Resp: 352942
Ion Ratio Lower Upper
117 100
119 94.0 75.2 112.8
121 30.6 24.5 36.7

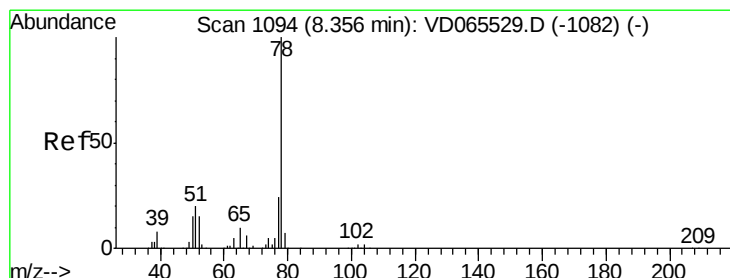
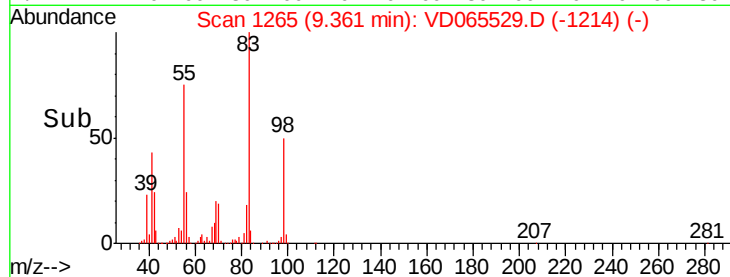
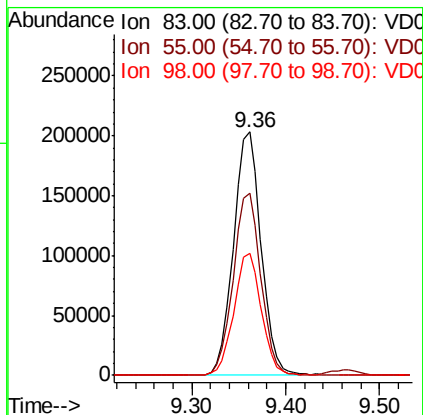
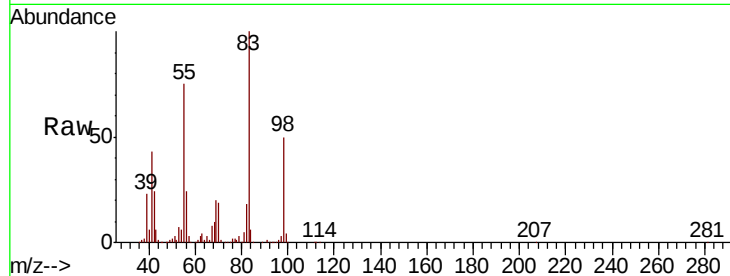




#39
Methylvlcyclohexane
Concen: 47.673 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

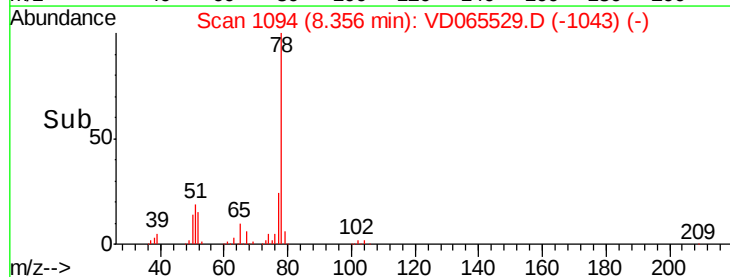
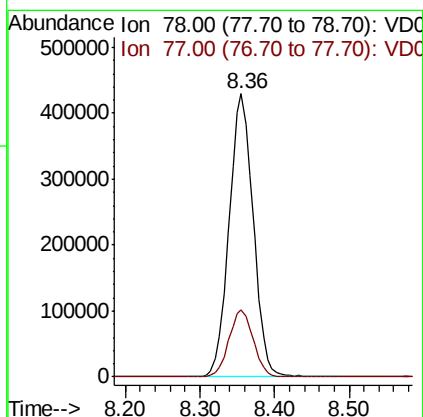
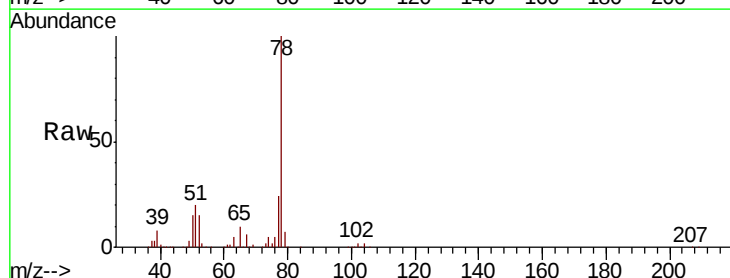
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

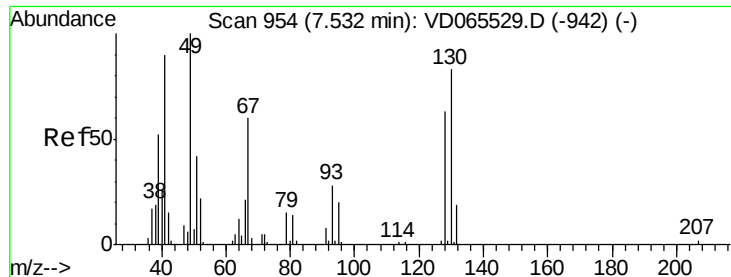
Tot Ion: 83 Resp: 415210
Ion Ratio Lower Upper
83 100
55 74.6 59.7 89.5
98 50.2 40.2 60.2



#40
Benzene
Concen: 47.679 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion: 78 Resp: 967492
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#41

Methacrylonitrile

Concen: 47.165 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 71948

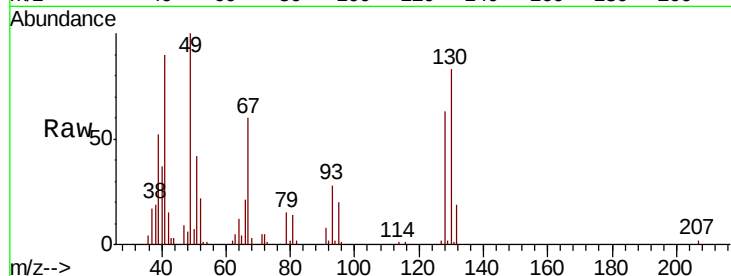
Ion Ratio Lower Upper

41 100

39 53.6 42.9 64.3

67 75.6 60.5 90.7

52 30.6 24.5 36.7

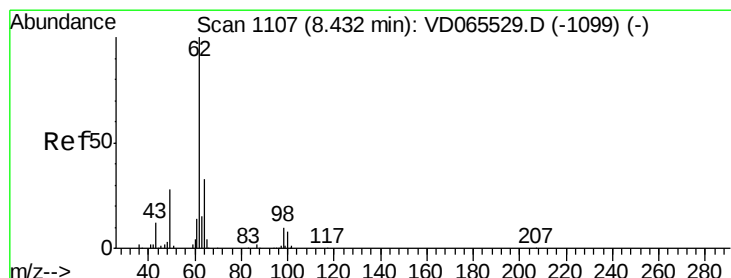
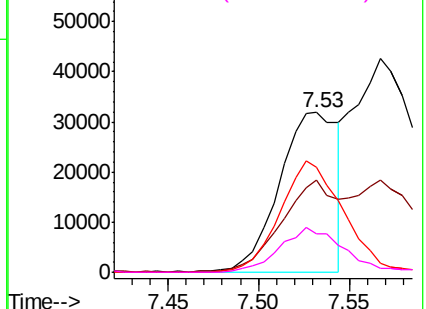
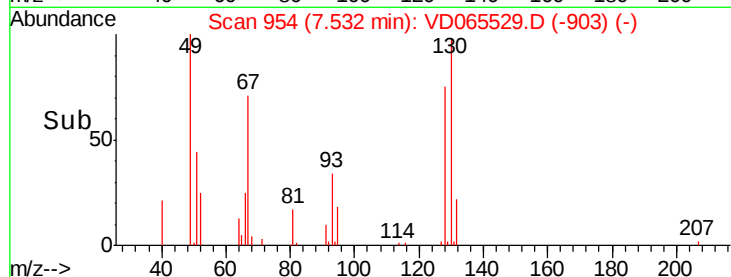


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 47.517 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD065529.D

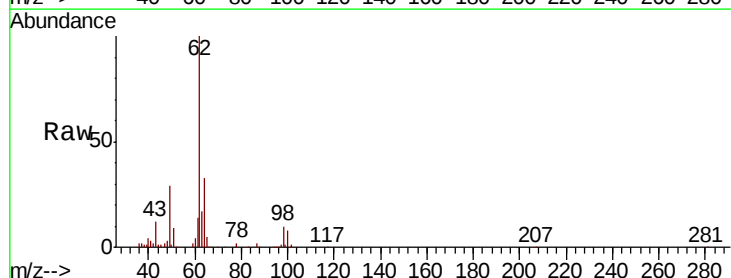
Acq: 26 Mar 2020 17:02

Tgt Ion: 62 Resp: 253411

Ion Ratio Lower Upper

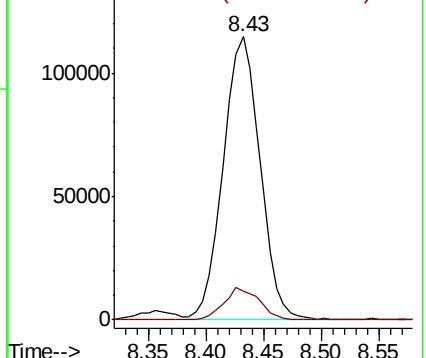
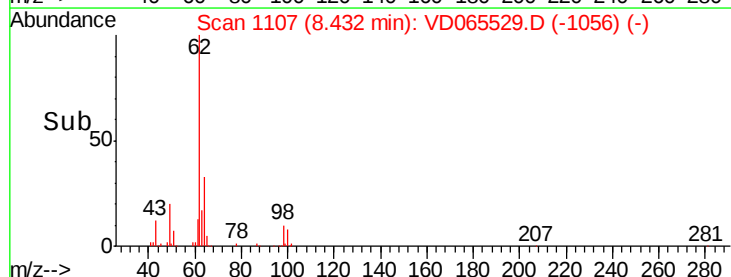
62 100

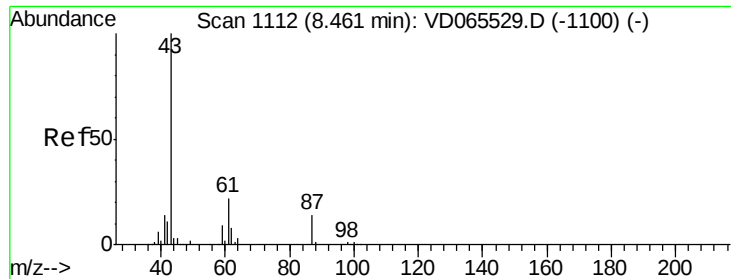
98 10.9 0.0 21.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



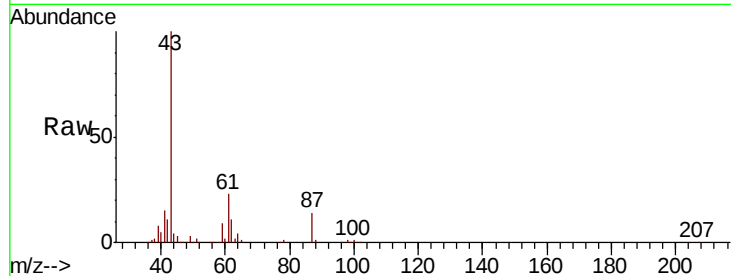


#43

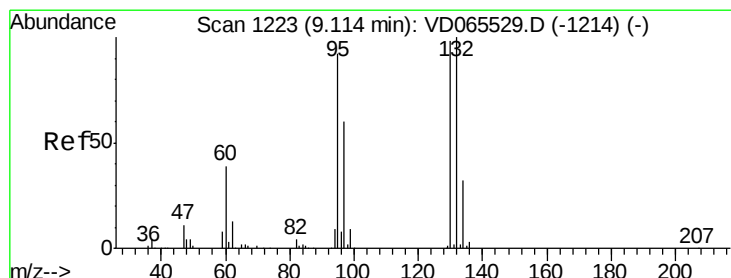
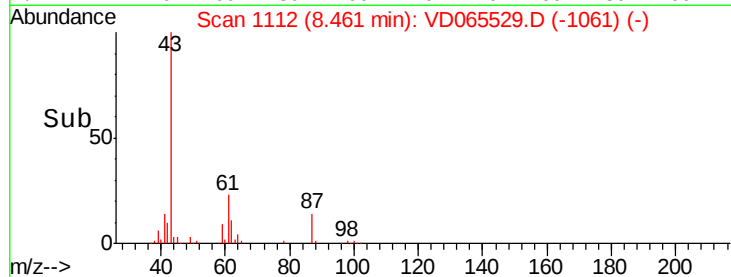
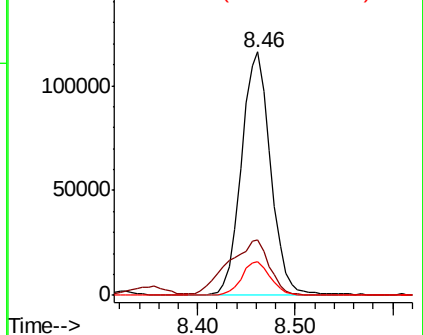
Isopropyl Acetate
 Concen: 46.918 ug/l
 RT: 8.46 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	43	Resp	243319
Ion Ratio	Lower	Upper	
43	100		
61	31.2	25.0	37.4
87	13.7	11.0	16.4



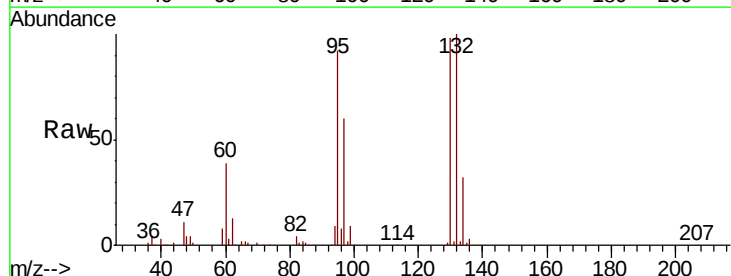
Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 61.00 (60.70 to 61.70): VDC
 Ion 87.00 (86.70 to 87.70): VDC



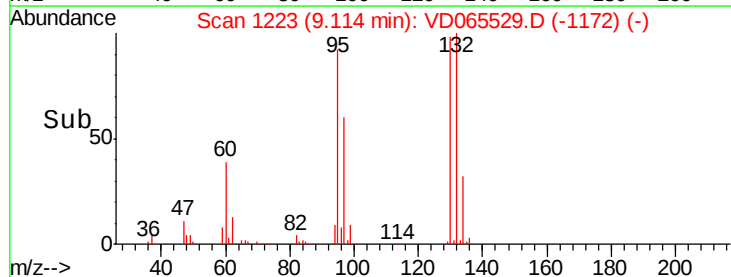
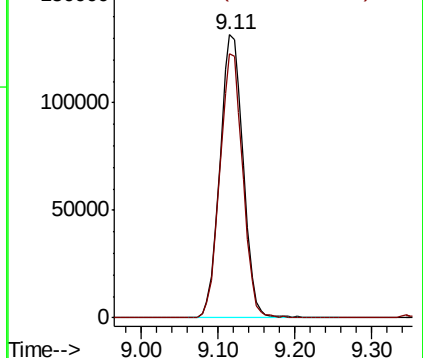
#44

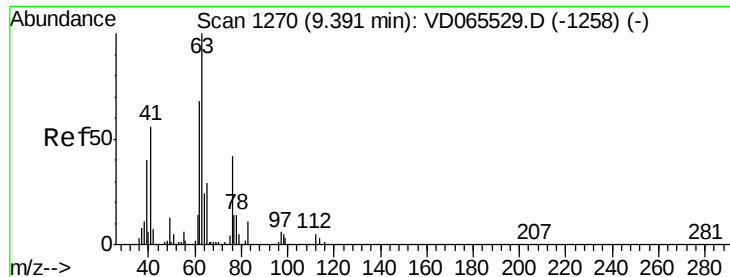
Trichloroethene
 Concen: 47.970 ug/l
 RT: 9.11 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion	130	Resp	275591
Ion Ratio	Lower	Upper	
130	100		
95	93.5	0.0	187.0



Abundance Ion 129.80 (129.50 to 130.50): VDC
 Ion 94.90 (94.60 to 95.60): VDC

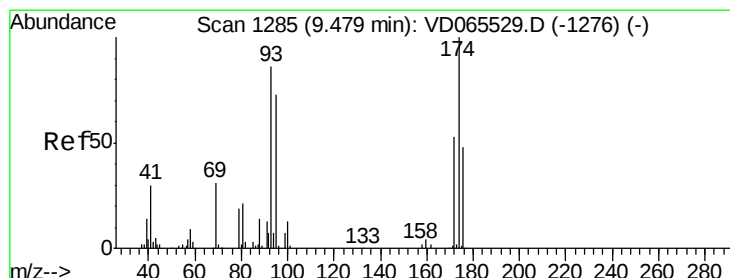
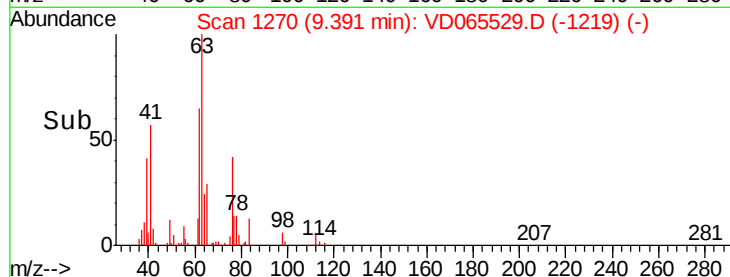
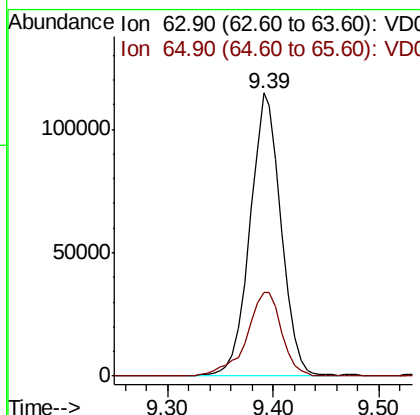
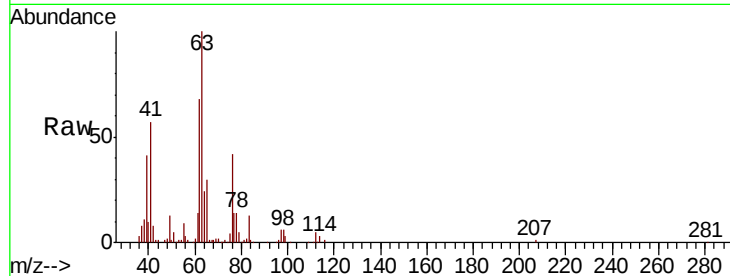




#45
 1,2-Dichloropropane
 Concen: 47.667 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

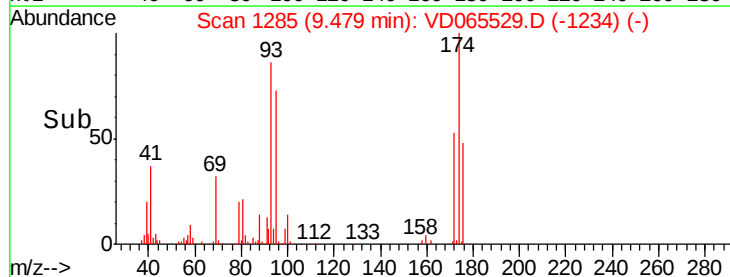
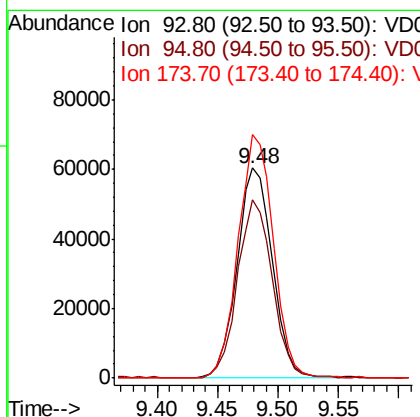
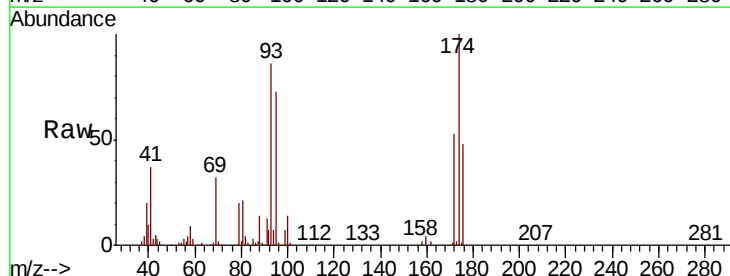
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

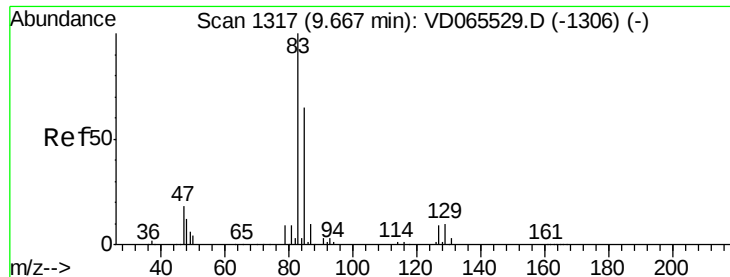
Tot Ion: 63 Resp: 234732
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.5 35.3



#46
 Dibromomethane
 Concen: 48.217 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion: 93 Resp: 123342
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.3 100.9
 174 115.6 92.5 138.7

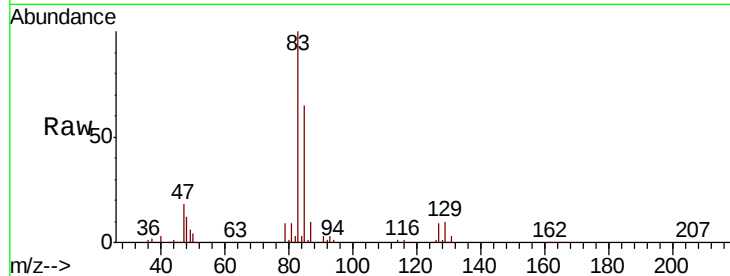




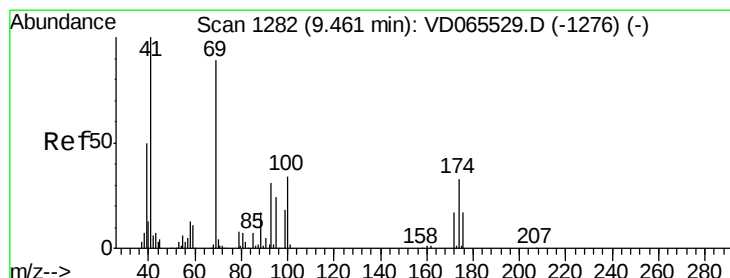
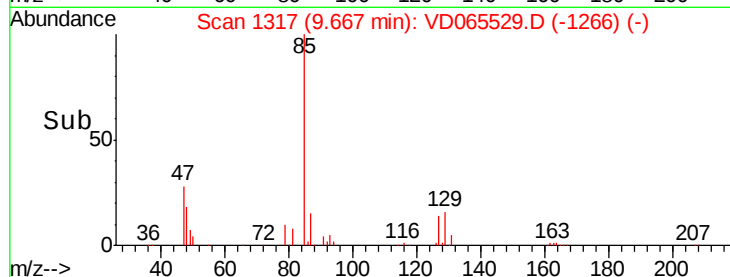
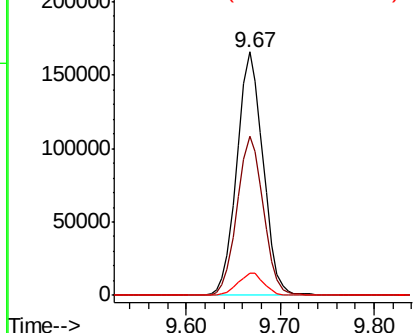
#47
Bromodichloromethane
Concen: 48.204 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 320902
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.2
127 8.9 7.1 10.7

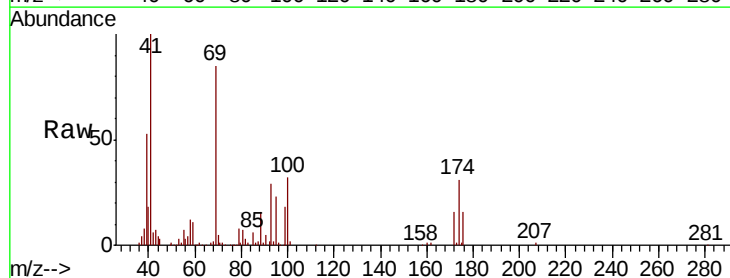


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

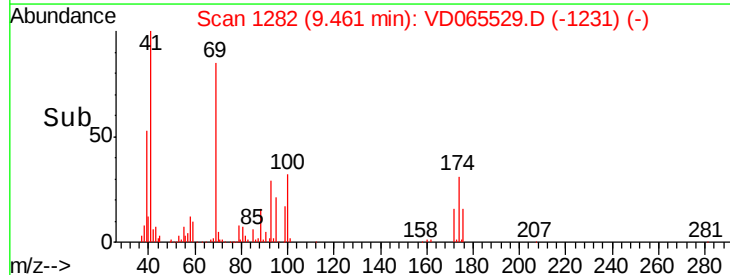
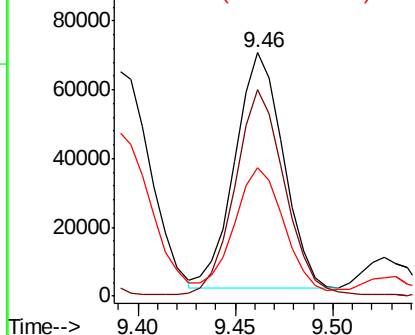


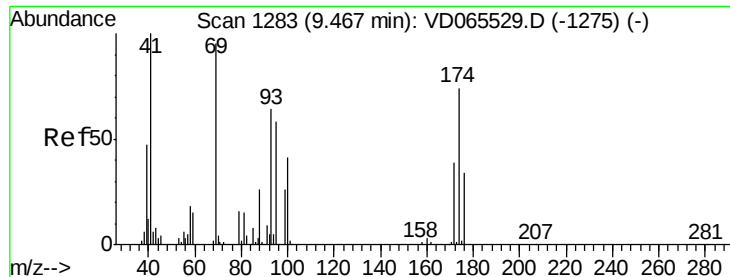
#48
Methyl methacrylate
Concen: 47.849 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion: 41 Resp: 117158
Ion Ratio Lower Upper
41 100
69 89.7 71.8 107.6
39 52.8 42.2 63.4



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: 993.874 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

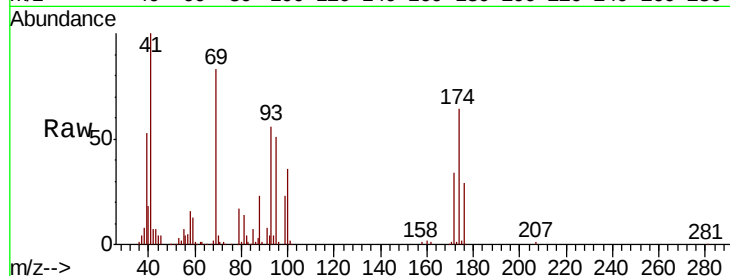
Tot Ion: 88 Resp: 29272

Ion Ratio Lower Upper

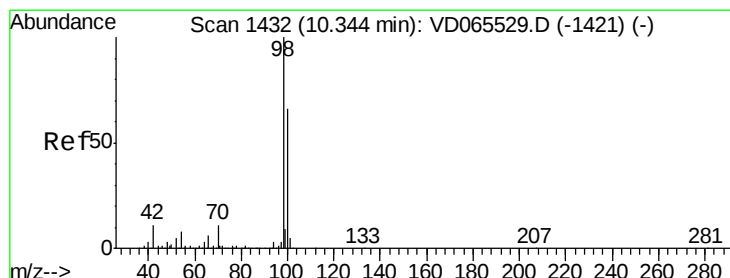
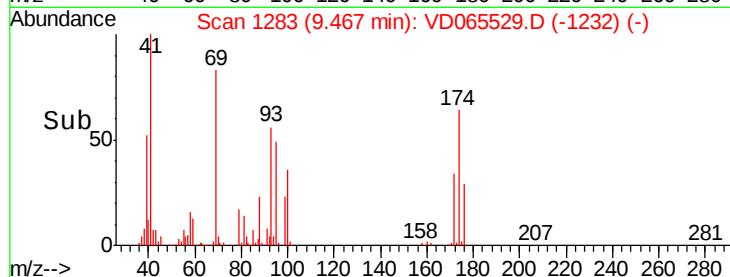
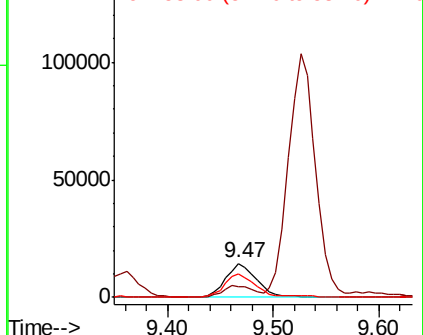
88 100

43 32.5 26.0 39.0

58 68.3 54.6 82.0



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: 50.139 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065529.D

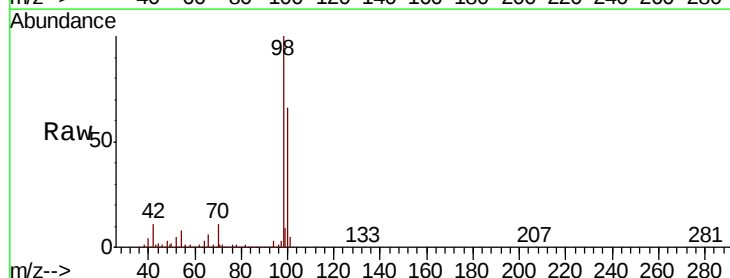
Acq: 26 Mar 2020 17:02

Tgt Ion: 98 Resp: 904560

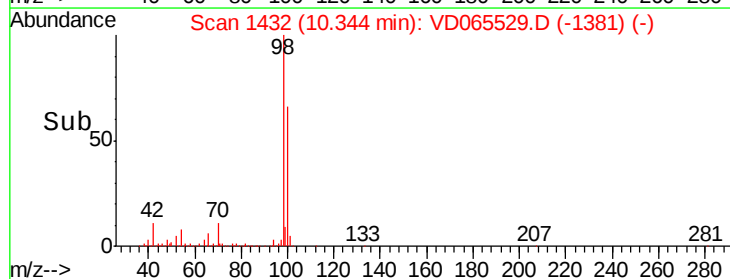
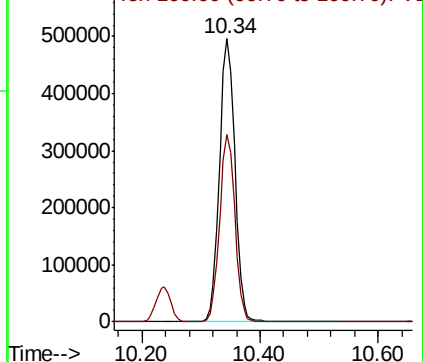
Ion Ratio Lower Upper

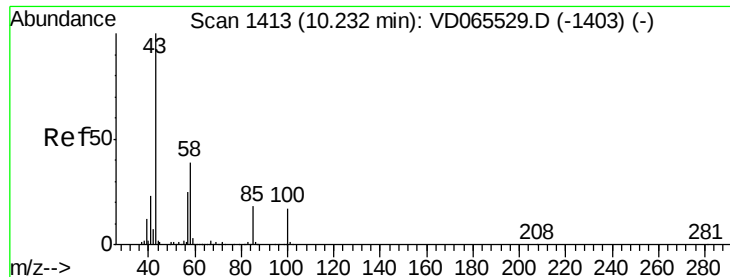
98 100

100 65.2 52.2 78.2



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: 243.659 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

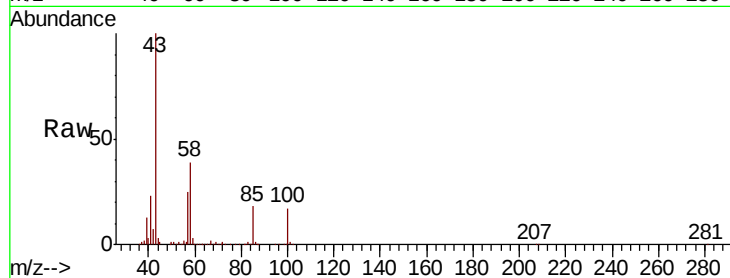
VSTDICCC050

Tot Ion: 43 Resp: 637988

Ion Ratio Lower Upper

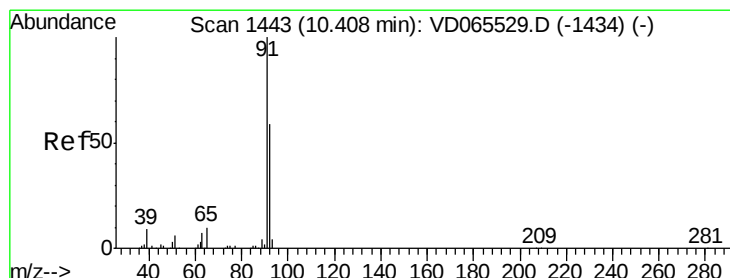
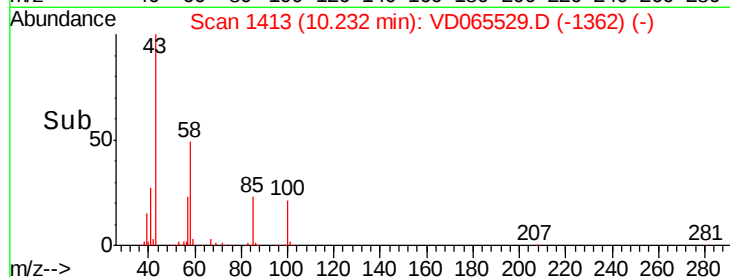
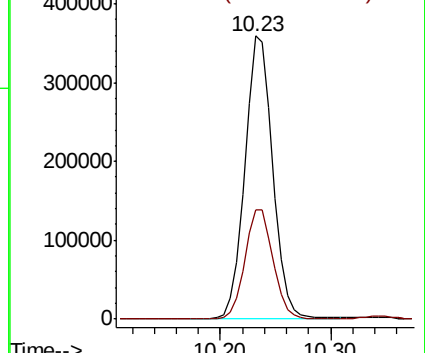
43 100

58 39.3 31.4 47.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 49.038 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065529.D

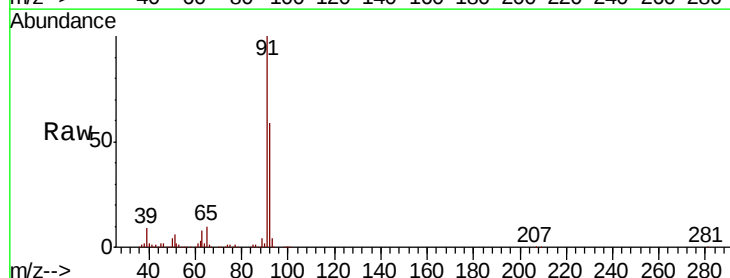
Acq: 26 Mar 2020 17:02

Tgt Ion: 92 Resp: 627997

Ion Ratio Lower Upper

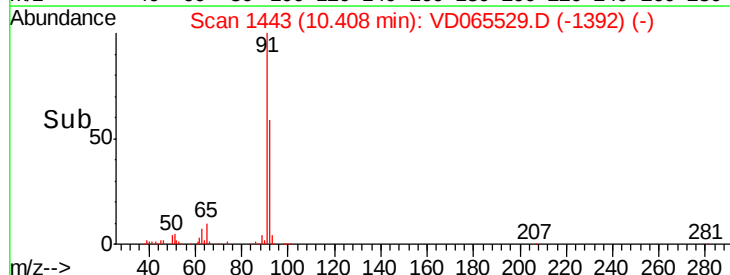
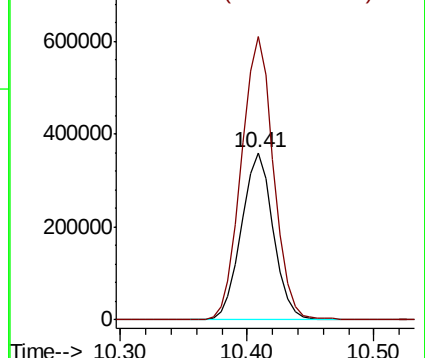
92 100

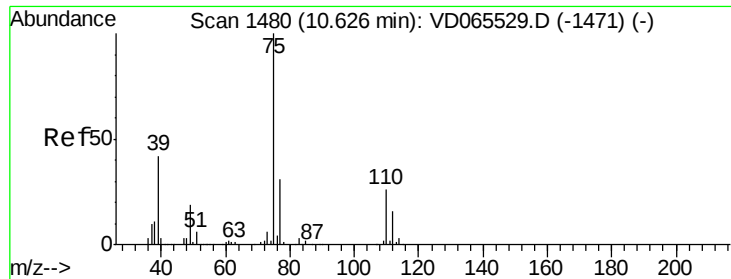
91 171.6 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 49.023 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

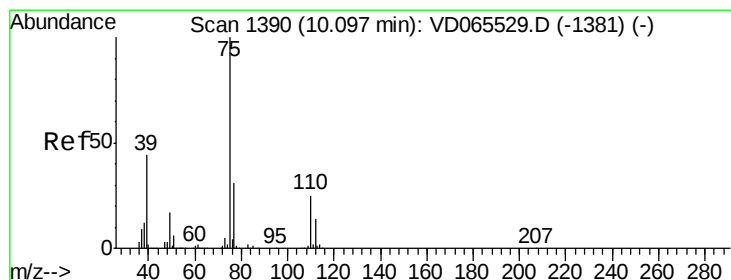
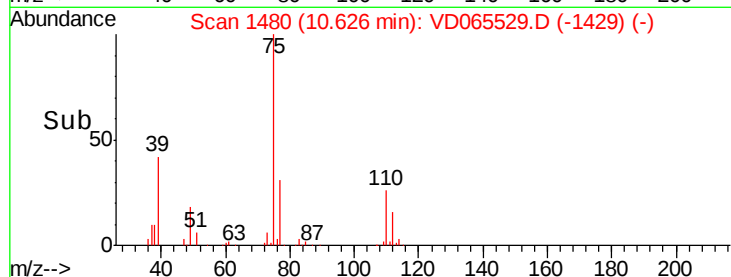
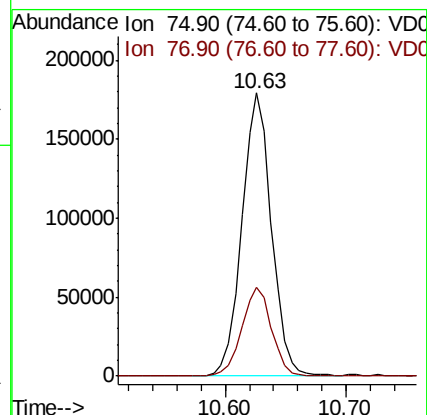
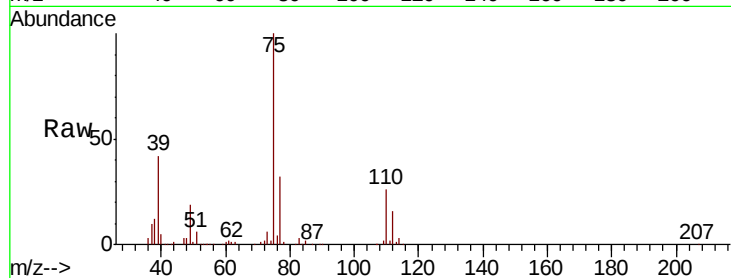
VSTDICCC050

Tot Ion: 75 Resp: 305294

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 49.373 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

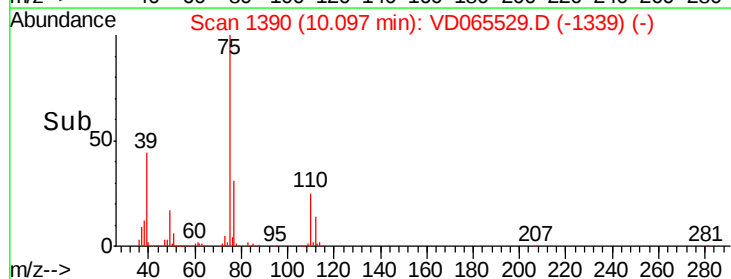
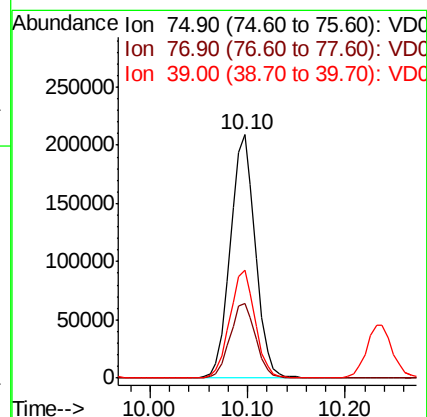
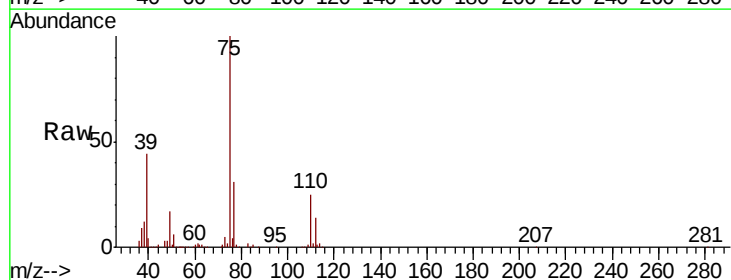
Tgt Ion: 75 Resp: 371830

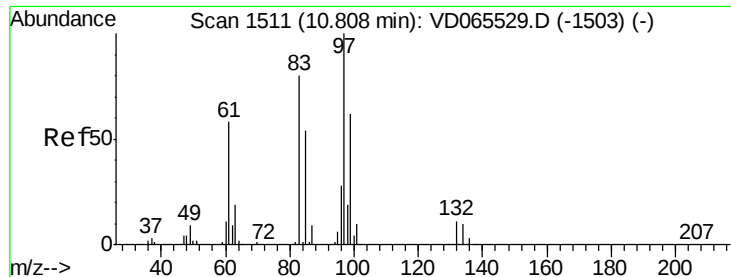
Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

39 44.3 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 48.233 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 97 Resp: 175728

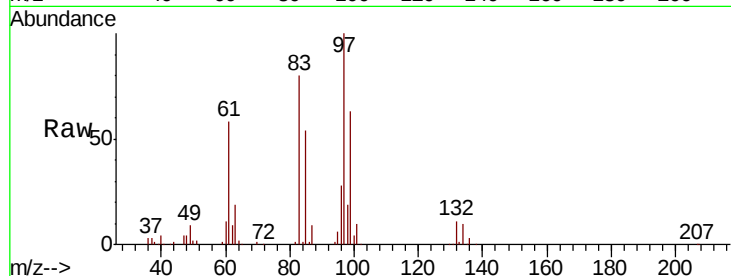
Ion Ratio Lower Upper

97 100

83 79.7 63.8 95.6

85 53.6 42.9 64.3

99 62.4 49.9 74.9

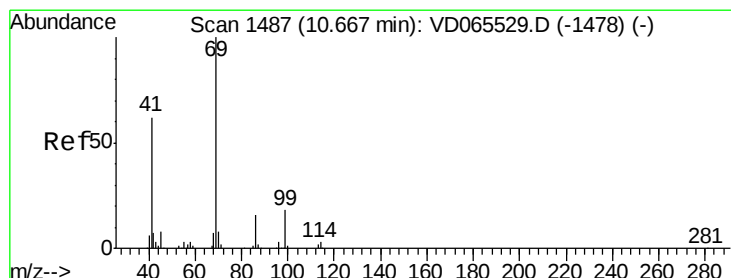
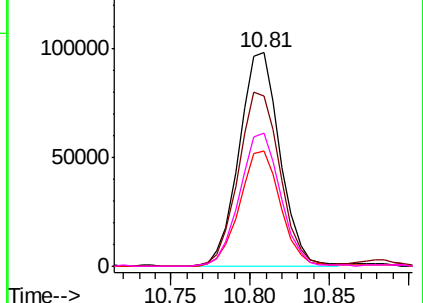
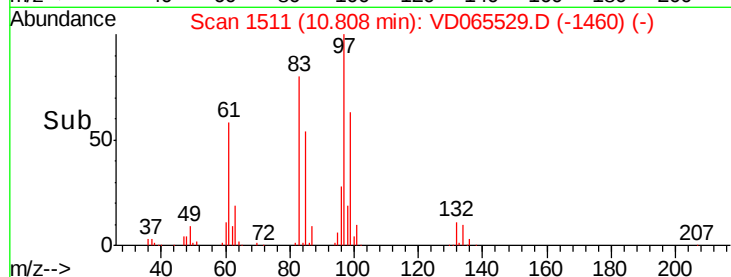


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 51.048 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

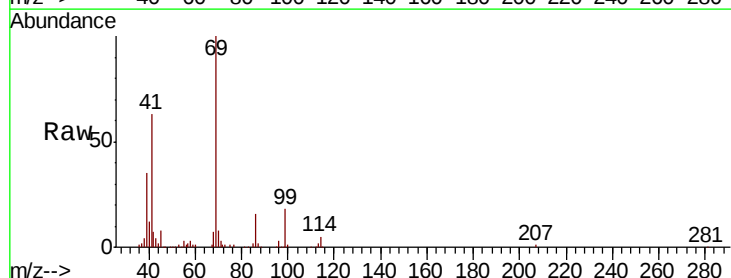
Tgt Ion: 69 Resp: 209392

Ion Ratio Lower Upper

69 100

41 64.1 51.3 76.9

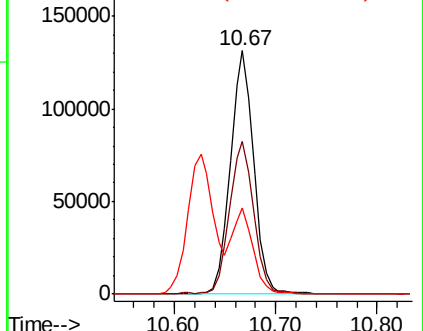
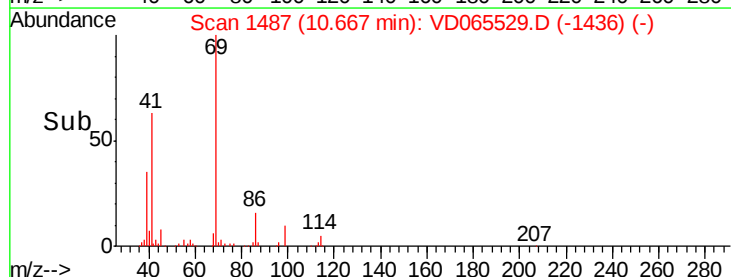
39 31.6 25.3 37.9

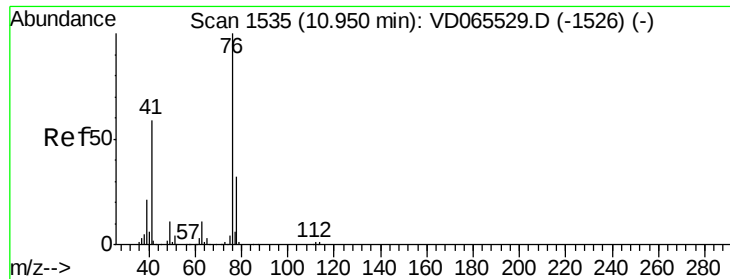


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 48.577 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

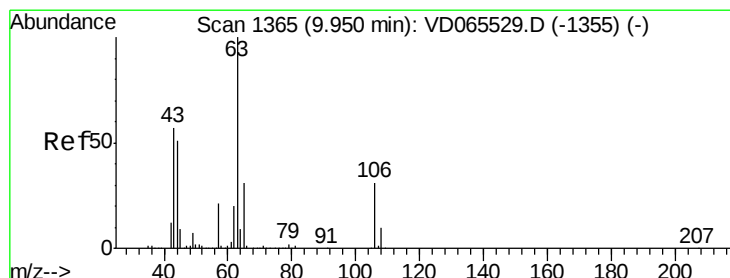
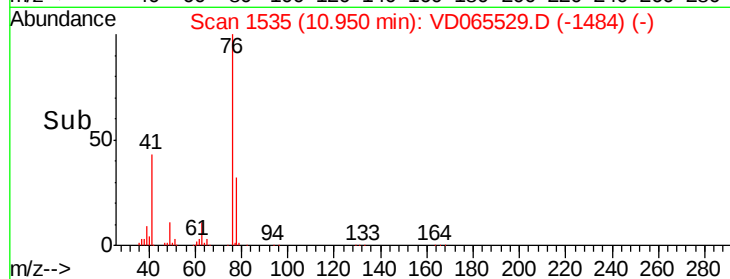
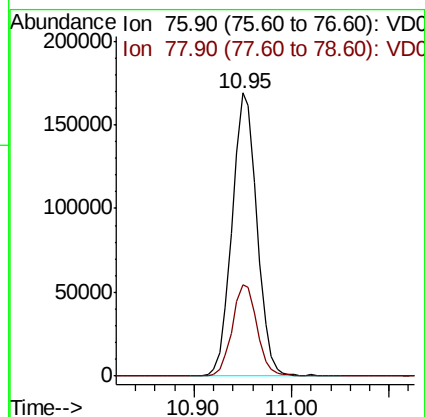
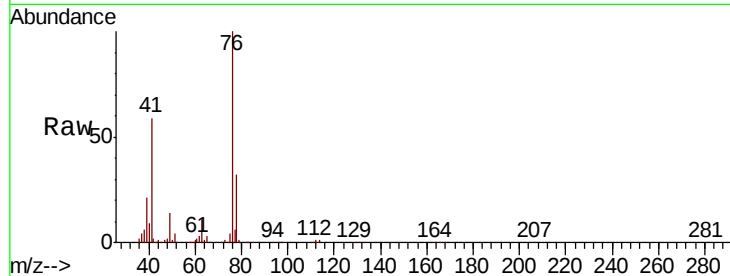
VSTDICCC050

Tot Ion: 76 Resp: 299124

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 366.086 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065529.D

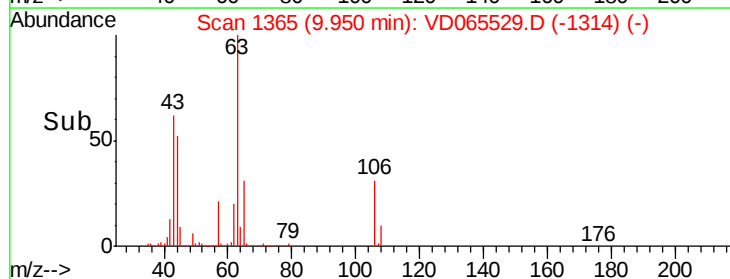
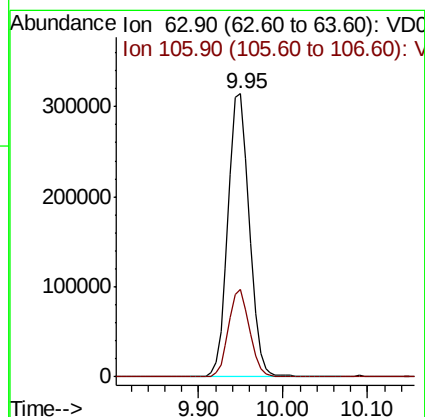
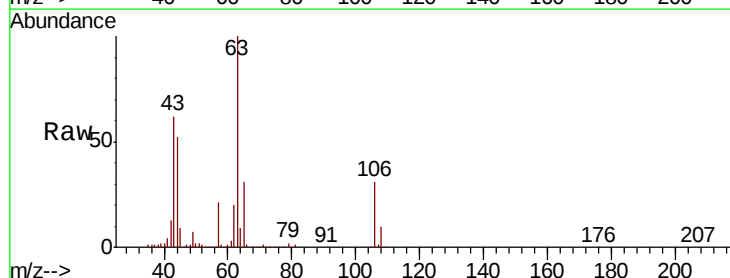
Acq: 26 Mar 2020 17:02

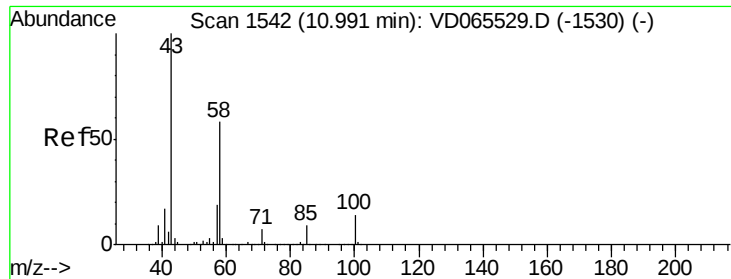
Tgt Ion: 63 Resp: 548812

Ion Ratio Lower Upper

63 100

106 30.4 24.3 36.5

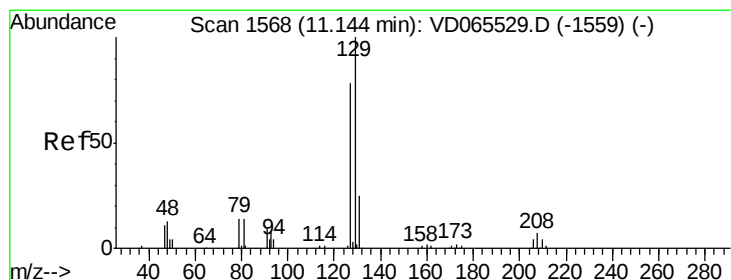
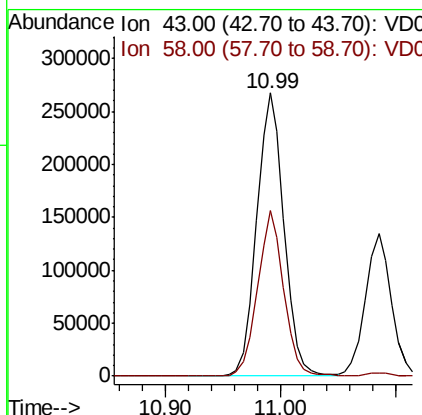
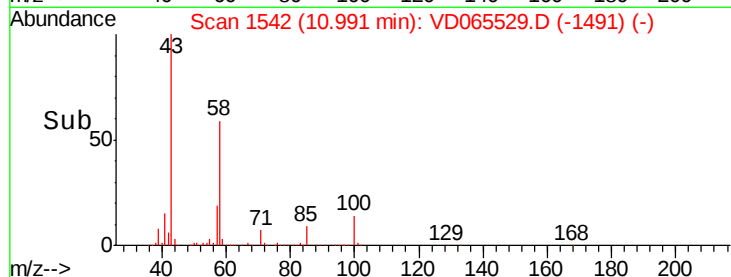
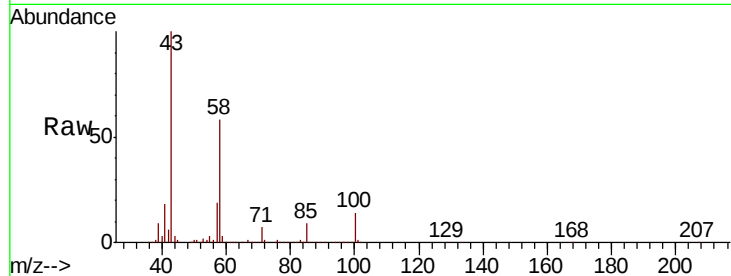




#59
2-Hexanone
Concen: 243.778 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

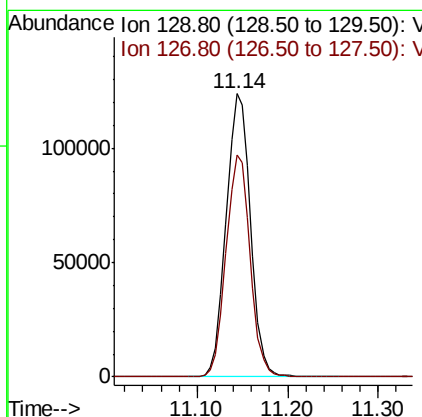
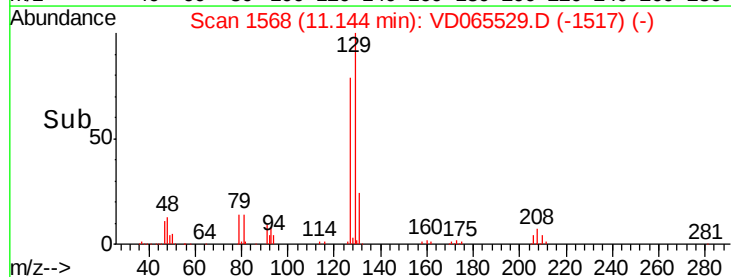
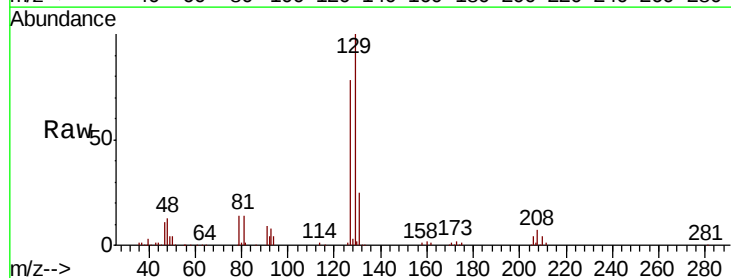
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

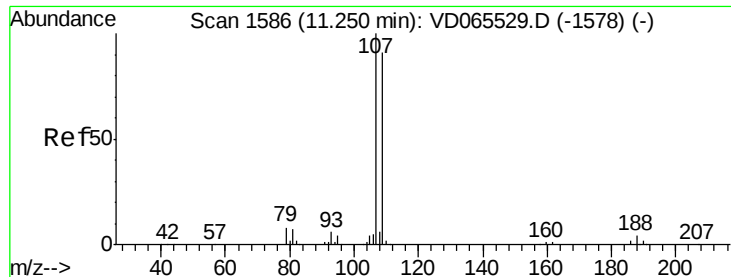
Tot Ion: 43 Resp: 440619
Ion Ratio Lower Upper
43 100
58 55.8 27.9 83.7



#60
Dibromochloromethane
Concen: 49.337 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion: 129 Resp: 230861
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6

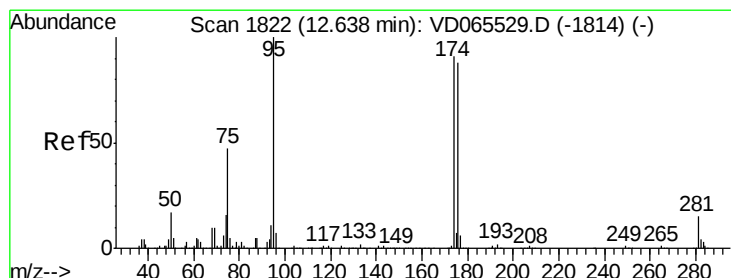
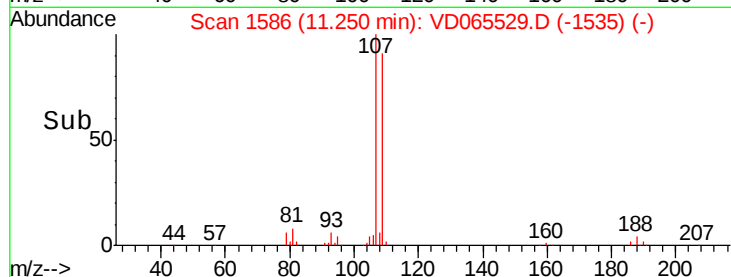
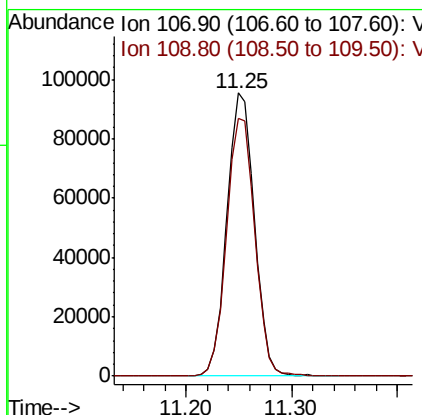
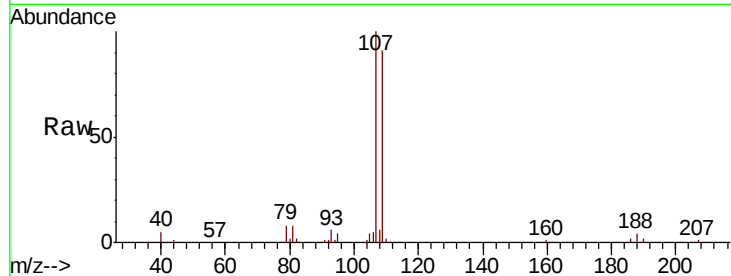




#61
 1,2-Dibromoethane
 Concen: 49.201 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

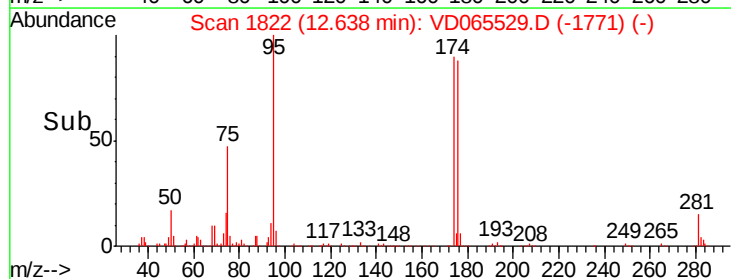
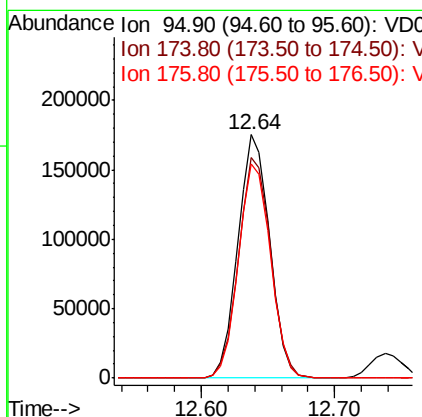
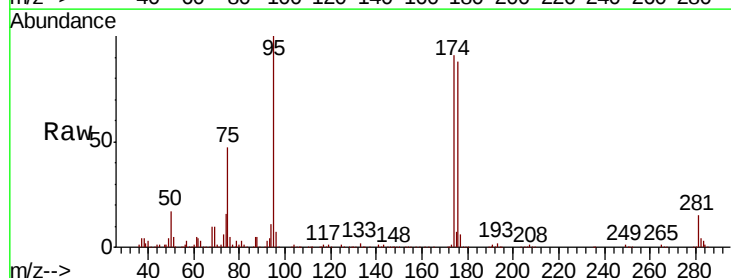
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

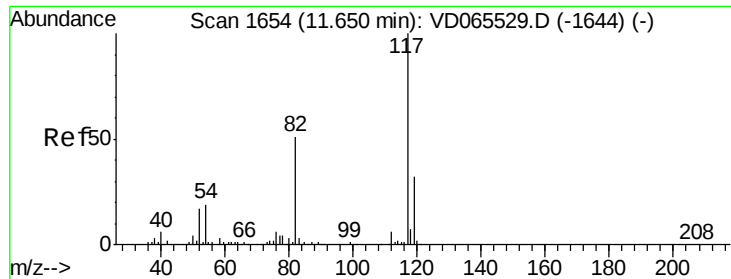
Tot Ion:107 Resp: 171617
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 51.524 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion: 95 Resp: 287946
 Ion Ratio Lower Upper
 95 100
 174 91.9 0.0 183.8
 176 89.1 0.0 178.2

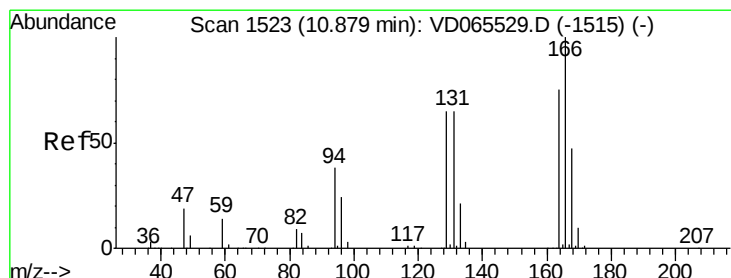
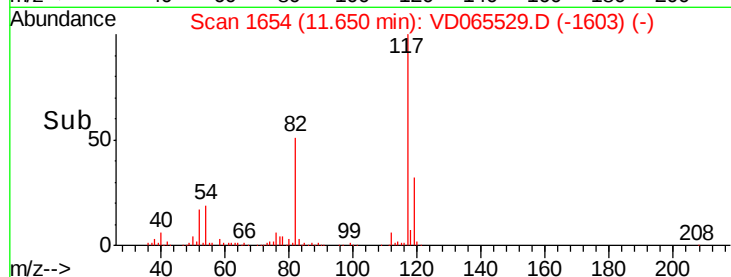
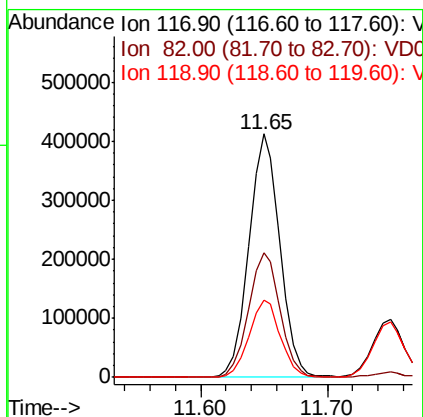
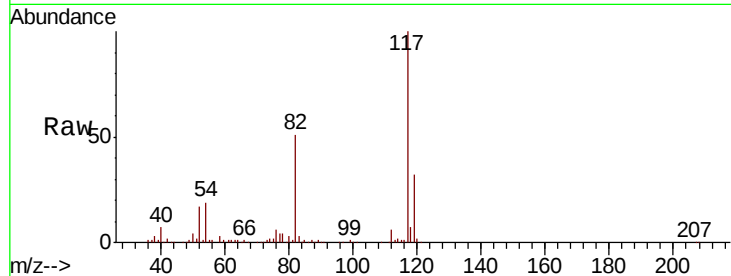




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

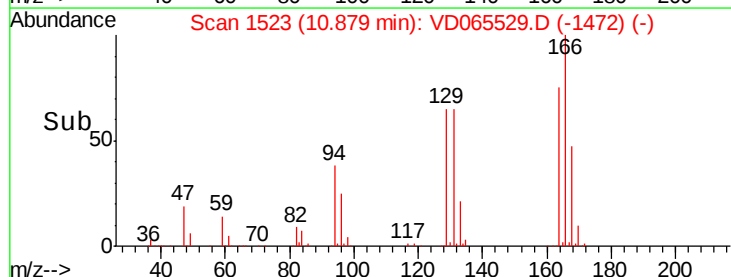
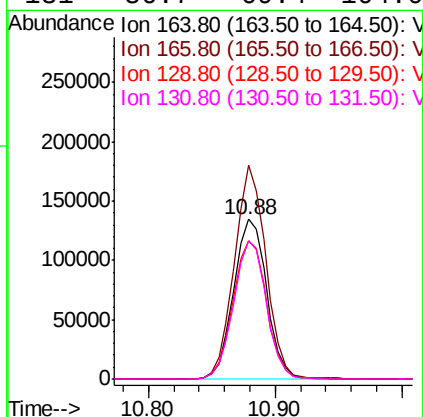
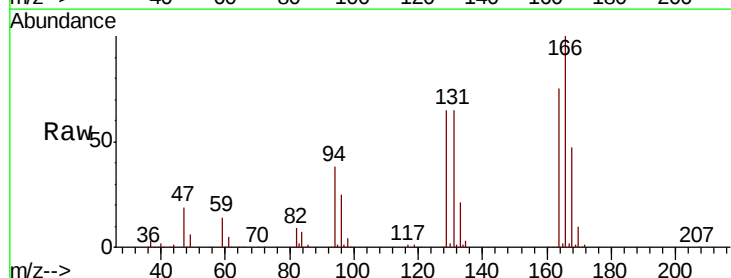
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

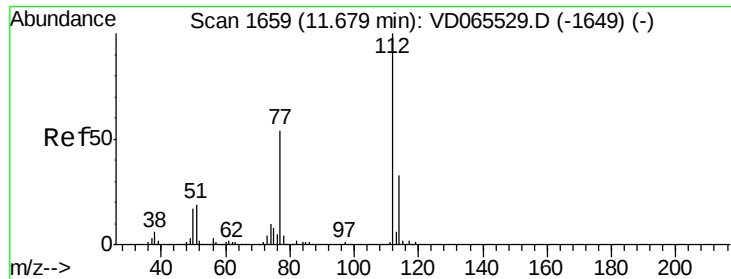
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.0	61.6
119	31.9	25.5	38.3



#64
Tetrachloroethene
Concen: 48.717 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.9	107.1	160.7
129	86.5	69.2	103.8
131	86.7	69.4	104.0

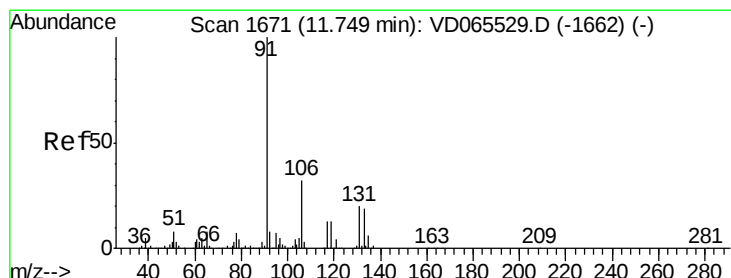
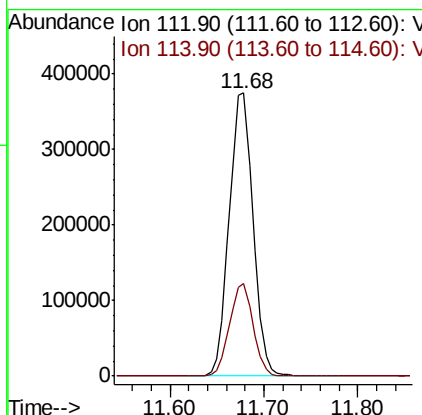
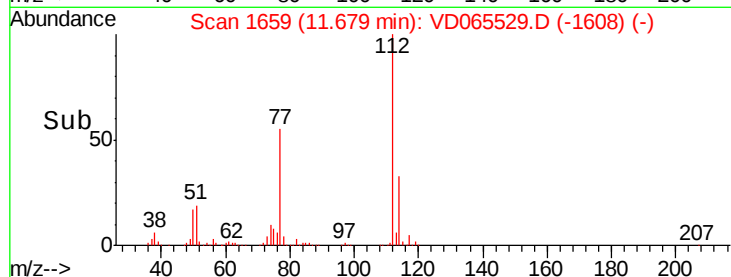
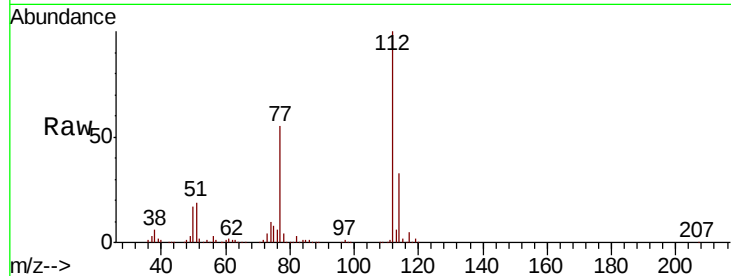




#65
Chlorobenzene
Concen: 48.246 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

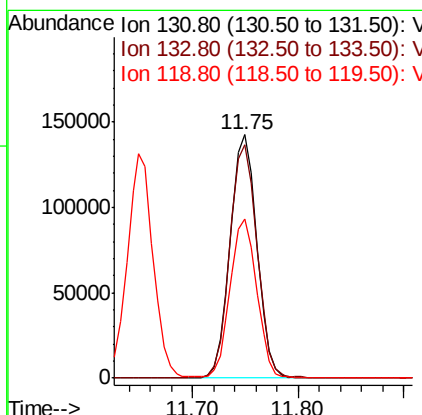
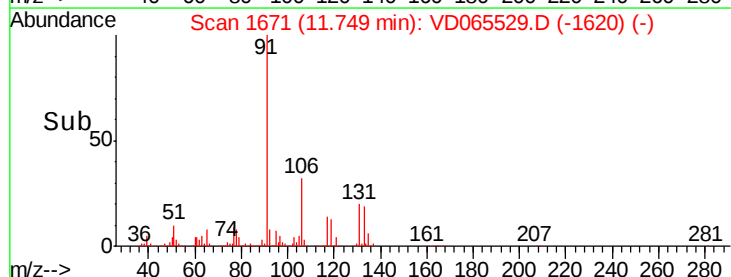
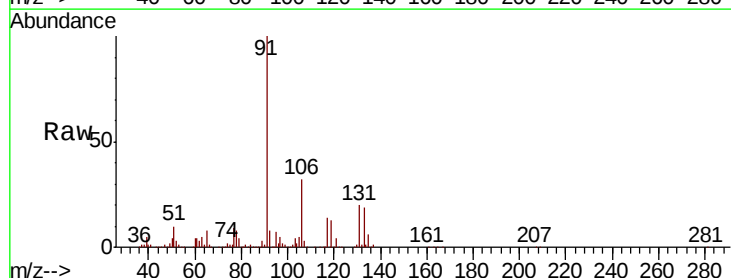
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

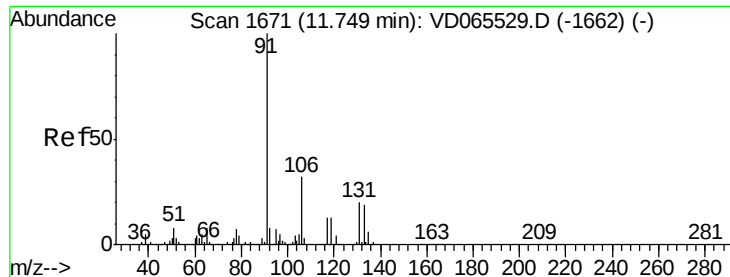
Tot Ion:112 Resp: 663482
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.445 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion:131 Resp: 249048
Ion Ratio Lower Upper
131 100
133 97.8 48.9 146.7
119 64.9 32.5 97.4





#67

Ethyl Benzene

Concen: 49.809 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

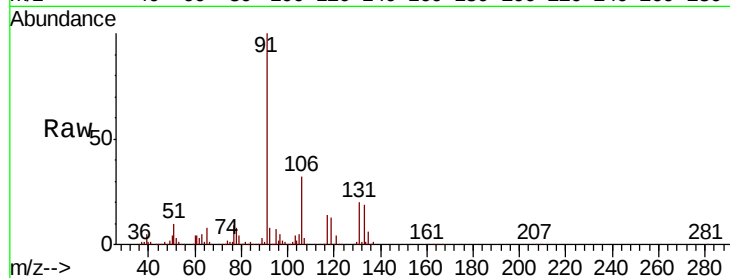
VSTDICCC050

Tot Ion: 91 Resp: 1179250

Ion Ratio Lower Upper

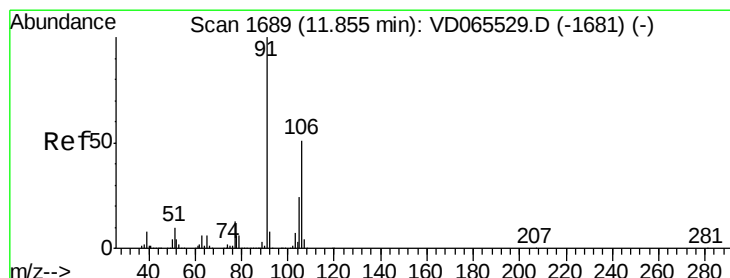
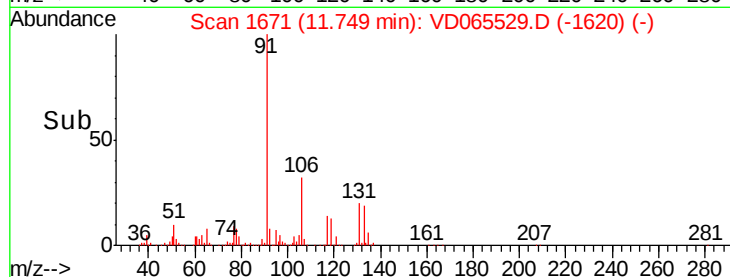
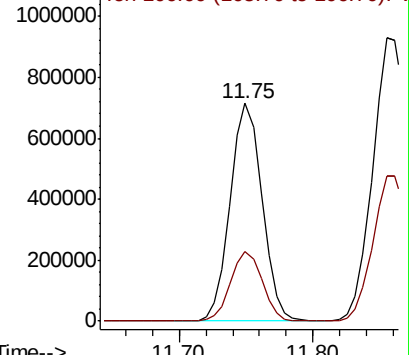
91 100

106 31.7 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.942 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065529.D

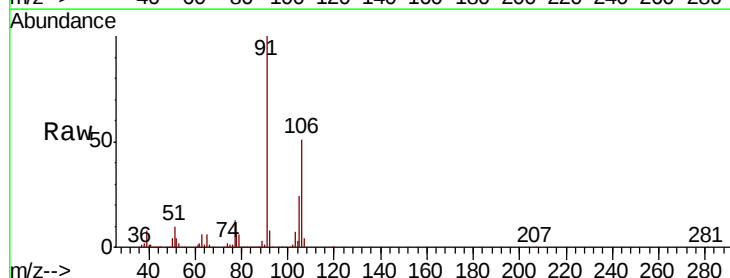
Acq: 26 Mar 2020 17:02

Tgt Ion: 106 Resp: 922325

Ion Ratio Lower Upper

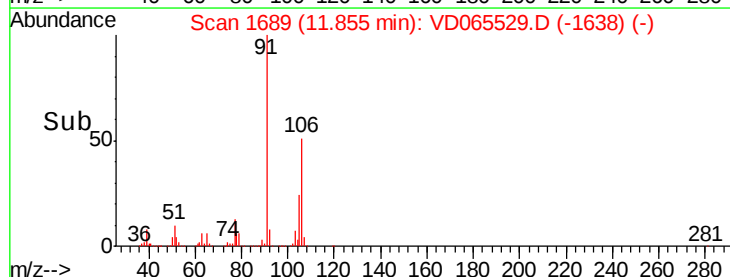
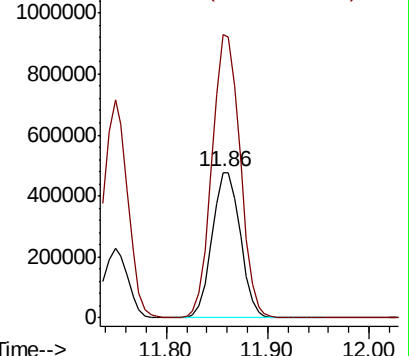
106 100

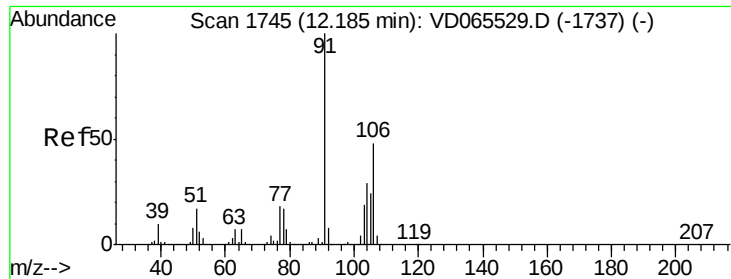
91 194.2 155.4 233.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

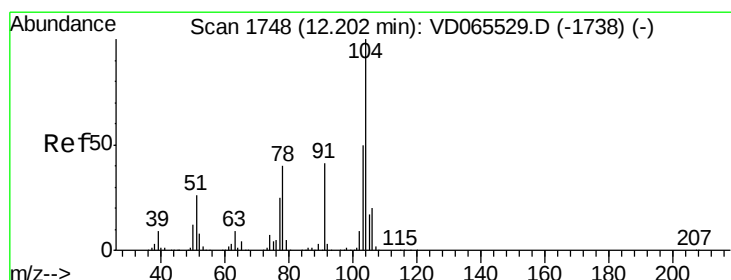
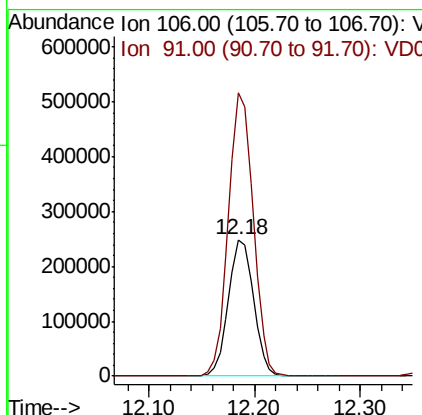
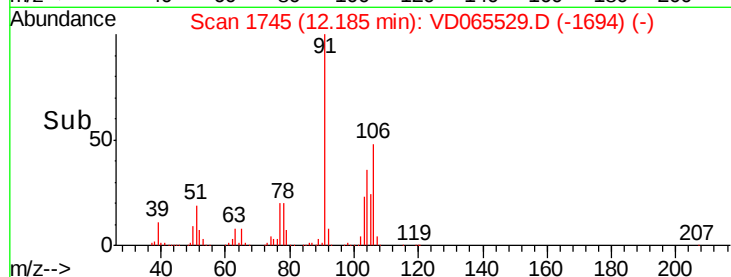
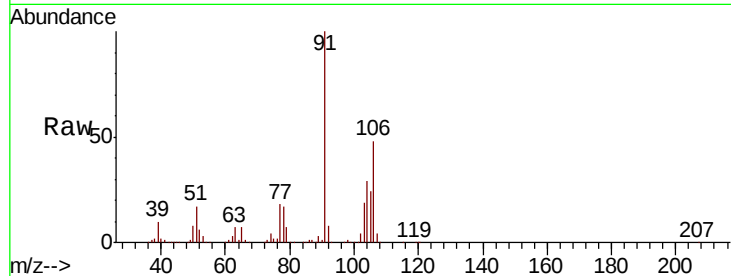




#69
o-Xylene
Concen: 50.919 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

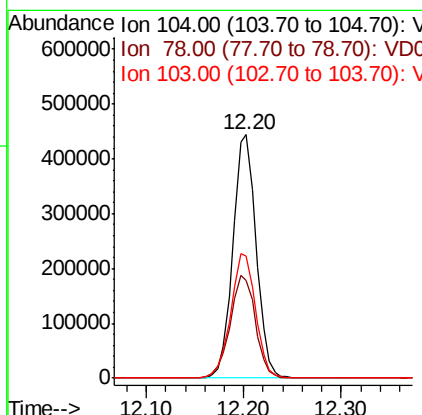
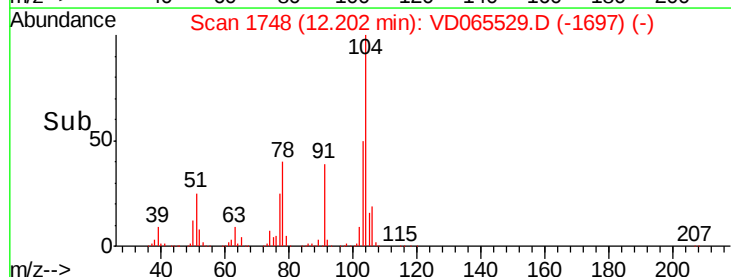
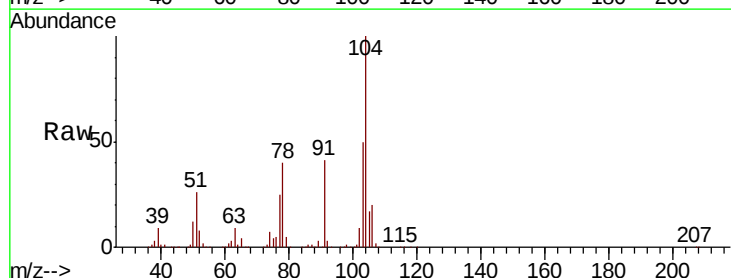
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

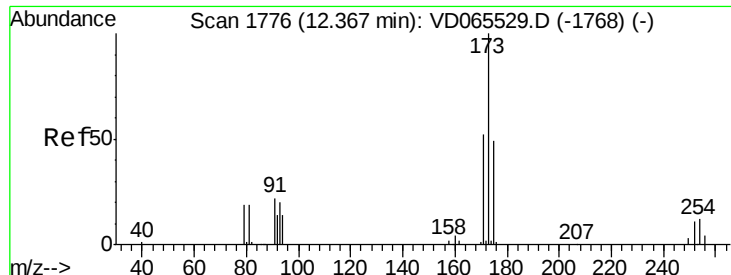
Tot Ion:106 Resp: 409470
Ion Ratio Lower Upper
106 100
91 205.6 102.8 308.4



#70
Styrene
Concen: 51.638 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion:104 Resp: 733324
Ion Ratio Lower Upper
104 100
78 45.8 36.6 55.0
103 54.7 43.8 65.6

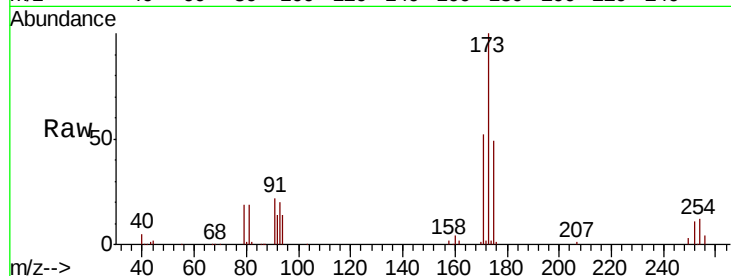




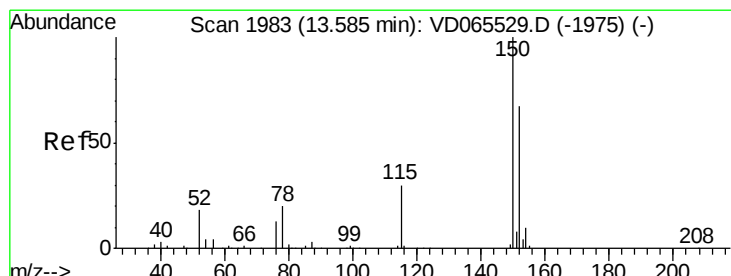
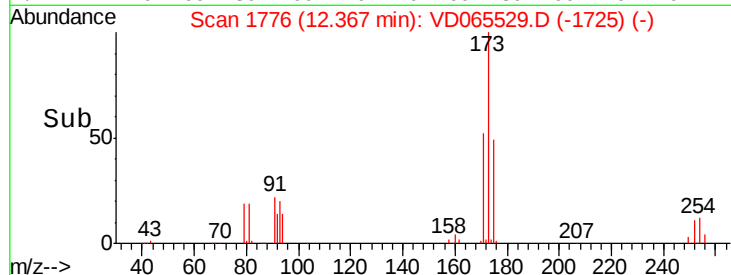
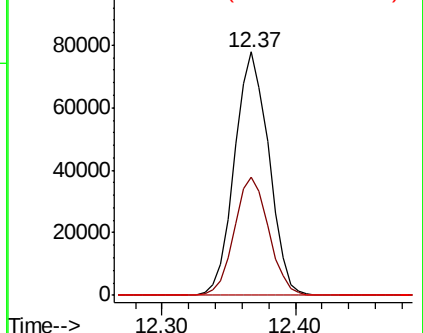
#71
Bromoform
Concen: 48.779 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:173 Resp: 138317
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.0 0.0 0.0

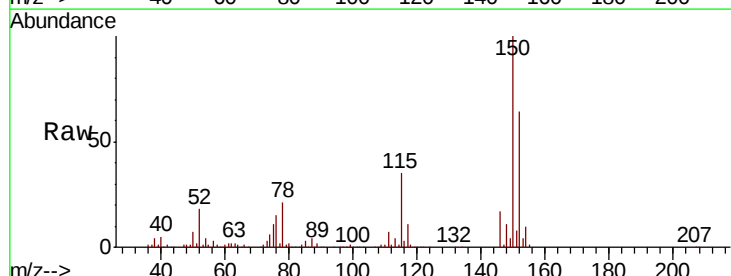


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

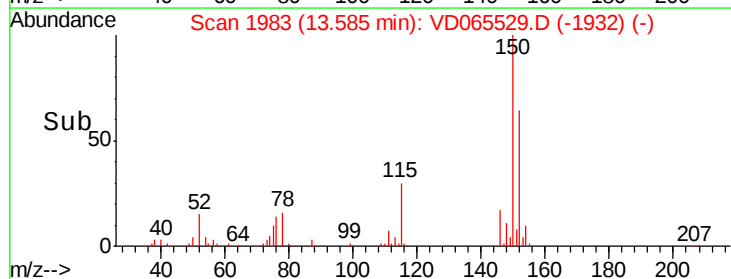
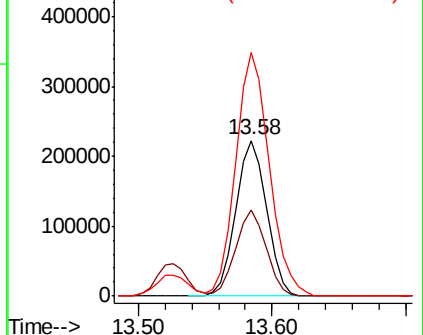


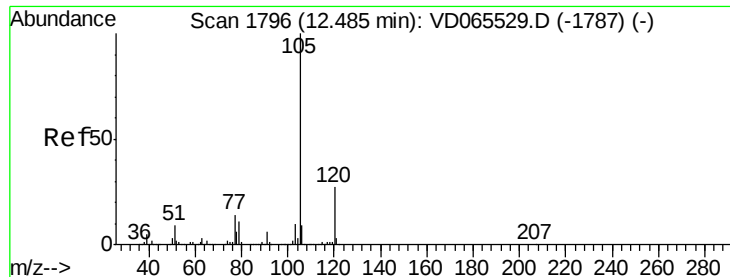
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion:152 Resp: 356728
Ion Ratio Lower Upper
152 100
115 54.4 27.2 81.6
150 170.1 0.0 340.2



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: 48.749 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

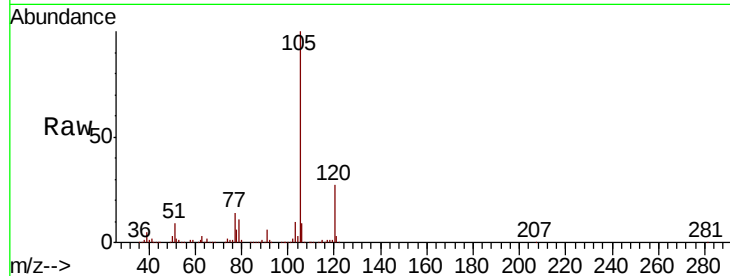
VSTDICCC050

Tot Ion:105 Resp: 1120544

Ion Ratio Lower Upper

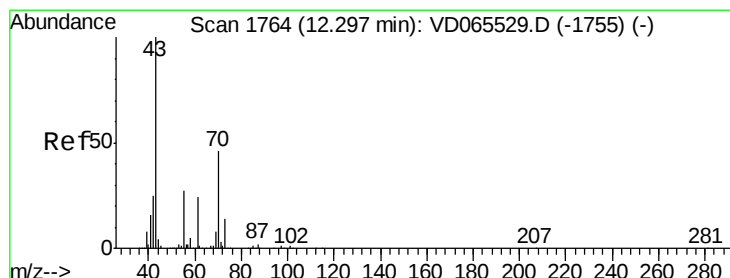
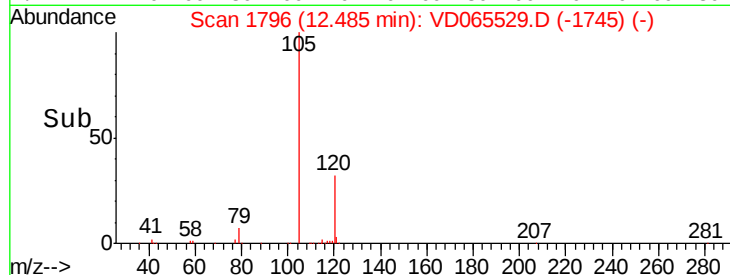
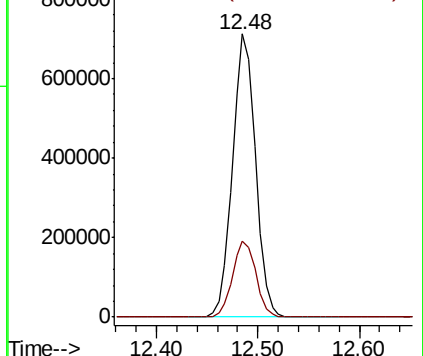
105 100

120 27.3 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.755 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Tgt Ion: 43 Resp: 220279

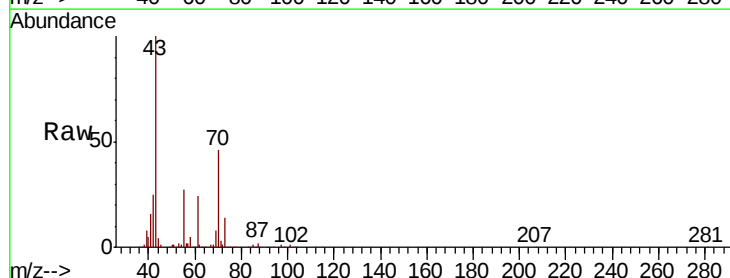
Ion Ratio Lower Upper

43 100

70 45.2 36.2 54.2

55 27.8 22.2 33.4

61 24.4 19.5 29.3

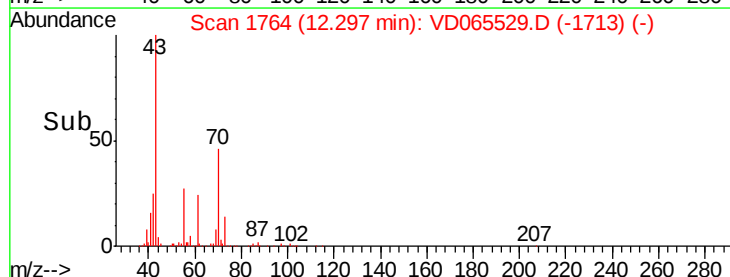
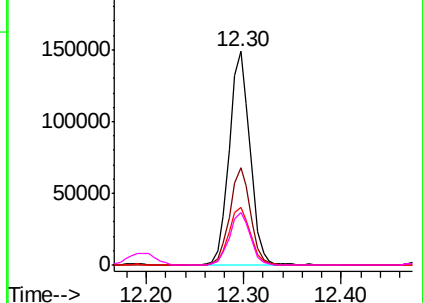


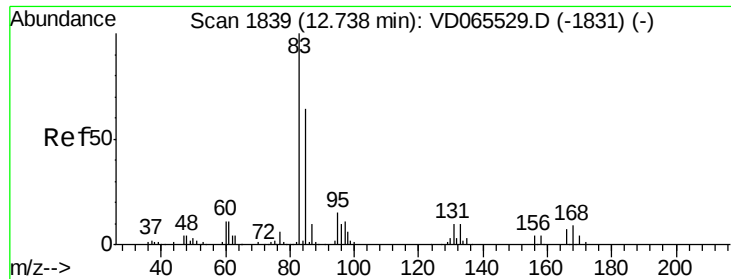
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 45.170 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

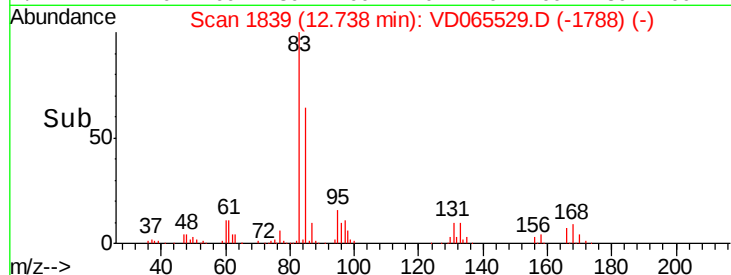
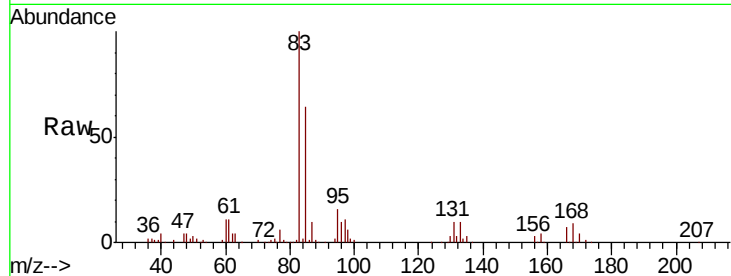
Tot Ion: 83 Resp: 183437

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

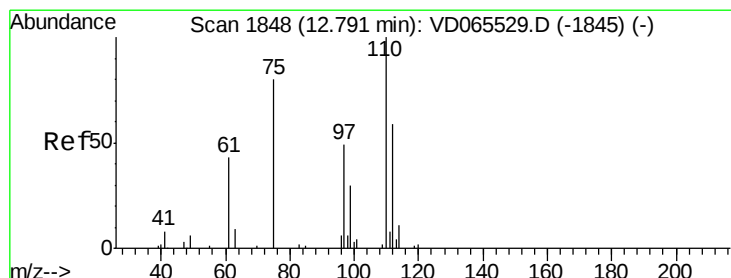
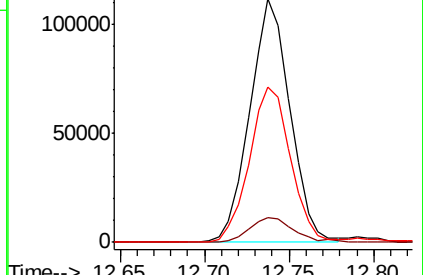
85 65.3 32.6 98.0



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: 83.031 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065529.D

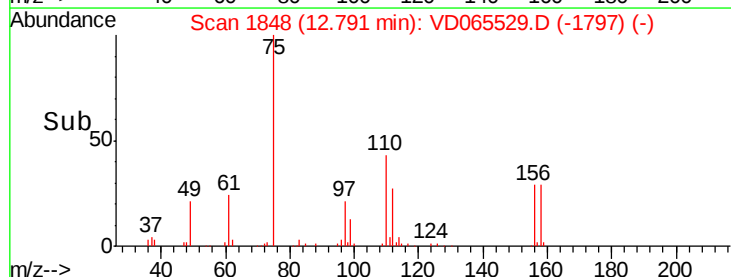
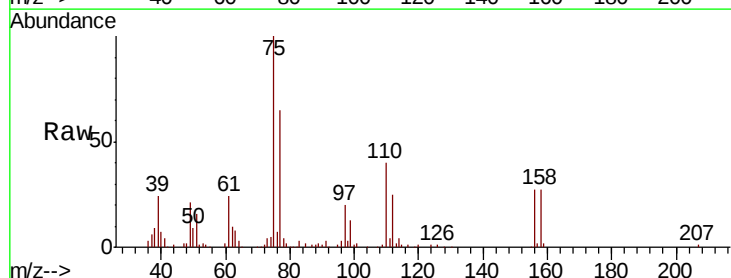
Acq: 26 Mar 2020 17:02

Tgt Ion: 75 Resp: 235503

Ion Ratio Lower Upper

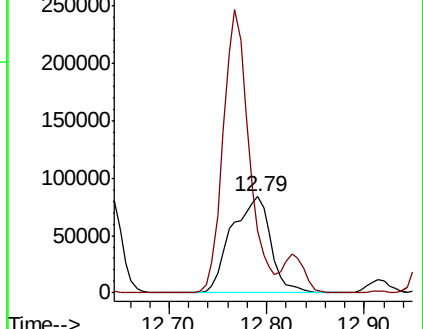
75 100

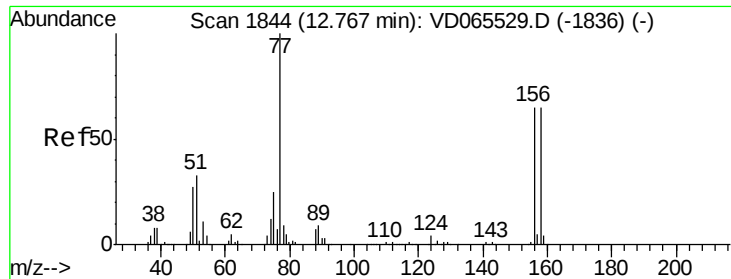
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 48.383 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

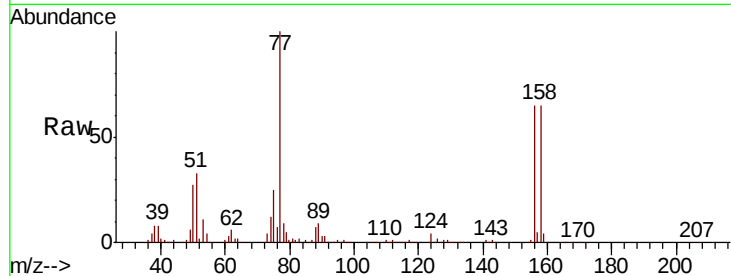
Tot Ion:156 Resp: 279136

Ion Ratio Lower Upper

156 100

77 163.5 81.8 245.3

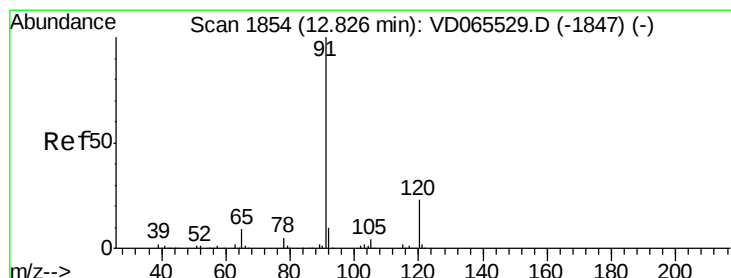
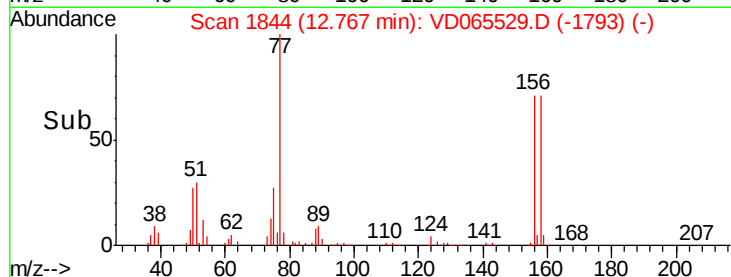
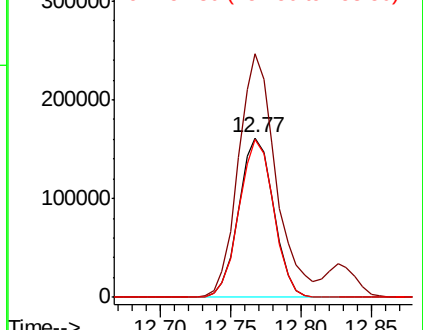
158 98.3 49.1 147.4



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: 49.281 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065529.D

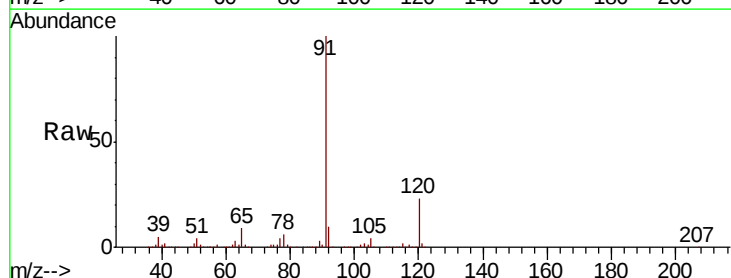
Acq: 26 Mar 2020 17:02

Tgt Ion: 91 Resp: 1348813

Ion Ratio Lower Upper

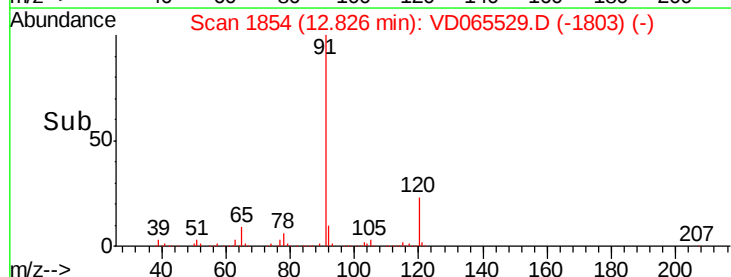
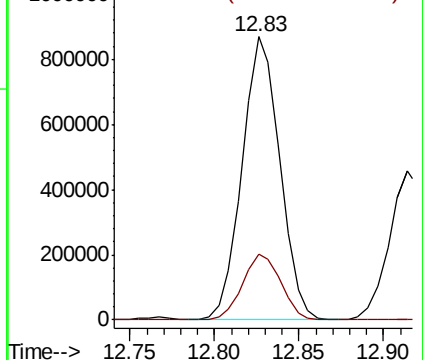
91 100

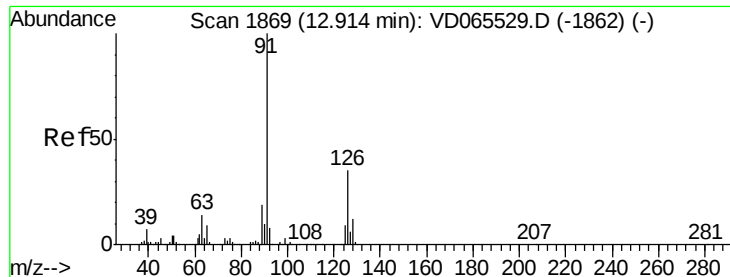
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

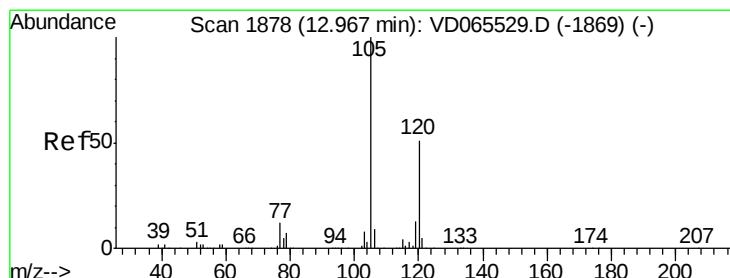
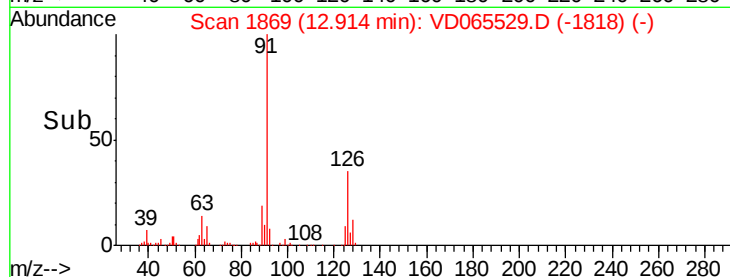
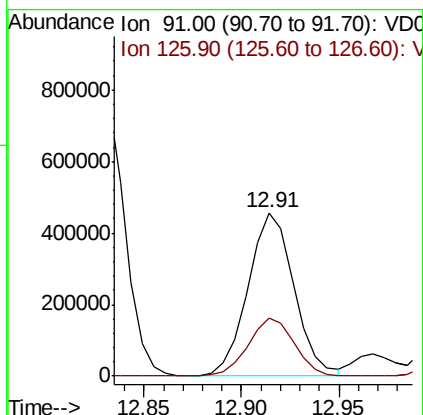
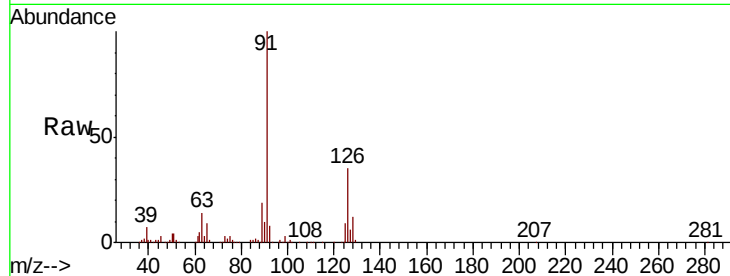




#79
 2-Chlorotoluene
 Concen: 48.264 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

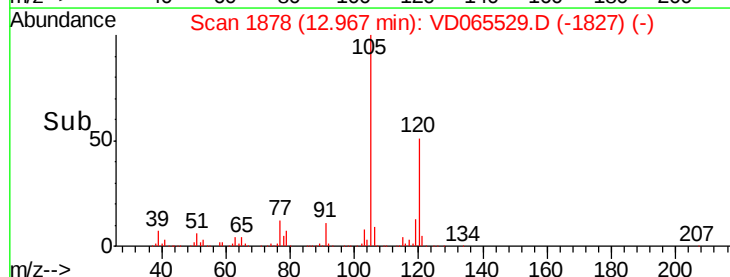
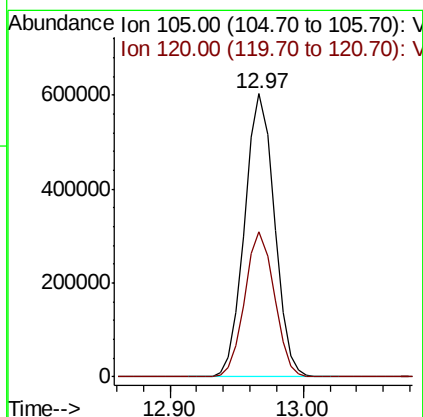
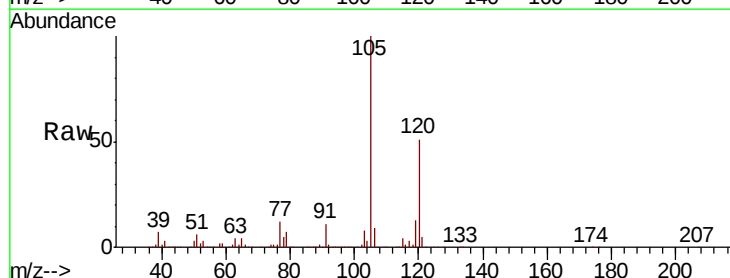
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

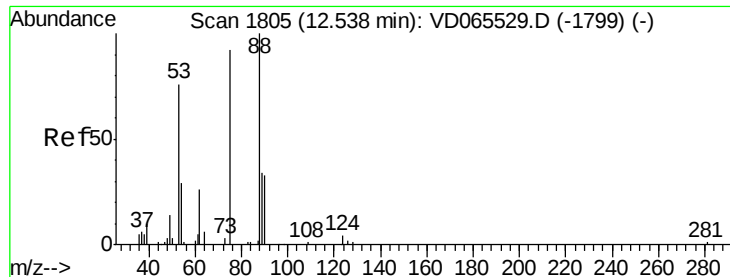
Tot Ion: 91 Resp: 746058
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.8 53.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.091 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion: 105 Resp: 928458
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 46.605 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065529.D

Acq: 26 Mar 2020 17:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

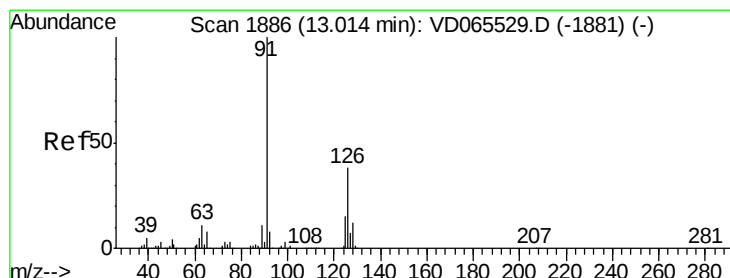
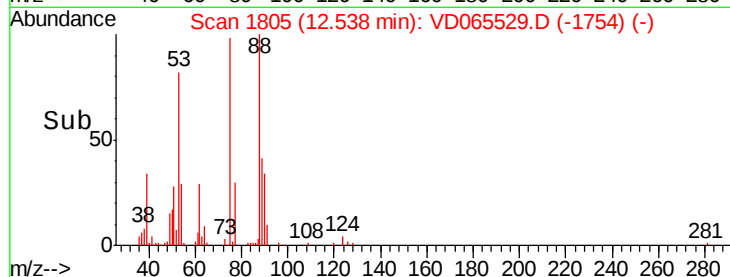
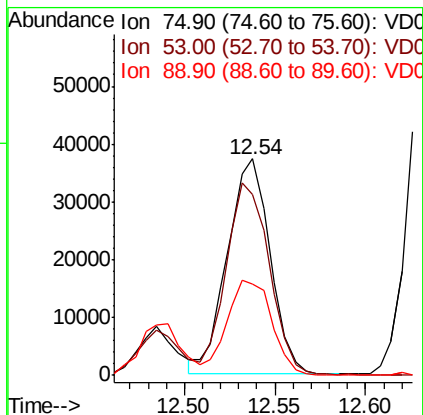
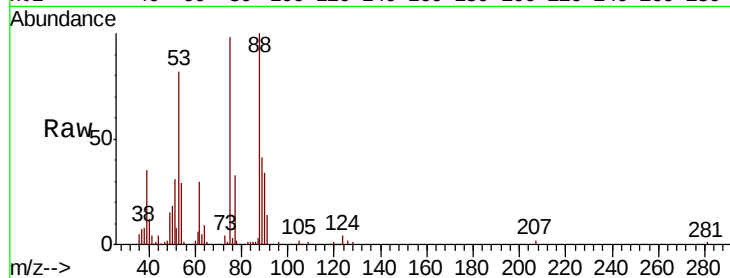
Tot Ion: 75 Resp: 61313

Ion Ratio Lower Upper

75 100

53 90.5 72.4 108.6

89 46.1 36.9 55.3



#82

4-Chlorotoluene

Concen: 48.124 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065529.D

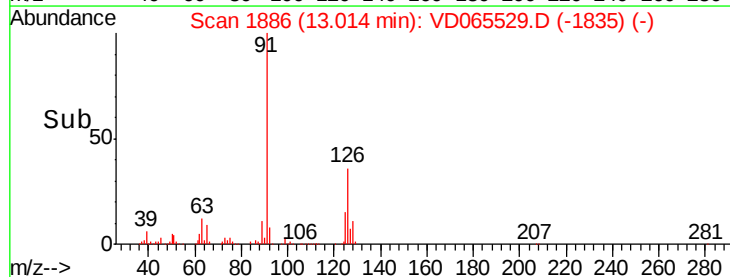
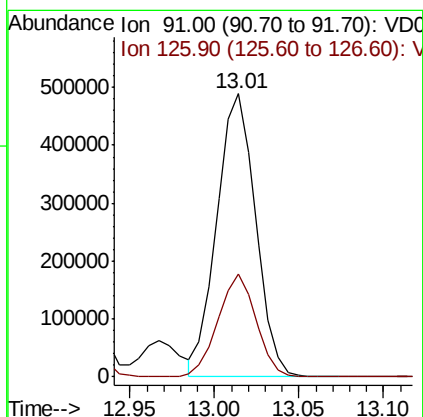
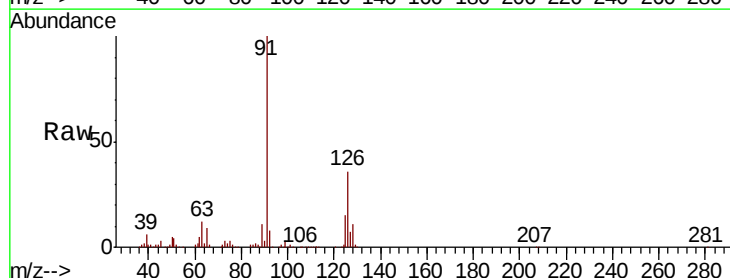
Acq: 26 Mar 2020 17:02

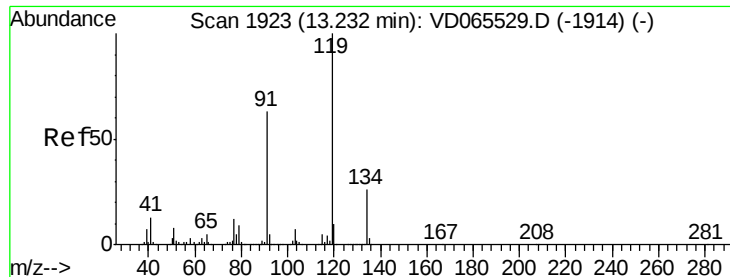
Tgt Ion: 91 Resp: 781031

Ion Ratio Lower Upper

91 100

126 35.8 17.9 53.7

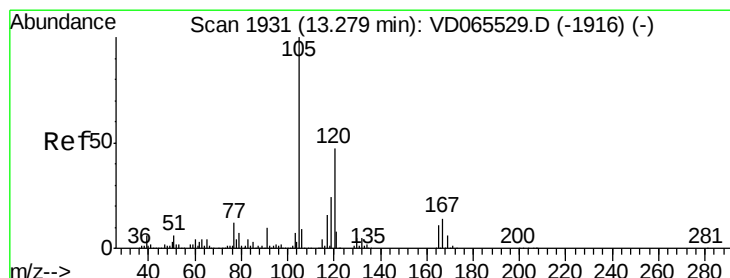
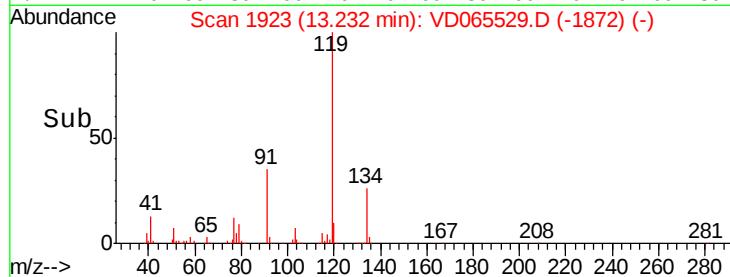
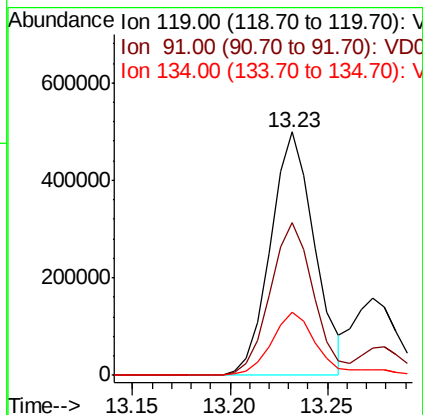
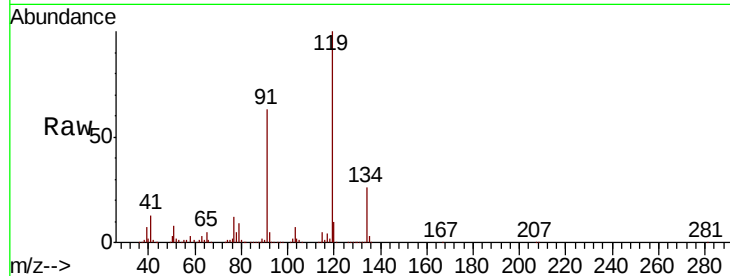




#83
 tert-Butylbenzene
 Concen: 48.642 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

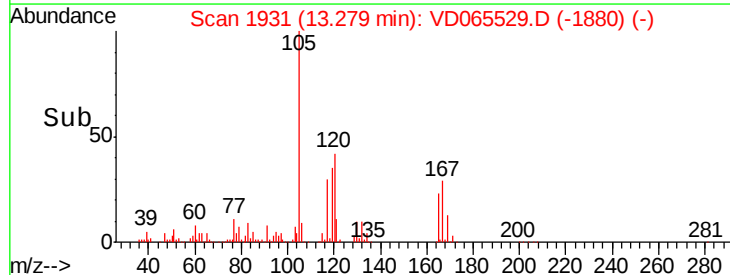
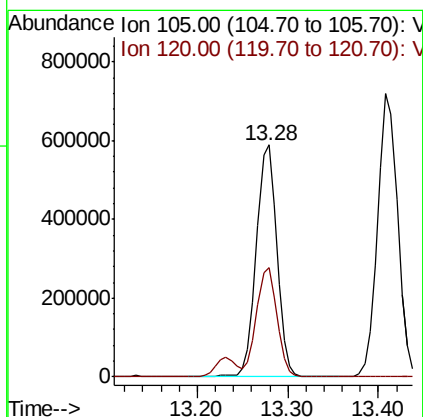
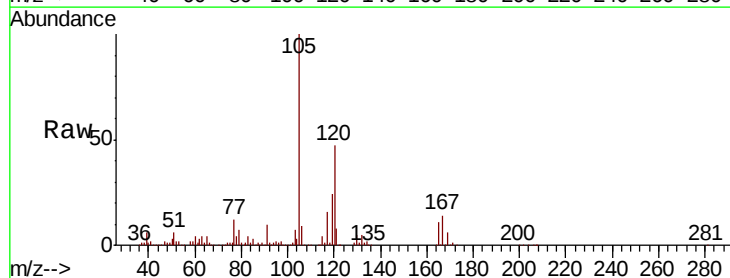
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

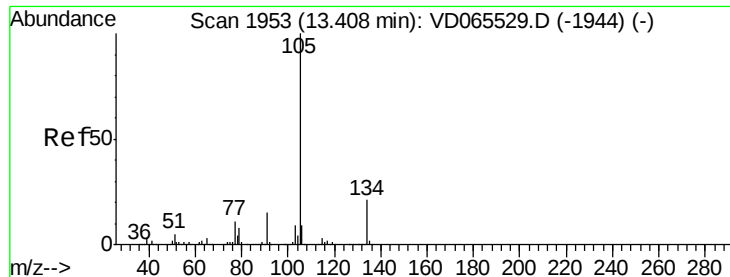
Tot Ion:119 Resp: 780033
 Ion Ratio Lower Upper
 119 100
 91 62.7 31.4 94.0
 134 27.7 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.915 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion:105 Resp: 932930
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.5 70.5

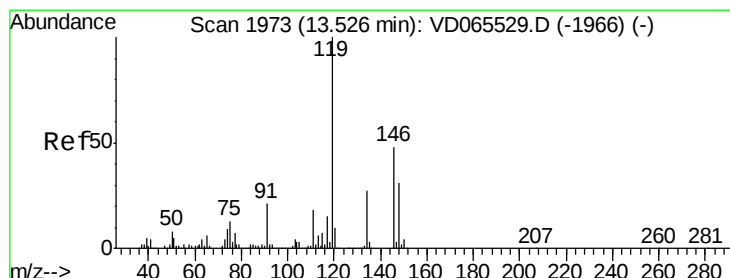
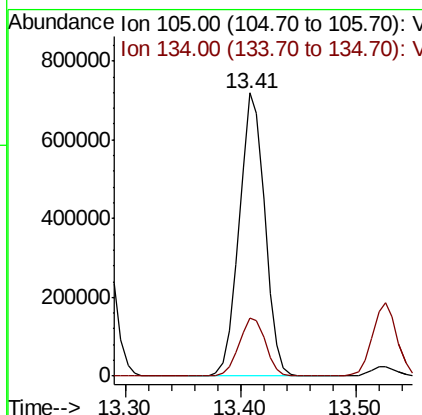
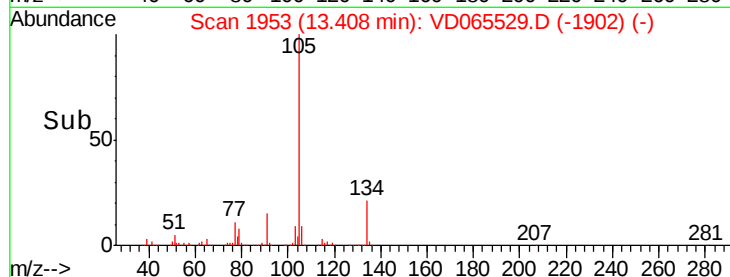
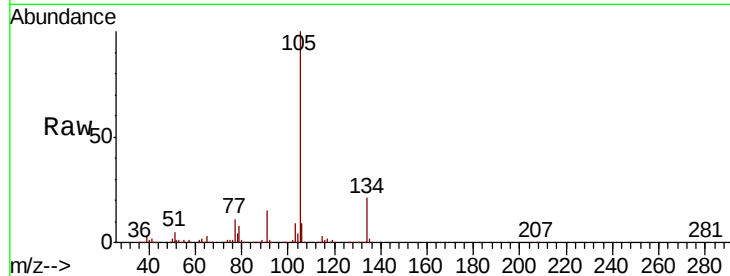




#85
 sec-Butylbenzene
 Concen: 48.426 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

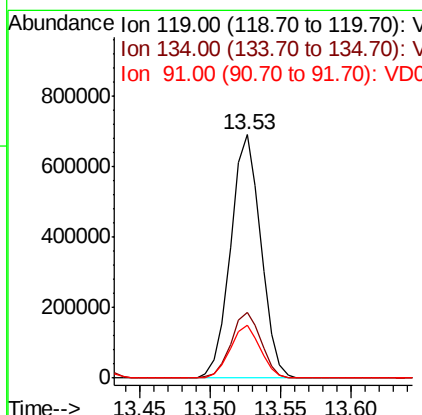
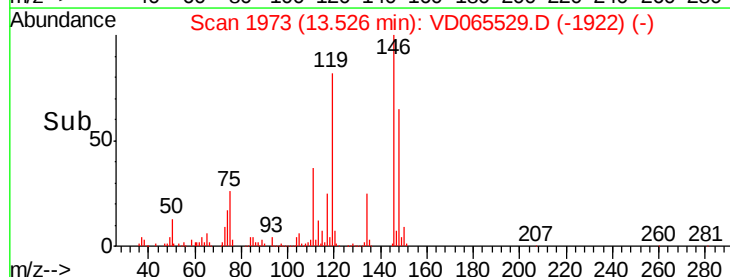
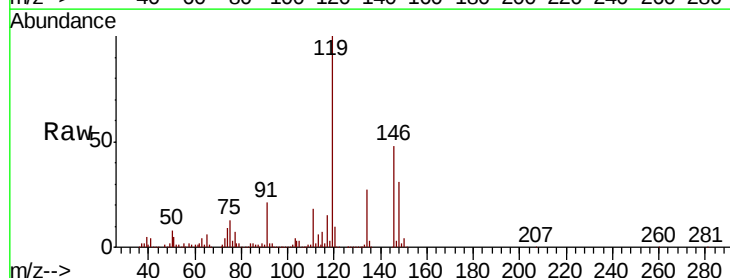
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

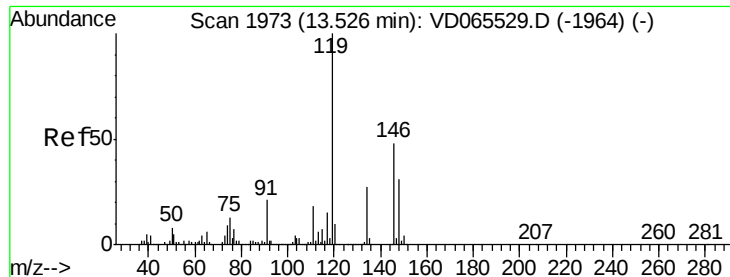
Tot Ion:105 Resp: 1104030
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 49.352 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion:119 Resp: 1027907
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 21.5 10.8 32.3

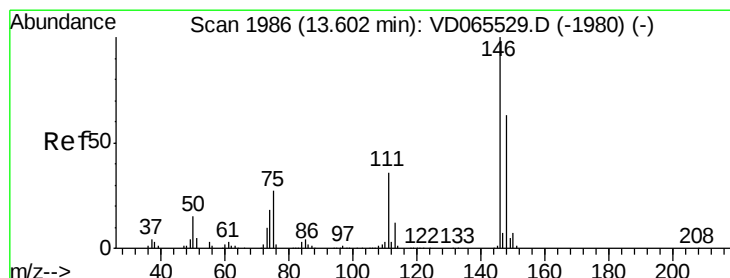
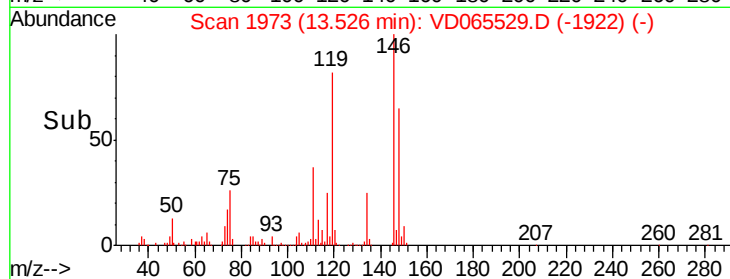
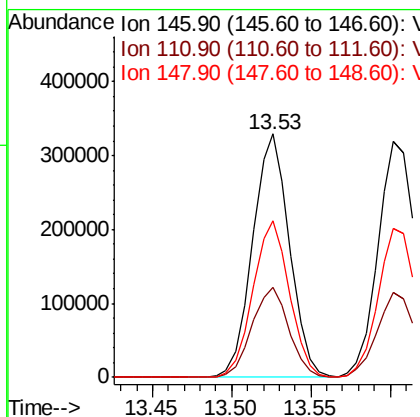
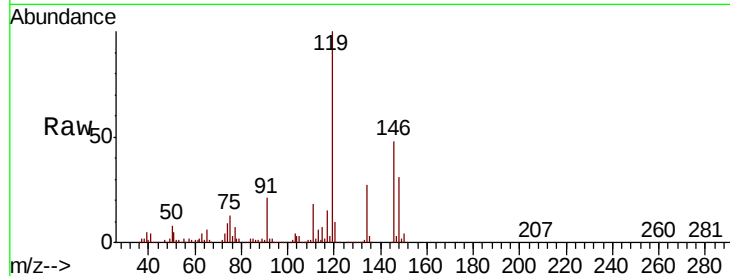




#87
 1,3-Dichlorobenzene
 Concen: 47.965 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

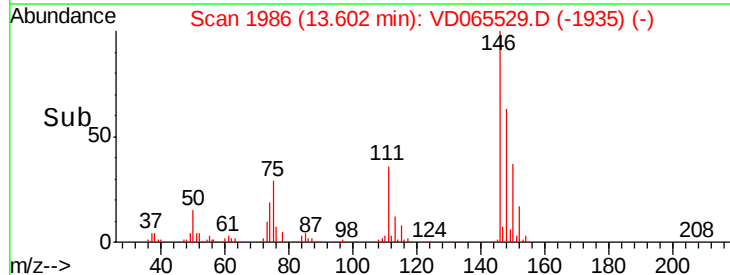
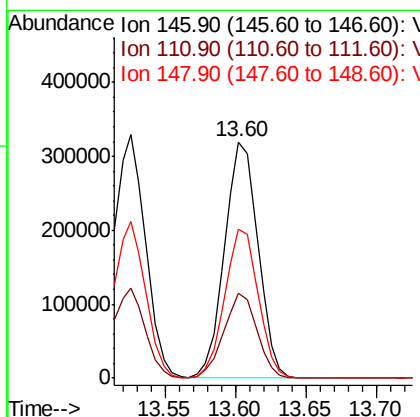
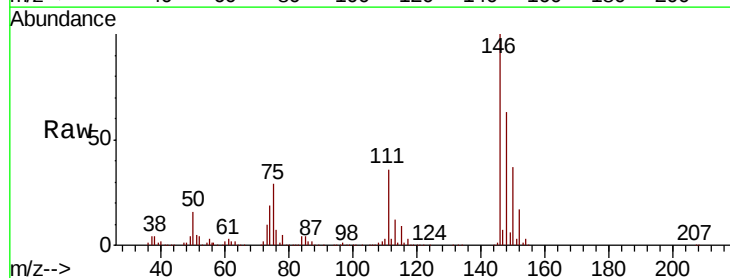
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

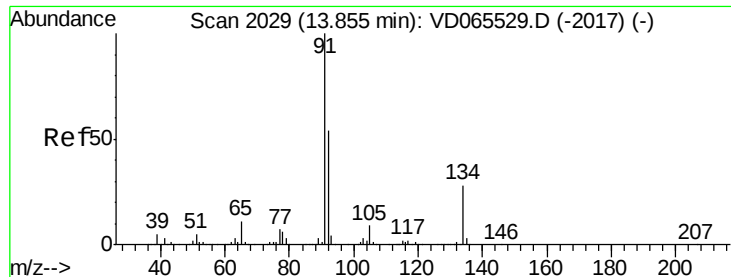
Tot Ion:146 Resp: 532220
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.5 55.5
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.685 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion:146 Resp: 526734
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.0 54.0
 148 63.2 31.6 94.8

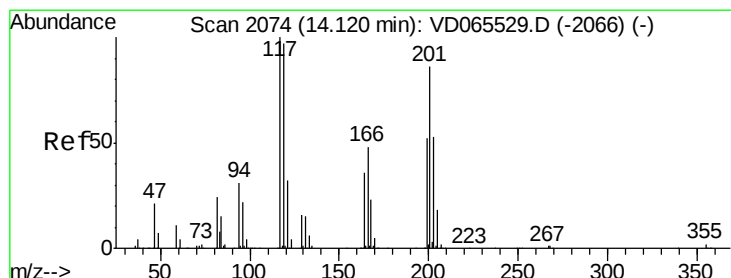
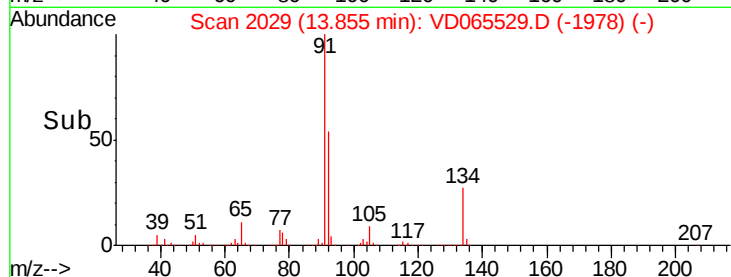
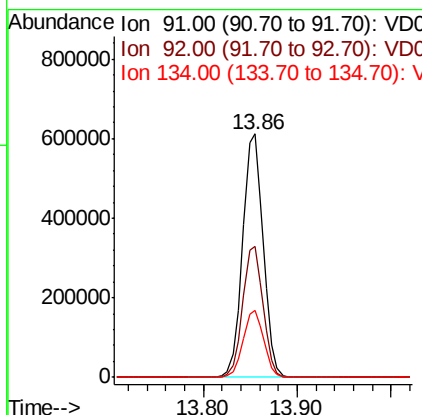
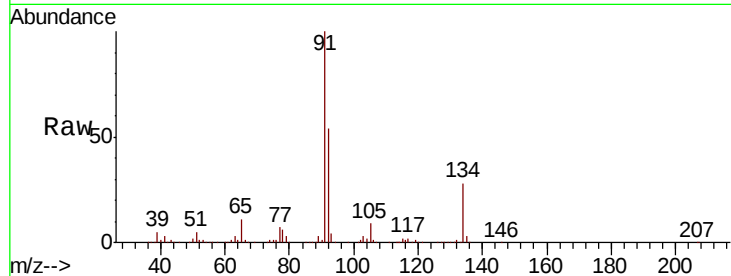




#89
n-Butylbenzene
Concen: 48.172 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

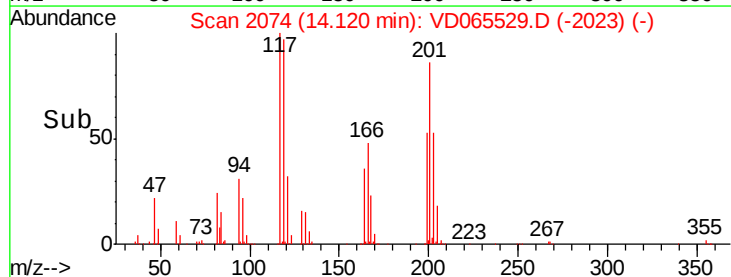
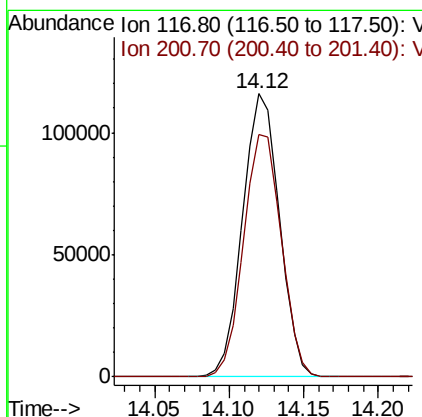
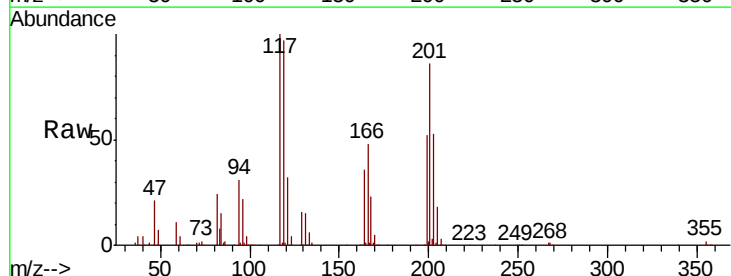
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MSVOA_D
ClientSampleId :
VSTDICCC050

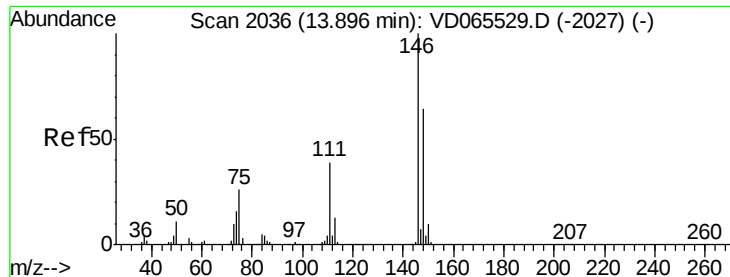
Tot Ion: 91 Resp: 923645
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.4
134 27.3 13.7 41.0



#90
Hexachloroethane
Concen: 46.198 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion: 117 Resp: 198317
Ion Ratio Lower Upper
117 100
201 87.7 43.9 131.6

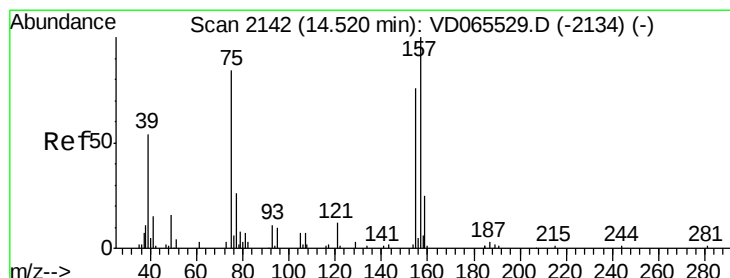
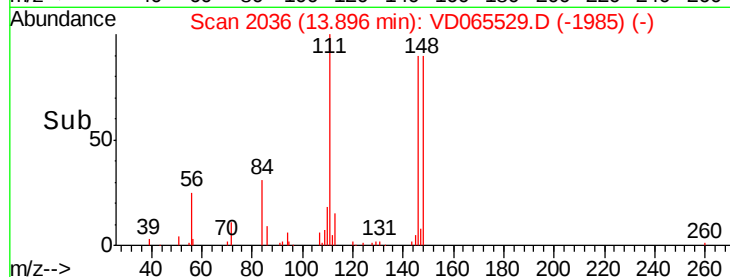
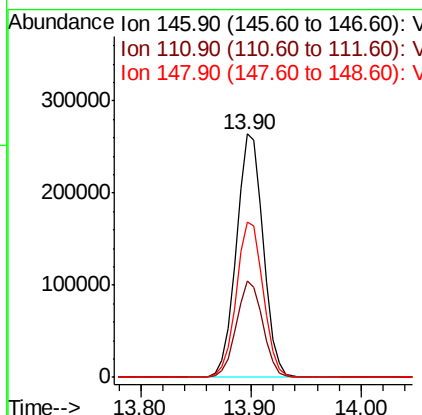
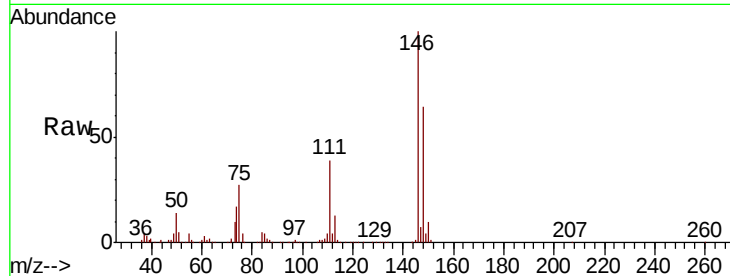




#91
 1,2-Dichlorobenzene
 Concen: 47.622 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

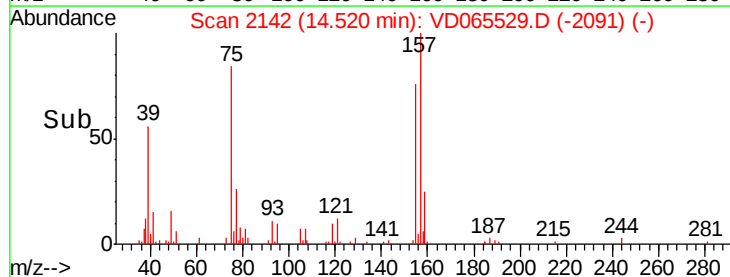
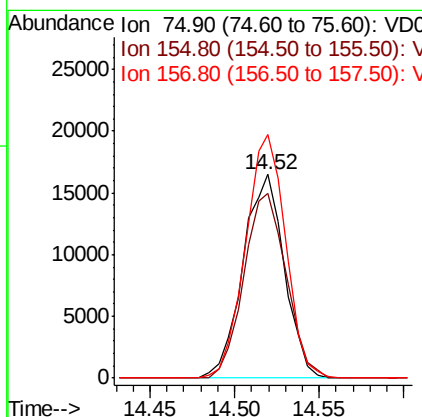
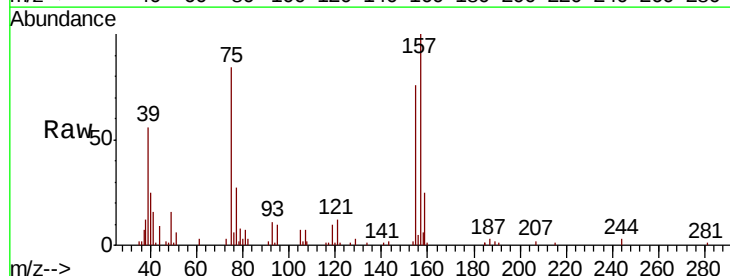
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

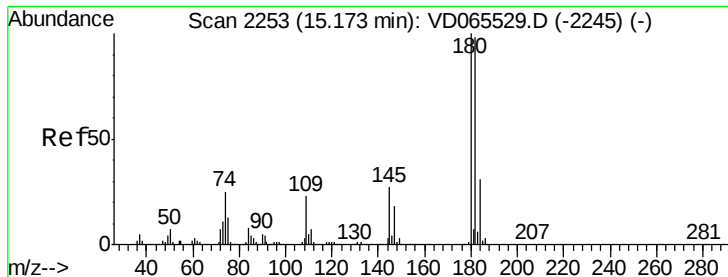
Tot Ion:146 Resp: 449724
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.4
 148 64.3 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.239 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion: 75 Resp: 28077
 Ion Ratio Lower Upper
 75 100
 155 92.4 46.2 138.6
 157 115.8 57.9 173.7

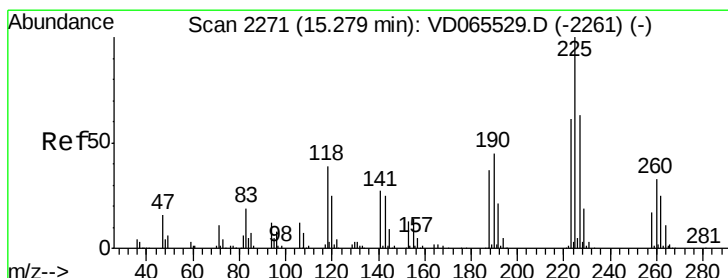
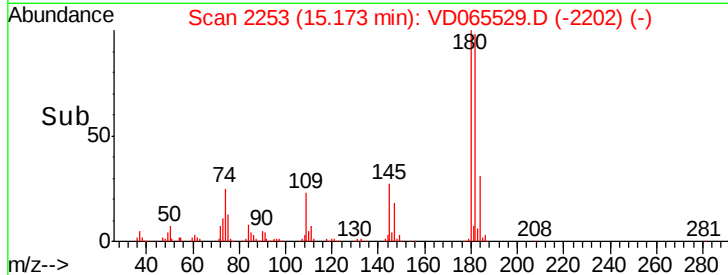
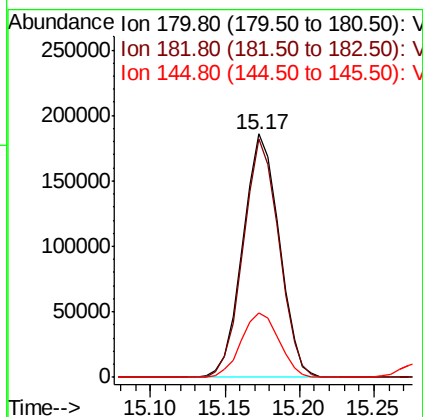
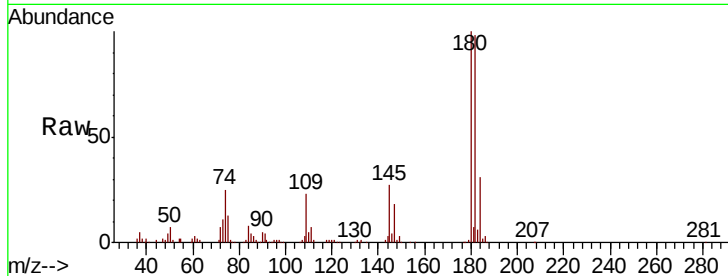




#93
 1,2,4-Trichlorobenzene
 Concen: 48.994 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

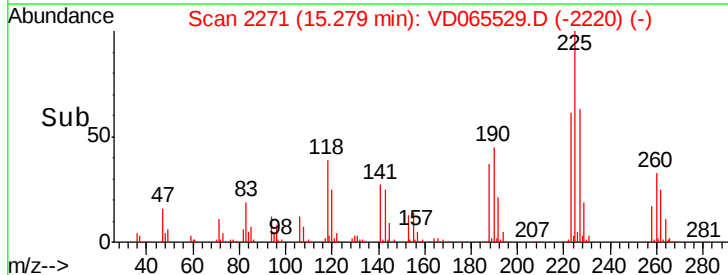
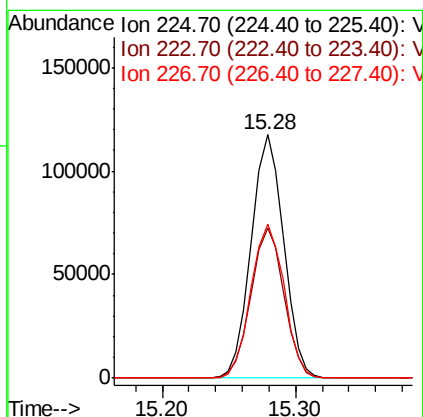
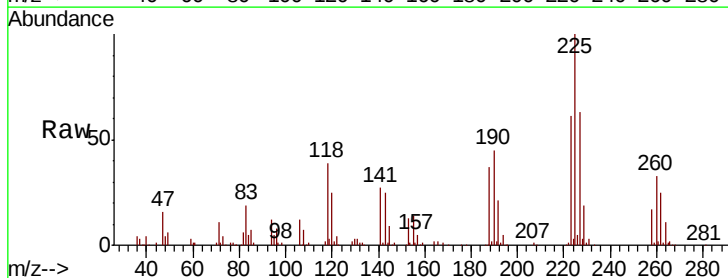
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

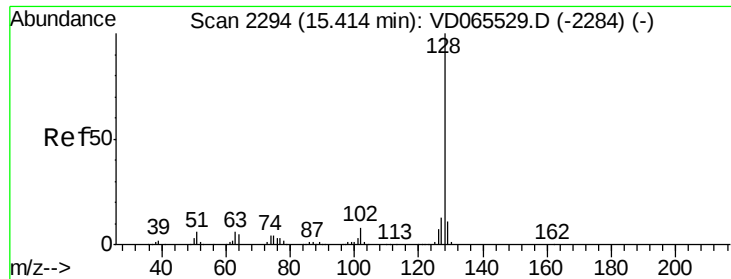
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.1	144.3
145	27.7	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 47.210 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065529.D
 Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.2	93.6
227	64.6	32.3	96.9

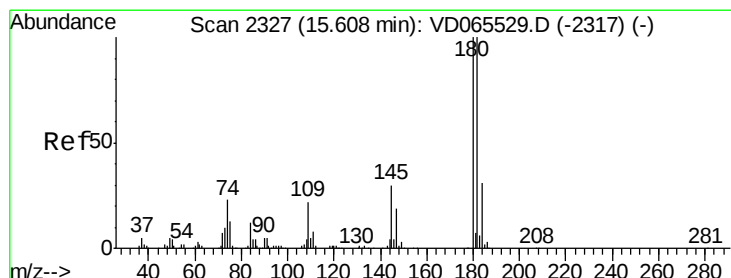
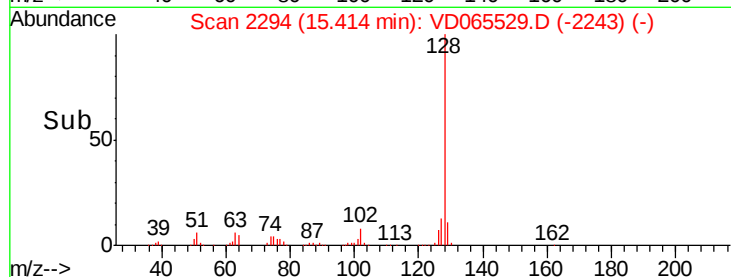
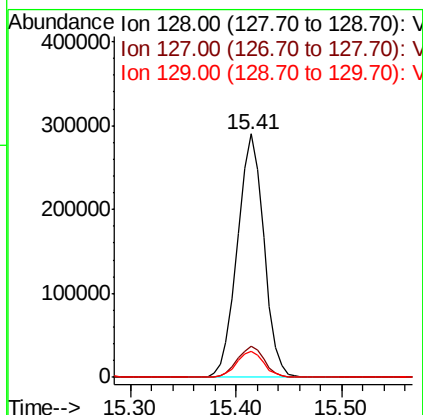
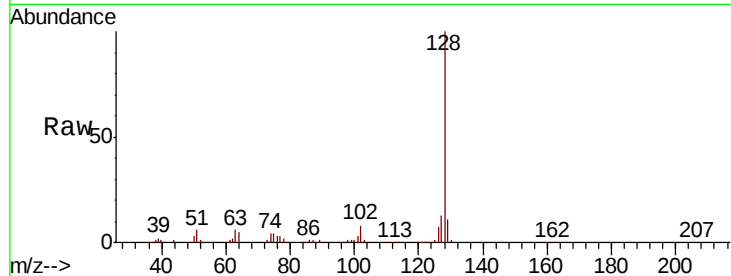




#95
Naphthalene
Concen: 49.204 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.333 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065529.D
Acq: 26 Mar 2020 17:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.1	144.3
145	30.0	15.0	45.0

