

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

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:44:27 PM

Quant Time: Jul 21 12:31:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:03:13 2020
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	837970	158.173	ug/l	97
40) Benzene	8.36	78	1855872	149.575	ug/l	97
41) Methacrylonitrile	7.53	41	159043m	123.974	ug/l	
42) 1,2-Dichloroethane	8.43	62	522457	153.206	ug/l	100
43) Isopropyl Acetate	8.46	43	543075	171.941	ug/l	97
44) Trichloroethene	9.11	130	569204	152.495	ug/l	97
45) 1,2-Dichloropropane	9.39	63	457832	153.869	ug/l	98
46) Dibromomethane	9.48	93	250885	154.058	ug/l	99
47) Bromodichloromethane	9.67	83	647948	151.825	ug/l	99
48) Methyl methacrylate	9.46	41	257522	156.539	ug/l	92
49) 1,4-Dioxane	9.47	88	60208	3344.623	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	1308979	811.634	ug/l	100
52) Toluene	10.41	92	1216565	152.266	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	639233	169.446	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	760270	162.826	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	345717	154.255	ug/l	95
56) Ethyl methacrylate	10.67	69	443283	175.992	ug/l	96
57) 1,3-Dichloropropane	10.95	76	591504	158.637	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	897739	730.242	ug/l	100
59) 2-Hexanone	10.99	43	919151	829.381	ug/l	96
60) Dibromochloromethane	11.14	129	473609	156.391	ug/l	100
61) 1,2-Dibromoethane	11.25	107	345243	159.261	ug/l	100
64) Tetrachloroethene	10.88	164	481441	151.678	ug/l	98
65) Chlorobenzene	11.67	112	1291799	150.823	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	483757	152.650	ug/l	100
67) Ethyl Benzene	11.75	91	2286821	155.670	ug/l	99
68) m/p-Xylenes	11.86	106	1757736	309.405	ug/l	99
69) o-Xylene	12.18	106	810504	160.262	ug/l	98
70) Styrene	12.20	104	1399862	159.908	ug/l	100
71) Bromoform	12.37	173	293022	164.525	ug/l #	100
73) Isopropylbenzene	12.48	105	2216802	159.877	ug/l	100
74) N-amyl acetate	12.29	43	498514	178.752	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	363856	158.657	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	277569m	134.903	ug/l	
77) Bromobenzene	12.77	156	560724	156.657	ug/l	98
78) n-propylbenzene	12.83	91	2548628	156.869	ug/l	99
79) 2-Chlorotoluene	12.91	91	1455161	156.901	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	1821707	157.726	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	129430	176.507	ug/l	98
82) 4-Chlorotoluene	13.01	91	1516658	153.944	ug/l	100
83) tert-Butylbenzene	13.23	119	1621586	161.667	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	1783294	157.421	ug/l	100
85) sec-Butylbenzene	13.41	105	2198969	158.560	ug/l	99
86) p-Isopropyltoluene	13.52	119	1983947	158.873	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	1003139	148.457	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	1018981	150.462	ug/l	98
89) n-Butylbenzene	13.85	91	1866263	161.575	ug/l	100
90) Hexachloroethane	14.12	117	404325	157.728	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	903149	156.103	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	60955	166.846	ug/l	98

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

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

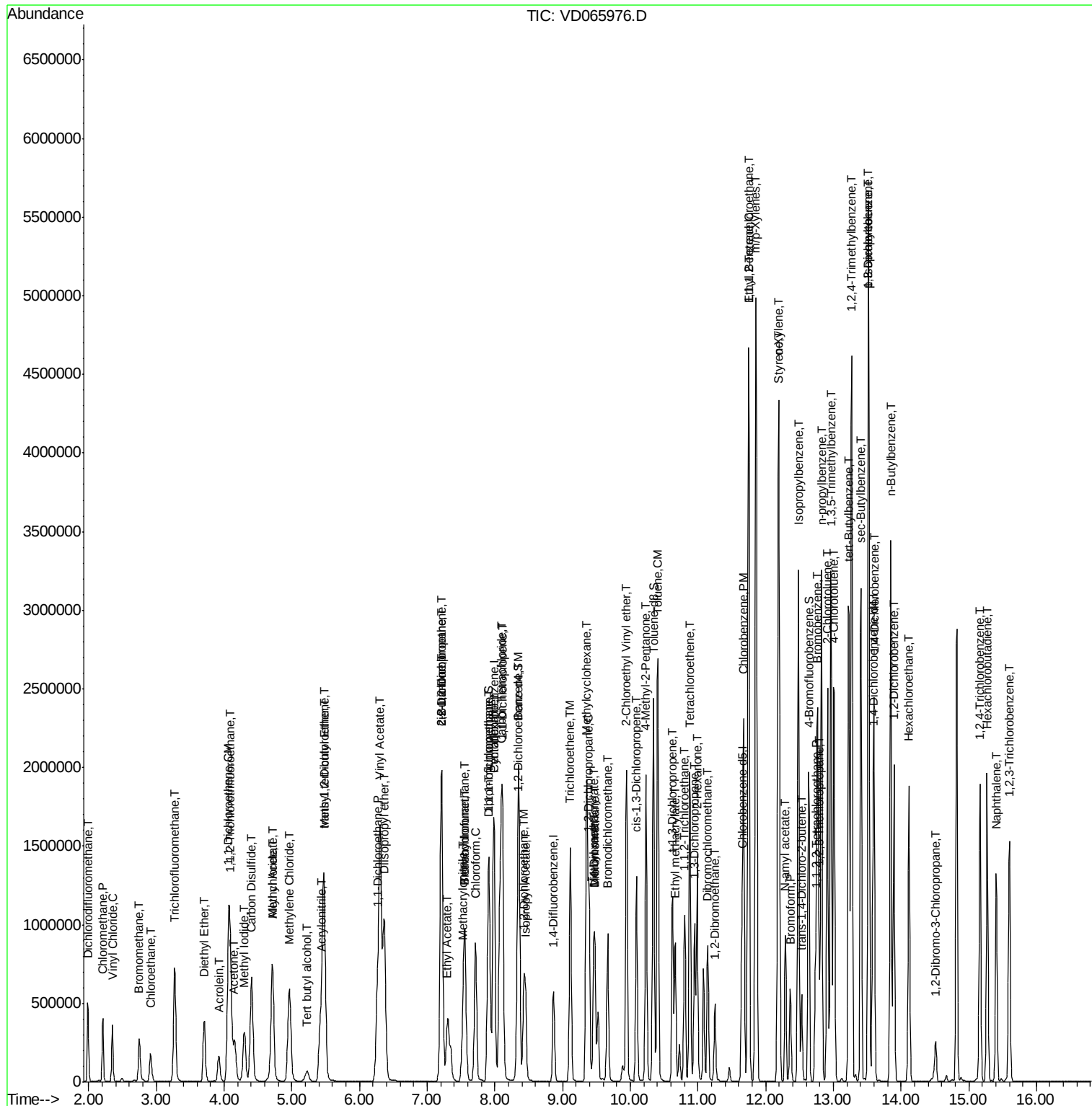
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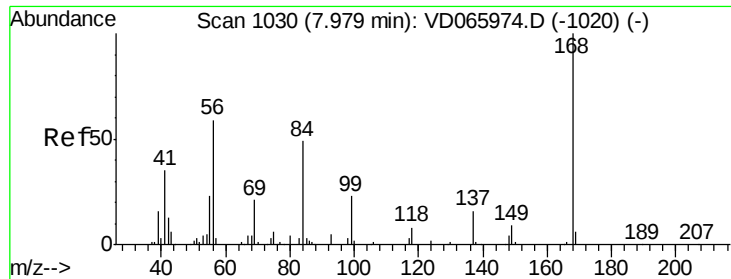
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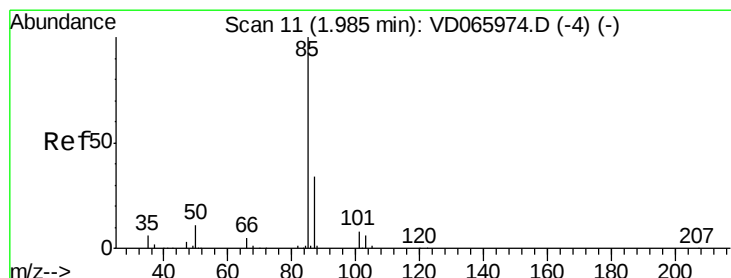
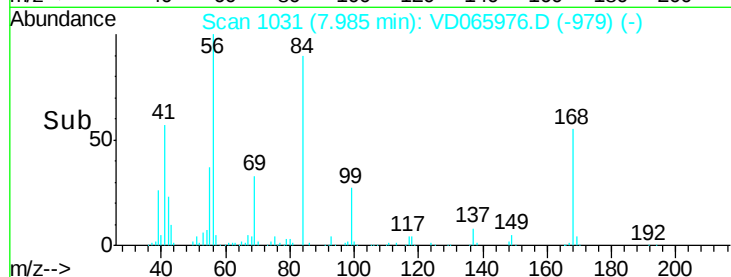
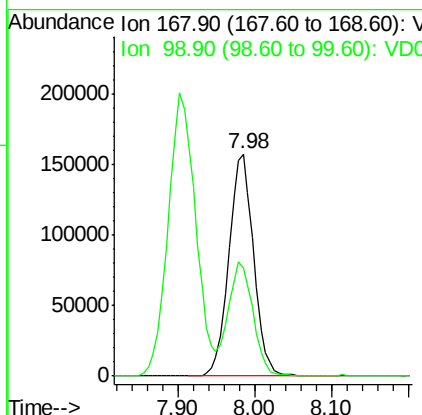
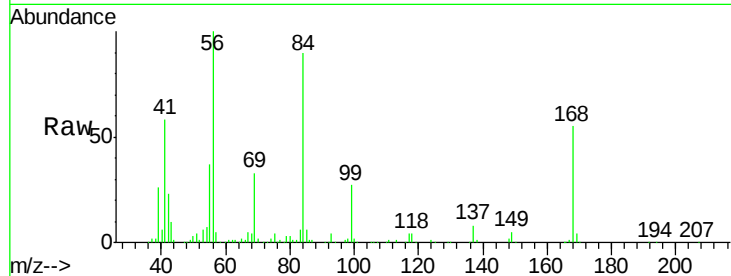
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:168 Resp: 353803
Ion Ratio Lower Upper
168 100
99 48.3 40.8 61.2

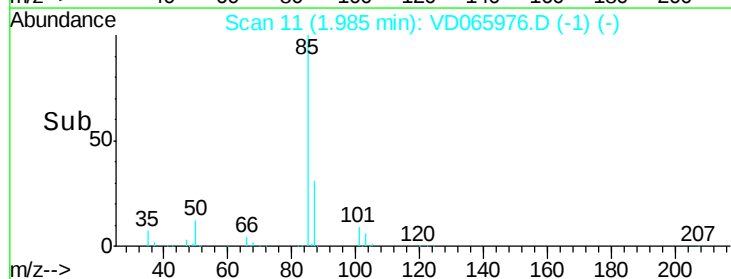
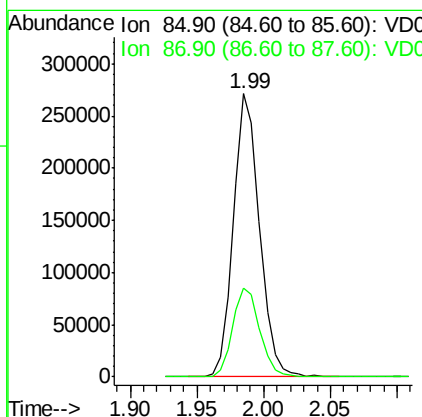
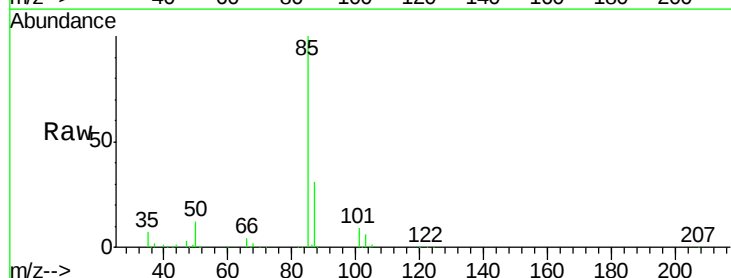
Manual Integrations
APPROVED

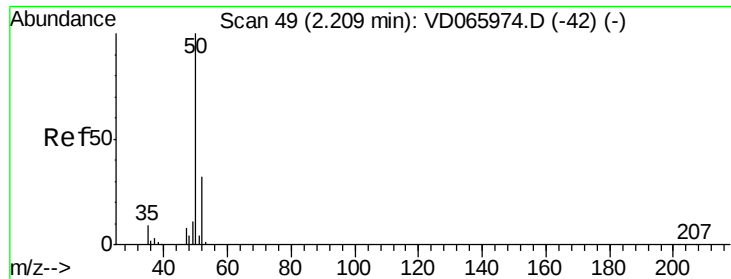
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#2
Dichlorodifluoromethane
Concen: 130.254 ug/l
RT: 1.99 min Scan# 11
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion: 85 Resp: 370750
Ion Ratio Lower Upper
85 100
87 31.5 17.3 51.7





#3

Chloromethane

Concen: 145.311 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 326635

Ion Ratio Lower Upper

50 100

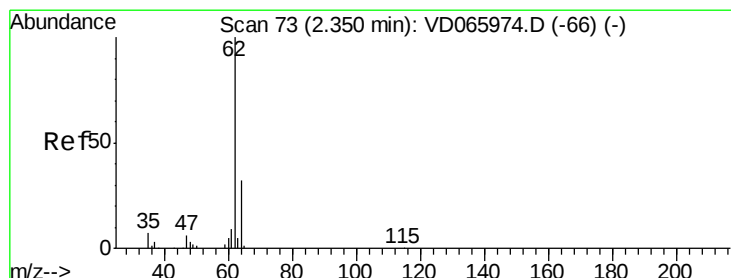
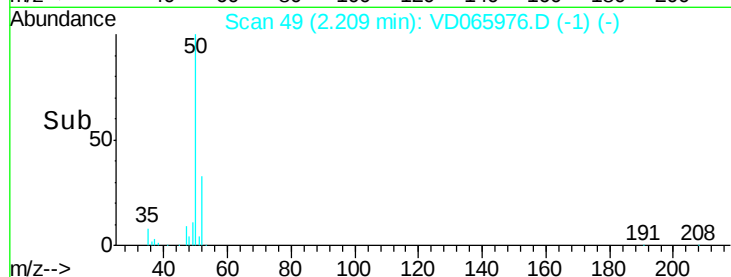
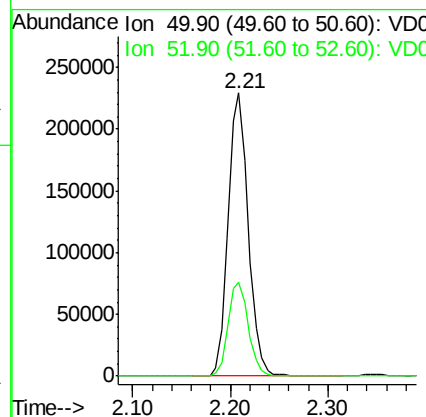
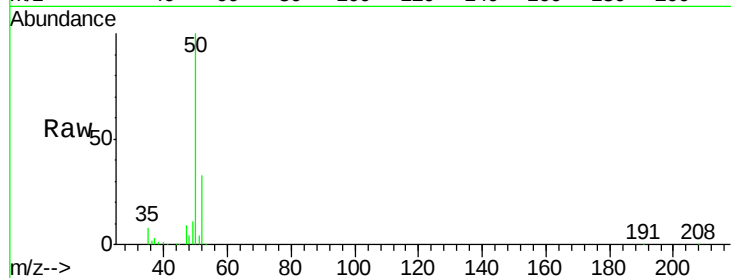
52 33.1 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 142.065 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065976.D

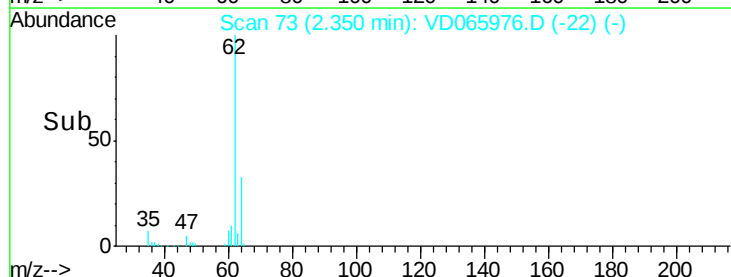
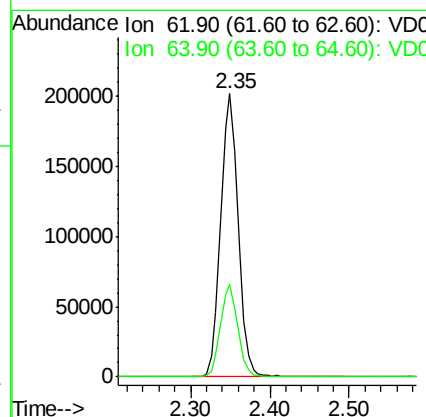
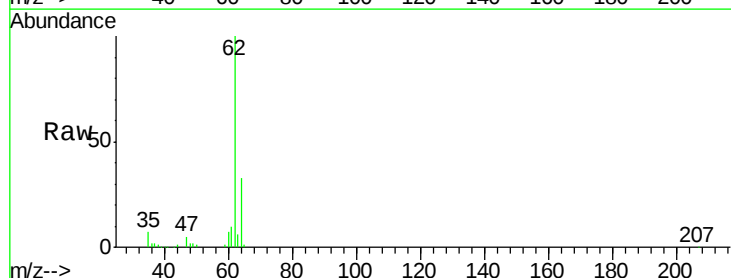
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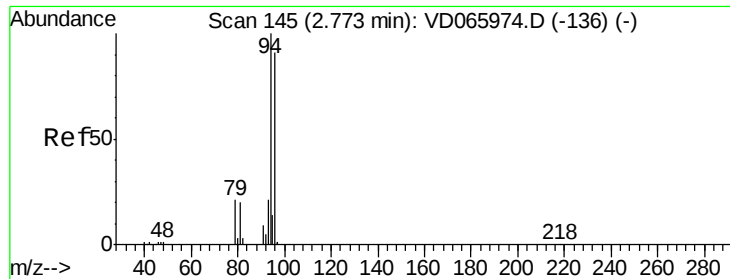
Tgt Ion: 62 Resp: 308331

Ion Ratio Lower Upper

62 100

64 32.8 25.8 38.8





#5

Bromomethane

Concen: 110.671 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.03 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 205349

Ion Ratio Lower Upper

94 100

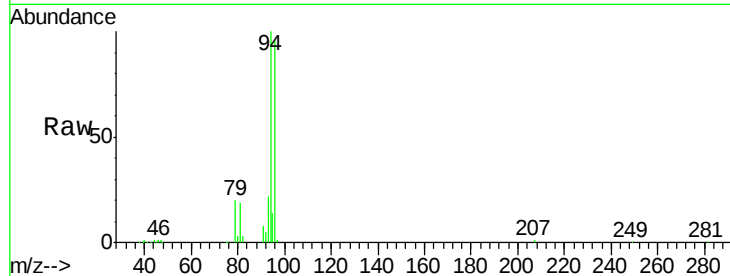
96 95.9 73.0 109.4

Manual Integrations

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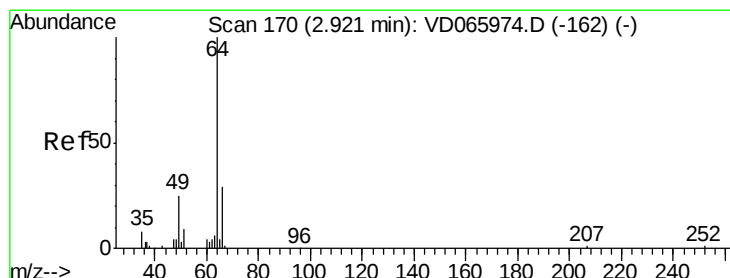
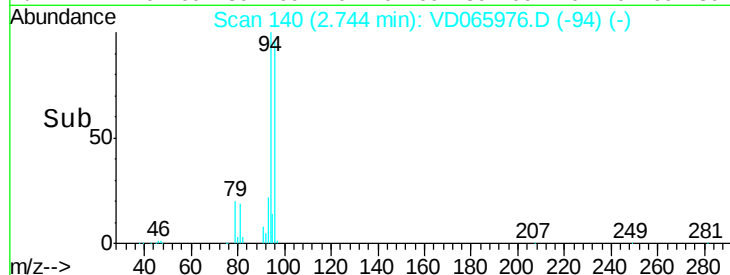
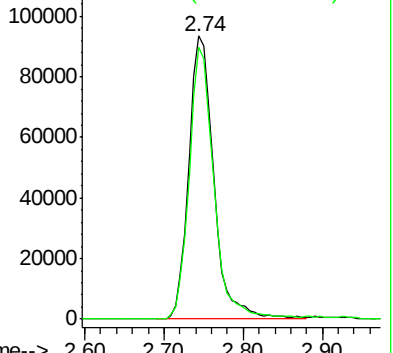
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 142.688 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065976.D

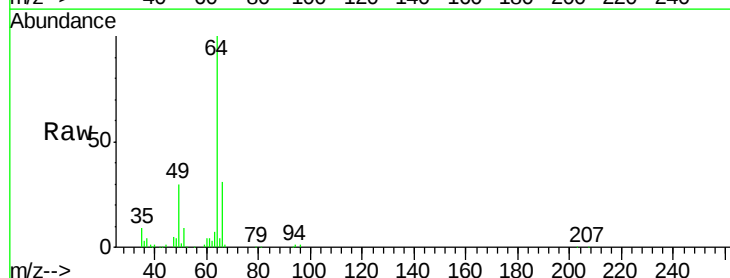
Acq: 21 Jul 2020 12:10

Tgt Ion: 64 Resp: 186624

Ion Ratio Lower Upper

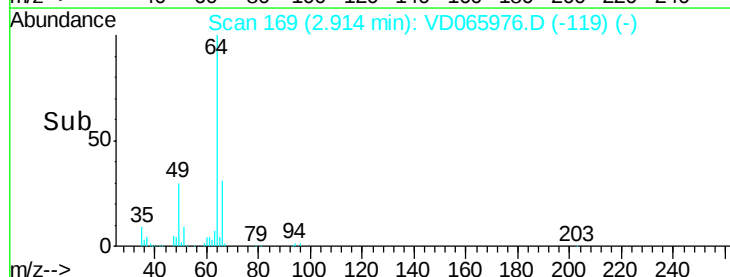
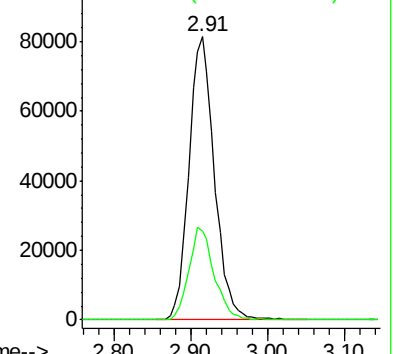
64 100

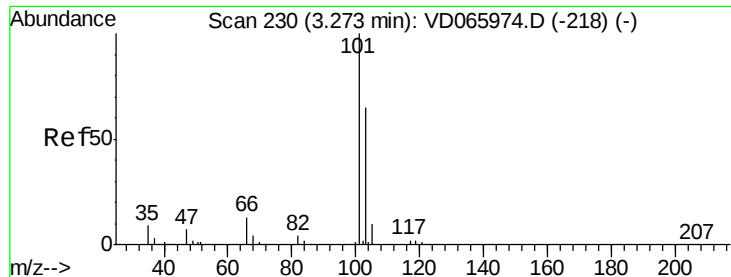
66 31.3 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

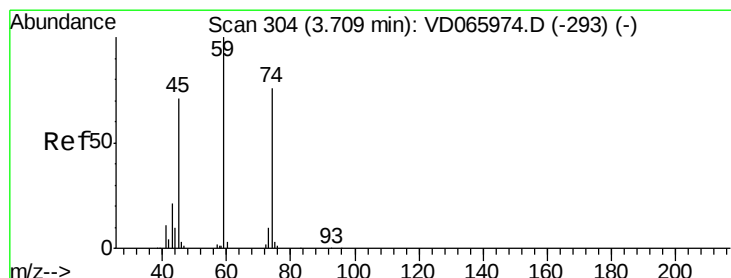
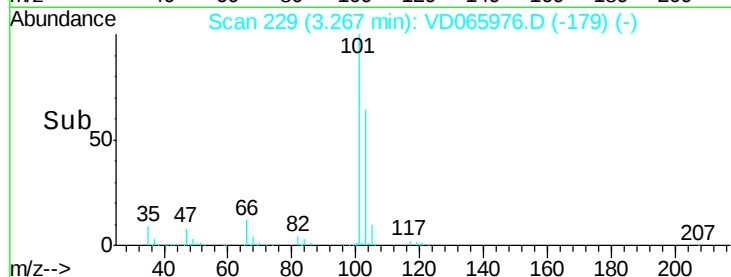
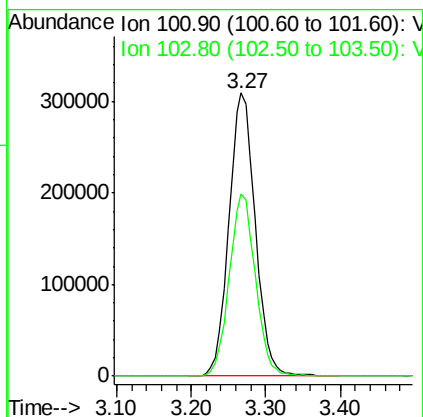
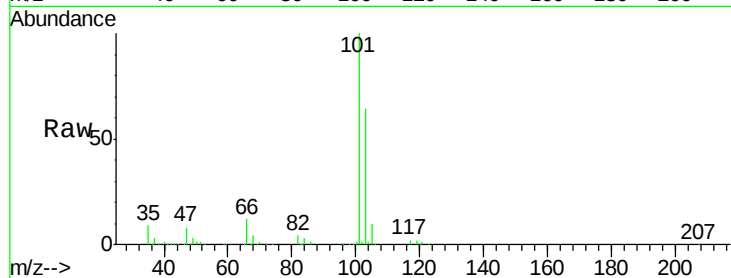
Trichlorofluoromethane
 Concen: 145.091 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.1	78.1

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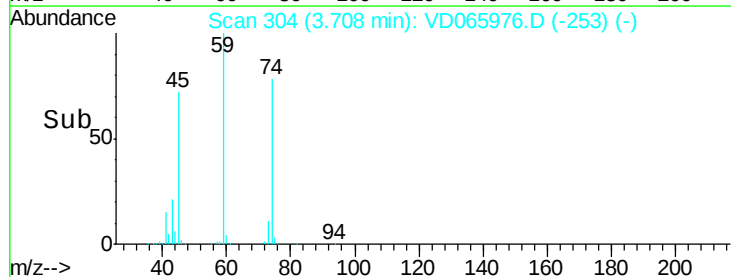
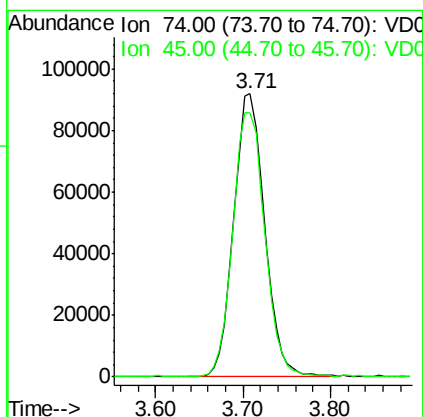
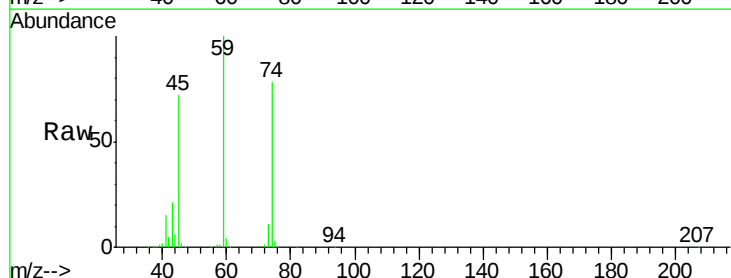
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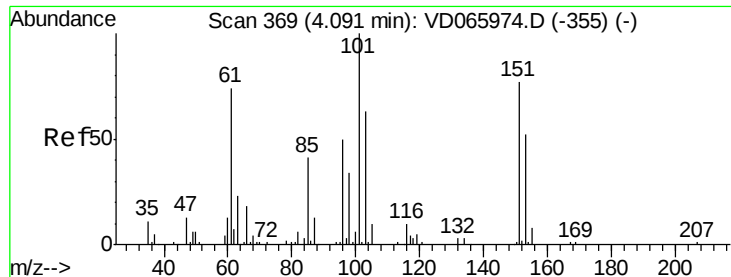


#8

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

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	49.9	149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 147.768 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

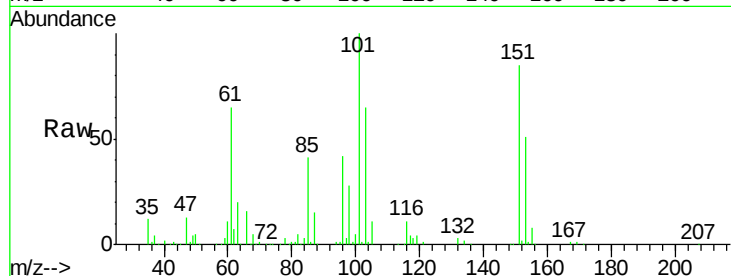
ClientSampleId :

VSTDIC150

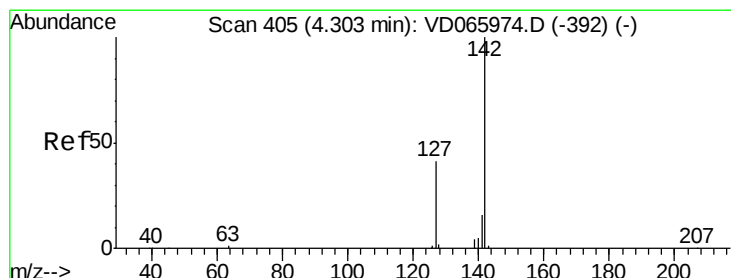
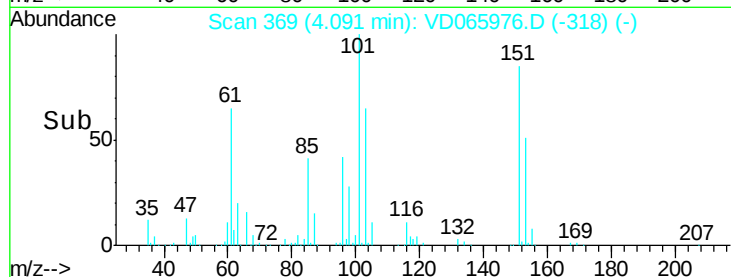
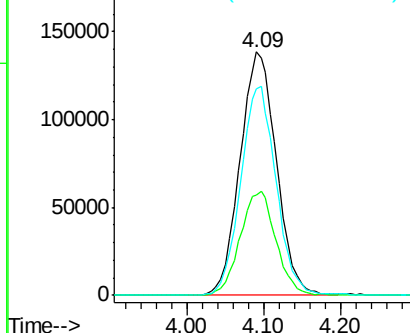
Tot Ion:	101	Resp:	457631
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.6	50.4
151	83.9	66.6	99.8

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 326.458 ug/l

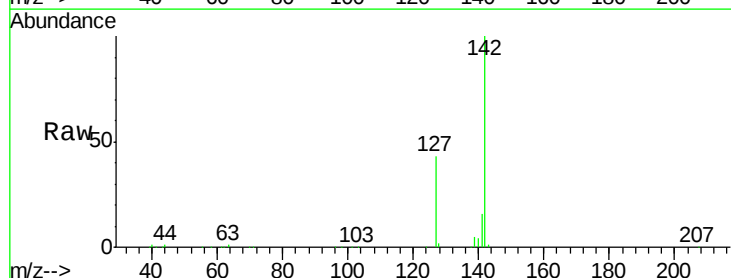
RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

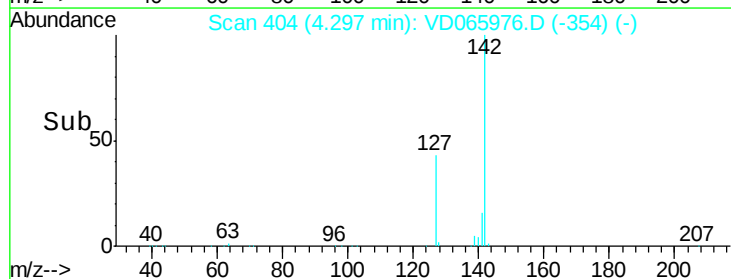
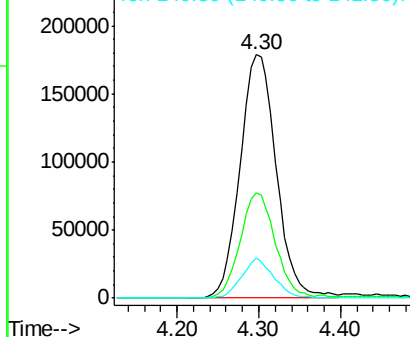
Lab File: VD065976.D

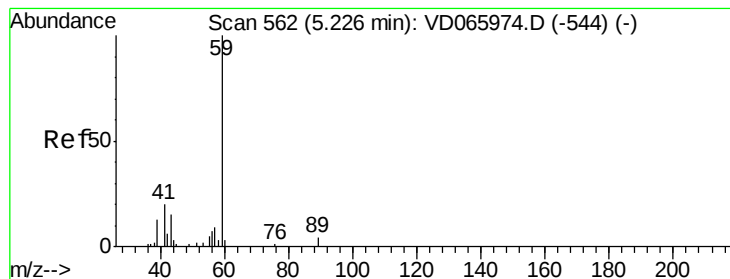
Acq: 21 Jul 2020 12:10

Tgt Ion:	142	Resp:	552307
Ion Ratio	Lower	Upper	
142	100		
127	41.8	32.9	49.3
141	14.6	11.8	17.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

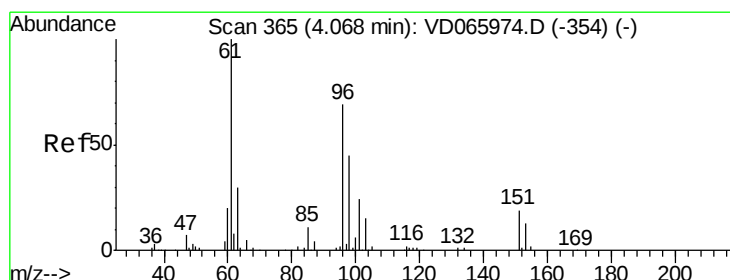
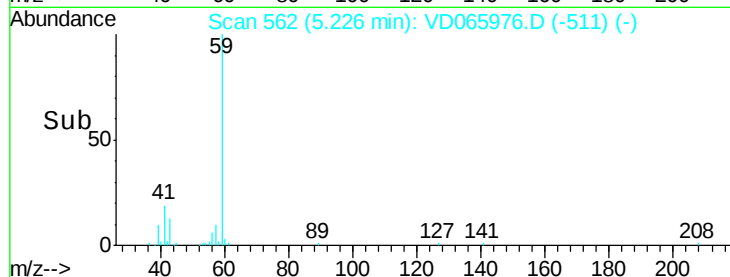
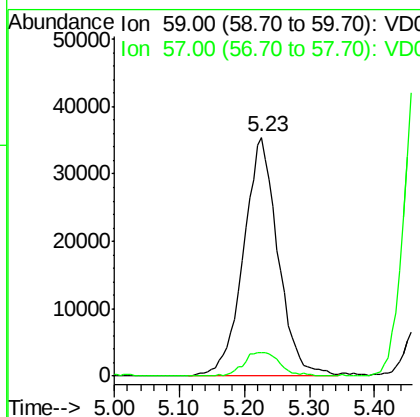
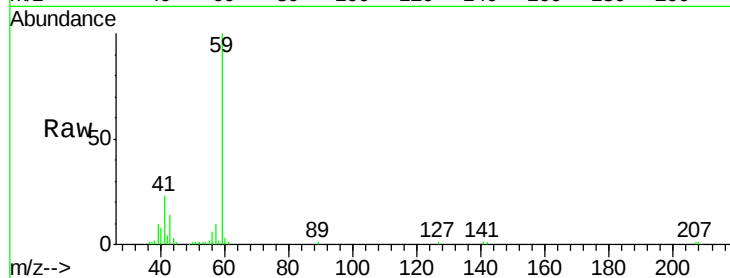
Tert butyl alcohol
Concen: 532.322 ug/l
RT: 5.23 min Scan# 562
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 59 Resp: 130064
Ion Ratio Lower Upper
59 100
57 10.5 4.5 6.7#

Manual Integrations
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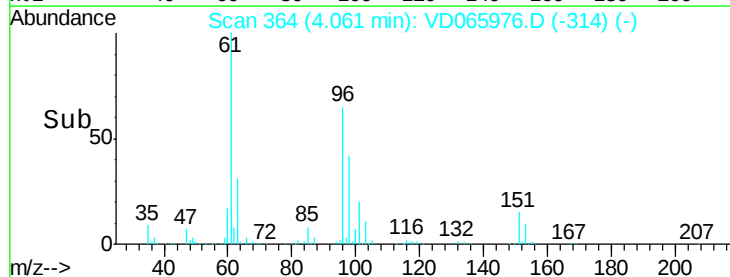
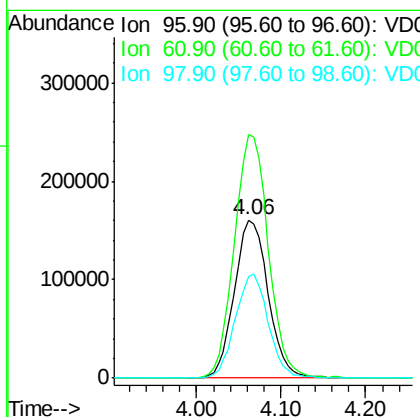
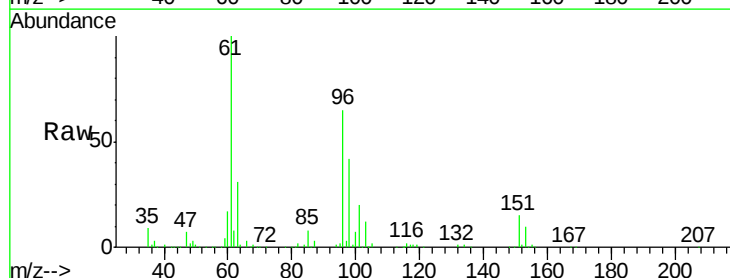
MMDadoda
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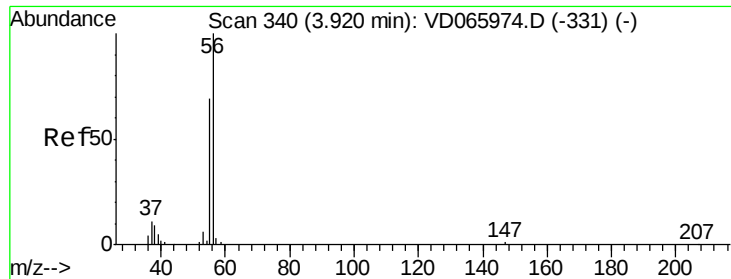


#12

1,1-Dichloroethene
Concen: 151.670 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion: 96 Resp: 445928
Ion Ratio Lower Upper
96 100
61 154.0 115.4 173.0
98 64.4 51.5 77.3





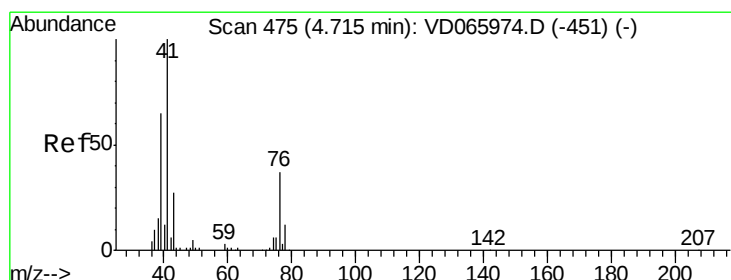
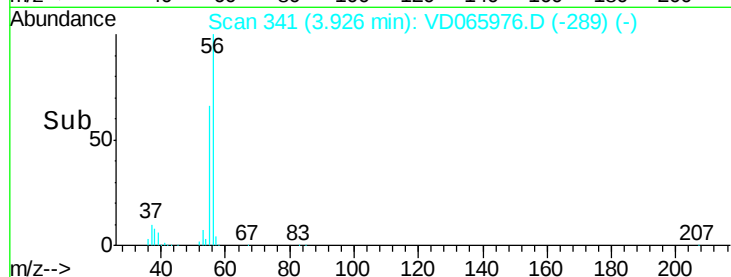
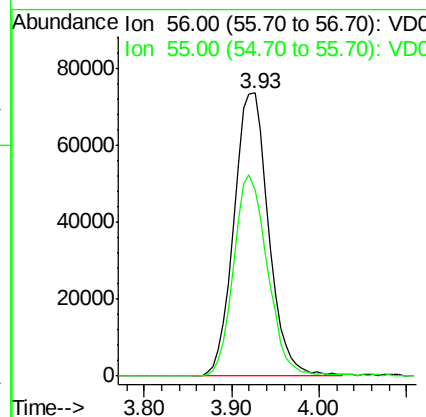
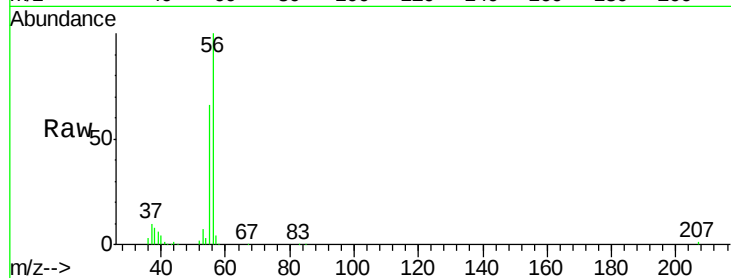
#13
Acrolein
Concen: 840.116 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	56	Resp	198341
Ion Ratio	Lower	Upper	
56	100		
55	69.4	55.8	83.8

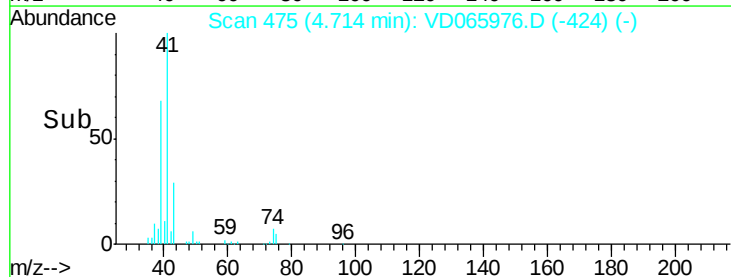
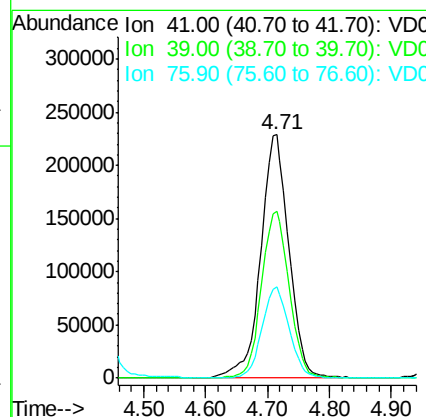
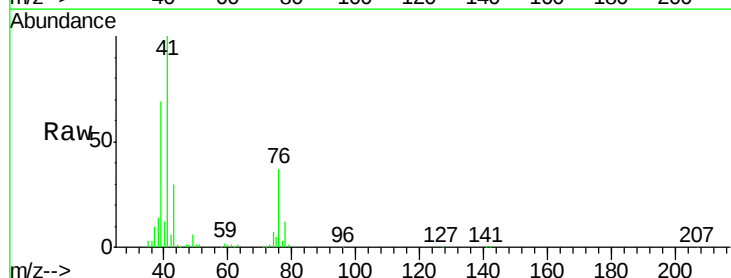
Manual Integrations
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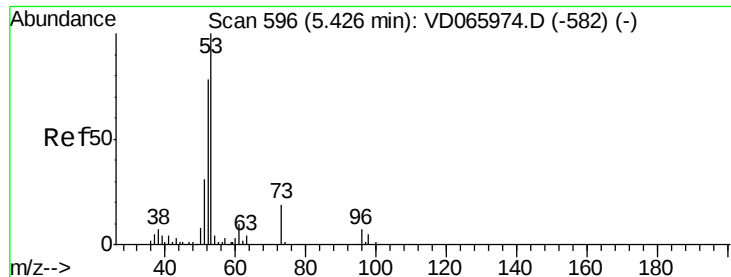
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#14
Allyl chloride
Concen: 160.647 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion	41	Resp	724996
Ion Ratio	Lower	Upper	
41	100		
39	67.7	53.4	80.2
76	35.5	29.1	43.7





#15

Acrylonitrile

Concen: 835.575 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

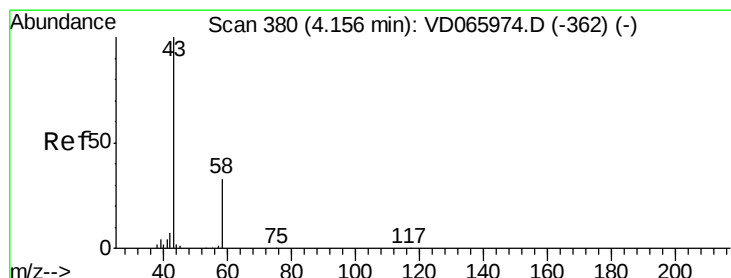
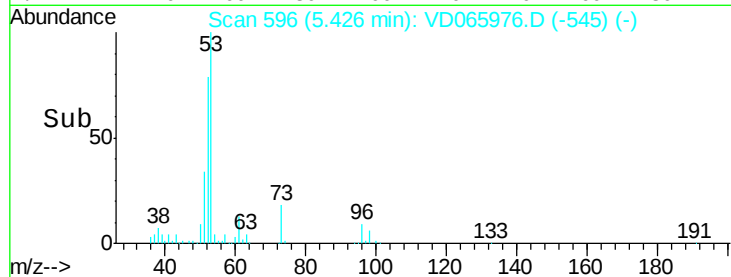
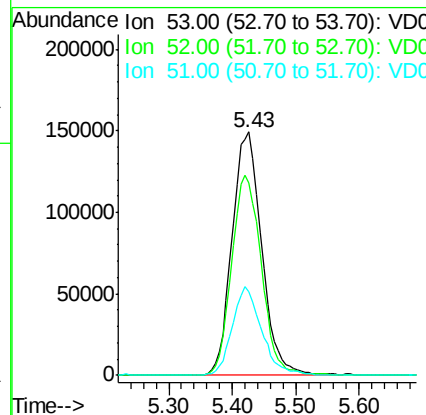
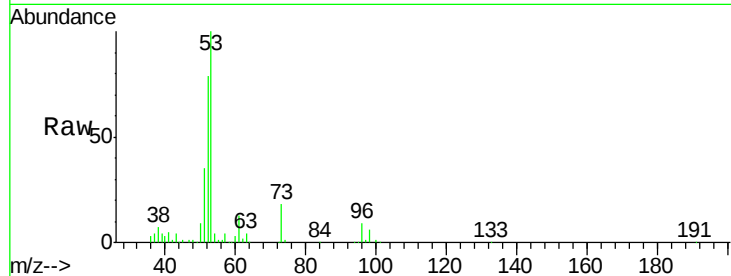
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	482108
Ion Ratio	Lower	Upper	
53	100		
52	81.8	67.1	100.7
51	36.0	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 774.182 ug/l

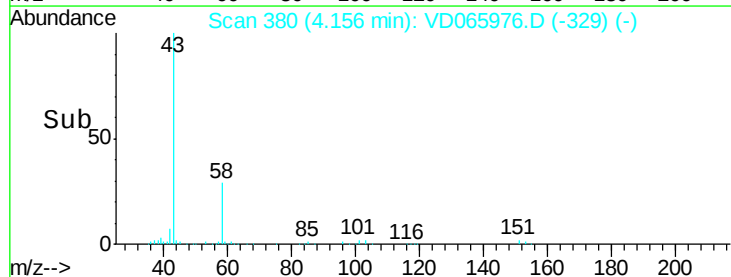
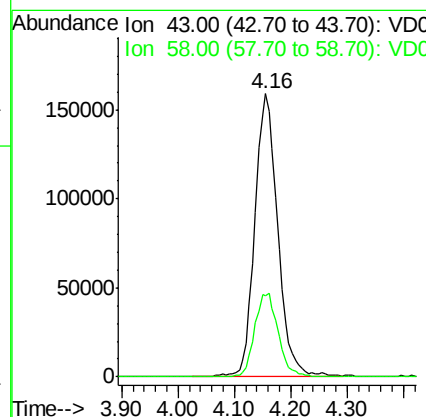
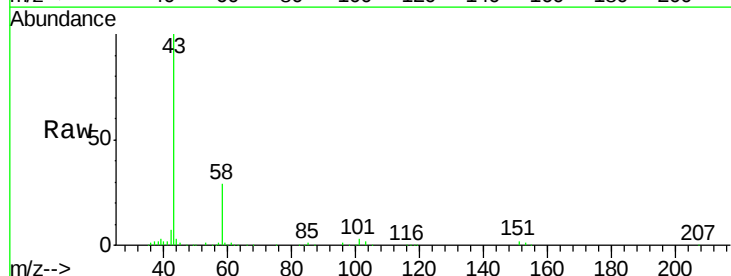
RT: 4.16 min Scan# 380

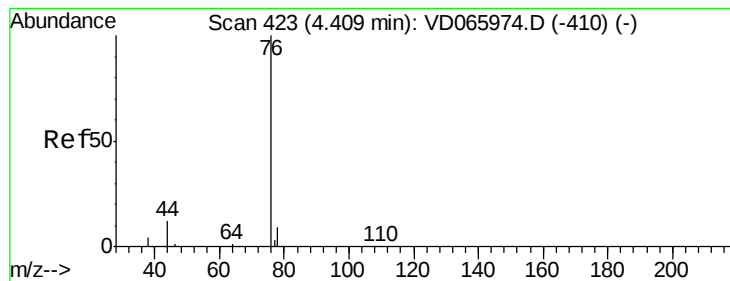
Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Tgt Ion:	43	Resp:	450236
Ion Ratio	Lower	Upper	
43	100		
58	28.5	26.3	39.5





#17

Carbon Disulfide

Concen: 149.579 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1436208

Ion Ratio Lower Upper

76 100

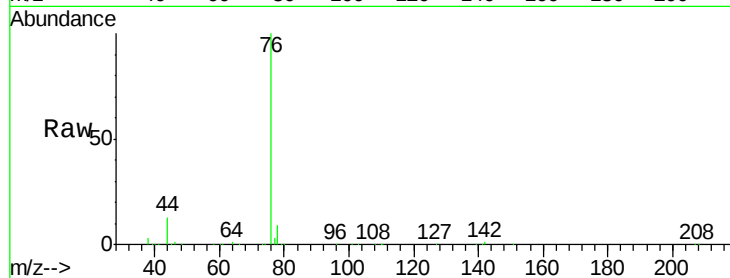
78 8.9 7.4 11.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

500000

400000

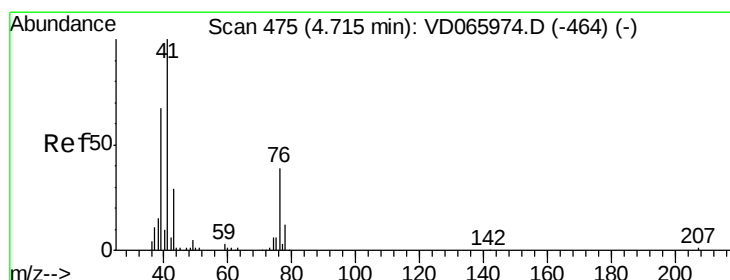
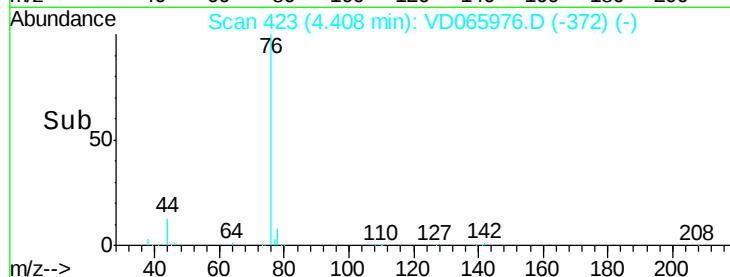
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 155.151 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065976.D

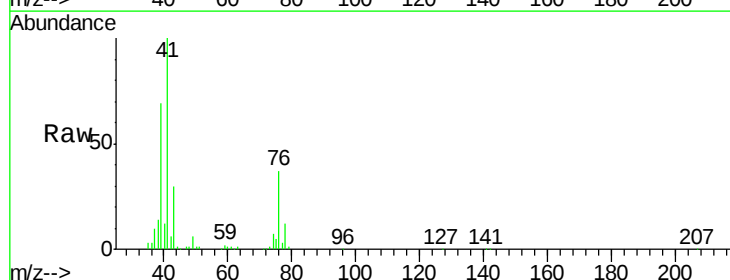
Acq: 21 Jul 2020 12:10

Tgt Ion: 43 Resp: 207568

Ion Ratio Lower Upper

43 100

74 24.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

80000

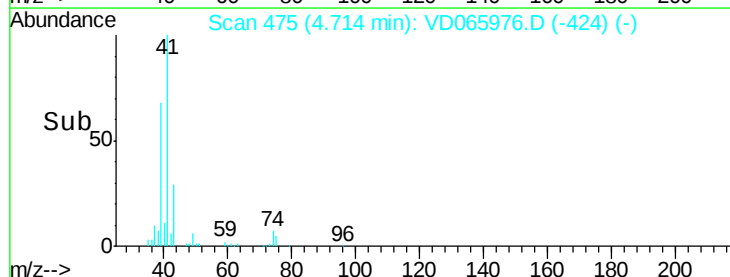
60000

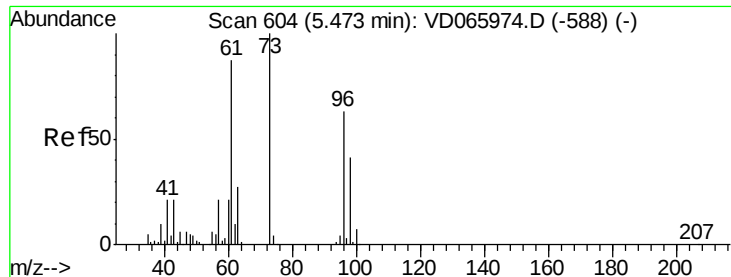
40000

20000

0

Time-->





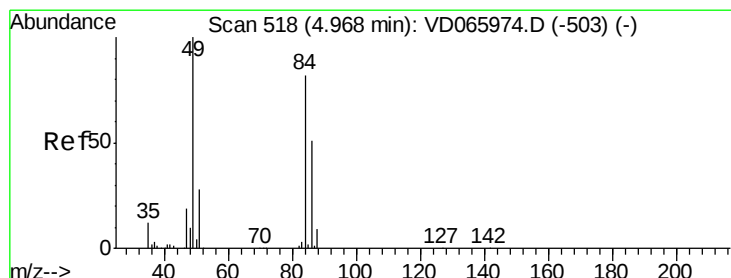
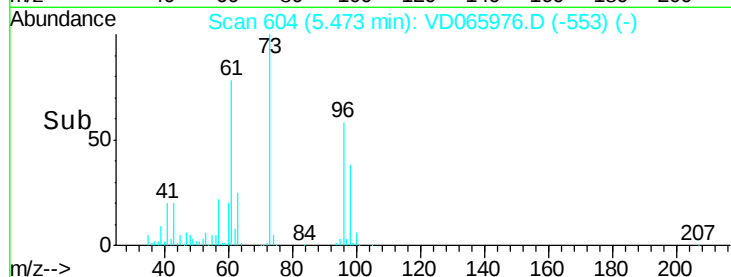
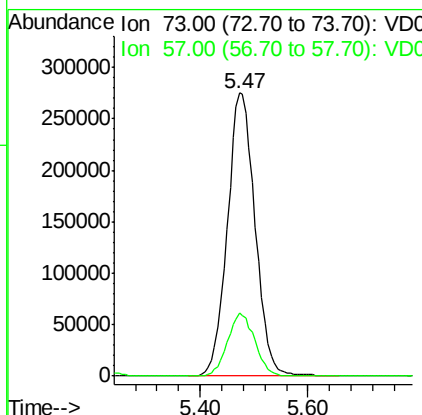
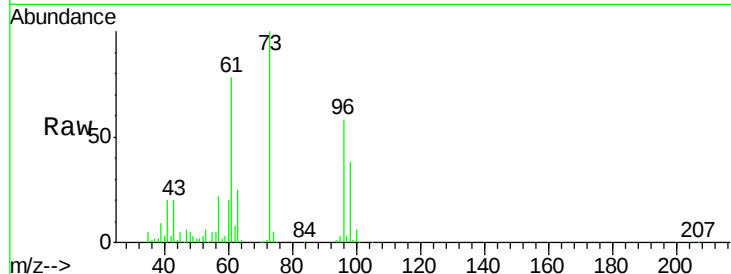
#19
Methyl tert-butyl Ether
Concen: 171.373 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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

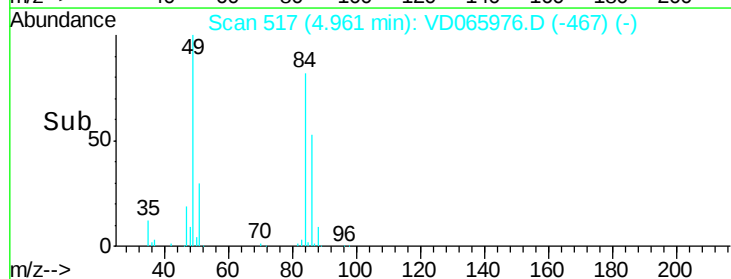
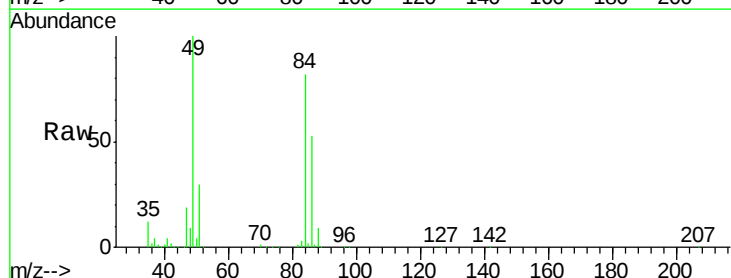
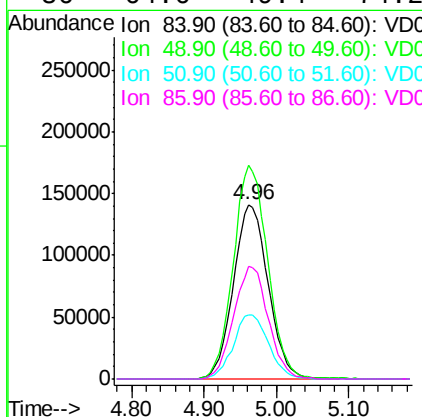
Manual Integrations
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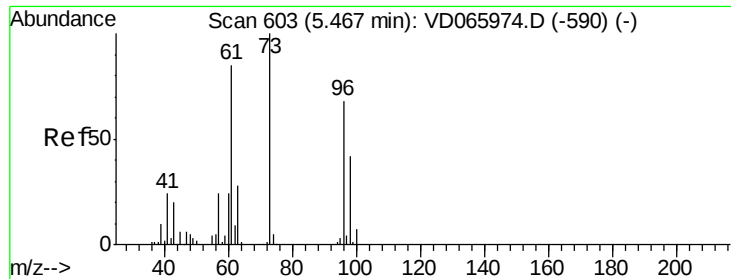
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#20
Methylene Chloride
Concen: 117.330 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

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





#21

trans-1,2-Dichloroethene

Concen: 152.686 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 507021

Ion Ratio Lower Upper

96 100

61 132.5 100.5 150.7

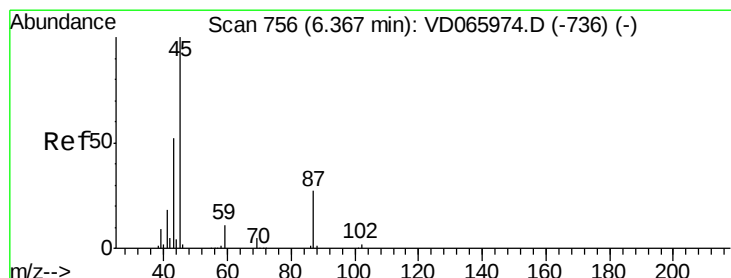
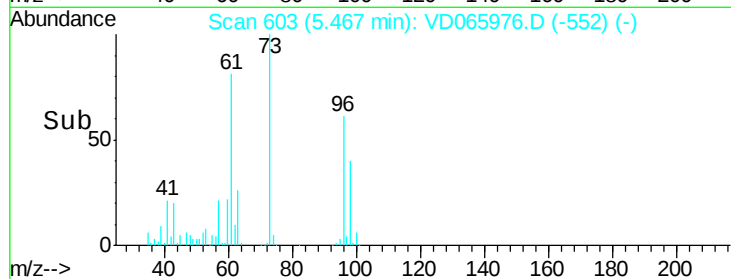
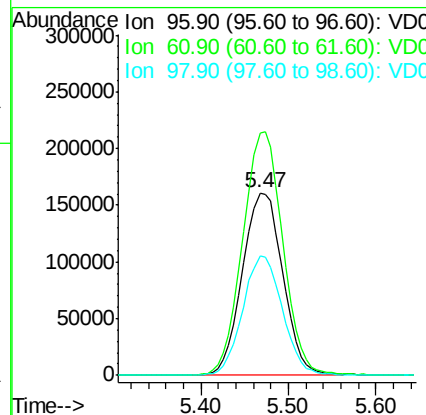
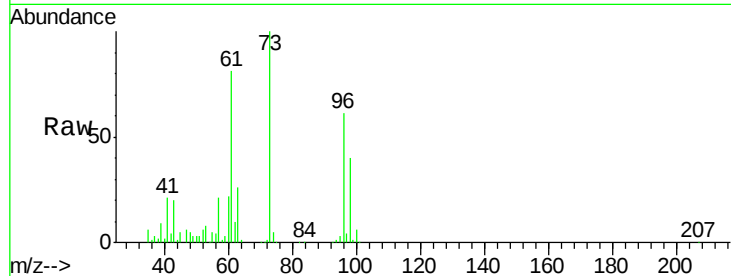
98 65.1 49.7 74.5

Manual Integrations

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#22

Diisopropyl ether

Concen: 160.490 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Tgt Ion: 45 Resp: 1371158

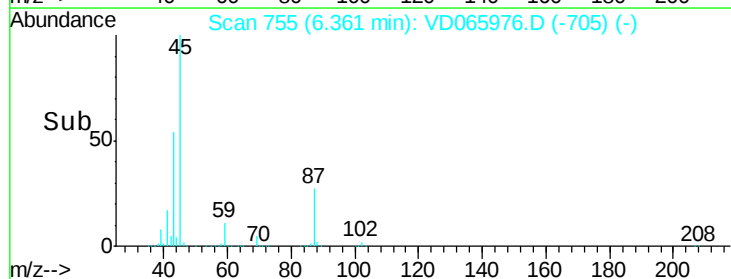
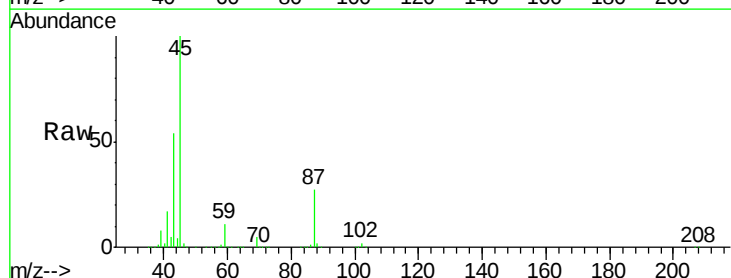
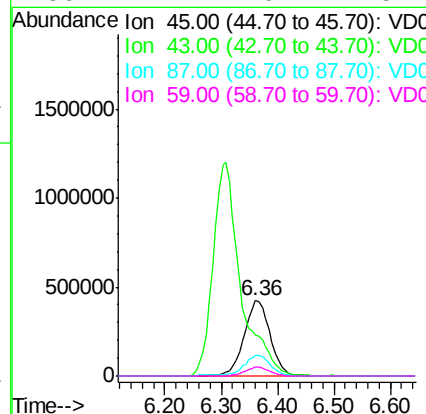
Ion Ratio Lower Upper

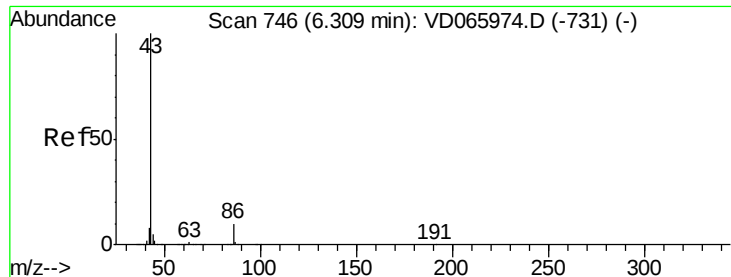
45 100

43 53.7 43.0 64.4

87 27.0 22.0 33.0

59 11.1 9.1 13.7





#23

Vinyl Acetate

Concen: 866.113 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 4060435

Ion Ratio Lower Upper

43 100

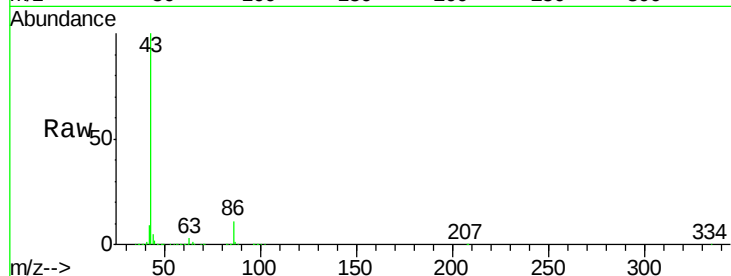
86 10.9 7.9 11.9

Manual Integrations

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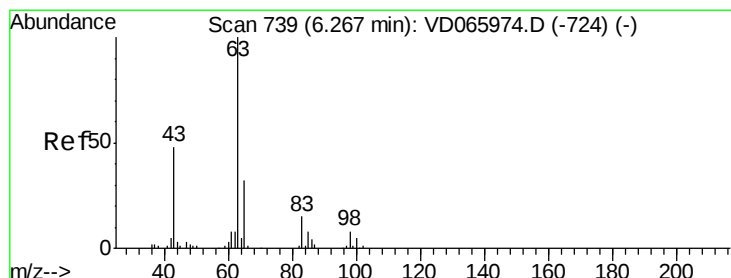
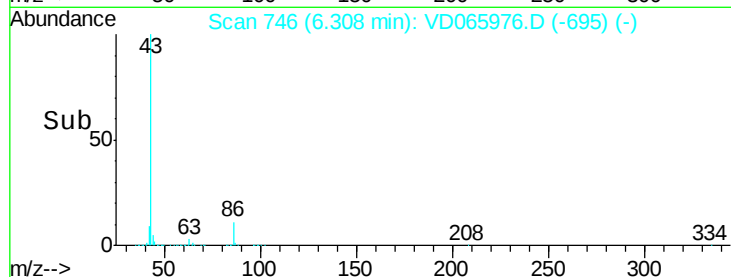
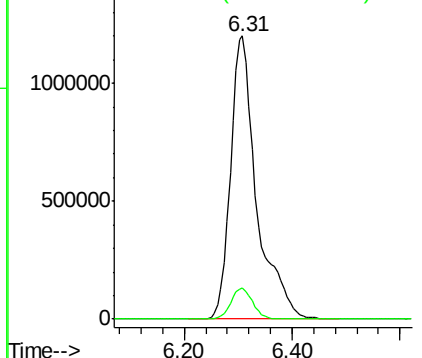
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 152.538 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

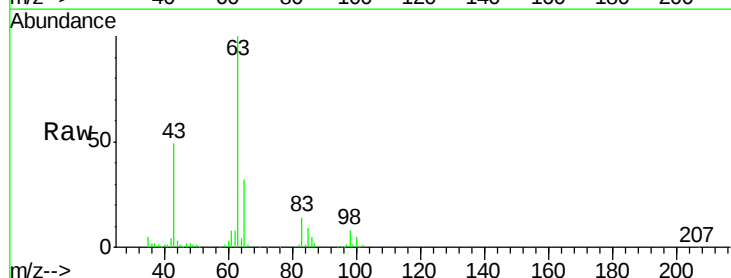
Tgt Ion: 63 Resp: 815157

Ion Ratio Lower Upper

63 100

98 7.9 4.3 12.8

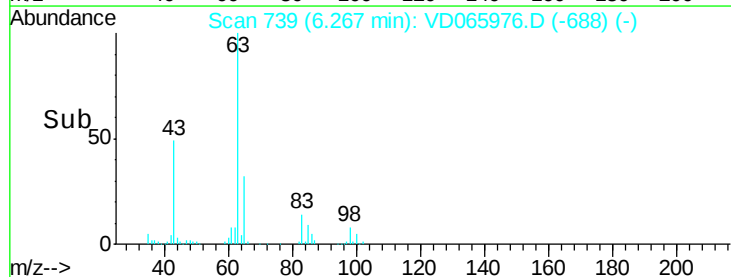
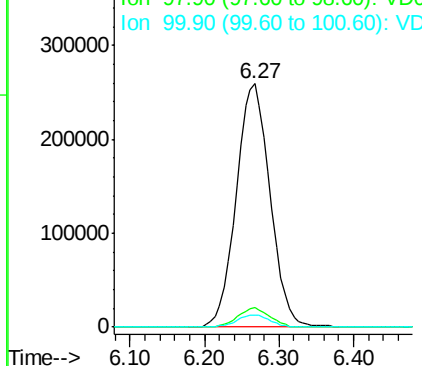
100 4.8 2.5 7.5

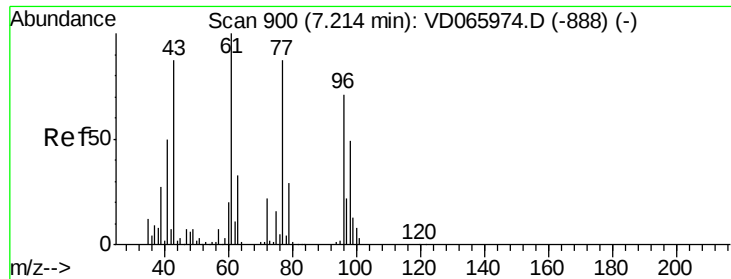


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 794.962 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 609593

Ion Ratio Lower Upper

43 100

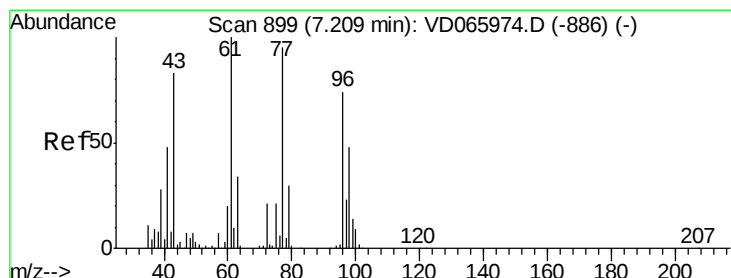
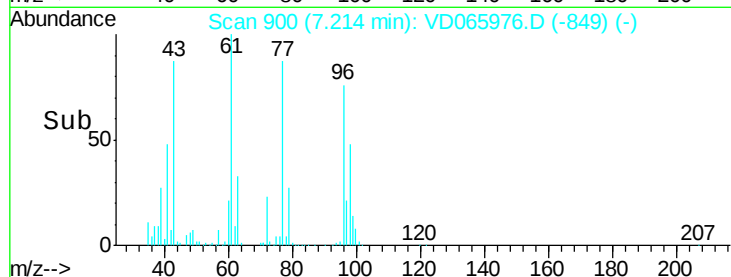
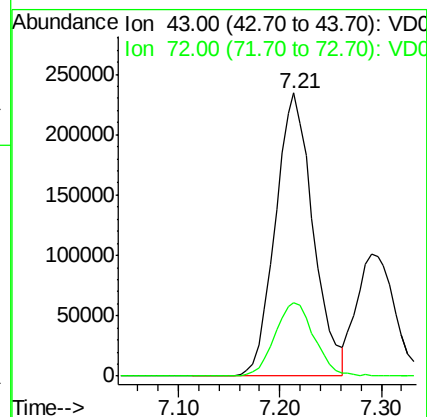
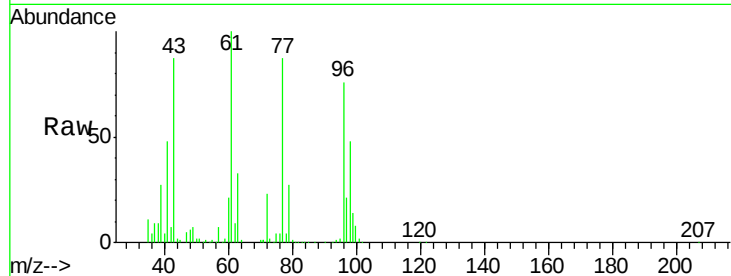
72 26.0 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 145.717 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065976.D

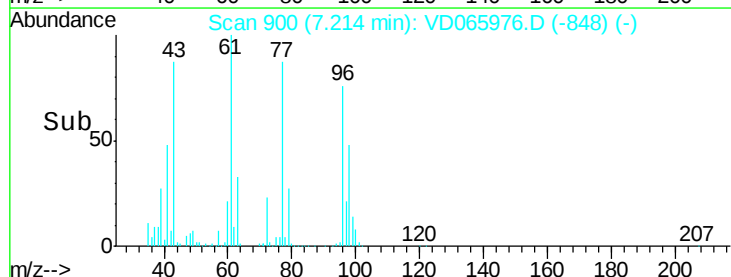
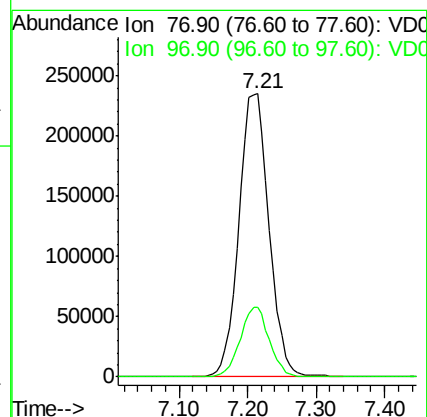
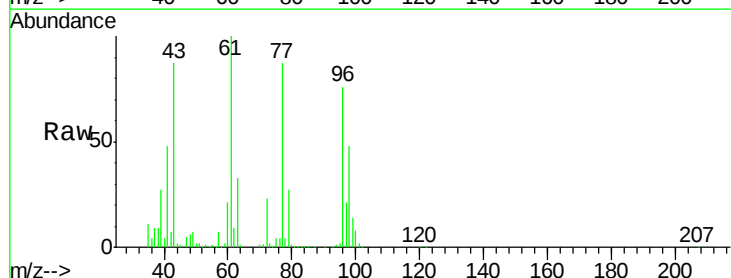
Acq: 21 Jul 2020 12:10

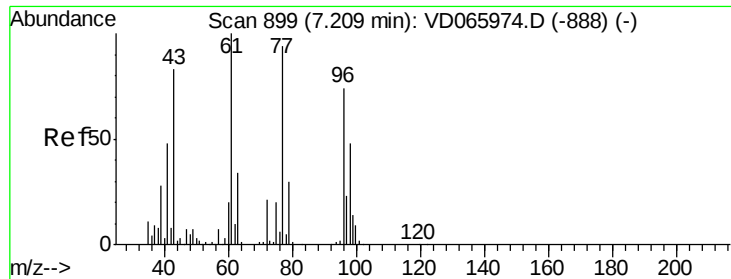
Tgt Ion: 77 Resp: 714722

Ion Ratio Lower Upper

77 100

97 23.7 11.6 34.7





#27

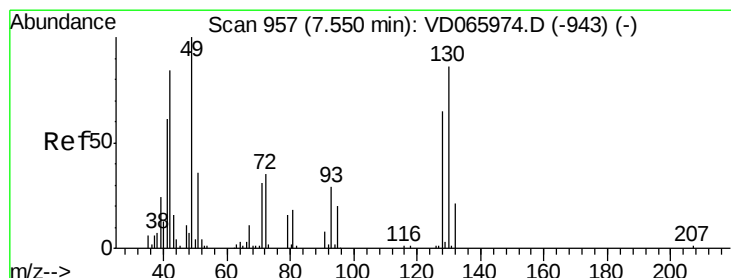
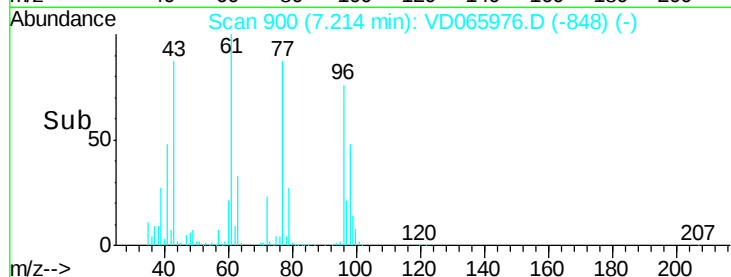
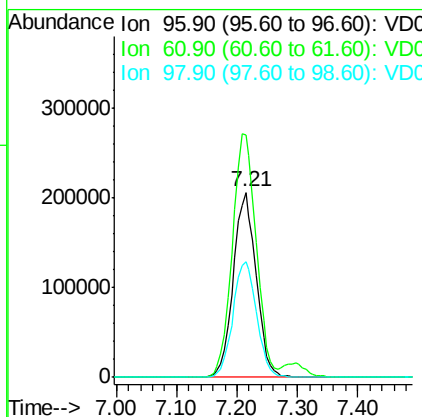
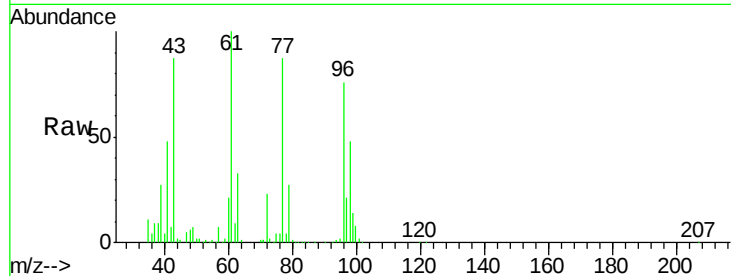
cis-1,2-Dichloroethene
Concen: 156.526 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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

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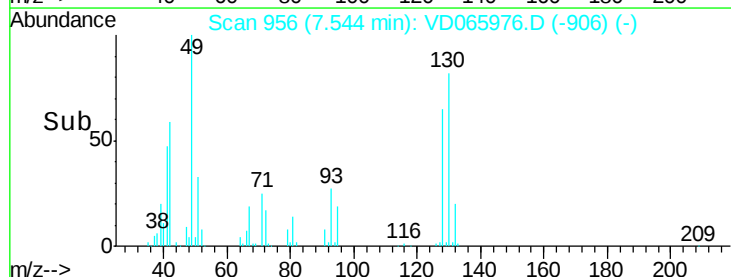
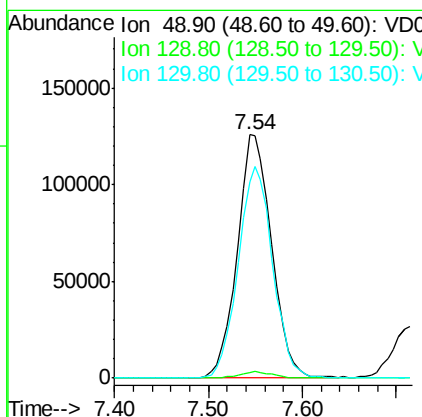
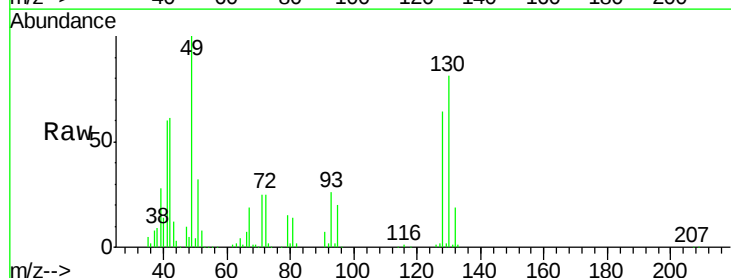
MMDadoda
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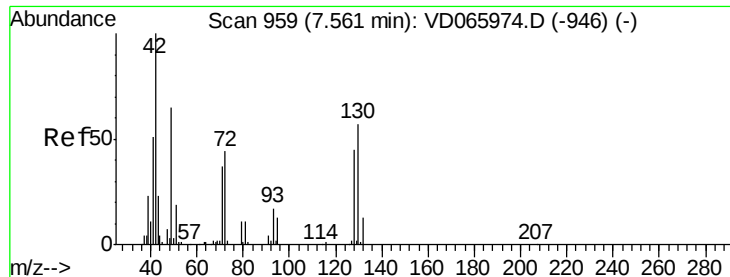


#28

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

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





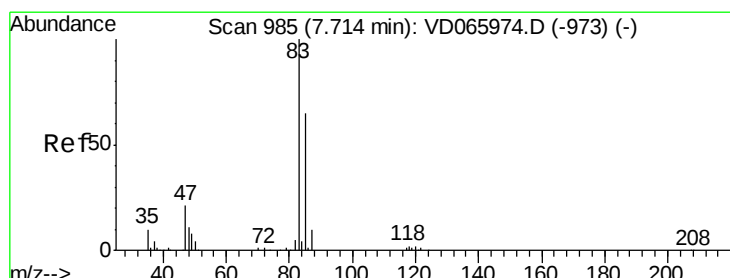
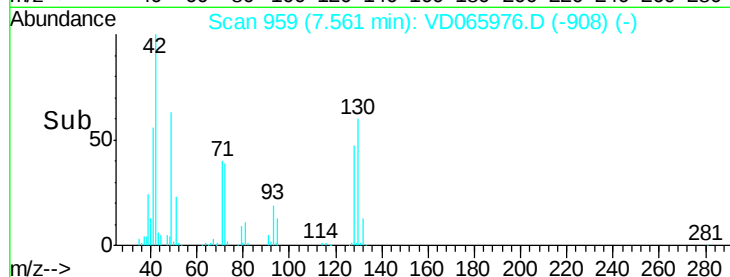
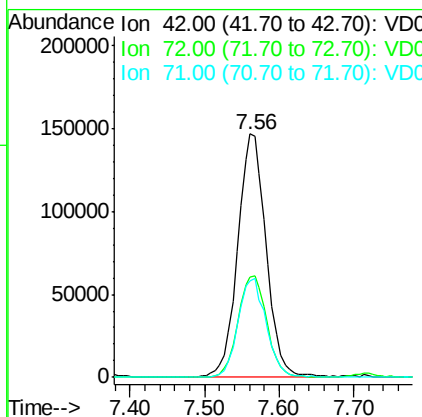
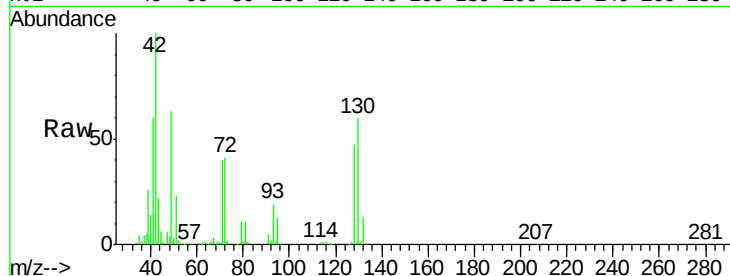
#29
Tetrahydrofuran
Concen: 830.806 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.2	51.2
71	40.3	31.4	47.2

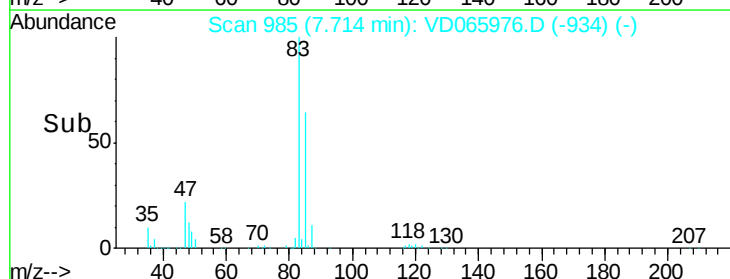
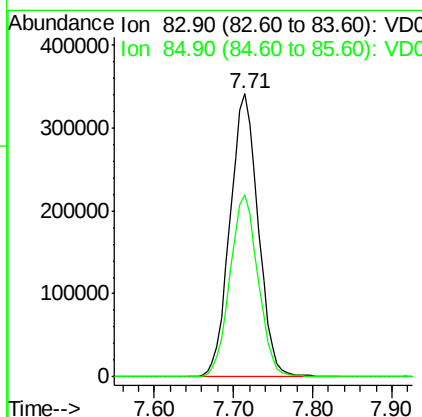
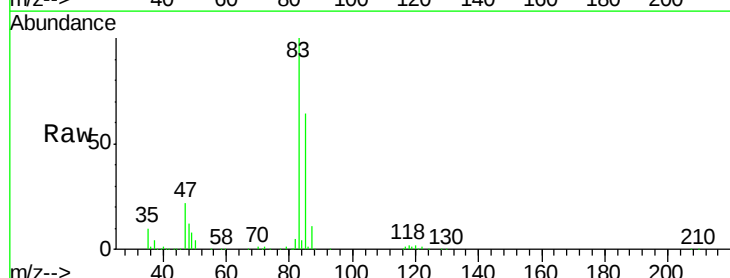
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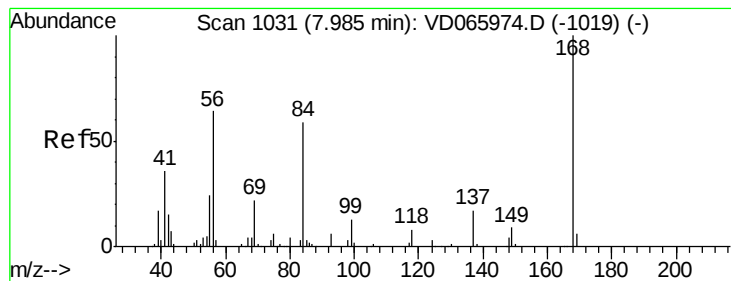
MMDadoda
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#30
Chloroform
Concen: 151.582 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.1	78.1





#31

Cyclohexane

Concen: 140.515 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 753597

Ion Ratio Lower Upper

56 100

69 33.0 28.0 42.0

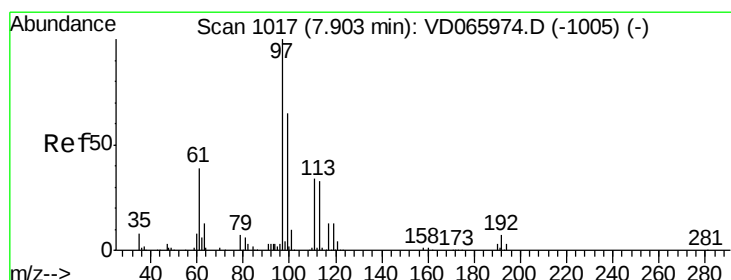
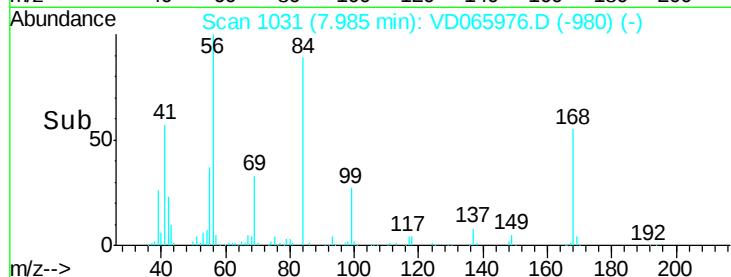
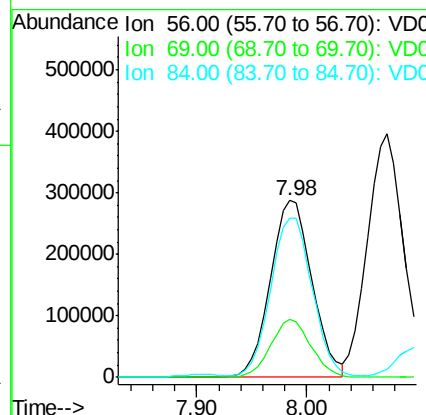
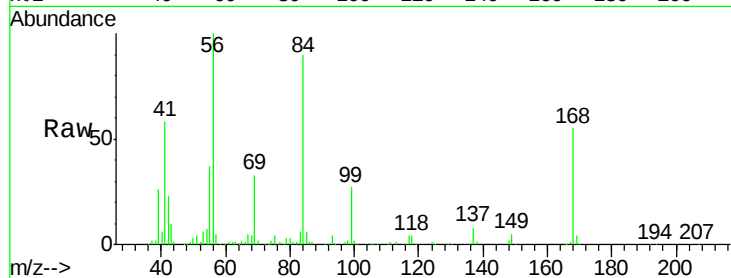
84 88.8 72.6 109.0

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#32

1,1,1-Trichloroethane

Concen: 150.238 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

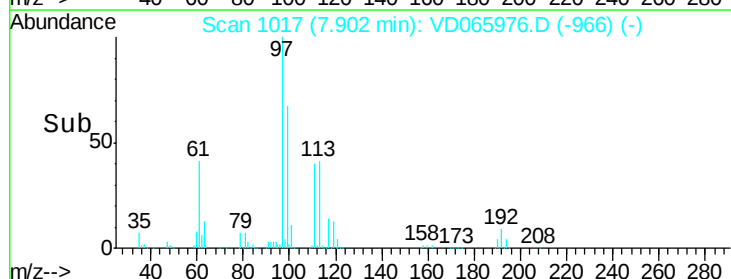
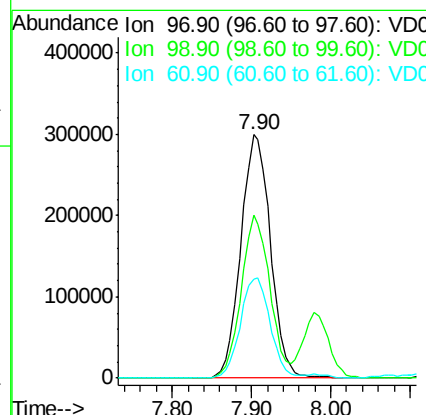
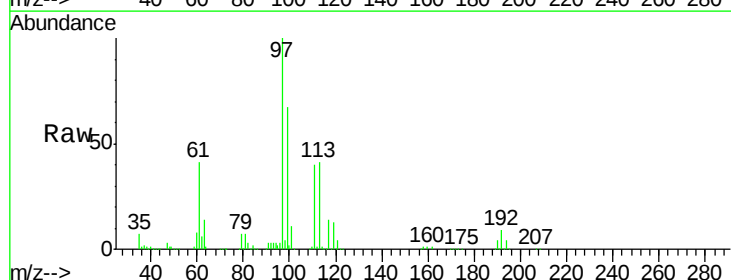
Tgt Ion: 97 Resp: 779118

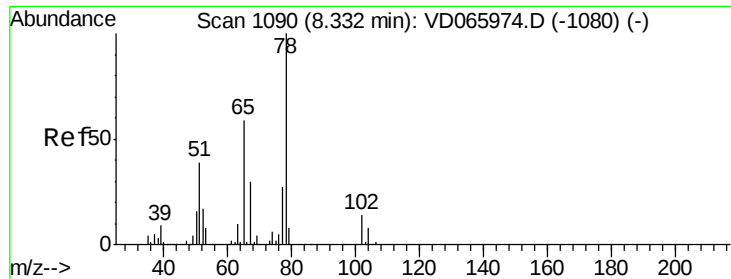
Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

61 41.2 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 148.295 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 427352

Ion Ratio Lower Upper

65 100

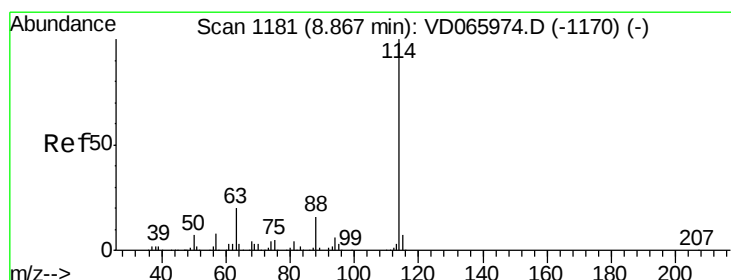
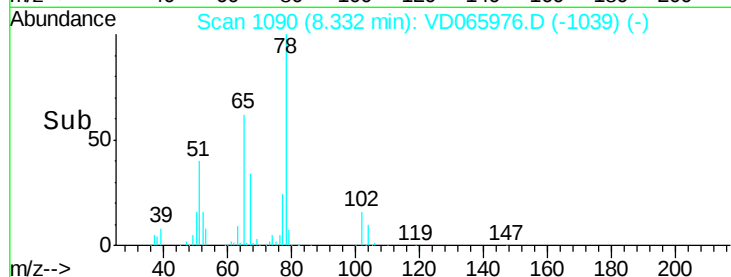
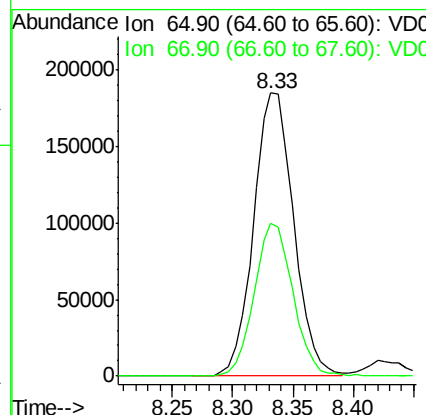
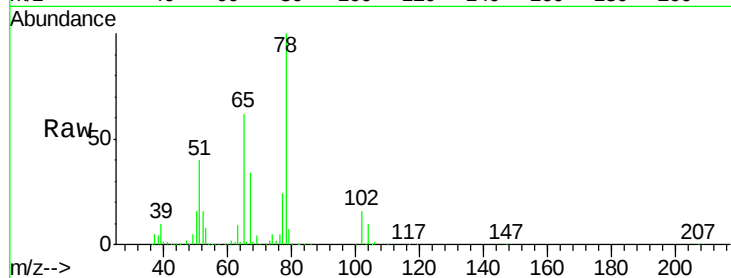
67 52.4 0.0 105.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

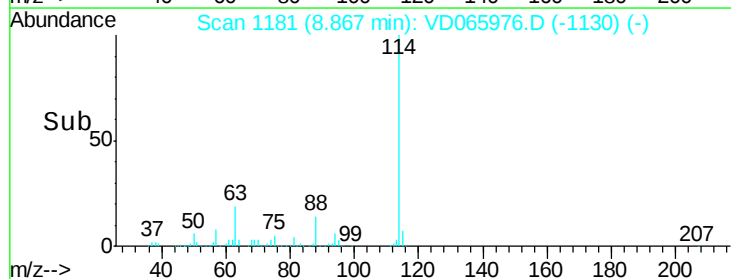
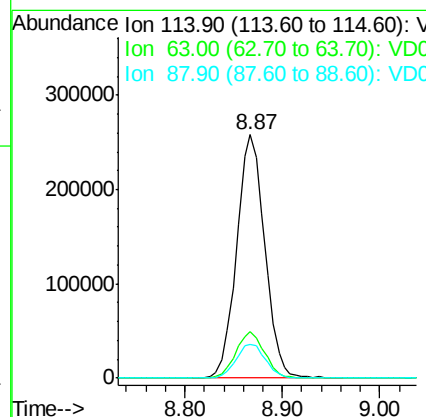
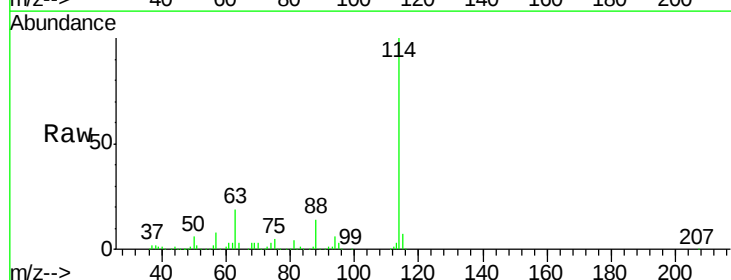
Tgt Ion: 114 Resp: 515136

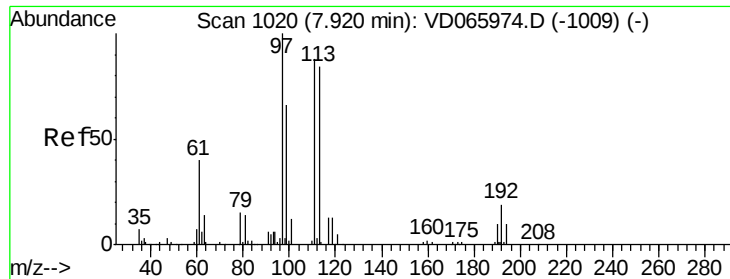
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 14.0 0.0 31.2





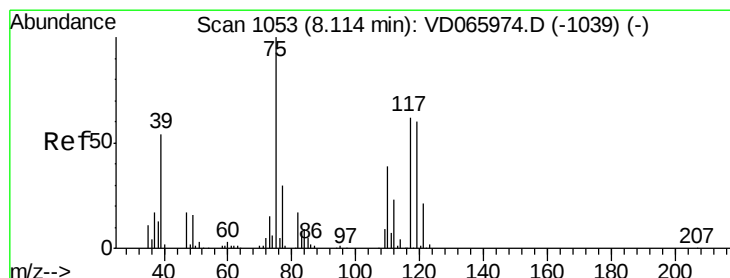
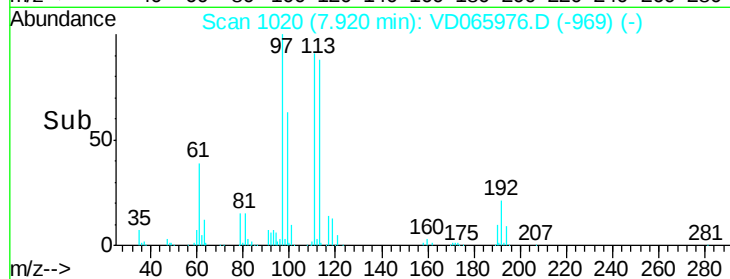
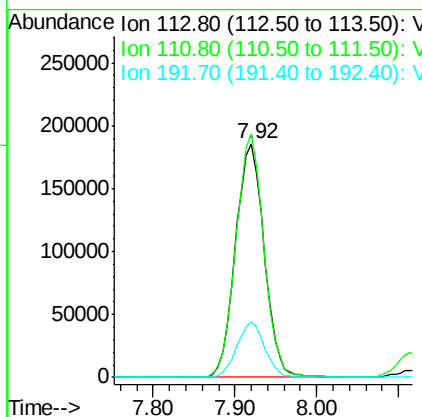
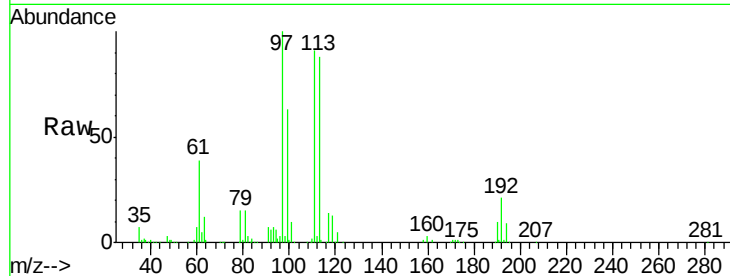
#35
 Dibromofluoromethane
 Concen: 146.758 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.2	124.8
192	22.9	18.7	28.1

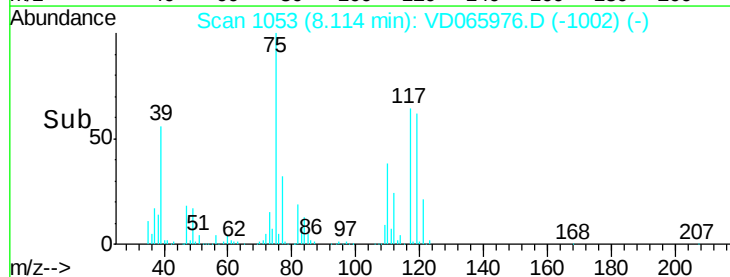
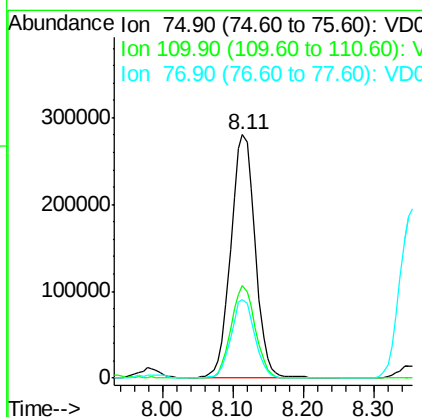
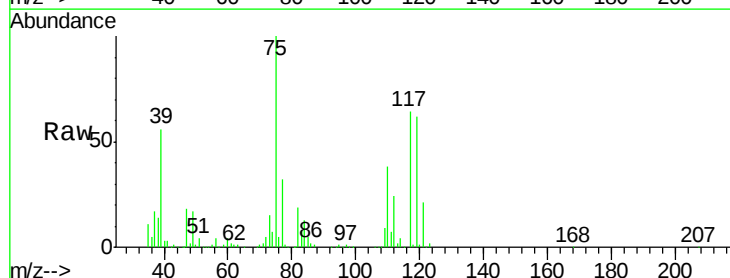
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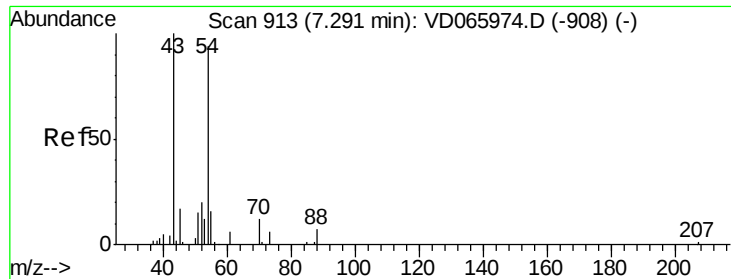
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#36
 1,1-Dichloropropene
 Concen: 150.485 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

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





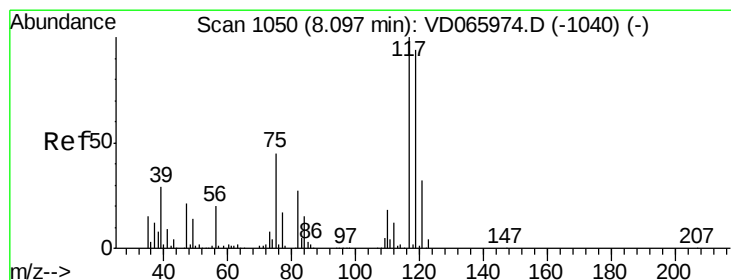
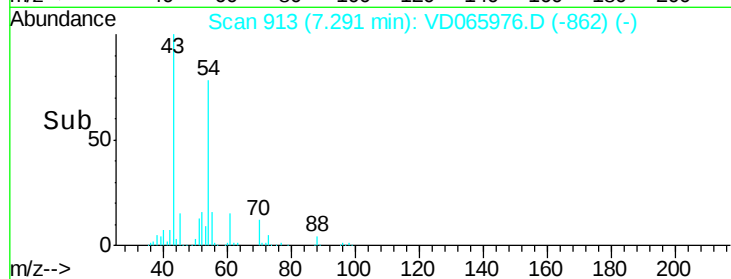
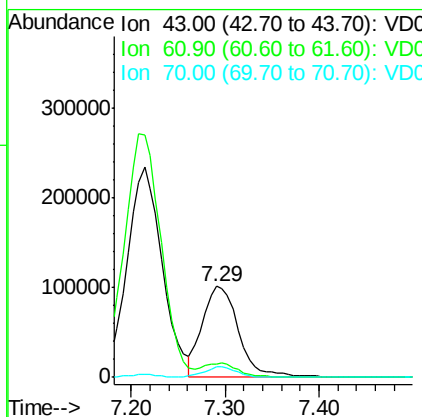
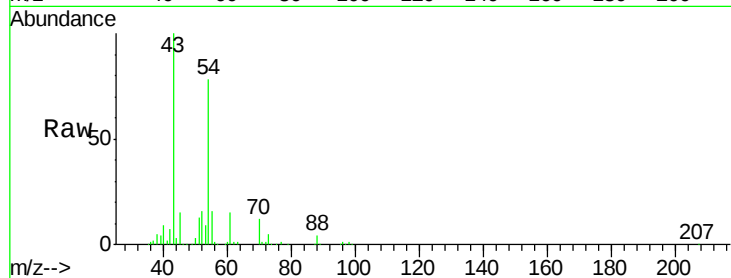
#37
Ethyl Acetate
Concen: 157.413 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.4	17.0
70	10.8	9.3	13.9

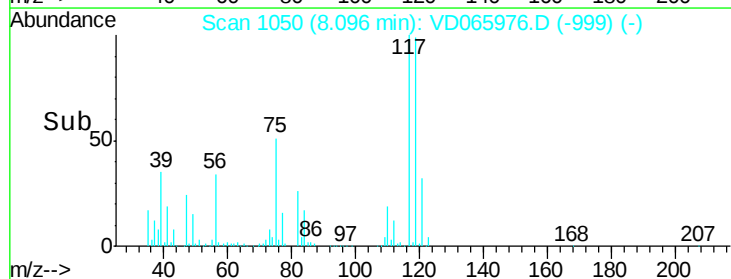
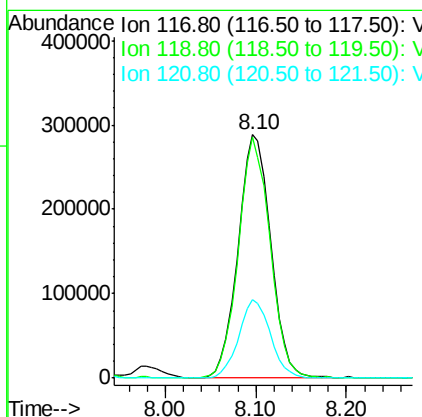
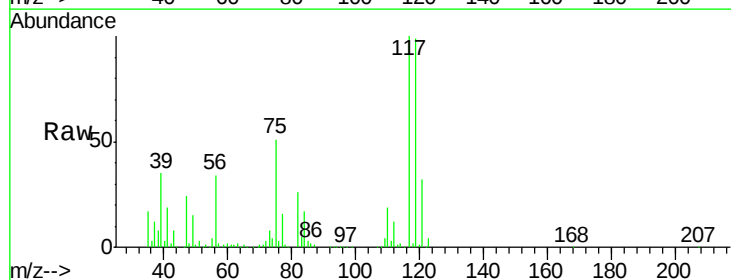
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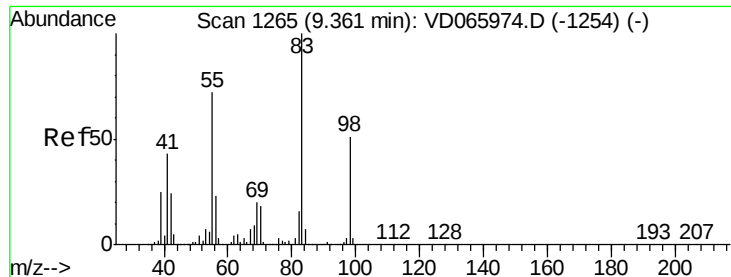
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#38
Carbon Tetrachloride
Concen: 151.927 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

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





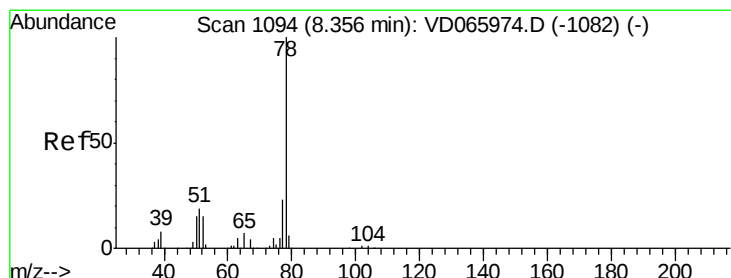
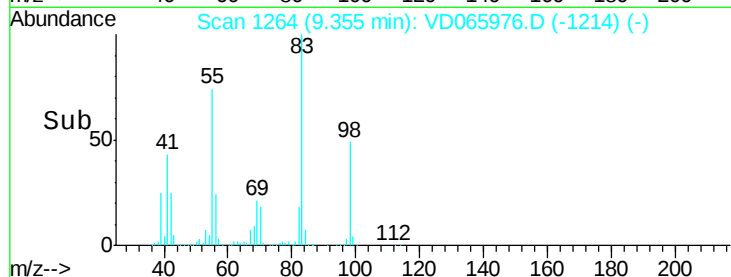
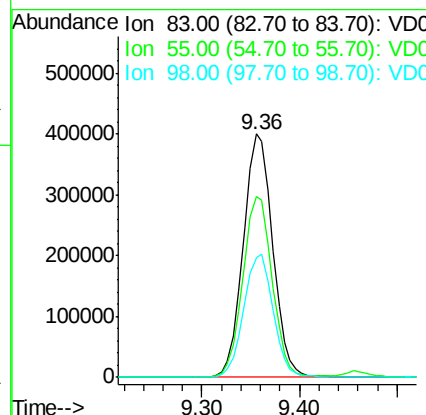
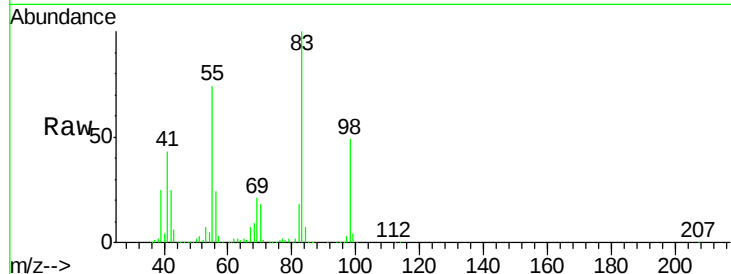
#39
Methvlcvclohexane
Concen: 158.173 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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

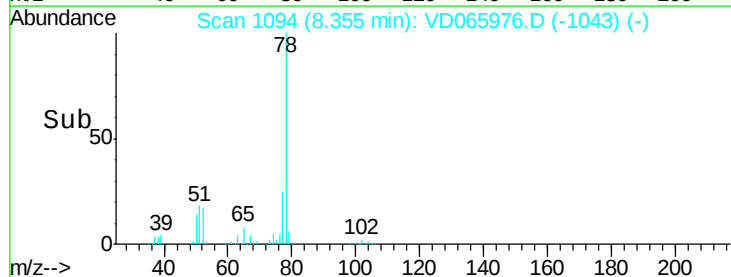
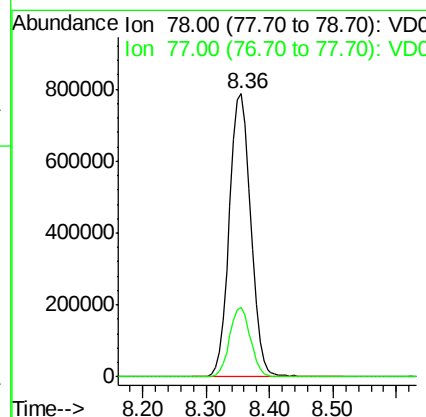
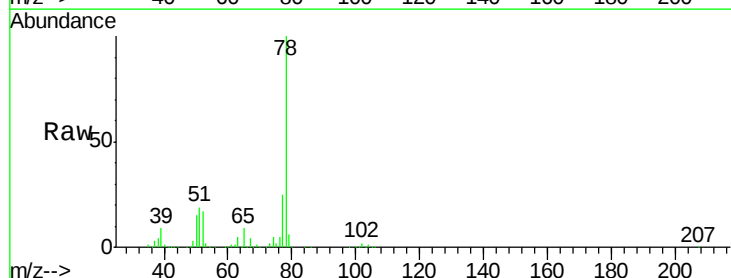
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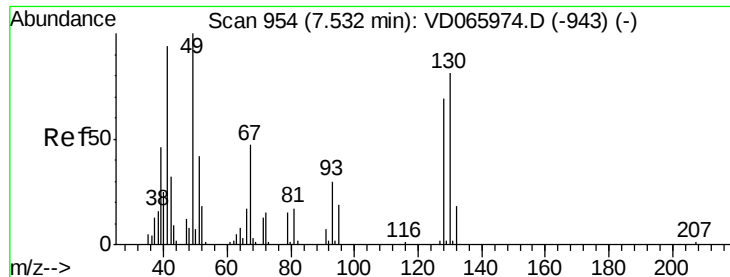
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#40
Benzene
Concen: 149.575 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

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





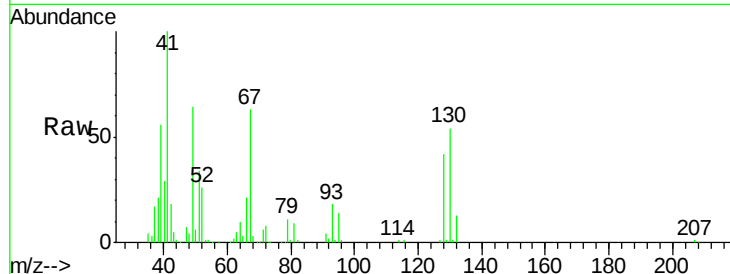
#41
Methacrylonitrile
Concen: 123.974 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

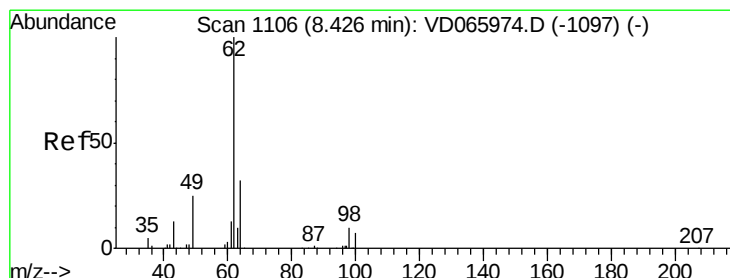
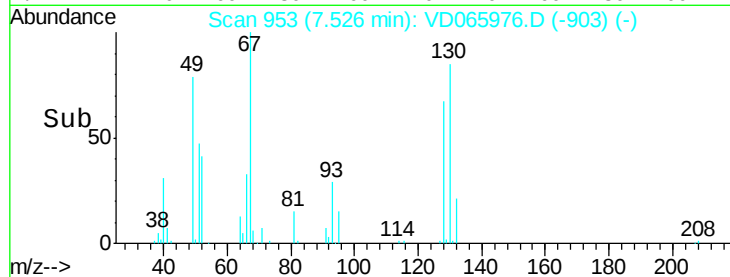
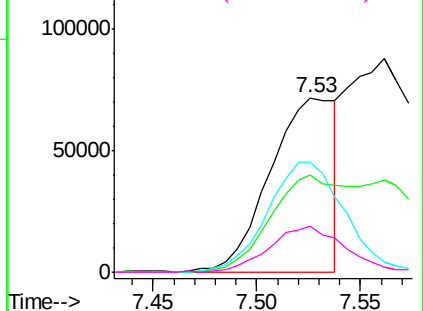
Tot Ion	Ratio	Resp	Lower	Upper
41	100	159043		
39	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0

Manual Integrations
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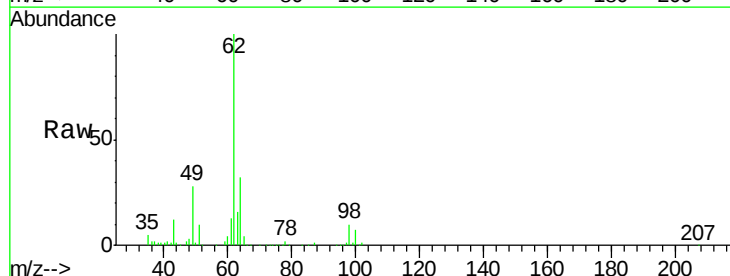


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

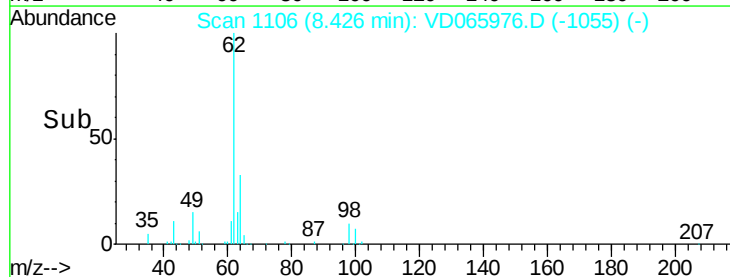
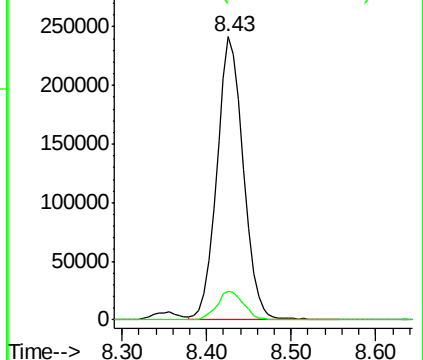


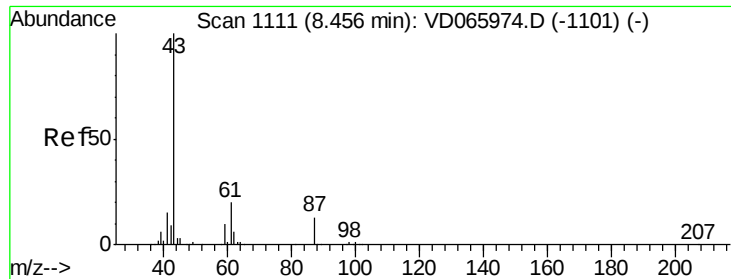
#42
1,2-Dichloroethane
Concen: 153.206 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	522457		
98	10.4	0.0	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





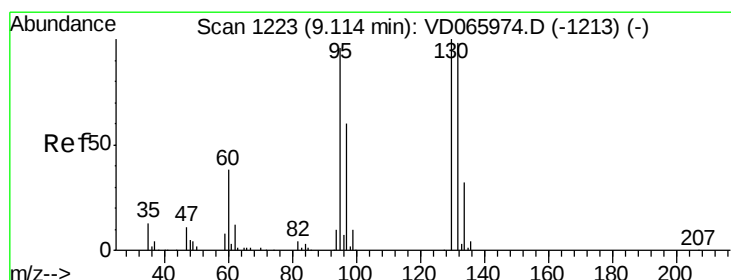
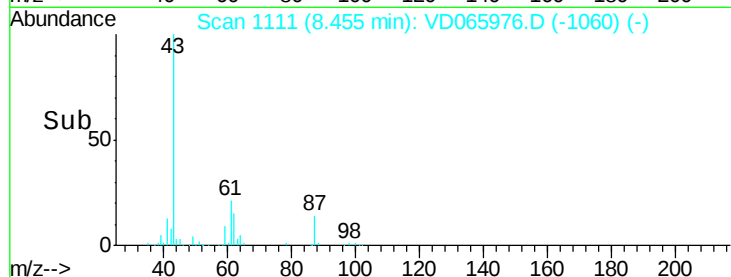
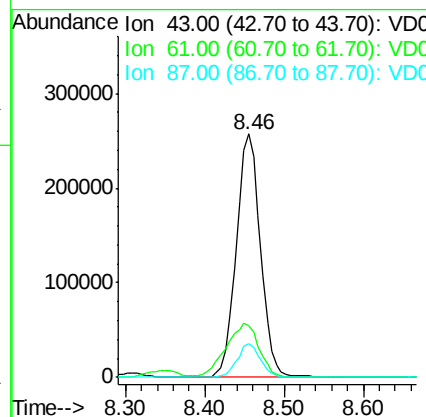
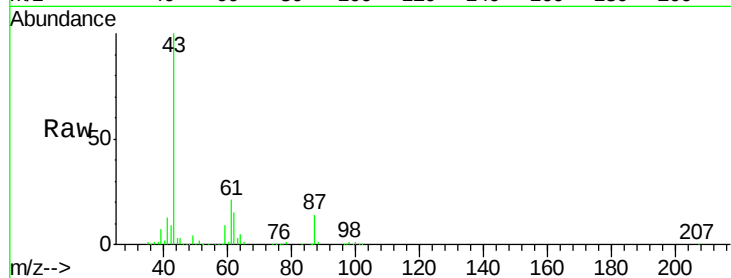
#43
Isopropyl Acetate
Concen: 171.941 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.1	25.8	38.8
87	13.2	10.9	16.3

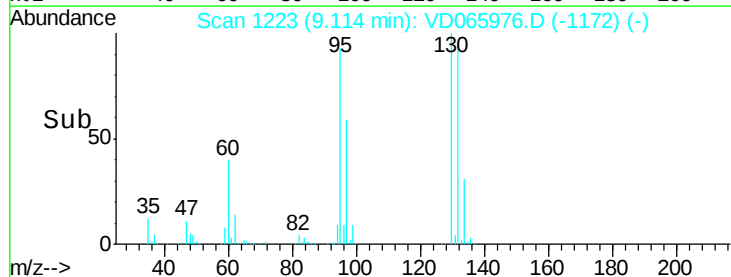
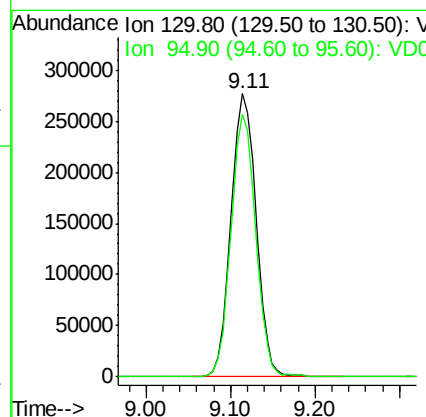
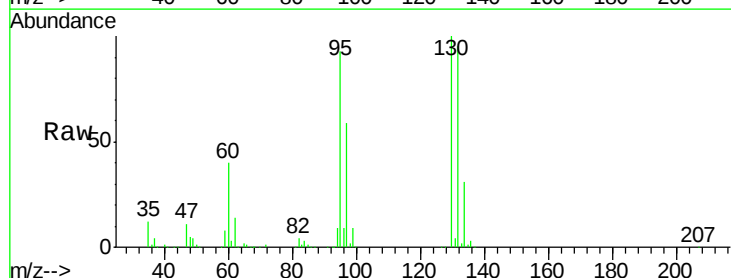
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#44
Trichloroethene
Concen: 152.495 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	191.6





#45

1,2-Dichloropropane

Concen: 153.869 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 457832

Ion Ratio Lower Upper

63 100

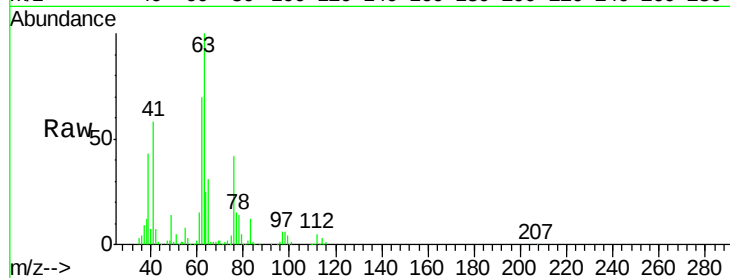
65 31.2 24.0 36.0

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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

250000

200000

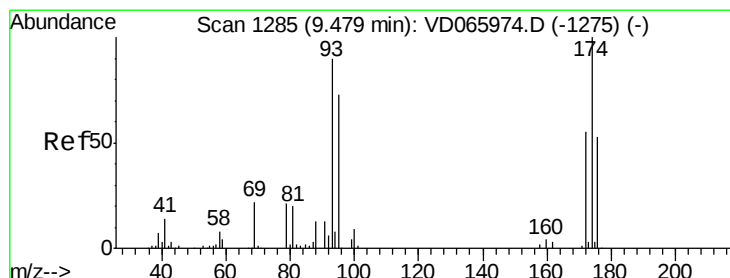
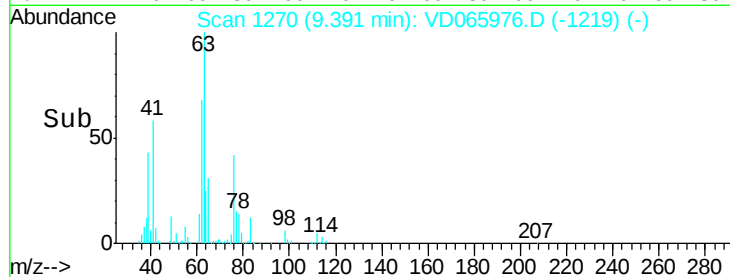
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 154.058 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

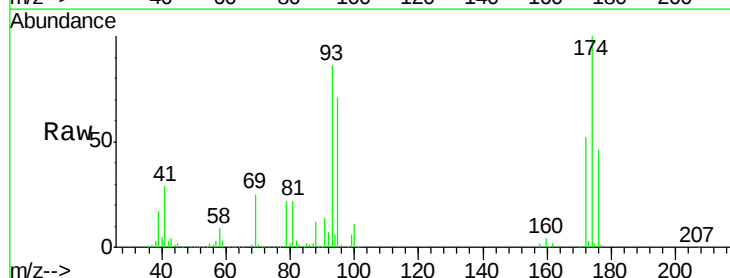
Tgt Ion: 93 Resp: 250885

Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.4

174 115.4 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

200000

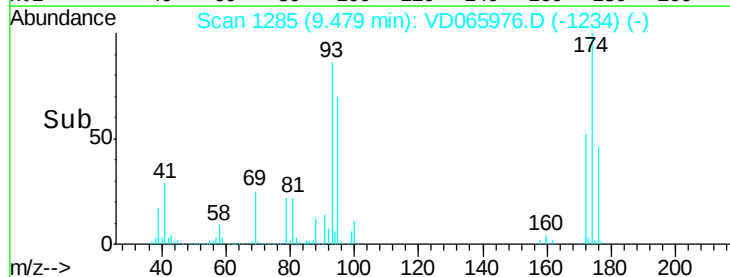
150000

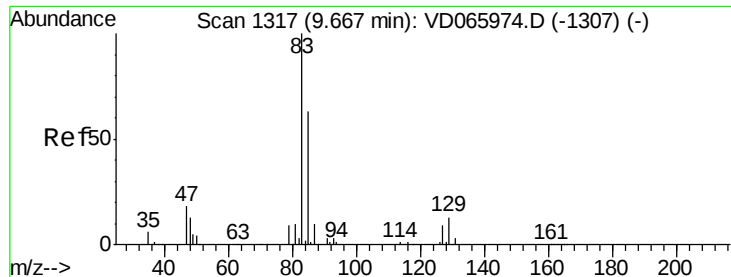
100000

50000

0

Time-->





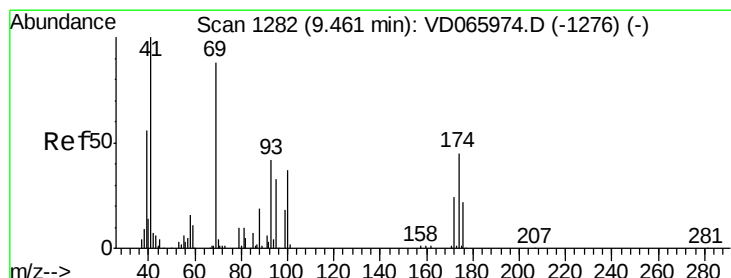
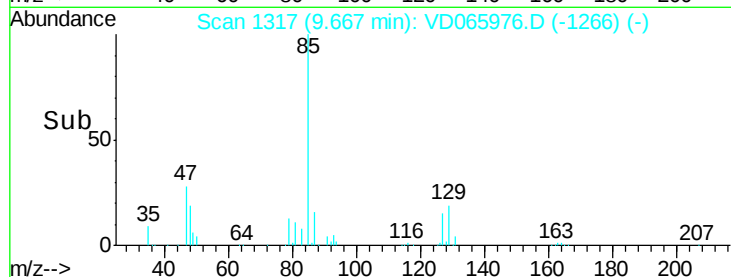
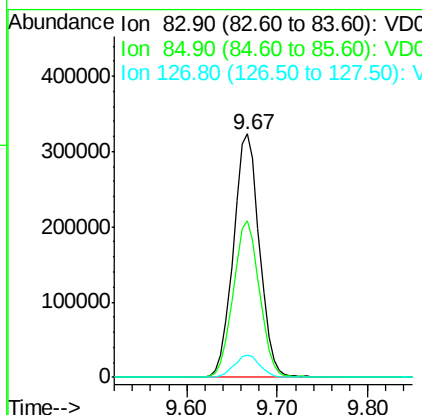
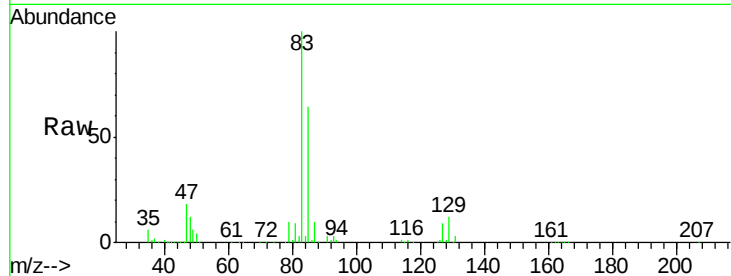
#47
Bromodichloromethane
Concen: 151.825 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100	647948		
85	64.4	50.6	75.8	
127	9.3	7.1	10.7	

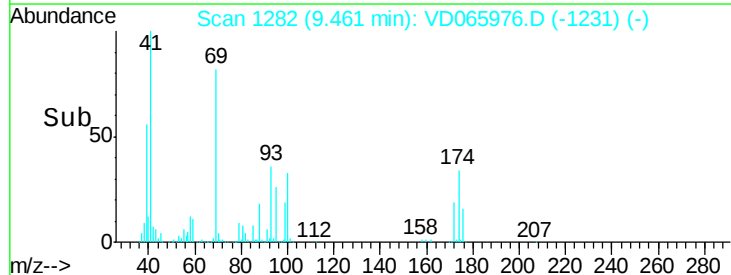
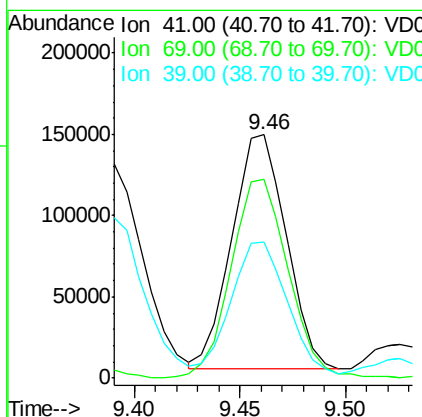
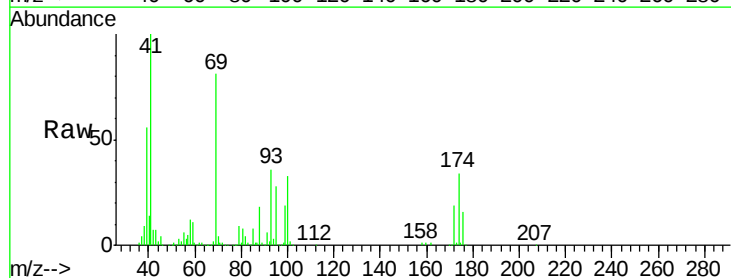
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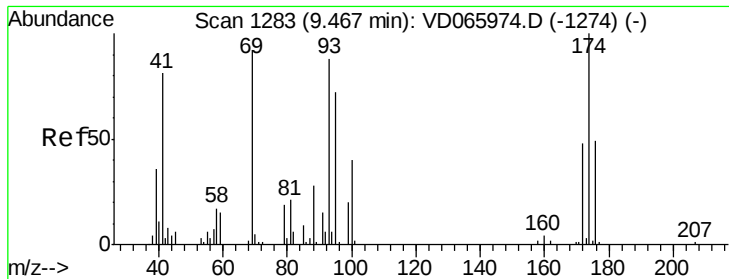
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#48
Methyl methacrylate
Concen: 156.539 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	257522		
69	88.6	65.1	97.7	
39	57.1	41.5	62.3	





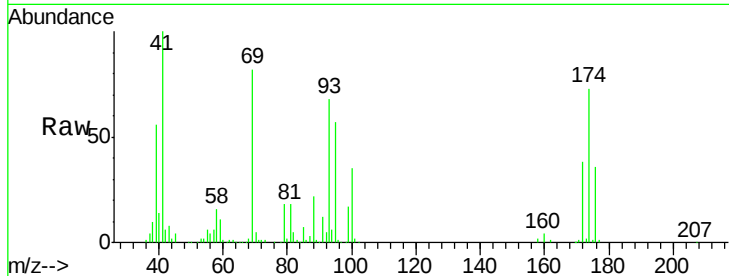
#49
1,4-Dioxane
Concen: 3344.623 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	29.0	43.6
58	68.7	57.0	85.4

Manual Integrations
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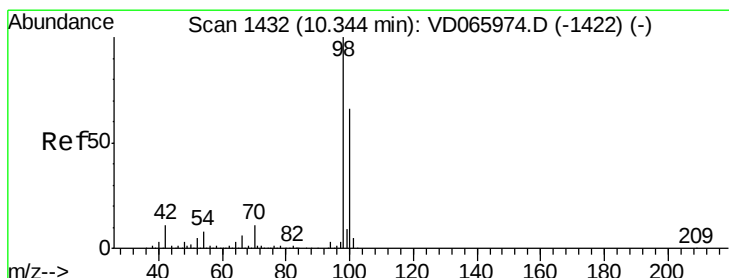
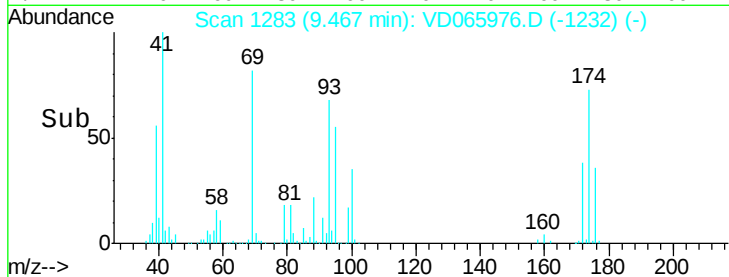
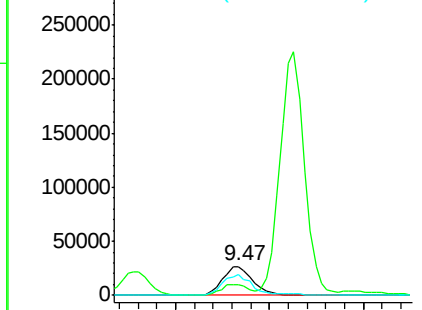


Abundance

Ion 88.00 (87.70 to 88.70): VDC

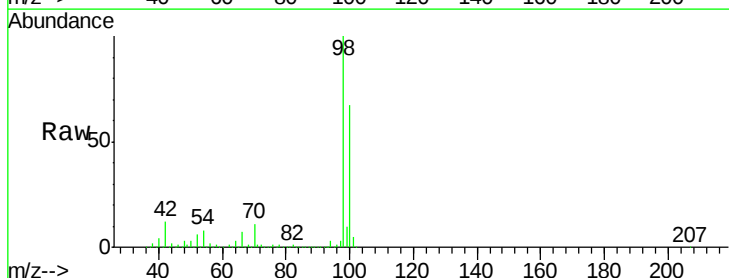
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 146.806 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

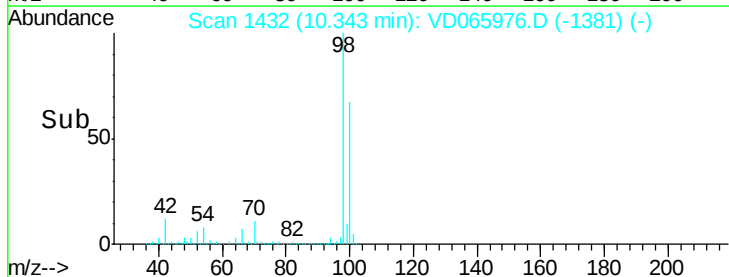
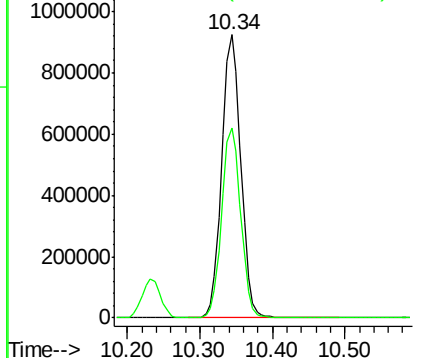
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	52.7	79.1

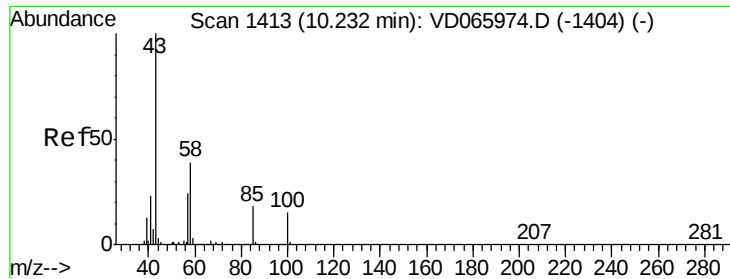


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 811.634 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1308979

Ion Ratio Lower Upper

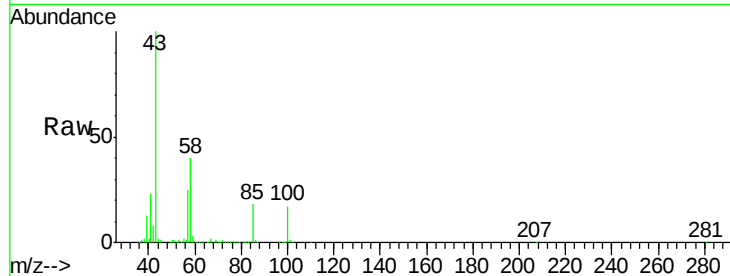
43 100

58 39.3 31.3 46.9

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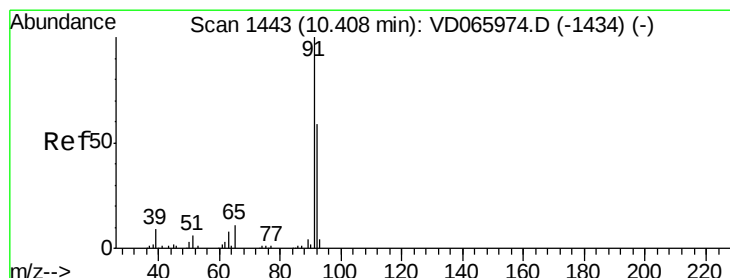
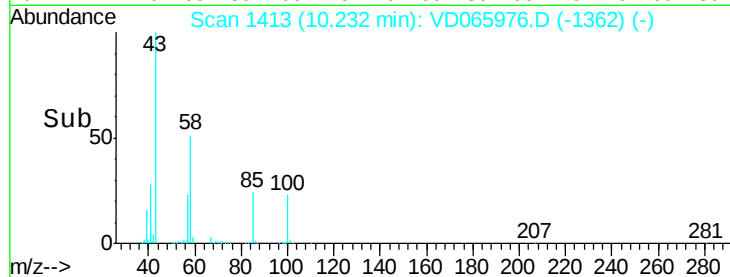
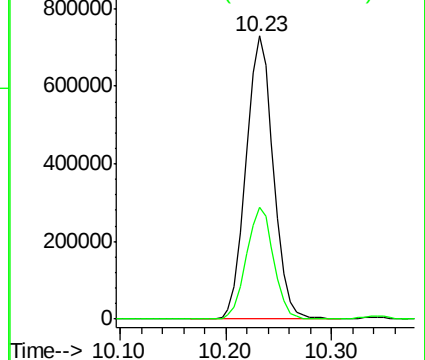
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 152.266 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065976.D

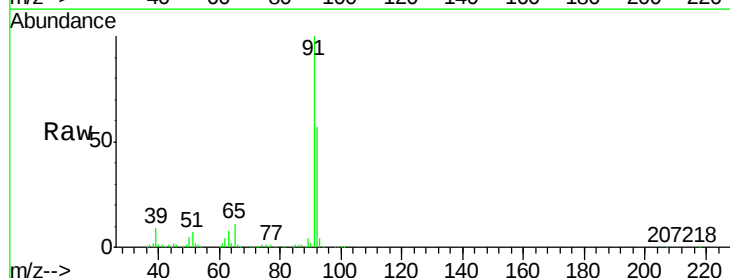
Acq: 21 Jul 2020 12:10

Tgt Ion: 92 Resp: 1216565

Ion Ratio Lower Upper

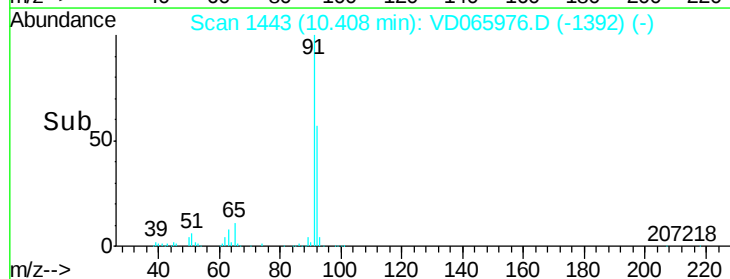
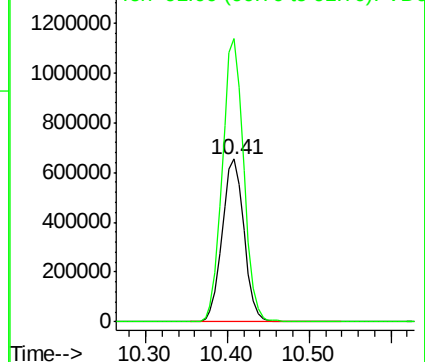
92 100

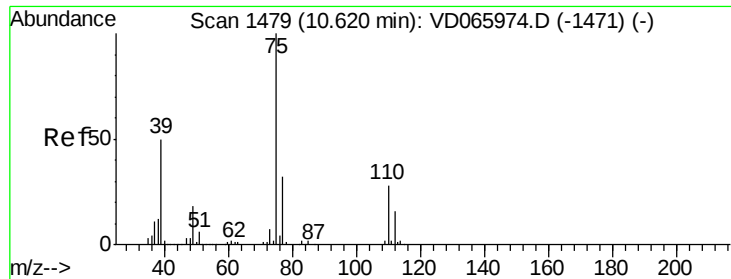
91 170.5 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





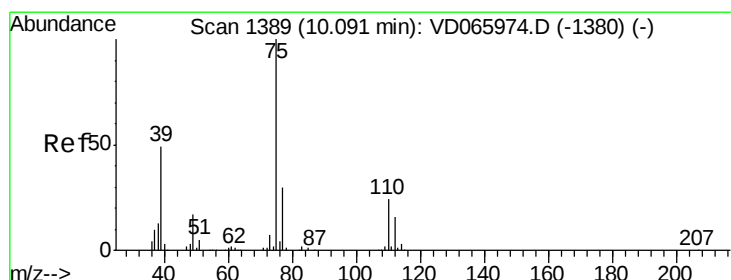
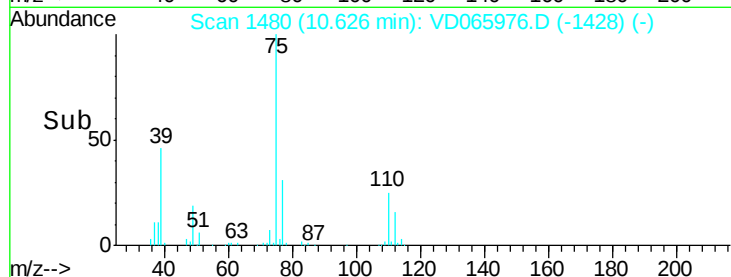
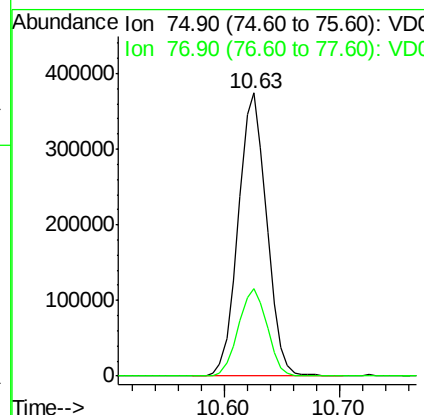
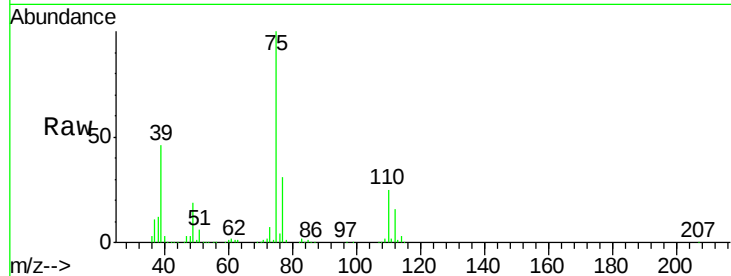
#53
 t-1,3-Dichloropropene
 Concen: 169.446 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.8	38.6

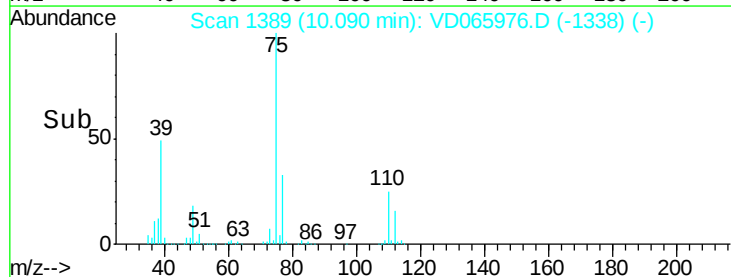
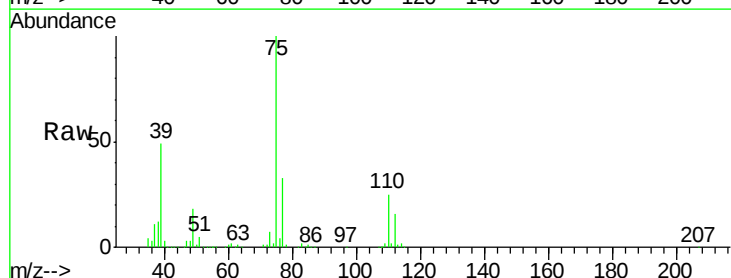
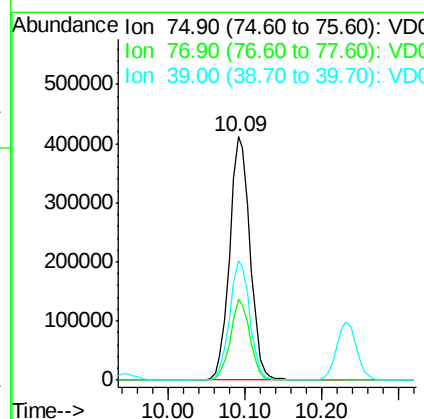
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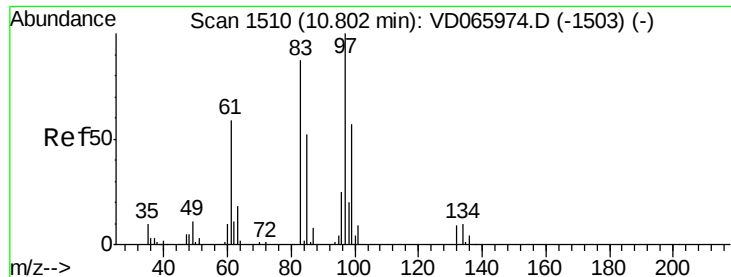
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#54
 cis-1,3-Dichloropropene
 Concen: 162.826 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.2	23.8	35.8
39	49.2	38.8	58.2





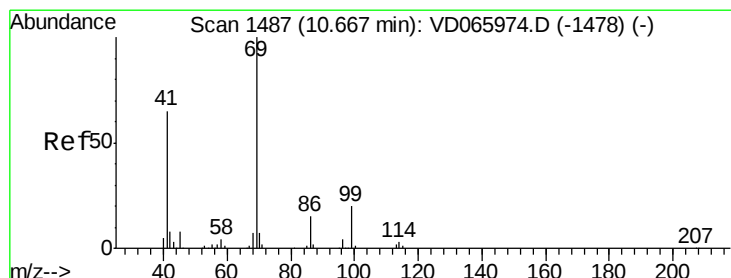
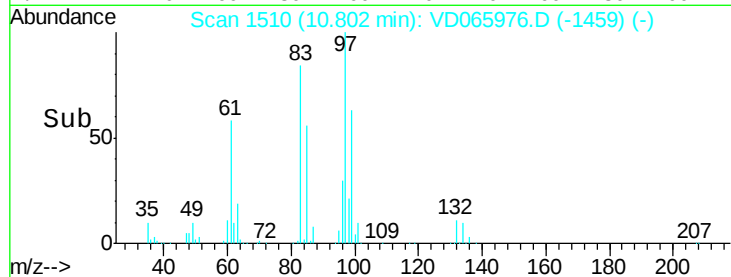
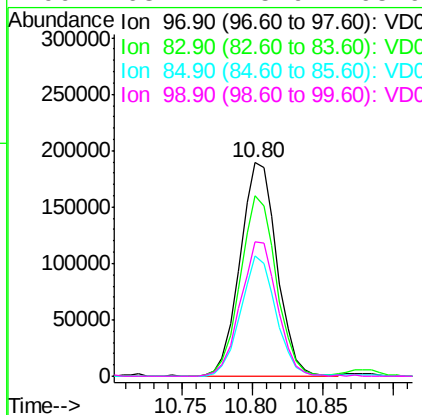
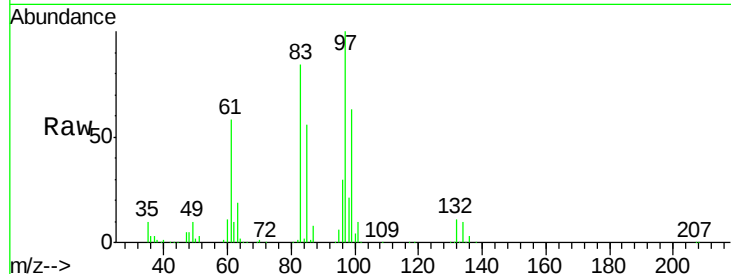
#55
 1,1,2-Trichloroethane
 Concen: 154.255 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	345717
Ion Ratio	Lower	Upper	
97	100		
83	84.4	69.7	104.5
85	56.2	41.6	62.4
99	63.1	45.9	68.9

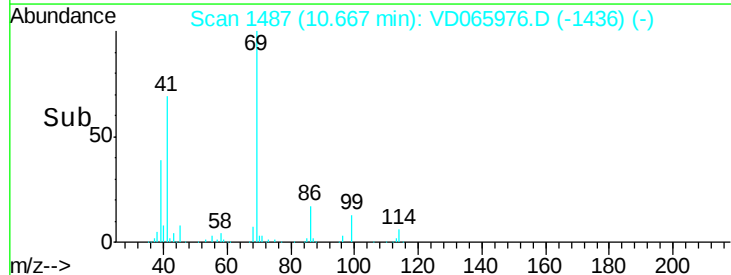
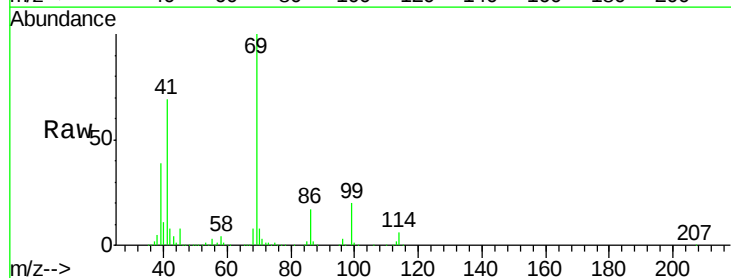
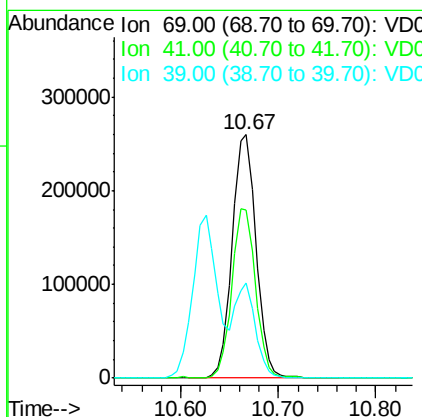
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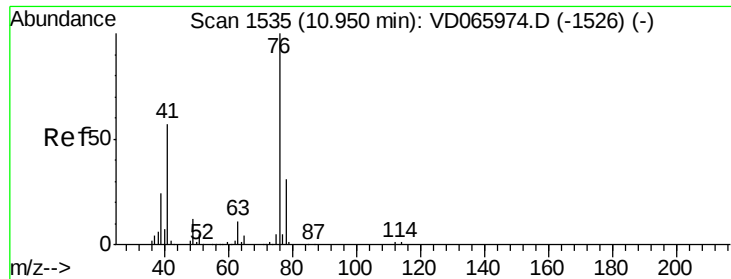
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#56
 Ethyl methacrylate
 Concen: 175.992 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion:	69	Resp:	443283
Ion Ratio	Lower	Upper	
69	100		
41	69.0	52.3	78.5
39	33.3	25.2	37.8





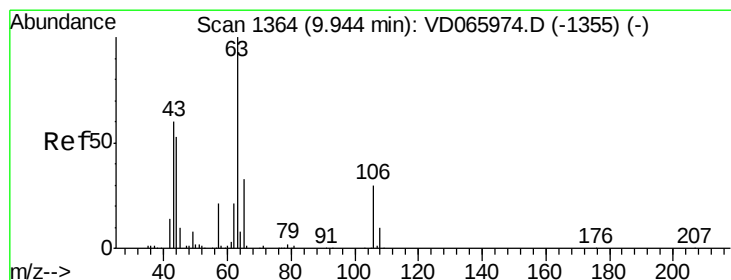
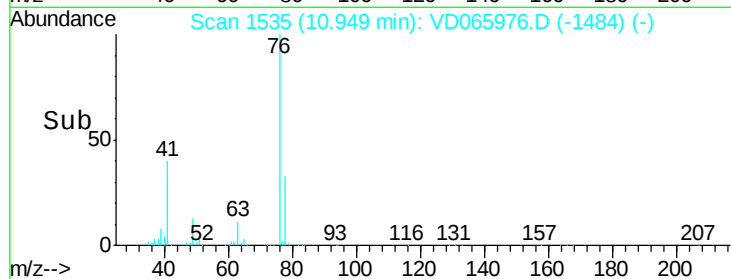
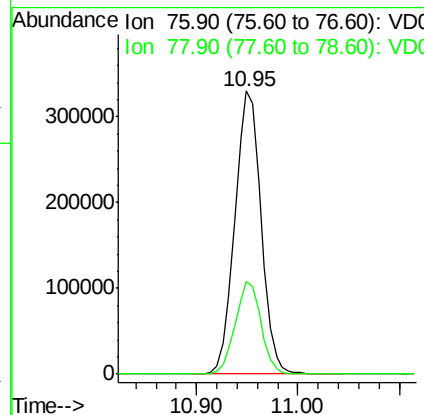
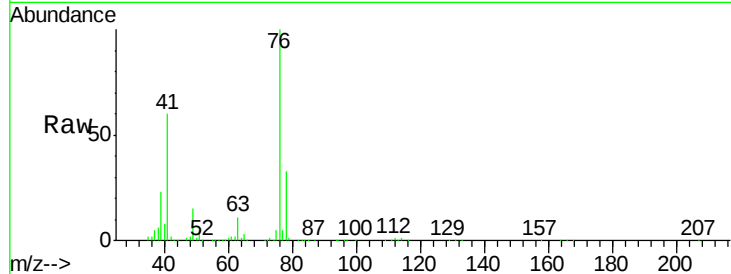
#57
 1,3-Dichloropropane
 Concen: 158.637 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion: 76 Resp: 591504
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4

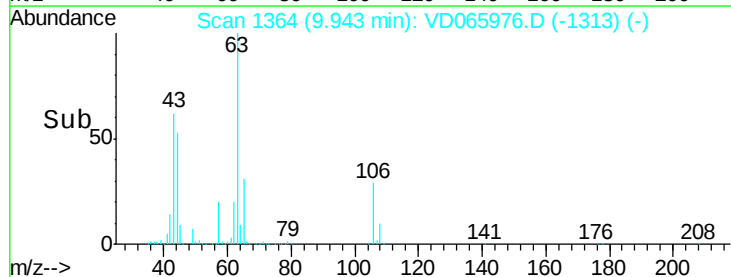
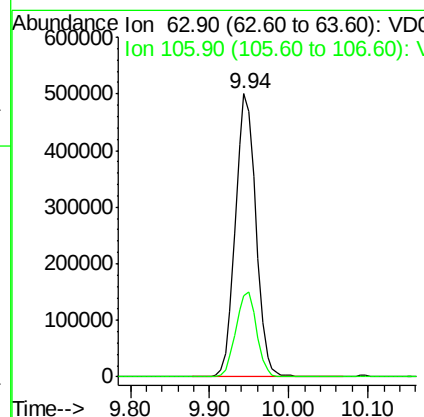
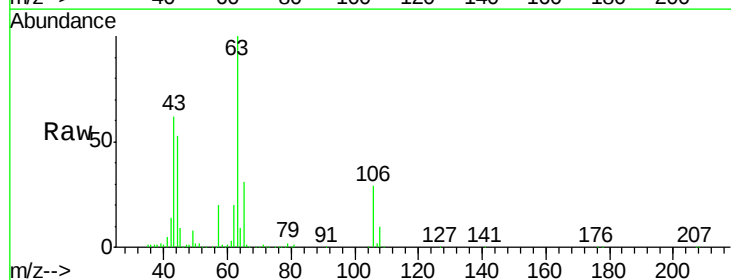
Manual Integrations
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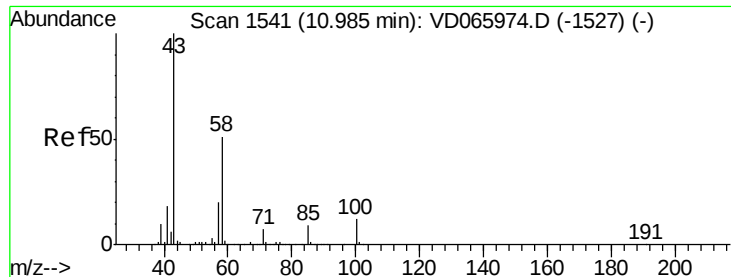
MMDadoda
 7/22/2020 2:44:27 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 730.242 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Tgt Ion: 63 Resp: 897739
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.4 36.6





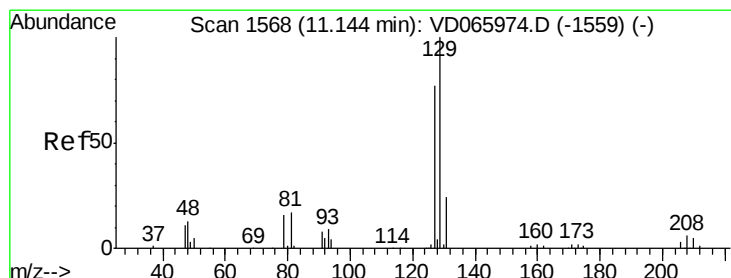
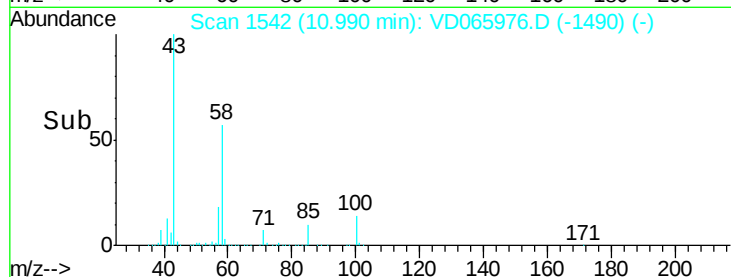
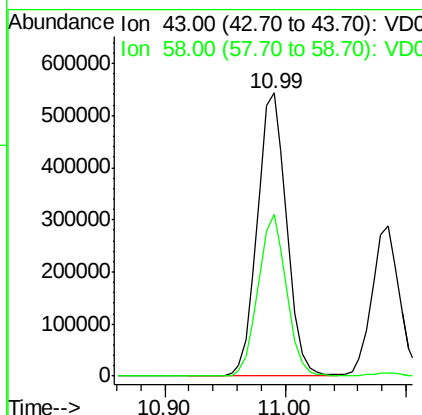
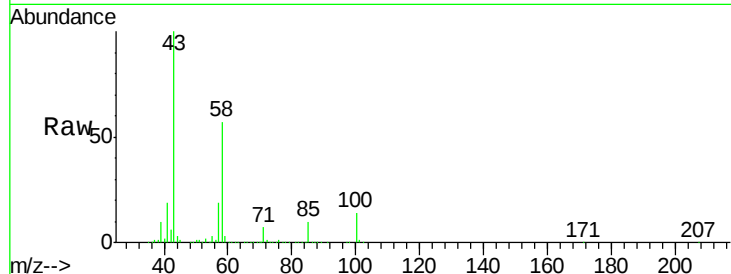
#59
2-Hexanone
Concen: 829.381 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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

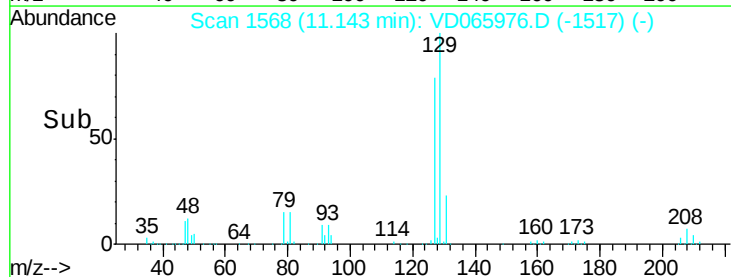
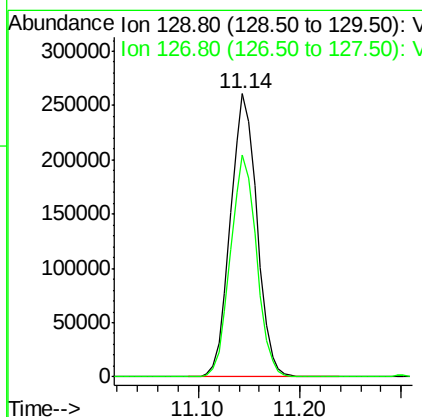
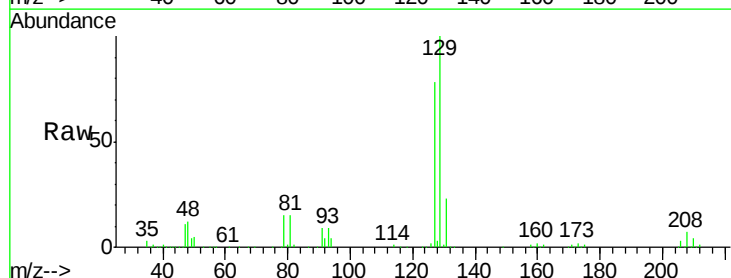
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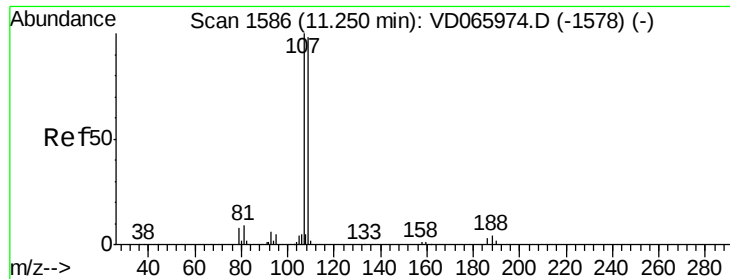
MMDadoda
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#60
Dibromochloromethane
Concen: 156.391 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

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





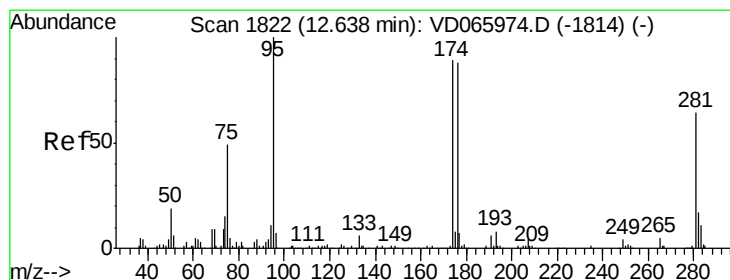
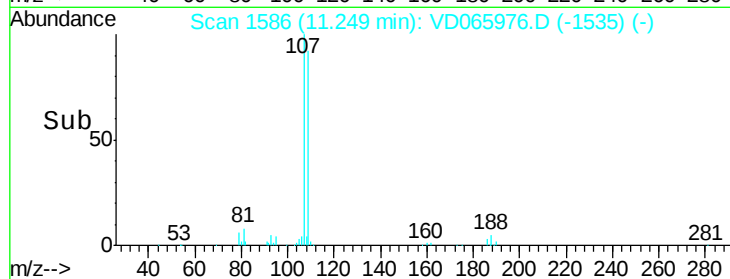
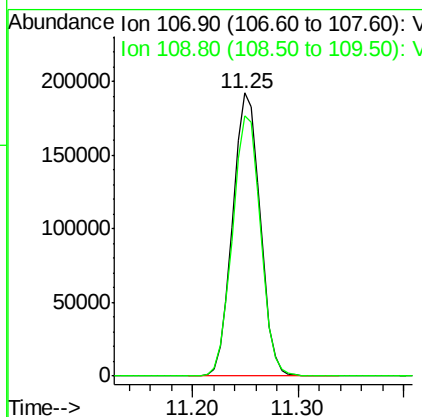
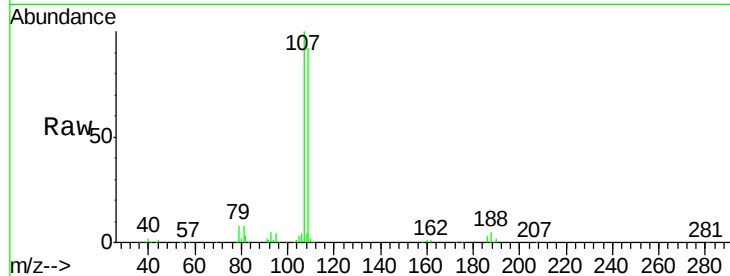
#61
 1,2-Dibromoethane
 Concen: 159.261 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.0	112.4

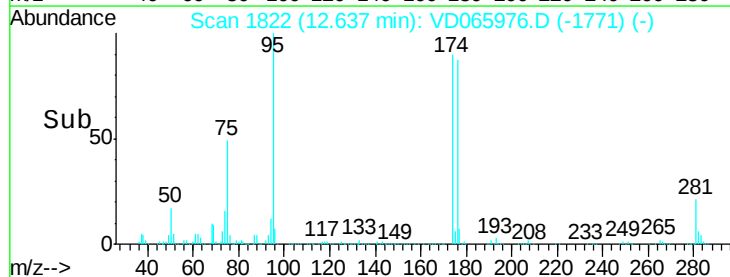
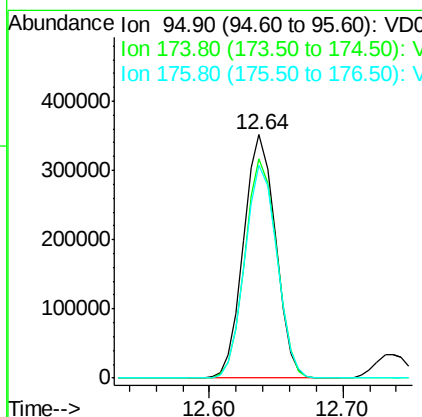
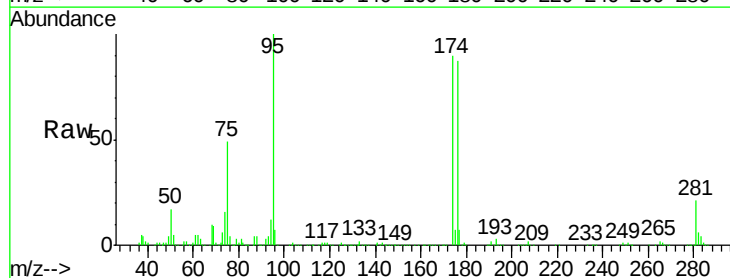
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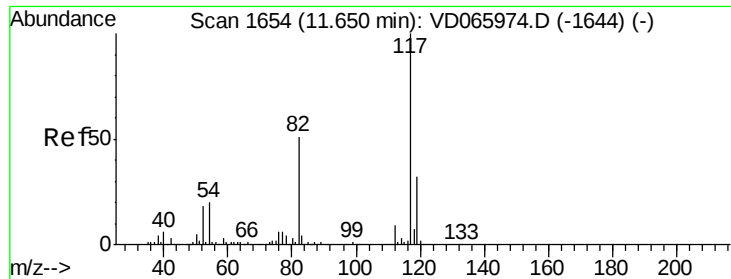
MMDadoda
 7/22/2020 2:44:27 PM



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

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





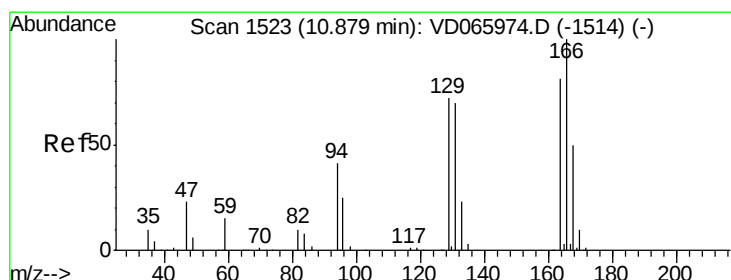
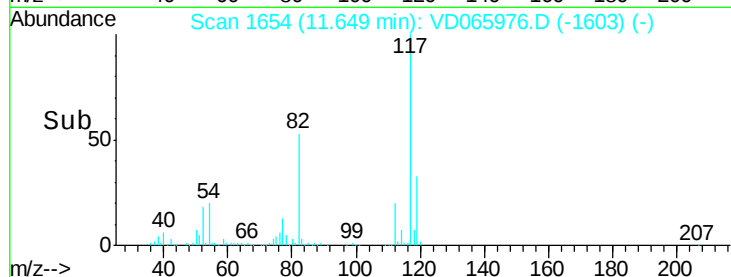
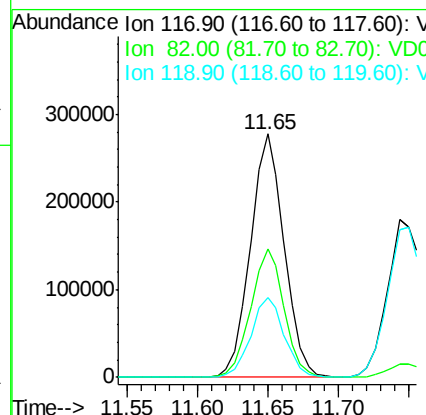
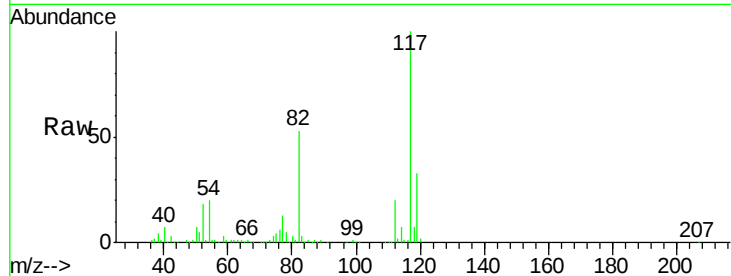
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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

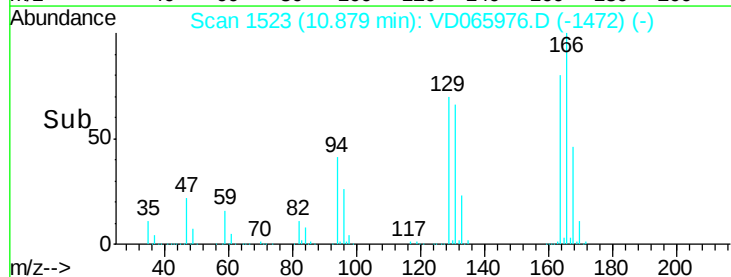
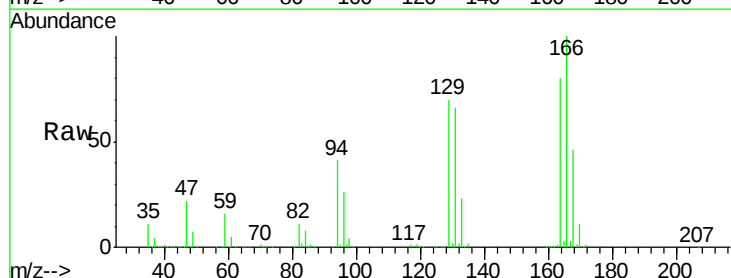
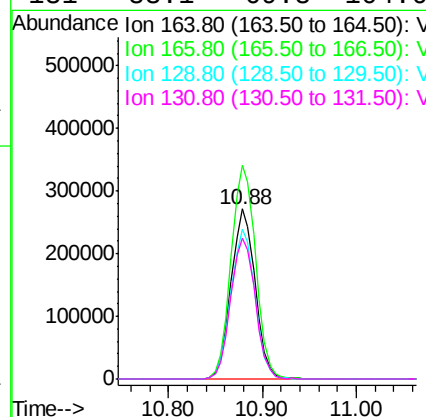
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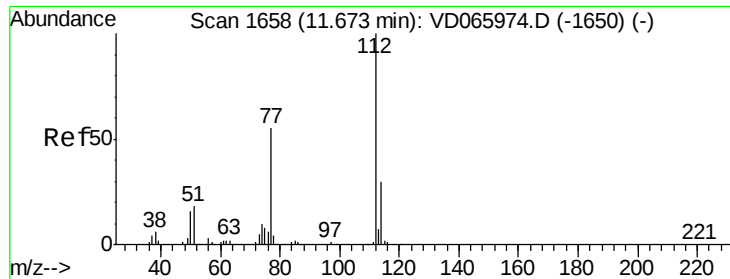
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#64
Tetrachloroethene
Concen: 151.678 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

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





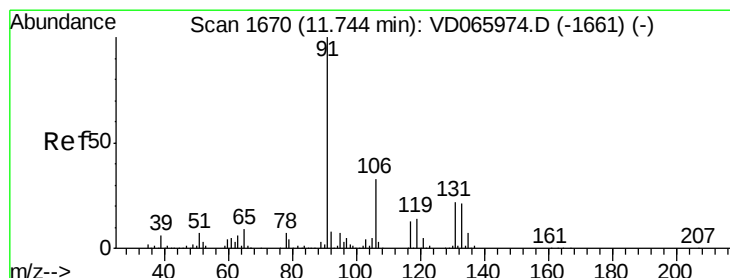
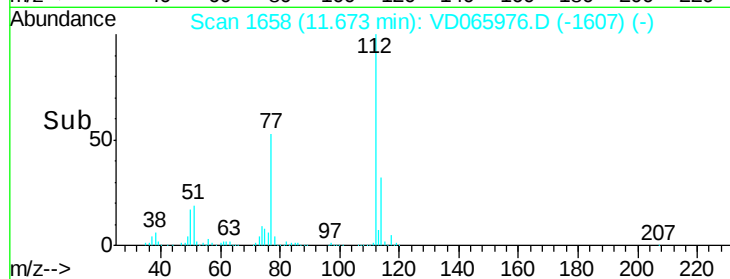
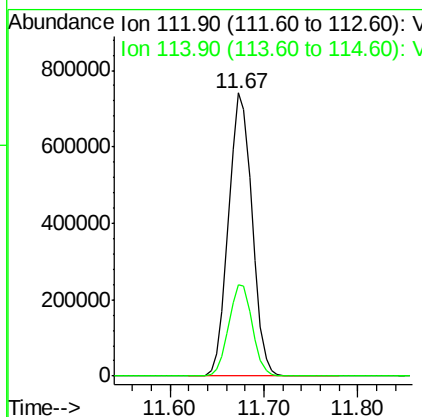
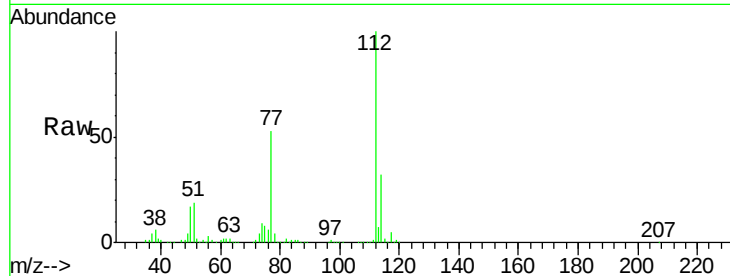
#65
Chlorobenzene
Concen: 150.823 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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

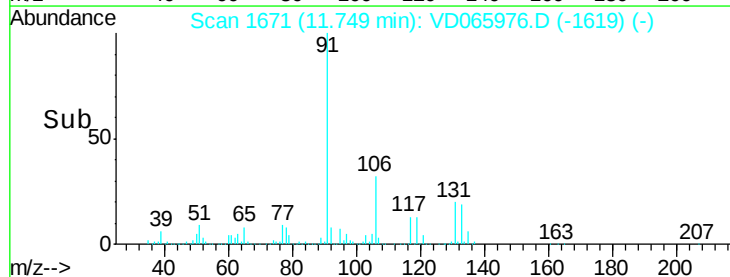
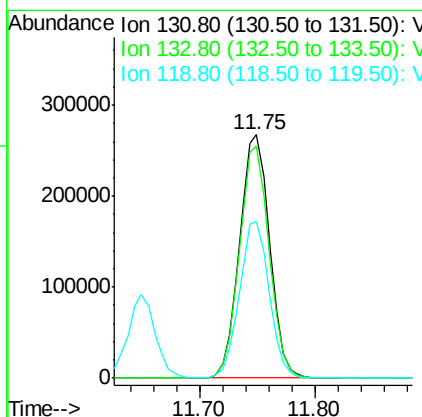
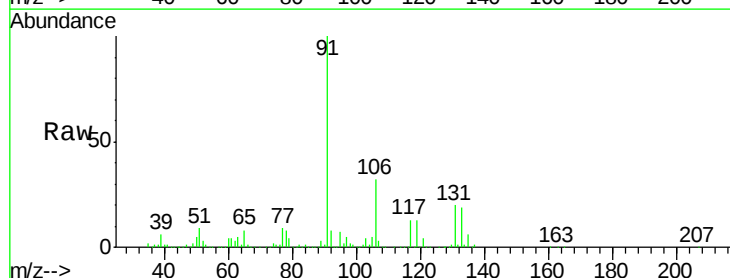
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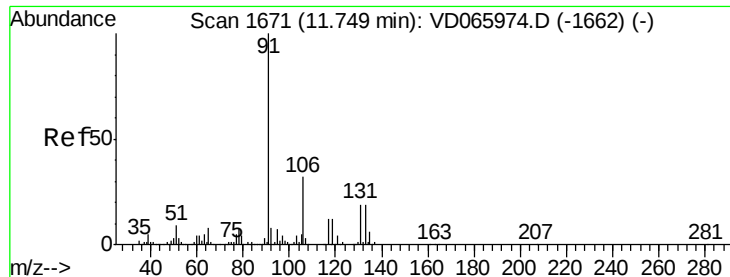
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 152.650 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

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





#67

Ethyl Benzene

Concen: 155.670 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2286821

Ion Ratio Lower Upper

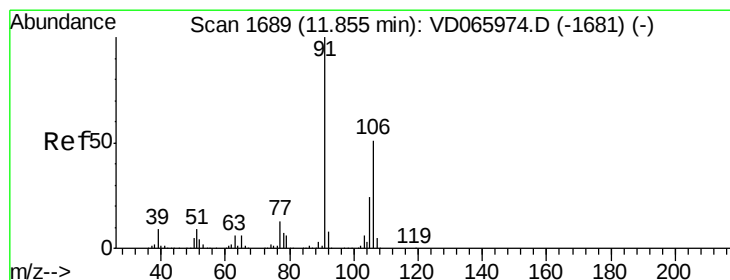
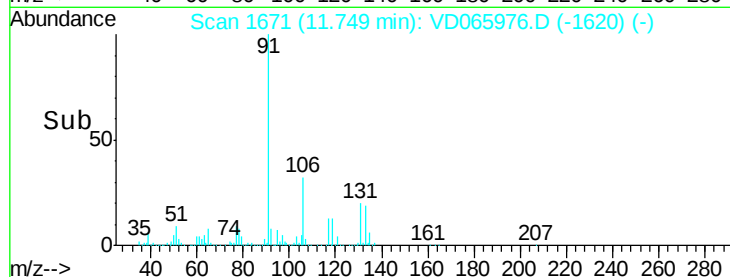
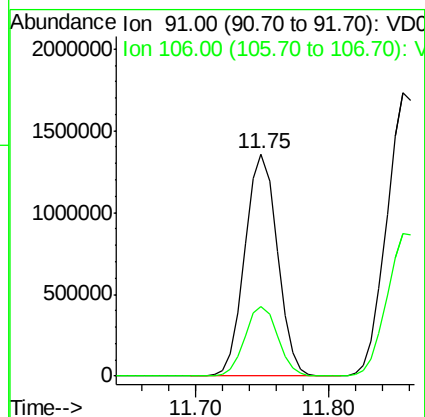
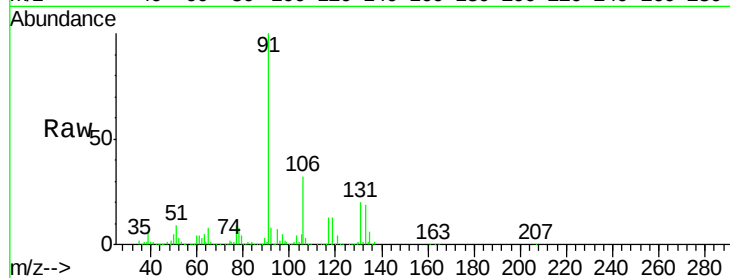
91 100

106 31.6 25.7 38.5

Manual Integrations
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#68

m/p-Xylenes

Concen: 309.405 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065976.D

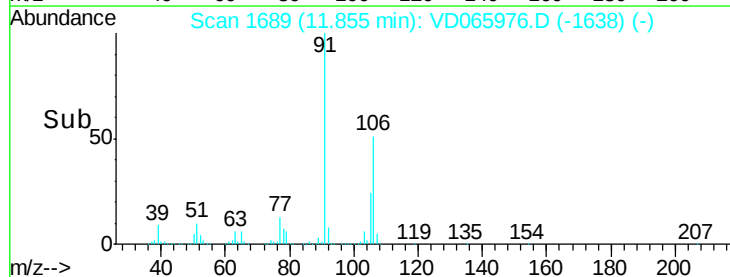
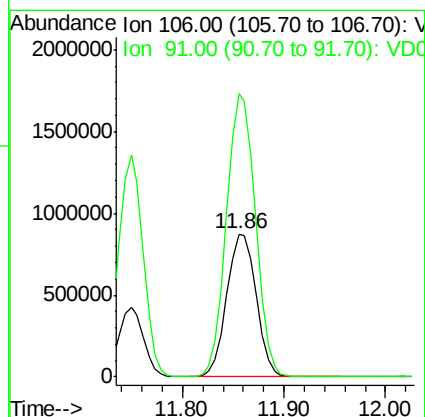
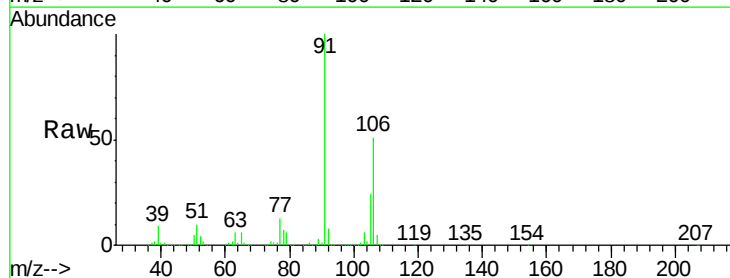
Acq: 21 Jul 2020 12:10

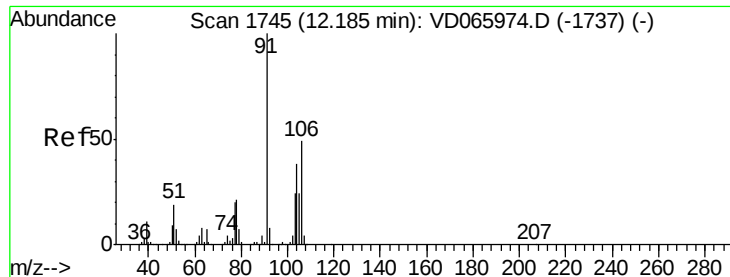
Tgt Ion: 106 Resp: 1757736

Ion Ratio Lower Upper

106 100

91 194.9 157.0 235.6





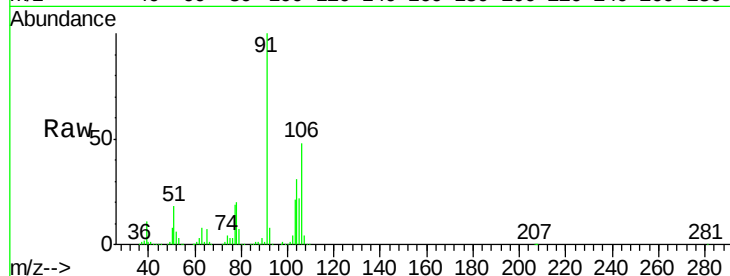
#69
o-Xylene
Concen: 160.262 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

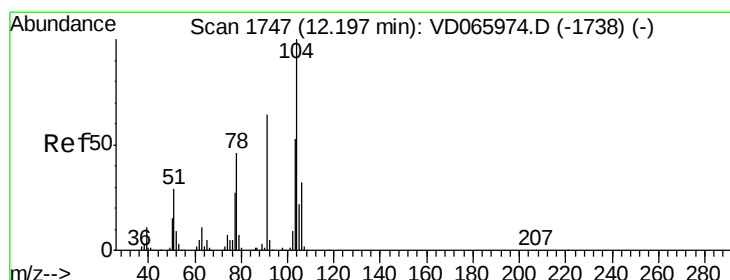
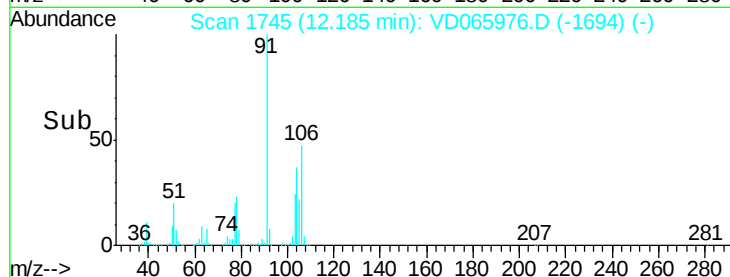
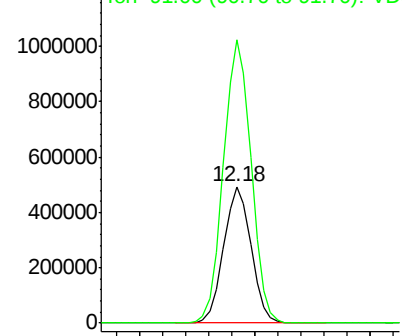
Tot Ion	Ion	Ratio	Lower	Upper
810504	106	100		
	91	209.3	103.1	309.3

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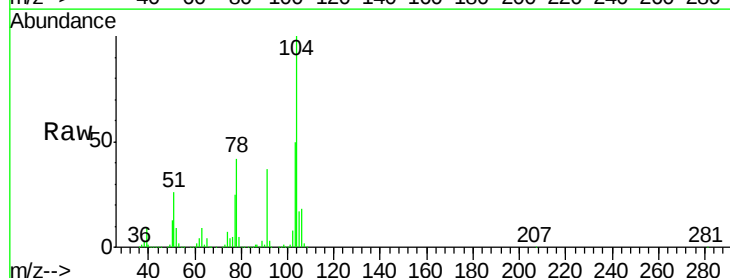


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

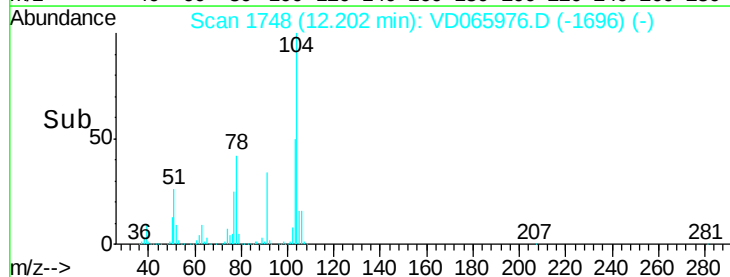
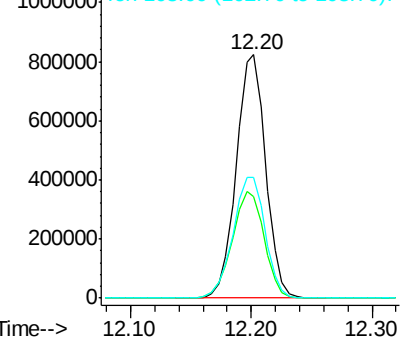


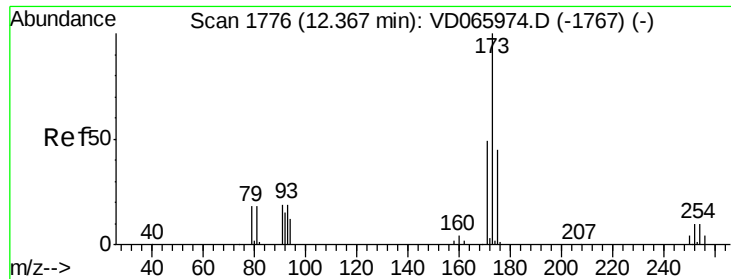
#70
Styrene
Concen: 159.908 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

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



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





#71

Bromoform

Concen: 164.525 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

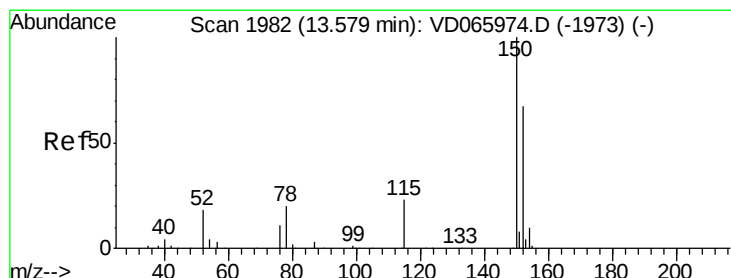
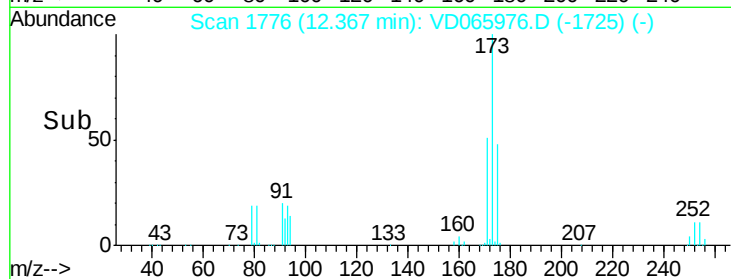
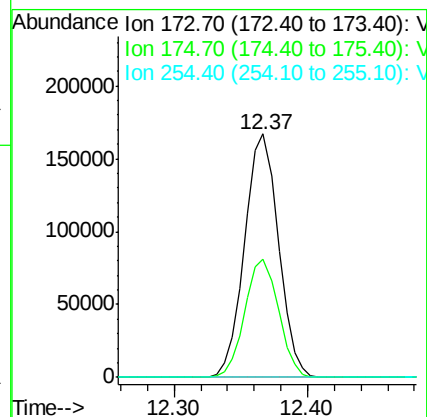
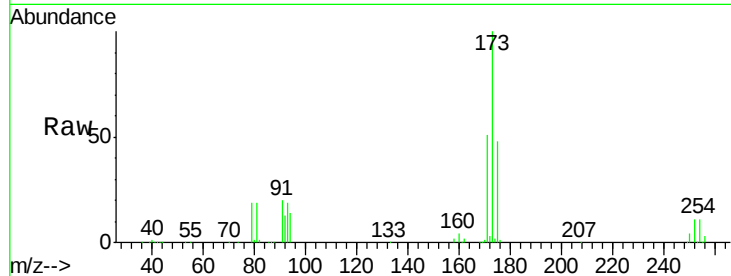
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.3
254	0.2	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

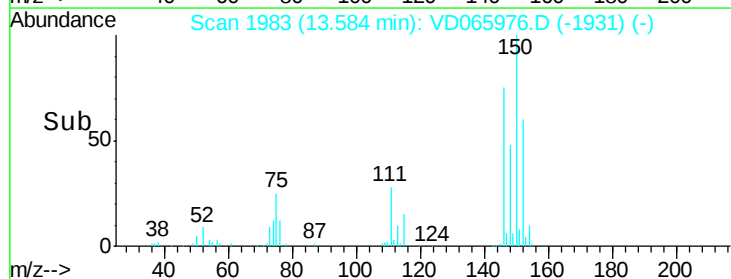
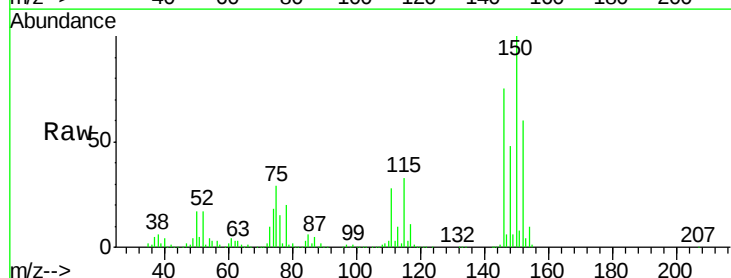
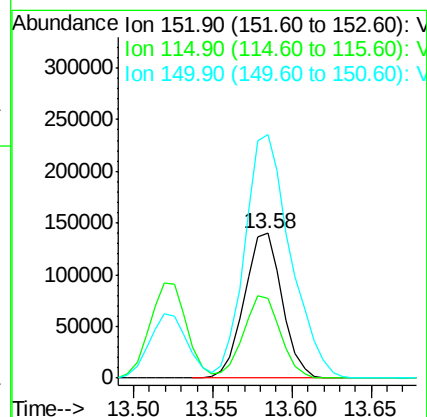
RT: 13.58 min Scan# 1983

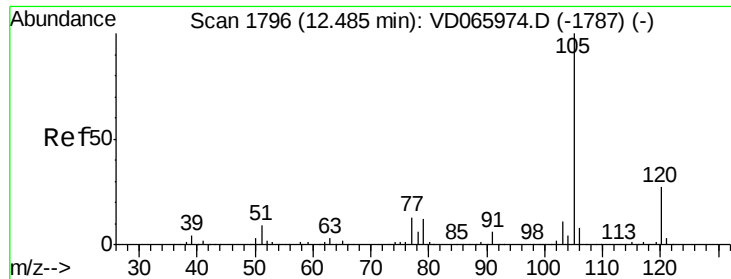
Delta R.T. 0.01 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	27.9	83.7
150	203.1	0.0	348.2





#73

Isopropylbenzene

Concen: 159.877 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2216802

Ion Ratio Lower Upper

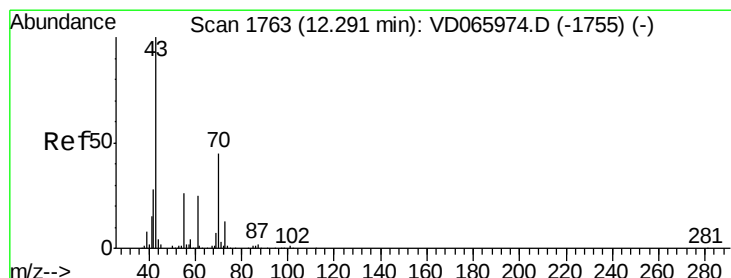
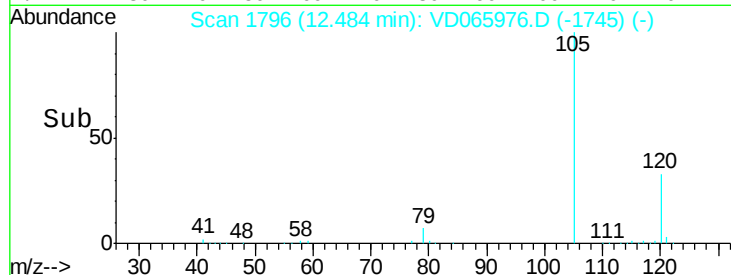
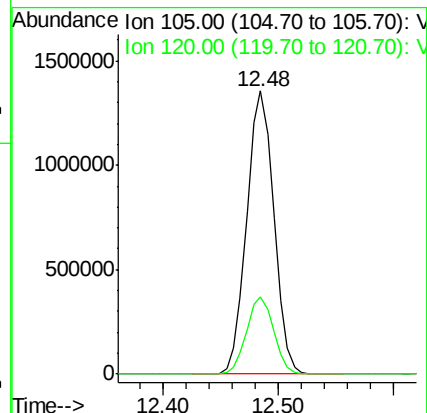
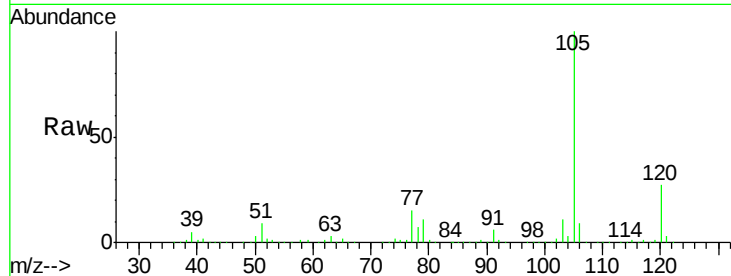
105 100

120 27.2 13.6 40.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 178.752 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Tgt Ion: 43 Resp: 498514

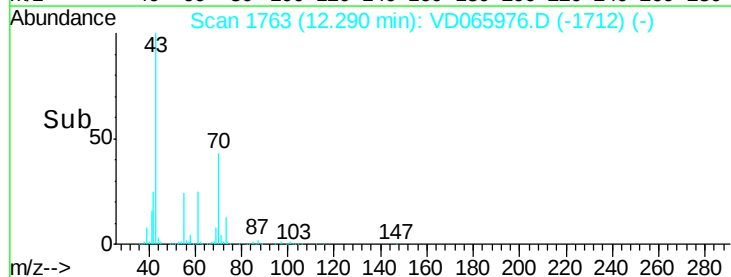
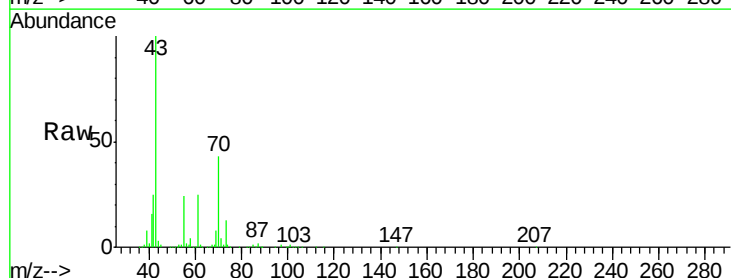
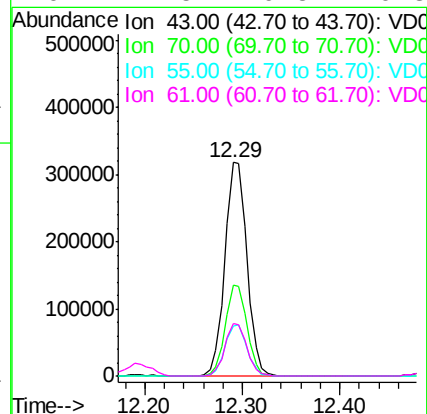
Ion Ratio Lower Upper

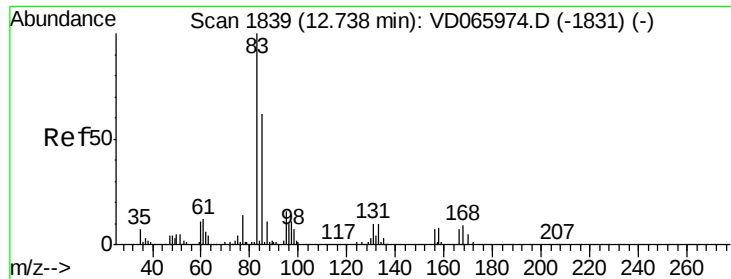
43 100

70 41.9 34.6 51.8

55 24.0 20.3 30.5

61 24.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 158.657 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

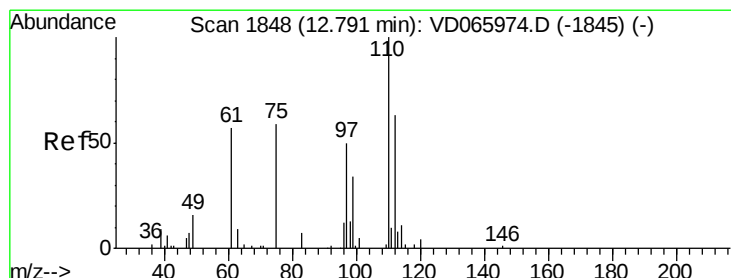
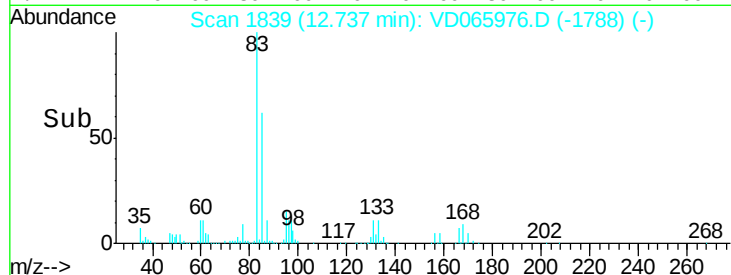
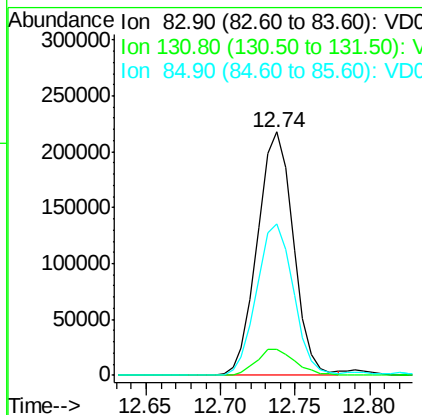
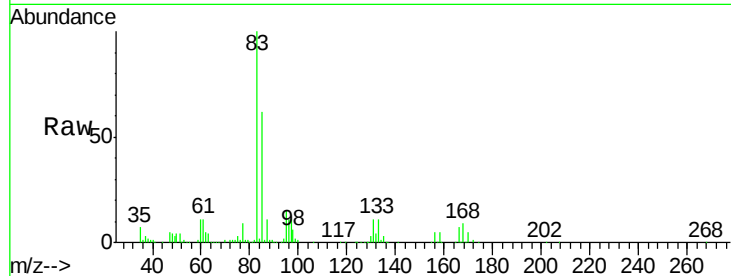
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	363856
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.7	17.1
85	63.9	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 134.903 ug/l m

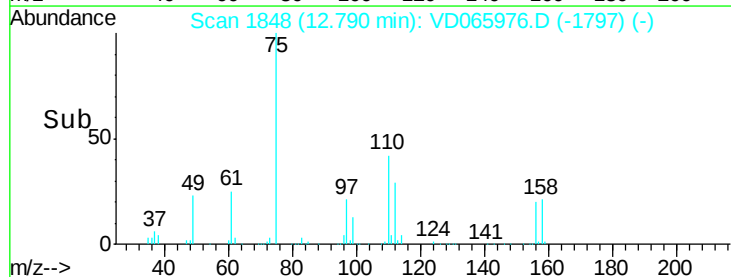
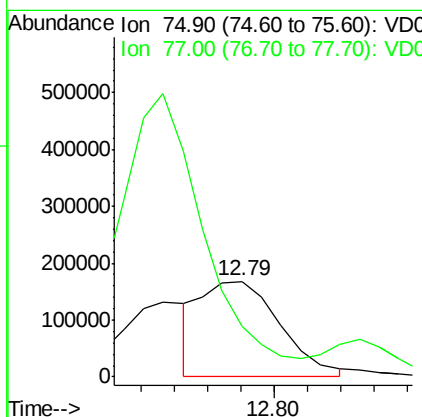
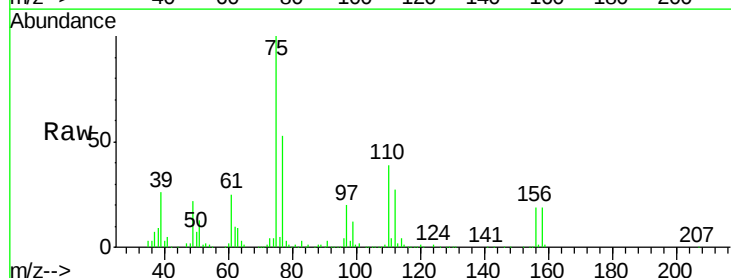
RT: 12.79 min Scan# 1848

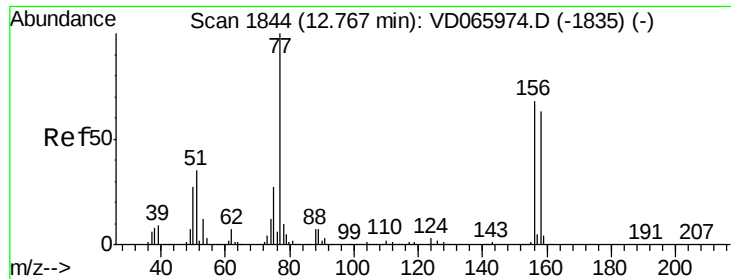
Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Tgt Ion:	75	Resp:	277569
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 156.657 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

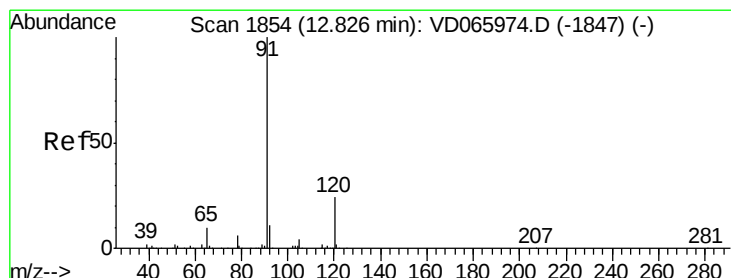
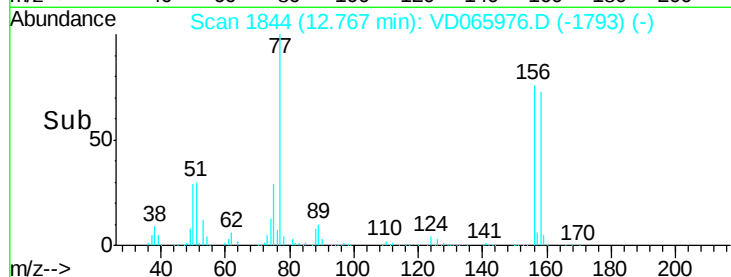
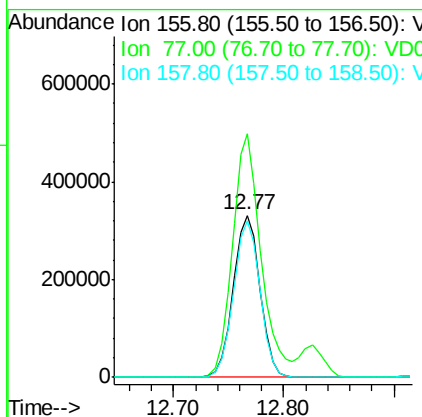
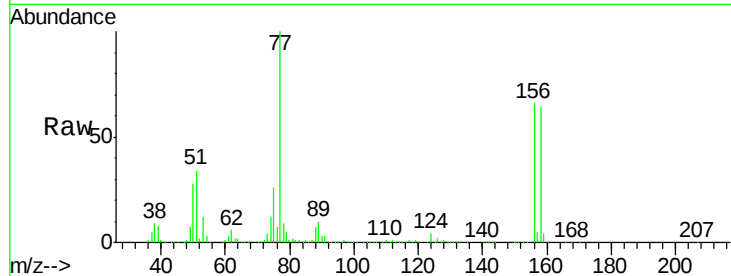
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		560724		
77	161.3	83.0	249.0		
158	96.3	48.2	144.6		

Manual Integrations
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#78

n-propylbenzene

Concen: 156.869 ug/l

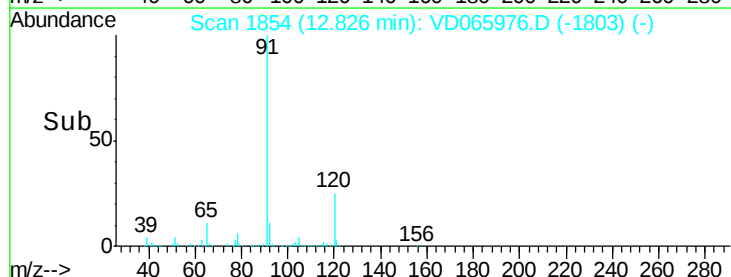
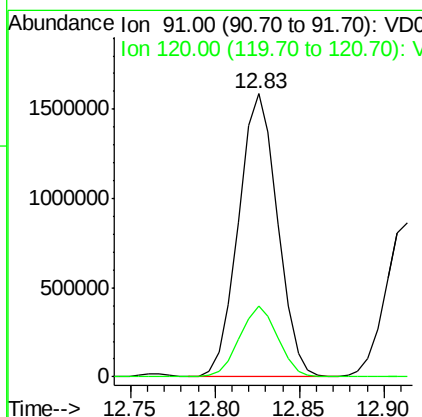
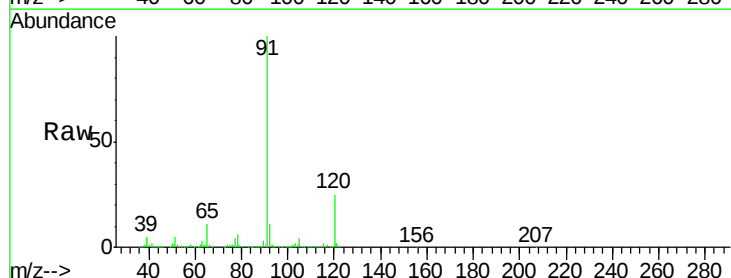
RT: 12.83 min Scan# 1854

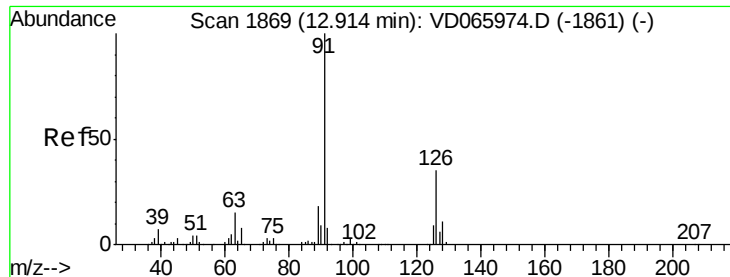
Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		2548628		
120	24.4	12.0	36.0		





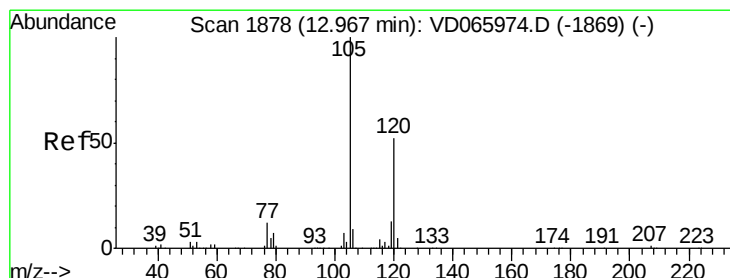
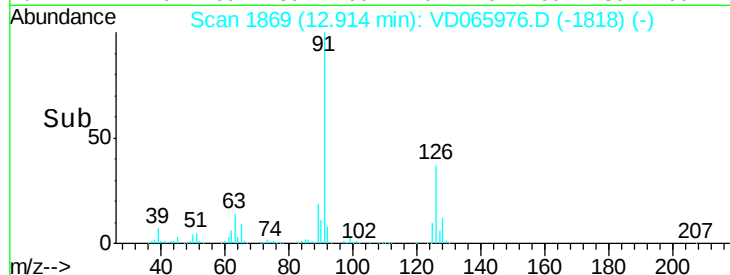
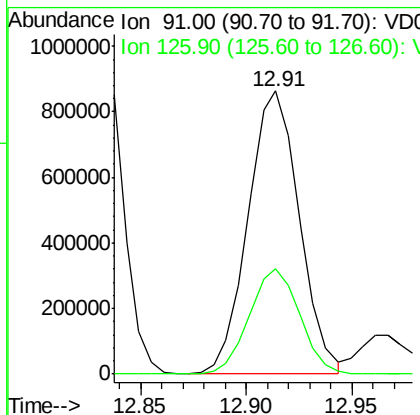
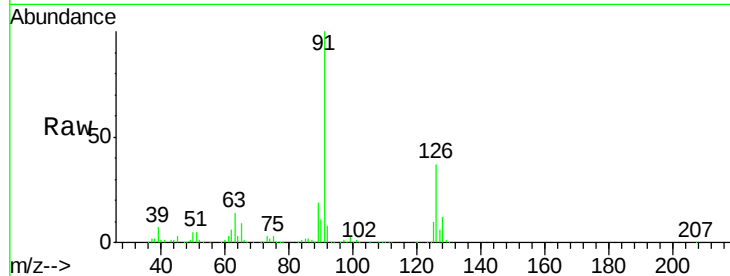
#79
2-Chlorotoluene
Concen: 156.901 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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

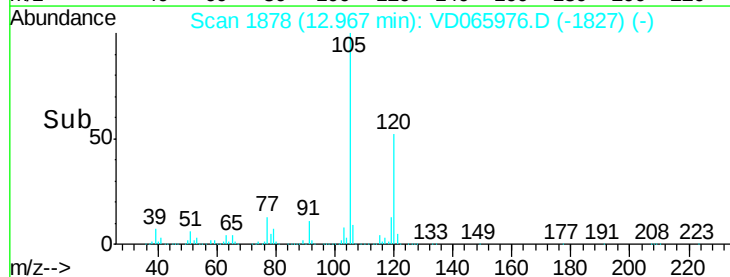
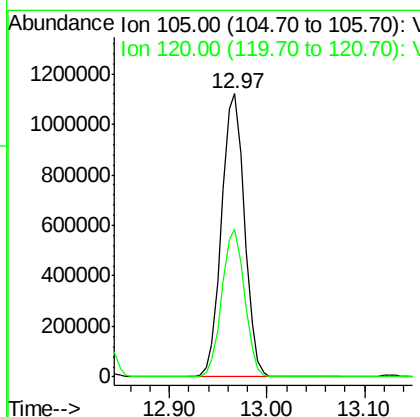
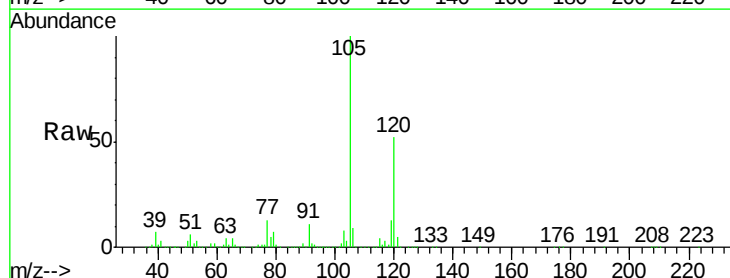
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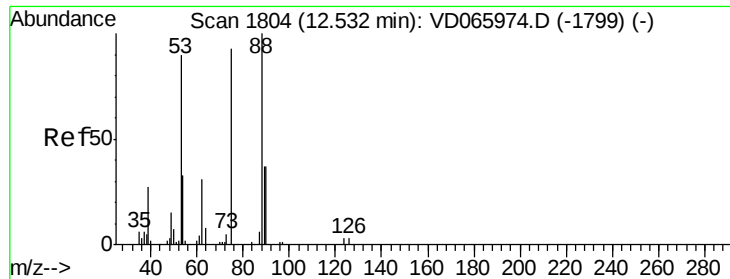
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#80
1,3,5-Trimethylbenzene
Concen: 157.726 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

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





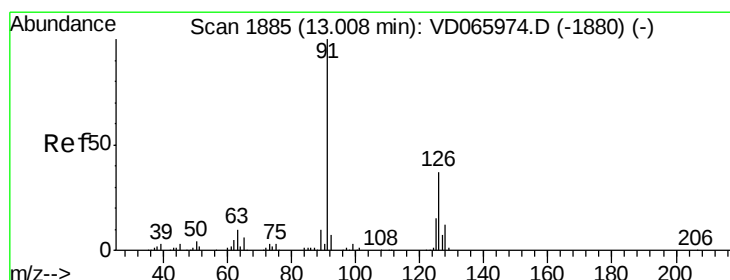
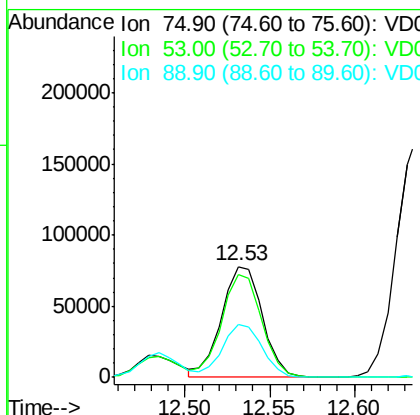
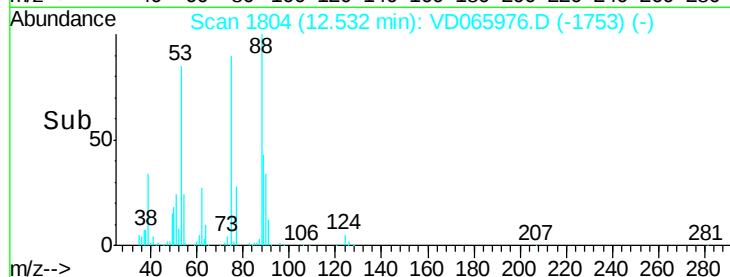
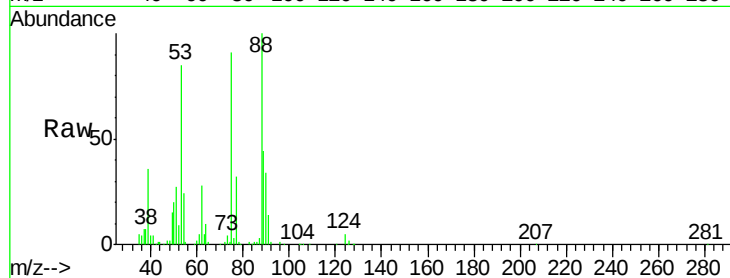
#81
trans-1,4-Dichloro-2-butene
Concen: 176.507 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.1	76.8	115.2
89	46.8	37.0	55.4

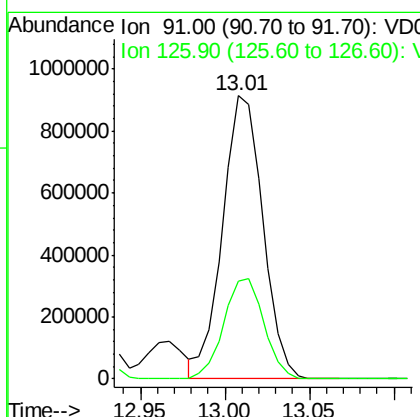
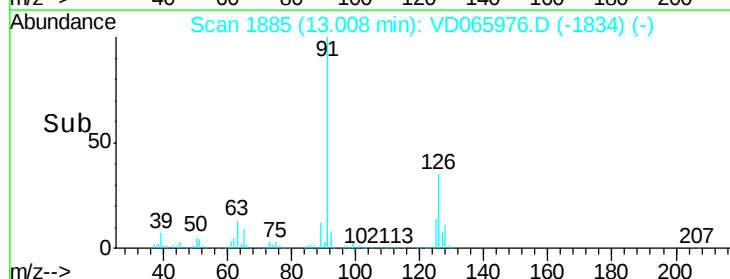
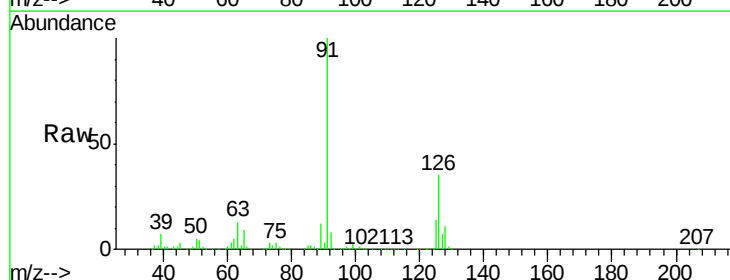
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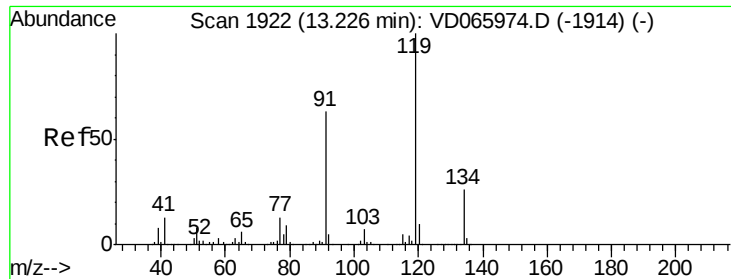
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#82
4-Chlorotoluene
Concen: 153.944 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.8	53.5





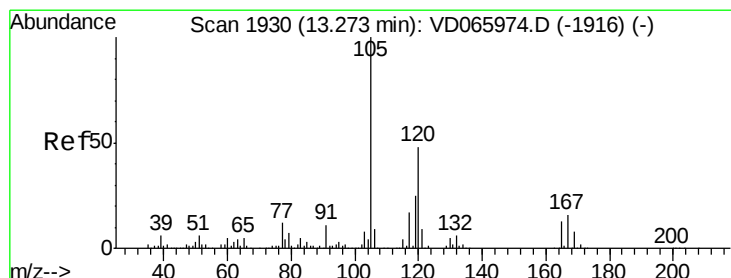
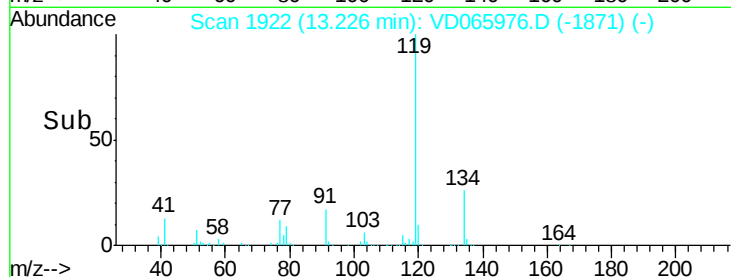
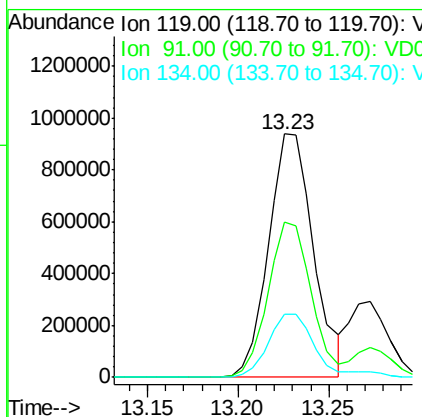
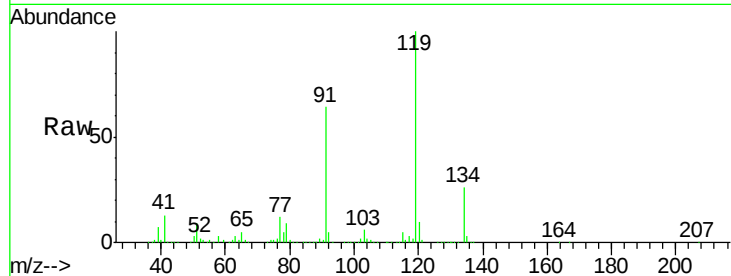
#83
tert-Butylbenzene
Concen: 161.667 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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

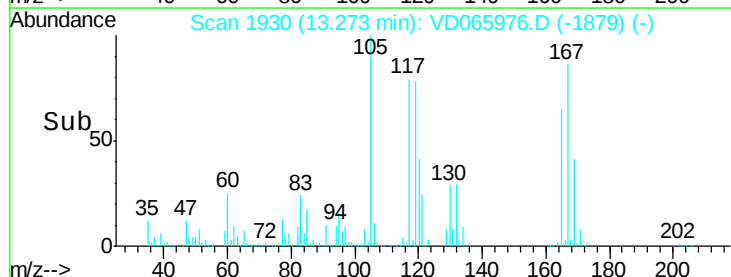
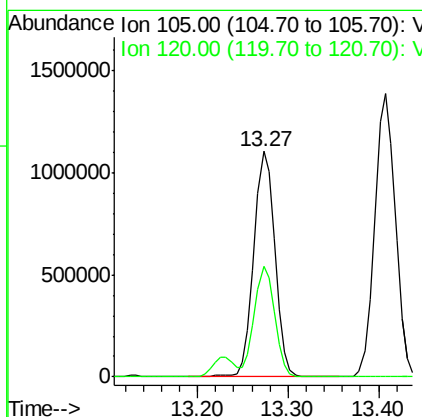
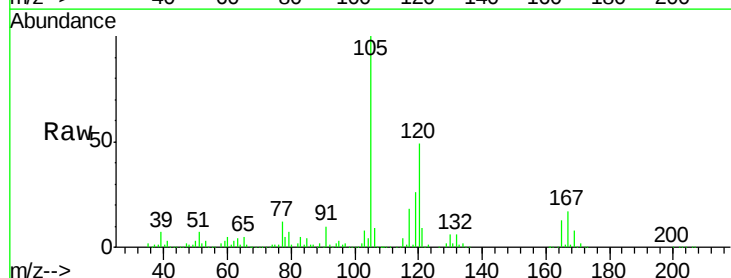
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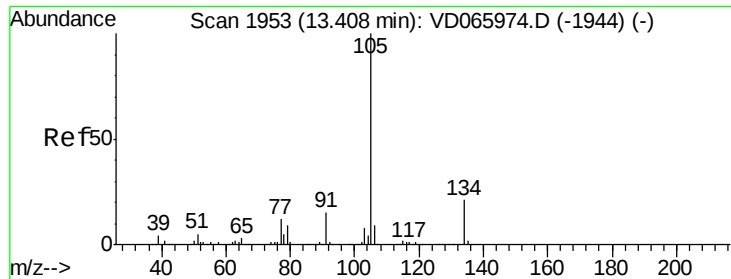
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#84
1,2,4-Trimethylbenzene
Concen: 157.421 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

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





#85

sec-Butylbenzene

Concen: 158.560 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2198969

Ion Ratio Lower Upper

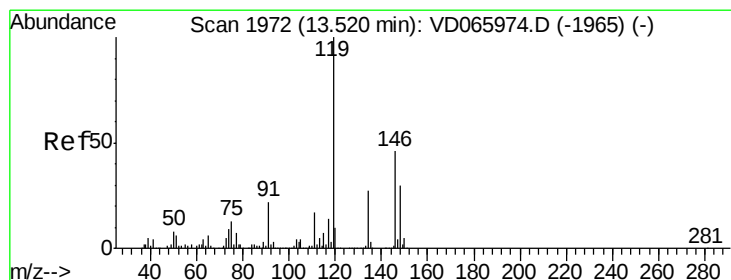
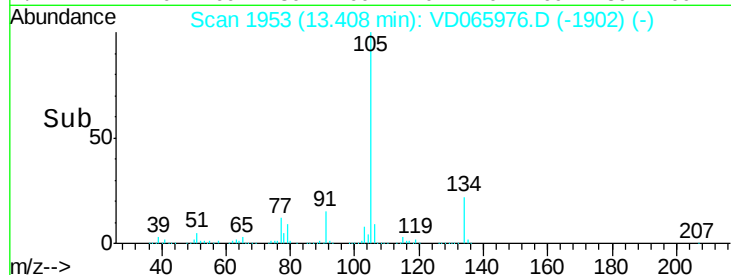
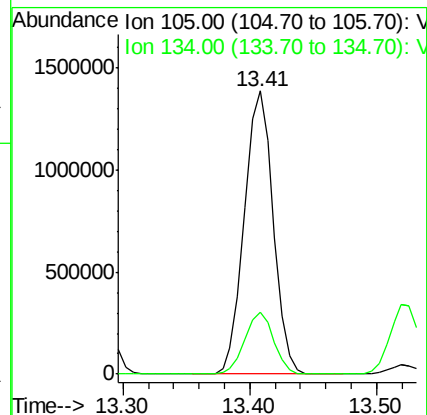
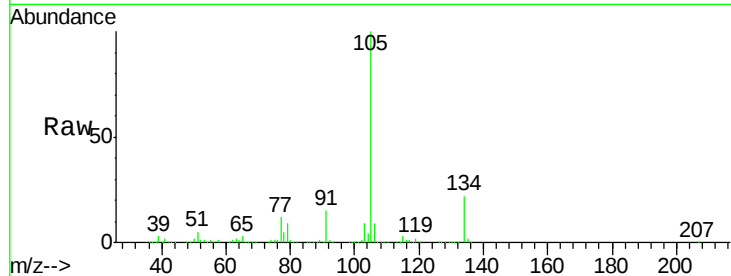
105 100

134 21.6 10.4 31.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 158.873 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

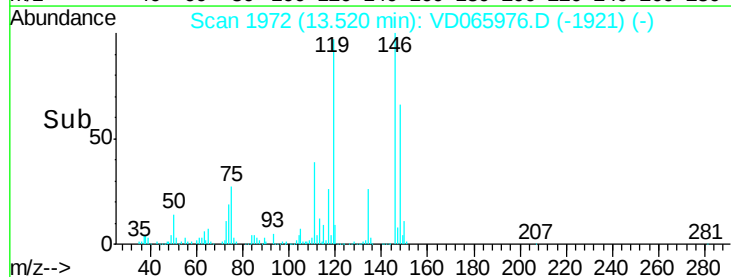
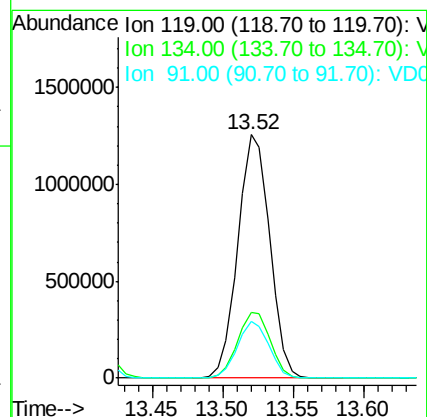
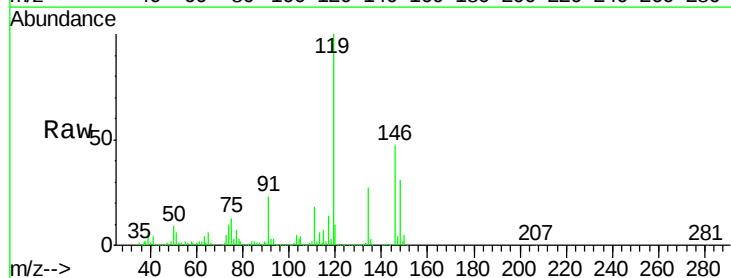
Tgt Ion:119 Resp: 1983947

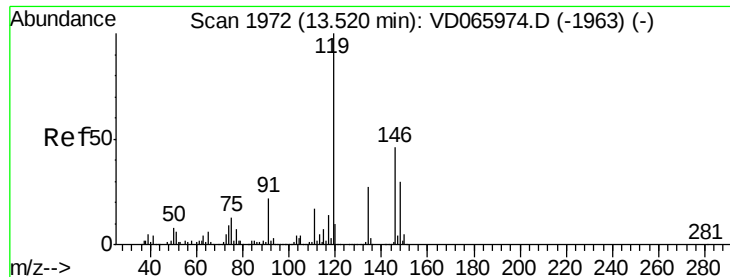
Ion Ratio Lower Upper

119 100

134 27.7 13.4 40.2

91 22.8 11.1 33.3





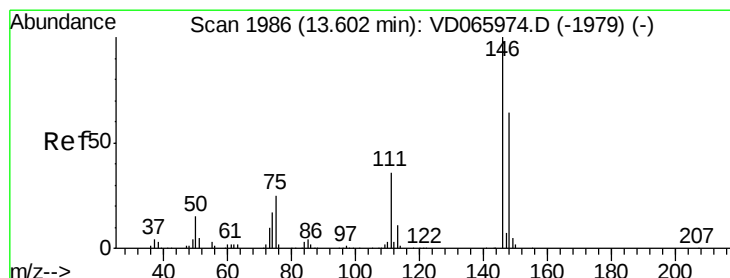
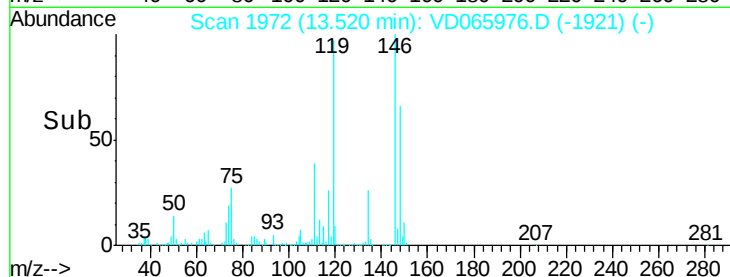
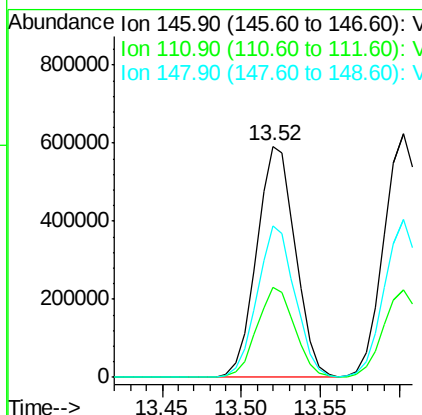
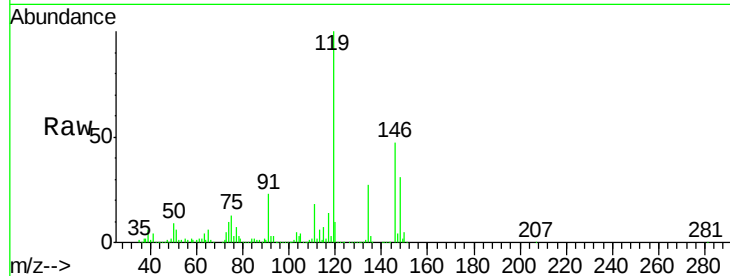
#87
 1,3-Dichlorobenzene
 Concen: 148.457 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.6
148	64.3	32.4	97.0

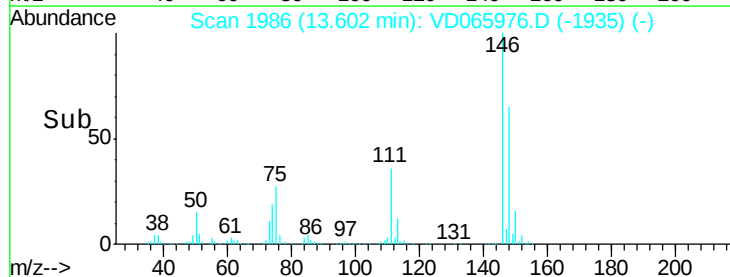
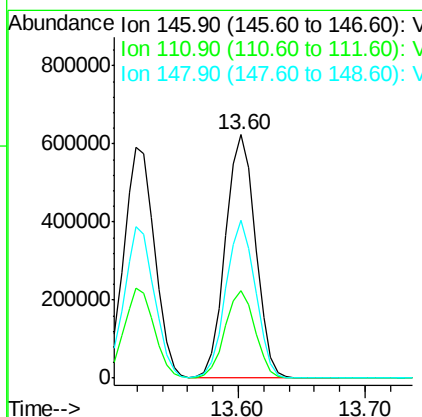
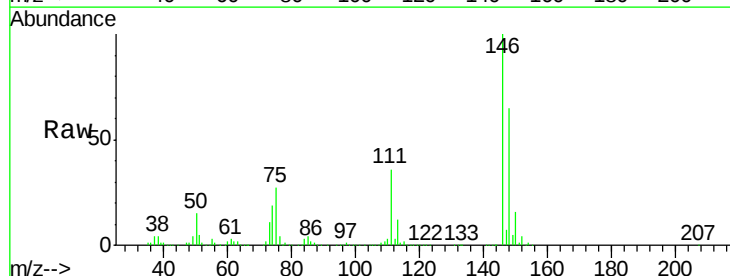
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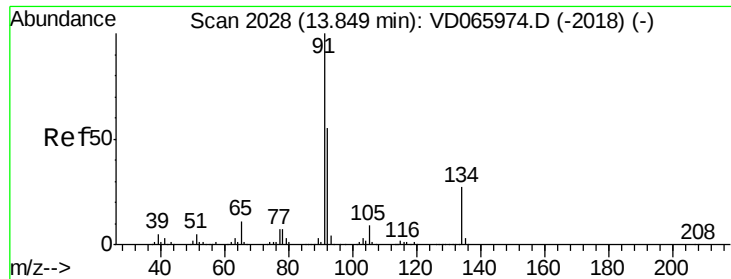
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#88
 1,4-Dichlorobenzene
 Concen: 150.462 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

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





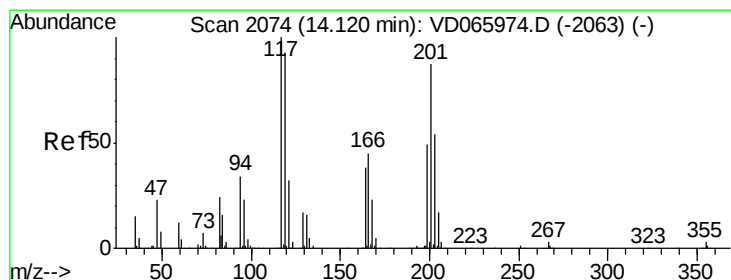
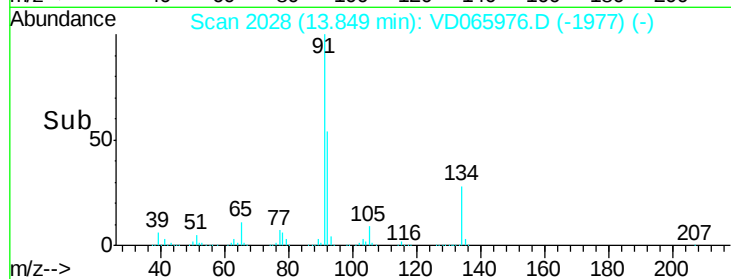
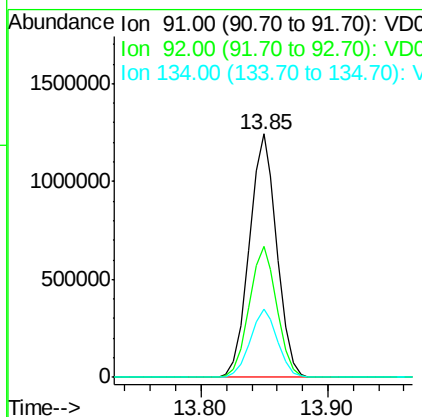
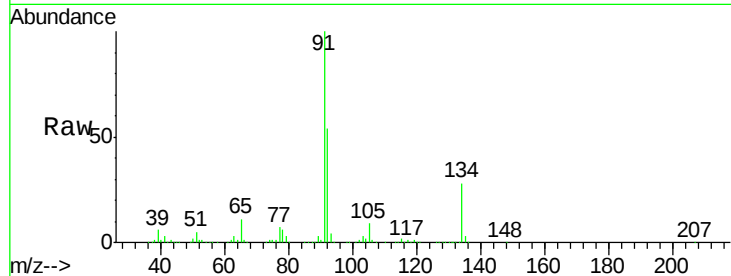
#89
n-Butylbenzene
Concen: 161.575 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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

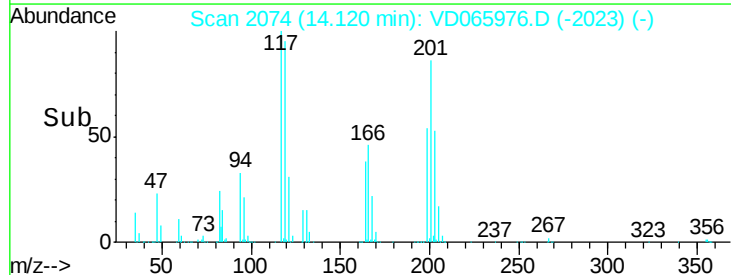
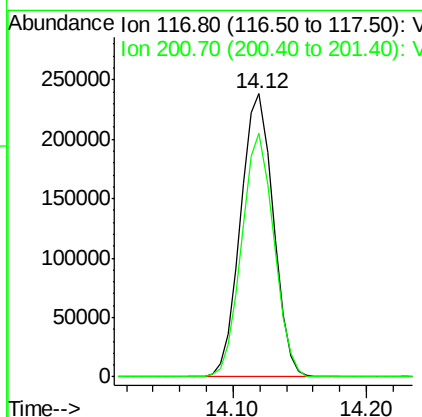
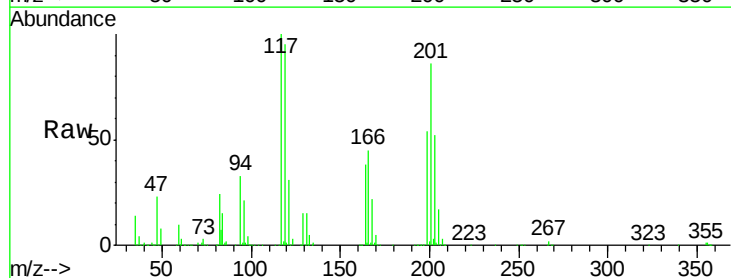
Manual Integrations
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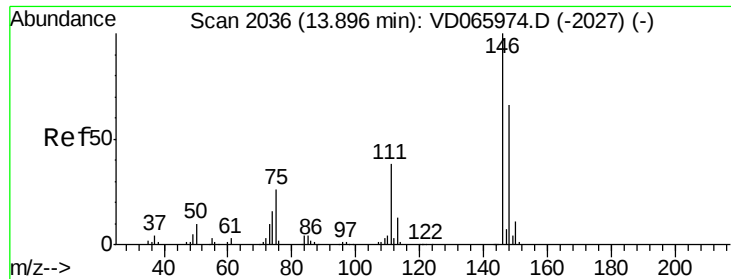
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#90
Hexachloroethane
Concen: 157.728 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065976.D
Acq: 21 Jul 2020 12:10

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





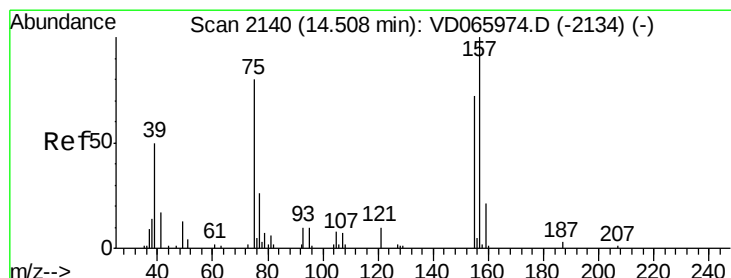
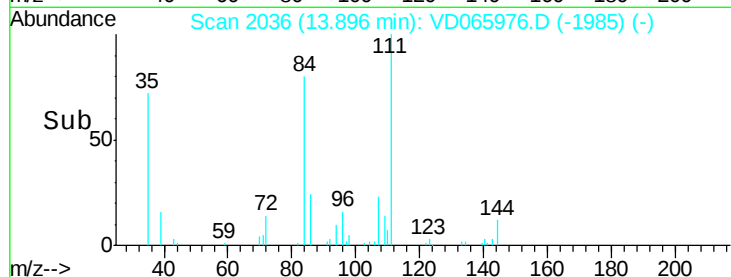
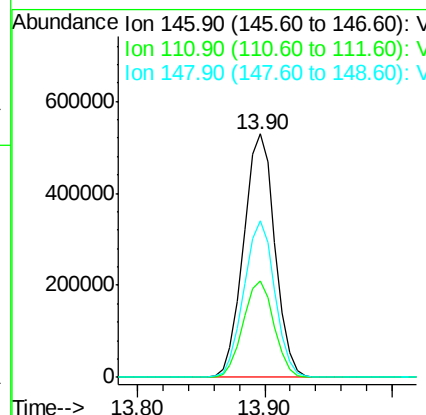
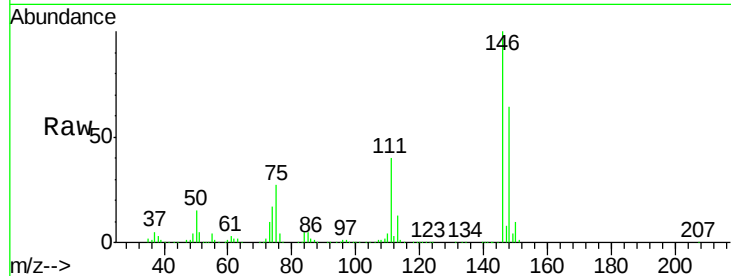
#91
 1,2-Dichlorobenzene
 Concen: 156.103 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.3	57.9
148	63.7	32.7	98.1

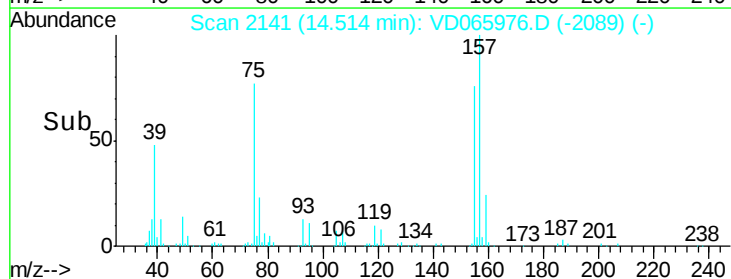
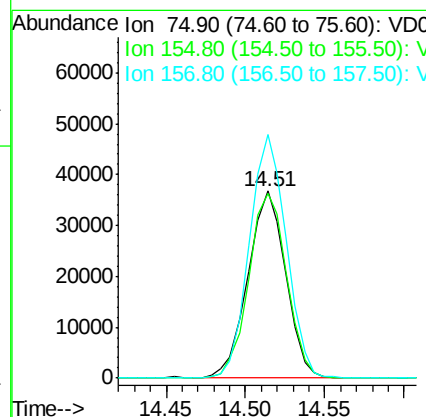
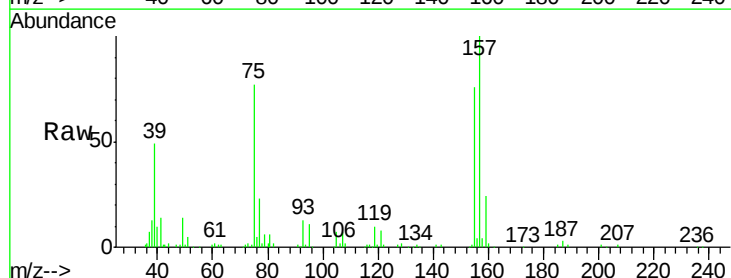
Manual Integrations
 APPROVED

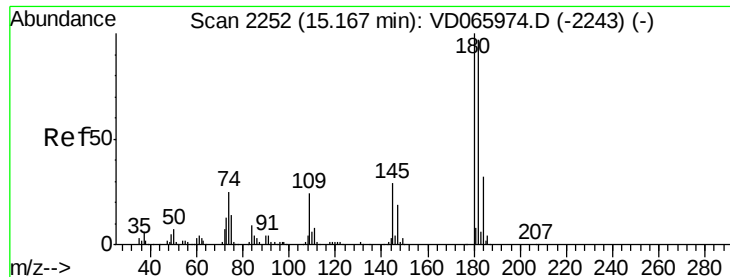
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 166.846 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

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





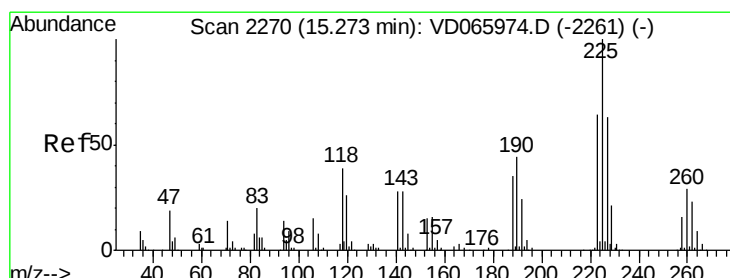
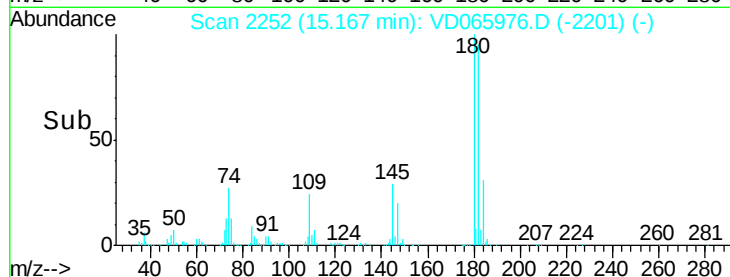
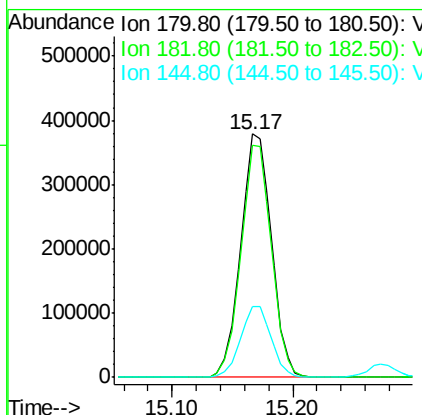
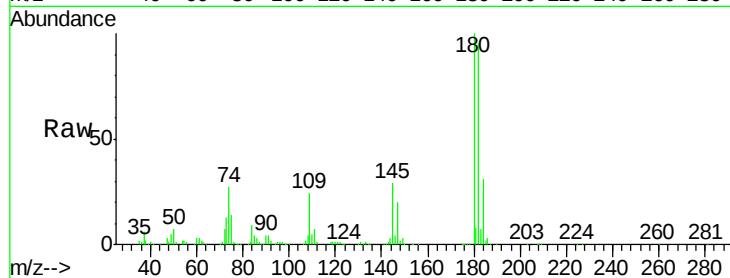
#93
 1,2,4-Trichlorobenzene
 Concen: 167.232 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065976.D
 Acq: 21 Jul 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

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

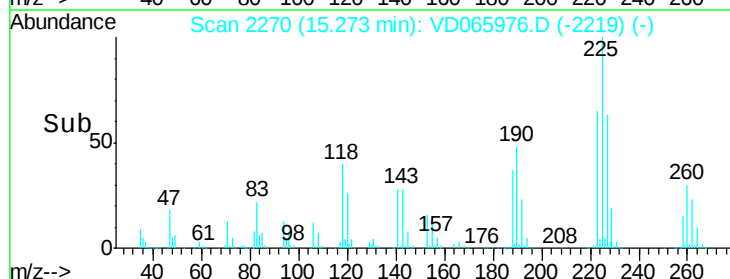
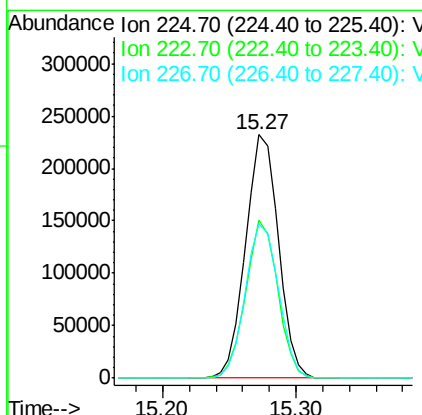
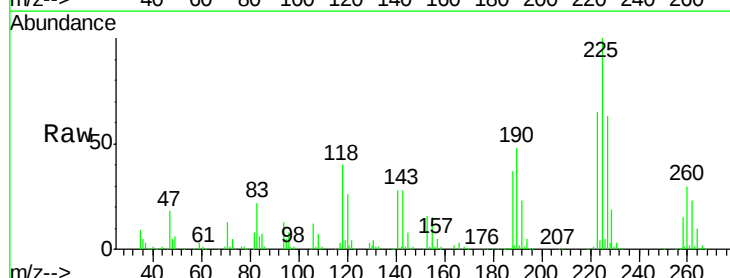
Manual Integrations
 APPROVED

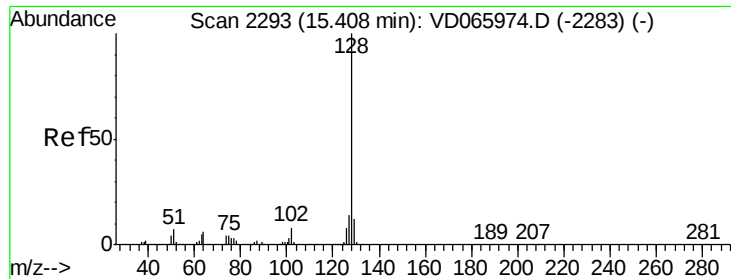
MMDadoda
 7/22/2020 2:44:27 PM



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

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





#95

Naphthalene

Concen: 192.590 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 1182280

Ion Ratio Lower Upper

128 100

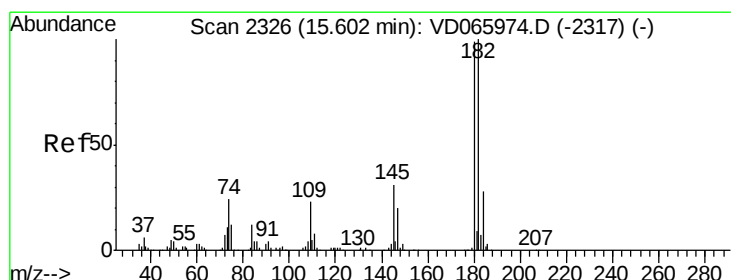
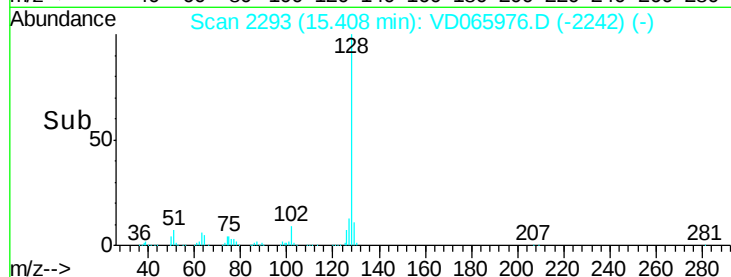
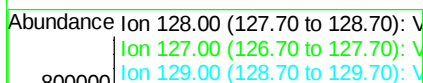
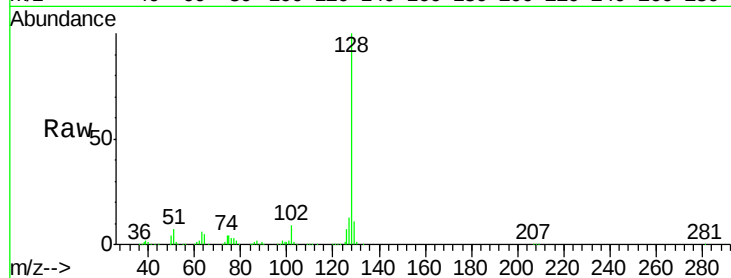
127 13.3 10.8 16.2

129 10.7 8.9 13.3

Manual Integrations
APPROVED

MMDadoda

7/22/2020 2:44:27 PM



#96

1,2,3-Trichlorobenzene

Concen: 165.779 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD065976.D

Acq: 21 Jul 2020 12:10

Tgt Ion:180 Resp: 583275

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.6

145 31.0 15.4 46.2

