

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082120\
 Data File : VD066356.D
 Acq On : 21 Aug 2020 12:47
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 21 13:06:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:03:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	242298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	350587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	319099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	163621	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	243686	105.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.52%	
35) Dibromofluoromethane	7.91	113	217902	99.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.24%	
50) Toluene-d8	10.34	98	808860	101.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.98%	
62) 4-Bromofluorobenzene	12.63	95	281458	97.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	184861	85.491	ug/l	100
3) Chloromethane	2.21	50	136133	89.961	ug/l	98
4) Vinyl Chloride	2.35	62	149285	93.053	ug/l	99
5) Bromomethane	2.76	94	110297	91.491	ug/l	98
6) Chloroethane	2.91	64	96062	92.892	ug/l	97
7) Trichlorofluoromethane	3.27	101	401263	91.840	ug/l	97
8) Diethyl Ether	3.71	74	95478	103.605	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	199987	91.144	ug/l	99
10) Methyl Iodide	4.30	142	263082	114.478	ug/l	100
11) Tert butyl alcohol	5.22	59	61803	281.586	ug/l	100
12) 1,1-Dichloroethene	4.07	96	191392	94.350	ug/l	97
13) Acrolein	3.92	56	50258	456.612	ug/l	100
14) Allyl chloride	4.71	41	267617	102.012	ug/l	100
15) Acrylonitrile	5.42	53	195208	508.424	ug/l	98
16) Acetone	4.16	43	218974	505.789	ug/l	97
17) Carbon Disulfide	4.41	76	583374	96.247	ug/l	98
18) Methyl Acetate	4.71	43	81921	101.091	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	481426	102.608	ug/l	97
20) Methylene Chloride	4.96	84	212514	64.637	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	221459	96.631	ug/l	89
22) Diisopropyl ether	6.36	45	508053	99.220	ug/l	97
23) Vinyl Acetate	6.30	43	1604958	508.076	ug/l	97
24) 1,1-Dichloroethane	6.26	63	350922	96.867	ug/l	97
25) 2-Butanone	7.21	43	243900	488.365	ug/l	94
26) 2,2-Dichloropropane	7.21	77	367867	92.646	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	239675	97.782	ug/l	99
28) Bromochloromethane	7.54	49	128586	103.836	ug/l #	99
29) Tetrahydrofuran	7.56	42	138098	497.606	ug/l	97
30) Chloroform	7.71	83	409117	96.938	ug/l	95
31) Cyclohexane	7.98	56	291829	83.712	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	419399	99.014	ug/l	99
36) 1,1-Dichloropropene	8.11	75	304227	91.547	ug/l	99
37) Ethyl Acetate	7.29	43	106228	92.698	ug/l #	91
38) Carbon Tetrachloride	8.09	117	398806	91.980	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	362963	93.849	ug/l	99
40) Benzene	8.35	78	807085	92.695	ug/l	99
41) Methacrylonitrile	7.56	41	81980	125.738	ug/l #	45
42) 1,2-Dichloroethane	8.42	62	285918	95.346	ug/l	98
43) Isopropyl Acetate	8.45	43	219883	101.223	ug/l	99
44) Trichloroethene	9.11	130	258952	90.968	ug/l	96
45) 1,2-Dichloropropane	9.38	63	186793	96.354	ug/l	98
46) Dibromomethane	9.47	93	115512	95.549	ug/l	98
47) Bromodichloromethane	9.66	83	319446	95.562	ug/l	99
48) Methyl methacrylate	9.46	41	110983	96.631	ug/l	97
49) 1,4-Dioxane	9.46	88	26356	1872.534	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	528891	489.207	ug/l	99
52) Toluene	10.40	92	554180	94.617	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	311588	100.130	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	348345	98.727	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	154239	94.745	ug/l	92
56) Ethyl methacrylate	10.66	69	191737	102.090	ug/l	97
57) 1,3-Dichloropropane	10.94	76	260625	96.909	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	378546	472.332	ug/l	99
59) 2-Hexanone	10.98	43	379680	494.726	ug/l	99
60) Dibromochloromethane	11.14	129	231845	93.348	ug/l	100
61) 1,2-Dibromoethane	11.24	107	154282	95.360	ug/l	96
64) Tetrachloroethene	10.87	164	225411	91.139	ug/l	92
65) Chlorobenzene	11.67	112	611825	95.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	245108	92.689	ug/l	99
67) Ethyl Benzene	11.74	91	1084989	94.650	ug/l	99
68) m/p-Xylenes	11.86	106	817776	186.788	ug/l	96
69) o-Xylene	12.18	106	380468	94.749	ug/l	98
70) Styrene	12.20	104	653704	94.255	ug/l	98
71) Bromoform	12.36	173	138793	93.180	ug/l #	97
73) Isopropylbenzene	12.48	105	1077141	97.834	ug/l	98
74) N-amyl acetate	12.29	43	203625	103.102	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	152482	95.729	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	222655	198.111	ug/l #	1
77) Bromobenzene	12.76	156	271262	94.888	ug/l	99
78) n-propylbenzene	12.82	91	1202547	93.602	ug/l	100
79) 2-Chlorotoluene	12.91	91	697569	96.188	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	922714	95.946	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	54561	98.448	ug/l	96
82) 4-Chlorotoluene	13.01	91	734705	95.163	ug/l	100
83) tert-Butylbenzene	13.23	119	816342	99.817	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	901629	95.908	ug/l	100
85) sec-Butylbenzene	13.40	105	1043171	94.460	ug/l	100
86) p-Isopropyltoluene	13.52	119	1015392	96.247	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	486063	91.861	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	492500	91.584	ug/l	99
89) n-Butylbenzene	13.85	91	893649	97.312	ug/l	100
90) Hexachloroethane	14.11	117	193895	92.201	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	439252	95.445	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	31794	93.532	ug/l	93

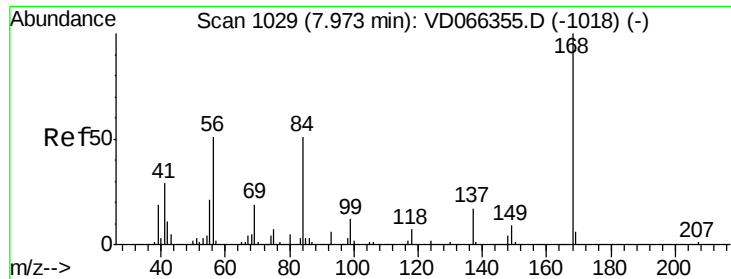
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082120\
Data File : VD066356.D
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Operator : VA/SY
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	345309	98.483	ug/l	99
94) Hexachlorobutadiene	15.27	225	210585	94.990	ug/l	98
95) Naphthalene	15.41	128	568516	106.313	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	296597	99.500	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

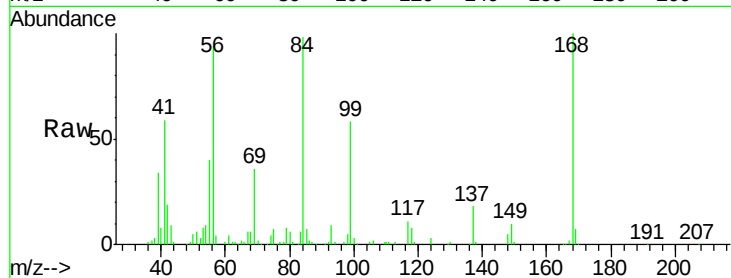
VSTDIC100

Tgt Ion:168 Resp: 242298

Ion Ratio Lower Upper

168 100

99 57.5 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

120000

100000

80000

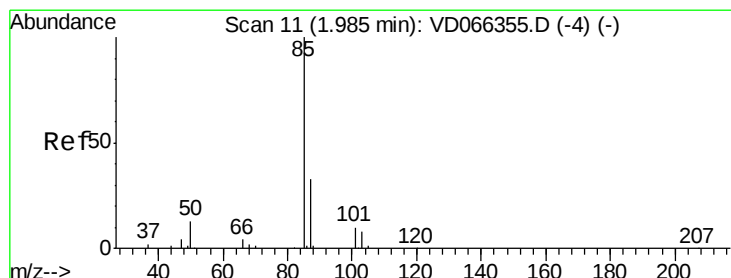
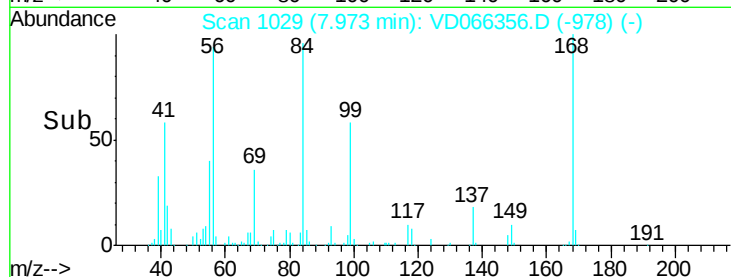
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 85.491 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066356.D

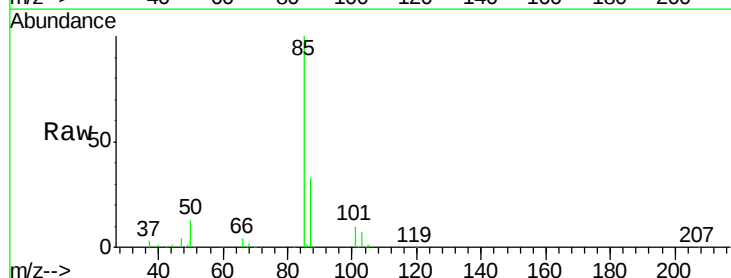
Acq: 21 Aug 2020 12:47

Tgt Ion: 85 Resp: 184861

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

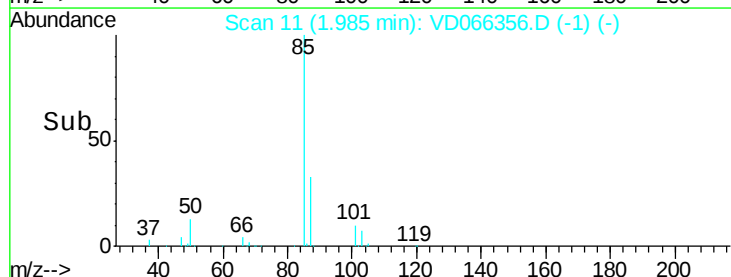
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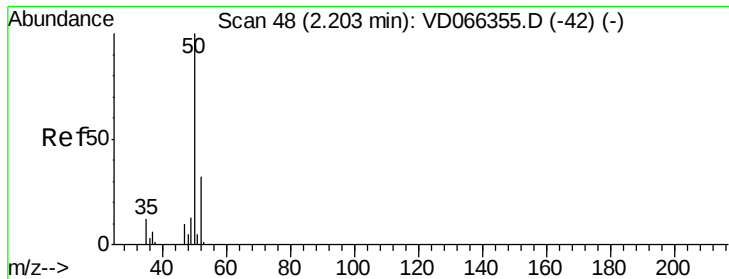
100000

50000

0

Time-->





#3

Chloromethane

Concen: 89.961 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

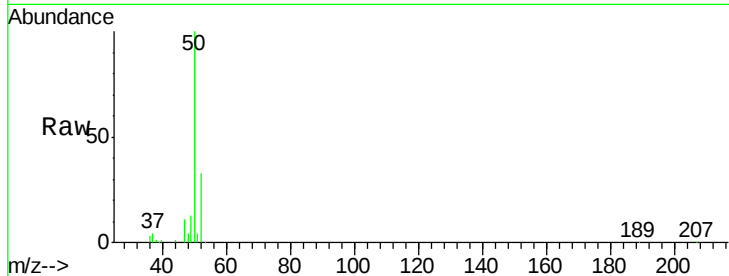
VSTDIC100

Tgt Ion: 50 Resp: 136133

Ion Ratio Lower Upper

50 100

52 33.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

100000

80000

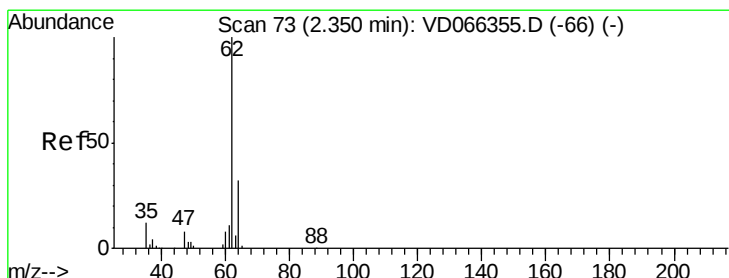
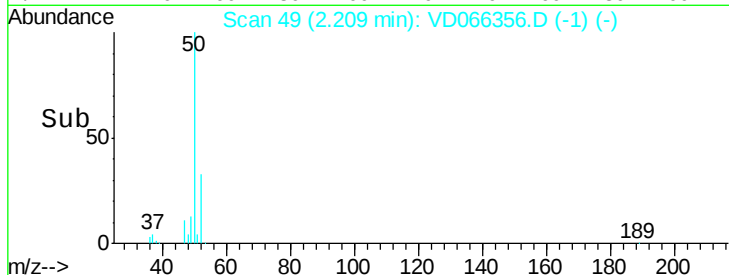
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 93.053 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066356.D

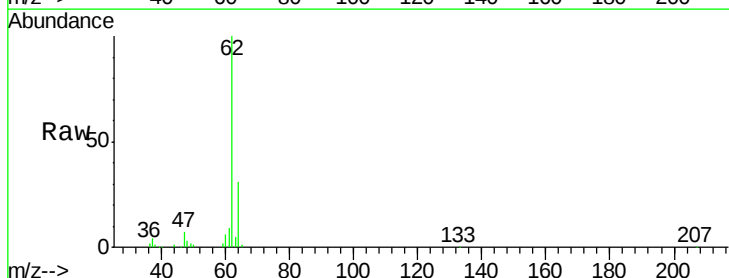
Acq: 21 Aug 2020 12:47

Tgt Ion: 62 Resp: 149285

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

100000

80000

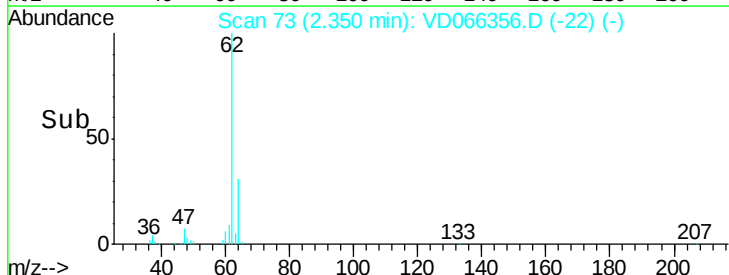
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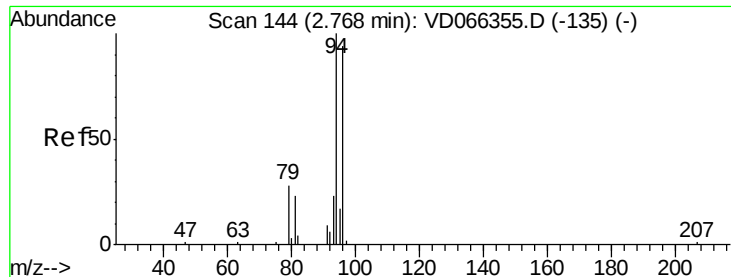
40000

20000

0

Time-->





#5

Bromomethane

Concen: 91.491 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

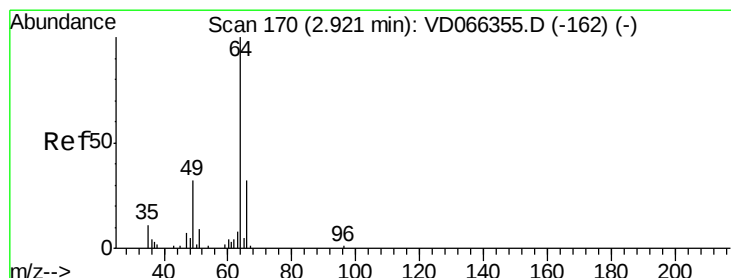
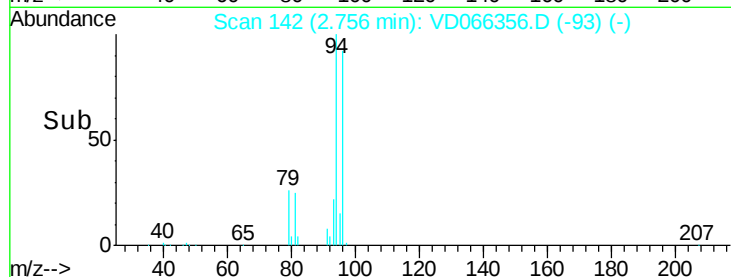
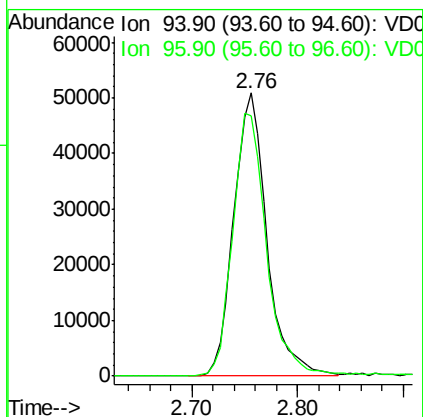
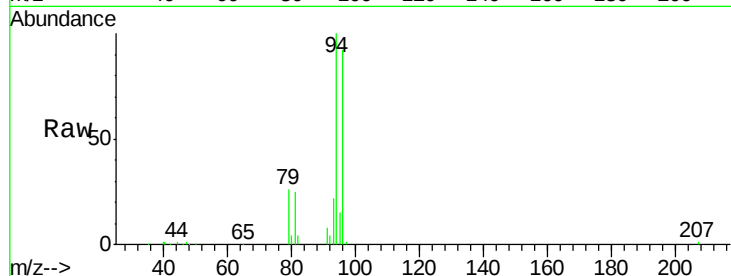
VSTDIC100

Tgt Ion: 94 Resp: 110297

Ion Ratio Lower Upper

94 100

96 91.8 75.0 112.4



#6

Chloroethane

Concen: 92.892 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066356.D

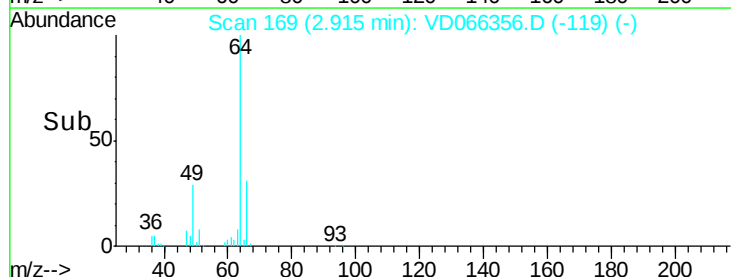
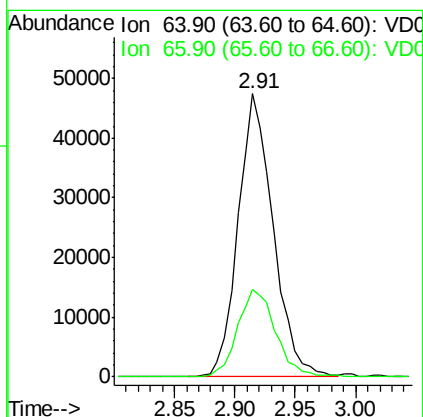
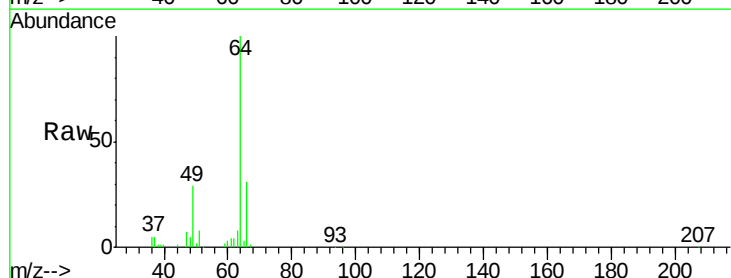
Acq: 21 Aug 2020 12:47

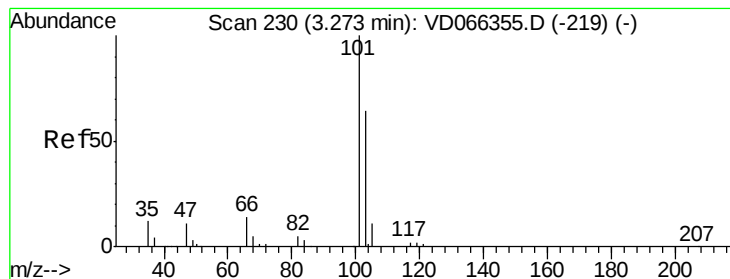
Tgt Ion: 64 Resp: 96062

Ion Ratio Lower Upper

64 100

66 30.8 25.9 38.9



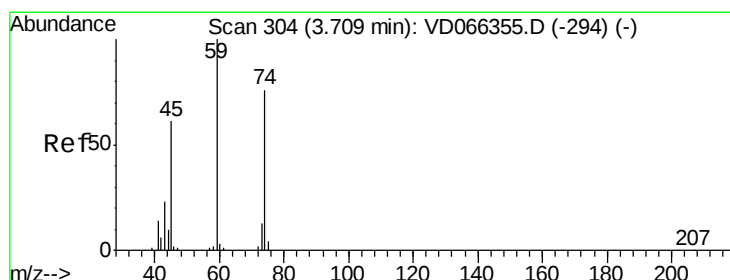
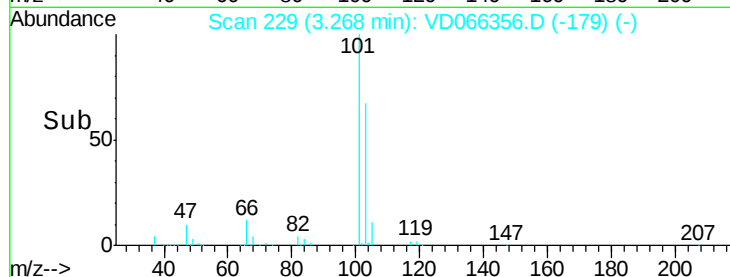
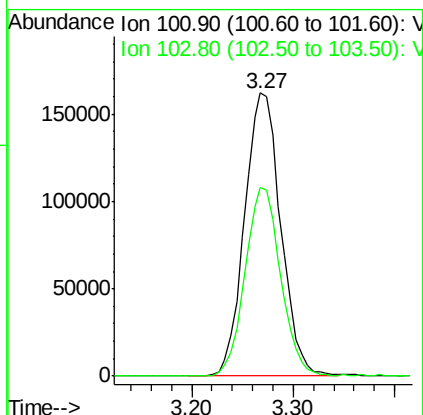
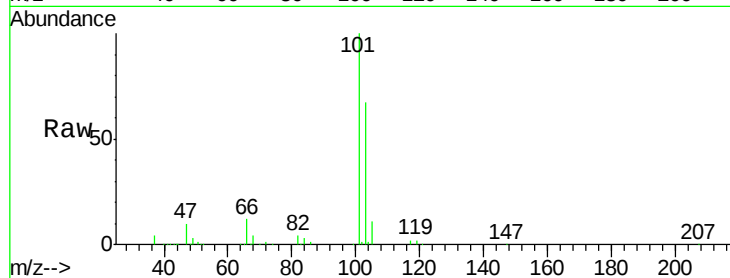


#7

Trichlorofluoromethane
 Concen: 91.840 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

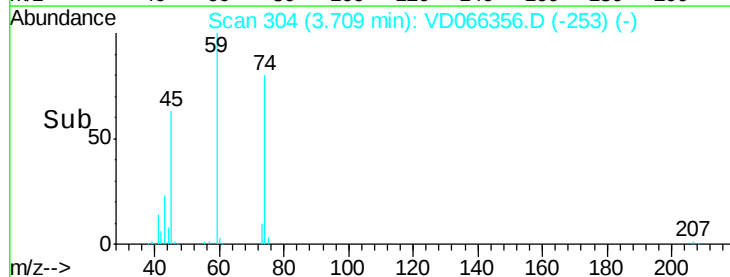
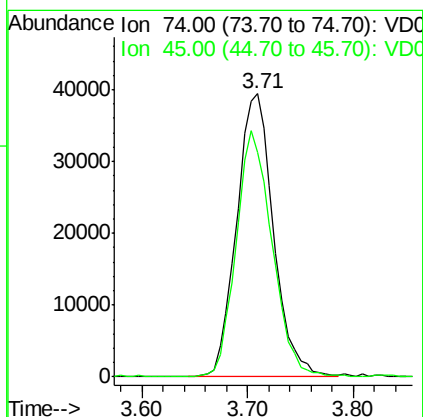
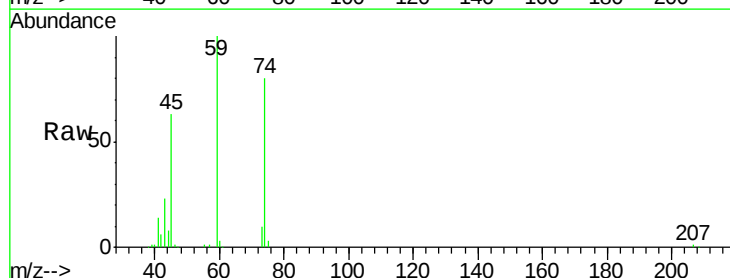
Tgt Ion: 101 Resp: 401263
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.4 77.0

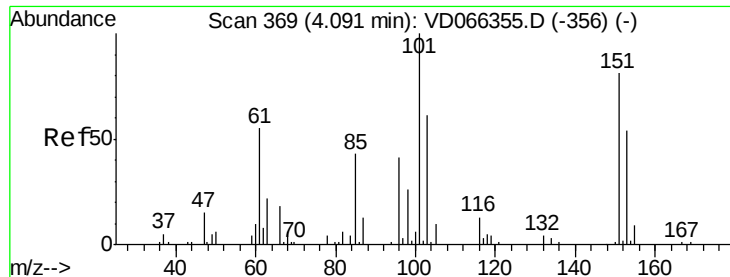


#8

Diethyl Ether
 Concen: 103.605 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Tgt Ion: 74 Resp: 95478
 Ion Ratio Lower Upper
 74 100
 45 84.9 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 91.144 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

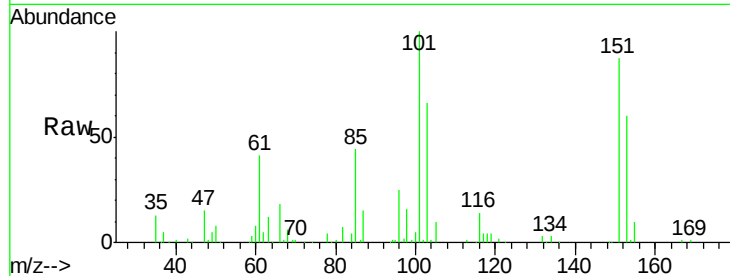
Tgt Ion:101 Resp: 199987

Ion Ratio Lower Upper

101 100

85 44.6 36.4 54.6

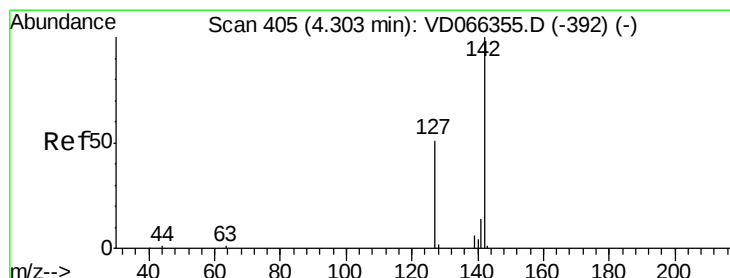
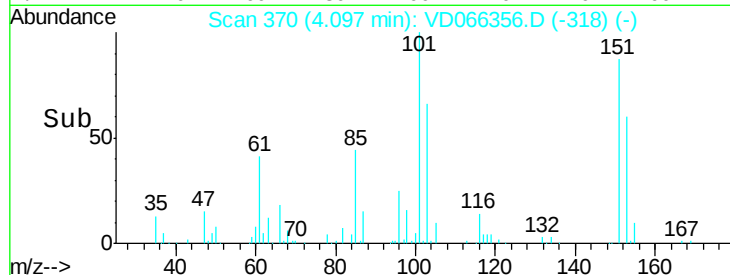
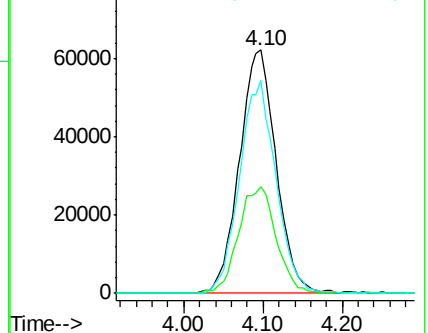
151 86.7 70.5 105.7



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: 114.478 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

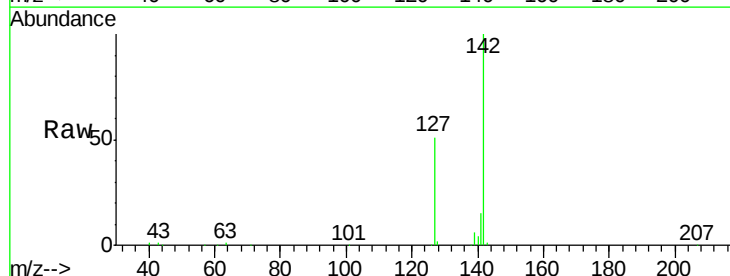
Tgt Ion:142 Resp: 263082

Ion Ratio Lower Upper

142 100

127 52.2 41.8 62.8

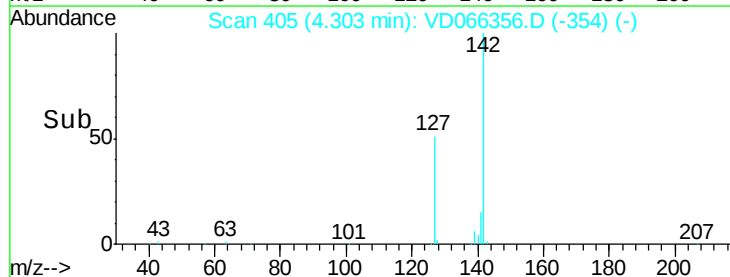
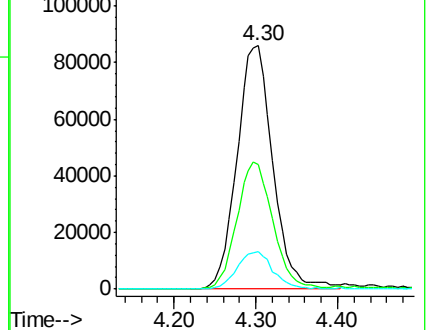
141 15.3 11.8 17.6

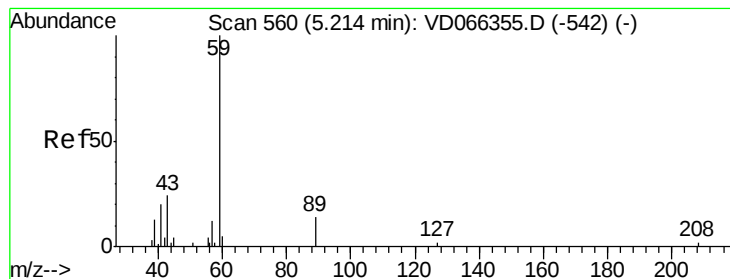


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



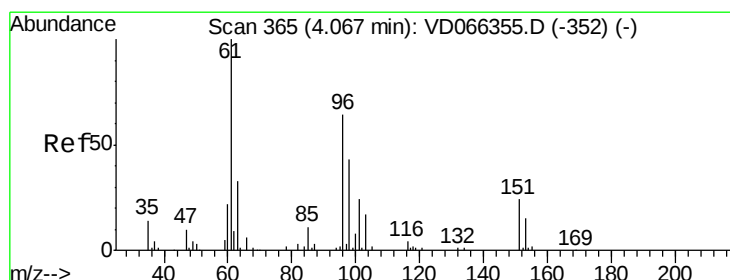
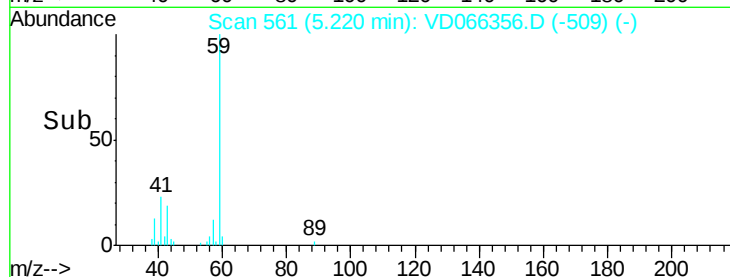
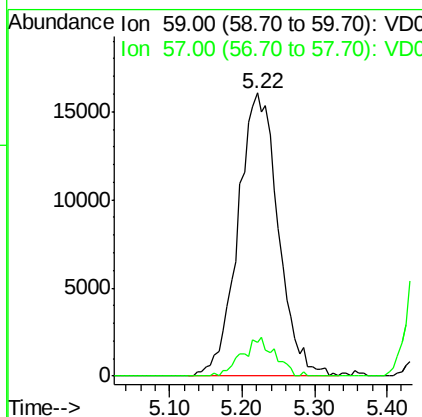
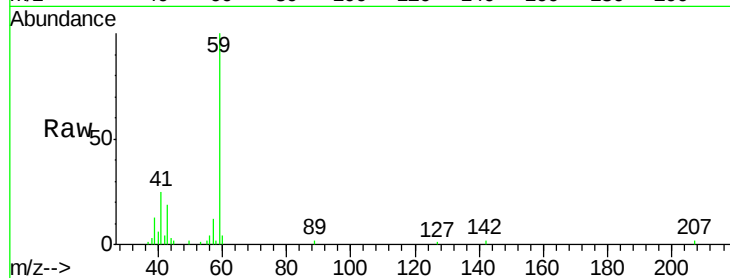


#11

Tert butyl alcohol
 Concen: 281.586 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

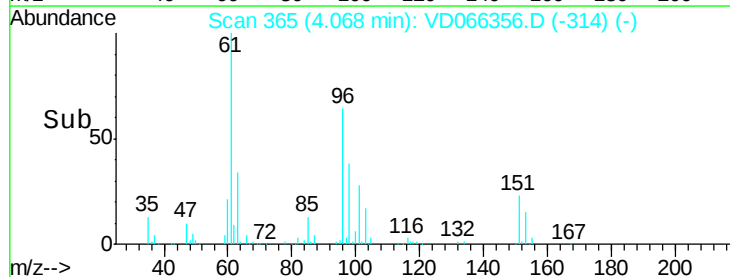
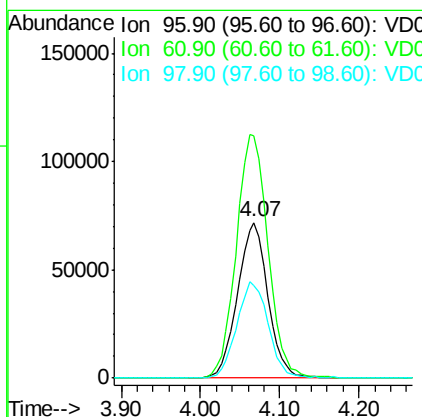
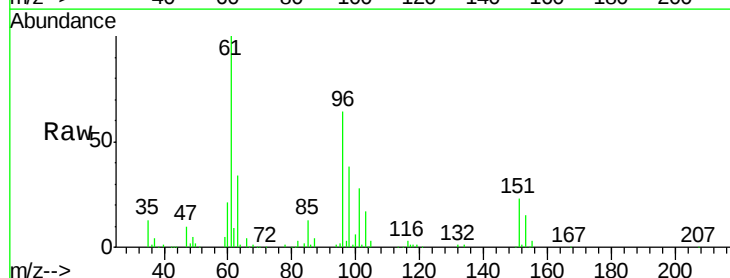
Tgt Ion: 59 Resp: 61803
 Ion Ratio Lower Upper
 59 100
 57 11.2 9.0 13.4

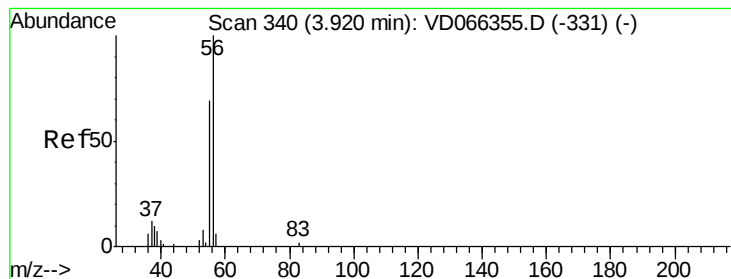


#12

1,1-Dichloroethene
 Concen: 94.350 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Tgt Ion: 96 Resp: 191392
 Ion Ratio Lower Upper
 96 100
 61 155.8 124.3 186.5
 98 59.1 53.2 79.8





#13

Acrolein

Concen: 456.612 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

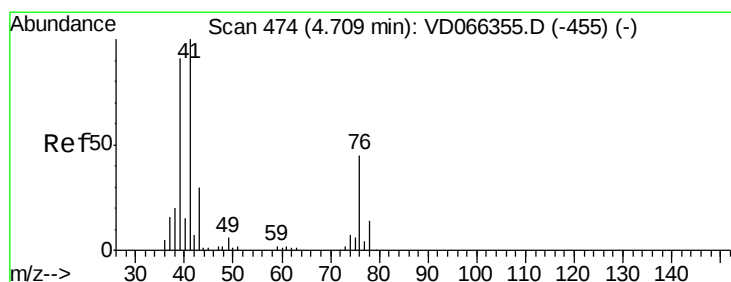
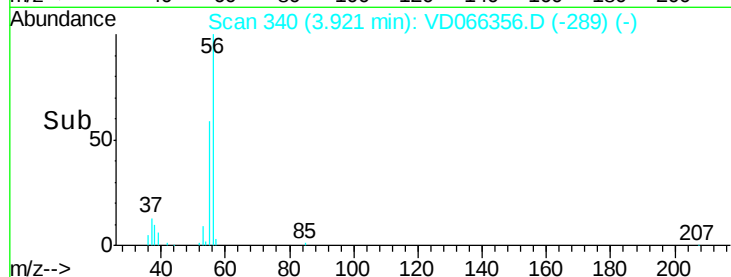
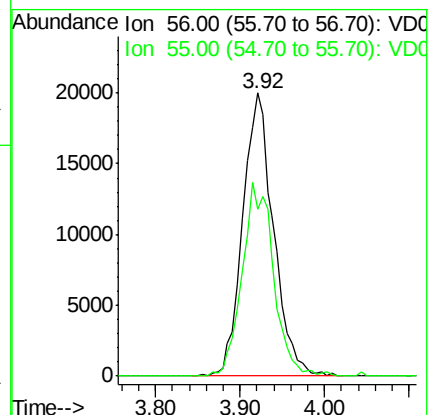
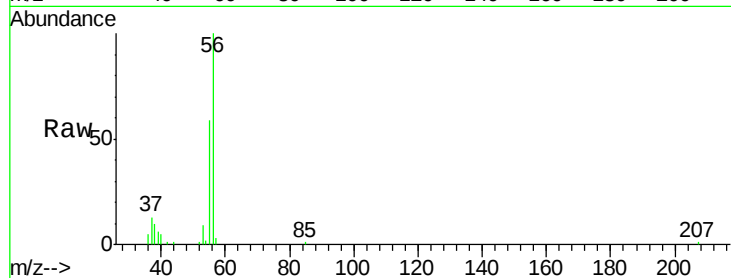
VSTDIC100

Tgt Ion: 56 Resp: 50258

Ion Ratio Lower Upper

56 100

55 69.8 55.5 83.3



#14

Allyl chloride

Concen: 102.012 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

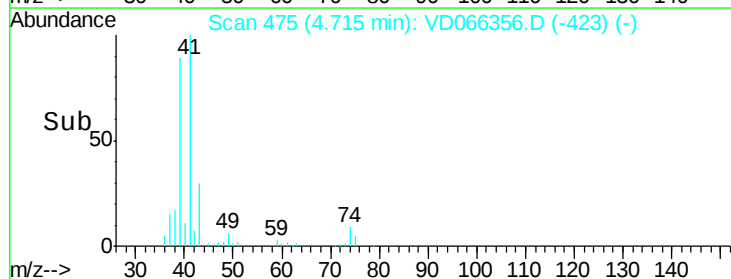
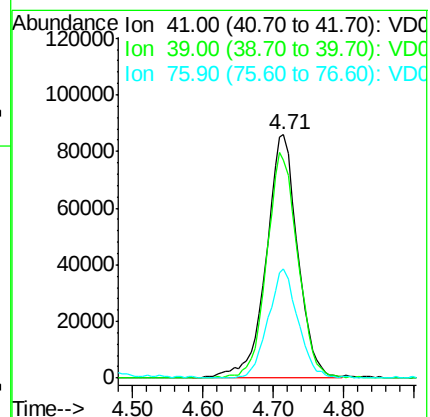
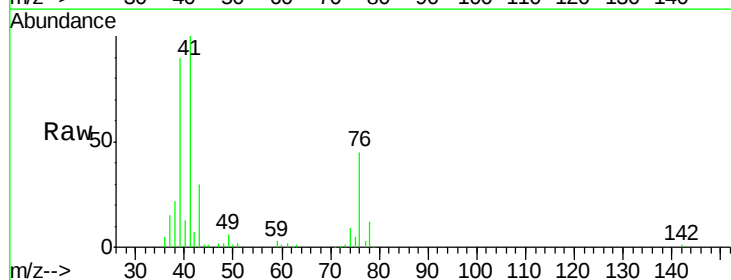
Tgt Ion: 41 Resp: 267617

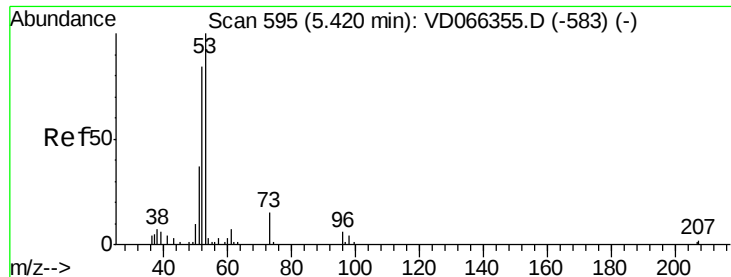
Ion Ratio Lower Upper

41 100

39 91.2 72.8 109.2

76 42.5 34.0 51.0





#15

Acrylonitrile

Concen: 508.424 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

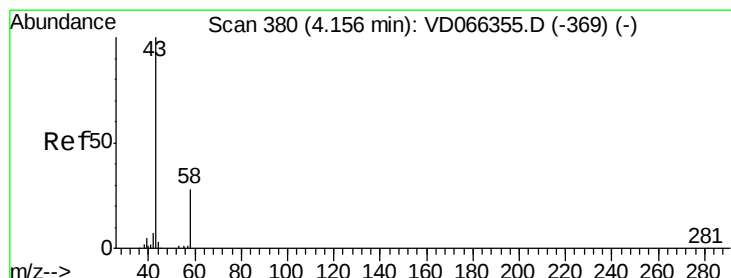
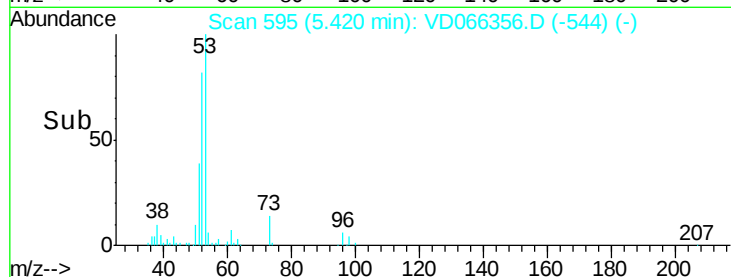
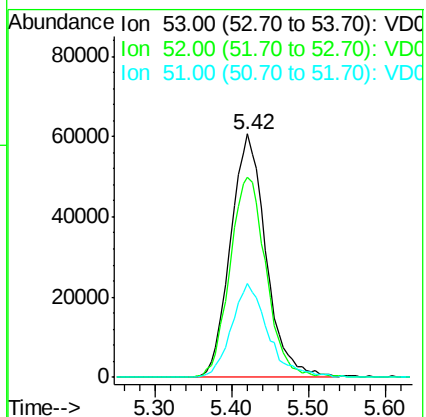
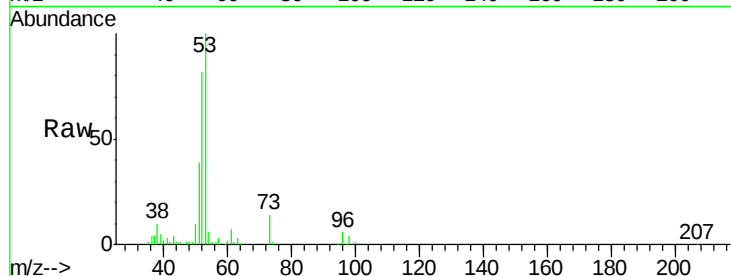
Tgt Ion: 53 Resp: 195208

Ion Ratio Lower Upper

53 100

52 83.6 68.1 102.1

51 39.6 33.8 50.6



#16

Acetone

Concen: 505.789 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066356.D

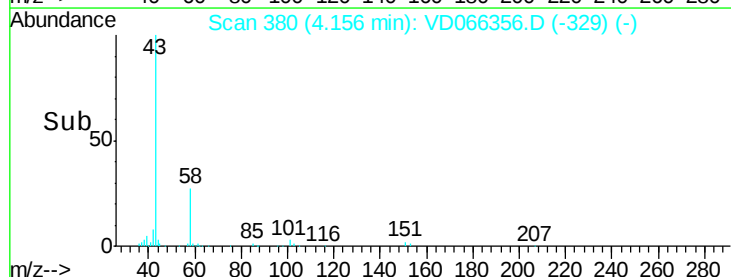
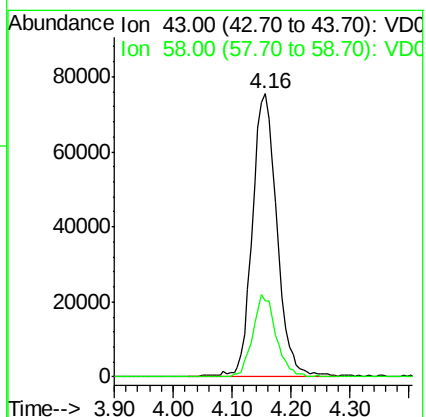
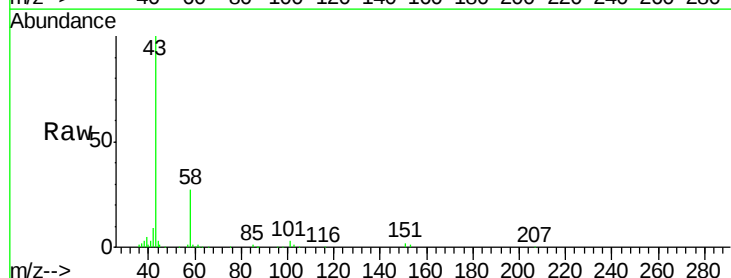
Acq: 21 Aug 2020 12:47

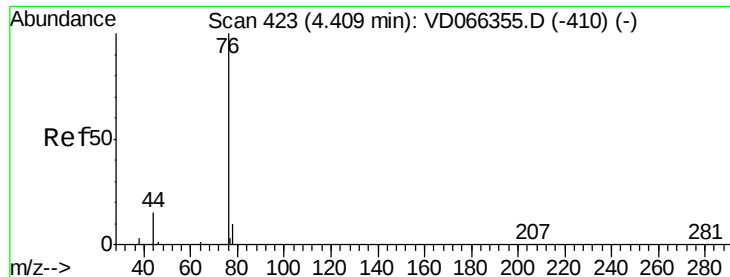
Tgt Ion: 43 Resp: 218974

Ion Ratio Lower Upper

43 100

58 26.9 22.7 34.1

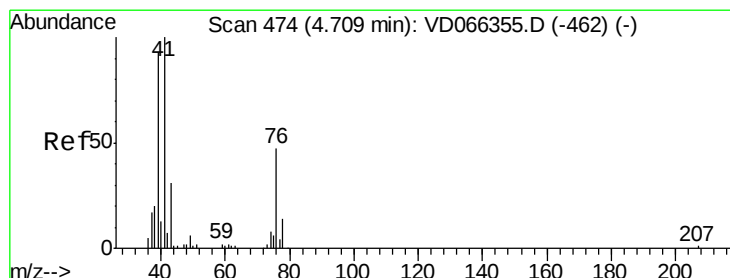
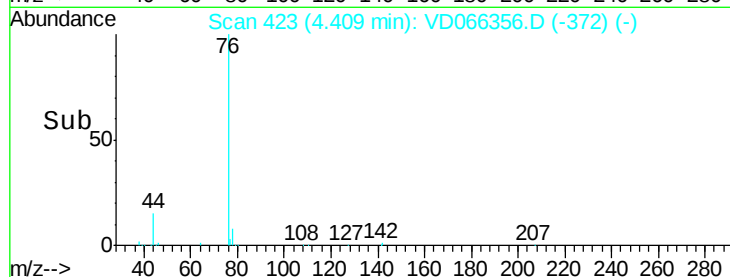
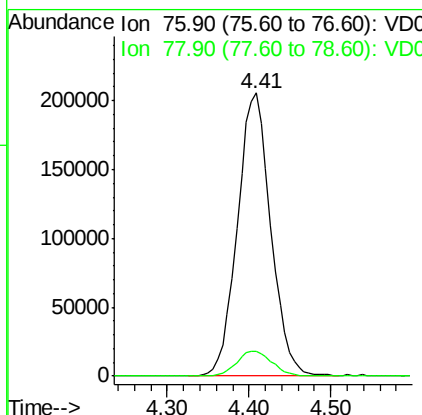
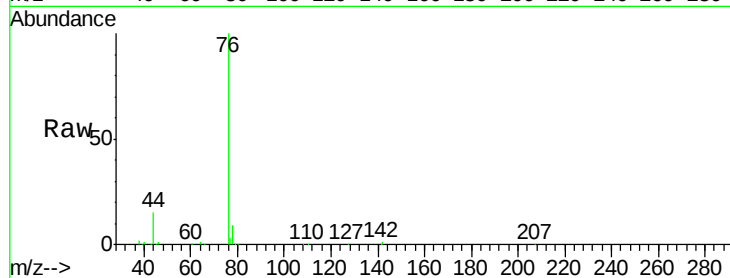




#17
Carbon Disulfide
Concen: 96.247 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

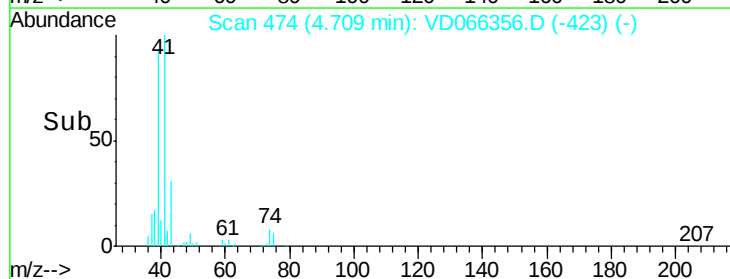
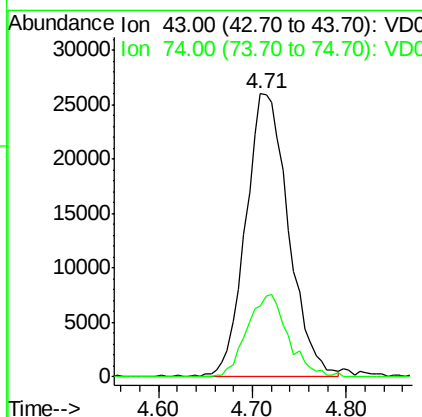
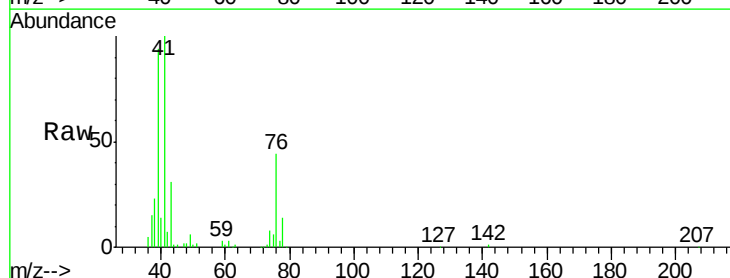
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

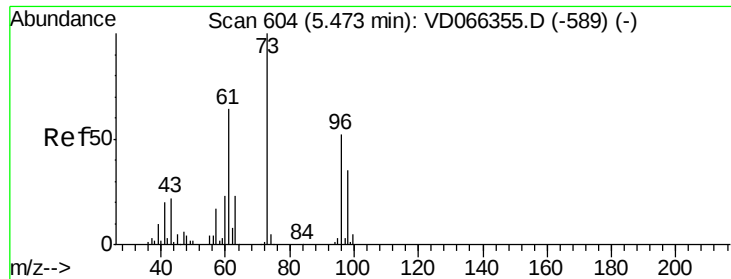
Tgt Ion: 76 Resp: 583374
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5



#18
Methyl Acetate
Concen: 101.091 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Tgt Ion: 43 Resp: 81921
Ion Ratio Lower Upper
43 100
74 27.9 21.0 31.6

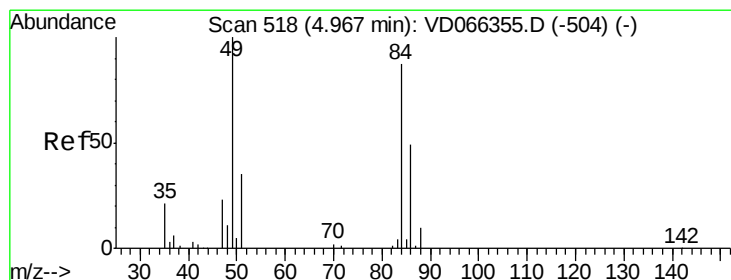
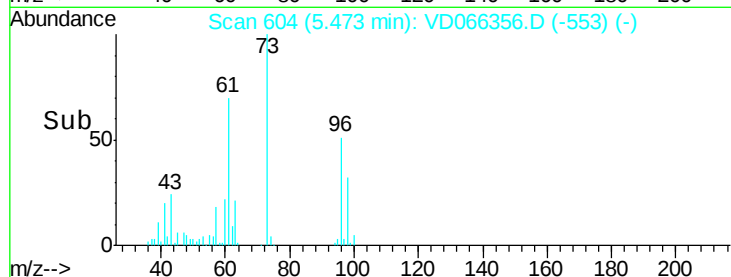
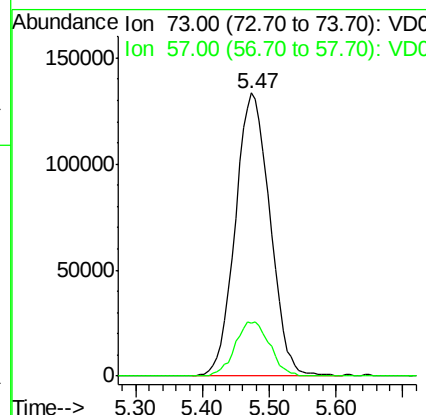
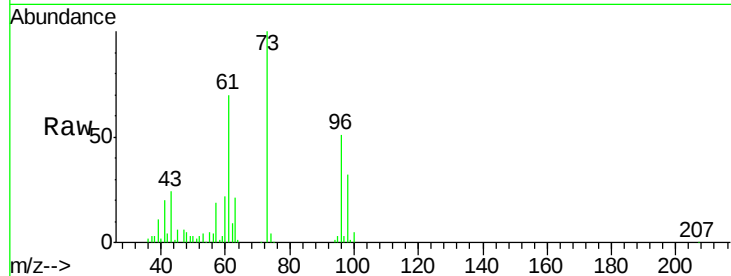




#19
Methyl tert-butyl Ether
Concen: 102.608 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

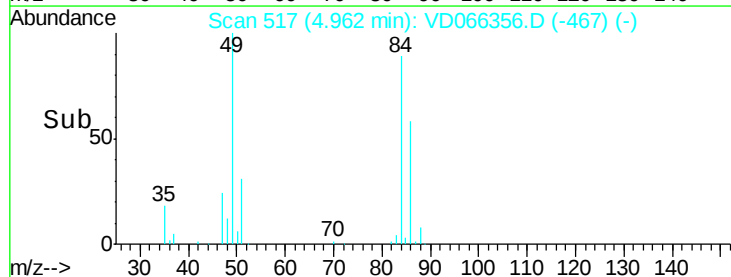
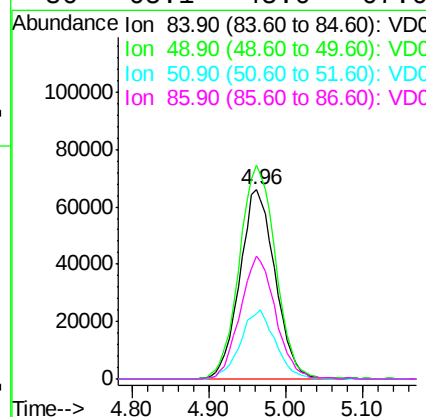
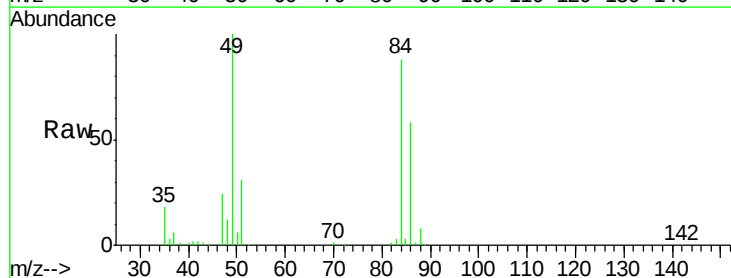
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

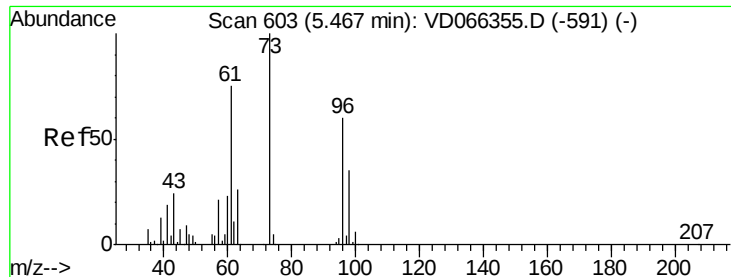
Tgt Ion: 73 Resp: 481426
Ion Ratio Lower Upper
73 100
57 18.5 13.8 20.6



#20
Methylene Chloride
Concen: 64.637 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Tgt Ion: 84 Resp: 212514
Ion Ratio Lower Upper
84 100
49 113.1 92.5 138.7
51 34.6 32.5 48.7
86 65.1 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 96.631 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

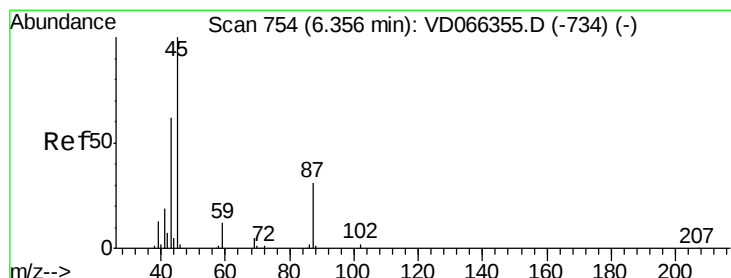
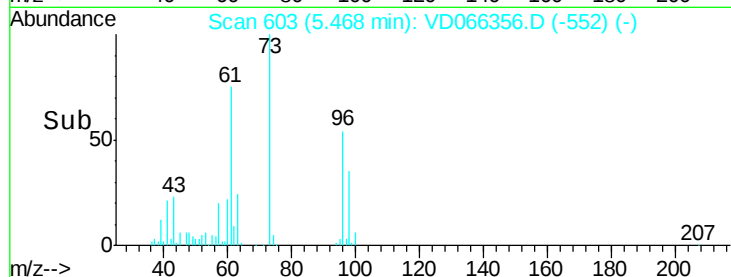
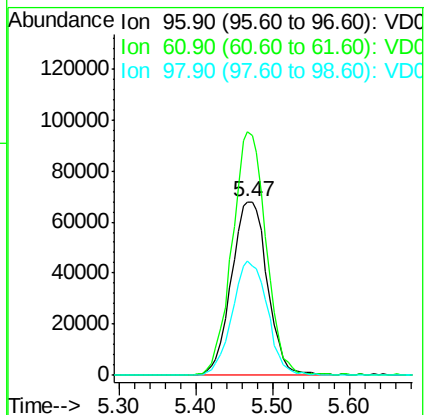
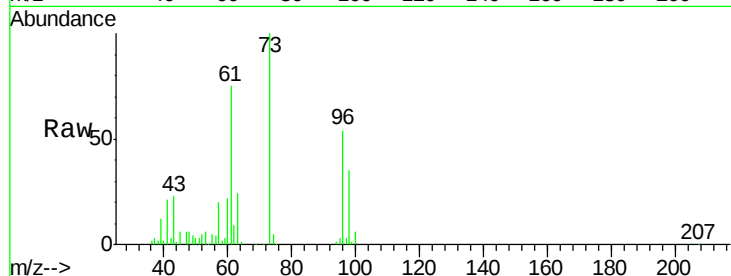
Tgt Ion: 96 Resp: 221459

Ion Ratio Lower Upper

96 100

61 140.3 101.1 151.7

98 65.6 47.0 70.6



#22

Diisopropyl ether

Concen: 99.220 ug/l

RT: 6.36 min Scan# 754

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Tgt Ion: 45 Resp: 508053

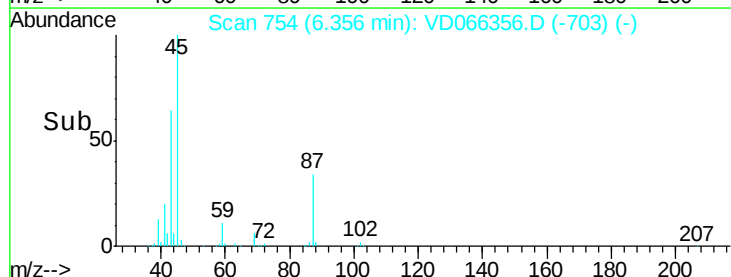
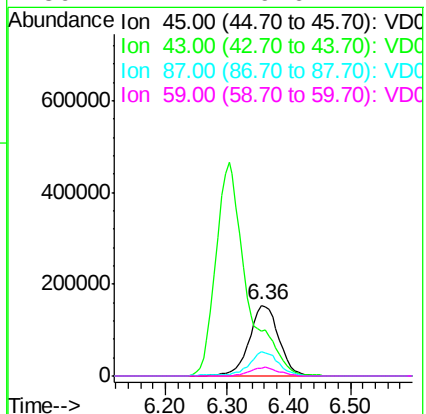
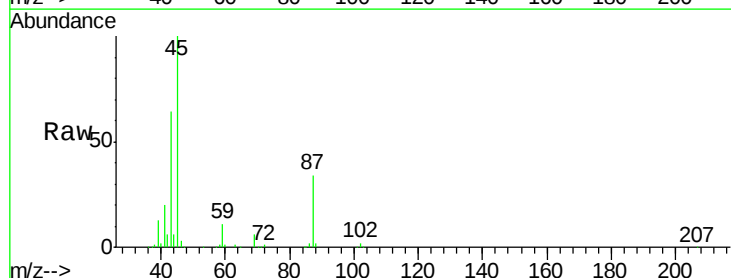
Ion Ratio Lower Upper

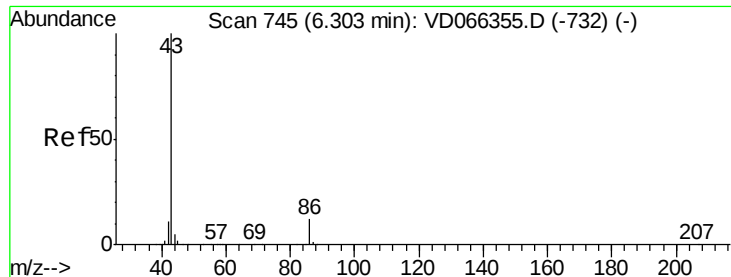
45 100

43 63.6 49.8 74.8

87 34.3 25.0 37.6

59 11.4 9.6 14.4





#23

Vinyl Acetate

Concen: 508.076 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

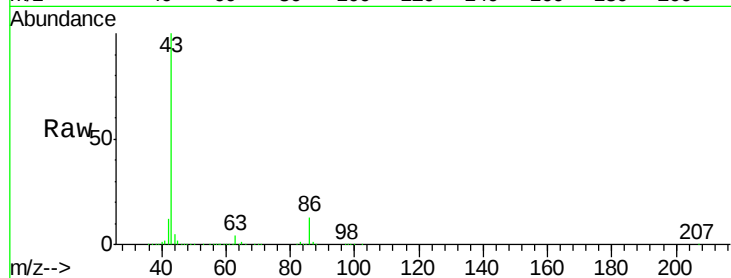
VSTDIC100

Tgt Ion: 43 Resp: 1604958

Ion Ratio Lower Upper

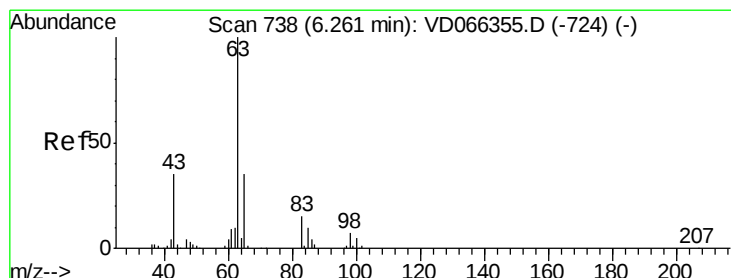
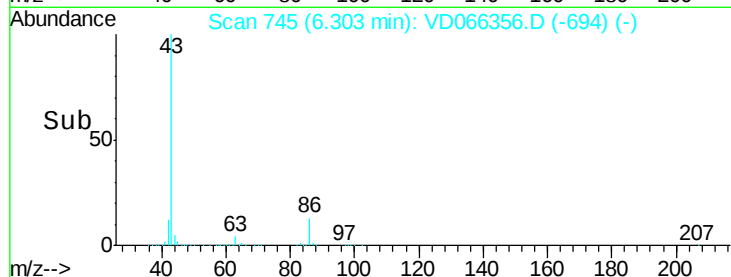
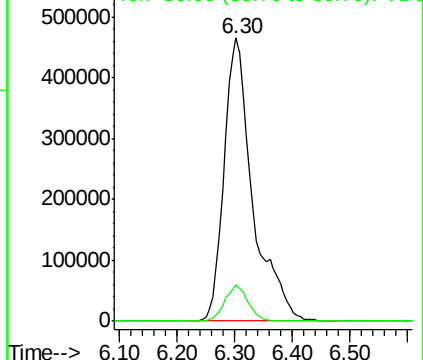
43 100

86 12.8 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 96.867 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

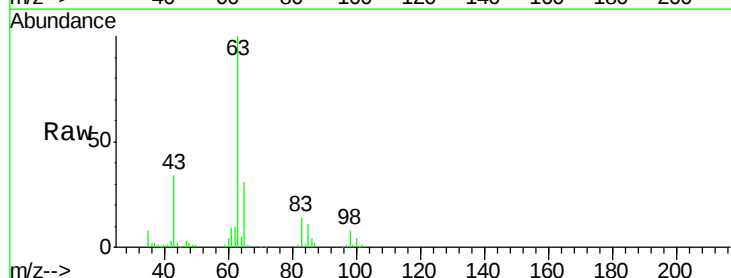
Tgt Ion: 63 Resp: 350922

Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.6

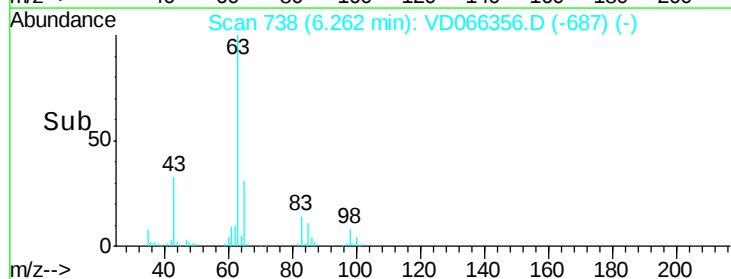
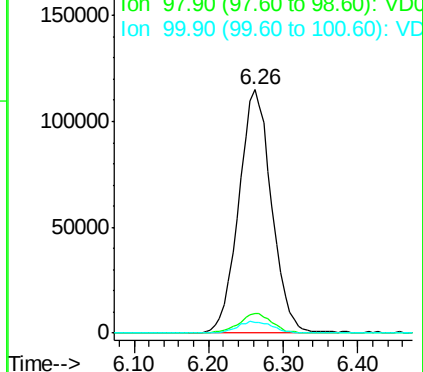
100 4.2 2.5 7.6



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: 488.365 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

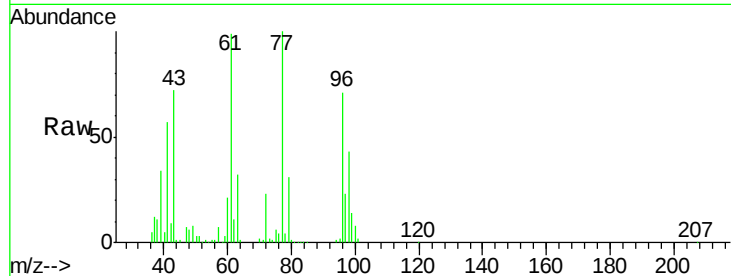
VSTDICC100

Tgt Ion: 43 Resp: 243900

Ion Ratio Lower Upper

43 100

72 31.3 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.21

100000

80000

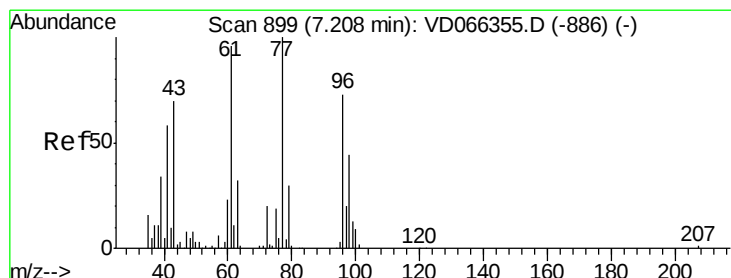
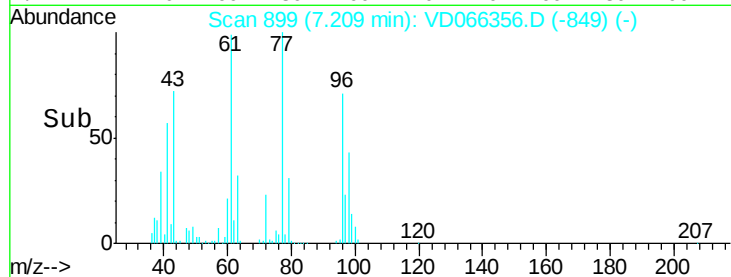
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 92.646 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066356.D

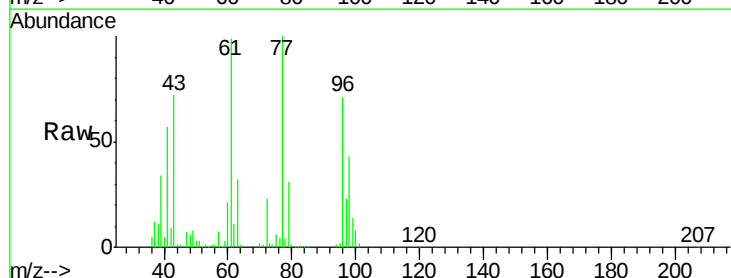
Acq: 21 Aug 2020 12:47

Tgt Ion: 77 Resp: 367867

Ion Ratio Lower Upper

77 100

97 21.4 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.21

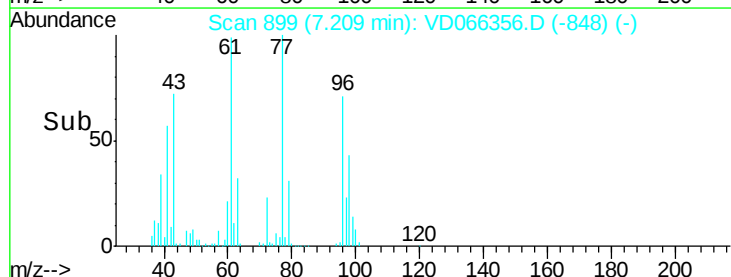
150000

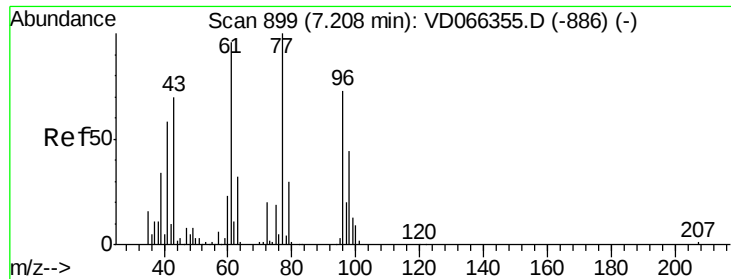
100000

50000

0

Time-->



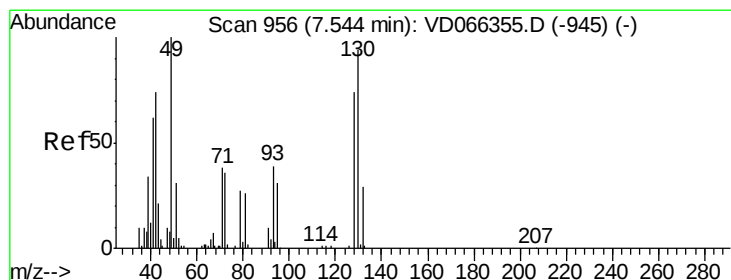
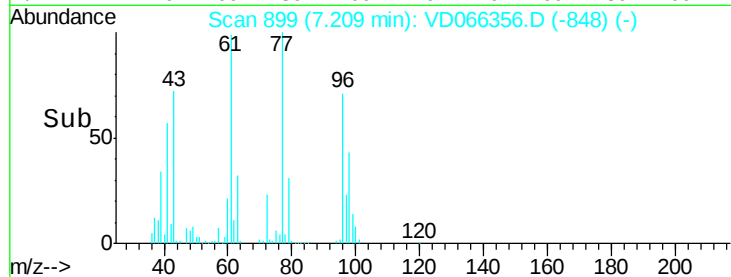
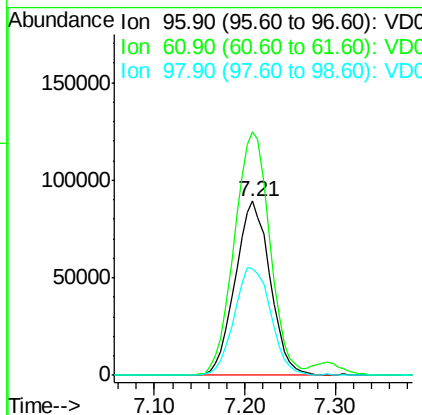
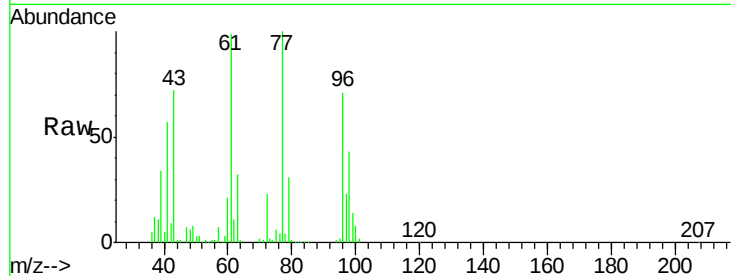


#27

cis-1,2-Dichloroethene
Concen: 97.782 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

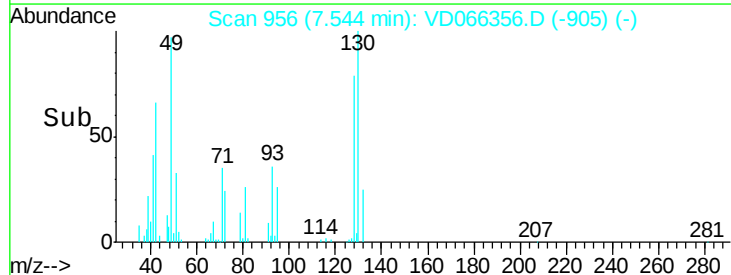
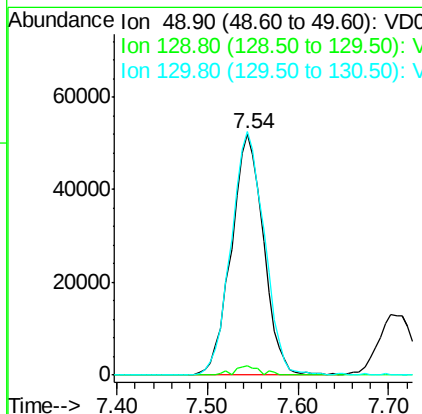
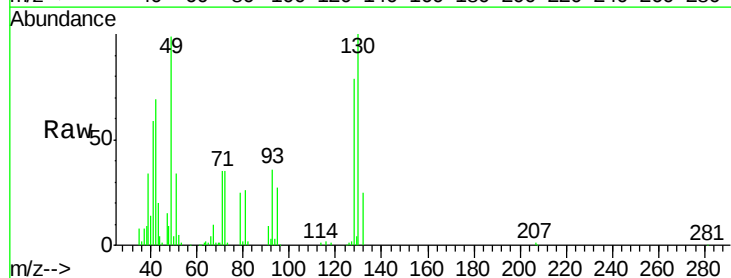
Tgt Ion: 96 Resp: 239675
Ion Ratio Lower Upper
96 100
61 141.9 0.0 281.4
98 64.8 0.0 132.2

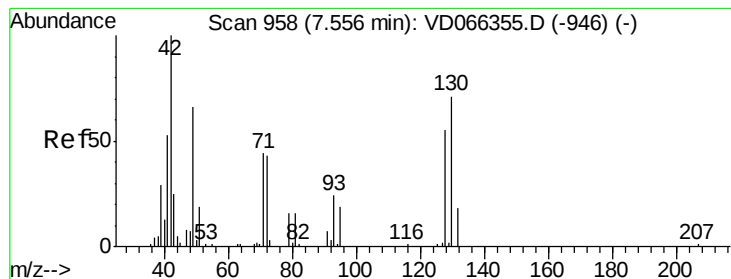


#28

Bromochloromethane
Concen: 103.836 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Tgt Ion: 49 Resp: 128586
Ion Ratio Lower Upper
49 100
129 3.1 0.0 3.0#
130 104.5 82.6 124.0





#29

Tetrahydrofuran

Concen: 497.606 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

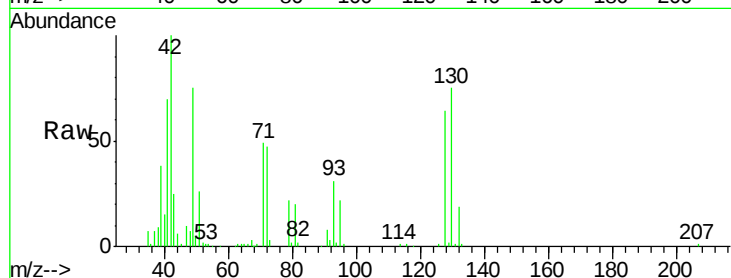
Tgt Ion: 42 Resp: 138098

Ion Ratio Lower Upper

42 100

72 49.8 41.0 61.4

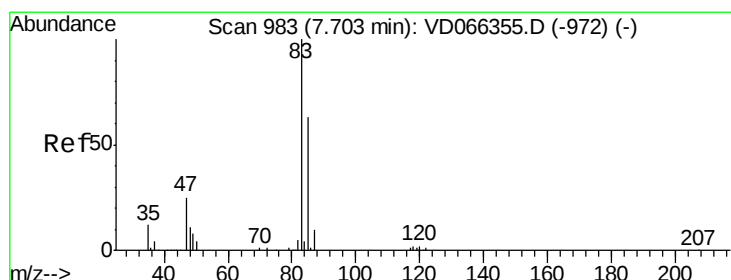
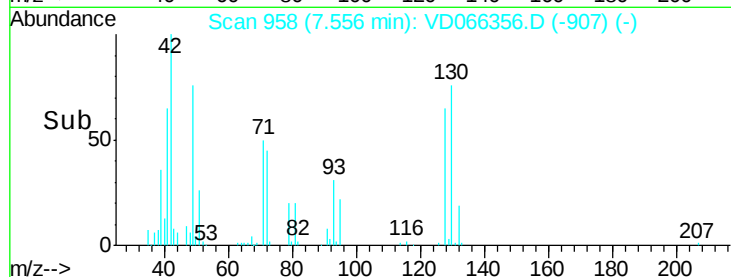
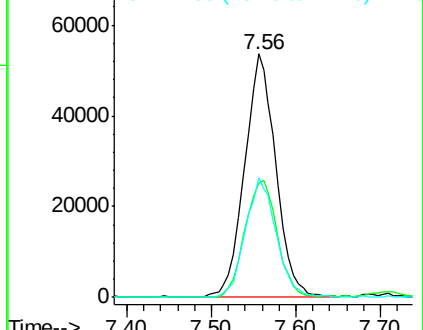
71 48.6 37.2 55.8



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 96.938 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

Lab File: VD066356.D

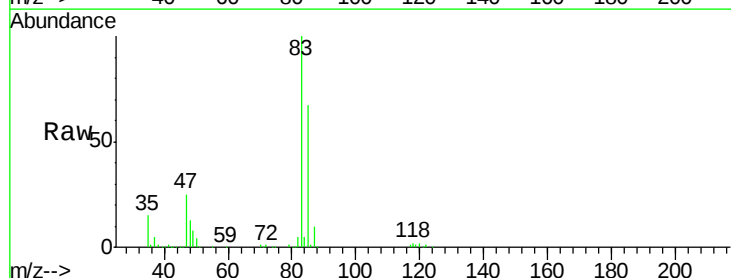
Acq: 21 Aug 2020 12:47

Tgt Ion: 83 Resp: 409117

Ion Ratio Lower Upper

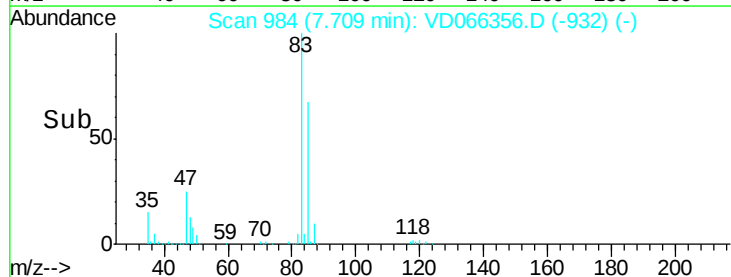
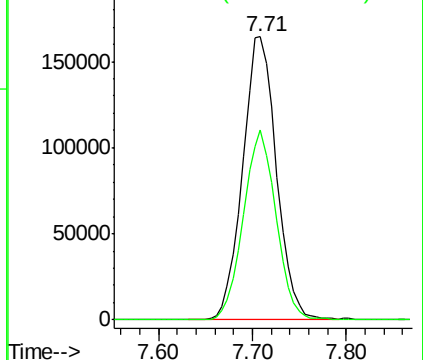
83 100

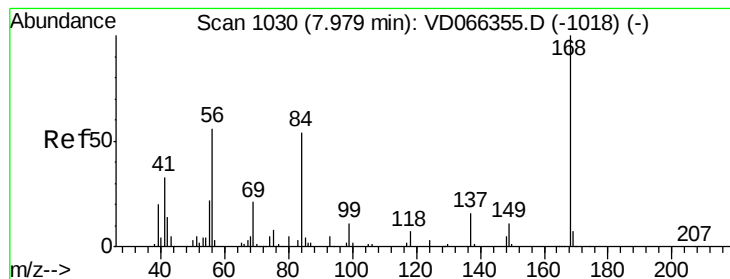
85 67.0 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 83.712 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

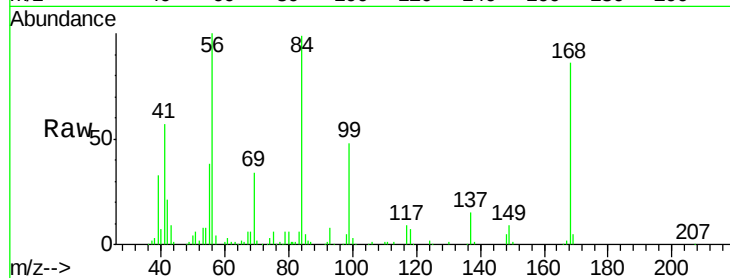
Tgt Ion: 56 Resp: 291829

Ion Ratio Lower Upper

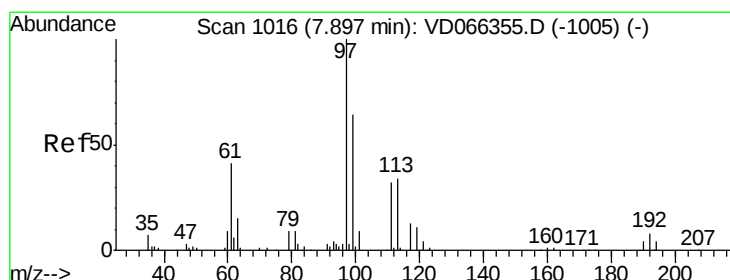
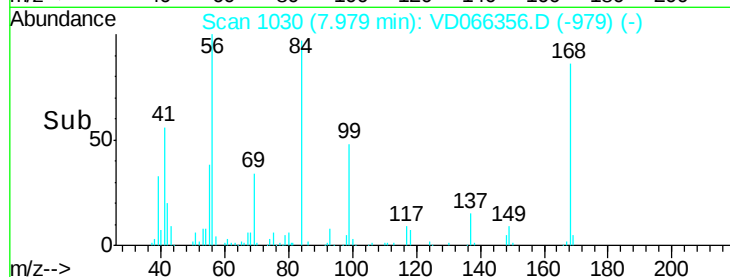
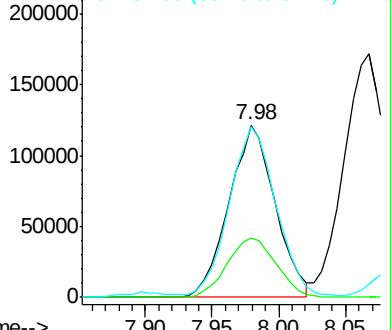
56 100

69 34.1 29.6 44.4

84 95.9 76.6 115.0



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



#32

1,1,1-Trichloroethane

Concen: 99.014 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

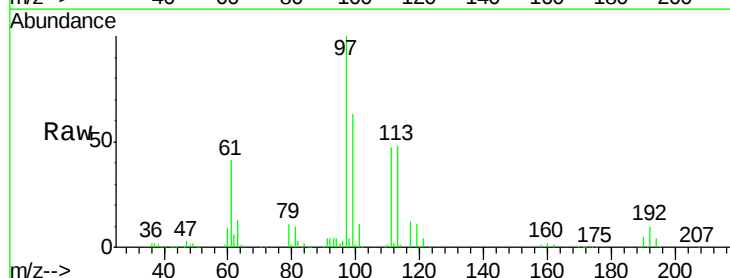
Tgt Ion: 97 Resp: 419399

Ion Ratio Lower Upper

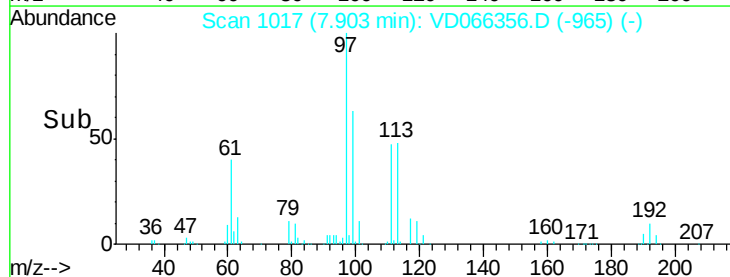
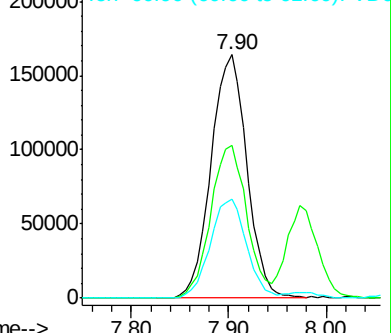
97 100

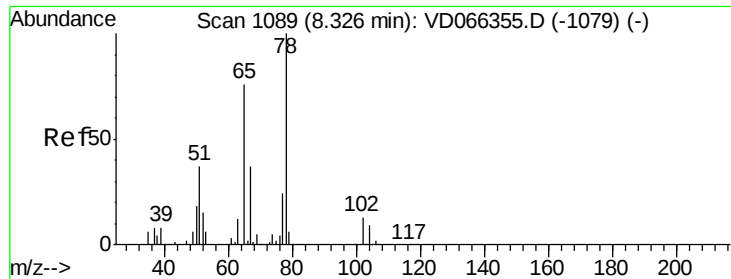
99 63.7 51.5 77.3

61 41.3 33.3 49.9



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





#33

1,2-Dichloroethane-d4

Concen: 105.261 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

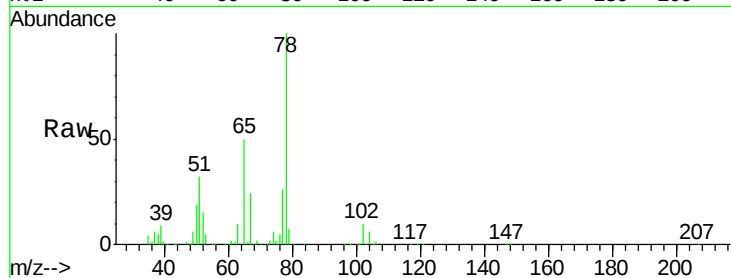
VSTDIC100

Tgt Ion: 65 Resp: 243686

Ion Ratio Lower Upper

65 100

67 48.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

60000

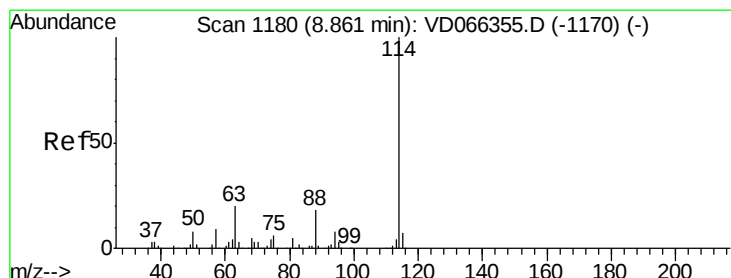
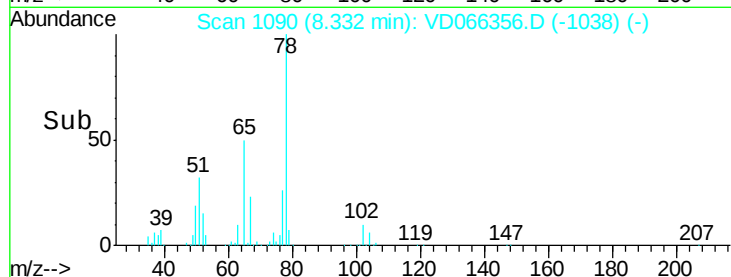
40000

20000

0

Time-->

8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

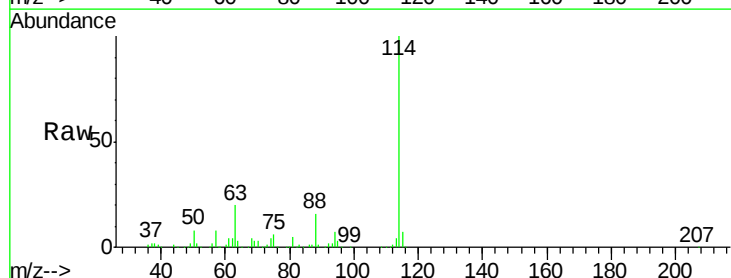
Tgt Ion: 114 Resp: 350587

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 15.5 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

200000

150000

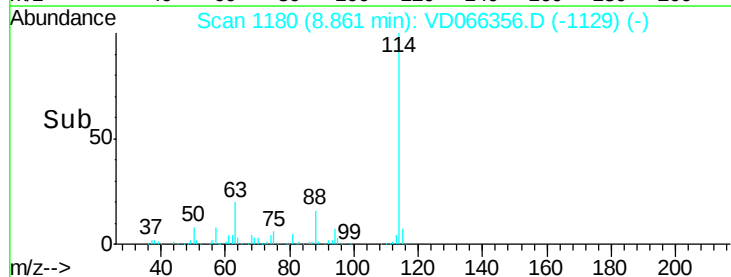
100000

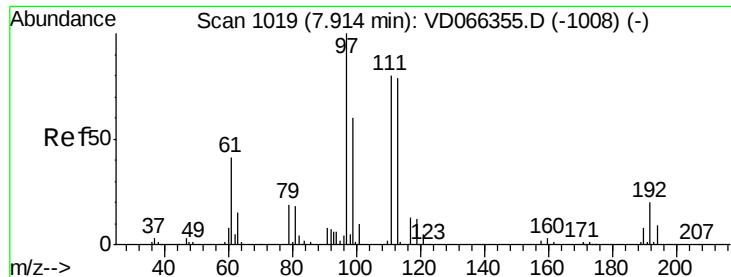
50000

0

Time-->

8.80 8.90 9.00

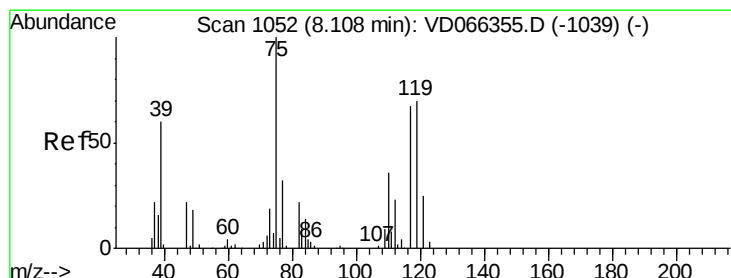
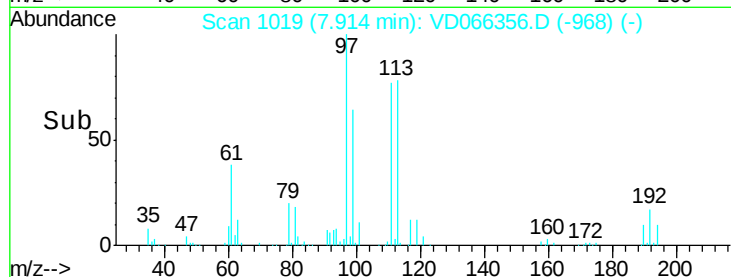
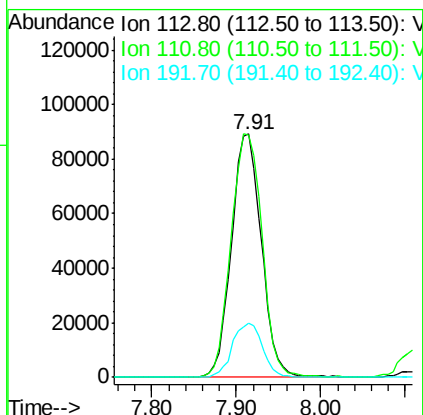
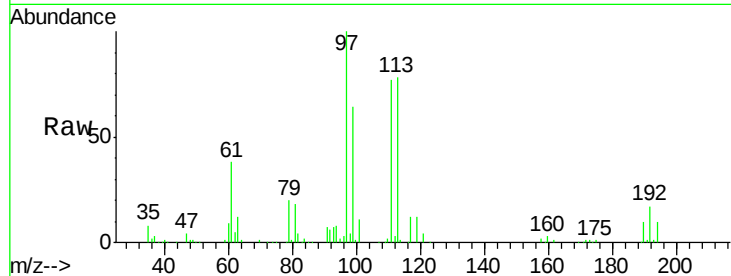




#35
 Dibromofluoromethane
 Concen: 99.125 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

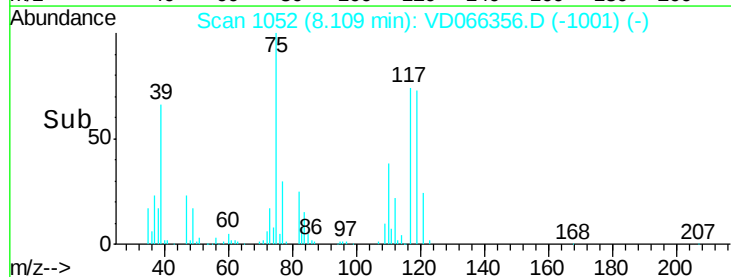
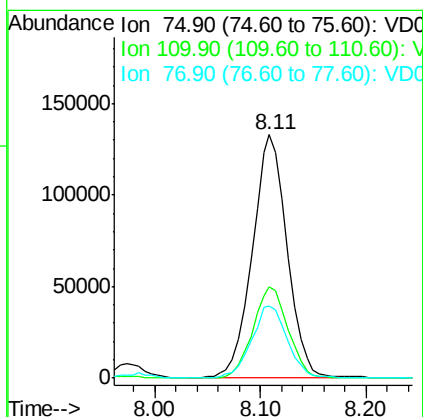
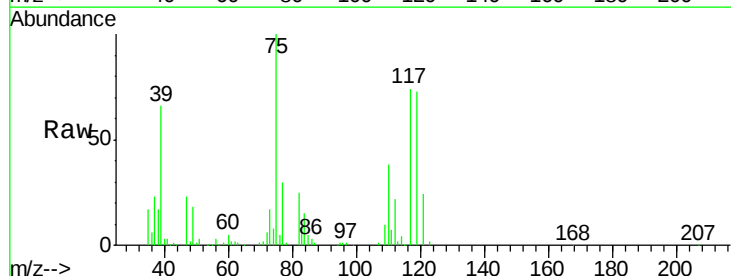
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

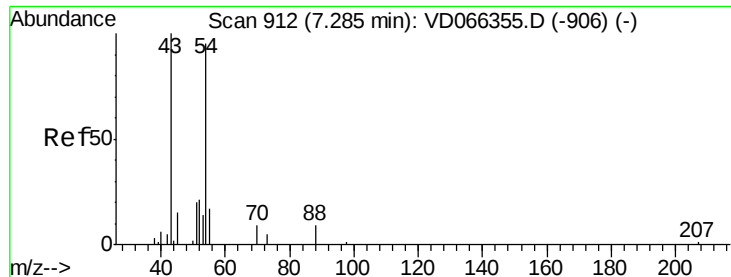
Tgt Ion: 113 Resp: 217902
 Ion Ratio Lower Upper
 113 100
 111 104.0 80.3 120.5
 192 22.5 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 91.547 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Tgt Ion: 75 Resp: 304227
 Ion Ratio Lower Upper
 75 100
 110 38.1 18.7 56.1
 77 30.7 25.2 37.8

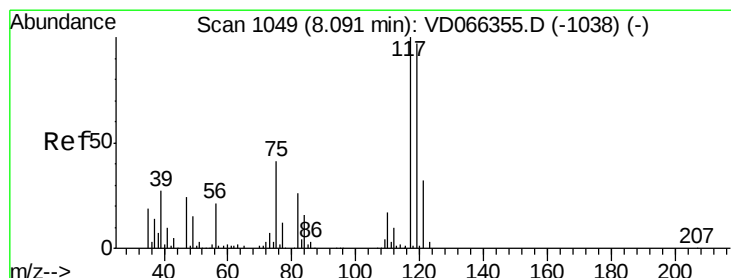
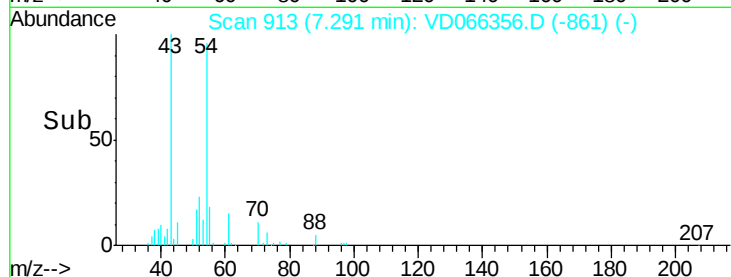
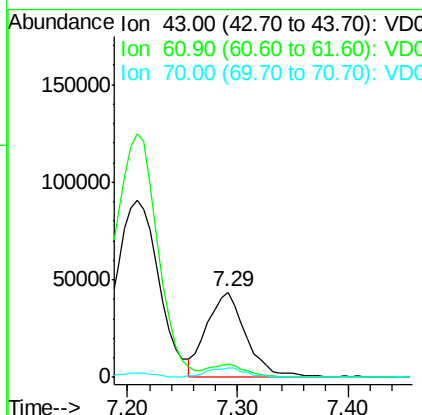
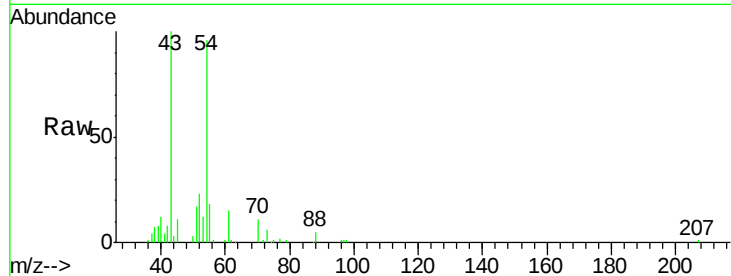




#37
 Ethyl Acetate
 Concen: 92.698 ug/l
 RT: 7.29 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

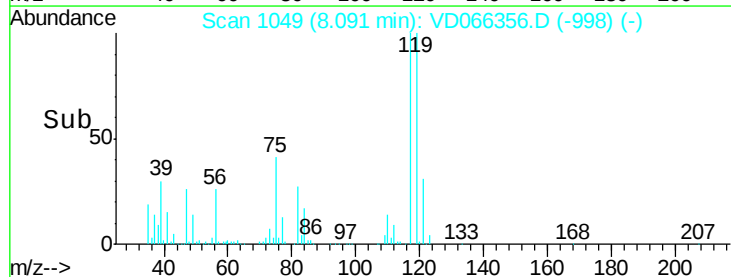
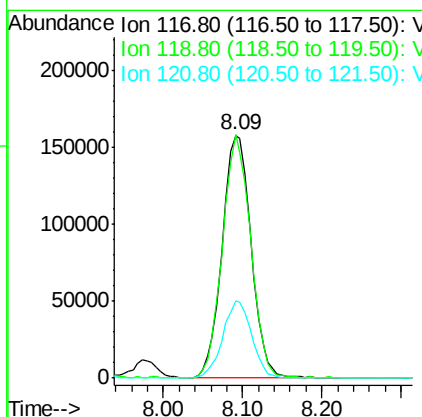
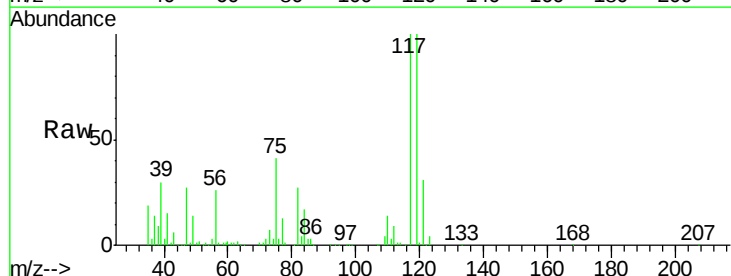
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

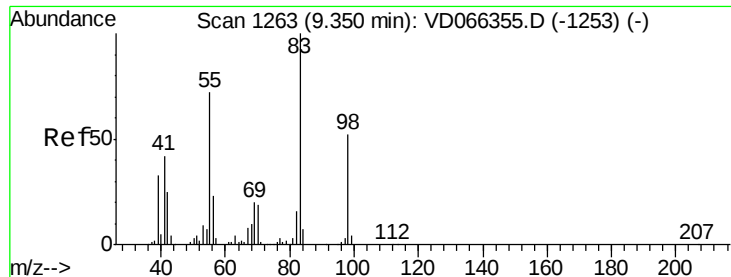
Tgt Ion: 43 Resp: 106228
 Ion Ratio Lower Upper
 43 100
 61 14.1 13.3 19.9
 70 11.5 3.5 5.3#



#38
 Carbon Tetrachloride
 Concen: 91.980 ug/l
 RT: 8.09 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Tgt Ion: 117 Resp: 398806
 Ion Ratio Lower Upper
 117 100
 119 100.1 77.2 115.8
 121 31.5 25.8 38.8

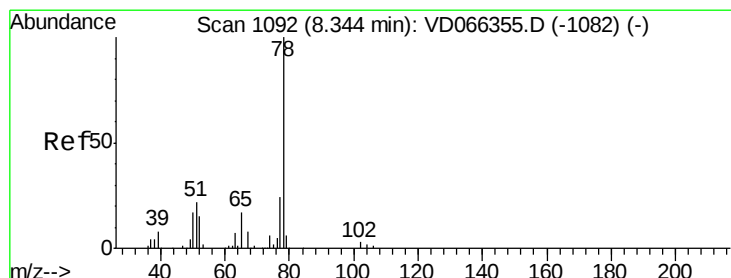
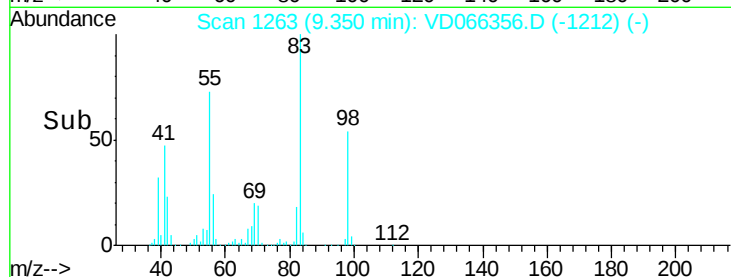
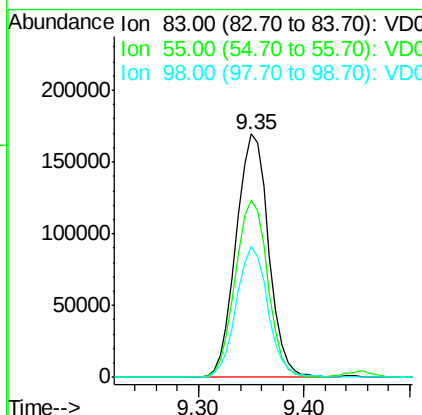
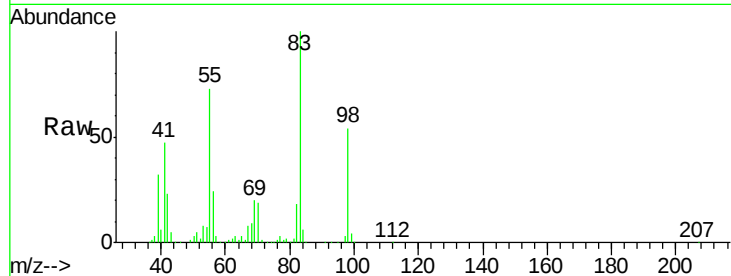




#39
Methylcyclohexane
Concen: 93.849 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

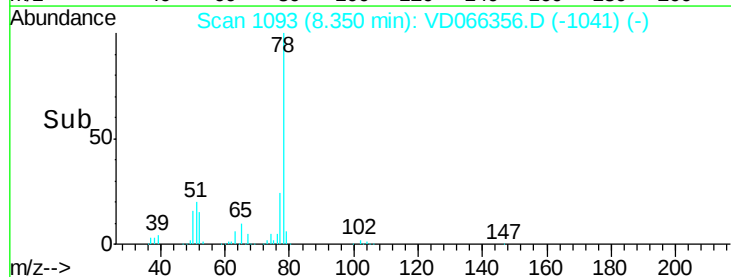
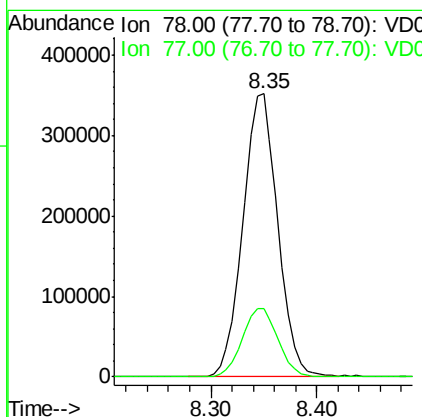
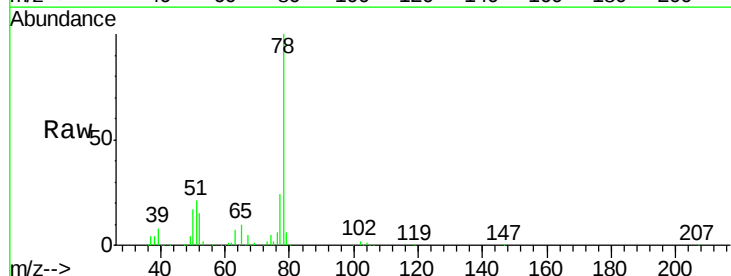
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

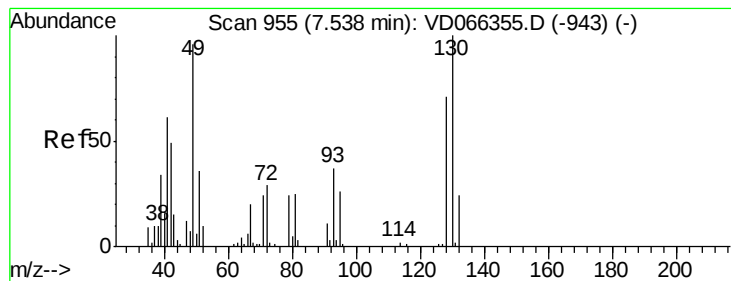
Tgt Ion: 83 Resp: 362963
Ion Ratio Lower Upper
83 100
55 72.9 58.0 87.0
98 54.0 41.9 62.9



#40
Benzene
Concen: 92.695 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Tgt Ion: 78 Resp: 807085
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2





#41

Methacrylonitrile

Concen: 125.738 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 81980

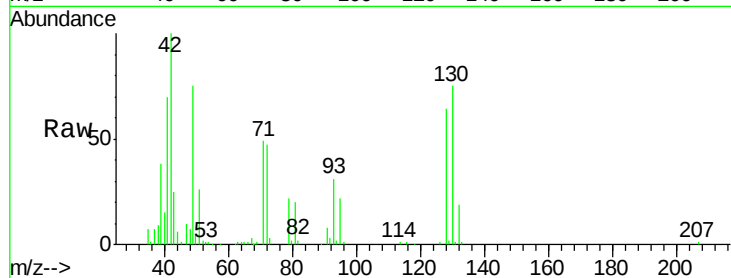
Ion Ratio Lower Upper

41 100

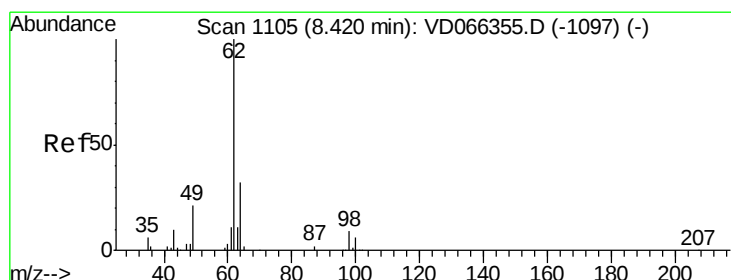
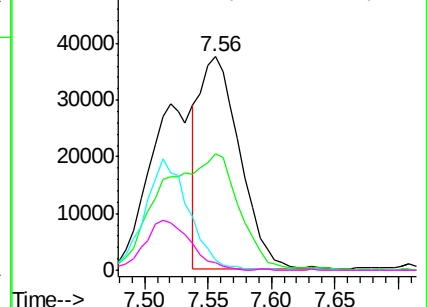
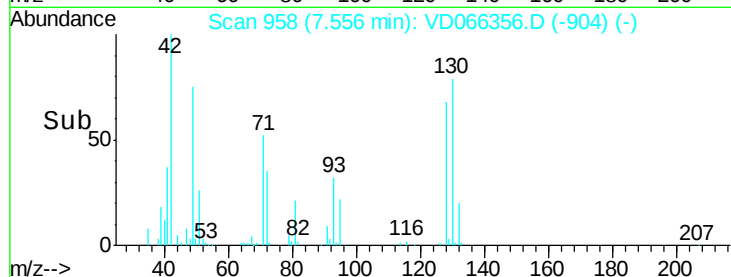
39 108.3 51.8 77.8#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



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



#42

1,2-Dichloroethane

Concen: 95.346 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066356.D

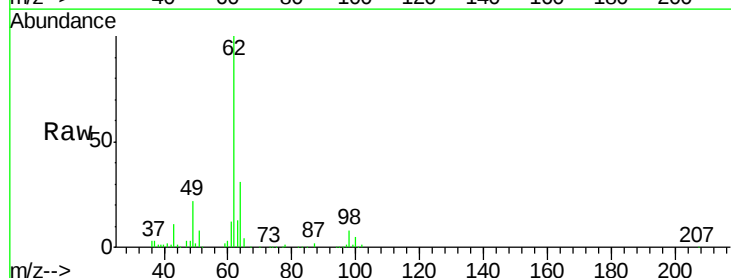
Acq: 21 Aug 2020 12:47

Tgt Ion: 62 Resp: 285918

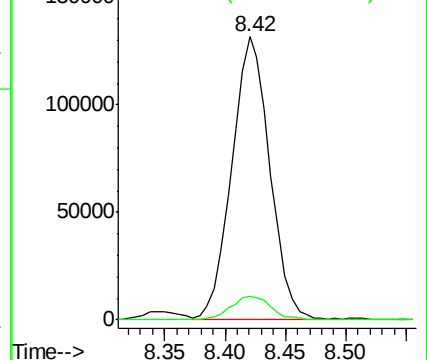
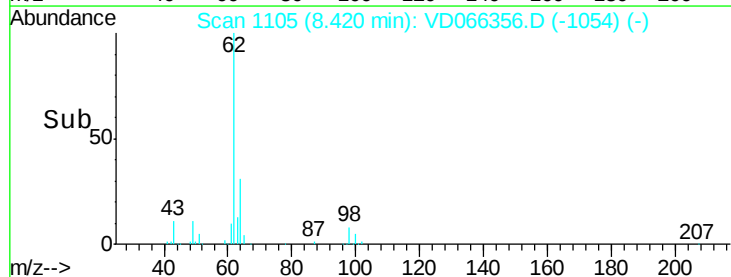
Ion Ratio Lower Upper

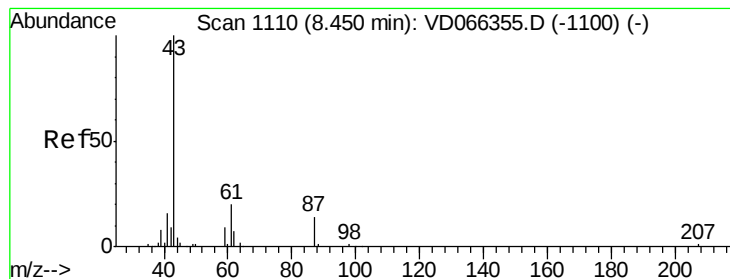
62 100

98 8.8 0.0 16.2



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





#43

Isopropyl Acetate

Concen: 101.223 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

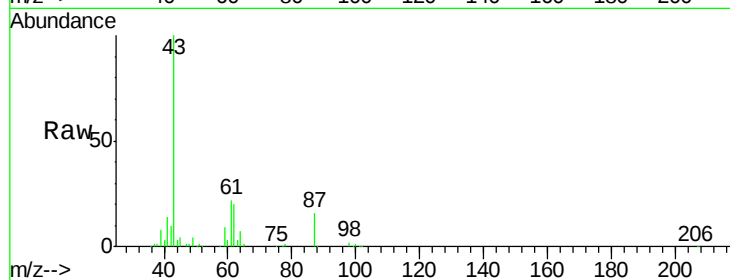
Tgt Ion: 43 Resp: 219883

Ion Ratio Lower Upper

43 100

61 32.1 26.5 39.7

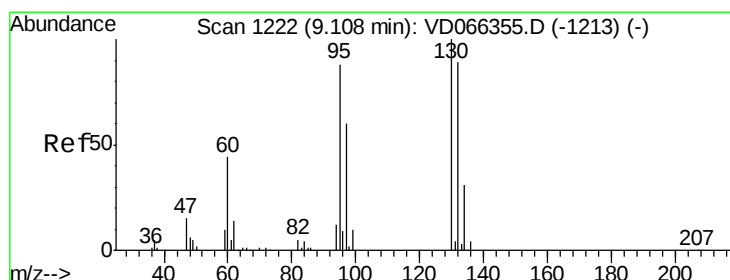
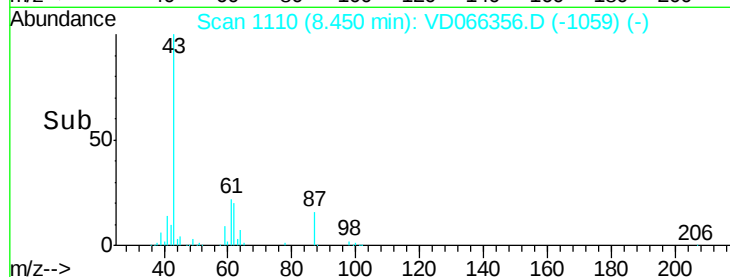
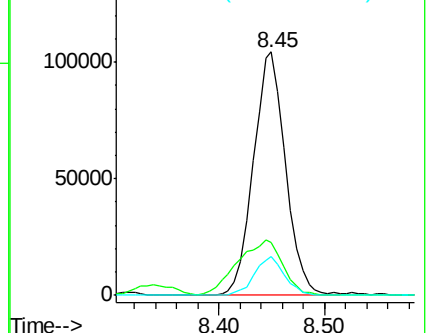
87 15.2 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 90.968 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066356.D

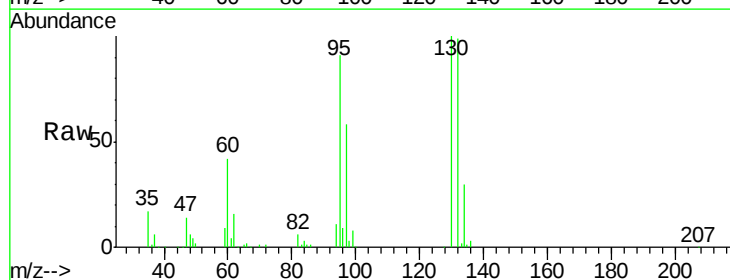
Acq: 21 Aug 2020 12:47

Tgt Ion: 130 Resp: 258952

Ion Ratio Lower Upper

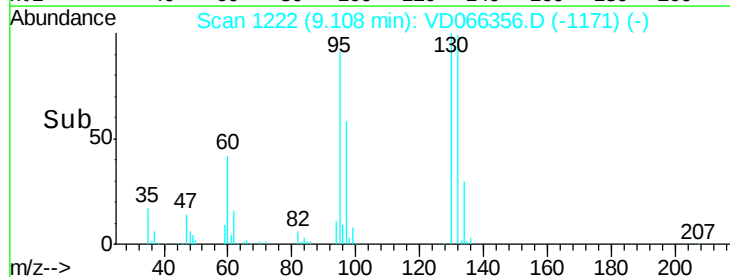
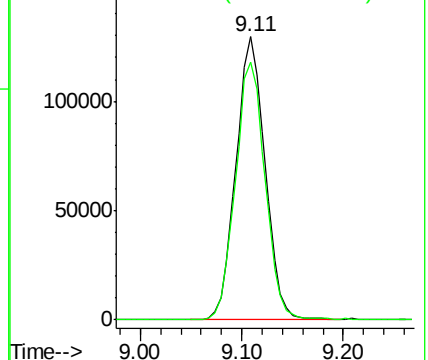
130 100

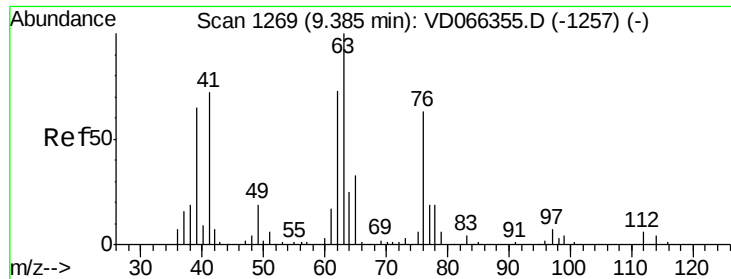
95 91.1 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

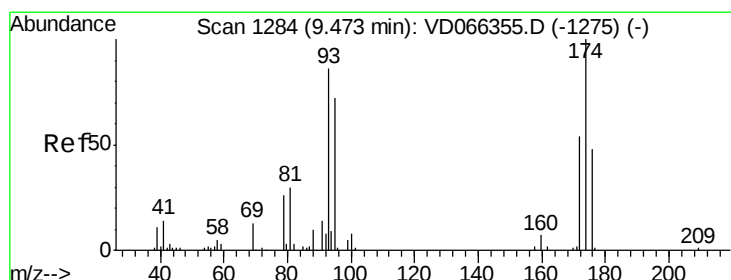
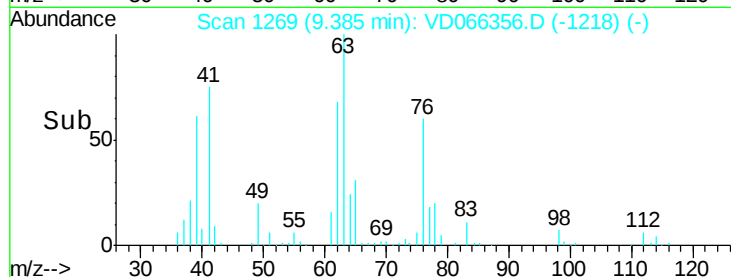
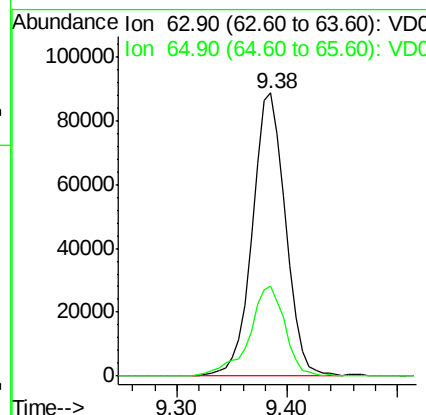
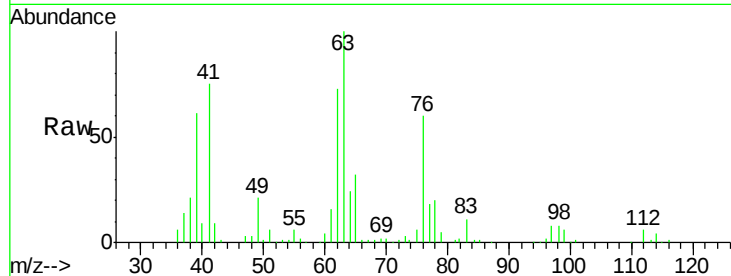




#45
 1,2-Dichloropropane
 Concen: 96.354 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

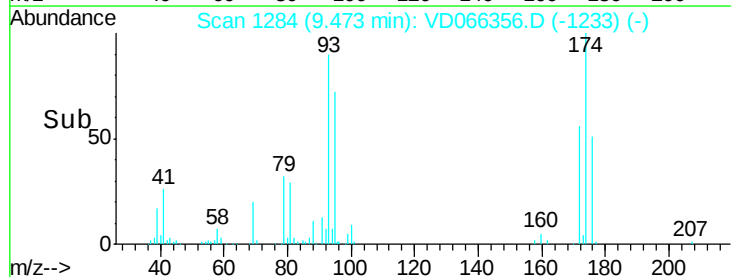
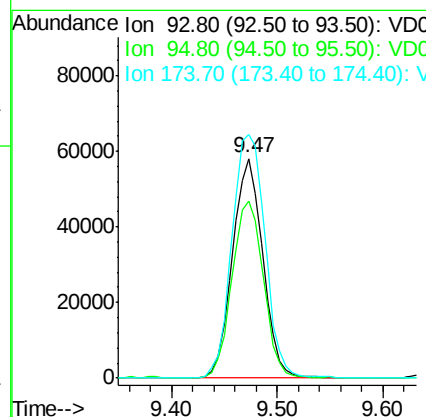
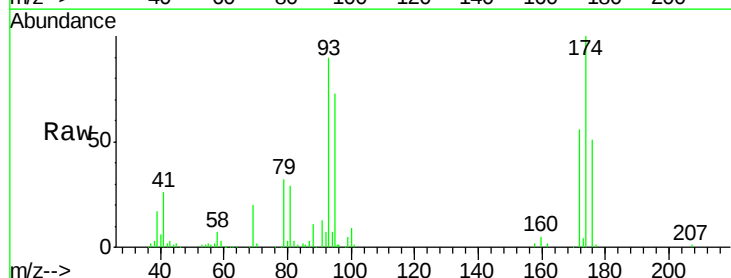
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

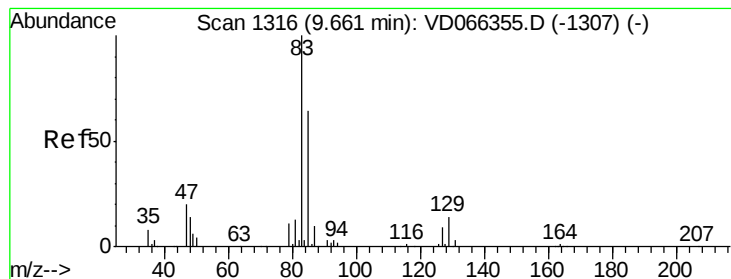
Tgt Ion: 63 Resp: 186793
 Ion Ratio Lower Upper
 63 100
 65 31.7 26.4 39.6



#46
 Dibromomethane
 Concen: 95.549 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Tgt Ion: 93 Resp: 115512
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.0 99.0
 174 121.5 94.6 141.8





#47

Bromodichloromethane

Concen: 95.562 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

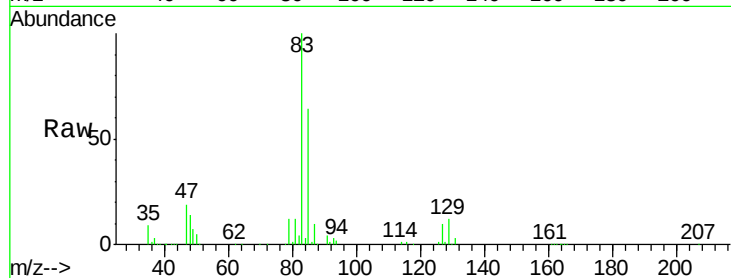
Tgt Ion: 83 Resp: 319446

Ion Ratio Lower Upper

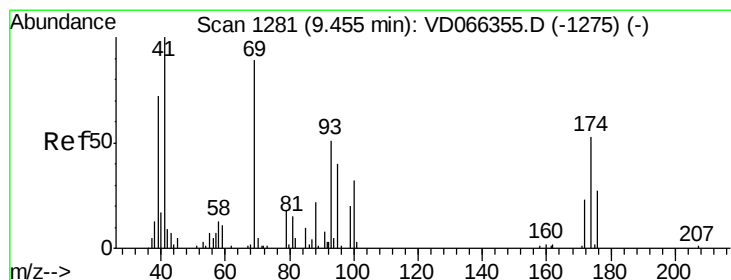
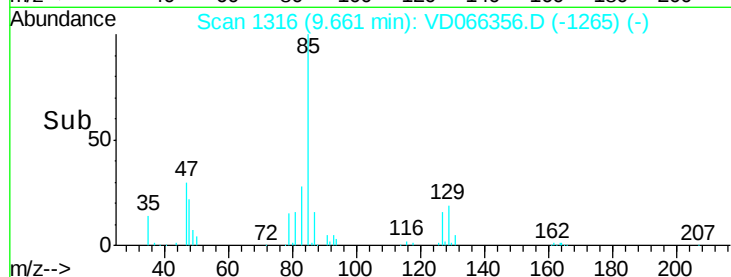
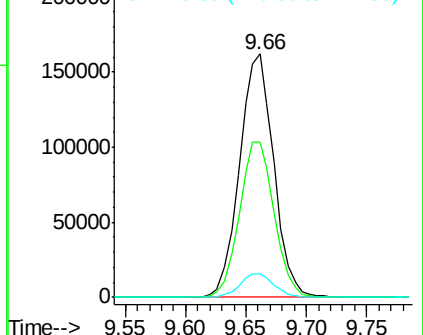
83 100

85 63.8 51.4 77.0

127 9.9 7.4 11.0



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



#48

Methyl methacrylate

Concen: 96.631 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

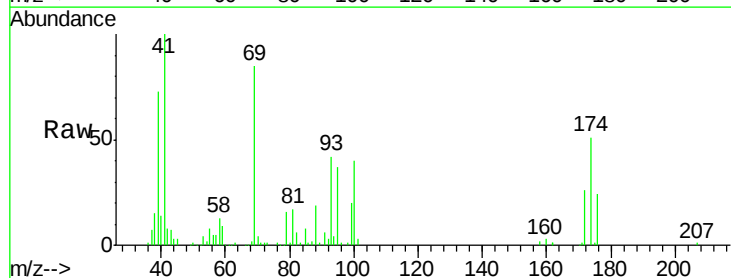
Tgt Ion: 41 Resp: 110983

Ion Ratio Lower Upper

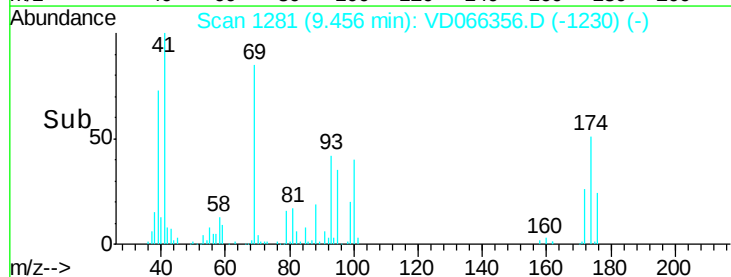
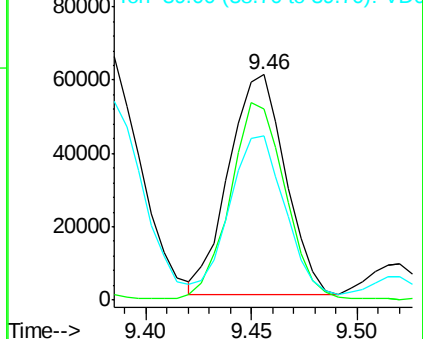
41 100

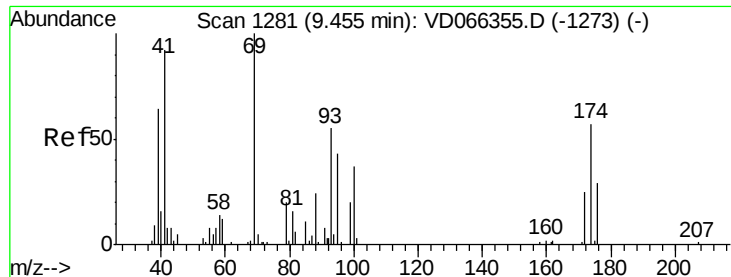
69 88.9 75.5 113.3

39 70.7 57.0 85.4



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

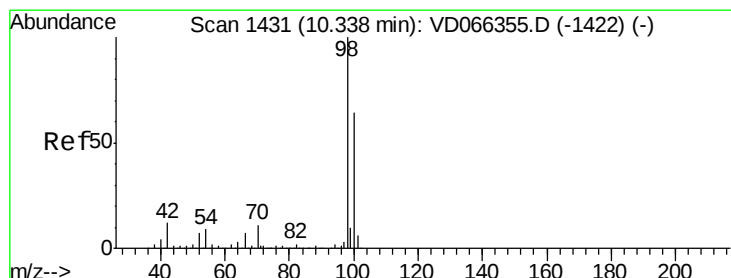
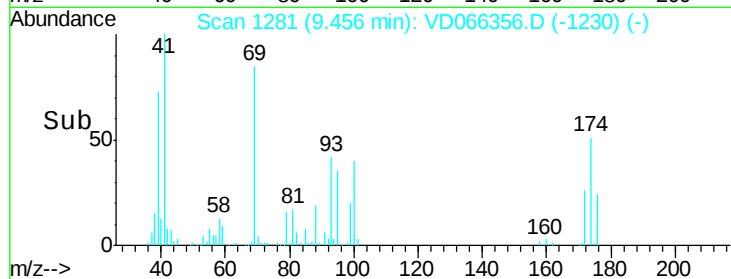
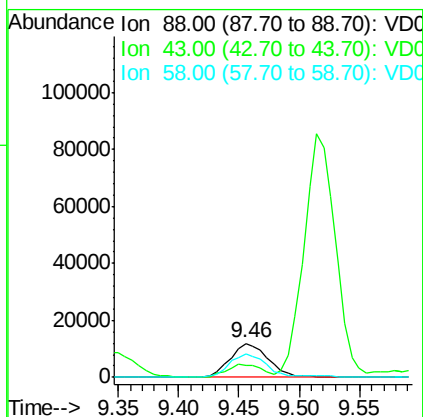
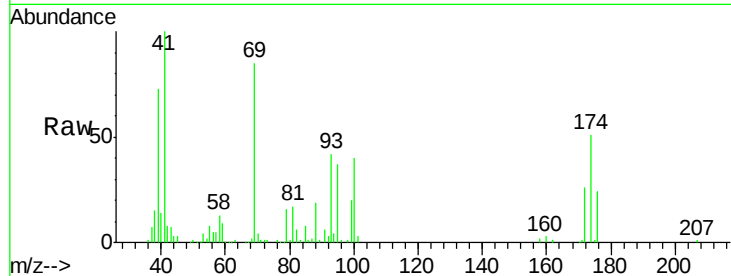




#49
1,4-Dioxane
Concen: 1872.534 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

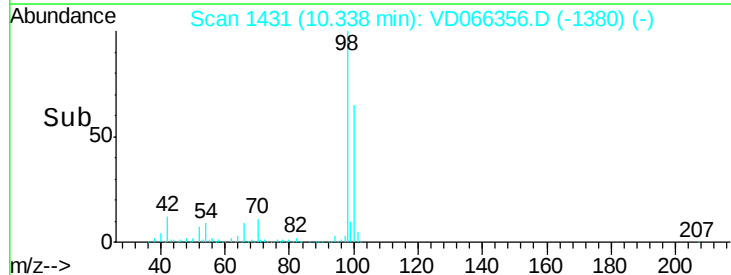
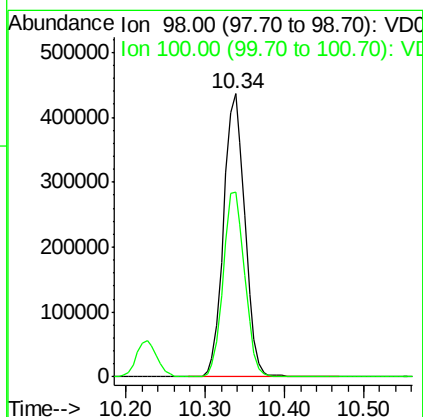
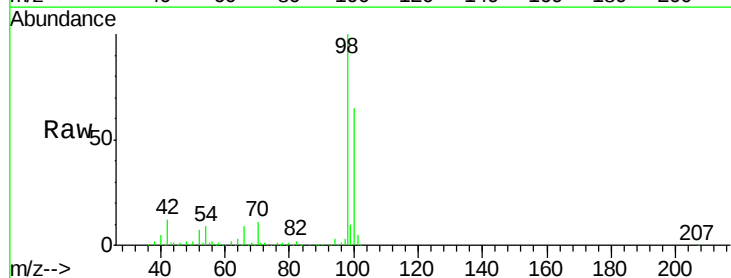
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

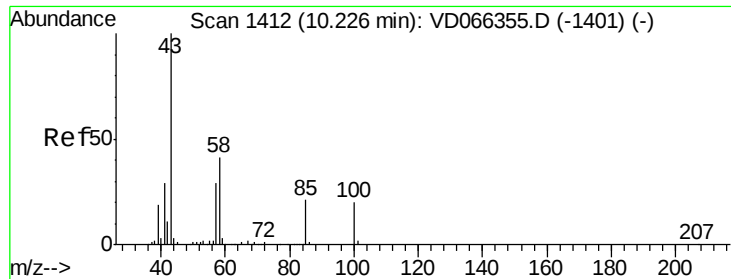
Tgt Ion: 88 Resp: 26356
Ion Ratio Lower Upper
88 100
43 35.3 29.4 44.0
58 65.6 45.4 68.2



#50
Toluene-d8
Concen: 101.489 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Tgt Ion: 98 Resp: 808860
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

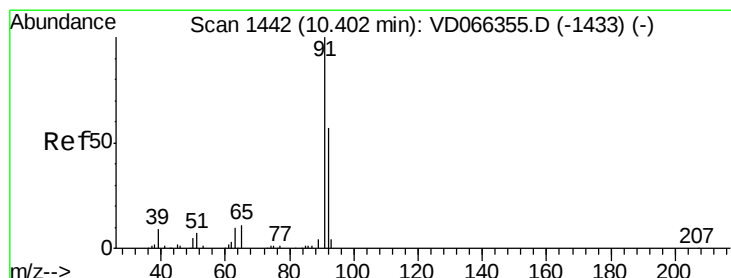
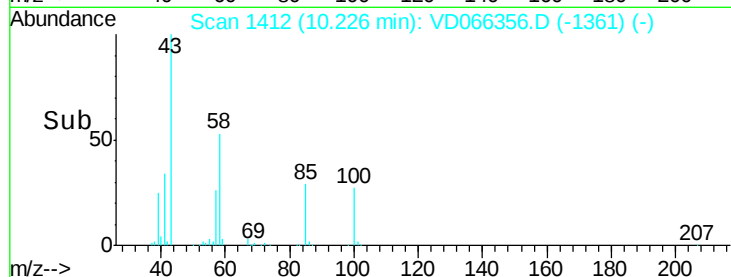
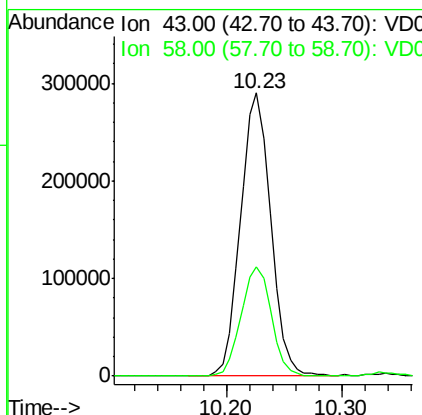
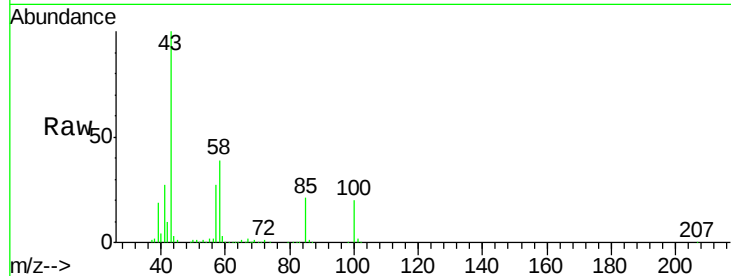




#51
 4-Methyl-2-Pentanone
 Concen: 489.207 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

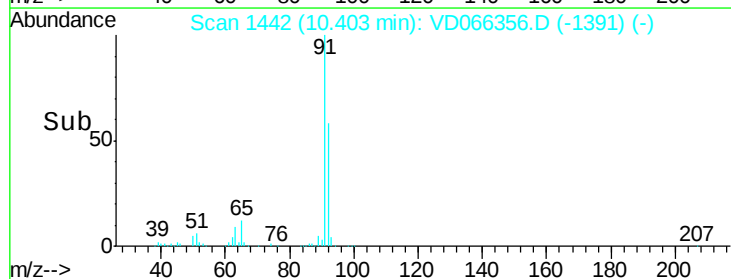
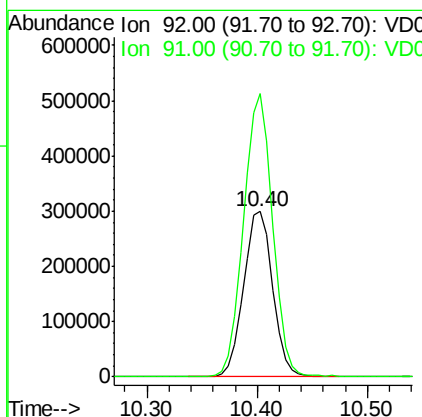
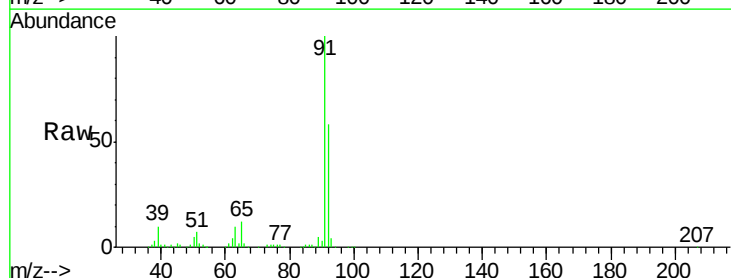
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

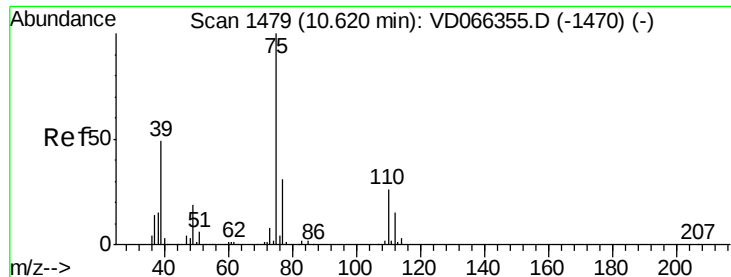
Tgt Ion: 43 Resp: 528891
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.4 47.2



#52
 Toluene
 Concen: 94.617 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Tgt Ion: 92 Resp: 554180
 Ion Ratio Lower Upper
 92 100
 91 171.3 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 100.130 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

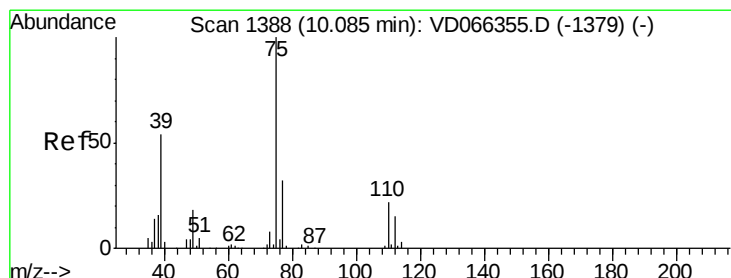
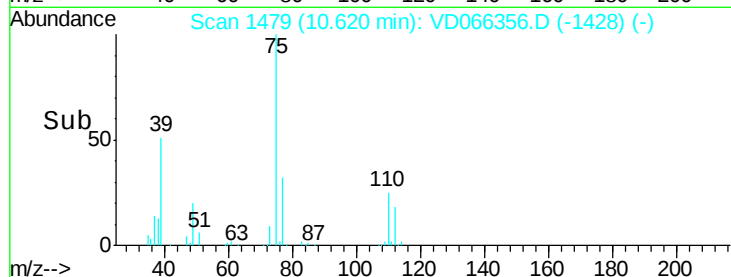
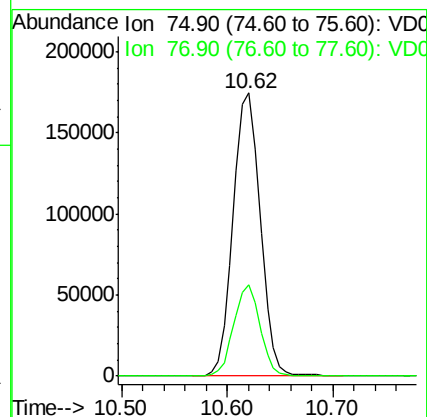
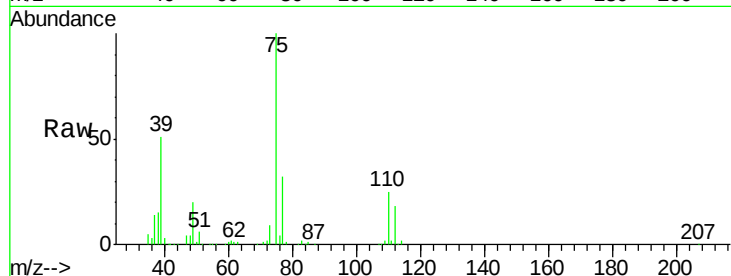
VSTDIC100

Tgt Ion: 75 Resp: 311588

Ion Ratio Lower Upper

75 100

77 32.2 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 98.727 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

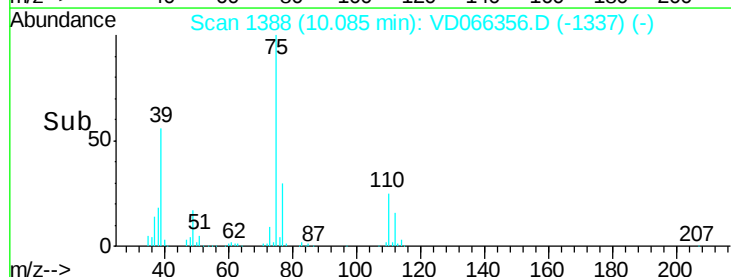
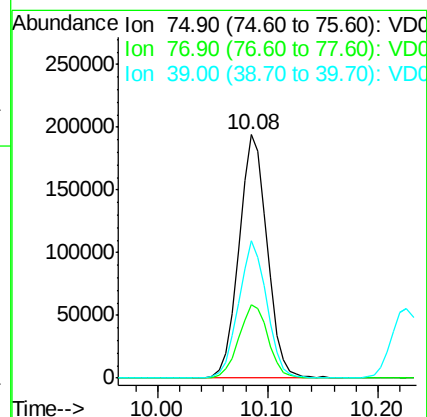
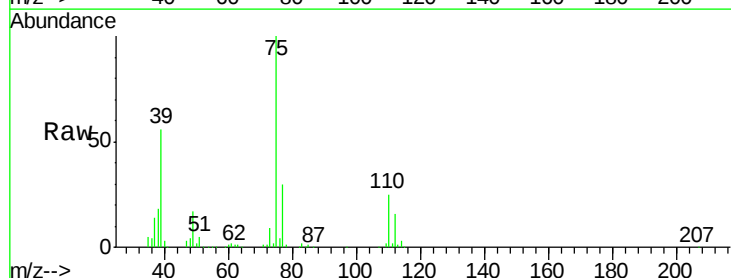
Tgt Ion: 75 Resp: 348345

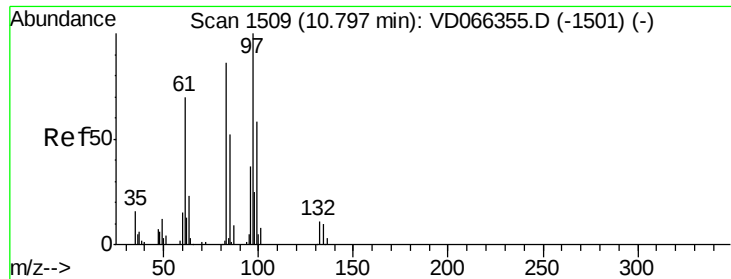
Ion Ratio Lower Upper

75 100

77 29.9 25.6 38.4

39 56.3 43.4 65.0

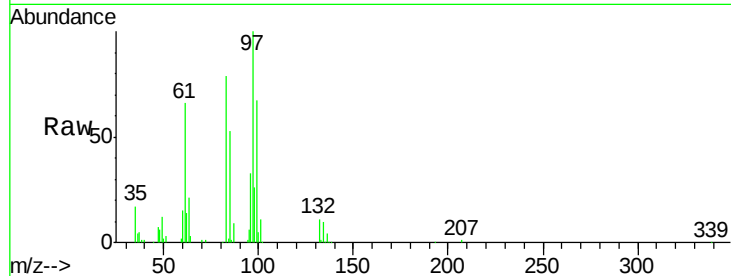




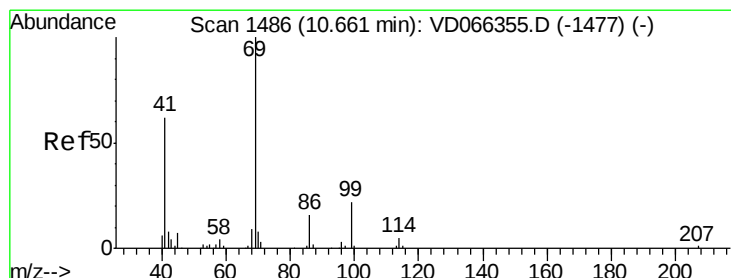
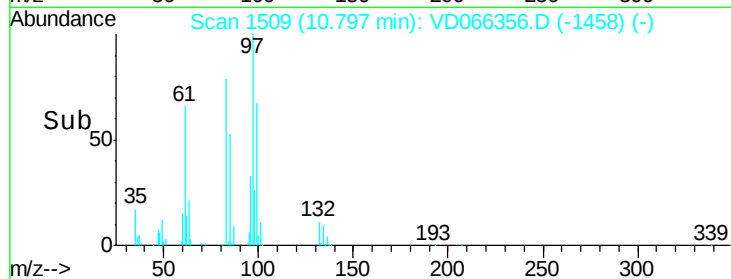
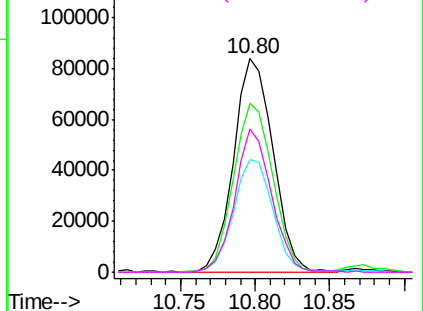
#55
 1,1,2-Trichloroethane
 Concen: 94.745 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 97 Resp: 154239
 Ion Ratio Lower Upper
 97 100
 83 78.6 68.4 102.6
 85 53.0 41.3 61.9
 99 67.3 46.1 69.1

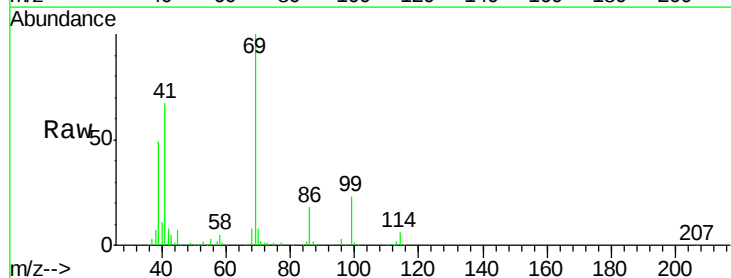


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

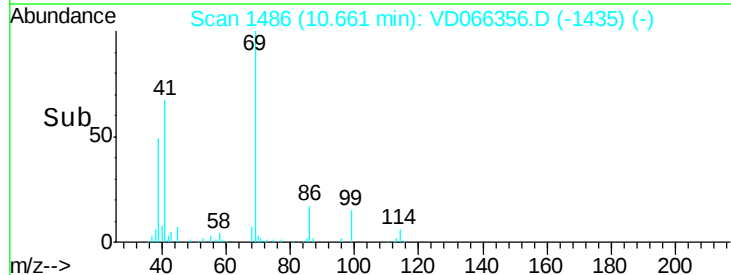
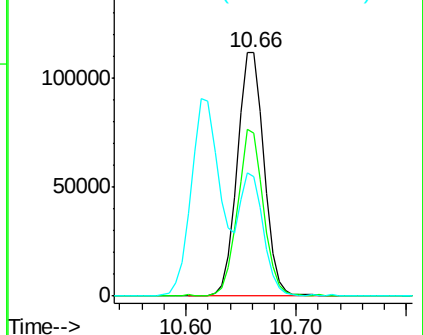


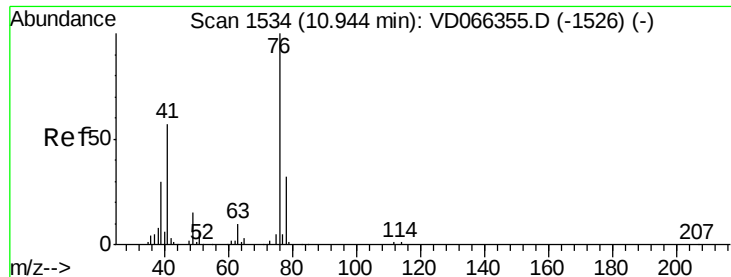
#56
 Ethyl methacrylate
 Concen: 102.090 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Tgt Ion: 69 Resp: 191737
 Ion Ratio Lower Upper
 69 100
 41 66.2 50.8 76.2
 39 42.4 32.9 49.3



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

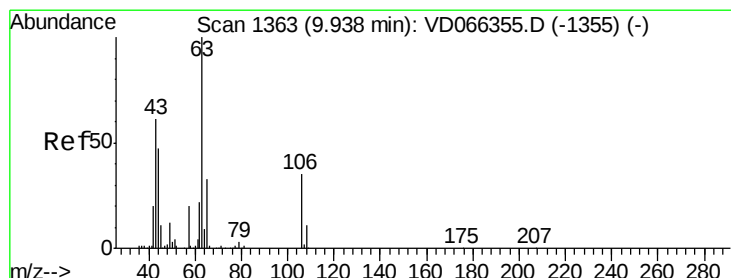
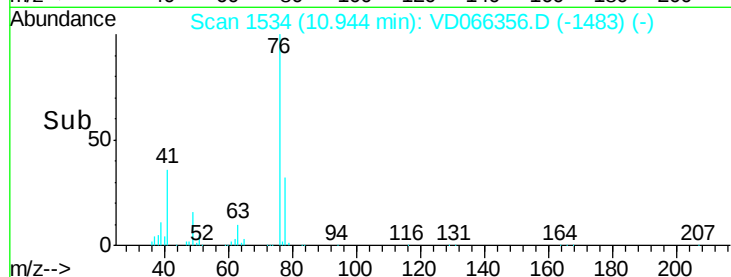
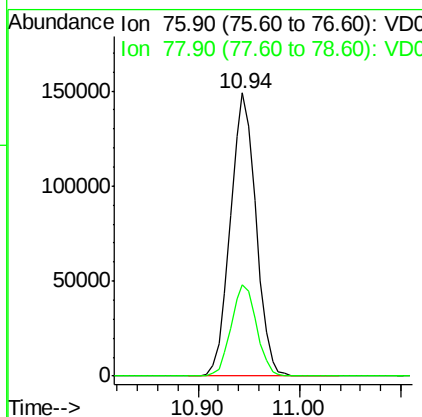
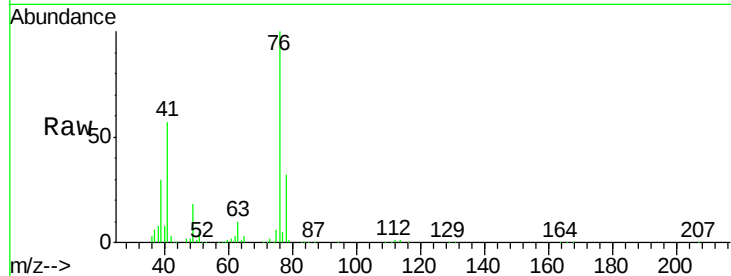




#57
 1,3-Dichloropropane
 Concen: 96.909 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

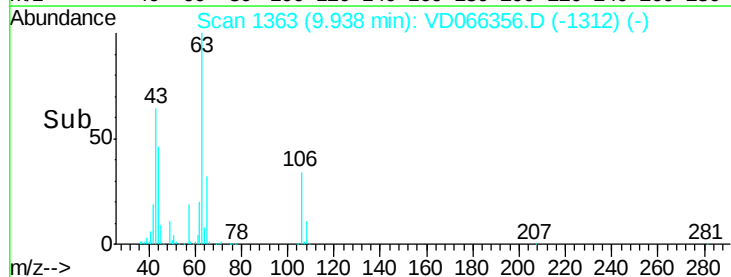
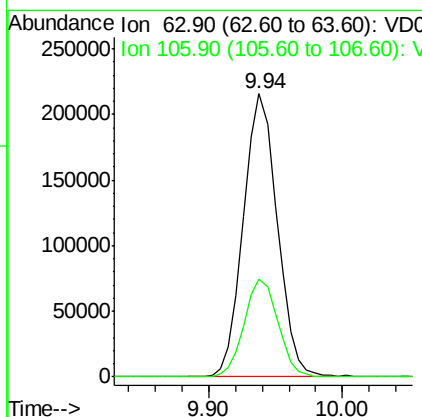
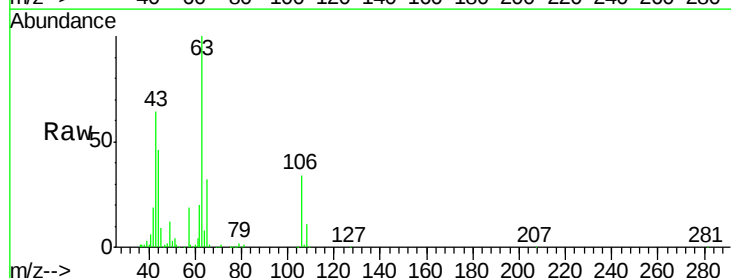
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

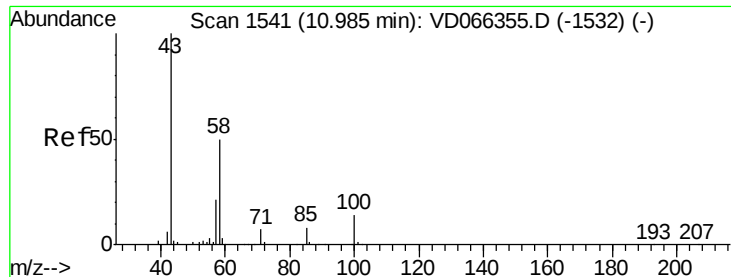
Tgt Ion: 76 Resp: 260625
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 472.332 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Tgt Ion: 63 Resp: 378546
 Ion Ratio Lower Upper
 63 100
 106 34.4 27.1 40.7

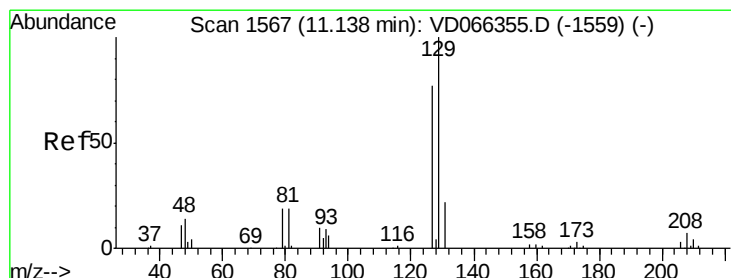
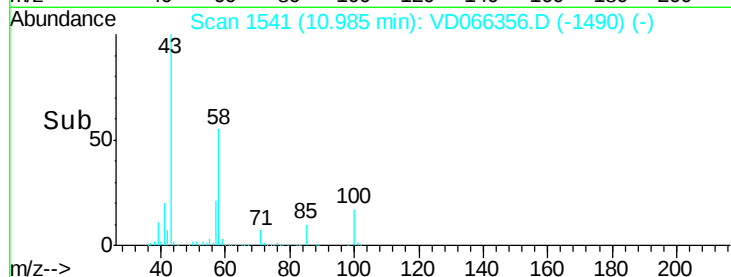
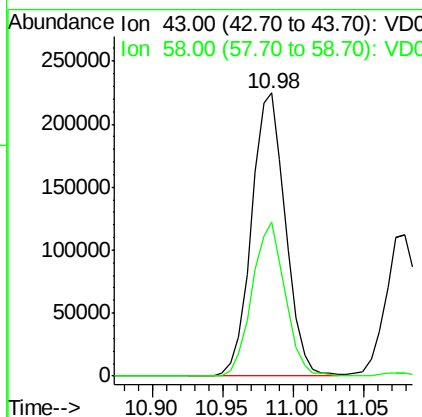
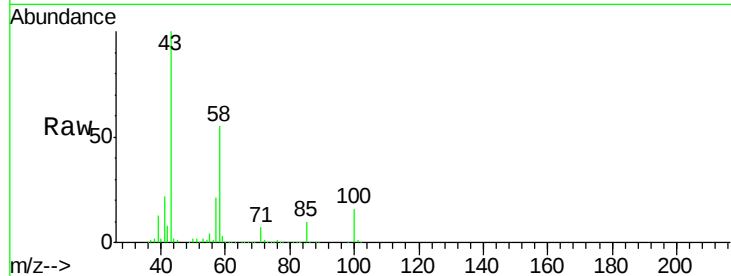




#59
2-Hexanone
Concen: 494.726 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

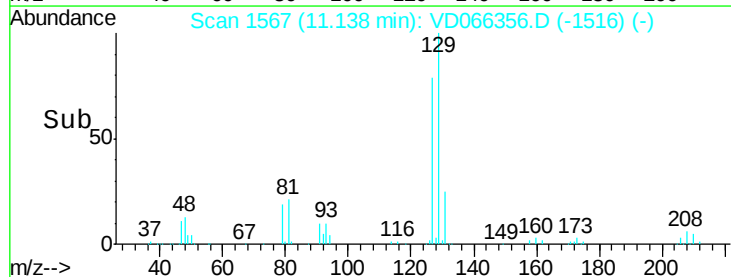
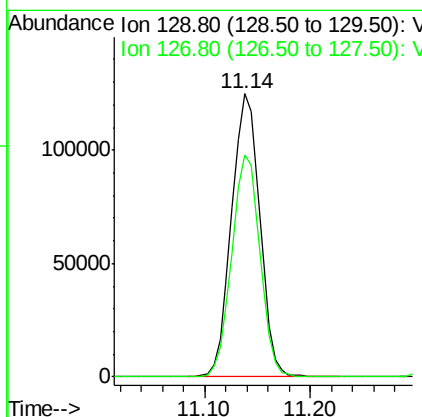
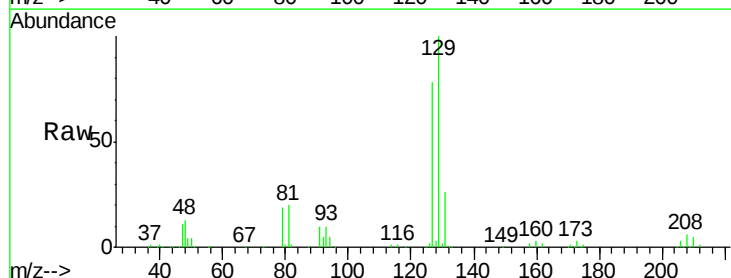
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

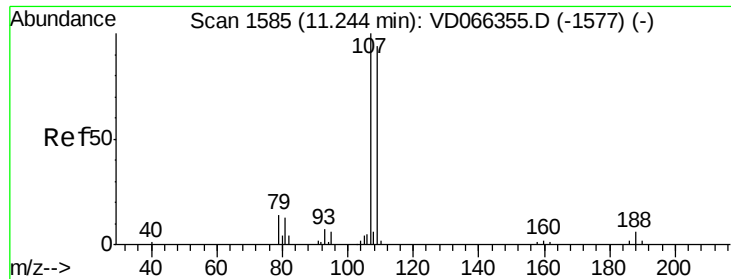
Tgt Ion: 43 Resp: 379680
Ion Ratio Lower Upper
43 100
58 52.9 26.3 78.8



#60
Dibromochloromethane
Concen: 93.348 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Tgt Ion: 129 Resp: 231845
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

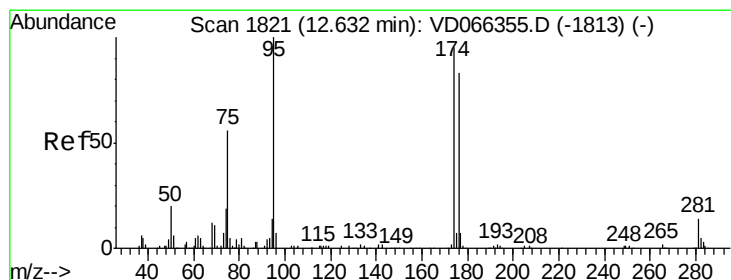
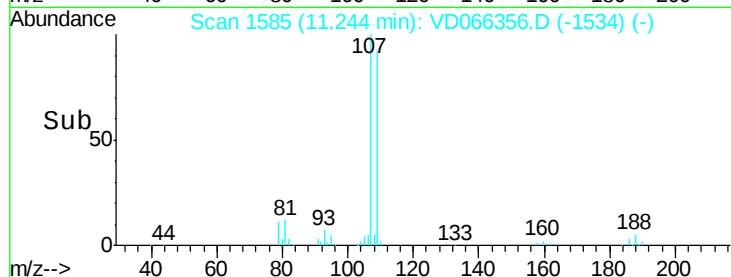
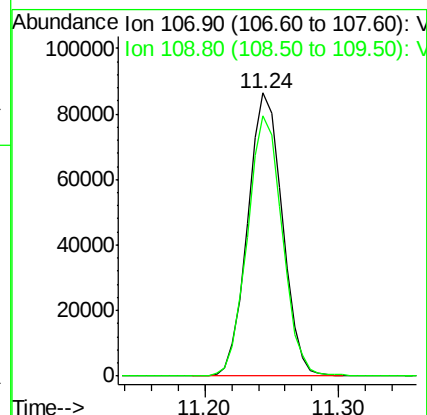
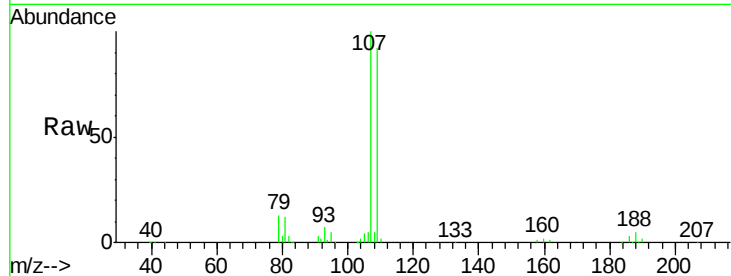




#61
 1,2-Dibromoethane
 Concen: 95.360 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

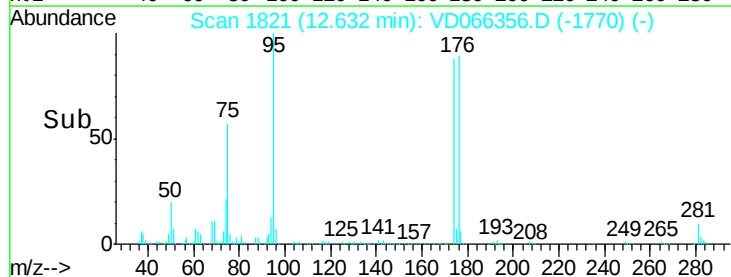
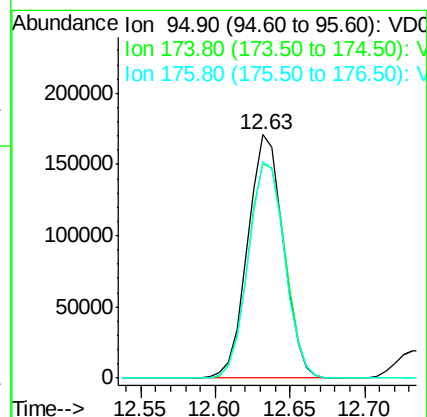
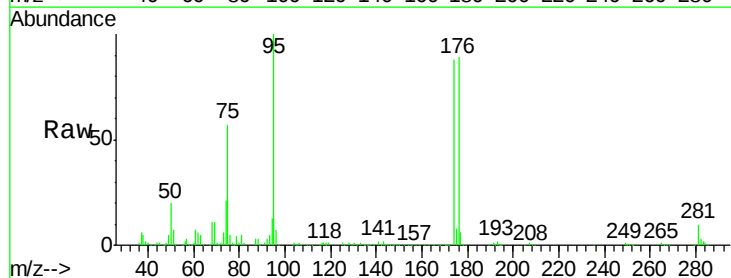
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

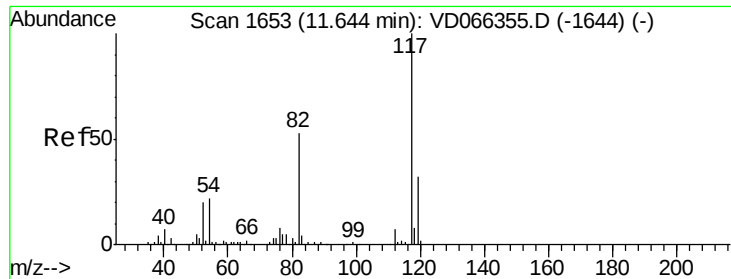
Tgt Ion: 107 Resp: 154282
 Ion Ratio Lower Upper
 107 100
 109 92.9 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 97.192 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Tgt Ion: 95 Resp: 281458
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 183.4
 176 90.8 0.0 173.8

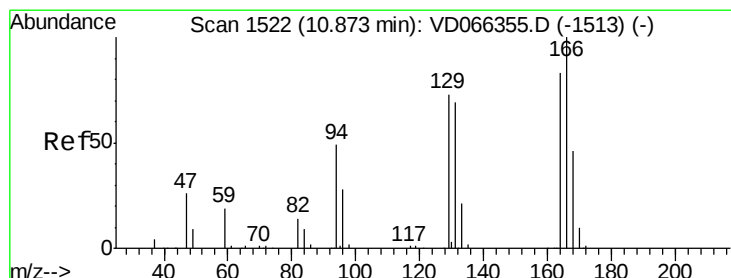
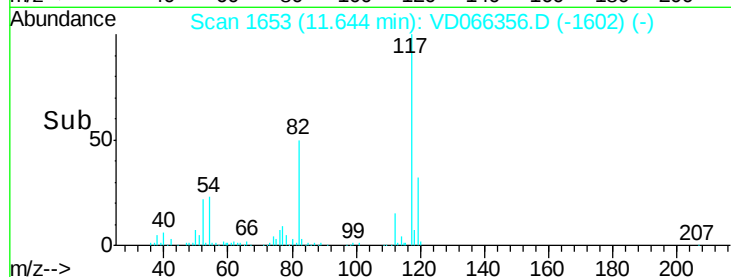
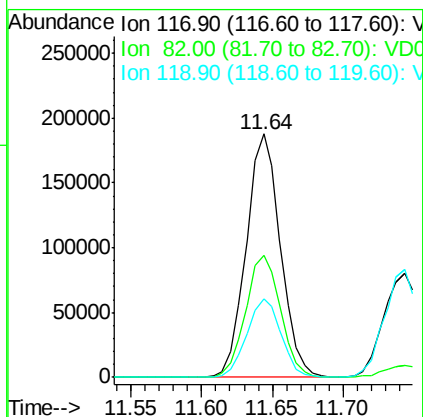
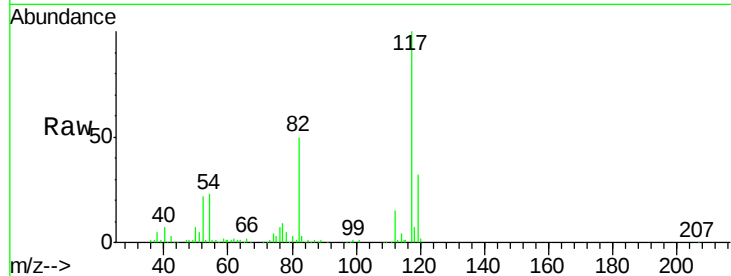




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

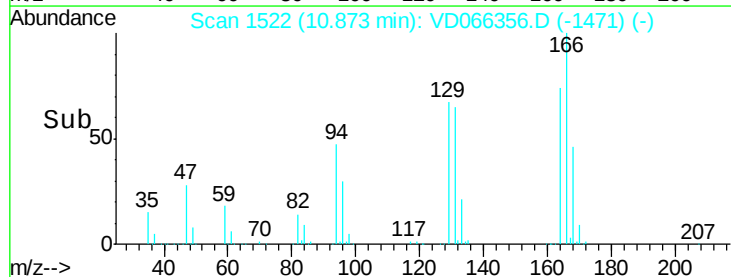
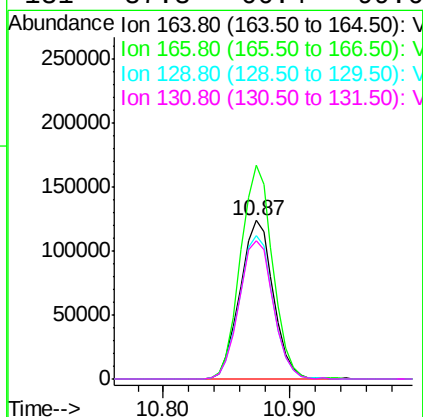
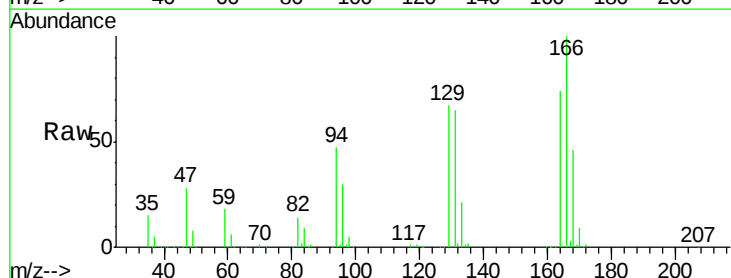
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

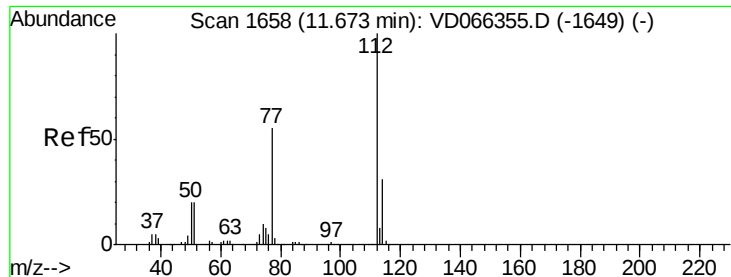
Tgt Ion:117 Resp: 319099
Ion Ratio Lower Upper
117 100
82 50.3 42.8 64.2
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 91.139 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Tgt Ion:164 Resp: 225411
Ion Ratio Lower Upper
164 100
166 135.1 96.2 144.4
129 90.7 70.3 105.5
131 87.3 66.4 99.6





#65

Chlorobenzene

Concen: 95.000 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

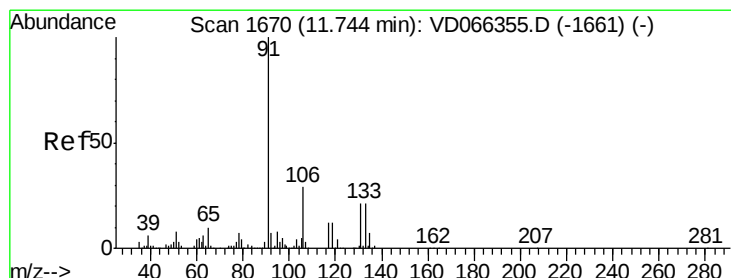
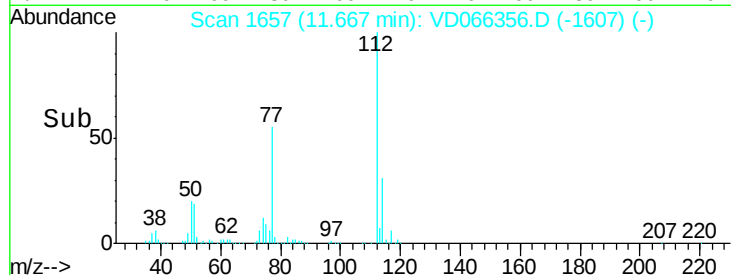
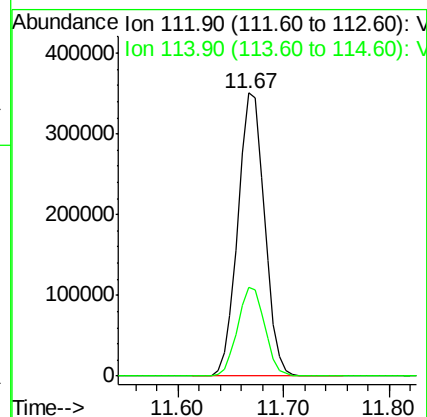
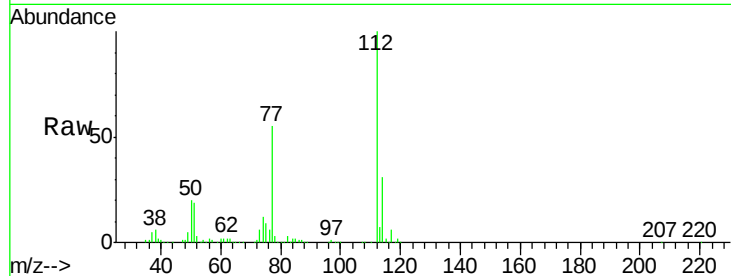
VSTDIC100

Tgt Ion:112 Resp: 611825

Ion Ratio Lower Upper

112 100

114 31.3 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 92.689 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

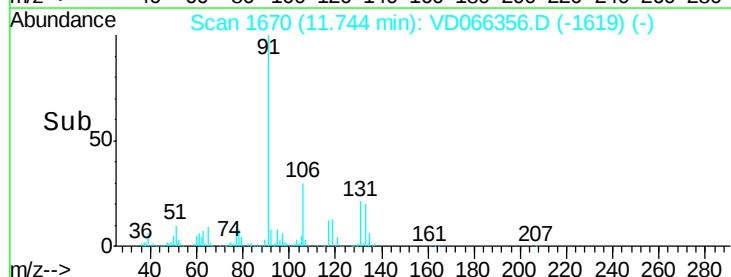
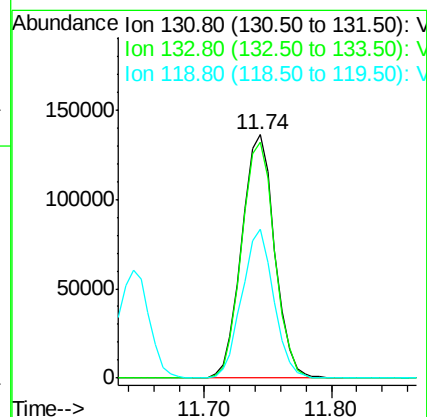
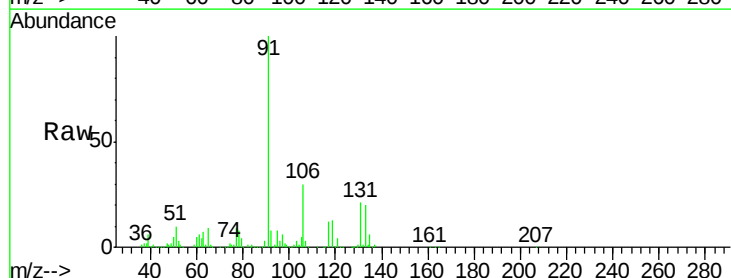
Tgt Ion:131 Resp: 245108

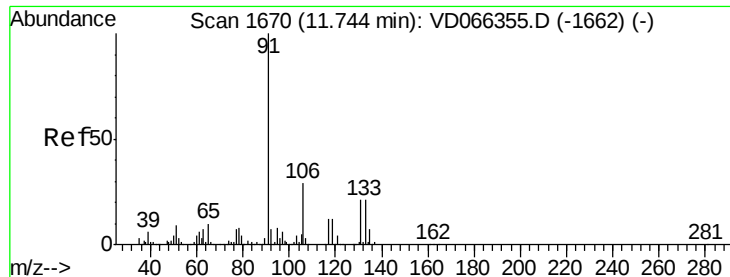
Ion Ratio Lower Upper

131 100

133 97.1 48.6 145.9

119 59.3 29.0 87.1

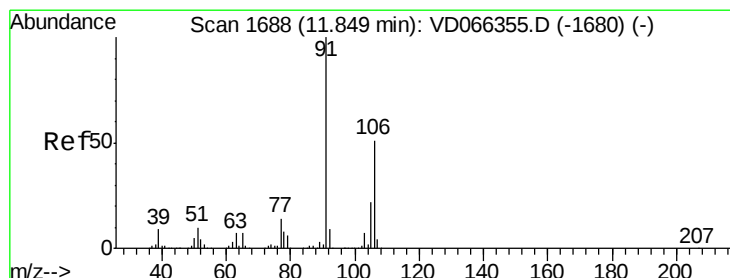
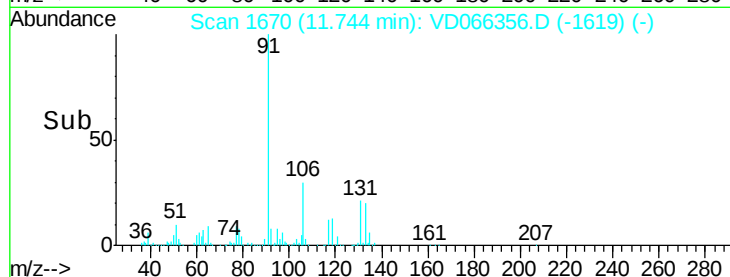
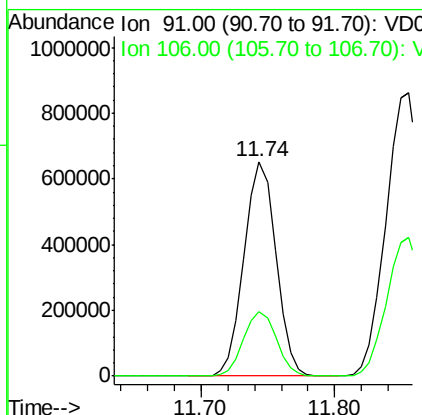
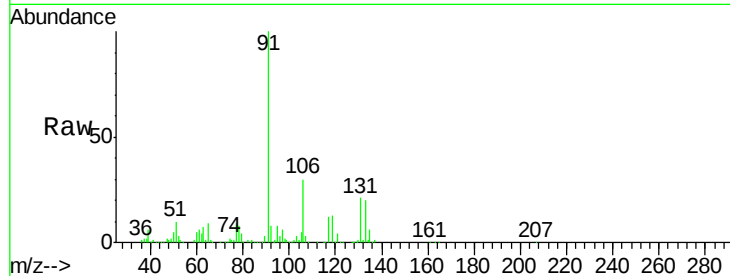




#67
Ethyl Benzene
Concen: 94.650 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

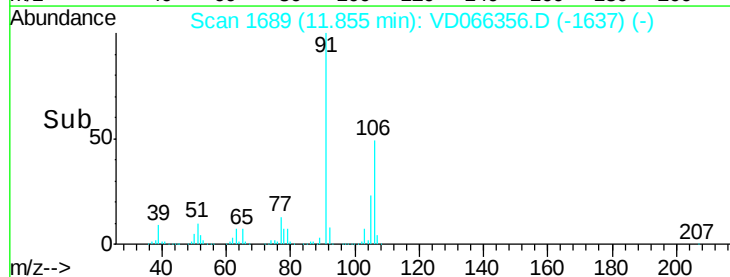
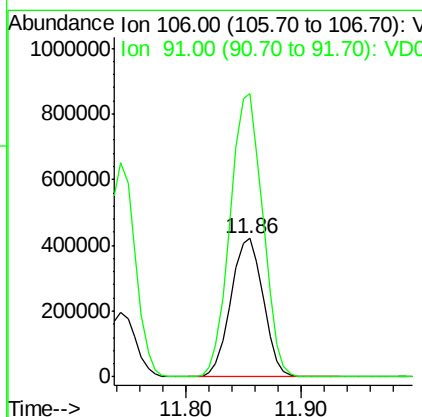
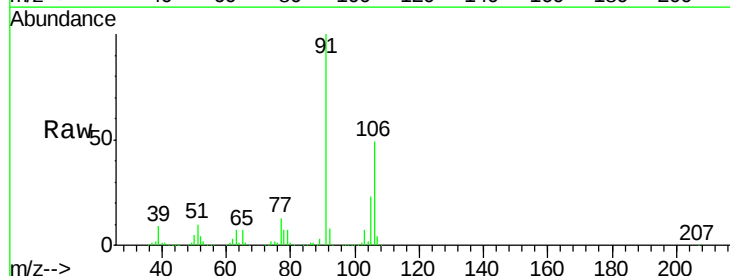
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

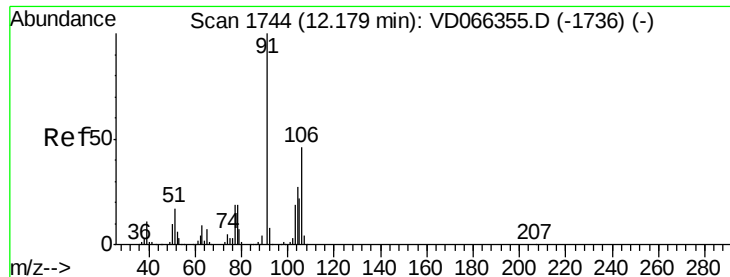
Tgt Ion: 91 Resp: 1084989
Ion Ratio Lower Upper
91 100
106 30.0 23.4 35.2



#68
m/p-Xylenes
Concen: 186.788 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Tgt Ion: 106 Resp: 817776
Ion Ratio Lower Upper
106 100
91 206.4 160.7 241.1





#69

o-Xylene

Concen: 94.749 ug/l

RT: 12.18 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

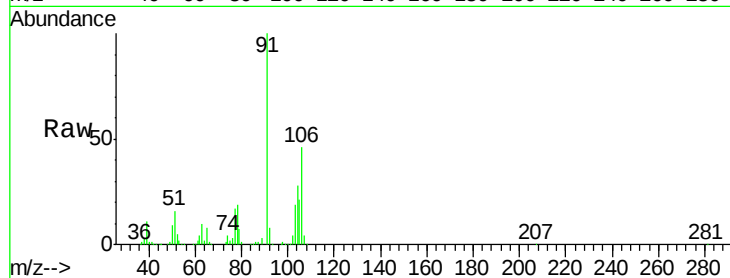
VSTDIC100

Tgt Ion:106 Resp: 380468

Ion Ratio Lower Upper

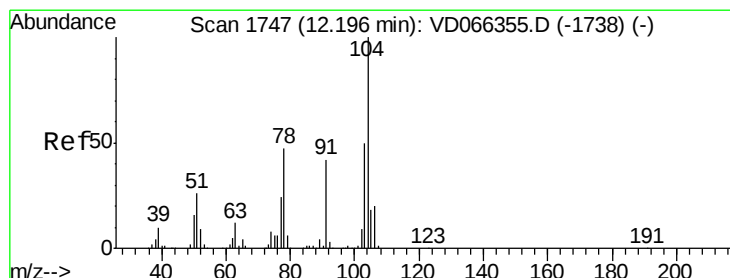
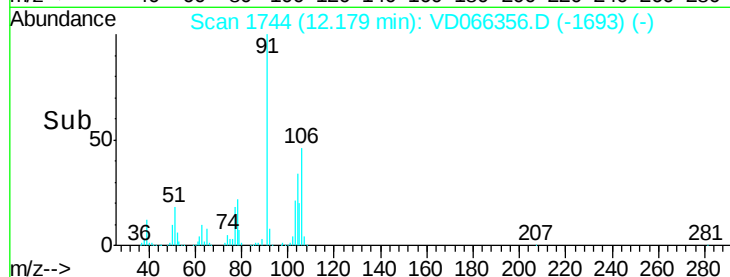
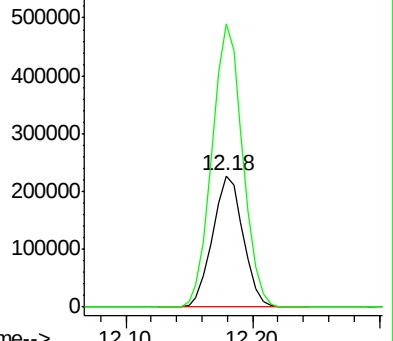
106 100

91 215.5 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#70

Styrene

Concen: 94.255 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

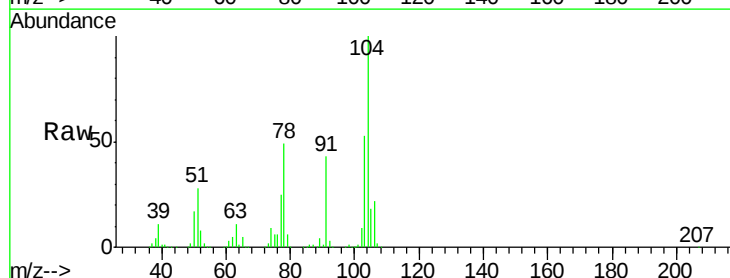
Tgt Ion:104 Resp: 653704

Ion Ratio Lower Upper

104 100

78 53.5 41.7 62.5

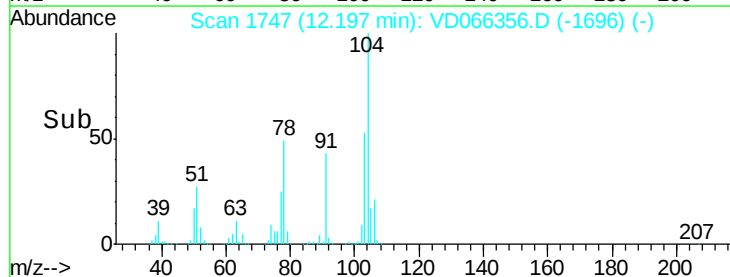
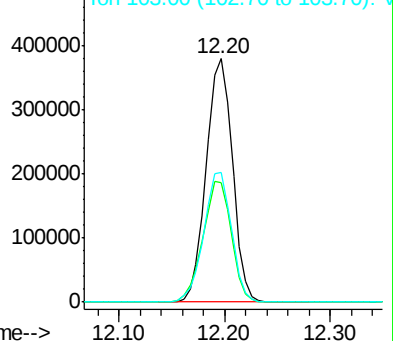
103 56.1 43.5 65.3

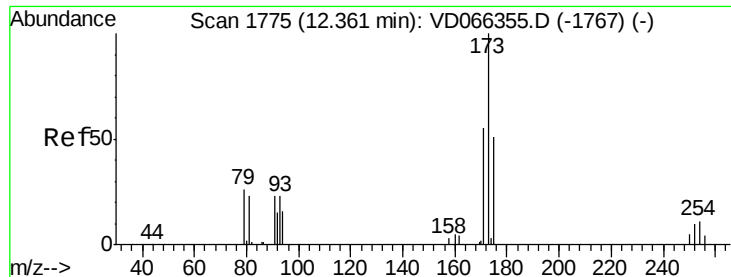


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VDC

Ion 103.00 (102.70 to 103.70): V

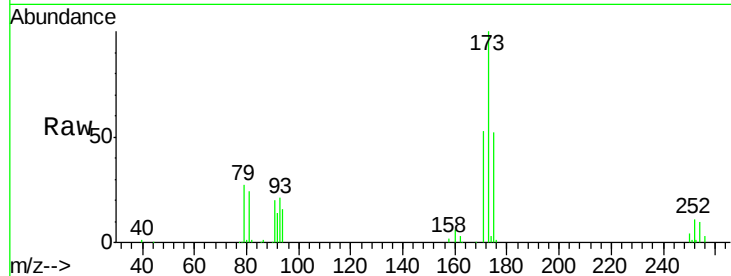




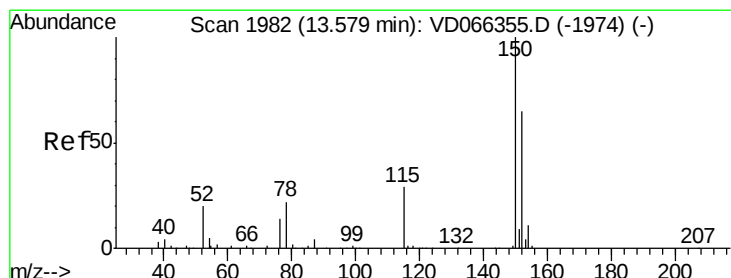
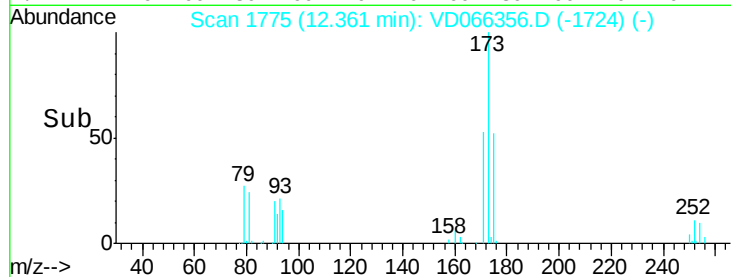
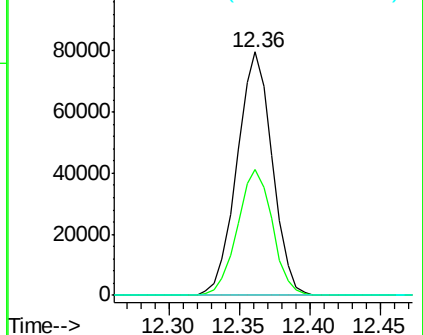
#71
Bromoform
Concen: 93.180 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 138793
Ion Ratio Lower Upper
173 100
175 51.4 24.8 74.3
254 0.0 0.0 0.0

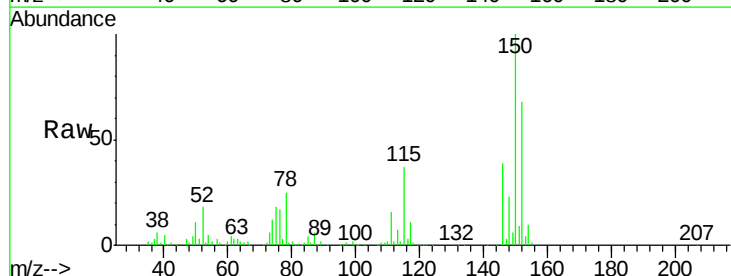


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

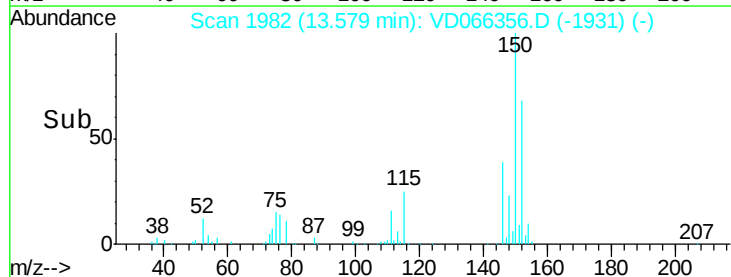
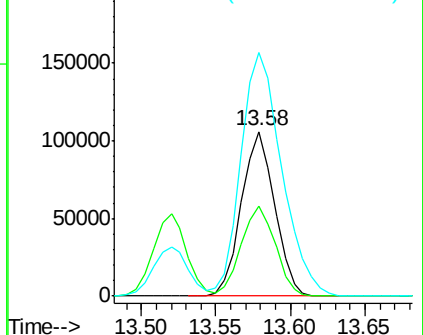


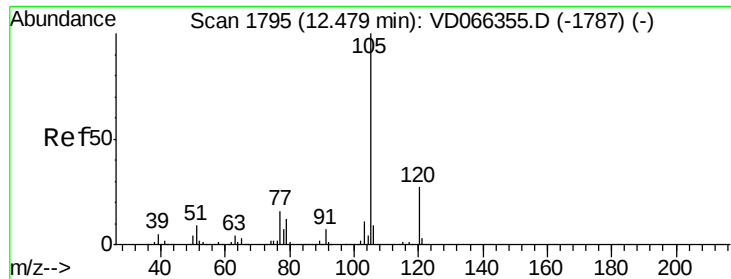
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Tgt Ion:152 Resp: 163621
Ion Ratio Lower Upper
152 100
115 56.0 28.3 85.0
150 182.4 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 97.834 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

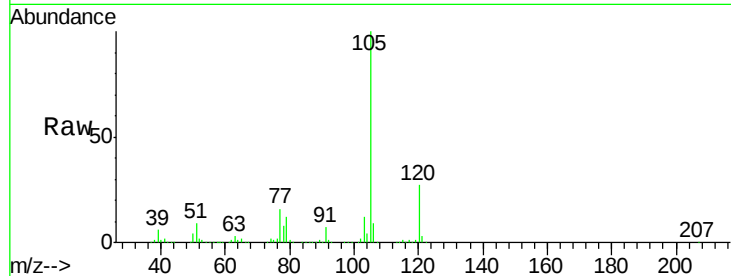
VSTDIC100

Tgt Ion: 105 Resp: 1077141

Ion Ratio Lower Upper

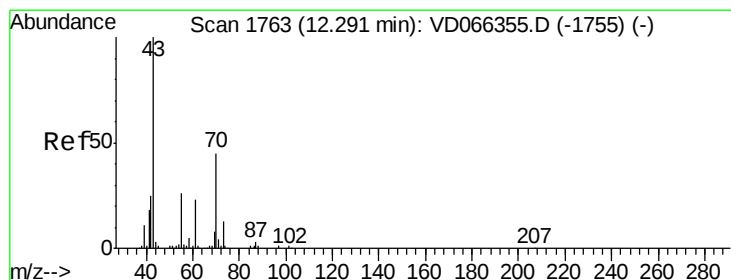
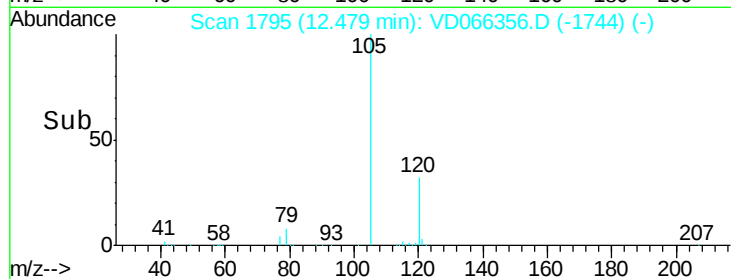
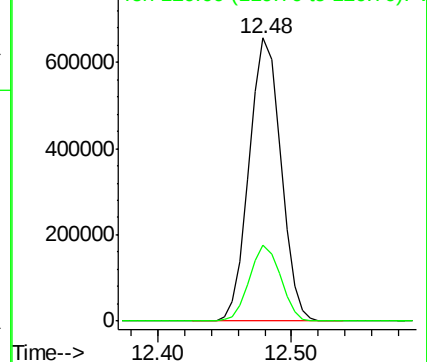
105 100

120 26.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 103.102 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Tgt Ion: 43 Resp: 203625

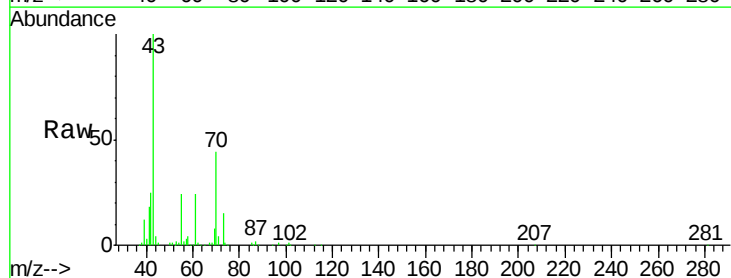
Ion Ratio Lower Upper

43 100

70 44.5 34.8 52.2

55 24.3 20.3 30.5

61 23.6 19.0 28.6

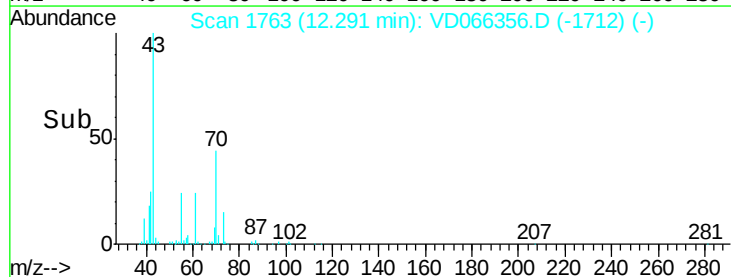
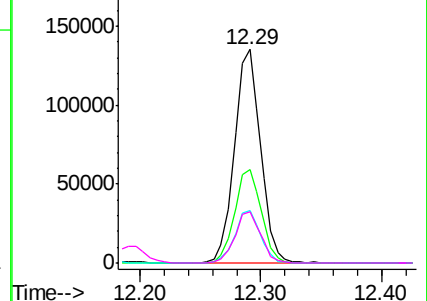


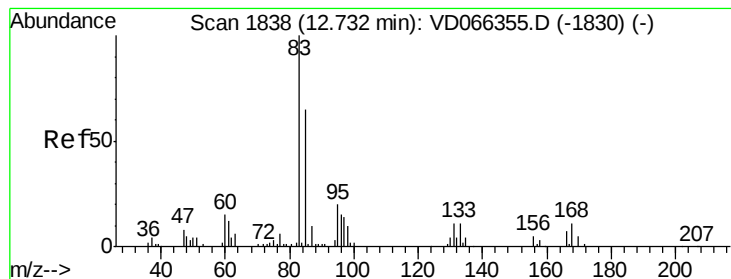
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 95.729 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

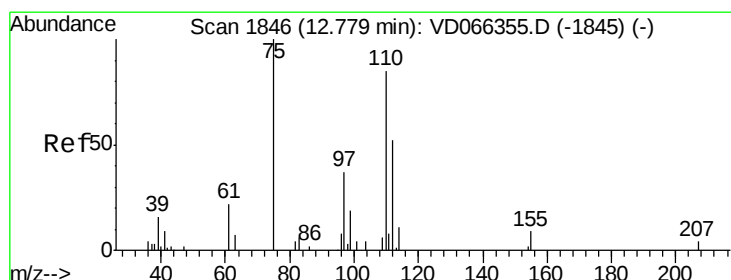
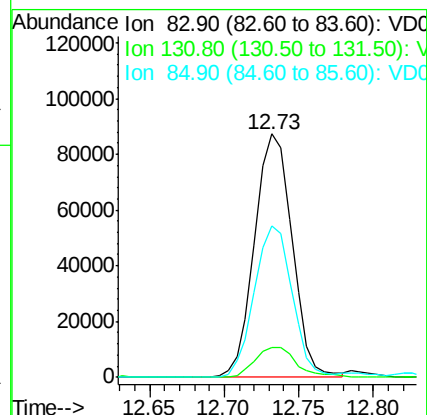
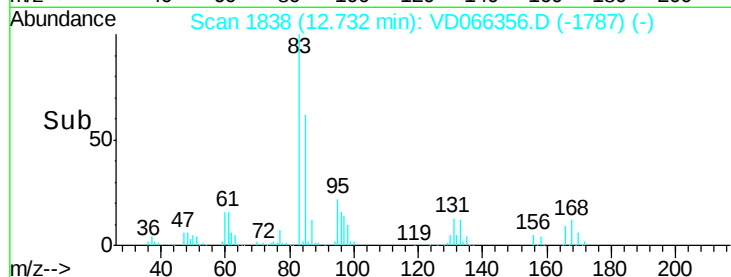
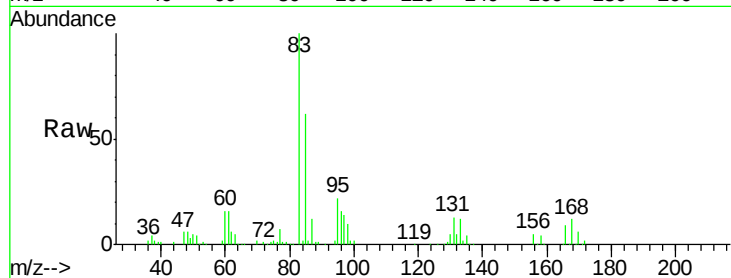
Tgt Ion: 83 Resp: 152482

Ion Ratio Lower Upper

83 100

131 13.7 7.0 20.9

85 62.3 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 198.111 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066356.D

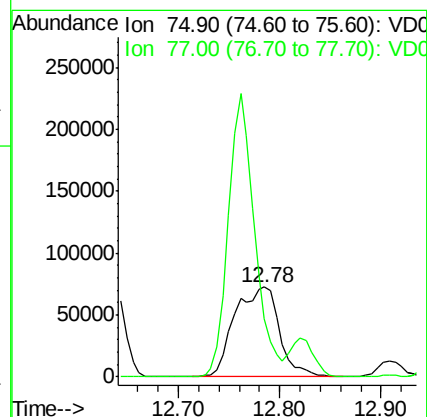
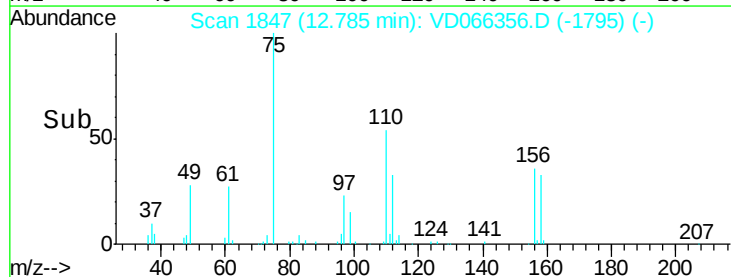
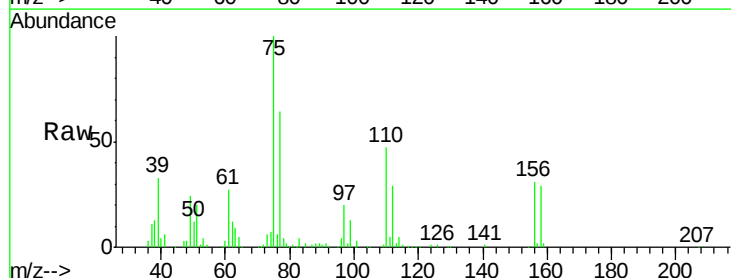
Acq: 21 Aug 2020 12:47

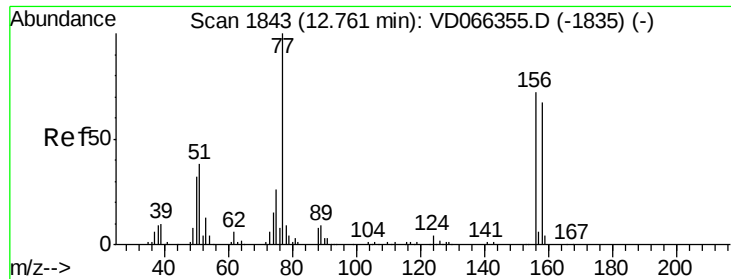
Tgt Ion: 75 Resp: 222655

Ion Ratio Lower Upper

75 100

77 0.0 182.9 548.9#





#77

Bromobenzene

Concen: 94.888 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

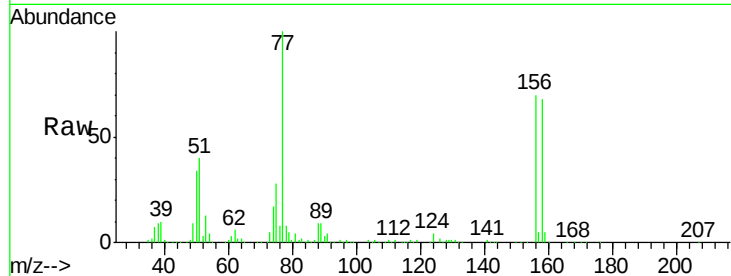
Tgt Ion:156 Resp: 271262

Ion Ratio Lower Upper

156 100

77 152.7 76.1 228.3

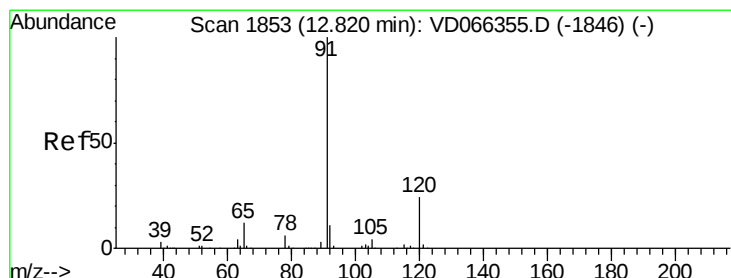
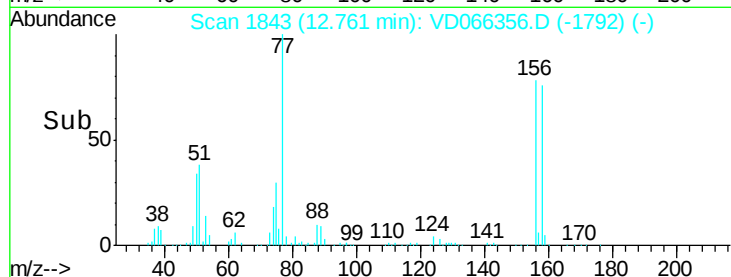
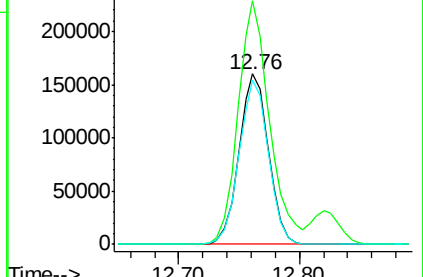
158 96.1 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 93.602 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066356.D

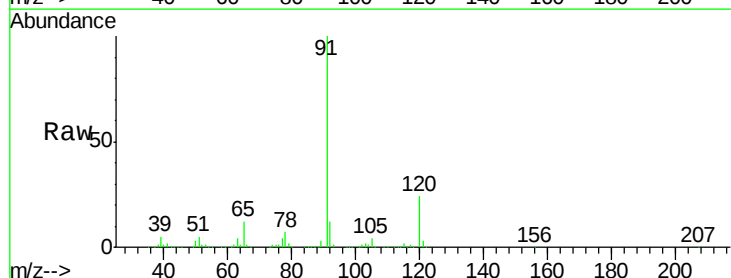
Acq: 21 Aug 2020 12:47

Tgt Ion: 91 Resp: 1202547

Ion Ratio Lower Upper

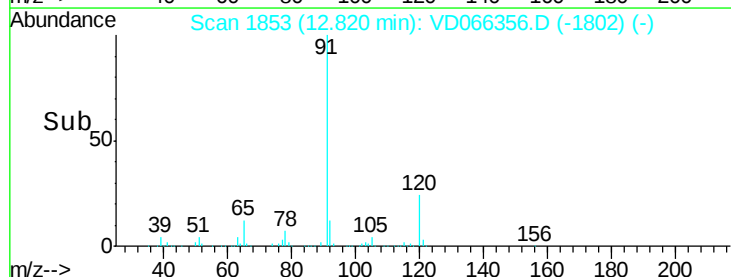
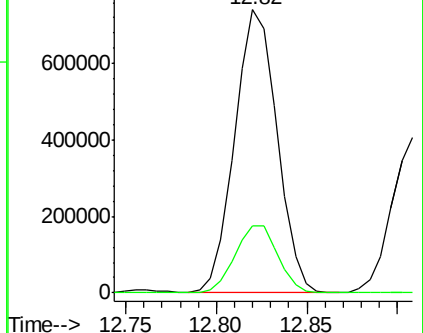
91 100

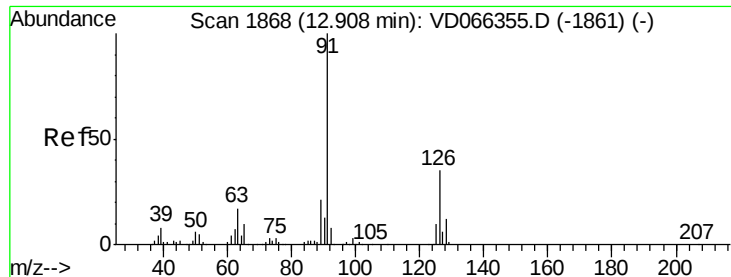
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 96.188 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

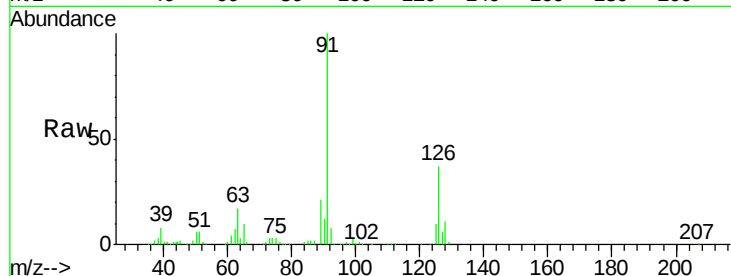
VSTDIC100

Tgt Ion: 91 Resp: 697569

Ion Ratio Lower Upper

91 100

126 35.2 17.7 53.1

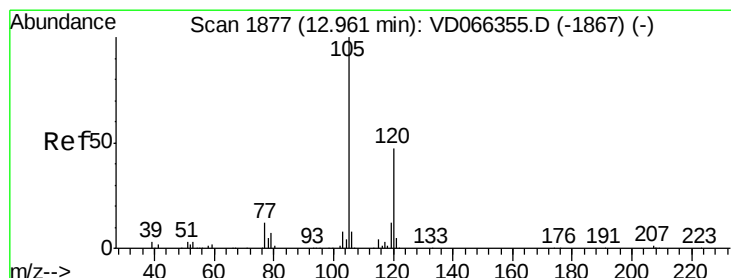
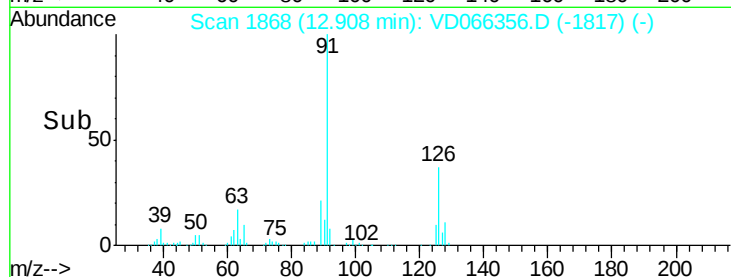


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V

12.91

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 95.946 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066356.D

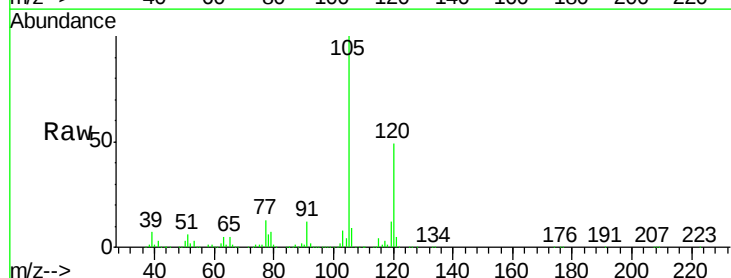
Acq: 21 Aug 2020 12:47

Tgt Ion: 105 Resp: 922714

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2

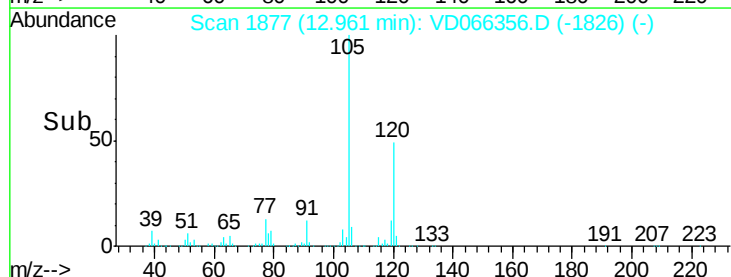


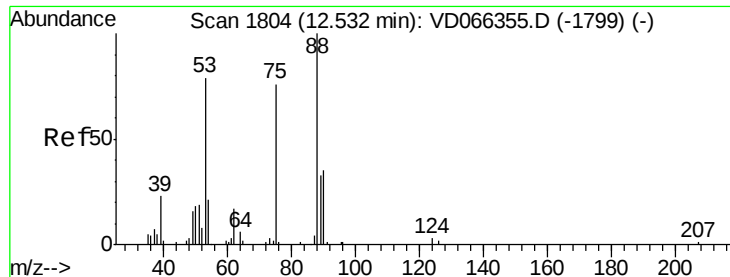
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.96

Time-->

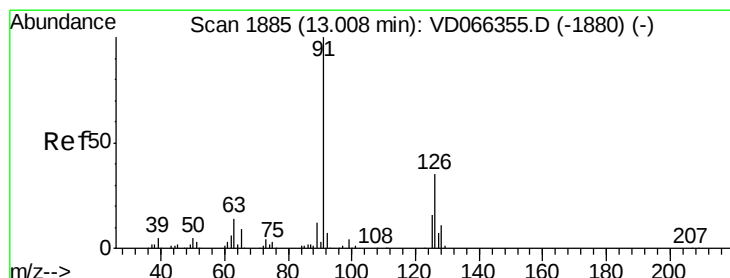
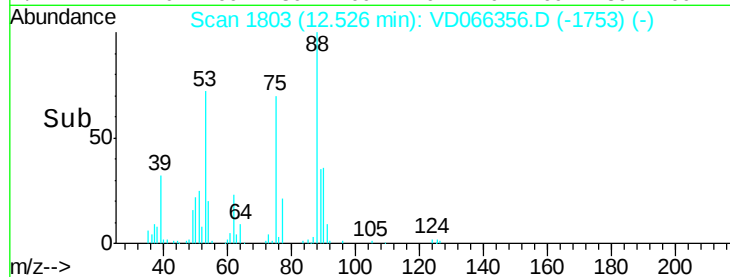
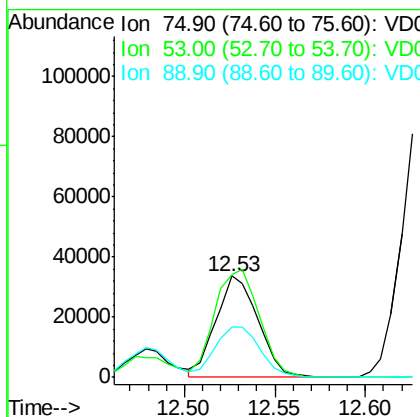
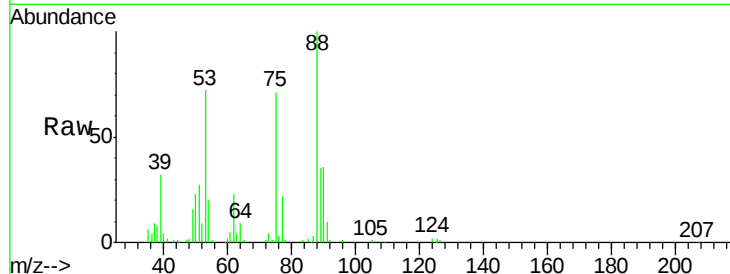




#81
trans-1,4-Dichloro-2-butene
Concen: 98.448 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

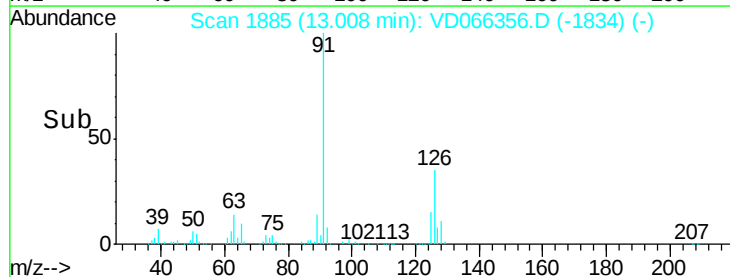
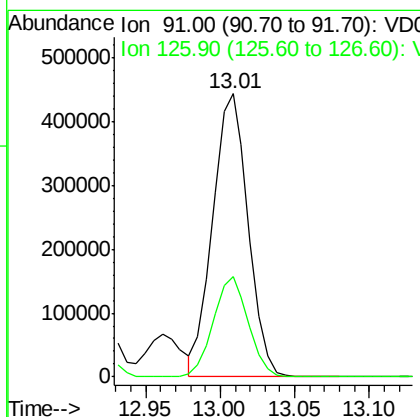
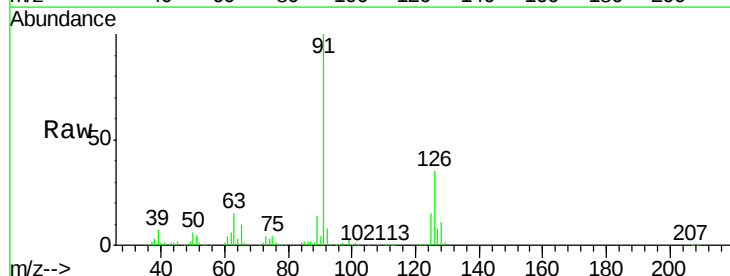
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

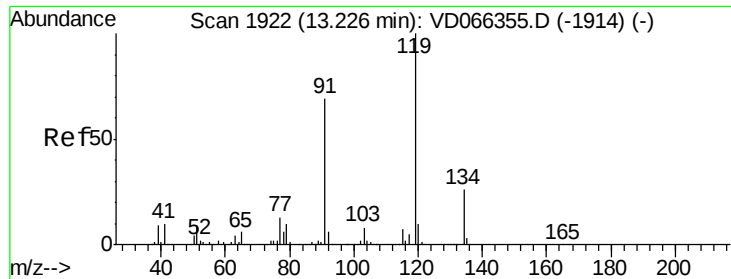
Tgt Ion: 75 Resp: 54561
Ion Ratio Lower Upper
75 100
53 113.2 87.4 131.2
89 53.1 39.4 59.0



#82
4-Chlorotoluene
Concen: 95.163 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Tgt Ion: 91 Resp: 734705
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.2

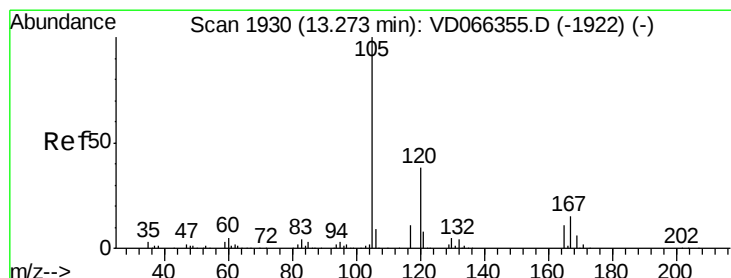
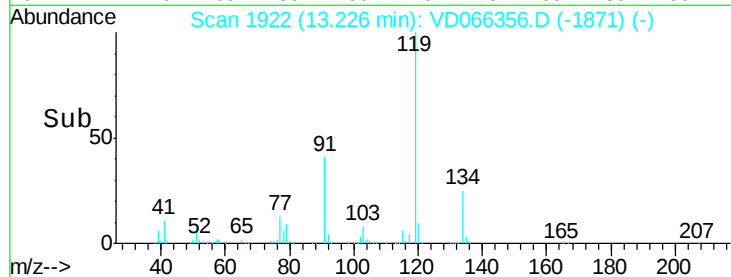
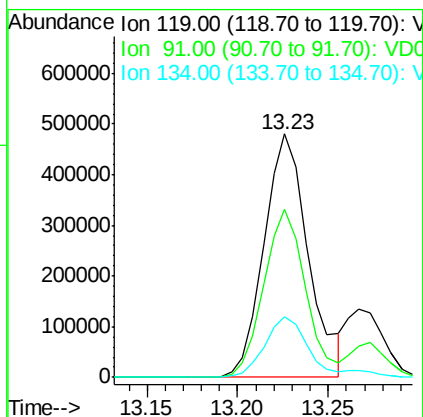
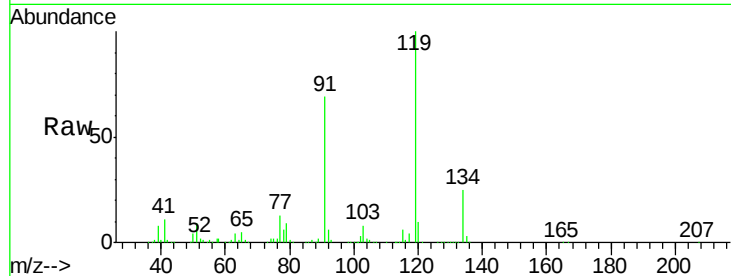




#83
 tert-Butylbenzene
 Concen: 99.817 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

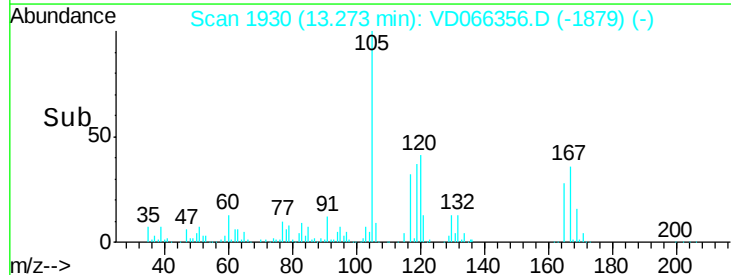
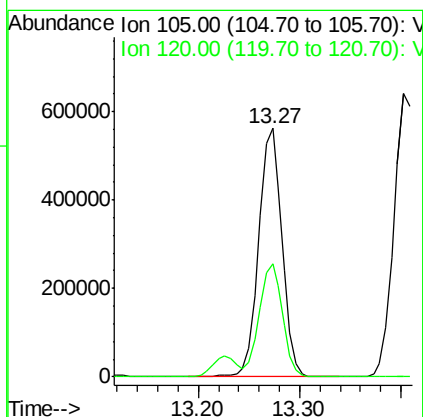
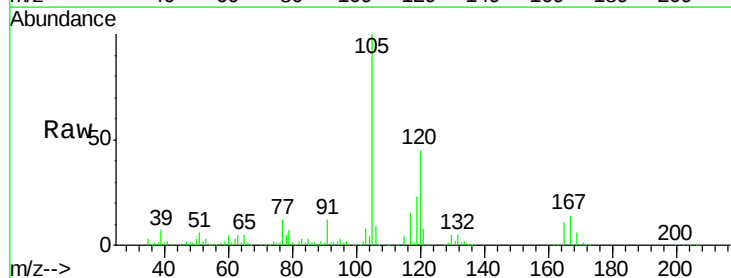
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

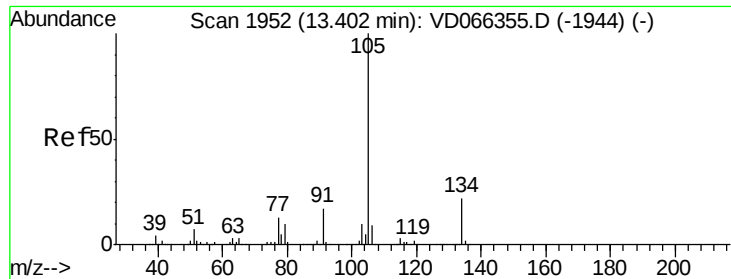
Tgt Ion:119 Resp: 816342
 Ion Ratio Lower Upper
 119 100
 91 65.0 33.5 100.5
 134 25.9 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 95.908 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Tgt Ion:105 Resp: 901629
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 94.460 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

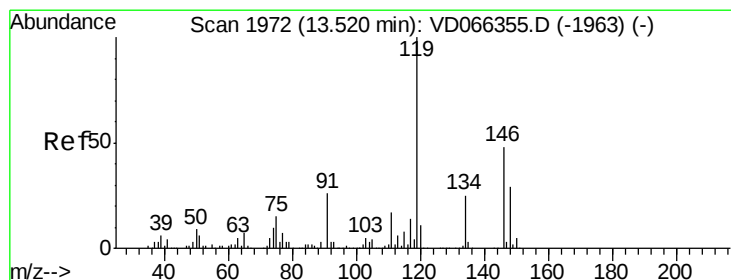
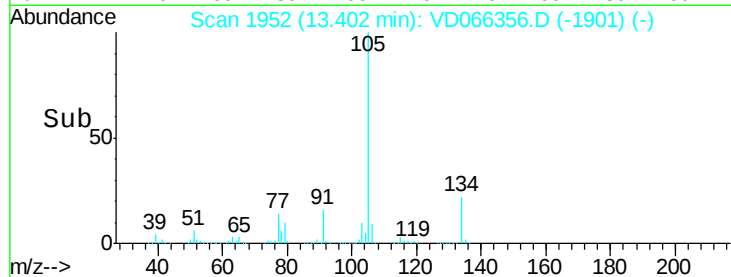
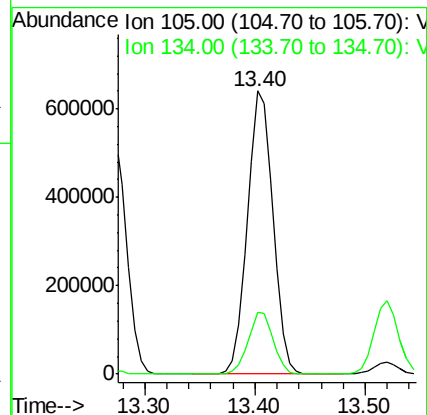
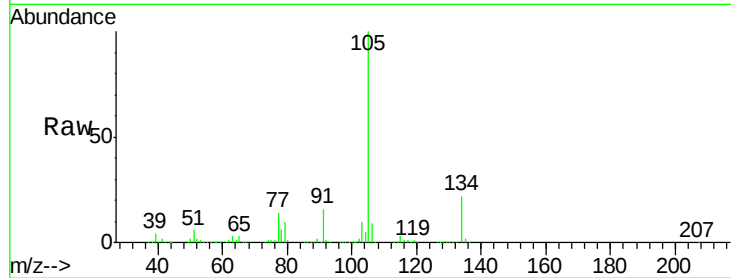
VSTDIC100

Tgt Ion:105 Resp: 1043171

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.4



#86

p-Isopropyltoluene

Concen: 96.247 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066356.D

Acq: 21 Aug 2020 12:47

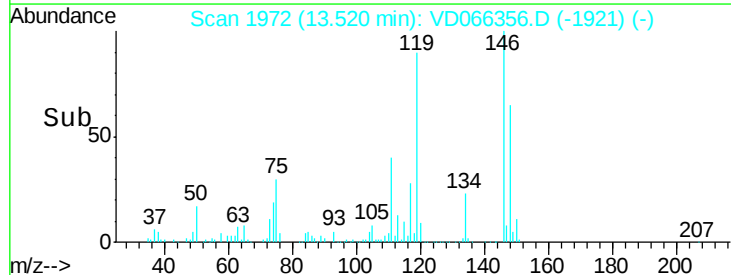
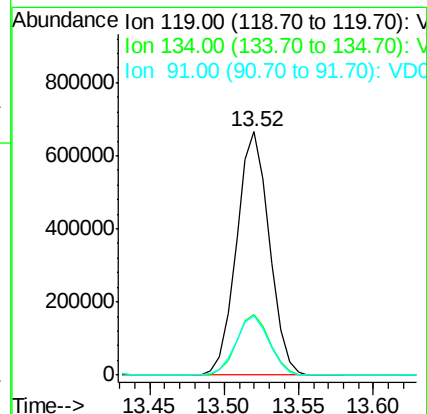
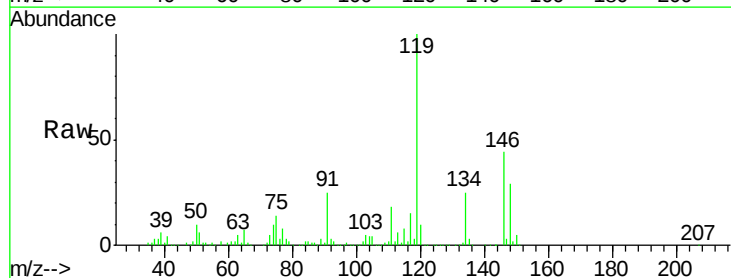
Tgt Ion:119 Resp: 1015392

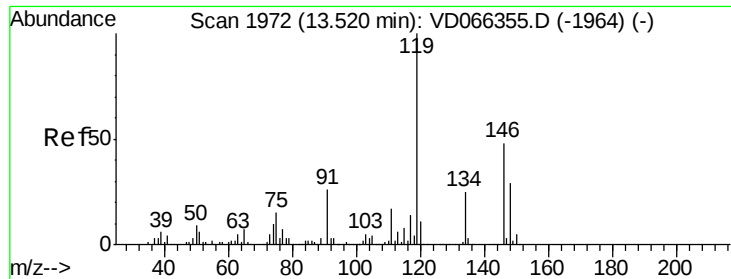
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.3

91 25.0 12.7 38.0

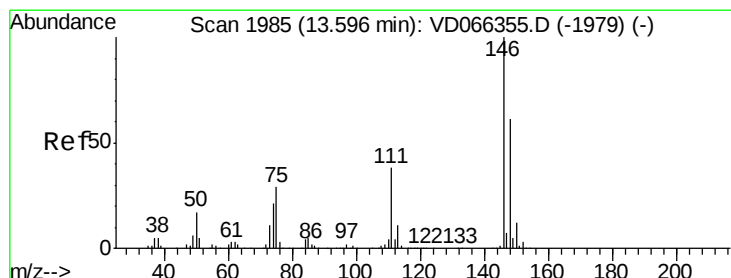
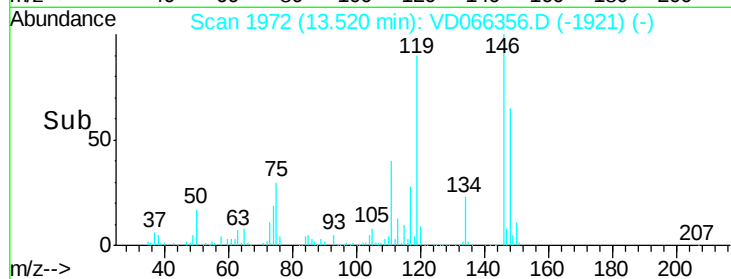
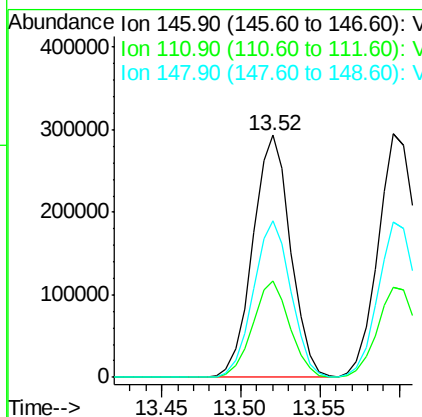
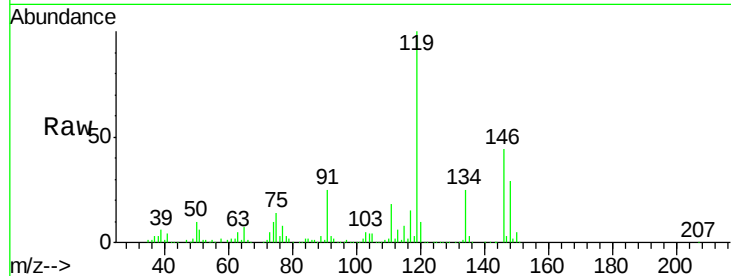




#87
 1,3-Dichlorobenzene
 Concen: 91.861 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

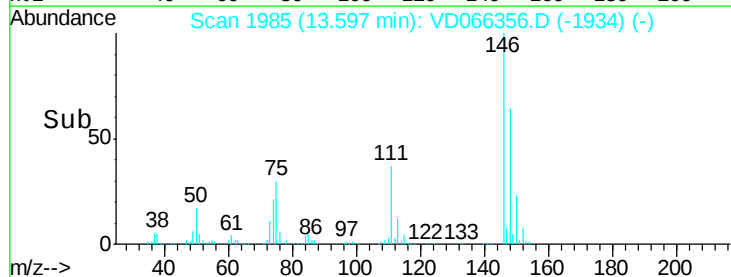
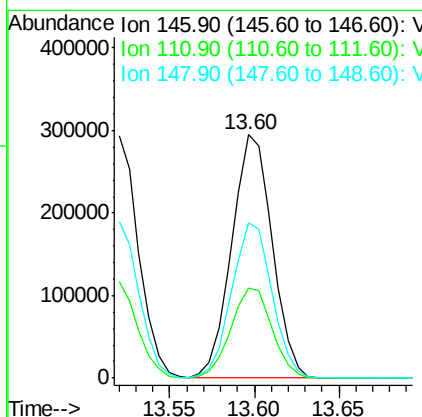
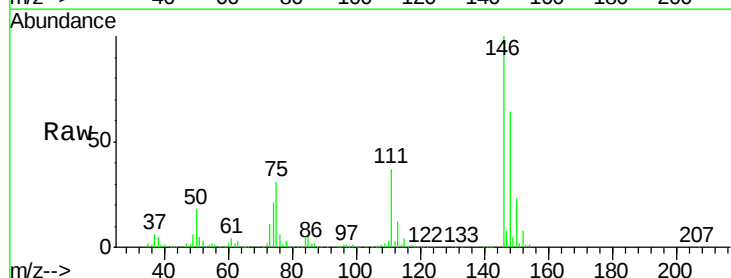
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

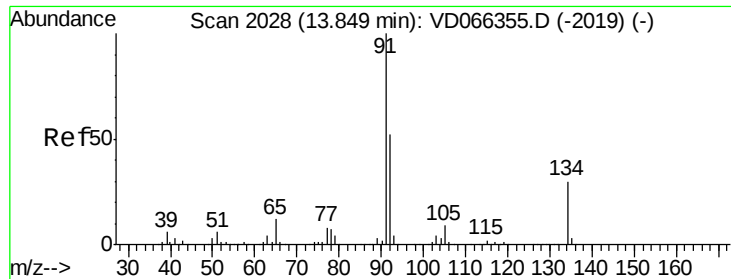
Tgt Ion:146 Resp: 486063
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.9
 148 64.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 91.584 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Tgt Ion:146 Resp: 492500
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.5
 148 63.3 32.1 96.3

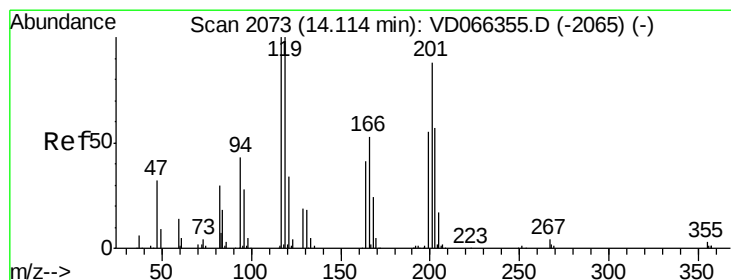
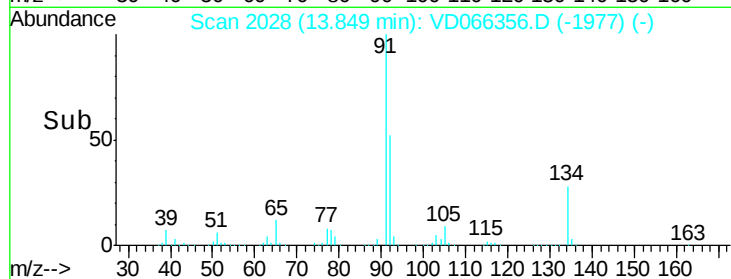
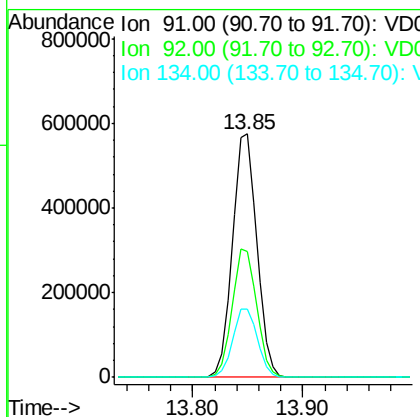
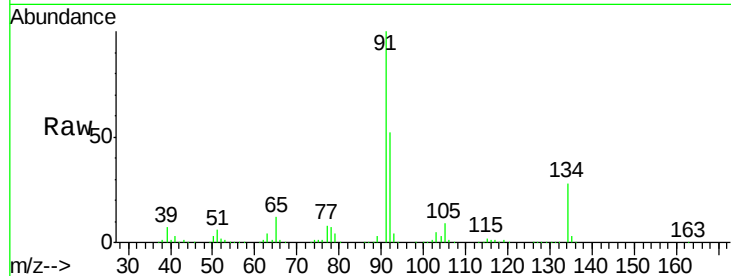




#89
n-Butylbenzene
Concen: 97.312 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

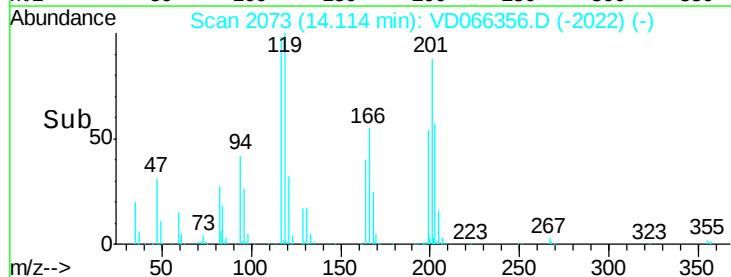
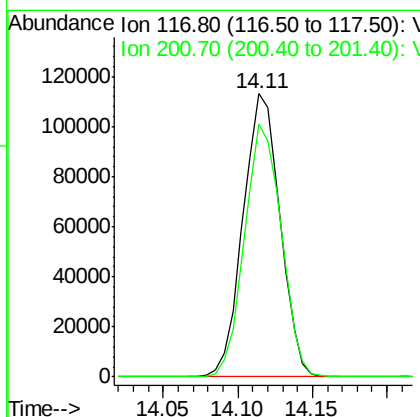
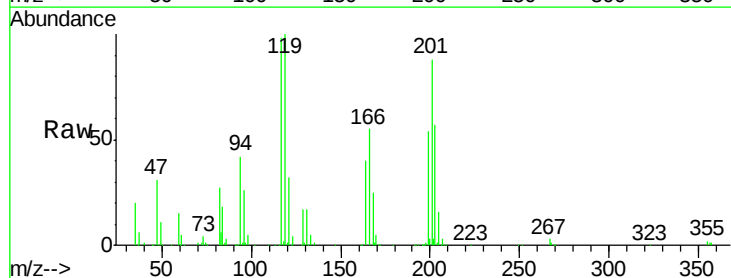
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

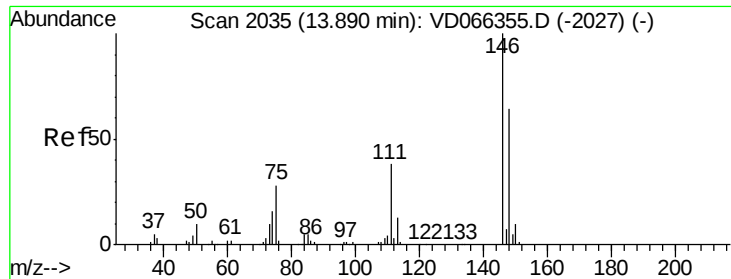
Tgt Ion: 91 Resp: 893649
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 28.6 14.4 43.4



#90
Hexachloroethane
Concen: 92.201 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Tgt Ion: 117 Resp: 193895
Ion Ratio Lower Upper
117 100
201 88.8 45.4 136.2

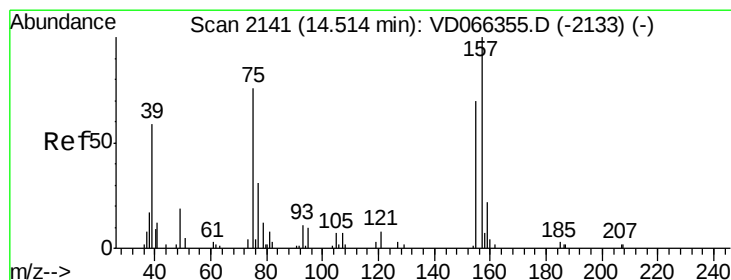
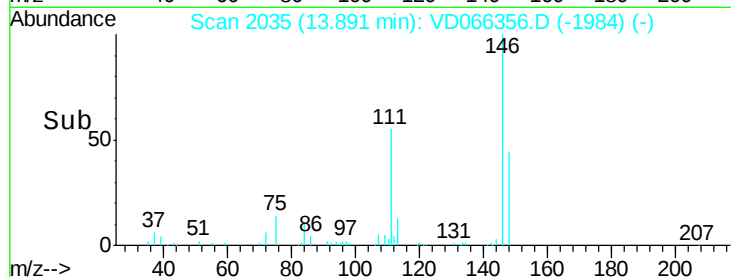
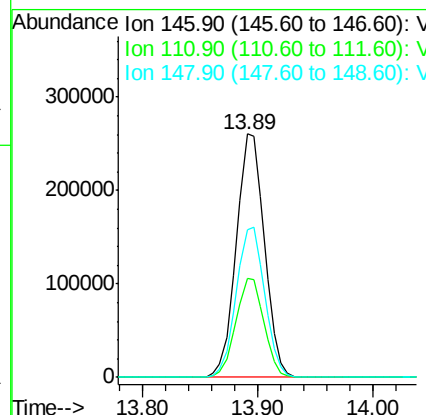
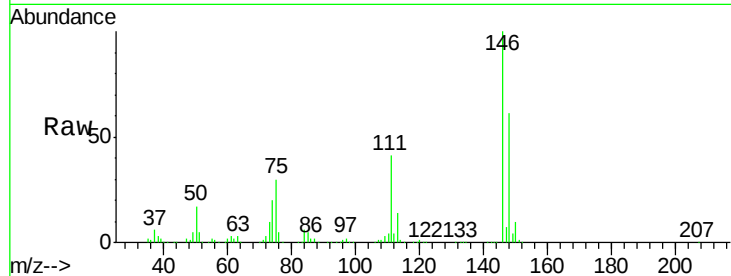




#91
 1,2-Dichlorobenzene
 Concen: 95.445 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

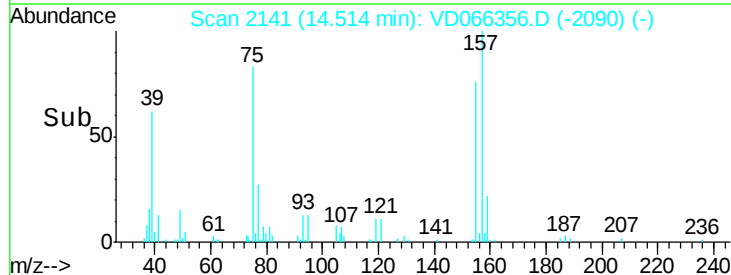
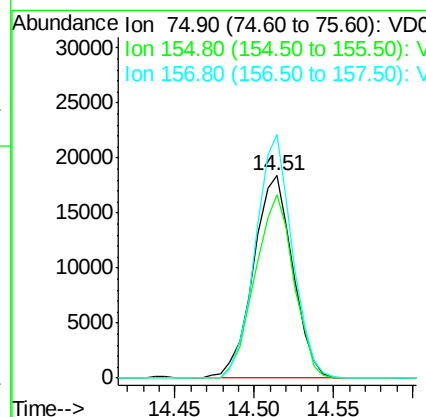
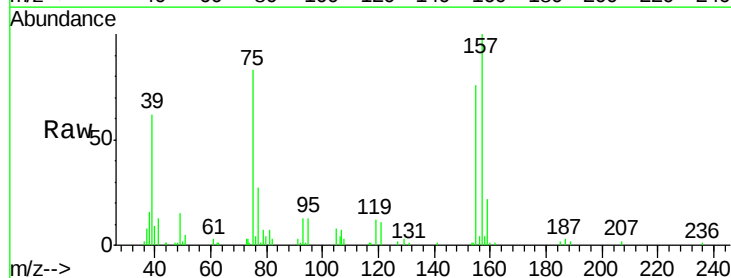
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

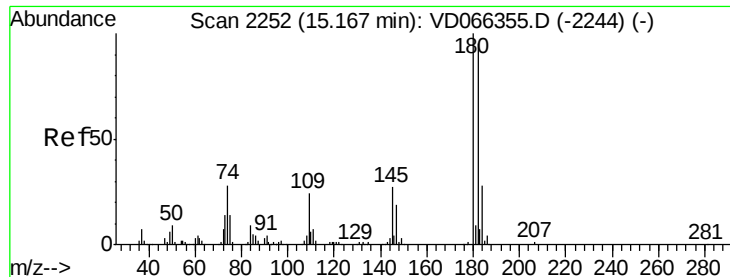
Tgt Ion: 146 Resp: 439252
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.9 59.7
 148 62.6 32.6 97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 93.532 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Tgt Ion: 75 Resp: 31794
 Ion Ratio Lower Upper
 75 100
 155 88.9 46.9 140.6
 157 111.6 61.0 183.0

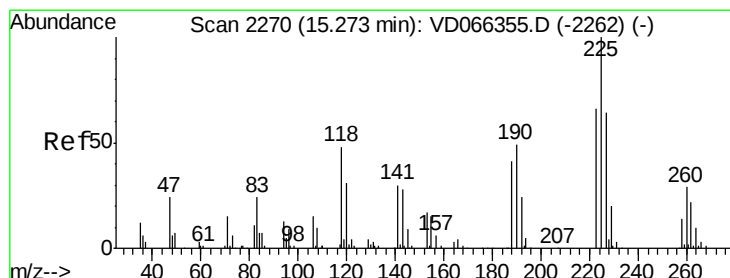
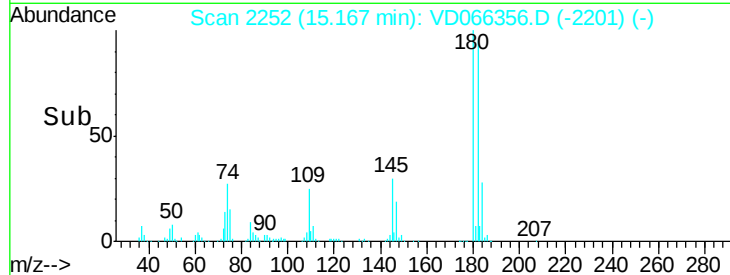
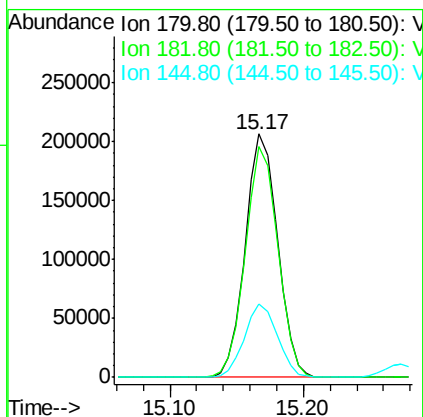
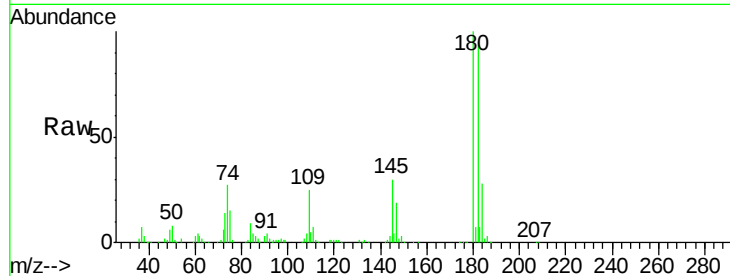




#93
 1,2,4-Trichlorobenzene
 Concen: 98.483 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

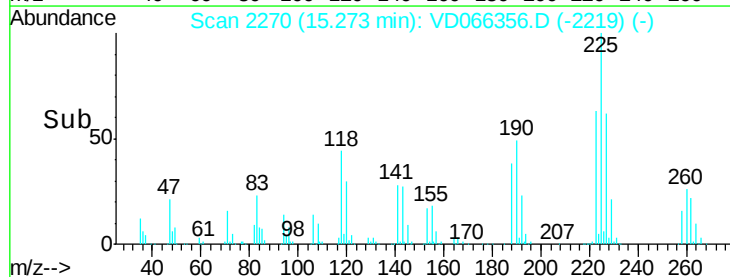
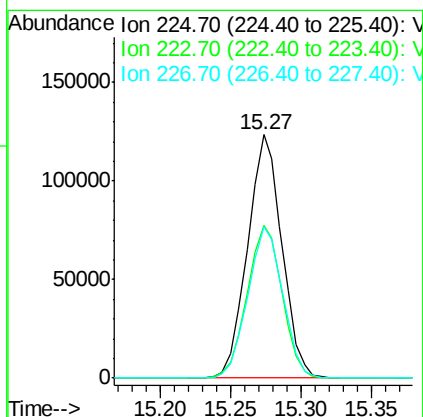
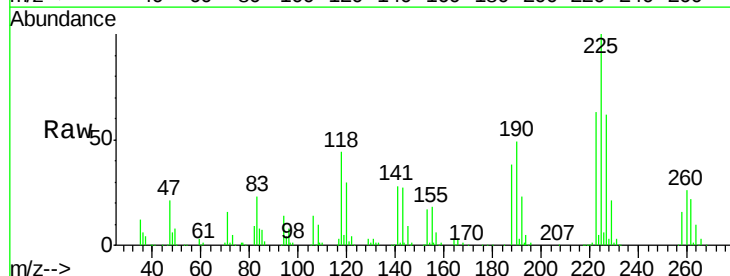
Instrument :
 MSVOA_D
 ClientSampled :
 VSTDIC100

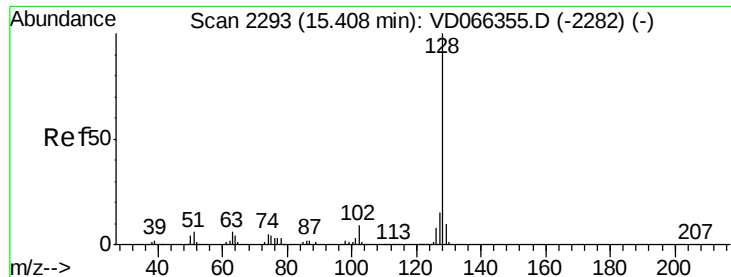
Tgt Ion:180 Resp: 345309
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.0 144.0
 145 30.8 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 94.990 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066356.D
 Acq: 21 Aug 2020 12:47

Tgt Ion:225 Resp: 210585
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.5 97.4
 227 63.2 33.0 98.9

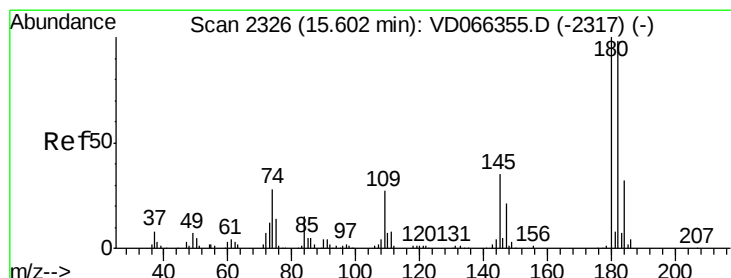
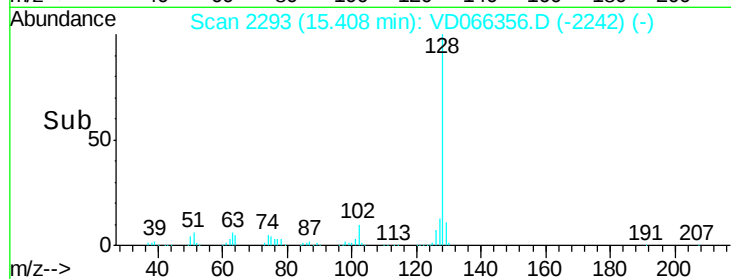
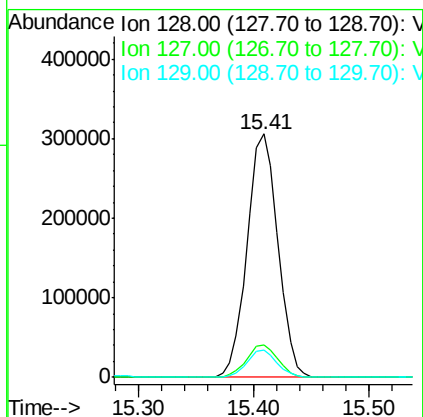
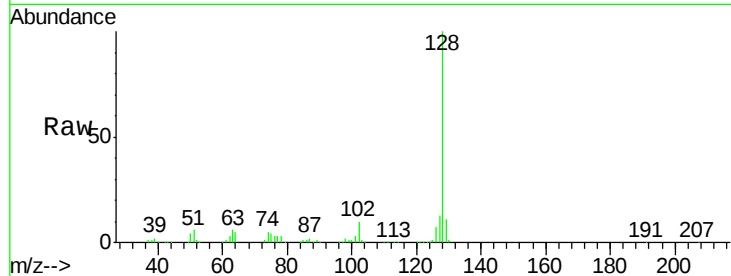




#95
Naphthalene
Concen: 106.313 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 568516
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 99.500 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066356.D
Acq: 21 Aug 2020 12:47

Tgt Ion:180 Resp: 296597
Ion Ratio Lower Upper
180 100
182 95.3 46.7 140.0
145 32.5 16.0 48.0

