

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD066991.D
 Acq On : 01 Oct 2020 14:36
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

Quant Time: Oct 02 00:39:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	501956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	774365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	707729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	335950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	243693	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	7.91	113	263079	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	10.34	98	975869	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.63	95	330947	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	209930	52.166	ug/l	95
3) Chloromethane	2.21	50	193124	48.311	ug/l	94
4) Vinyl Chloride	2.35	62	190702	47.577	ug/l	100
5) Bromomethane	2.77	94	138248	53.842	ug/l	99
6) Chloroethane	2.93	64	115037	47.127	ug/l	97
7) Trichlorofluoromethane	3.27	101	411158	46.170	ug/l	96
8) Diethyl Ether	3.71	74	109886	49.759	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	241815	48.042	ug/l	98
10) Methyl Iodide	4.30	142	232027	47.442	ug/l	99
11) Tert butyl alcohol	5.21	59	68762	240.907	ug/l	97
12) 1,1-Dichloroethene	4.07	96	224795	47.507	ug/l	95
13) Acrolein	3.92	56	72198	223.014	ug/l	100
14) Allyl chloride	4.71	41	310884	50.575	ug/l	99
15) Acrylonitrile	5.43	53	200976	247.273	ug/l	97
16) Acetone	4.16	43	179953	243.826	ug/l	99
17) Carbon Disulfide	4.41	76	702478	48.375	ug/l	100
18) Methyl Acetate	4.73	43	94137	50.749	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	447305	51.783	ug/l	99
20) Methylene Chloride	4.97	84	277746	53.548	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	263474	48.927	ug/l	96
22) Diisopropyl ether	6.36	45	580037	51.686	ug/l	98
23) Vinyl Acetate	6.31	43	1726513	271.496	ug/l	100
24) 1,1-Dichloroethane	6.27	63	417641	48.222	ug/l	99
25) 2-Butanone	7.21	43	254598	243.316	ug/l	97
26) 2,2-Dichloropropane	7.21	77	383817	51.991	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	285238	49.597	ug/l	99
28) Bromochloromethane	7.55	49	178740	53.440	ug/l	99
29) Tetrahydrofuran	7.56	42	156979	260.913	ug/l	99
30) Chloroform	7.71	83	458311	48.782	ug/l	100
31) Cyclohexane	7.98	56	337001	46.413	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	422951	48.576	ug/l	99
36) 1,1-Dichloropropene	8.11	75	352399	48.823	ug/l	98
37) Ethyl Acetate	7.29	43	125168	50.057	ug/l	98
38) Carbon Tetrachloride	8.10	117	383021	49.044	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	396710	51.986	ug/l	97
40) Benzene	8.35	78	1001262	49.943	ug/l	99
41) Methacrylonitrile	7.56	41	160332	118.687	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	272737	48.685	ug/l	100
43) Isopropyl Acetate	8.45	43	235546	51.134	ug/l	99
44) Trichloroethene	9.11	130	292752	48.901	ug/l	98
45) 1,2-Dichloropropane	9.38	63	243088	51.605	ug/l	98
46) Dibromomethane	9.47	93	136368	50.369	ug/l	99
47) Bromodichloromethane	9.66	83	348230	49.480	ug/l	99
48) Methyl methacrylate	9.45	41	113748	48.199	ug/l #	85
49) 1,4-Dioxane	9.46	88	29185	1032.854	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	599089	261.102	ug/l	100
52) Toluene	10.40	92	662911	51.331	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	324863	51.649	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	386884	50.371	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	185755	49.349	ug/l	97
56) Ethyl methacrylate	10.66	69	218260	56.163	ug/l	98
57) 1,3-Dichloropropane	10.94	76	308945	50.614	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	575316	265.980	ug/l	99
59) 2-Hexanone	10.98	43	408150	266.518	ug/l	98
60) Dibromochloromethane	11.14	129	252321	50.294	ug/l	98
61) 1,2-Dibromoethane	11.24	107	184581	51.042	ug/l	100
64) Tetrachloroethene	10.87	164	246582	47.925	ug/l	91
65) Chlorobenzene	11.67	112	699283	49.680	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	266724	49.815	ug/l	99
67) Ethyl Benzene	11.74	91	1250571	51.853	ug/l	98
68) m/p-Xylenes	11.85	106	975254	103.762	ug/l	99
69) o-Xylene	12.18	106	441651	52.546	ug/l	97
70) Styrene	12.20	104	766764	53.127	ug/l	98
71) Bromoform	12.36	173	136808	49.224	ug/l #	99
73) Isopropylbenzene	12.48	105	1203309	52.750	ug/l	100
74) N-amyl acetate	12.29	43	219589	53.549	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	187184	48.703	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	251836	86.061	ug/l #	100
77) Bromobenzene	12.76	156	281839	51.168	ug/l	99
78) n-propylbenzene	12.82	91	1405739	52.143	ug/l	100
79) 2-Chlorotoluene	12.91	91	795185	51.553	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1009742	52.392	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	60869	51.860	ug/l	96
82) 4-Chlorotoluene	13.01	91	837739	51.047	ug/l	100
83) tert-Butylbenzene	13.23	119	848927	52.307	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1009626	52.492	ug/l	99
85) sec-Butylbenzene	13.40	105	1199566	52.485	ug/l	100
86) p-Isopropyltoluene	13.52	119	1109456	52.358	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	532484	49.631	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	531586	49.553	ug/l	99
89) n-Butylbenzene	13.85	91	1019444	52.642	ug/l	99
90) Hexachloroethane	14.11	117	190096	51.215	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	468380	49.988	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28852	46.569	ug/l	95

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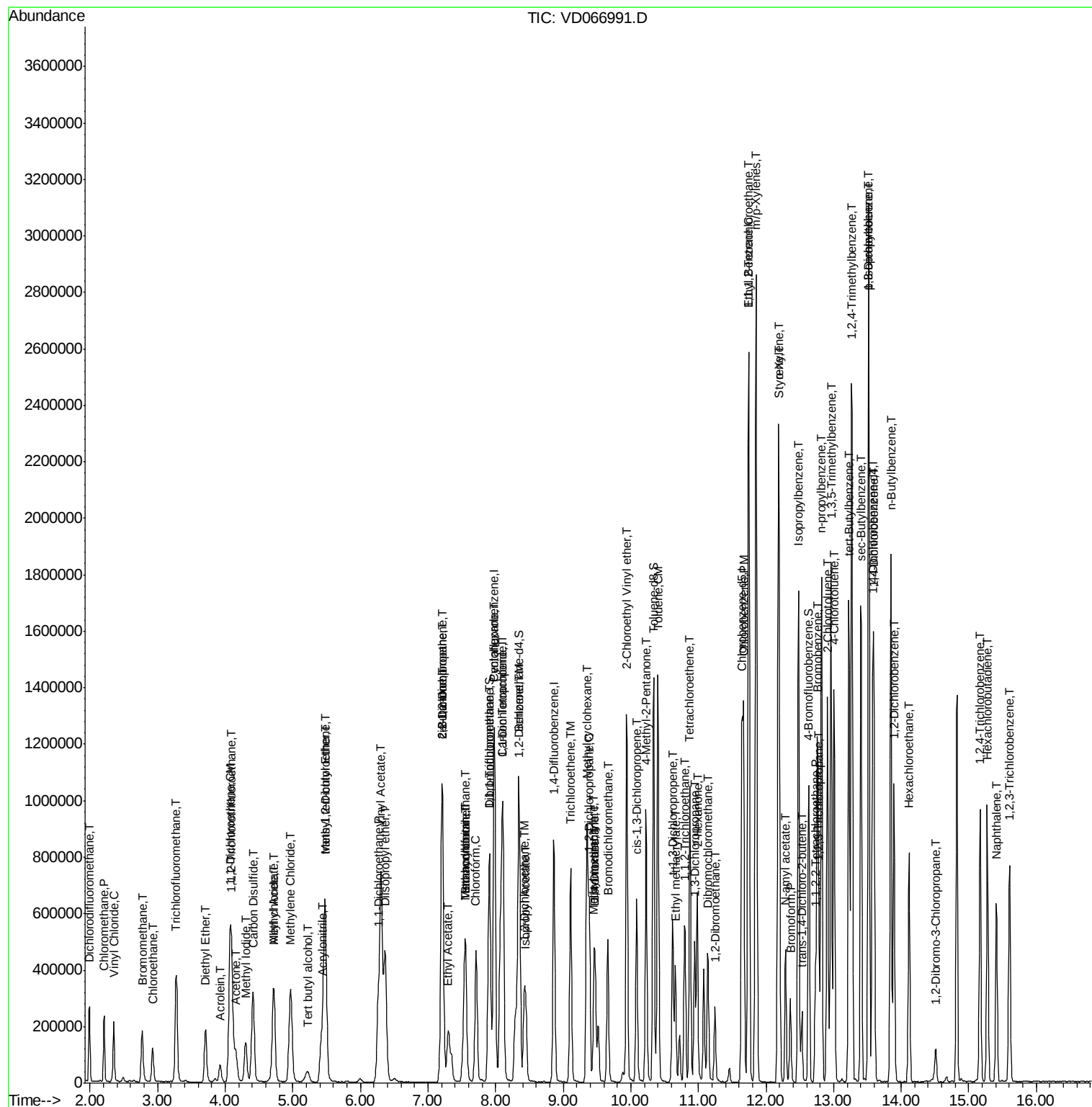
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	317533	52.392	ug/l	100
94) Hexachlorobutadiene	15.28	225	189692	50.963	ug/l	98
95) Naphthalene	15.41	128	561329	55.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	274351	52.145	ug/l	97

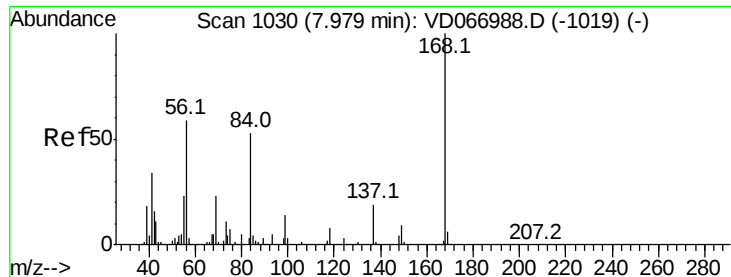
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

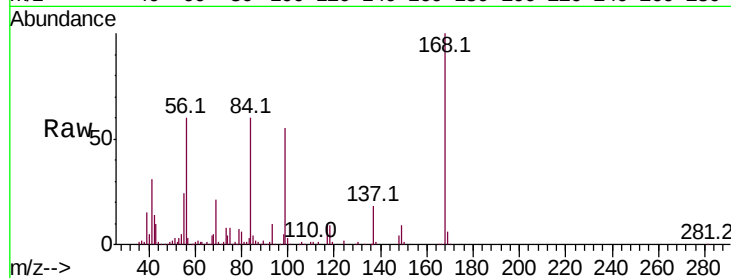
ICVVD100120

Tot Ion:168 Resp: 501956

Ion Ratio Lower Upper

168 100

99 54.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

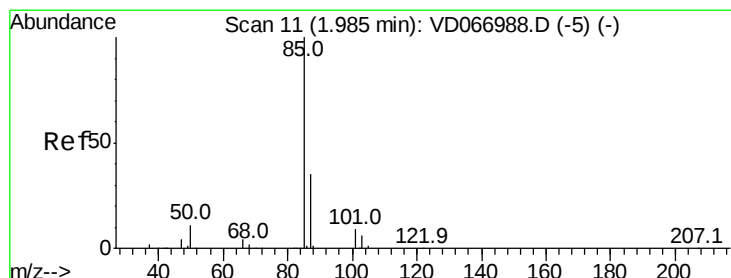
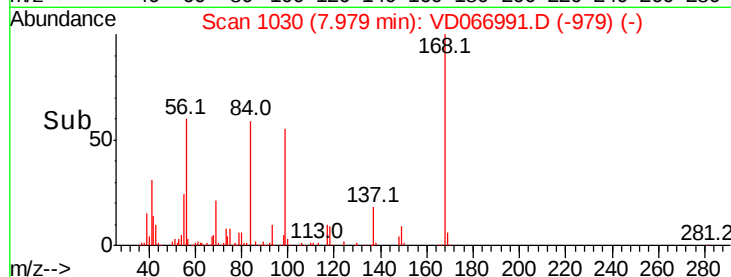
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.166 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066991.D

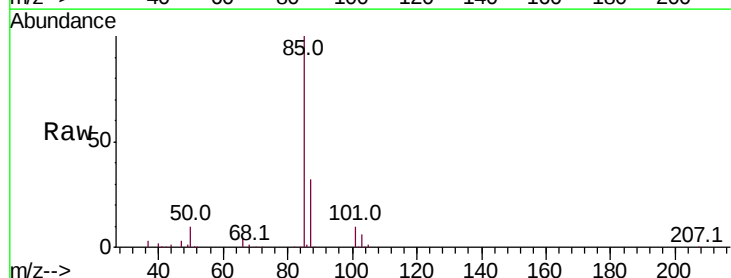
Acq: 01 Oct 2020 14:36

Tgt Ion: 85 Resp: 209930

Ion Ratio Lower Upper

85 100

87 31.5 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

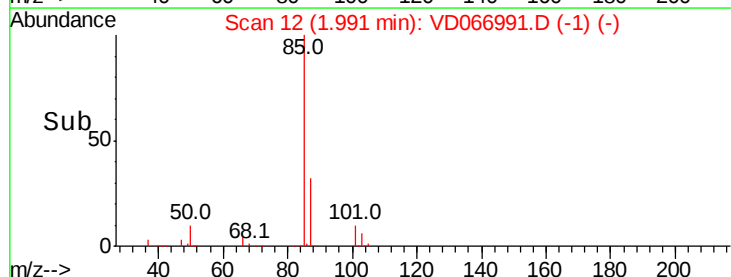
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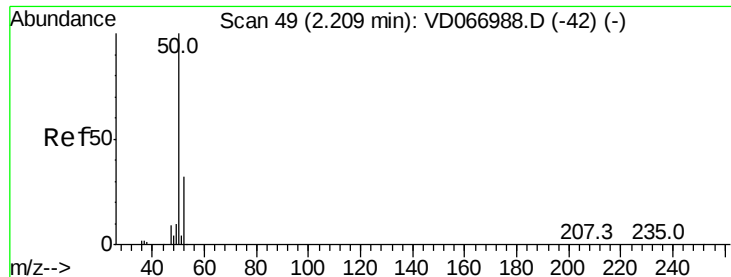
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 48.311 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

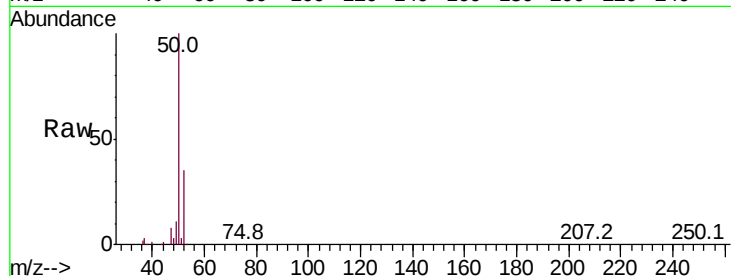
ICVVD100120

Tot Ion: 50 Resp: 193124

Ion Ratio Lower Upper

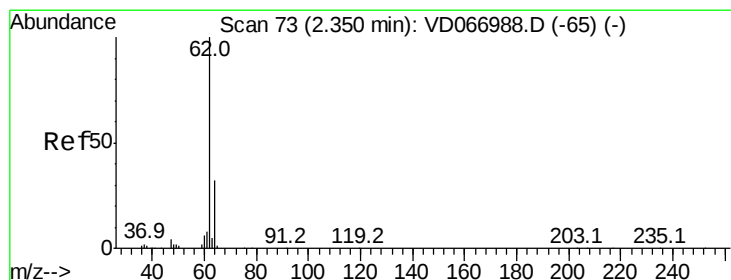
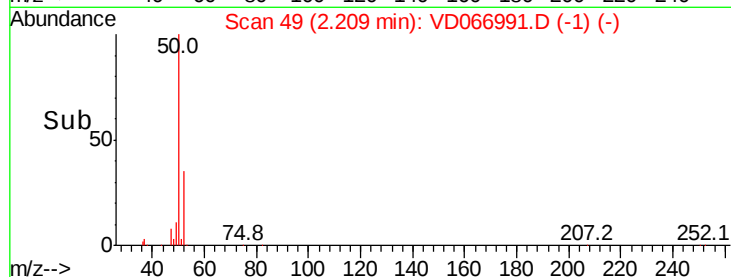
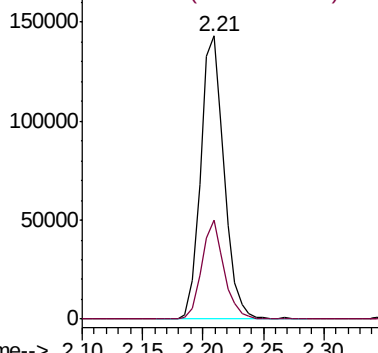
50 100

52 34.8 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 47.577 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066991.D

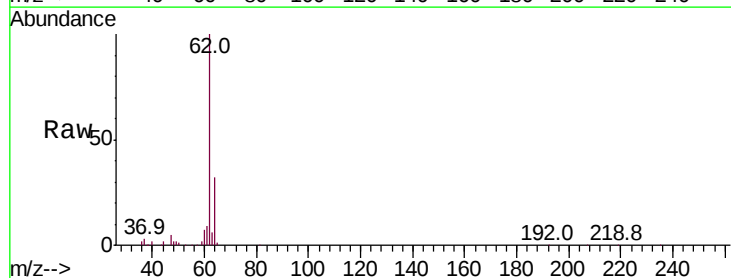
Acq: 01 Oct 2020 14:36

Tgt Ion: 62 Resp: 190702

Ion Ratio Lower Upper

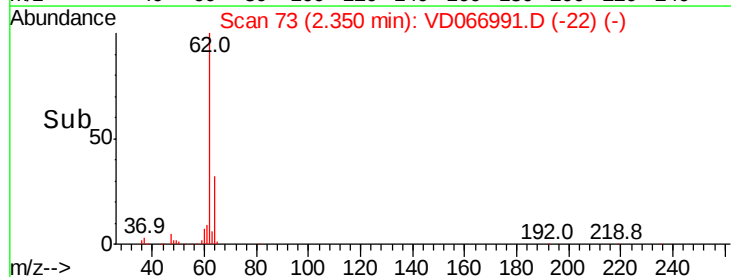
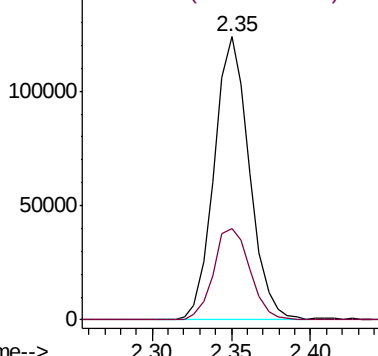
62 100

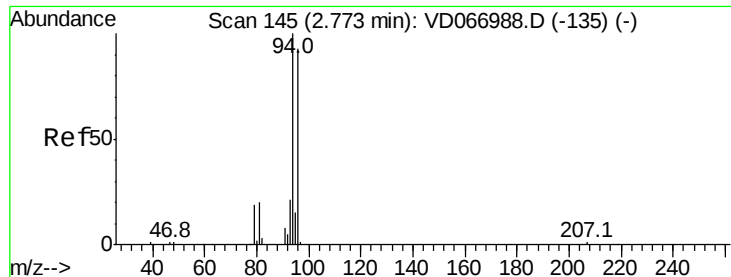
64 32.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 53.842 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

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ClientSampleId :

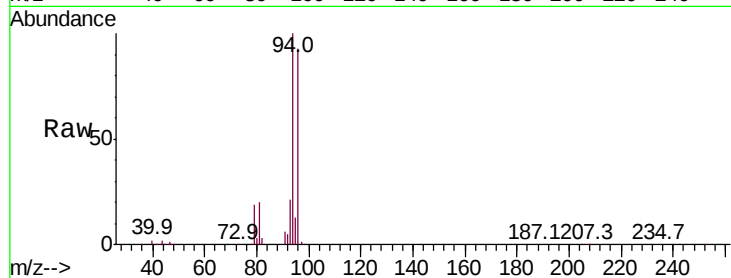
ICVVD100120

Tot Ion: 94 Resp: 138248

Ion Ratio Lower Upper

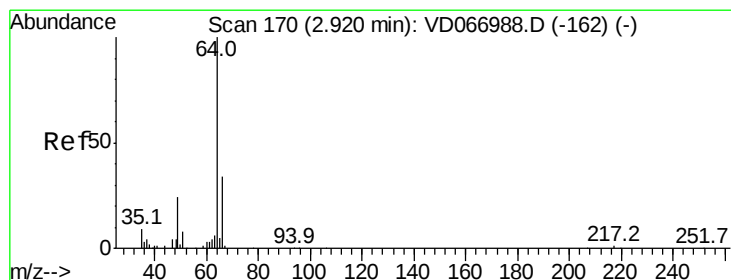
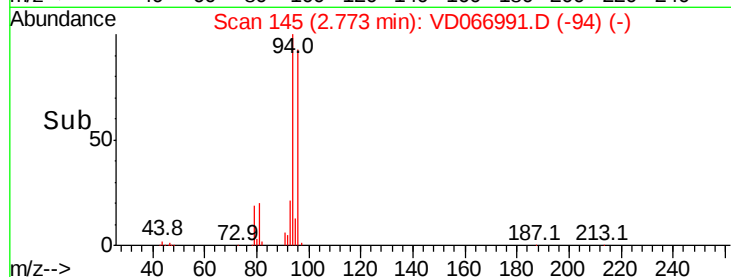
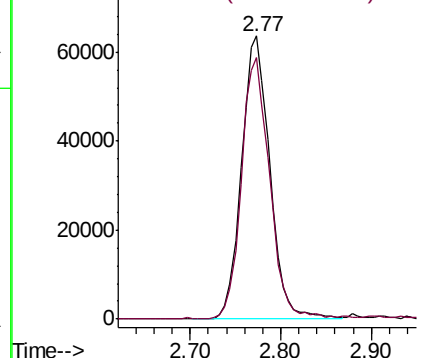
94 100

96 92.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.127 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066991.D

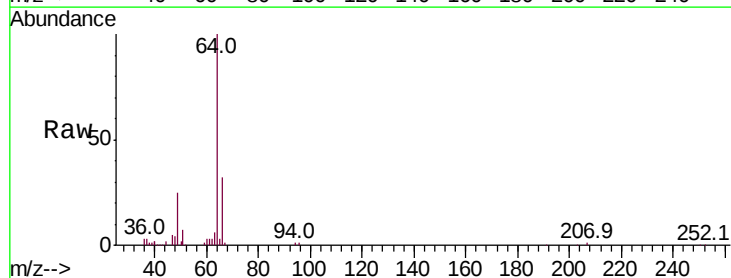
Acq: 01 Oct 2020 14:36

Tgt Ion: 64 Resp: 115037

Ion Ratio Lower Upper

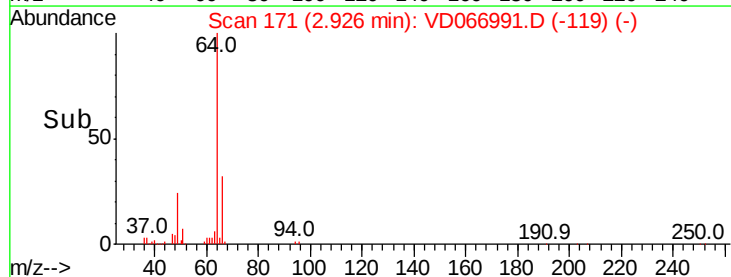
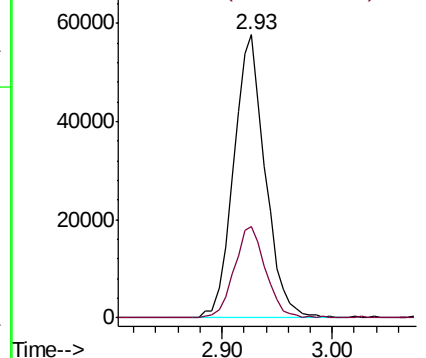
64 100

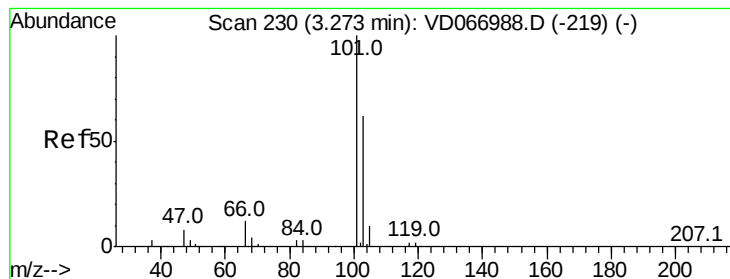
66 32.2 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



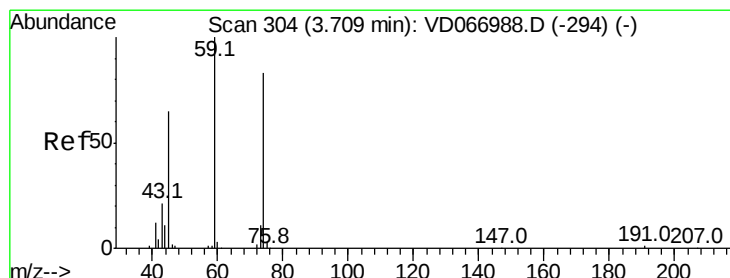
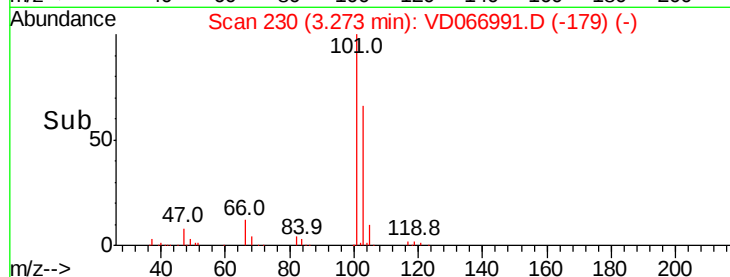
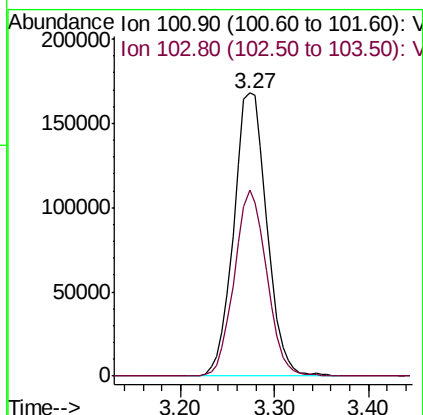
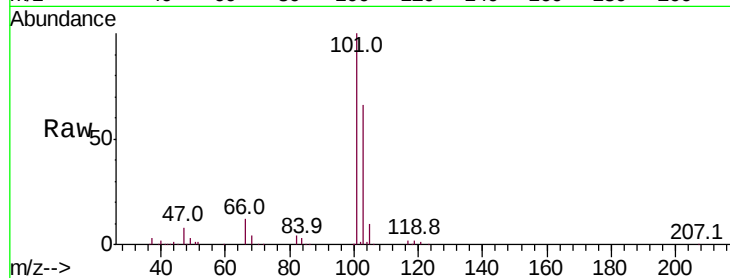


#7

Trichlorofluoromethane
 Concen: 46.170 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066991.D
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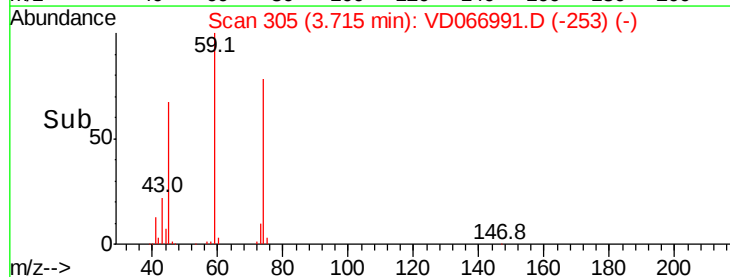
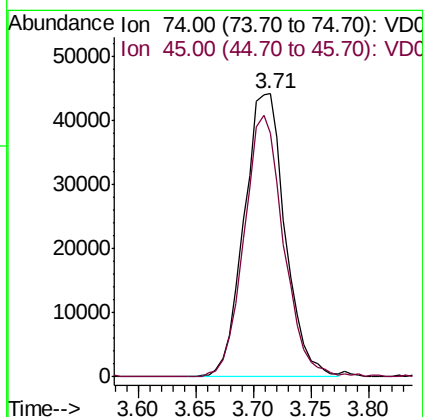
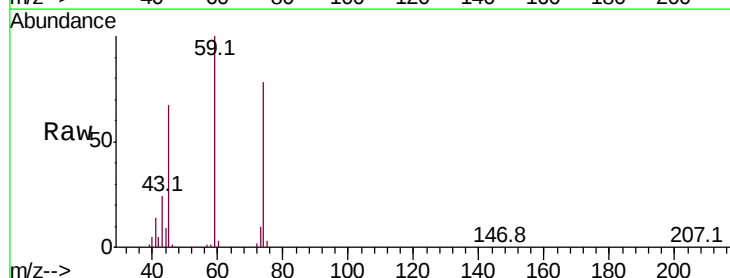
Tot Ion:101 Resp: 411158
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.8 74.8

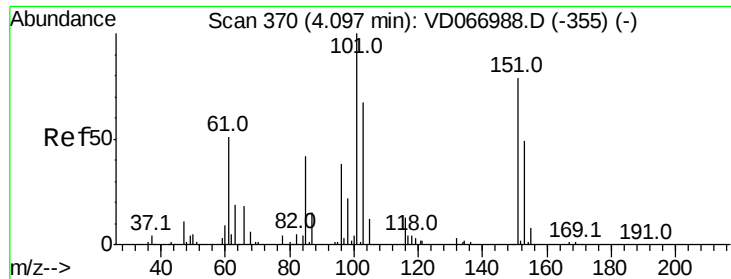


#8

Diethyl Ether
 Concen: 49.759 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion: 74 Resp: 109886
 Ion Ratio Lower Upper
 74 100
 45 88.8 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.042 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

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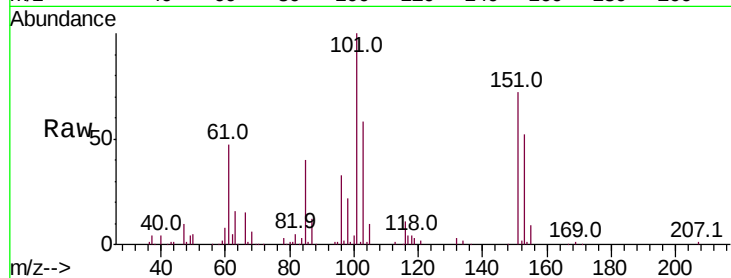
Tot Ion:101 Resp: 241815

Ion Ratio Lower Upper

101 100

85 41.7 33.8 50.8

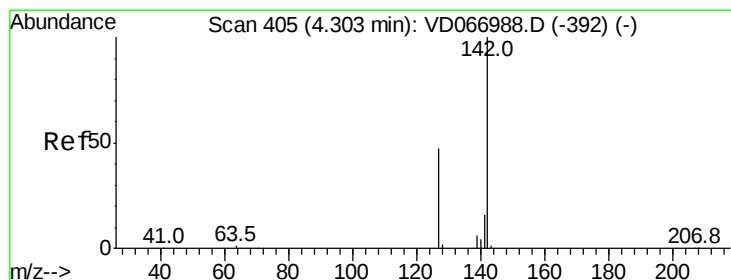
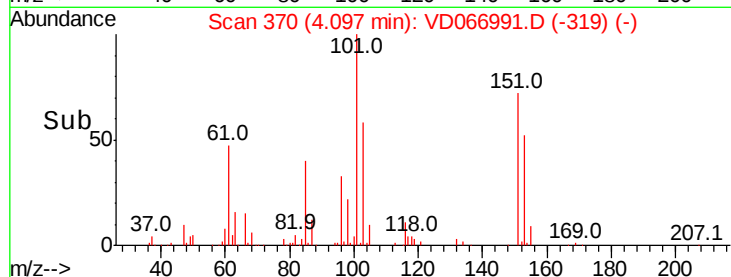
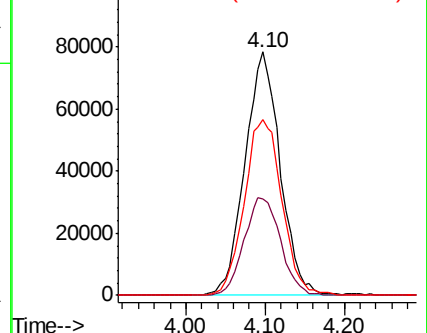
151 76.9 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.442 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

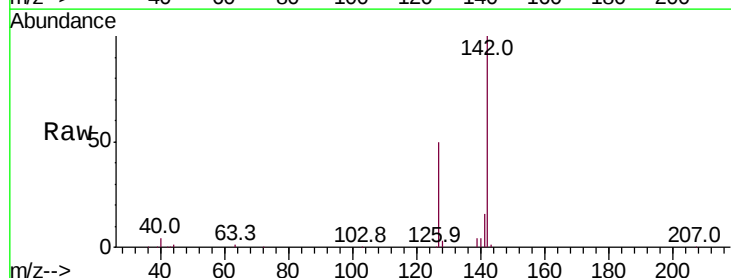
Tgt Ion:142 Resp: 232027

Ion Ratio Lower Upper

142 100

127 46.0 36.3 54.5

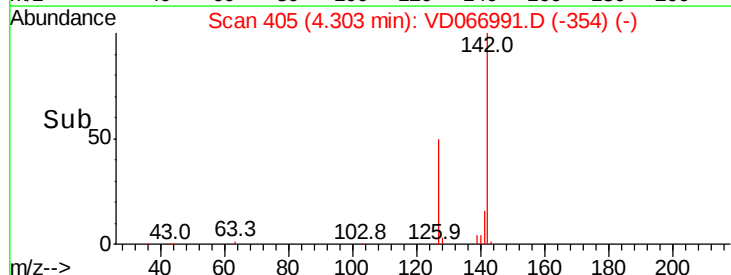
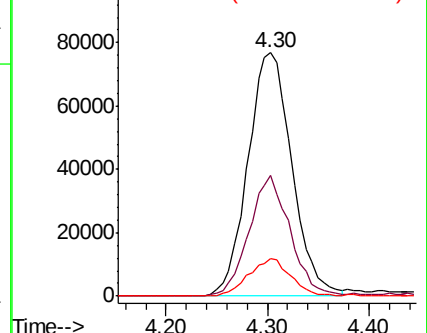
141 14.7 12.0 18.0

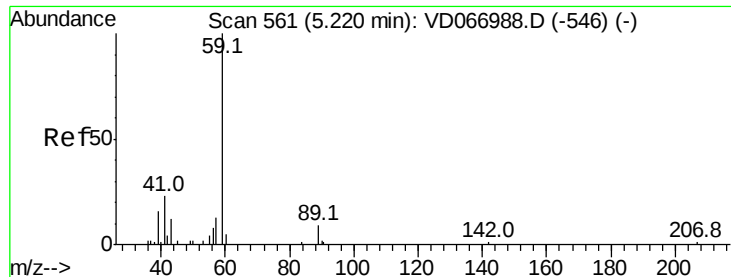


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

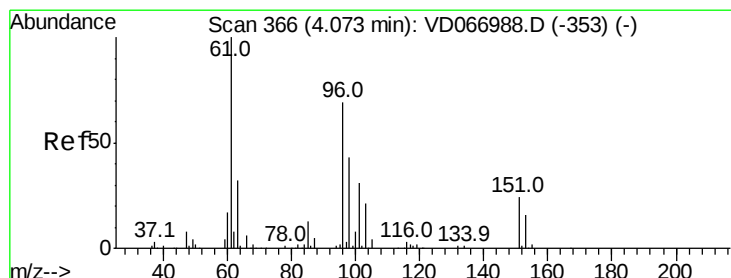
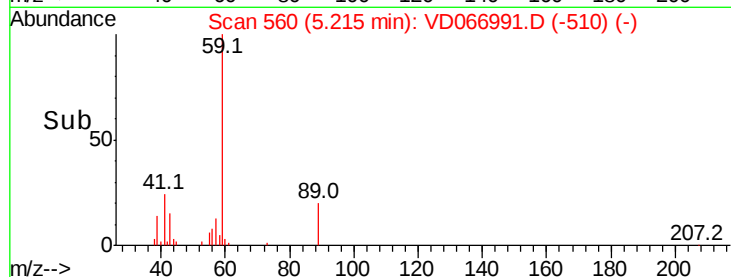
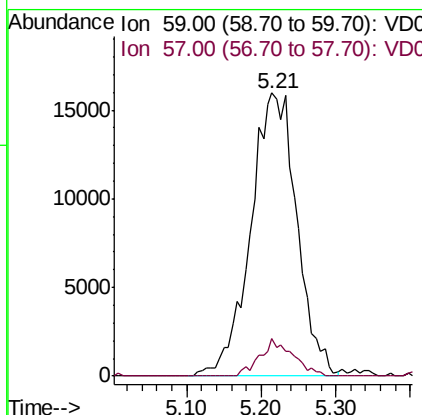
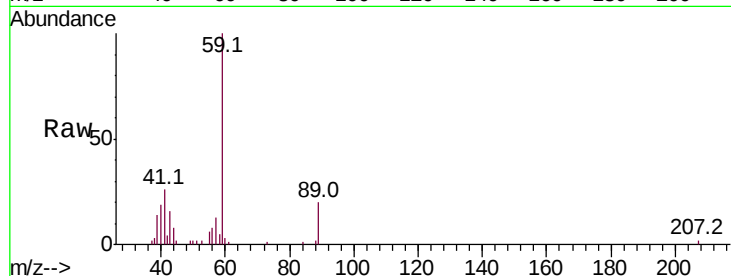




#11
Tert butyl alcohol
Concen: 240.907 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

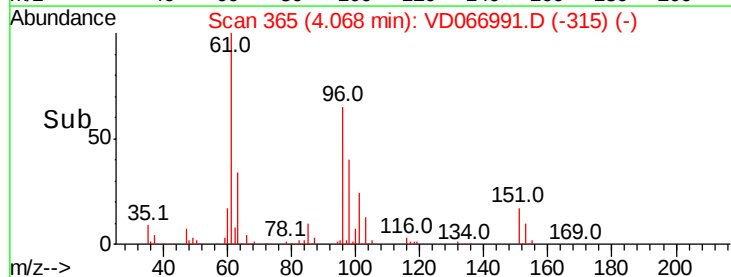
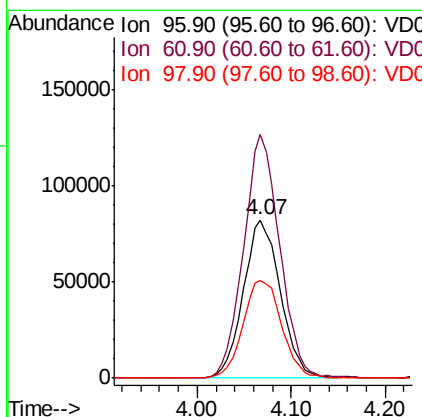
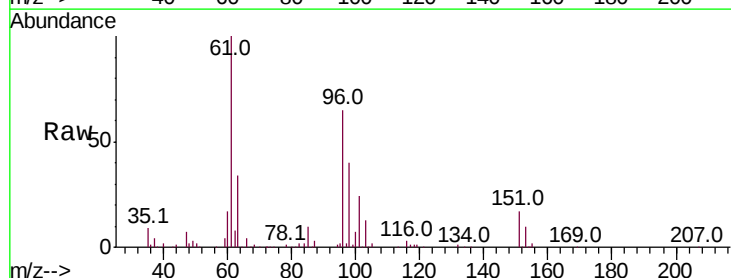
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

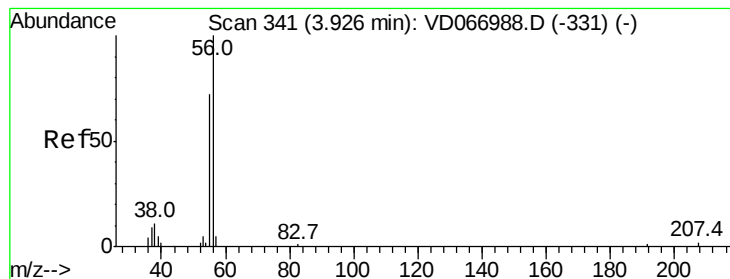
Tot Ion: 59 Resp: 68762
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.507 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion: 96 Resp: 224795
Ion Ratio Lower Upper
96 100
61 154.2 116.4 174.6
98 62.1 49.9 74.9





#13

Acrolein

Concen: 223.014 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

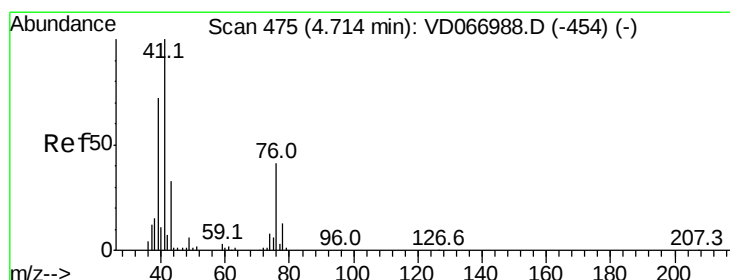
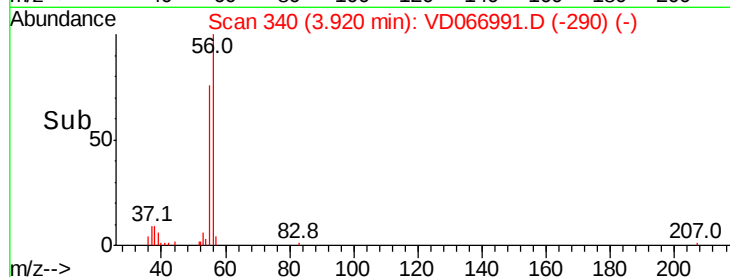
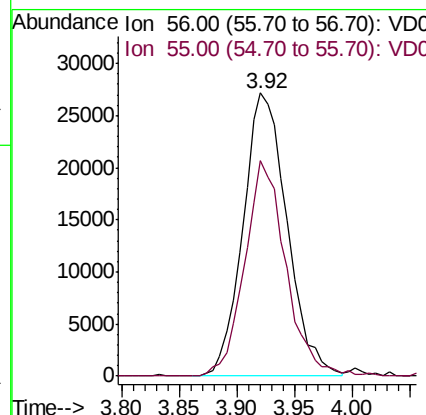
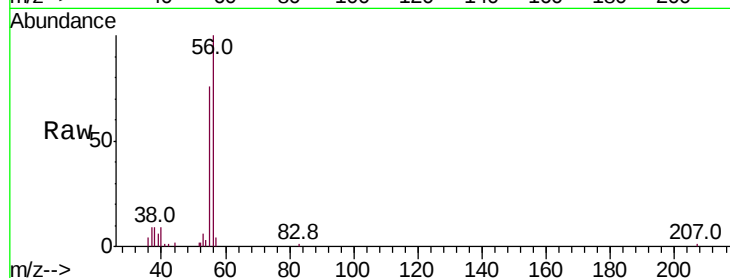
ICVVD100120

Tot Ion: 56 Resp: 72198

Ion Ratio Lower Upper

56 100

55 71.2 56.9 85.3



#14

Allyl chloride

Concen: 50.575 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

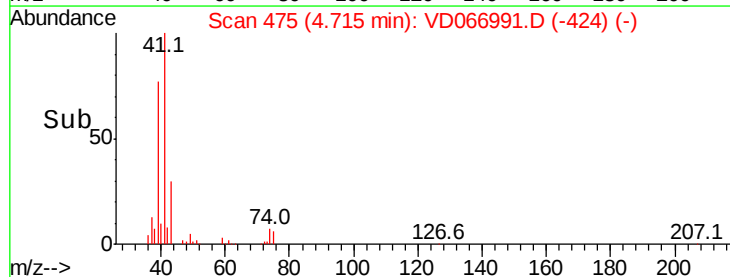
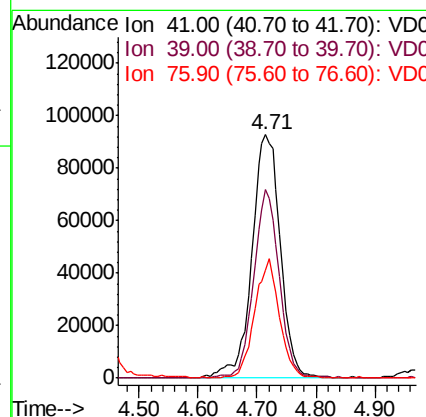
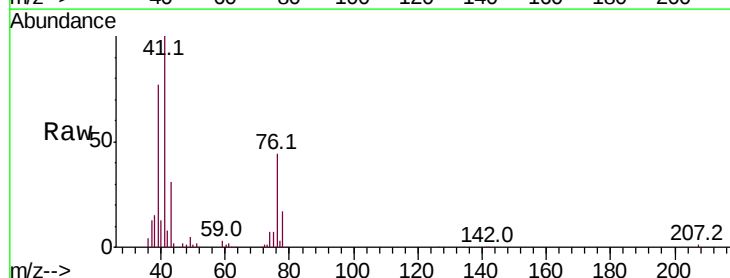
Tgt Ion: 41 Resp: 310884

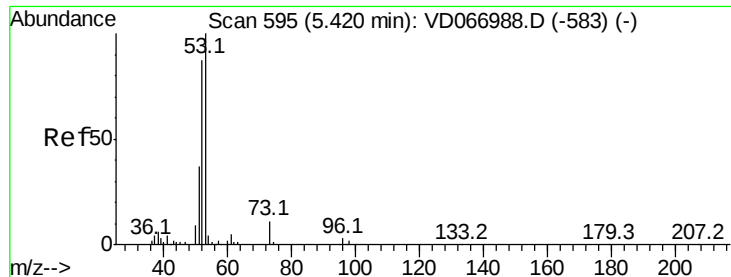
Ion Ratio Lower Upper

41 100

39 69.5 56.2 84.2

76 42.1 34.2 51.2

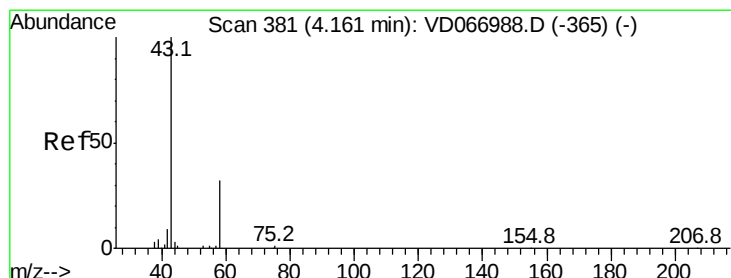
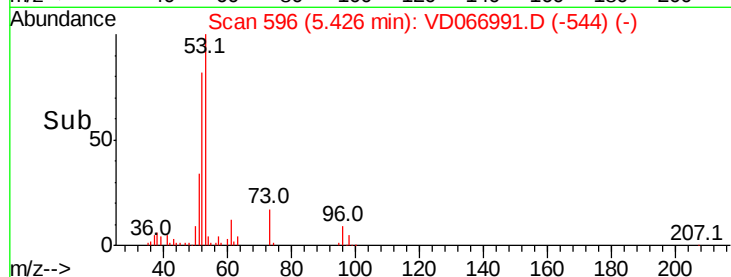
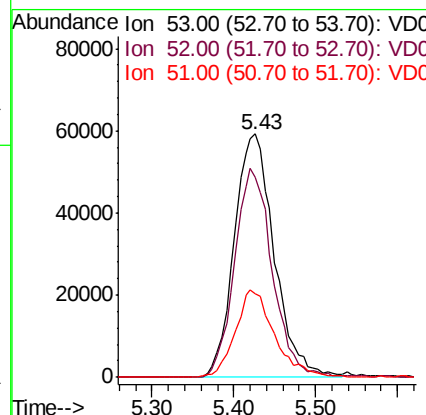
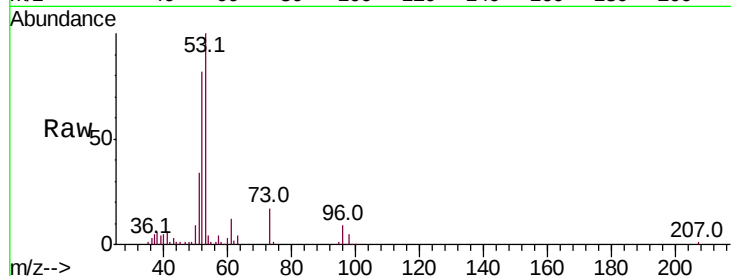




#15
 Acrylonitrile
 Concen: 247.273 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

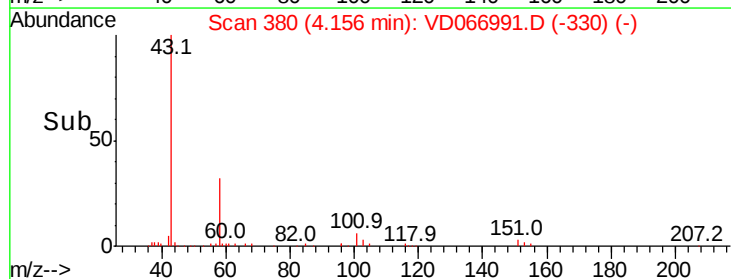
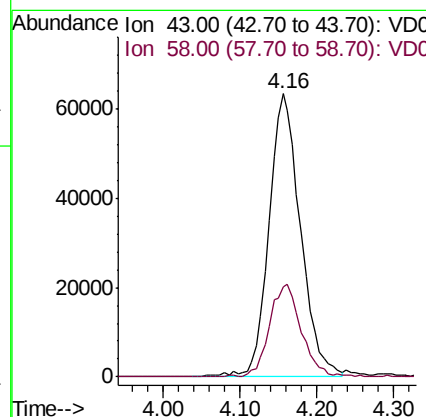
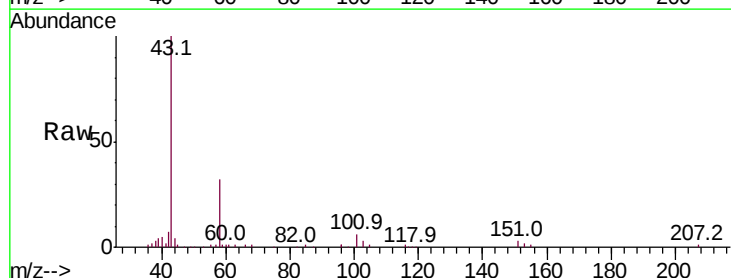
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

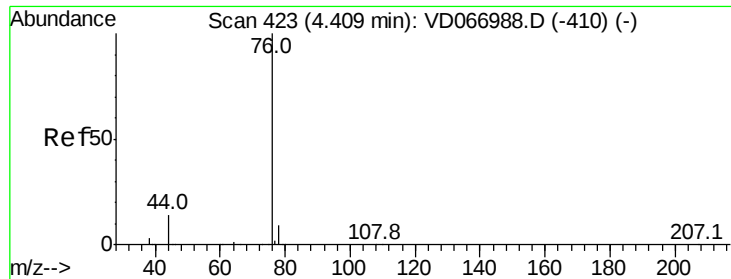
Tot Ion: 53 Resp: 200976
 Ion Ratio Lower Upper
 53 100
 52 81.4 67.3 100.9
 51 35.2 30.2 45.2



#16
 Acetone
 Concen: 243.826 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion: 43 Resp: 179953
 Ion Ratio Lower Upper
 43 100
 58 32.0 25.9 38.9

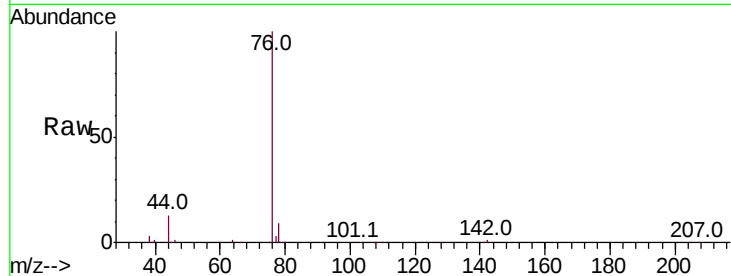




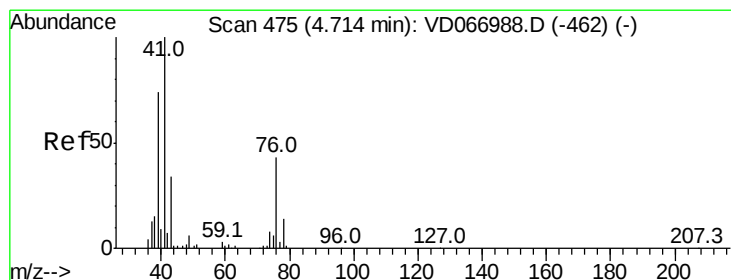
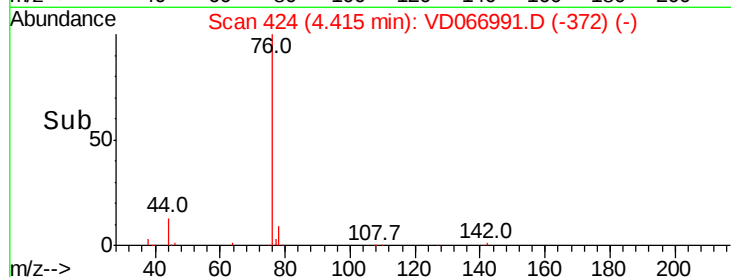
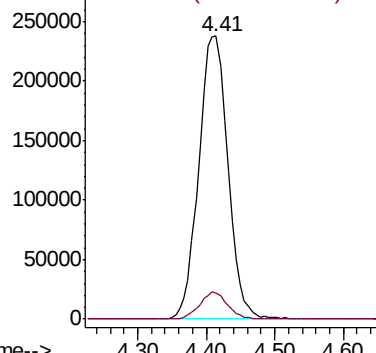
#17
Carbon Disulfide
Concen: 48.375 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion: 76 Resp: 702478
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

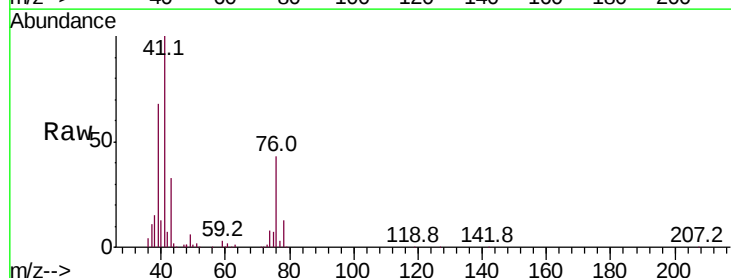


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

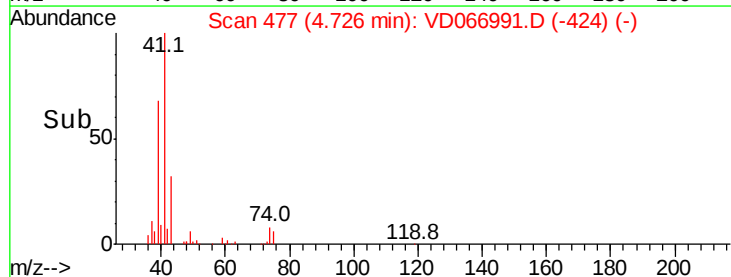
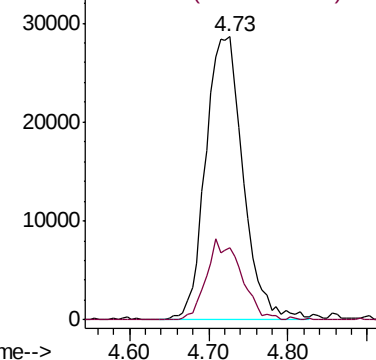


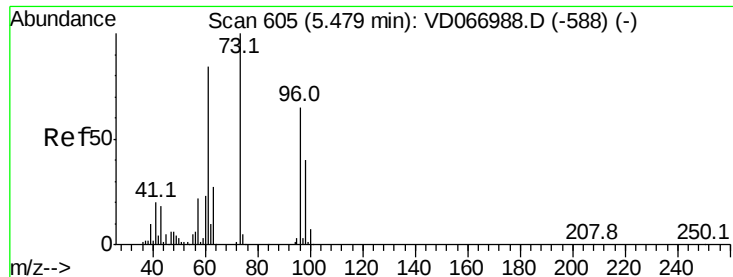
#18
Methyl Acetate
Concen: 50.749 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion: 43 Resp: 94137
Ion Ratio Lower Upper
43 100
74 25.9 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

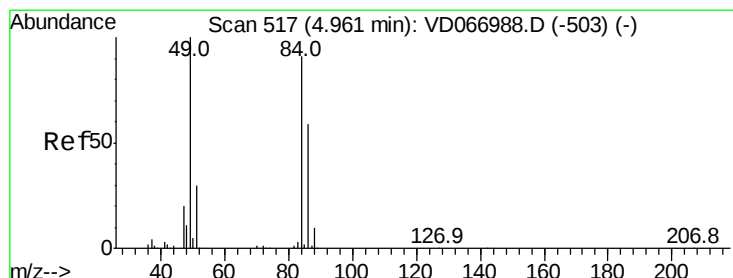
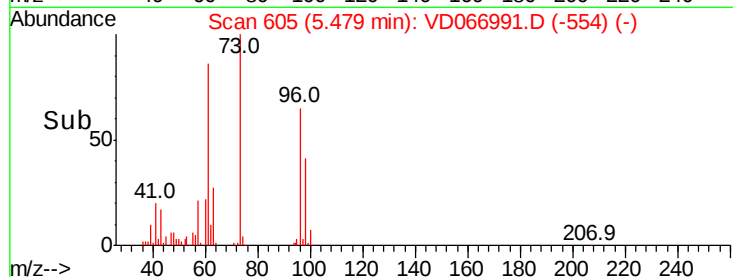
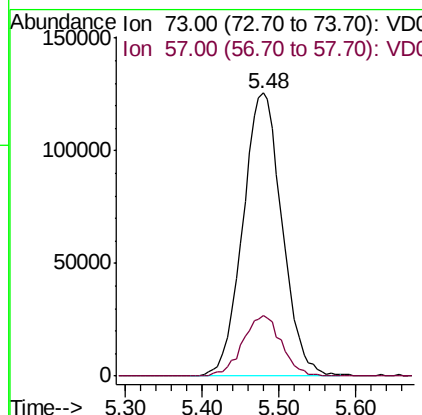
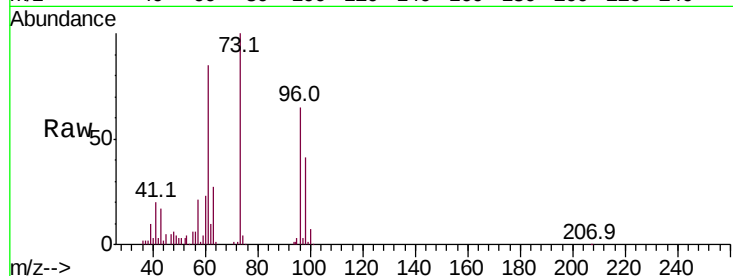




#19
Methvl tert-butvl Ether
Concen: 51.783 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

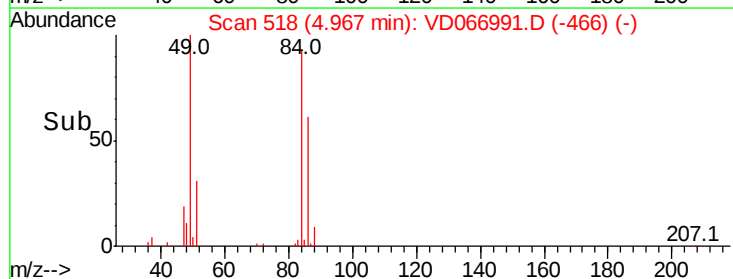
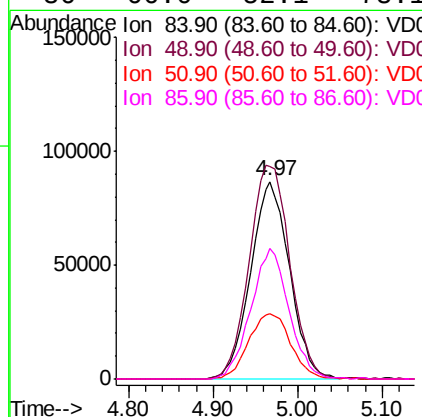
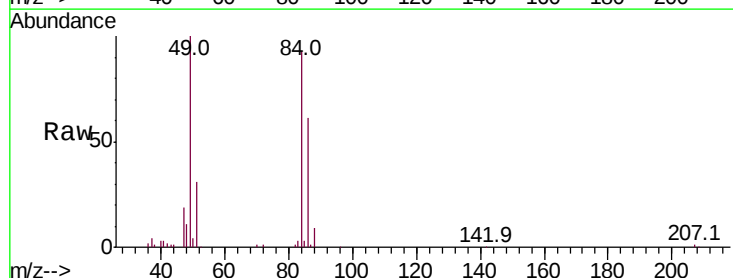
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

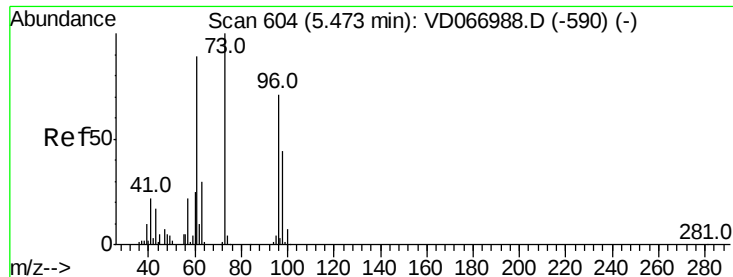
Tot Ion: 73 Resp: 447305
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0



#20
Methylene Chloride
Concen: 53.548 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion: 84 Resp: 277746
Ion Ratio Lower Upper
84 100
49 107.6 88.2 132.2
51 33.3 26.6 39.8
86 66.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 48.927 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

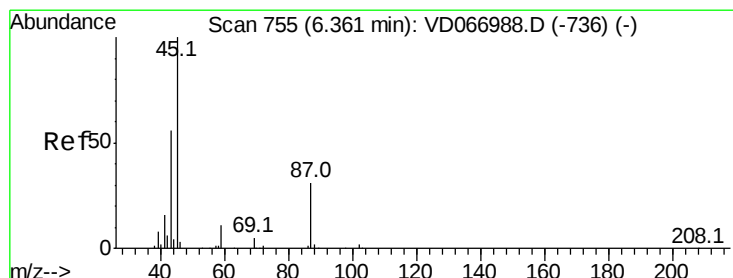
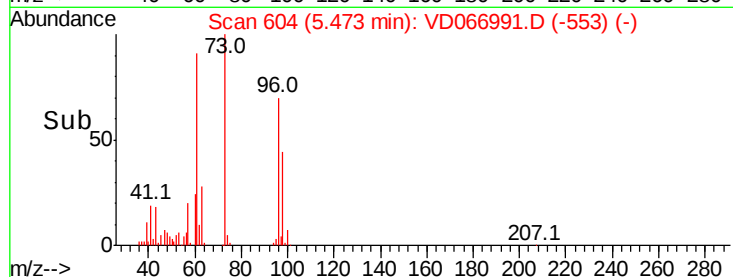
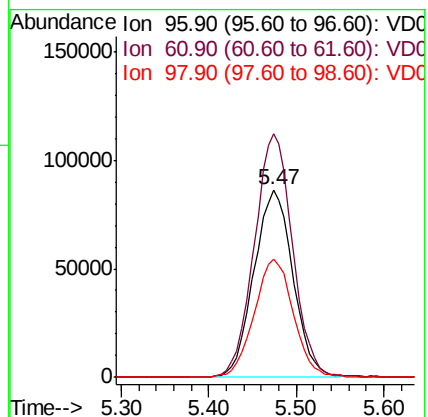
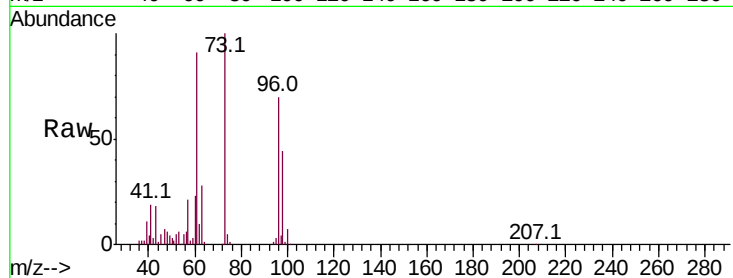
Tot Ion: 96 Resp: 263474

Ion Ratio Lower Upper

96 100

61 129.9 99.6 149.4

98 63.1 49.4 74.2



#22

Diisopropyl ether

Concen: 51.686 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Tgt Ion: 45 Resp: 580037

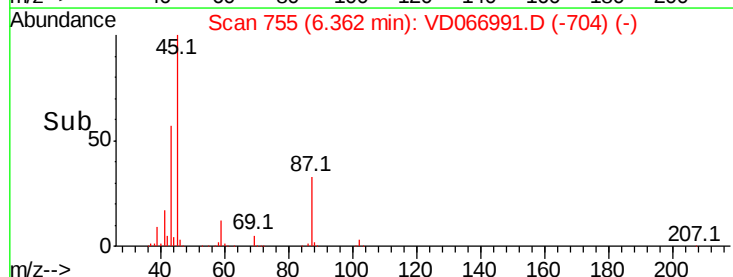
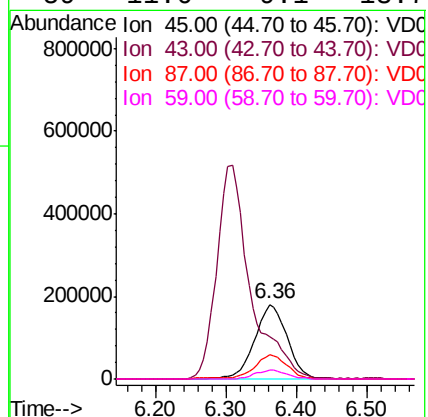
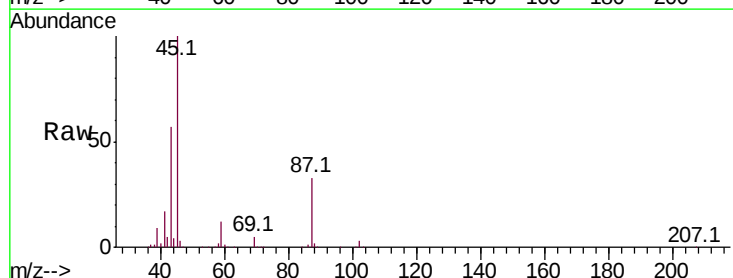
Ion Ratio Lower Upper

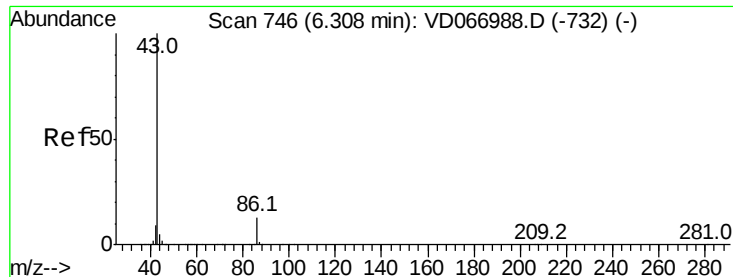
45 100

43 55.5 45.2 67.8

87 33.2 25.6 38.4

59 11.6 9.1 13.7





#23

Vinyl Acetate

Concen: 271.496 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

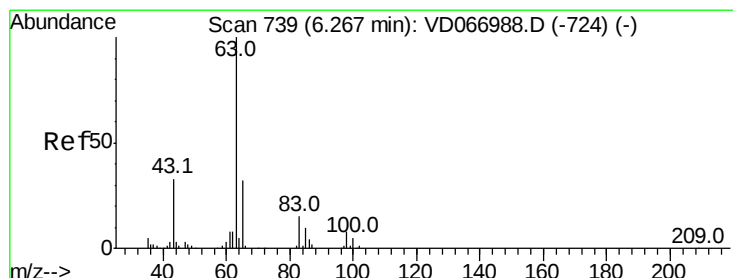
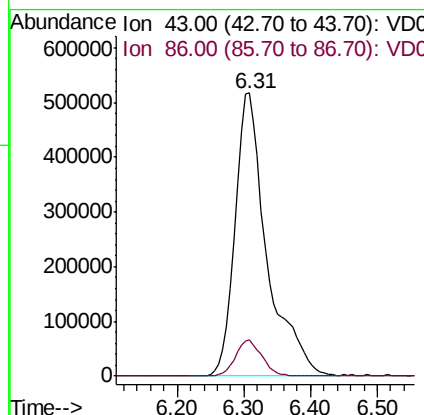
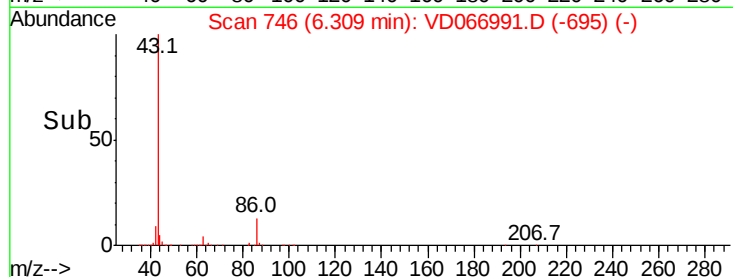
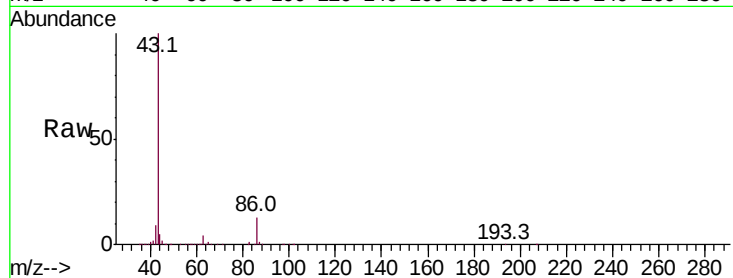
ICVVD100120

Tot Ion: 43 Resp: 1726513

Ion Ratio Lower Upper

43 100

86 12.7 10.2 15.2



#24

1,1-Dichloroethane

Concen: 48.222 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

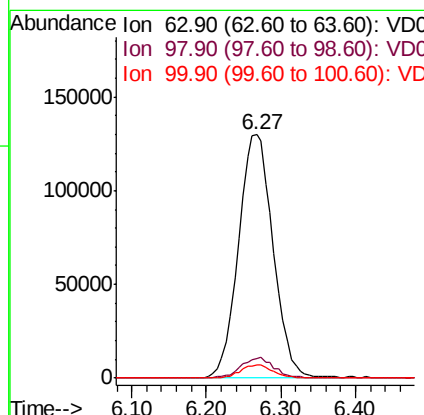
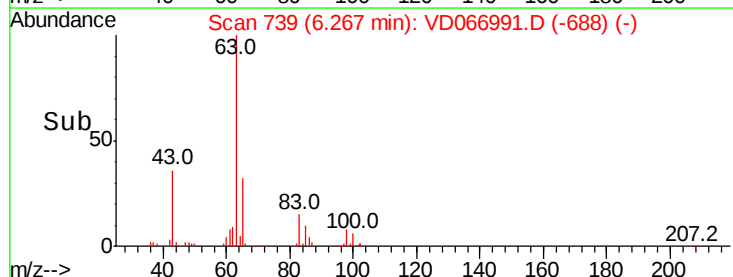
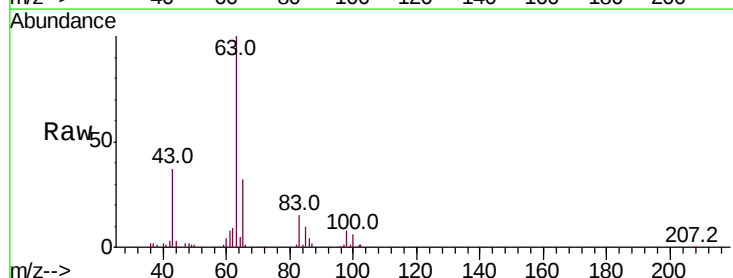
Tgt Ion: 63 Resp: 417641

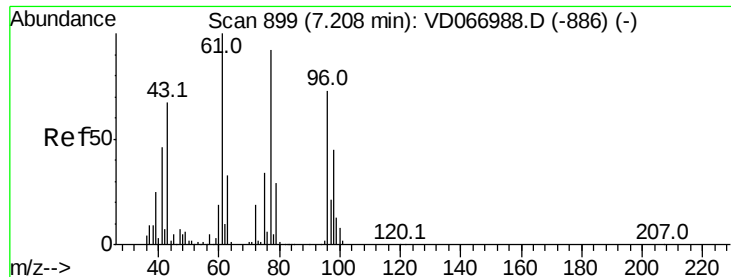
Ion Ratio Lower Upper

63 100

98 8.1 4.2 12.6

100 5.5 2.6 7.8

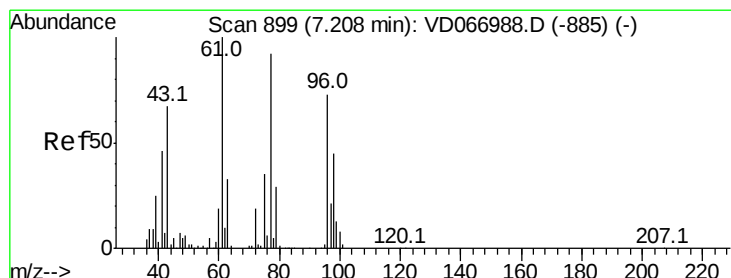
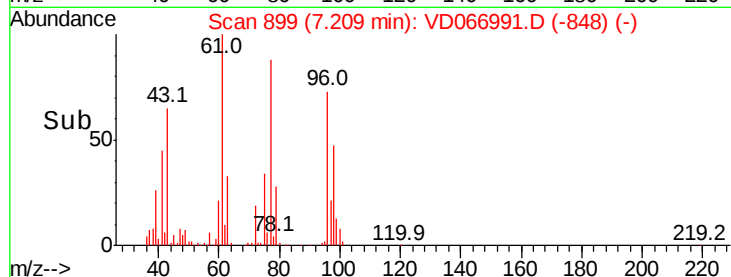
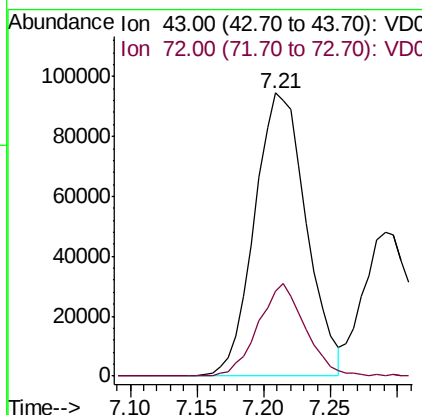
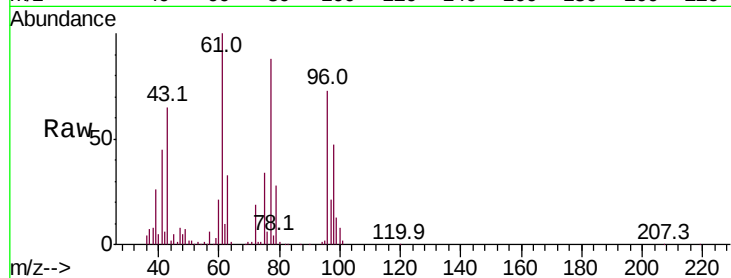




#25
 2-Butanone
 Concen: 243.316 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

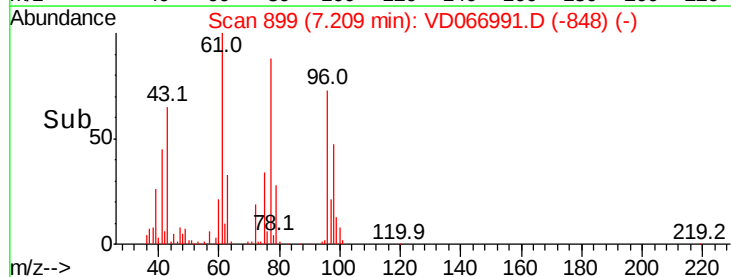
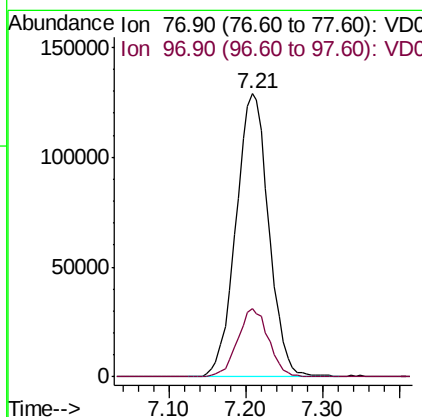
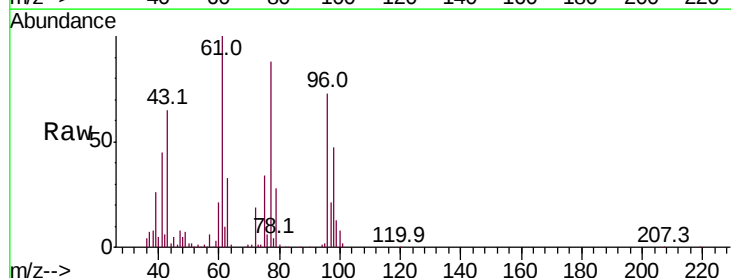
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

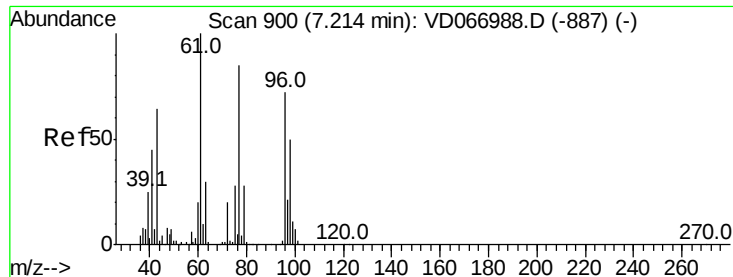
Tot Ion: 43 Resp: 254598
 Ion Ratio Lower Upper
 43 100
 72 30.0 22.8 34.2



#26
 2,2-Dichloropropane
 Concen: 51.991 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion: 77 Resp: 383817
 Ion Ratio Lower Upper
 77 100
 97 22.9 11.4 34.2



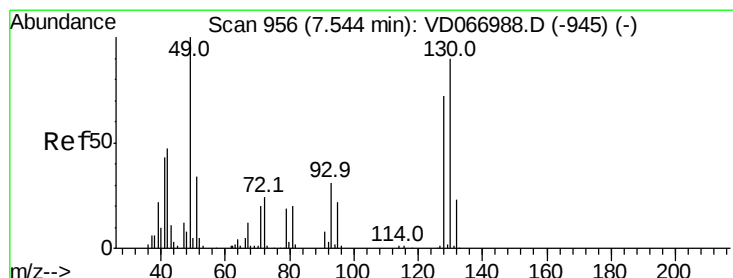
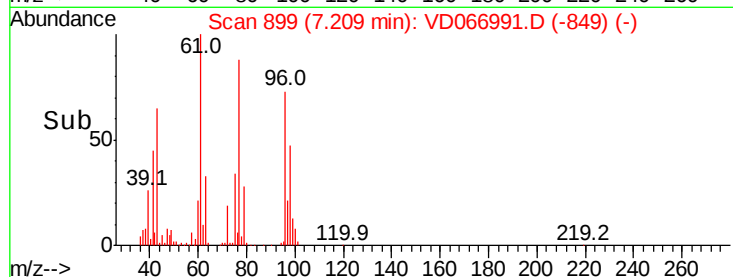
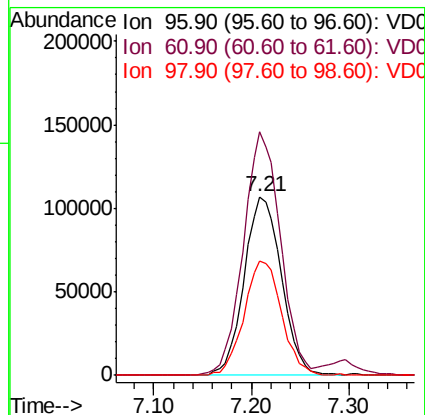
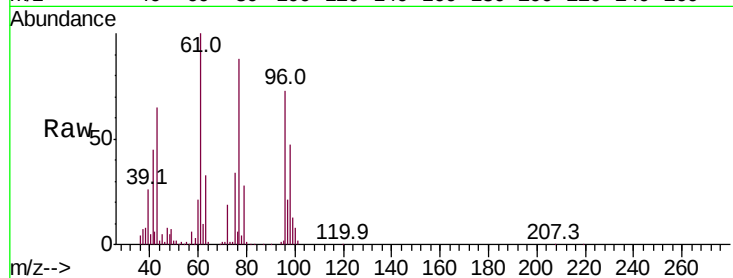


#27

cis-1,2-Dichloroethene
 Concen: 49.597 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

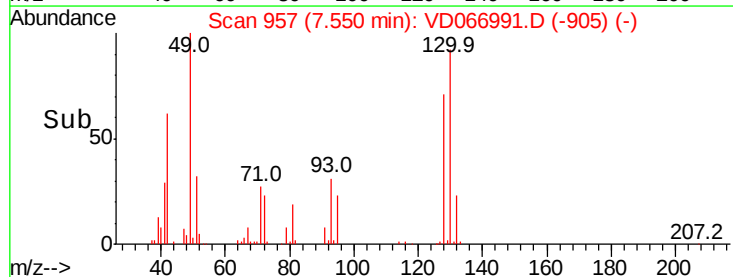
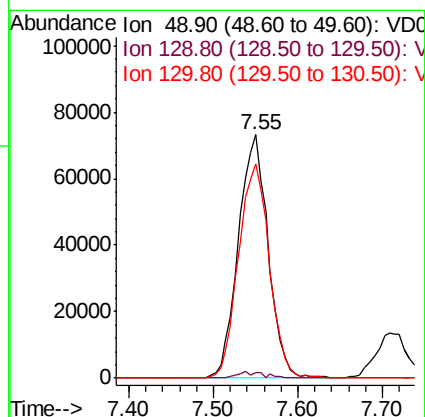
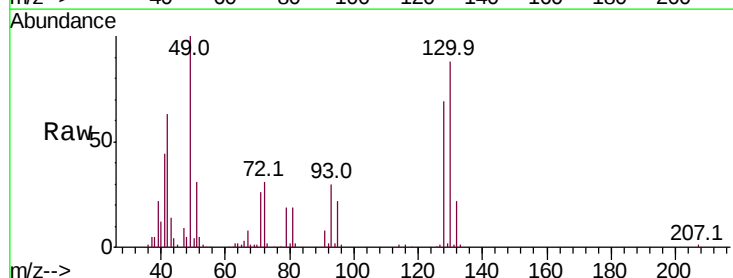
Tot Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	269.2
98	64.3	0.0	129.4

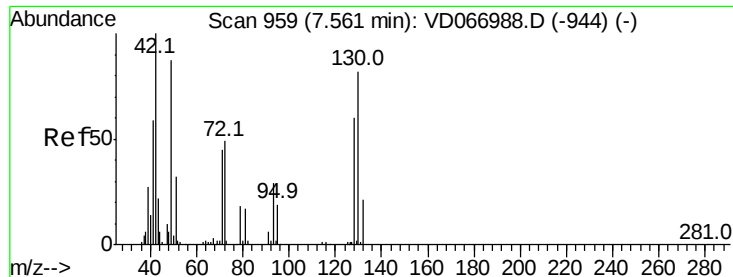


#28

Bromochloromethane
 Concen: 53.440 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	91.3	74.1	111.1





#29

Tetrahydrofuran

Concen: 260.913 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

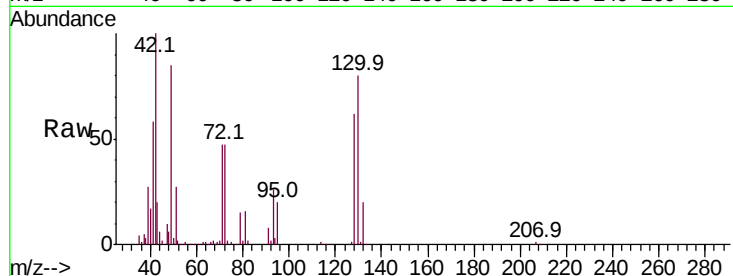
Tot Ion: 42 Resp: 156979

Ion Ratio Lower Upper

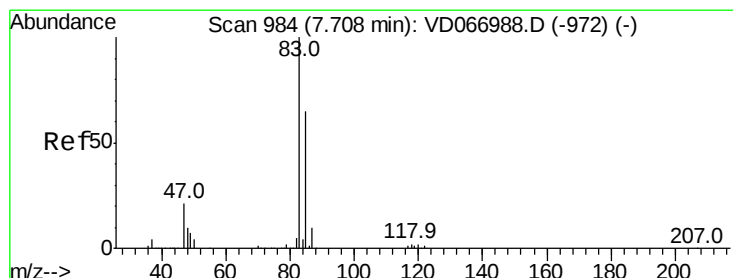
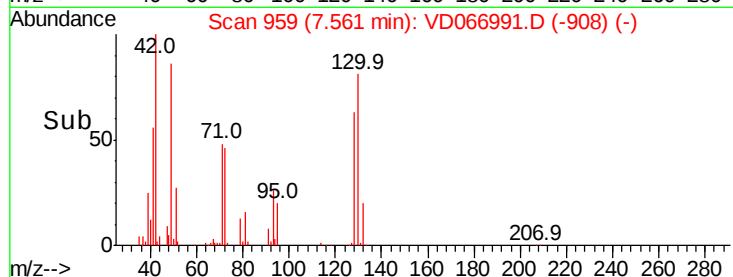
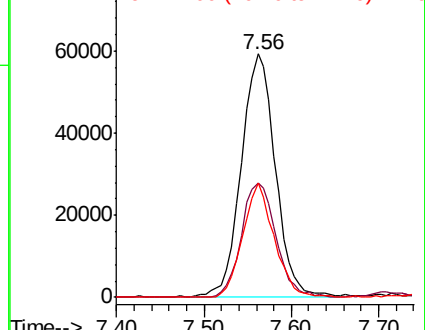
42 100

72 47.8 39.1 58.7

71 43.3 34.2 51.4



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: 48.782 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066991.D

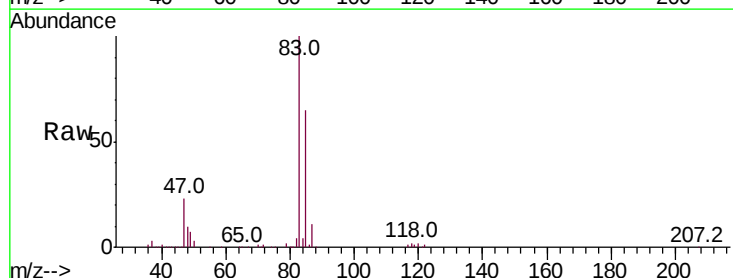
Acq: 01 Oct 2020 14:36

Tgt Ion: 83 Resp: 458311

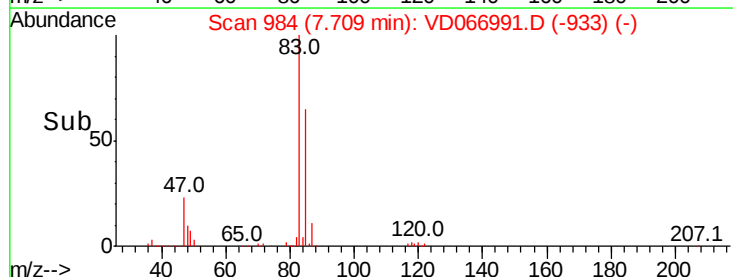
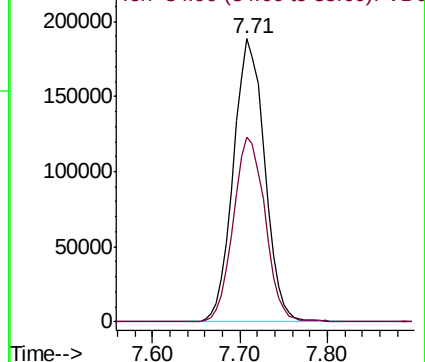
Ion Ratio Lower Upper

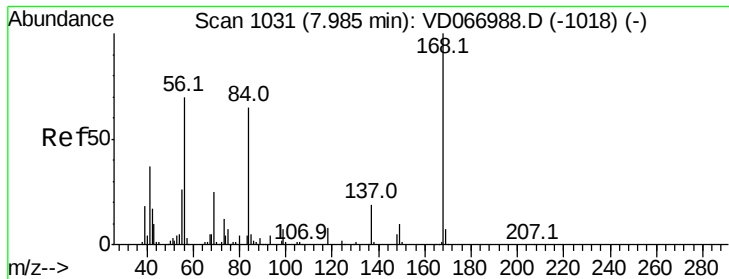
83 100

85 65.2 52.3 78.5



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

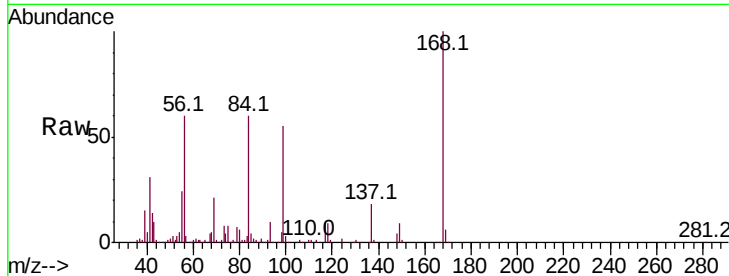




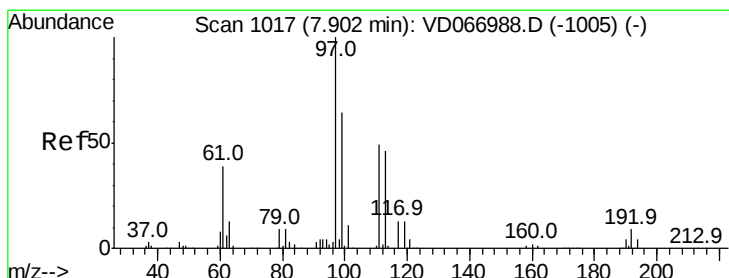
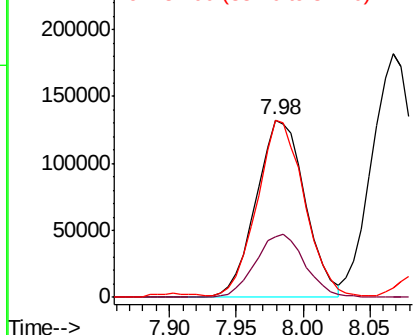
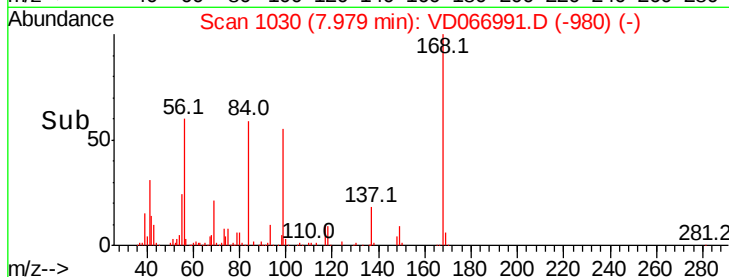
#31
Cyclohexane
Concen: 46.413 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion: 56 Resp: 337001
Ion Ratio Lower Upper
56 100
69 34.2 29.0 43.6
84 98.6 74.2 111.2

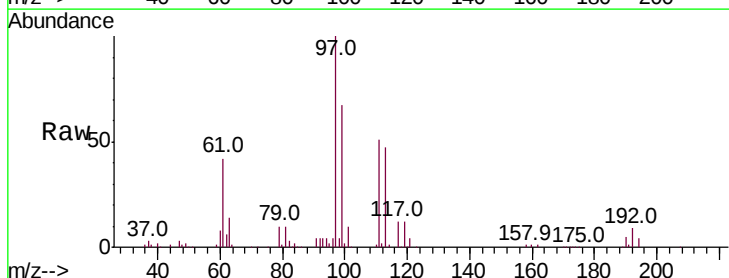


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

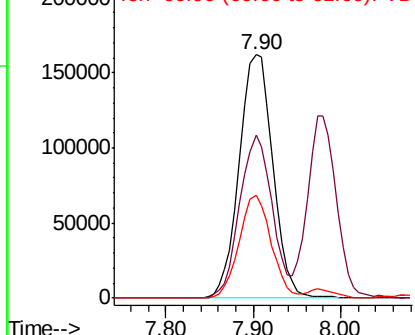
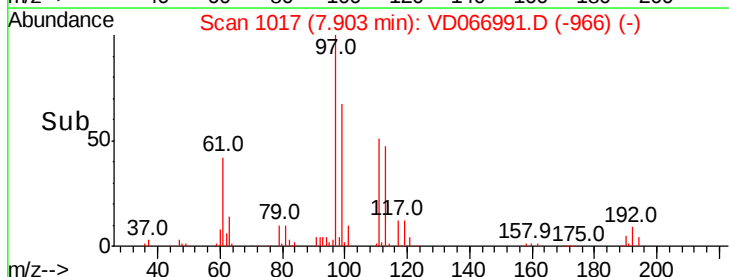


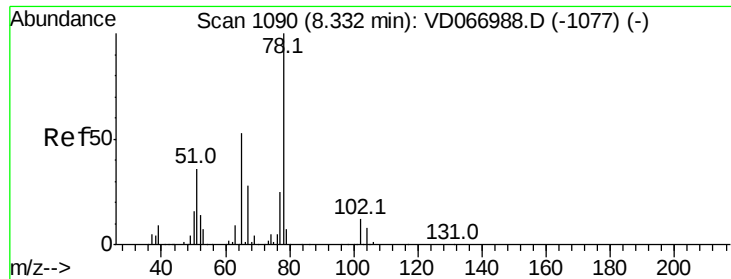
#32
1,1,1-Trichloroethane
Concen: 48.576 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion: 97 Resp: 422951
Ion Ratio Lower Upper
97 100
99 65.1 52.6 78.8
61 40.1 32.8 49.2



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: 50.404 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

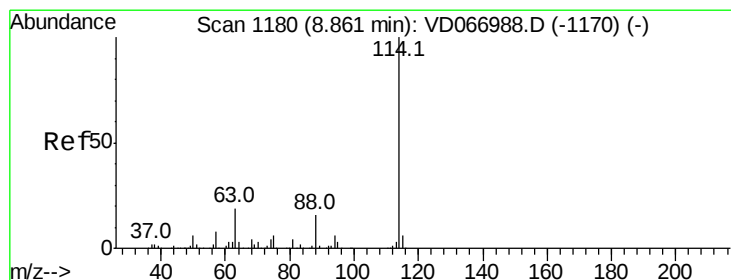
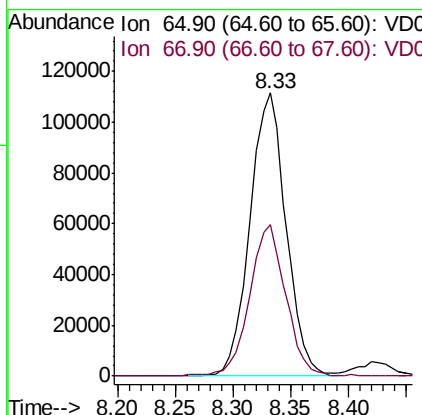
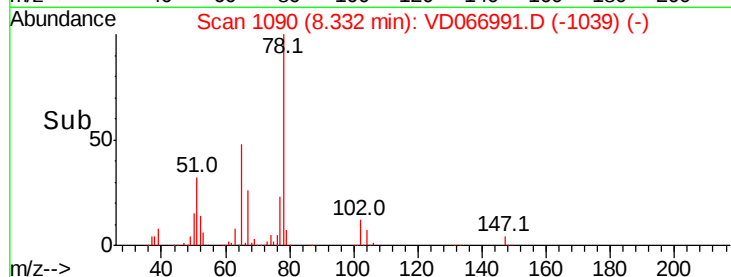
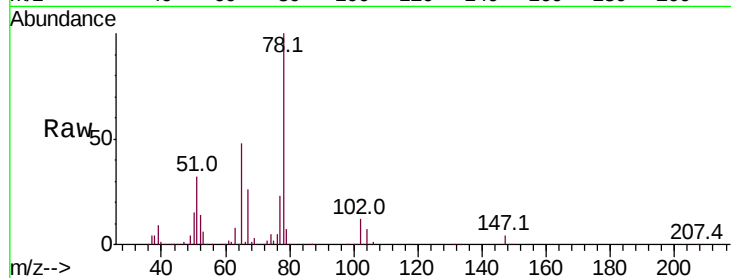
ICVVD100120

Tot Ion: 65 Resp: 243693

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

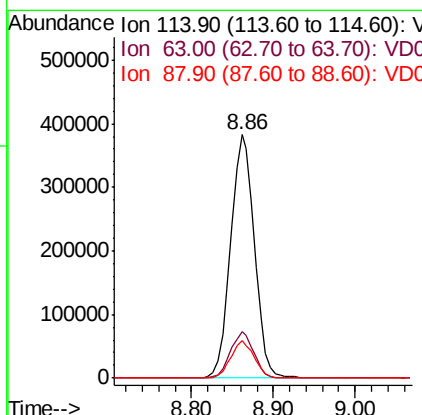
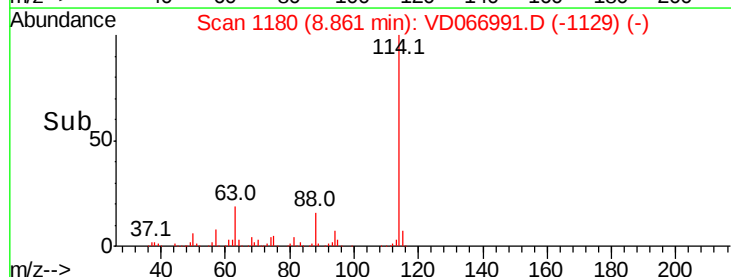
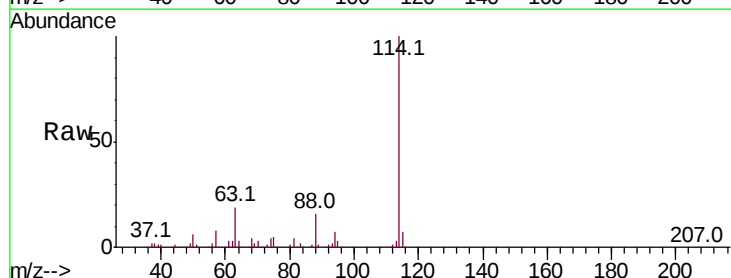
Tgt Ion: 114 Resp: 774365

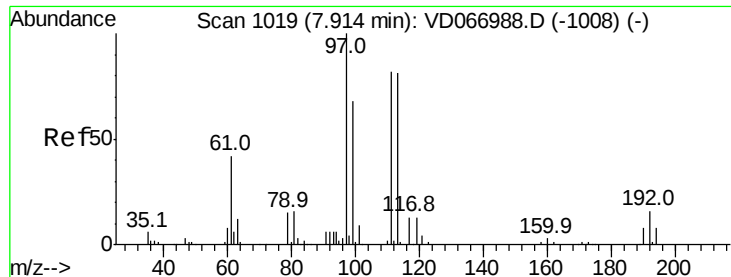
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 15.5 0.0 31.2

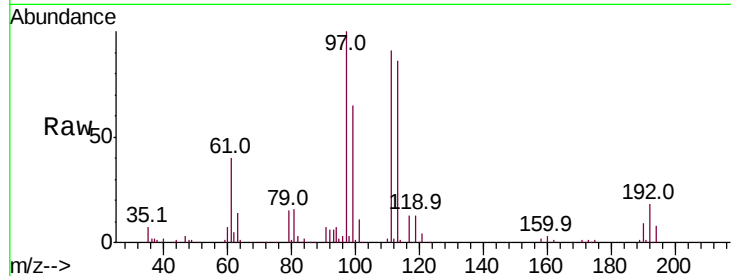




#35
 Dibromofluoromethane
 Concen: 51.893 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.0	124.4
192	19.4	15.5	23.3

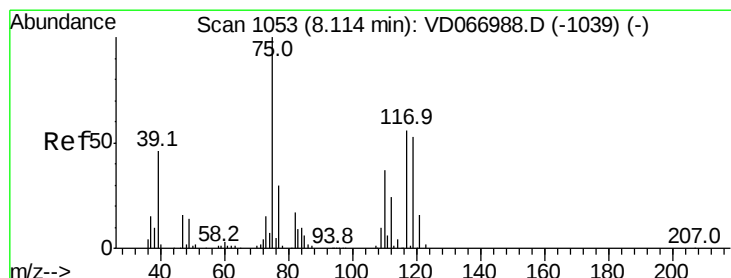
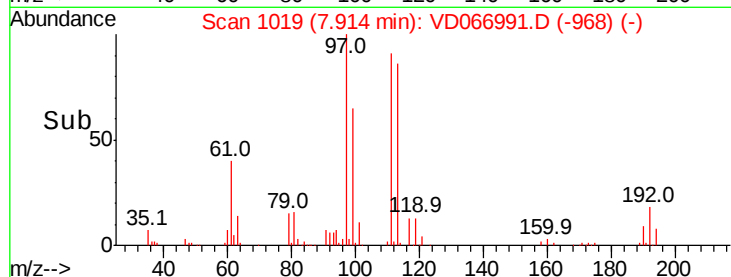
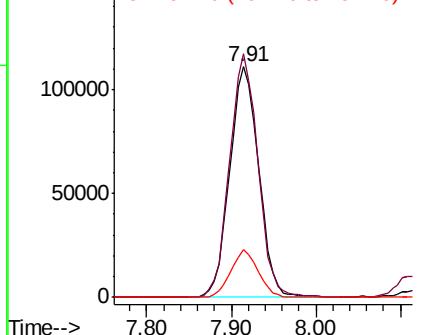


Abundance

Ion 112.80 (112.50 to 113.50): V

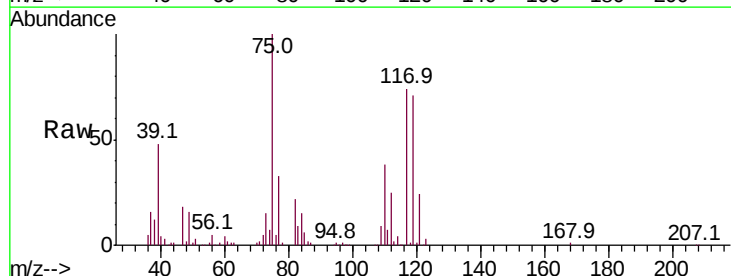
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 48.823 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.4	55.0
77	31.9	24.8	37.2

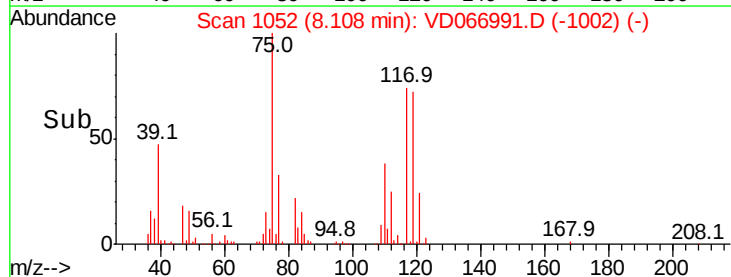
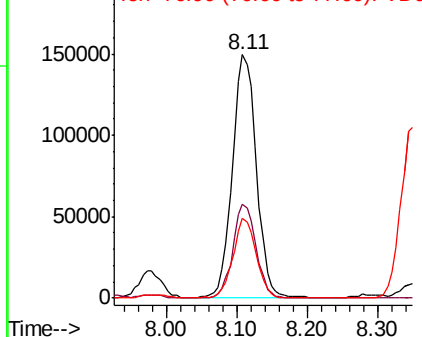


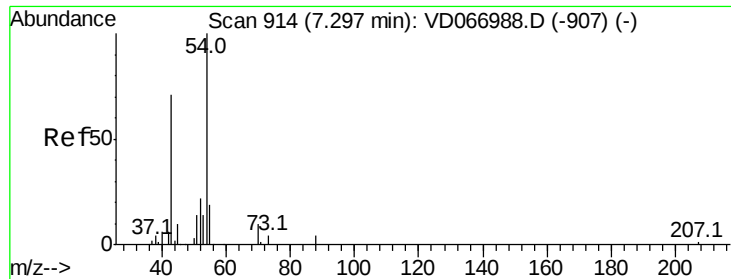
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

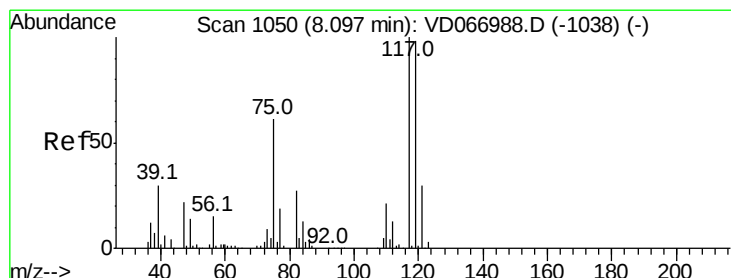
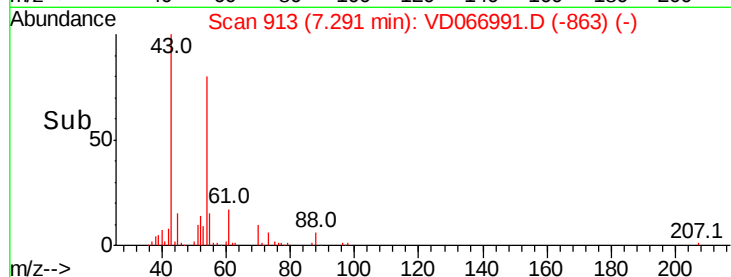
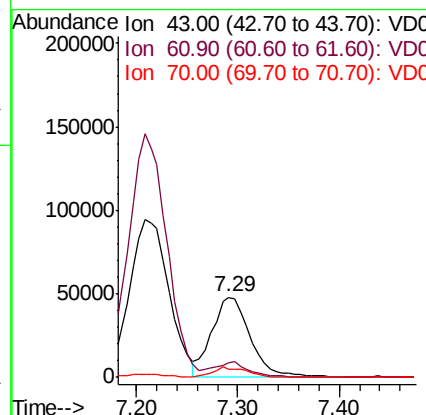
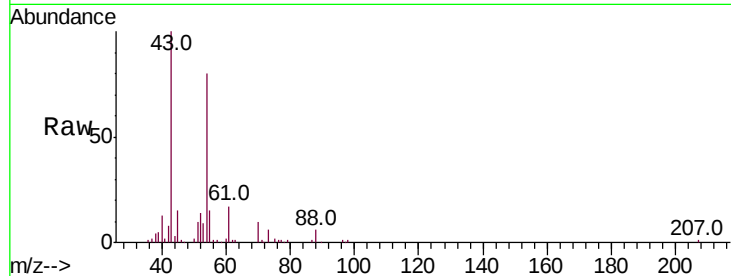




#37
Ethyl Acetate
Concen: 50.057 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

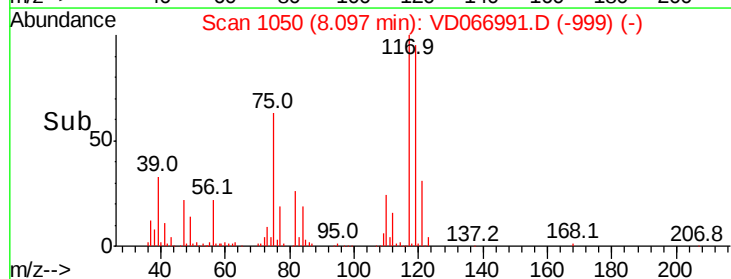
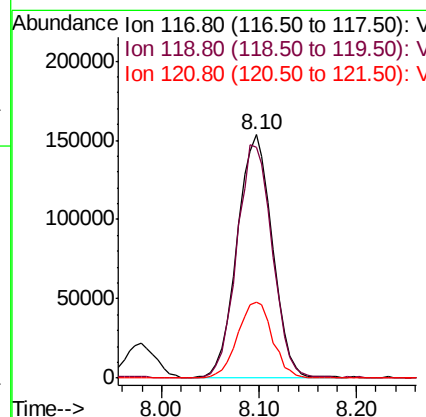
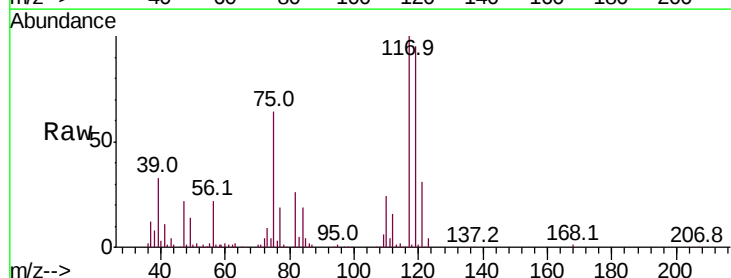
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

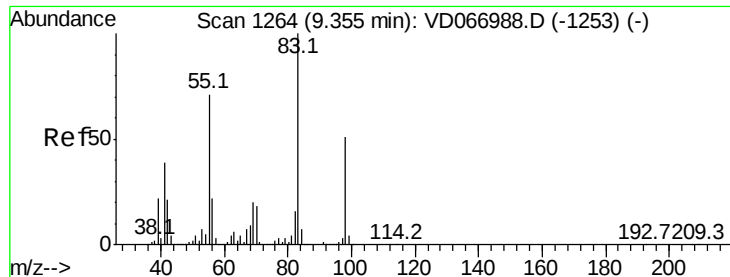
Tot Ion: 43 Resp: 125168
Ion Ratio Lower Upper
43 100
61 16.7 12.5 18.7
70 11.5 9.4 14.0



#38
Carbon Tetrachloride
Concen: 49.044 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion: 117 Resp: 383021
Ion Ratio Lower Upper
117 100
119 94.6 78.7 118.1
121 31.3 24.2 36.2

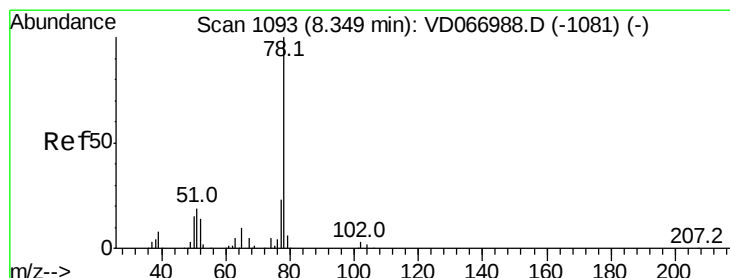
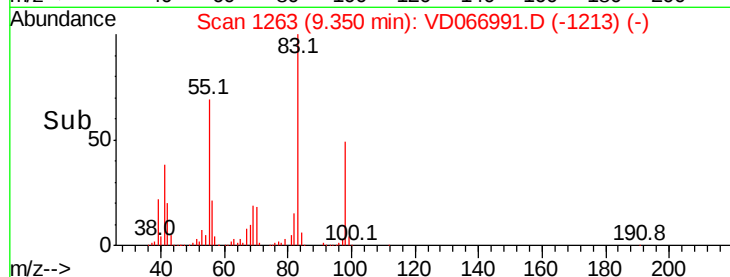
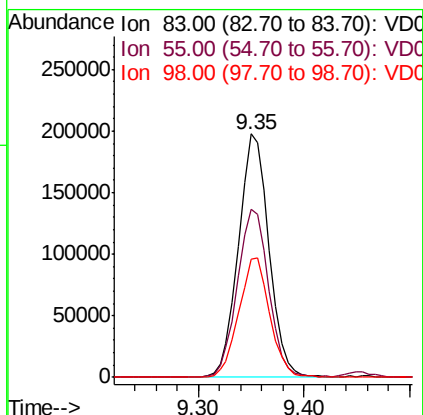
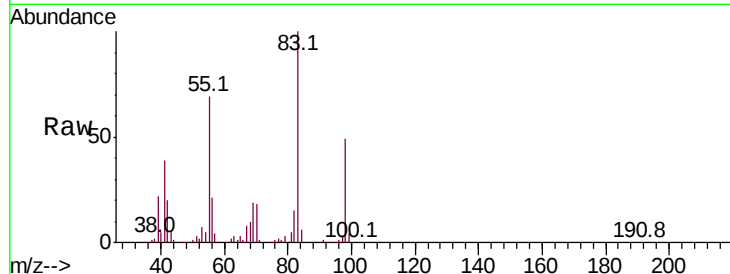




#39
Methvlcvclohexane
Concen: 51.986 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

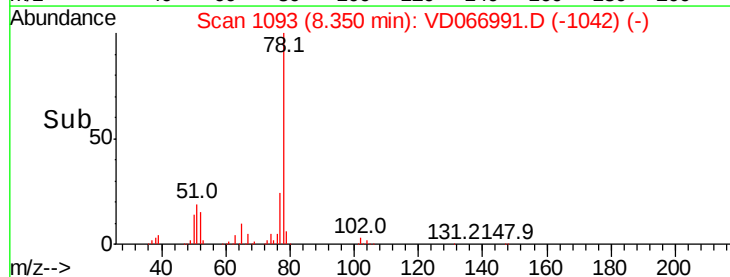
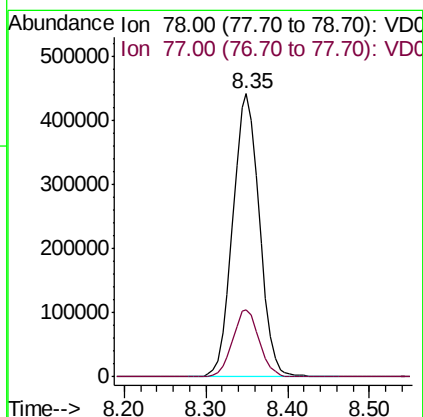
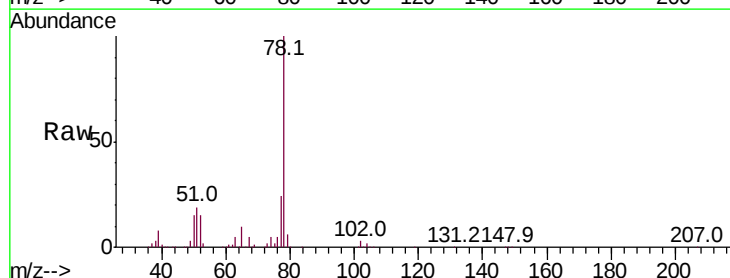
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

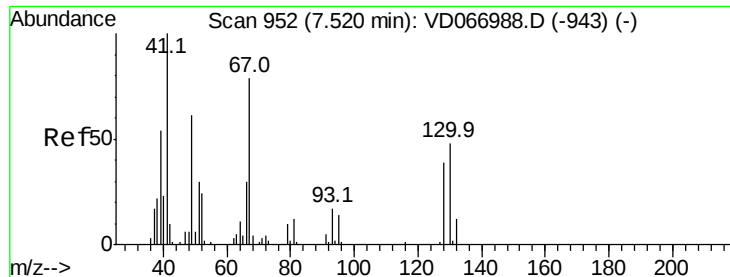
Tot Ion: 83 Resp: 396710
Ion Ratio Lower Upper
83 100
55 68.8 57.1 85.7
98 48.7 40.9 61.3



#40
Benzene
Concen: 49.943 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion: 78 Resp: 1001262
Ion Ratio Lower Upper
78 100
77 23.6 18.4 27.6

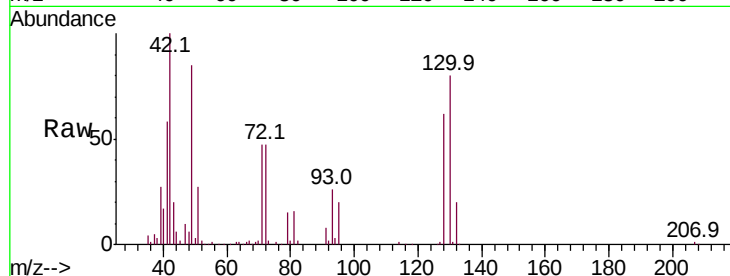




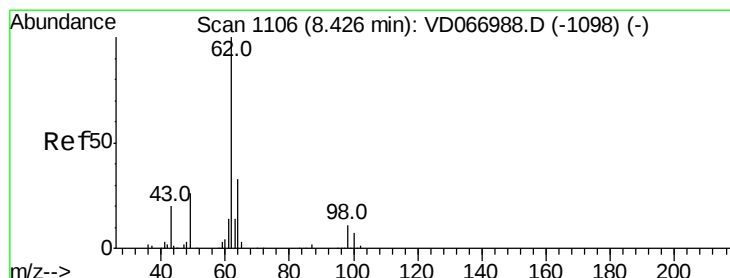
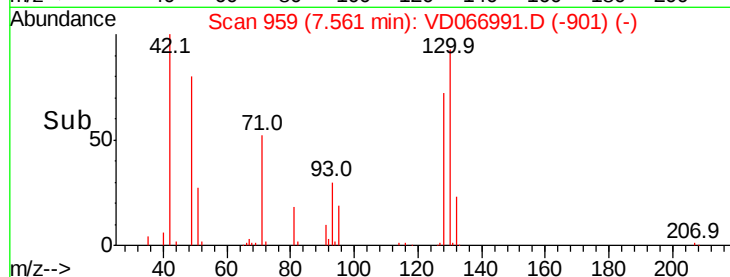
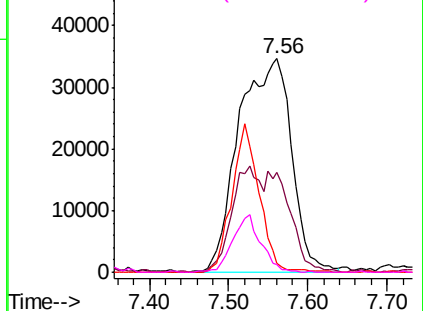
#41
Methacrylonitrile
Concen: 118.687 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion:	41	Resp:	160332
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

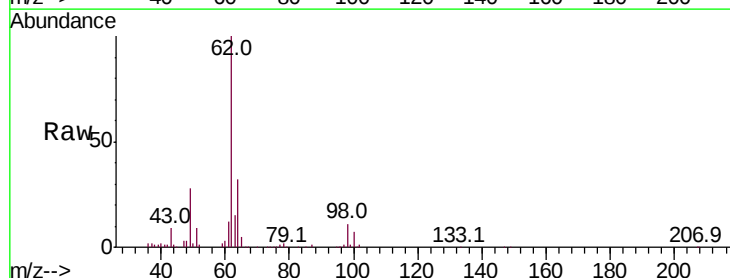


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

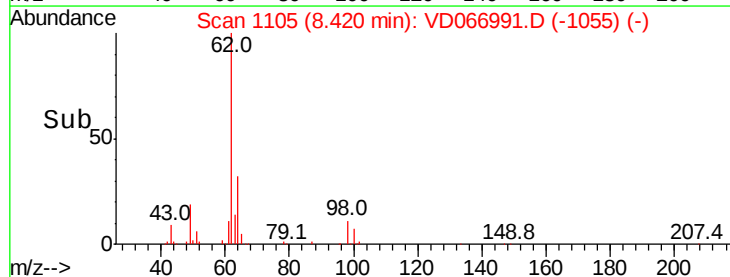
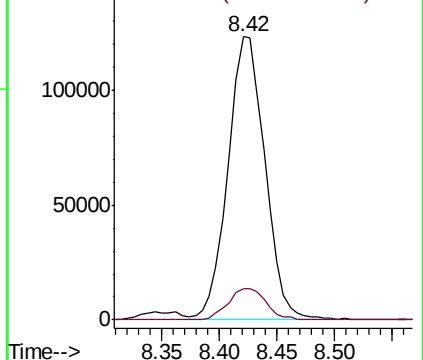


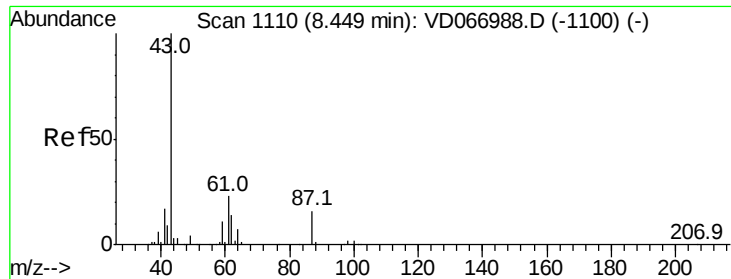
#42
1,2-Dichloroethane
Concen: 48.685 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion:	62	Resp:	272737
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.6



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





#43

Isopropyl Acetate

Concen: 51.134 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

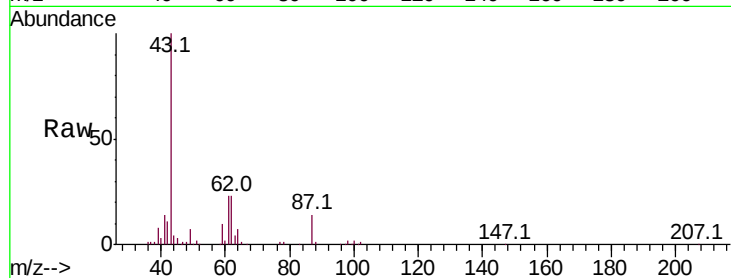
Tot Ion: 43 Resp: 235546

Ion Ratio Lower Upper

43 100

61 33.2 27.1 40.7

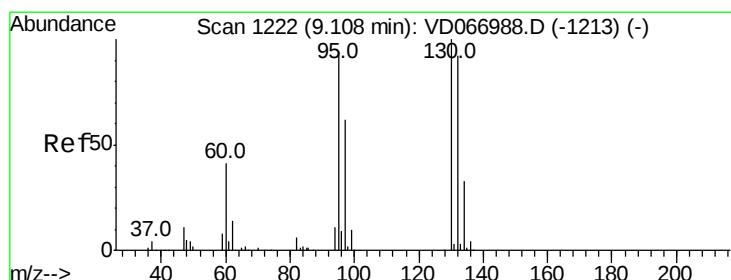
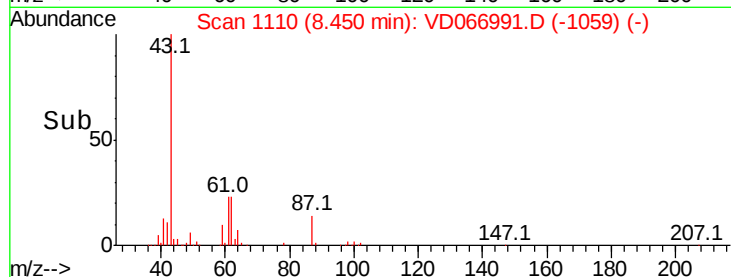
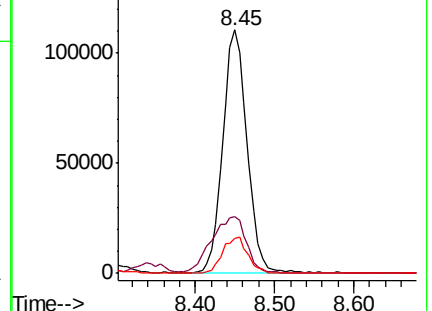
87 15.1 12.3 18.5



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: 48.901 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066991.D

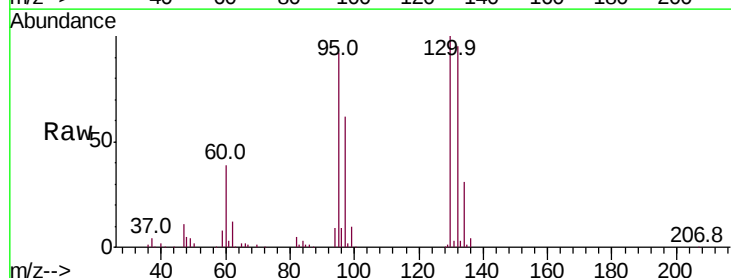
Acq: 01 Oct 2020 14:36

Tgt Ion:130 Resp: 292752

Ion Ratio Lower Upper

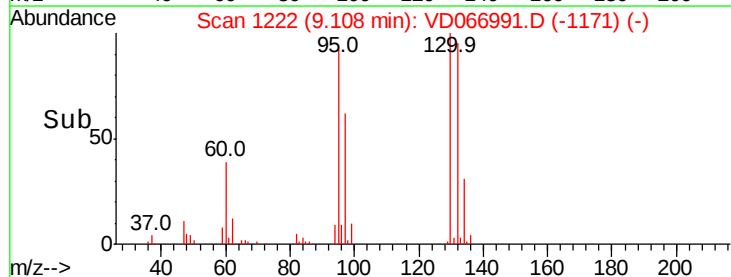
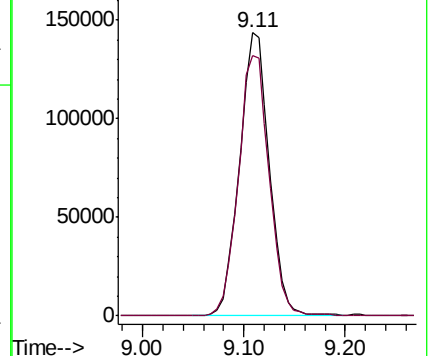
130 100

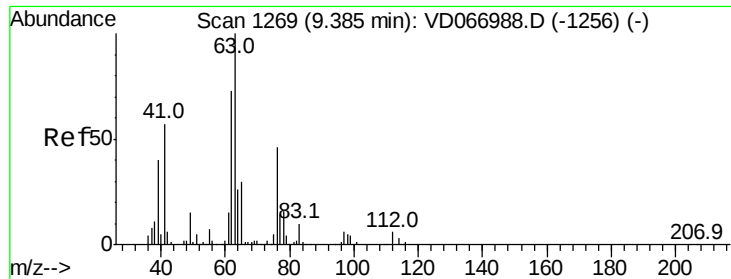
95 92.2 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 51.605 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

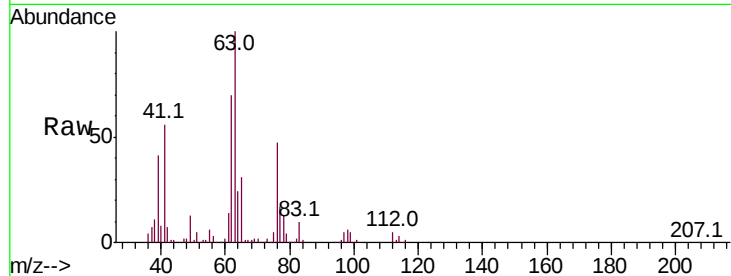
ICVVD100120

Tot Ion: 63 Resp: 243088

Ion Ratio Lower Upper

63 100

65 30.8 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

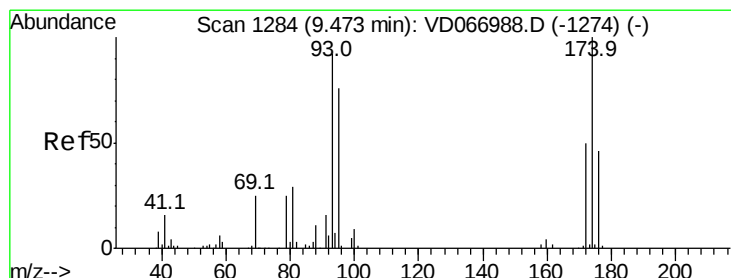
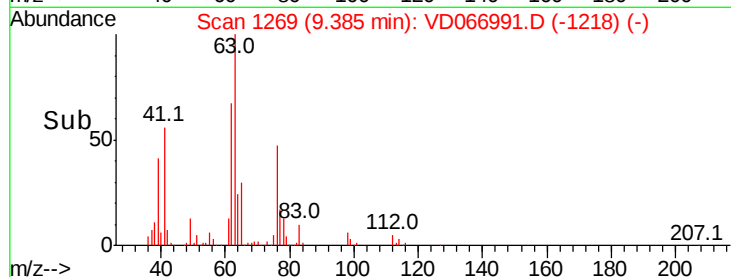
100000

50000

0

Time-->

9.30 9.40 9.50



#46

Dibromomethane

Concen: 50.369 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

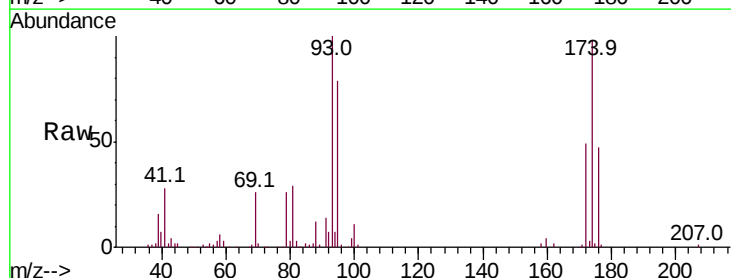
Tgt Ion: 93 Resp: 136368

Ion Ratio Lower Upper

93 100

95 81.6 64.7 97.1

174 100.8 81.4 122.2



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

80000

60000

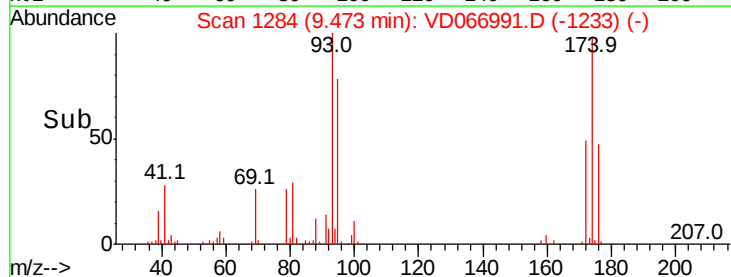
40000

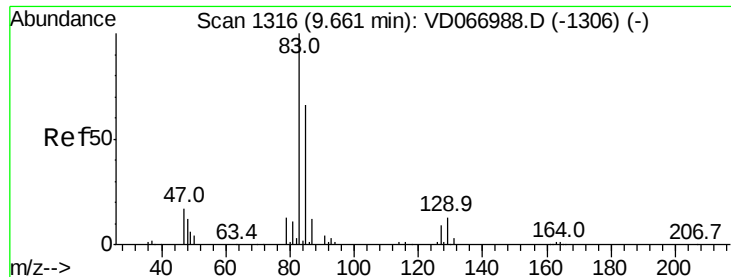
20000

0

Time-->

9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 49.480 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

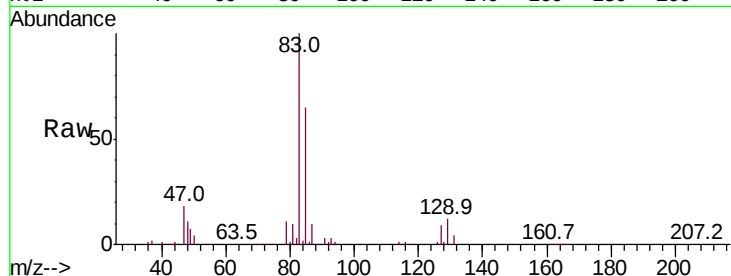
Tot Ion: 83 Resp: 348230

Ion Ratio Lower Upper

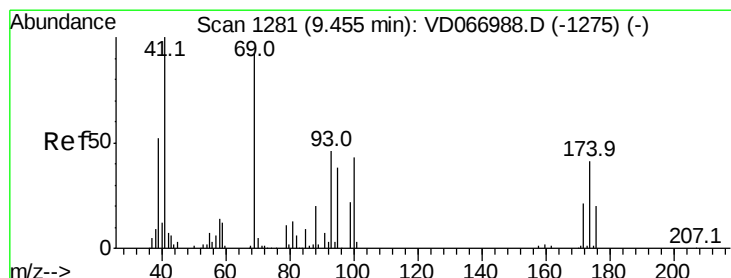
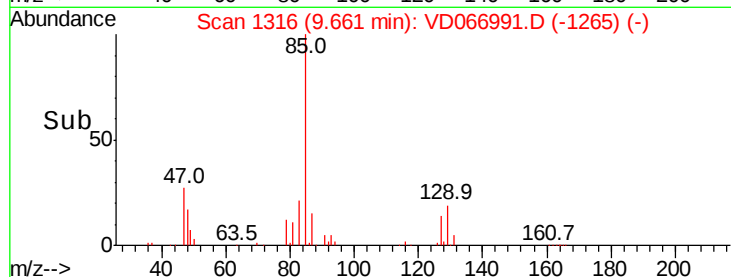
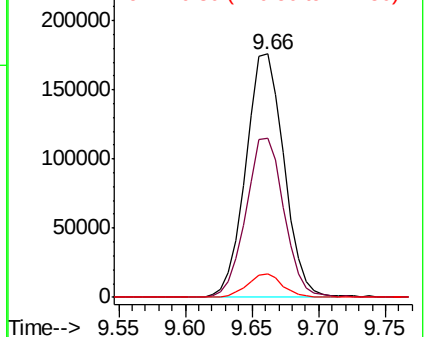
83 100

85 65.3 52.9 79.3

127 9.4 7.3 10.9



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: 48.199 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

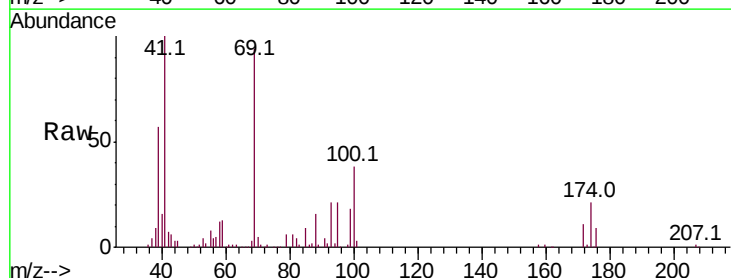
Tgt Ion: 41 Resp: 113748

Ion Ratio Lower Upper

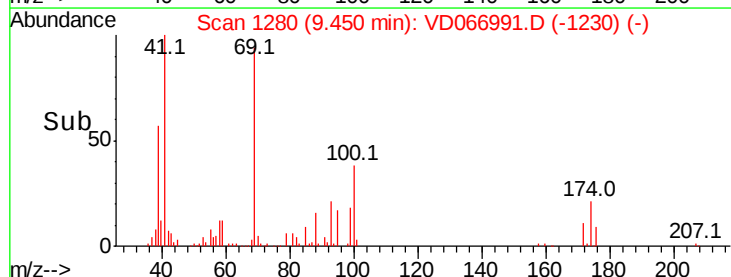
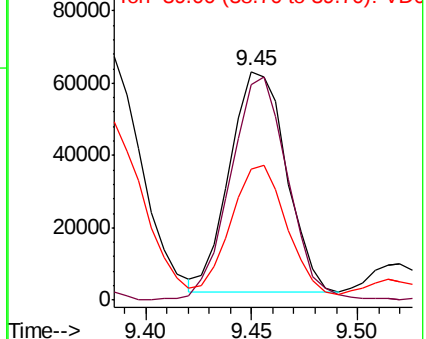
41 100

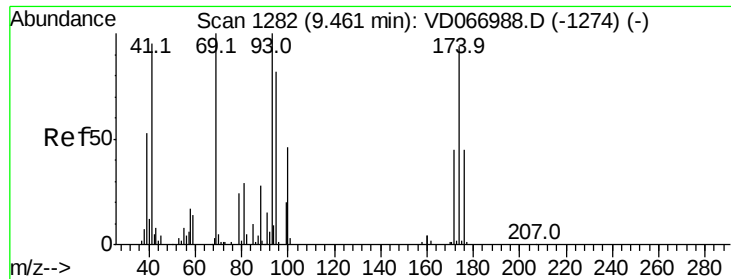
69 102.8 68.5 102.7#

39 56.9 40.2 60.2



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

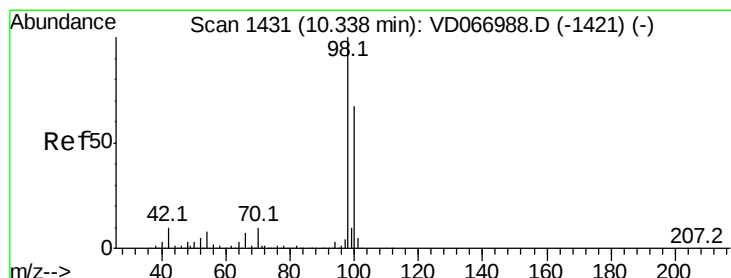
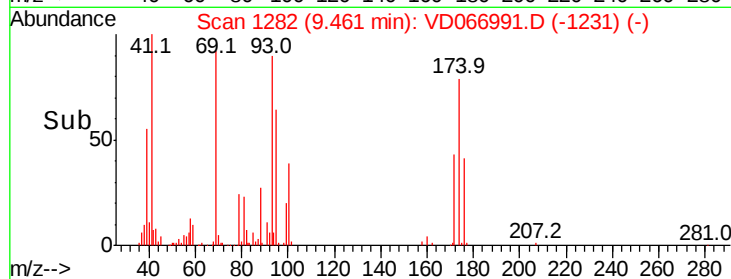
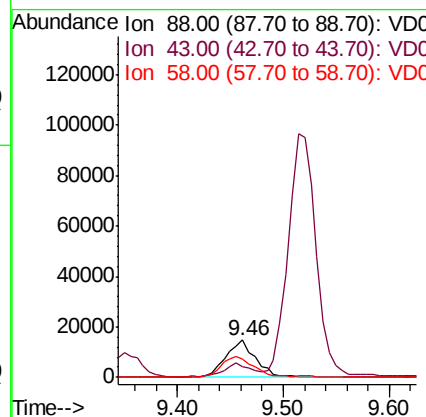
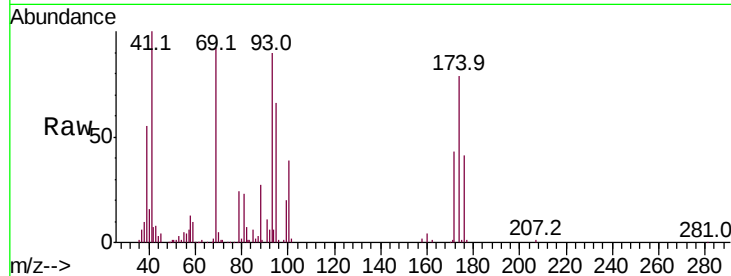




#49
1,4-Dioxane
Concen: 1032.854 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

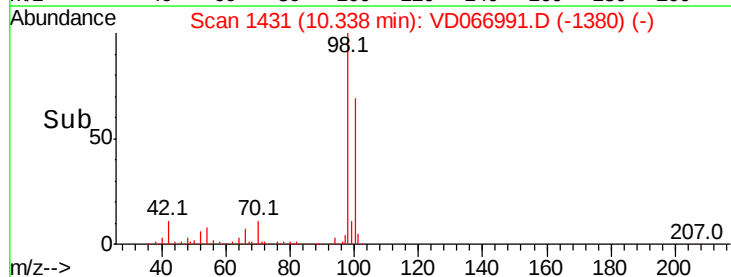
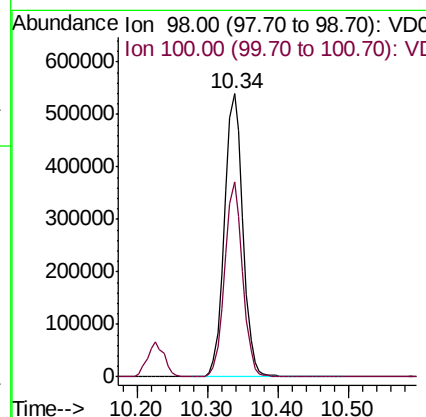
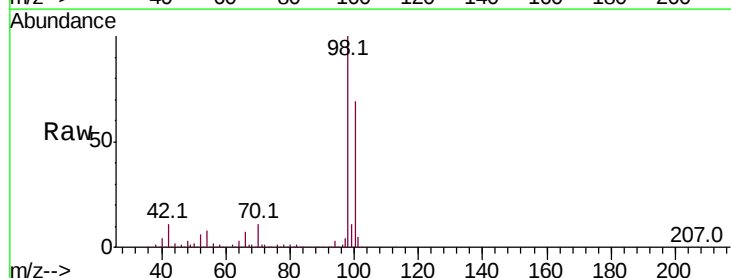
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

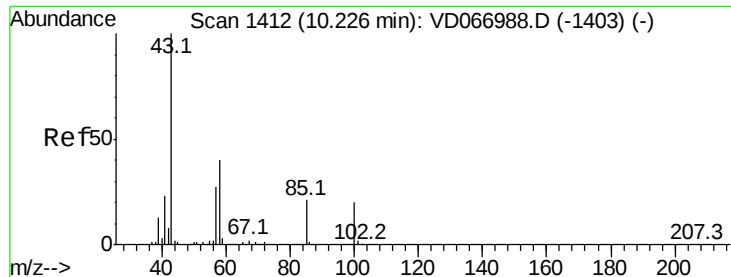
Tot Ion: 88 Resp: 29185
Ion Ratio Lower Upper
88 100
43 35.6 25.6 38.4
58 60.1 53.5 80.3



#50
Toluene-d8
Concen: 52.827 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion: 98 Resp: 975869
Ion Ratio Lower Upper
98 100
100 66.8 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 261.102 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

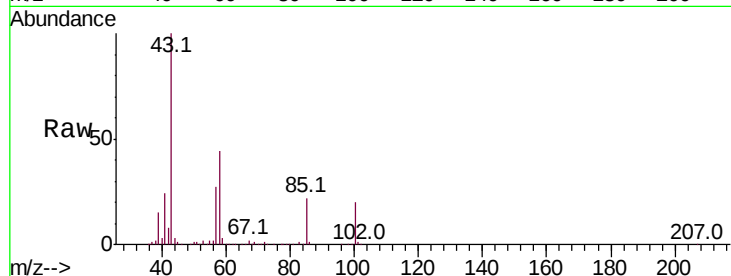
ICVVD100120

Tot Ion: 43 Resp: 599089

Ion Ratio Lower Upper

43 100

58 42.2 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

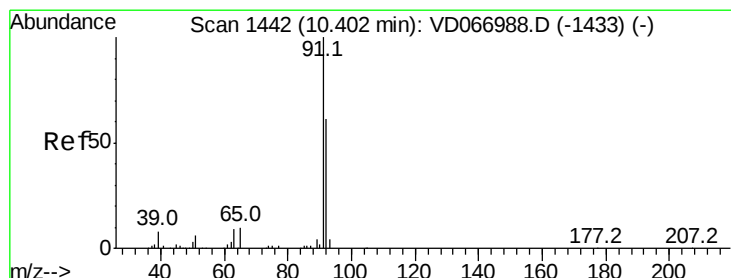
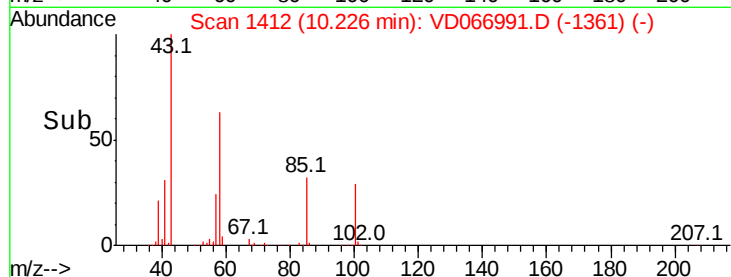
300000

200000

100000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 51.331 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066991.D

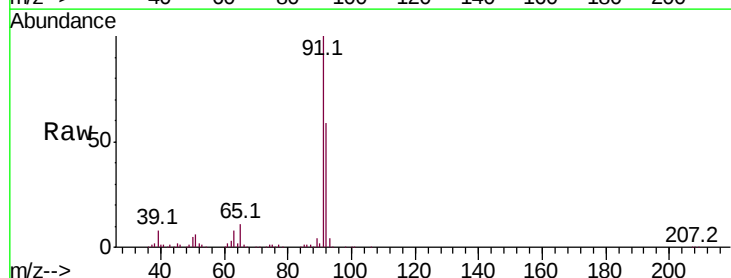
Acq: 01 Oct 2020 14:36

Tgt Ion: 92 Resp: 662911

Ion Ratio Lower Upper

92 100

91 168.6 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

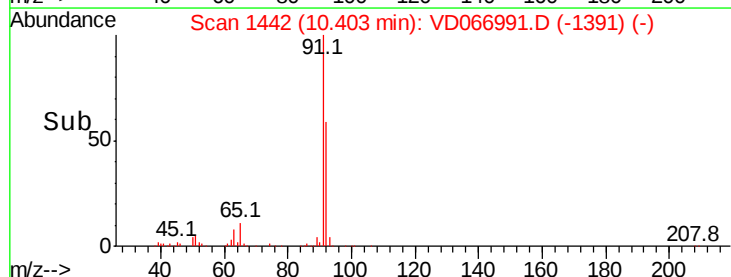
600000

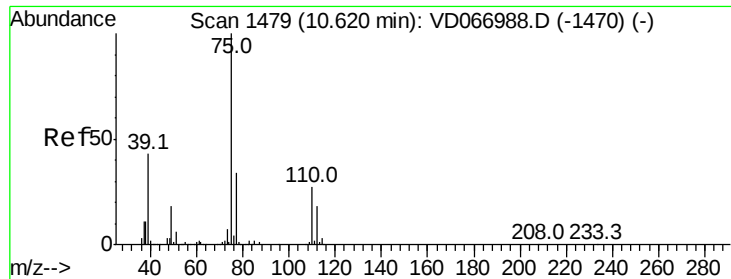
400000

200000

0

Time--> 10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 51.649 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

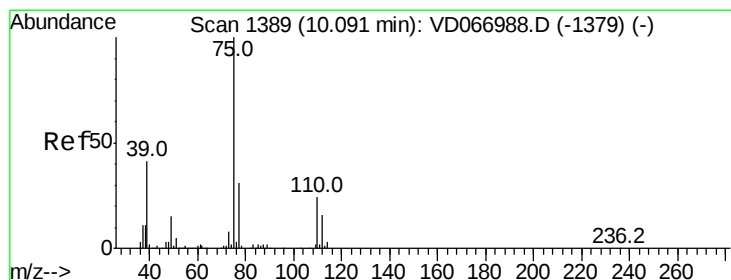
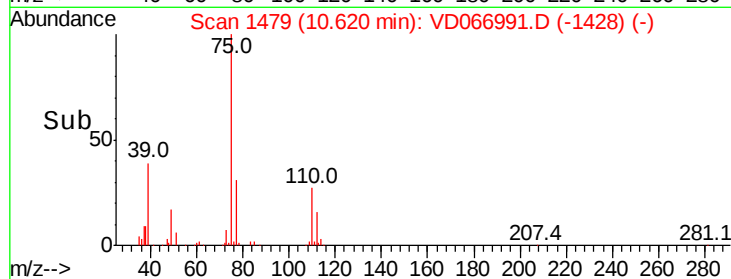
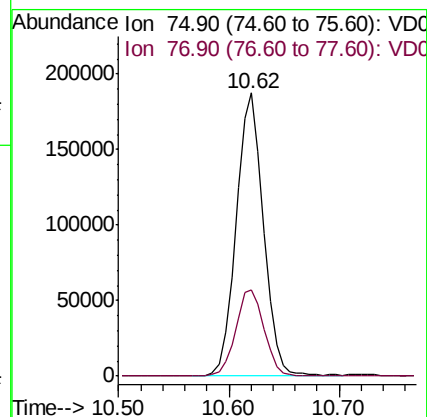
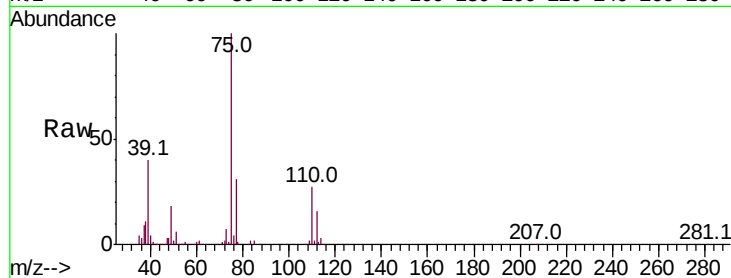
ICVVD100120

Tot Ion: 75 Resp: 324863

Ion Ratio Lower Upper

75 100

77 30.6 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 50.371 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

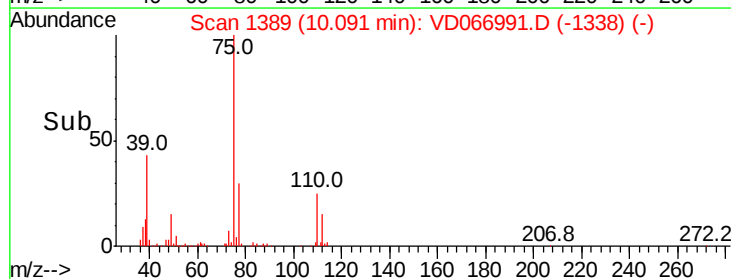
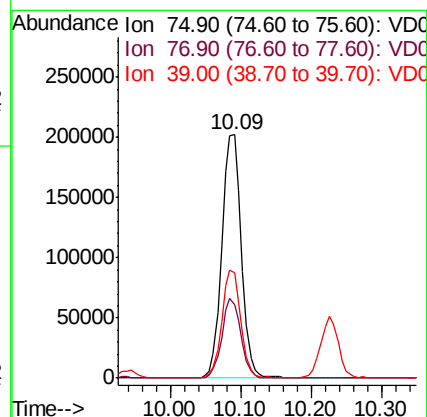
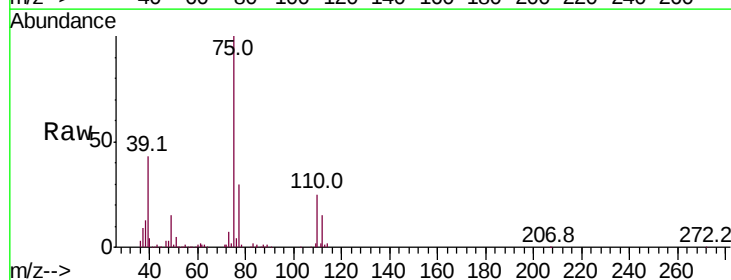
Tgt Ion: 75 Resp: 386884

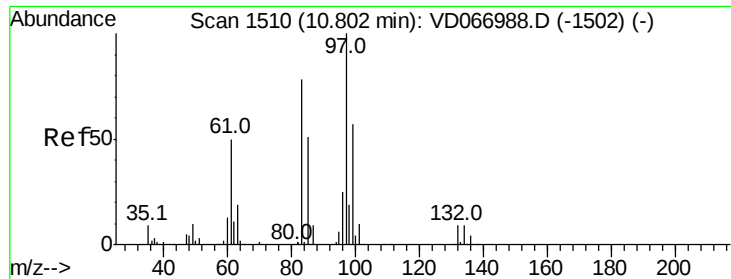
Ion Ratio Lower Upper

75 100

77 30.1 24.6 37.0

39 43.2 33.0 49.4

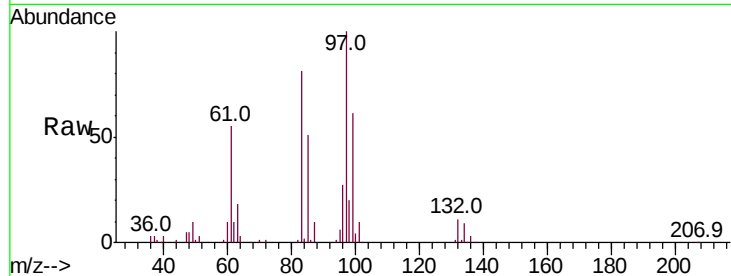




#55
 1,1,2-Trichloroethane
 Concen: 49.349 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

Tot Ion:	97	Resp:	185755
Ion	Ratio	Lower	Upper
97	100		
83	81.5	62.4	93.6
85	51.4	41.0	61.4
99	60.9	45.9	68.9



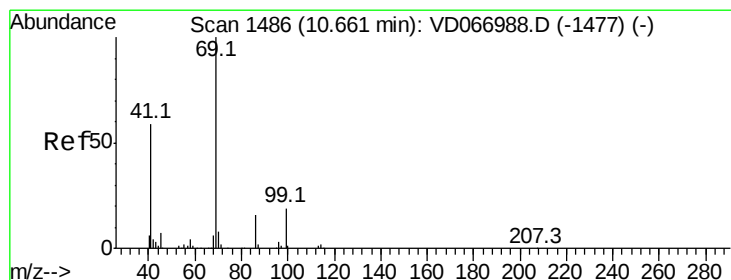
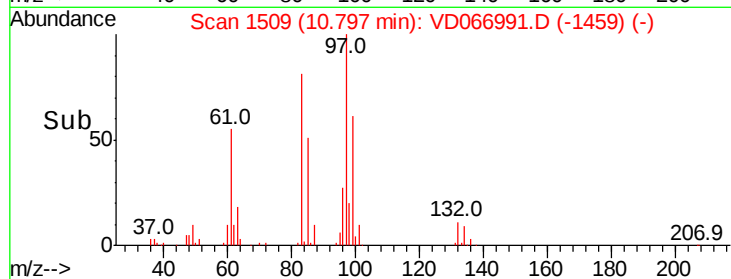
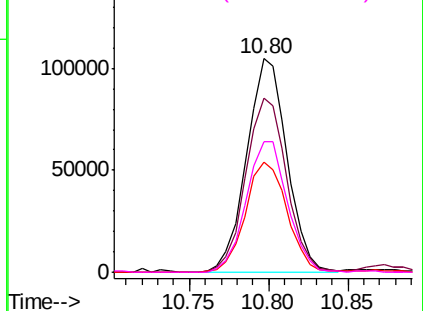
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

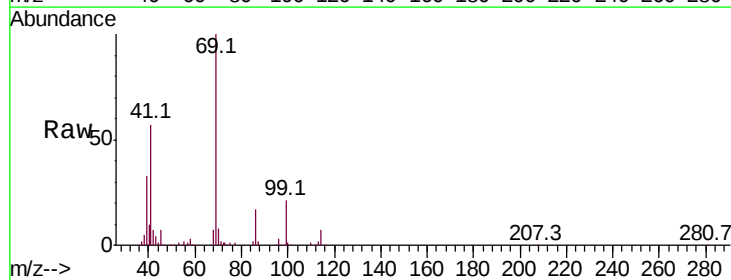
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 56.163 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion:	69	Resp:	218260
Ion	Ratio	Lower	Upper
69	100		
41	59.8	46.4	69.6
39	29.8	23.8	35.6

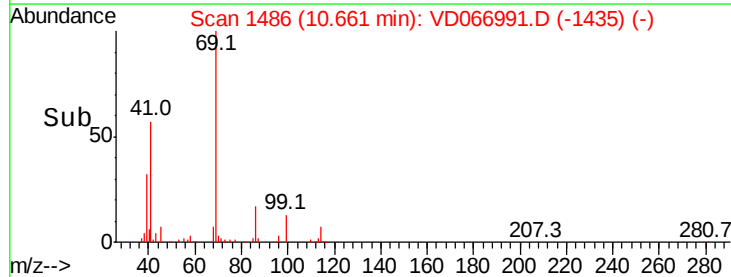
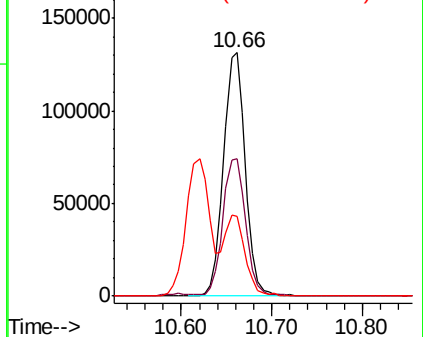


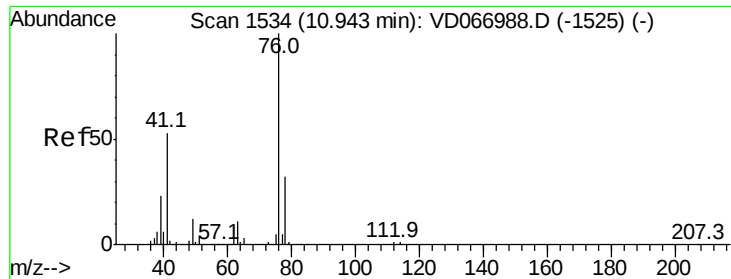
Abundance

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: 50.614 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

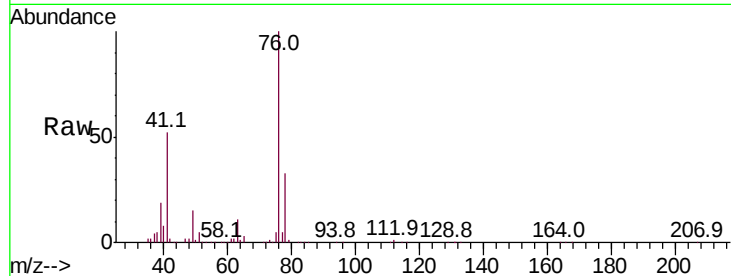
ICVVD100120

Tot Ion: 76 Resp: 308945

Ion Ratio Lower Upper

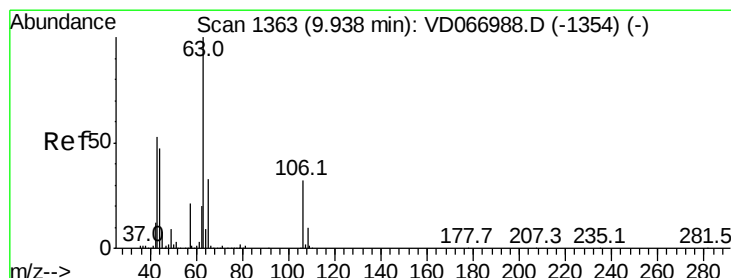
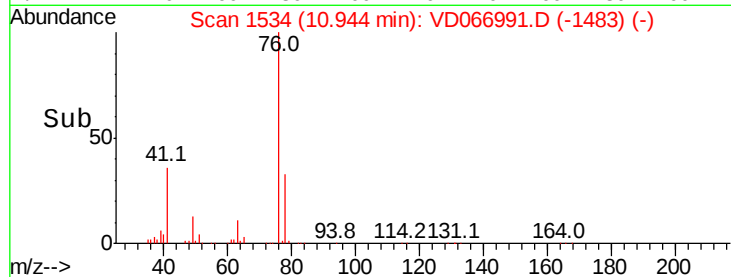
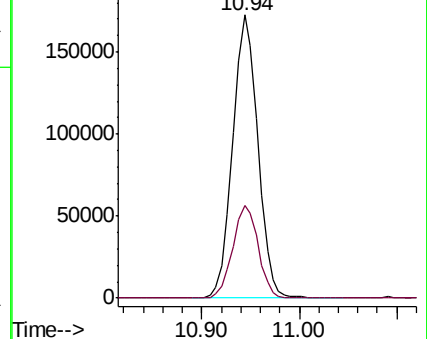
76 100

78 33.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 265.980 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066991.D

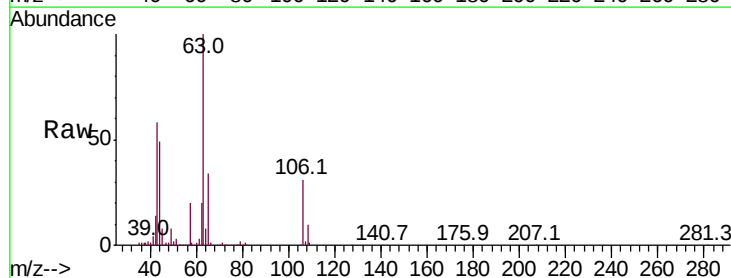
Acq: 01 Oct 2020 14:36

Tgt Ion: 63 Resp: 575316

Ion Ratio Lower Upper

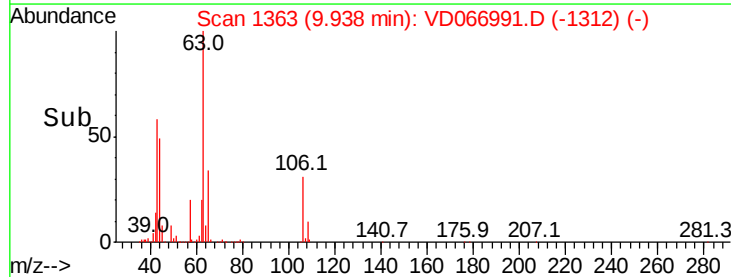
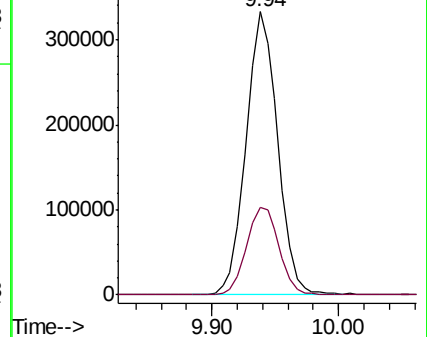
63 100

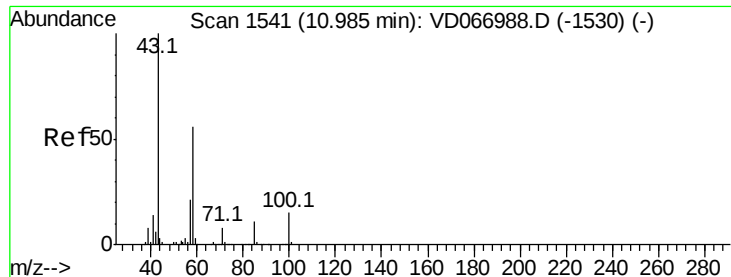
106 31.9 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

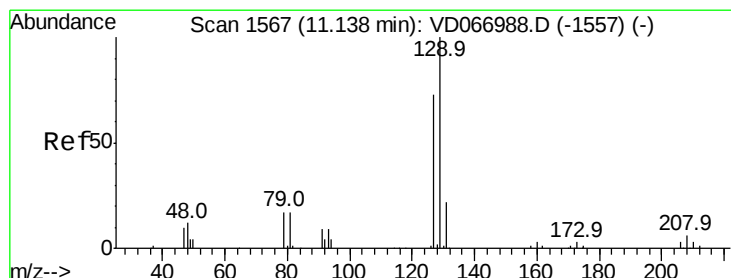
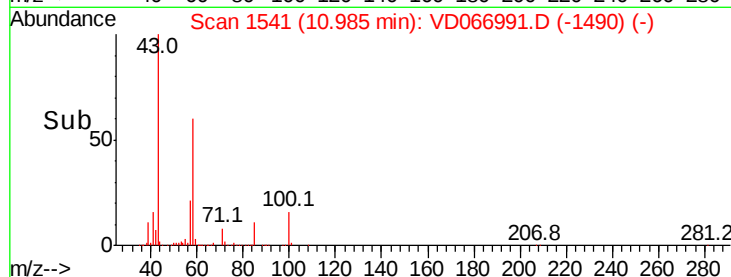
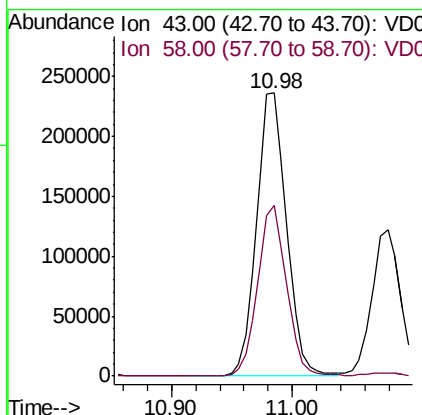
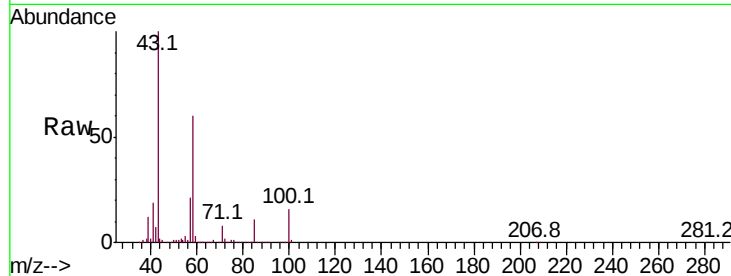




#59
2-Hexanone
Concen: 266.518 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

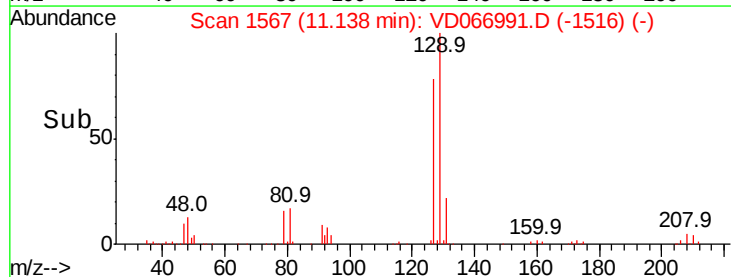
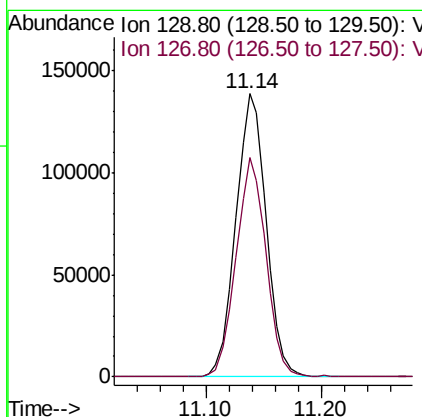
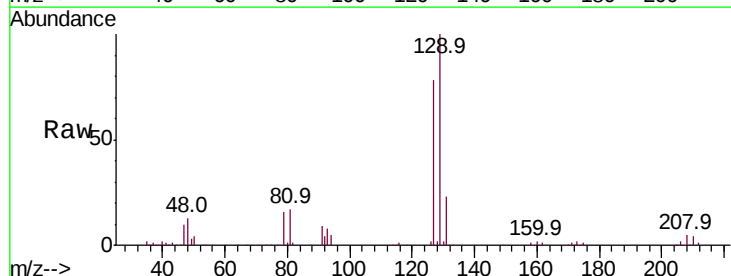
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

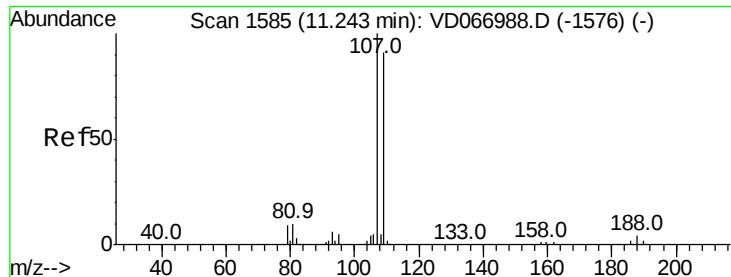
Tot Ion: 43 Resp: 408150
Ion Ratio Lower Upper
43 100
58 58.0 28.3 84.9



#60
Dibromochloromethane
Concen: 50.294 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion:129 Resp: 252321
Ion Ratio Lower Upper
129 100
127 76.8 37.4 112.1

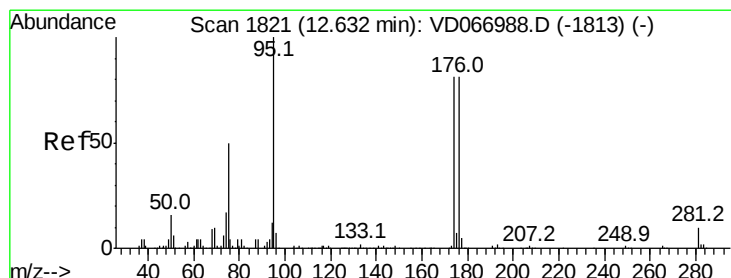
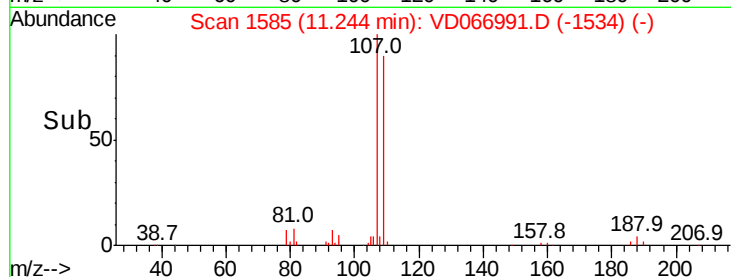
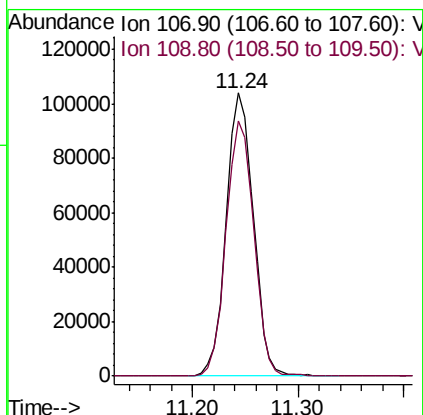
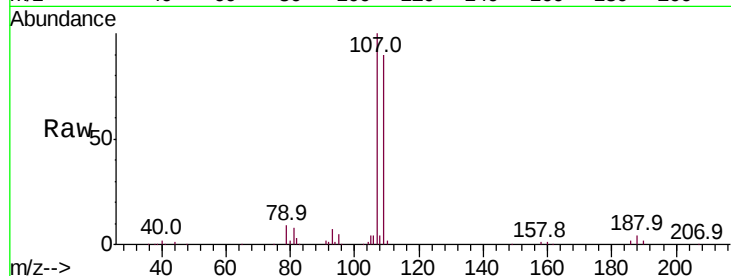




#61
 1,2-Dibromoethane
 Concen: 51.042 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

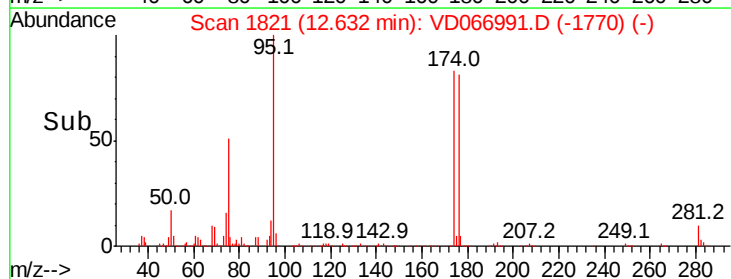
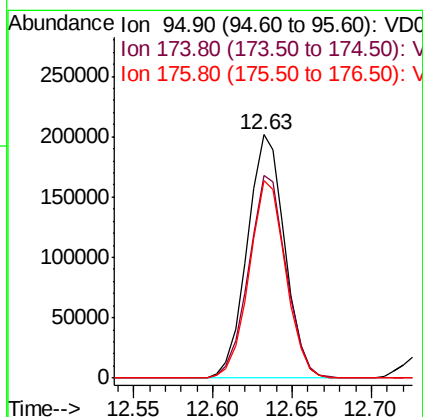
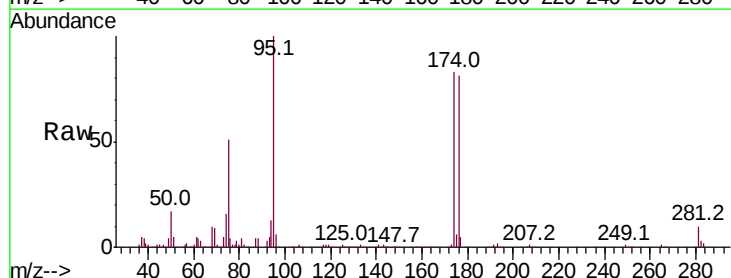
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

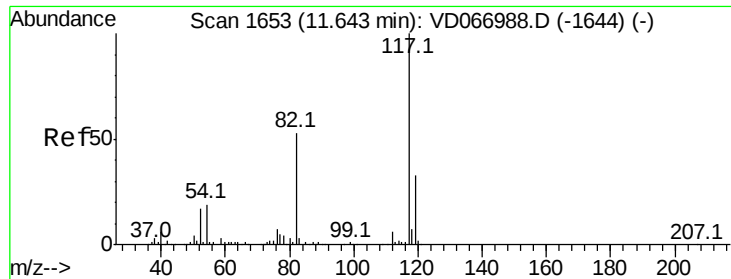
Tot Ion:107 Resp: 184581
 Ion Ratio Lower Upper
 107 100
 109 92.4 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 52.773 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion: 95 Resp: 330947
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 167.6
 176 79.2 0.0 162.4

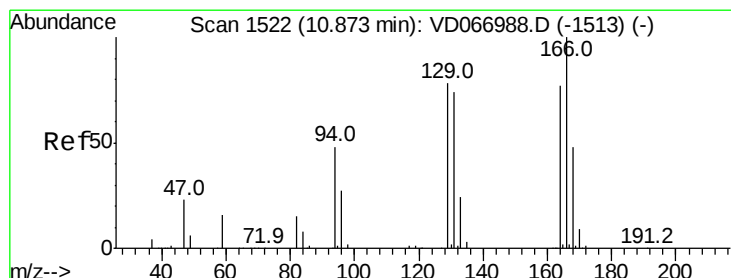
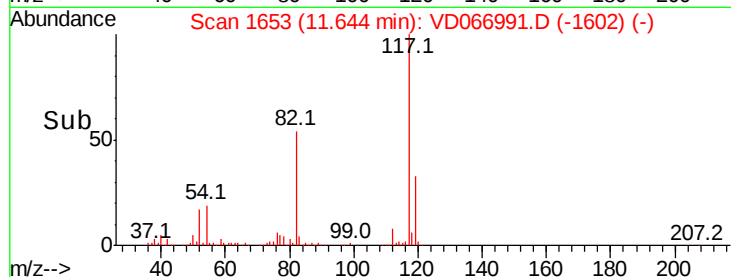
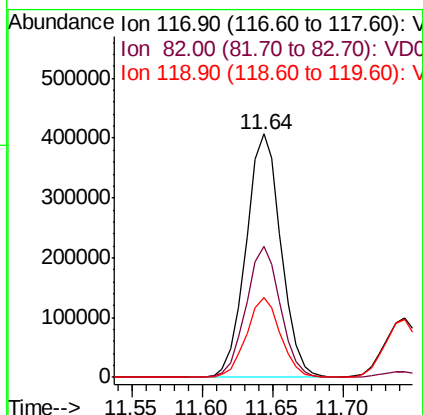
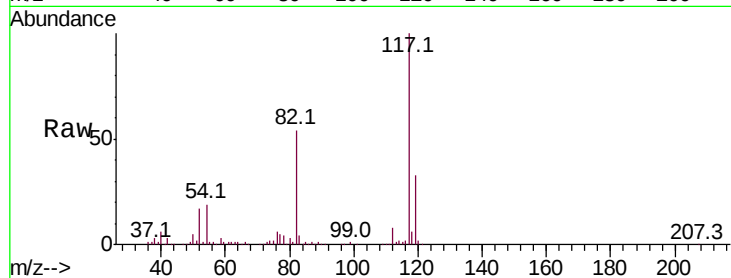




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

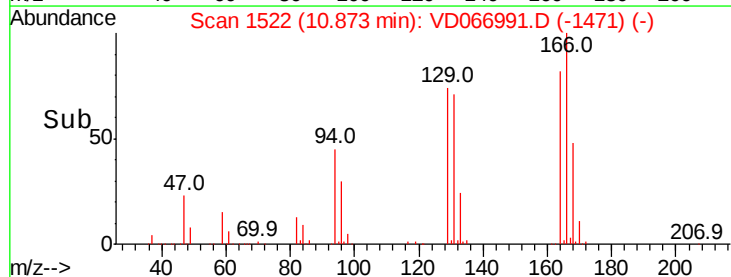
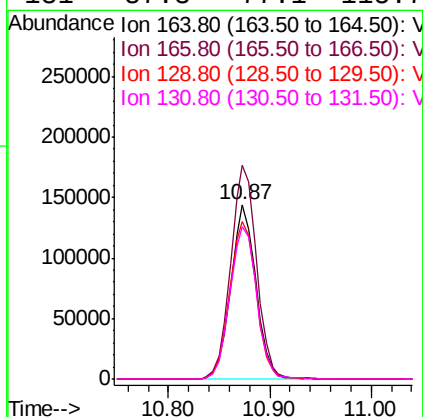
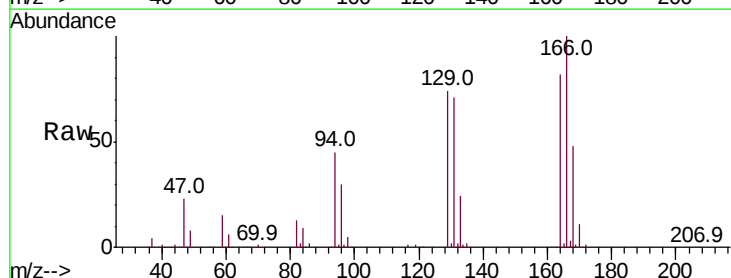
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

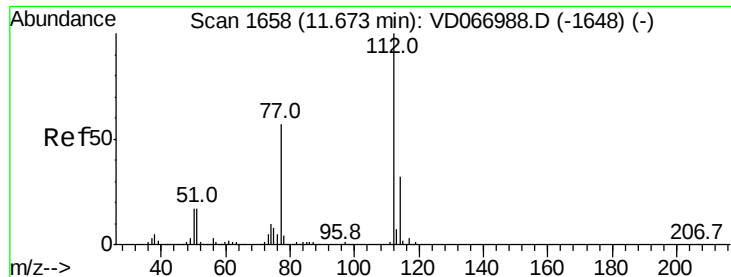
Tot Ion:117 Resp: 707729
Ion Ratio Lower Upper
117 100
82 53.8 42.6 63.8
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 47.925 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion:164 Resp: 246582
Ion Ratio Lower Upper
164 100
166 122.5 104.4 156.6
129 90.5 81.3 121.9
131 87.3 77.1 115.7





#65

Chlorobenzene

Concen: 49.680 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

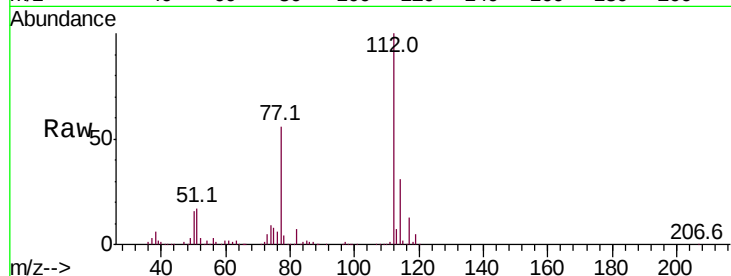
ICVVD100120

Tot Ion:112 Resp: 699283

Ion Ratio Lower Upper

112 100

114 31.1 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

400000

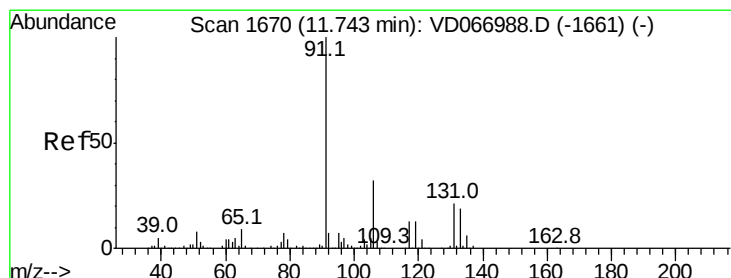
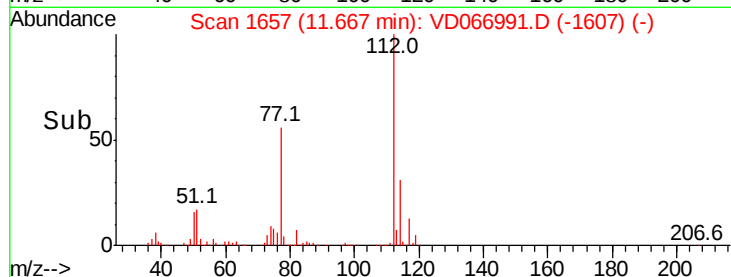
300000

200000

100000

0

Time--> 11.60 11.70 11.80



#66

1,1,1,2-Tetrachloroethane

Concen: 49.815 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

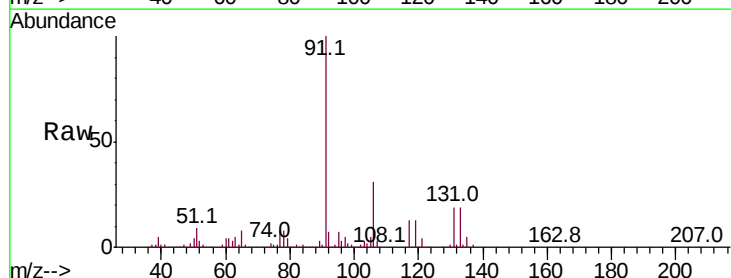
Tgt Ion:131 Resp: 266724

Ion Ratio Lower Upper

131 100

133 93.7 47.8 143.3

119 64.3 32.3 96.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

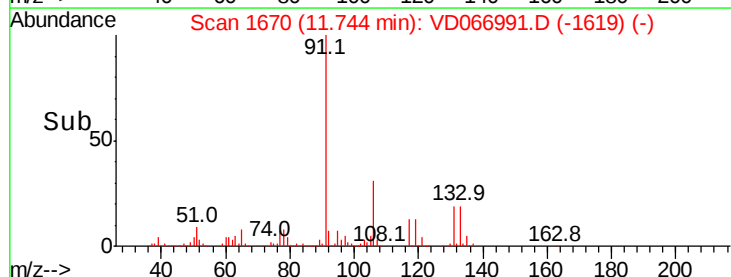
150000

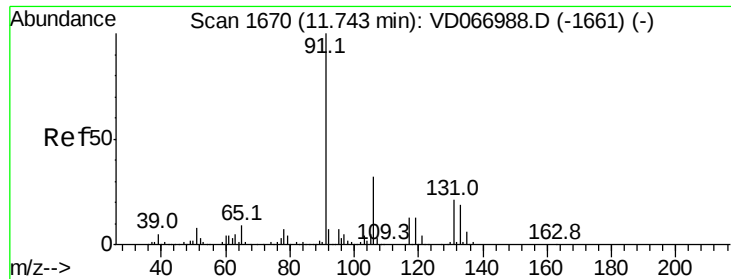
100000

50000

0

Time--> 11.70 11.80





#67

Ethyl Benzene

Concen: 51.853 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

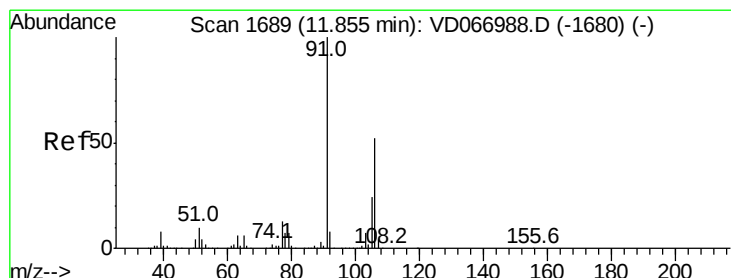
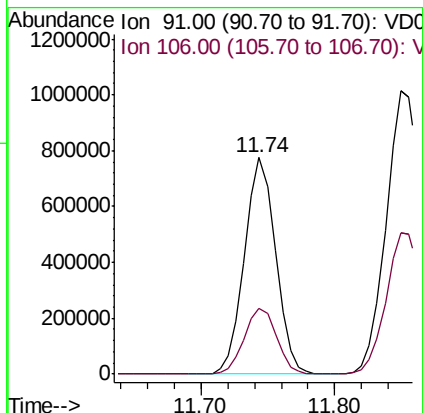
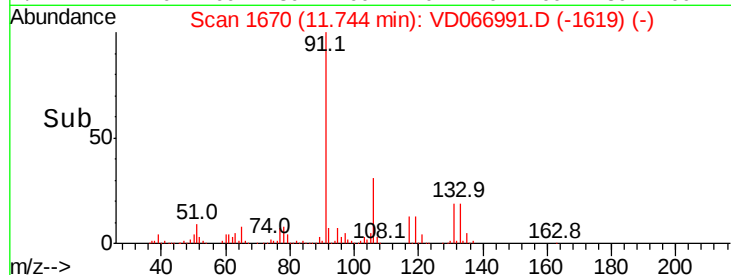
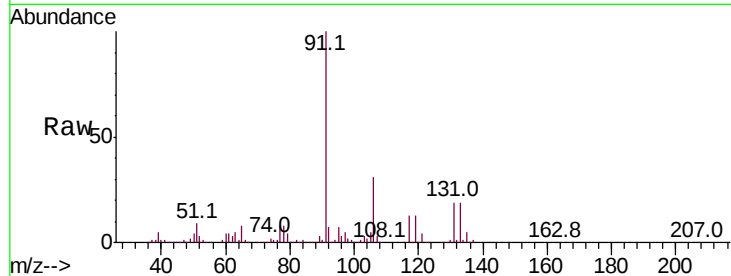
ICVVD100120

Tot Ion: 91 Resp: 1250571

Ion Ratio Lower Upper

91 100

106 30.7 25.4 38.2



#68

m/p-Xylenes

Concen: 103.762 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD066991.D

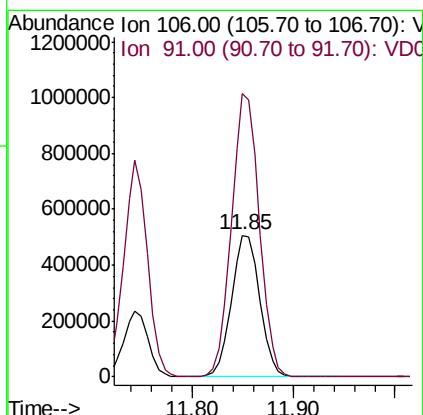
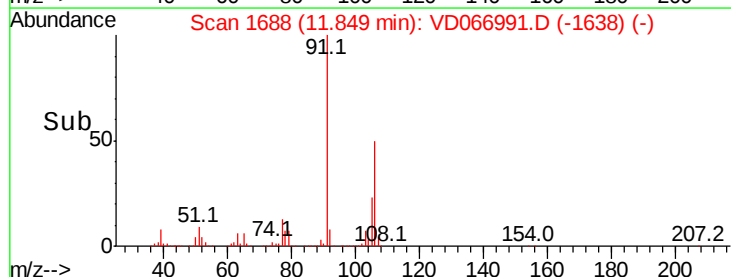
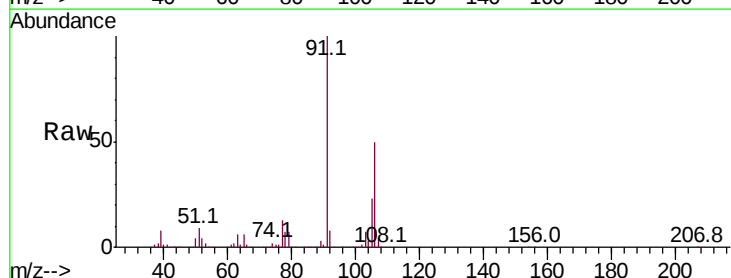
Acq: 01 Oct 2020 14:36

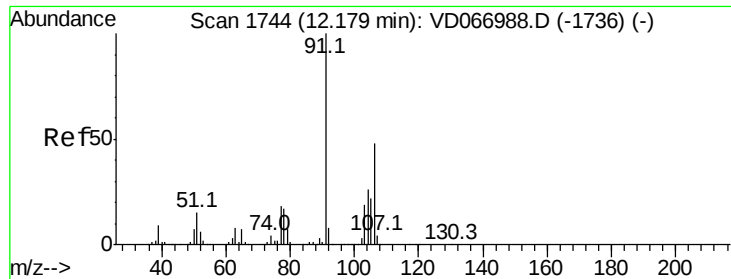
Tgt Ion: 106 Resp: 975254

Ion Ratio Lower Upper

106 100

91 196.8 158.4 237.6

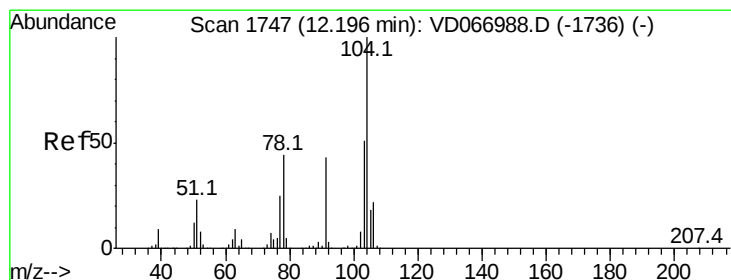
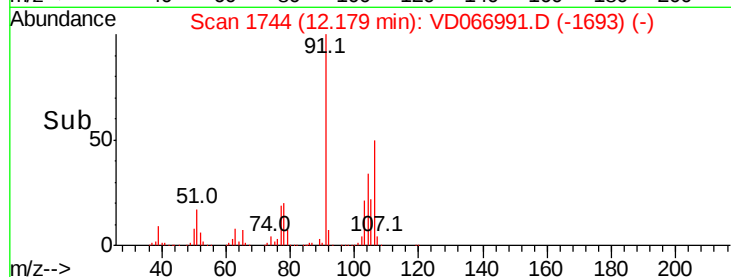
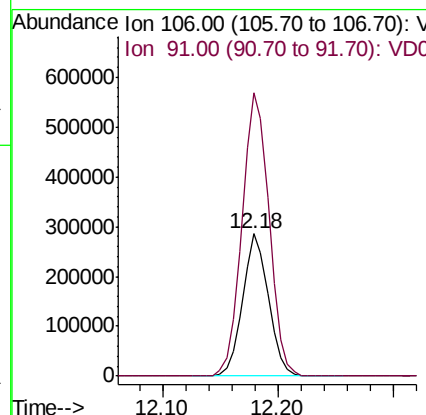
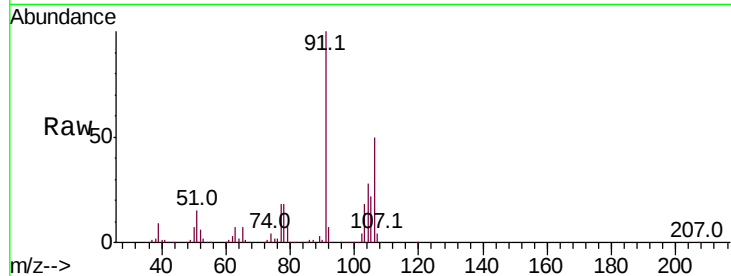




#69
o-Xylene
Concen: 52.546 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

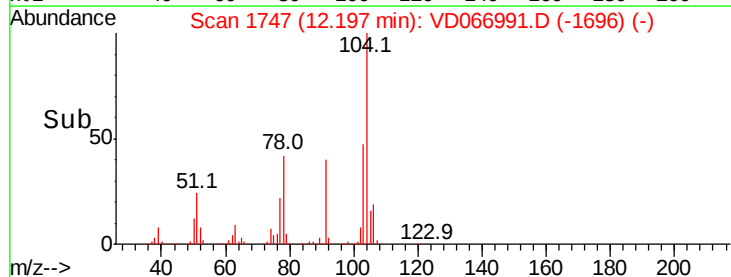
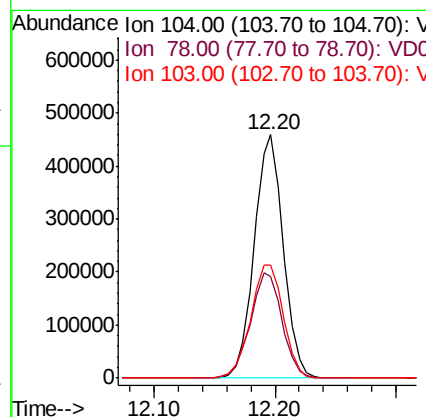
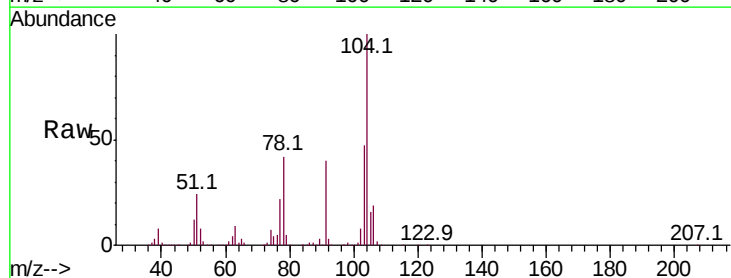
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

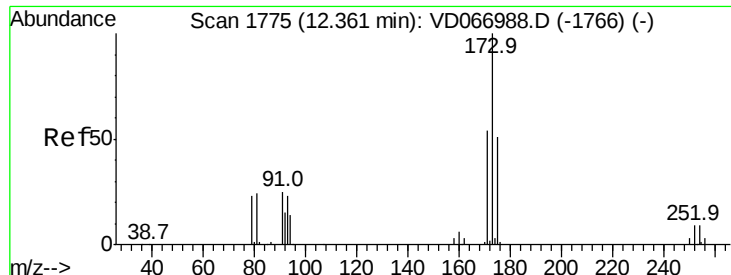
Tot Ion:106 Resp: 441651
Ion Ratio Lower Upper
106 100
91 208.8 102.4 307.2



#70
Styrene
Concen: 53.127 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion:104 Resp: 766764
Ion Ratio Lower Upper
104 100
78 47.3 38.6 58.0
103 52.3 43.4 65.0





#71

Bromoform

Concen: 49.224 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

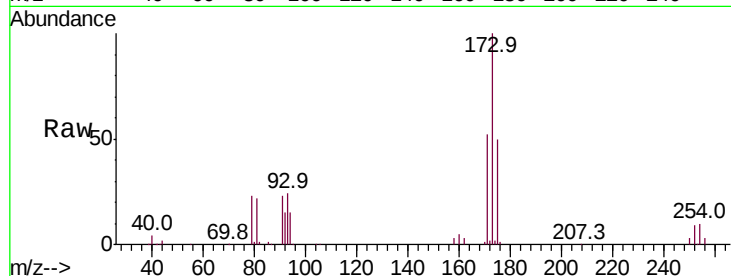
Tot Ion:173 Resp: 136808

Ion Ratio Lower Upper

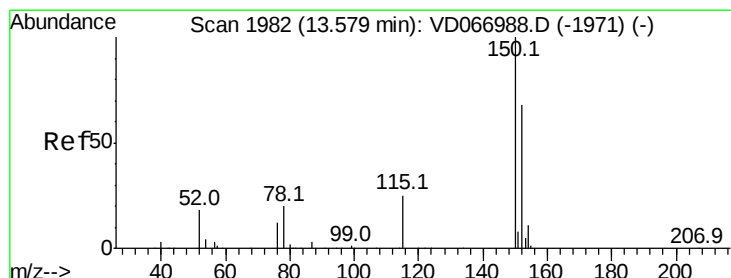
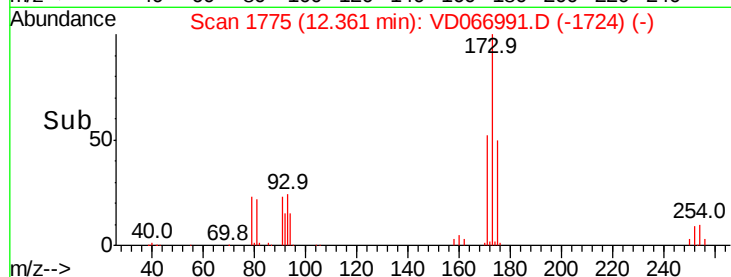
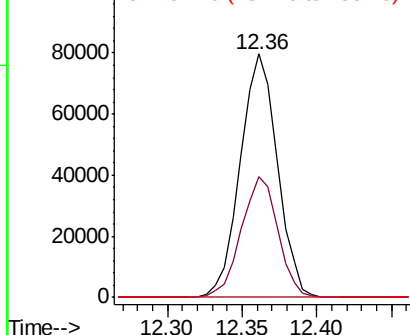
173 100

175 49.2 24.9 74.7

254 0.0 0.2 0.4#



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: VD066991.D

Acq: 01 Oct 2020 14:36

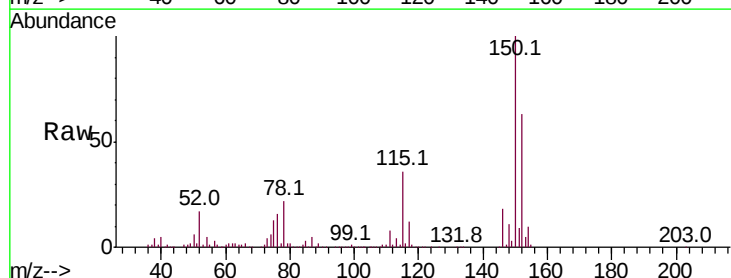
Tgt Ion:152 Resp: 335950

Ion Ratio Lower Upper

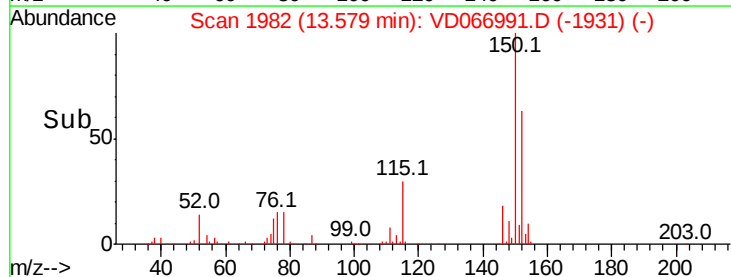
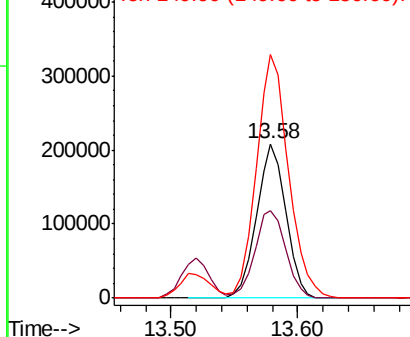
152 100

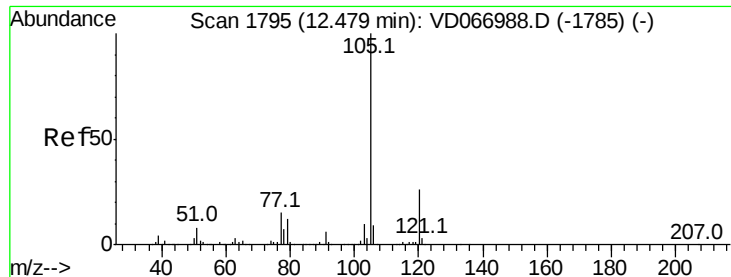
115 60.3 29.6 88.8

150 172.3 0.0 344.8



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: 52.750 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

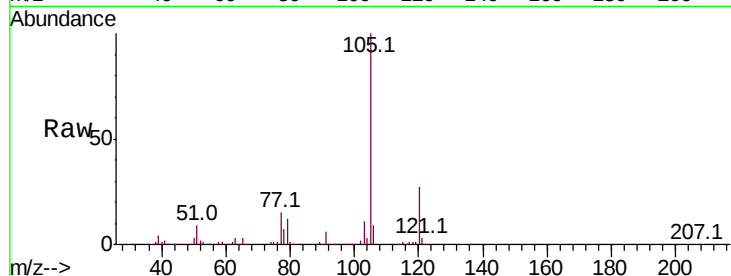
ICVVD100120

Tot Ion:105 Resp: 1203309

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

800000

600000

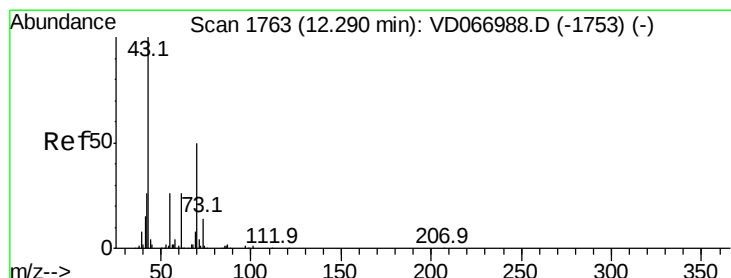
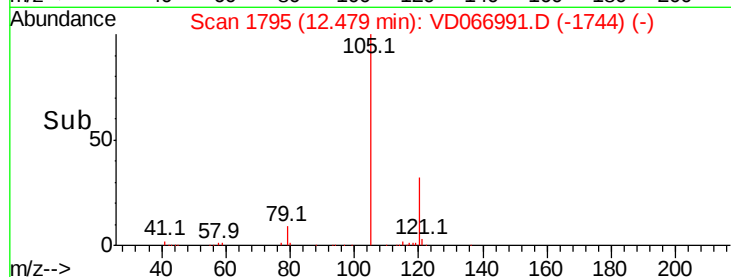
400000

200000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 53.549 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Tgt Ion: 43 Resp: 219589

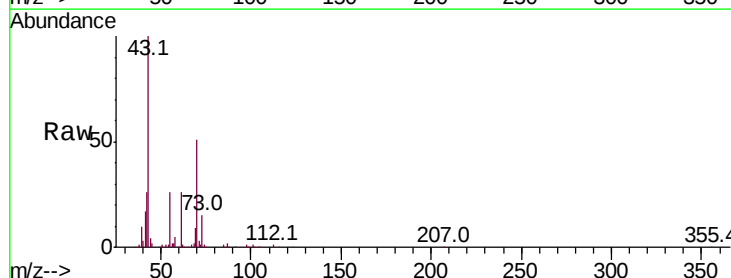
Ion Ratio Lower Upper

43 100

70 48.4 38.2 57.2

55 28.0 22.4 33.6

61 25.7 20.6 31.0



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

200000

150000

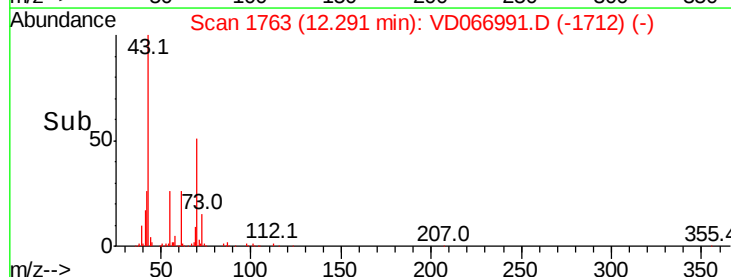
100000

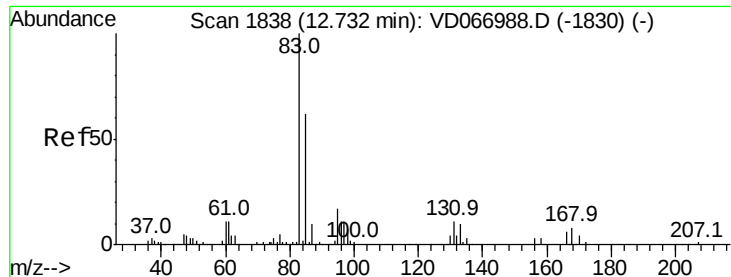
50000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 48.703 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampled :

ICVVD100120

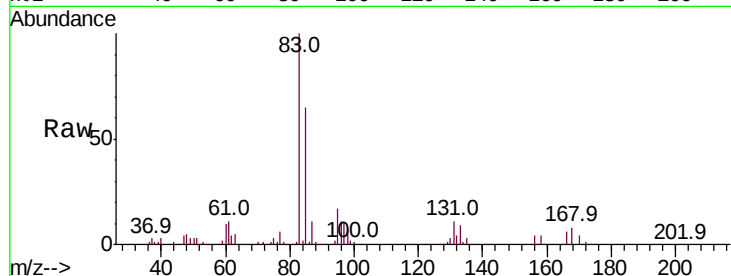
Tot Ion: 83 Resp: 187184

Ion Ratio Lower Upper

83 100

131 12.0 5.7 17.0

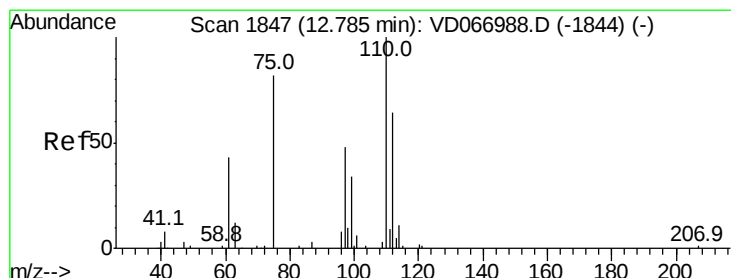
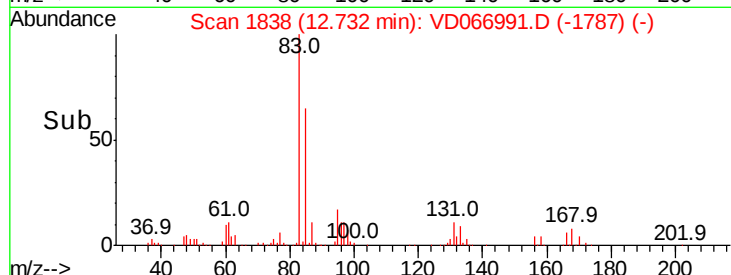
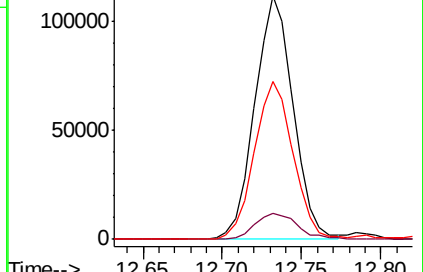
85 65.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 86.061 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066991.D

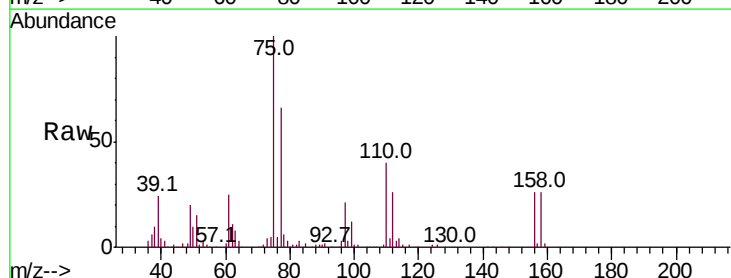
Acq: 01 Oct 2020 14:36

Tgt Ion: 75 Resp: 251836

Ion Ratio Lower Upper

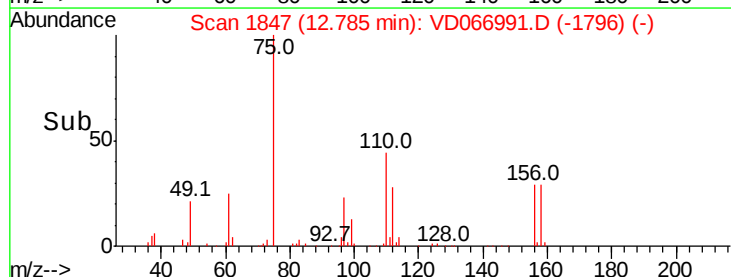
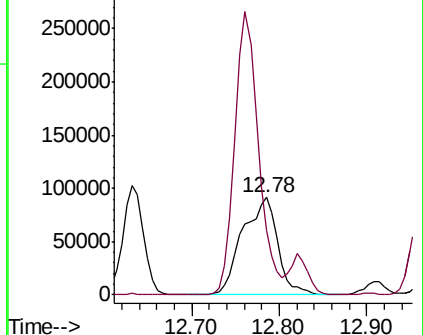
75 100

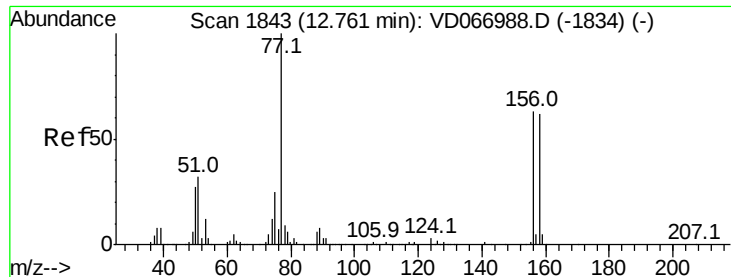
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.168 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

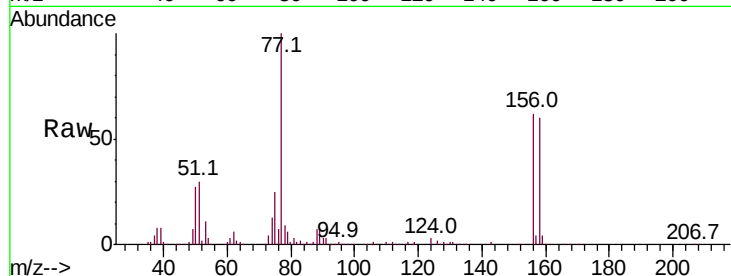
Tot Ion:156 Resp: 281839

Ion Ratio Lower Upper

156 100

77 173.0 86.3 258.8

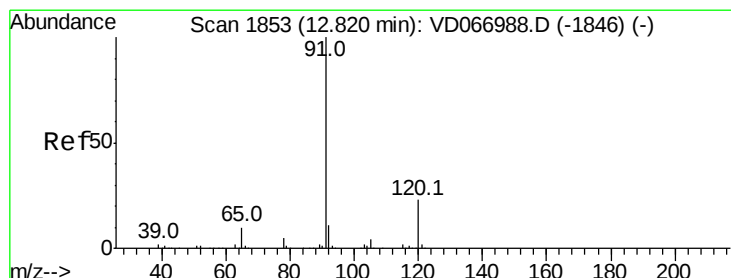
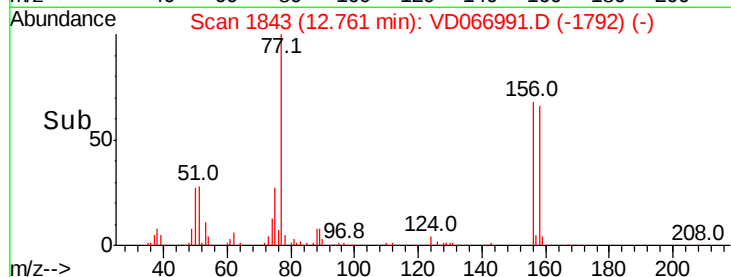
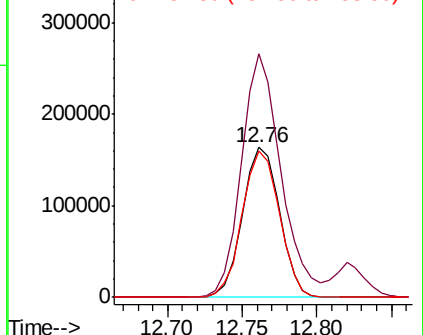
158 98.0 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.143 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066991.D

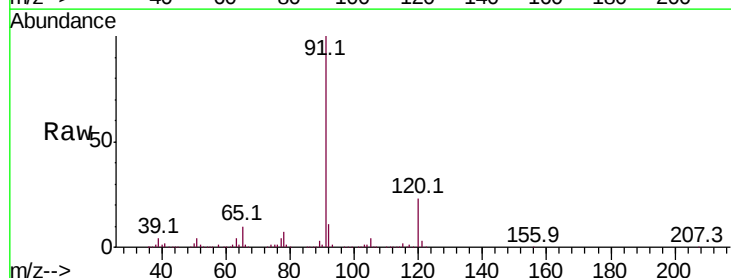
Acq: 01 Oct 2020 14:36

Tgt Ion: 91 Resp: 1405739

Ion Ratio Lower Upper

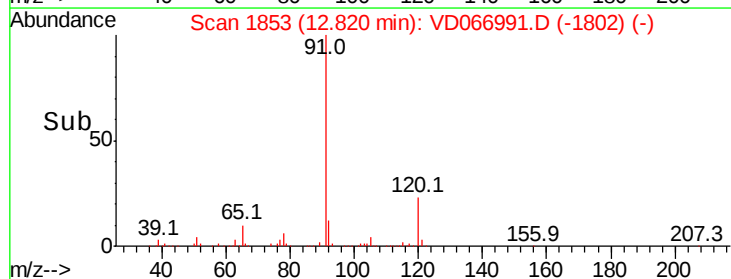
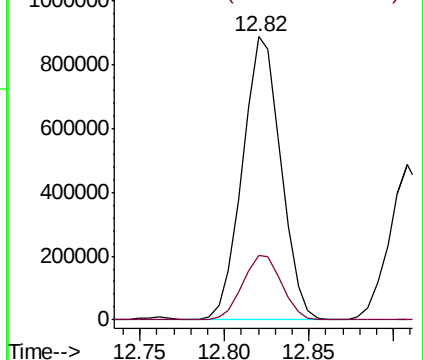
91 100

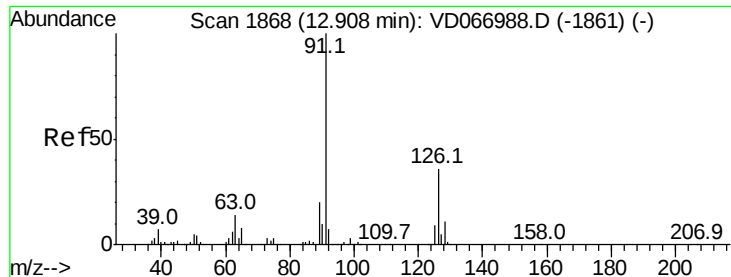
120 23.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.553 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

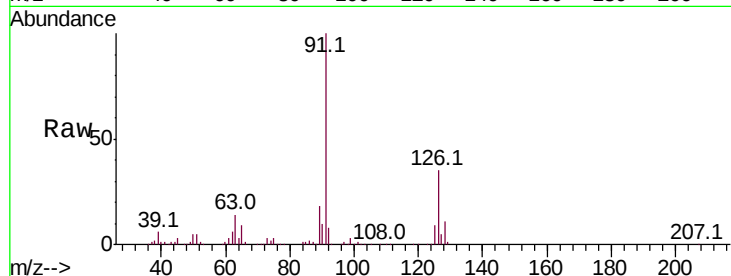
ICVVD100120

Tot Ion: 91 Resp: 795185

Ion Ratio Lower Upper

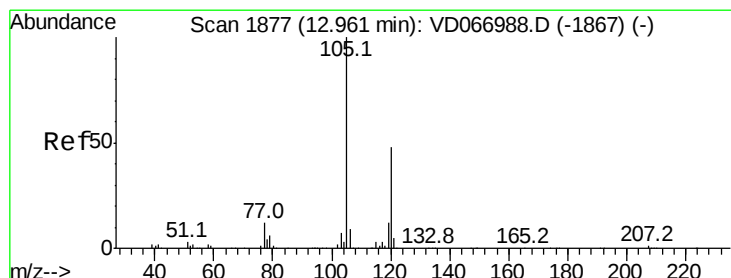
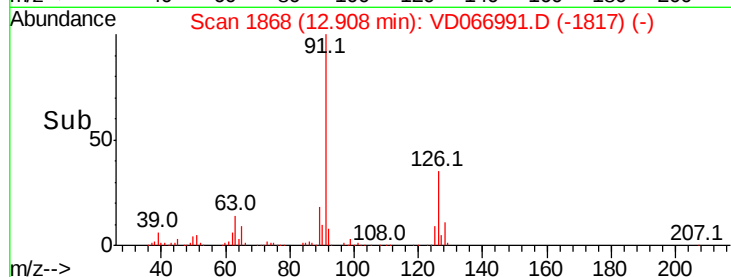
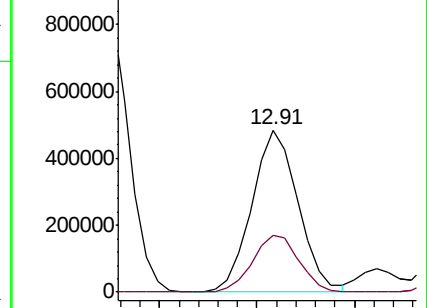
91 100

126 35.2 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066991.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066991.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.392 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066991.D

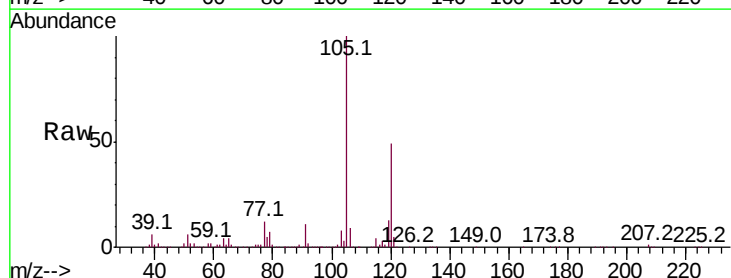
Acq: 01 Oct 2020 14:36

Tgt Ion:105 Resp: 1009742

Ion Ratio Lower Upper

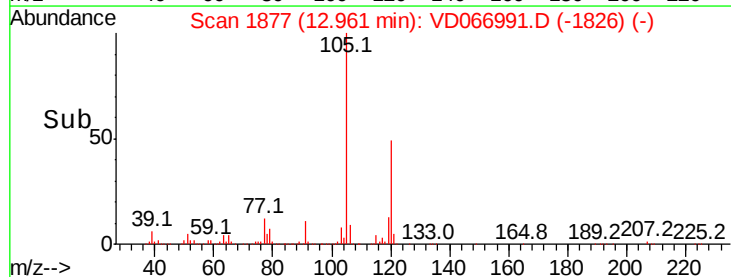
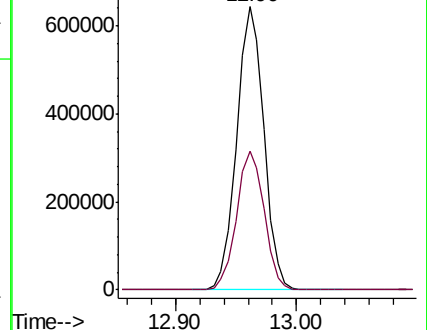
105 100

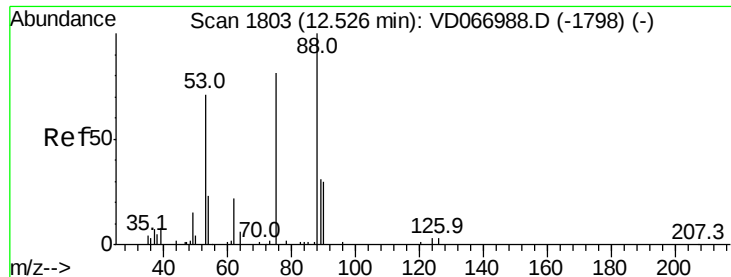
120 49.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VD066991.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD066991.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.860 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

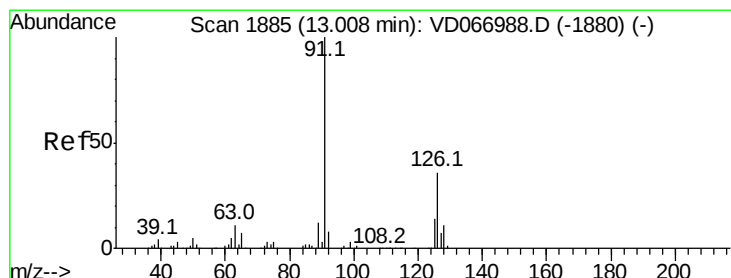
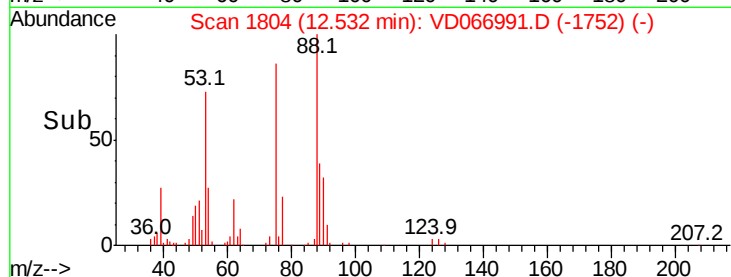
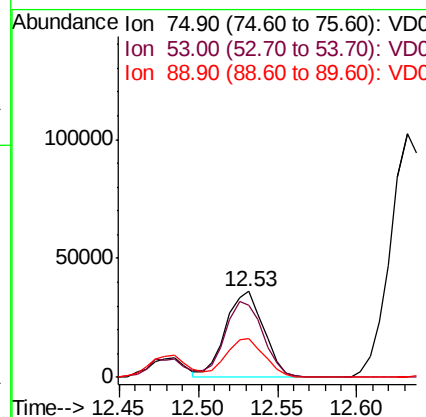
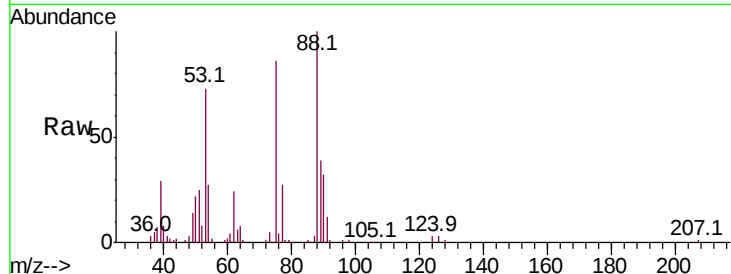
Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion: 75 Resp: 60869

Ion	Ratio	Lower	Upper
75	100		
53	89.2	73.8	110.6
89	45.1	38.9	58.3



#82

4-Chlorotoluene

Concen: 51.047 ug/l

RT: 13.01 min Scan# 1885

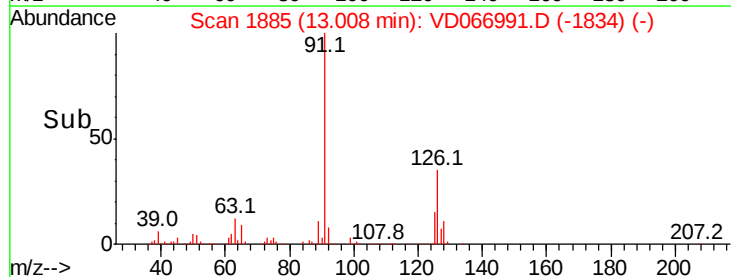
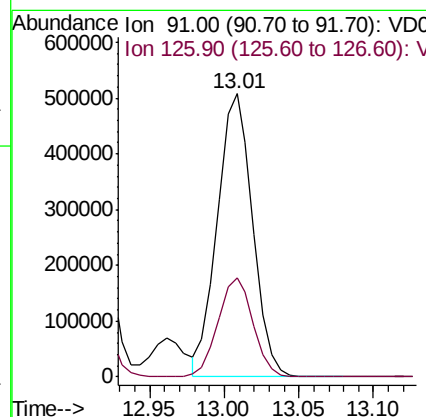
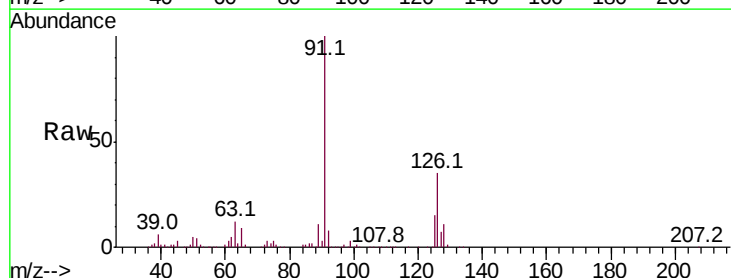
Delta R.T. 0.00 min

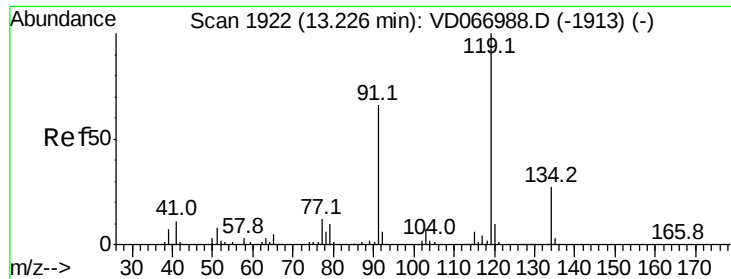
Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Tgt Ion: 91 Resp: 837739

Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.5	52.5

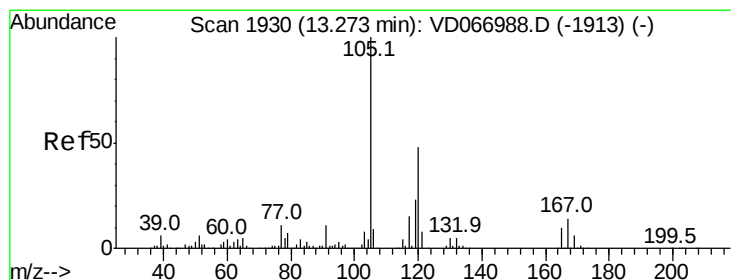
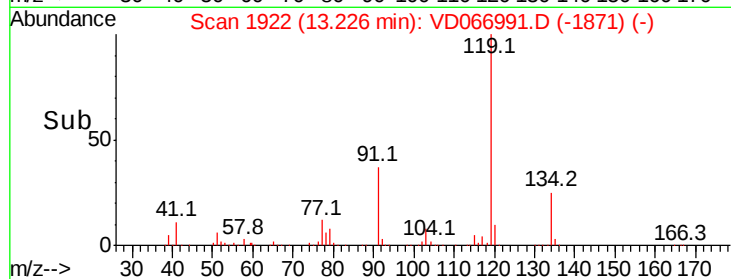
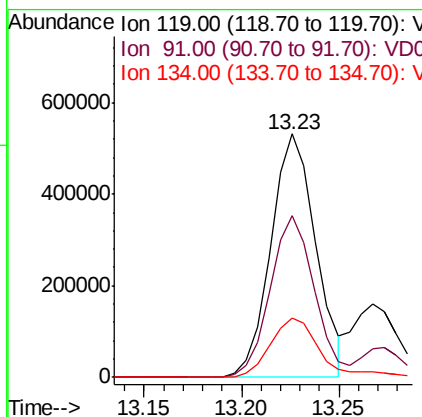
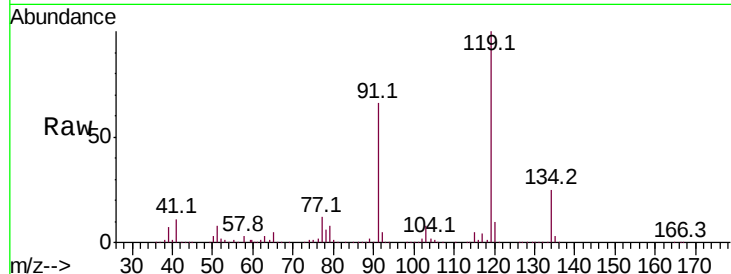




#83
 tert-Butylbenzene
 Concen: 52.307 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

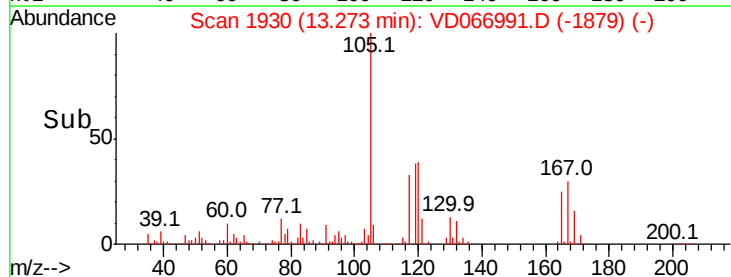
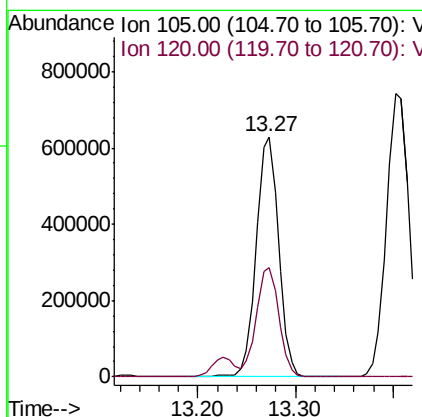
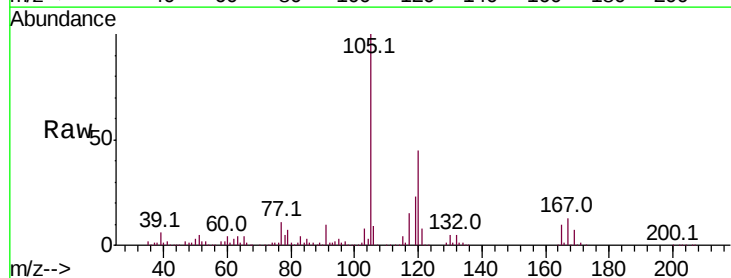
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

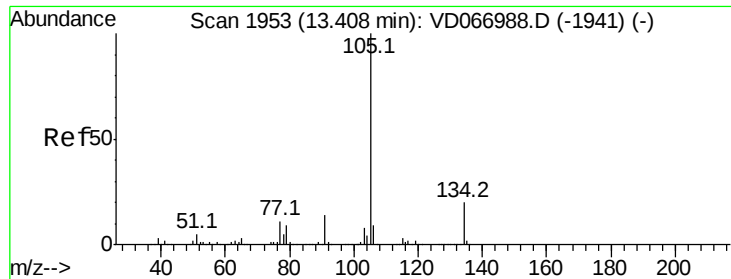
Tot Ion:119 Resp: 848927
 Ion Ratio Lower Upper
 119 100
 91 65.3 32.8 98.3
 134 27.1 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 52.492 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion:105 Resp: 1009626
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.3 69.8

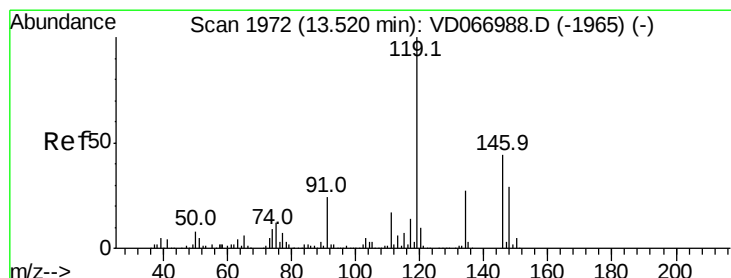
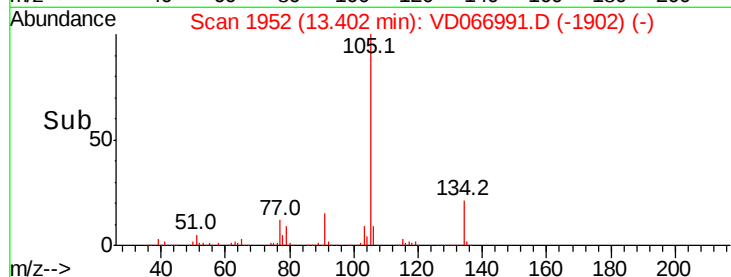
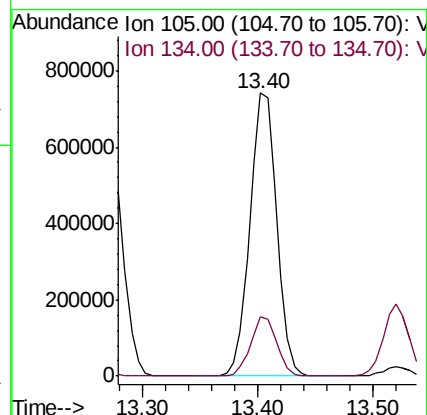
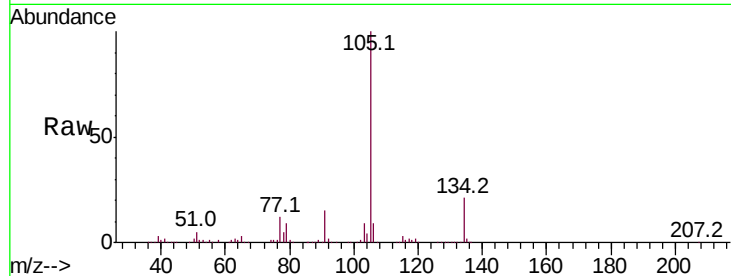




#85
 sec-Butylbenzene
 Concen: 52.485 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

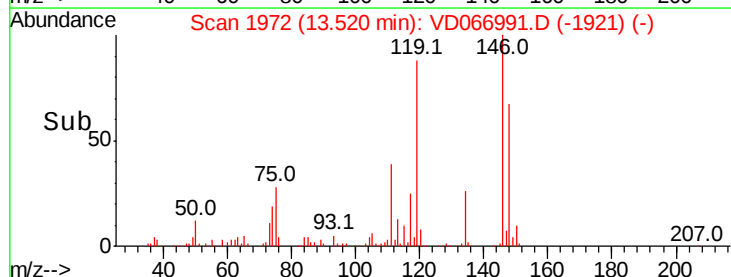
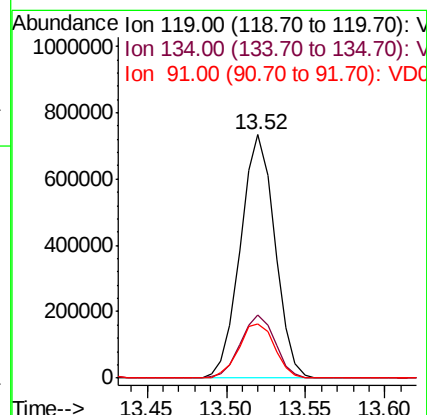
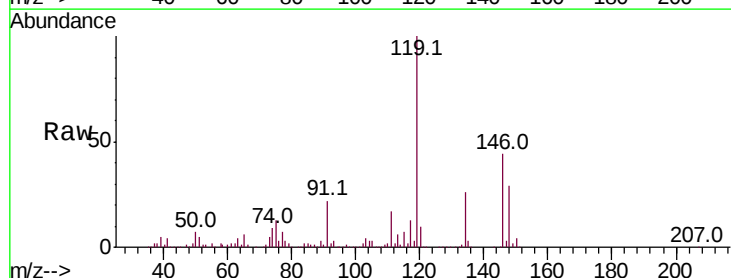
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

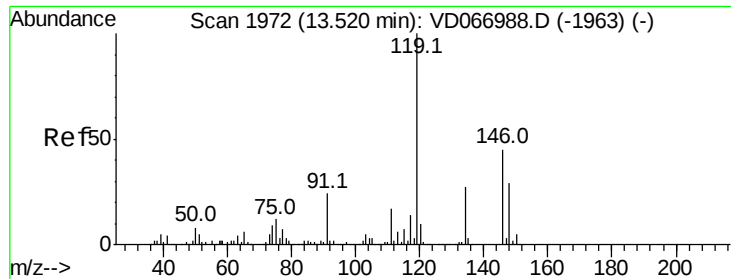
Tot Ion:105 Resp: 1199566
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 52.358 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion:119 Resp: 1109456
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 23.3 11.7 35.1

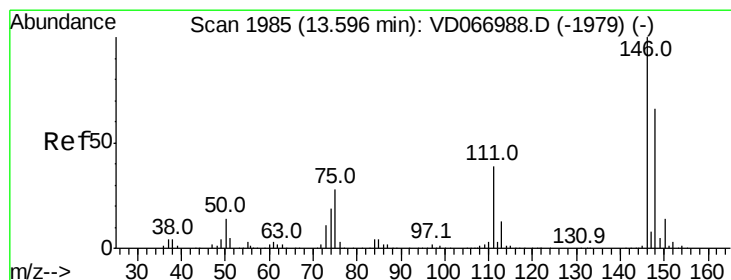
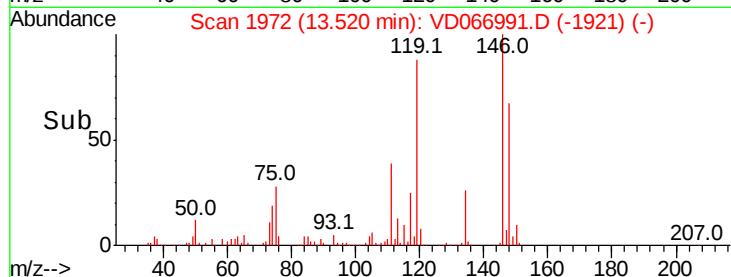
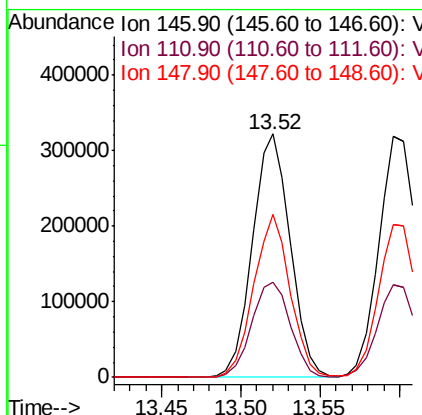
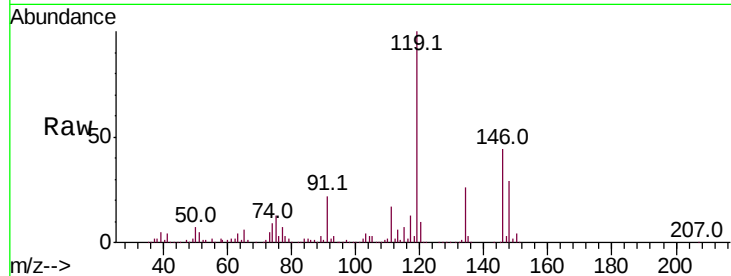




#87
 1,3-Dichlorobenzene
 Concen: 49.631 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

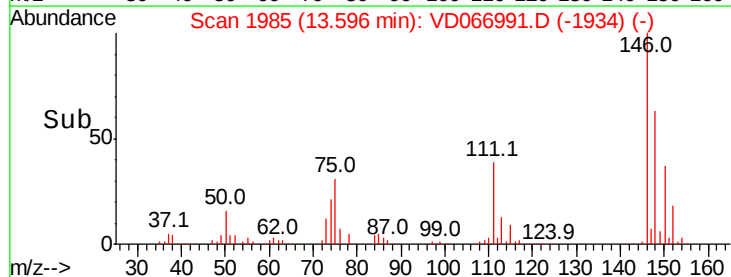
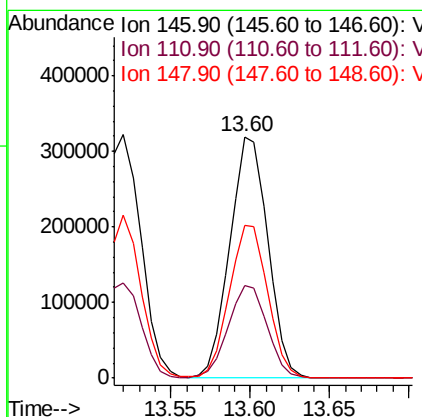
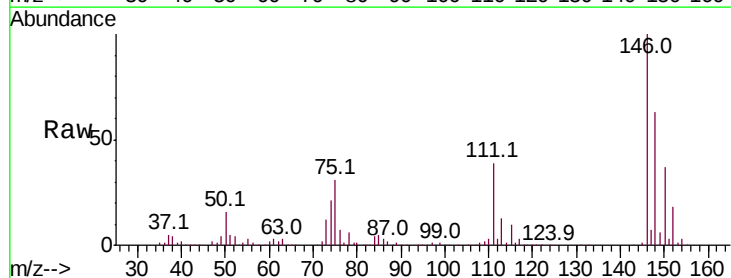
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

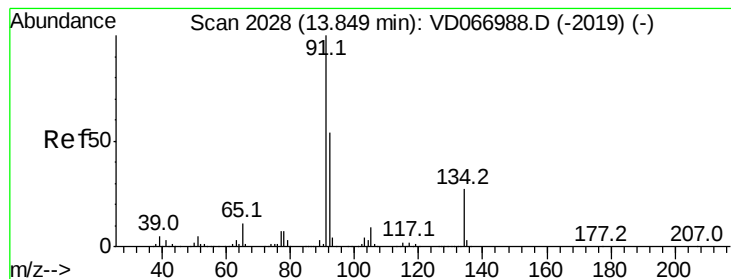
Tot Ion:146 Resp: 532484
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 60.0
 148 64.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.553 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion:146 Resp: 531586
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.7
 148 63.8 32.6 97.7





#89

n-Butylbenzene

Concen: 52.642 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

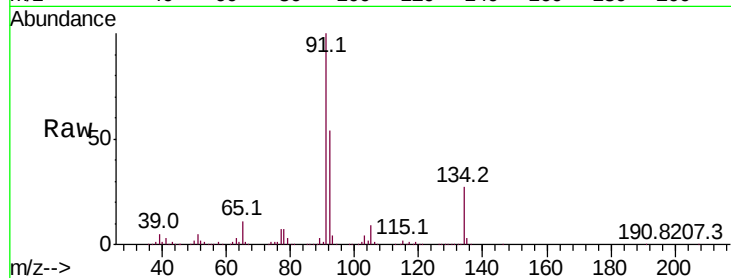
Tot Ion: 91 Resp: 1019444

Ion Ratio Lower Upper

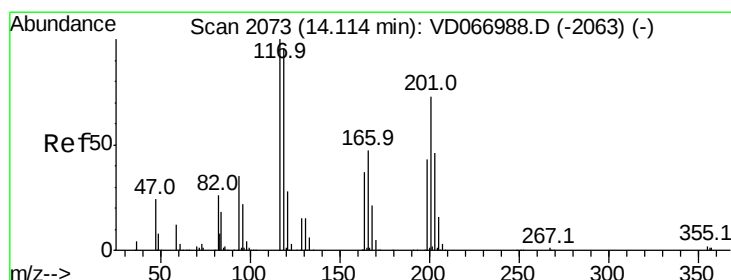
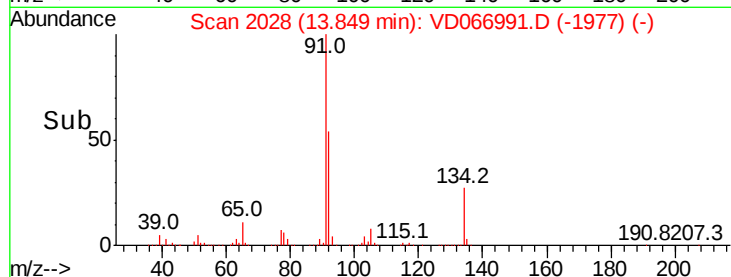
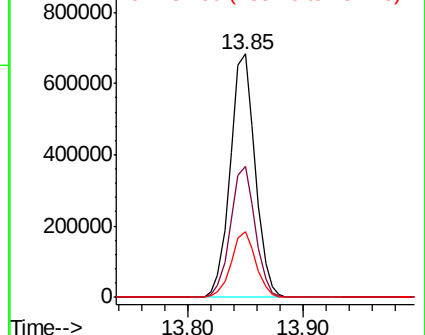
91 100

92 53.4 27.1 81.2

134 26.4 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.215 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VD066991.D

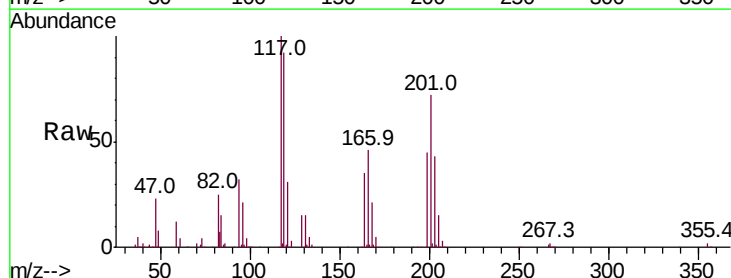
Acq: 01 Oct 2020 14:36

Tgt Ion: 117 Resp: 190096

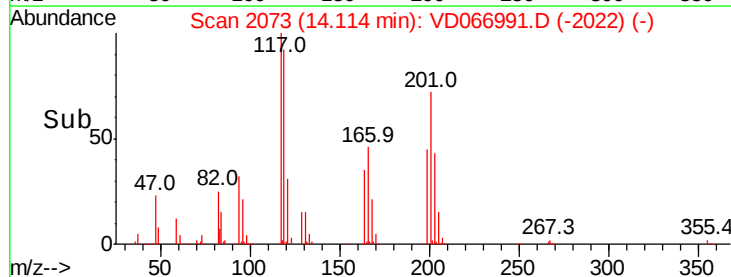
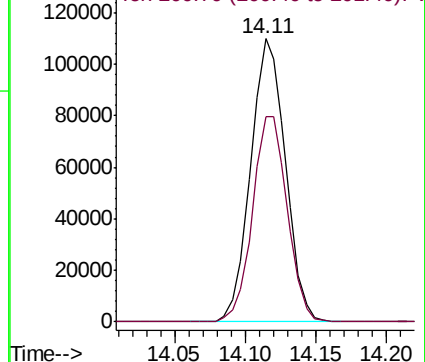
Ion Ratio Lower Upper

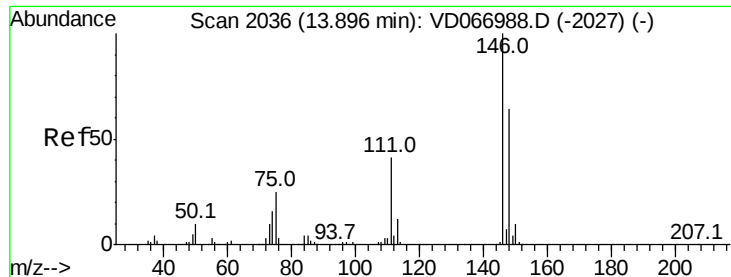
117 100

201 72.5 37.0 110.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 49.988 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

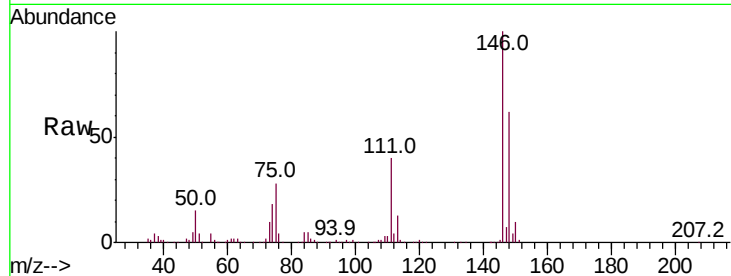
Tot Ion:146 Resp: 468380

Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.7

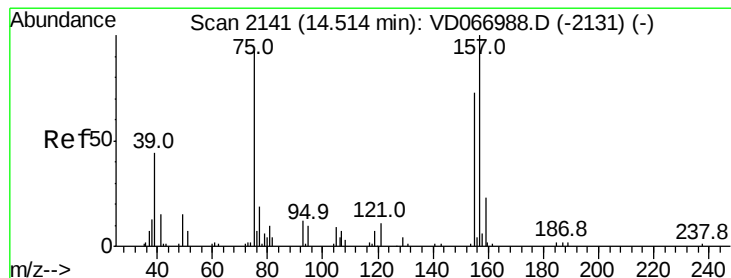
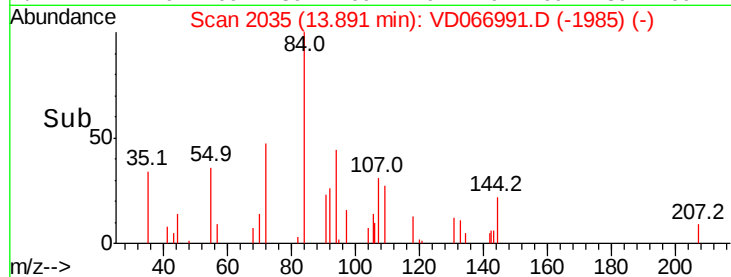
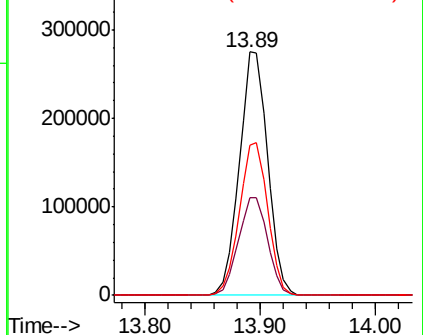
148 62.9 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.569 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

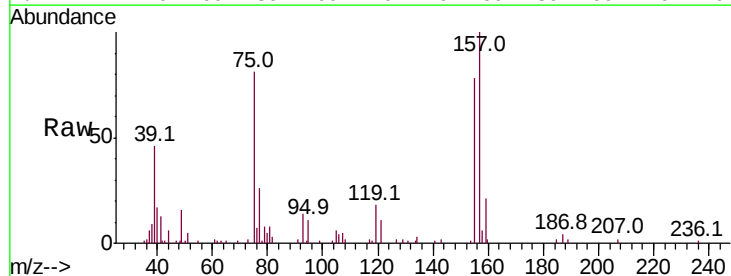
Tgt Ion: 75 Resp: 28852

Ion Ratio Lower Upper

75 100

155 95.6 45.2 135.6

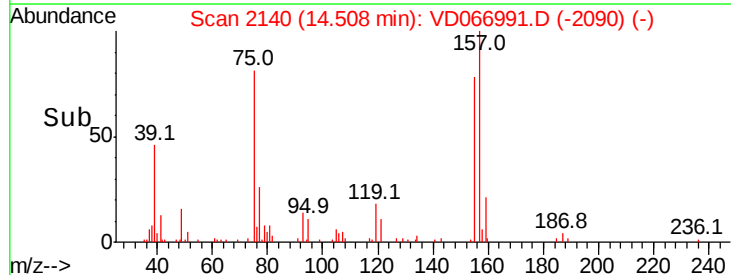
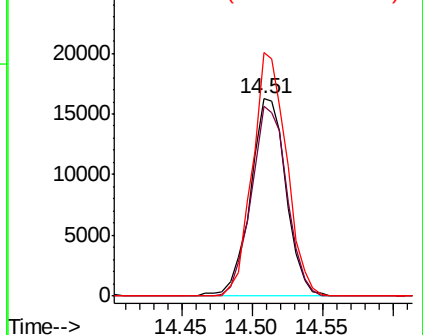
157 117.6 56.3 168.8

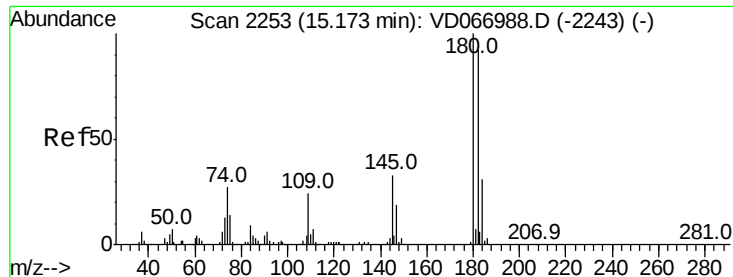


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

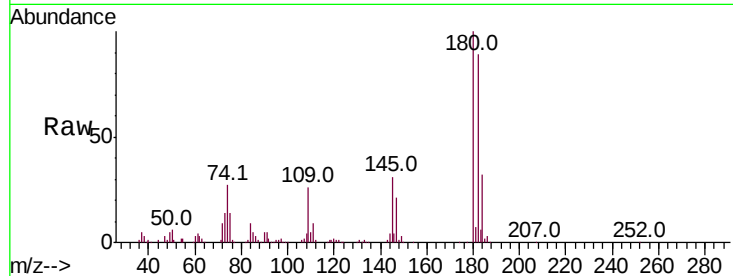




#93
 1,2,4-Trichlorobenzene
 Concen: 52.392 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	32.6	16.4	49.1

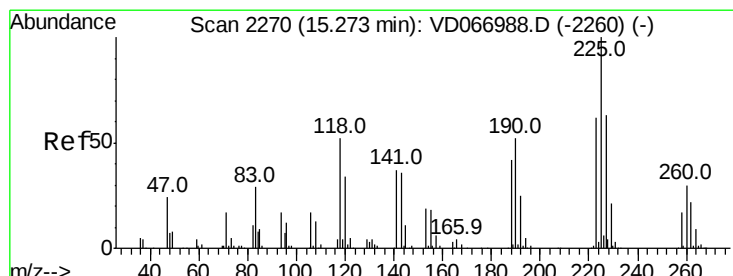
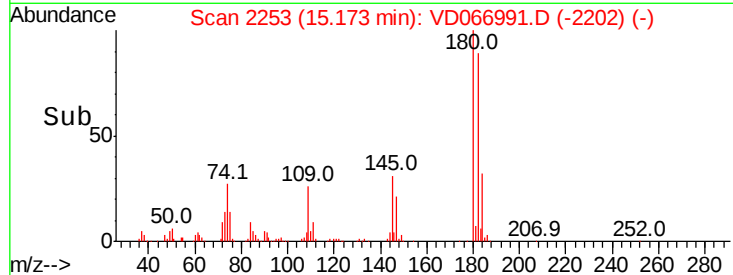
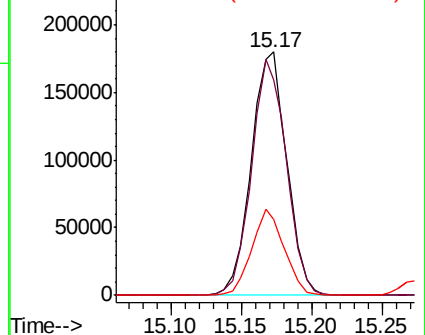


Abundance

Ion 179.80 (179.50 to 180.50): V

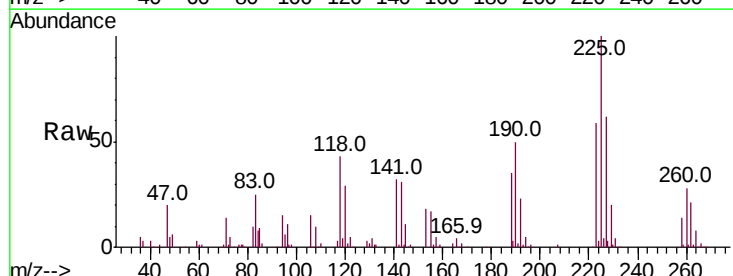
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.963 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.4	97.0
227	62.5	31.6	95.0

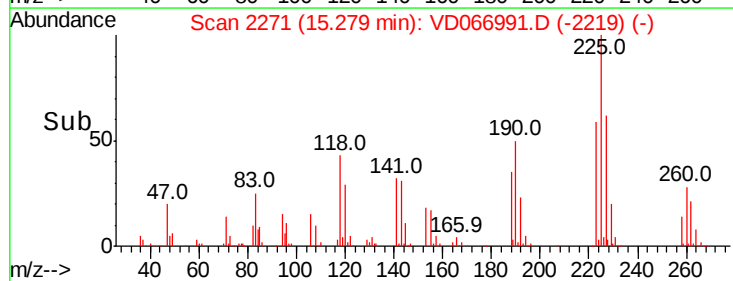
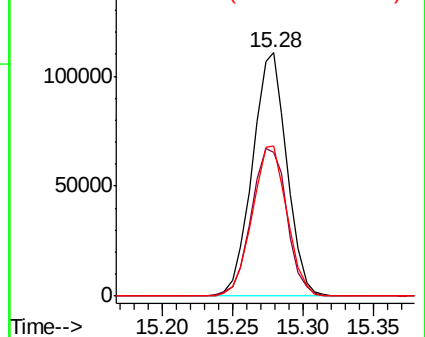


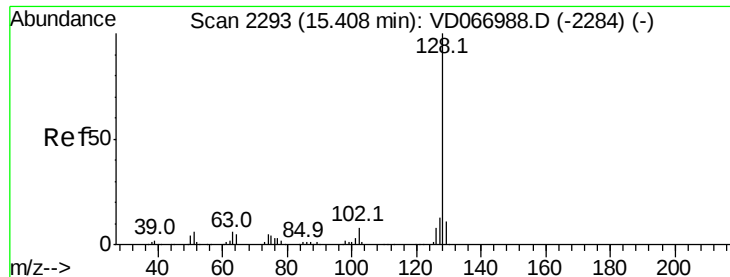
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

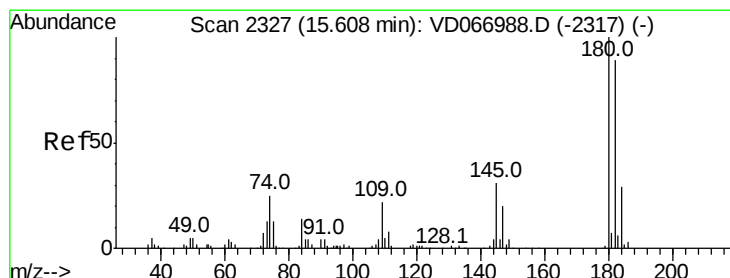
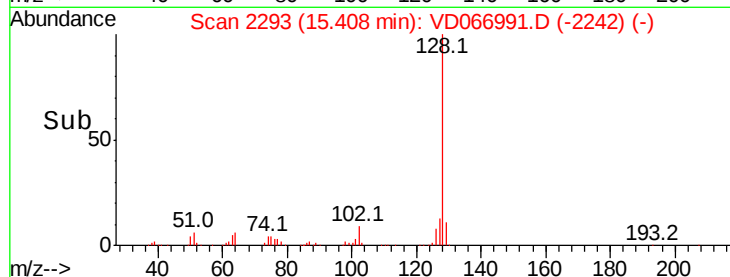
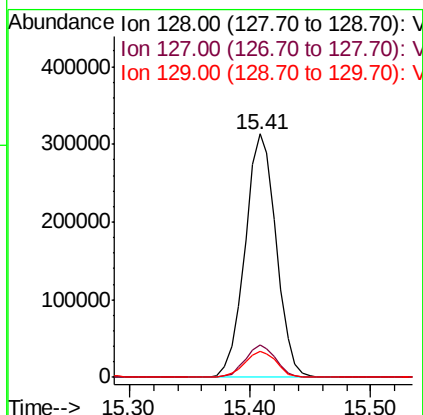
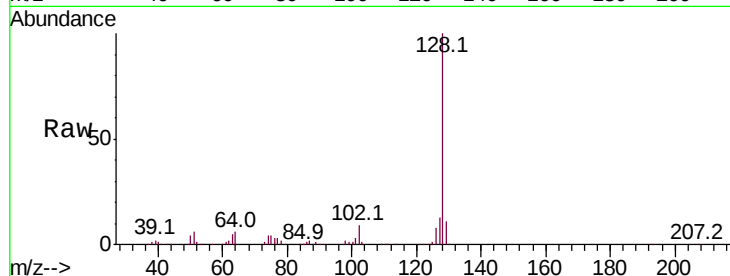




#95
Naphthalene
Concen: 55.527 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion:128 Resp: 561329
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.145 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion:180 Resp: 274351
Ion Ratio Lower Upper
180 100
182 95.7 46.4 139.1
145 34.8 16.6 49.7

