

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066808.D
 Acq On : 22 Sep 2020 13:59
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

Quant Time: Sep 23 02:07:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	421767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	668339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	604817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286449	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	207091	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.91	113	219789	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	10.34	98	783107	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.63	95	270094	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	152486	52.093	ug/l	88
3) Chloromethane	2.21	50	188998	48.772	ug/l	99
4) Vinyl Chloride	2.35	62	189984	49.625	ug/l	100
5) Bromomethane	2.77	94	144887	53.843	ug/l	98
6) Chloroethane	2.93	64	117334	49.353	ug/l #	86
7) Trichlorofluoromethane	3.28	101	380202	48.356	ug/l	96
8) Diethyl Ether	3.71	74	99989	50.093	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	229596	50.359	ug/l	97
10) Methyl Iodide	4.30	142	211298	52.520	ug/l	98
11) Tert butyl alcohol	5.22	59	64778	262.059	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	208049	50.374	ug/l	94
13) Acrolein	3.92	56	71747	235.601	ug/l	96
14) Allyl chloride	4.71	41	321352	52.988	ug/l	98
15) Acrylonitrile	5.43	53	226737	256.322	ug/l	99
16) Acetone	4.16	43	219596	250.764	ug/l	96
17) Carbon Disulfide	4.41	76	634373	50.241	ug/l	97
18) Methyl Acetate	4.71	43	99726	51.120	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	471277	52.545	ug/l	96
20) Methylene Chloride	4.97	84	256059	54.729	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	244692	51.168	ug/l	89
22) Diisopropyl ether	6.36	45	673612	54.021	ug/l	98
23) Vinyl Acetate	6.31	43	1806171	266.611	ug/l	100
24) 1,1-Dichloroethane	6.26	63	423864	50.812	ug/l	98
25) 2-Butanone	7.21	43	266197	252.951	ug/l	95
26) 2,2-Dichloropropane	7.20	77	381342	49.876	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	269753	51.917	ug/l	100
28) Bromochloromethane	7.54	49	191381	55.534	ug/l #	99
29) Tetrahydrofuran	7.56	42	175114	259.696	ug/l	98
30) Chloroform	7.71	83	448638	49.893	ug/l	100
31) Cyclohexane	7.98	56	368453	49.088	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	416066	51.150	ug/l	99
36) 1,1-Dichloropropene	8.11	75	342608	51.672	ug/l	99
37) Ethyl Acetate	7.29	43	128884	53.770	ug/l	98
38) Carbon Tetrachloride	8.10	117	368779	50.873	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	415987	54.643	ug/l	99
40) Benzene	8.35	78	956307	51.751	ug/l	98
41) Methacrylonitrile	7.56	41	173162	117.473	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	279406	51.146	ug/l	98
43) Isopropyl Acetate	8.45	43	239461	51.817	ug/l	98
44) Trichloroethene	9.11	130	262540	49.845	ug/l	99
45) 1,2-Dichloropropane	9.38	63	234503	50.438	ug/l	98
46) Dibromomethane	9.47	93	130809	51.783	ug/l	99
47) Bromodichloromethane	9.66	83	346043	50.994	ug/l #	98
48) Methyl methacrylate	9.45	41	131722	57.812	ug/l	89
49) 1,4-Dioxane	9.46	88	28531	995.480	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	626282	267.459	ug/l	98
52) Toluene	10.40	92	629543	52.890	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	309131	53.522	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	368300	52.296	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	174757	50.324	ug/l	93
56) Ethyl methacrylate	10.66	69	203099	54.594	ug/l	97
57) 1,3-Dichloropropane	10.94	76	299607	52.249	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	429326	243.729	ug/l	100
59) 2-Hexanone	10.98	43	428092	271.096	ug/l	99
60) Dibromochloromethane	11.14	129	228771	50.476	ug/l	99
61) 1,2-Dibromoethane	11.24	107	169084	52.348	ug/l	99
64) Tetrachloroethene	10.87	164	218328	50.184	ug/l	90
65) Chlorobenzene	11.67	112	651561	51.754	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	244672	51.349	ug/l	99
67) Ethyl Benzene	11.74	91	1197262	54.147	ug/l	98
68) m/p-Xylenes	11.85	106	920051	109.901	ug/l	99
69) o-Xylene	12.18	106	412992	54.557	ug/l	100
70) Styrene	12.19	104	723808	55.059	ug/l	99
71) Bromoform	12.36	173	124388	51.559	ug/l #	99
73) Isopropylbenzene	12.48	105	1162215	56.165	ug/l	100
74) N-amyl acetate	12.29	43	222034	54.945	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	182568	51.130	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	243676	102.650	ug/l #	100
77) Bromobenzene	12.76	156	256183	52.934	ug/l	99
78) n-propylbenzene	12.82	91	1363995	54.791	ug/l	100
79) 2-Chlorotoluene	12.91	91	761221	53.659	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	972794	55.404	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	52952	55.808	ug/l	98
82) 4-Chlorotoluene	13.01	91	793872	53.086	ug/l	99
83) tert-Butylbenzene	13.23	119	814500	56.452	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	965920	55.478	ug/l	99
85) sec-Butylbenzene	13.40	105	1139353	54.915	ug/l	100
86) p-Isopropyltoluene	13.52	119	1061442	56.756	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	506440	52.967	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	488568	51.447	ug/l	99
89) n-Butylbenzene	13.84	91	991163	55.759	ug/l	99
90) Hexachloroethane	14.11	117	198820	52.365	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	429445	52.498	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29194	50.826	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

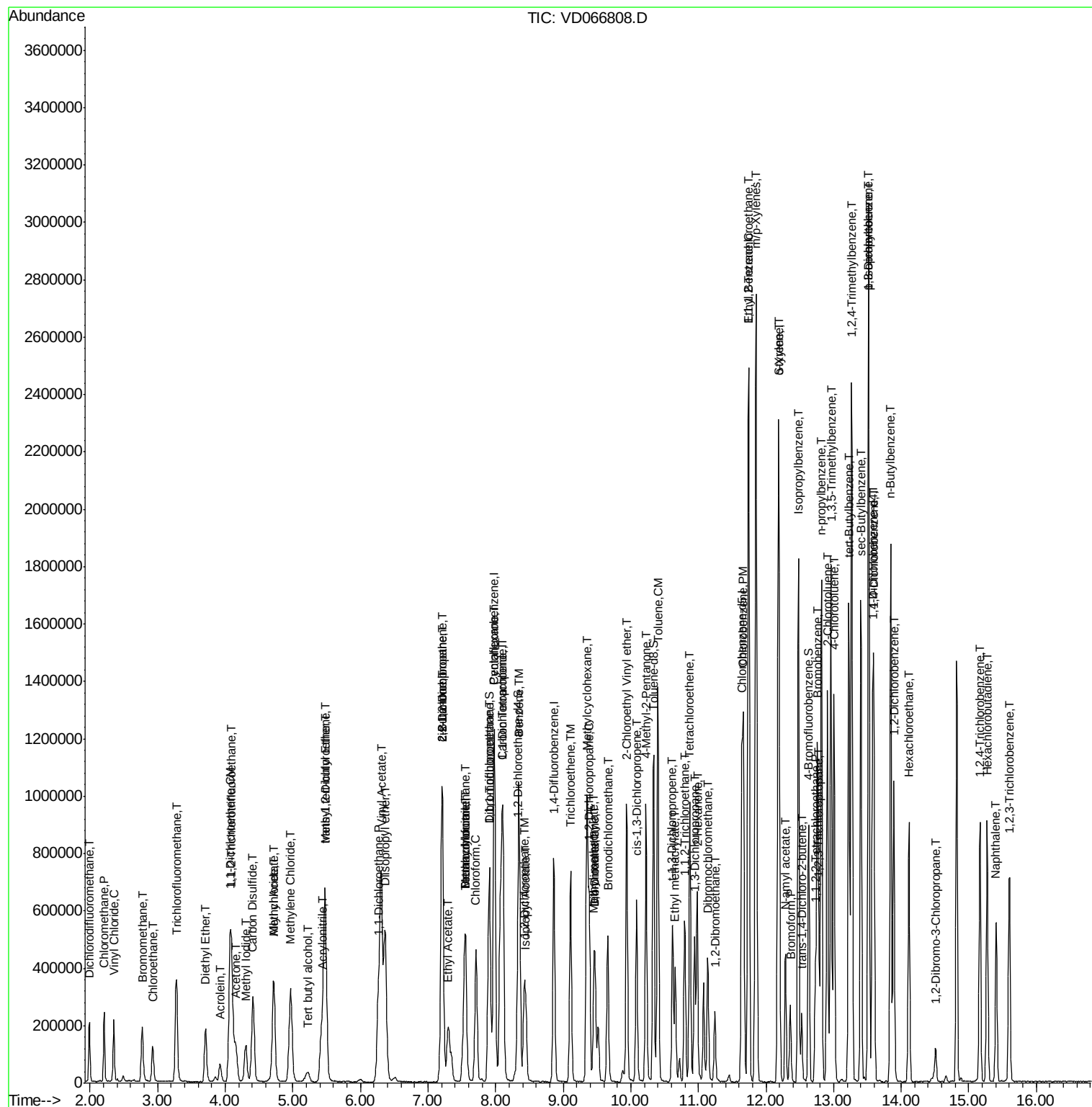
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	277926	53.971	ug/l	99
94) Hexachlorobutadiene	15.27	225	166670	54.012	ug/l	98
95) Naphthalene	15.41	128	491864	56.260	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	239538	53.894	ug/l	99

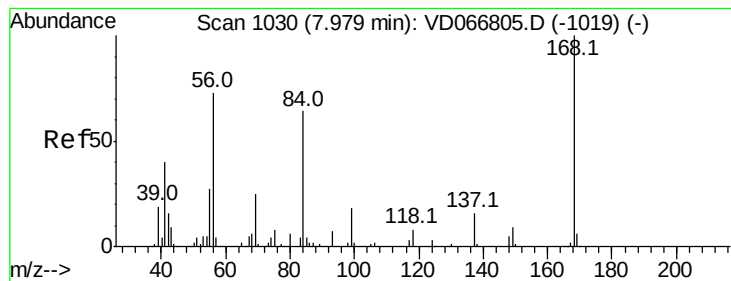
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

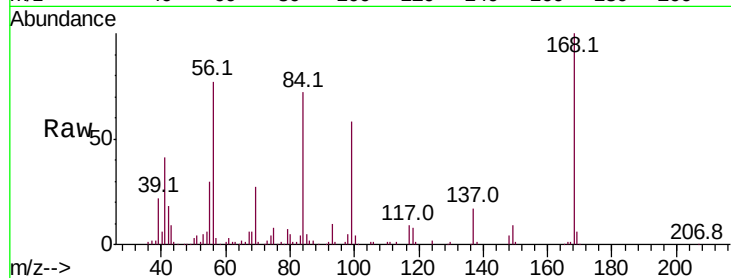
ICVVD092220

Tot Ion:168 Resp: 421767

Ion Ratio Lower Upper

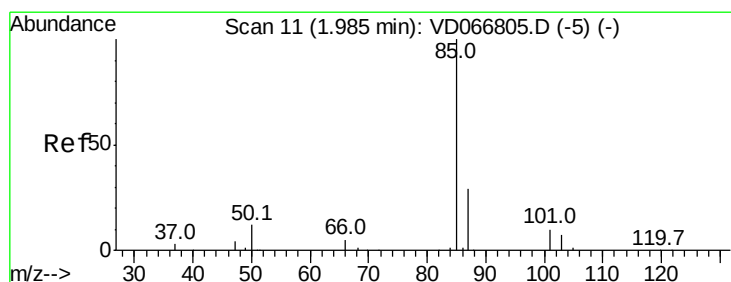
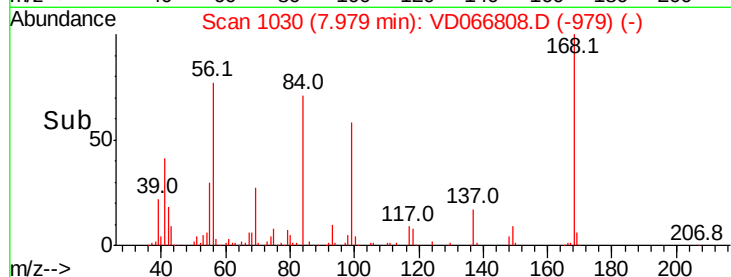
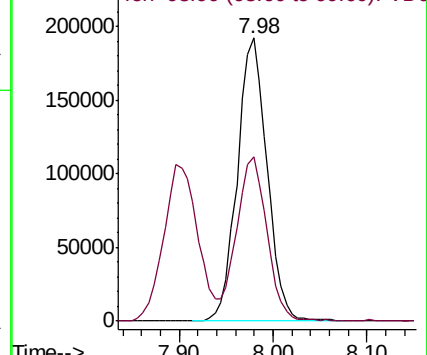
168 100

99 57.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 52.093 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066808.D

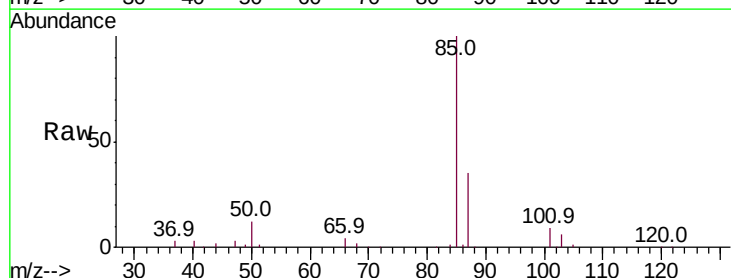
Acq: 22 Sep 2020 13:59

Tgt Ion: 85 Resp: 152486

Ion Ratio Lower Upper

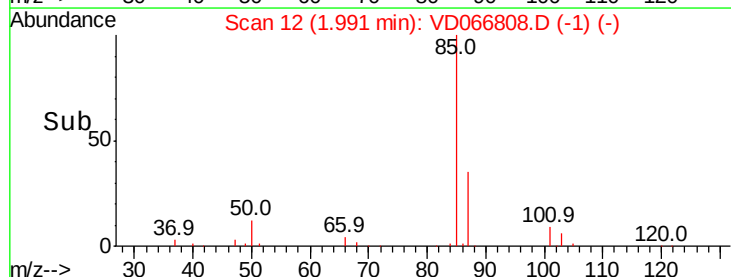
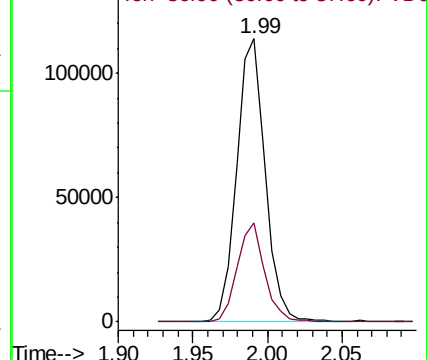
85 100

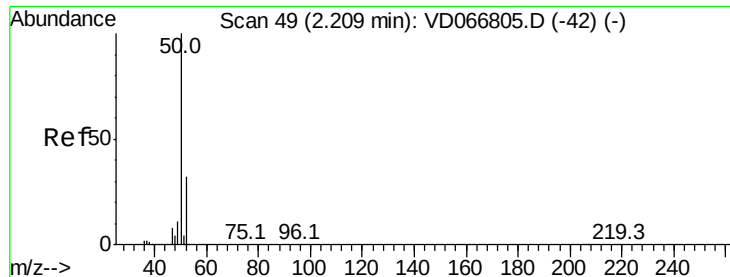
87 35.2 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 48.772 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

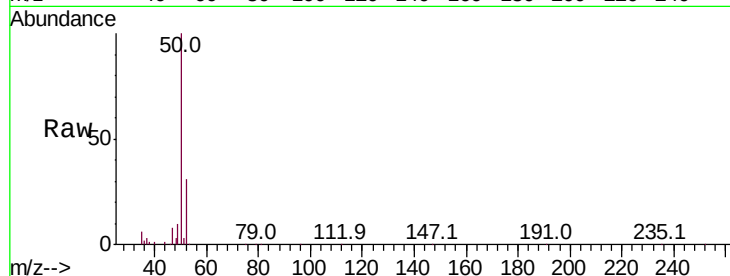
ICVVD092220

Tot Ion: 50 Resp: 188998

Ion Ratio Lower Upper

50 100

52 31.3 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

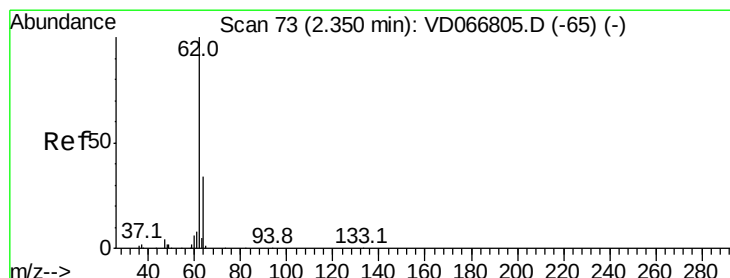
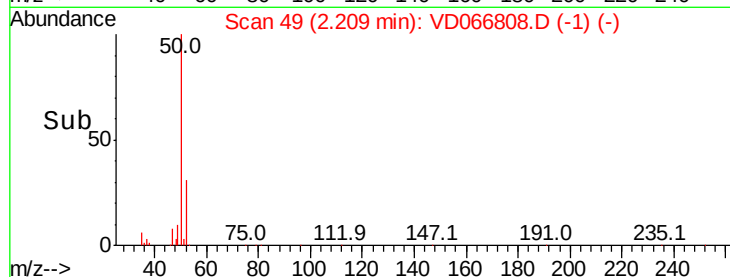
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.625 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066808.D

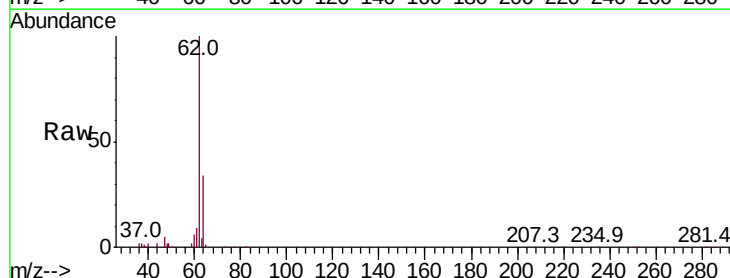
Acq: 22 Sep 2020 13:59

Tgt Ion: 62 Resp: 189984

Ion Ratio Lower Upper

62 100

64 33.7 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

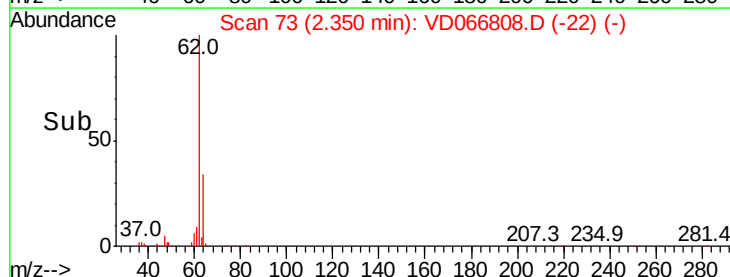
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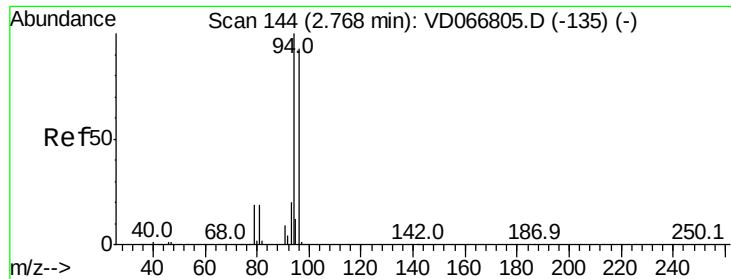
100000

50000

0

Time-->





#5

Bromomethane

Concen: 53.843 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

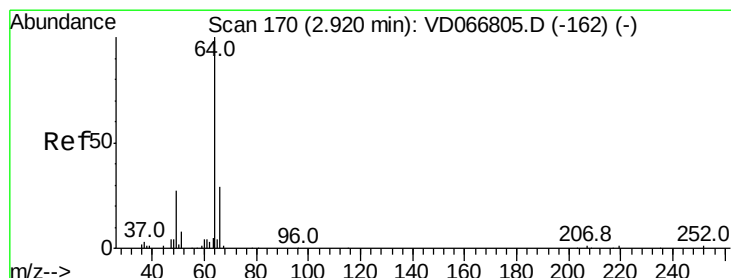
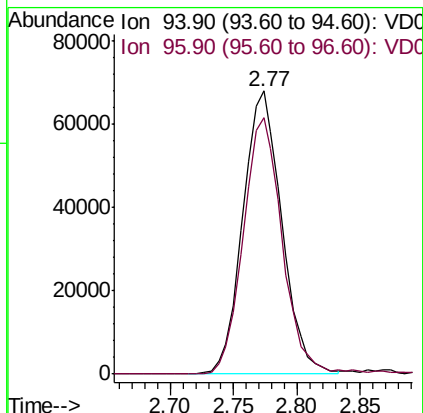
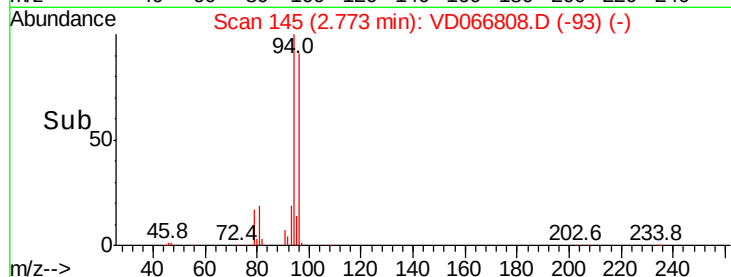
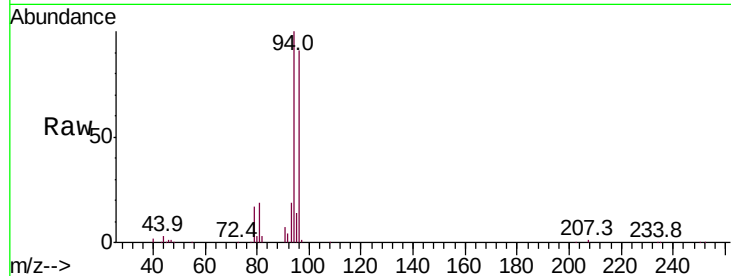
ICVVD092220

Tot Ion: 94 Resp: 144887

Ion Ratio Lower Upper

94 100

96 90.6 74.3 111.5



#6

Chloroethane

Concen: 49.353 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066808.D

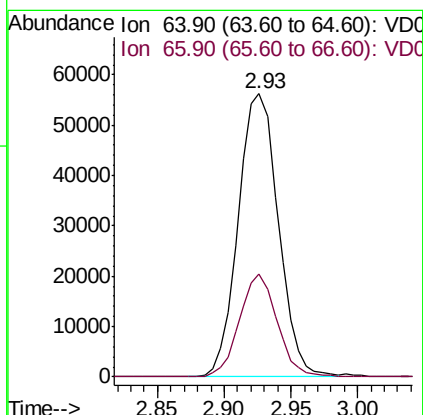
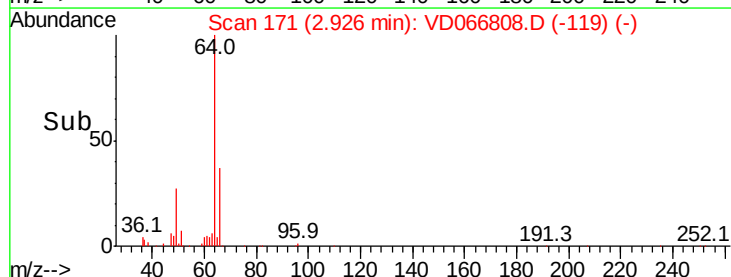
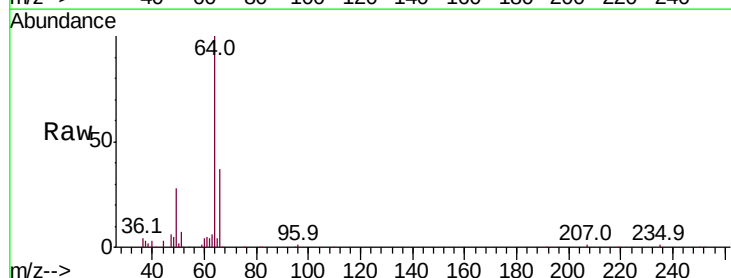
Acq: 22 Sep 2020 13:59

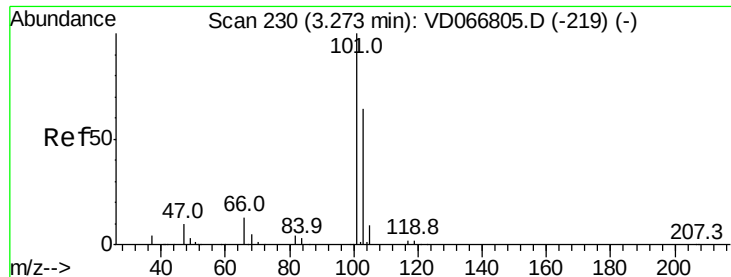
Tgt Ion: 64 Resp: 117334

Ion Ratio Lower Upper

64 100

66 36.5 23.3 34.9#



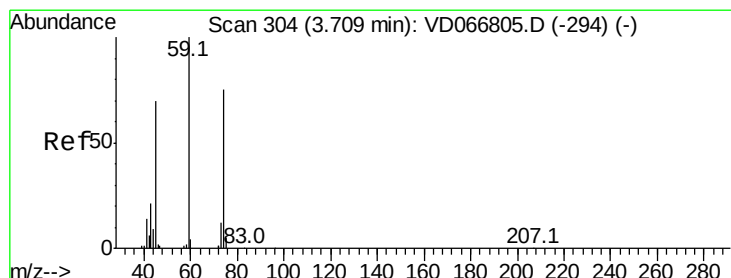
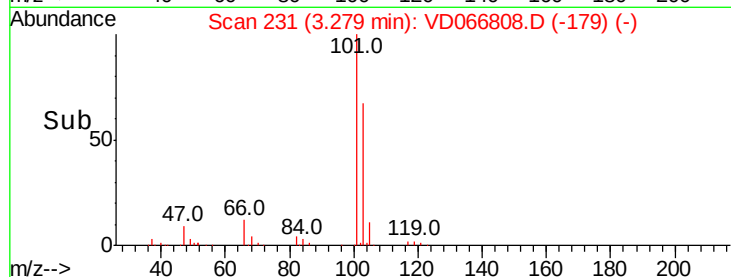
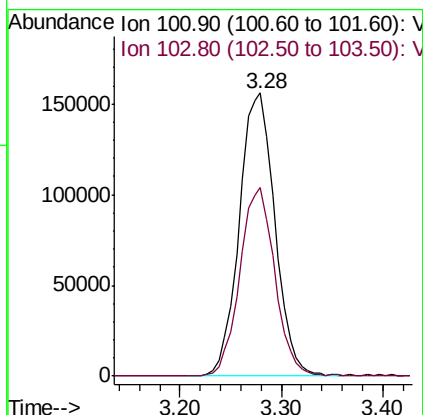
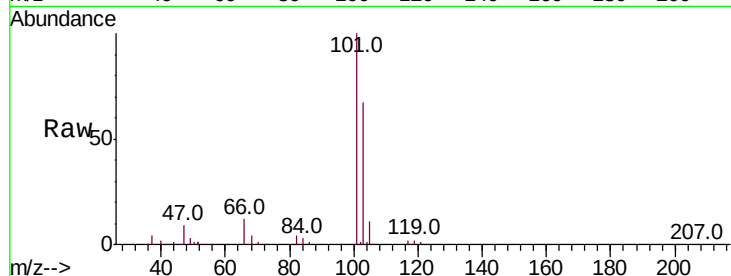


#7

Trichlorofluoromethane
 Concen: 48.356 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Instrument :
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 ClientSampleId :
 ICVVD092220

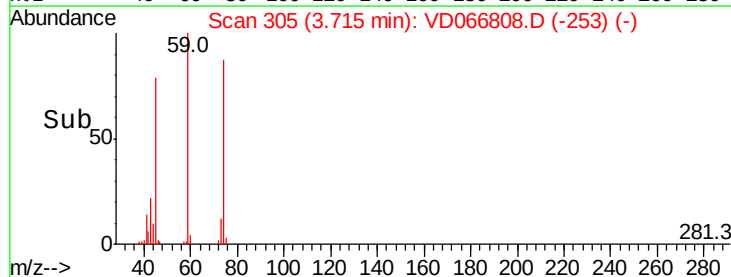
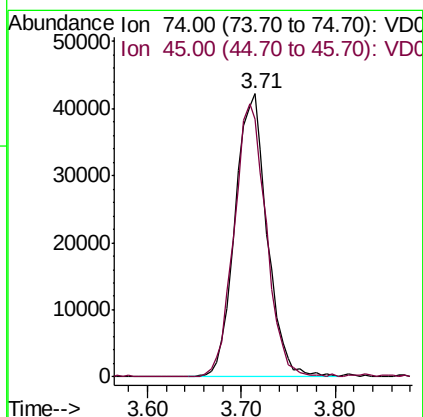
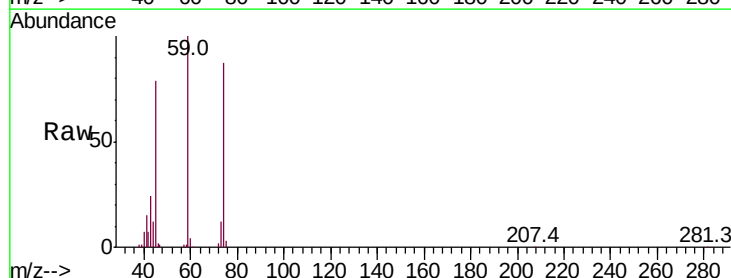
Tot Ion:101 Resp: 380202
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.0 76.6

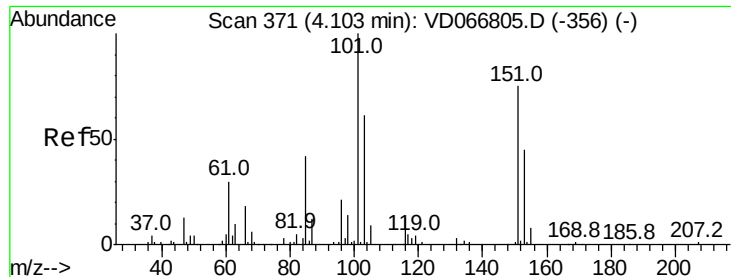


#8

Diethyl Ether
 Concen: 50.093 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion: 74 Resp: 99989
 Ion Ratio Lower Upper
 74 100
 45 96.2 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.359 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

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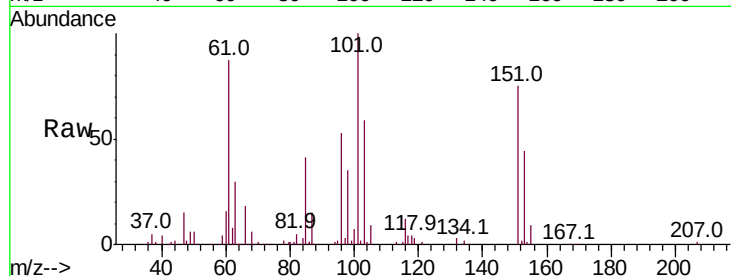
Tot Ion:101 Resp: 229596

Ion Ratio Lower Upper

101 100

85 44.6 35.4 53.2

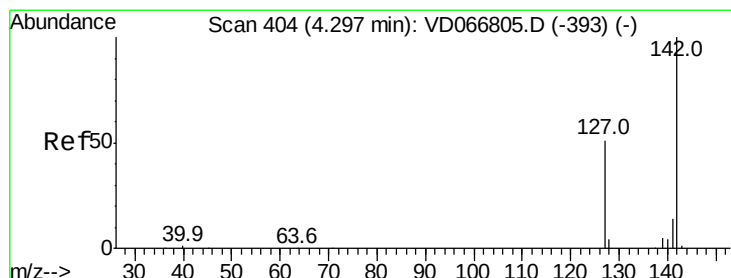
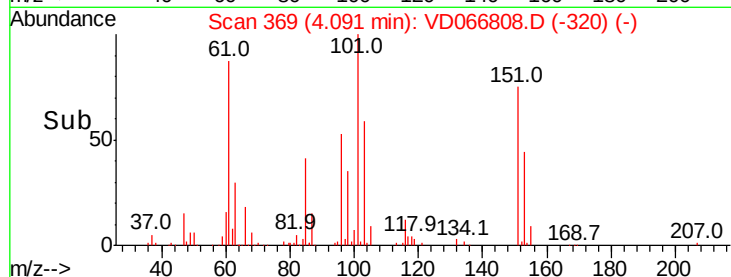
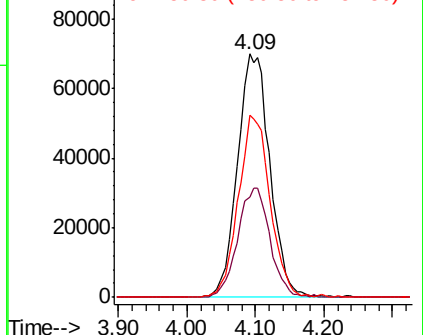
151 73.0 61.4 92.0



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: 52.520 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

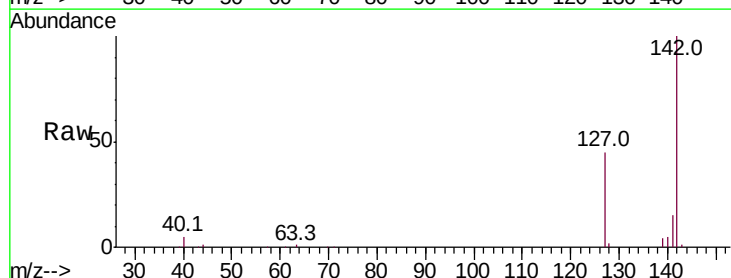
Tgt Ion:142 Resp: 211298

Ion Ratio Lower Upper

142 100

127 47.6 39.4 59.0

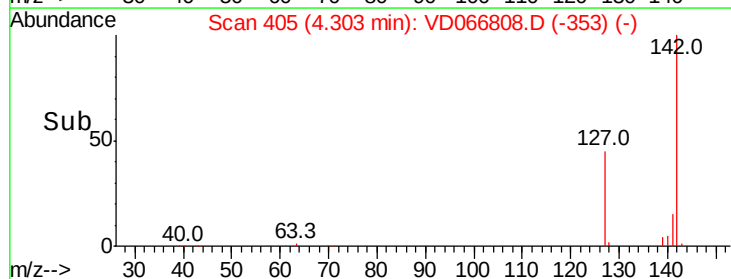
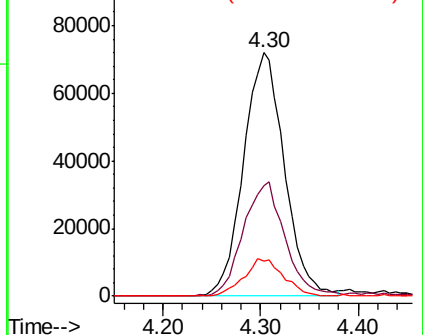
141 14.8 12.1 18.1

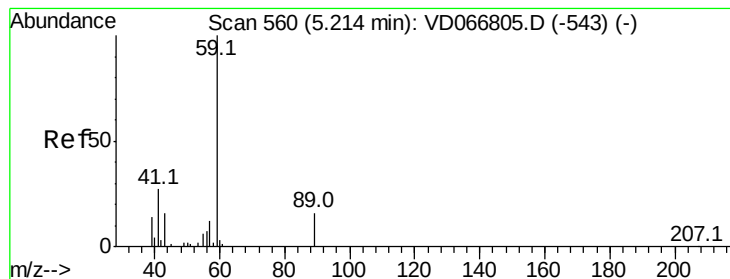


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 262.059 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

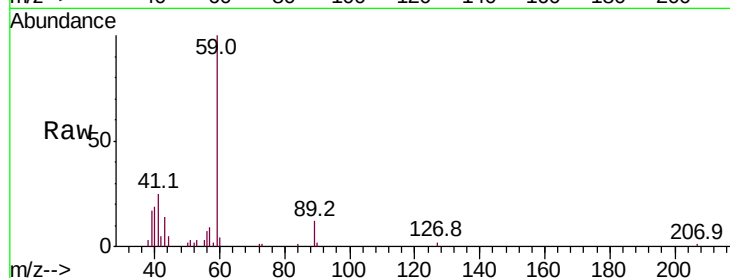
ICVVD092220

Tot Ion: 59 Resp: 64778

Ion Ratio Lower Upper

59 100

57 6.4 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

20000

15000

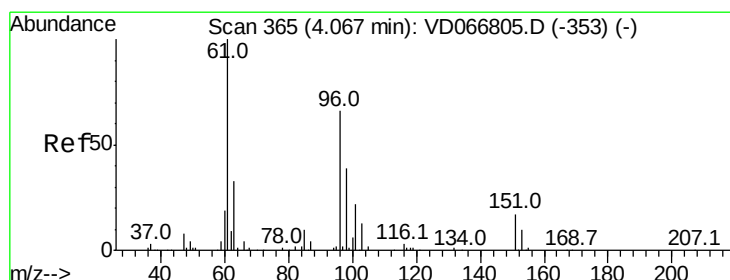
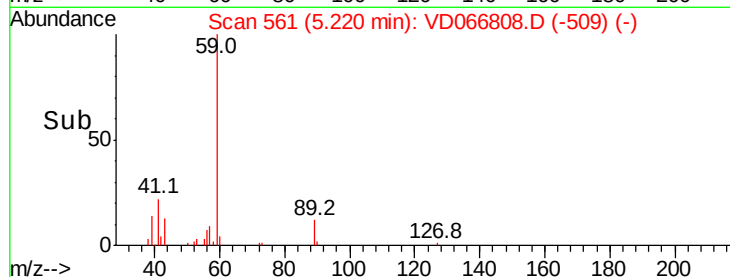
10000

5000

0

Time--> 5.00 5.10 5.20 5.30 5.40

5.22



#12

1,1-Dichloroethene

Concen: 50.374 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

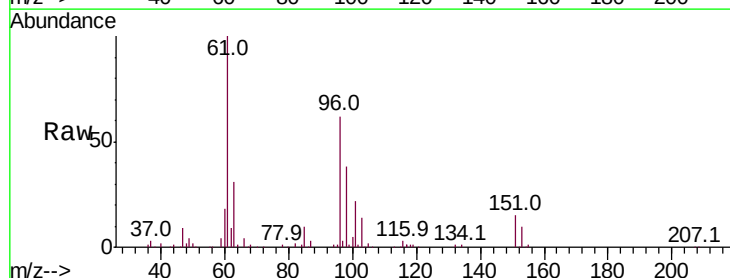
Tgt Ion: 96 Resp: 208049

Ion Ratio Lower Upper

96 100

61 160.9 120.8 181.2

98 61.4 47.7 71.5



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

150000

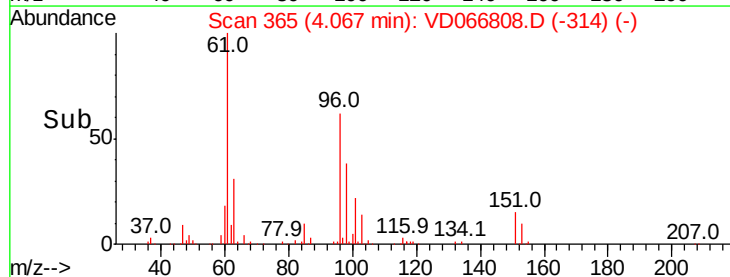
100000

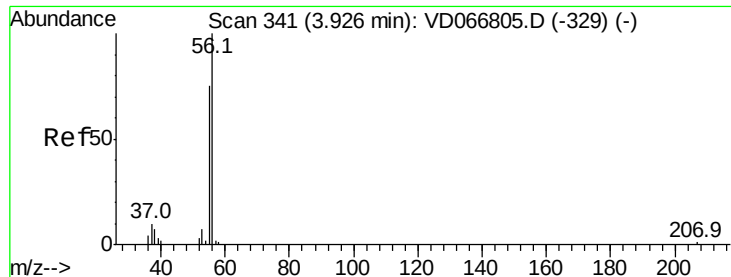
50000

0

Time--> 4.00 4.10 4.20

4.07





#13

Acrolein

Concen: 235.601 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

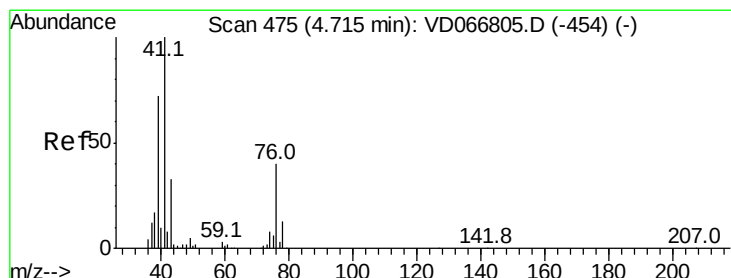
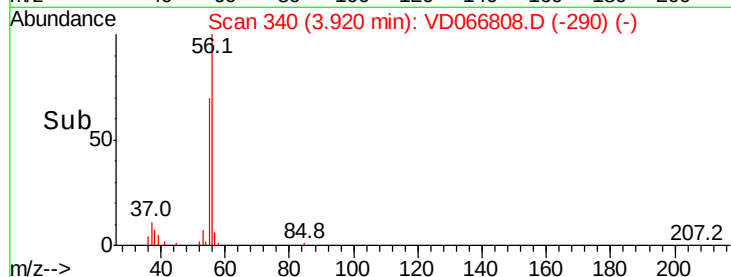
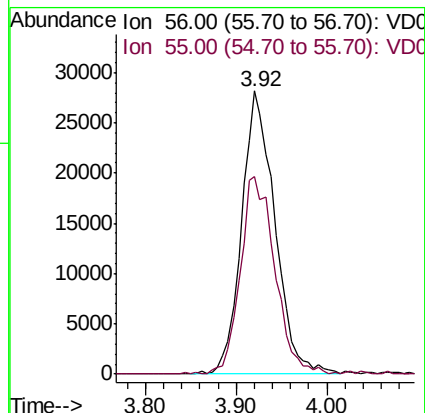
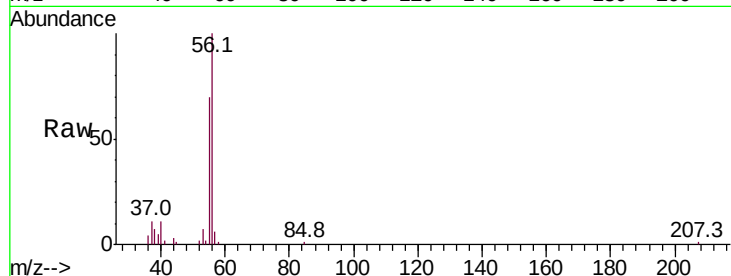
ICVVD092220

Tot Ion: 56 Resp: 71747

Ion Ratio Lower Upper

56 100

55 72.2 60.3 90.5



#14

Allyl chloride

Concen: 52.988 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

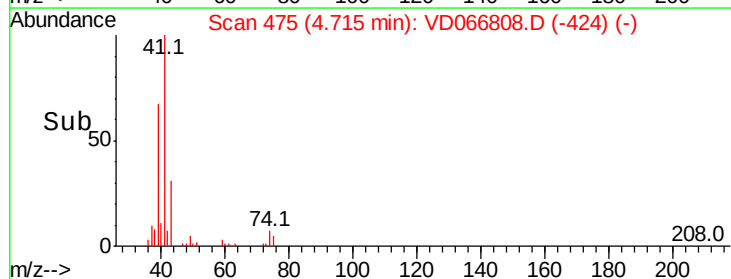
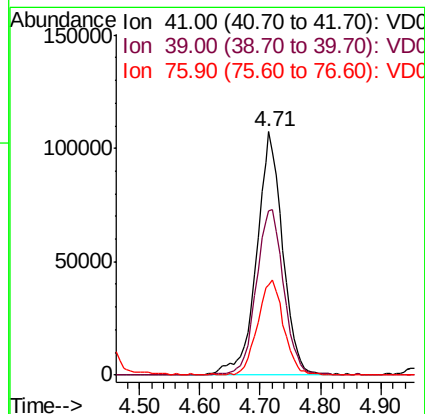
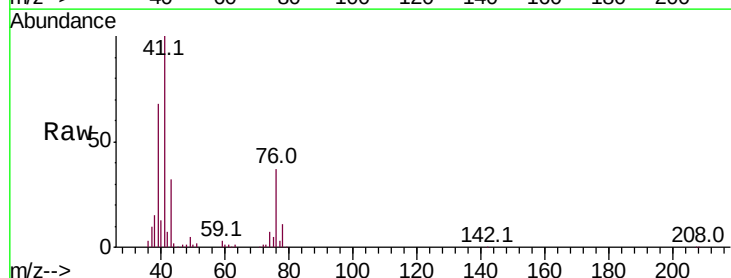
Tgt Ion: 41 Resp: 321352

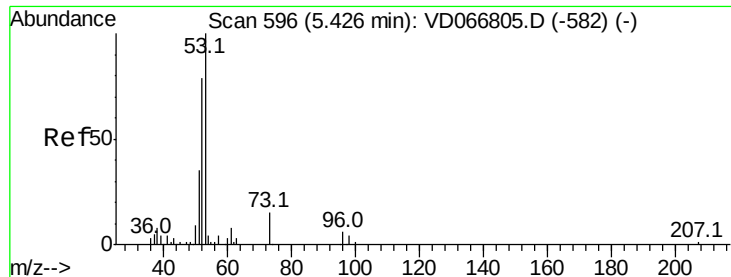
Ion Ratio Lower Upper

41 100

39 69.8 57.8 86.8

76 38.6 30.9 46.3





#15

Acrylonitrile

Concen: 256.322 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

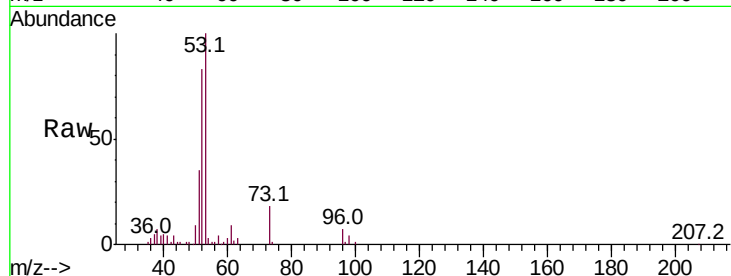
Tot Ion: 53 Resp: 226737

Ion Ratio Lower Upper

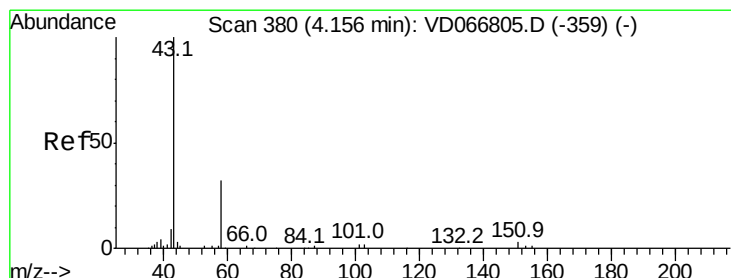
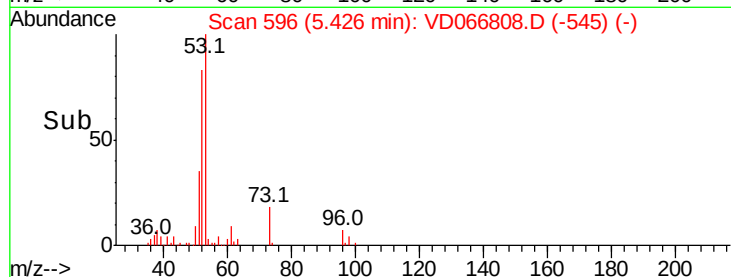
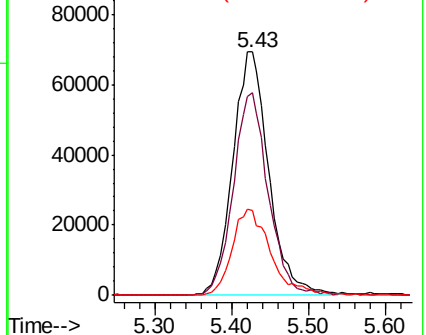
53 100

52 80.5 65.2 97.8

51 37.6 30.6 46.0



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



#16

Acetone

Concen: 250.764 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066808.D

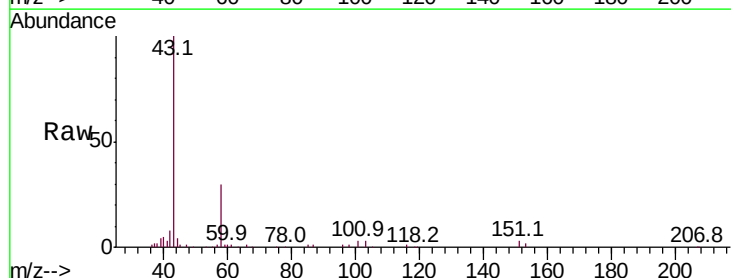
Acq: 22 Sep 2020 13:59

Tgt Ion: 43 Resp: 219596

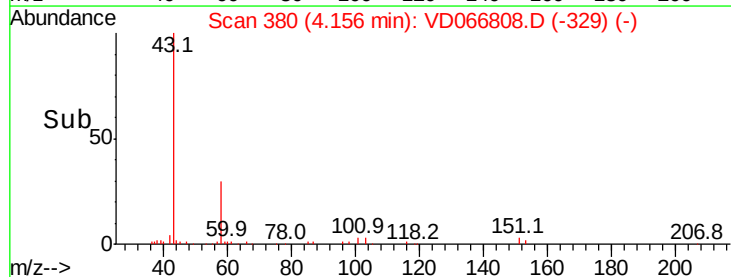
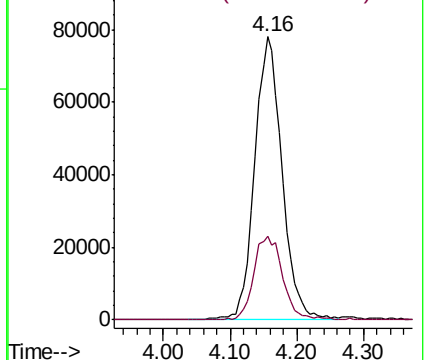
Ion Ratio Lower Upper

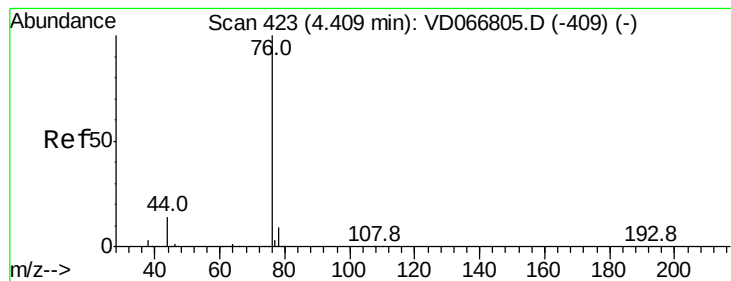
43 100

58 29.7 25.6 38.4



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





#17

Carbon Disulfide

Concen: 50.241 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

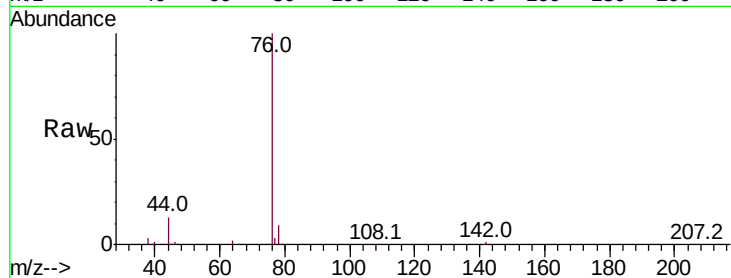
ICVVD092220

Tot Ion: 76 Resp: 634373

Ion Ratio Lower Upper

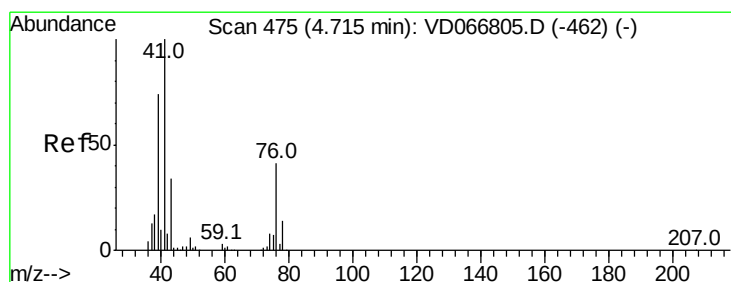
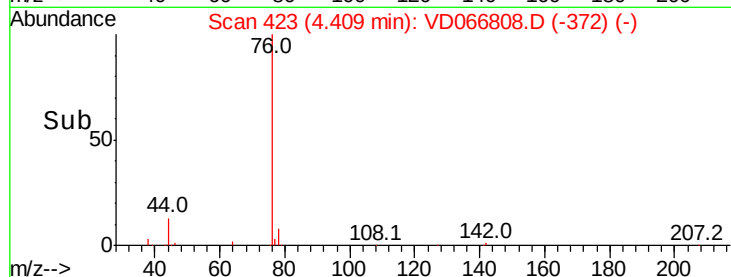
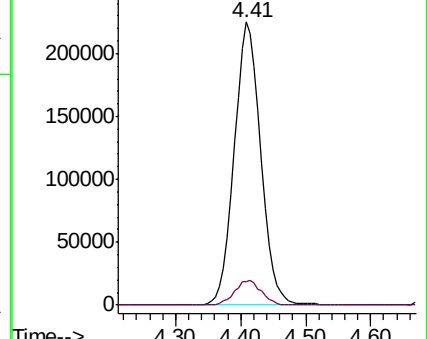
76 100

78 8.5 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 51.120 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066808.D

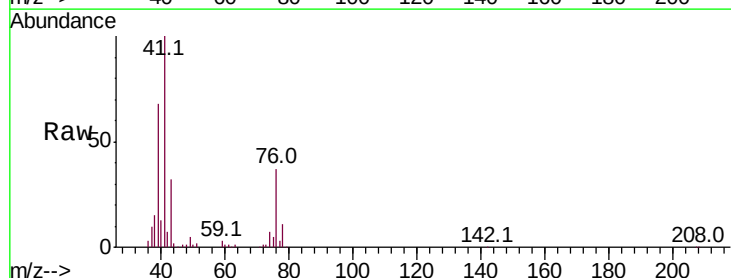
Acq: 22 Sep 2020 13:59

Tgt Ion: 43 Resp: 99726

Ion Ratio Lower Upper

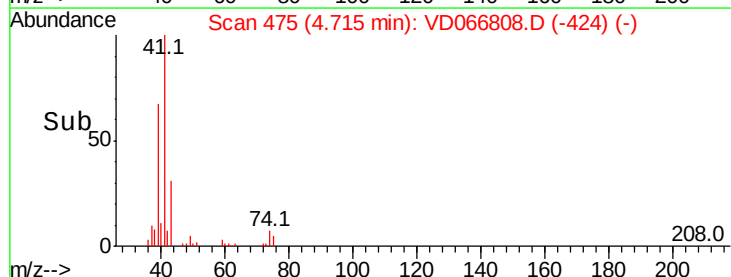
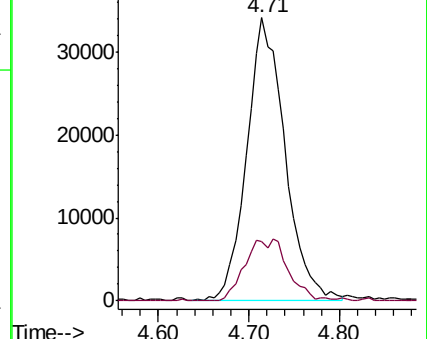
43 100

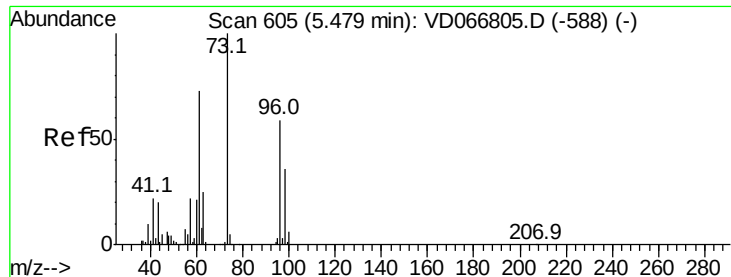
74 24.6 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



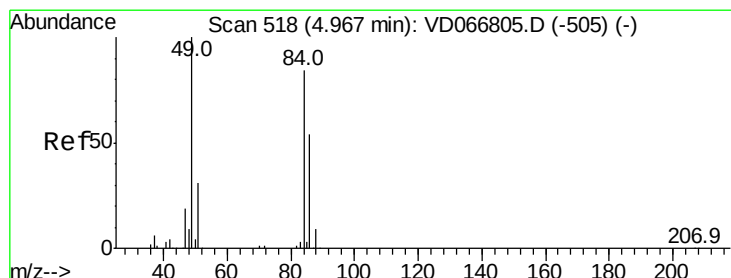
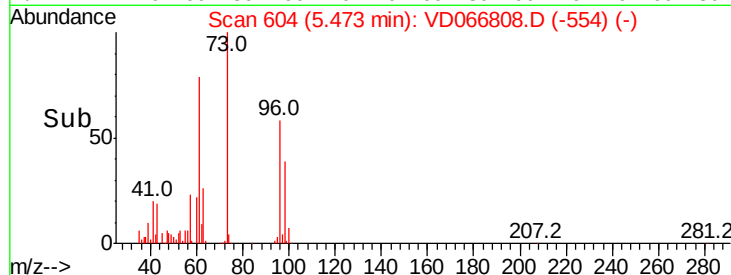
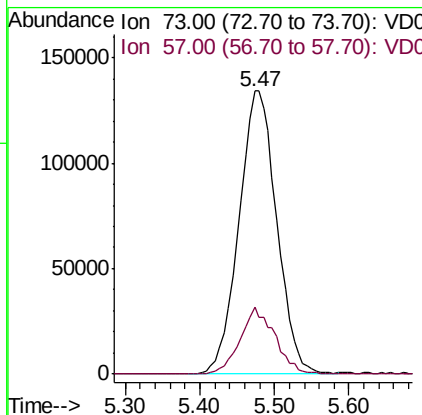
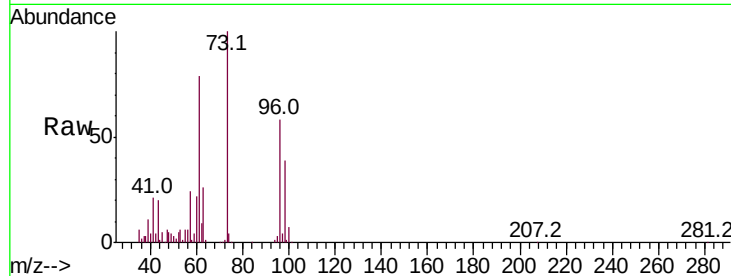


#19

Methyl tert-butyl Ether
 Concen: 52.545 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

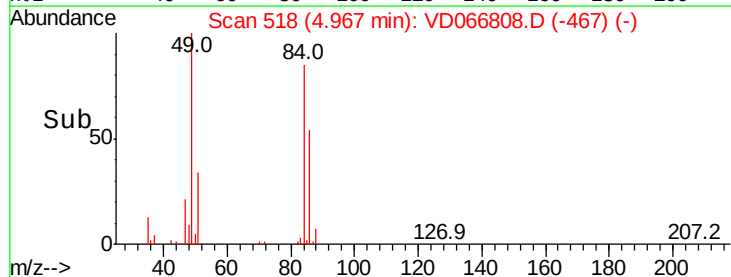
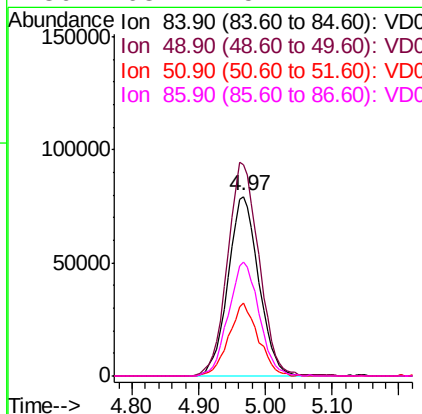
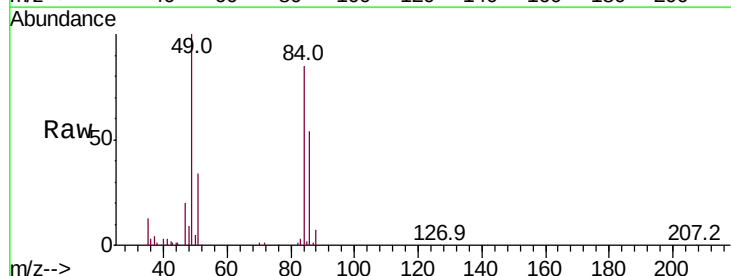
Tot Ion: 73 Resp: 471277
 Ion Ratio Lower Upper
 73 100
 57 23.7 17.4 26.2

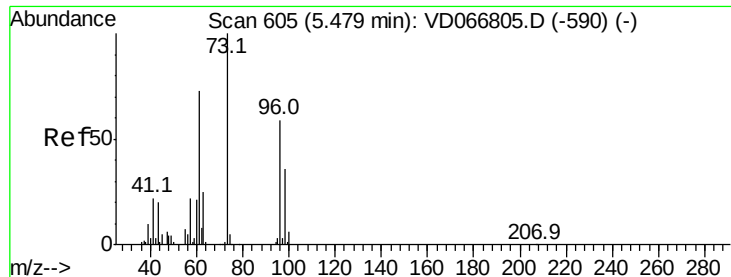


#20

Methylene Chloride
 Concen: 54.729 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion: 84 Resp: 256059
 Ion Ratio Lower Upper
 84 100
 49 117.7 95.4 143.2
 51 40.4 29.7 44.5
 86 63.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 51.168 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

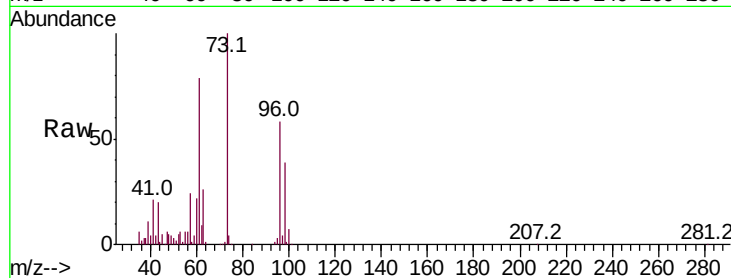
Tot Ion: 96 Resp: 244692

Ion Ratio Lower Upper

96 100

61 136.9 98.9 148.3

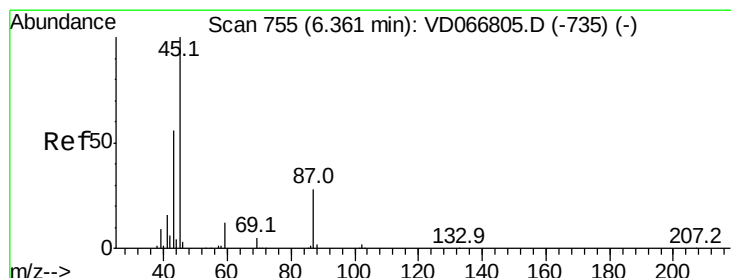
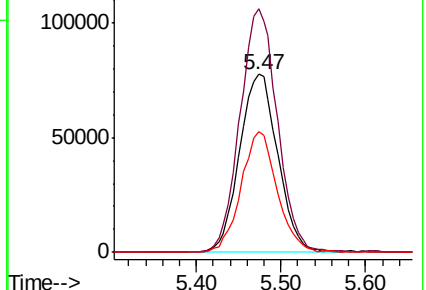
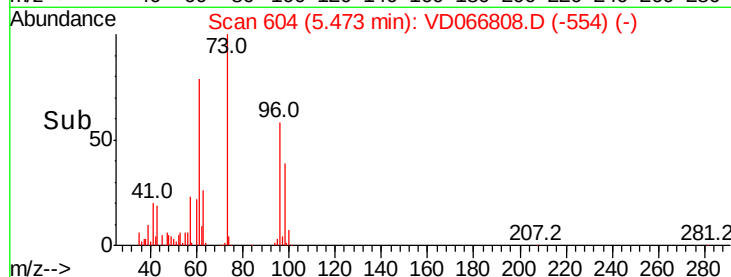
98 67.8 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 54.021 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Tgt Ion: 45 Resp: 673612

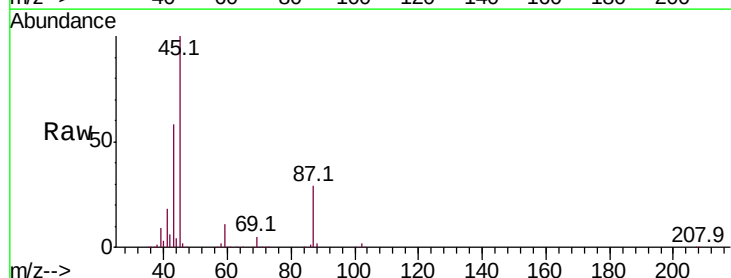
Ion Ratio Lower Upper

45 100

43 57.5 44.5 66.7

87 28.4 22.9 34.3

59 10.5 9.4 14.0

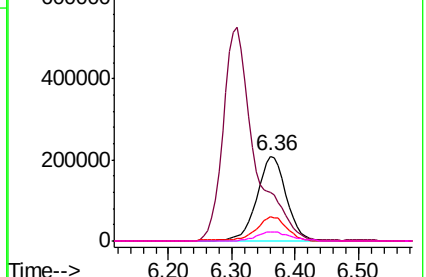
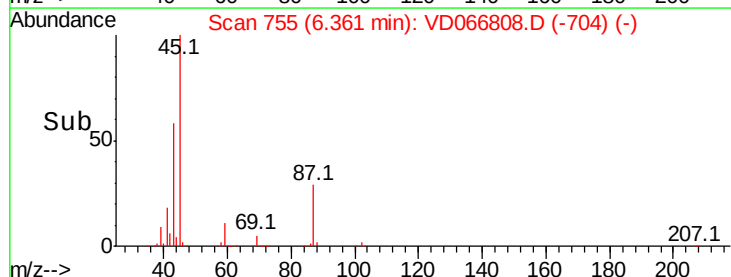


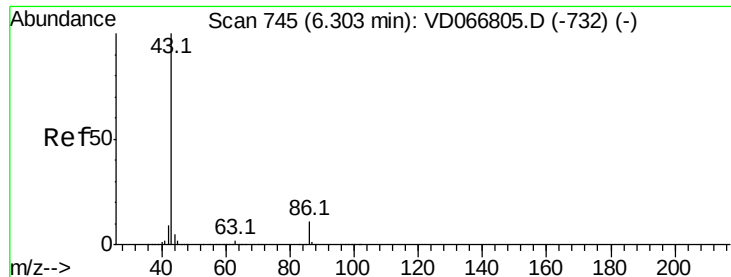
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 266.611 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

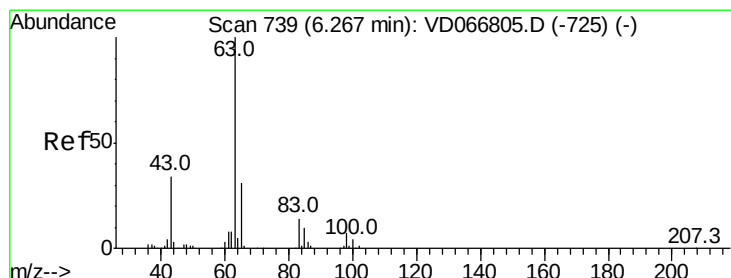
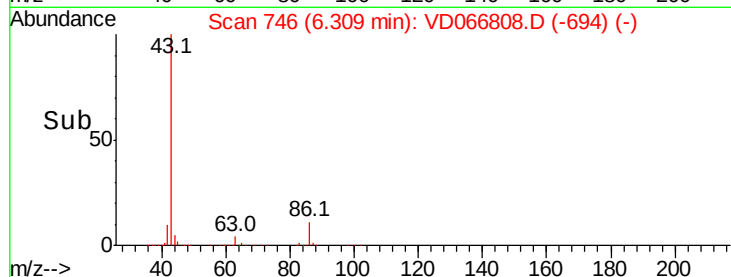
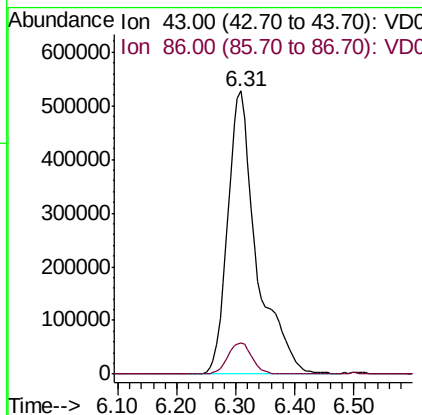
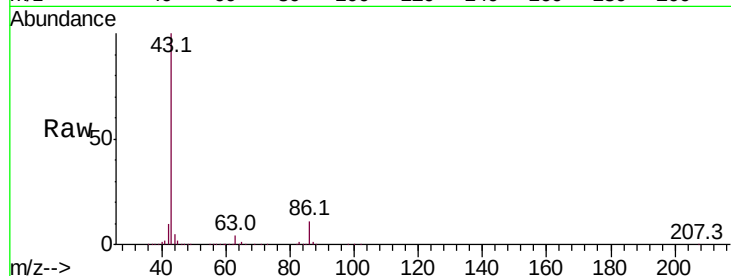
ICVVD092220

Tot Ion: 43 Resp: 1806171

Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3



#24

1,1-Dichloroethane

Concen: 50.812 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

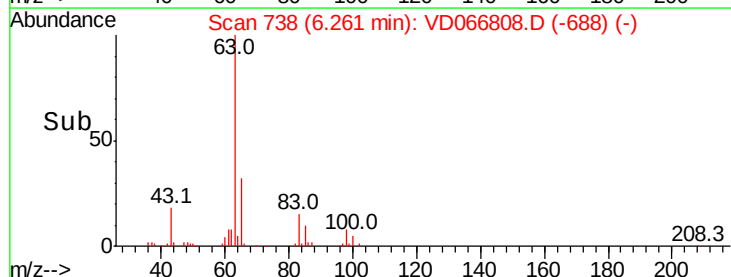
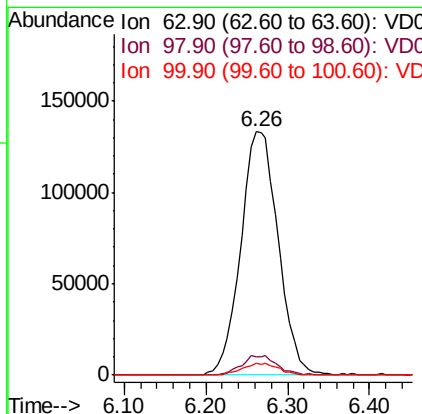
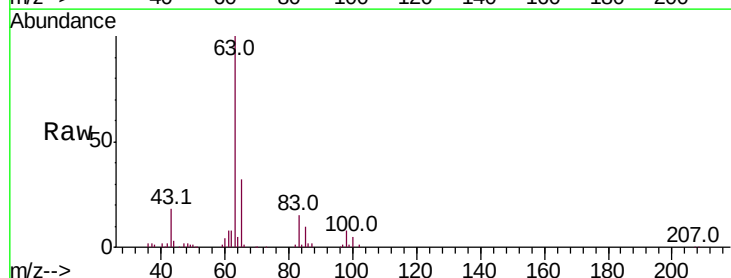
Tgt Ion: 63 Resp: 423864

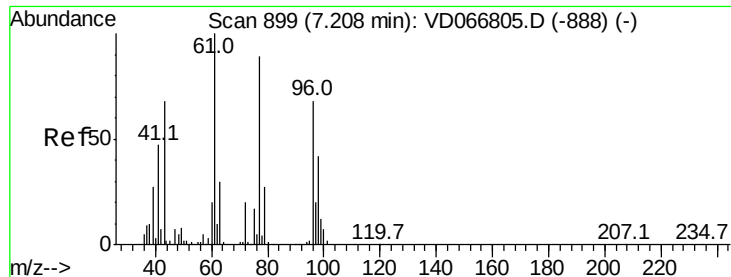
Ion Ratio Lower Upper

63 100

98 7.5 3.7 11.1

100 5.0 1.8 5.5





#25

2-Butanone

Concen: 252.951 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

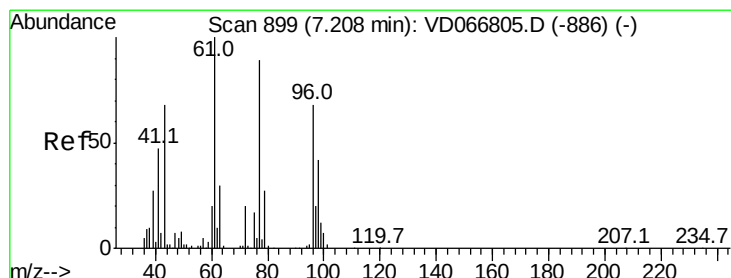
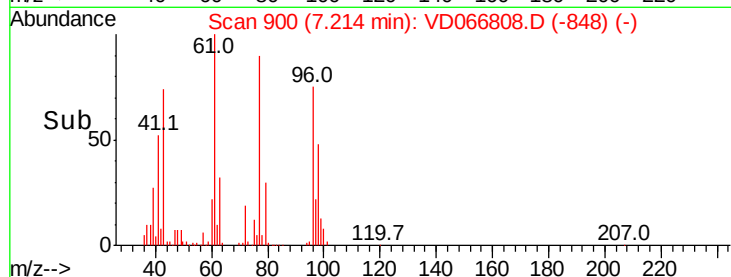
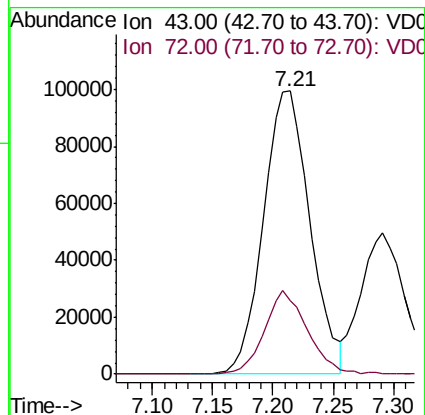
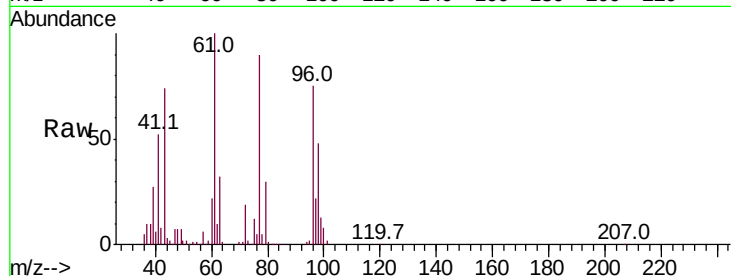
ICVVD092220

Tot Ion: 43 Resp: 266197

Ion Ratio Lower Upper

43 100

72 26.2 22.9 34.3



#26

2,2-Dichloropropane

Concen: 49.876 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066808.D

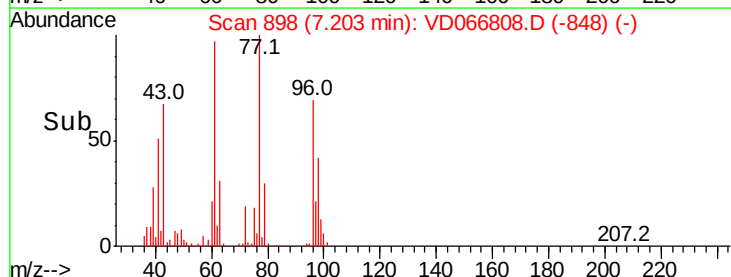
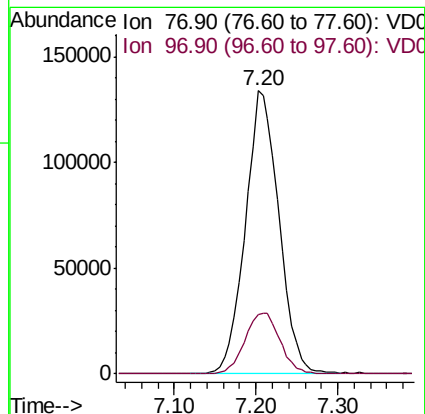
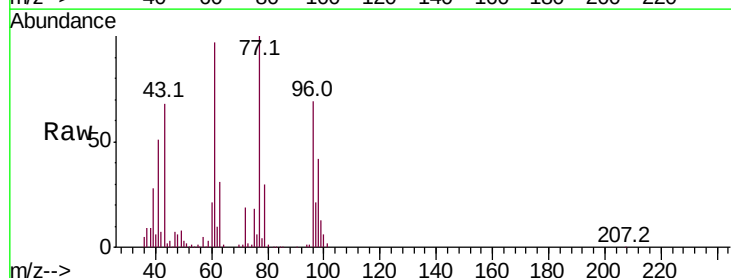
Acq: 22 Sep 2020 13:59

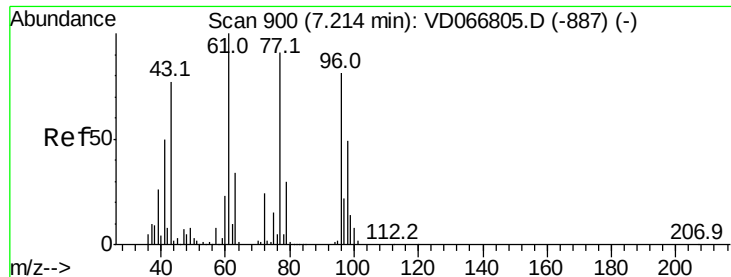
Tgt Ion: 77 Resp: 381342

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 51.917 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

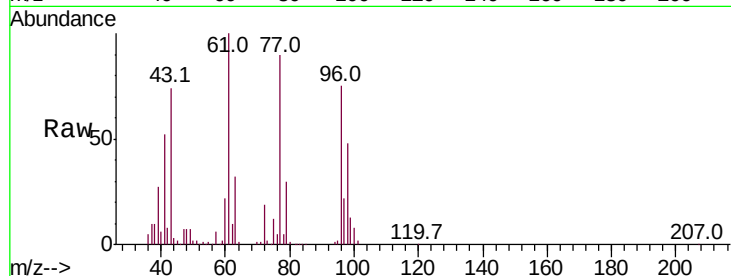
Tot Ion: 96 Resp: 269753

Ion Ratio Lower Upper

96 100

61 142.1 0.0 283.8

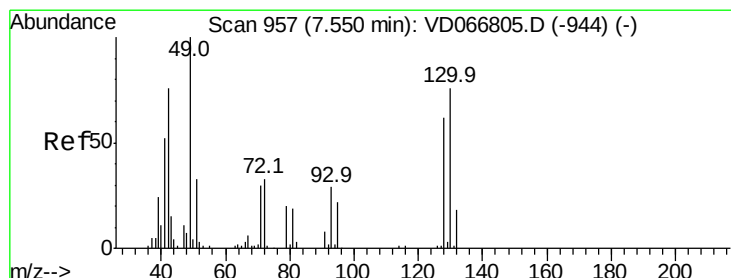
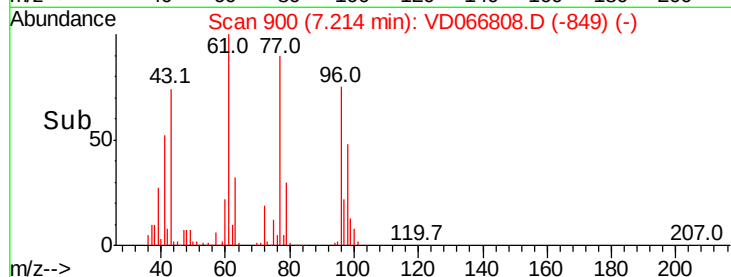
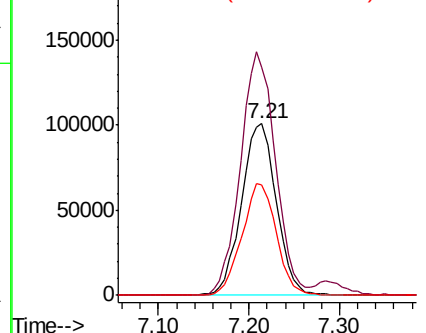
98 64.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 55.534 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

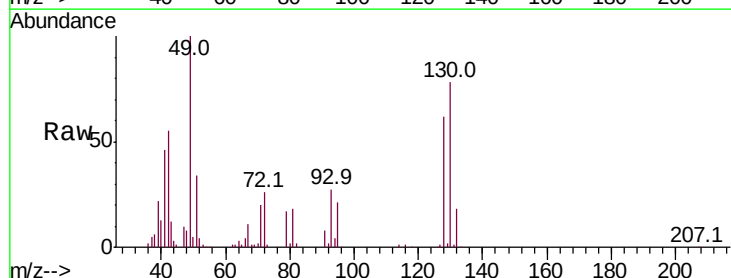
Tgt Ion: 49 Resp: 191381

Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.0#

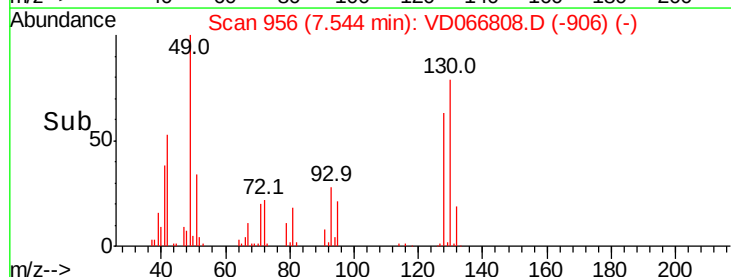
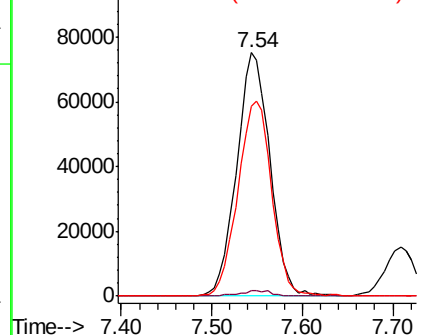
130 81.2 65.9 98.9

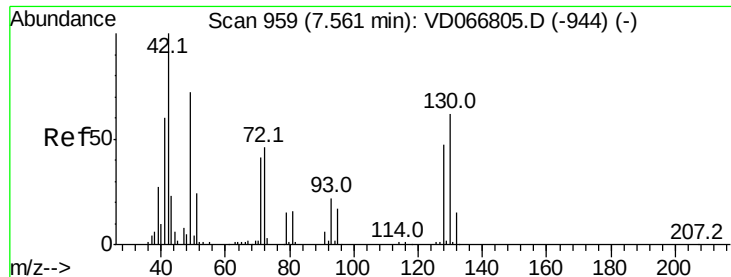


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

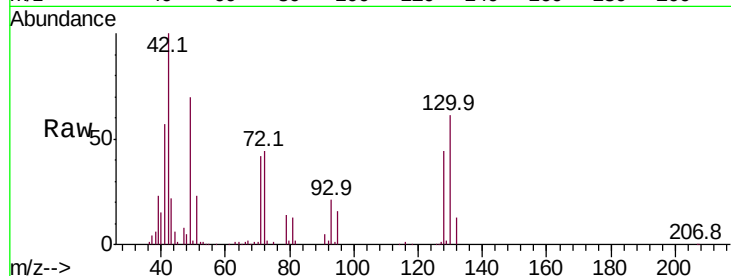




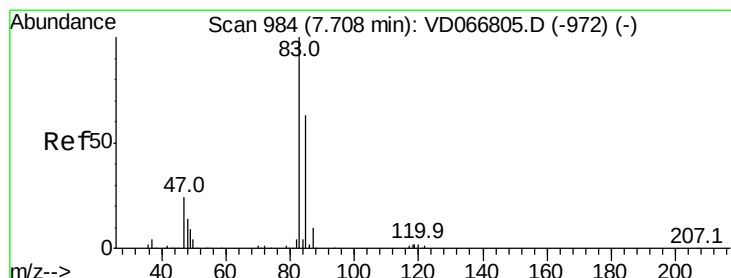
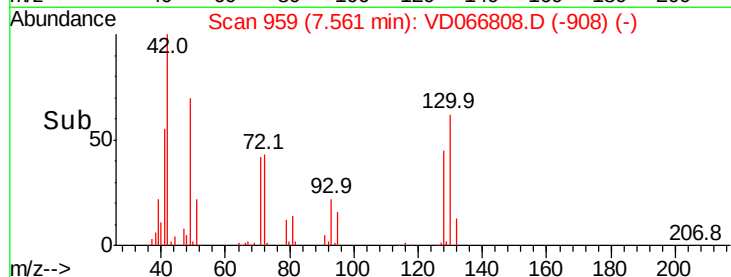
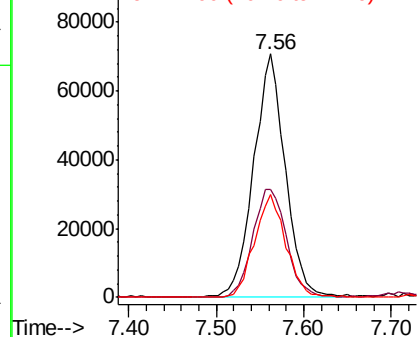
#29
Tetrahydrofuran
Concen: 259.696 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion: 42 Resp: 175114
Ion Ratio Lower Upper
42 100
72 47.0 36.2 54.4
71 41.4 32.4 48.6

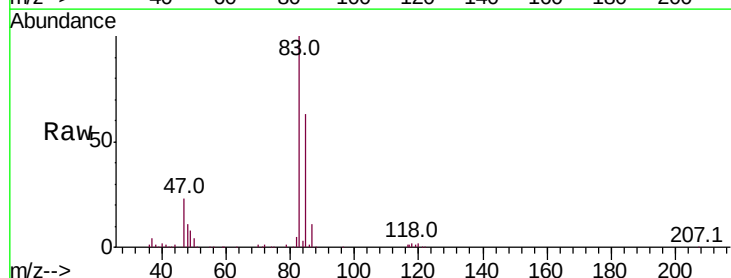


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

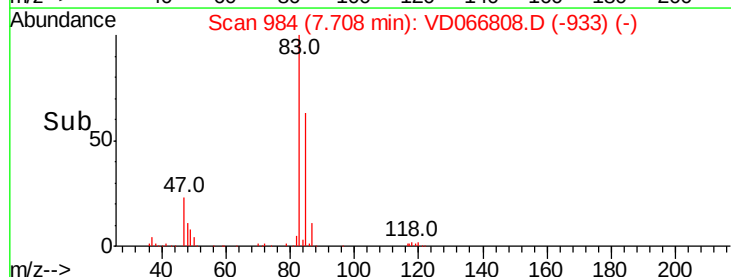
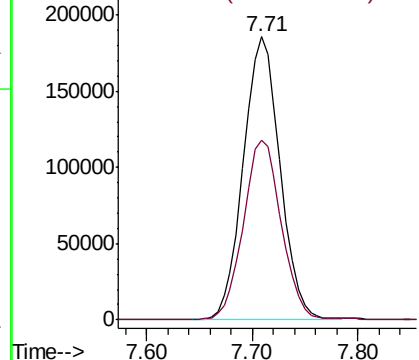


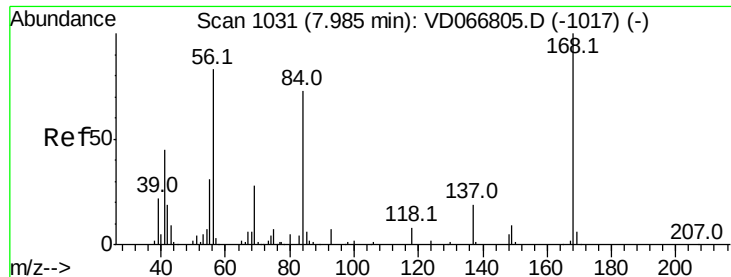
#30
Chloroform
Concen: 49.893 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion: 83 Resp: 448638
Ion Ratio Lower Upper
83 100
85 63.4 50.6 75.8



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

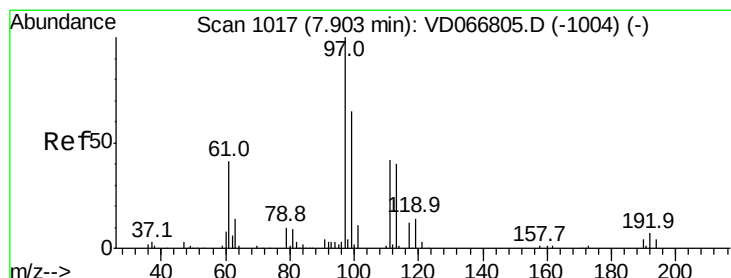
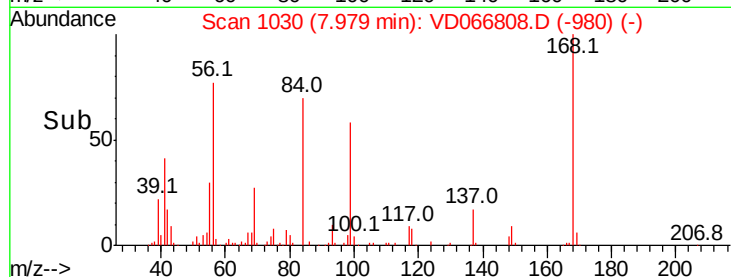
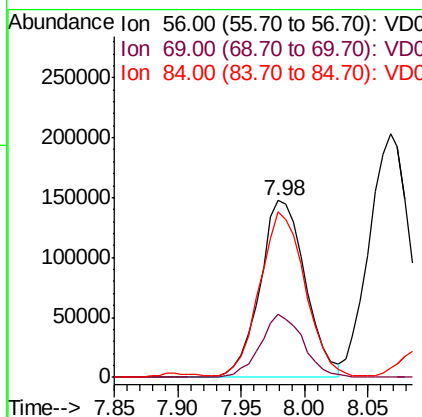
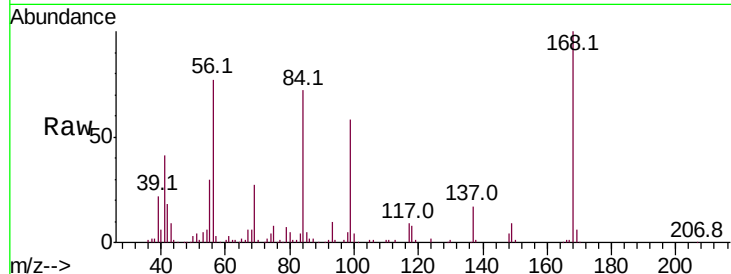




#31
Cyclohexane
Concen: 49.088 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

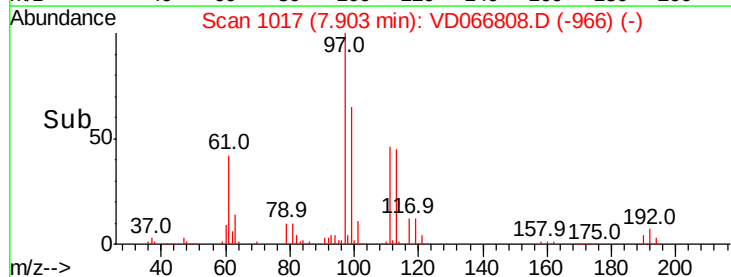
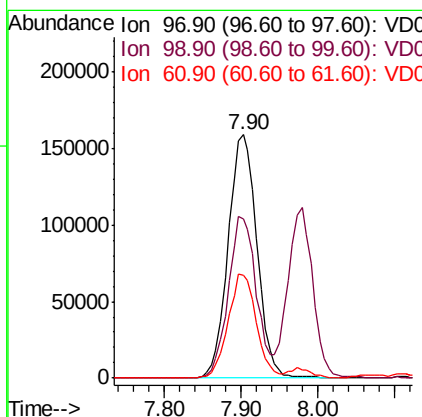
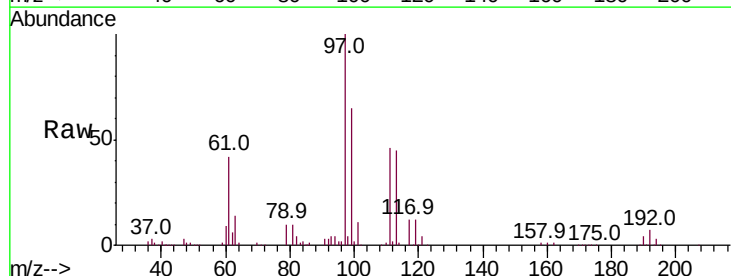
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

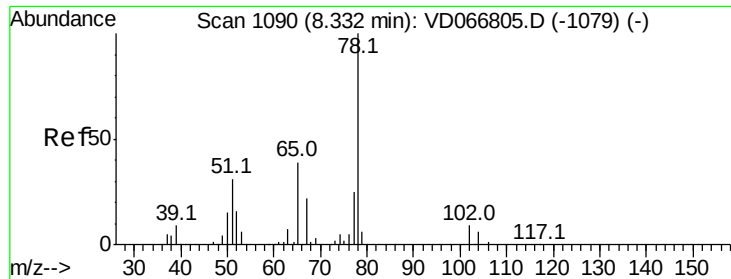
Tot Ion: 56 Resp: 368453
Ion Ratio Lower Upper
56 100
69 35.6 27.0 40.4
84 91.4 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 51.150 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion: 97 Resp: 416066
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 41.9 34.2 51.4

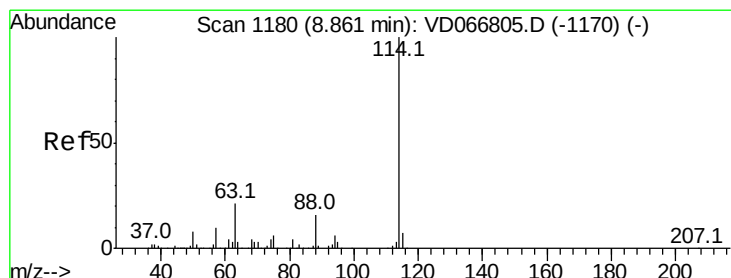
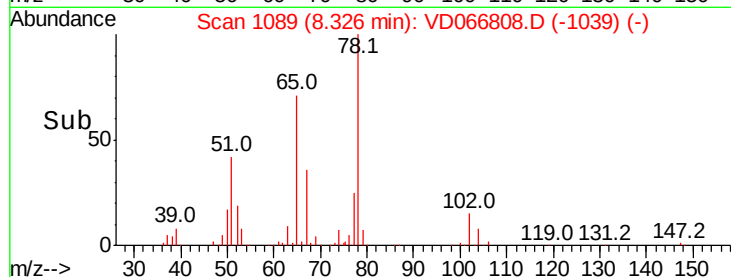
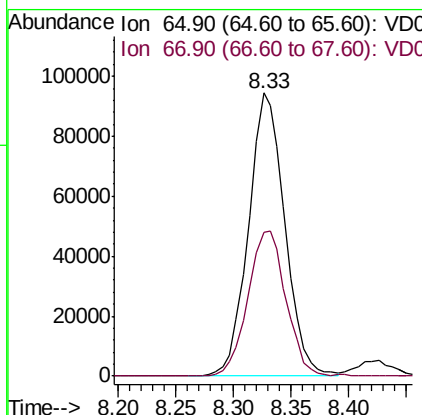
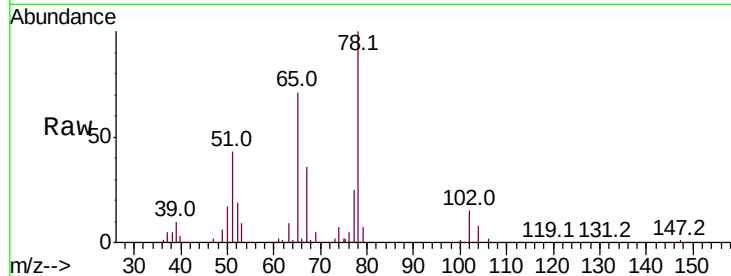




#33
 1,2-Dichloroethane-d4
 Concen: 50.166 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

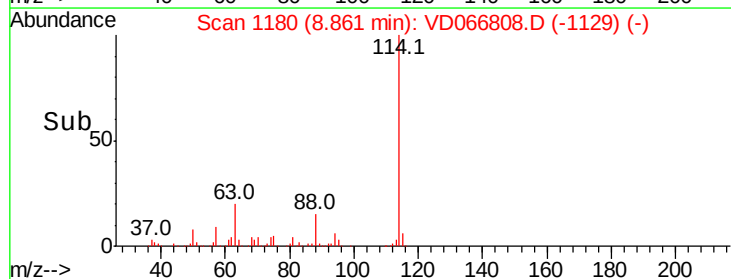
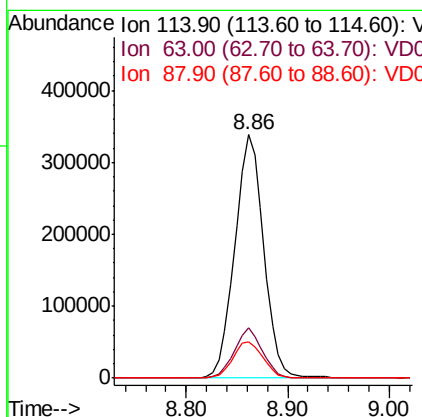
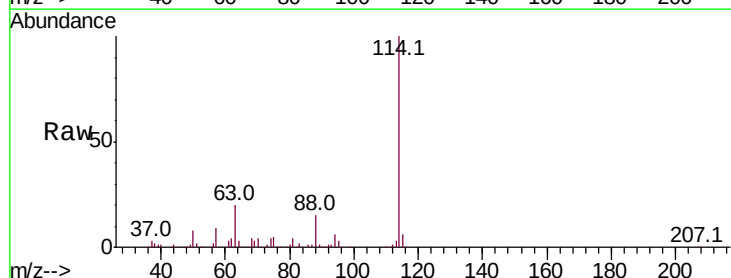
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

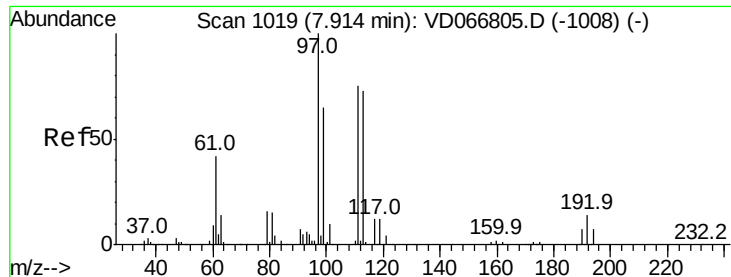
Tot Ion: 65 Resp: 207091
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion:114 Resp: 668339
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.691 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

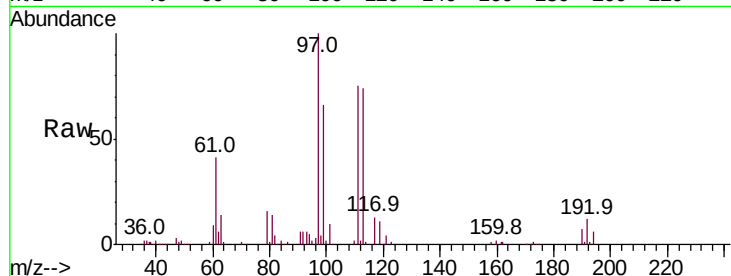
Tot Ion:113 Resp: 219789

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 17.9 14.4 21.6

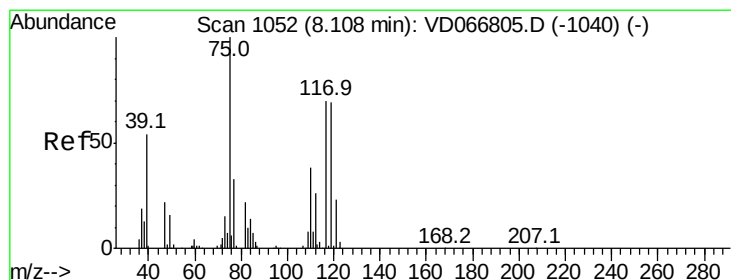
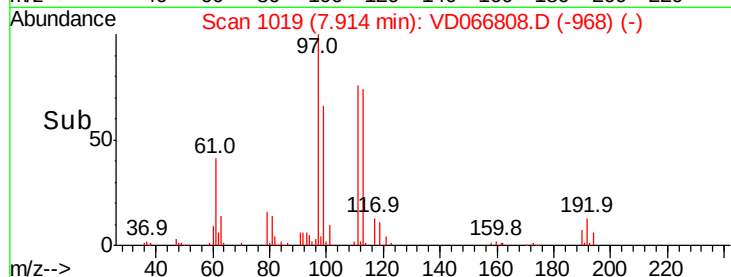
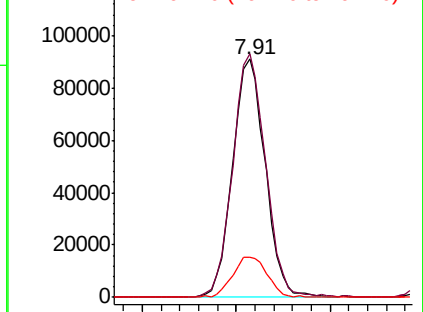


Abundance

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: 51.672 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

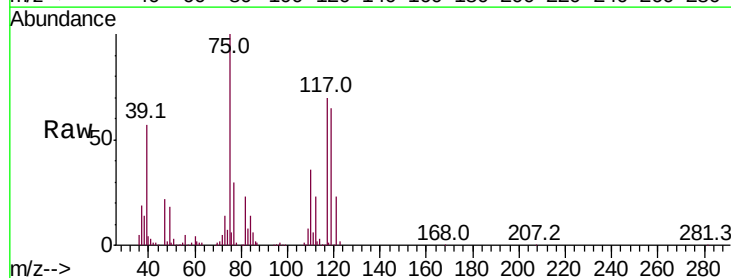
Tgt Ion: 75 Resp: 342608

Ion Ratio Lower Upper

75 100

110 36.8 17.9 53.8

77 31.0 25.0 37.6

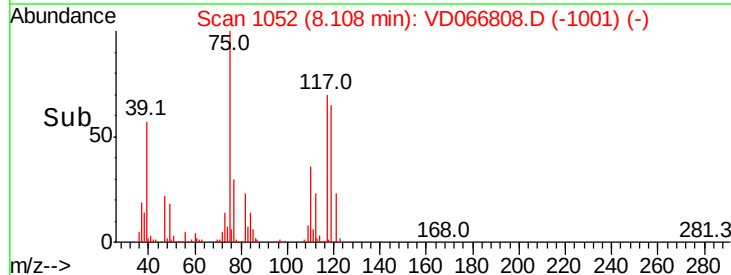
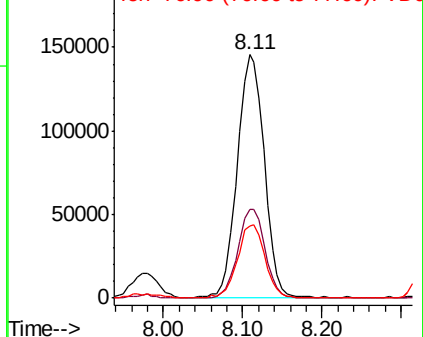


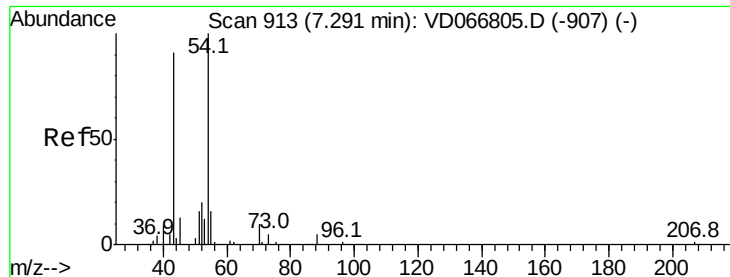
Abundance

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

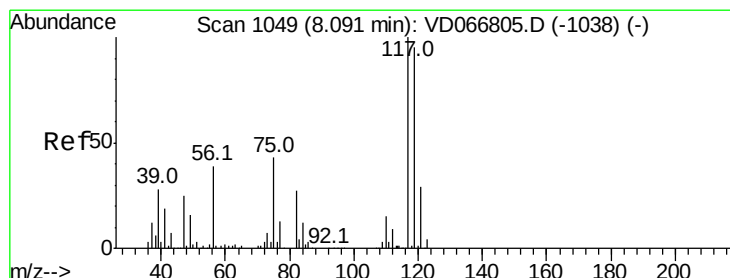
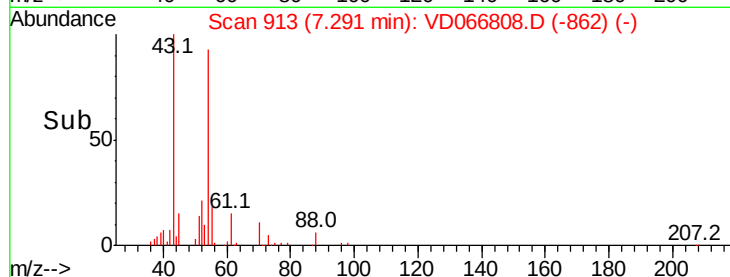
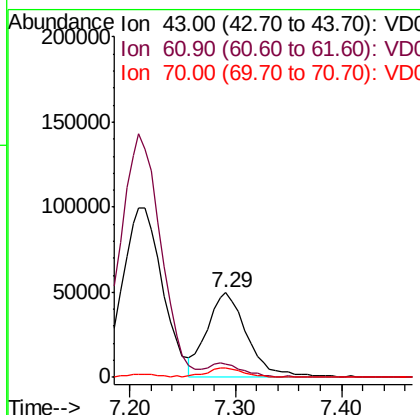
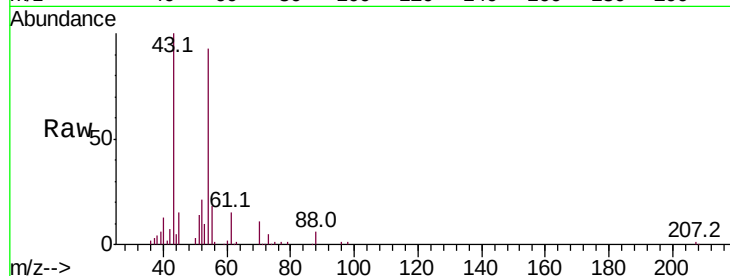




#37
Ethyl Acetate
Concen: 53.770 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

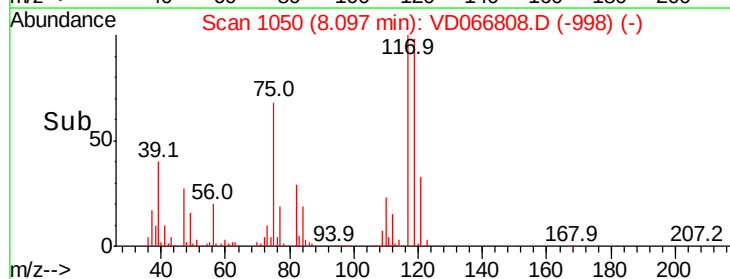
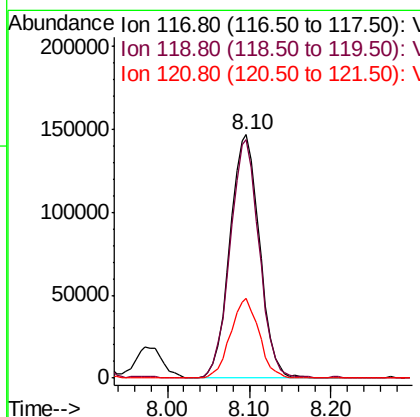
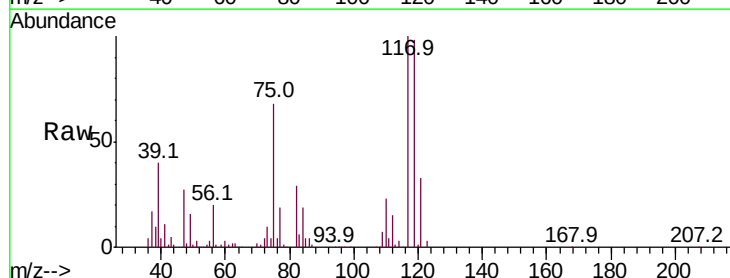
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

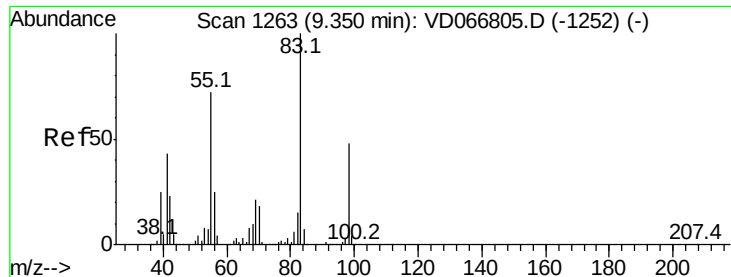
Tot Ion: 43 Resp: 128884
Ion Ratio Lower Upper
43 100
61 13.7 9.8 14.8
70 10.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 50.873 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion: 117 Resp: 368779
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.8
121 33.0 23.4 35.0

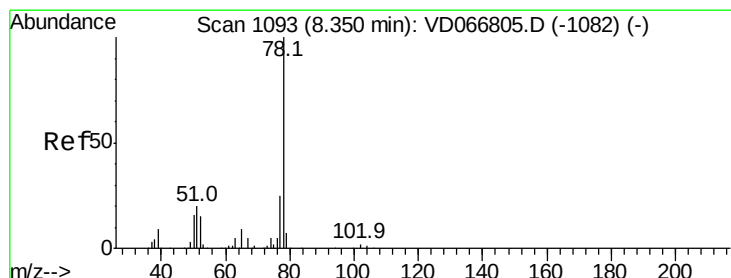
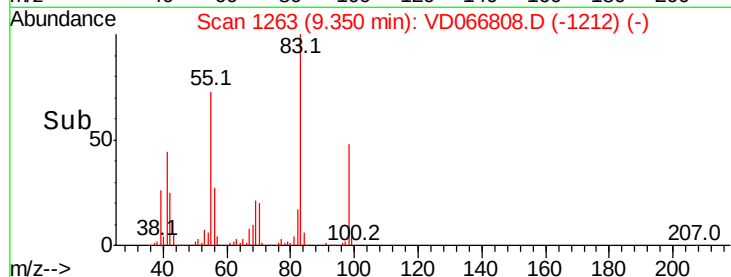
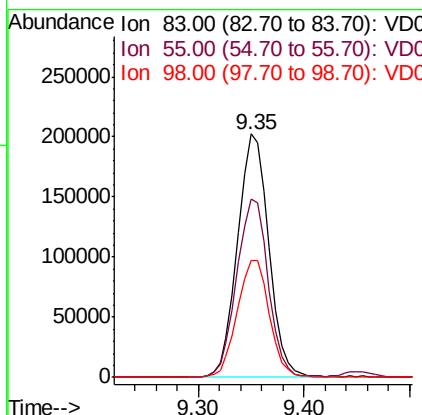
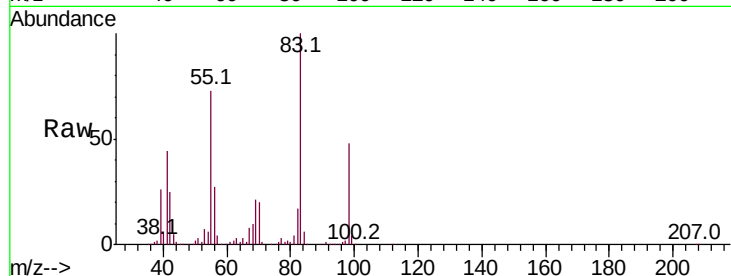




#39
Methylvlcyclohexane
Concen: 54.643 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

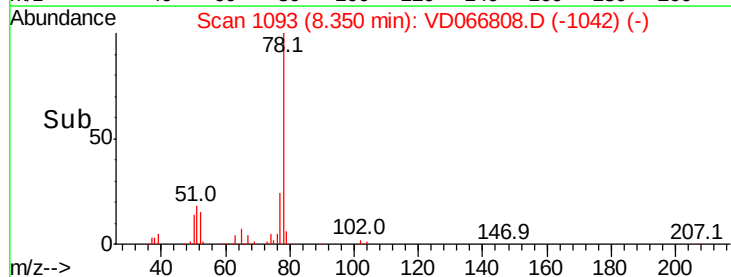
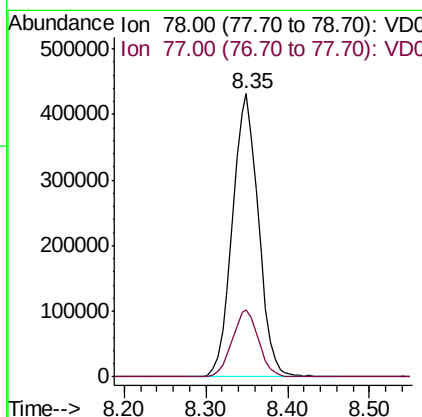
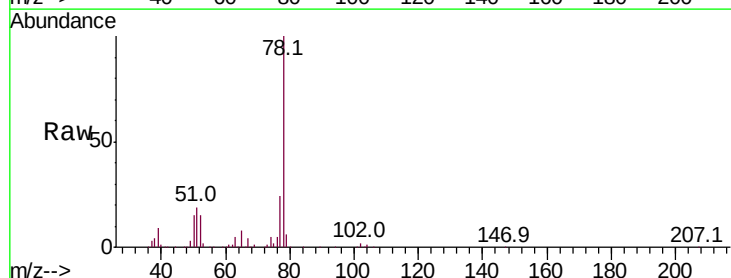
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

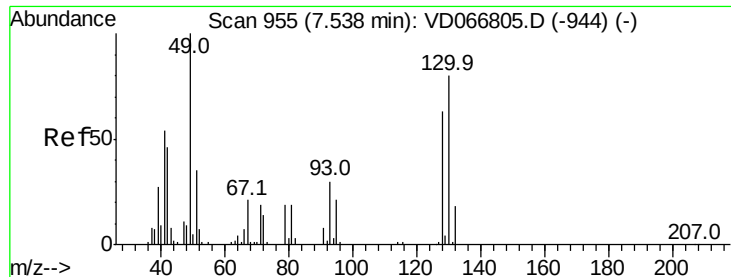
Tot Ion	83	Resp	415987
Ion Ratio	Lower	Upper	
83	100		
55	73.5	57.7	86.5
98	48.1	38.4	57.6



#40
Benzene
Concen: 51.751 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	78	Resp	956307
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.9	29.9

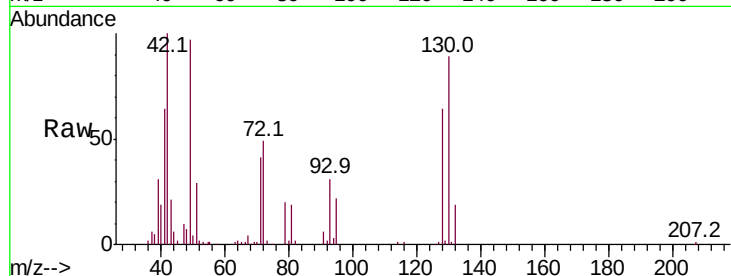




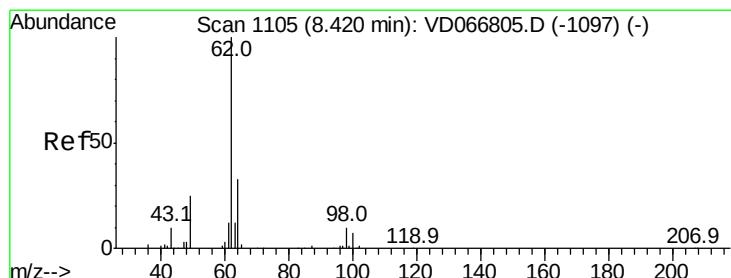
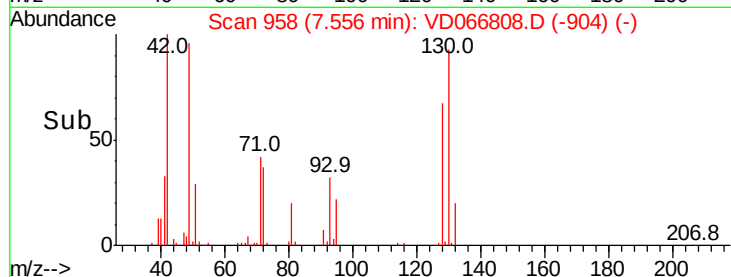
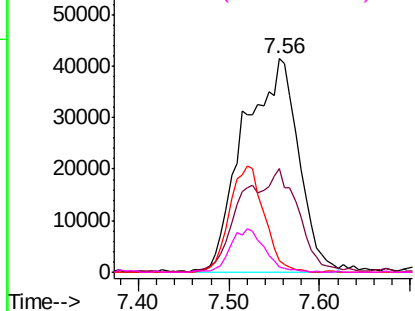
#41
Methacrylonitrile
Concen: 117.473 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.02 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion:	41	Resp:	173162
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

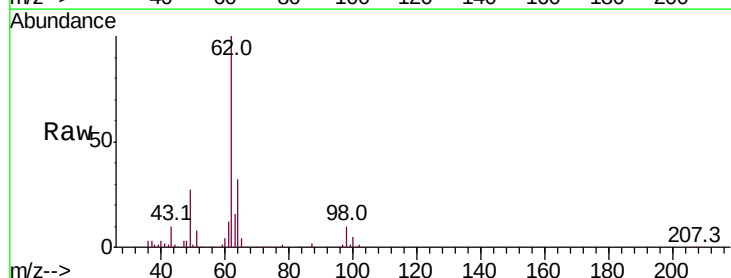


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

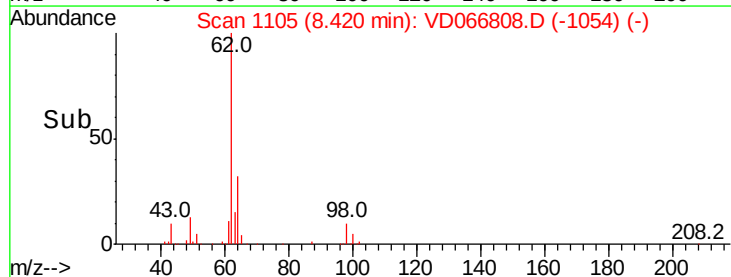
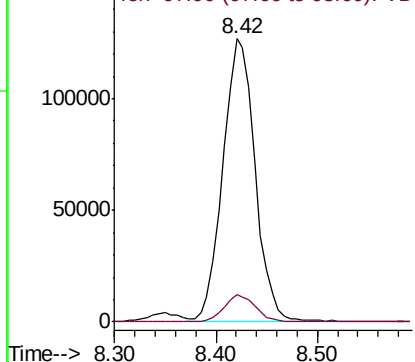


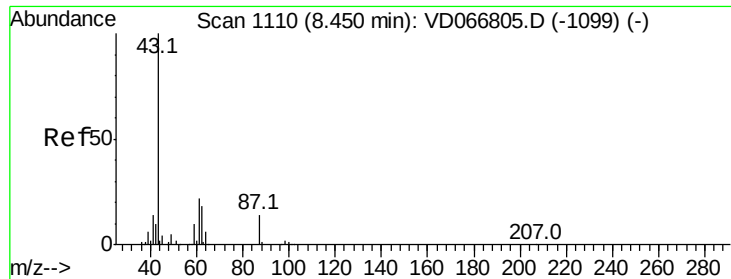
#42
1,2-Dichloroethane
Concen: 51.146 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion:	62	Resp:	279406
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.8



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





#43

Isopropyl Acetate

Concen: 51.817 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

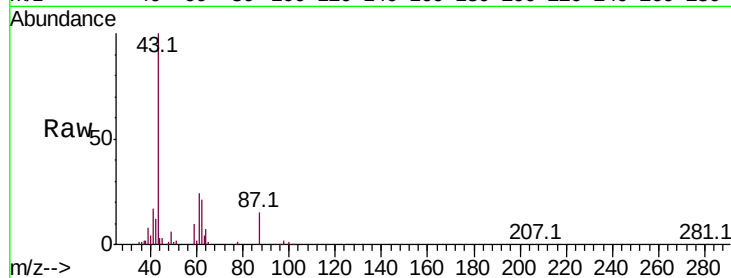
Tot Ion: 43 Resp: 239461

Ion Ratio Lower Upper

43 100

61 31.5 26.2 39.4

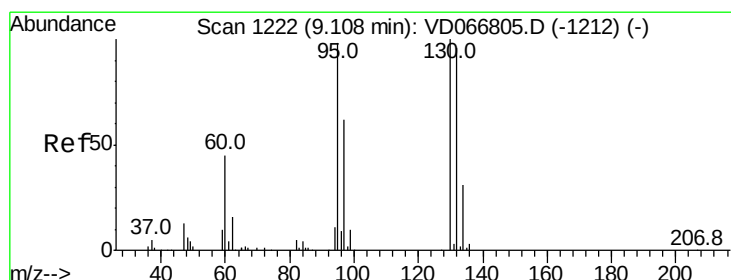
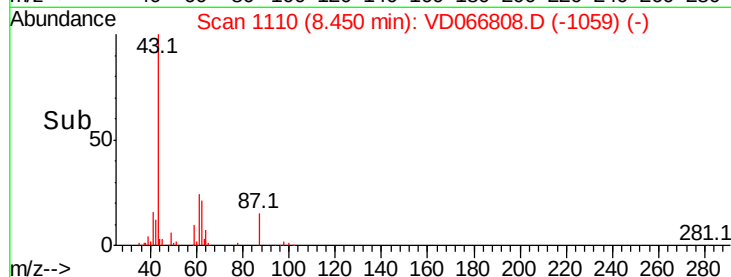
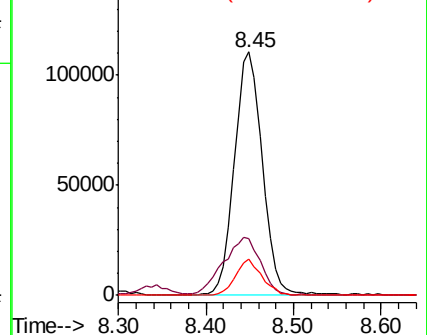
87 14.1 11.5 17.3



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: 49.845 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066808.D

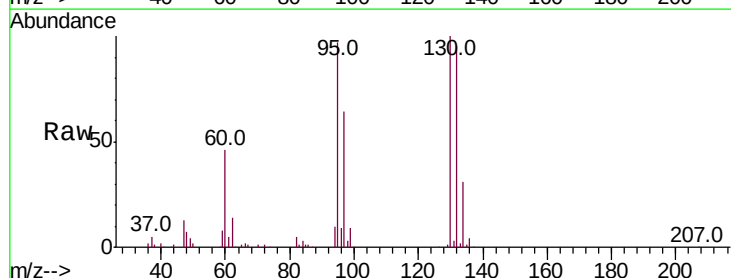
Acq: 22 Sep 2020 13:59

Tgt Ion:130 Resp: 262540

Ion Ratio Lower Upper

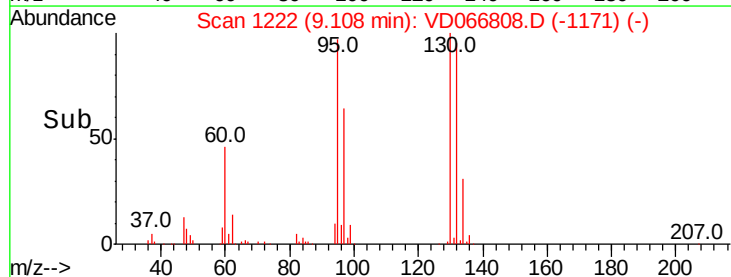
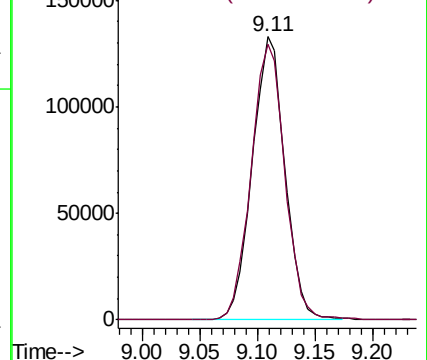
130 100

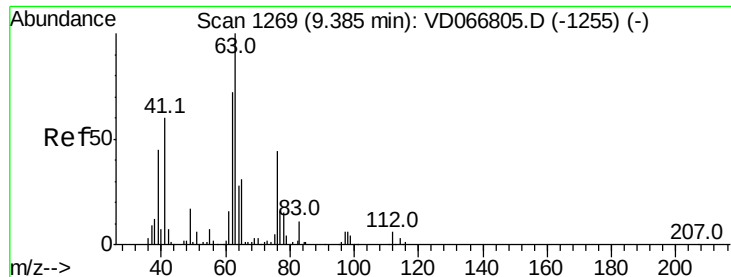
95 97.3 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.438 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

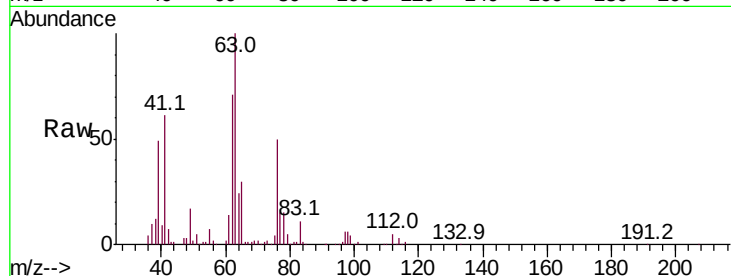
ICVVD092220

Tot Ion: 63 Resp: 234503

Ion Ratio Lower Upper

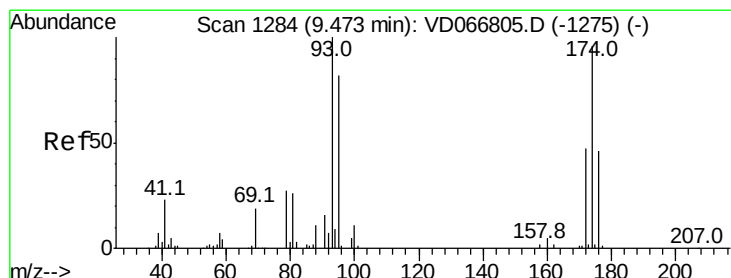
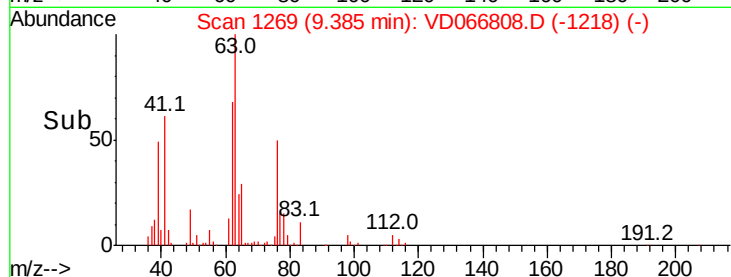
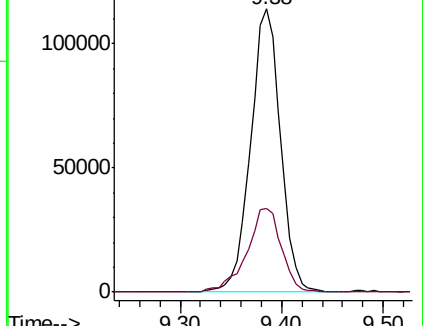
63 100

65 29.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 51.783 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

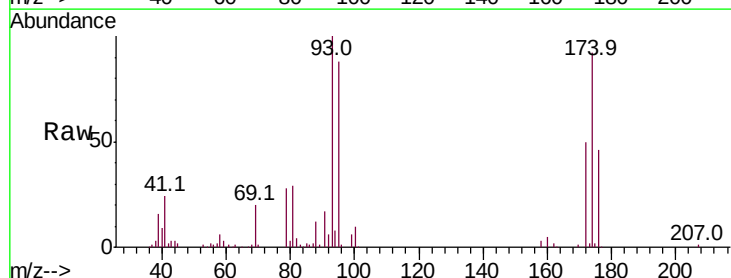
Tgt Ion: 93 Resp: 130809

Ion Ratio Lower Upper

93 100

95 83.2 65.3 97.9

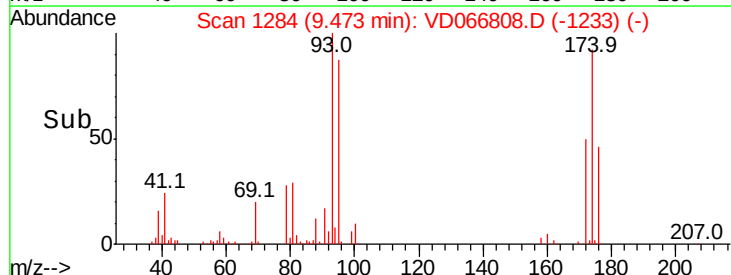
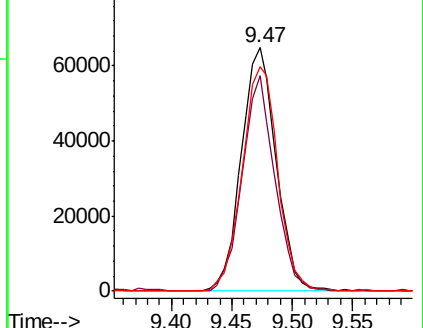
174 94.7 75.4 113.2

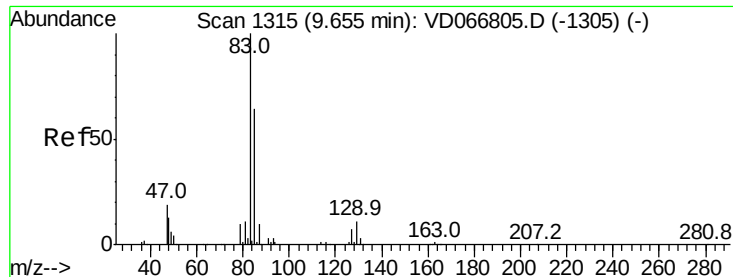


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.994 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

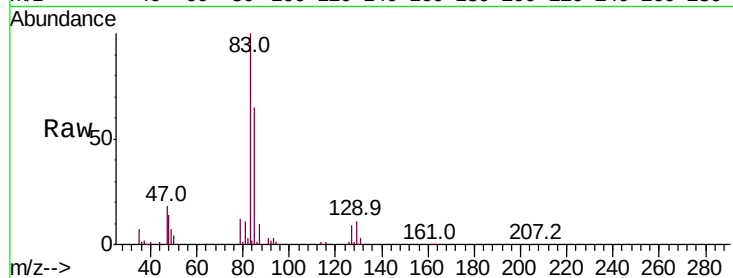
Tot Ion: 83 Resp: 346043

Ion Ratio Lower Upper

83 100

85 65.2 50.9 76.3

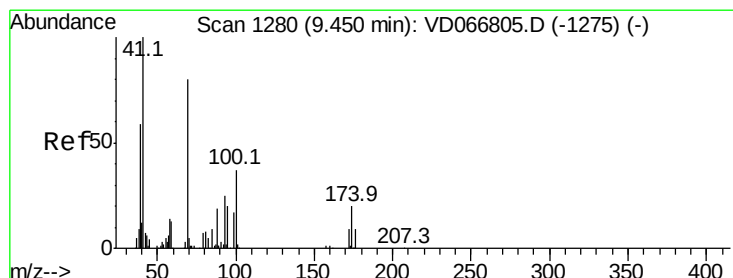
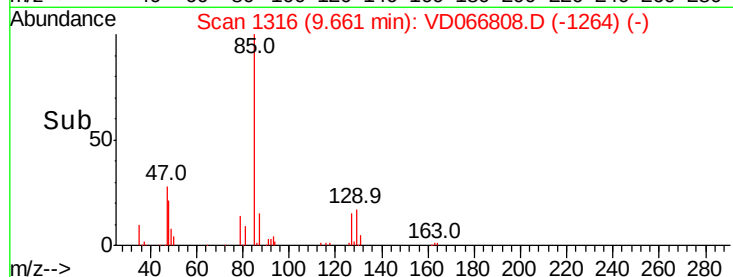
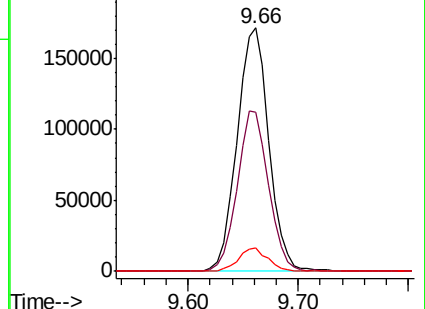
127 9.4 5.9 8.9#



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: 57.812 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

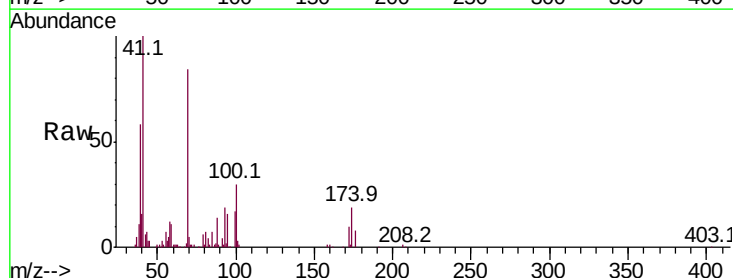
Tgt Ion: 41 Resp: 131722

Ion Ratio Lower Upper

41 100

69 80.6 74.5 111.7

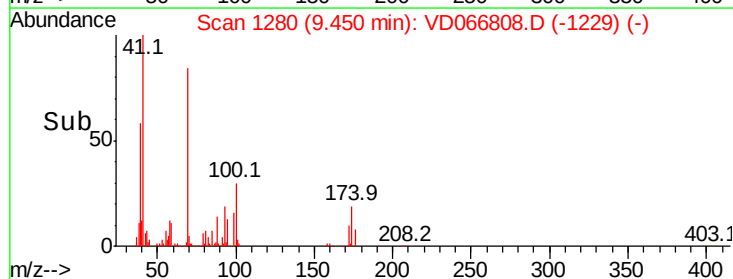
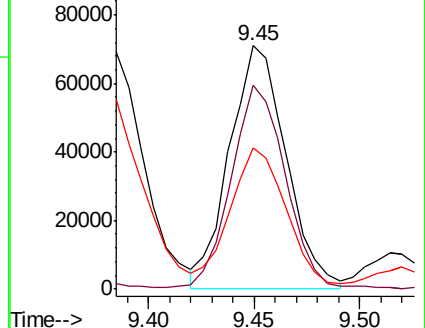
39 53.5 47.0 70.6

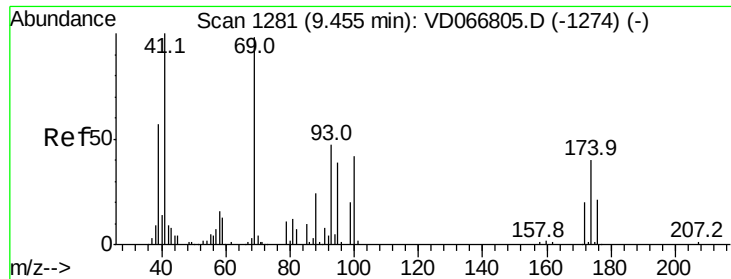


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 995.480 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

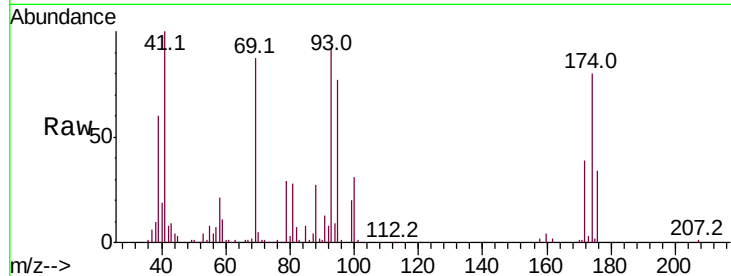
Tot Ion: 88 Resp: 28531

Ion Ratio Lower Upper

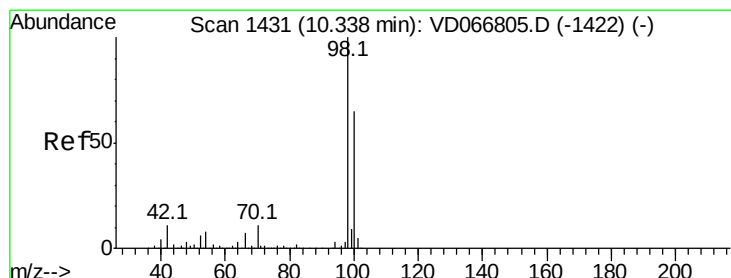
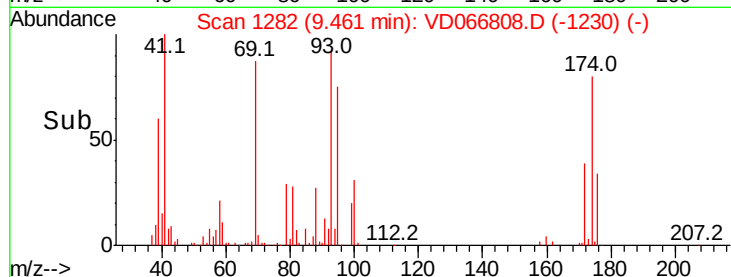
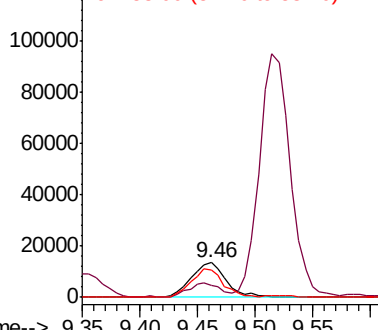
88 100

43 35.4 27.7 41.5

58 75.8 55.5 83.3



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



#50

Toluene-d8

Concen: 54.055 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066808.D

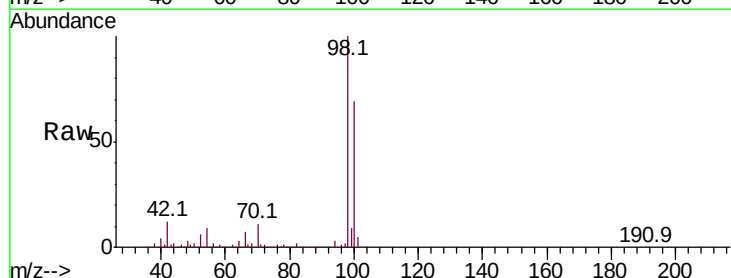
Acq: 22 Sep 2020 13:59

Tgt Ion: 98 Resp: 783107

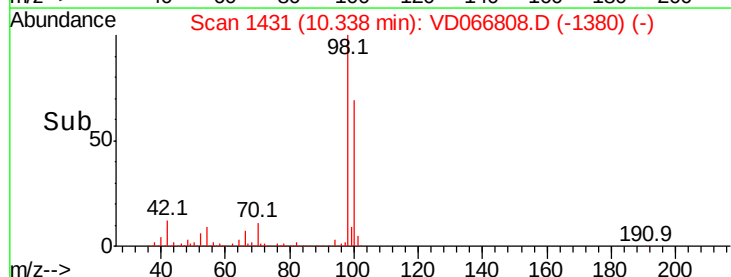
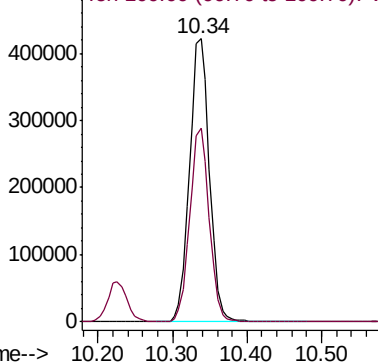
Ion Ratio Lower Upper

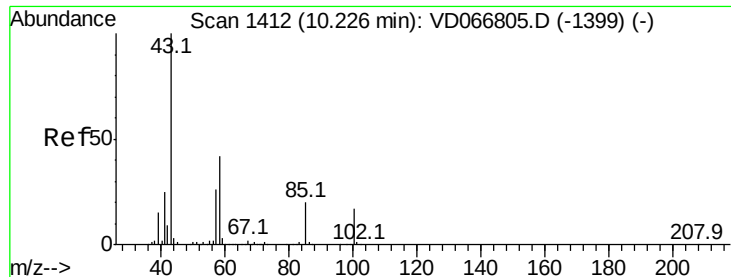
98 100

100 66.9 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 267.459 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

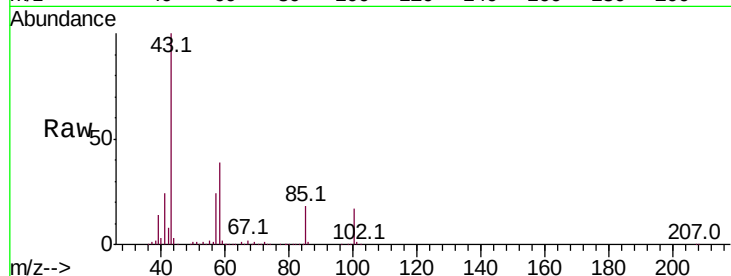
ICVVD092220

Tot Ion: 43 Resp: 626282

Ion Ratio Lower Upper

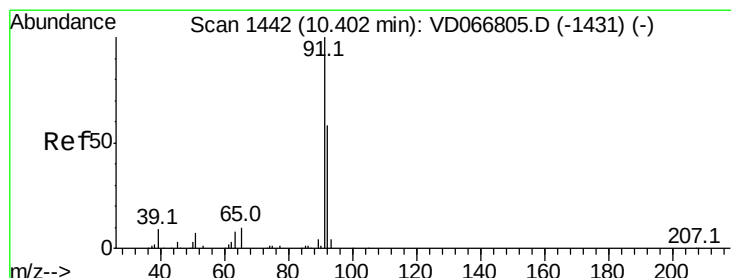
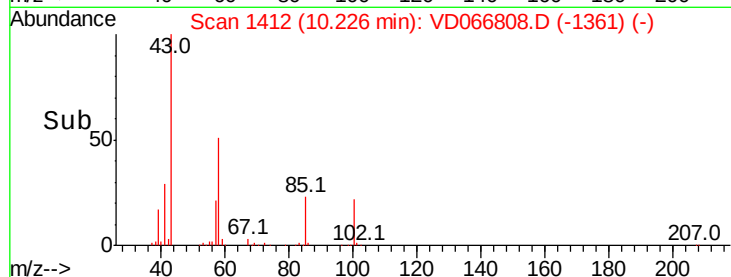
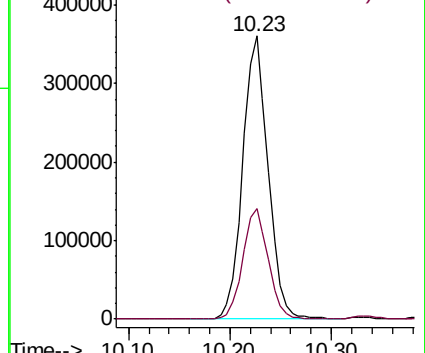
43 100

58 39.3 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 52.890 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066808.D

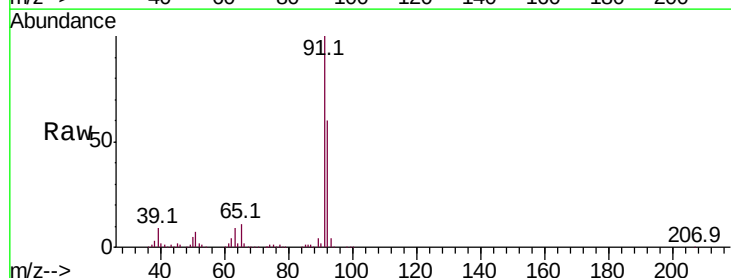
Acq: 22 Sep 2020 13:59

Tgt Ion: 92 Resp: 629543

Ion Ratio Lower Upper

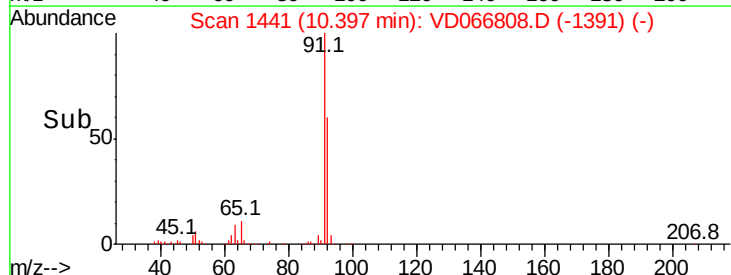
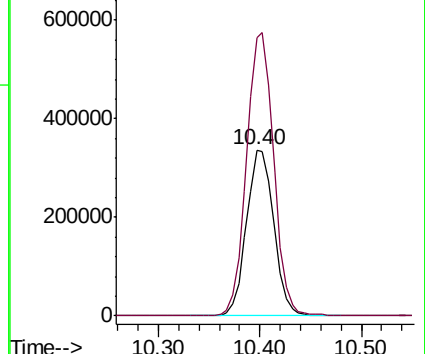
92 100

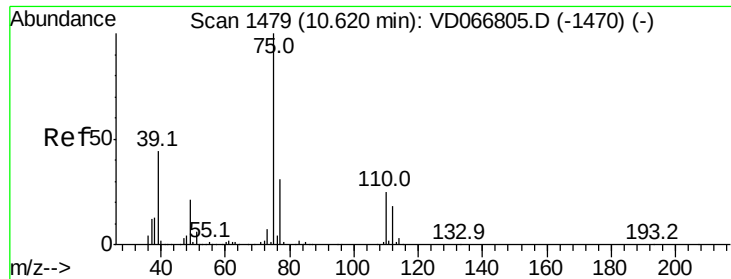
91 169.5 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 53.522 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

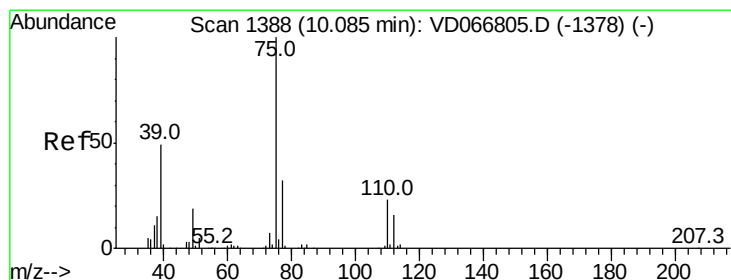
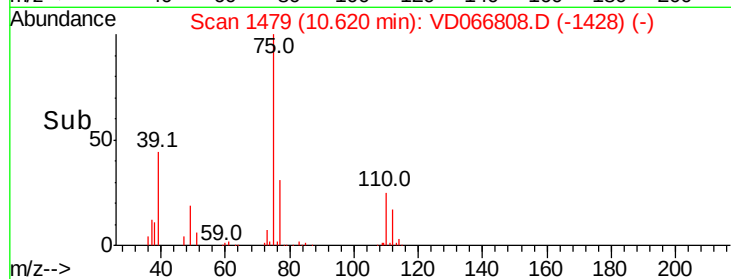
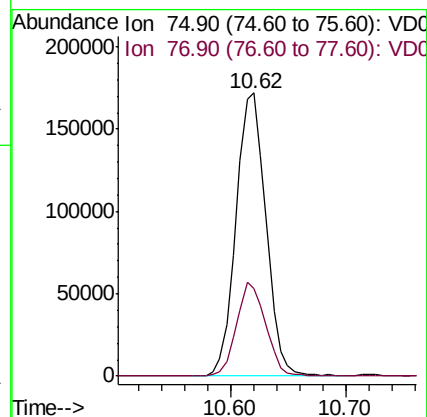
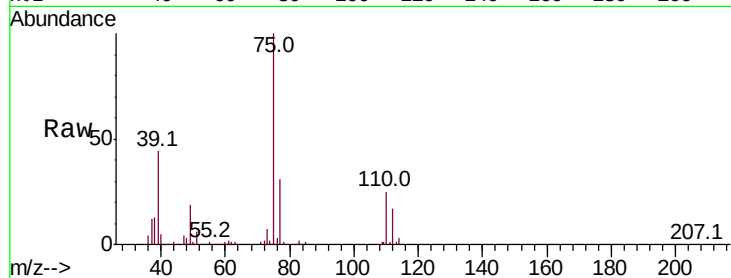
ICVVD092220

Tot Ion: 75 Resp: 309131

Ion Ratio Lower Upper

75 100

77 31.1 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 52.296 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

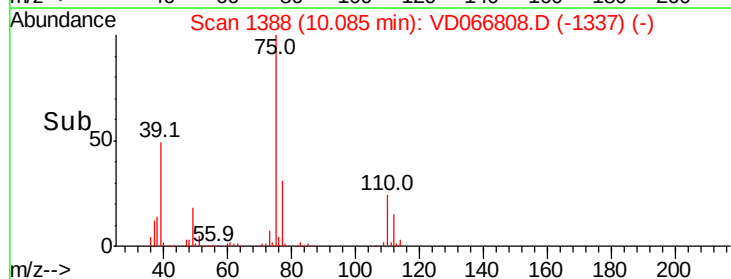
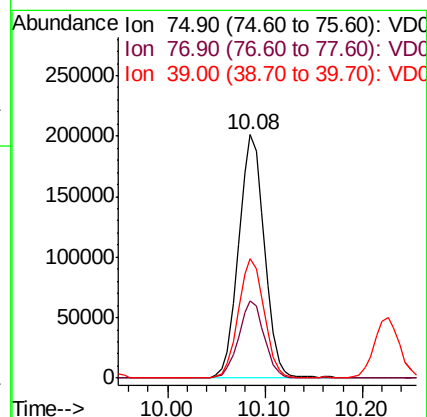
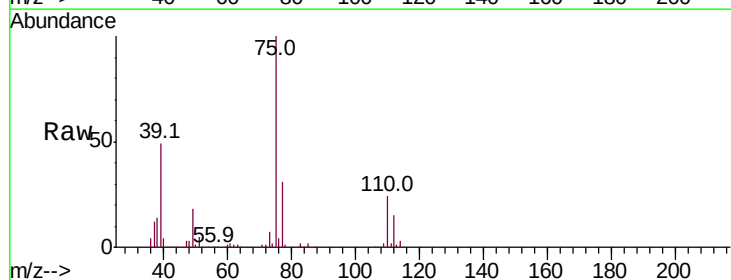
Tgt Ion: 75 Resp: 368300

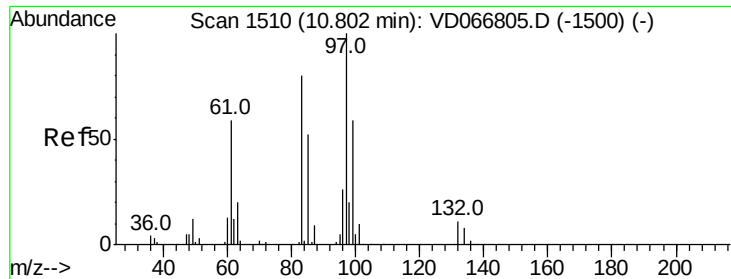
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 48.9 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 50.324 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

Tot Ion: 97 Resp: 174757

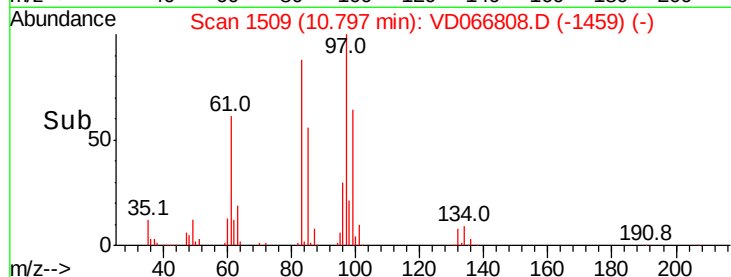
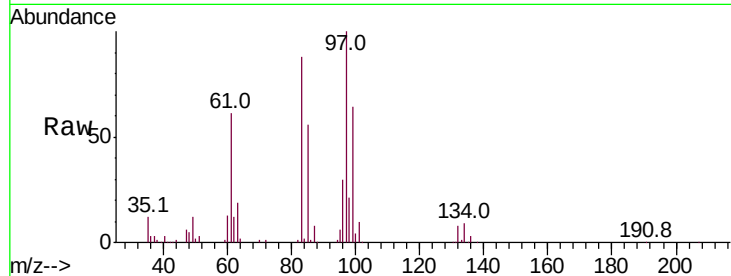
Ion	Ratio	Lower	Upper
97	100		
83	88.4	64.2	96.2
85	55.9	41.9	62.9
99	63.6	47.5	71.3

97 100

83 88.4 64.2 96.2

85 55.9 41.9 62.9

99 63.6 47.5 71.3

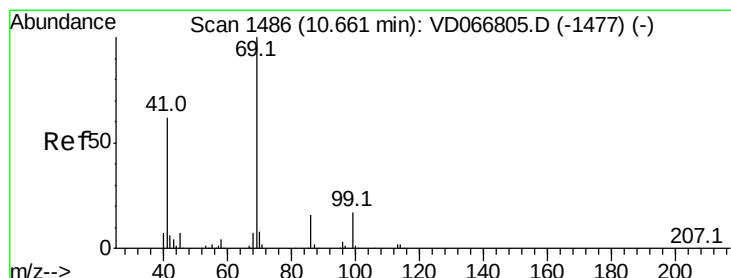
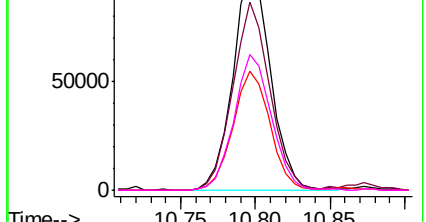


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 54.594 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

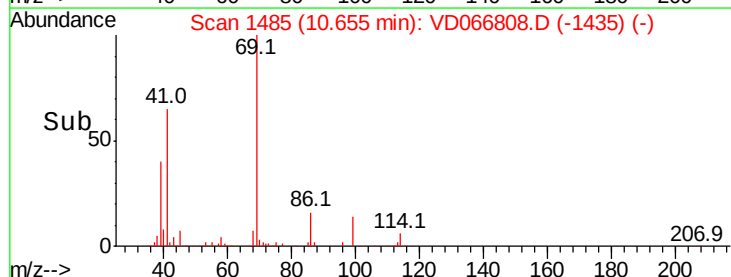
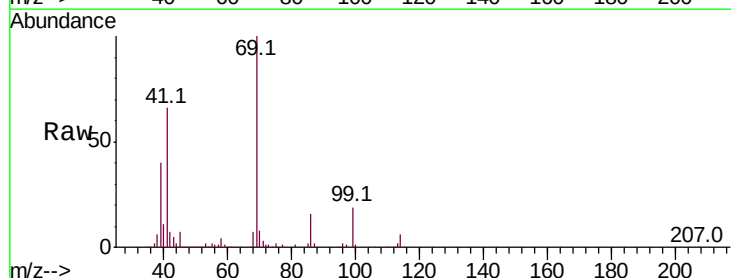
Tgt Ion: 69 Resp: 203099

Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.2	78.2
39	38.7	26.6	40.0

69 100

41 65.5 52.2 78.2

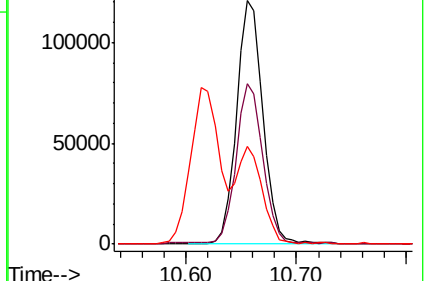
39 38.7 26.6 40.0

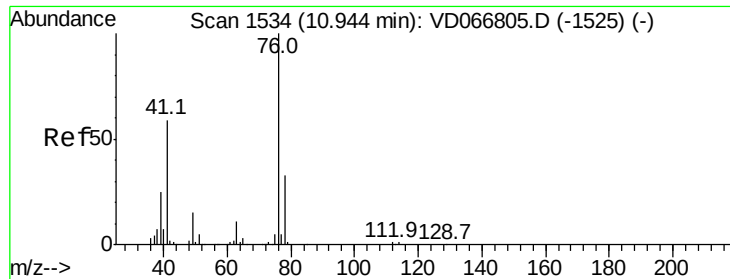


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 52.249 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

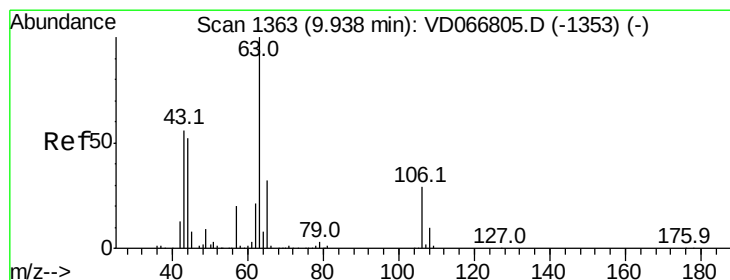
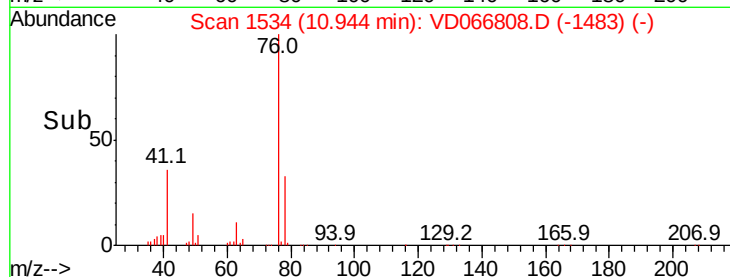
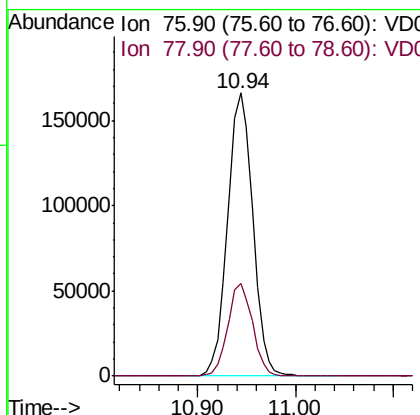
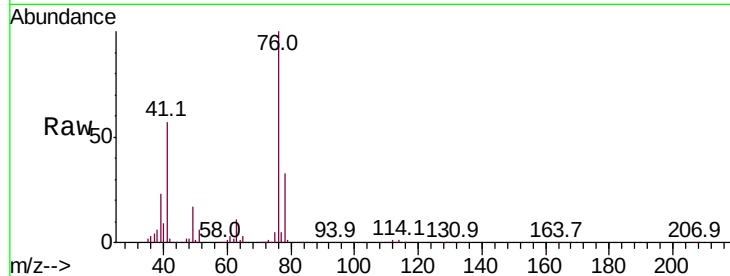
Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion: 76 Resp: 299607

Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.3	39.5



#58

2-Chloroethyl Vinyl ether

Concen: 243.729 ug/l

RT: 9.94 min Scan# 1363

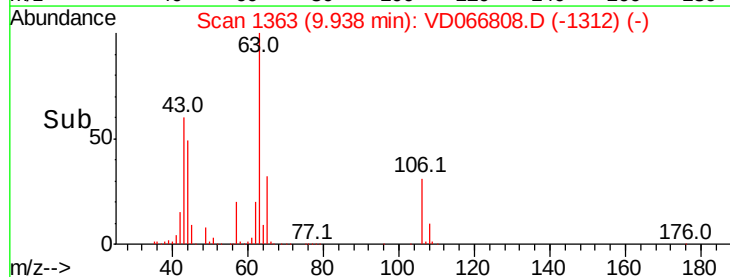
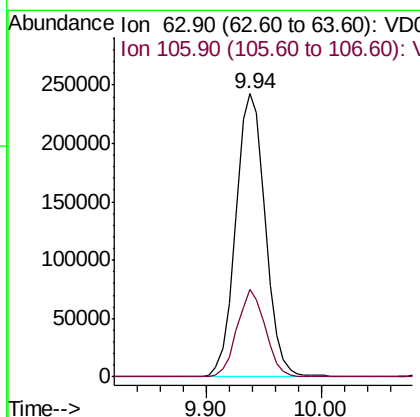
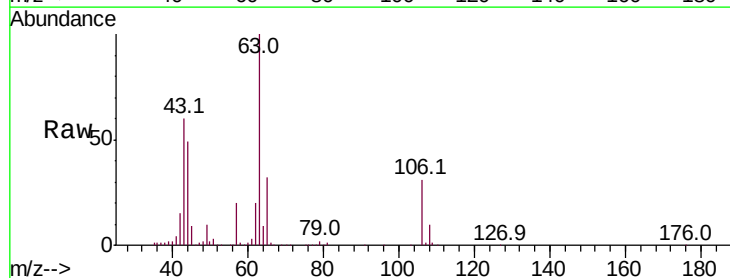
Delta R.T. -0.00 min

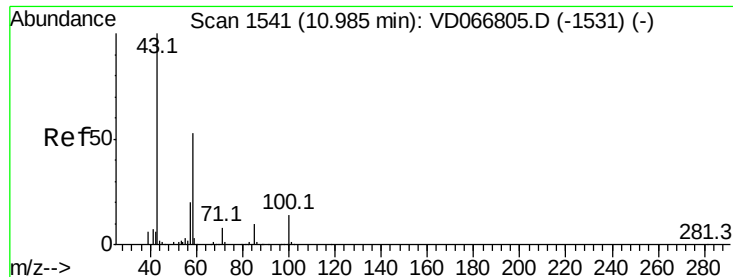
Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Tgt Ion: 63 Resp: 429326

Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.8	35.6

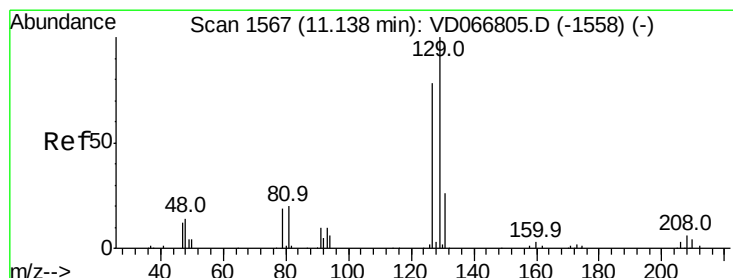
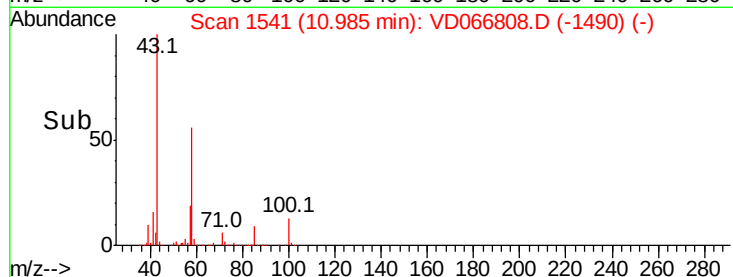
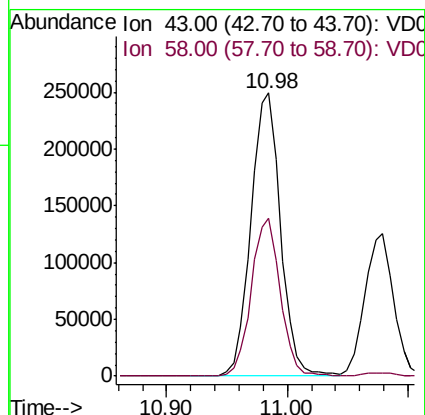
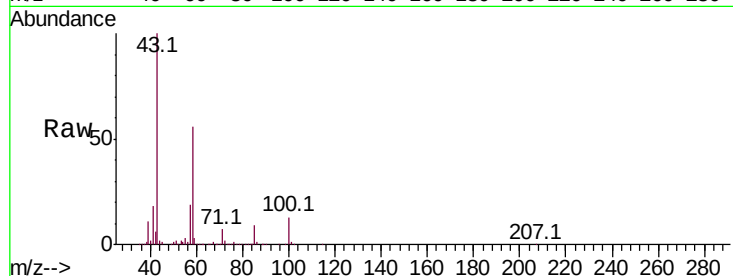




#59
2-Hexanone
Concen: 271.096 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

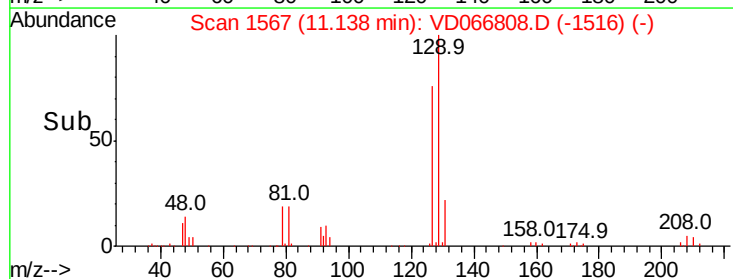
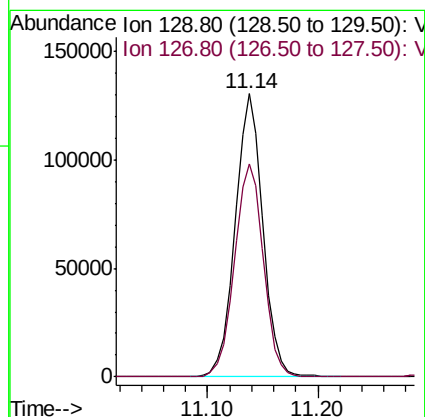
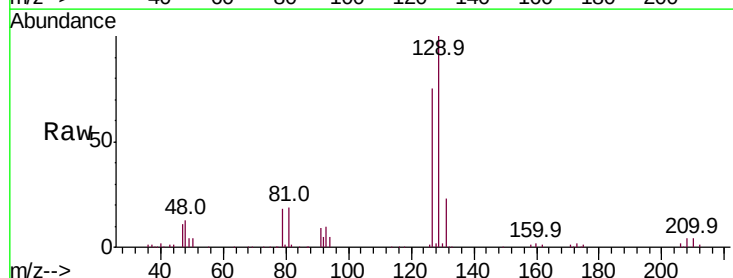
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

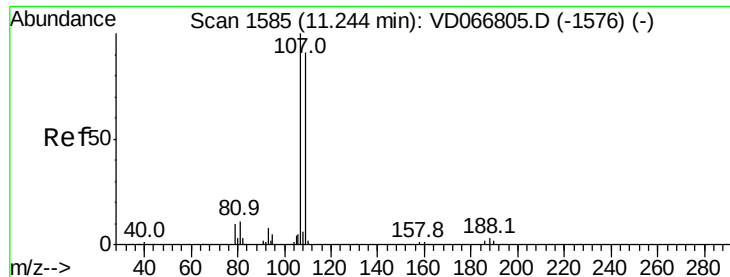
Tot Ion: 43 Resp: 428092
Ion Ratio Lower Upper
43 100
58 54.4 27.0 80.8



#60
Dibromochloromethane
Concen: 50.476 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion: 129 Resp: 228771
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.348 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

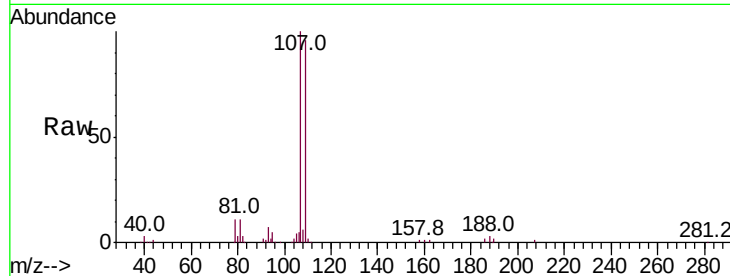
ICVVD092220

Tot Ion:107 Resp: 169084

Ion Ratio Lower Upper

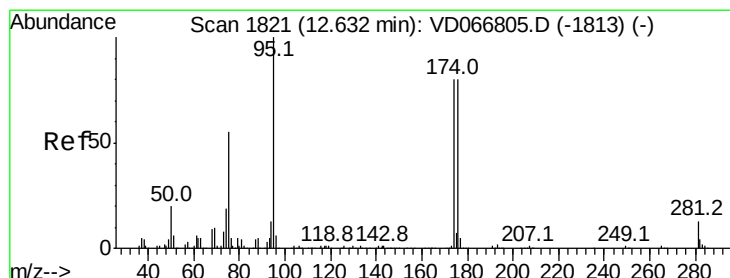
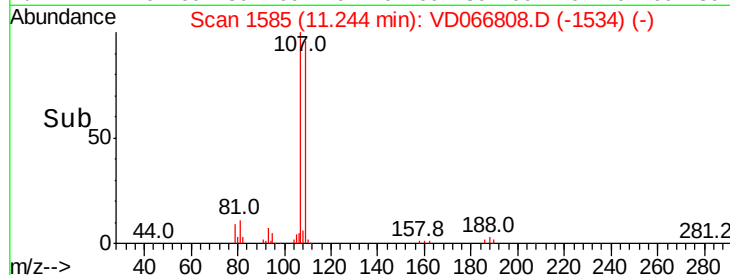
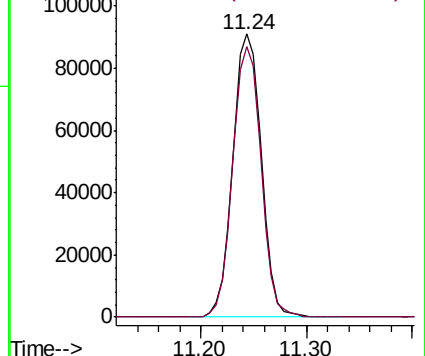
107 100

109 95.1 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.460 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

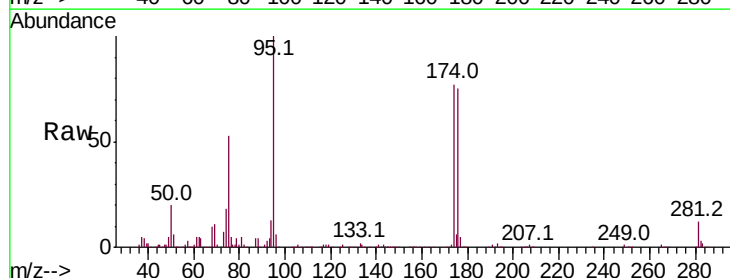
Tgt Ion: 95 Resp: 270094

Ion Ratio Lower Upper

95 100

174 78.6 0.0 159.8

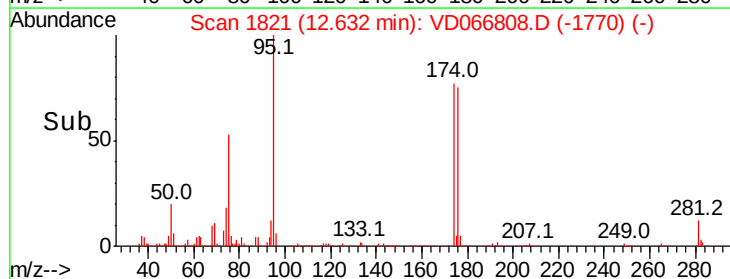
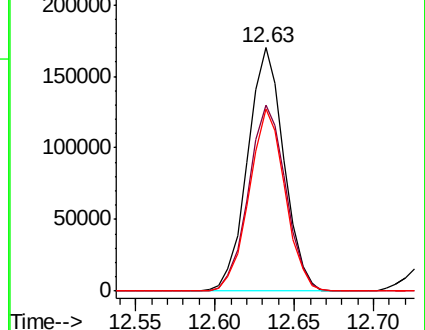
176 74.4 0.0 154.4

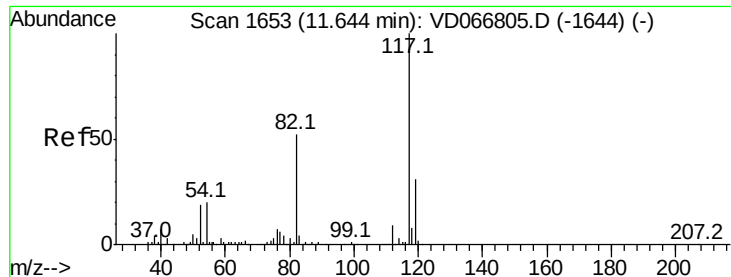


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

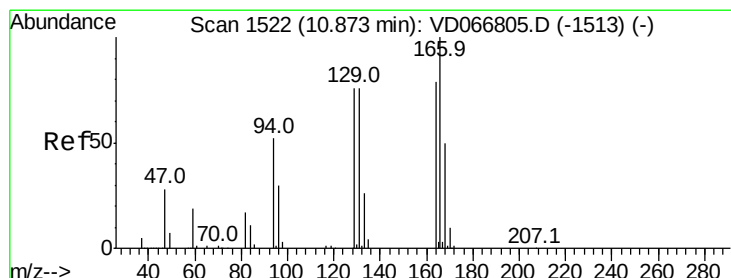
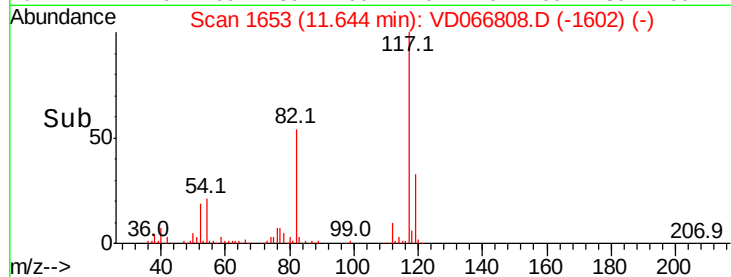
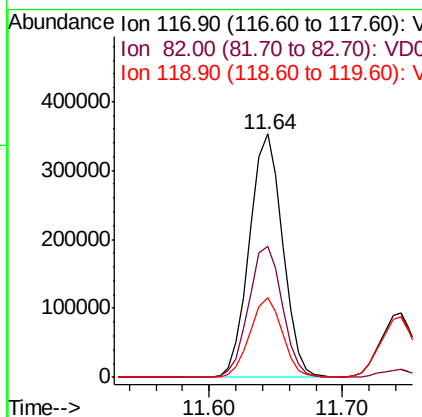
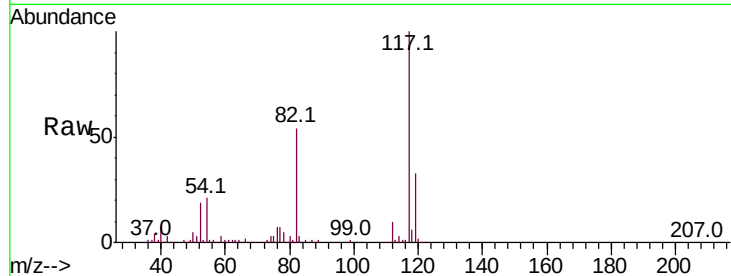




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

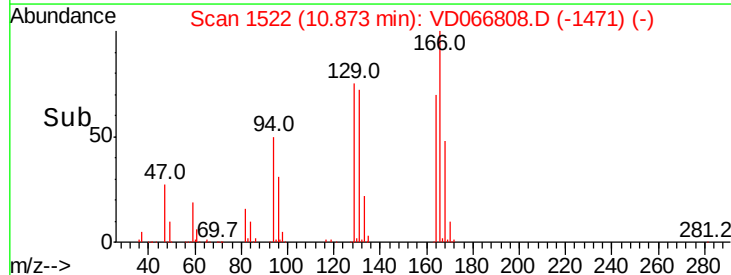
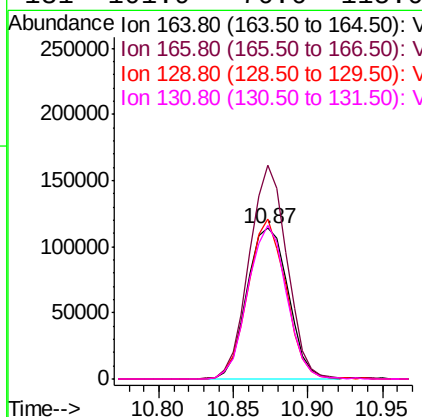
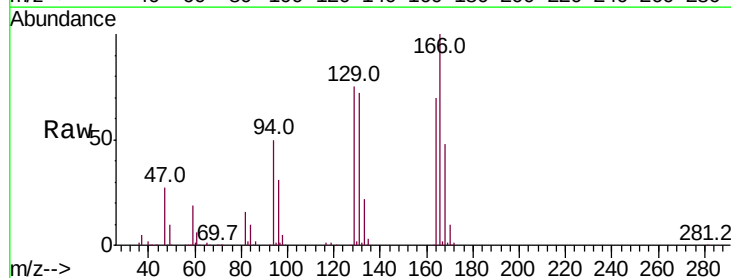
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

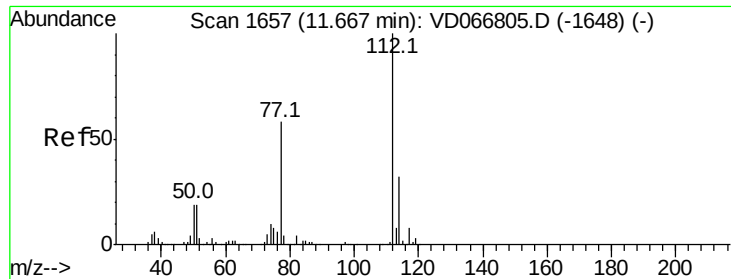
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.8	62.6
119	32.6	24.6	37.0



#64
Tetrachloroethene
Concen: 50.184 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	141.9	101.1	151.7
129	106.5	77.0	115.4
131	101.9	76.6	115.0

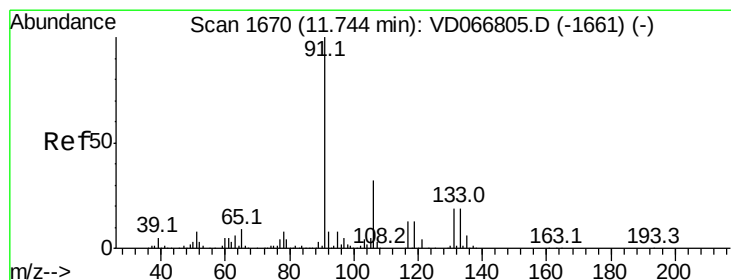
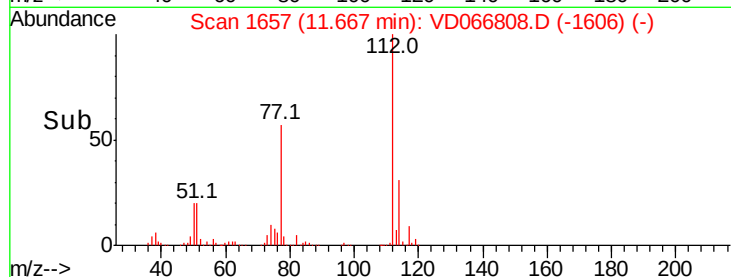
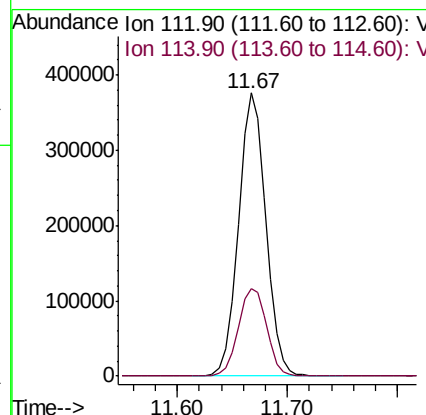
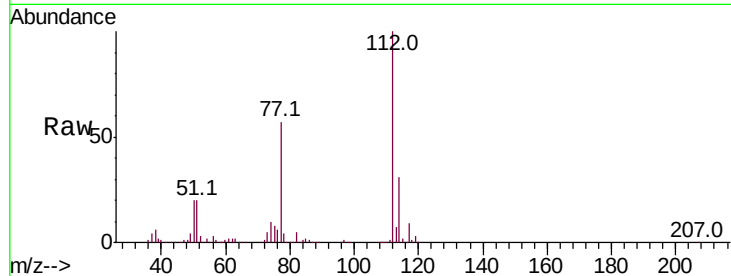




#65
Chlorobenzene
Concen: 51.754 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

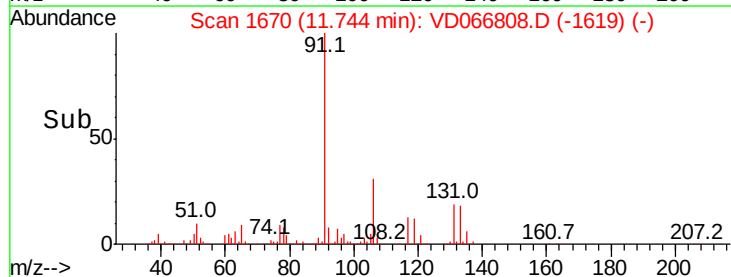
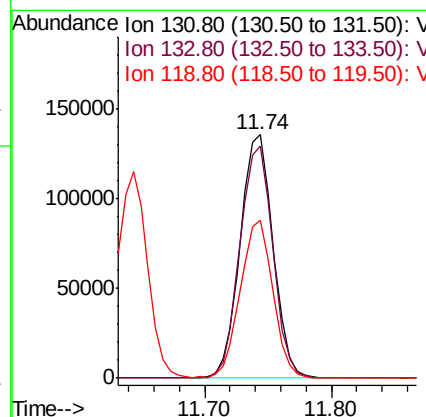
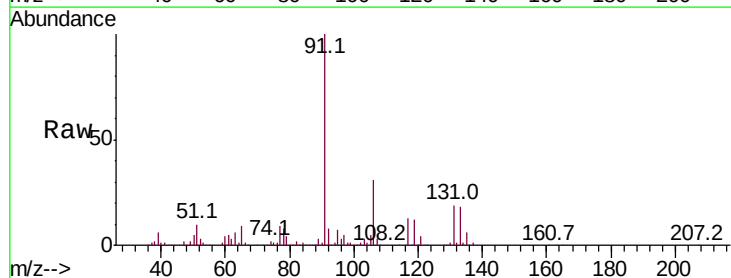
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

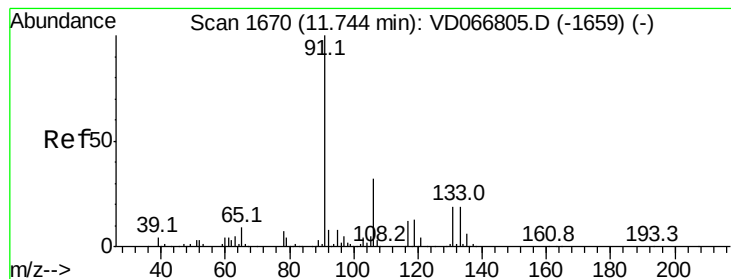
Tot Ion:112 Resp: 651561
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.349 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion:131 Resp: 244672
Ion Ratio Lower Upper
131 100
133 95.3 46.7 140.1
119 64.2 32.3 96.9





#67

Ethyl Benzene

Concen: 54.147 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

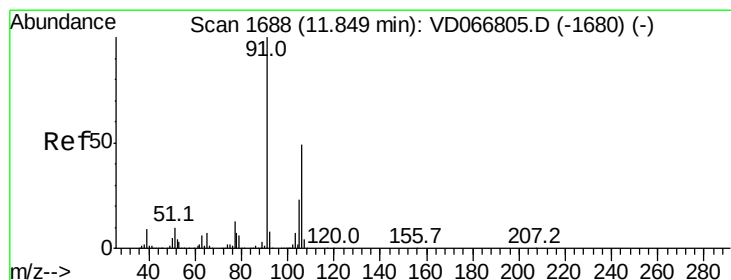
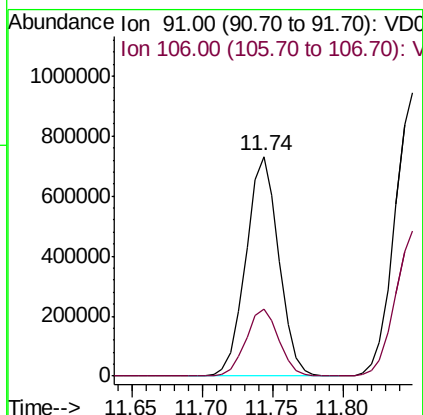
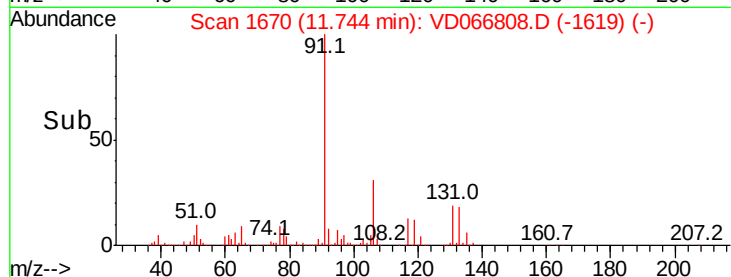
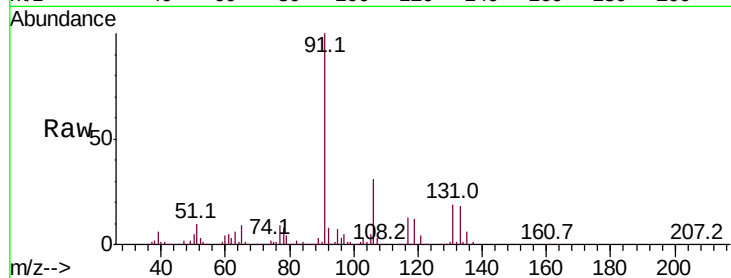
ICVVD092220

Tot Ion: 91 Resp: 1197262

Ion Ratio Lower Upper

91 100

106 30.8 25.6 38.4



#68

m/p-Xylenes

Concen: 109.901 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066808.D

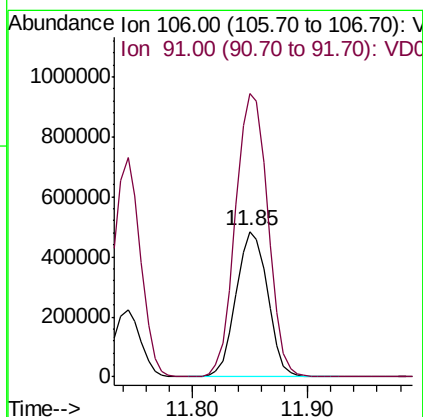
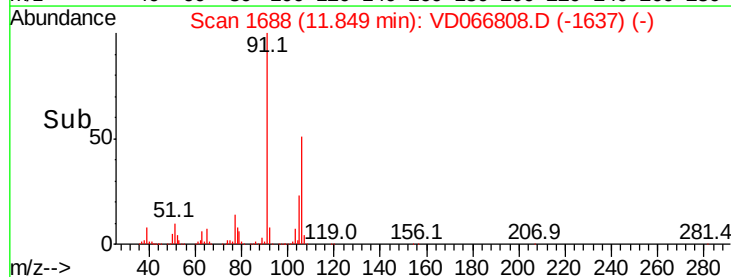
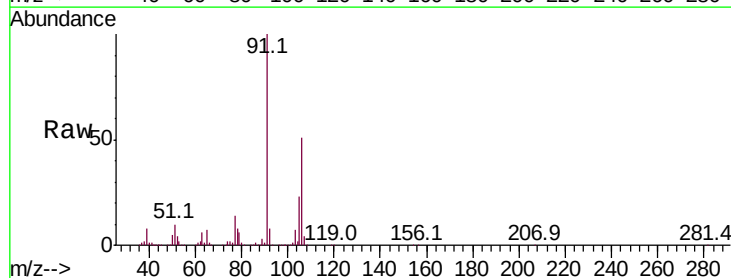
Acq: 22 Sep 2020 13:59

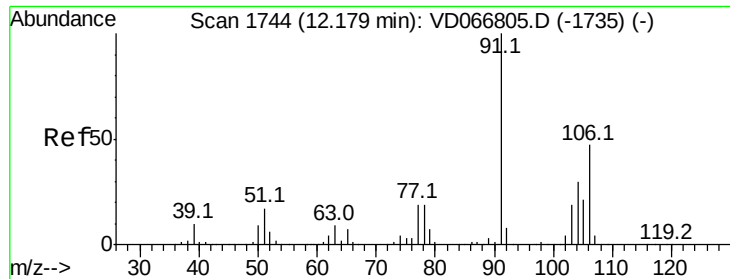
Tgt Ion: 106 Resp: 920051

Ion Ratio Lower Upper

106 100

91 199.8 160.7 241.1

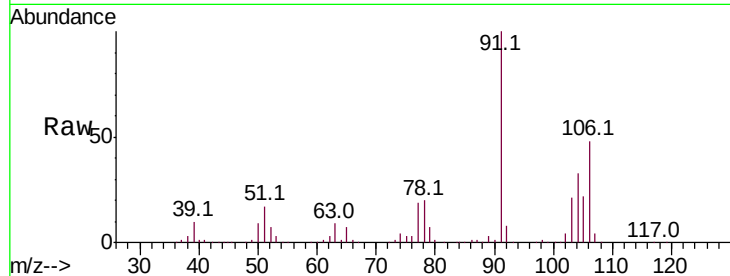




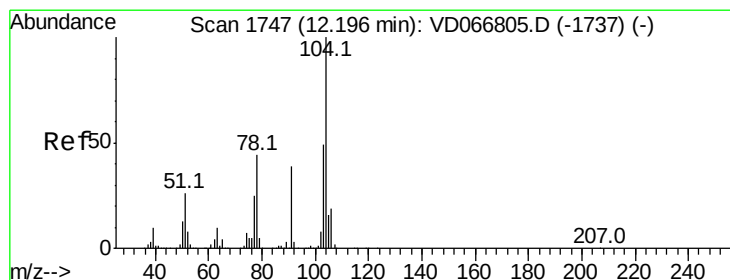
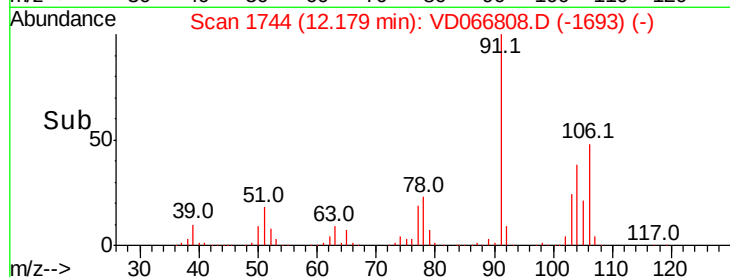
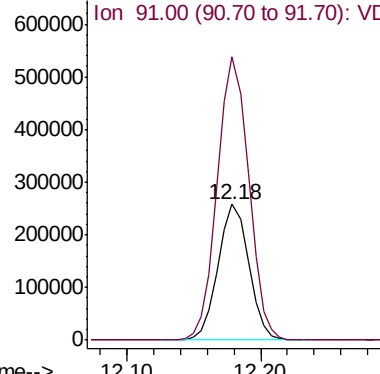
#69
o-Xylene
Concen: 54.557 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion:106 Resp: 412992
Ion Ratio Lower Upper
106 100
91 212.7 106.3 318.8

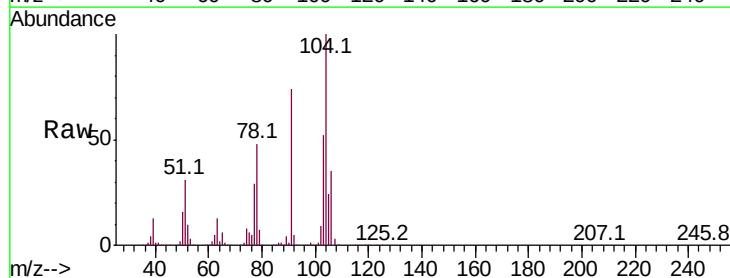


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

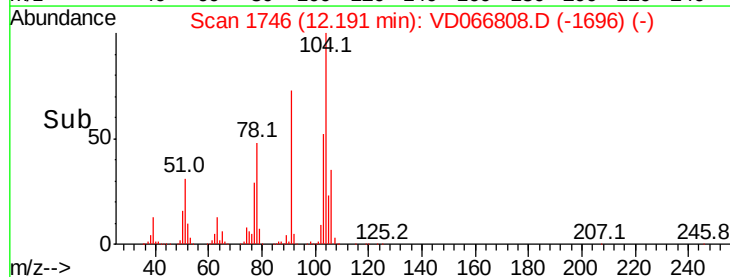
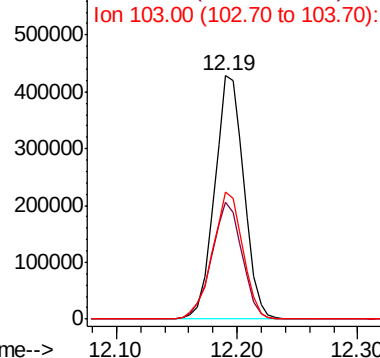


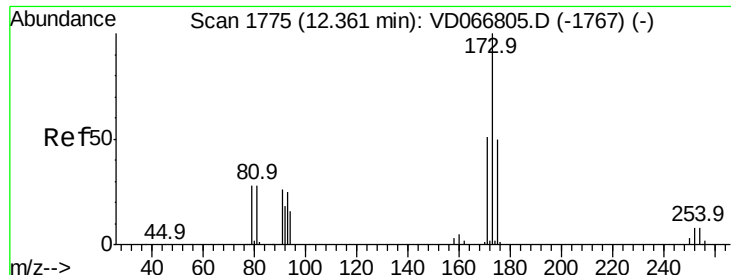
#70
Styrene
Concen: 55.059 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion:104 Resp: 723808
Ion Ratio Lower Upper
104 100
78 49.9 38.9 58.3
103 54.3 43.2 64.8



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





#71

Bromoform

Concen: 51.559 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

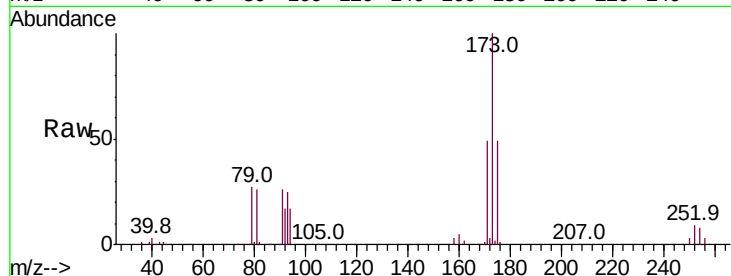
Tot Ion:173 Resp: 124388

Ion Ratio Lower Upper

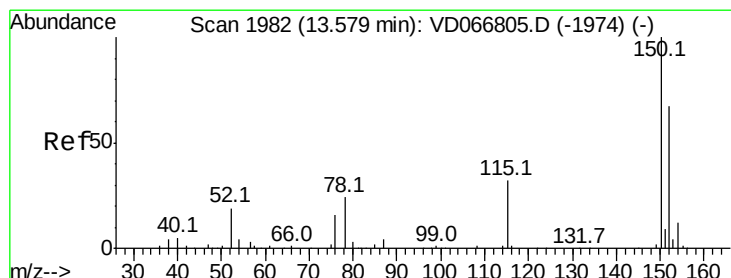
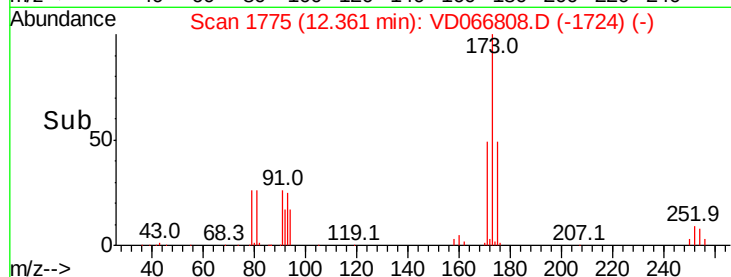
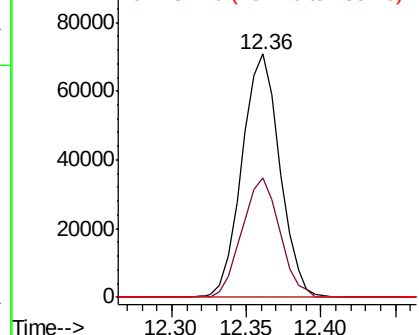
173 100

175 49.1 24.9 74.6

254 0.1 0.1 0.1#



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: VD066808.D

Acq: 22 Sep 2020 13:59

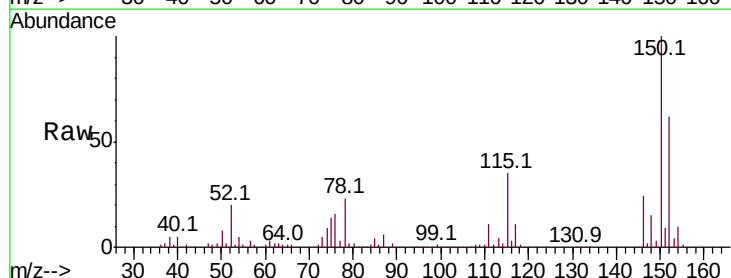
Tgt Ion:152 Resp: 286449

Ion Ratio Lower Upper

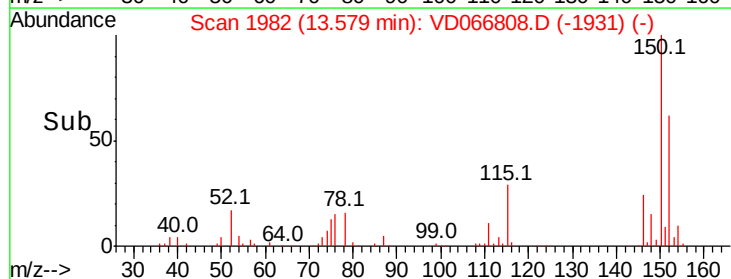
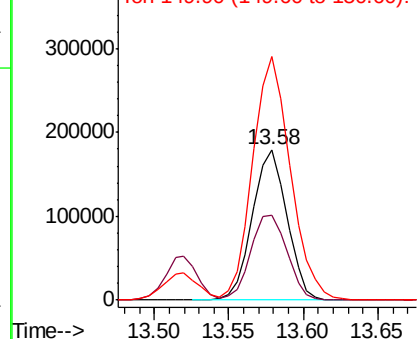
152 100

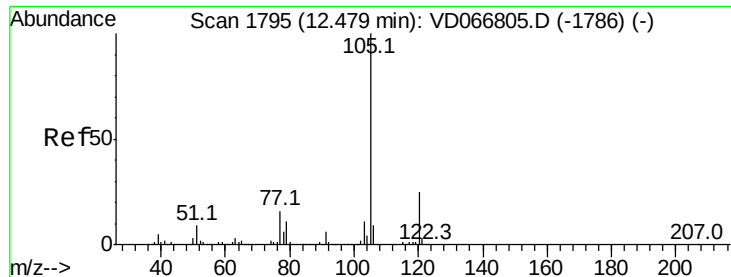
115 59.7 30.3 91.0

150 177.1 0.0 346.2



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





#73

Isopropylbenzene

Concen: 56.165 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

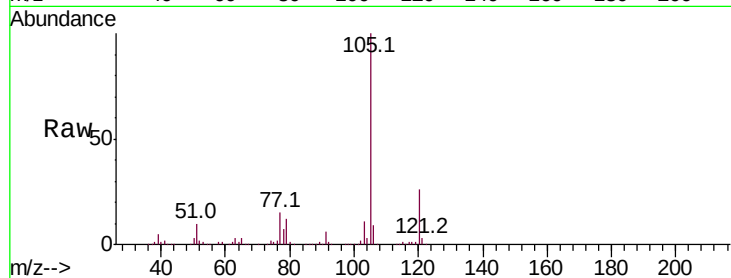
ICVVD092220

Tot Ion:105 Resp: 1162215

Ion Ratio Lower Upper

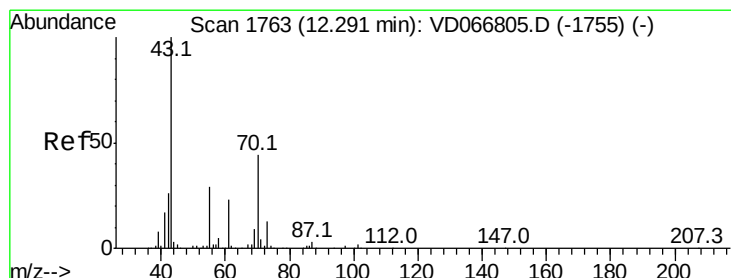
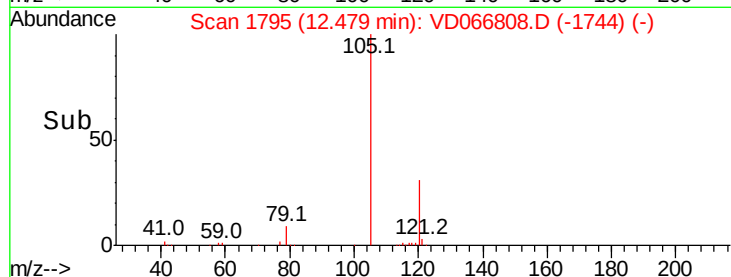
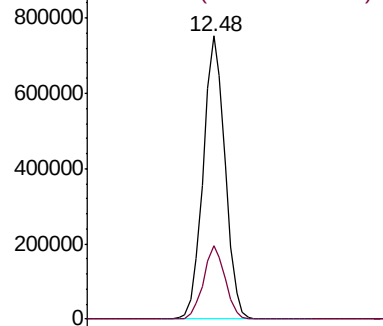
105 100

120 25.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.945 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Tgt Ion: 43 Resp: 222034

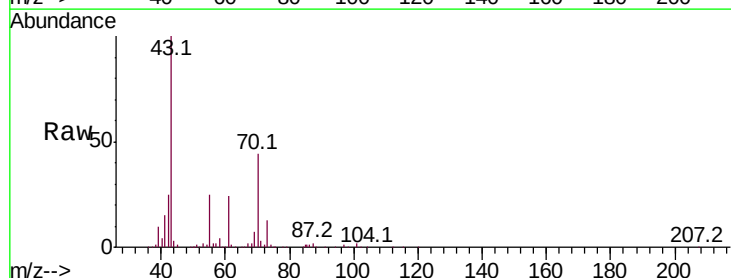
Ion Ratio Lower Upper

43 100

70 45.0 36.1 54.1

55 26.5 21.8 32.8

61 23.6 19.0 28.4

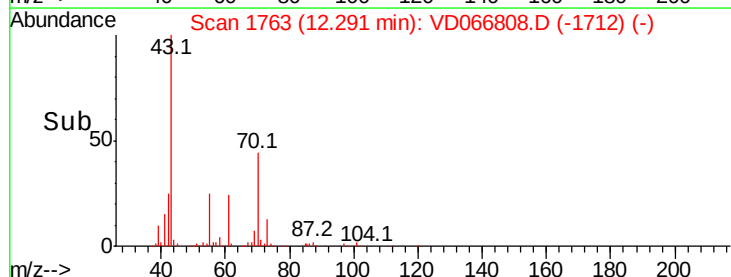
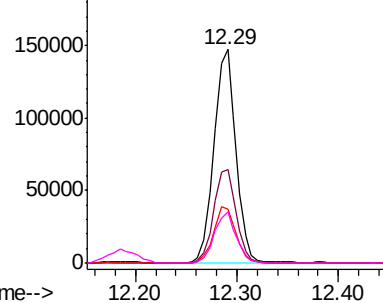


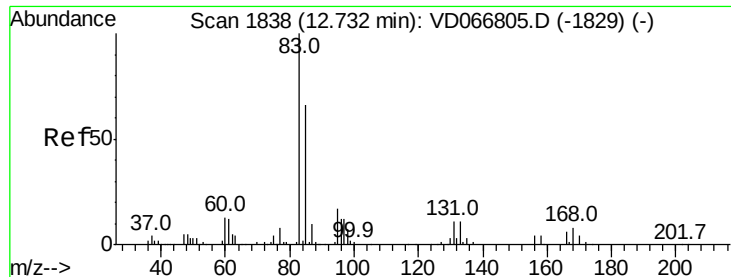
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.130 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

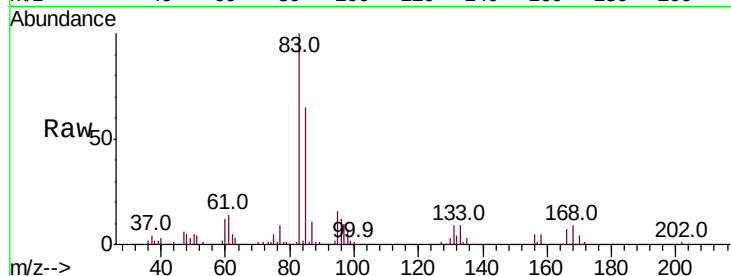
Tot Ion: 83 Resp: 182568

Ion Ratio Lower Upper

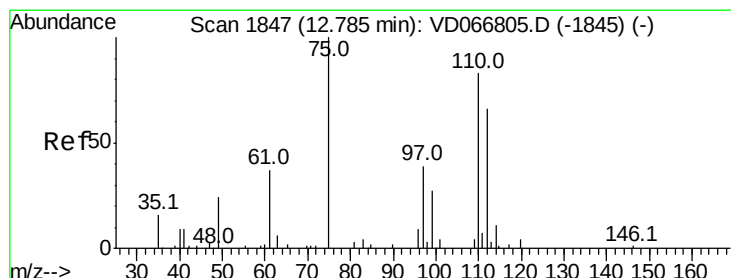
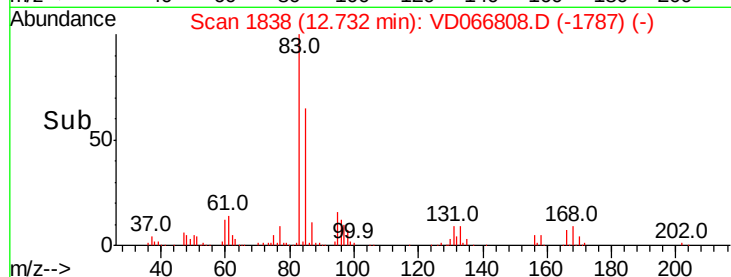
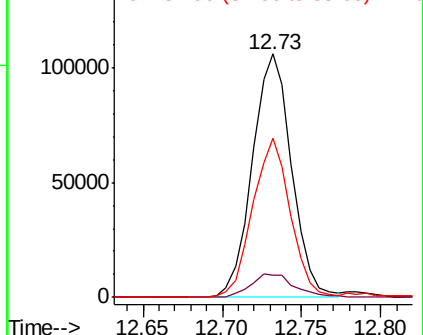
83 100

131 10.7 5.5 16.7

85 62.8 32.1 96.5



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



#76

1,2,3-Trichloropropane

Concen: 102.650 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066808.D

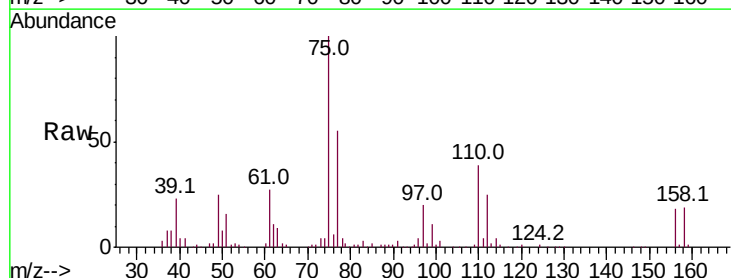
Acq: 22 Sep 2020 13:59

Tgt Ion: 75 Resp: 243676

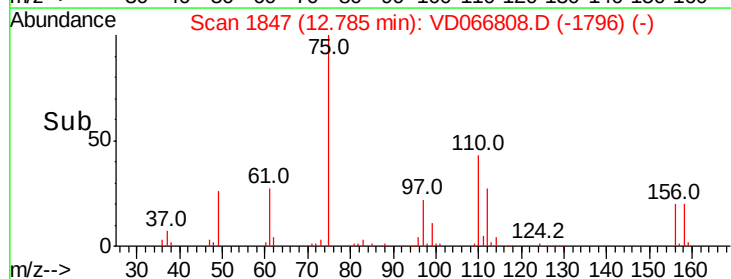
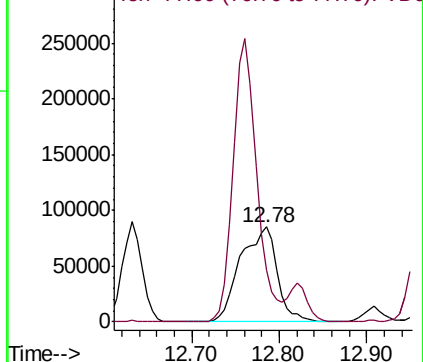
Ion Ratio Lower Upper

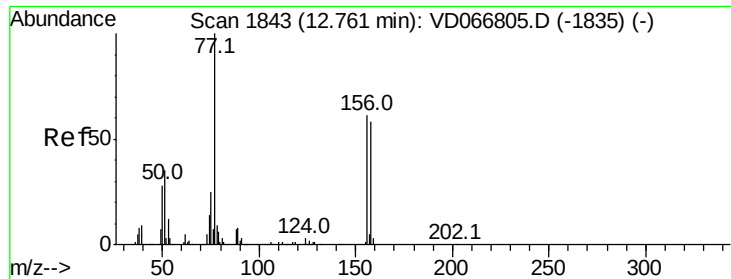
75 100

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

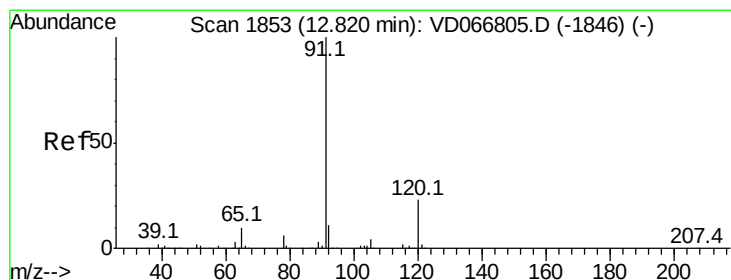
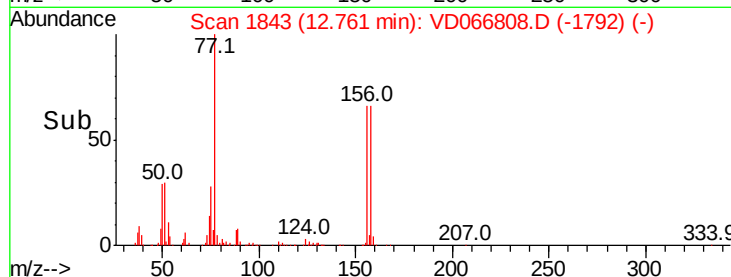
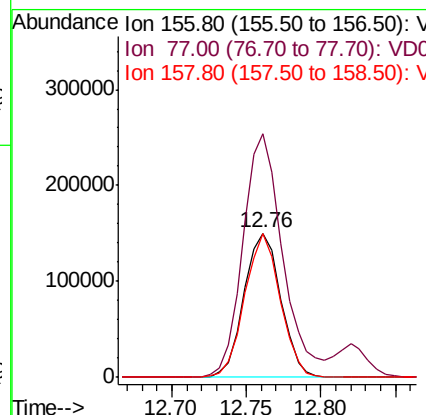
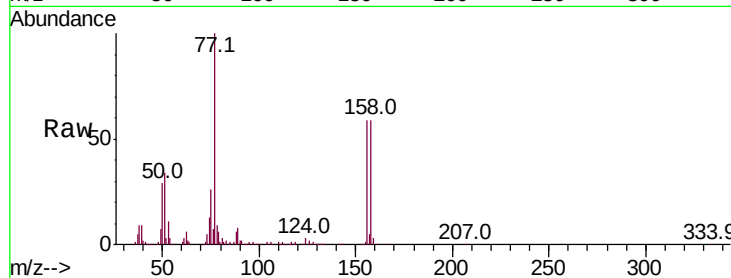




#77
Bromobenzene
Concen: 52.934 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

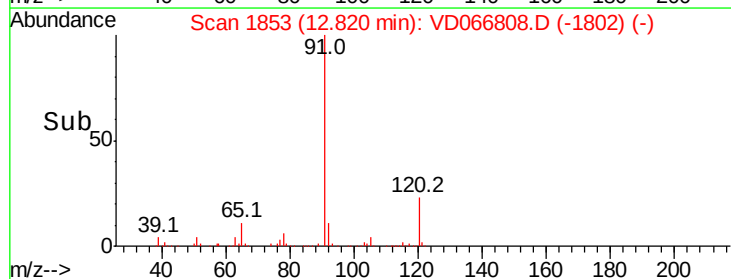
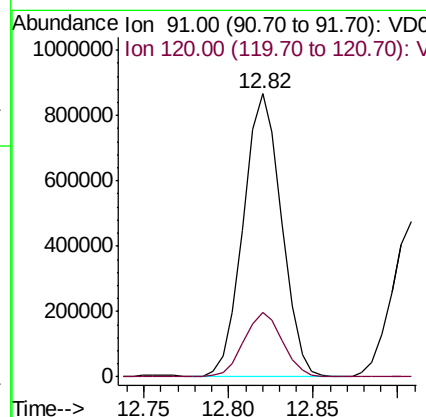
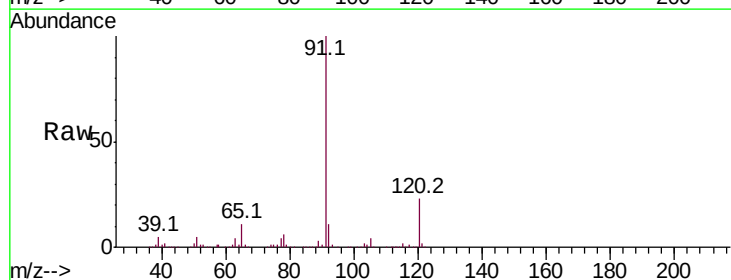
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

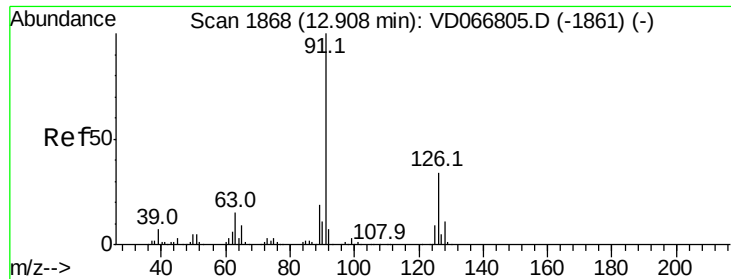
Tot Ion:156 Resp: 256183
Ion Ratio Lower Upper
156 100
77 182.7 92.3 276.9
158 96.2 47.6 142.9



#78
n-propylbenzene
Concen: 54.791 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion: 91 Resp: 1363995
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.2





#79

2-Chlorotoluene

Concen: 53.659 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

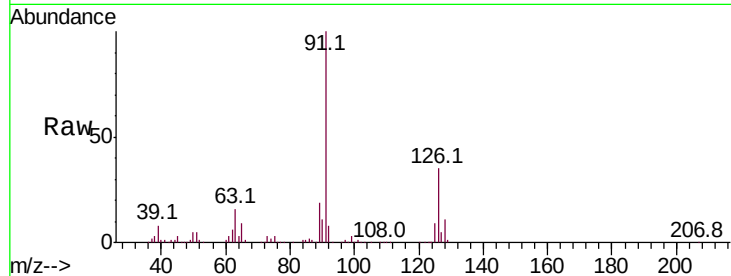
ICVVD092220

Tot Ion: 91 Resp: 761221

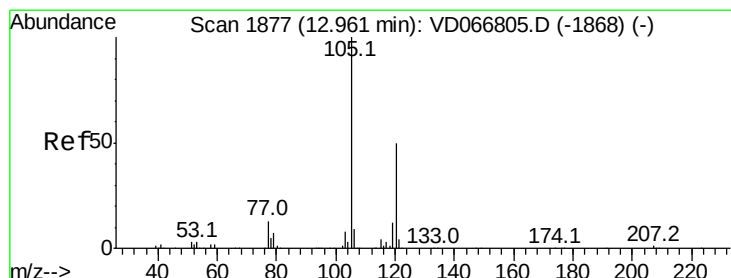
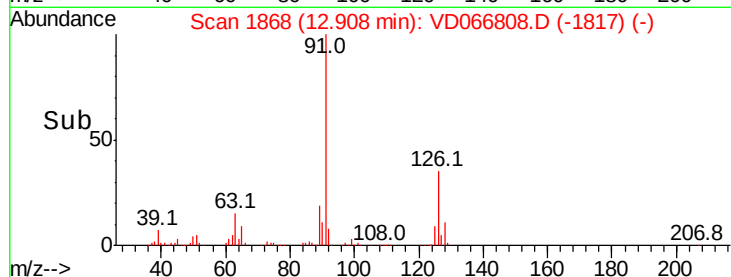
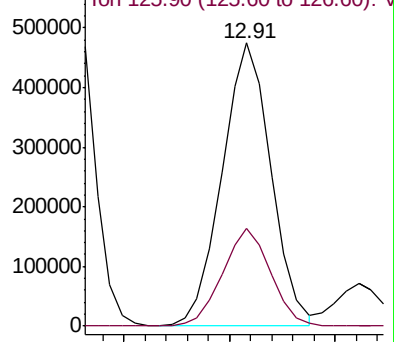
Ion Ratio Lower Upper

91 100

126 34.1 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VD066808.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.404 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066808.D

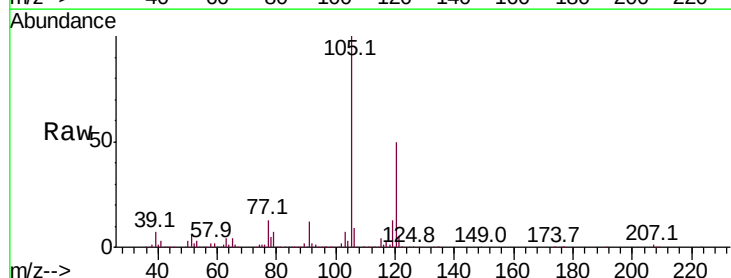
Acq: 22 Sep 2020 13:59

Tgt Ion:105 Resp: 972794

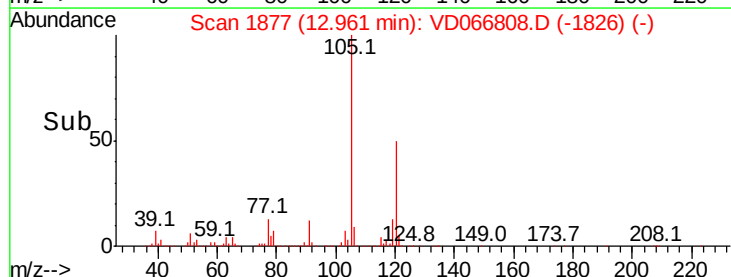
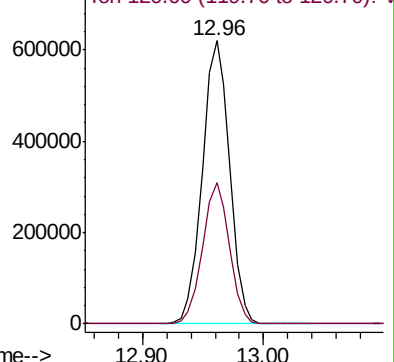
Ion Ratio Lower Upper

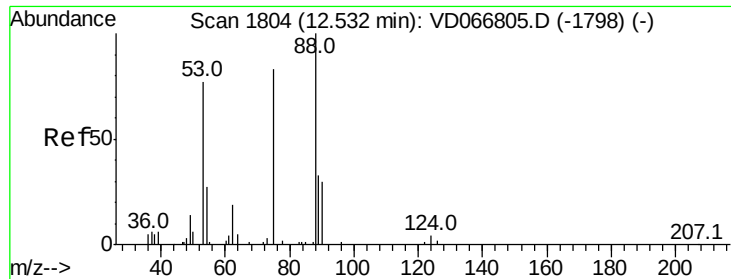
105 100

120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066808.D (-1868) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 55.808 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

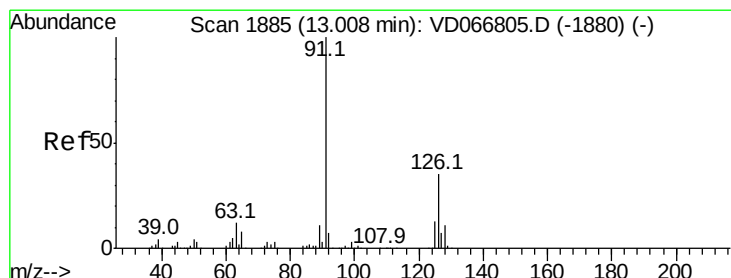
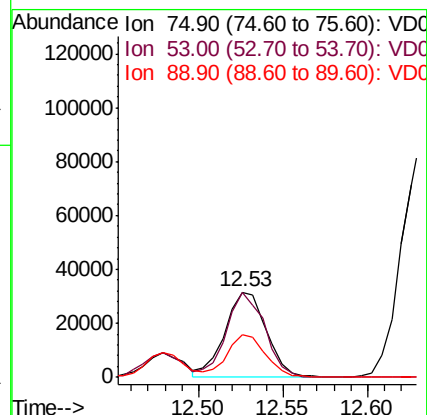
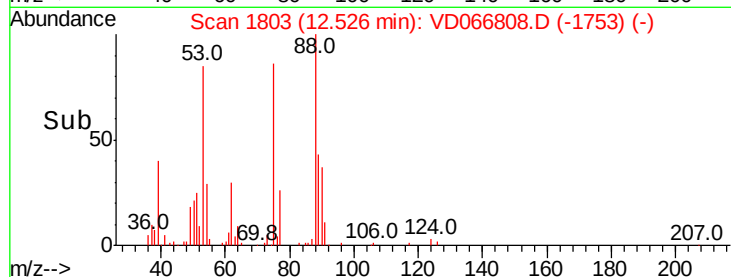
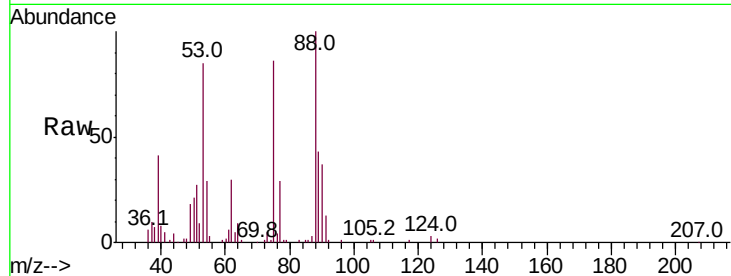
Tot Ion: 75 Resp: 52952

Ion Ratio Lower Upper

75 100

53 95.4 78.5 117.7

89 47.2 38.1 57.1



#82

4-Chlorotoluene

Concen: 53.086 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066808.D

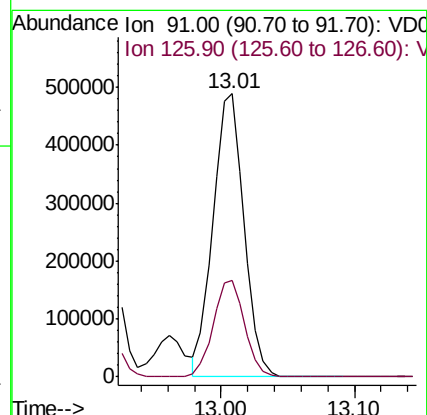
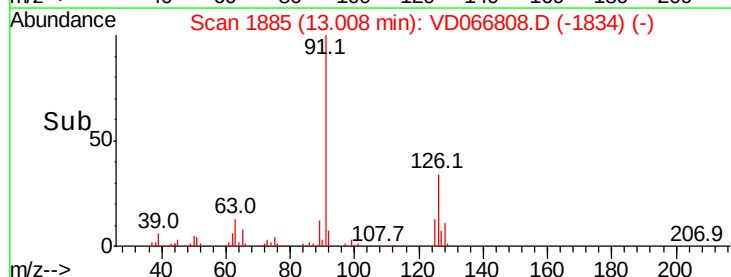
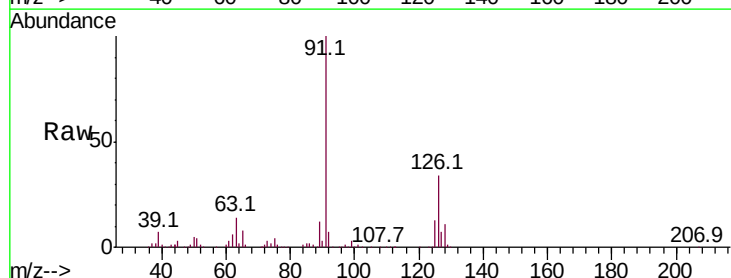
Acq: 22 Sep 2020 13:59

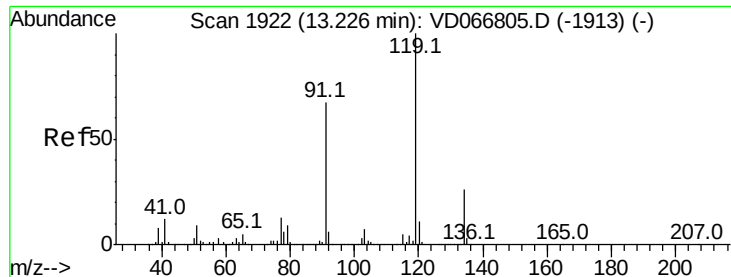
Tgt Ion: 91 Resp: 793872

Ion Ratio Lower Upper

91 100

126 34.6 17.1 51.2

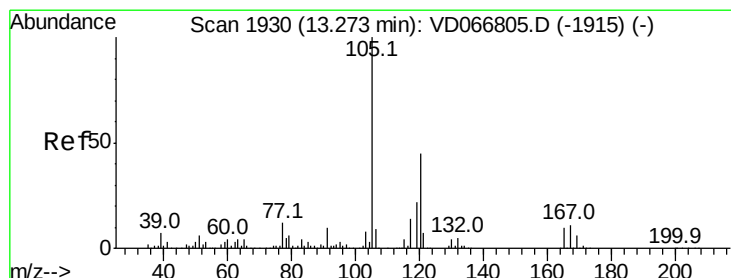
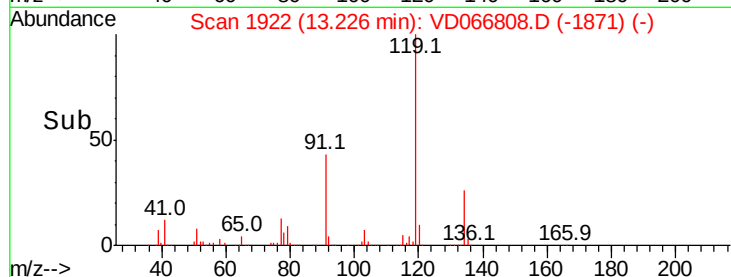
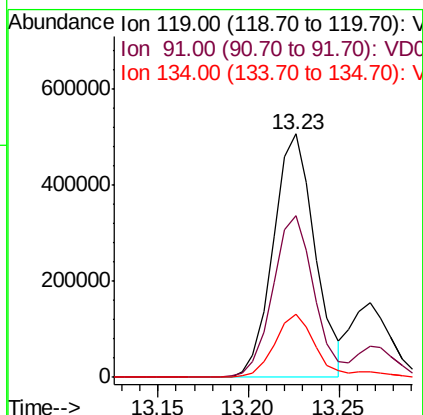
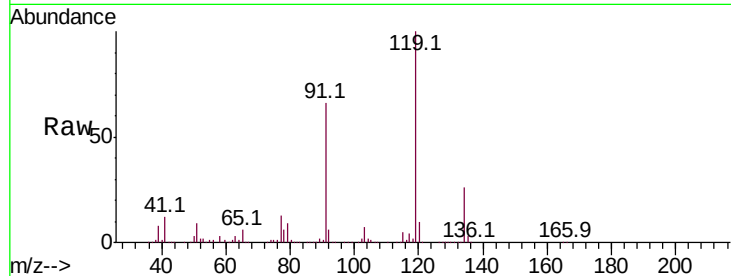




#83
 tert-Butylbenzene
 Concen: 56.452 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

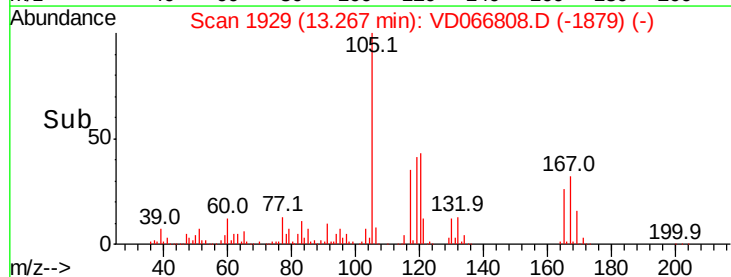
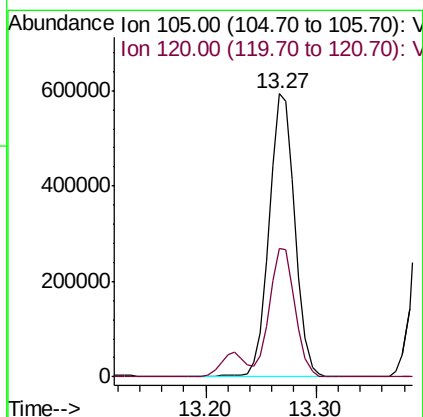
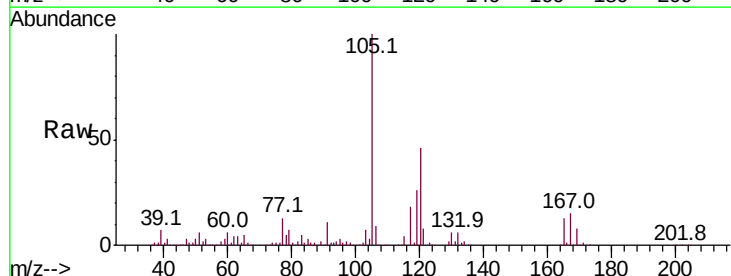
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

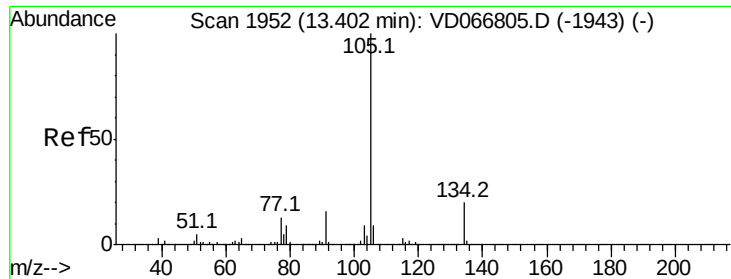
Tot Ion:119 Resp: 814500
 Ion Ratio Lower Upper
 119 100
 91 66.6 33.6 100.8
 134 26.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.478 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion:105 Resp: 965920
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 54.915 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

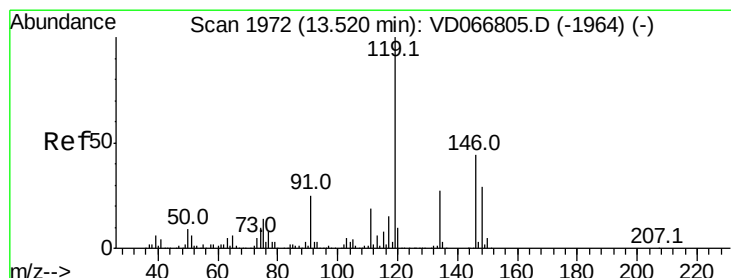
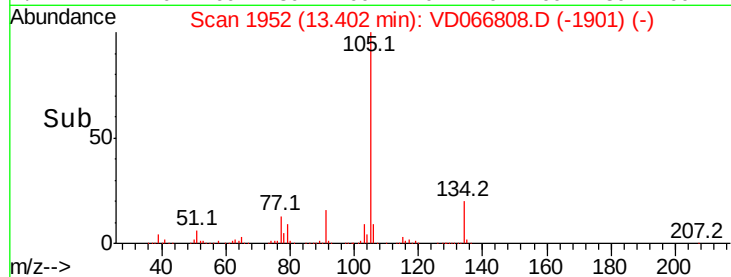
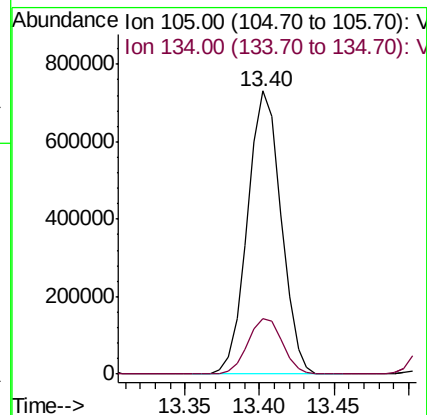
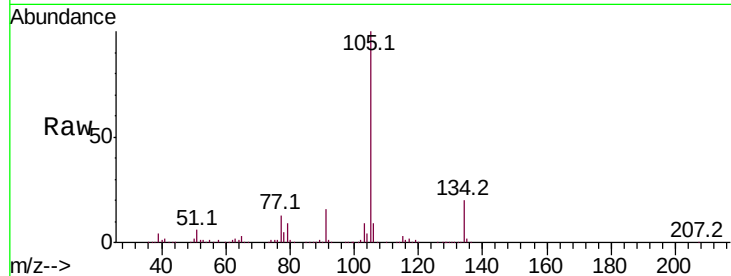
ICVVD092220

Tot Ion:105 Resp: 1139353

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 56.756 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

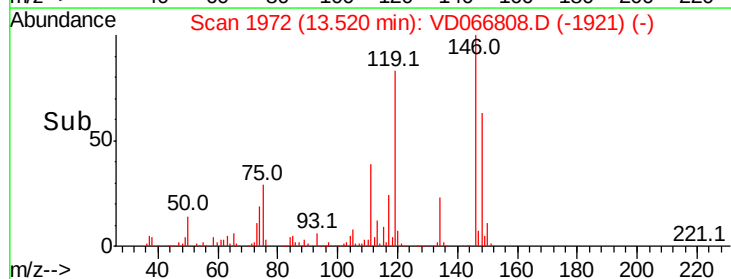
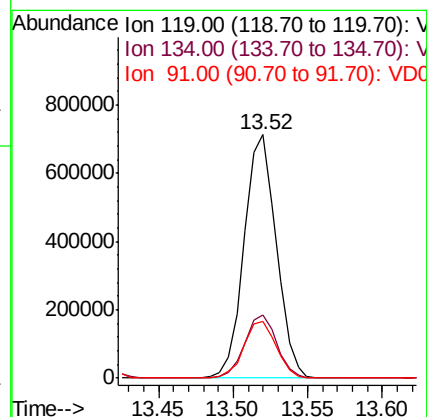
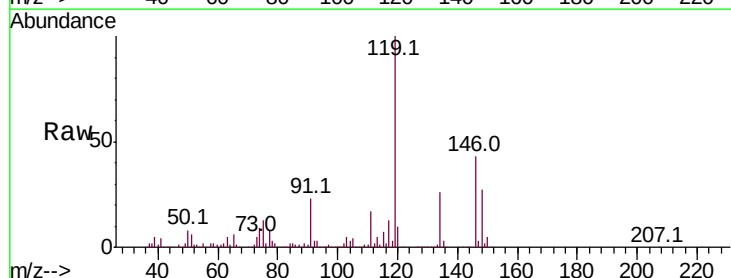
Tgt Ion:119 Resp: 1061442

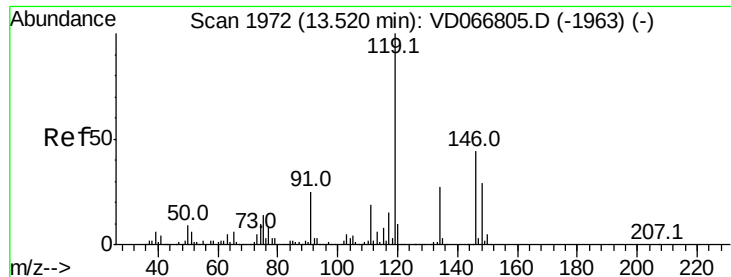
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 23.7 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 52.967 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

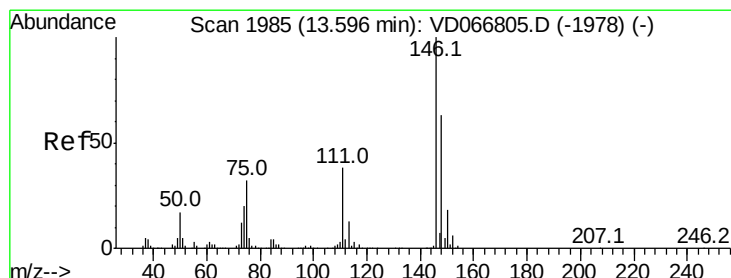
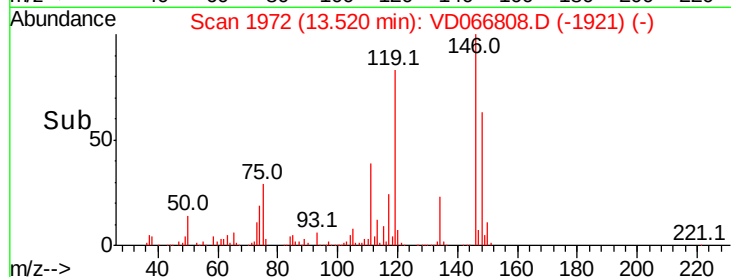
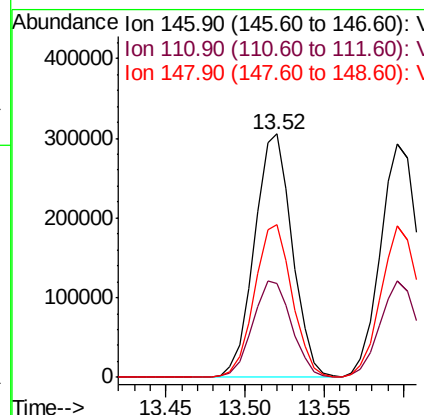
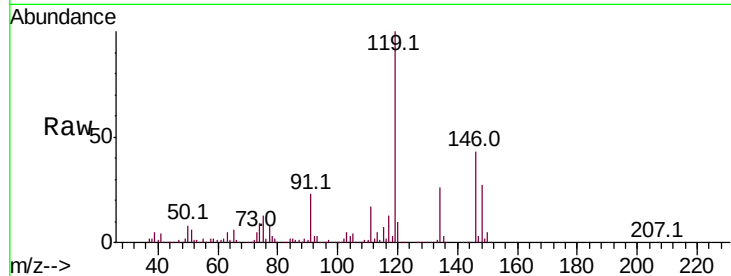
Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion:146 Resp: 506440

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.9
148	62.7	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 51.447 ug/l

RT: 13.60 min Scan# 1985

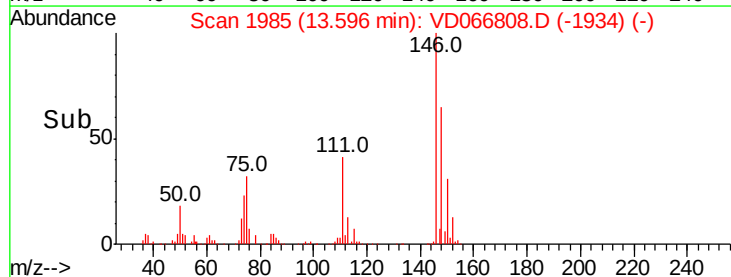
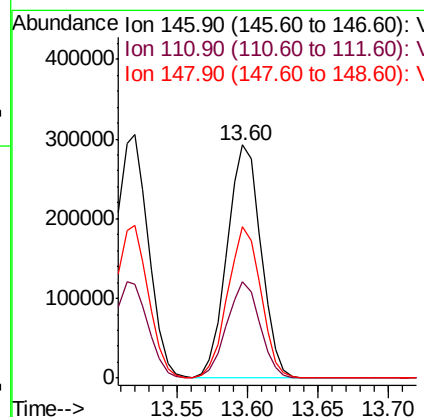
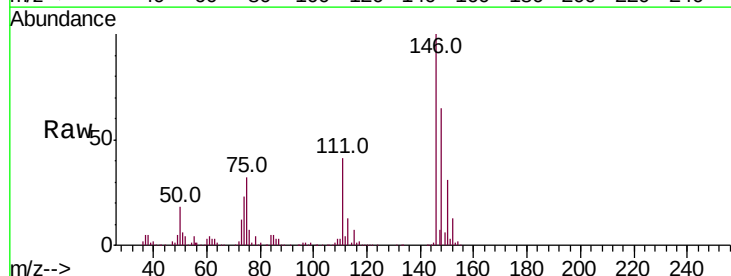
Delta R.T. 0.00 min

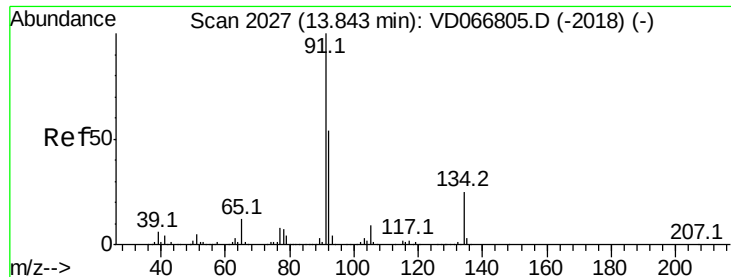
Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Tgt Ion:146 Resp: 488568

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.5
148	63.5	31.6	94.7

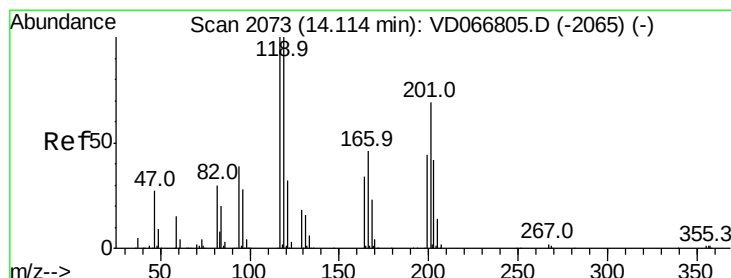
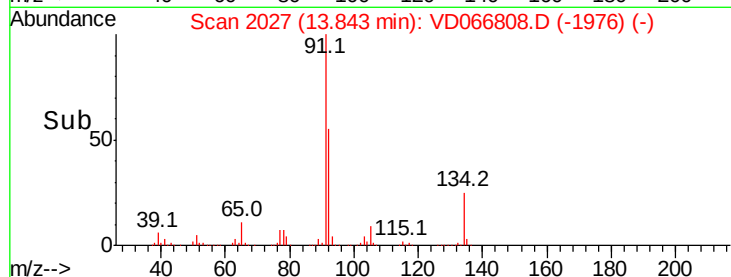
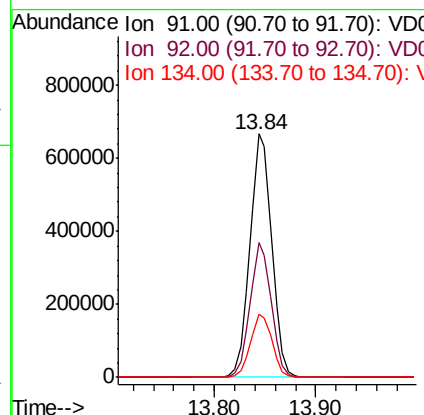
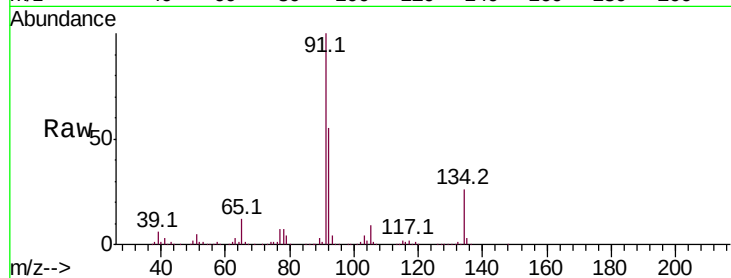




#89
n-Butylbenzene
Concen: 55.759 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

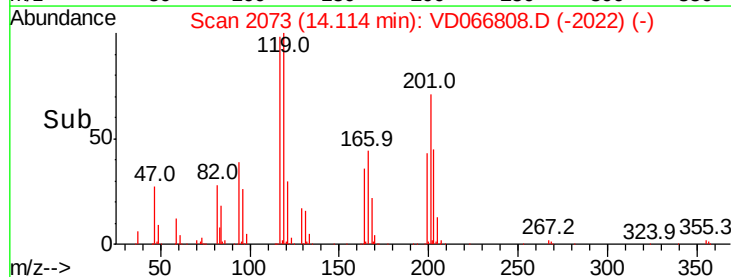
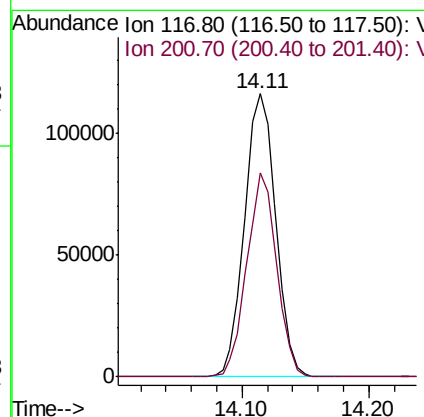
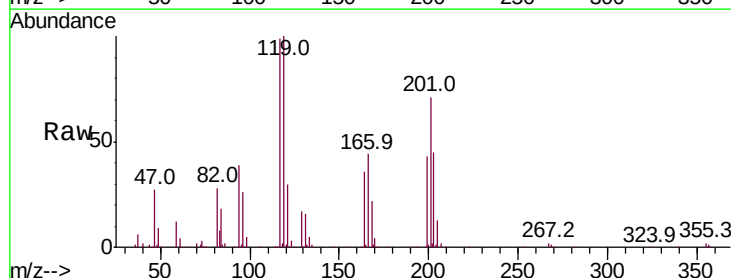
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

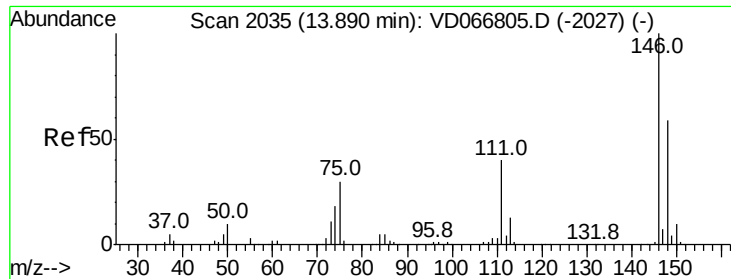
Tot Ion: 91 Resp: 991163
Ion Ratio Lower Upper
91 100
92 53.9 26.7 80.0
134 25.8 13.1 39.1



#90
Hexachloroethane
Concen: 52.365 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion: 117 Resp: 198820
Ion Ratio Lower Upper
117 100
201 68.9 33.7 101.0

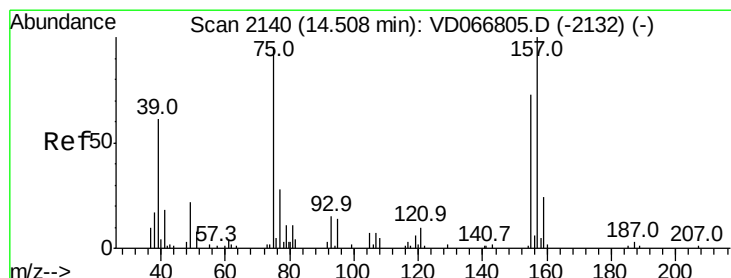
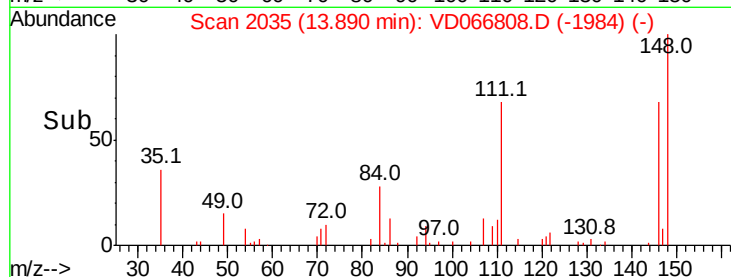
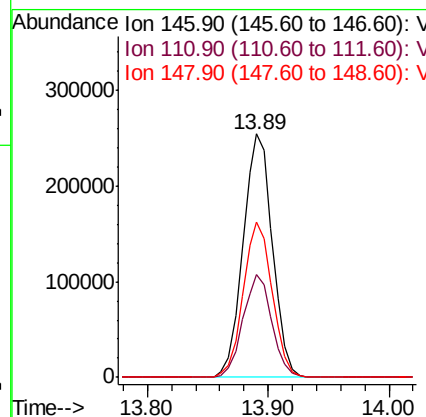
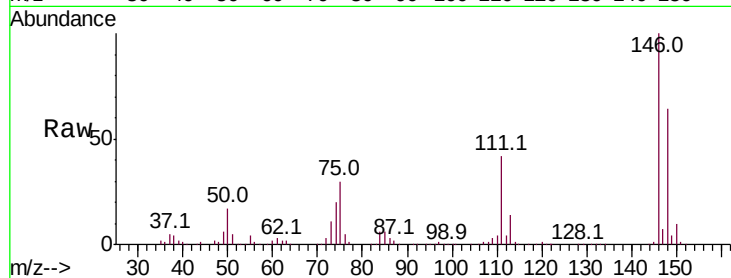




#91
 1,2-Dichlorobenzene
 Concen: 52.498 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

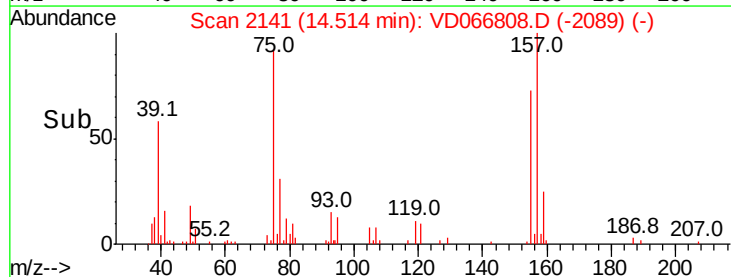
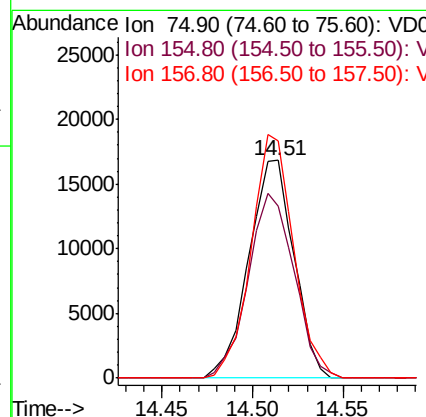
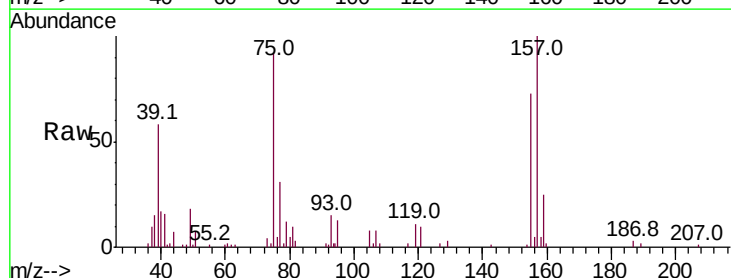
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

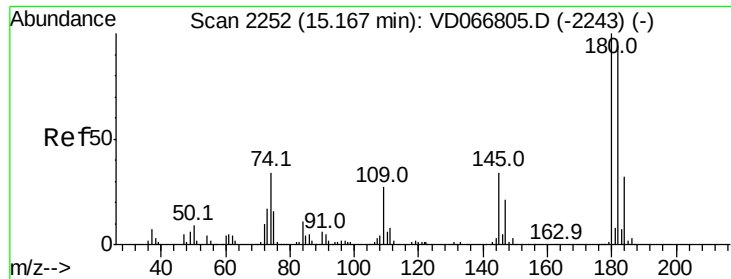
Tot Ion:146 Resp: 429445
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.9 62.7
 148 63.4 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.826 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion: 75 Resp: 29194
 Ion Ratio Lower Upper
 75 100
 155 85.9 40.4 121.2
 157 104.7 51.3 153.9

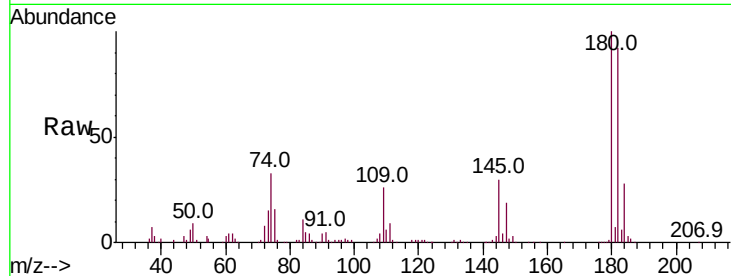




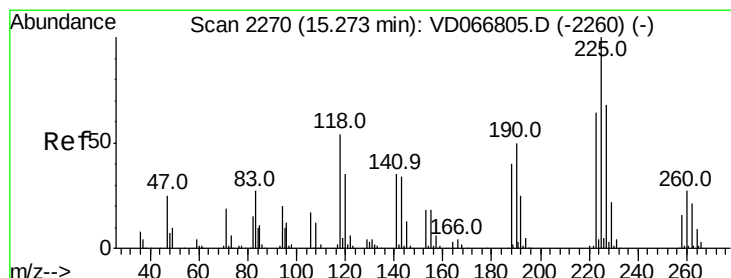
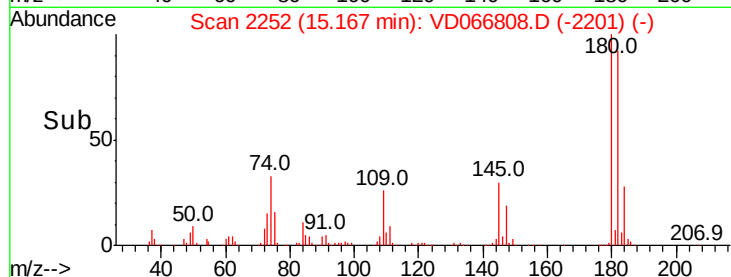
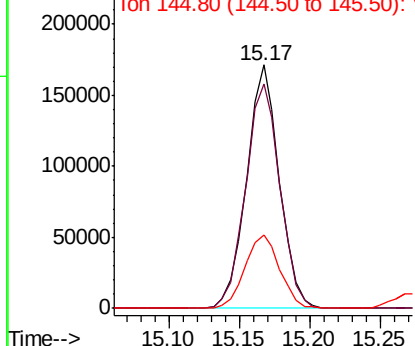
#93
 1,2,4-Trichlorobenzene
 Concen: 53.971 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.8	146.3
145	32.1	16.7	50.0

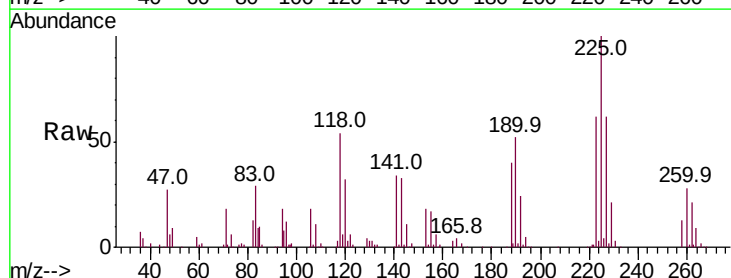


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

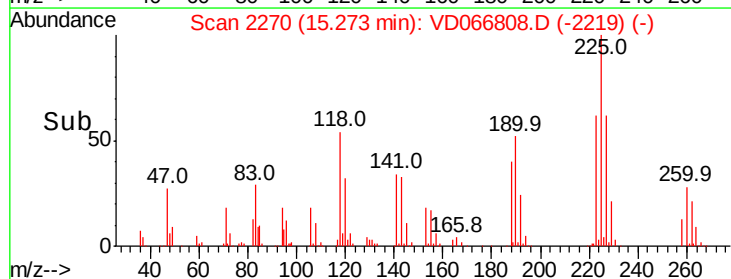
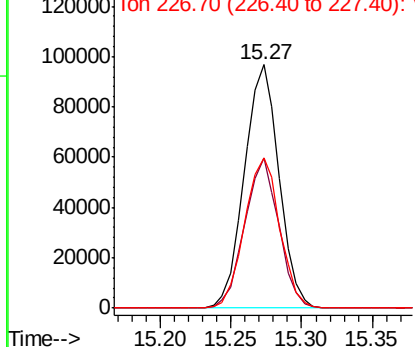


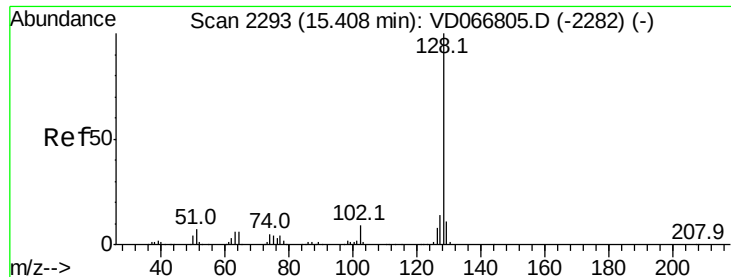
#94
 Hexachlorobutadiene
 Concen: 54.012 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	31.1	93.3
227	62.6	31.7	95.1



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

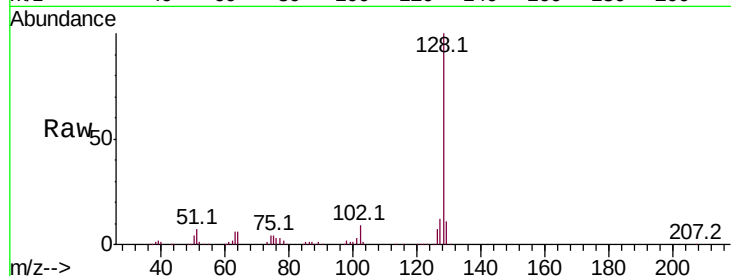




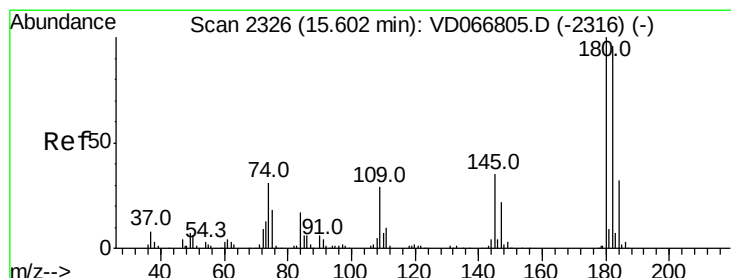
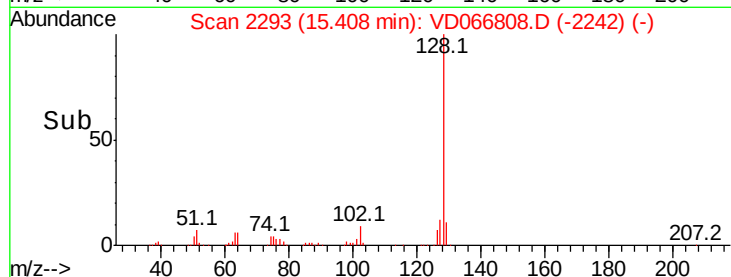
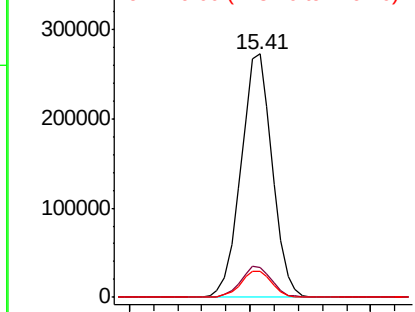
#95
Naphthalene
Concen: 56.260 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.7	8.9	13.3

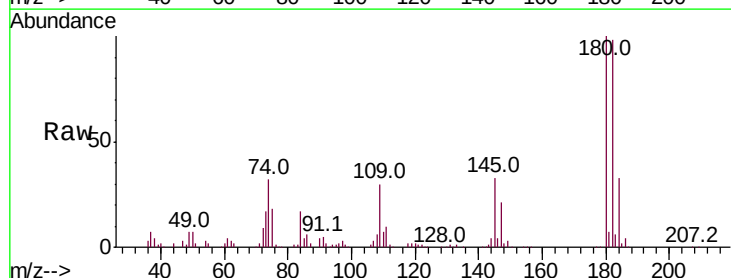


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.894 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.8	140.3
145	33.7	17.0	51.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

