

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067098.D
 Acq On : 06 Oct 2020 10:49
 Operator : VA/SY
 Sample : VD1006SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

Quant Time: Oct 07 01:09:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	419617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	635606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	578805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284614	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	194937	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	7.91	113	208019	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.34	98	770416	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.63	95	266567	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	86866	23.042	ug/l	94
3) Chloromethane	2.21	50	63005	18.854	ug/l	98
4) Vinyl Chloride	2.35	62	61317	18.299	ug/l	99
5) Bromomethane	2.76	94	44872	18.004	ug/l	97
6) Chloroethane	2.92	64	36447	17.861	ug/l	96
7) Trichlorofluoromethane	3.27	101	150643	20.235	ug/l	93
8) Diethyl Ether	3.71	74	35340	19.143	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	86464	20.549	ug/l	98
10) Methyl Iodide	4.30	142	69295	16.949	ug/l	100
11) Tert butyl alcohol	5.22	59	23917	65.018	ug/l #	87
12) 1,1-Dichloroethene	4.06	96	77886	19.690	ug/l	86
13) Acrolein	3.92	56	21600	79.813	ug/l	99
14) Allyl chloride	4.71	41	93204	18.138	ug/l	97
15) Acrylonitrile	5.43	53	60877	89.598	ug/l	99
16) Acetone	4.16	43	58972	95.583	ug/l	90
17) Carbon Disulfide	4.41	76	236695	19.498	ug/l	99
18) Methyl Acetate	4.72	43	28989	18.695	ug/l	93
19) Methyl tert-butyl Ether	5.49	73	136921	18.961	ug/l	100
20) Methylene Chloride	4.96	84	98840	17.906	ug/l	95
21) trans-1,2-Dichloroethene	5.48	96	88969	19.764	ug/l	95
22) Diisopropyl ether	6.36	45	178474	19.024	ug/l #	96
23) Vinyl Acetate	6.31	43	470461	88.497	ug/l	99
24) 1,1-Dichloroethane	6.26	63	140454	19.399	ug/l	99
25) 2-Butanone	7.21	43	75520	86.336	ug/l	98
26) 2,2-Dichloropropane	7.21	77	135185	19.303	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	92708	19.283	ug/l	98
28) Bromochloromethane	7.54	49	48981	17.518	ug/l	90
29) Tetrahydrofuran	7.56	42	44456	88.389	ug/l	93
30) Chloroform	7.71	83	155802	19.837	ug/l	100
31) Cyclohexane	7.99	56	115160	18.972	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	146967	20.191	ug/l	97
36) 1,1-Dichloropropene	8.11	75	122755	20.720	ug/l	99
37) Ethyl Acetate	7.29	43	33928	16.531	ug/l #	92
38) Carbon Tetrachloride	8.10	117	139206	21.716	ug/l	94

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Oct 07 01:09:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	126203	20.148	ug/l	95
40) Benzene	8.35	78	334940	20.354	ug/l	96
41) Methacrylonitrile	7.53	41	17047	15.374	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	92848	20.192	ug/l	96
43) Isopropyl Acetate	8.45	43	69522	18.387	ug/l	97
44) Trichloroethene	9.11	130	103946	21.154	ug/l	97
45) 1,2-Dichloropropane	9.38	63	77788	20.119	ug/l	94
46) Dibromomethane	9.47	93	44966	20.234	ug/l	97
47) Bromodichloromethane	9.66	83	120442	20.850	ug/l	95
48) Methyl methacrylate	9.46	41	32582	16.820	ug/l #	81
49) 1,4-Dioxane	9.46	88	9058	390.543	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	171726	91.183	ug/l	100
52) Toluene	10.40	92	223643	21.098	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	104997	20.337	ug/l	91
54) cis-1,3-Dichloropropene	10.09	75	126243	20.025	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	63525	20.561	ug/l	96
56) Ethyl methacrylate	10.66	69	63495	19.905	ug/l	97
57) 1,3-Dichloropropane	10.94	76	102147	20.388	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	178682	100.642	ug/l	97
59) 2-Hexanone	10.98	43	117717	93.649	ug/l	98
60) Dibromochloromethane	11.14	129	86413	20.985	ug/l	96
61) 1,2-Dibromoethane	11.24	107	60775	20.475	ug/l	100
64) Tetrachloroethene	10.87	164	90491	21.505	ug/l	93
65) Chlorobenzene	11.67	112	243032	21.112	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	91136	20.813	ug/l	99
67) Ethyl Benzene	11.74	91	419509	21.269	ug/l	98
68) m/p-Xylenes	11.85	106	327933	42.662	ug/l	98
69) o-Xylene	12.18	106	146982	21.383	ug/l	98
70) Styrene	12.20	104	252405	21.384	ug/l	98
71) Bromoform	12.36	173	49989	21.992	ug/l #	93
73) Isopropylbenzene	12.48	105	409687	21.199	ug/l	99
74) N-amyl acetate	12.29	43	63004	18.135	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	61749	18.964	ug/l	94
76) 1,2,3-Trichloropropane	12.78	75	83892	33.840	ug/l #	100
77) Bromobenzene	12.76	156	101488	21.749	ug/l	94
78) n-propylbenzene	12.82	91	479158	20.979	ug/l	99
79) 2-Chlorotoluene	12.91	91	268405	20.540	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	350130	21.444	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	18152	18.255	ug/l	95
82) 4-Chlorotoluene	13.01	91	295208	21.233	ug/l	100
83) tert-Butylbenzene	13.23	119	286131	20.810	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	349521	21.450	ug/l	99
85) sec-Butylbenzene	13.40	105	406568	20.997	ug/l	99
86) p-Isopropyltoluene	13.52	119	381119	21.230	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	188958	20.789	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	187341	20.613	ug/l	99
89) n-Butylbenzene	13.85	91	348206	21.224	ug/l	97
90) Hexachloroethane	14.11	117	66268	21.074	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	166514	20.976	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10161	19.359	ug/l	97

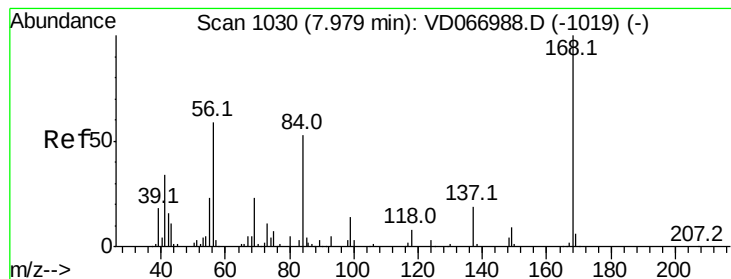
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	108574	21.145	ug/l	97
94) Hexachlorobutadiene	15.28	225	67152	21.295	ug/l	98
95) Naphthalene	15.41	128	167073	19.508	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	91871	20.611	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

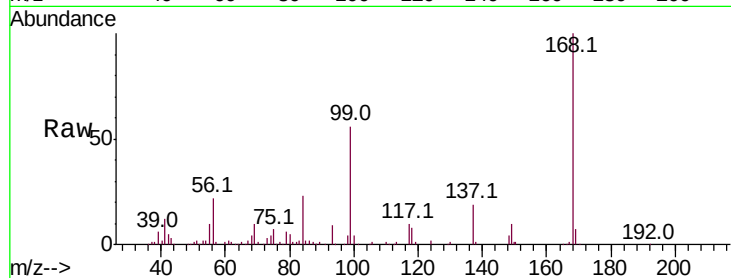
VD1006SBS01

Tot Ion:168 Resp: 419617

Ion Ratio Lower Upper

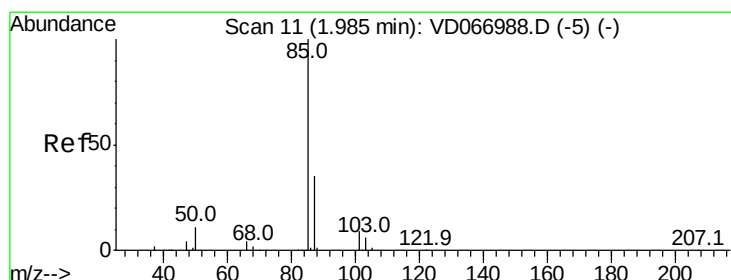
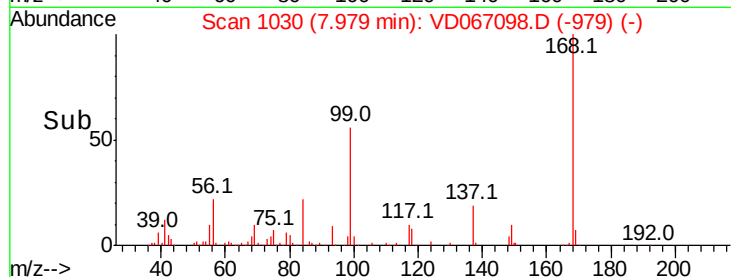
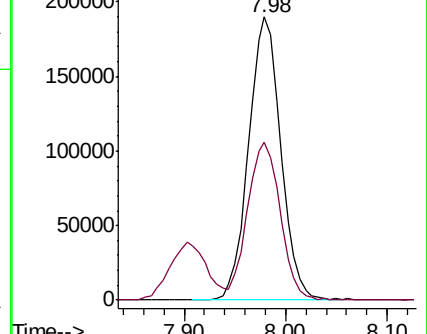
168 100

99 55.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 23.042 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067098.D

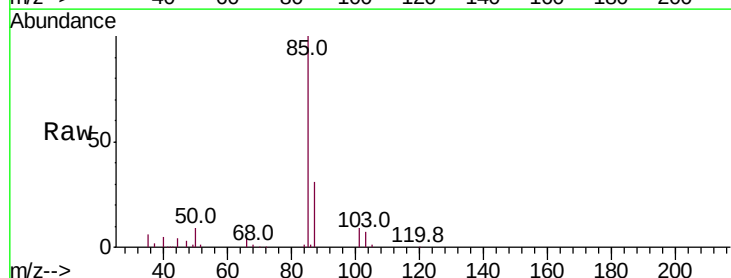
Acq: 06 Oct 2020 10:49

Tgt Ion: 85 Resp: 86866

Ion Ratio Lower Upper

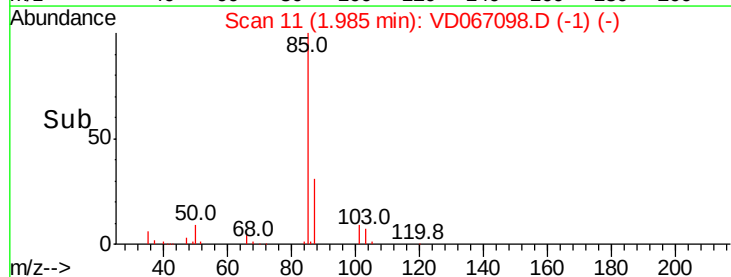
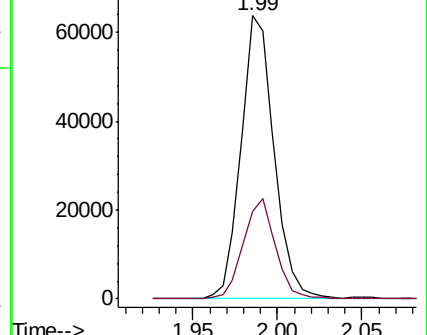
85 100

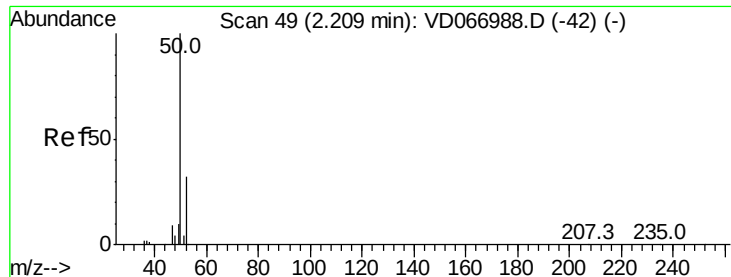
87 31.1 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.854 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

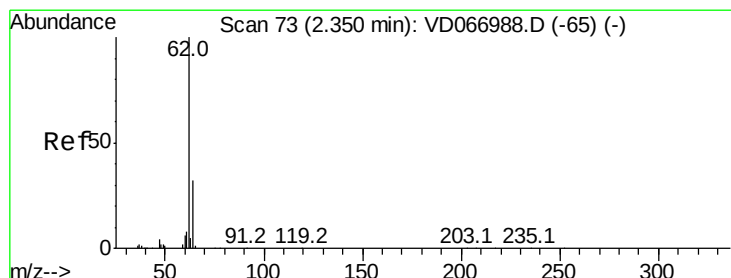
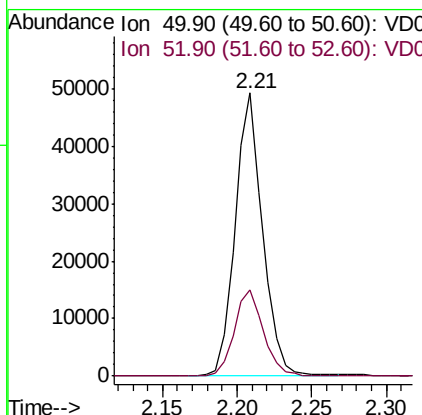
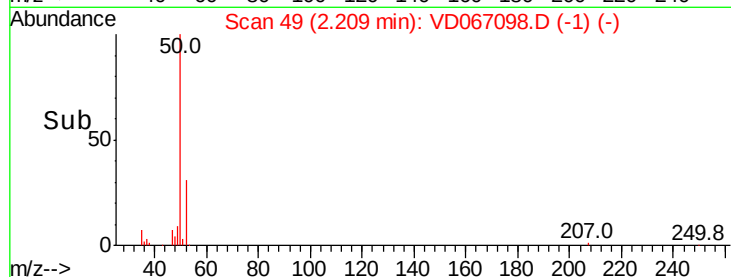
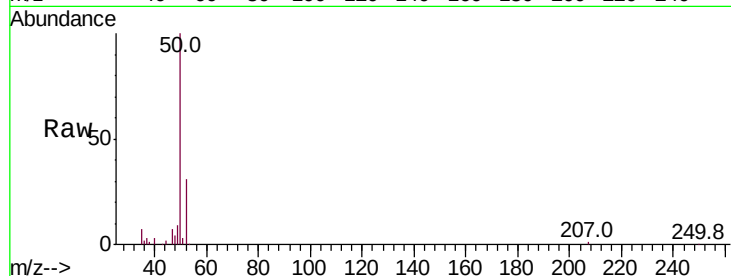
VD1006SBS01

Tot Ion: 50 Resp: 63005

Ion Ratio Lower Upper

50 100

52 30.6 25.3 37.9



#4

Vinyl Chloride

Concen: 18.299 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067098.D

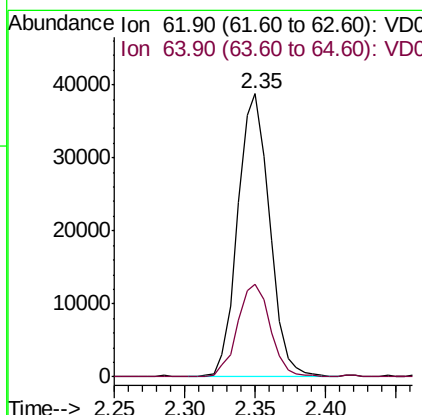
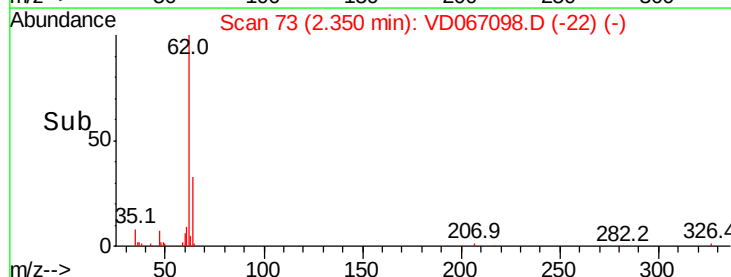
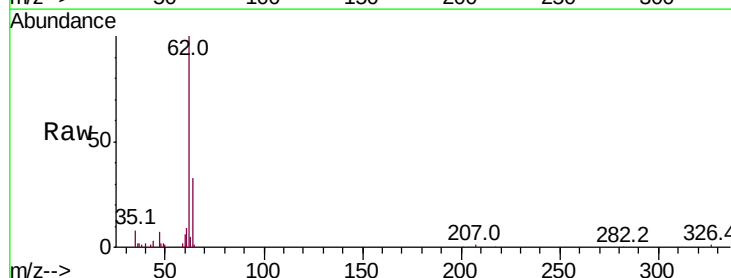
Acq: 06 Oct 2020 10:49

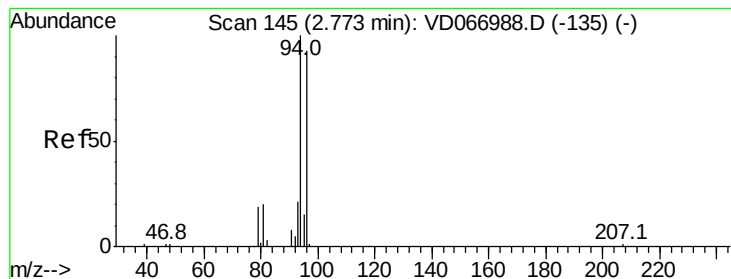
Tgt Ion: 62 Resp: 61317

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8





#5

Bromomethane

Concen: 18.004 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

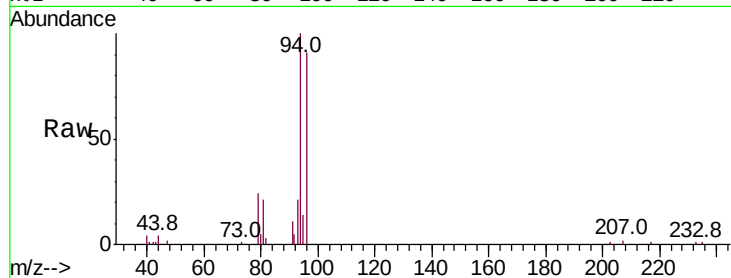
VD1006SBS01

Tot Ion: 94 Resp: 44872

Ion Ratio Lower Upper

94 100

96 90.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

20000

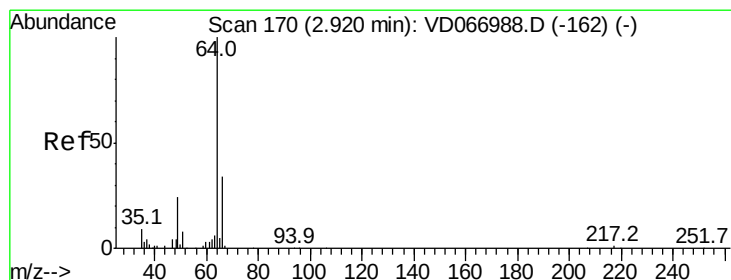
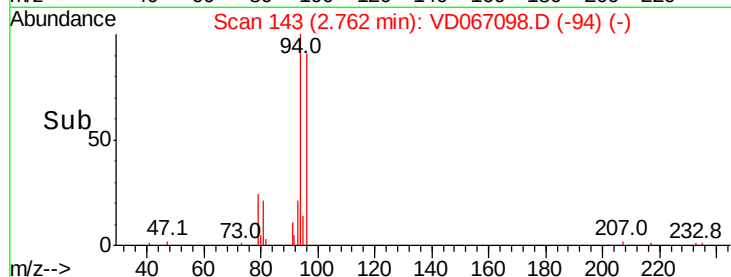
15000

10000

5000

0

Time--> 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 17.861 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067098.D

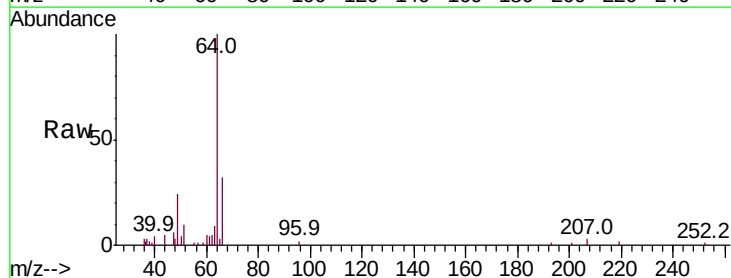
Acq: 06 Oct 2020 10:49

Tgt Ion: 64 Resp: 36447

Ion Ratio Lower Upper

64 100

66 31.7 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

20000

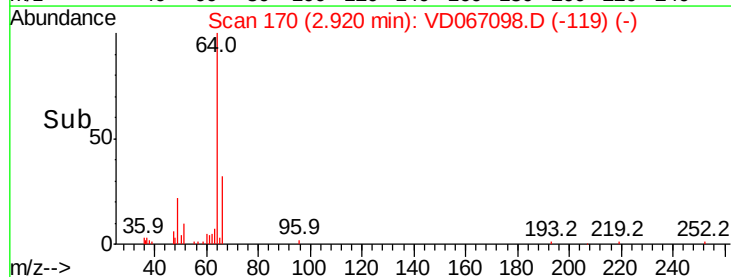
15000

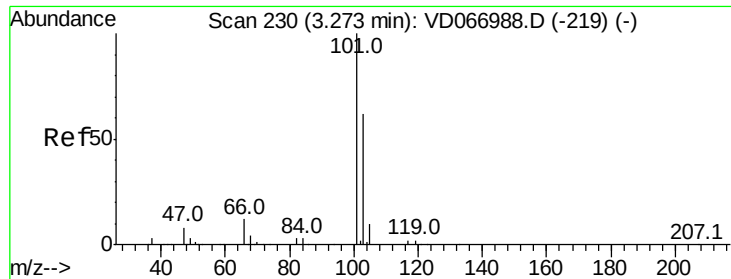
10000

5000

0

Time--> 2.85 2.90 2.95 3.00



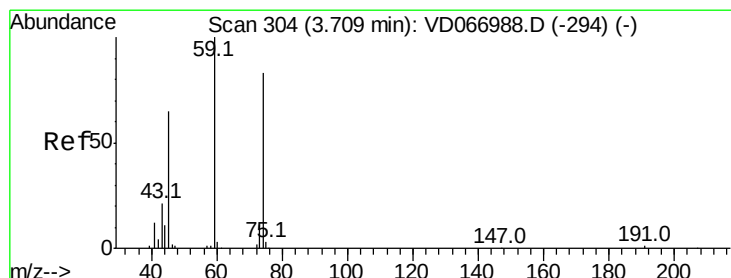
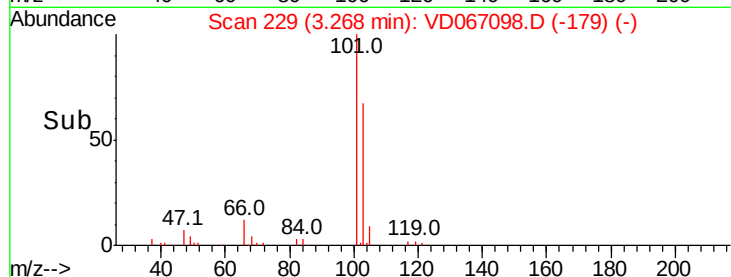
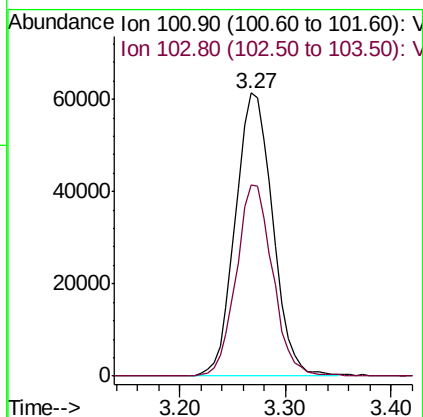
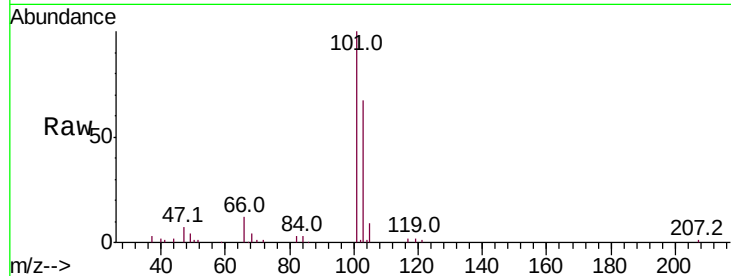


#7

Trichlorofluoromethane
Concen: 20.235 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

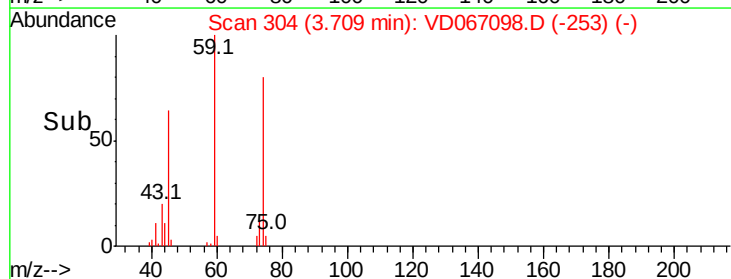
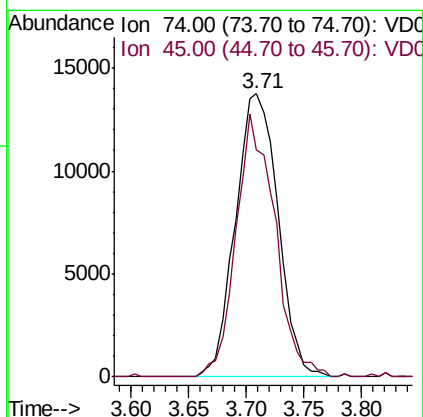
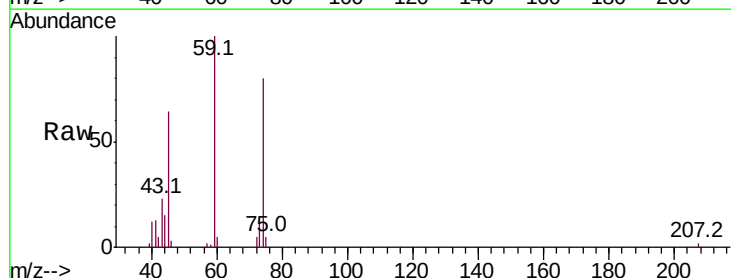
Tot Ion:101 Resp: 150643
Ion Ratio Lower Upper
101 100
103 67.4 49.8 74.8

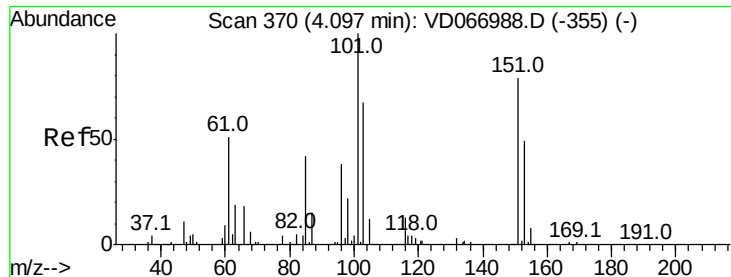


#8

Diethyl Ether
Concen: 19.143 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

Tgt Ion: 74 Resp: 35340
Ion Ratio Lower Upper
74 100
45 84.8 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.549 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

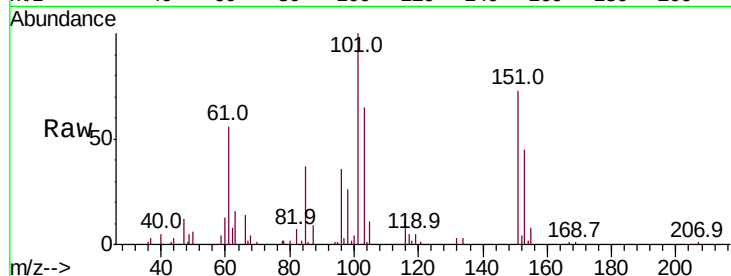
Tot Ion:101 Resp: 86464

Ion Ratio Lower Upper

101 100

85 42.2 33.8 50.8

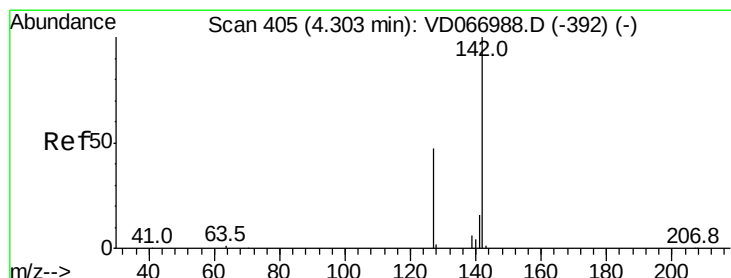
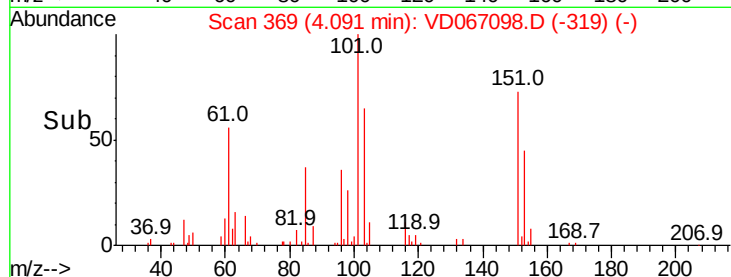
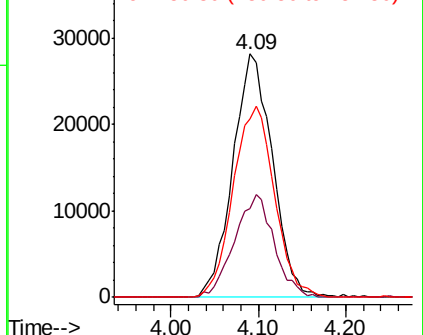
151 82.2 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.949 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

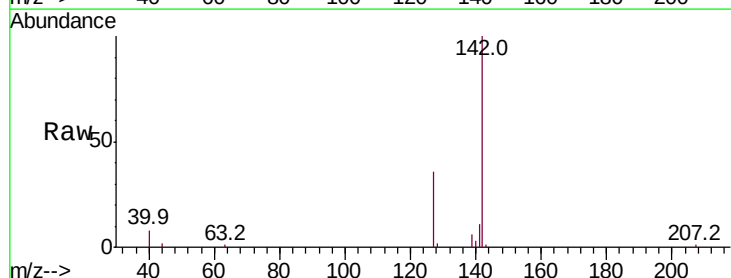
Tgt Ion:142 Resp: 69295

Ion Ratio Lower Upper

142 100

127 45.6 36.3 54.5

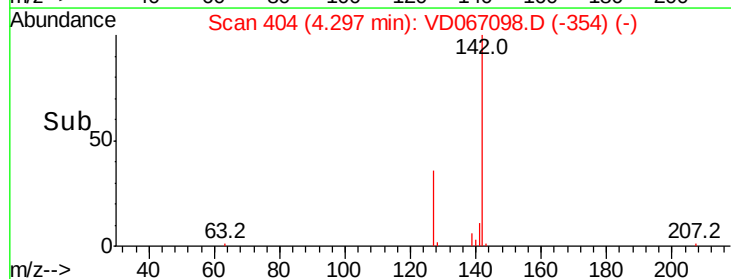
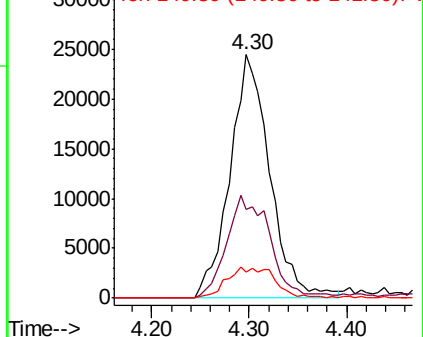
141 15.2 12.0 18.0

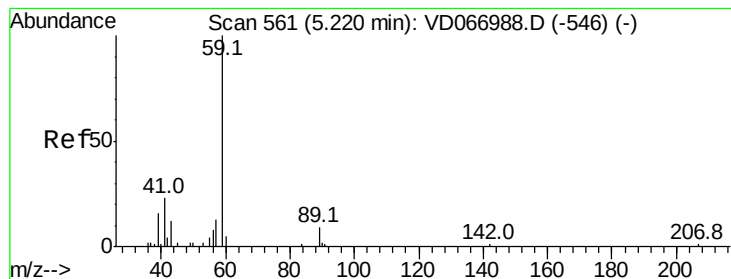


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 65.018 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

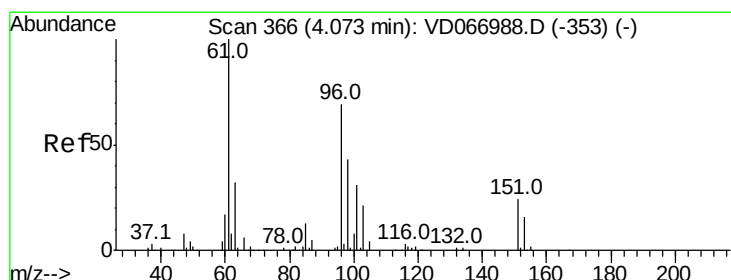
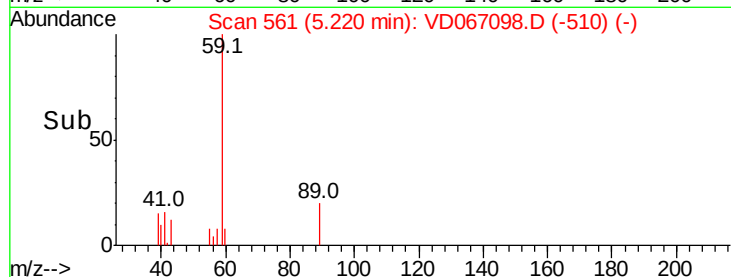
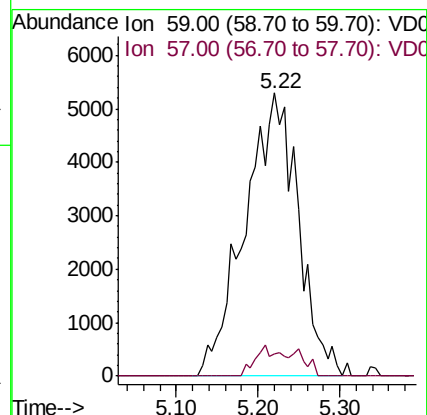
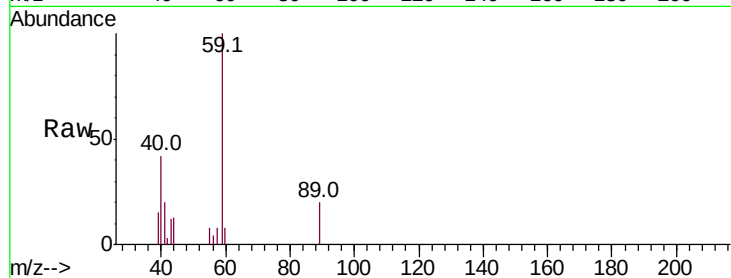
VD1006SBS01

Tot Ion: 59 Resp: 23917

Ion Ratio Lower Upper

59 100

57 5.4 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 19.690 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

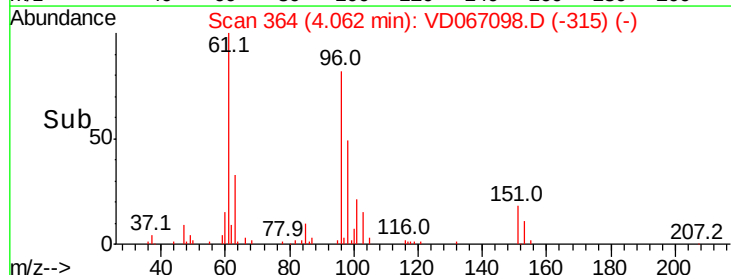
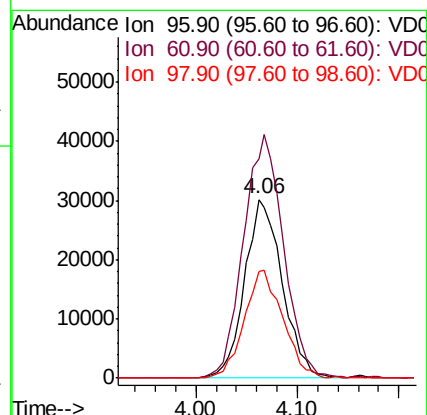
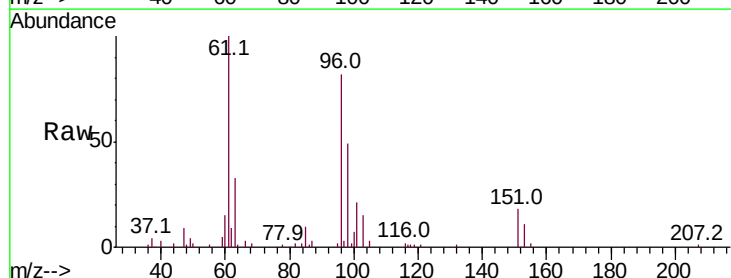
Tgt Ion: 96 Resp: 77886

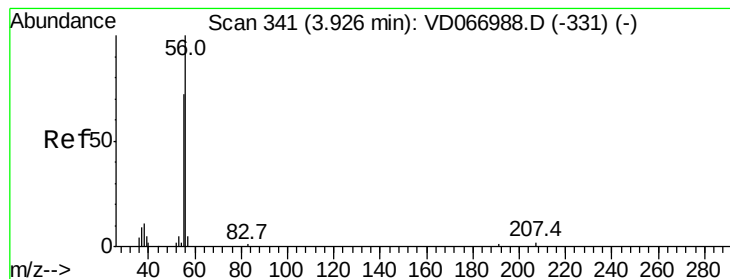
Ion Ratio Lower Upper

96 100

61 122.7 116.4 174.6

98 59.8 49.9 74.9





#13

Acrolein

Concen: 79.813 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

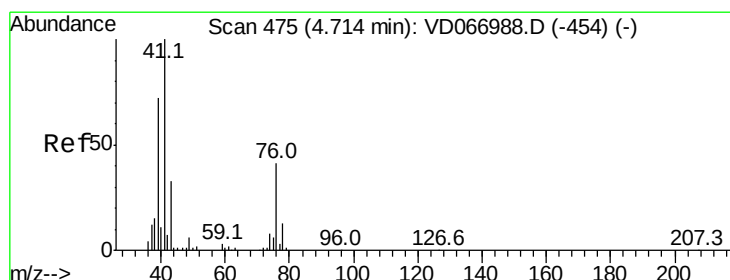
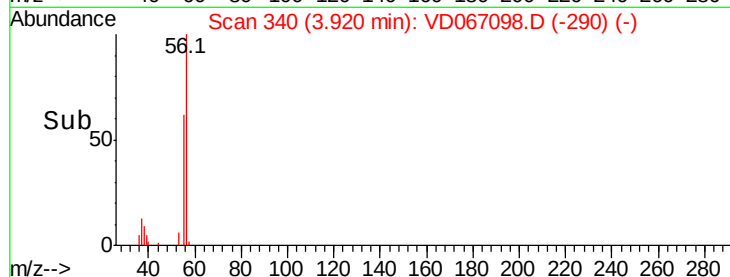
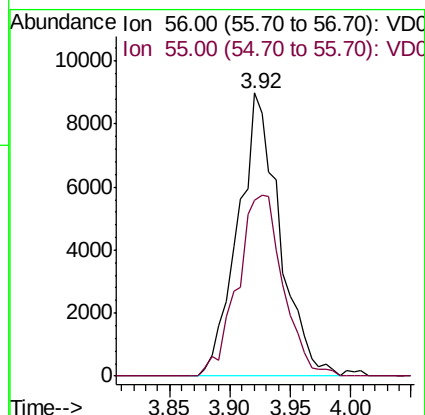
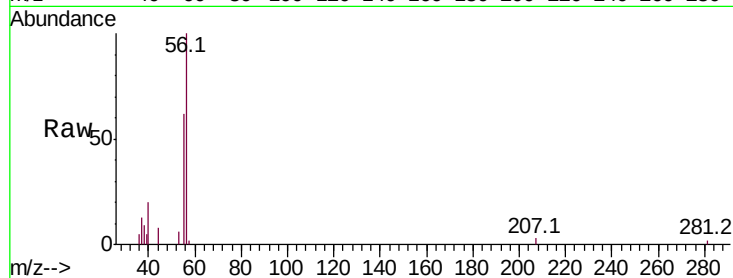
VD1006SBS01

Tot Ion: 56 Resp: 21600

Ion Ratio Lower Upper

56 100

55 70.0 56.9 85.3



#14

Allyl chloride

Concen: 18.138 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

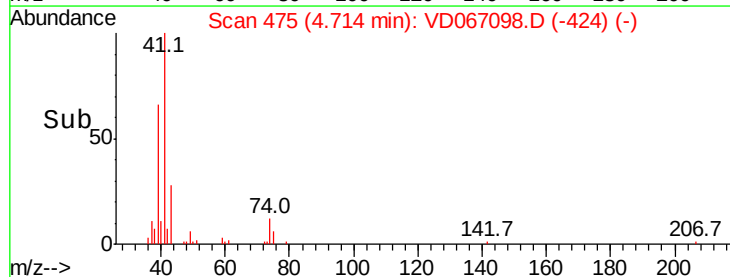
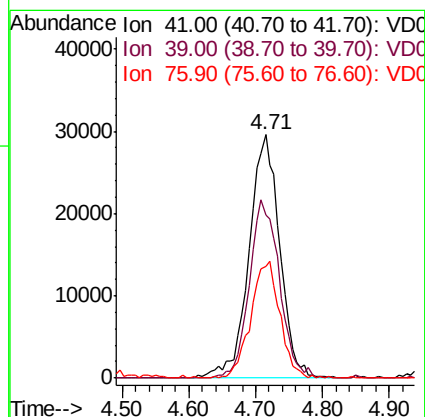
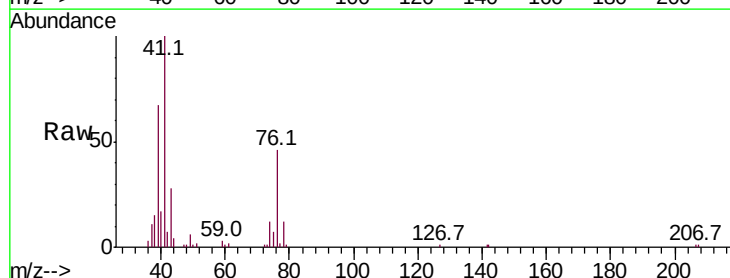
Tgt Ion: 41 Resp: 93204

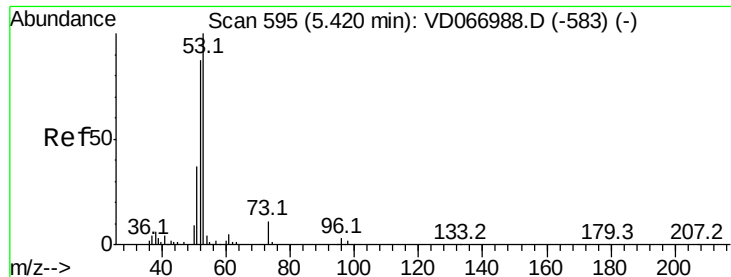
Ion Ratio Lower Upper

41 100

39 71.8 56.2 84.2

76 45.5 34.2 51.2





#15

Acrylonitrile

Concen: 89.598 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

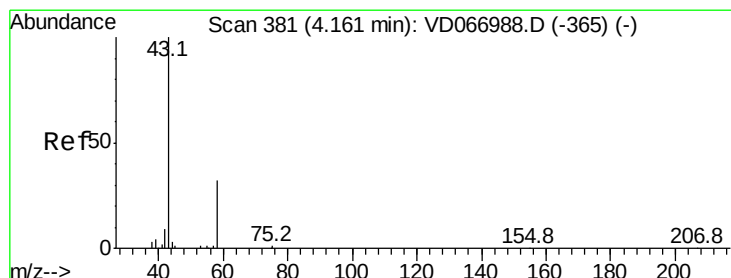
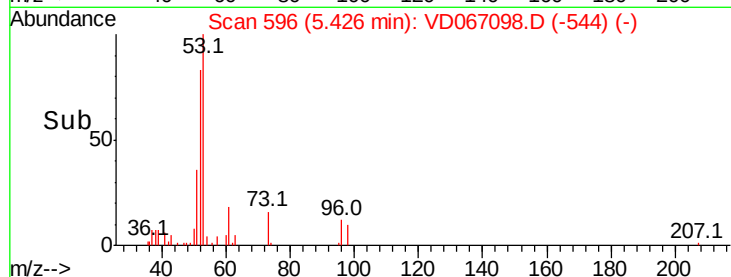
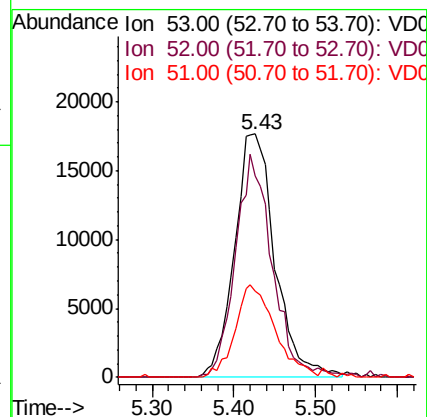
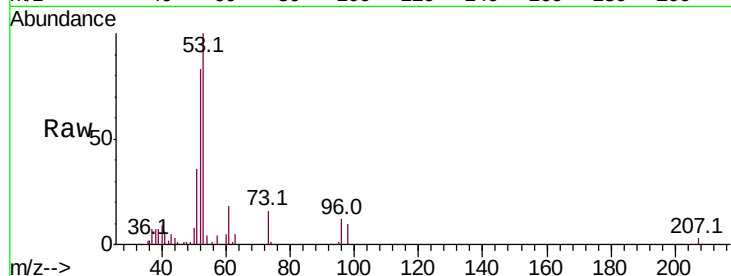
Tot Ion: 53 Resp: 60877

Ion Ratio Lower Upper

53 100

52 83.5 67.3 100.9

51 37.5 30.2 45.2



#16

Acetone

Concen: 95.583 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067098.D

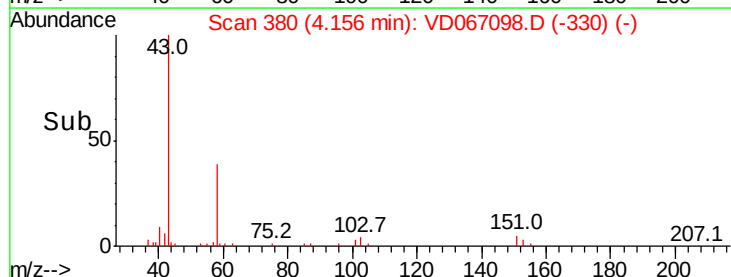
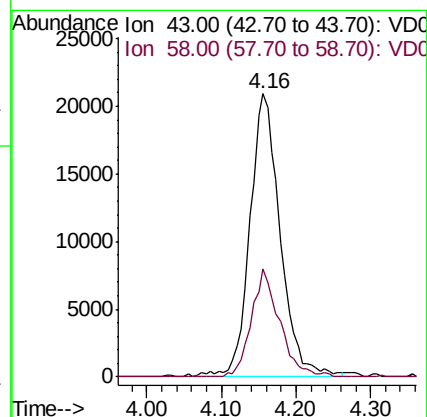
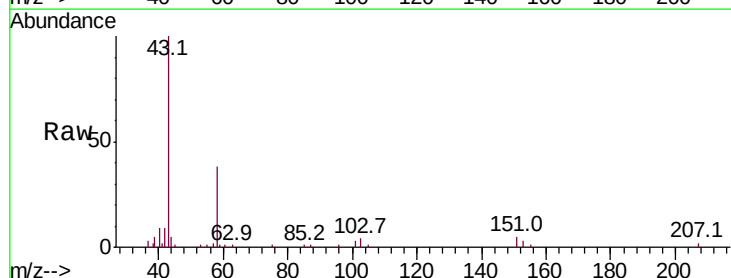
Acq: 06 Oct 2020 10:49

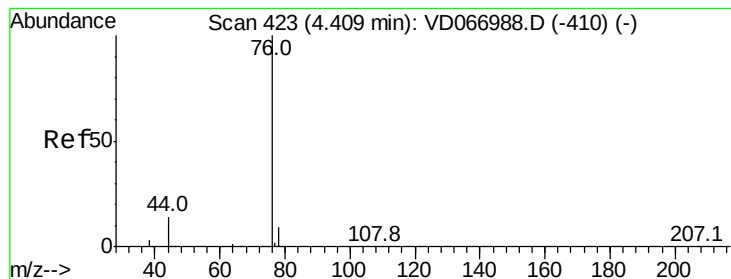
Tgt Ion: 43 Resp: 58972

Ion Ratio Lower Upper

43 100

58 38.0 25.9 38.9





#17

Carbon Disulfide

Concen: 19.498 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

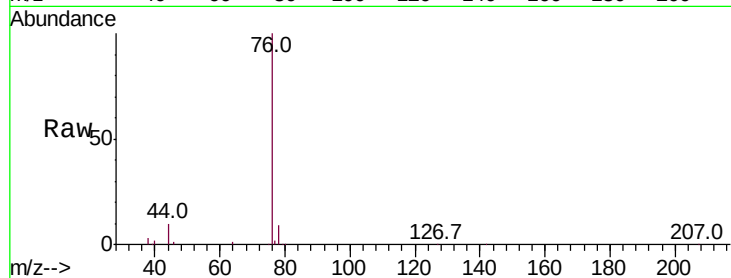
VD1006SBS01

Tot Ion: 76 Resp: 236695

Ion Ratio Lower Upper

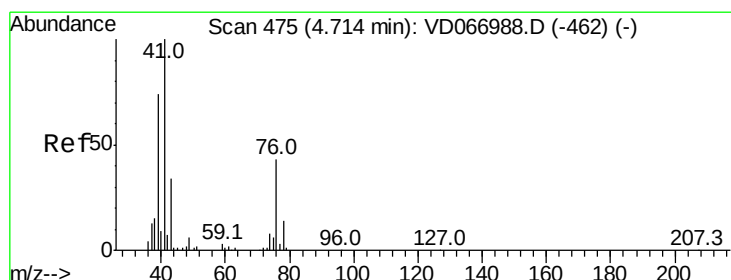
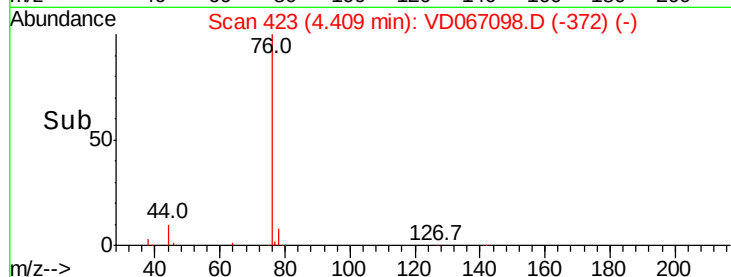
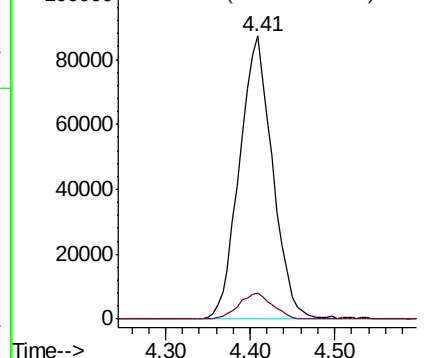
76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 18.695 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067098.D

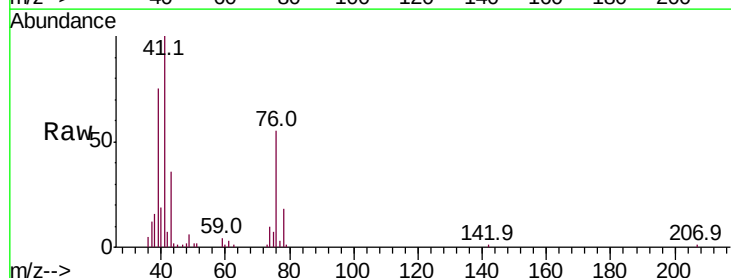
Acq: 06 Oct 2020 10:49

Tgt Ion: 43 Resp: 28989

Ion Ratio Lower Upper

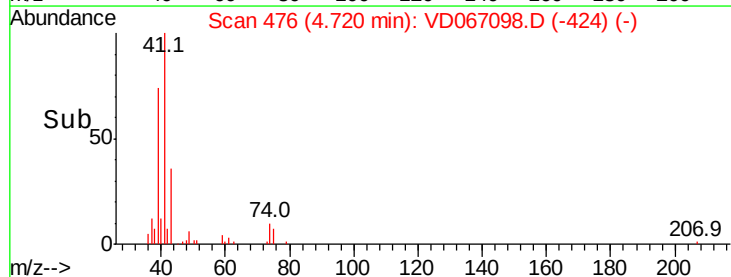
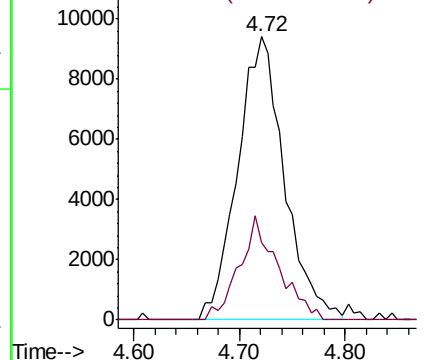
43 100

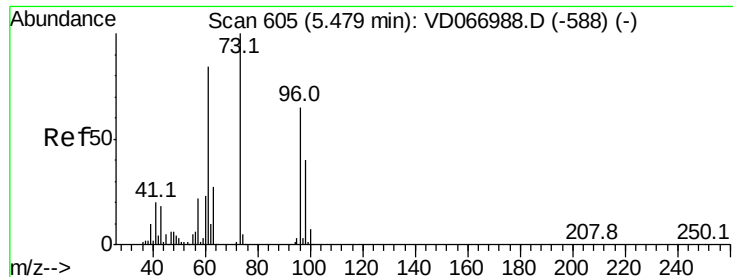
74 30.4 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



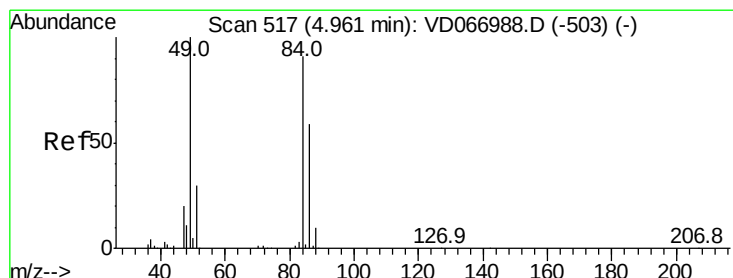
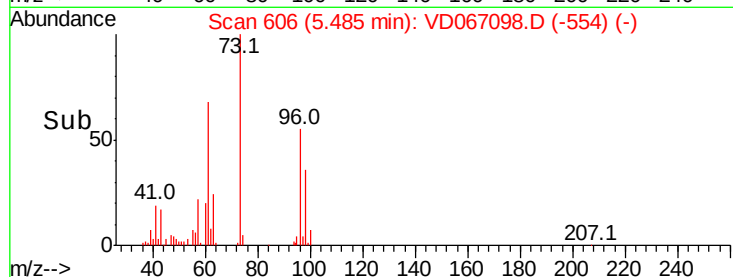
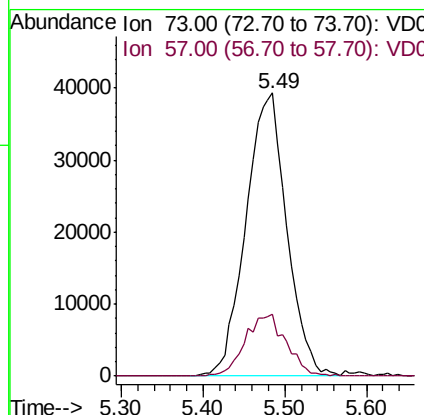
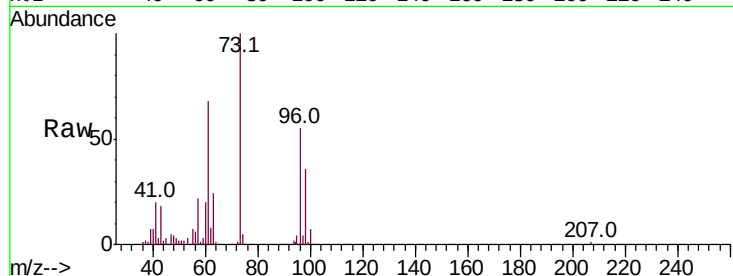


#19

Methyl tert-butyl Ether
 Concen: 18.961 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

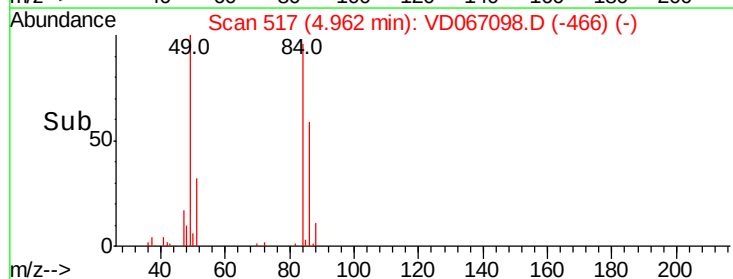
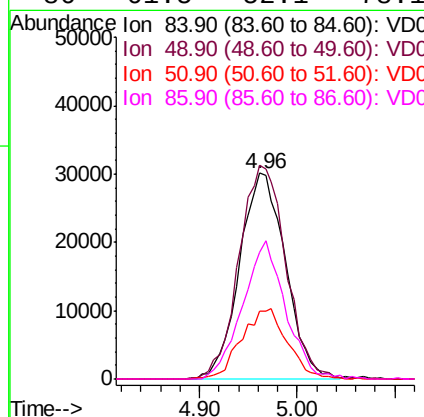
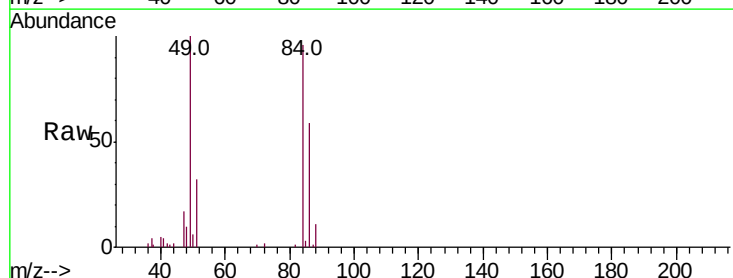
Tot Ion: 73 Resp: 136921
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.4 26.0

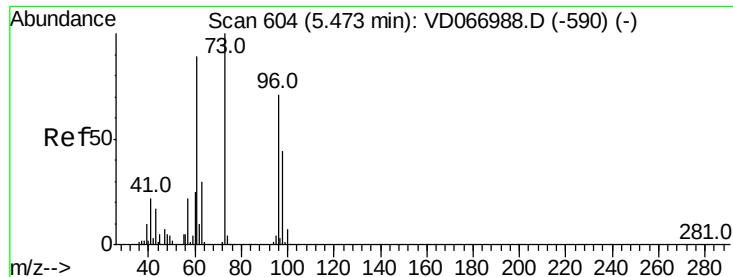


#20

Methylene Chloride
 Concen: 17.906 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

Tgt Ion: 84 Resp: 98840
 Ion Ratio Lower Upper
 84 100
 49 103.0 88.2 132.2
 51 32.7 26.6 39.8
 86 61.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.764 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

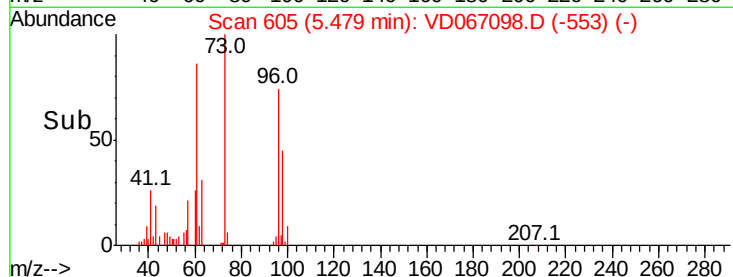
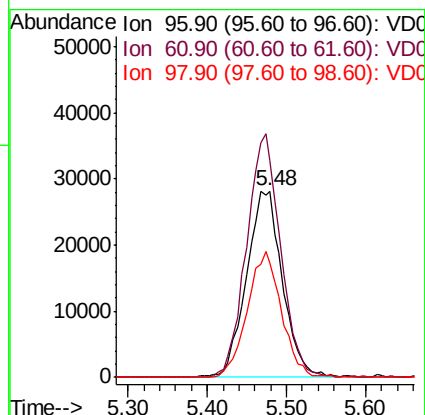
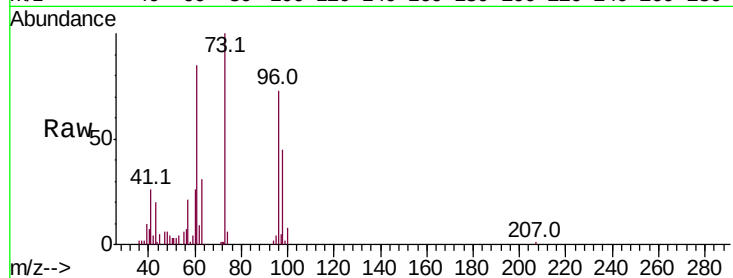
Tot Ion: 96 Resp: 88969

Ion Ratio Lower Upper

96 100

61 116.5 99.6 149.4

98 61.3 49.4 74.2



#22

Diisopropyl ether

Concen: 19.024 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Tgt Ion: 45 Resp: 178474

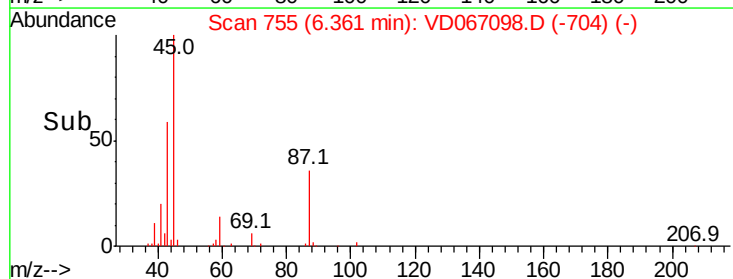
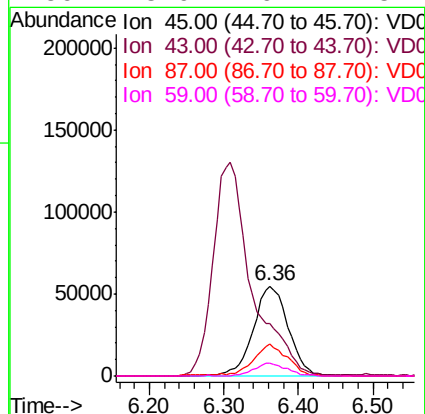
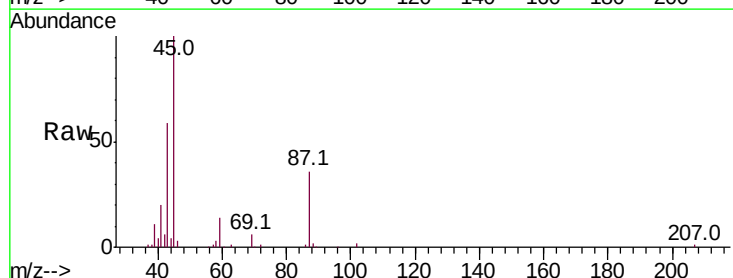
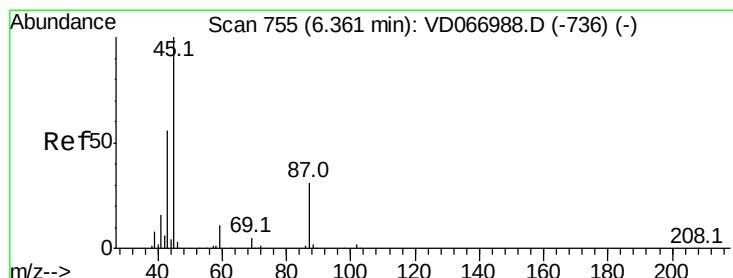
Ion Ratio Lower Upper

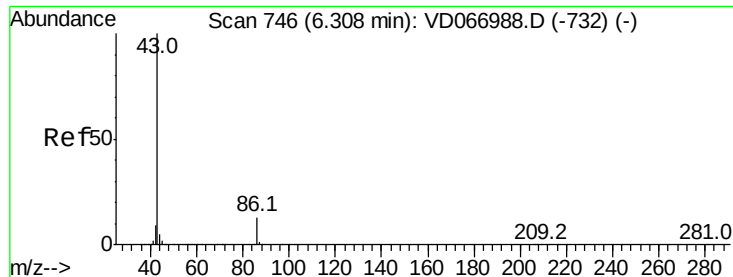
45 100

43 57.8 45.2 67.8

87 35.6 25.6 38.4

59 13.9 9.1 13.7#





#23

Vinyl Acetate

Concen: 88.497 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

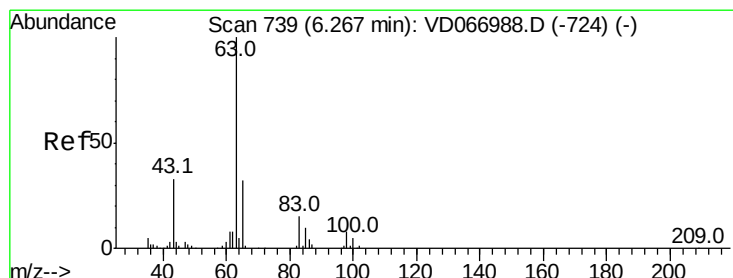
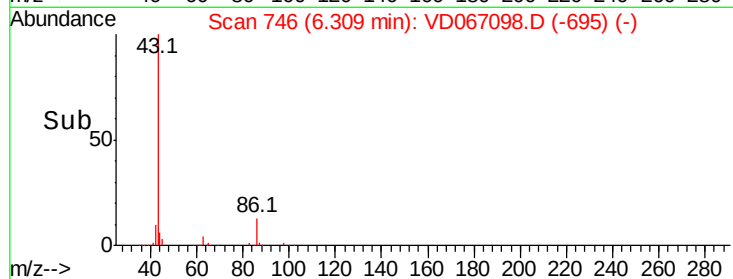
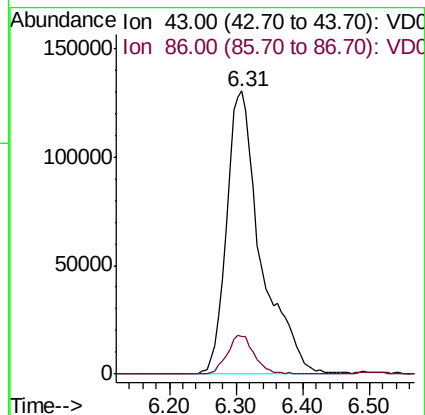
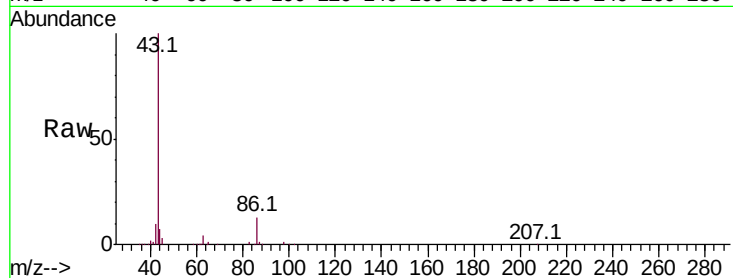
VD1006SBS01

Tot Ion: 43 Resp: 470461

Ion Ratio Lower Upper

43 100

86 13.1 10.2 15.2



#24

1,1-Dichloroethane

Concen: 19.399 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

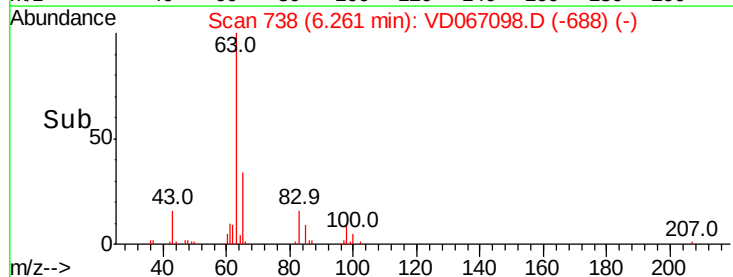
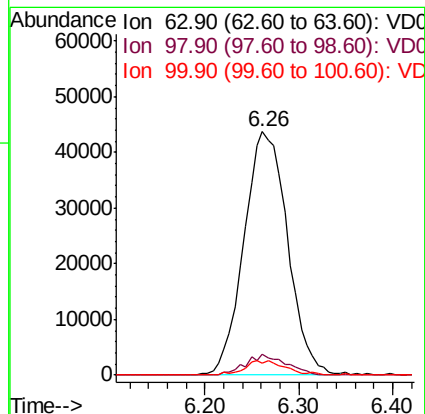
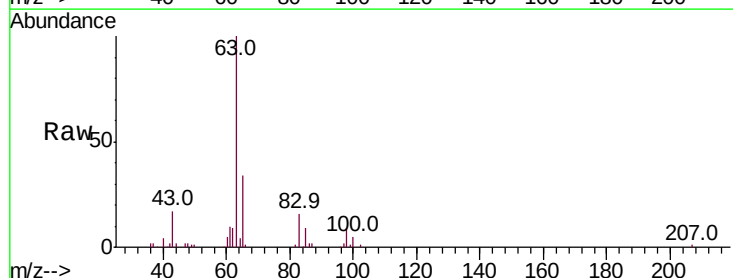
Tgt Ion: 63 Resp: 140454

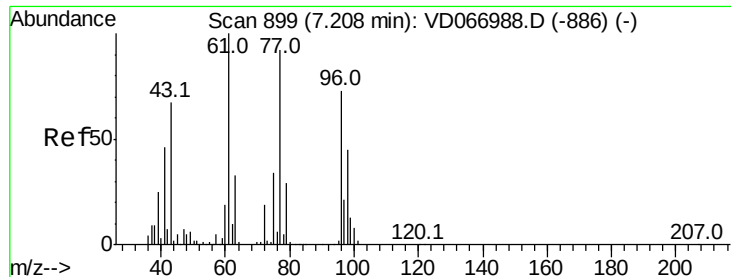
Ion Ratio Lower Upper

63 100

98 8.8 4.2 12.6

100 5.0 2.6 7.8





#25

2-Butanone

Concen: 86.336 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

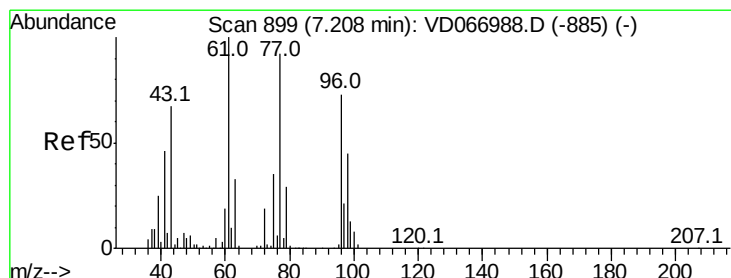
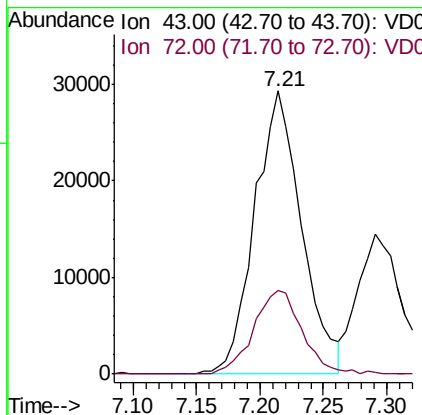
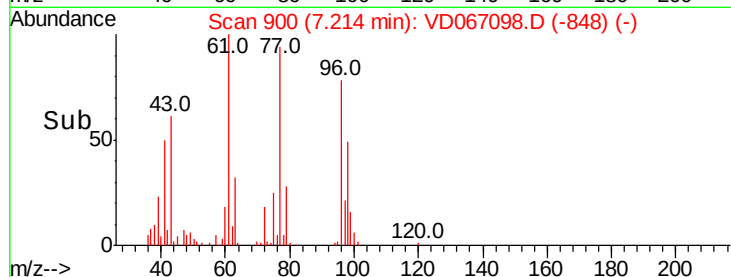
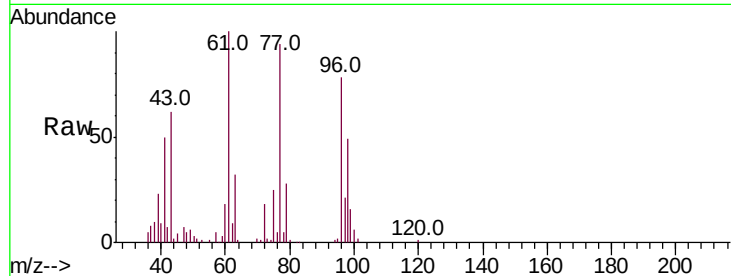
VD1006SBS01

Tot Ion: 43 Resp: 75520

Ion Ratio Lower Upper

43 100

72 29.6 22.8 34.2



#26

2,2-Dichloropropane

Concen: 19.303 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067098.D

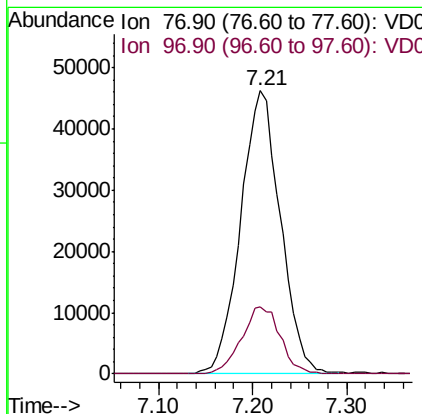
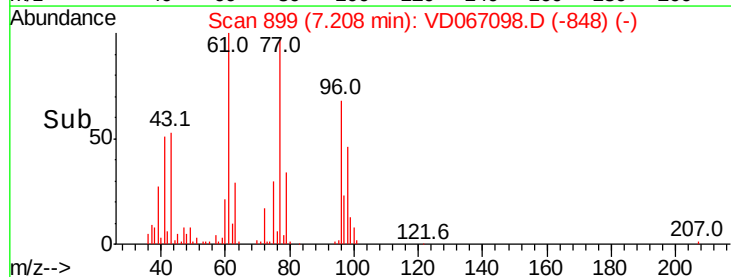
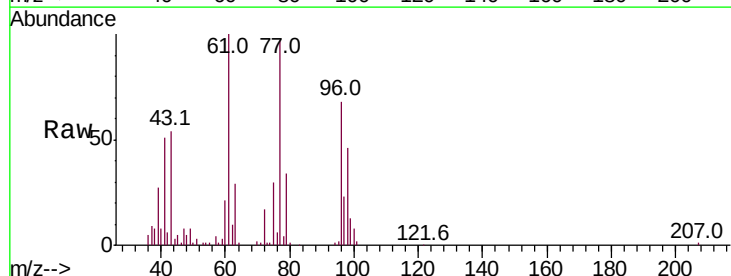
Acq: 06 Oct 2020 10:49

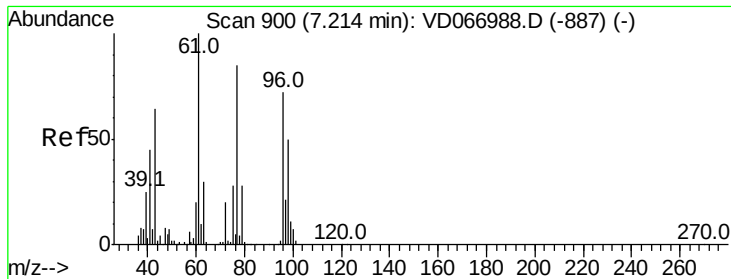
Tgt Ion: 77 Resp: 135185

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2



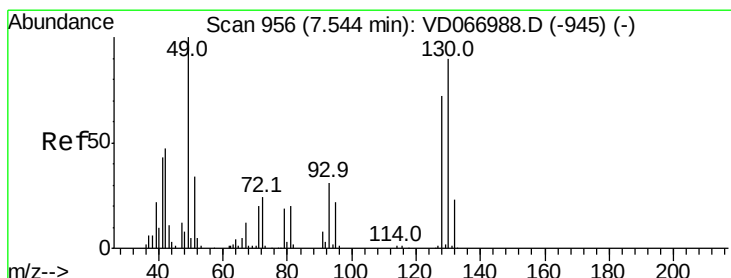
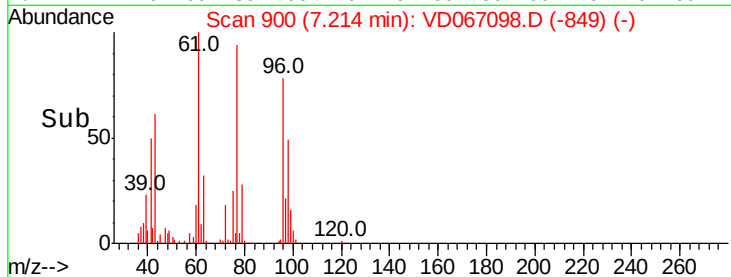
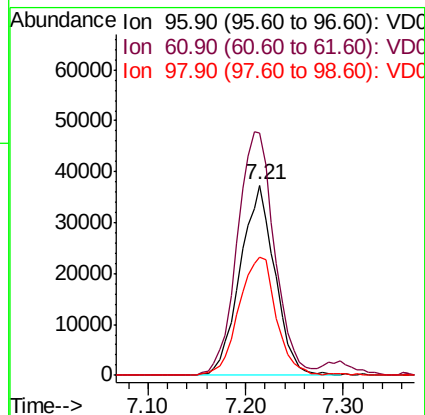
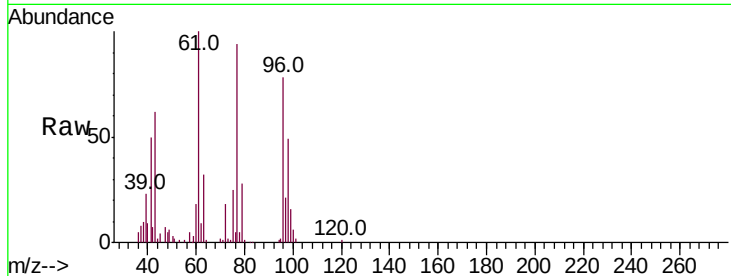


#27

cis-1,2-Dichloroethene
 Concen: 19.283 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

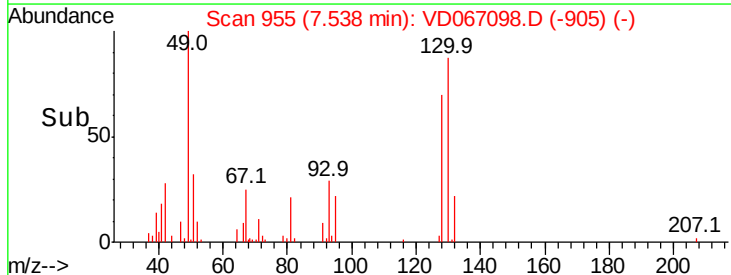
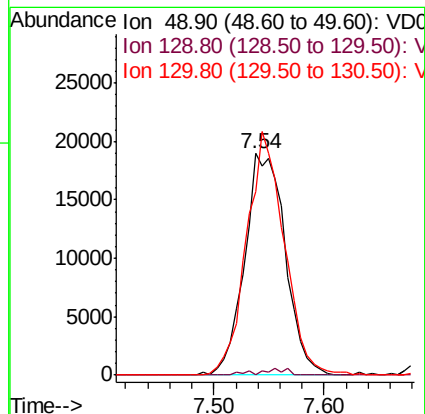
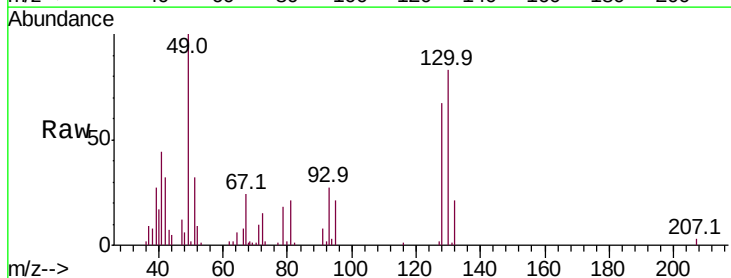
Tot Ion: 96 Resp: 92708
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 269.2
 98 66.6 0.0 129.4

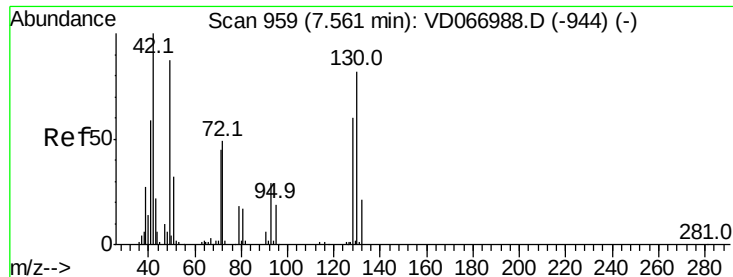


#28

Bromochloromethane
 Concen: 17.518 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

Tgt Ion: 49 Resp: 48981
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.6
 130 102.4 74.1 111.1





#29

Tetrahydrofuran

Concen: 88.389 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

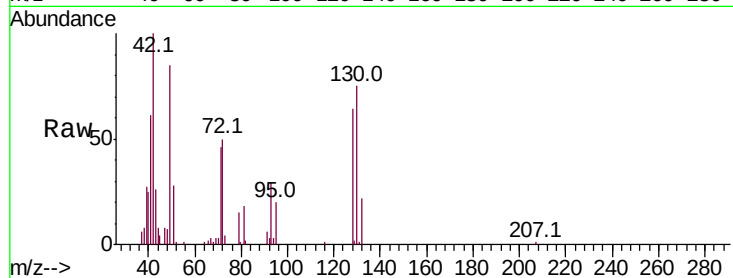
Tot Ion: 42 Resp: 44456

Ion Ratio Lower Upper

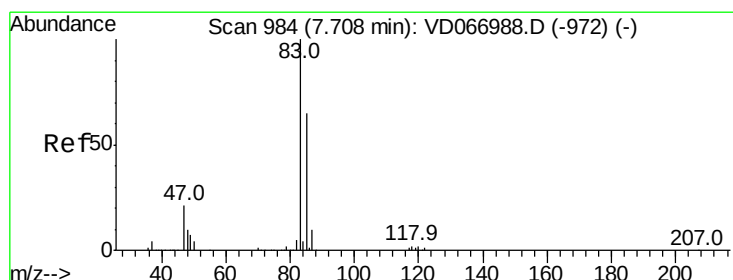
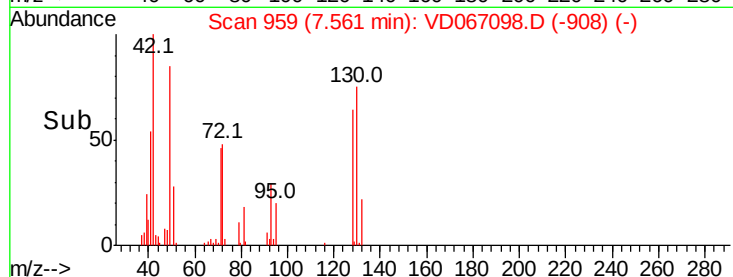
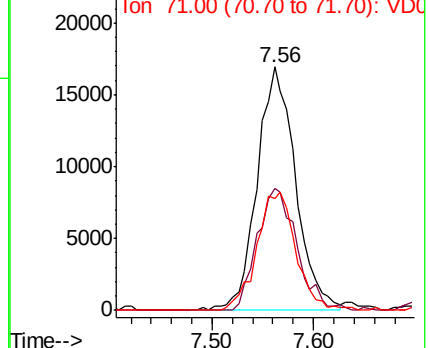
42 100

72 51.8 39.1 58.7

71 49.4 34.2 51.4



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



#30

Chloroform

Concen: 19.837 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.01 min

Lab File: VD067098.D

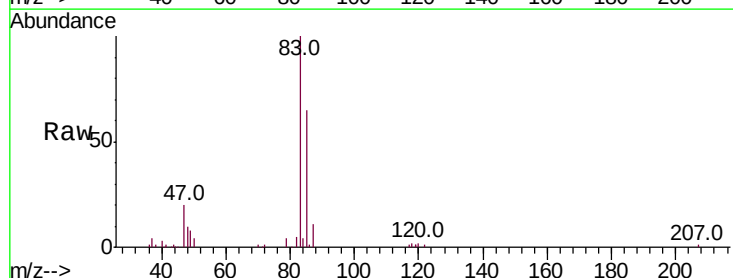
Acq: 06 Oct 2020 10:49

Tgt Ion: 83 Resp: 155802

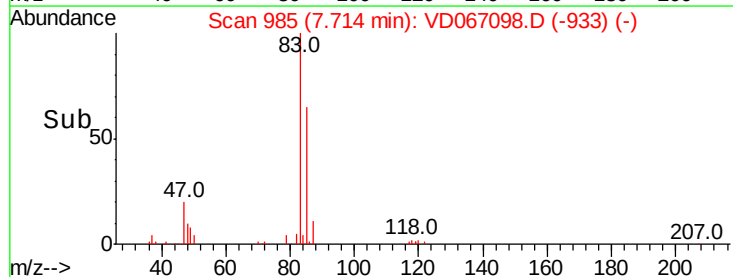
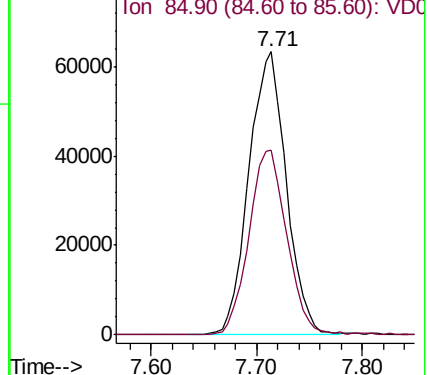
Ion Ratio Lower Upper

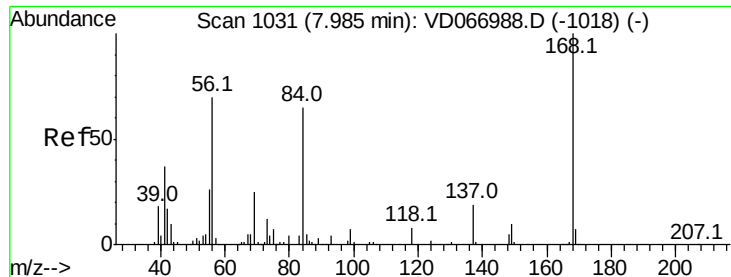
83 100

85 65.1 52.3 78.5



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

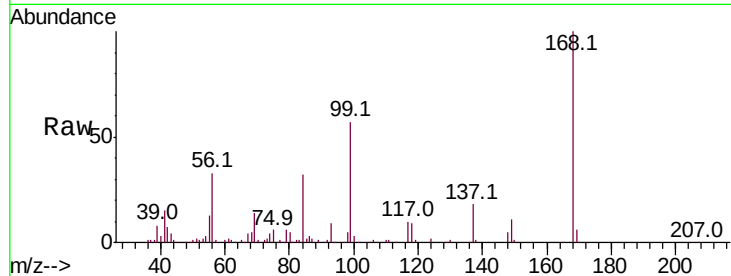




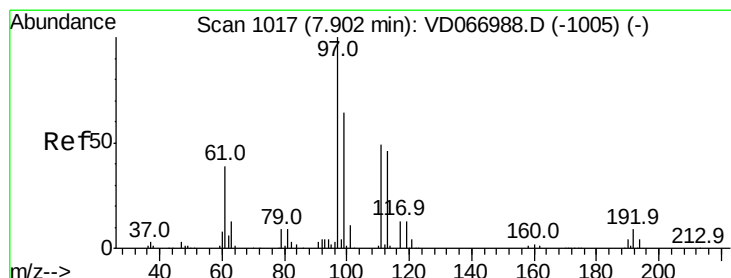
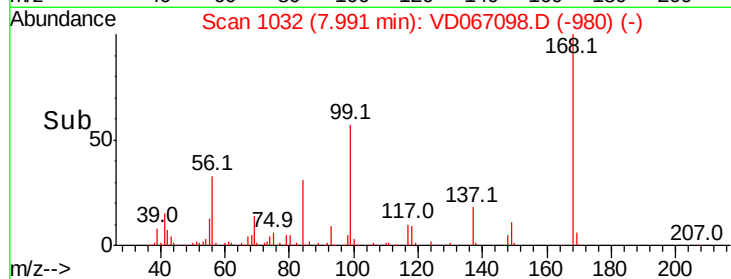
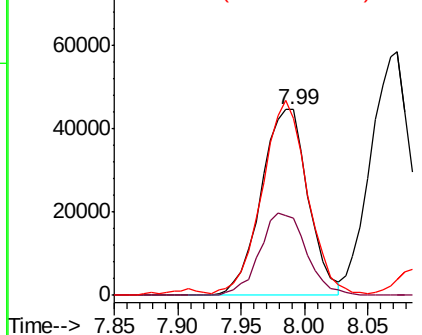
#31
Cyclohexane
Concen: 18.972 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

Tot Ion: 56 Resp: 115160
Ion Ratio Lower Upper
56 100
69 41.6 29.0 43.6
84 91.4 74.2 111.2

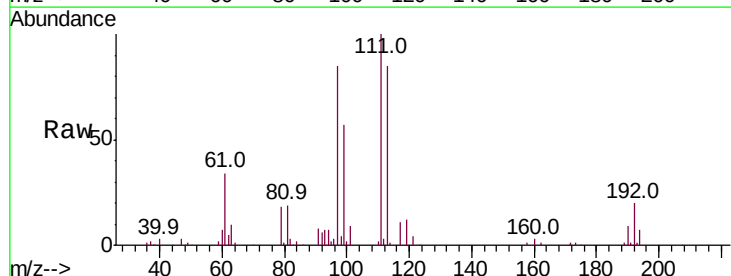


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

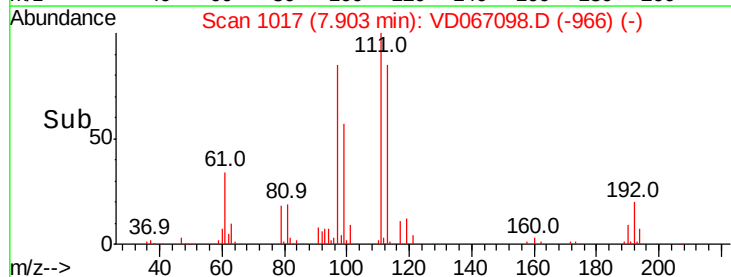
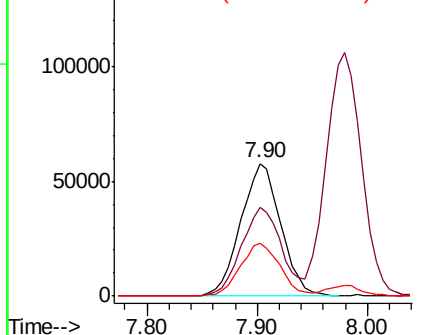


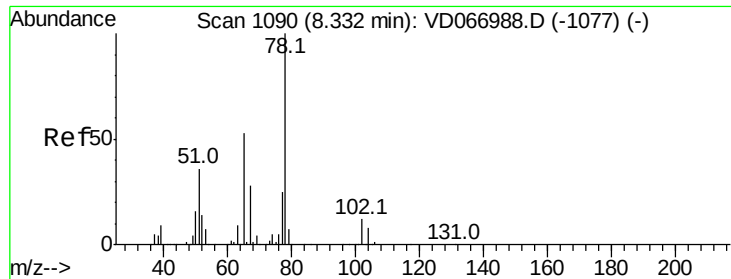
#32
1,1,1-Trichloroethane
Concen: 20.191 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

Tgt Ion: 97 Resp: 146967
Ion Ratio Lower Upper
97 100
99 68.6 52.6 78.8
61 39.6 32.8 49.2



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

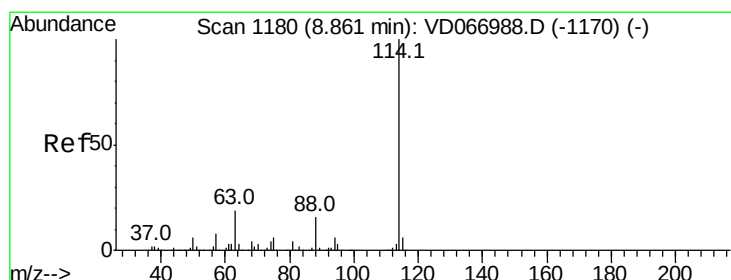
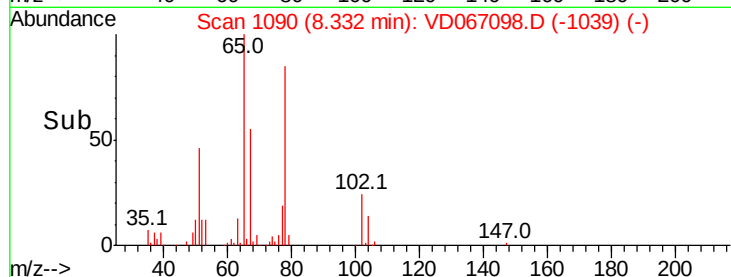
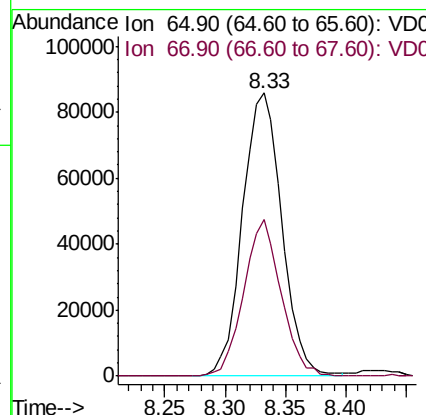
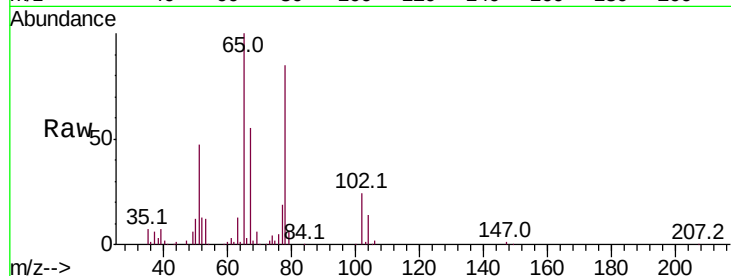




#33
 1,2-Dichloroethane-d4
 Concen: 48.231 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

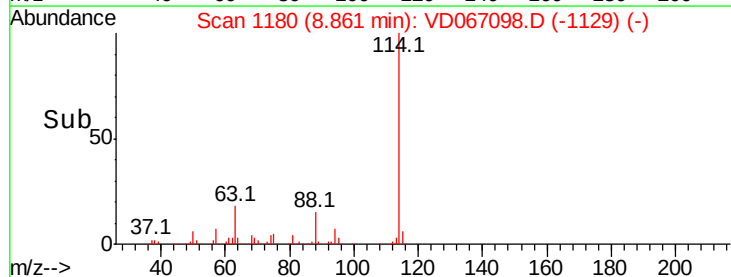
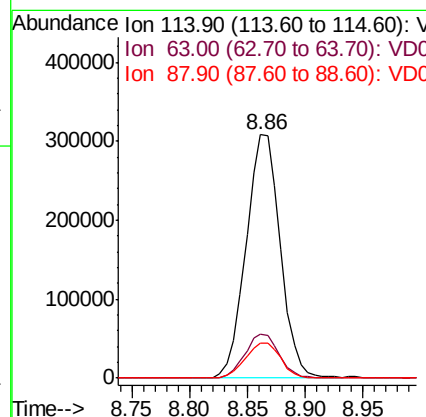
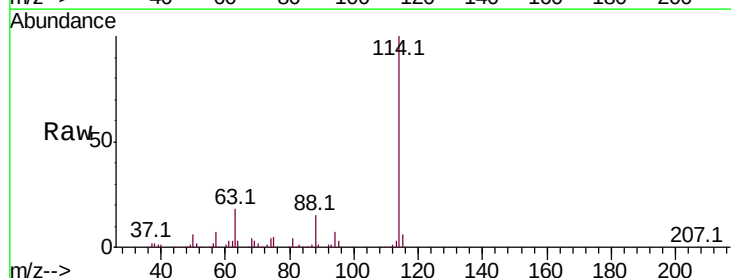
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

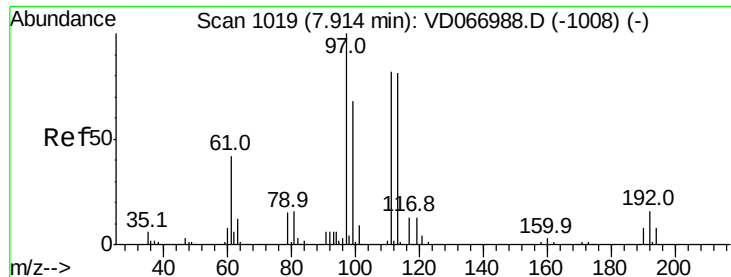
Tot Ion: 65 Resp: 194937
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

Tgt Ion: 114 Resp: 635606
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.4
 88 14.5 0.0 31.2

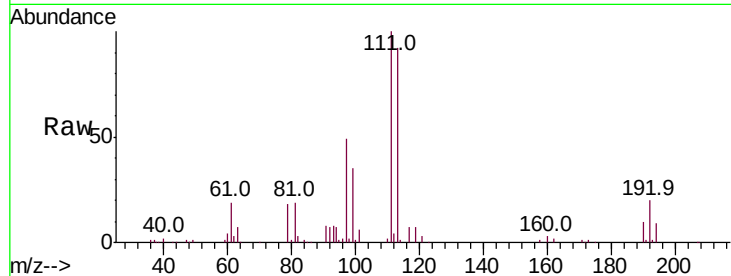




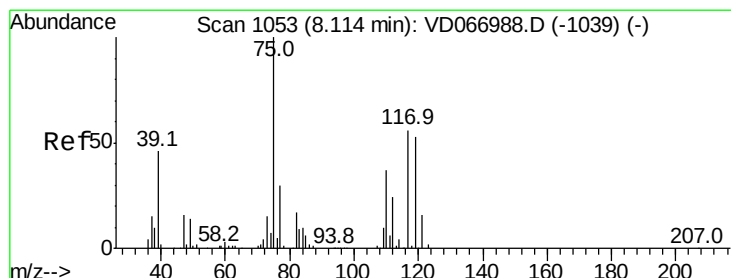
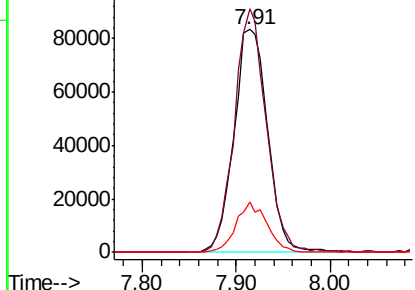
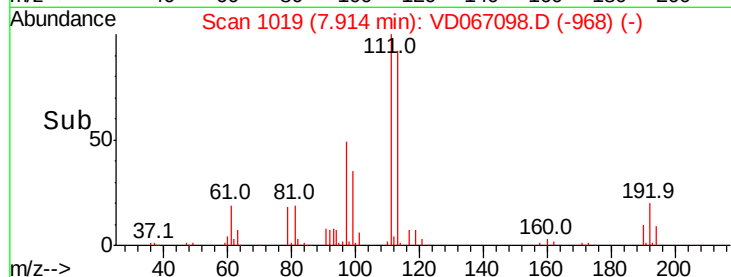
#35
 Dibromofluoromethane
 Concen: 49.990 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.4
192	20.4	15.5	23.3

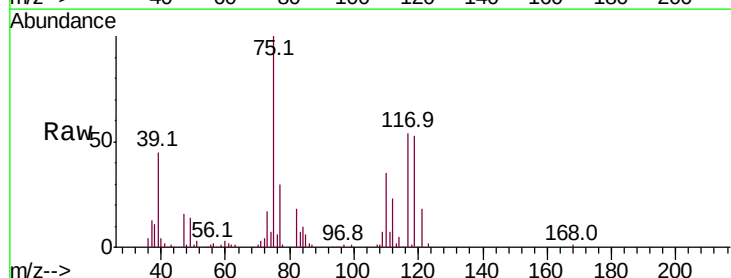


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

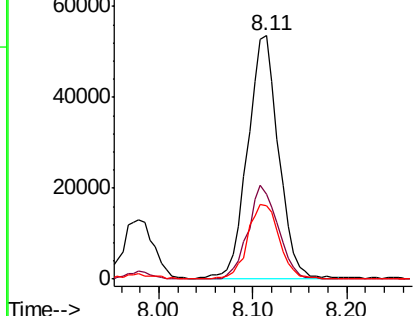
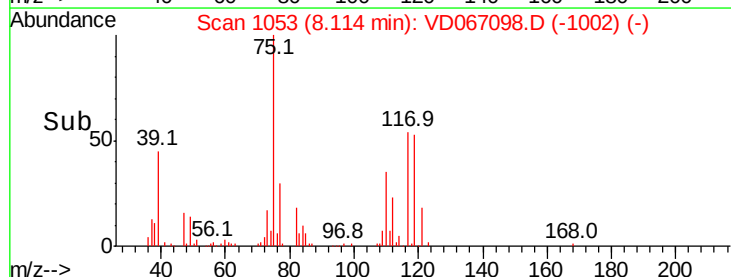


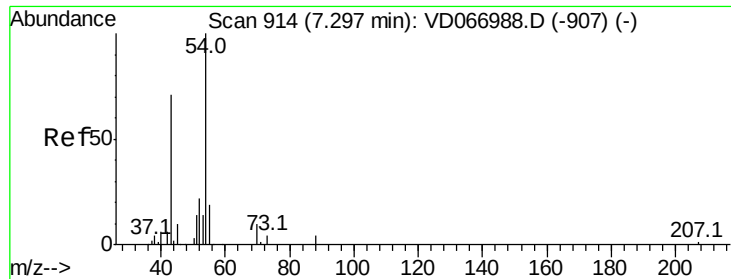
#36
 1,1-Dichloropropene
 Concen: 20.720 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.4	55.0
77	31.4	24.8	37.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

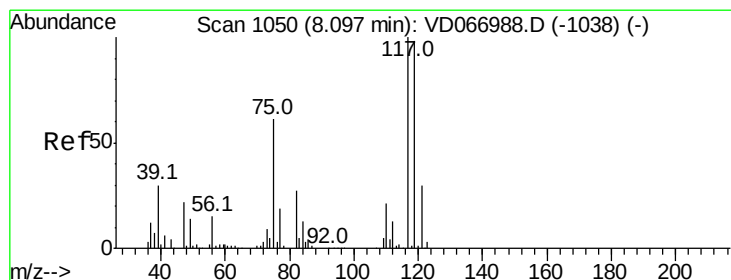
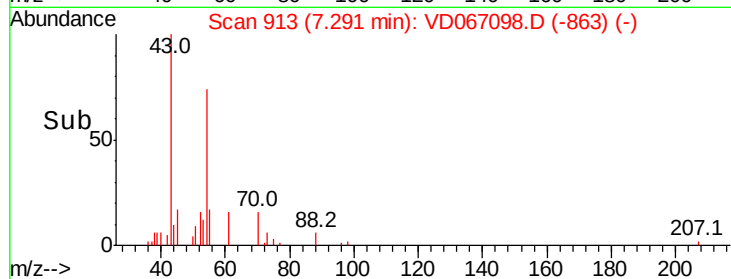
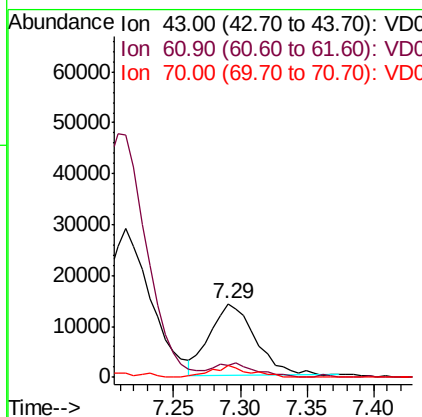
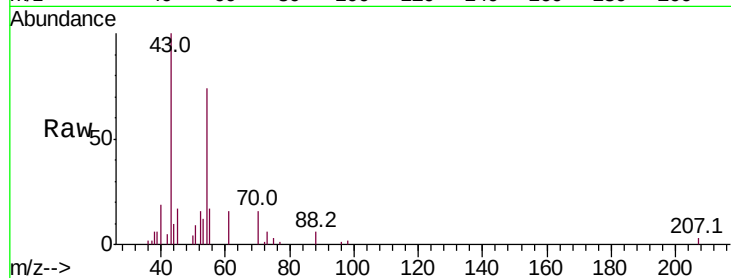




#37
Ethyl Acetate
Concen: 16.531 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

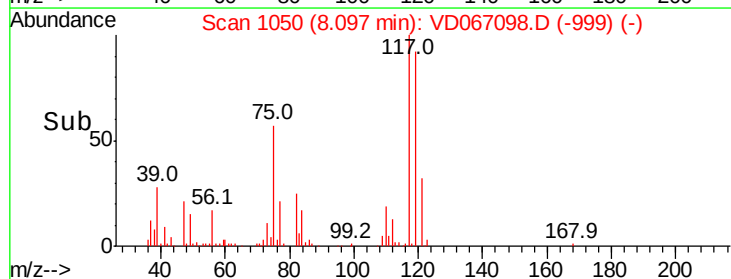
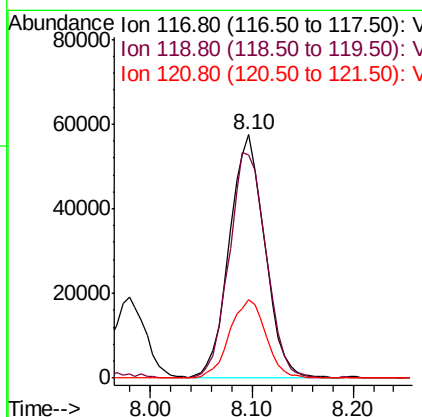
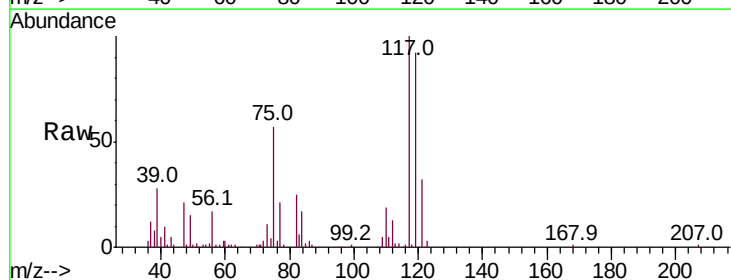
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

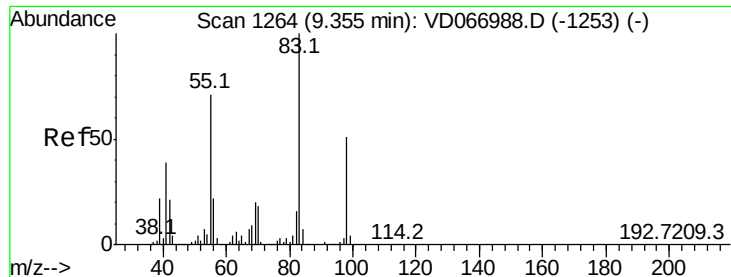
Tot Ion: 43 Resp: 33928
Ion Ratio Lower Upper
43 100
61 19.7 12.5 18.7#
70 13.6 9.4 14.0



#38
Carbon Tetrachloride
Concen: 21.716 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

Tgt Ion: 117 Resp: 139206
Ion Ratio Lower Upper
117 100
119 91.6 78.7 118.1
121 32.4 24.2 36.2

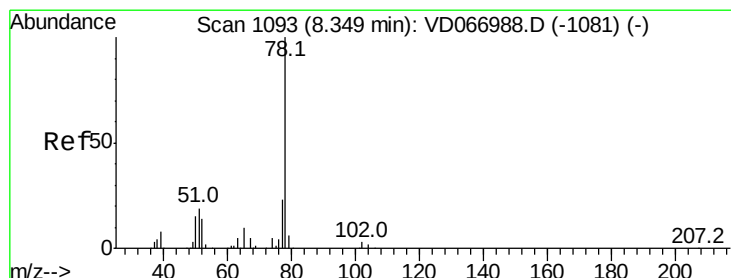
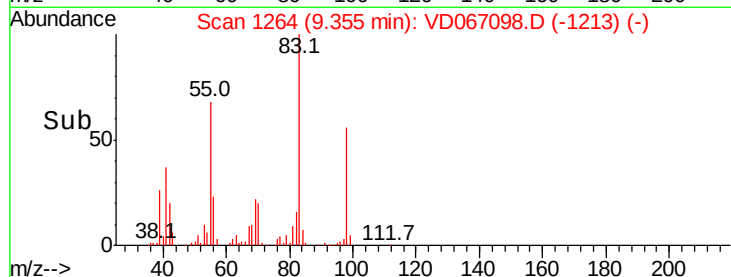
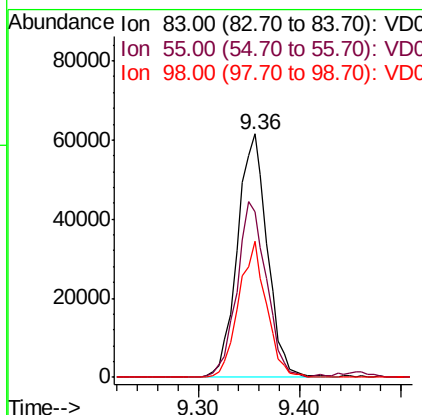
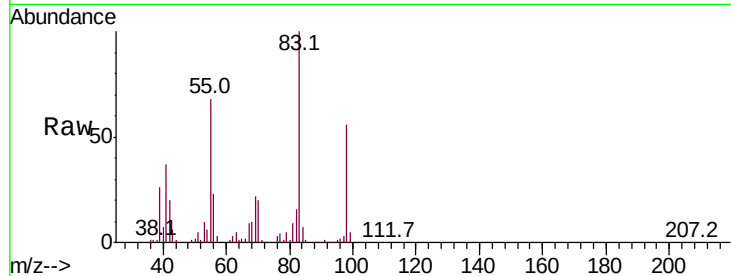




#39
Methylvlcyclohexane
Concen: 20.148 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

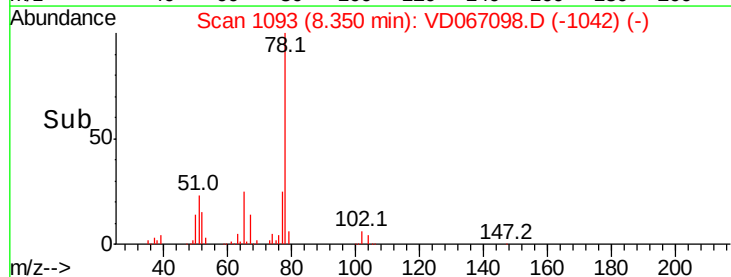
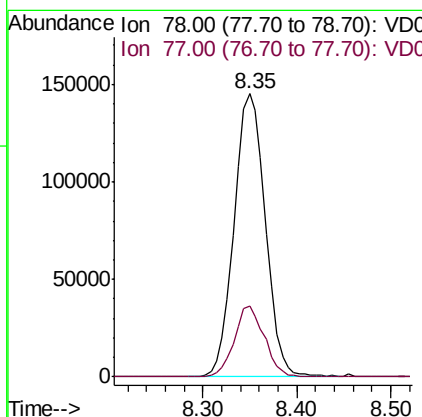
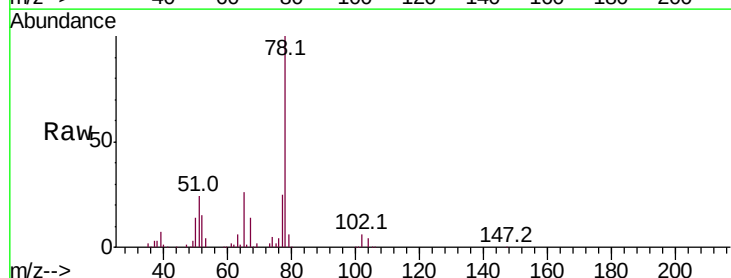
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

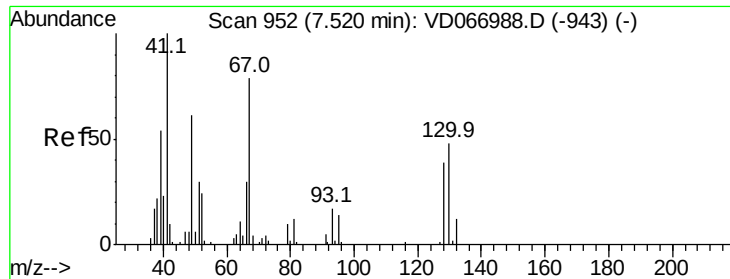
Tot Ion: 83 Resp: 126203
Ion Ratio Lower Upper
83 100
55 68.0 57.1 85.7
98 56.1 40.9 61.3



#40
Benzene
Concen: 20.354 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

Tgt Ion: 78 Resp: 334940
Ion Ratio Lower Upper
78 100
77 25.2 18.4 27.6

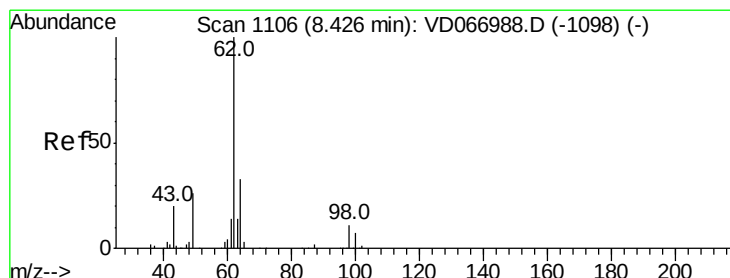
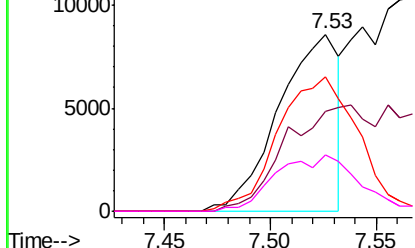
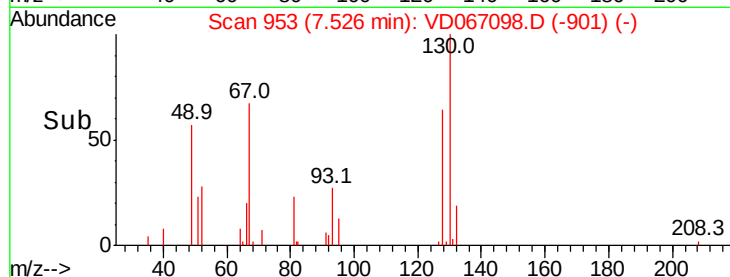
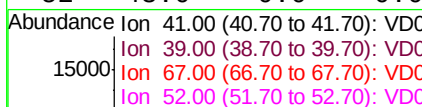
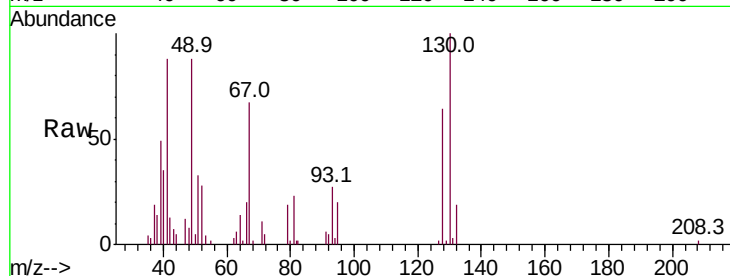




#41
Methacrylonitrile
Concen: 15.374 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

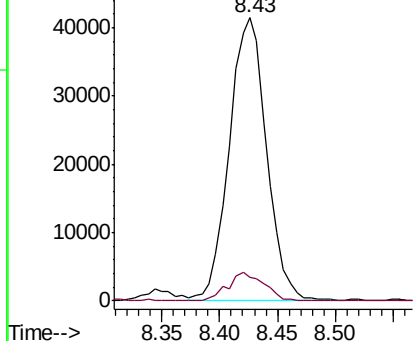
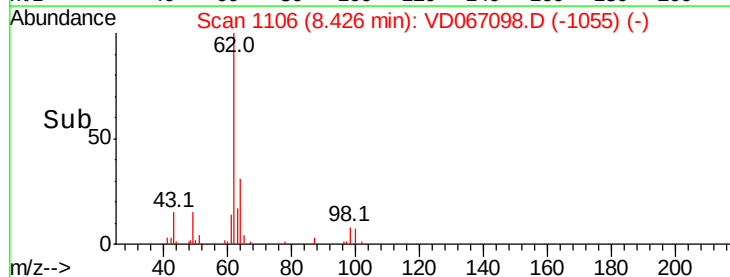
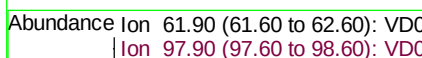
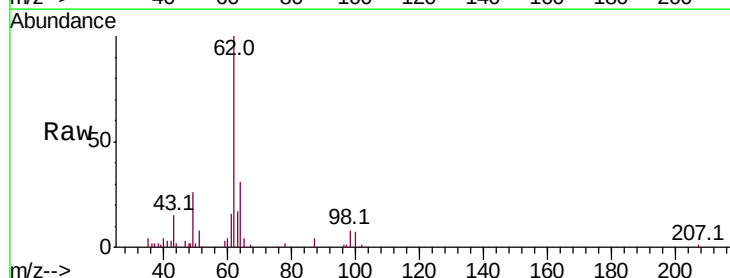
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

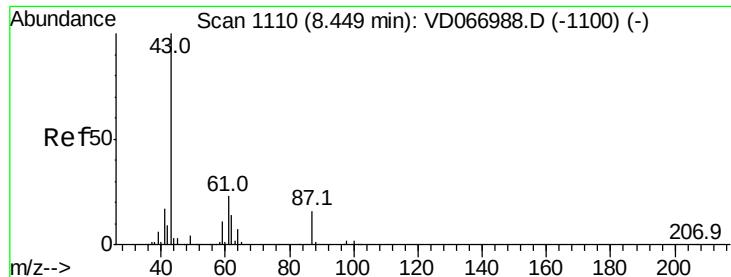
Tot Ion:	41	Resp:	17047
Ion	Ratio	Lower	Upper
41	100		
39	84.1	0.0	0.0#
67	100.8	0.0	0.0#
52	43.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 20.192 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

Tgt Ion:	62	Resp:	92848
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	22.6





#43

Isopropyl Acetate

Concen: 18.387 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

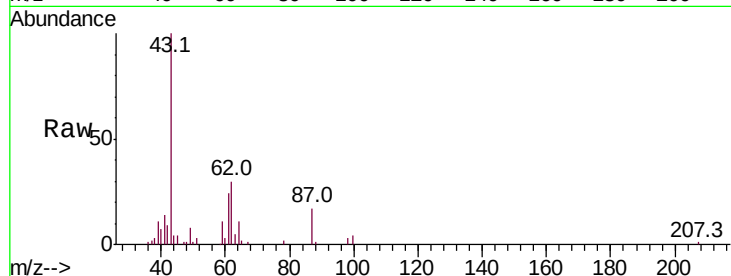
Tot Ion: 43 Resp: 69522

Ion Ratio Lower Upper

43 100

61 35.8 27.1 40.7

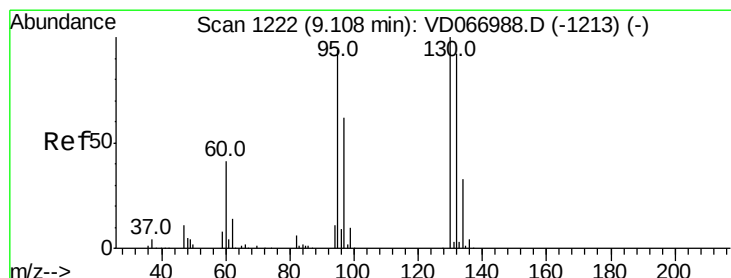
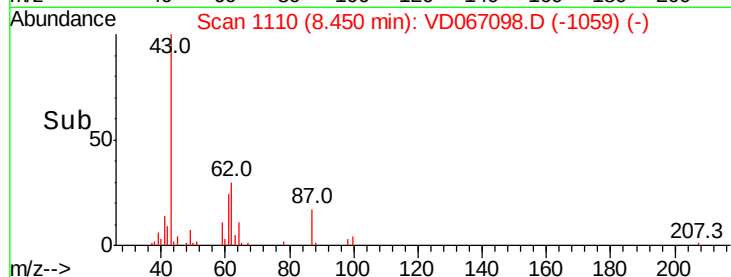
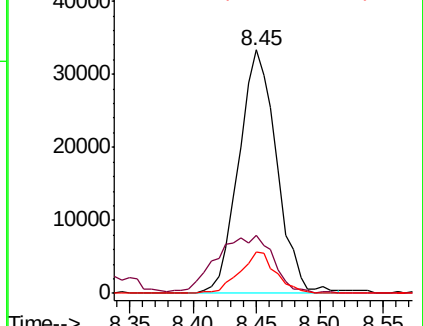
87 16.0 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.154 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067098.D

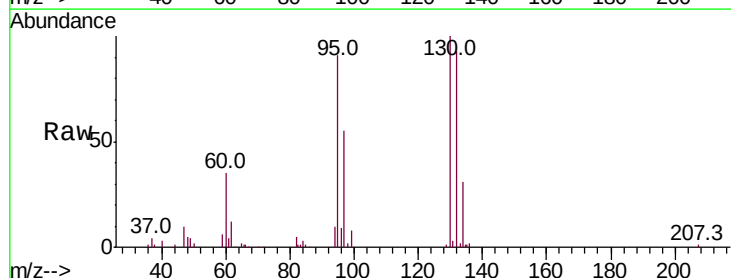
Acq: 06 Oct 2020 10:49

Tgt Ion:130 Resp: 103946

Ion Ratio Lower Upper

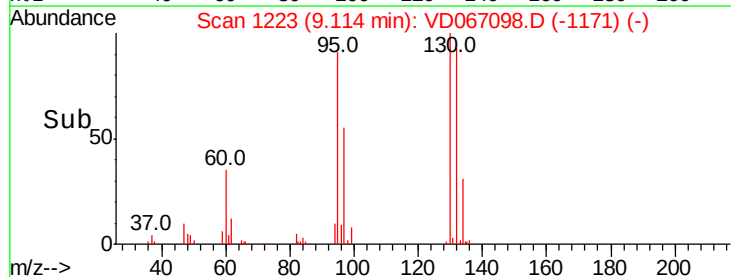
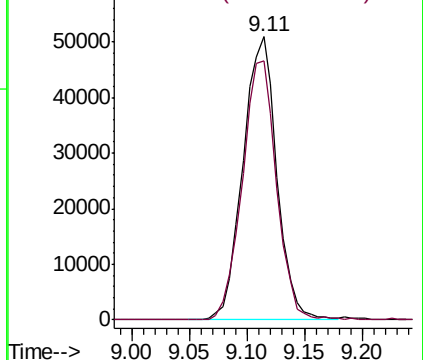
130 100

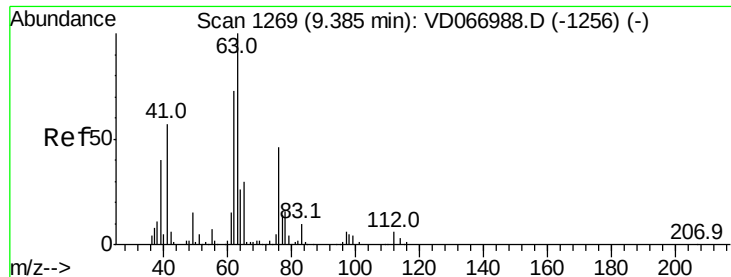
95 91.4 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.119 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

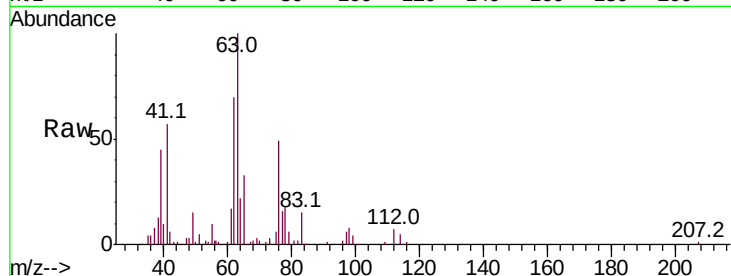
VD1006SBS01

Tot Ion: 63 Resp: 77788

Ion Ratio Lower Upper

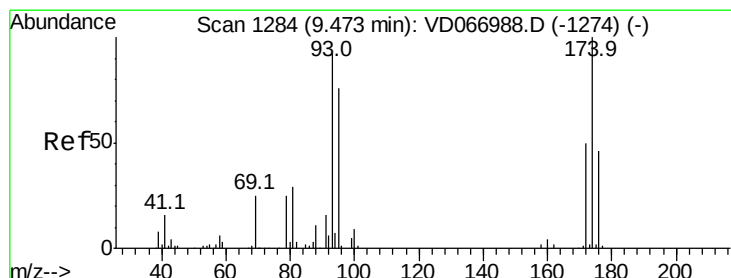
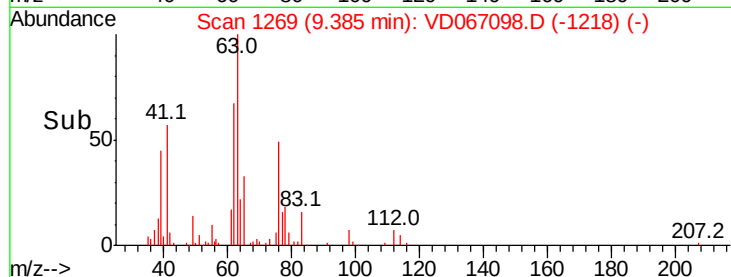
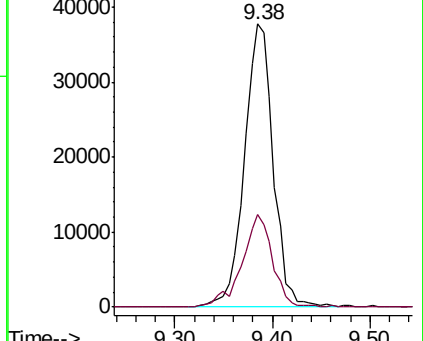
63 100

65 32.9 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.234 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

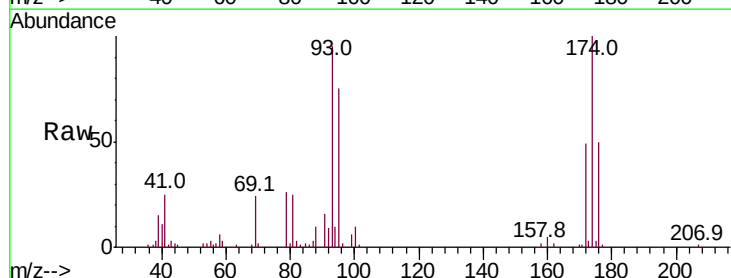
Tgt Ion: 93 Resp: 44966

Ion Ratio Lower Upper

93 100

95 84.5 64.7 97.1

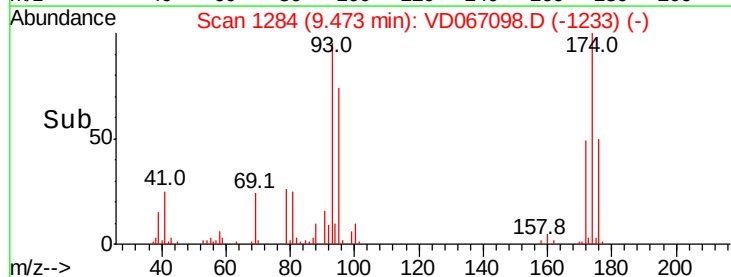
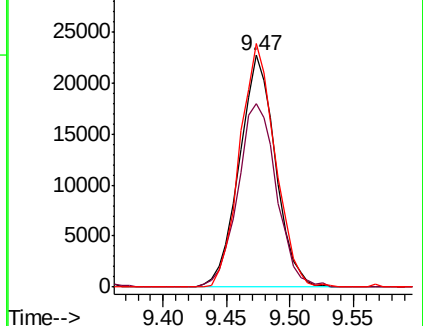
174 103.3 81.4 122.2

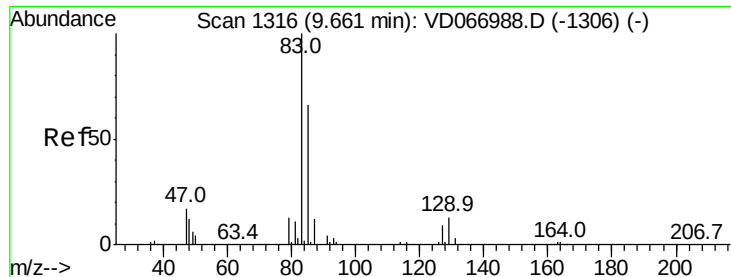


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.850 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

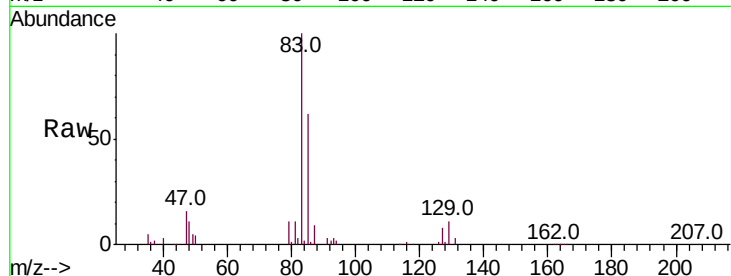
Tot Ion: 83 Resp: 120442

Ion Ratio Lower Upper

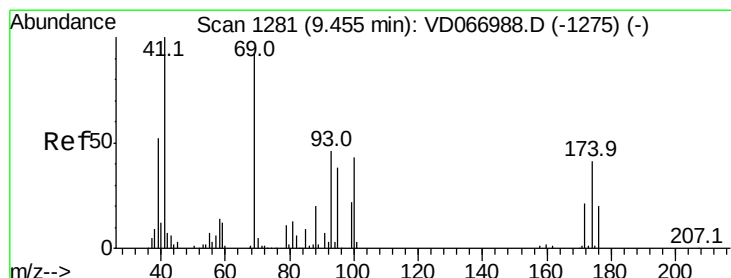
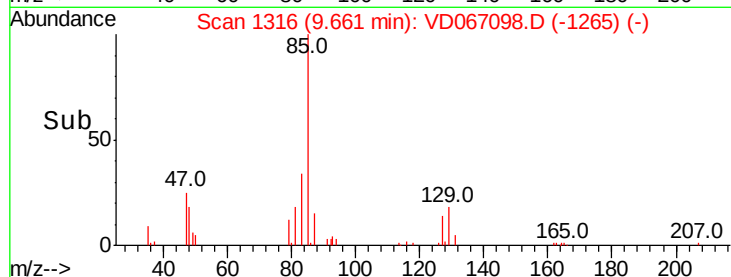
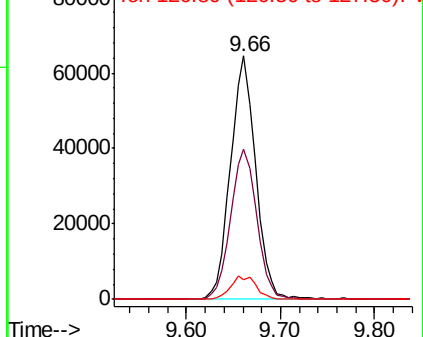
83 100

85 61.6 52.9 79.3

127 8.3 7.3 10.9



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



#48

Methyl methacrylate

Concen: 16.820 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

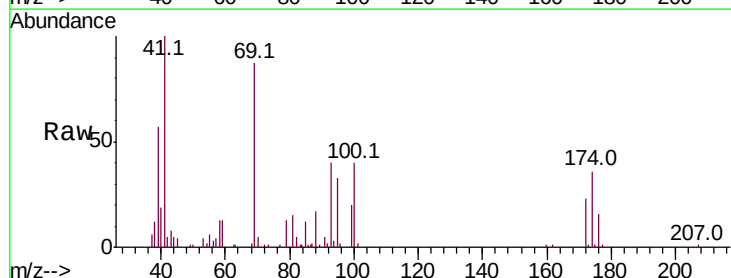
Tgt Ion: 41 Resp: 32582

Ion Ratio Lower Upper

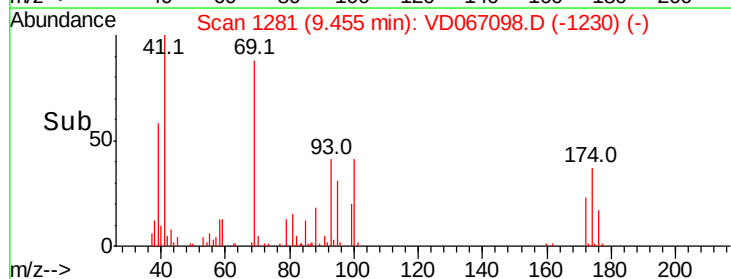
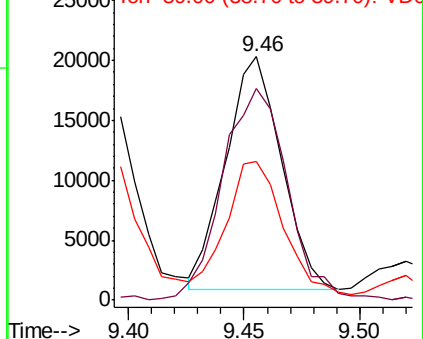
41 100

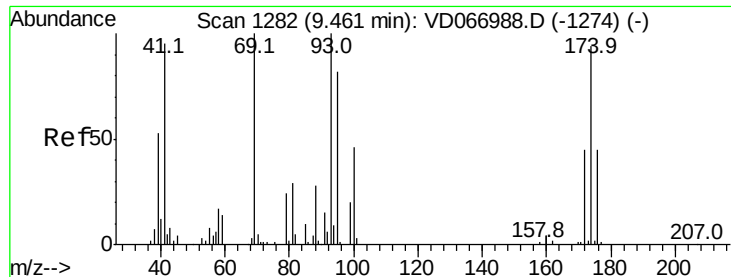
69 106.8 68.5 102.7#

39 58.8 40.2 60.2



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





#49

1,4-Dioxane

Concen: 390.543 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

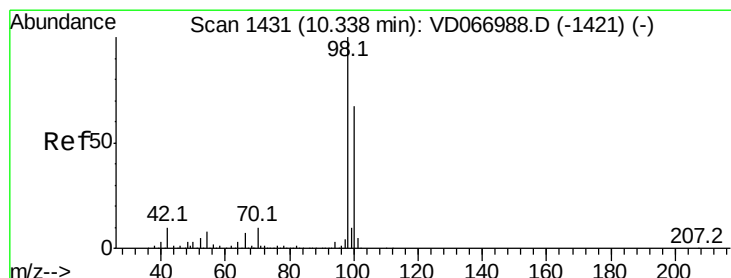
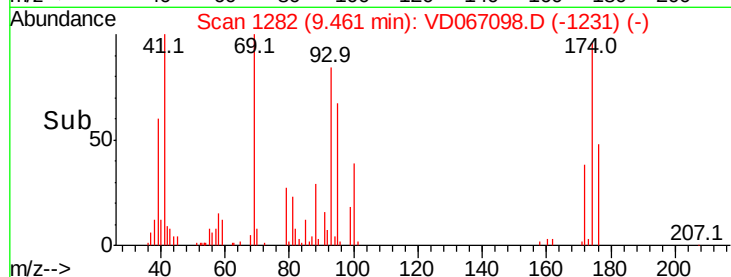
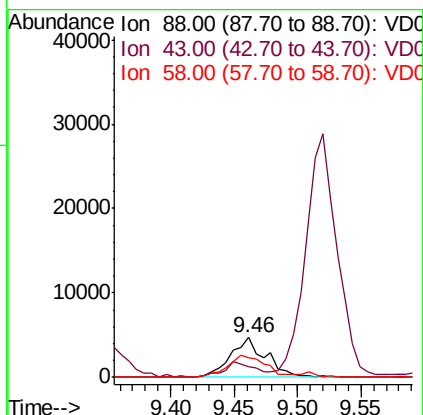
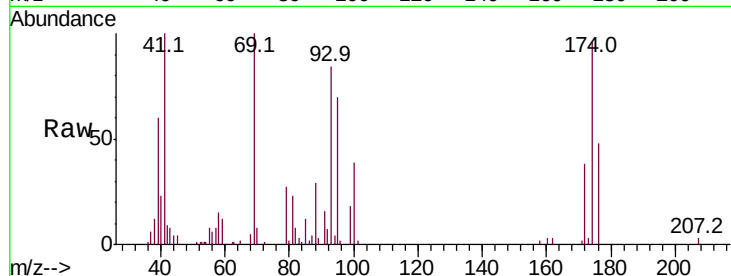
Tot Ion: 88 Resp: 9058

Ion Ratio Lower Upper

88 100

43 35.8 25.6 38.4

58 59.2 53.5 80.3



#50

Toluene-d8

Concen: 50.809 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067098.D

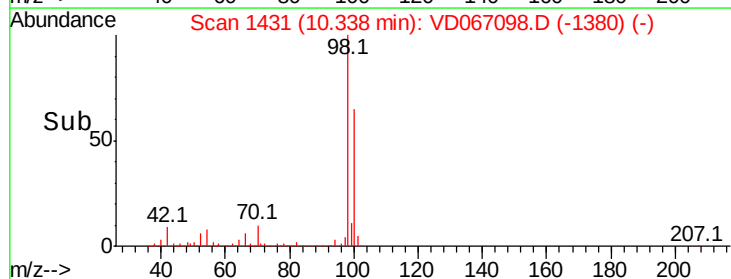
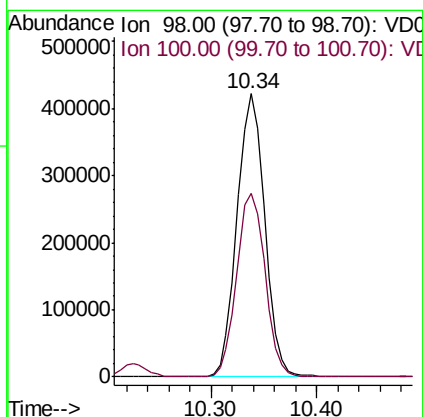
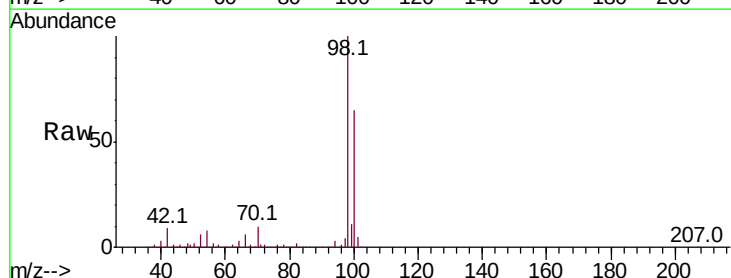
Acq: 06 Oct 2020 10:49

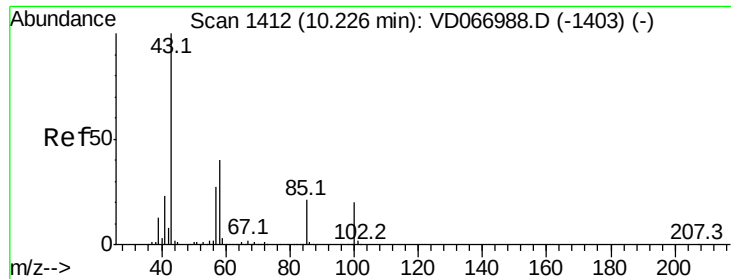
Tgt Ion: 98 Resp: 770416

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 91.183 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

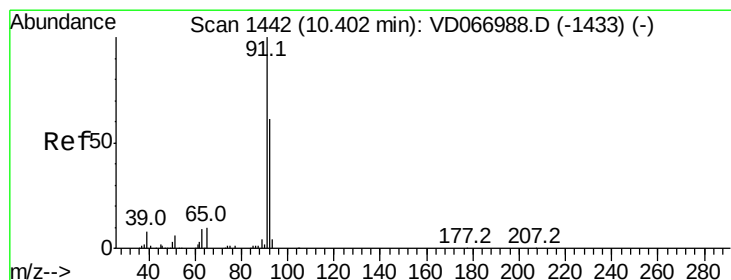
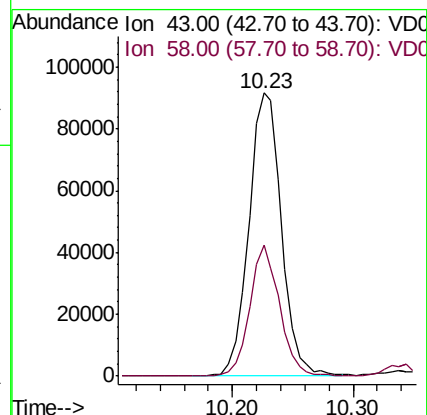
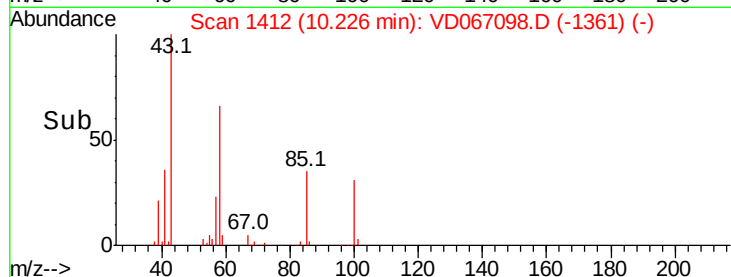
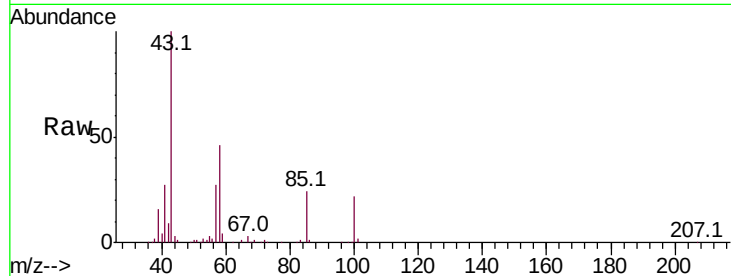
VD1006SBS01

Tot Ion: 43 Resp: 171726

Ion Ratio Lower Upper

43 100

58 42.5 33.8 50.8



#52

Toluene

Concen: 21.098 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067098.D

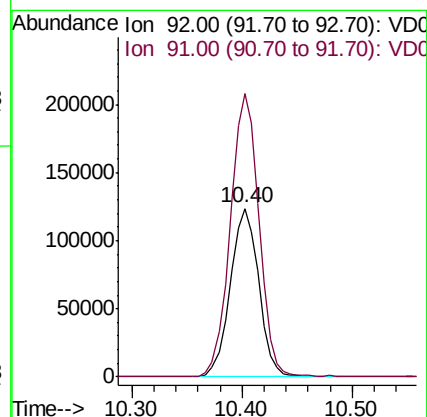
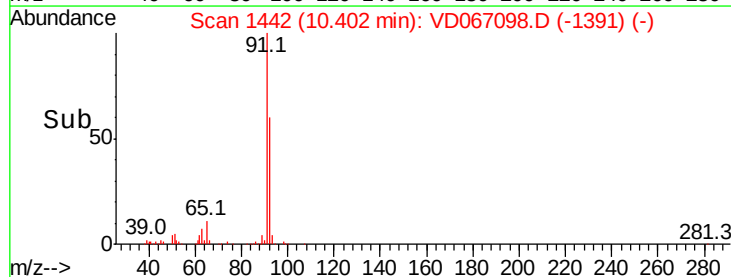
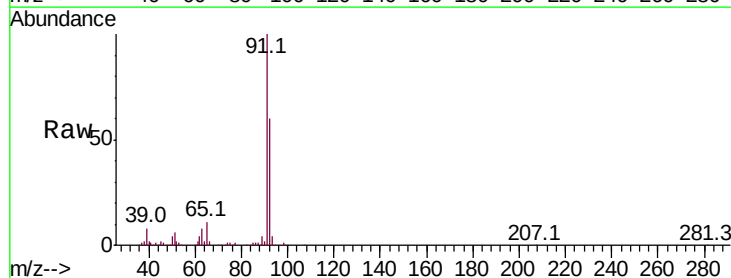
Acq: 06 Oct 2020 10:49

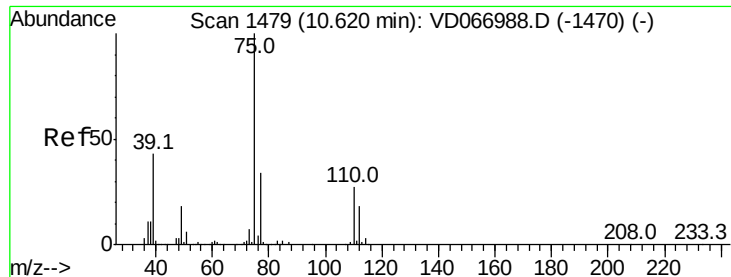
Tgt Ion: 92 Resp: 223643

Ion Ratio Lower Upper

92 100

91 169.3 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 20.337 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

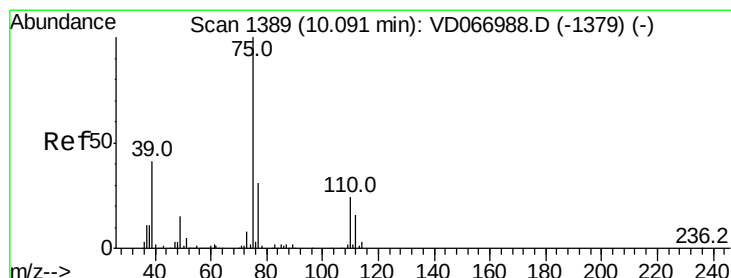
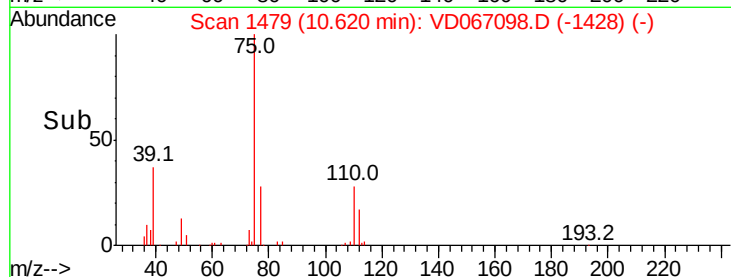
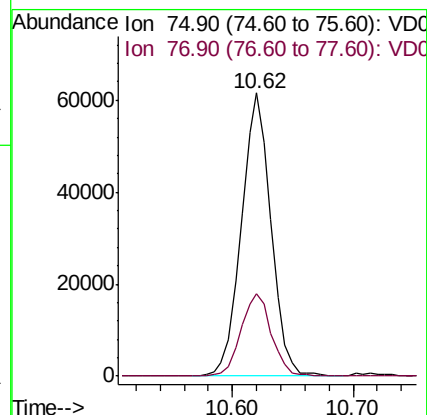
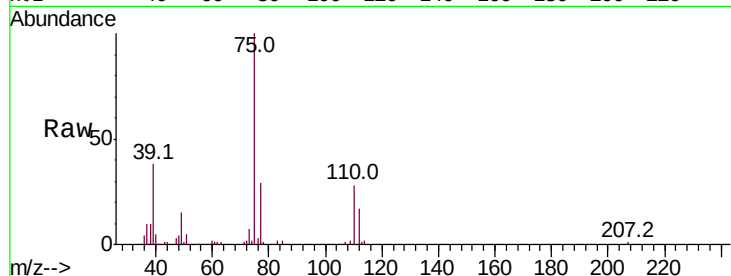
VD1006SBS01

Tot Ion: 75 Resp: 104997

Ion Ratio Lower Upper

75 100

77 29.0 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 20.025 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

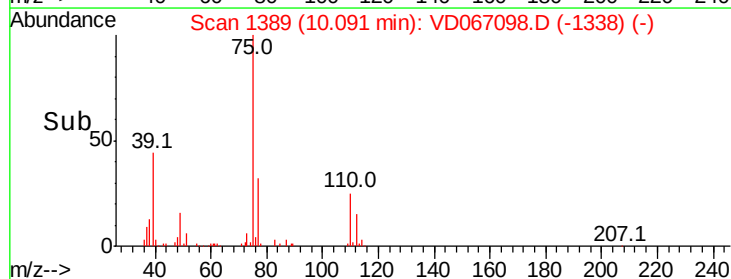
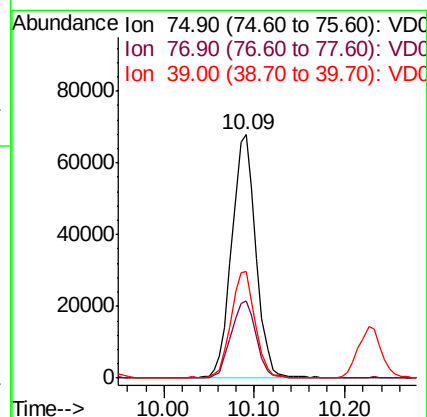
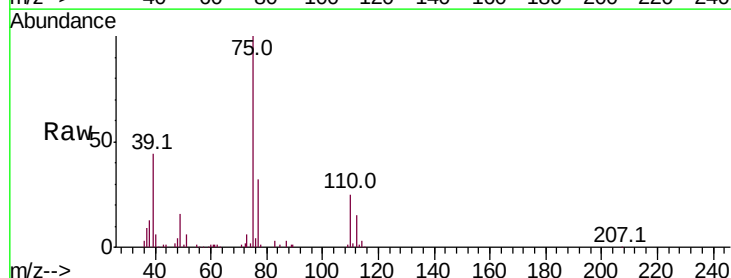
Tgt Ion: 75 Resp: 126243

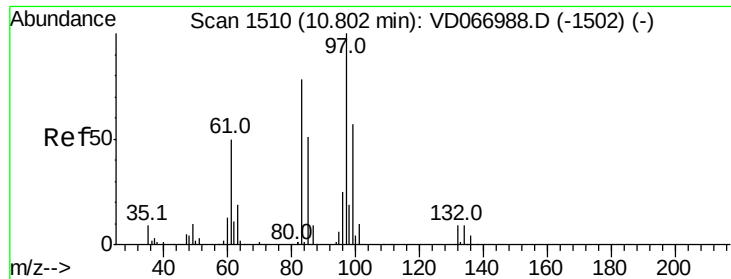
Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

39 43.1 33.0 49.4

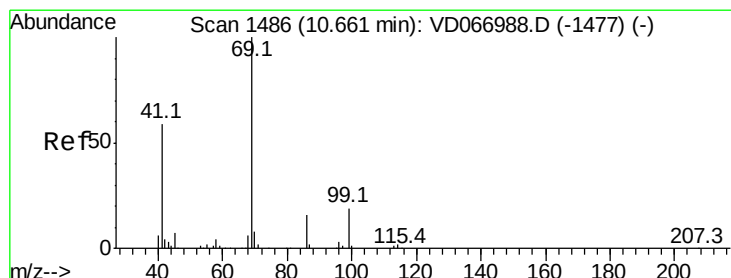
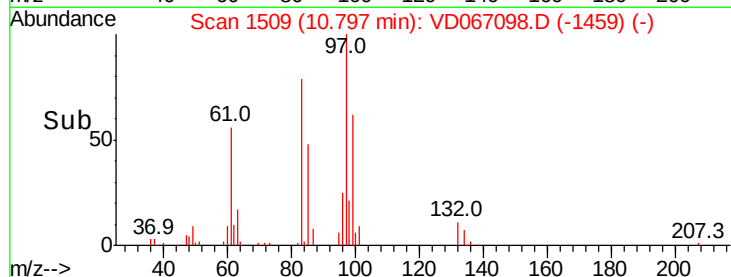
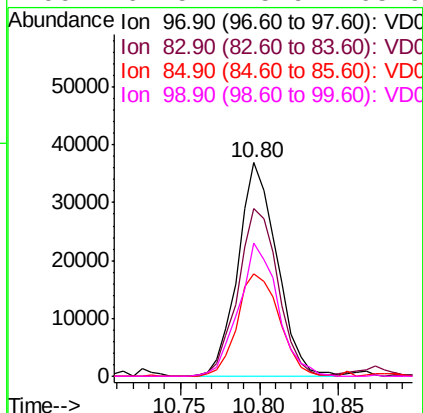
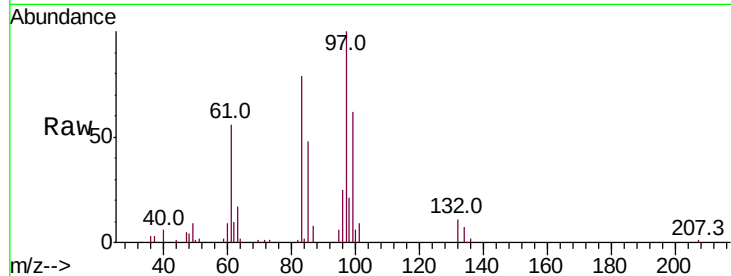




#55
 1,1,2-Trichloroethane
 Concen: 20.561 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

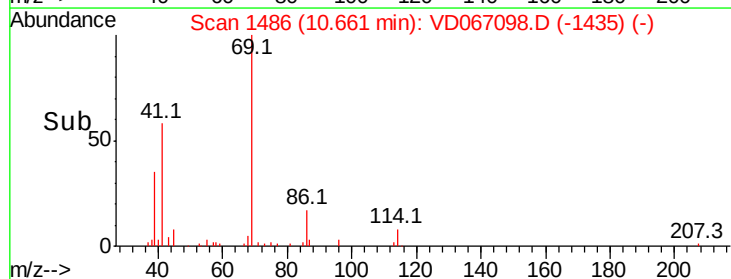
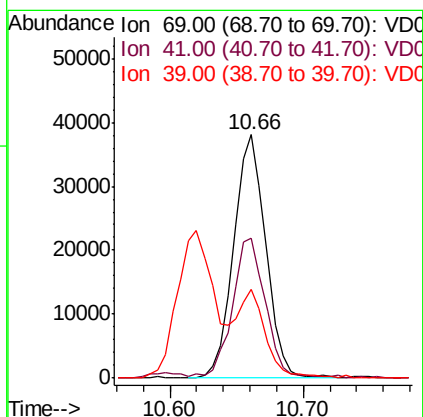
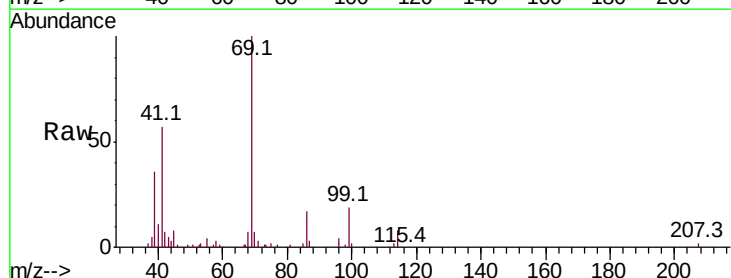
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

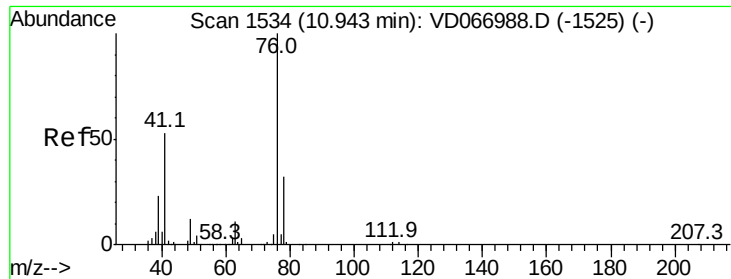
Tot Ion:	97	Resp:	63525
Ion	Ratio	Lower	Upper
97	100		
83	78.8	62.4	93.6
85	48.0	41.0	61.4
99	62.5	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 19.905 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

Tgt Ion:	69	Resp:	63495
Ion	Ratio	Lower	Upper
69	100		
41	59.5	46.4	69.6
39	32.1	23.8	35.6





#57

1,3-Dichloropropane

Concen: 20.388 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

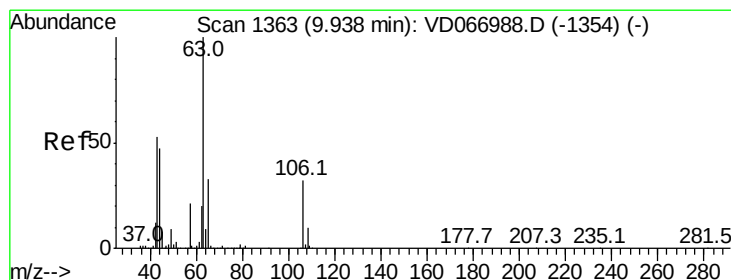
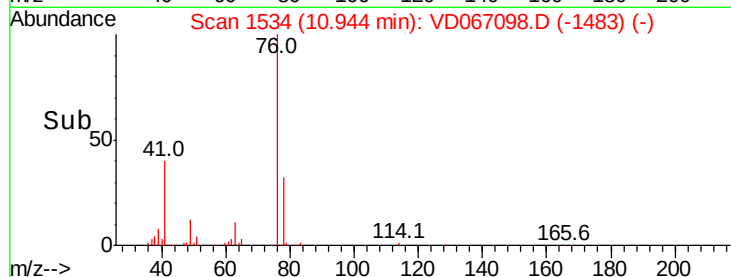
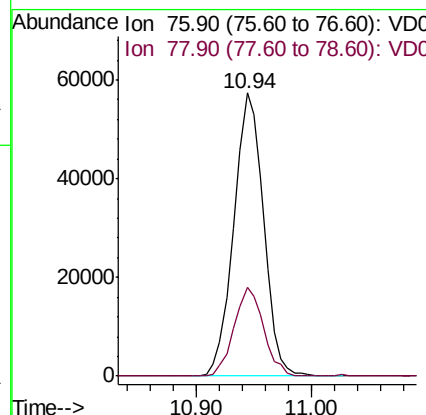
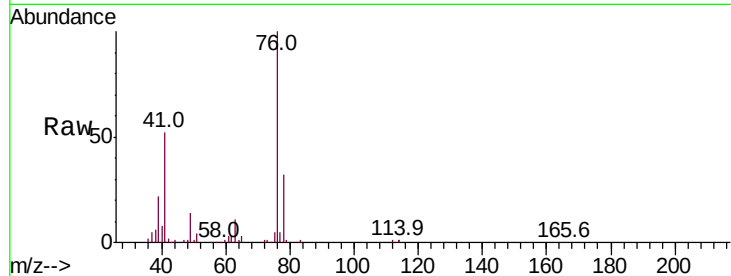
Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

Tot Ion: 76 Resp: 102147

Ion	Ratio	Lower	Upper
76	100		
78	31.4	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.642 ug/l

RT: 9.94 min Scan# 1363

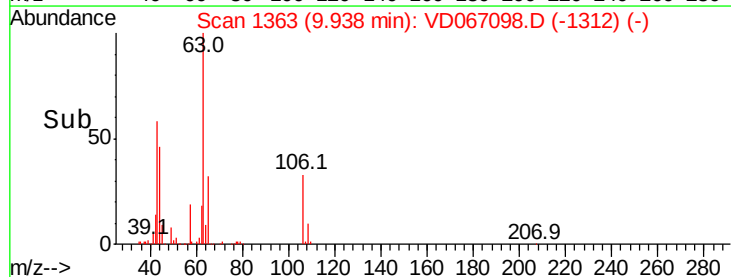
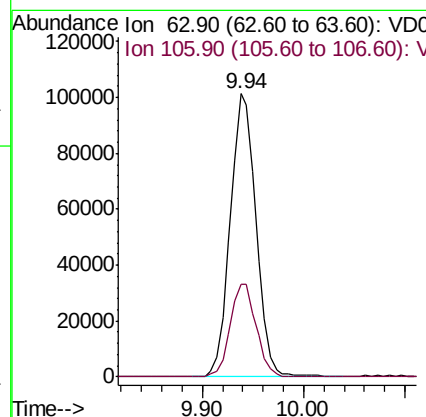
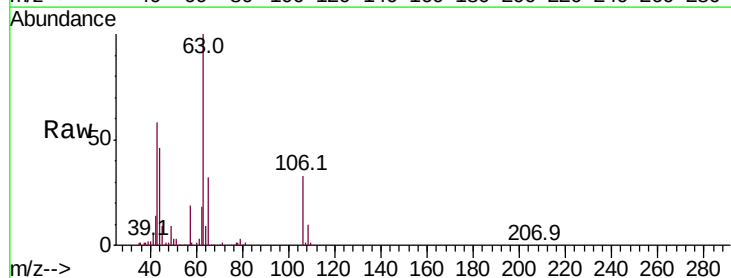
Delta R.T. 0.00 min

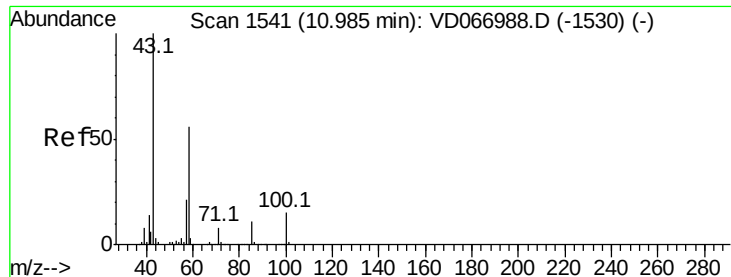
Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Tgt Ion: 63 Resp: 178682

Ion	Ratio	Lower	Upper
63	100		
106	33.0	25.3	37.9

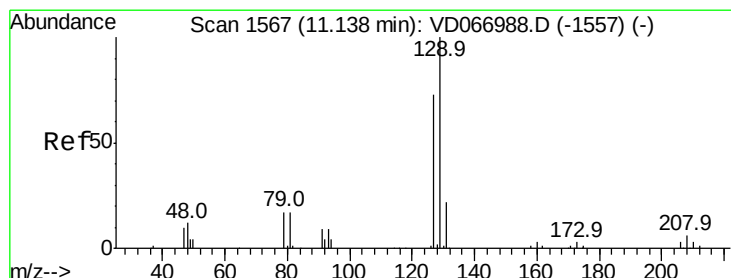
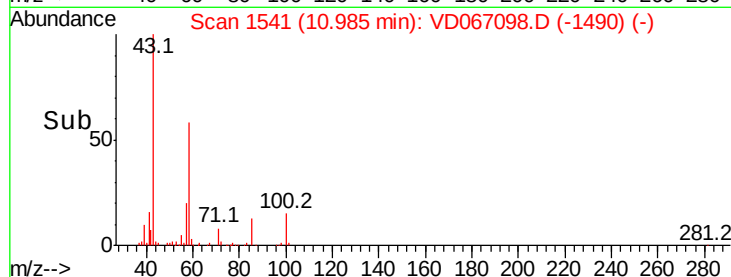
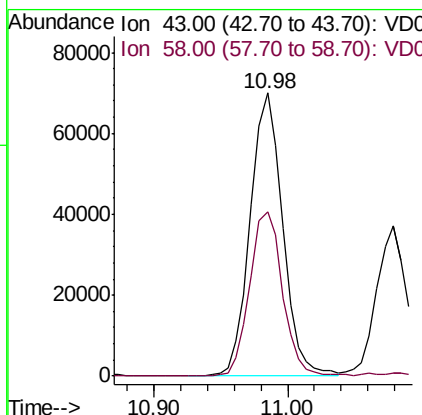
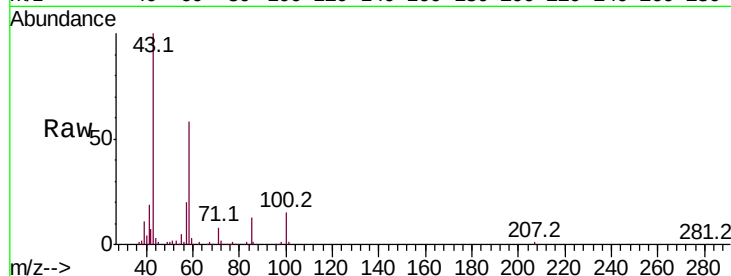




#59
2-Hexanone
Concen: 93.649 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

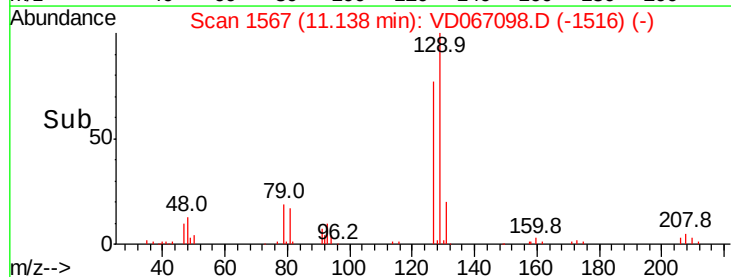
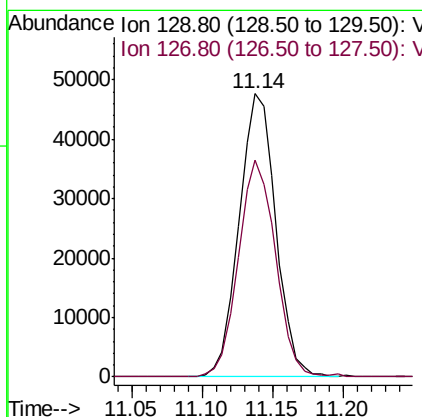
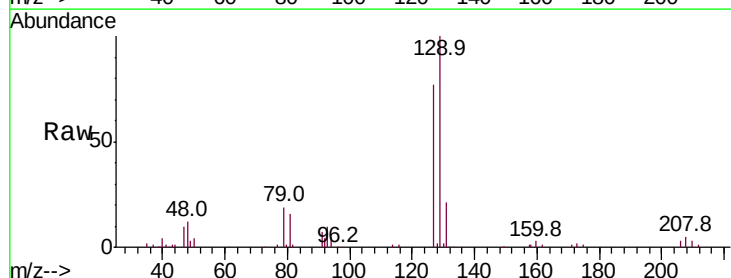
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

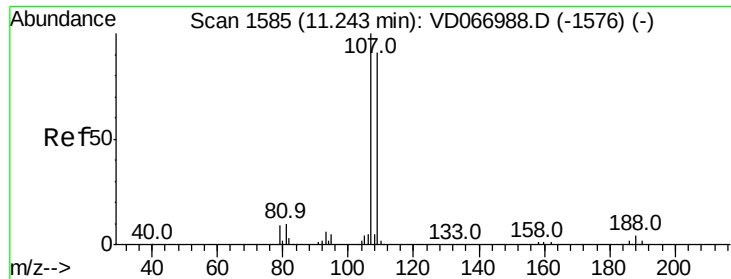
Tot Ion: 43 Resp: 117717
Ion Ratio Lower Upper
43 100
58 58.4 28.3 84.9



#60
Dibromochloromethane
Concen: 20.985 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

Tgt Ion: 129 Resp: 86413
Ion Ratio Lower Upper
129 100
127 77.9 37.4 112.1

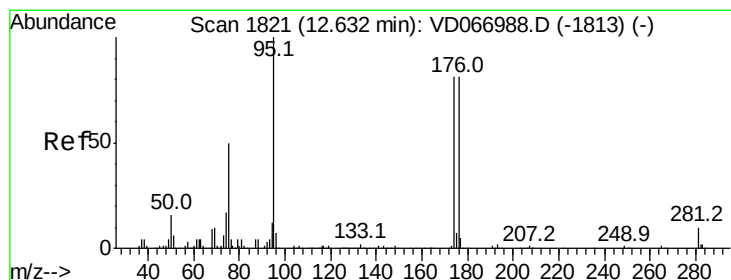
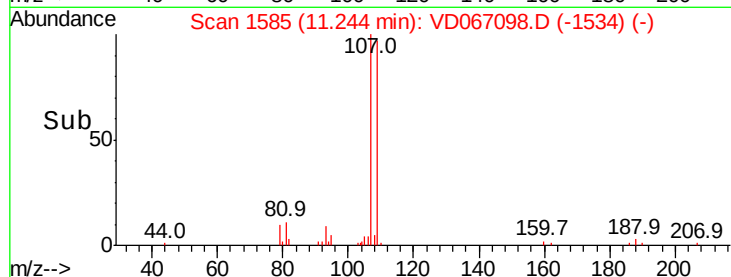
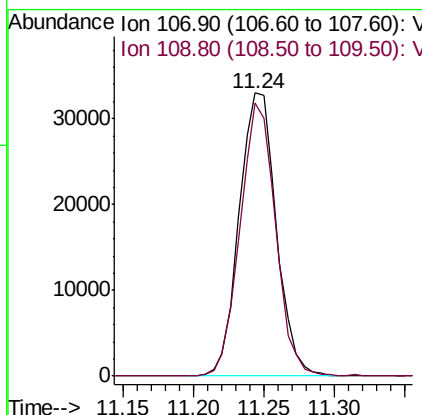
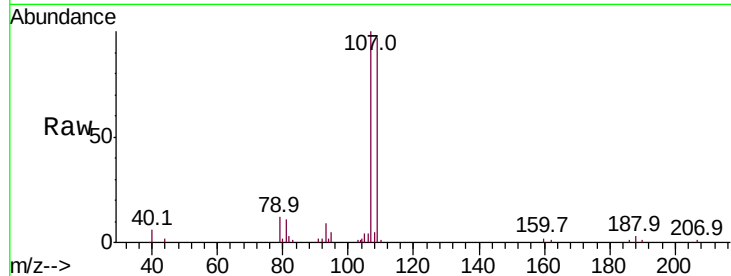




#61
 1,2-Dibromoethane
 Concen: 20.475 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

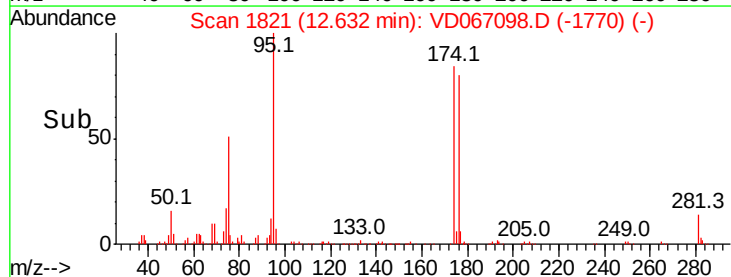
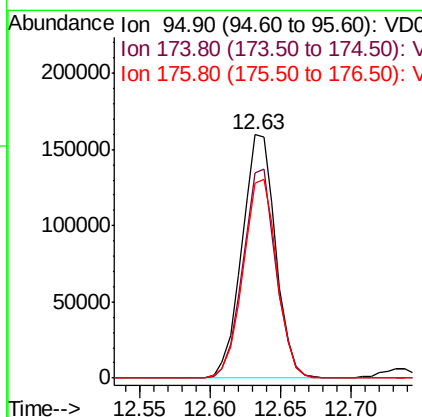
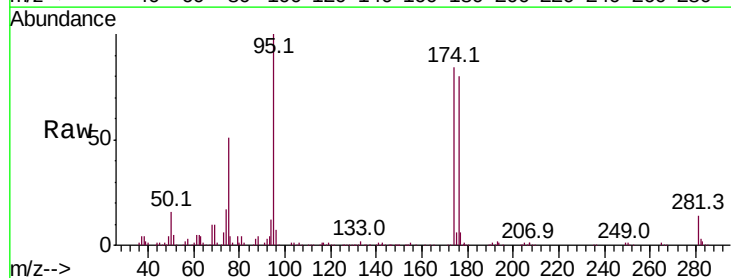
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

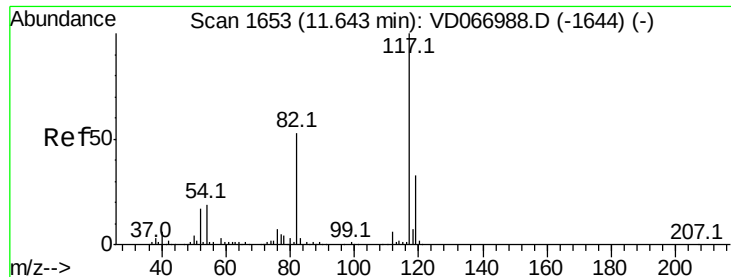
Tot Ion:107 Resp: 60775
 Ion Ratio Lower Upper
 107 100
 109 92.5 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 51.786 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

Tgt Ion: 95 Resp: 266567
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 167.6
 176 81.7 0.0 162.4

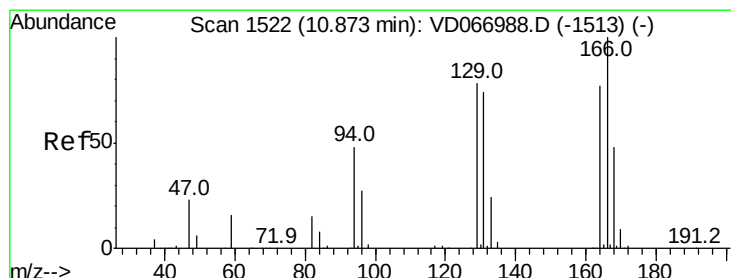
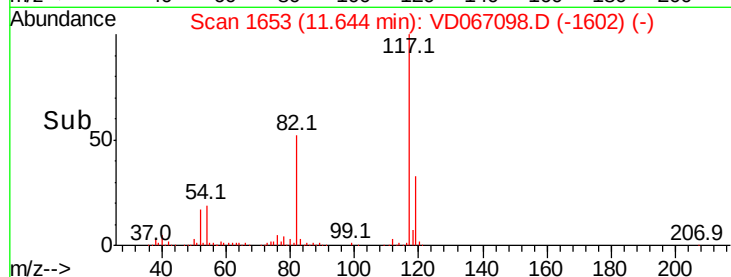
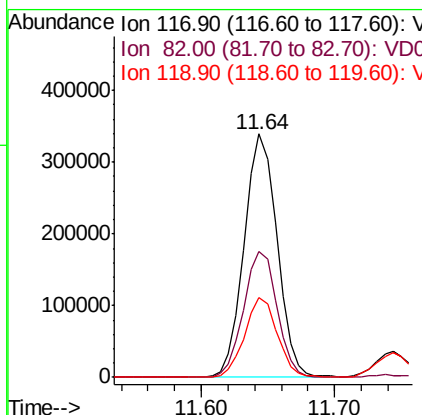
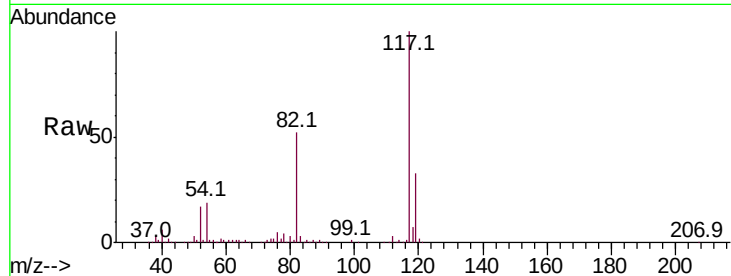




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

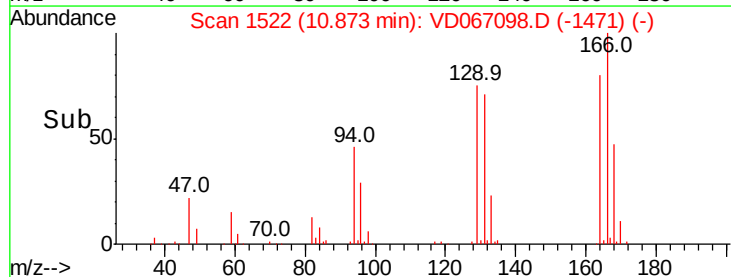
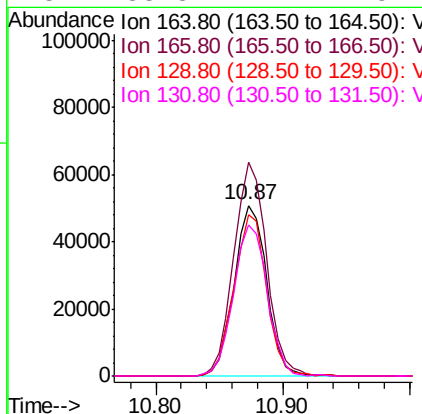
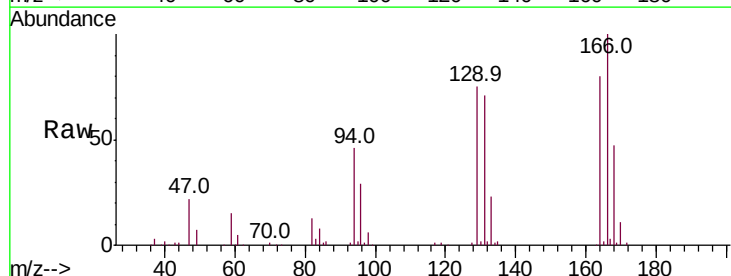
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

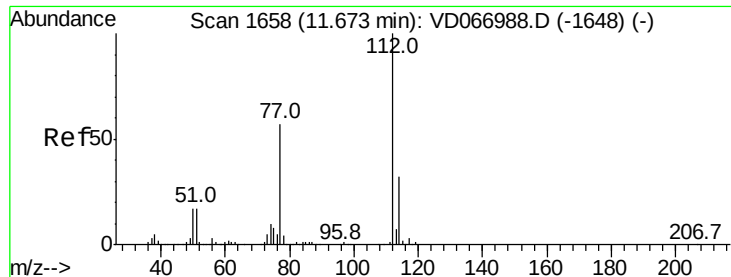
Tot Ion:117 Resp: 578805
Ion Ratio Lower Upper
117 100
82 51.5 42.6 63.8
119 33.0 26.3 39.5



#64
Tetrachloroethene
Concen: 21.505 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

Tgt Ion:164 Resp: 90491
Ion Ratio Lower Upper
164 100
166 125.0 104.4 156.6
129 94.1 81.3 121.9
131 88.3 77.1 115.7





#65

Chlorobenzene

Concen: 21.112 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

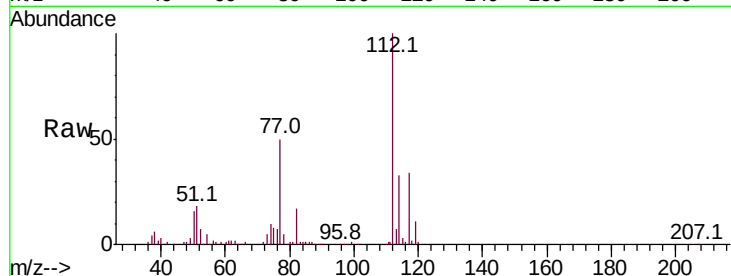
VD1006SBS01

Tot Ion:112 Resp: 243032

Ion Ratio Lower Upper

112 100

114 33.1 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

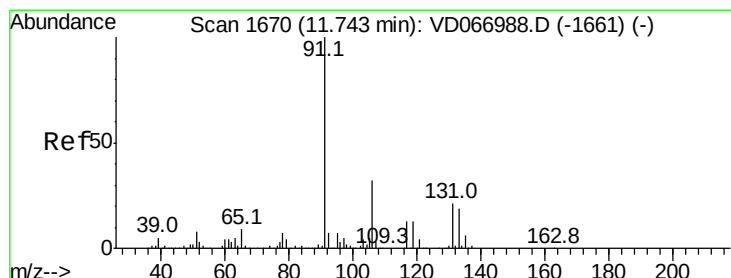
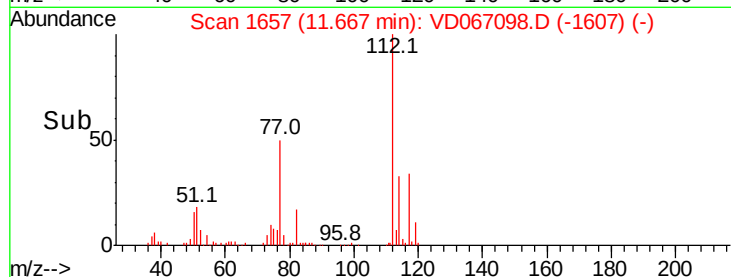
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.813 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

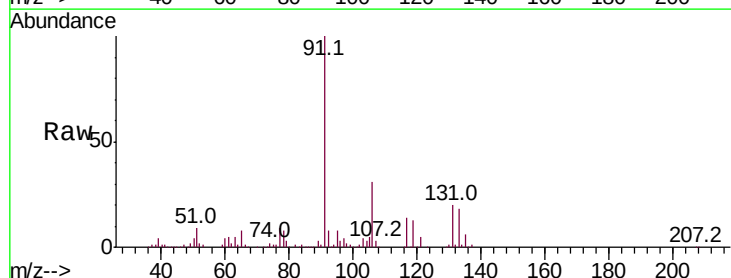
Tgt Ion:131 Resp: 91136

Ion Ratio Lower Upper

131 100

133 97.0 47.8 143.3

119 63.7 32.3 96.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

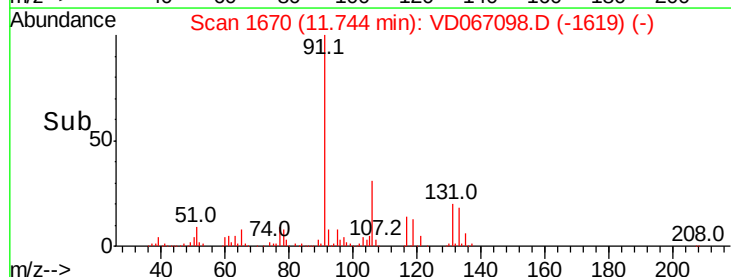
150000

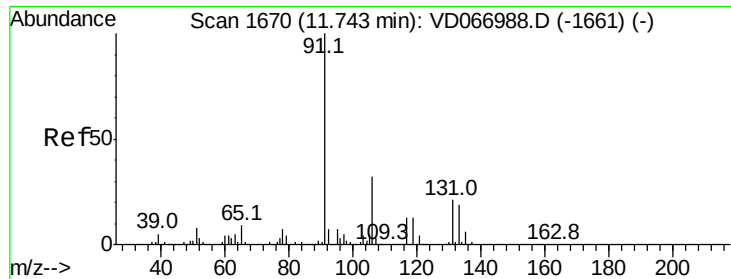
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 21.269 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

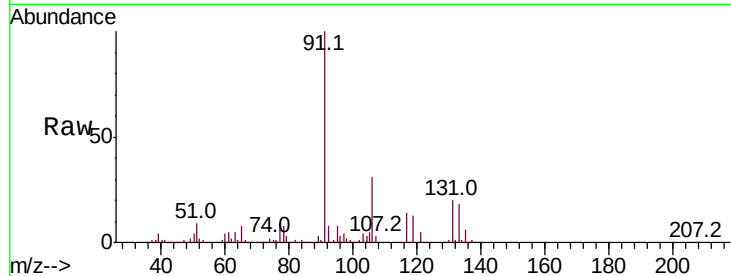
VD1006SBS01

Tot Ion: 91 Resp: 419509

Ion Ratio Lower Upper

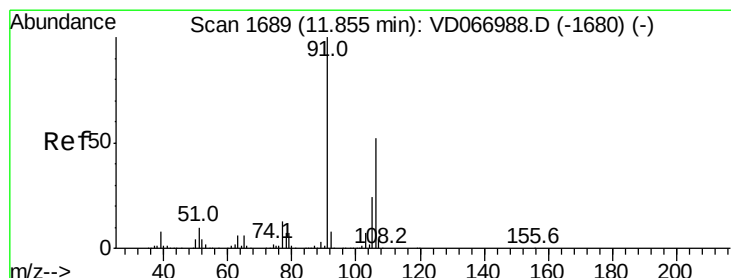
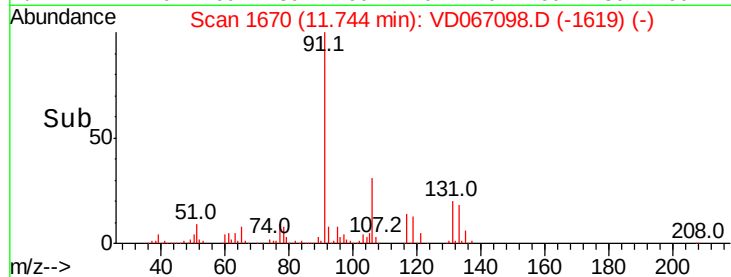
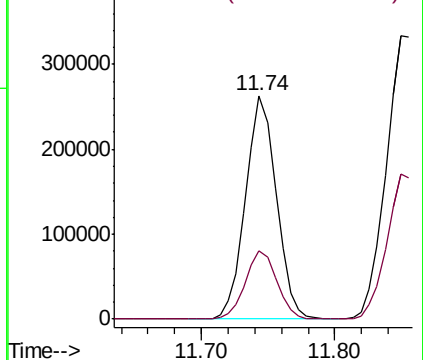
91 100

106 30.7 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 42.662 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD067098.D

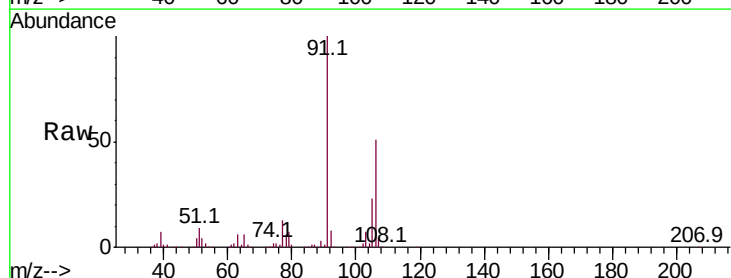
Acq: 06 Oct 2020 10:49

Tgt Ion: 106 Resp: 327933

Ion Ratio Lower Upper

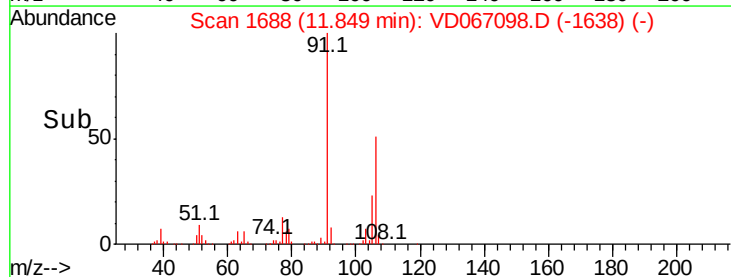
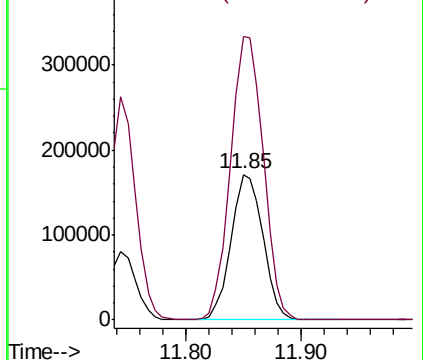
106 100

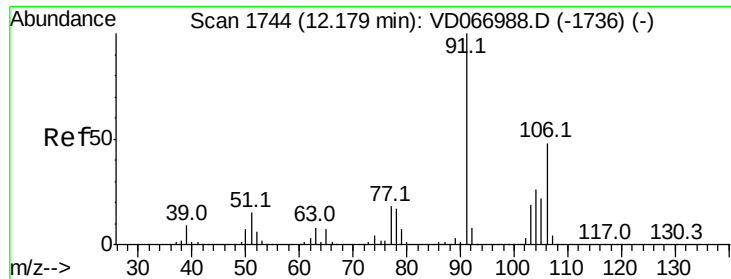
91 200.5 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

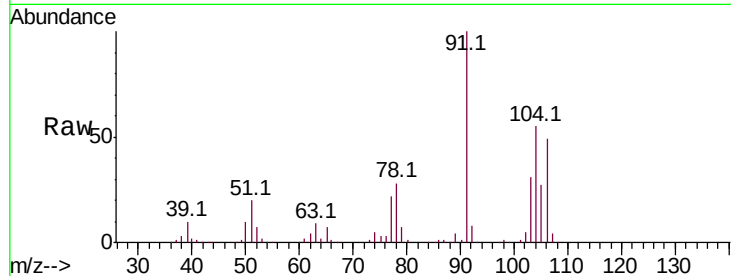




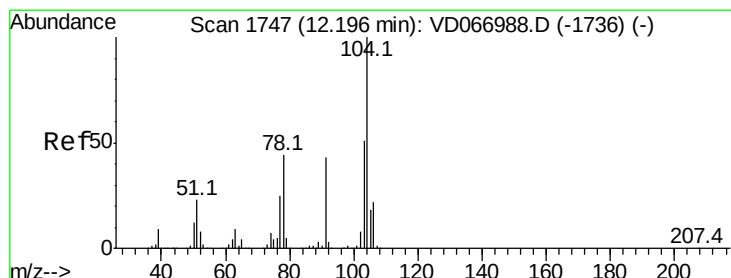
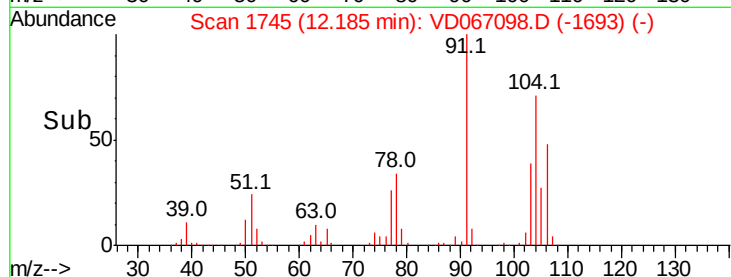
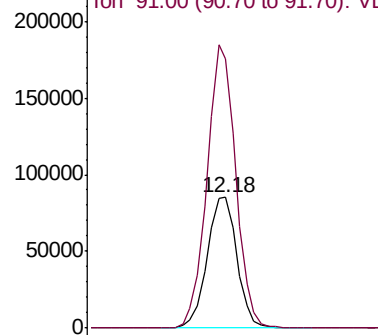
#69
o-Xylene
Concen: 21.383 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

Tot Ion:106 Resp: 146982
Ion Ratio Lower Upper
106 100
91 207.7 102.4 307.2

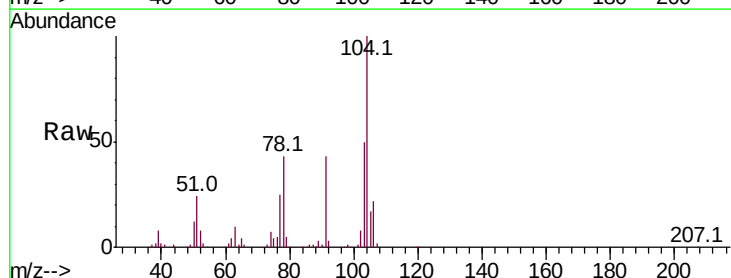


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

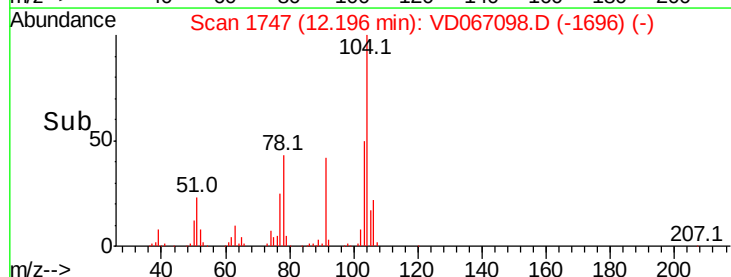
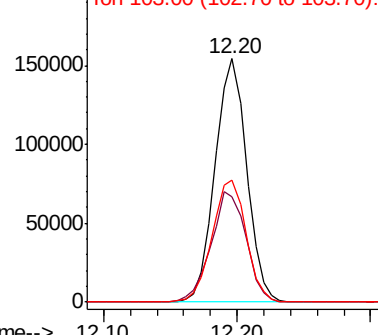


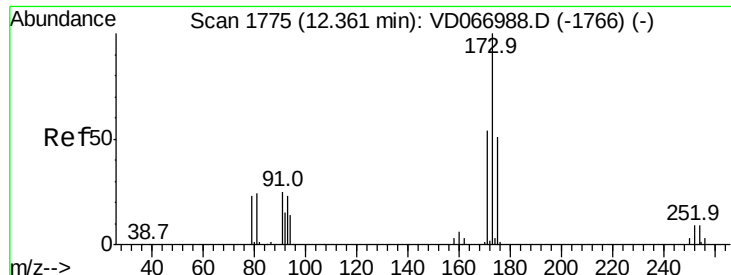
#70
Styrene
Concen: 21.384 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

Tgt Ion:104 Resp: 252405
Ion Ratio Lower Upper
104 100
78 50.3 38.6 58.0
103 54.0 43.4 65.0



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: 21.992 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

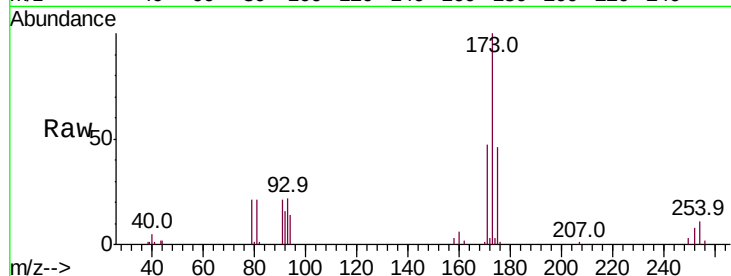
Tot Ion:173 Resp: 49989

Ion Ratio Lower Upper

173 100

175 45.1 24.9 74.7

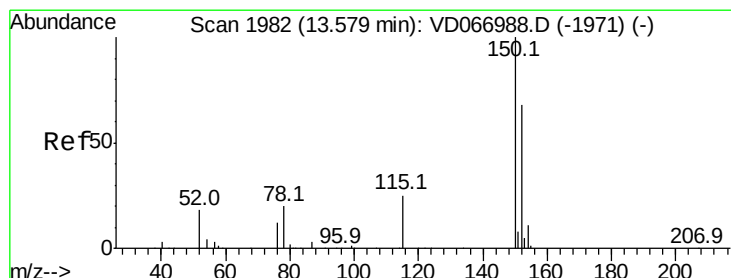
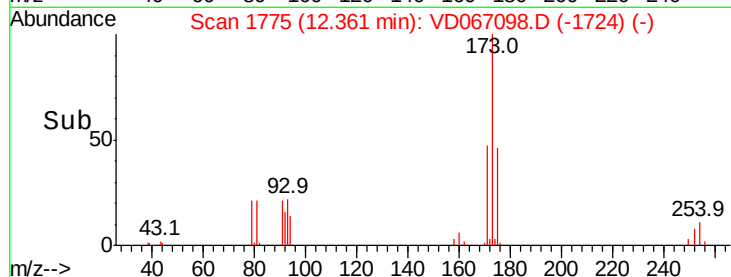
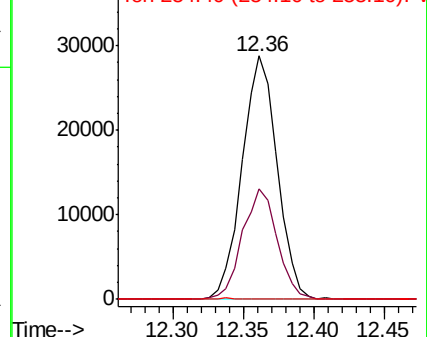
254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

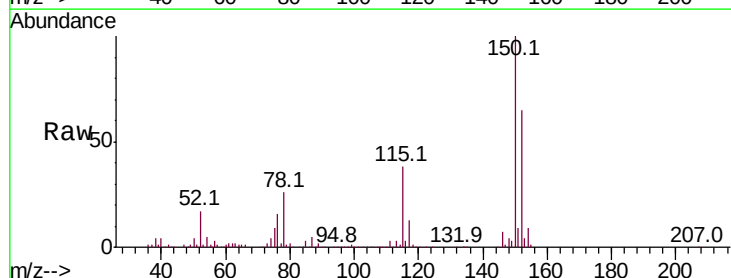
Tgt Ion:152 Resp: 284614

Ion Ratio Lower Upper

152 100

115 59.3 29.6 88.8

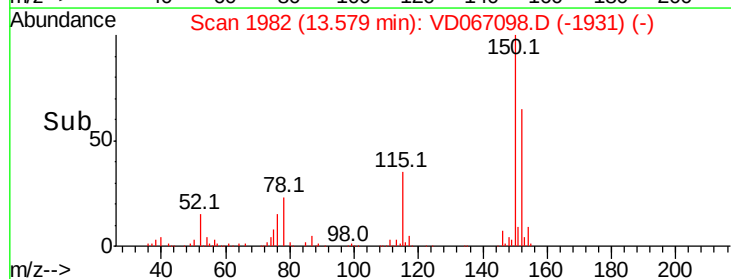
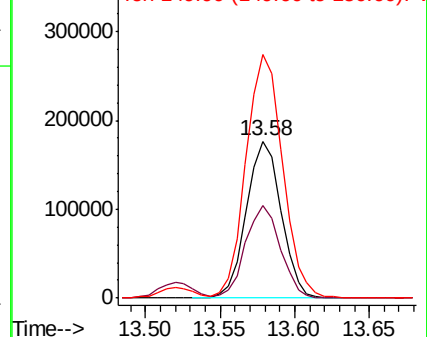
150 163.4 0.0 344.8

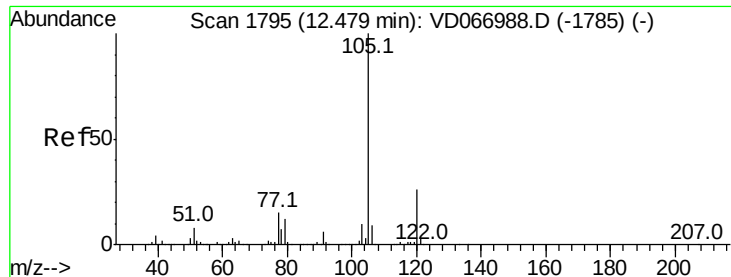


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.199 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

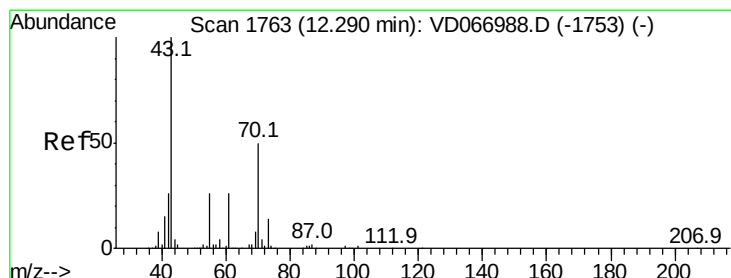
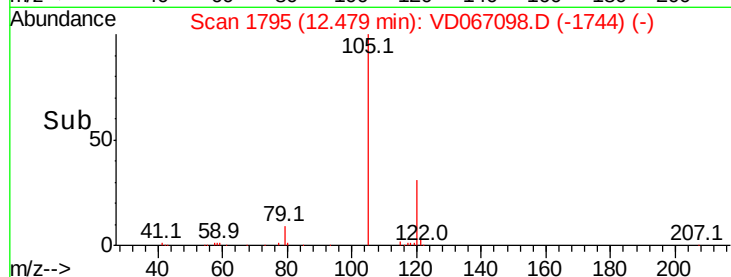
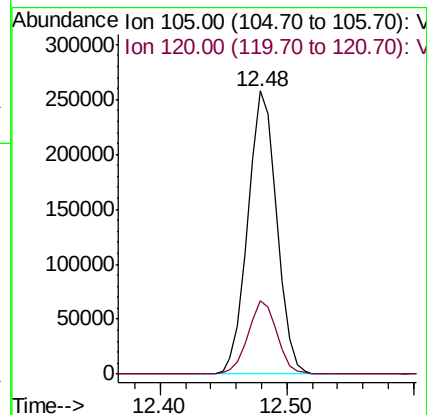
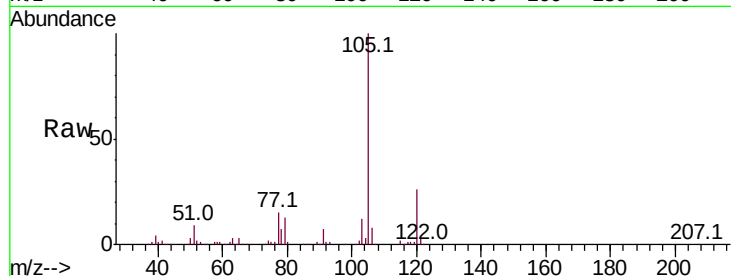
VD1006SBS01

Tot Ion:105 Resp: 409687

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.9



#74

N-ethyl acetate

Concen: 18.135 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Tgt Ion: 43 Resp: 63004

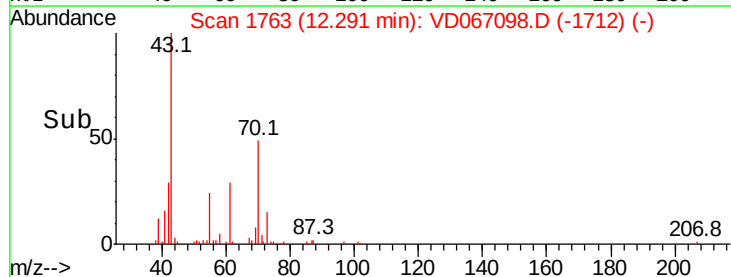
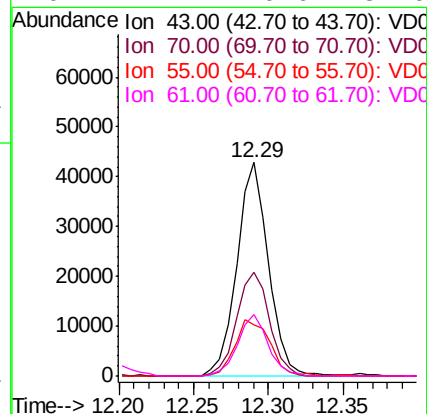
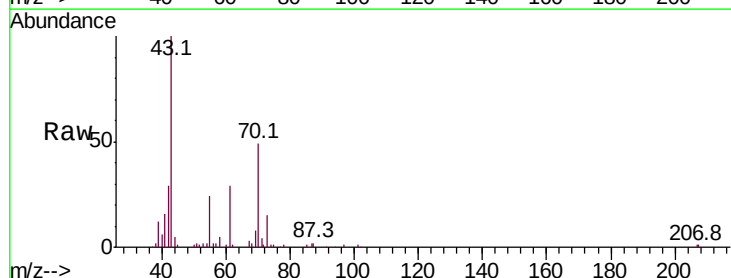
Ion Ratio Lower Upper

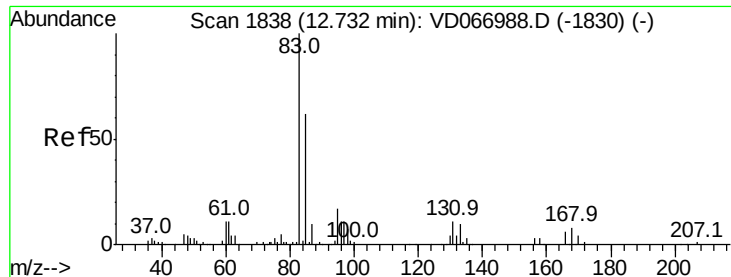
43 100

70 50.6 38.2 57.2

55 29.5 22.4 33.6

61 27.7 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.964 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

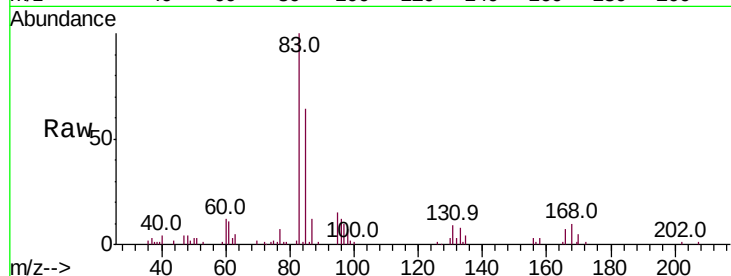
Tot Ion: 83 Resp: 61749

Ion Ratio Lower Upper

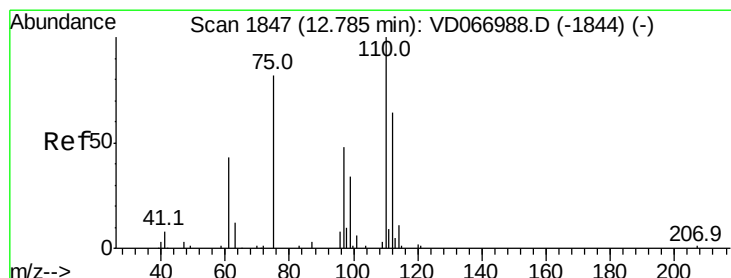
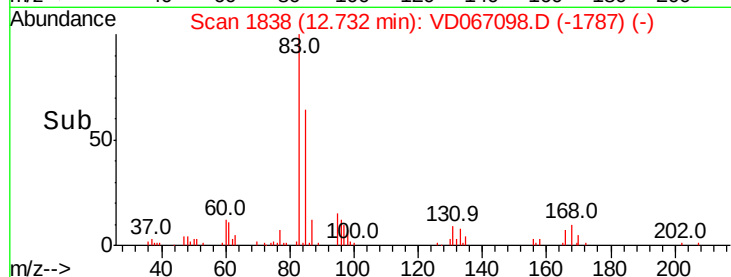
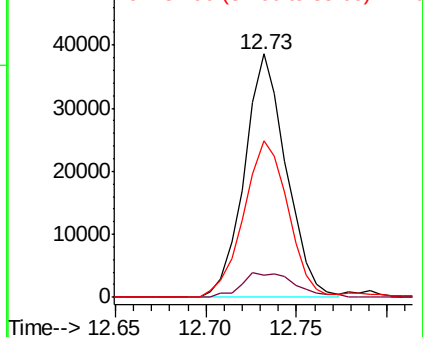
83 100

131 12.8 5.7 17.0

85 68.7 32.0 96.2



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



#76

1,2,3-Trichloropropane

Concen: 33.840 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067098.D

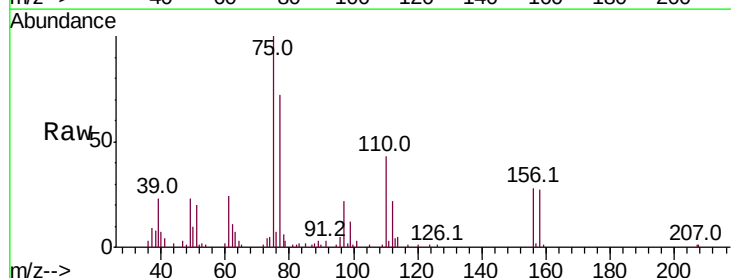
Acq: 06 Oct 2020 10:49

Tgt Ion: 75 Resp: 83892

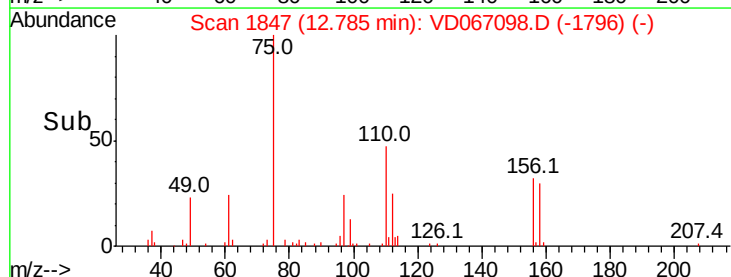
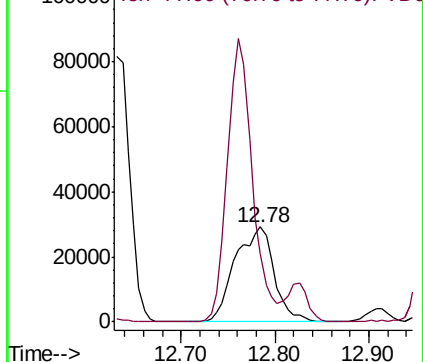
Ion Ratio Lower Upper

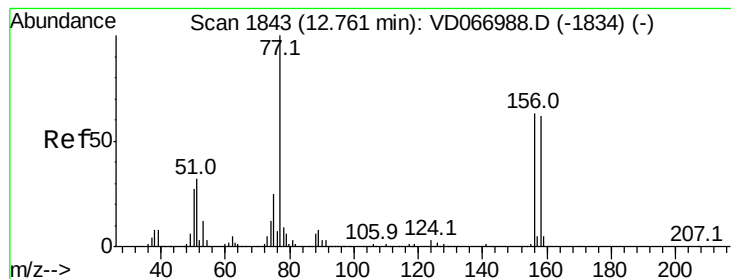
75 100

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: 21.749 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

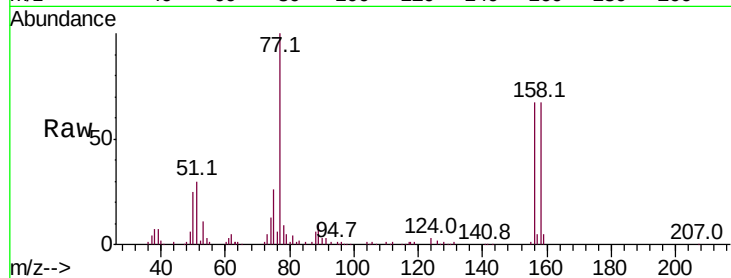
Tot Ion:156 Resp: 101488

Ion Ratio Lower Upper

156 100

77 159.3 86.3 258.8

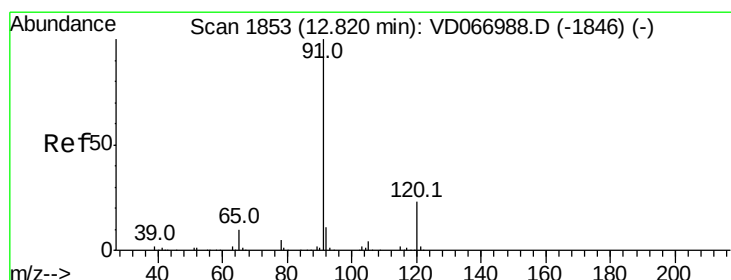
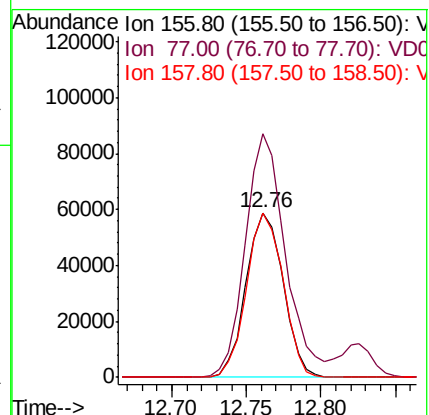
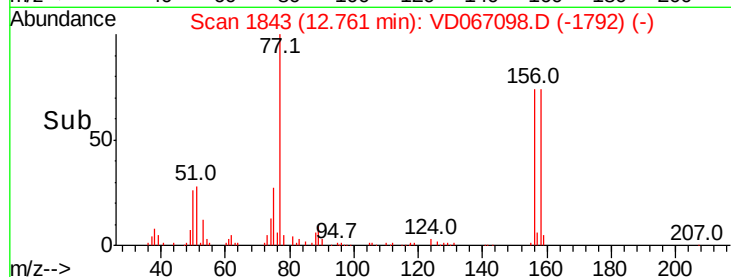
158 97.8 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.979 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067098.D

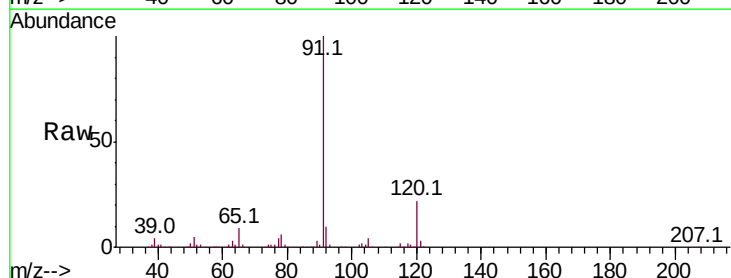
Acq: 06 Oct 2020 10:49

Tgt Ion: 91 Resp: 479158

Ion Ratio Lower Upper

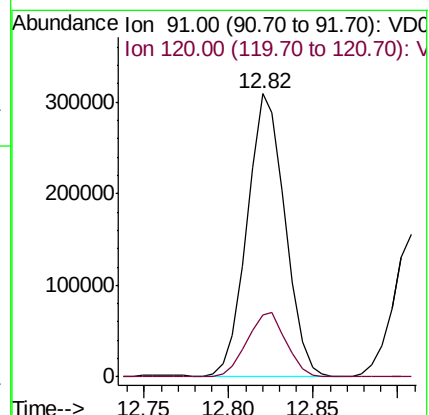
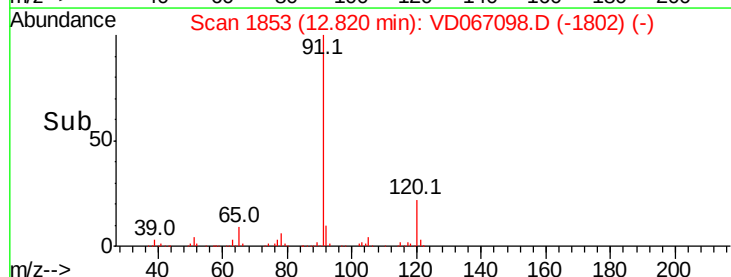
91 100

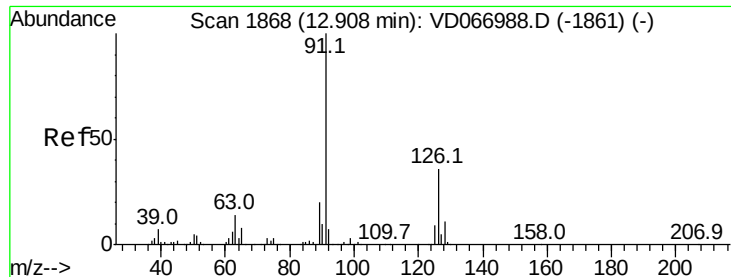
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.540 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

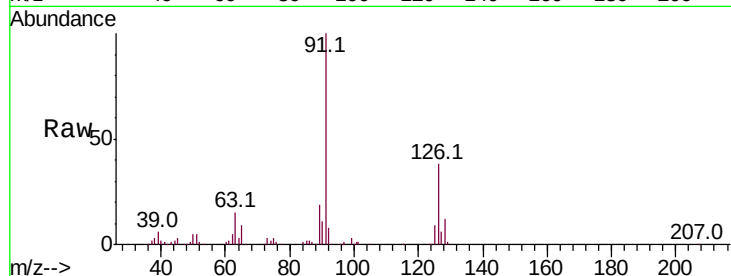
VD1006SBS01

Tot Ion: 91 Resp: 268405

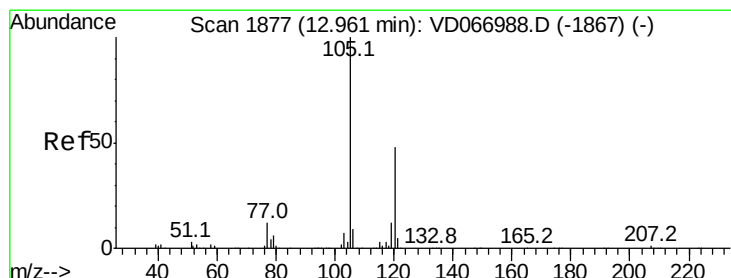
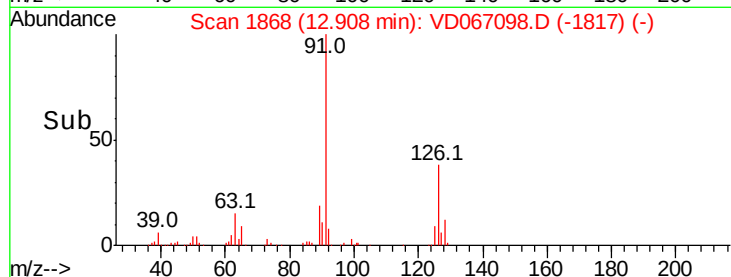
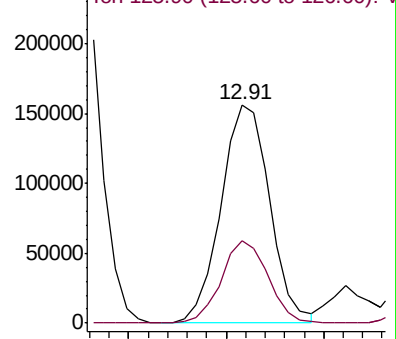
Ion Ratio Lower Upper

91 100

126 36.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 21.444 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067098.D

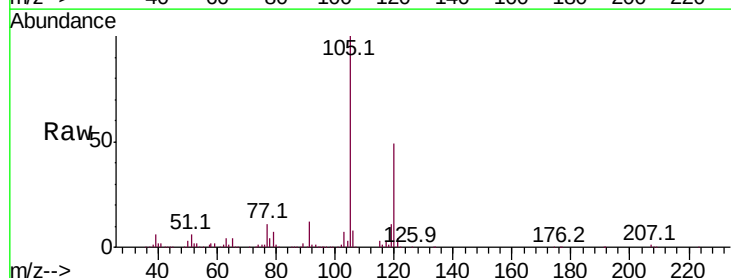
Acq: 06 Oct 2020 10:49

Tgt Ion:105 Resp: 350130

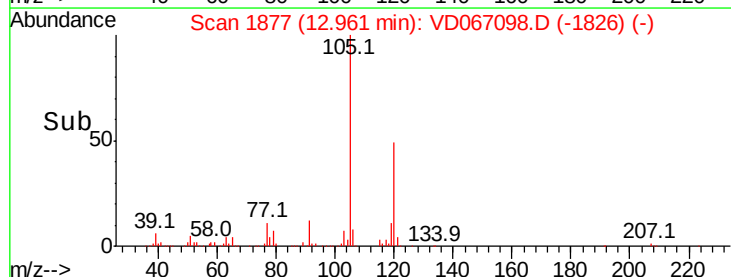
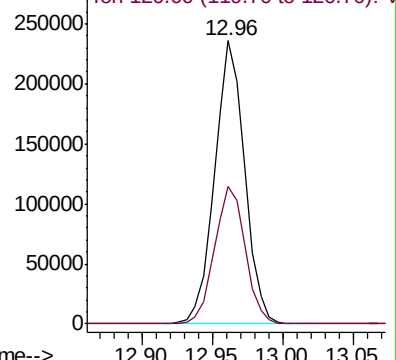
Ion Ratio Lower Upper

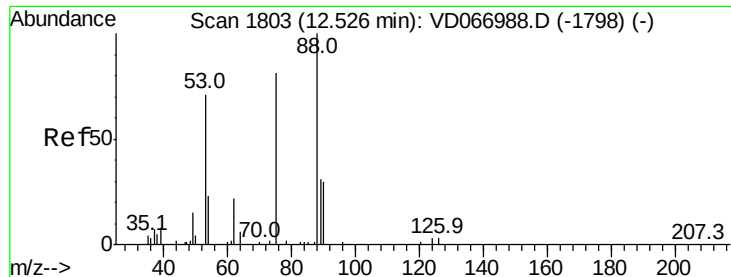
105 100

120 49.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.255 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

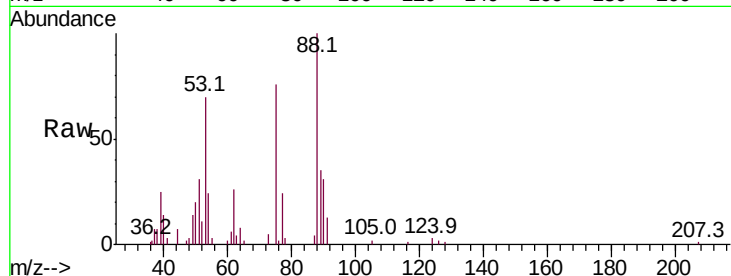
Tot Ion: 75 Resp: 18152

Ion Ratio Lower Upper

75 100

53 98.7 73.8 110.6

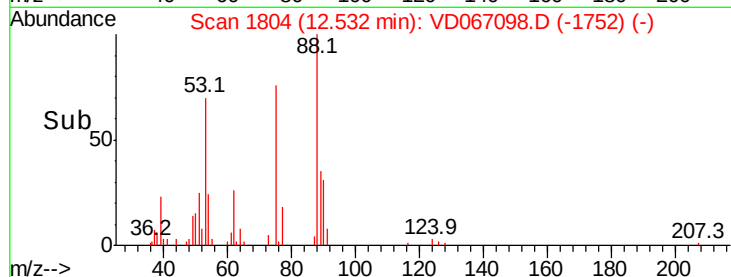
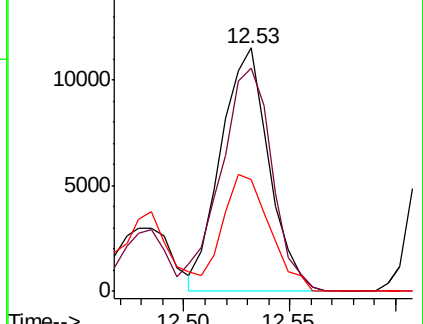
89 47.0 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 21.233 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067098.D

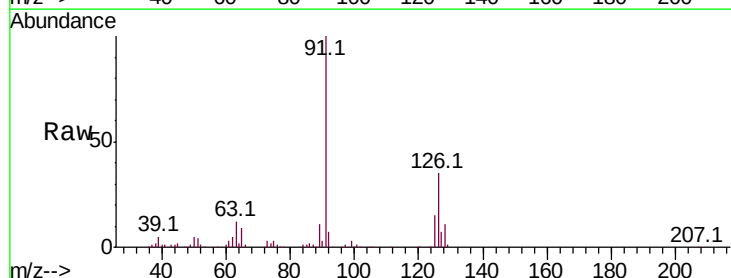
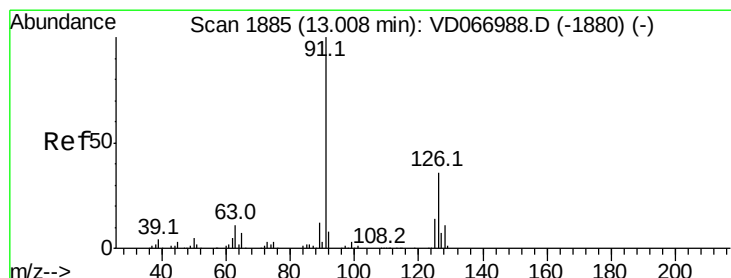
Acq: 06 Oct 2020 10:49

Tgt Ion: 91 Resp: 295208

Ion Ratio Lower Upper

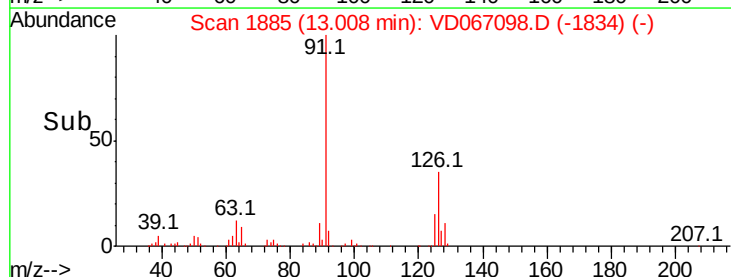
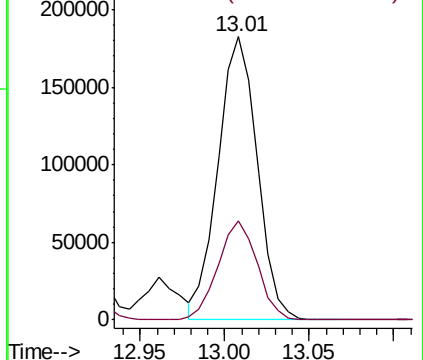
91 100

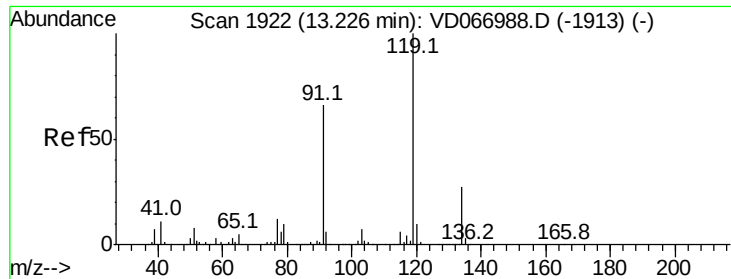
126 35.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

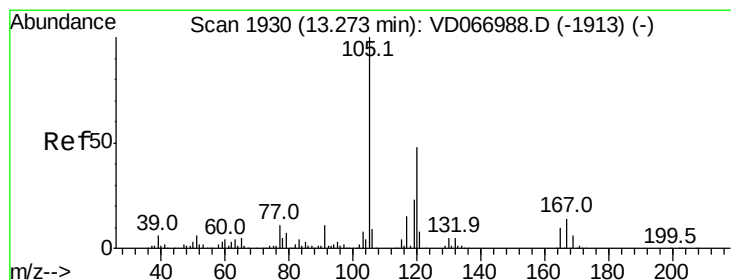
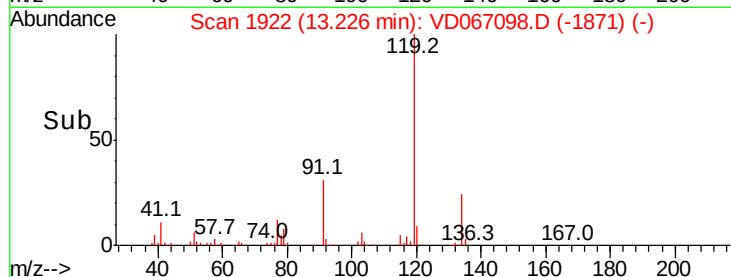
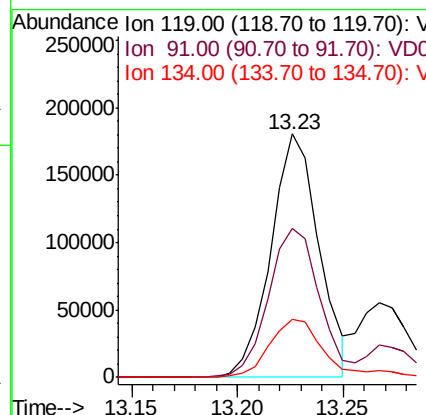
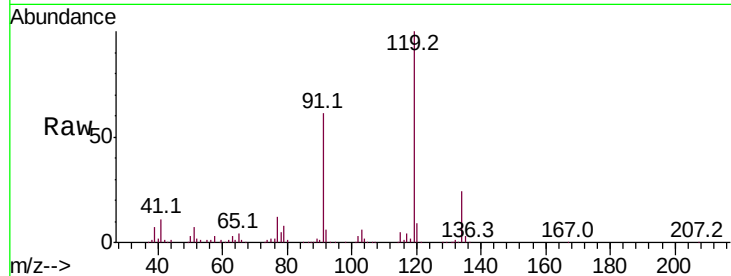




#83
tert-Butylbenzene
Concen: 20.810 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

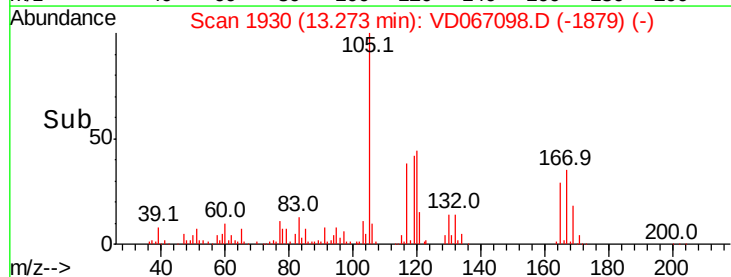
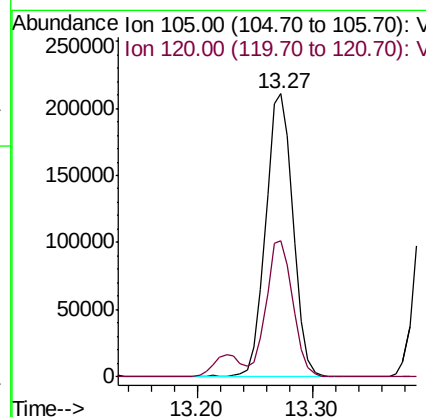
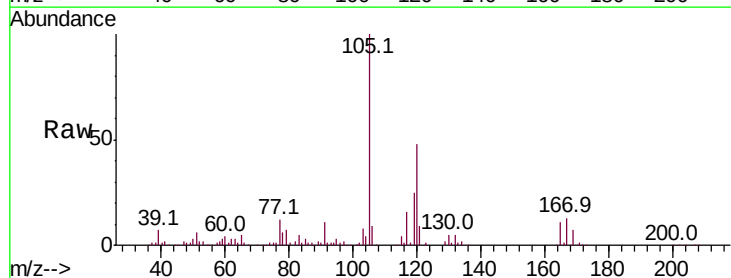
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

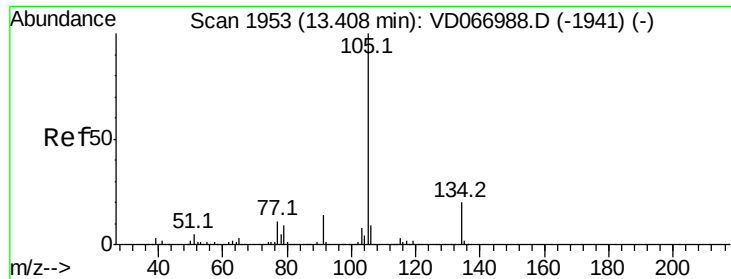
Tot Ion:119 Resp: 286131
Ion Ratio Lower Upper
119 100
91 65.4 32.8 98.3
134 27.4 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 21.450 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

Tgt Ion:105 Resp: 349521
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.997 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

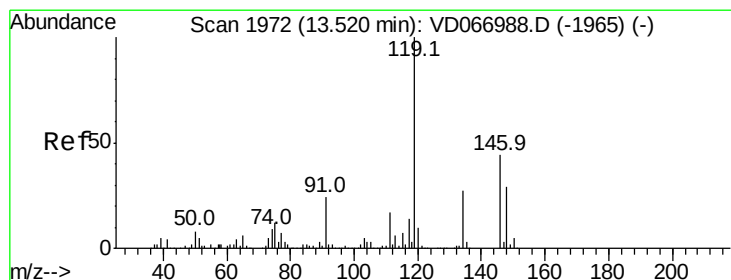
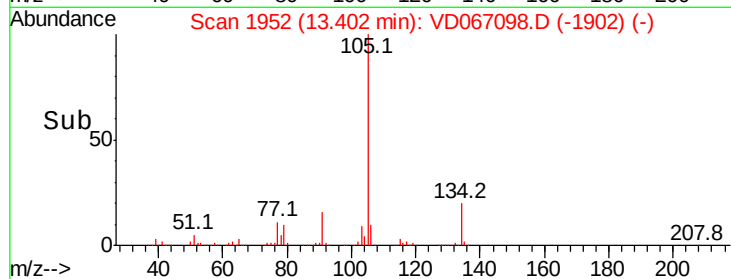
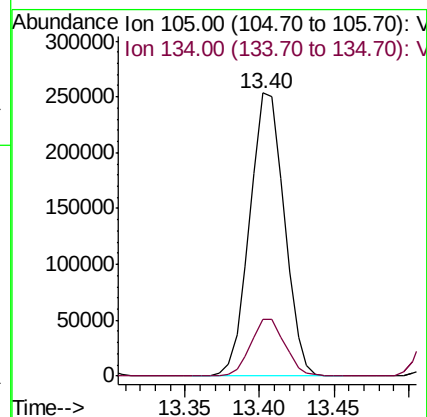
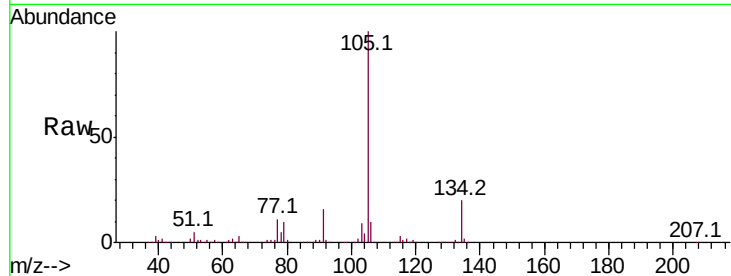
VD1006SBS01

Tot Ion:105 Resp: 406568

Ion Ratio Lower Upper

105 100

134 20.1 10.3 30.8



#86

p-Isopropyltoluene

Concen: 21.230 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

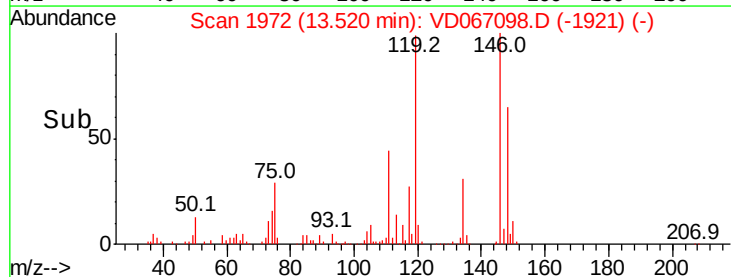
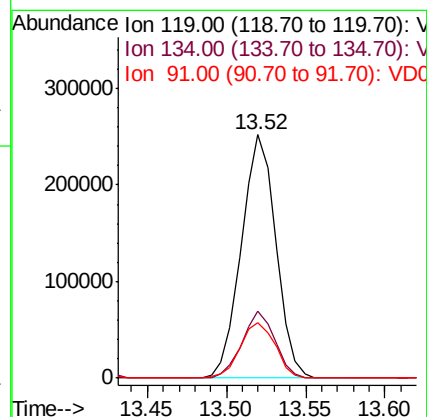
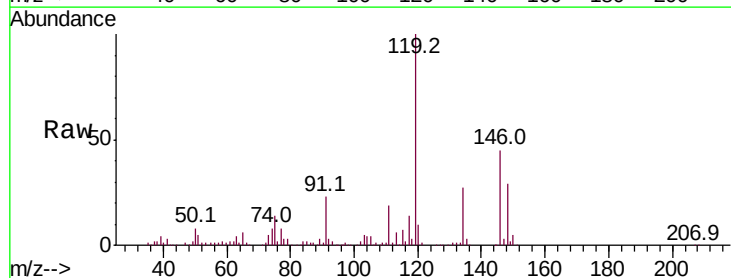
Tgt Ion:119 Resp: 381119

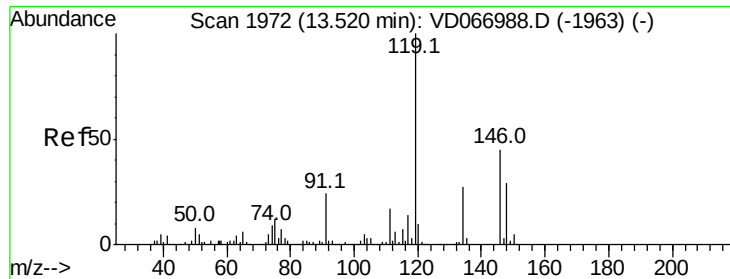
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.3 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 20.789 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

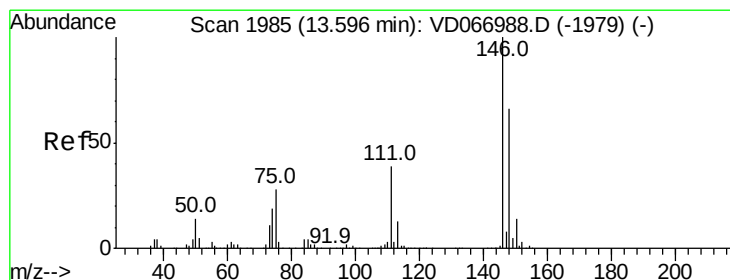
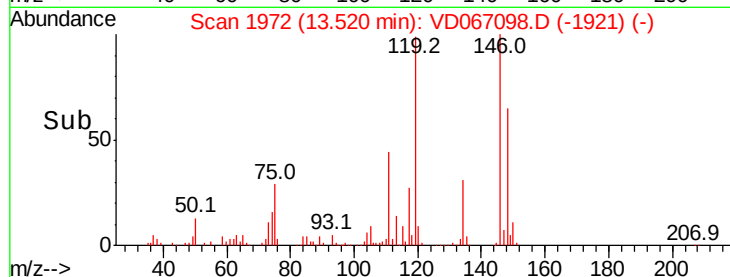
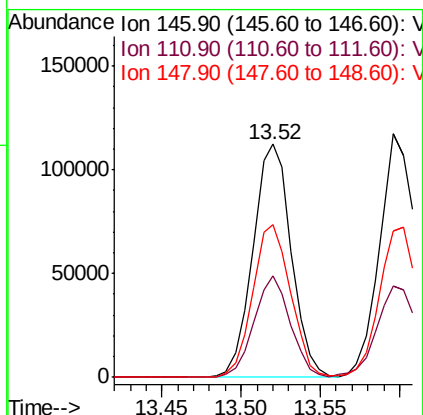
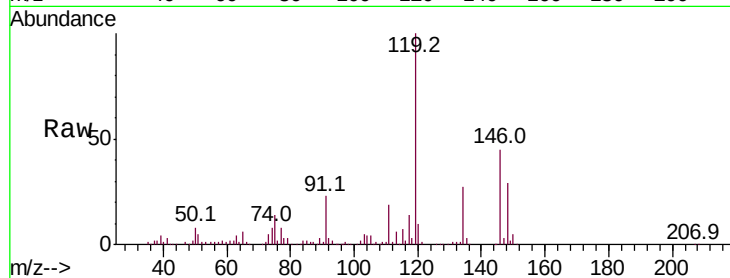
Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

Tot Ion:146 Resp: 188958

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.0	60.0
148	64.8	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 20.613 ug/l

RT: 13.60 min Scan# 1985

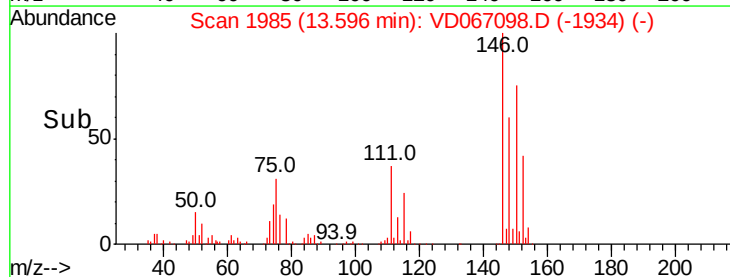
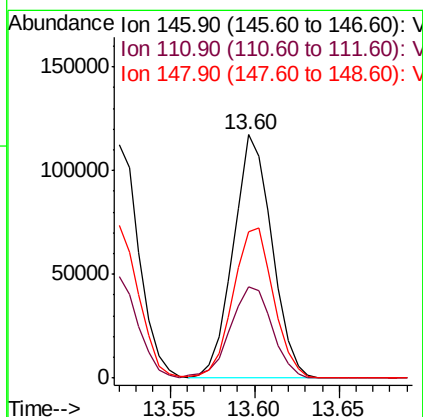
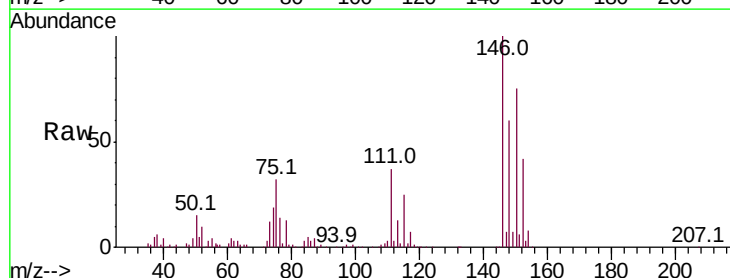
Delta R.T. 0.00 min

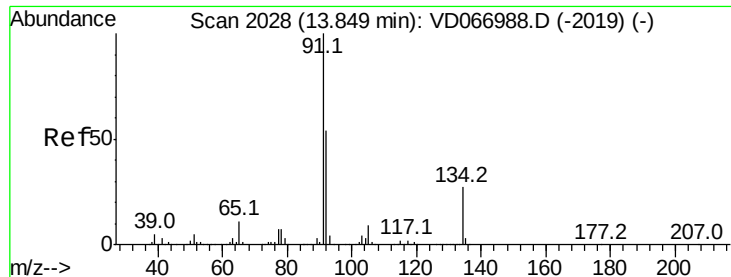
Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Tgt Ion:146 Resp: 187341

Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.7
148	64.6	32.6	97.7

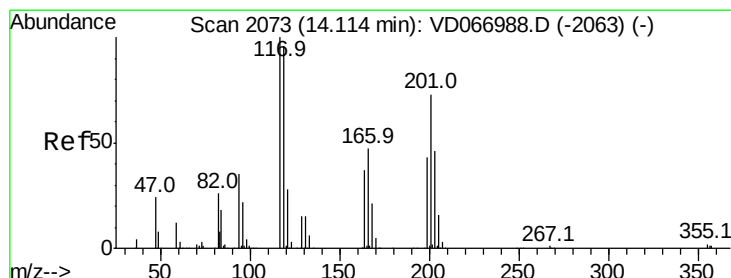
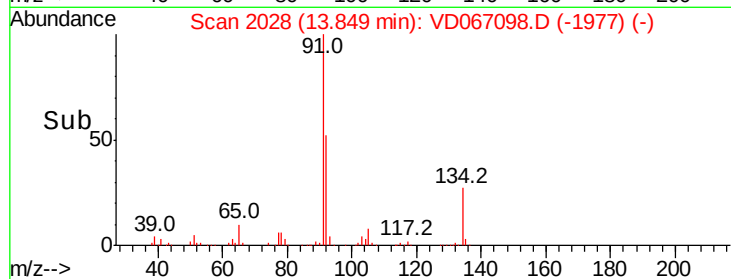
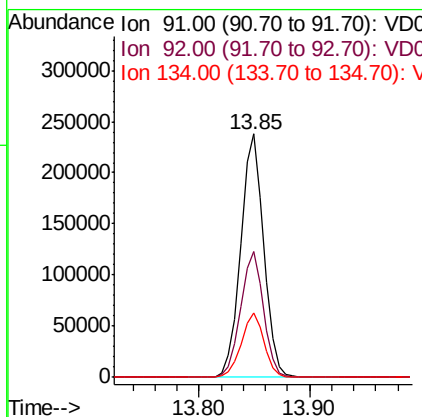
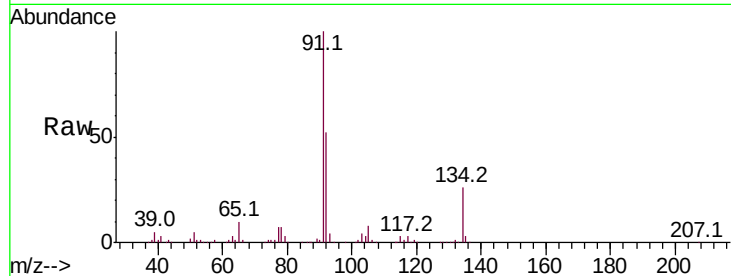




#89
n-Butylbenzene
Concen: 21.224 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

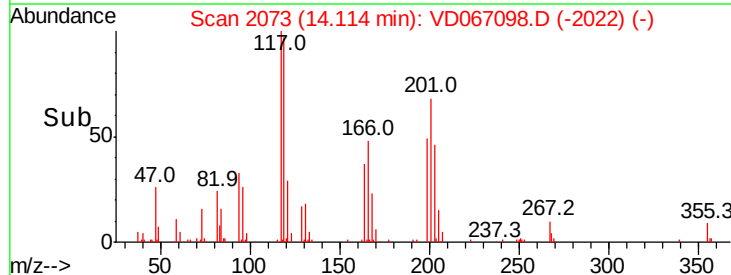
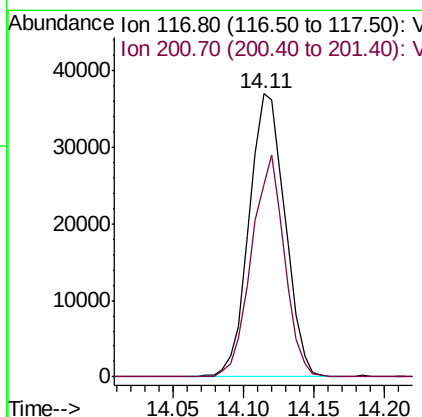
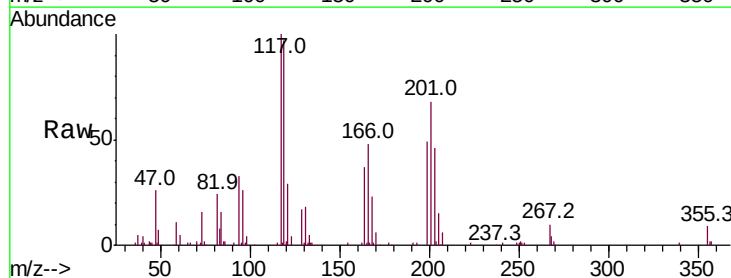
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS01

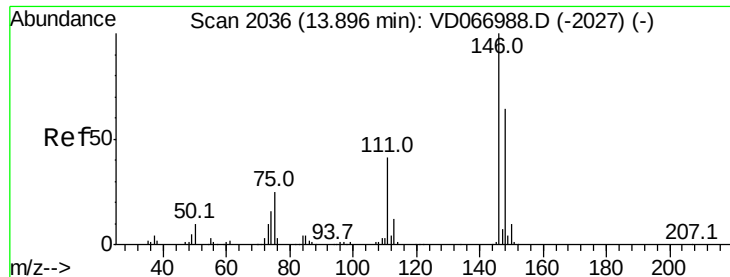
Tot Ion: 91 Resp: 348206
Ion Ratio Lower Upper
91 100
92 51.4 27.1 81.2
134 26.1 13.6 40.8



#90
Hexachloroethane
Concen: 21.074 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067098.D
Acq: 06 Oct 2020 10:49

Tgt Ion: 117 Resp: 66268
Ion Ratio Lower Upper
117 100
201 71.7 37.0 110.9

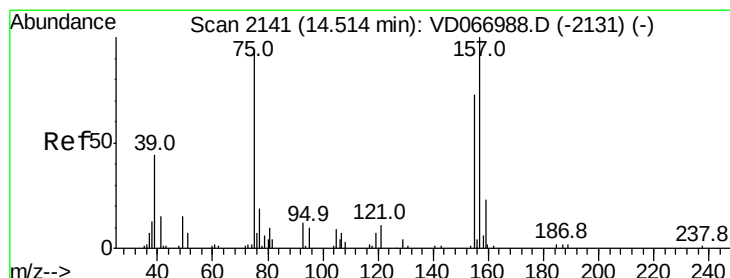
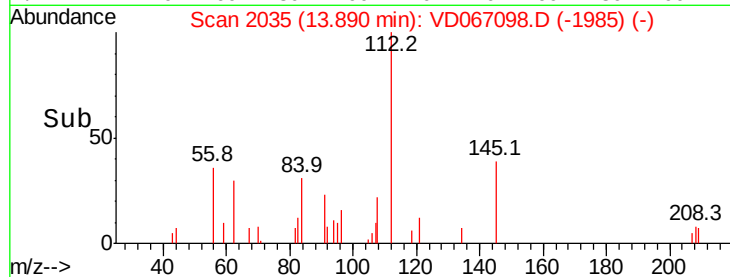
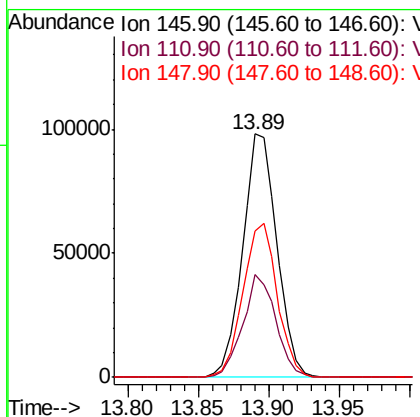
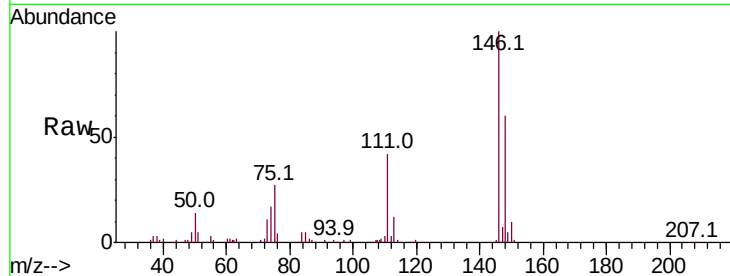




#91
 1,2-Dichlorobenzene
 Concen: 20.976 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

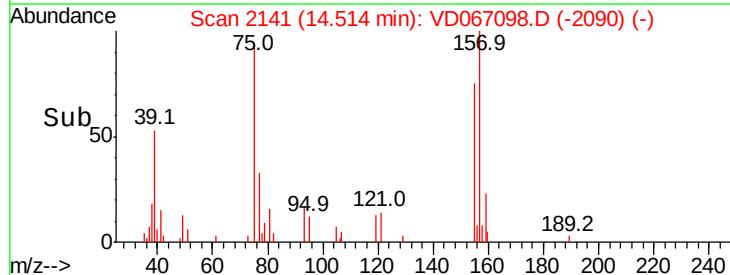
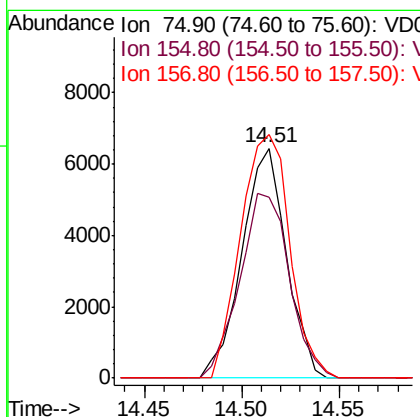
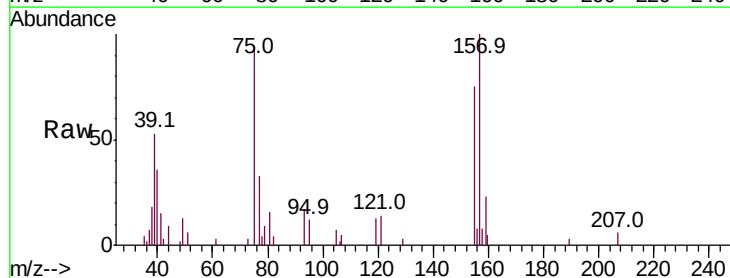
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

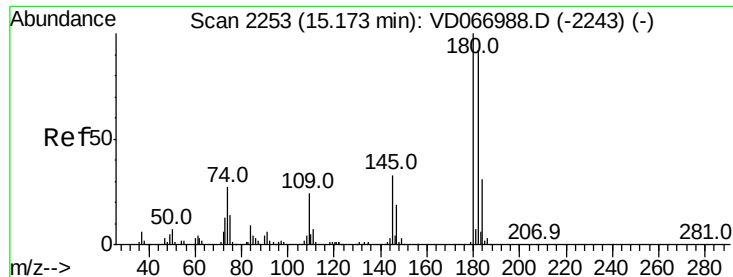
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.9	62.7
148	63.3	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.359 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.9	45.2	135.6
157	117.6	56.3	168.8

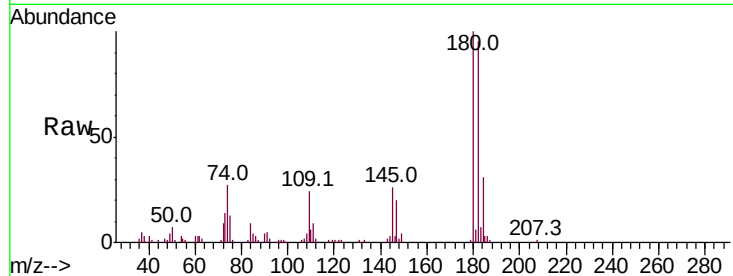




#93
 1,2,4-Trichlorobenzene
 Concen: 21.145 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.3	142.0
145	30.3	16.4	49.1

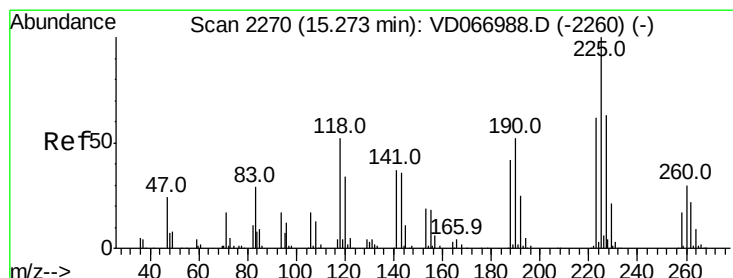
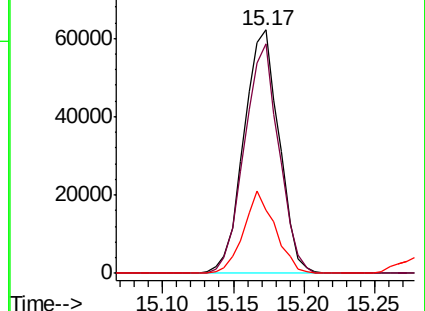
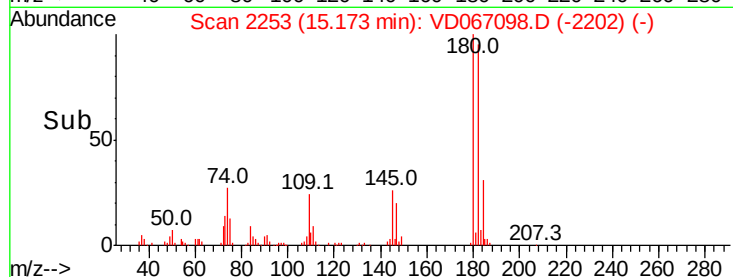


Abundance

Ion 179.80 (179.50 to 180.50): V

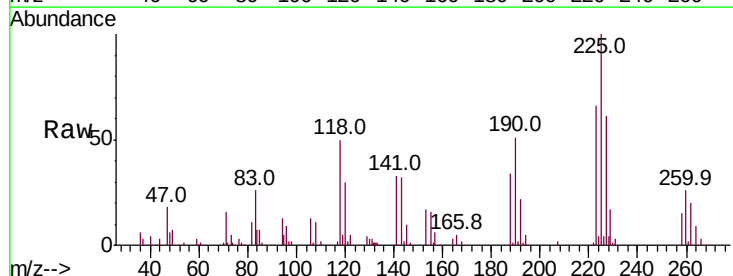
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.295 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067098.D
 Acq: 06 Oct 2020 10:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	32.4	97.0
227	62.7	31.6	95.0

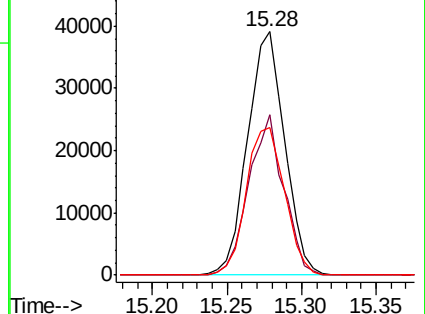
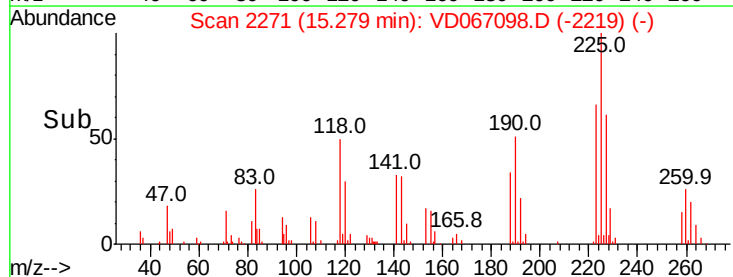


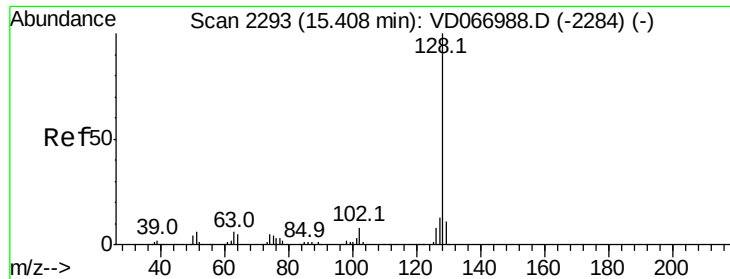
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.508 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS01

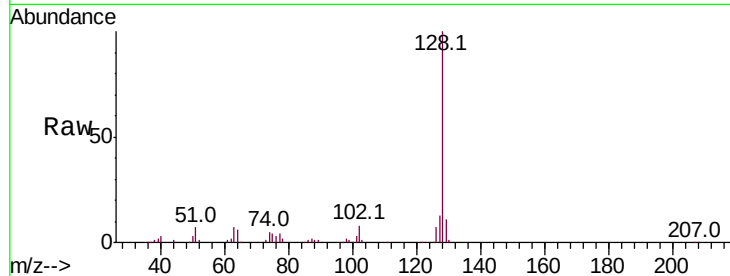
Tot Ion:128 Resp: 167073

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

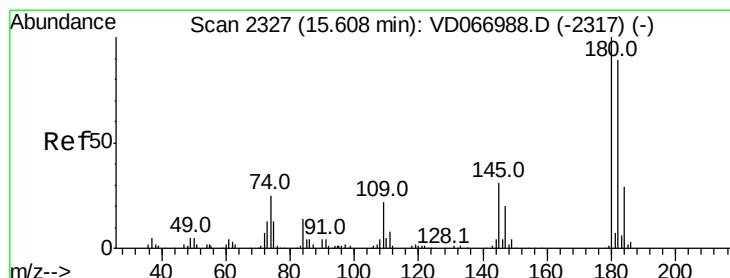
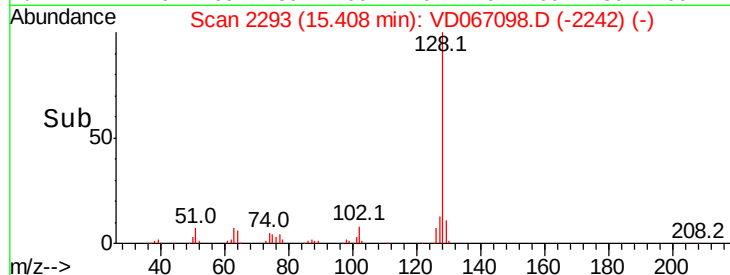
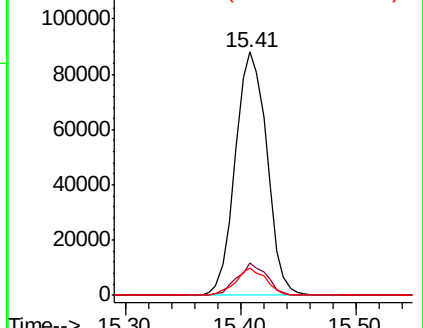
129 10.8 8.6 13.0



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: 20.611 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD067098.D

Acq: 06 Oct 2020 10:49

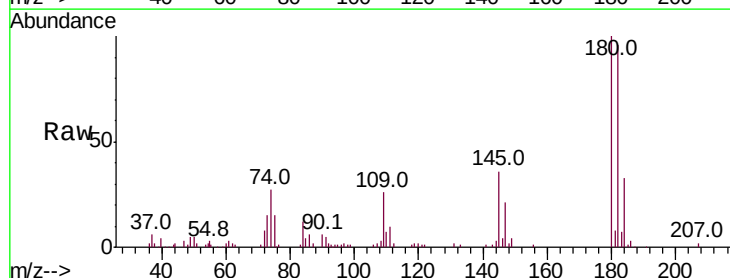
Tgt Ion:180 Resp: 91871

Ion Ratio Lower Upper

180 100

182 96.1 46.4 139.1

145 34.6 16.6 49.7



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

