

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067122.D
 Acq On : 06 Oct 2020 23:06
 Operator : VA/SY
 Sample : VD1006SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Quant Time: Oct 07 01:59:15 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	340107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	546546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	516532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245670	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	175485	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	7.92	113	190076	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.34	98	674656	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.64	95	238650	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	69992	22.874	ug/l	94
3) Chloromethane	2.21	50	52726	19.467	ug/l	98
4) Vinyl Chloride	2.35	62	52623	19.376	ug/l	92
5) Bromomethane	2.76	94	41241	21.051	ug/l	100
6) Chloroethane	2.93	64	33283	20.123	ug/l	100
7) Trichlorofluoromethane	3.28	101	119371	19.783	ug/l	98
8) Diethyl Ether	3.71	74	30956	20.688	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.10	101	67546	19.805	ug/l	100
10) Methyl Iodide	4.30	142	63307	19.104	ug/l	96
11) Tert butyl alcohol	5.22	59	20634	73.092	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	62211	19.404	ug/l	96
13) Acrolein	3.93	56	17428	79.452	ug/l	100
14) Allyl chloride	4.71	41	76807	18.441	ug/l	94
15) Acrylonitrile	5.43	53	55180	100.199	ug/l	93
16) Acetone	4.16	43	44590	89.168	ug/l	96
17) Carbon Disulfide	4.41	76	189218	19.231	ug/l	99
18) Methyl Acetate	4.72	43	27620	21.976	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	121525	20.764	ug/l	99
20) Methylene Chloride	4.97	84	89367	20.958	ug/l	96
21) trans-1,2-Dichloroethene	5.48	96	73408	20.119	ug/l	98
22) Diisopropyl ether	6.36	45	150807	19.833	ug/l	96
23) Vinyl Acetate	6.31	43	393334	91.286	ug/l	97
24) 1,1-Dichloroethane	6.27	63	118747	20.236	ug/l	96
25) 2-Butanone	7.21	43	62263	87.820	ug/l	97
26) 2,2-Dichloropropane	7.21	77	100030	17.231	ug/l	95
27) cis-1,2-Dichloroethene	7.21	96	79428	20.383	ug/l	99
28) Bromochloromethane	7.55	49	40913	18.053	ug/l	85
29) Tetrahydrofuran	7.57	42	36622	89.835	ug/l	93
30) Chloroform	7.71	83	136793	21.489	ug/l	96
31) Cyclohexane	7.98	56	84187	17.112	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	123669	20.962	ug/l	97
36) 1,1-Dichloropropene	8.11	75	93141	18.283	ug/l	98
37) Ethyl Acetate	7.29	43	31199	17.678	ug/l #	78
38) Carbon Tetrachloride	8.10	117	114752	20.818	ug/l	99

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 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	96966	18.003	ug/l	96
40) Benzene	8.35	78	284798	20.127	ug/l	100
41) Methacrylonitrile	7.53	41	17693	18.557	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	82297	20.814	ug/l	96
43) Isopropyl Acetate	8.45	43	59092	18.175	ug/l	95
44) Trichloroethene	9.11	130	86030	20.361	ug/l	99
45) 1,2-Dichloropropane	9.38	63	67051	20.167	ug/l	96
46) Dibromomethane	9.47	93	39102	20.463	ug/l	96
47) Bromodichloromethane	9.66	83	105879	21.315	ug/l	95
48) Methyl methacrylate	9.46	41	26844	16.116	ug/l #	69
49) 1,4-Dioxane	9.46	88	7087	355.354	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	147133	90.855	ug/l	98
52) Toluene	10.40	92	187043	20.520	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	89876	20.245	ug/l	89
54) cis-1,3-Dichloropropene	10.09	75	108510	20.017	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	52824	19.883	ug/l	91
56) Ethyl methacrylate	10.66	69	56250	20.508	ug/l	98
57) 1,3-Dichloropropane	10.94	76	89763	20.836	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	156082	102.239	ug/l	97
59) 2-Hexanone	10.98	43	96674	89.441	ug/l	95
60) Dibromochloromethane	11.14	129	78147	22.070	ug/l	100
61) 1,2-Dibromoethane	11.25	107	56278	22.049	ug/l	97
64) Tetrachloroethene	10.87	164	75310	20.055	ug/l	94
65) Chlorobenzene	11.67	112	206827	20.133	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	85888	21.979	ug/l	97
67) Ethyl Benzene	11.74	91	356329	20.244	ug/l	98
68) m/p-Xylenes	11.85	106	280974	40.960	ug/l	100
69) o-Xylene	12.18	106	124938	20.367	ug/l	96
70) Styrene	12.20	104	217439	20.642	ug/l	98
71) Bromoform	12.36	173	44554	21.964	ug/l #	93
73) Isopropylbenzene	12.48	105	336966	20.200	ug/l	99
74) N-amyl acetate	12.29	43	55370	18.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	56082	19.954	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	71306	33.323	ug/l #	100
77) Bromobenzene	12.76	156	84924	21.084	ug/l	95
78) n-propylbenzene	12.82	91	402588	20.421	ug/l	99
79) 2-Chlorotoluene	12.91	91	230700	20.453	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	297584	21.115	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	15328	17.858	ug/l	90
82) 4-Chlorotoluene	13.01	91	249135	20.760	ug/l	100
83) tert-Butylbenzene	13.23	119	251534	21.194	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	300507	21.366	ug/l	98
85) sec-Butylbenzene	13.41	105	339624	20.320	ug/l	100
86) p-Isopropyltoluene	13.52	119	315551	20.364	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	162284	20.684	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	158101	20.153	ug/l	98
89) n-Butylbenzene	13.85	91	269548	19.034	ug/l	97
90) Hexachloroethane	14.11	117	54350	20.024	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	143599	20.957	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8801	19.426	ug/l	96

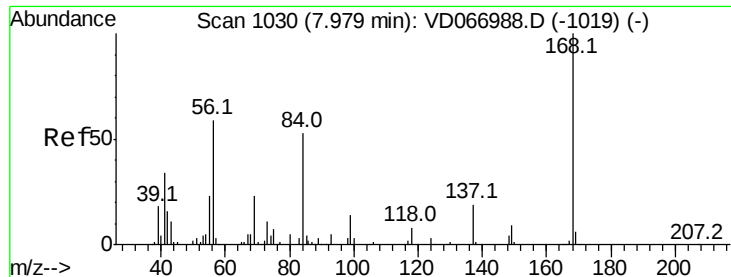
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	87236	19.683	ug/l	99
94) Hexachlorobutadiene	15.28	225	53589	19.688	ug/l	97
95) Naphthalene	15.41	128	140959	19.068	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	77308	20.093	ug/l	99

(#) = 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: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

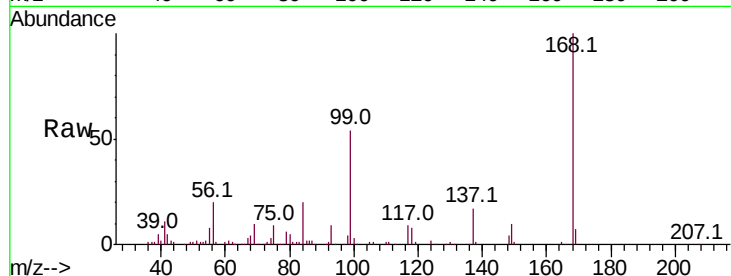
VD1006SBS02

Tot Ion:168 Resp: 340107

Ion Ratio Lower Upper

168 100

99 54.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

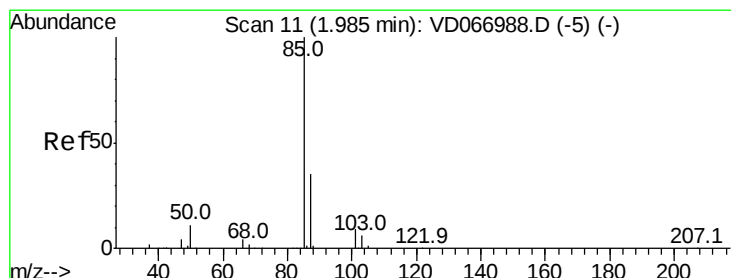
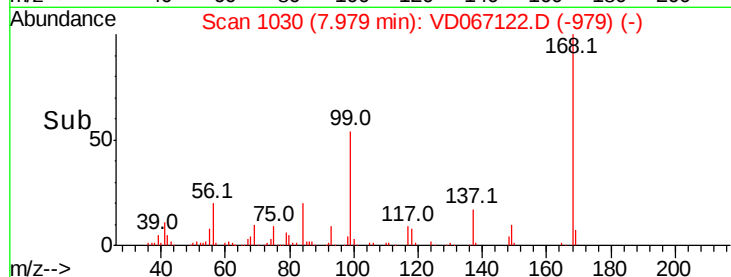
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 22.874 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD067122.D

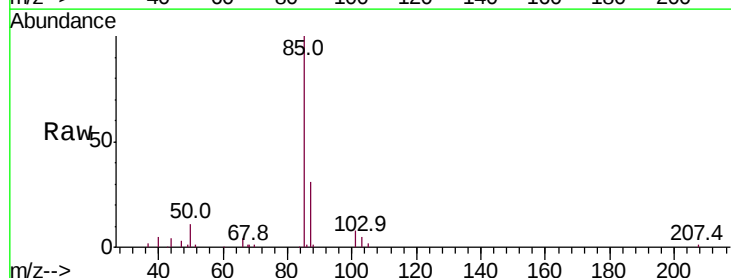
Acq: 06 Oct 2020 23:06

Tgt Ion: 85 Resp: 69992

Ion Ratio Lower Upper

85 100

87 31.2 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

60000

50000

40000

30000

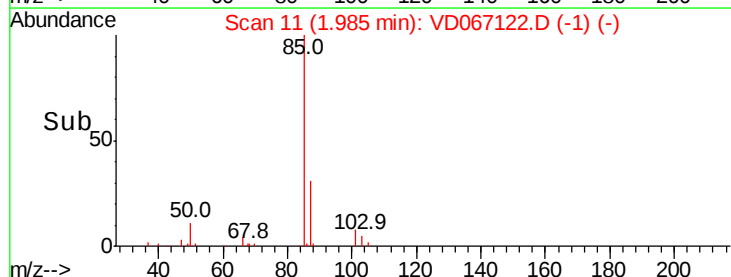
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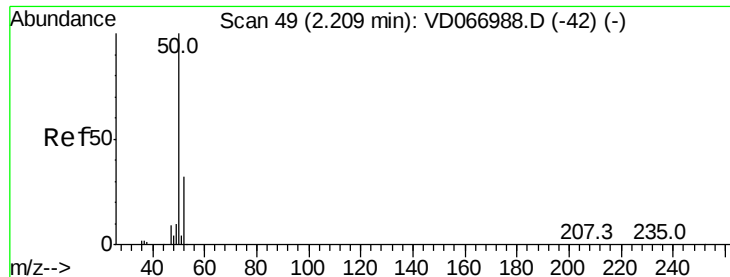
10000

0

Time-->

1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 19.467 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

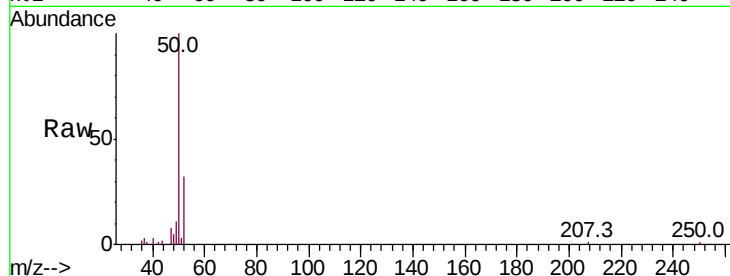
VD1006SBS02

Tot Ion: 50 Resp: 52726

Ion Ratio Lower Upper

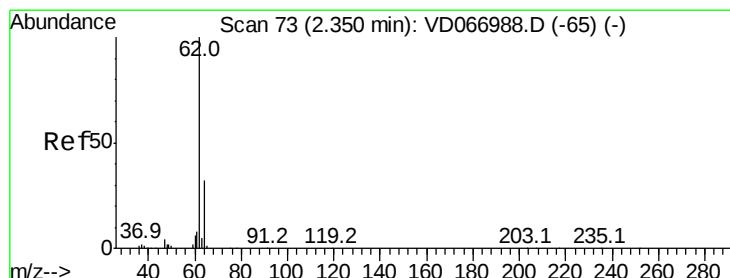
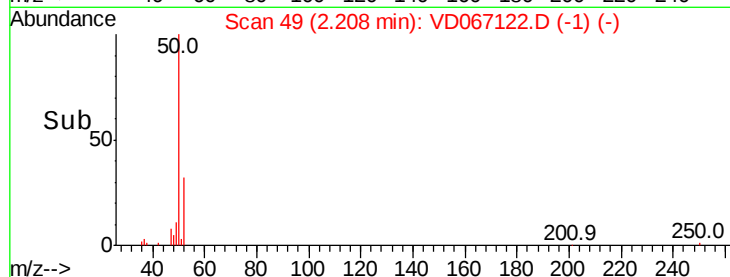
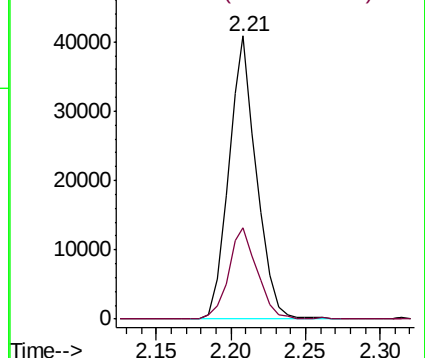
50 100

52 32.5 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.376 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067122.D

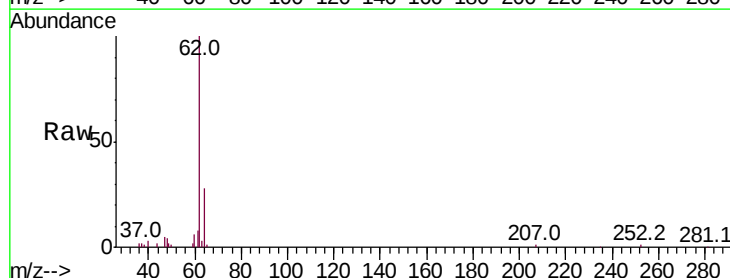
Acq: 06 Oct 2020 23:06

Tgt Ion: 62 Resp: 52623

Ion Ratio Lower Upper

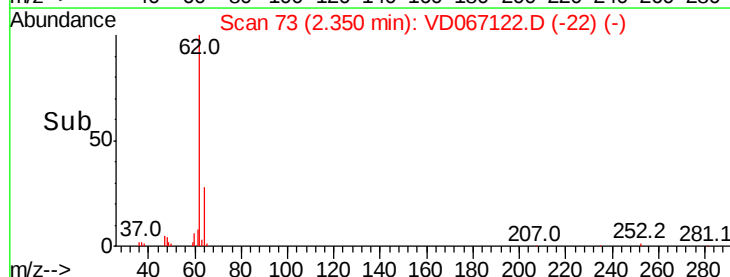
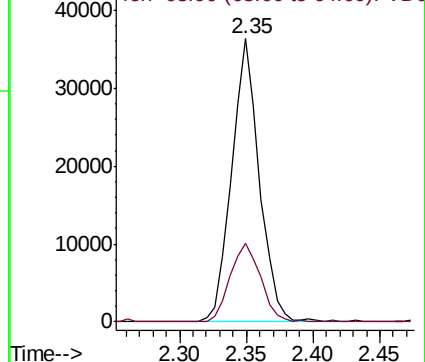
62 100

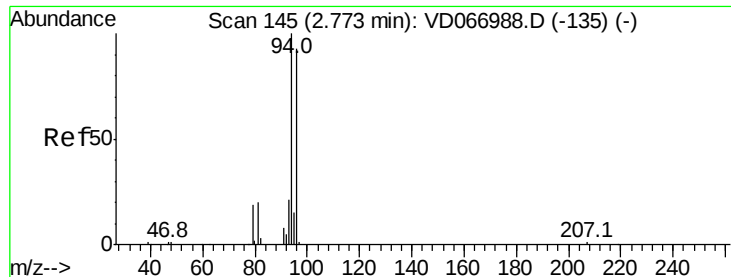
64 27.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.051 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

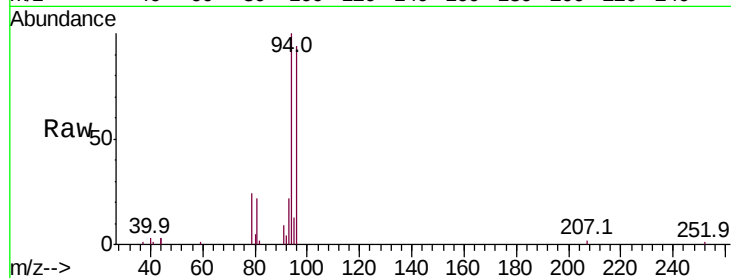
VD1006SBS02

Tot Ion: 94 Resp: 41241

Ion Ratio Lower Upper

94 100

96 93.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

20000

15000

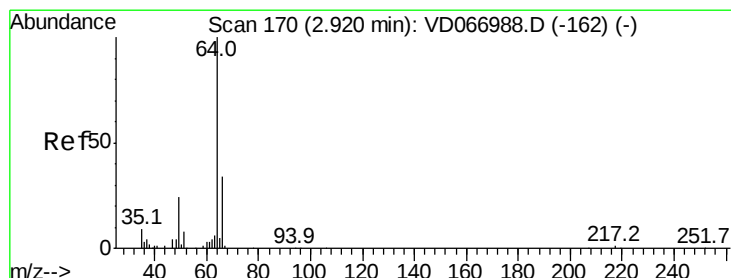
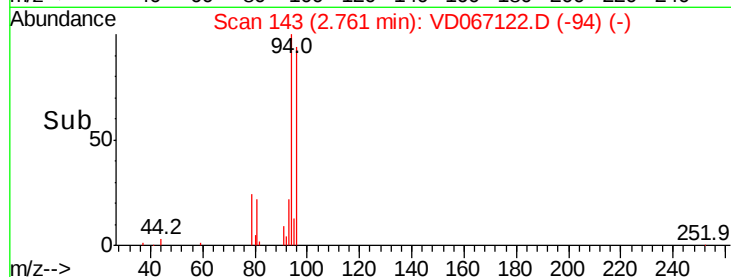
10000

5000

0

Time-->

2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 20.123 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067122.D

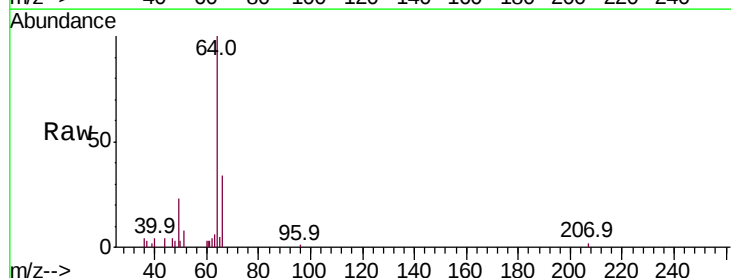
Acq: 06 Oct 2020 23:06

Tgt Ion: 64 Resp: 33283

Ion Ratio Lower Upper

64 100

66 33.7 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

15000

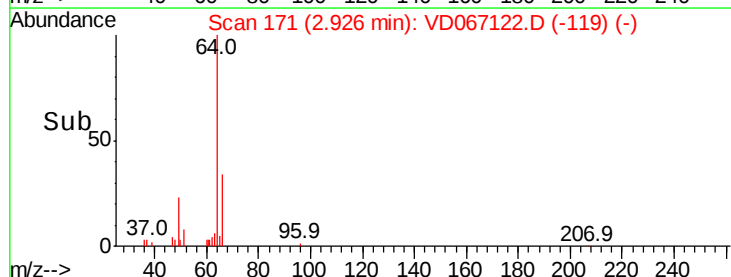
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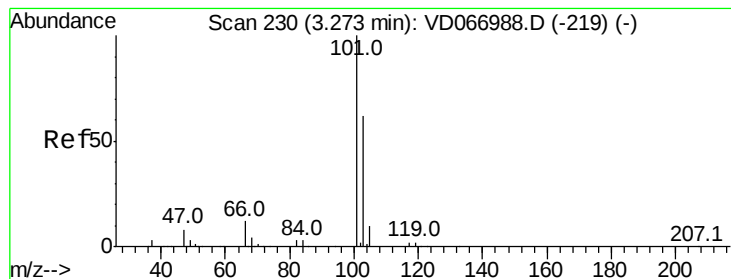
5000

0

Time-->

2.85 2.90 2.95 3.00



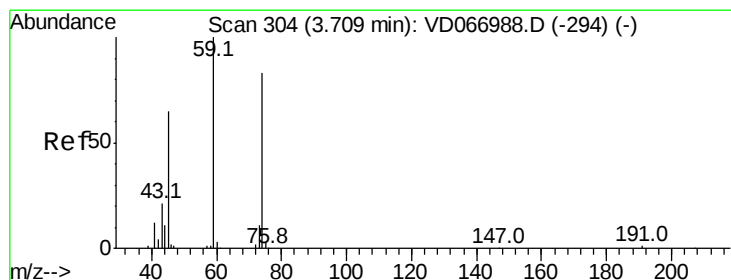
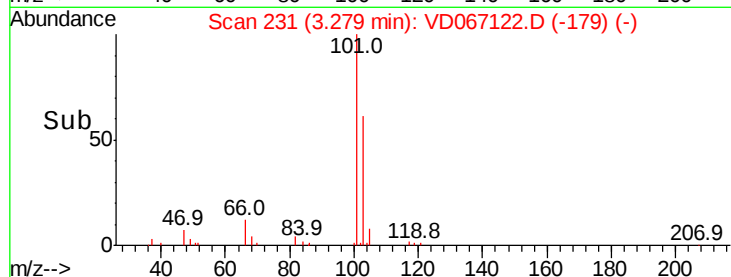
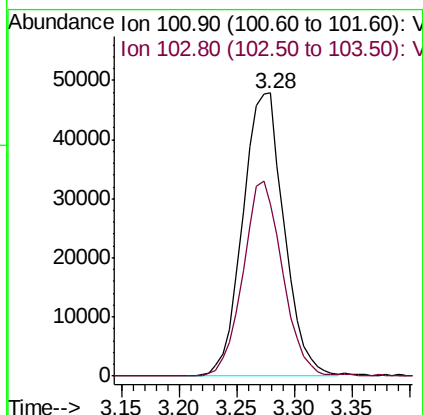
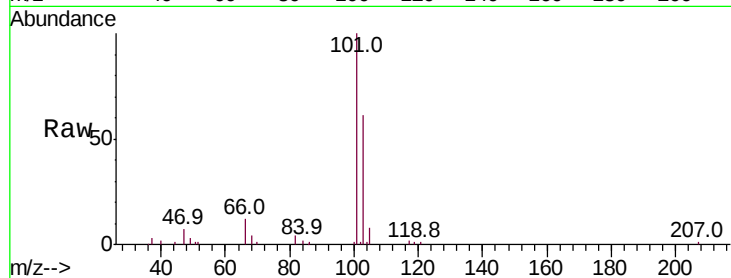


#7

Trichlorofluoromethane
Concen: 19.783 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

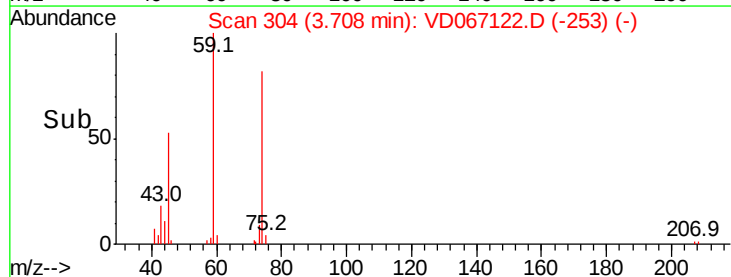
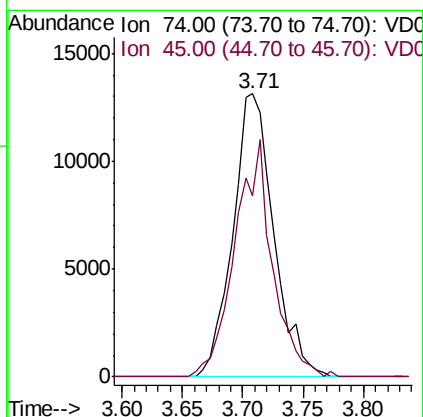
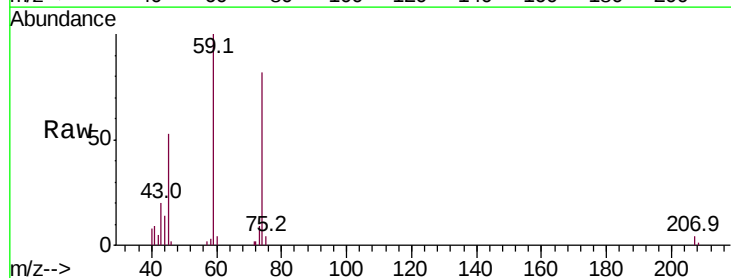
Tot Ion:101 Resp: 119371
Ion Ratio Lower Upper
101 100
103 60.8 49.8 74.8

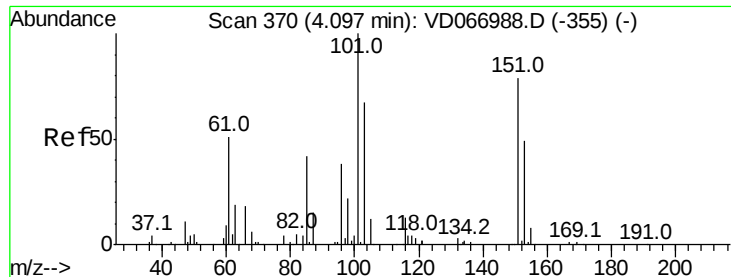


#8

Diethyl Ether
Concen: 20.688 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion: 74 Resp: 30956
Ion Ratio Lower Upper
74 100
45 77.0 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.805 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

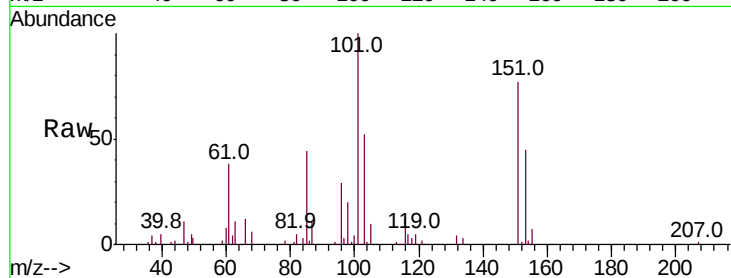
Tot Ion:101 Resp: 67546

Ion Ratio Lower Upper

101 100

85 43.0 33.8 50.8

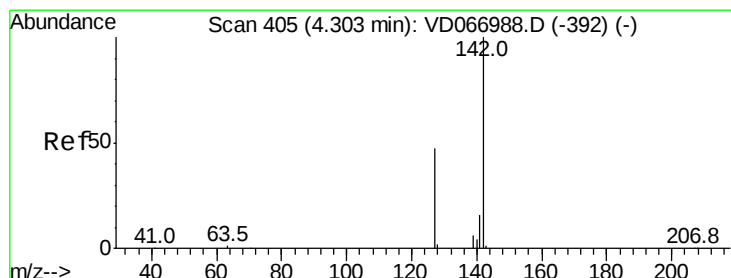
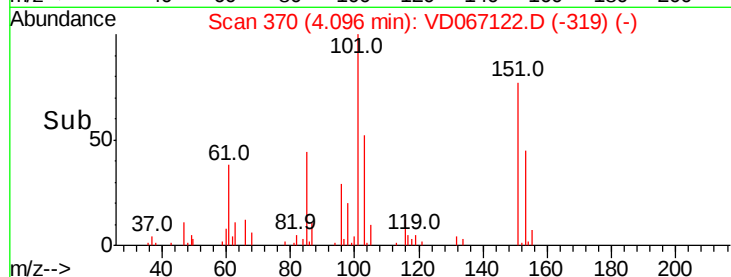
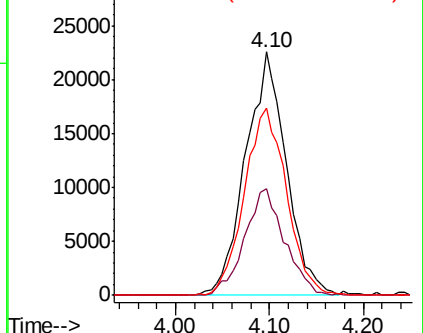
151 79.7 63.8 95.8



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: 19.104 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

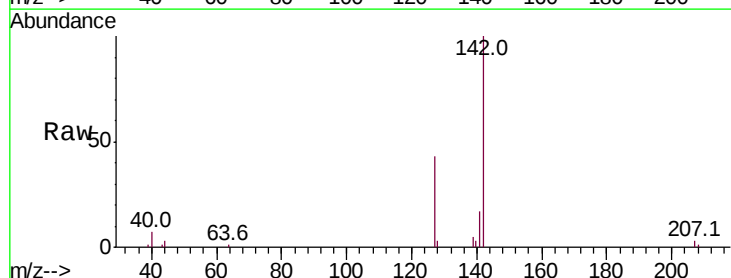
Tgt Ion:142 Resp: 63307

Ion Ratio Lower Upper

142 100

127 48.4 36.3 54.5

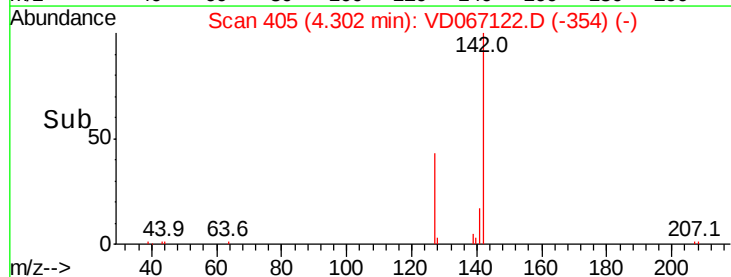
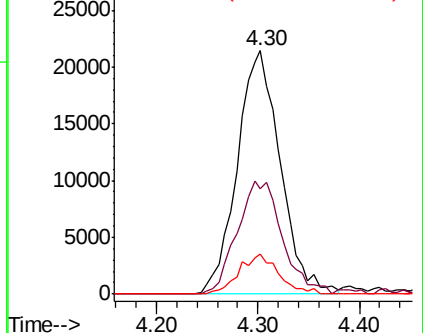
141 15.1 12.0 18.0

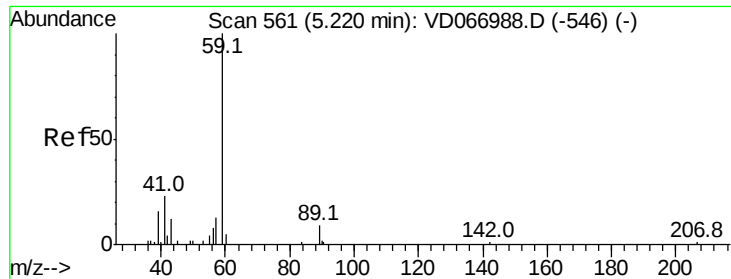


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

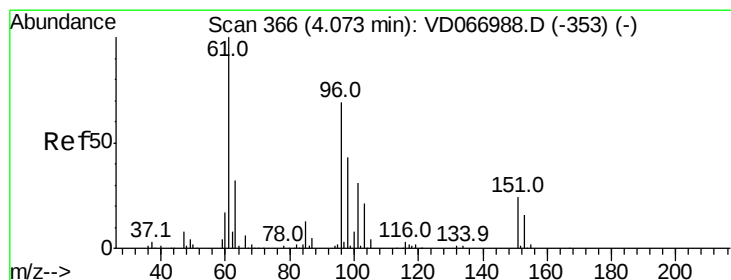
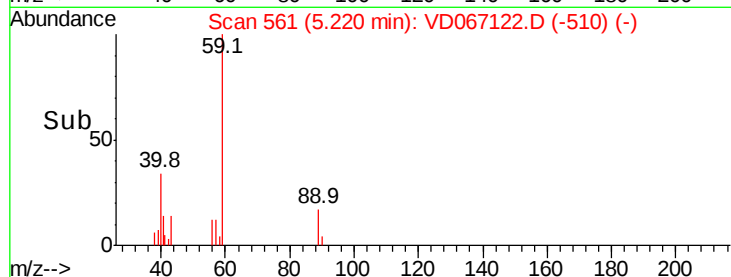
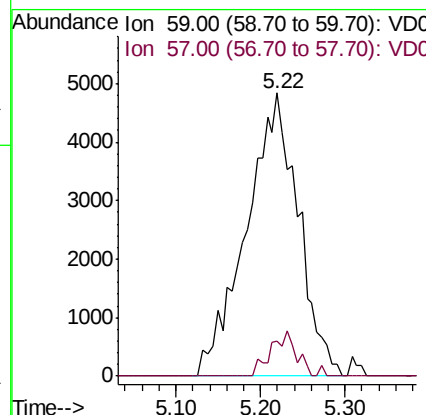
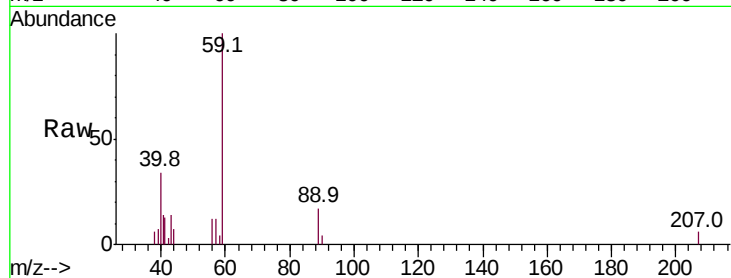




#11
Tert butyl alcohol
Concen: 73.092 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

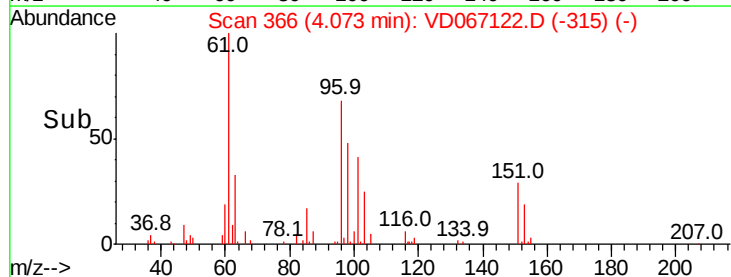
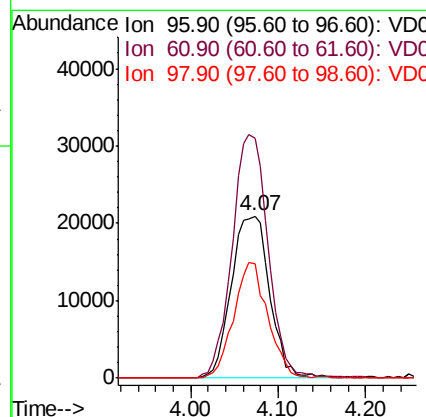
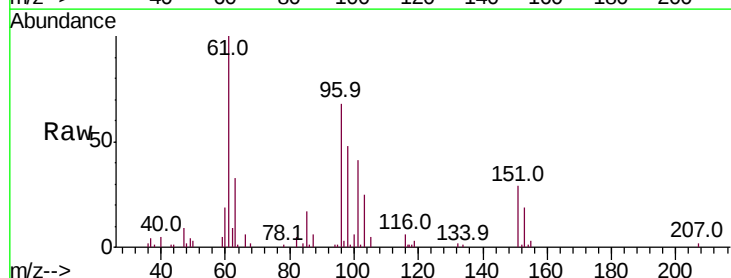
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

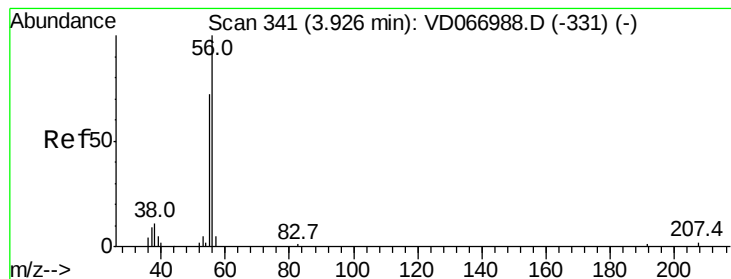
Tot Ion: 59 Resp: 20634
Ion Ratio Lower Upper
59 100
57 7.7 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 19.404 ug/l
RT: 4.07 min Scan# 366
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion: 96 Resp: 62211
Ion Ratio Lower Upper
96 100
61 147.9 116.4 174.6
98 70.4 49.9 74.9





#13

Acrolein

Concen: 79.452 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

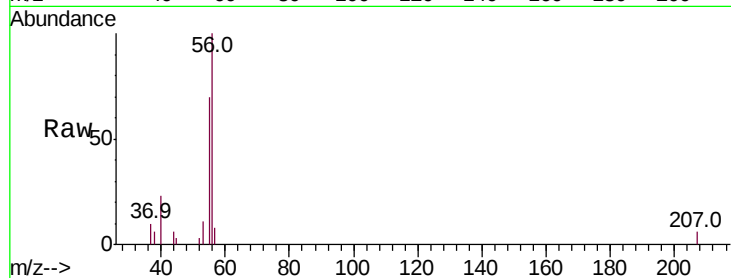
VD1006SBS02

Tot Ion: 56 Resp: 17428

Ion Ratio Lower Upper

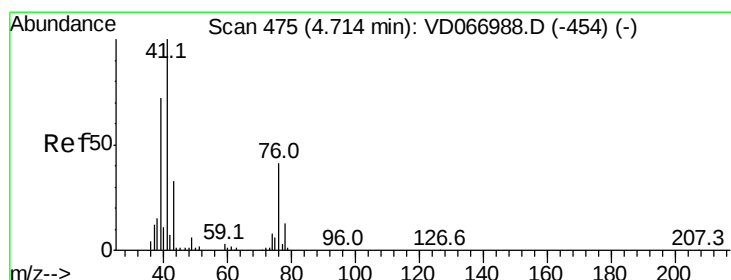
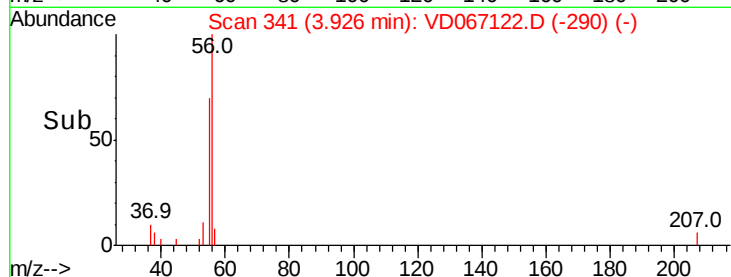
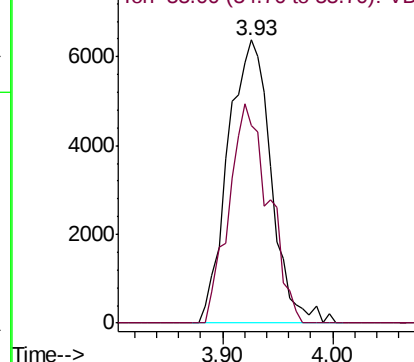
56 100

55 71.5 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.441 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

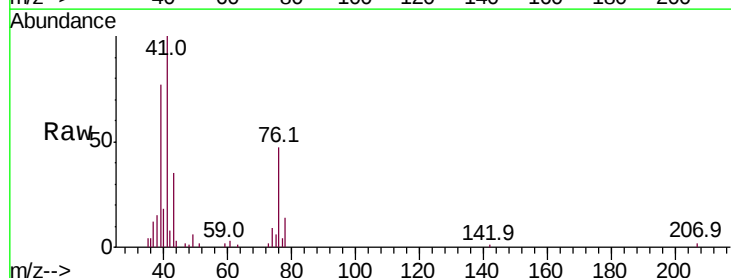
Tgt Ion: 41 Resp: 76807

Ion Ratio Lower Upper

41 100

39 75.3 56.2 84.2

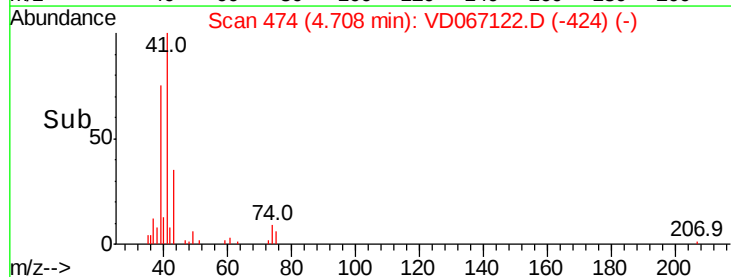
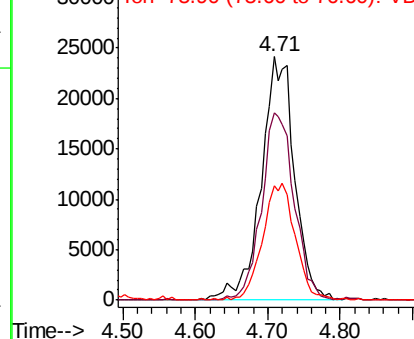
76 47.0 34.2 51.2

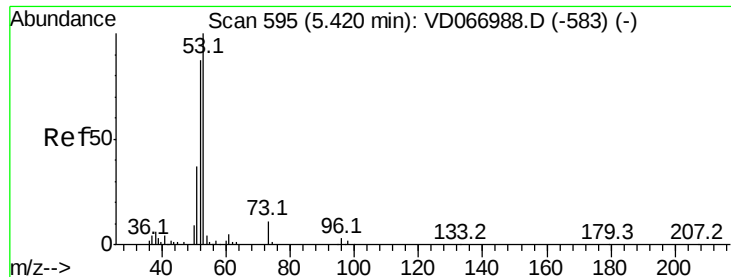


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 100.199 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

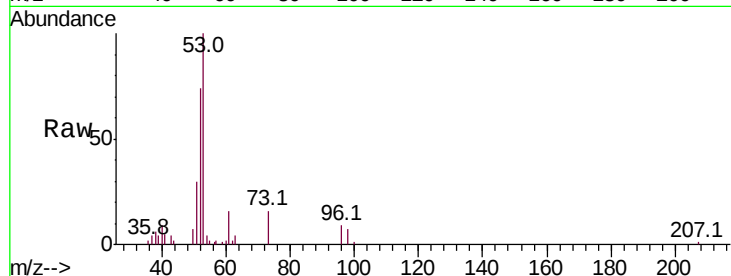
Tot Ion: 53 Resp: 55180

Ion Ratio Lower Upper

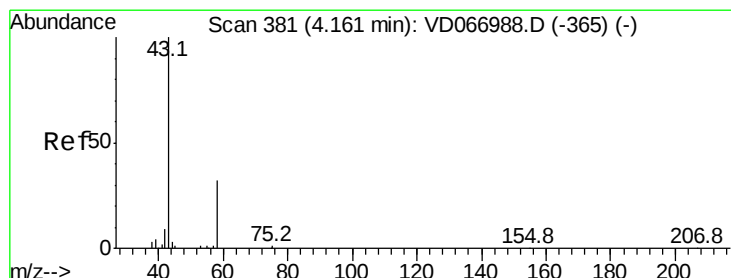
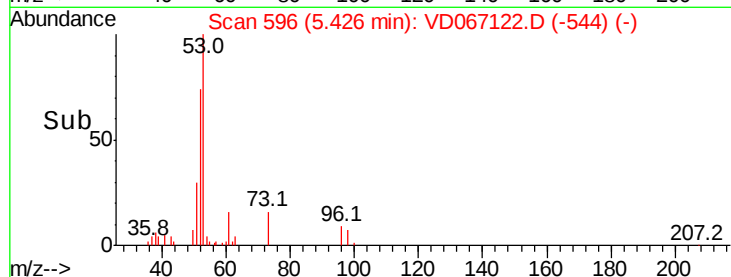
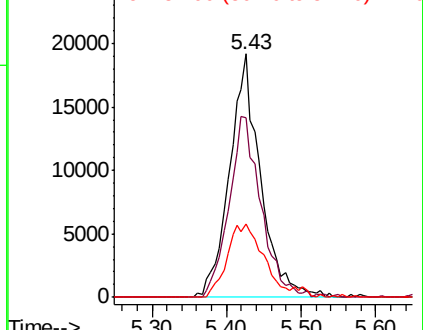
53 100

52 76.6 67.3 100.9

51 35.2 30.2 45.2



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



#16

Acetone

Concen: 89.168 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.00 min

Lab File: VD067122.D

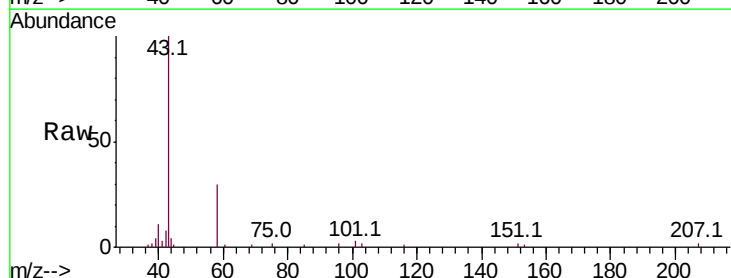
Acq: 06 Oct 2020 23:06

Tgt Ion: 43 Resp: 44590

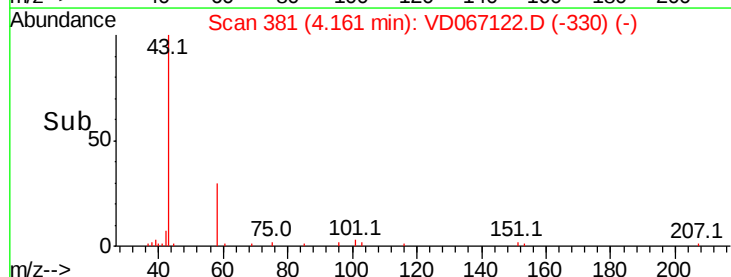
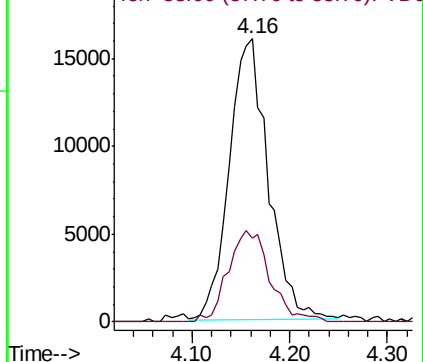
Ion Ratio Lower Upper

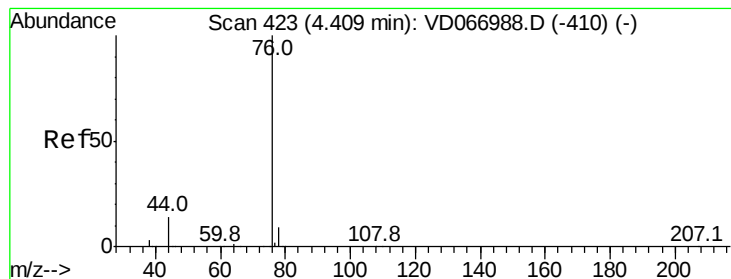
43 100

58 30.0 25.9 38.9



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





#17

Carbon Disulfide

Concen: 19.231 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

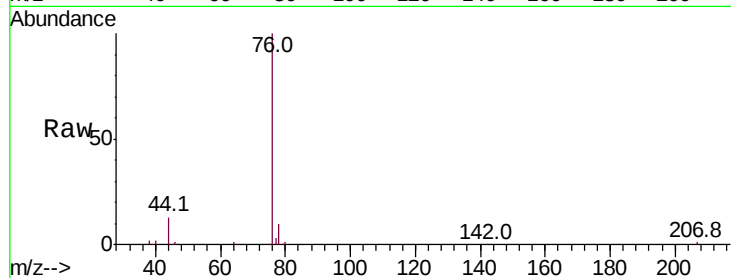
VD1006SBS02

Tot Ion: 76 Resp: 189218

Ion Ratio Lower Upper

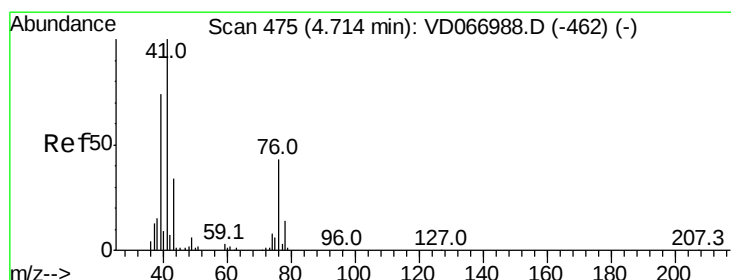
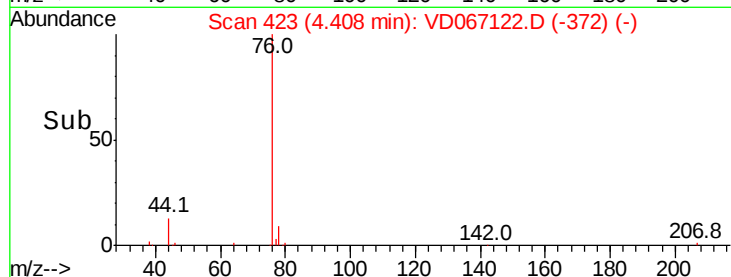
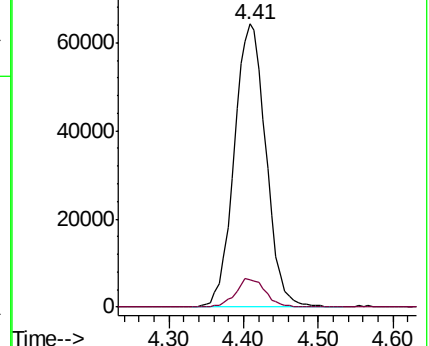
76 100

78 9.8 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: 21.976 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067122.D

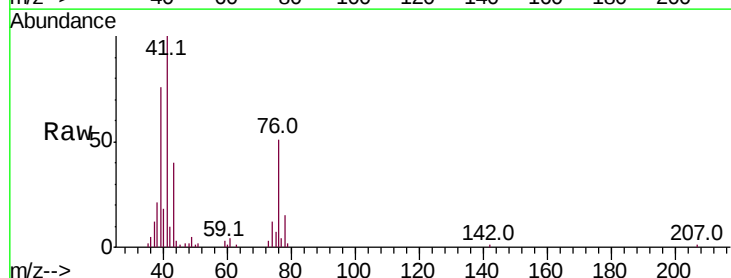
Acq: 06 Oct 2020 23:06

Tgt Ion: 43 Resp: 27620

Ion Ratio Lower Upper

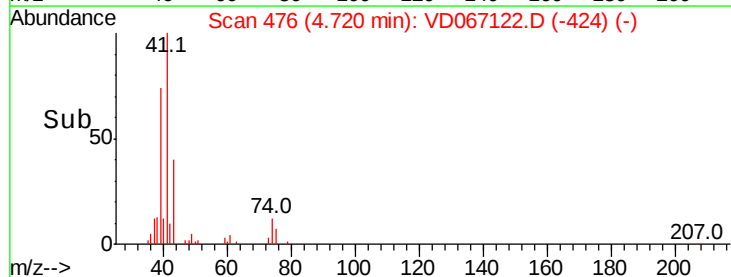
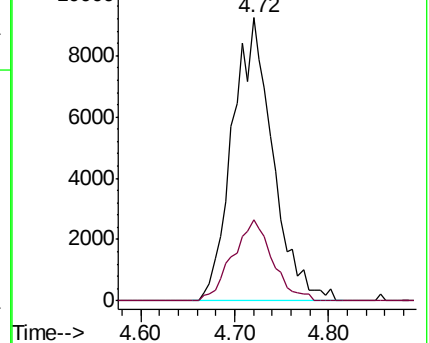
43 100

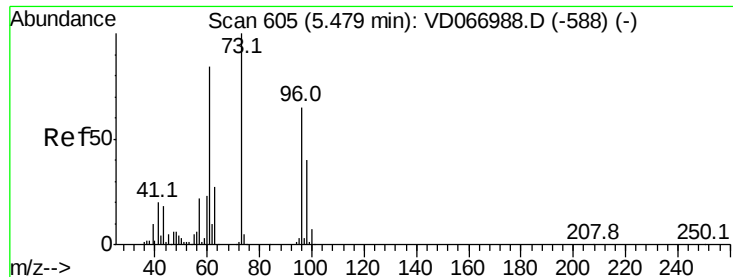
74 28.3 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

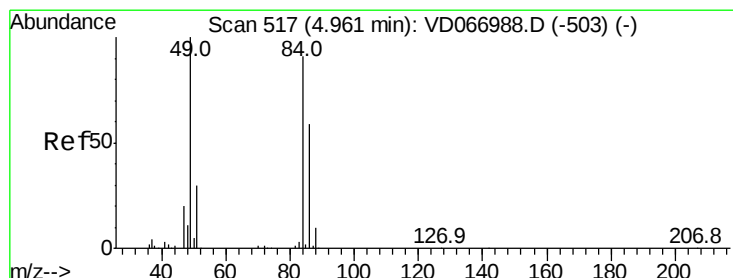
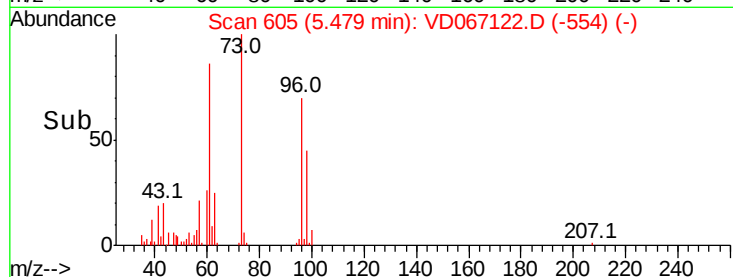
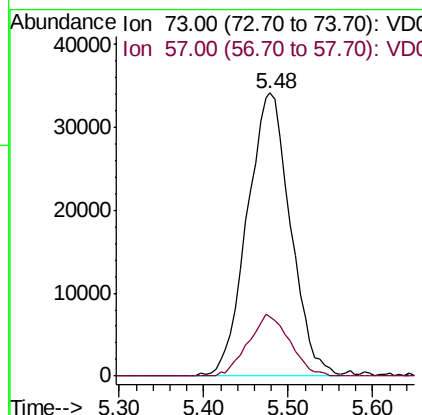
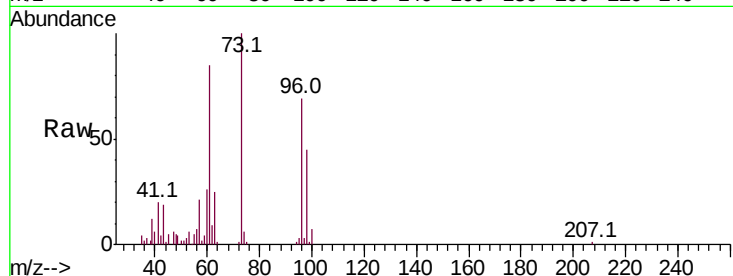




#19
Methvl tert-butvl Ether
Concen: 20.764 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

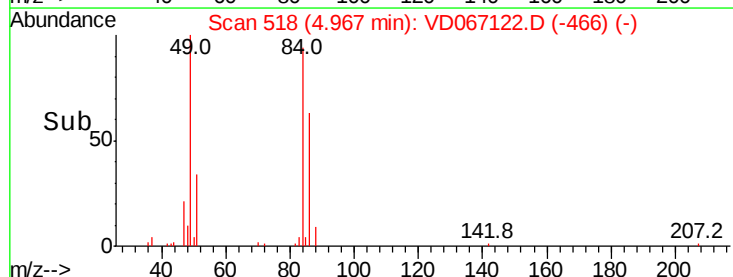
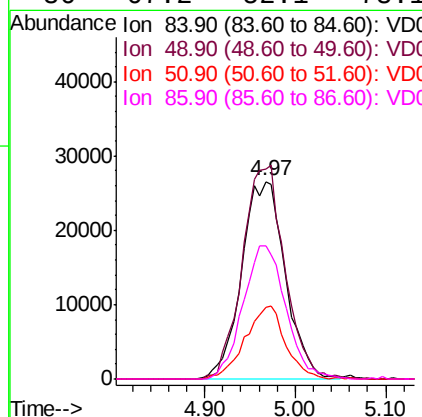
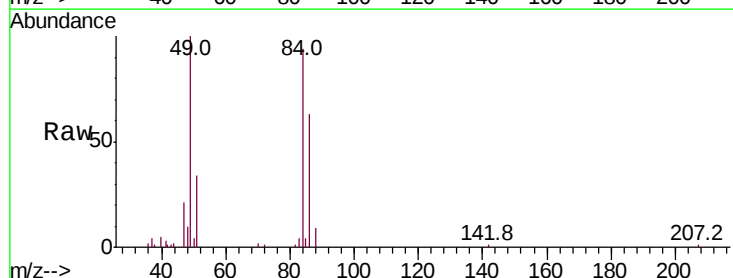
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

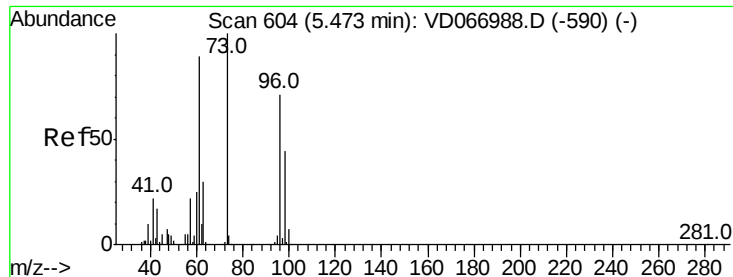
Tot Ion: 73 Resp: 121525
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0



#20
Methylene Chloride
Concen: 20.958 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion: 84 Resp: 89367
Ion Ratio Lower Upper
84 100
49 106.0 88.2 132.2
51 36.5 26.6 39.8
86 67.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.119 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

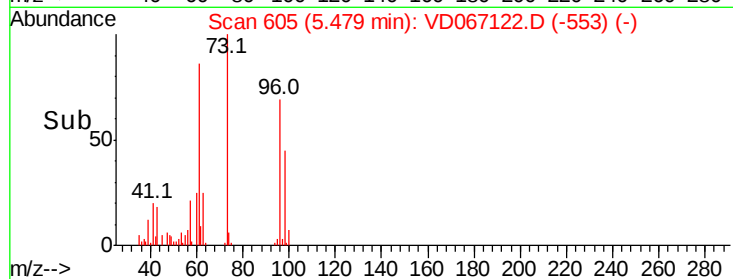
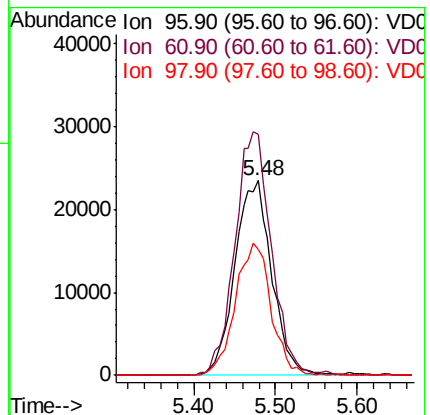
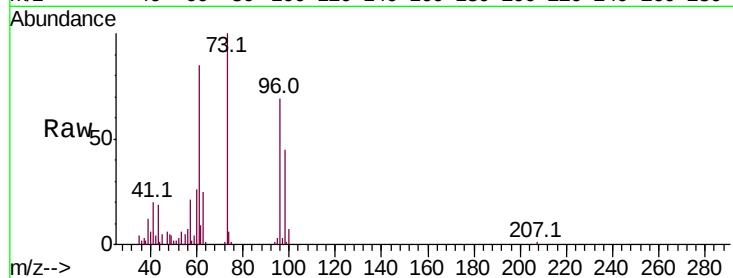
Tot Ion: 96 Resp: 73408

Ion Ratio Lower Upper

96 100

61 123.9 99.6 149.4

98 64.9 49.4 74.2



#22

Diisopropyl ether

Concen: 19.833 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Tgt Ion: 45 Resp: 150807

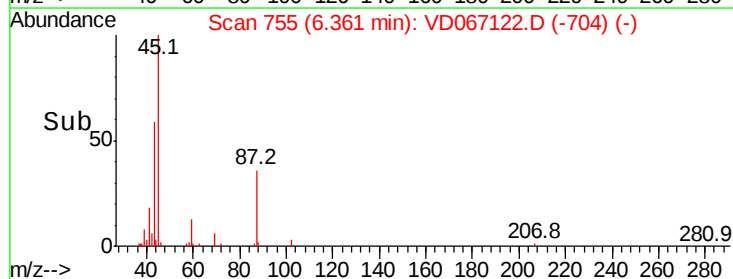
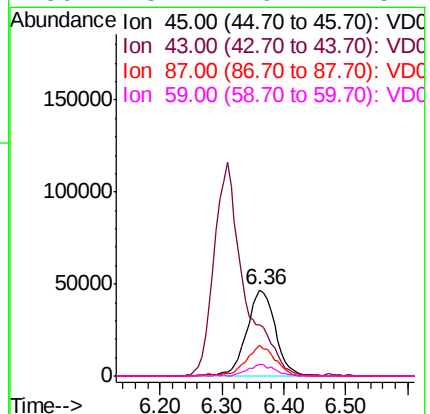
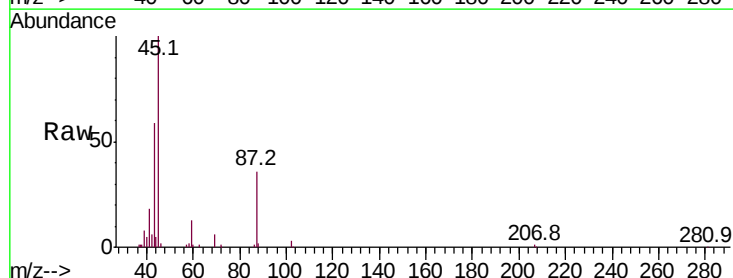
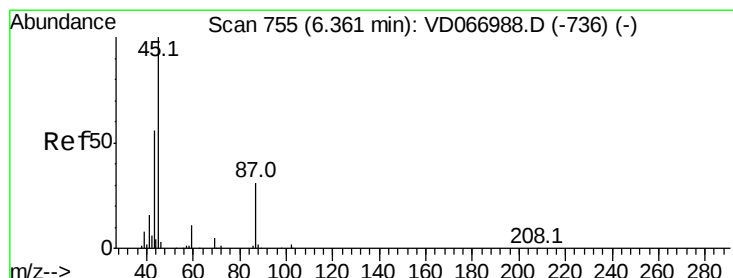
Ion Ratio Lower Upper

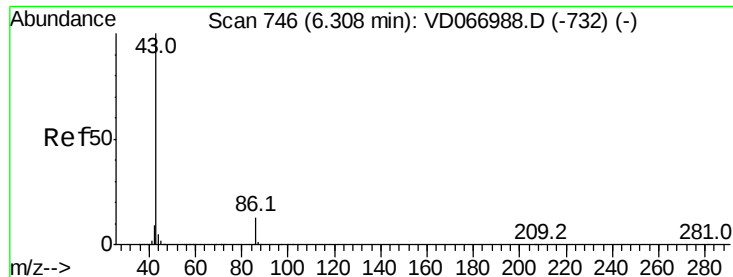
45 100

43 58.4 45.2 67.8

87 35.7 25.6 38.4

59 13.2 9.1 13.7





#23

Vinyl Acetate

Concen: 91.286 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

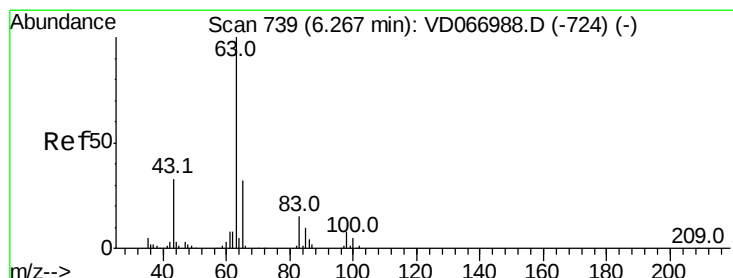
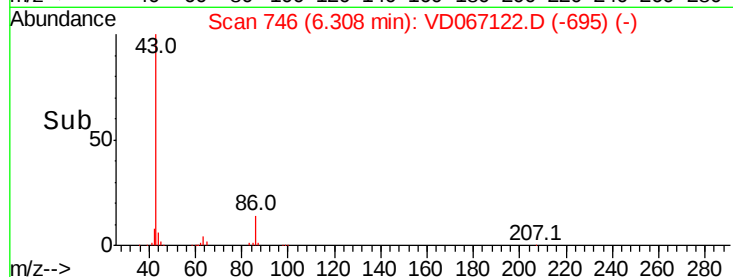
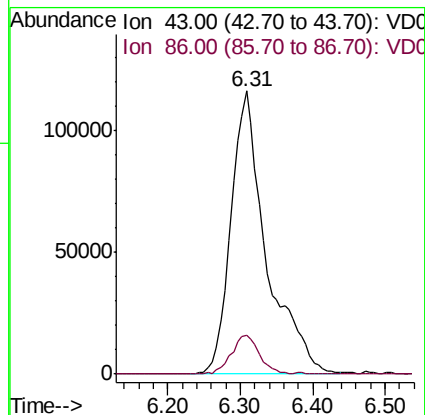
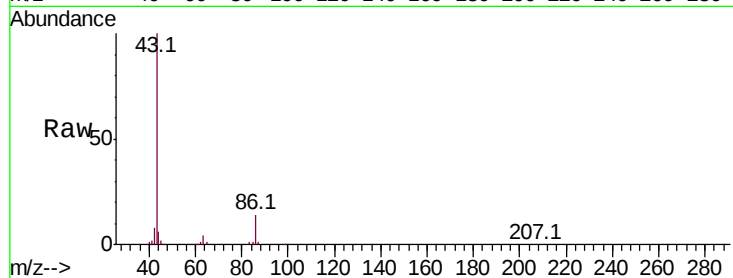
VD1006SBS02

Tot Ion: 43 Resp: 393334

Ion Ratio Lower Upper

43 100

86 13.9 10.2 15.2



#24

1,1-Dichloroethane

Concen: 20.236 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

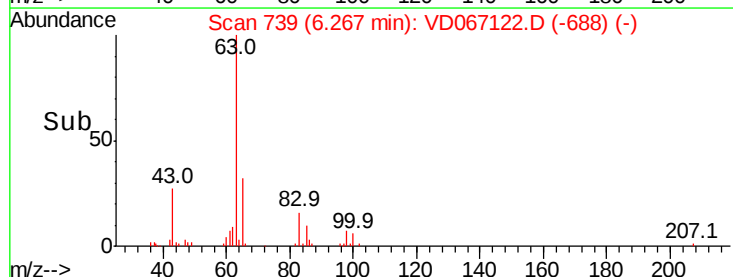
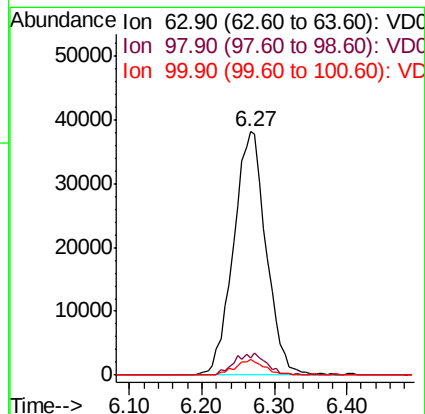
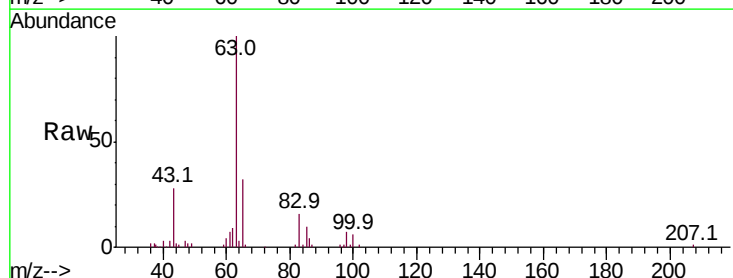
Tgt Ion: 63 Resp: 118747

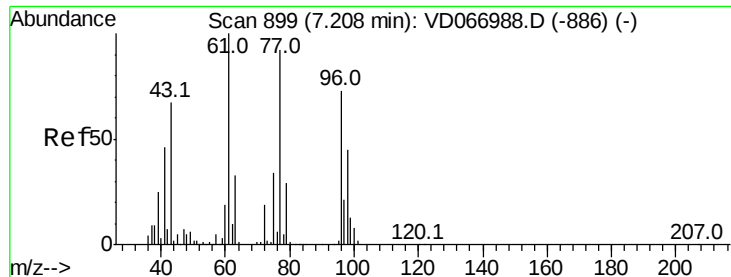
Ion Ratio Lower Upper

63 100

98 6.9 4.2 12.6

100 6.4 2.6 7.8

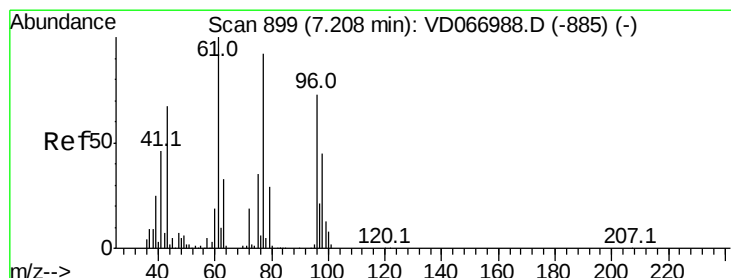
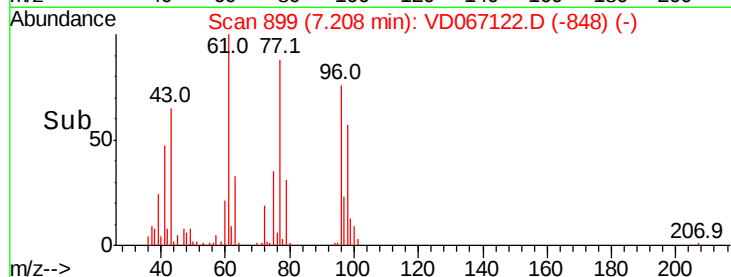
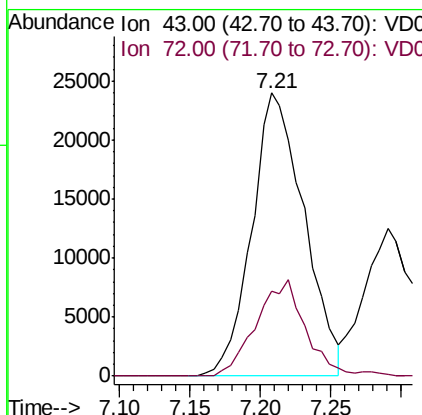
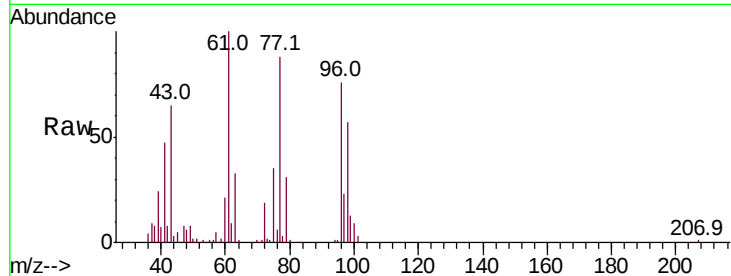




#25
2-Butanone
Concen: 87.820 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

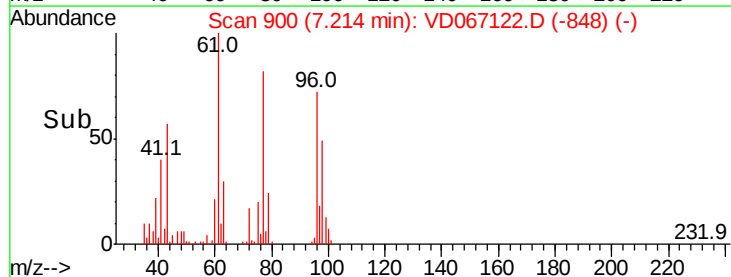
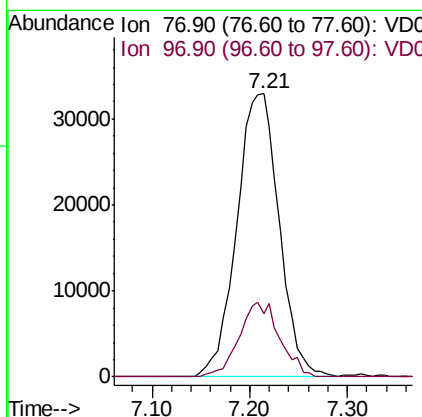
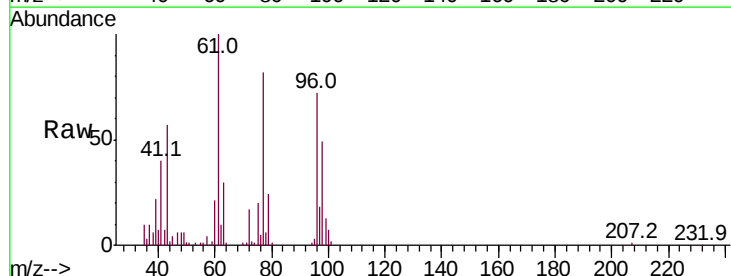
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

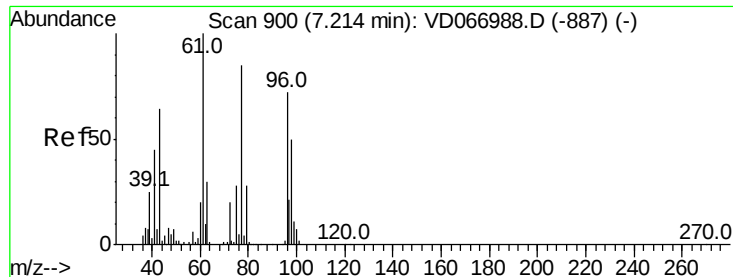
Tot Ion: 43 Resp: 62263
Ion Ratio Lower Upper
43 100
72 30.0 22.8 34.2



#26
2,2-Dichloropropane
Concen: 17.231 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion: 77 Resp: 100030
Ion Ratio Lower Upper
77 100
97 25.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.383 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

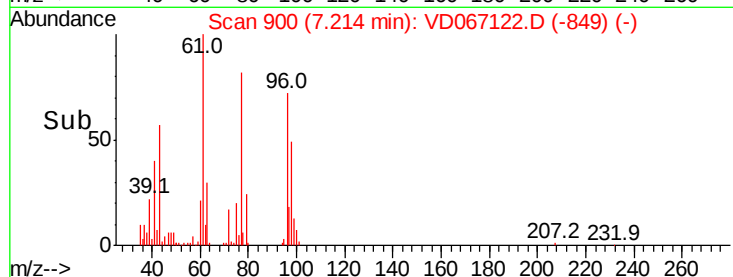
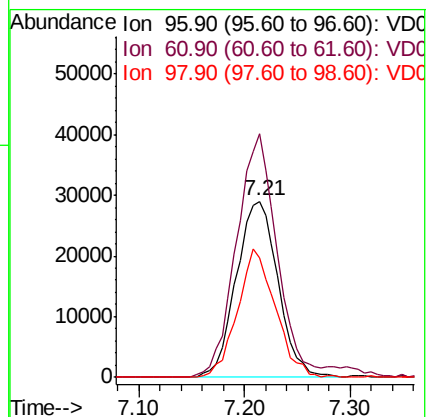
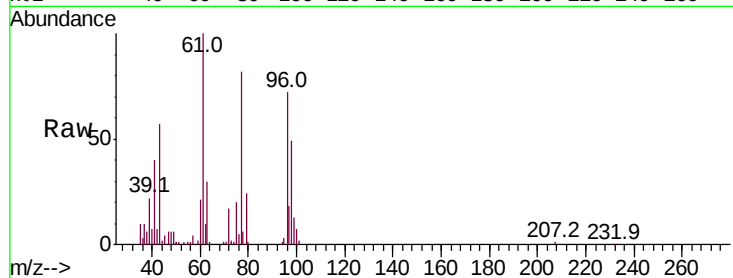
Tot Ion: 96 Resp: 79428

Ion Ratio Lower Upper

96 100

61 134.1 0.0 269.2

98 66.1 0.0 129.4



#28

Bromochloromethane

Concen: 18.053 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

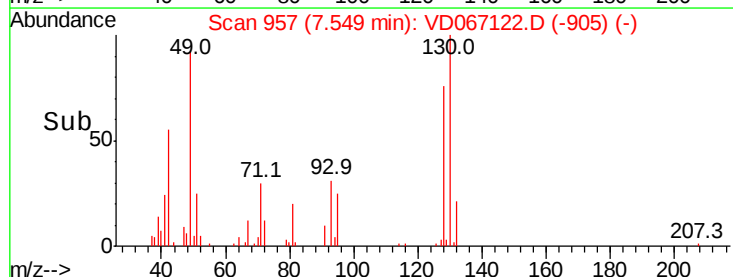
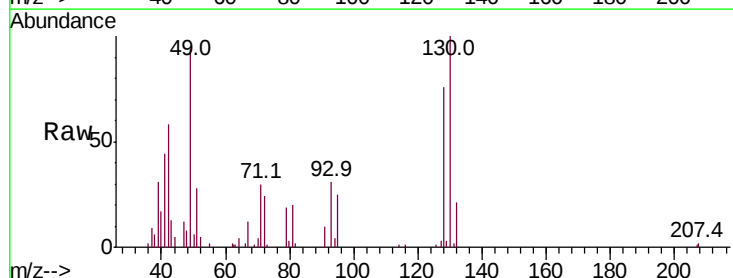
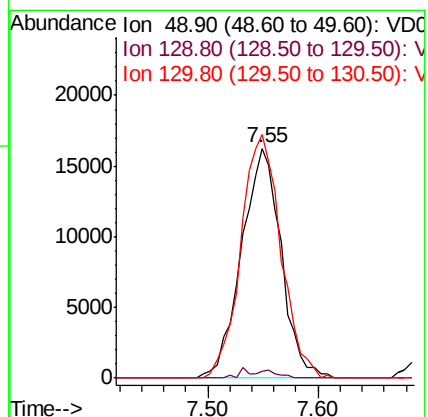
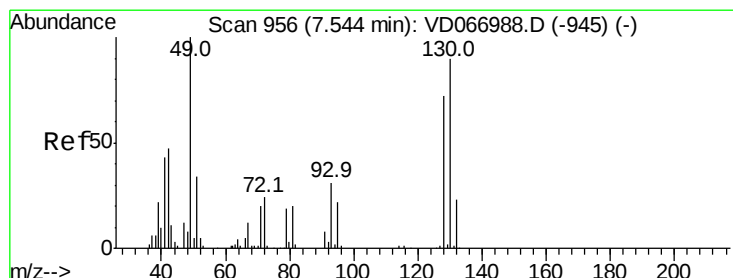
Tgt Ion: 49 Resp: 40913

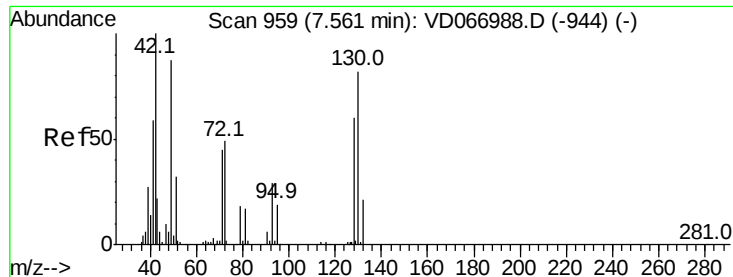
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.6

130 107.3 74.1 111.1





#29

Tetrahydrofuran

Concen: 89.835 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

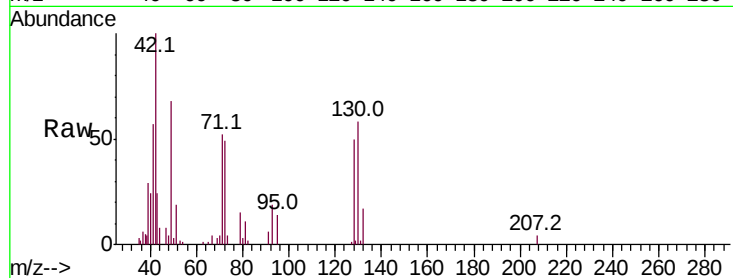
Tot Ion: 42 Resp: 36622

Ion Ratio Lower Upper

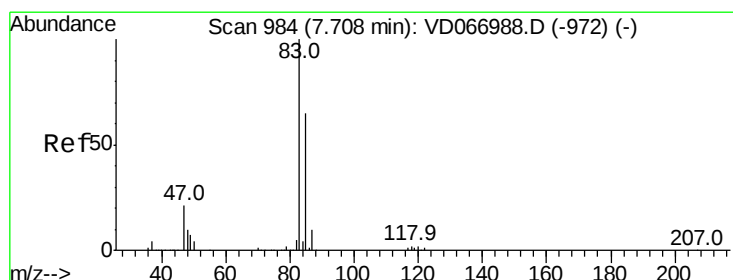
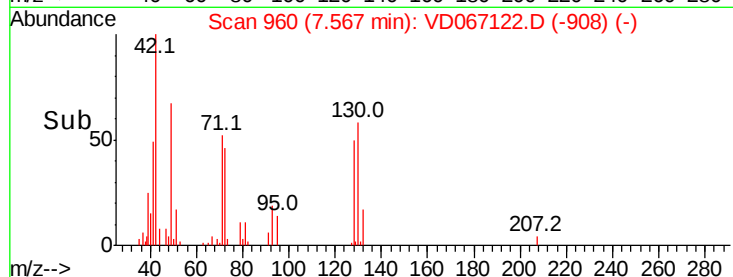
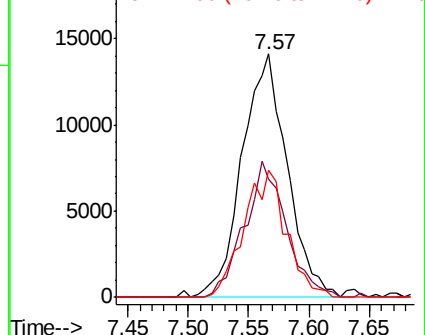
42 100

72 51.9 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: 21.489 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD067122.D

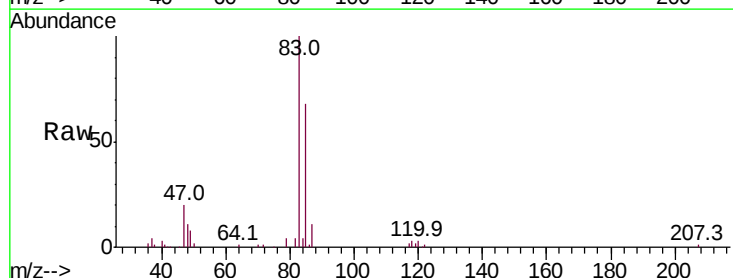
Acq: 06 Oct 2020 23:06

Tgt Ion: 83 Resp: 136793

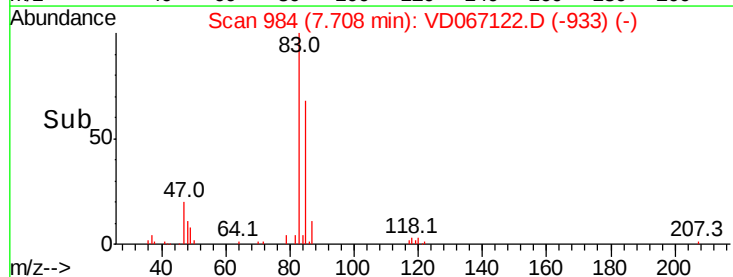
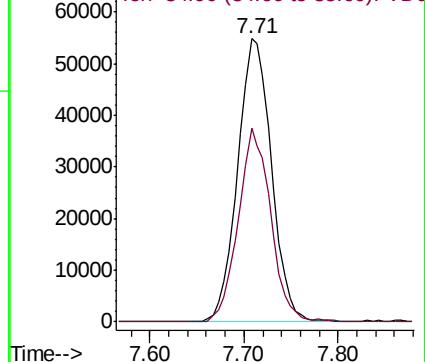
Ion Ratio Lower Upper

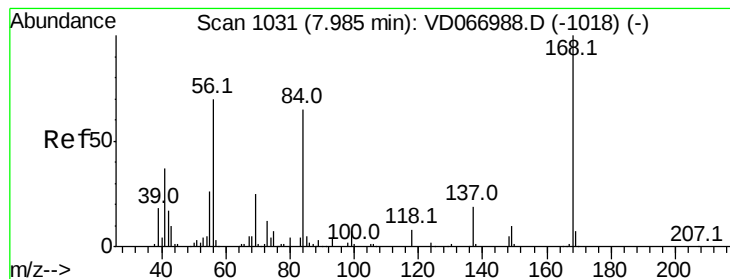
83 100

85 68.4 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: 17.112 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

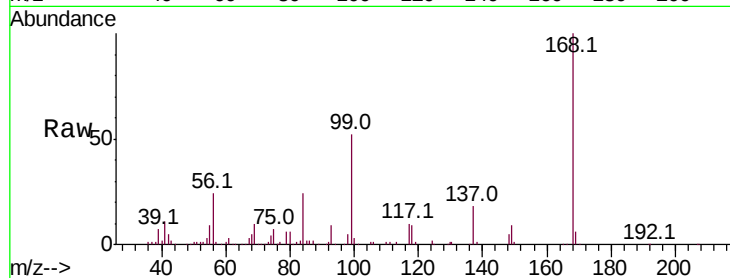
Tot Ion: 56 Resp: 84187

Ion Ratio Lower Upper

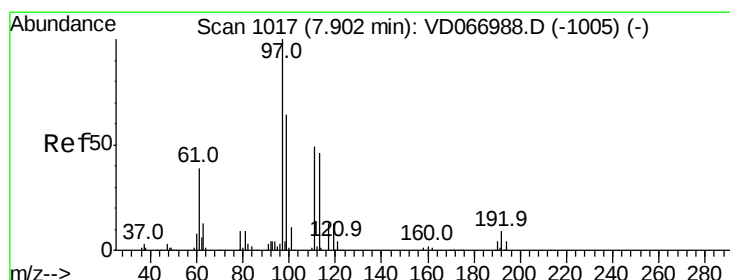
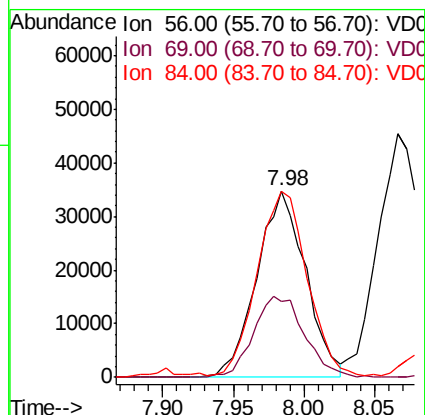
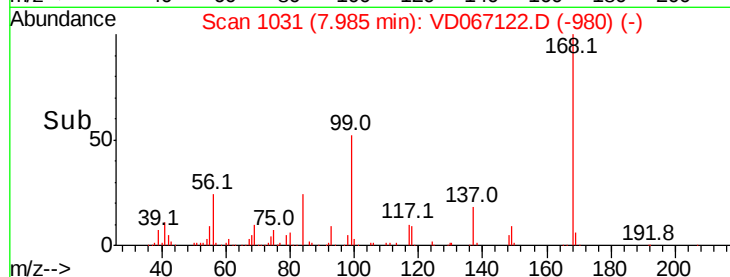
56 100

69 40.9 29.0 43.6

84 98.2 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: 20.962 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

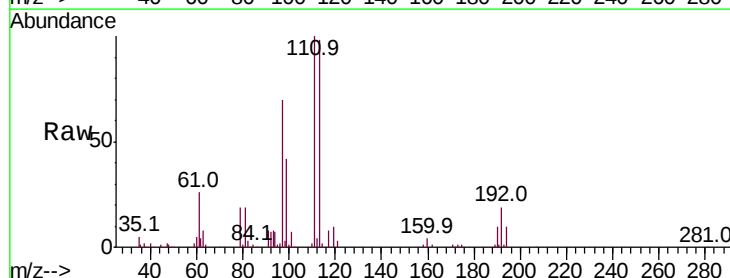
Tgt Ion: 97 Resp: 123669

Ion Ratio Lower Upper

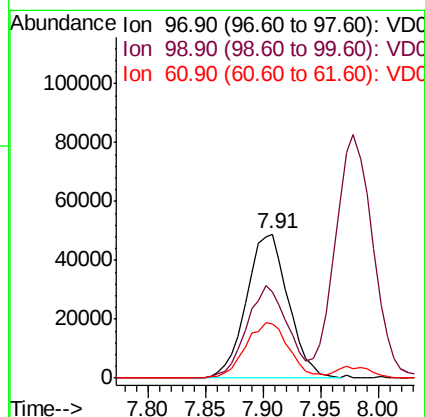
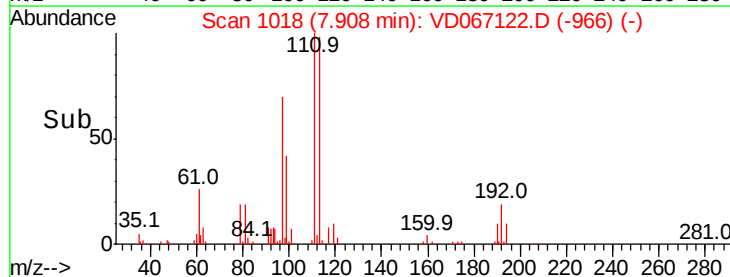
97 100

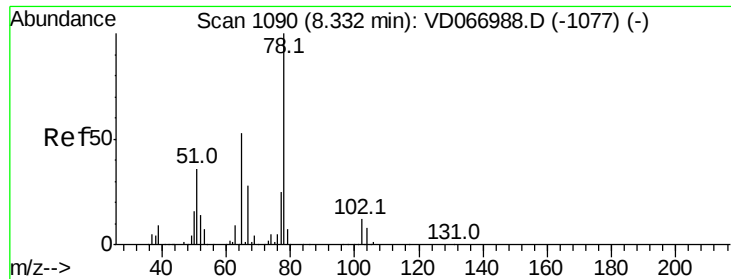
99 62.9 52.6 78.8

61 40.1 32.8 49.2



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





#33

1,2-Dichloroethane-d4

Concen: 53.569 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

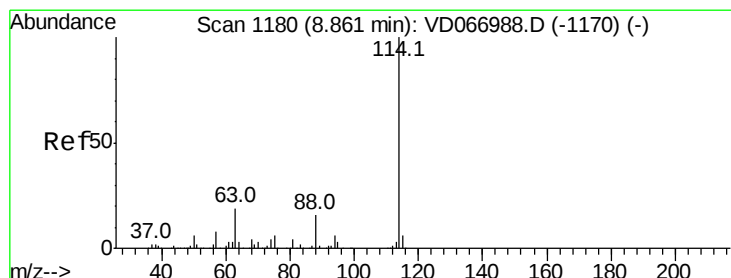
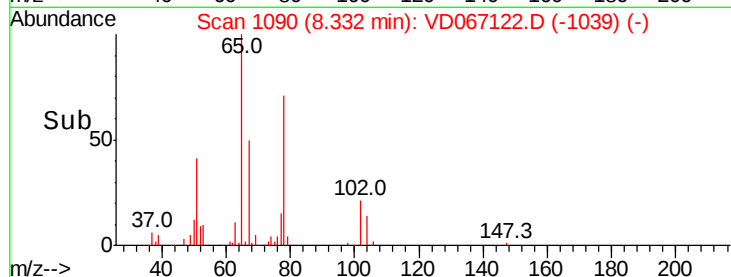
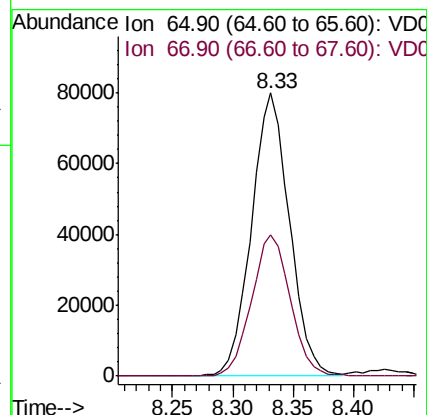
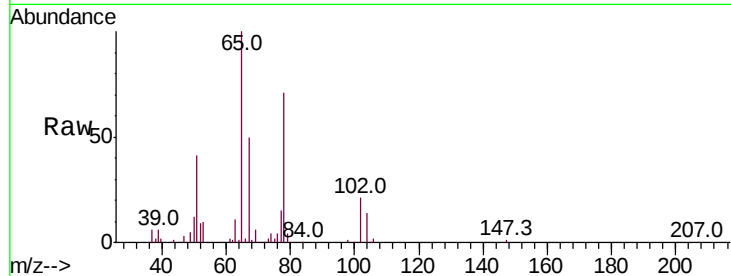
VD1006SBS02

Tot Ion: 65 Resp: 175485

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

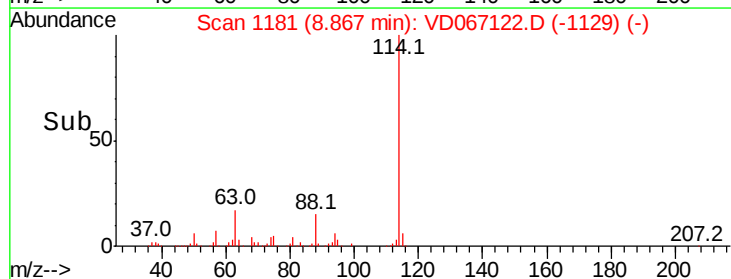
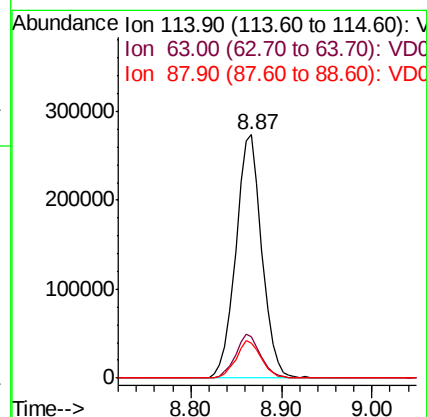
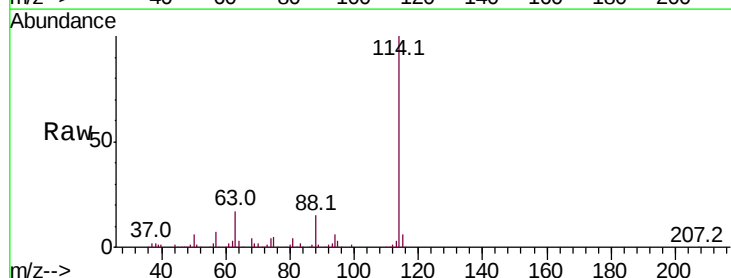
Tgt Ion: 114 Resp: 546546

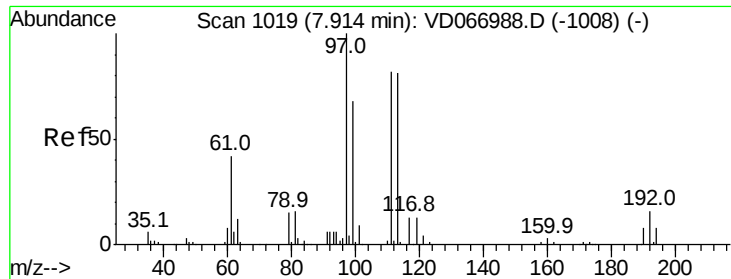
Ion Ratio Lower Upper

114 100

63 17.2 0.0 38.4

88 14.6 0.0 31.2

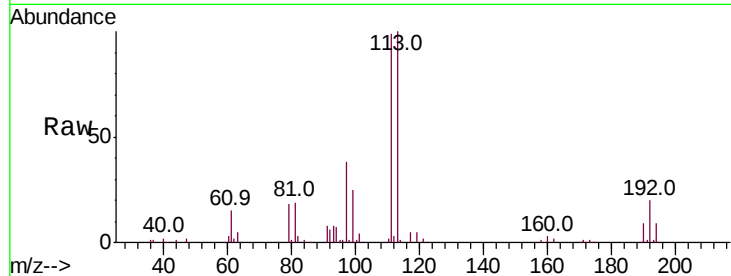




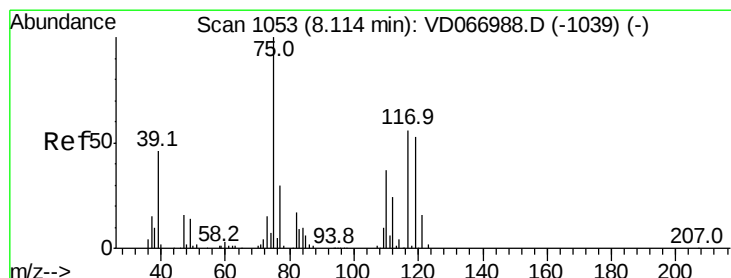
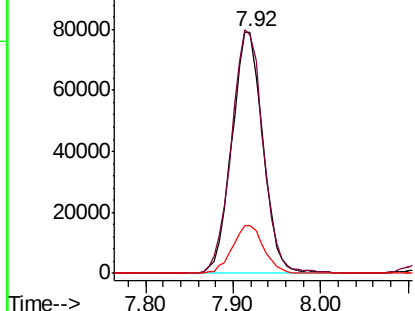
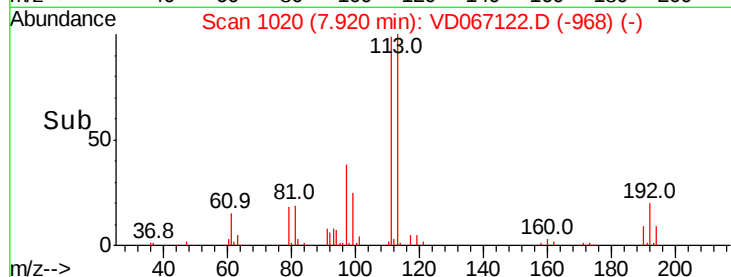
#35
 Dibromofluoromethane
 Concen: 53.122 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion:113 Resp: 190076
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.0 124.4
 192 20.0 15.5 23.3

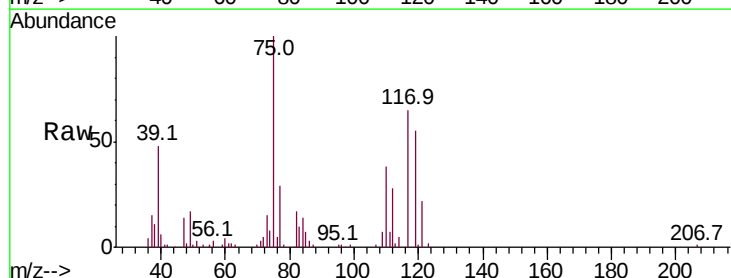


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

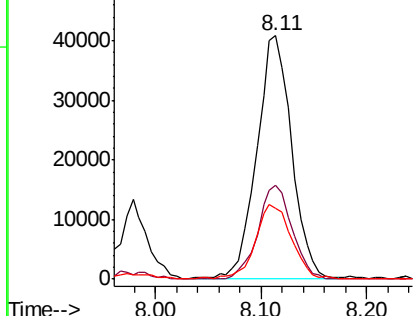
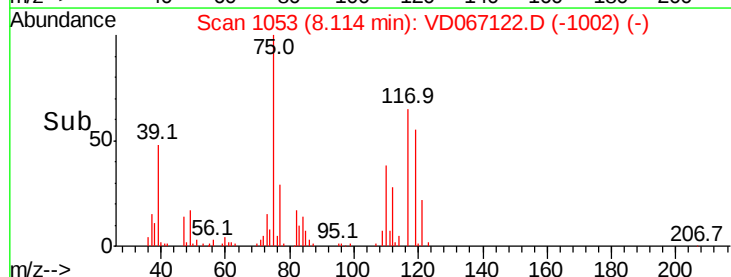


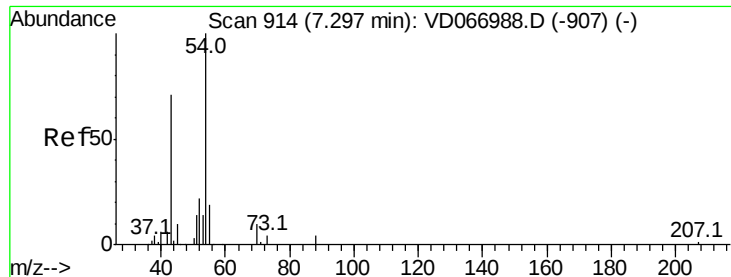
#36
 1,1-Dichloropropene
 Concen: 18.283 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion: 75 Resp: 93141
 Ion Ratio Lower Upper
 75 100
 110 38.2 18.4 55.0
 77 32.0 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

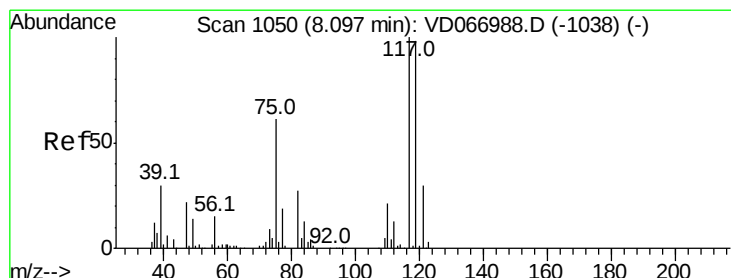
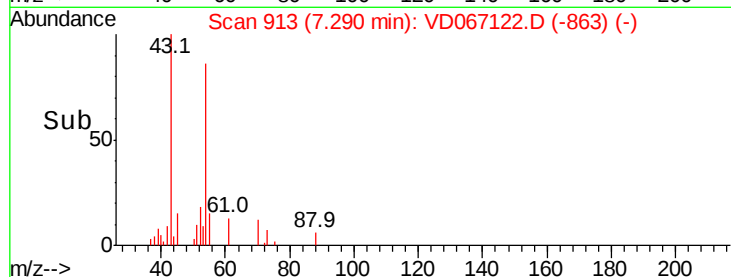
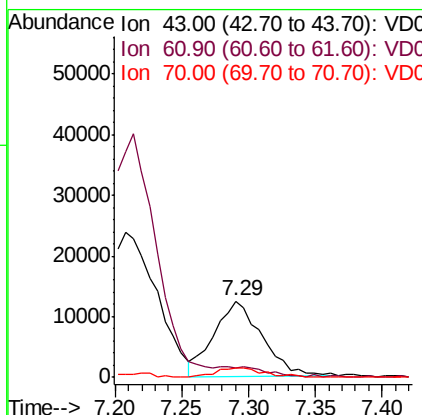
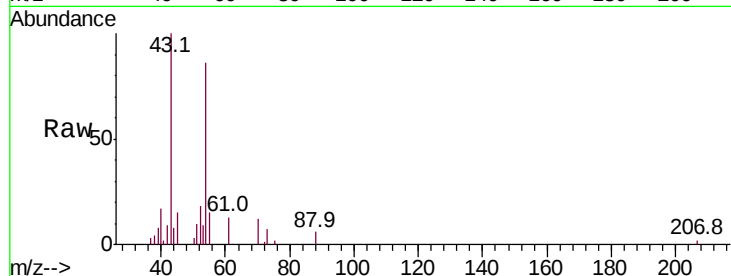




#37
Ethyl Acetate
Concen: 17.678 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

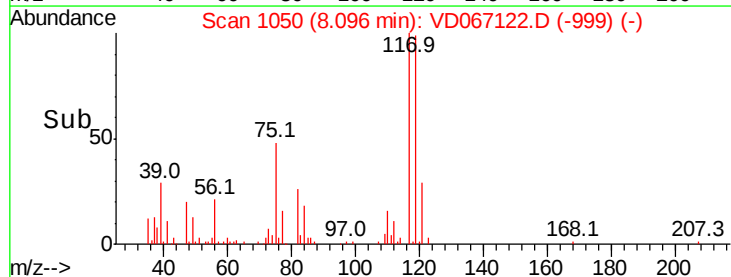
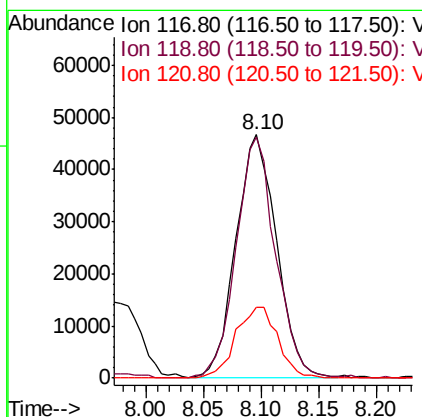
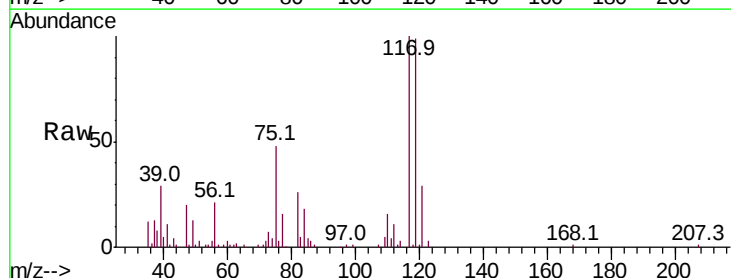
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

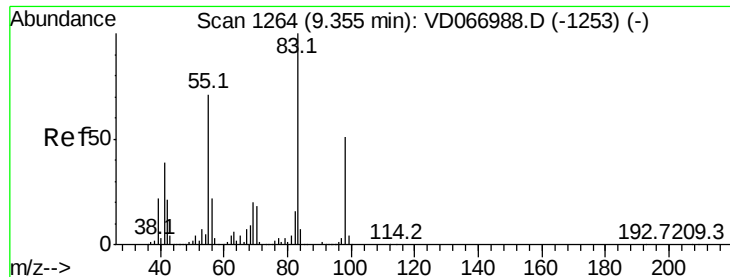
Tot Ion: 43 Resp: 31199
Ion Ratio Lower Upper
43 100
61 0.0 12.5 18.7#
70 12.9 9.4 14.0



#38
Carbon Tetrachloride
Concen: 20.818 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion: 117 Resp: 114752
Ion Ratio Lower Upper
117 100
119 99.1 78.7 118.1
121 29.3 24.2 36.2

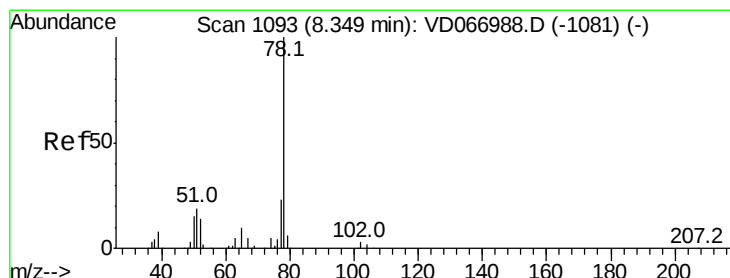
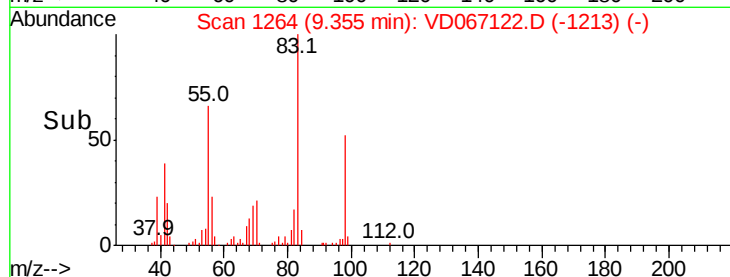
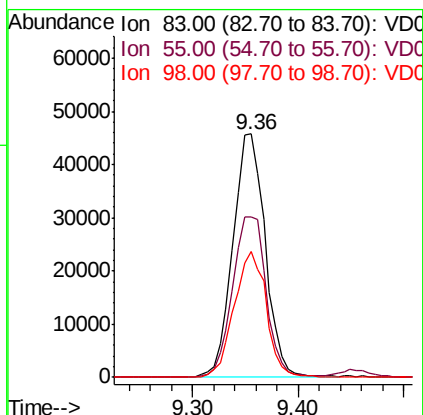
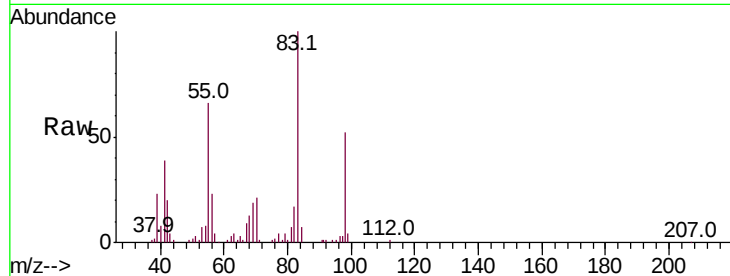




#39
Methvlcvclohexane
Concen: 18.003 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

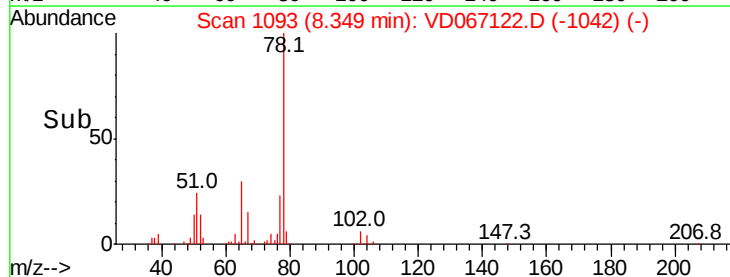
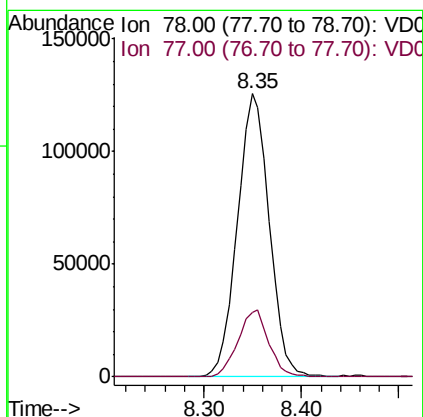
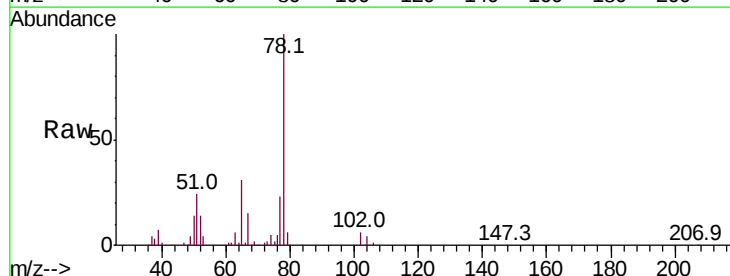
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

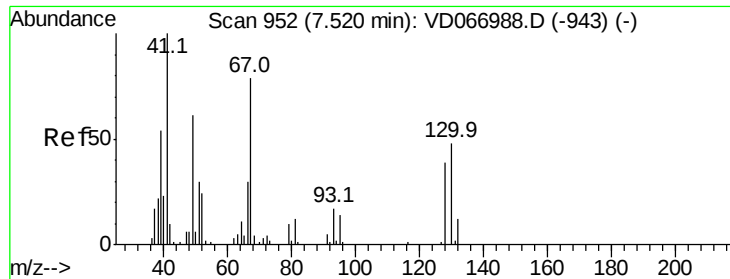
Tot Ion	83	Resp	96966
Ion Ratio	Lower	Upper	
83	100		
55	65.8	57.1	85.7
98	51.6	40.9	61.3



#40
Benzene
Concen: 20.127 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion	78	Resp	284798
Ion Ratio	Lower	Upper	
78	100		
77	22.9	18.4	27.6

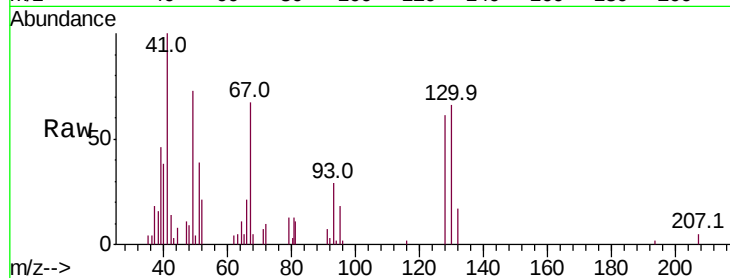




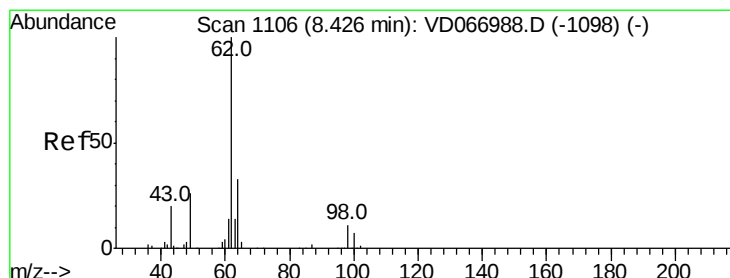
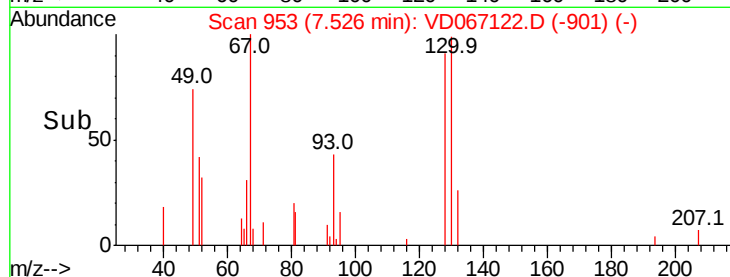
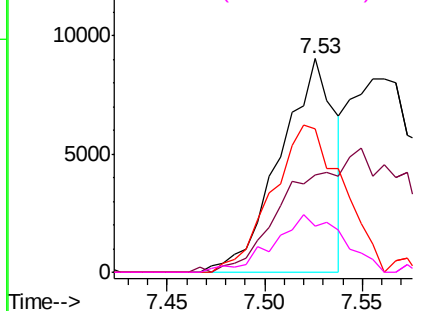
#41
Methacrylonitrile
Concen: 18.557 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion: 41 Resp: 17693
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 90.7 0.0 0.0#
52 33.9 0.0 0.0#

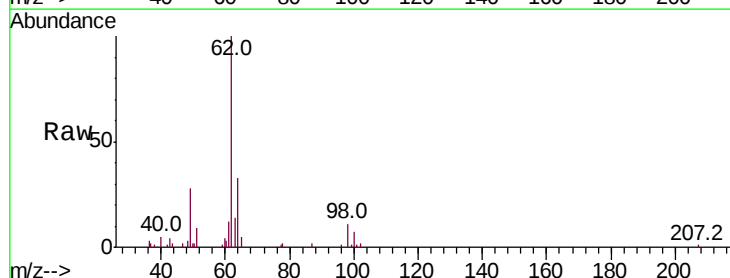


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

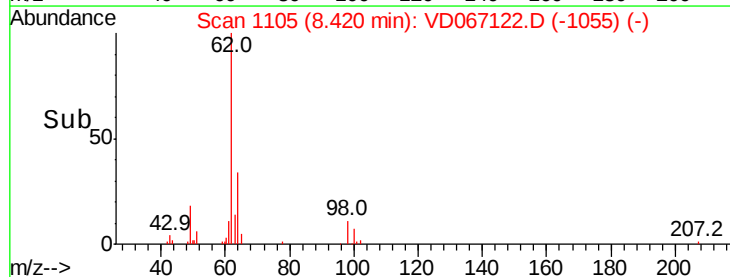
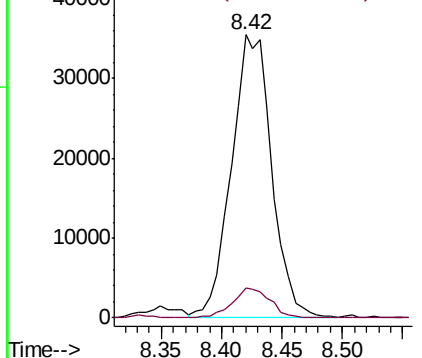


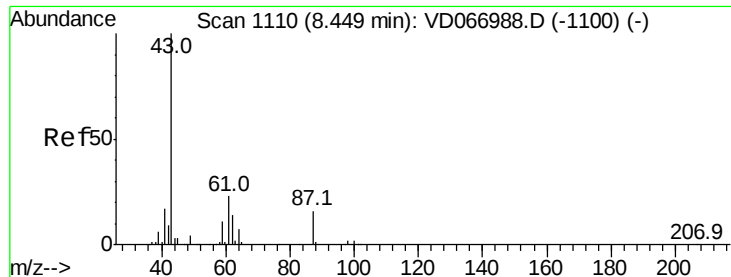
#42
1,2-Dichloroethane
Concen: 20.814 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion: 62 Resp: 82297
Ion Ratio Lower Upper
62 100
98 10.0 0.0 22.6



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





#43

Isopropyl Acetate

Concen: 18.175 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

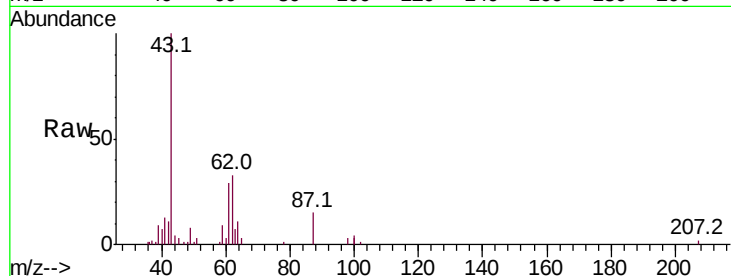
Tot Ion: 43 Resp: 59092

Ion Ratio Lower Upper

43 100

61 37.3 27.1 40.7

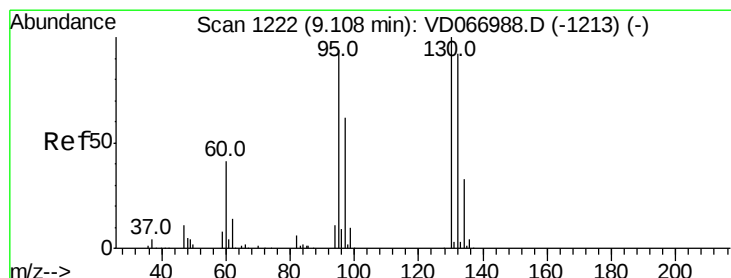
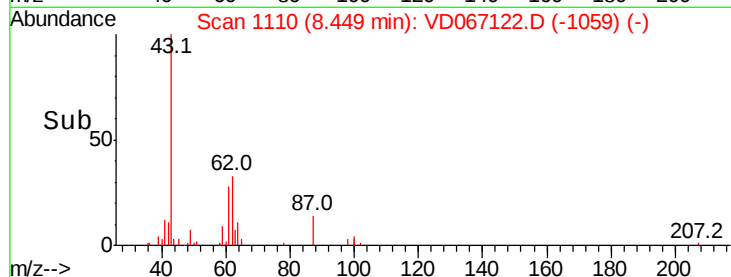
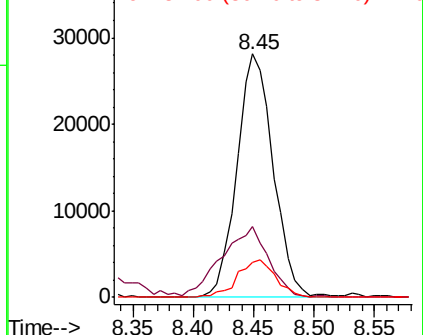
87 16.1 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.361 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067122.D

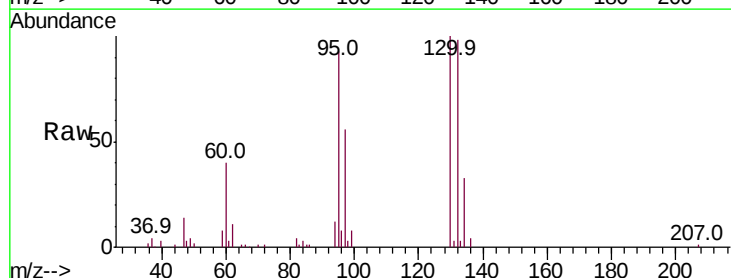
Acq: 06 Oct 2020 23:06

Tgt Ion: 130 Resp: 86030

Ion Ratio Lower Upper

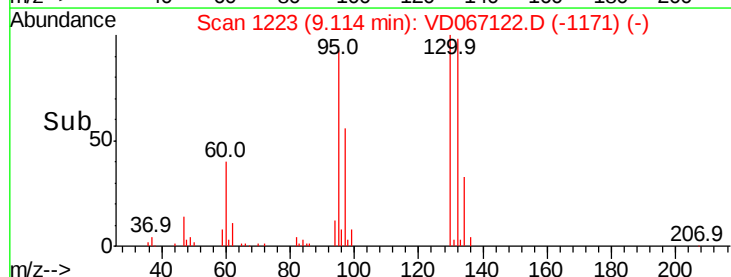
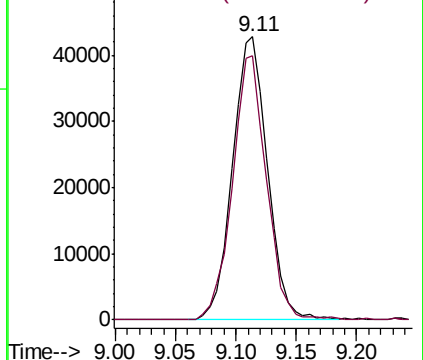
130 100

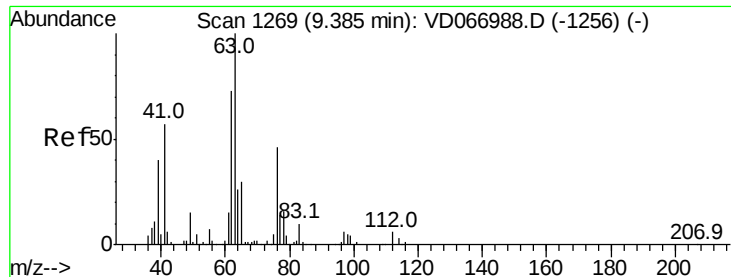
95 93.3 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.167 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

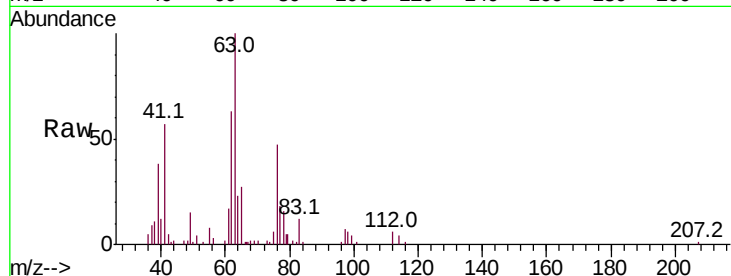
VD1006SBS02

Tot Ion: 63 Resp: 67051

Ion Ratio Lower Upper

63 100

65 27.4 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

40000

30000

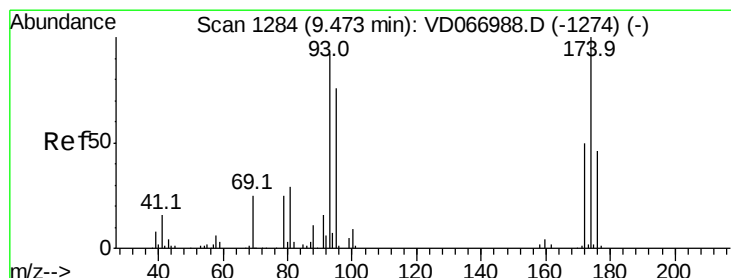
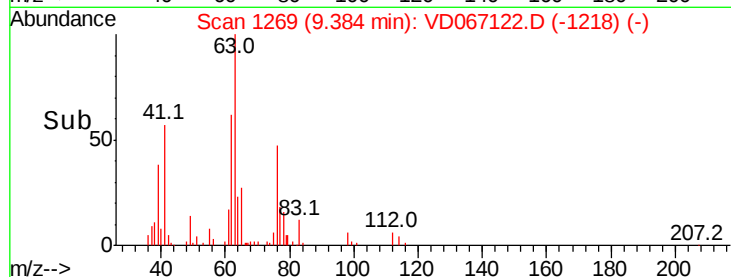
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 20.463 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

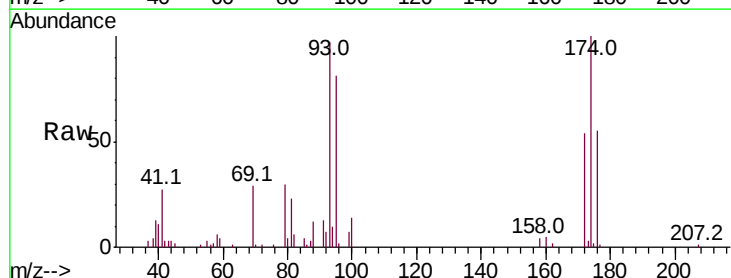
Tgt Ion: 93 Resp: 39102

Ion Ratio Lower Upper

93 100

95 85.2 64.7 97.1

174 104.4 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

25000

20000

15000

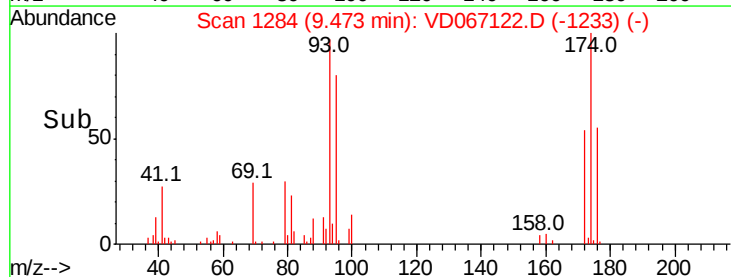
10000

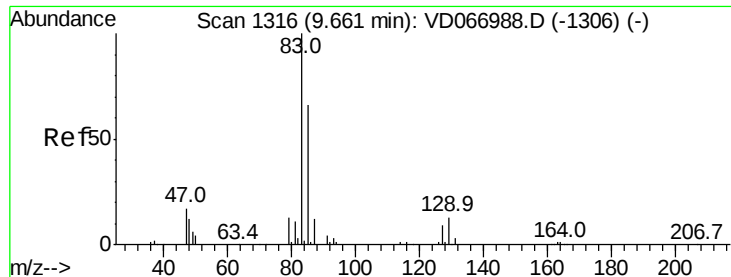
5000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 21.315 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

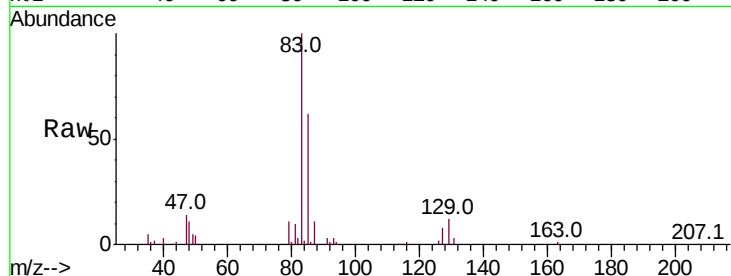
Tot Ion: 83 Resp: 105879

Ion Ratio Lower Upper

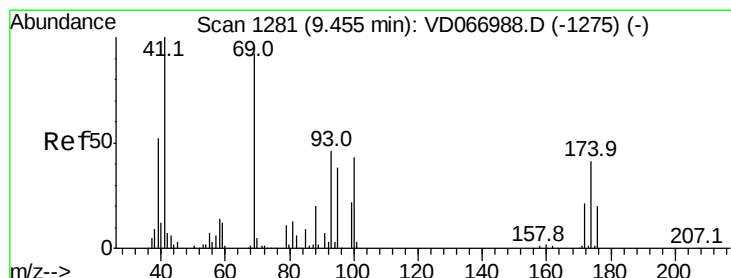
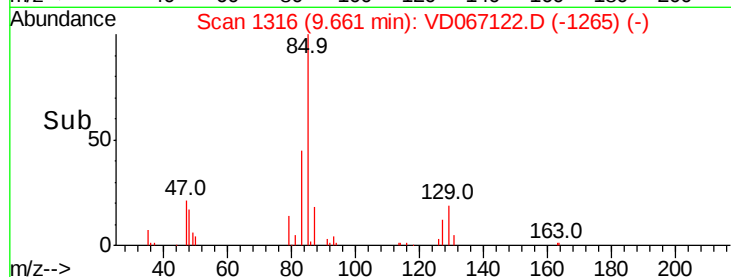
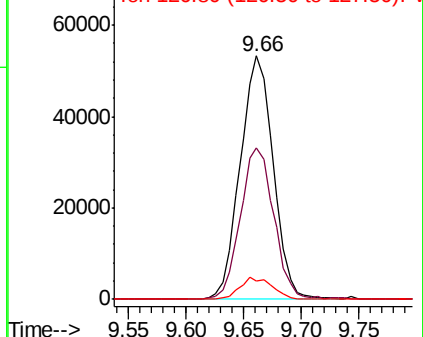
83 100

85 62.0 52.9 79.3

127 7.7 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: 16.116 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

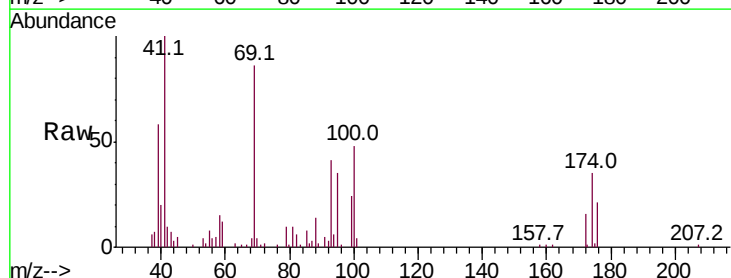
Tgt Ion: 41 Resp: 26844

Ion Ratio Lower Upper

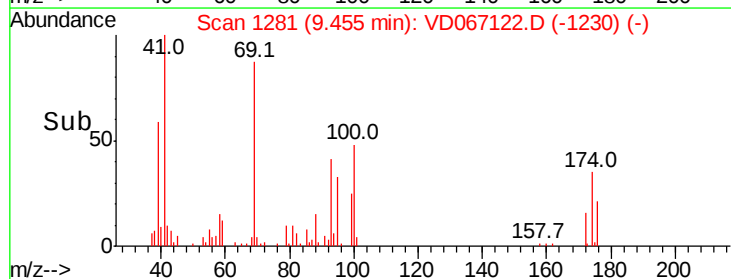
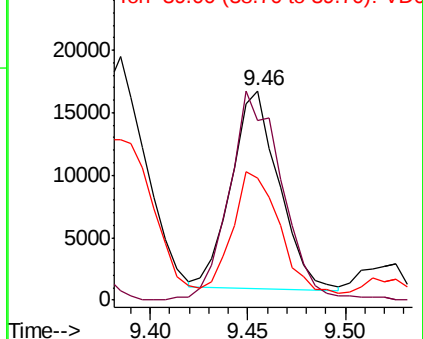
41 100

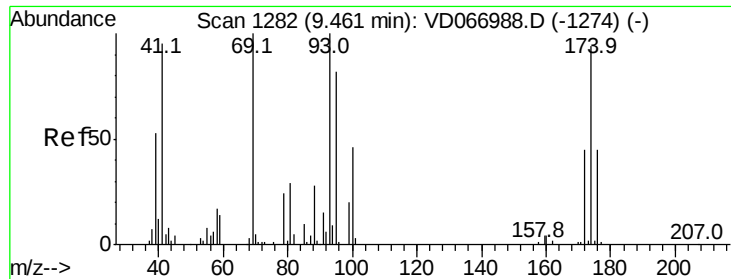
69 116.6 68.5 102.7#

39 68.1 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

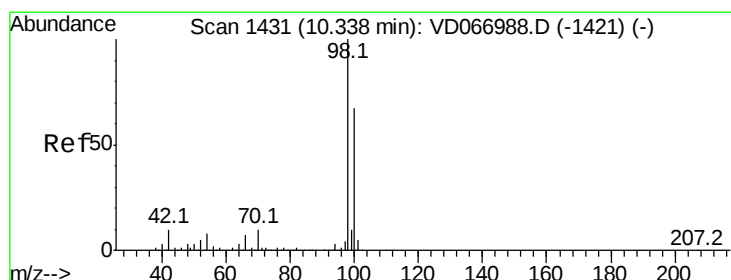
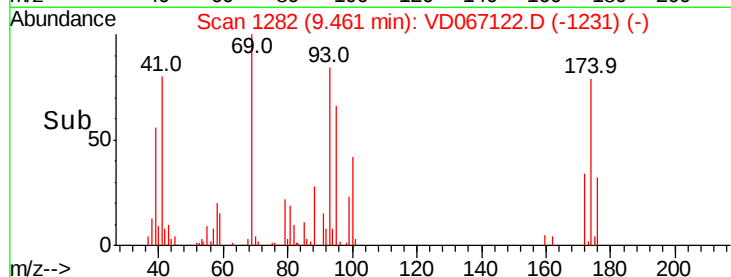
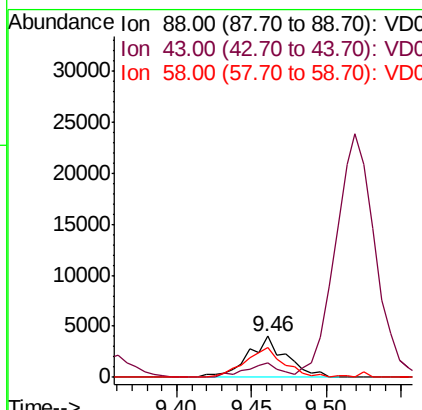
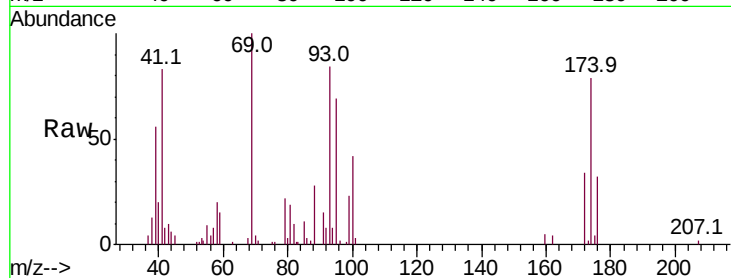




#49
 1,4-Dioxane
 Concen: 355.354 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

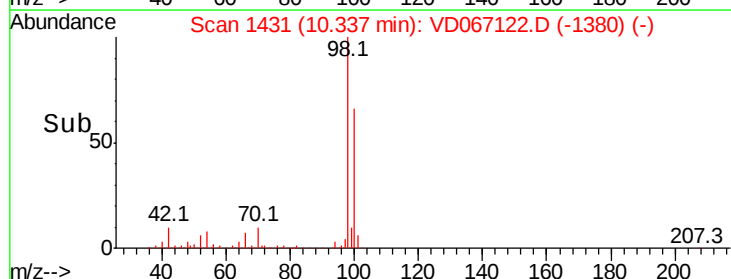
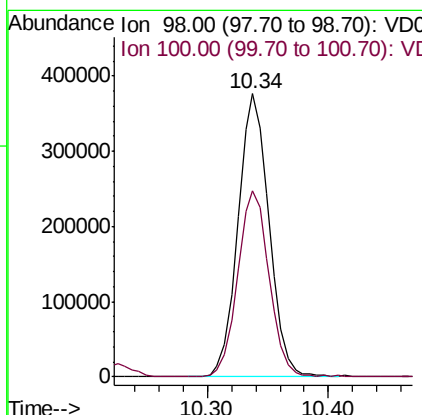
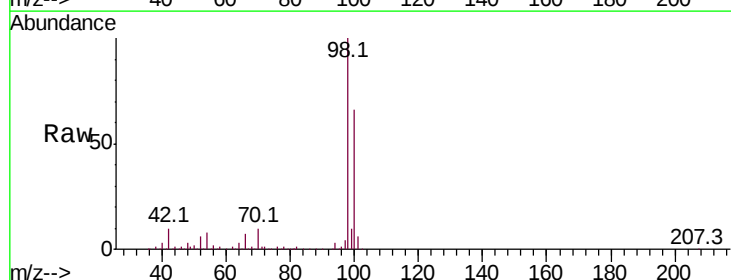
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

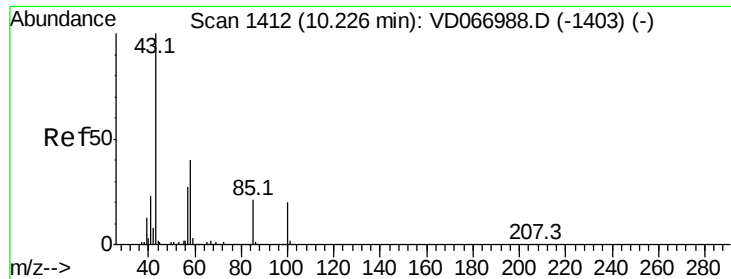
Tot Ion: 88 Resp: 7087
 Ion Ratio Lower Upper
 88 100
 43 33.1 25.6 38.4
 58 74.5 53.5 80.3



#50
 Toluene-d8
 Concen: 51.744 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion: 98 Resp: 674656
 Ion Ratio Lower Upper
 98 100
 100 66.8 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 90.855 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

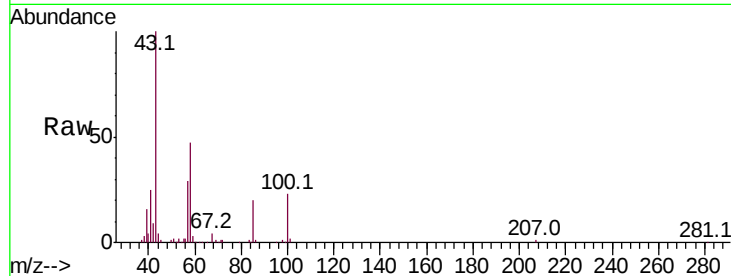
VD1006SBS02

Tot Ion: 43 Resp: 147133

Ion Ratio Lower Upper

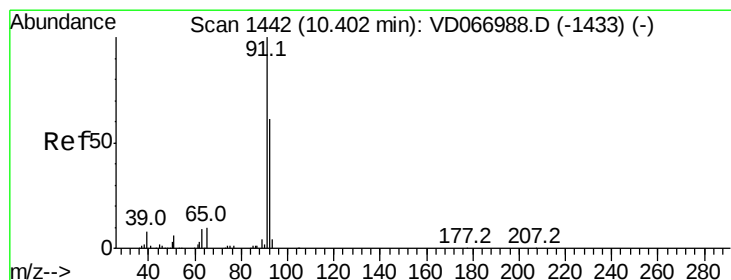
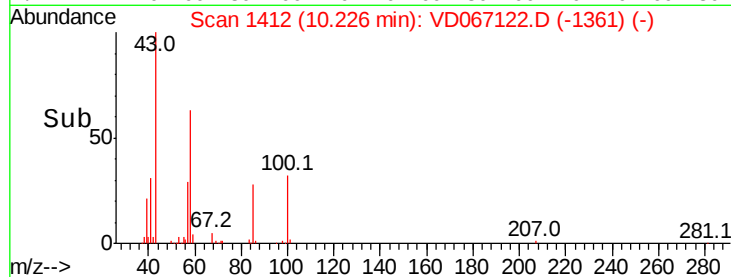
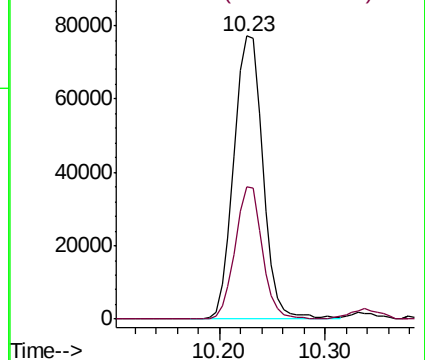
43 100

58 43.4 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.520 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD067122.D

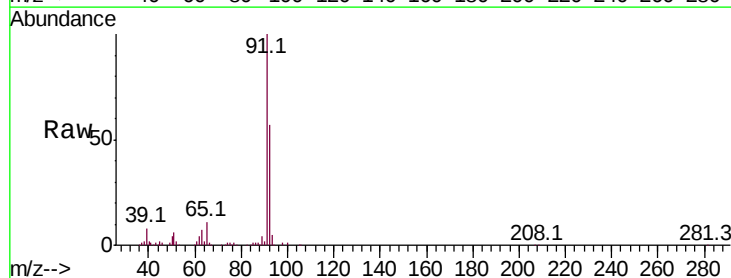
Acq: 06 Oct 2020 23:06

Tgt Ion: 92 Resp: 187043

Ion Ratio Lower Upper

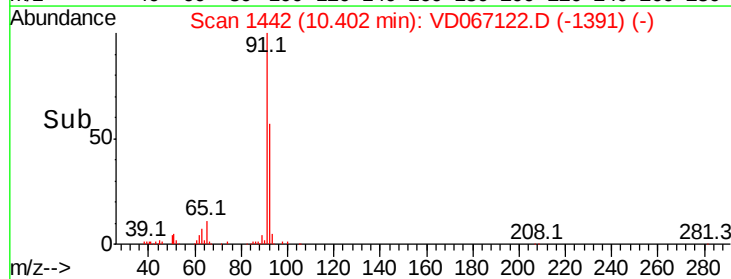
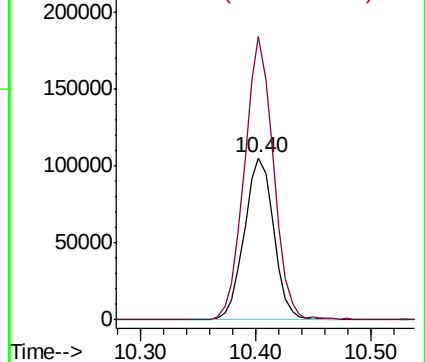
92 100

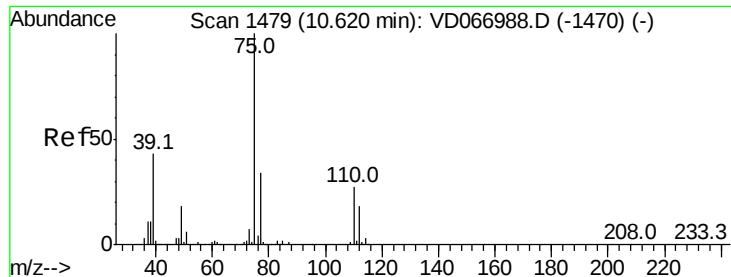
91 172.1 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 20.245 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

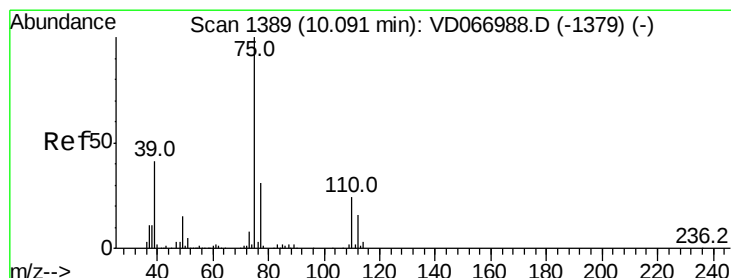
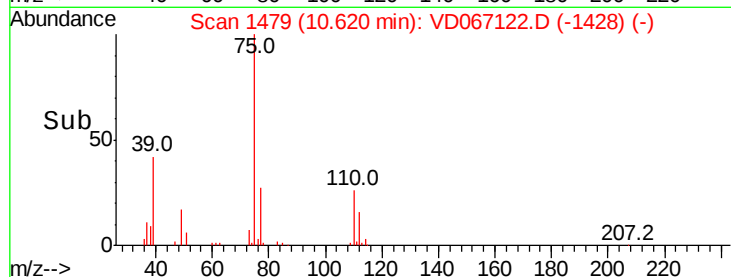
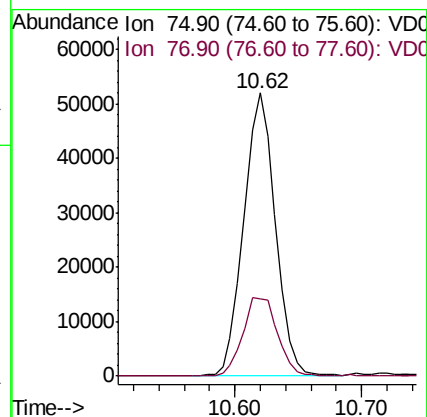
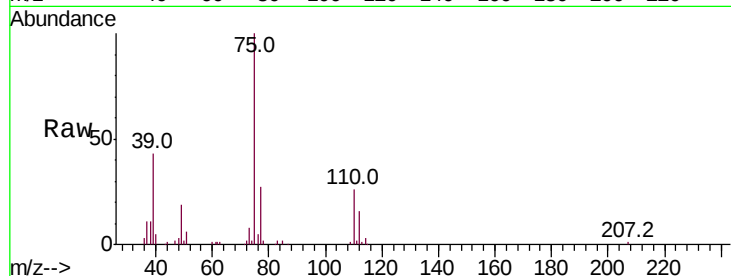
VD1006SBS02

Tot Ion: 75 Resp: 89876

Ion Ratio Lower Upper

75 100

77 27.3 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 20.017 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

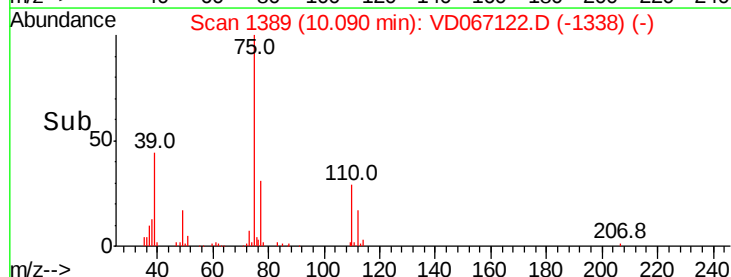
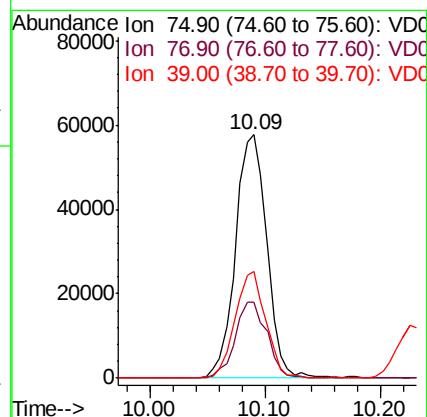
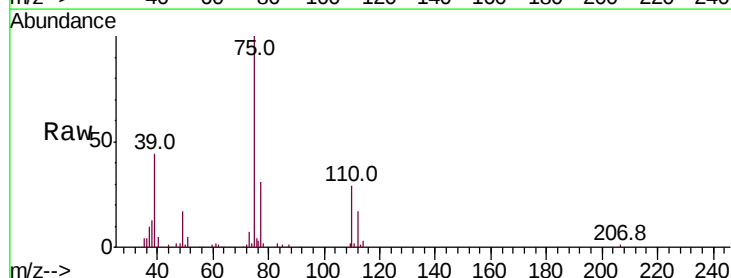
Tgt Ion: 75 Resp: 108510

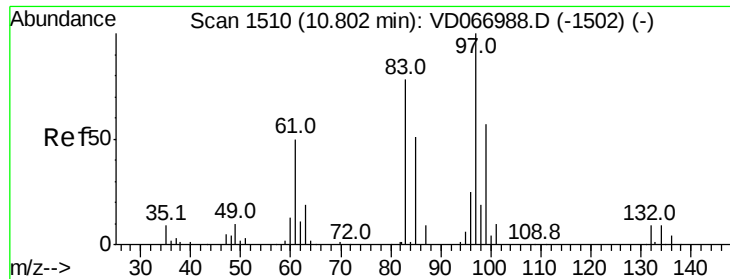
Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

39 43.5 33.0 49.4

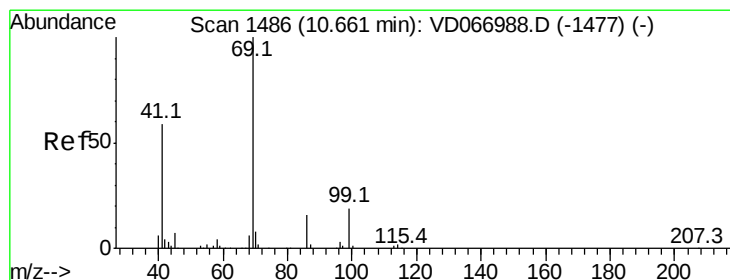
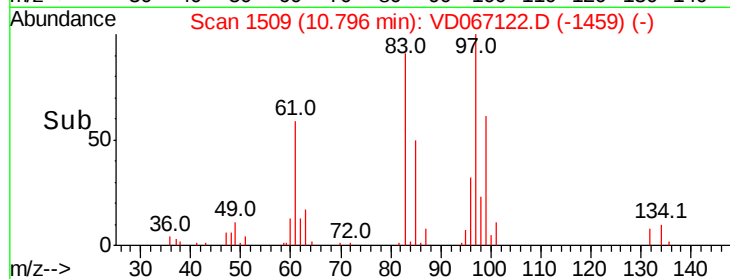
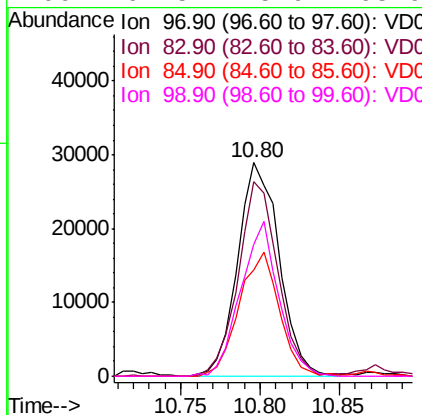
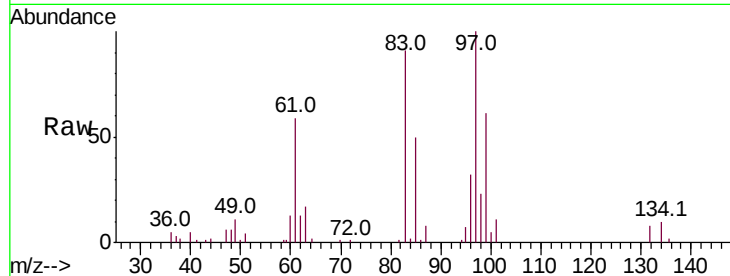




#55
 1,1,2-Trichloroethane
 Concen: 19.883 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

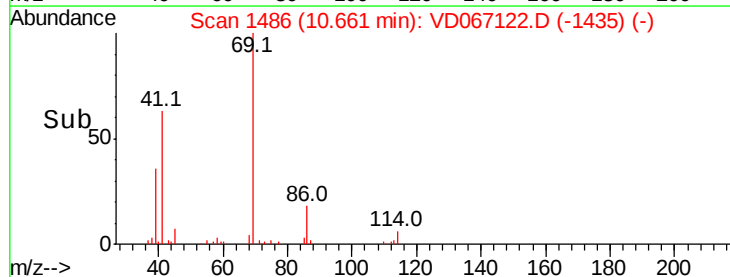
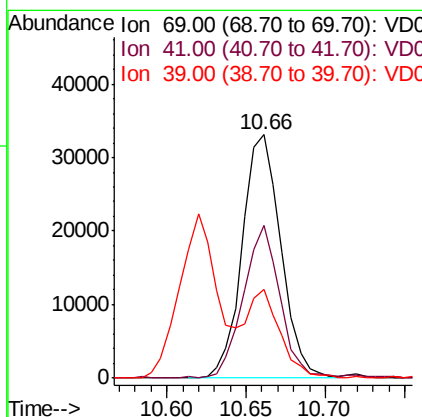
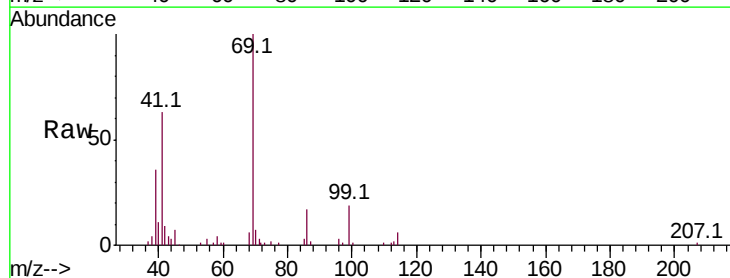
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

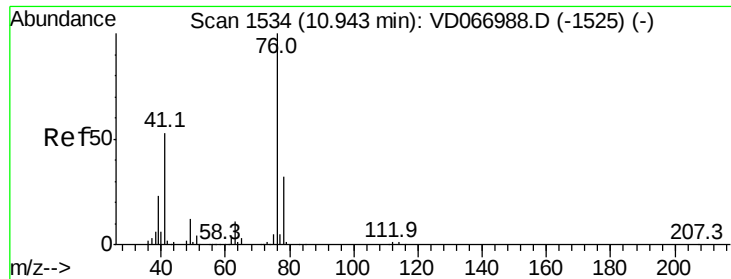
Tot Ion:	97	Resp:	52824
Ion	Ratio	Lower	Upper
97	100		
83	91.0	62.4	93.6
85	49.8	41.0	61.4
99	61.5	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 20.508 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion:	69	Resp:	56250
Ion	Ratio	Lower	Upper
69	100		
41	59.4	46.4	69.6
39	31.3	23.8	35.6

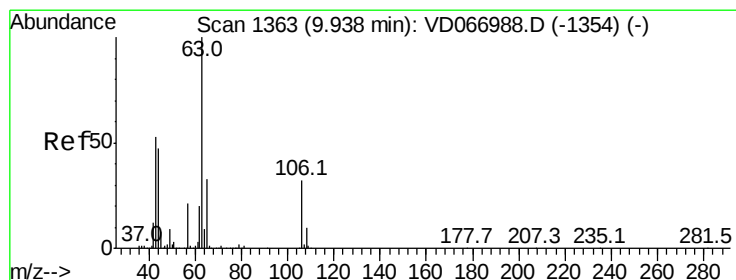
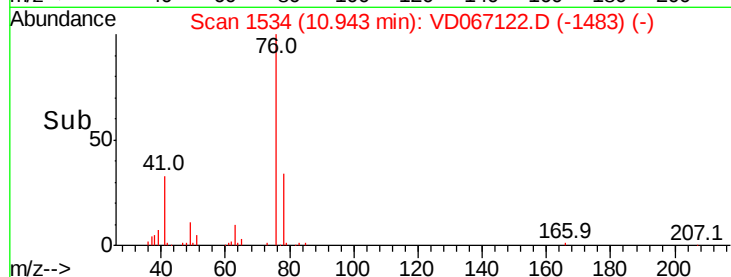
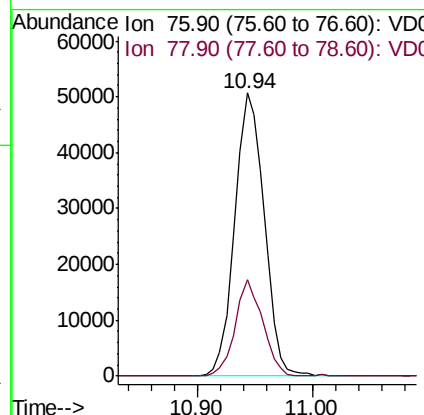
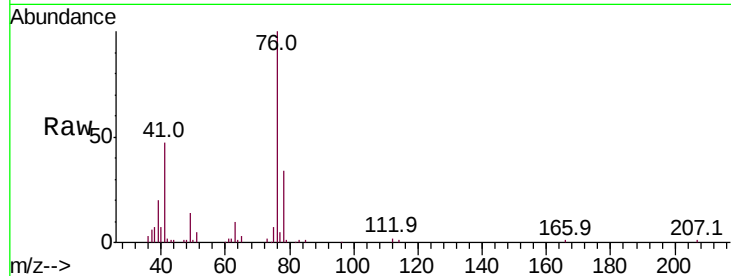




#57
 1,3-Dichloropropane
 Concen: 20.836 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

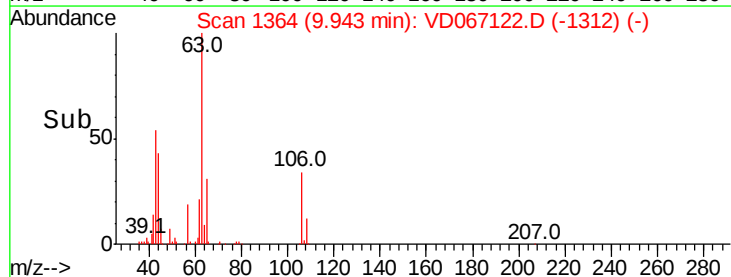
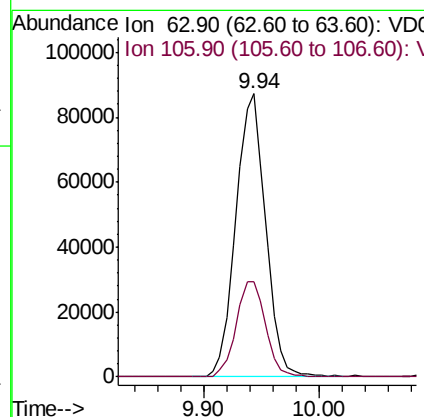
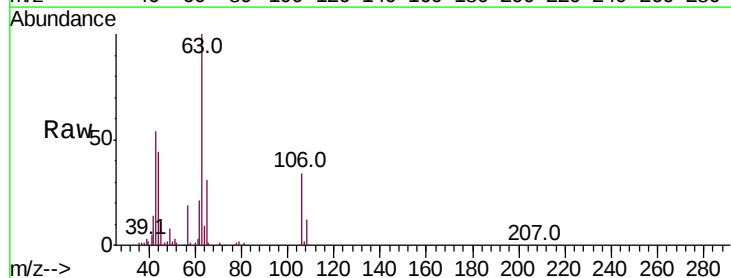
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

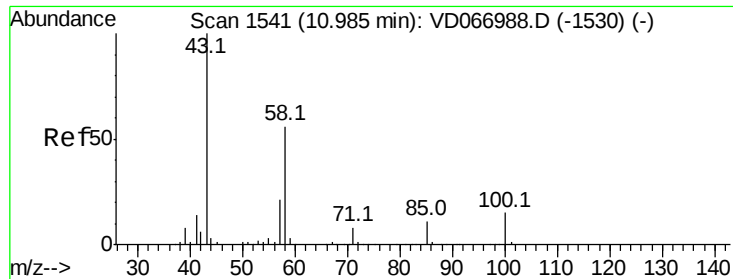
Tot Ion: 76 Resp: 89763
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.239 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion: 63 Resp: 156082
 Ion Ratio Lower Upper
 63 100
 106 33.2 25.3 37.9

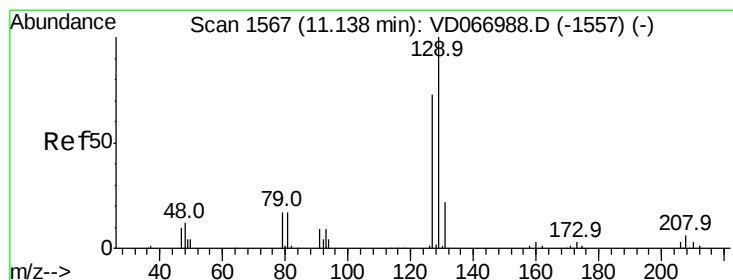
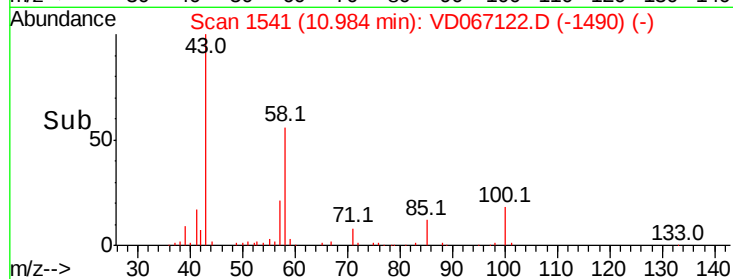
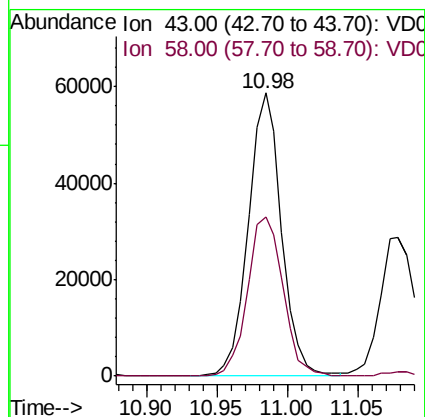
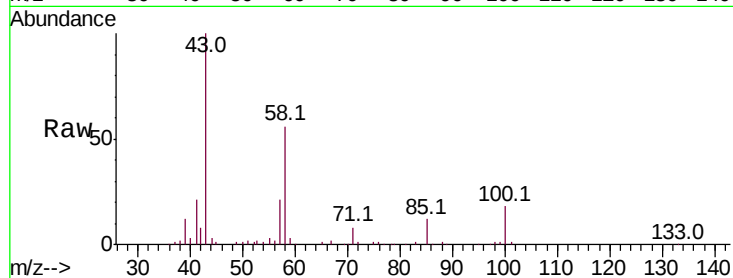




#59
2-Hexanone
Concen: 89.441 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

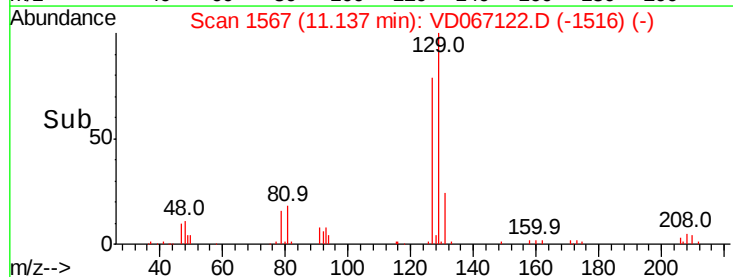
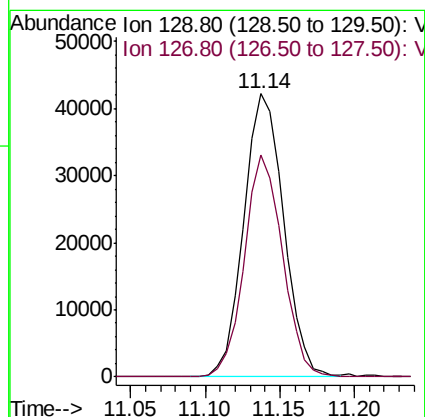
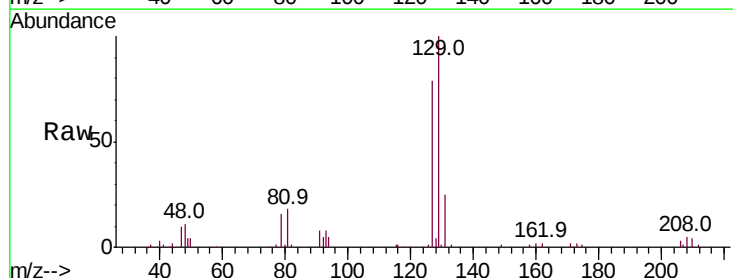
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

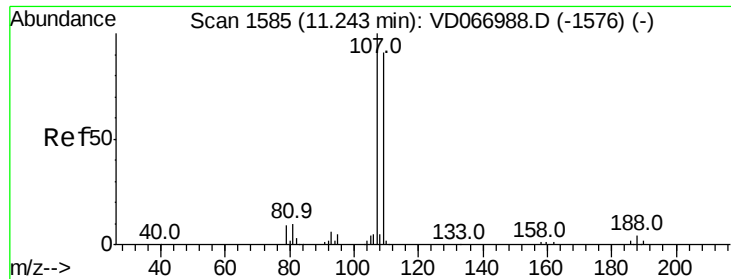
Tot Ion: 43 Resp: 96674
Ion Ratio Lower Upper
43 100
58 60.4 28.3 84.9



#60
Dibromochloromethane
Concen: 22.070 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion: 129 Resp: 78147
Ion Ratio Lower Upper
129 100
127 74.7 37.4 112.1

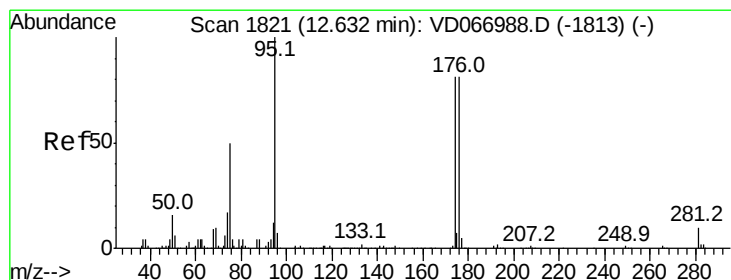
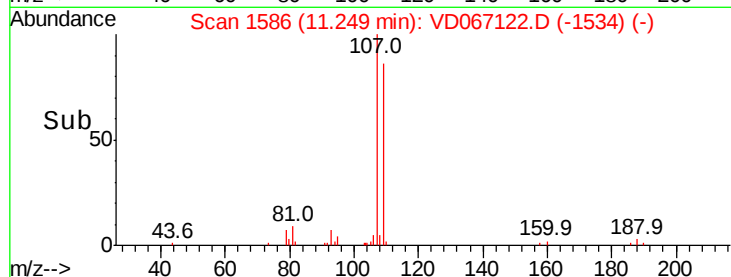
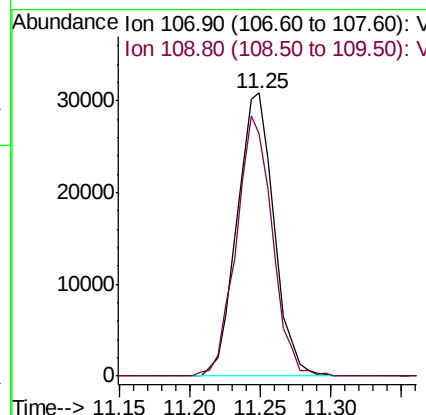
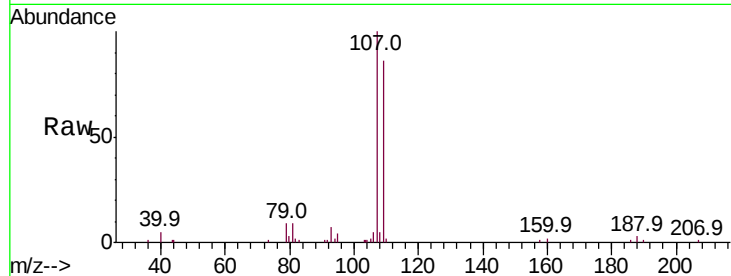




#61
 1,2-Dibromoethane
 Concen: 22.049 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

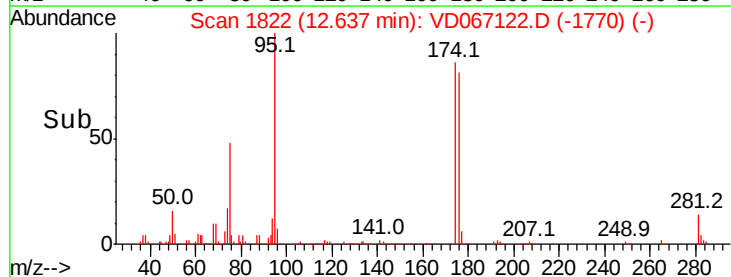
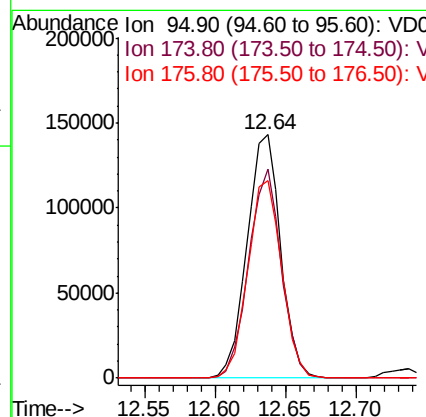
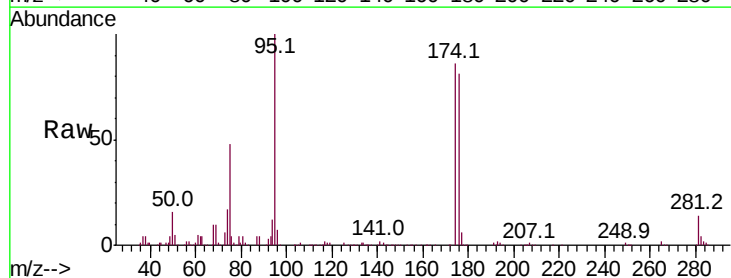
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

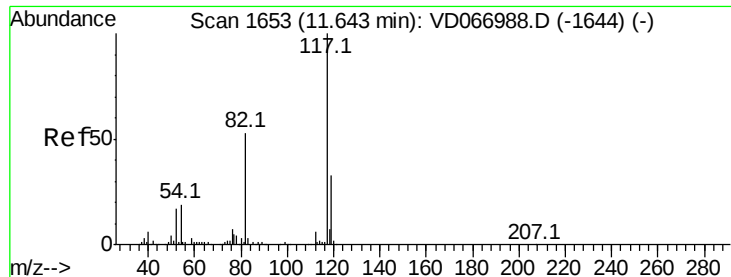
Tot Ion:107 Resp: 56278
 Ion Ratio Lower Upper
 107 100
 109 89.6 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 53.918 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion: 95 Resp: 238650
 Ion Ratio Lower Upper
 95 100
 174 83.3 0.0 167.6
 176 82.0 0.0 162.4

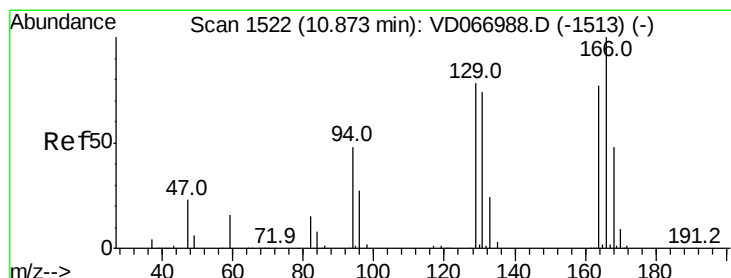
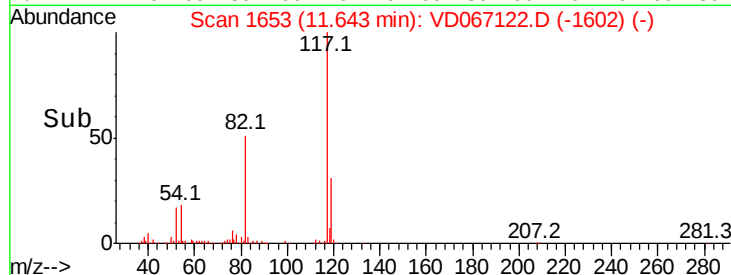
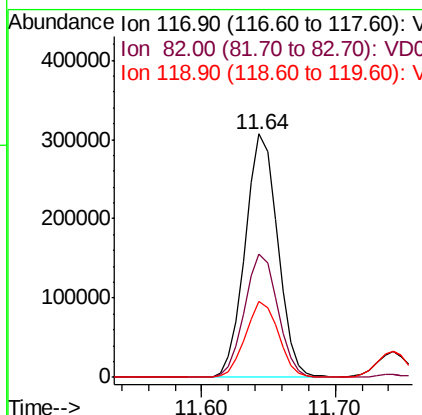
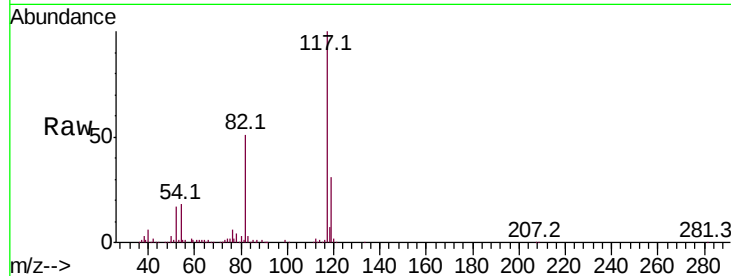




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

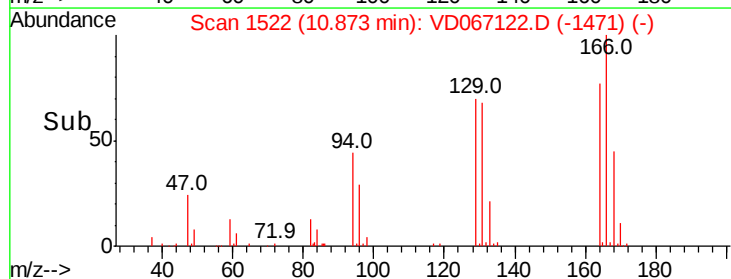
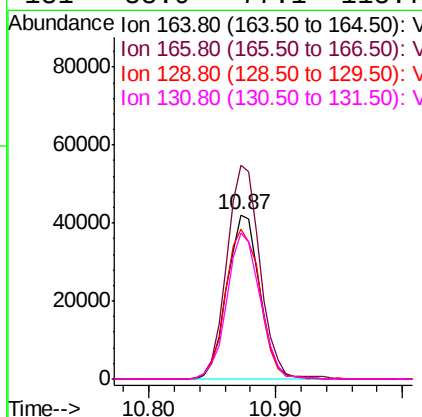
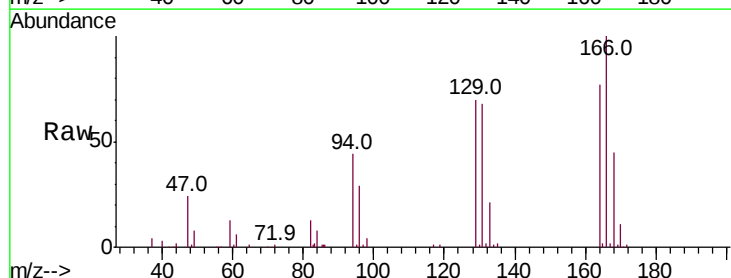
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

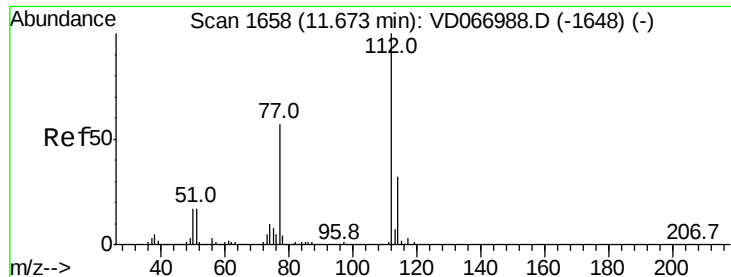
Tot Ion:117 Resp: 516532
Ion Ratio Lower Upper
117 100
82 50.9 42.6 63.8
119 31.2 26.3 39.5



#64
Tetrachloroethene
Concen: 20.055 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion:164 Resp: 75310
Ion Ratio Lower Upper
164 100
166 130.1 104.4 156.6
129 91.2 81.3 121.9
131 88.9 77.1 115.7

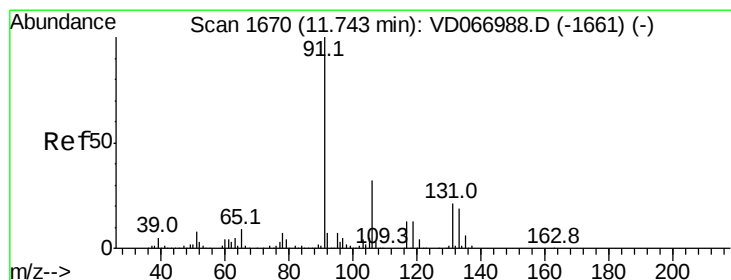
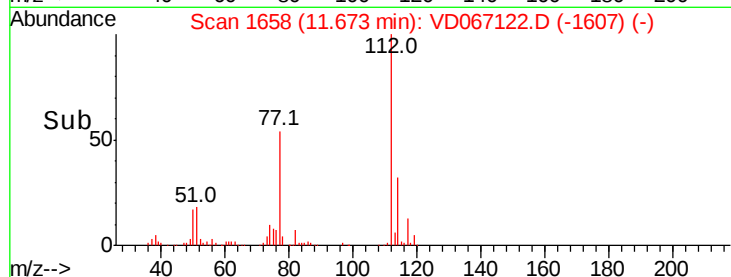
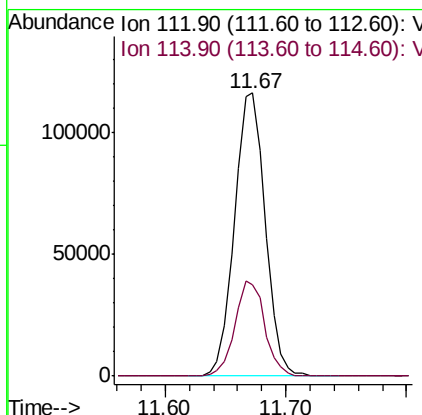
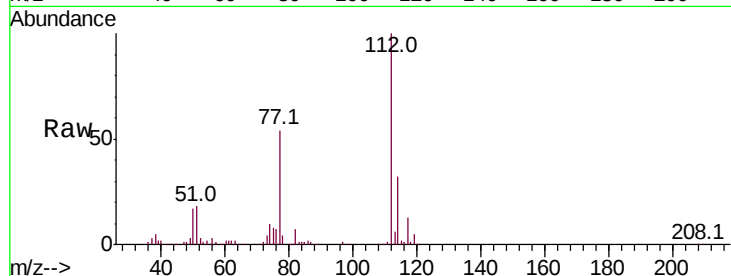




#65
Chlorobenzene
Concen: 20.133 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

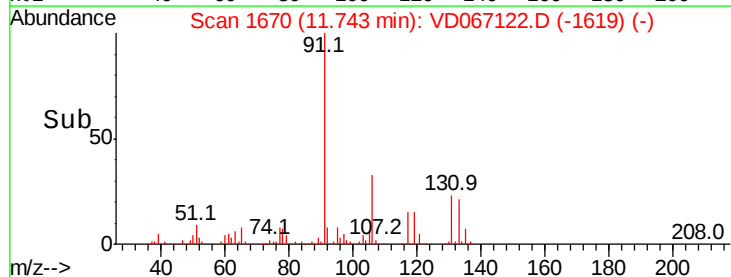
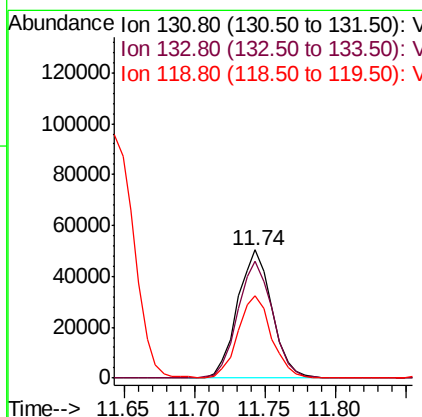
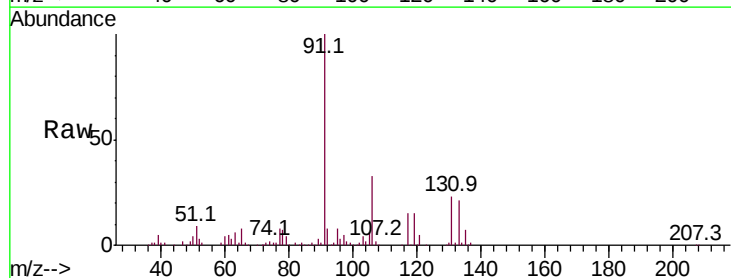
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

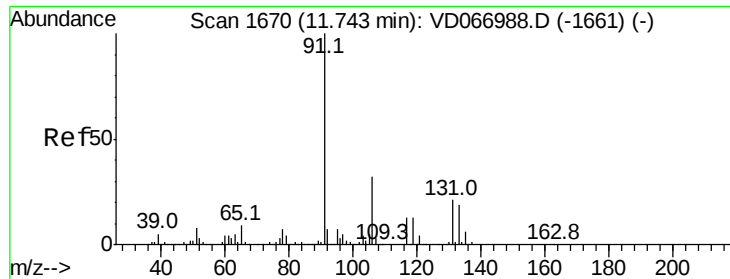
Tot Ion:112 Resp: 206827
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.979 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion:131 Resp: 85888
Ion Ratio Lower Upper
131 100
133 92.2 47.8 143.3
119 62.6 32.3 96.8





#67

Ethyl Benzene

Concen: 20.244 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

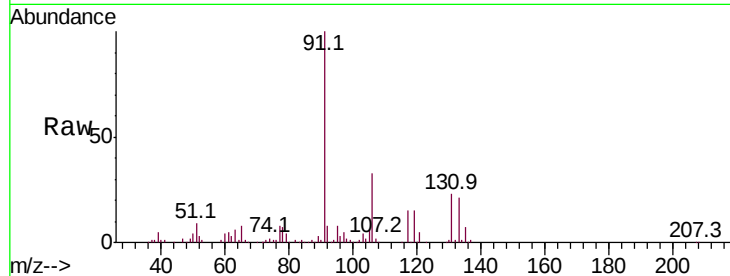
VD1006SBS02

Tot Ion: 91 Resp: 356329

Ion Ratio Lower Upper

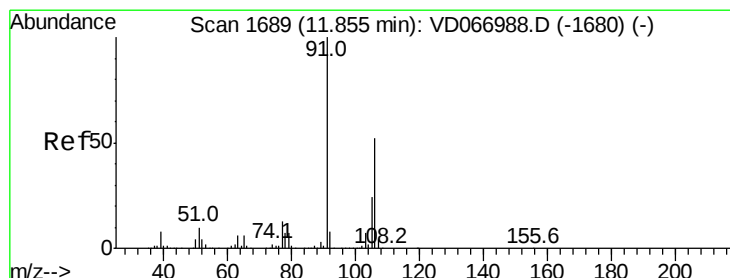
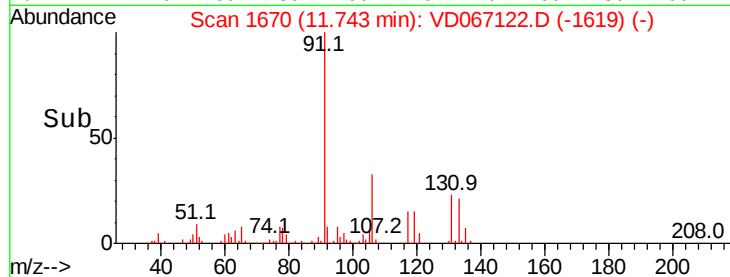
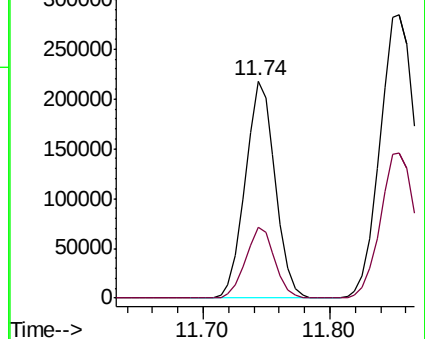
91 100

106 32.9 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.960 ug/l

RT: 11.85 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD067122.D

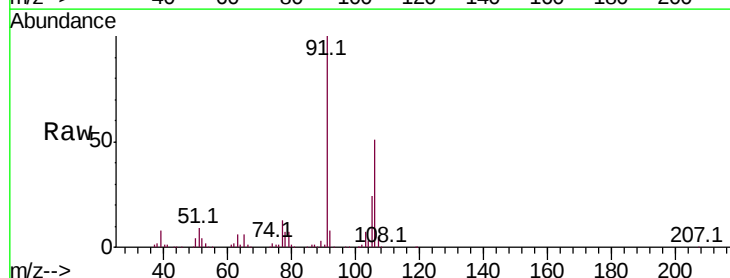
Acq: 06 Oct 2020 23:06

Tgt Ion: 106 Resp: 280974

Ion Ratio Lower Upper

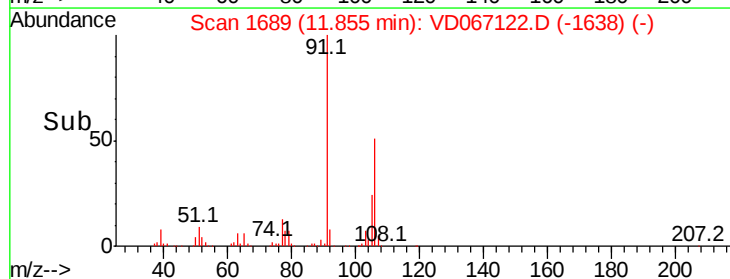
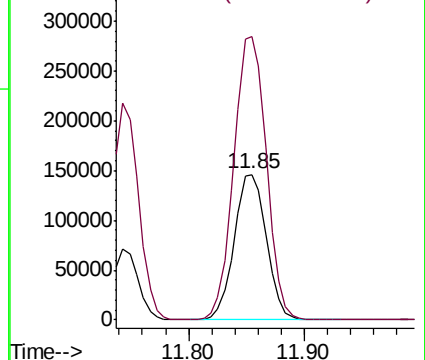
106 100

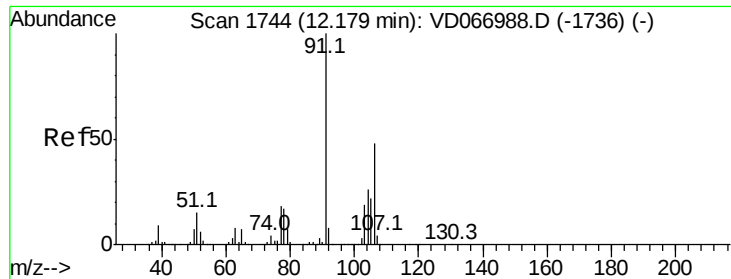
91 197.4 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

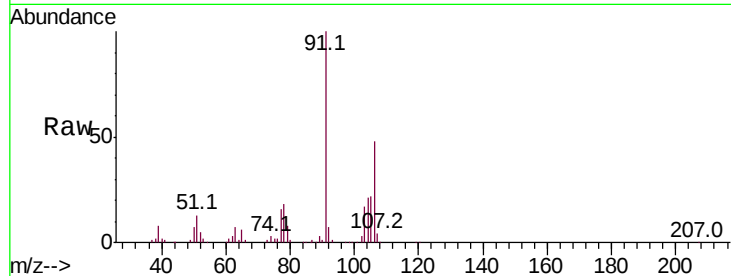




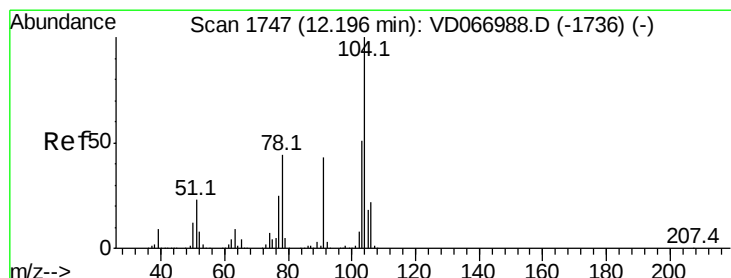
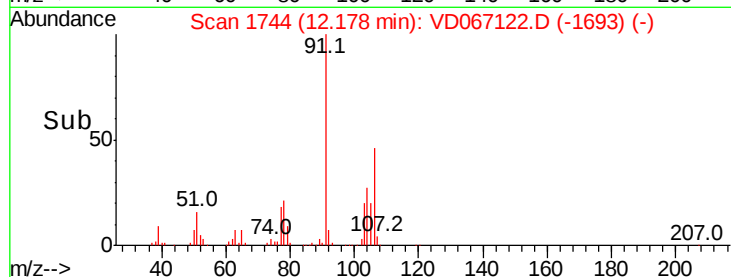
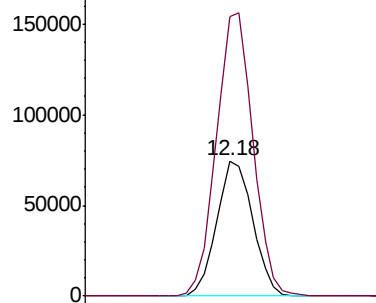
#69
o-Xylene
Concen: 20.367 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion:106 Resp: 124938
Ion Ratio Lower Upper
106 100
91 211.5 102.4 307.2

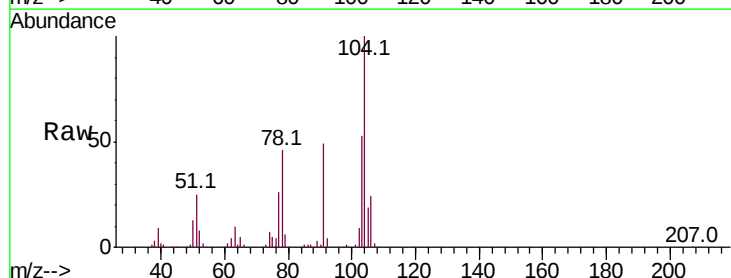


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

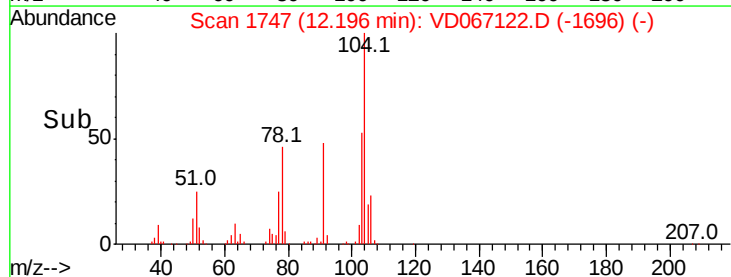
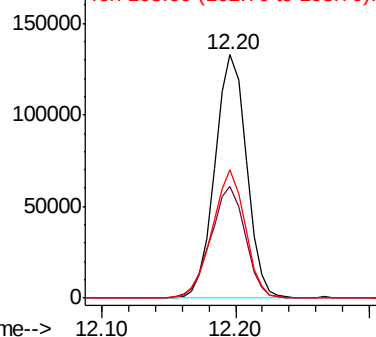


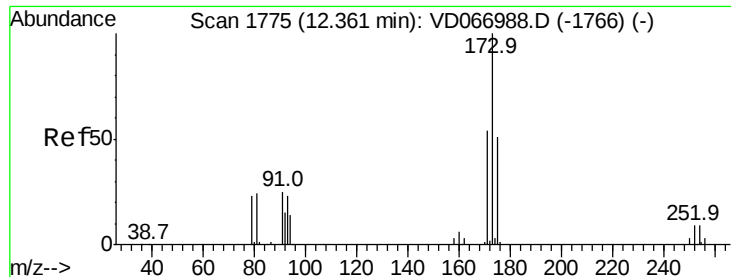
#70
Styrene
Concen: 20.642 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion:104 Resp: 217439
Ion Ratio Lower Upper
104 100
78 50.2 38.6 58.0
103 54.9 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: 21.964 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

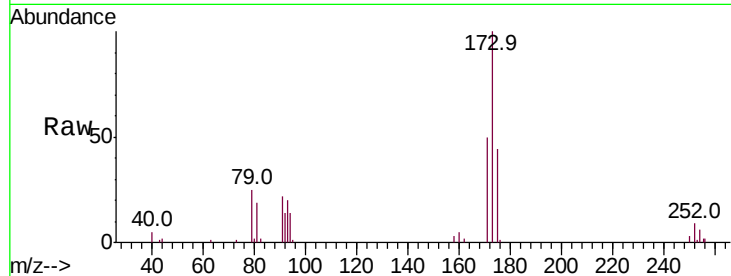
Tot Ion:173 Resp: 44554

Ion Ratio Lower Upper

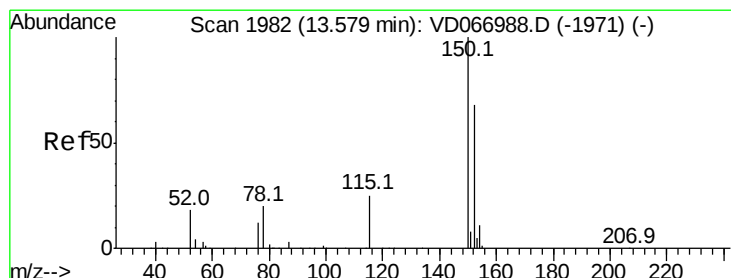
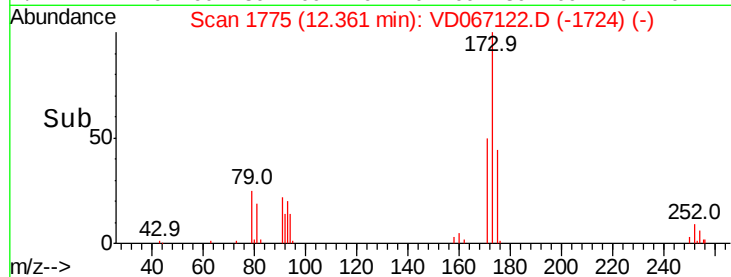
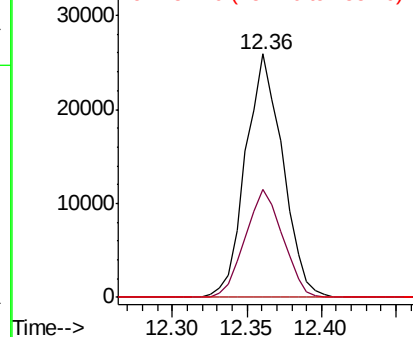
173 100

175 44.9 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: VD067122.D

Acq: 06 Oct 2020 23:06

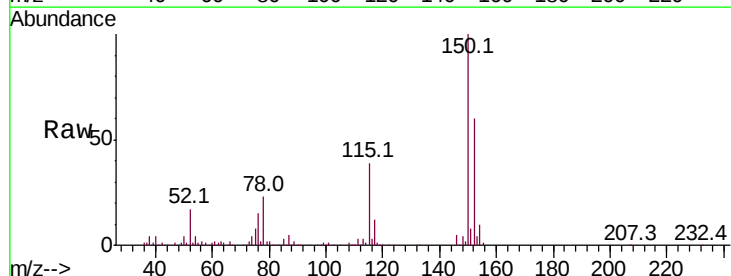
Tgt Ion:152 Resp: 245670

Ion Ratio Lower Upper

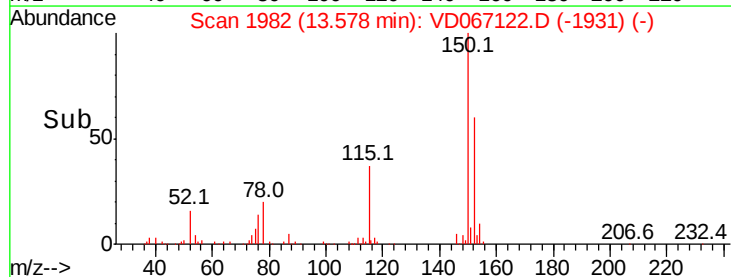
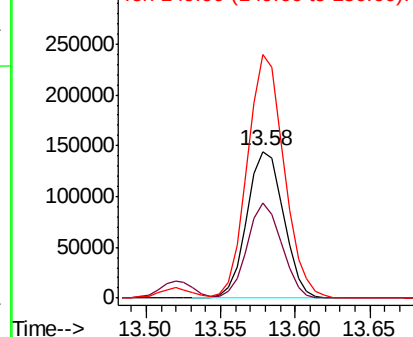
152 100

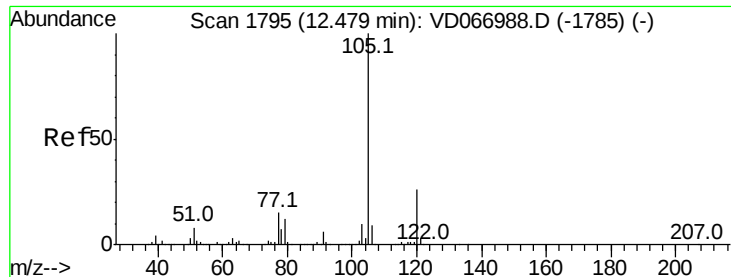
115 61.1 29.6 88.8

150 166.2 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

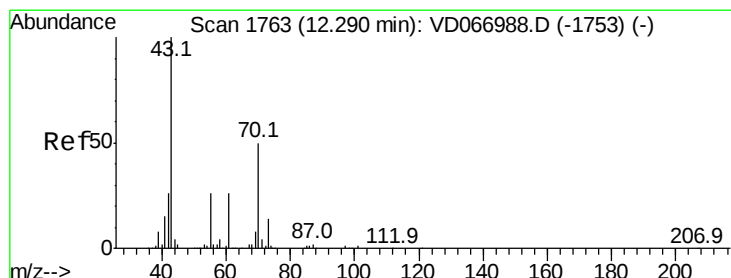
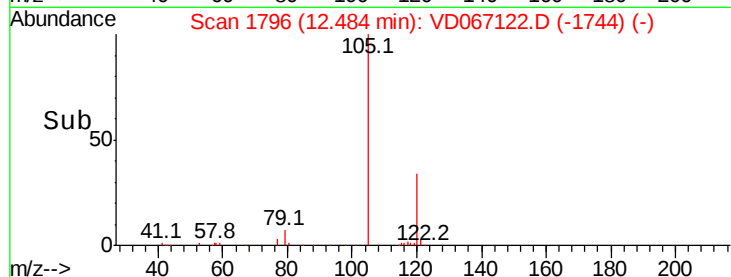
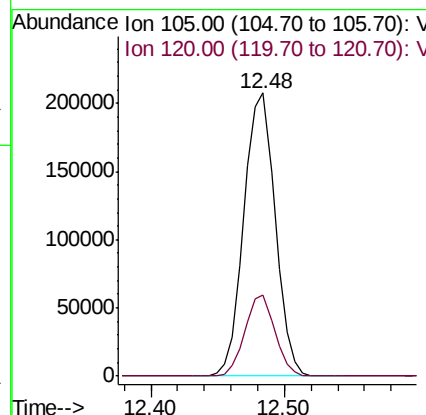
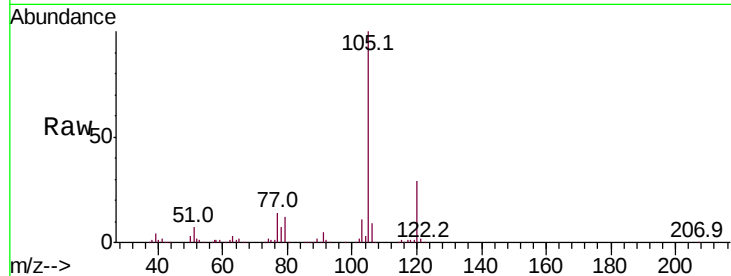




#73
Isopropylbenzene
Concen: 20.200 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

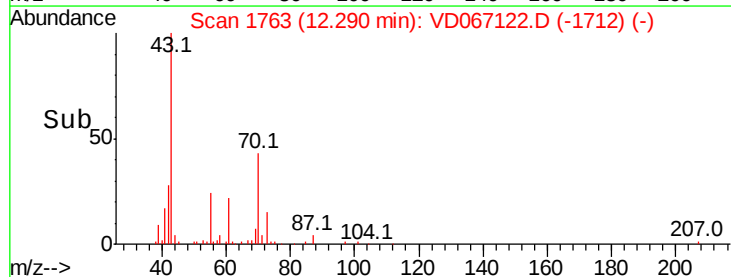
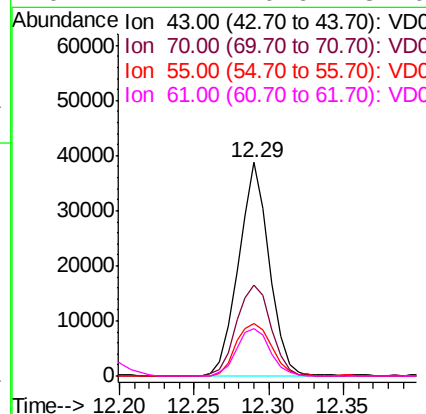
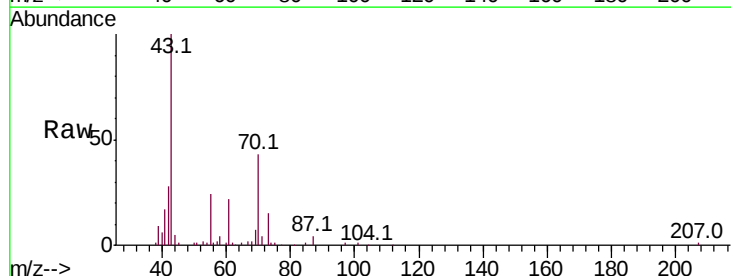
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

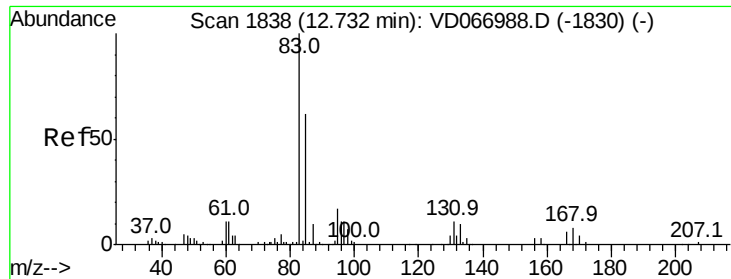
Tot Ion:105 Resp: 336966
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9



#74
N-ethyl acetate
Concen: 18.464 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD067122.D
Acq: 06 Oct 2020 23:06

Tgt Ion: 43 Resp: 55370
Ion Ratio Lower Upper
43 100
70 48.0 38.2 57.2
55 28.6 22.4 33.6
61 24.4 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.954 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

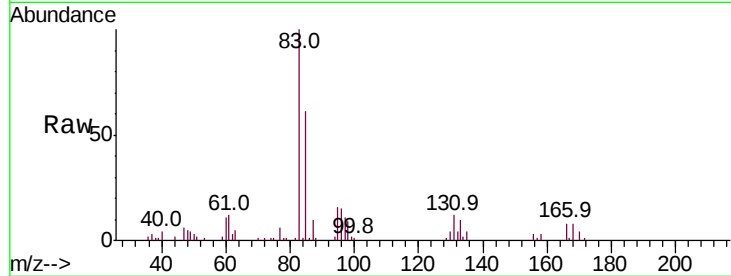
Tot Ion: 83 Resp: 56082

Ion Ratio Lower Upper

83 100

131 12.1 5.7 17.0

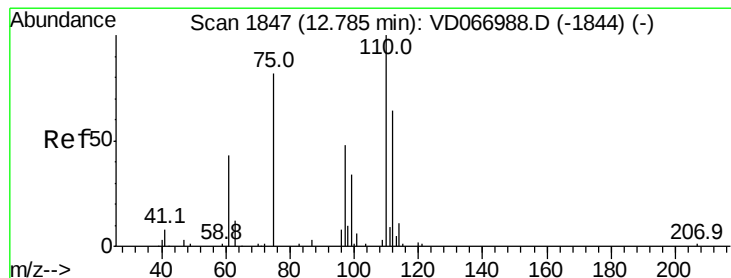
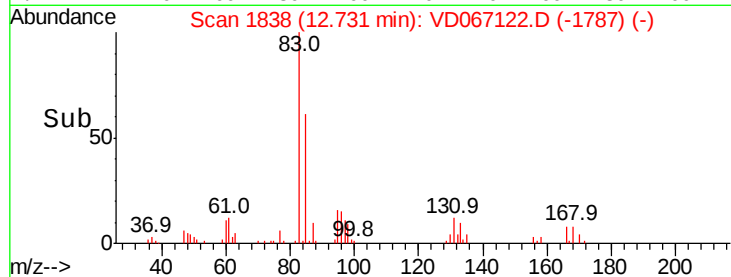
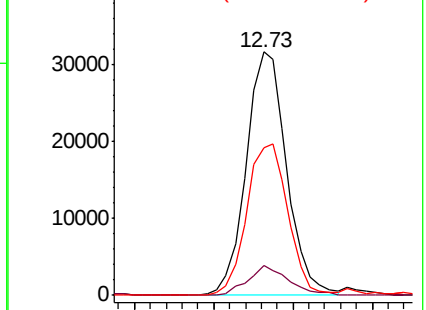
85 63.2 32.0 96.2



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: 33.323 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD067122.D

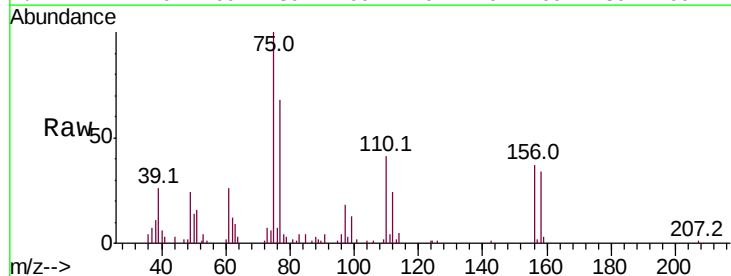
Acq: 06 Oct 2020 23:06

Tgt Ion: 75 Resp: 71306

Ion Ratio Lower Upper

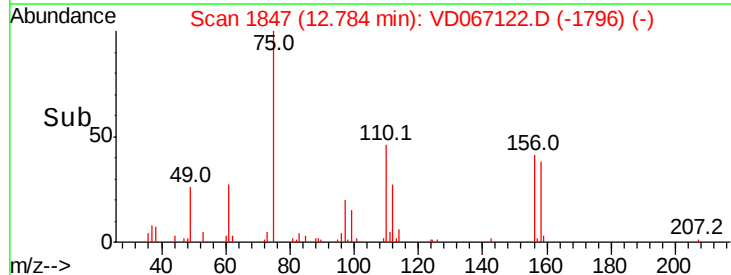
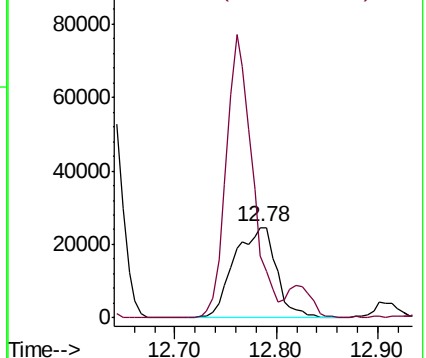
75 100

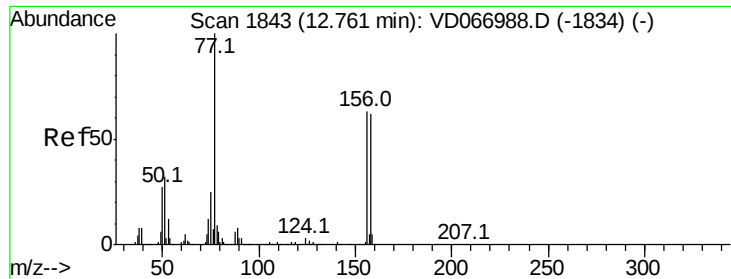
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.084 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

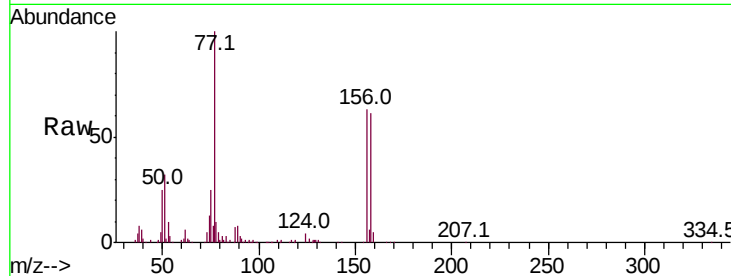
Tot Ion:156 Resp: 84924

Ion Ratio Lower Upper

156 100

77 163.8 86.3 258.8

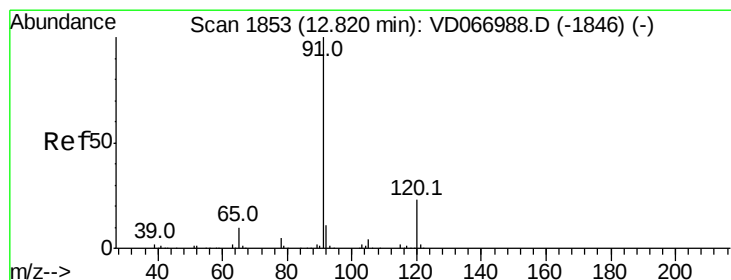
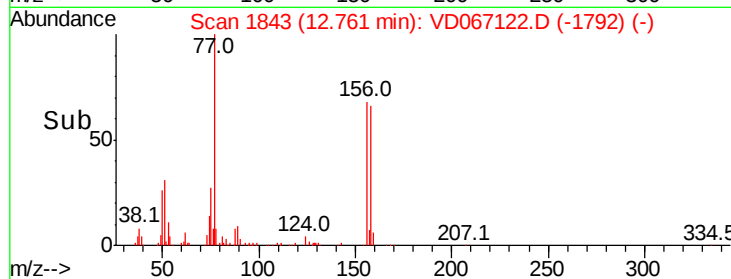
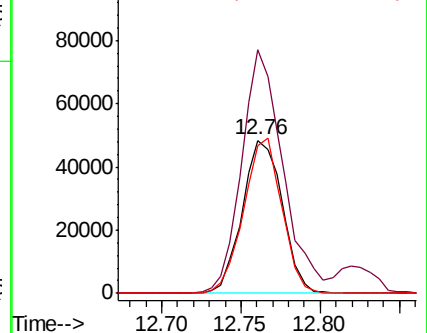
158 96.8 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): V

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 20.421 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD067122.D

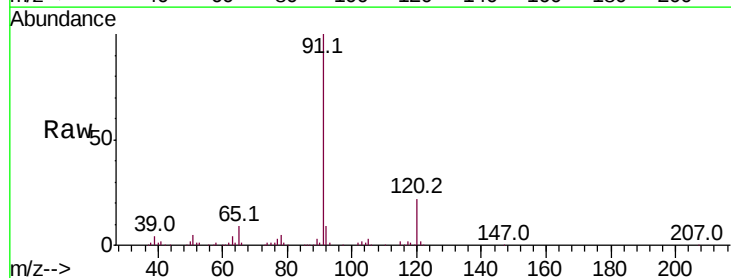
Acq: 06 Oct 2020 23:06

Tgt Ion: 91 Resp: 402588

Ion Ratio Lower Upper

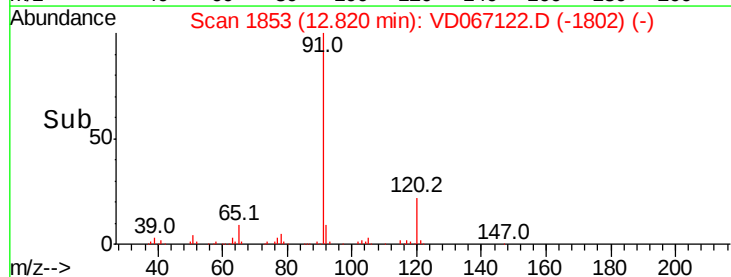
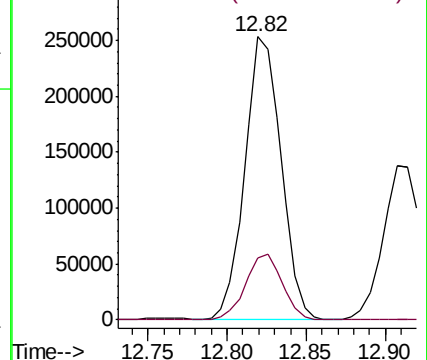
91 100

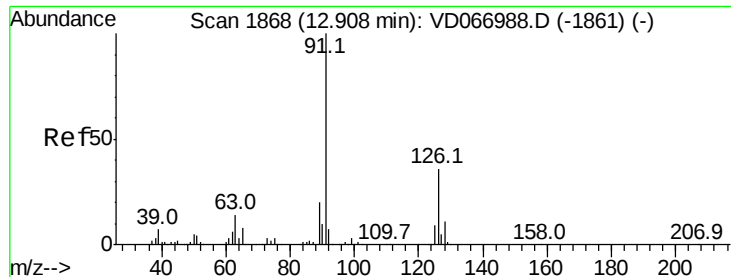
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.30): V

Ion 120.00 (119.70 to 120.30): V

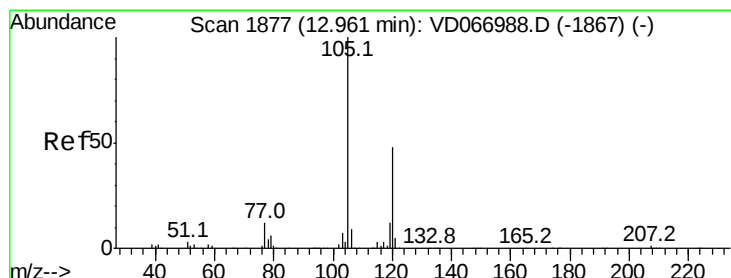
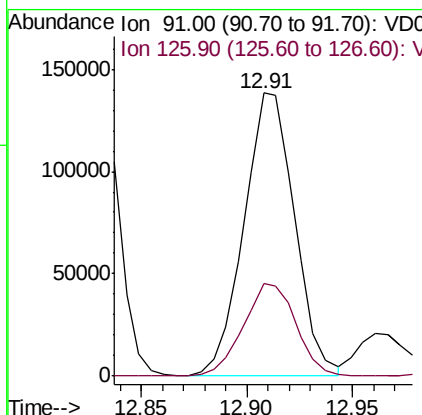
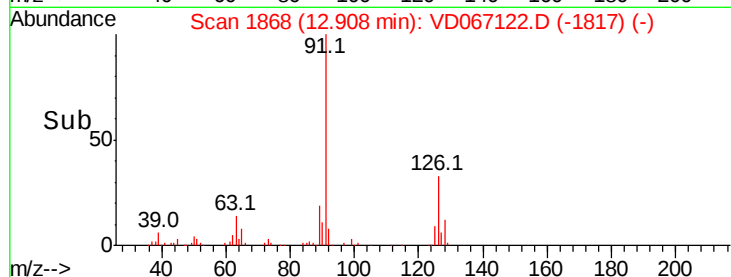
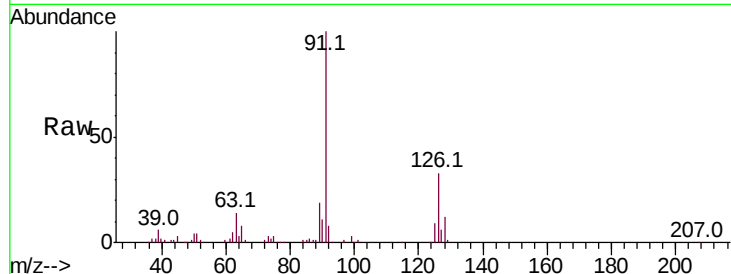




#79
 2-Chlorotoluene
 Concen: 20.453 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

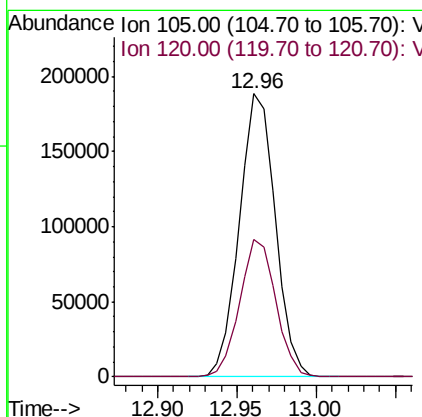
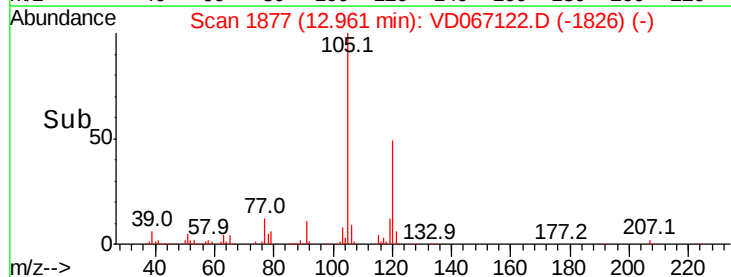
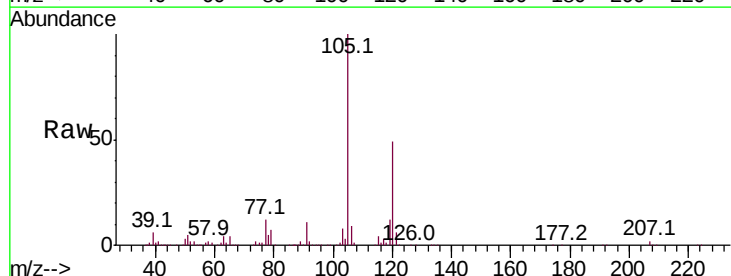
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

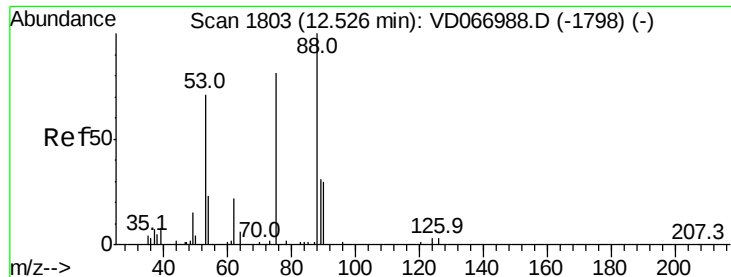
Tot Ion: 91 Resp: 230700
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.115 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion:105 Resp: 297584
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.858 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

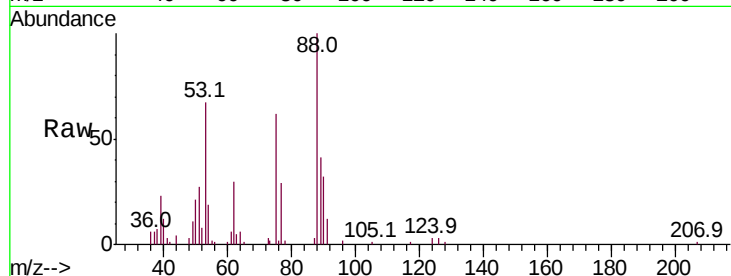
Tot Ion: 75 Resp: 15328

Ion Ratio Lower Upper

75 100

53 102.6 73.8 110.6

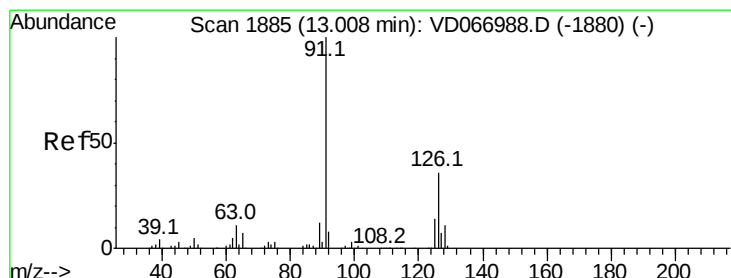
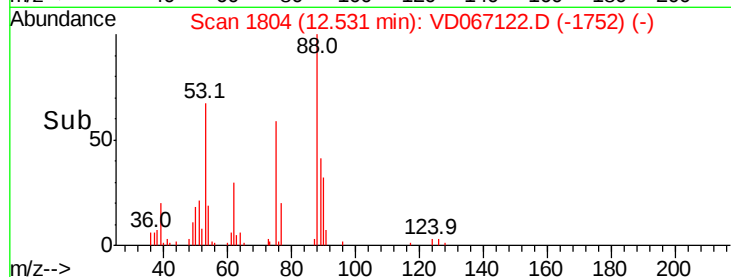
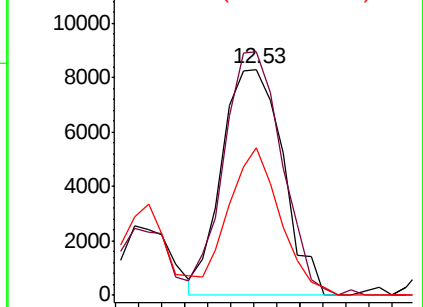
89 55.1 38.9 58.3



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: 20.760 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067122.D

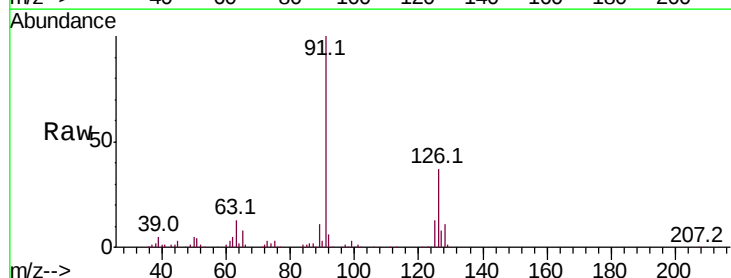
Acq: 06 Oct 2020 23:06

Tgt Ion: 91 Resp: 249135

Ion Ratio Lower Upper

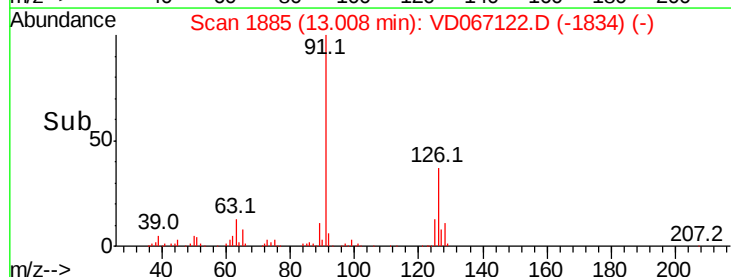
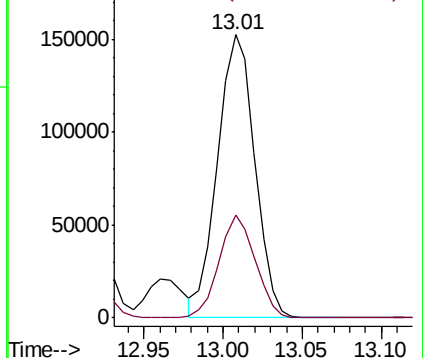
91 100

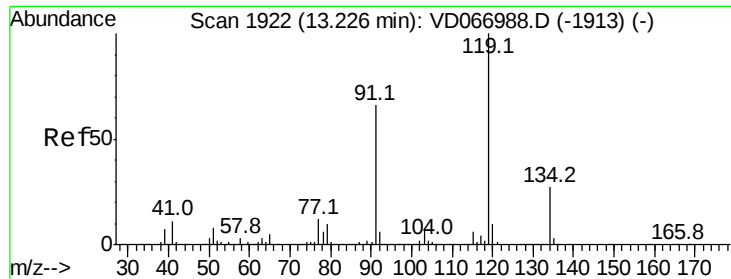
126 35.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

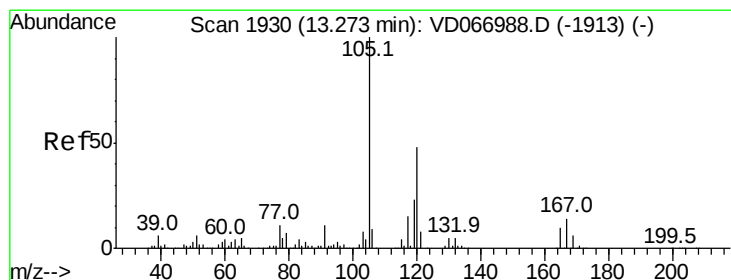
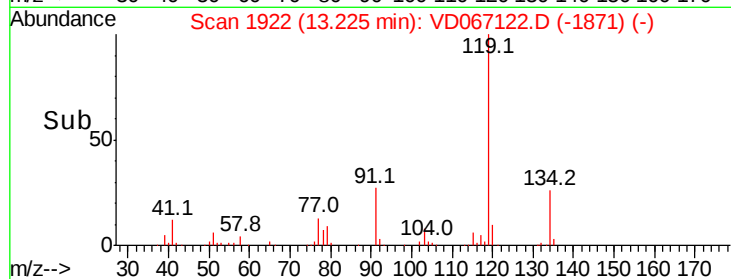
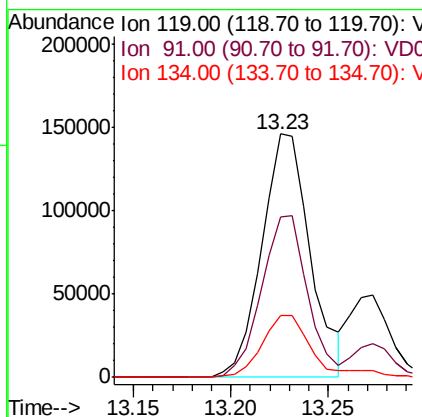
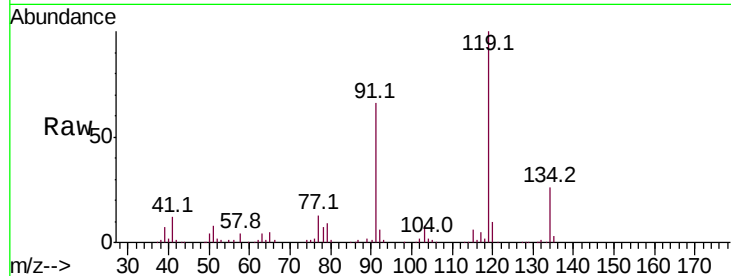




#83
 tert-Butylbenzene
 Concen: 21.194 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

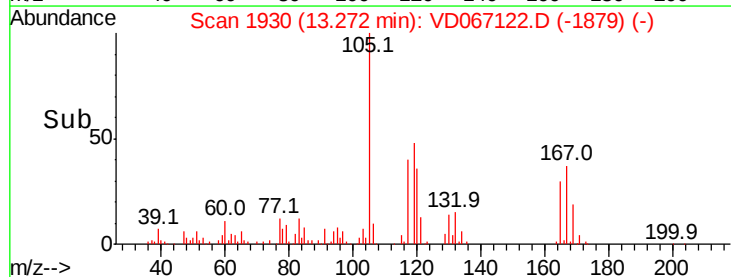
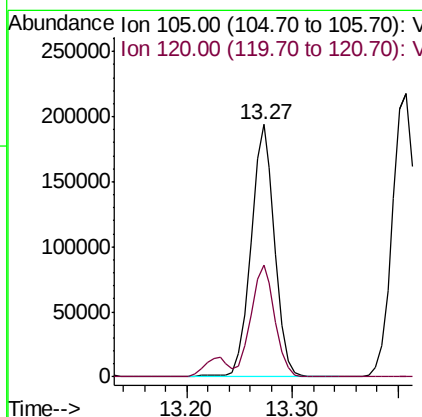
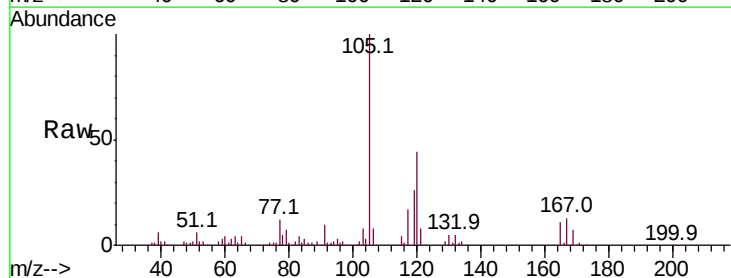
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

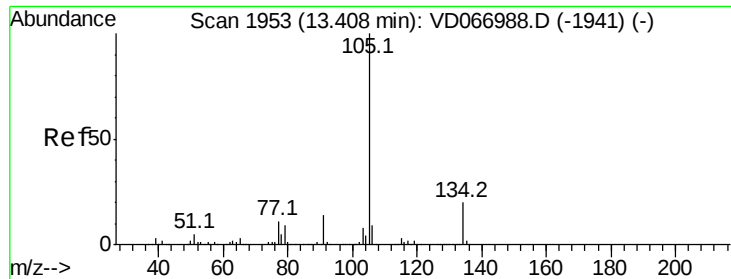
Tot Ion:119 Resp: 251534
 Ion Ratio Lower Upper
 119 100
 91 63.0 32.8 98.3
 134 26.8 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.366 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion:105 Resp: 300507
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.320 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

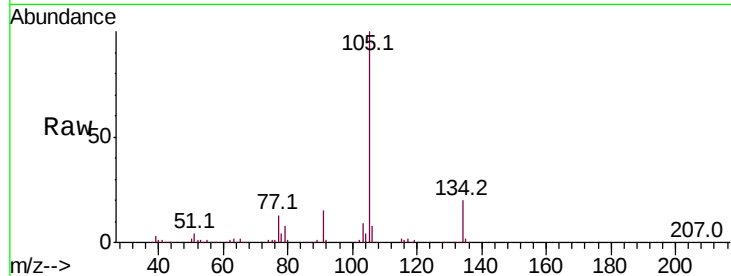
VD1006SBS02

Tot Ion:105 Resp: 339624

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

250000

200000

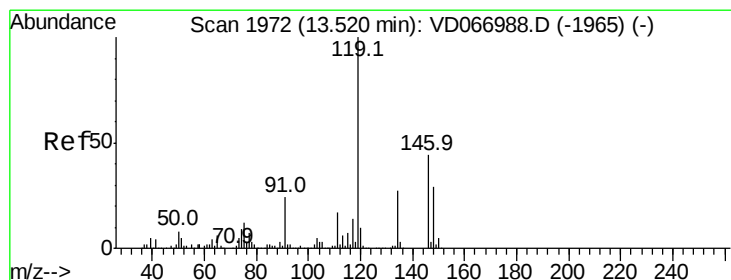
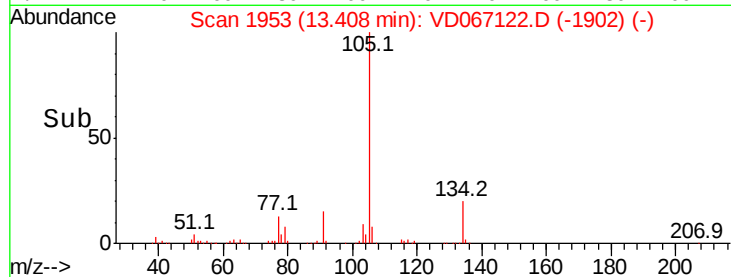
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.364 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

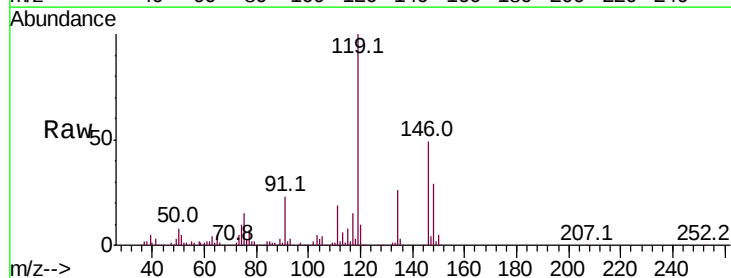
Tgt Ion:119 Resp: 315551

Ion Ratio Lower Upper

119 100

134 25.3 13.1 39.1

91 22.8 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

250000

200000

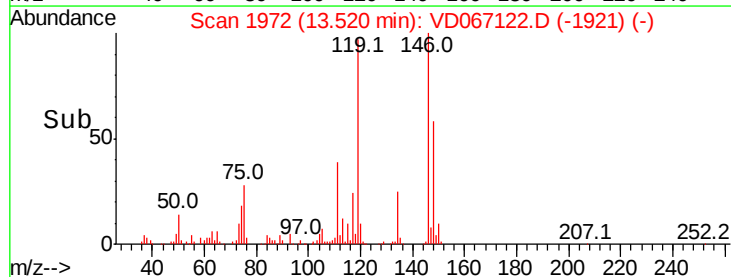
150000

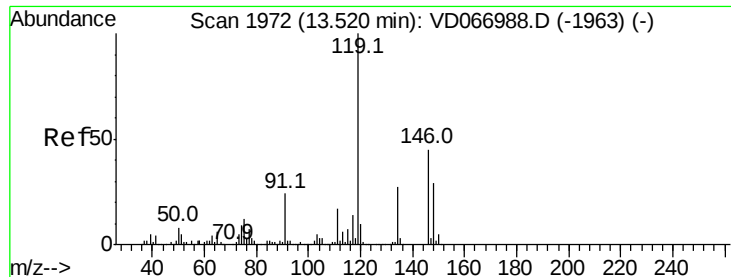
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.684 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

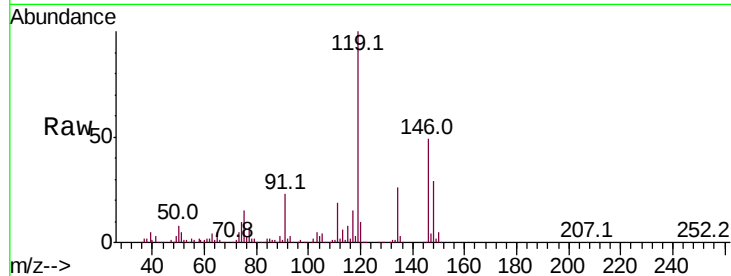
Tot Ion:146 Resp: 162284

Ion Ratio Lower Upper

146 100

111 39.0 20.0 60.0

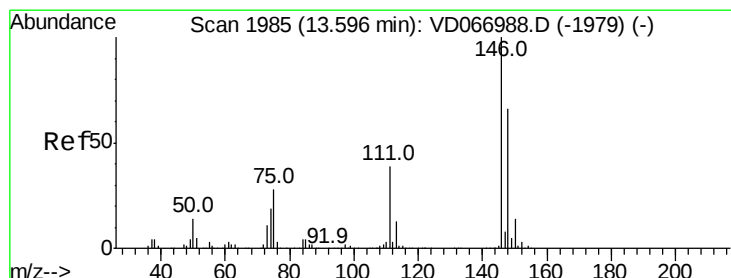
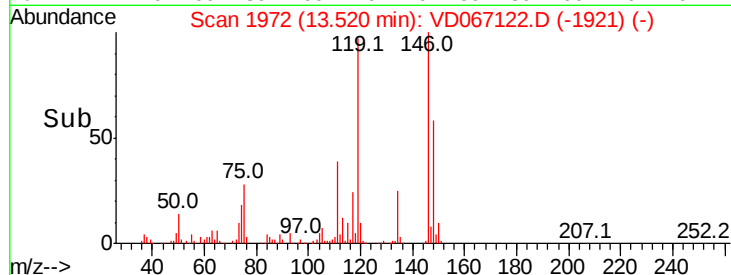
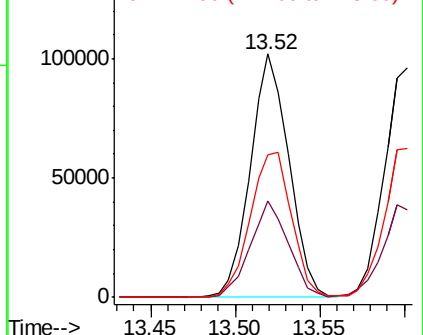
148 63.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.153 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

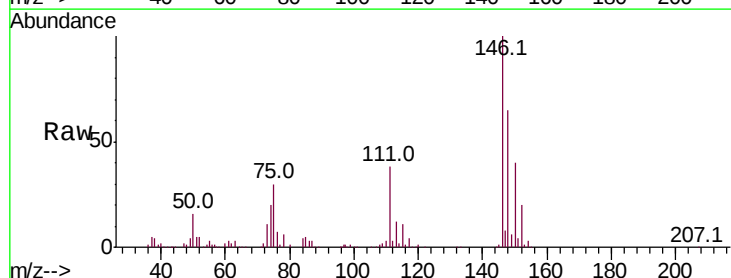
Tgt Ion:146 Resp: 158101

Ion Ratio Lower Upper

146 100

111 39.7 19.6 58.7

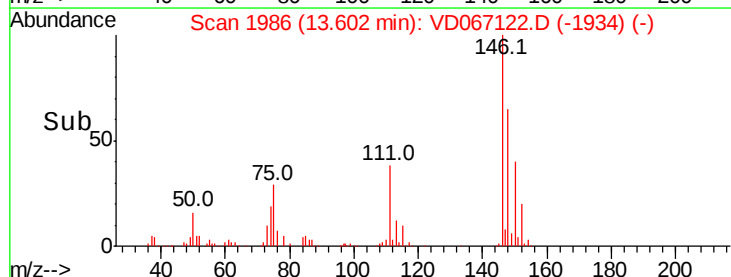
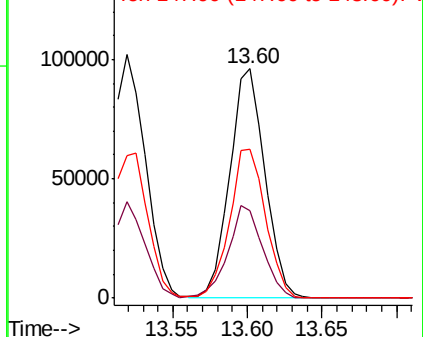
148 66.7 32.6 97.7

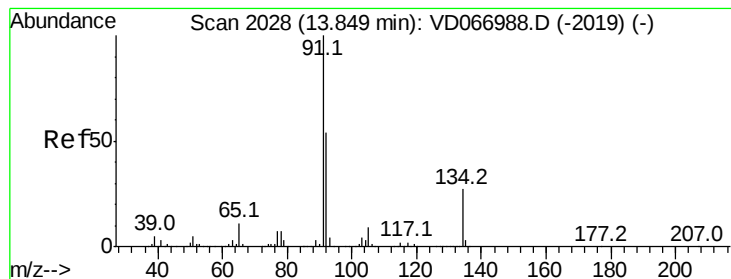


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.034 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

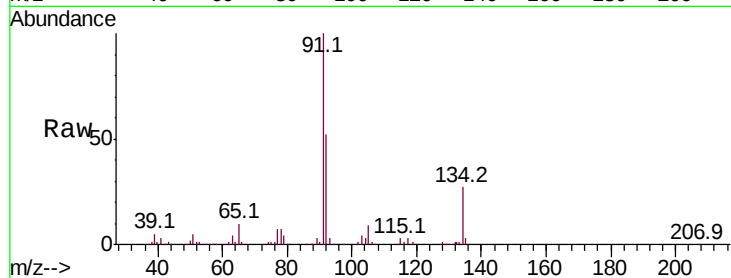
Tot Ion: 91 Resp: 269548

Ion Ratio Lower Upper

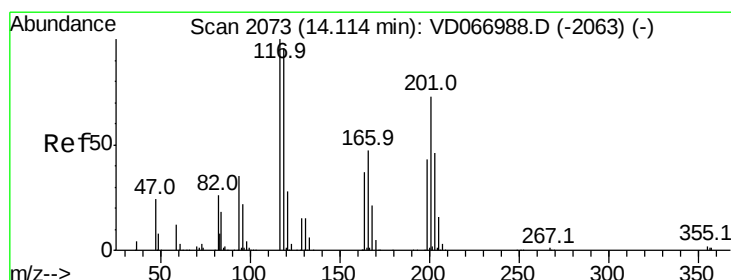
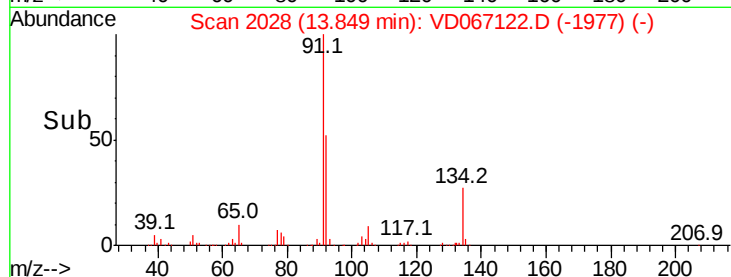
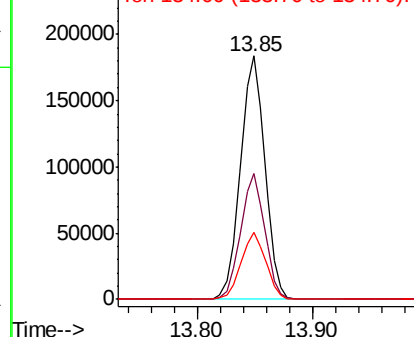
91 100

92 50.7 27.1 81.2

134 27.4 13.6 40.8



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



#90

Hexachloroethane

Concen: 20.024 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VD067122.D

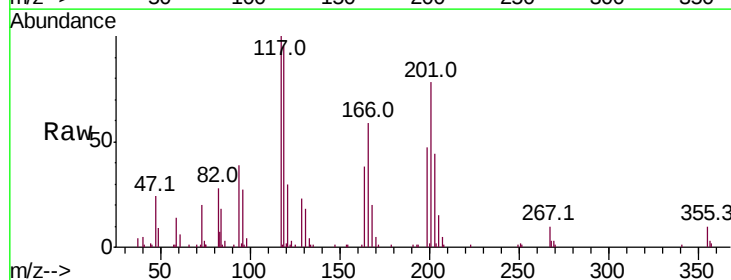
Acq: 06 Oct 2020 23:06

Tgt Ion: 117 Resp: 54350

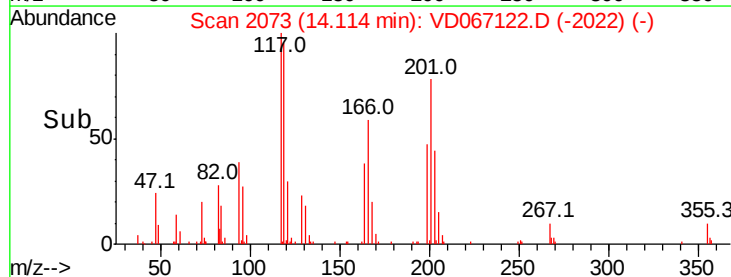
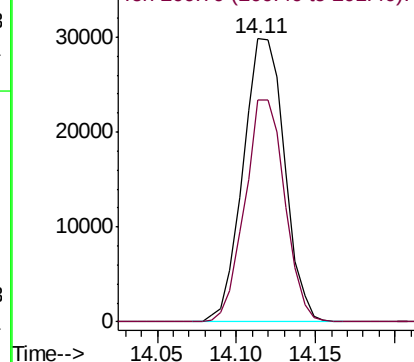
Ion Ratio Lower Upper

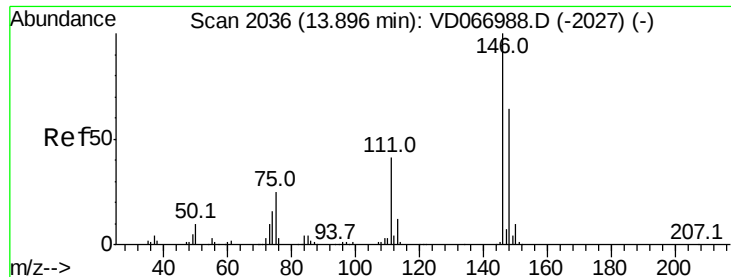
117 100

201 75.4 37.0 110.9



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





#91

1,2-Dichlorobenzene

Concen: 20.957 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

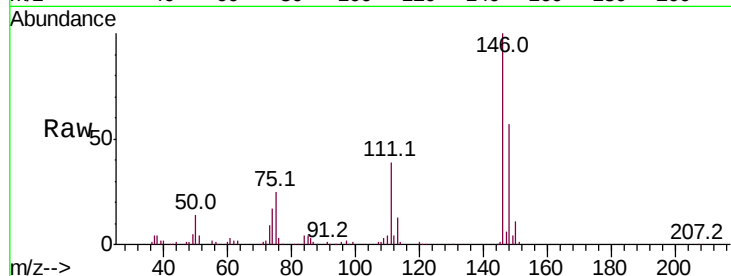
Tot Ion:146 Resp: 143599

Ion Ratio Lower Upper

146 100

111 42.2 20.9 62.7

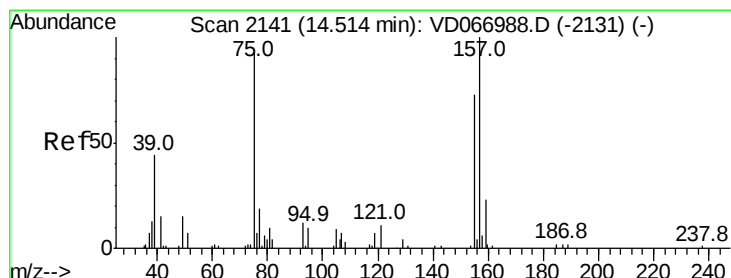
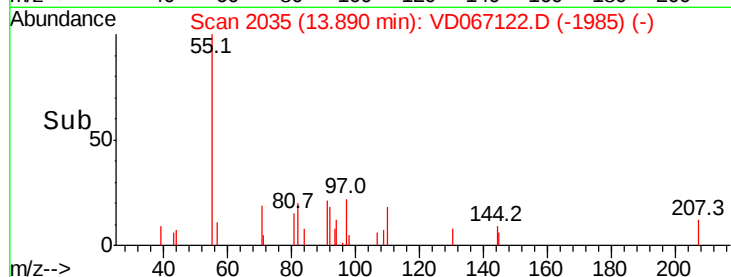
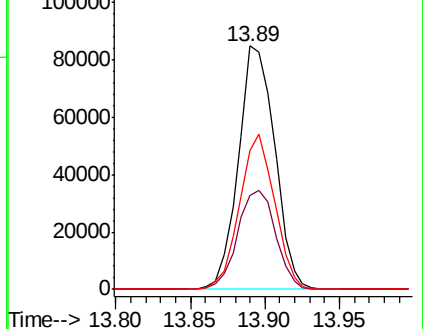
148 61.5 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.426 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

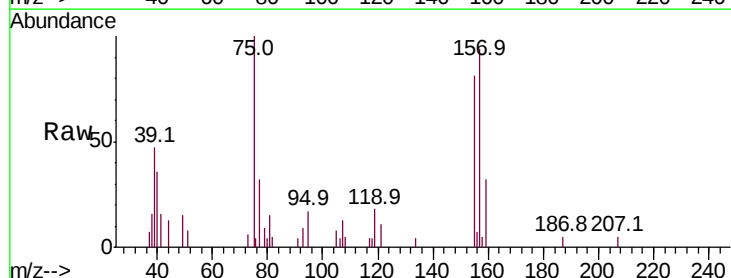
Tgt Ion: 75 Resp: 8801

Ion Ratio Lower Upper

75 100

155 93.3 45.2 135.6

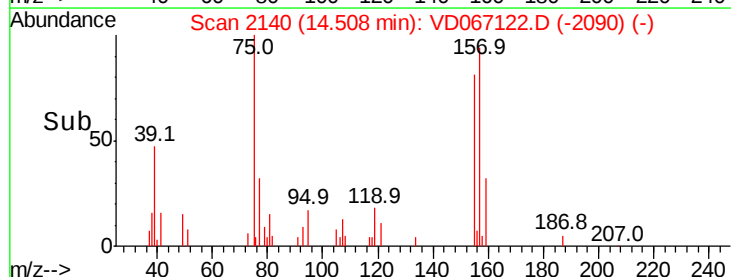
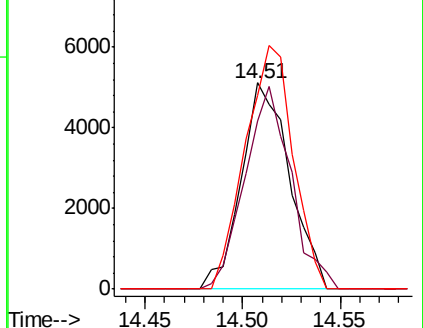
157 117.4 56.3 168.8

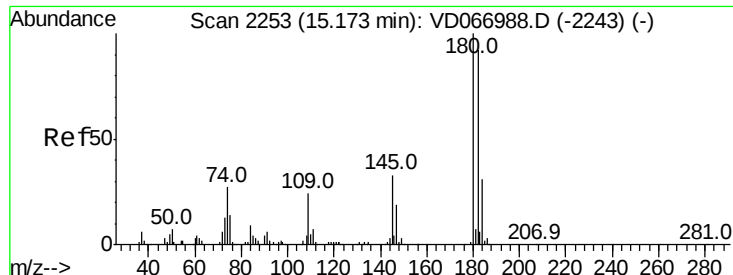


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

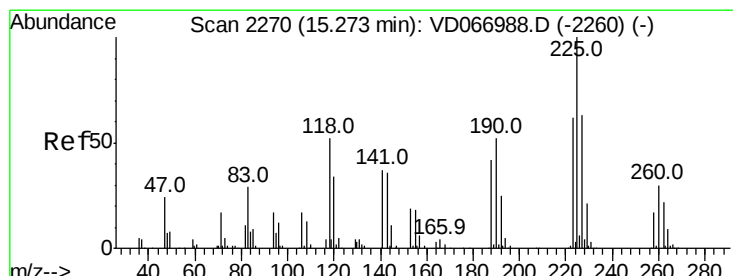
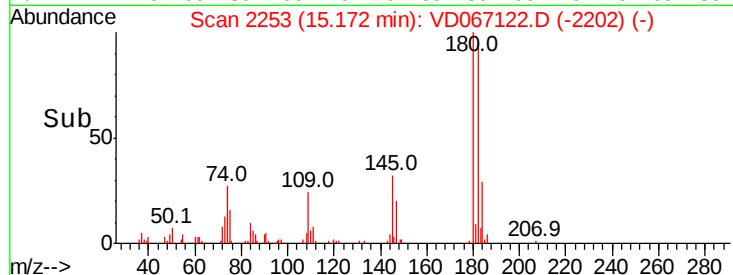
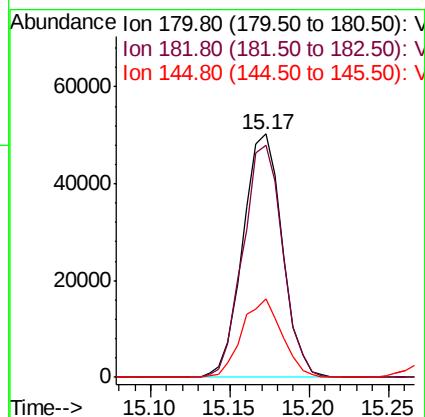
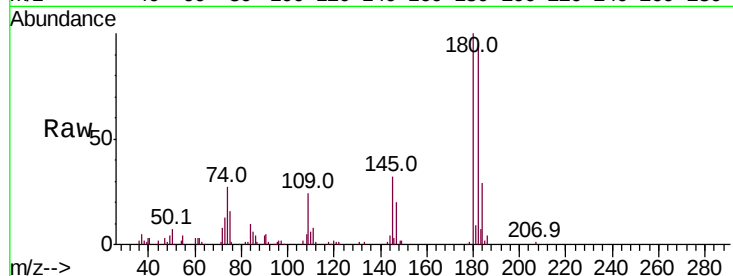




#93
 1,2,4-Trichlorobenzene
 Concen: 19.683 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

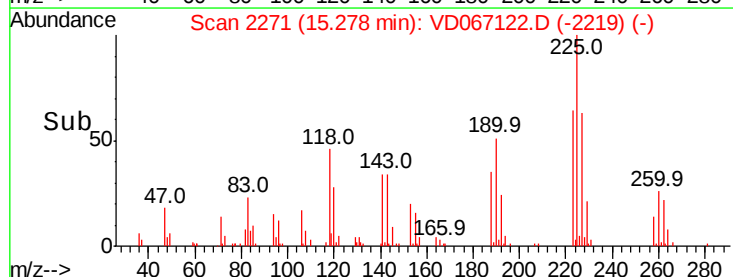
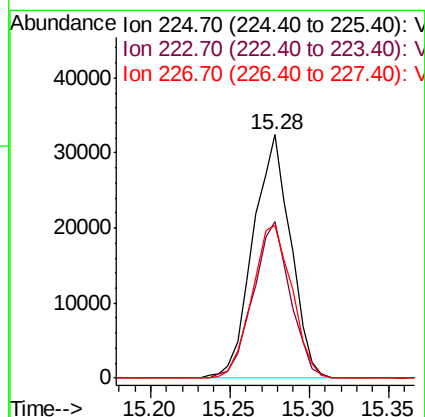
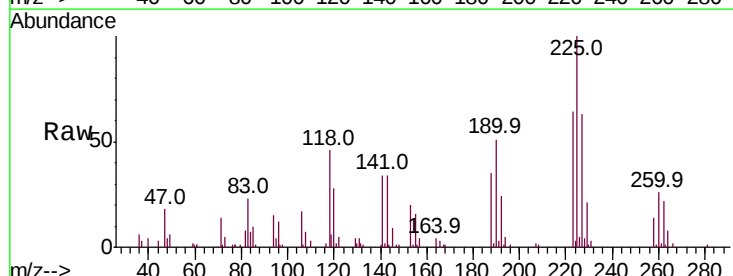
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

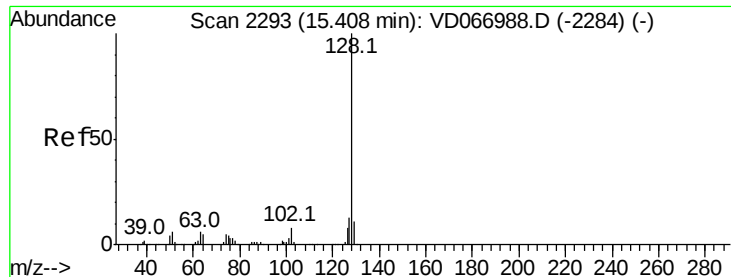
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	142.0
145	32.6	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 19.688 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067122.D
 Acq: 06 Oct 2020 23:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.4	97.0
227	66.3	31.6	95.0





#95

Naphthalene

Concen: 19.068 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

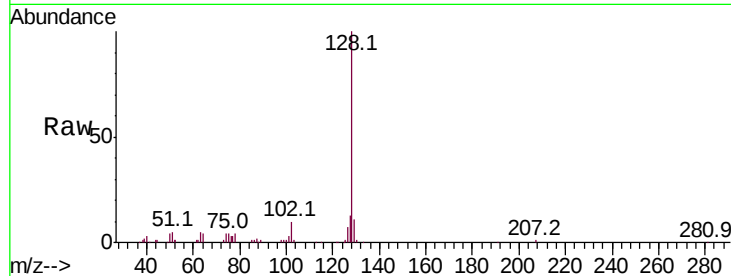
Tot Ion:128 Resp: 140959

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

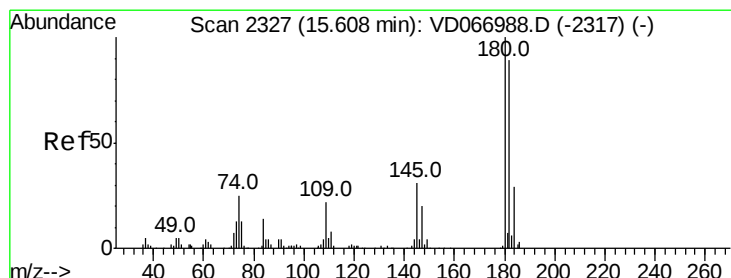
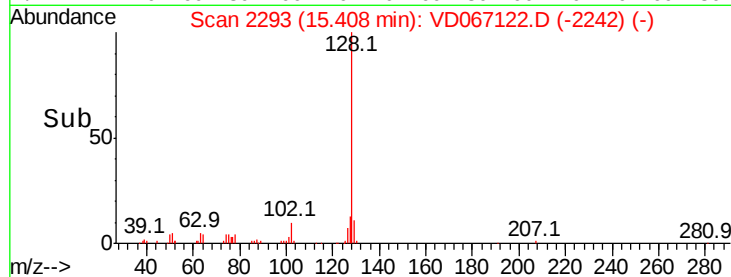
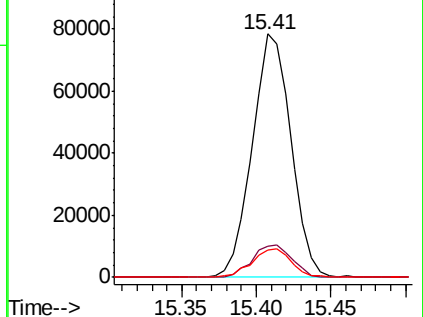
129 11.9 8.6 13.0



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: 20.093 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD067122.D

Acq: 06 Oct 2020 23:06

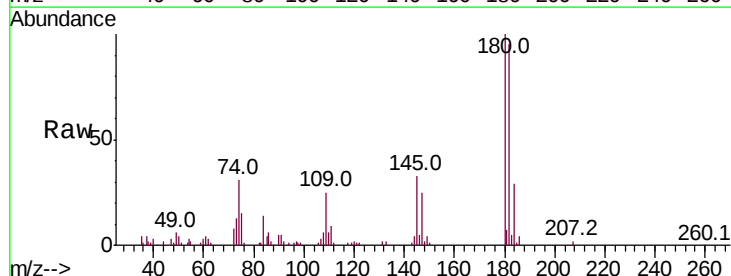
Tgt Ion:180 Resp: 77308

Ion Ratio Lower Upper

180 100

182 93.5 46.4 139.1

145 34.1 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

