

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067123.D
 Acq On : 06 Oct 2020 23:34
 Operator : VA/SY
 Sample : VD1006SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Quant Time: Oct 07 01:59:52 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	354503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	560840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	521532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259340	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	174088	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
35) Dibromofluoromethane	7.92	113	189096	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
50) Toluene-d8	10.34	98	678377	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.63	95	241140	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	73326	23.018	ug/l	93
3) Chloromethane	2.20	50	56647	20.065	ug/l	96
4) Vinyl Chloride	2.34	62	57052	20.154	ug/l	93
5) Bromomethane	2.76	94	45429	22.517	ug/l	86
6) Chloroethane	2.91	64	35696	20.706	ug/l	96
7) Trichlorofluoromethane	3.27	101	127815	20.322	ug/l	97
8) Diethyl Ether	3.71	74	32722	20.981	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	70751	19.903	ug/l	98
10) Methyl Iodide	4.30	142	72214	20.907	ug/l	98
11) Tert butyl alcohol	5.20	59	9952	1.418	ug/l #	72
12) 1,1-Dichloroethene	4.07	96	65723	19.667	ug/l	93
13) Acrolein	3.93	56	18980	83.013	ug/l	94
14) Allyl chloride	4.71	41	82051	18.900	ug/l	97
15) Acrylonitrile	5.42	53	56303	98.087	ug/l	99
16) Acetone	4.16	43	50700	97.269	ug/l	99
17) Carbon Disulfide	4.40	76	198359	19.341	ug/l	99
18) Methyl Acetate	4.71	43	27053	20.651	ug/l	90
19) Methyl tert-butyl Ether	5.48	73	131568	21.567	ug/l	97
20) Methylene Chloride	4.97	84	96083	21.886	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	79043	20.784	ug/l	97
22) Diisopropyl ether	6.36	45	160590	20.262	ug/l #	96
23) Vinyl Acetate	6.30	43	425277	94.692	ug/l	98
25) 2-Butanone	7.21	43	68841	93.156	ug/l	100
26) 2,2-Dichloropropane	7.21	77	108816	18.180	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	85609	21.077	ug/l	99
28) Bromochloromethane	7.55	49	43015	18.210	ug/l	90
29) Tetrahydrofuran	7.56	42	40464	95.229	ug/l	92
30) Chloroform	7.71	83	145555	21.937	ug/l	97
31) Cyclohexane	7.98	56	92109	17.962	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	130964	21.297	ug/l	97
36) 1,1-Dichloropropene	8.11	75	102890	19.682	ug/l	98
37) Ethyl Acetate	7.30	43	35253	19.466	ug/l	98
38) Carbon Tetrachloride	8.10	117	120129	21.238	ug/l	98
39) Methylcyclohexane	9.36	83	105148	19.025	ug/l	99

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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)
40) Benzene	8.35	78	298511	20.558	ug/l	99
41) Methacrylonitrile	7.52	41	18654	19.066	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	90360	22.271	ug/l	97
43) Isopropyl Acetate	8.45	43	64646	19.377	ug/l	96
44) Trichloroethene	9.11	130	92628	21.363	ug/l	97
45) 1,2-Dichloropropane	9.38	63	70908	20.784	ug/l	97
46) Dibromomethane	9.47	93	42239	21.541	ug/l	93
47) Bromodichloromethane	9.66	83	111128	21.802	ug/l	94
48) Methyl methacrylate	9.46	41	31361	18.348	ug/l #	77
49) 1,4-Dioxane	9.47	88	8335	407.279	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	163949	98.659	ug/l	99
52) Toluene	10.40	92	203560	21.763	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	96604	21.206	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	115911	20.837	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	59701	21.899	ug/l	95
56) Ethyl methacrylate	10.66	69	58350	20.731	ug/l	97
57) 1,3-Dichloropropane	10.95	76	92246	20.866	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	156491	99.894	ug/l	99
59) 2-Hexanone	10.98	43	109075	98.342	ug/l	98
60) Dibromochloromethane	11.14	129	82161	22.612	ug/l	96
61) 1,2-Dibromoethane	11.24	107	56564	21.597	ug/l	94
64) Tetrachloroethene	10.87	164	80365	21.196	ug/l	94
65) Chlorobenzene	11.67	112	228319	22.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	84603	21.442	ug/l	98
67) Ethyl Benzene	11.74	91	380725	21.422	ug/l	99
68) m/p-Xylenes	11.86	106	301210	43.489	ug/l	99
69) o-Xylene	12.18	106	134730	21.753	ug/l	95
70) Stvrene	12.20	104	236652	22.251	ug/l	98
71) Bromoform	12.36	173	46365	22.638	ug/l #	95
73) Isopropylbenzene	12.48	105	364422	20.695	ug/l	100
74) N-amyl acetate	12.29	43	59055	18.655	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	60863	20.514	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	78416	34.714	ug/l #	100
77) Bromobenzene	12.76	156	91937	21.622	ug/l	95
78) n-propylbenzene	12.82	91	428489	20.589	ug/l	99
79) 2-Chlorotoluene	12.91	91	249633	20.965	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	318742	21.424	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	16833	18.578	ug/l	96
82) 4-Chlorotoluene	13.01	91	264702	20.894	ug/l	100
83) tert-Butylbenzene	13.23	119	272126	21.720	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	321217	21.634	ug/l	98
85) sec-Butylbenzene	13.40	105	362425	20.541	ug/l	100
86) p-Isopropyltoluene	13.52	119	344428	21.056	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	174551	21.075	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	173145	20.908	ug/l	99
89) n-Butylbenzene	13.85	91	293338	19.622	ug/l	99
90) Hexachloroethane	14.12	117	57581	20.096	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	150607	20.822	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9365	19.581	ug/l	92
93) 1,2,4-Trichlorobenzene	15.17	180	98703	21.096	ug/l	98

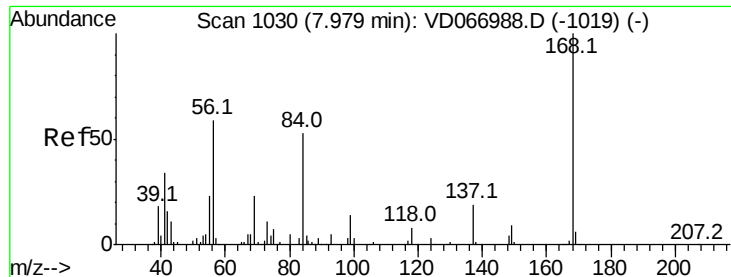
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100620\
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Operator : VA/SY
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.27	225	58993	20.531	ug/l	97
95) Naphthalene	15.41	128	160975	20.628	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	85956	21.164	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

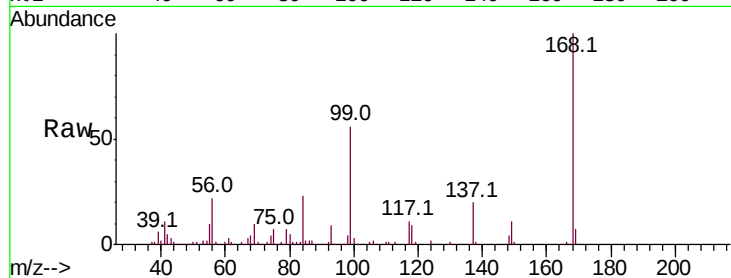
VD1006SBSD02

Tot Ion:168 Resp: 354503

Ion Ratio Lower Upper

168 100

99 56.3 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

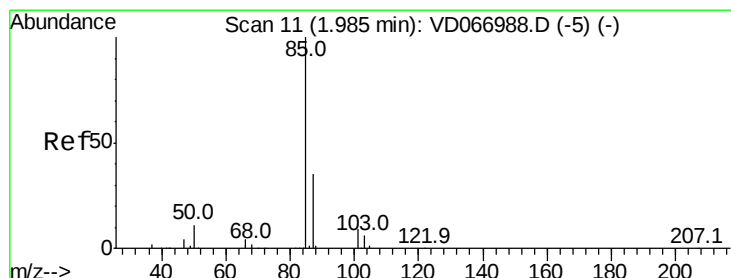
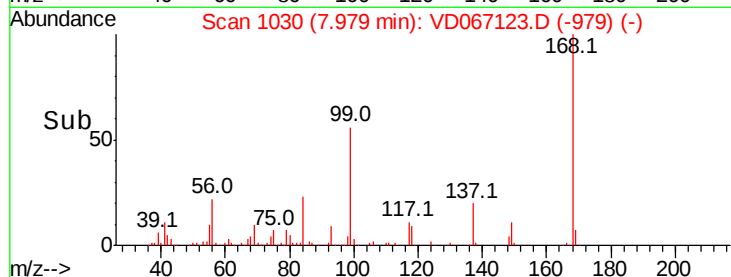
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.018 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067123.D

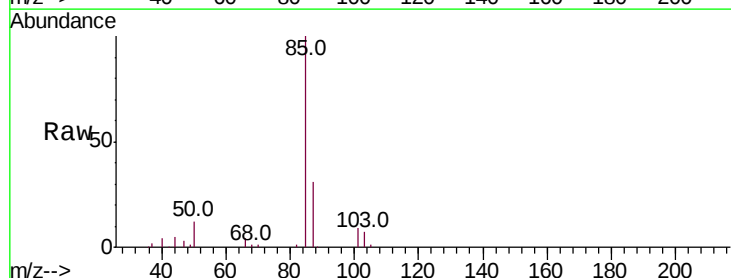
Acq: 06 Oct 2020 23:34

Tgt Ion: 85 Resp: 73326

Ion Ratio Lower Upper

85 100

87 30.9 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

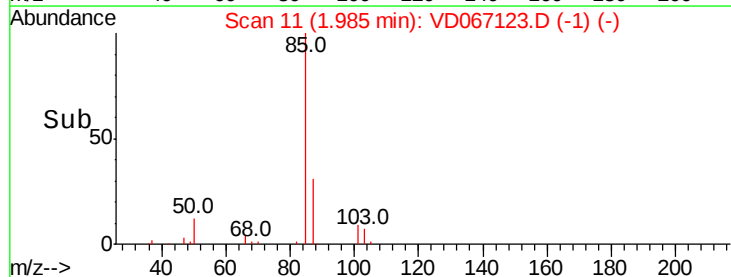
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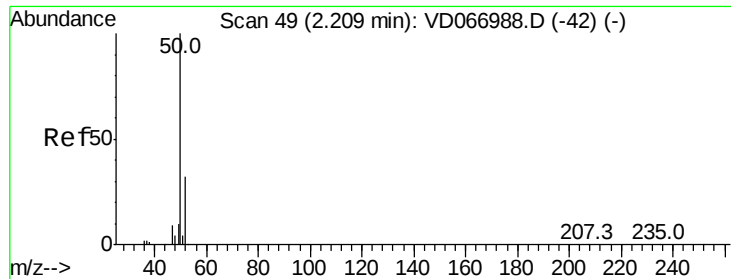
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0

1.95 2.00 2.05

Time-->

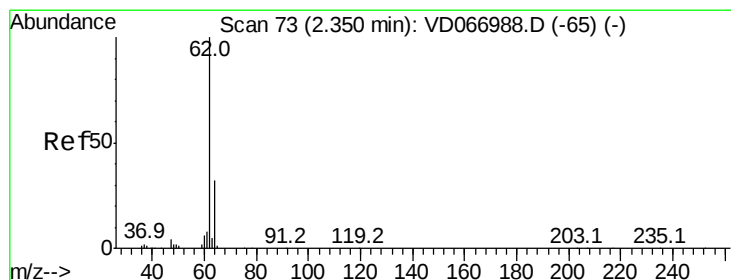
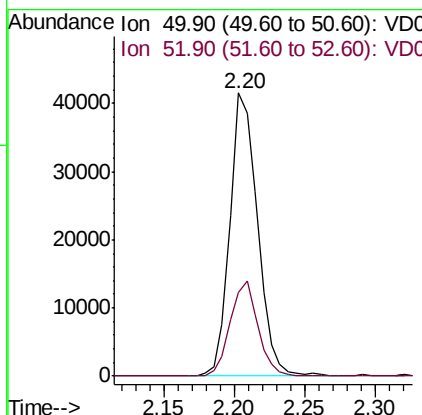
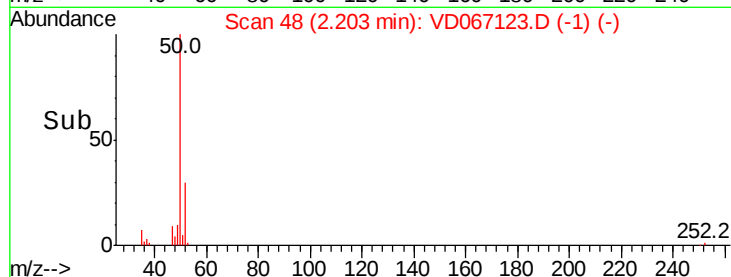
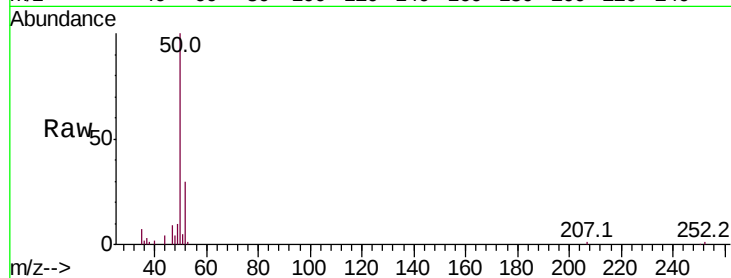




#3
Chloromethane
Concen: 20.065 ug/l
RT: 2.20 min Scan# 48
Delta R.T. -0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

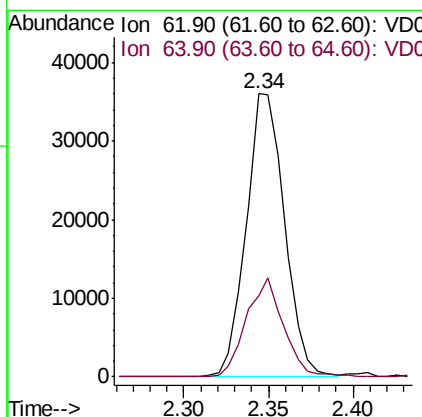
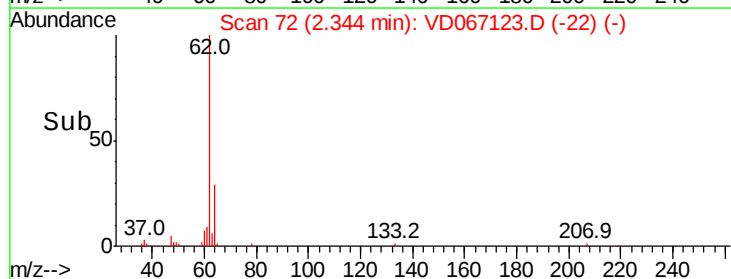
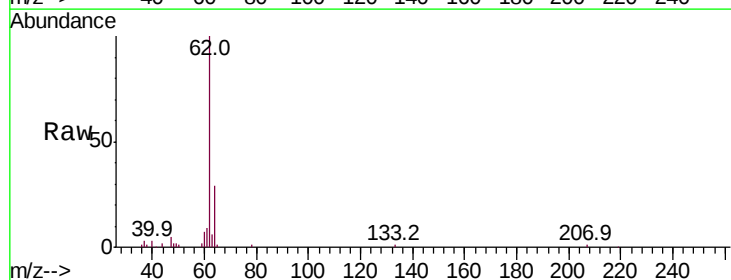
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD02

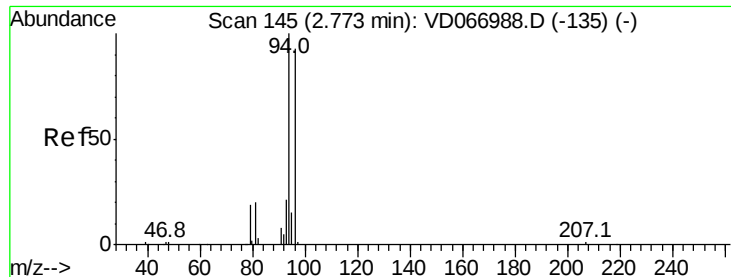
Tot Ion: 50 Resp: 56647
Ion Ratio Lower Upper
50 100
52 29.6 25.3 37.9



#4
Vinyl Chloride
Concen: 20.154 ug/l
RT: 2.34 min Scan# 72
Delta R.T. -0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 62 Resp: 57052
Ion Ratio Lower Upper
62 100
64 28.6 25.8 38.8





#5

Bromomethane

Concen: 22.517 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

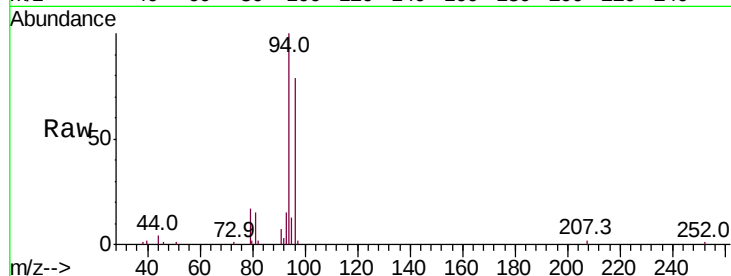
VD1006SBSD02

Tot Ion: 94 Resp: 45429

Ion Ratio Lower Upper

94 100

96 79.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

25000

20000

15000

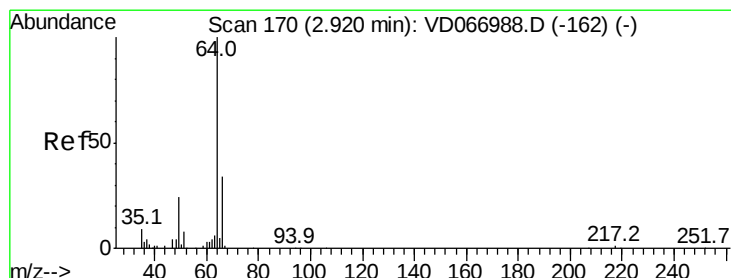
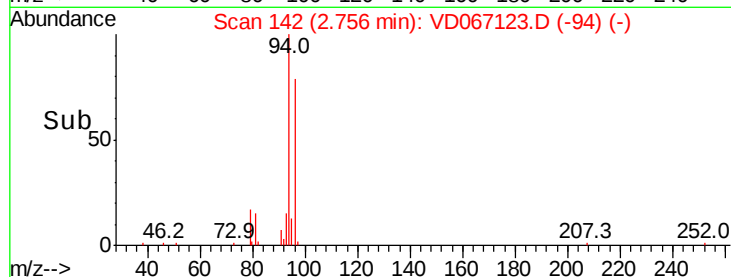
10000

5000

0

2.70 2.75 2.80 2.85

Time-->



#6

Chloroethane

Concen: 20.706 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD067123.D

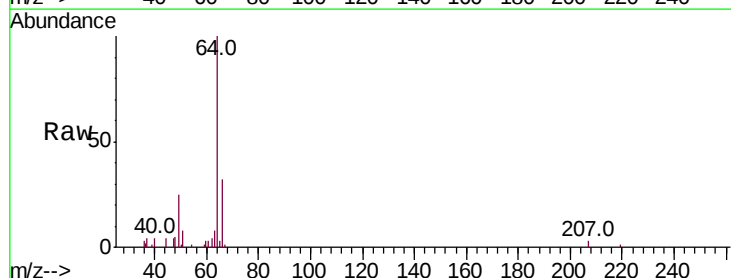
Acq: 06 Oct 2020 23:34

Tgt Ion: 64 Resp: 35696

Ion Ratio Lower Upper

64 100

66 31.8 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

20000

15000

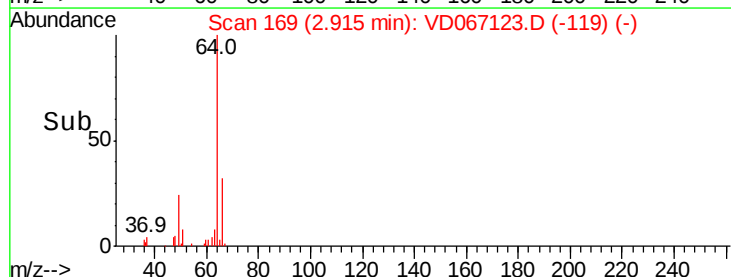
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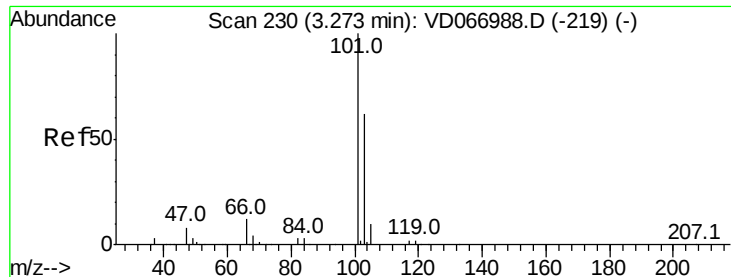
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0

2.85 2.90 2.95 3.00

Time-->



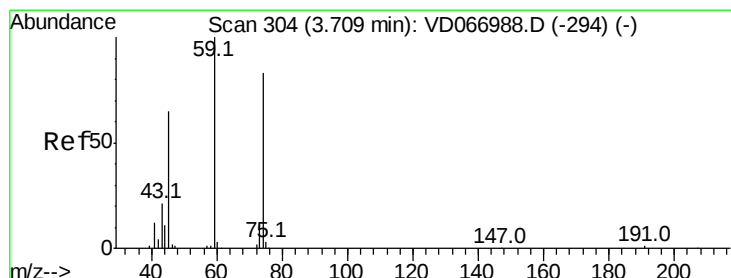
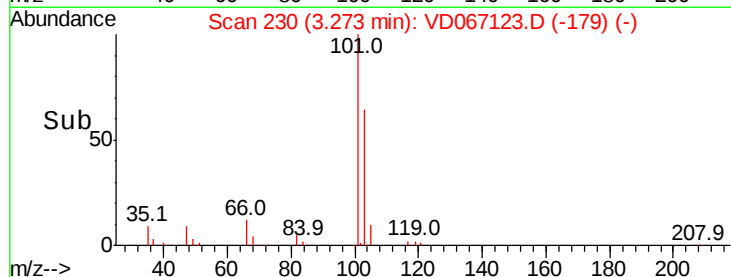
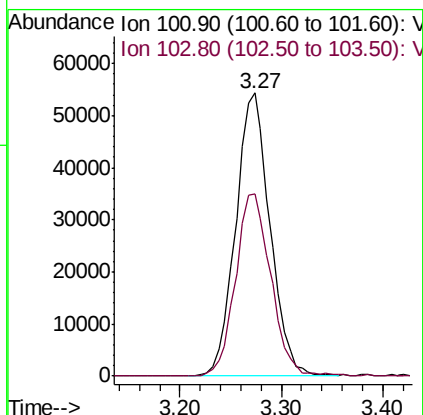
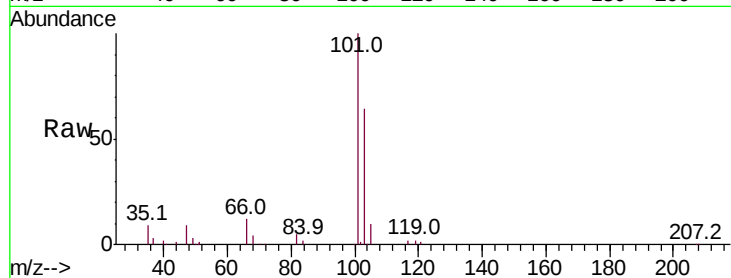


#7

Trichlorofluoromethane
 Concen: 20.322 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Instrument :
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 VD1006SBSD02

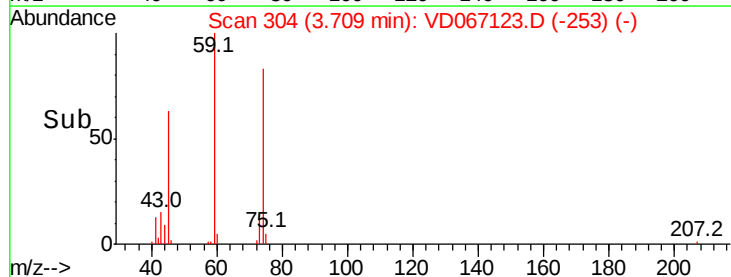
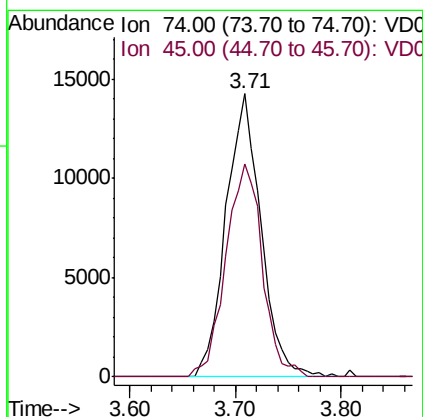
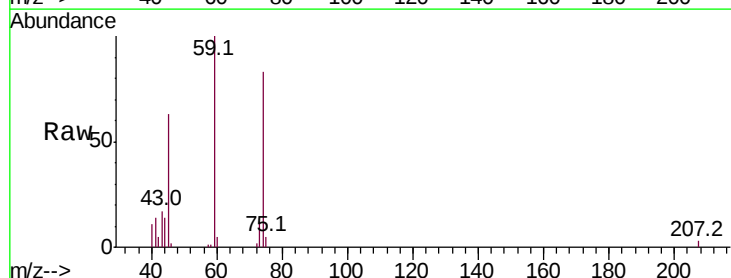
Tot Ion:101 Resp: 127815
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.8 74.8

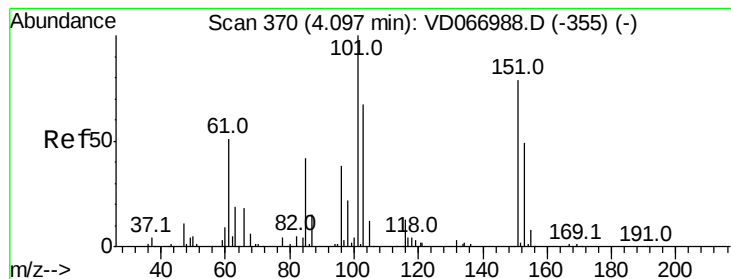


#8

Diethyl Ether
 Concen: 20.981 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion: 74 Resp: 32722
 Ion Ratio Lower Upper
 74 100
 45 78.1 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.903 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD02

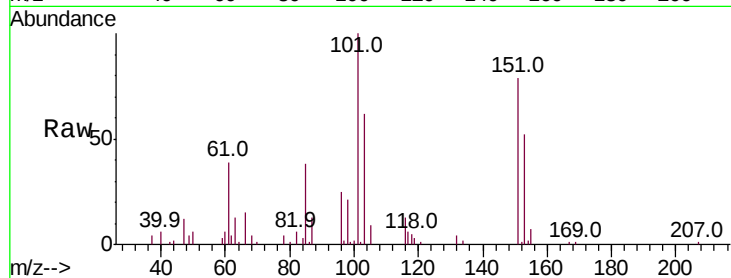
Tot Ion:101 Resp: 70751

Ion Ratio Lower Upper

101 100

85 42.0 33.8 50.8

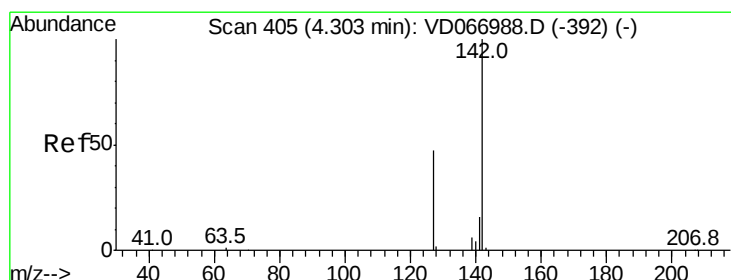
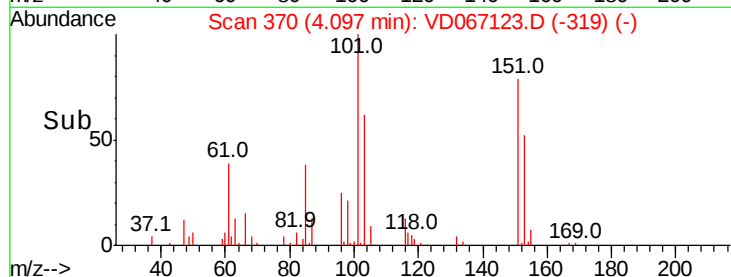
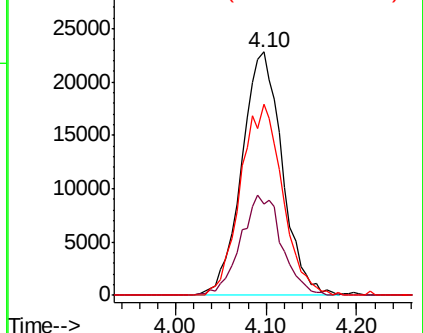
151 81.6 63.8 95.8



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: 20.907 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

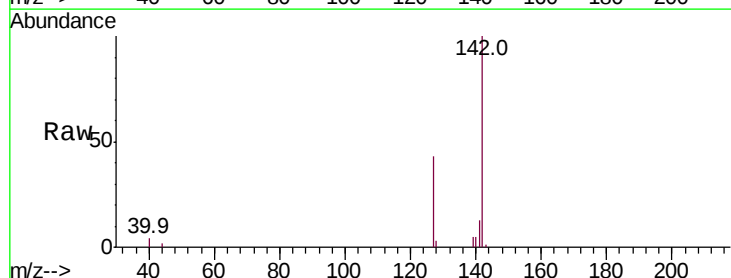
Tgt Ion:142 Resp: 72214

Ion Ratio Lower Upper

142 100

127 46.6 36.3 54.5

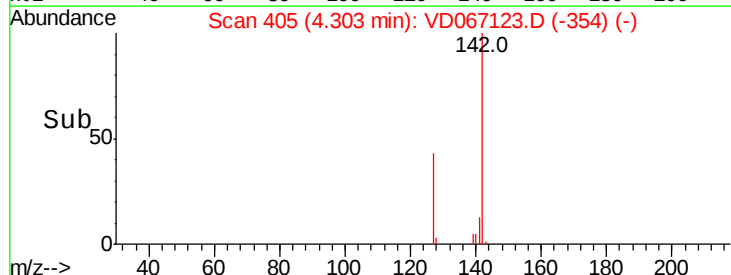
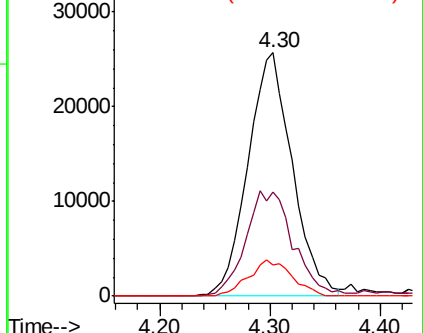
141 14.5 12.0 18.0

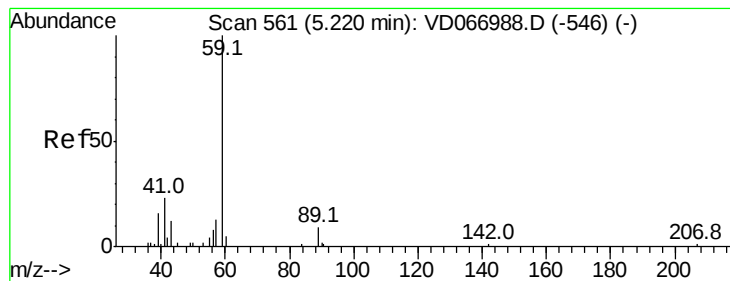


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



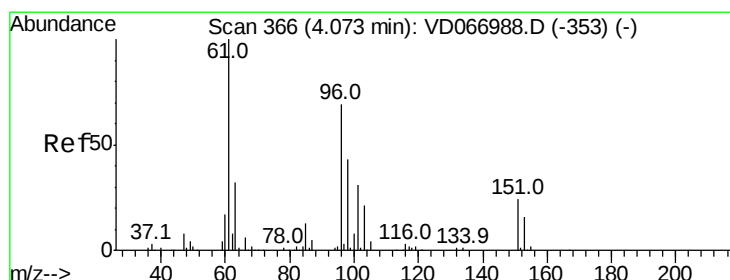
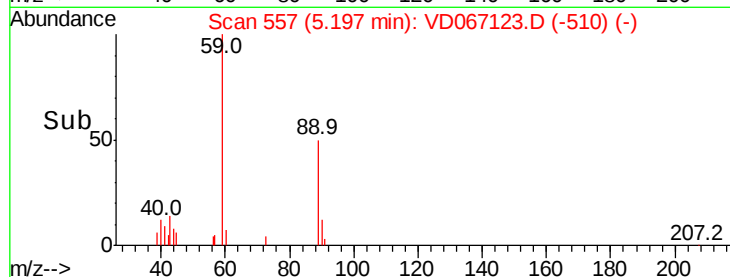
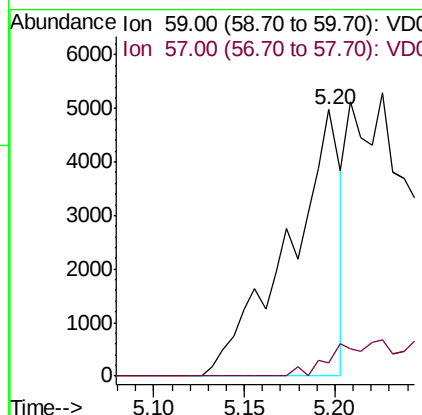
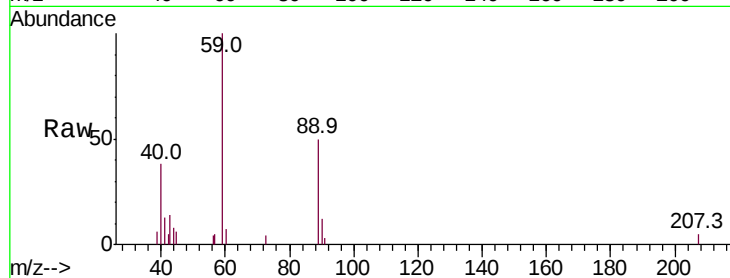


#11

Tert butyl alcohol
Concen: 1.418 ug/l
RT: 5.20 min Scan# 557
Delta R.T. -0.02 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD02

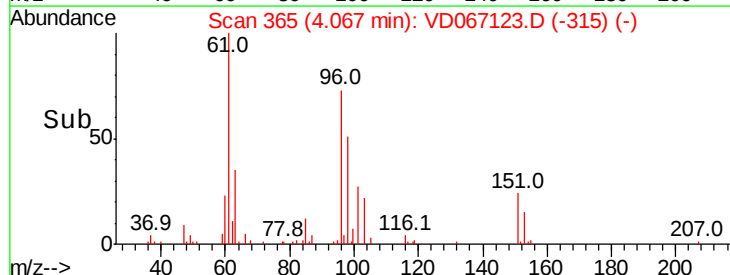
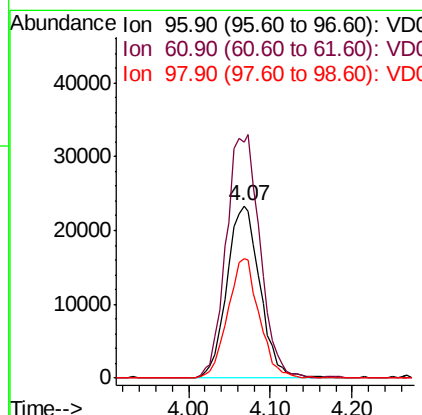
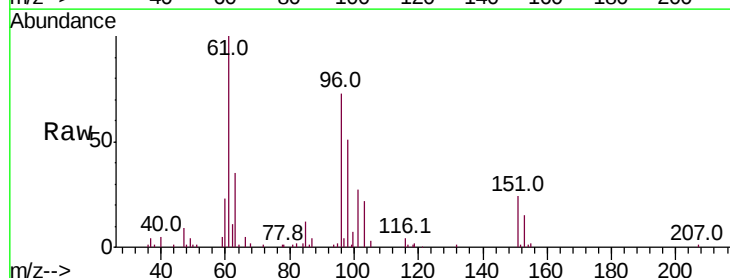
Tot Ion: 59 Resp: 9952
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

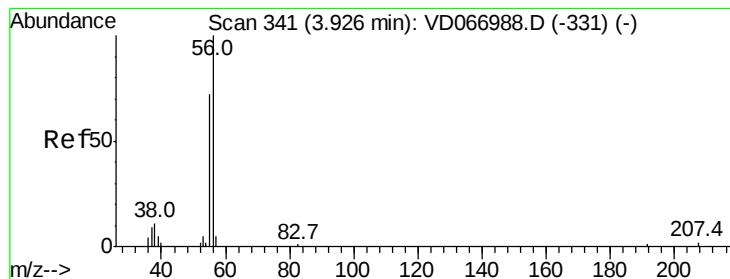


#12

1,1-Dichloroethene
Concen: 19.667 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 96 Resp: 65723
Ion Ratio Lower Upper
96 100
61 137.4 116.4 174.6
98 69.6 49.9 74.9





#13

Acrolein

Concen: 83.013 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

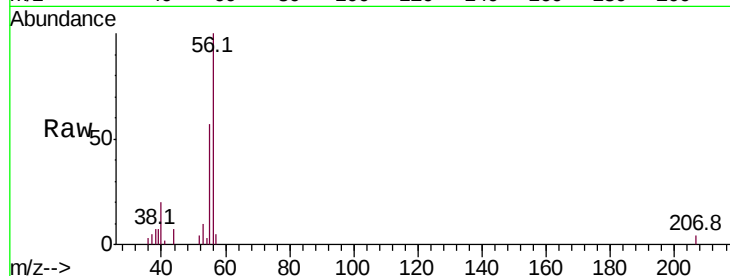
VD1006SBSD02

Tot Ion: 56 Resp: 18980

Ion Ratio Lower Upper

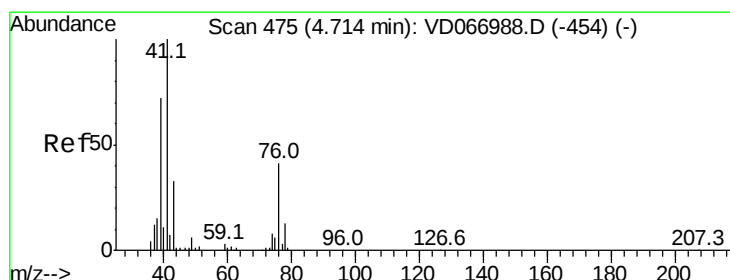
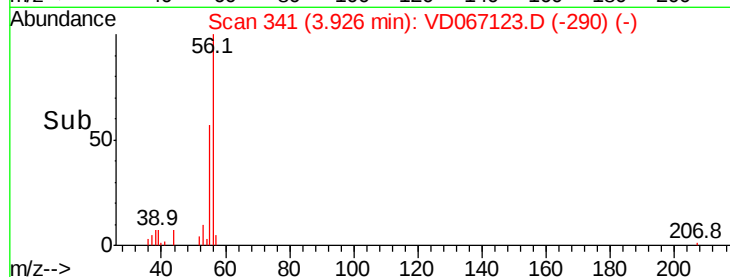
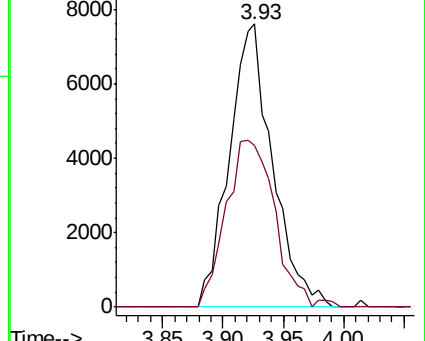
56 100

55 66.3 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: 18.900 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

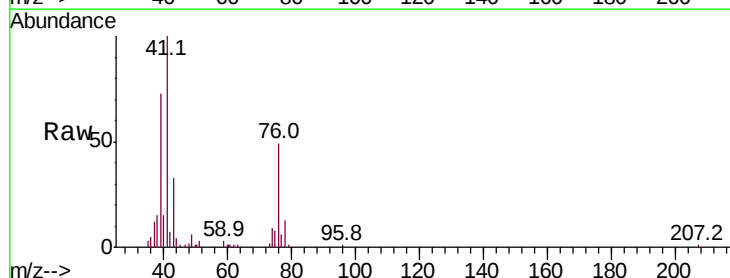
Tgt Ion: 41 Resp: 82051

Ion Ratio Lower Upper

41 100

39 71.0 56.2 84.2

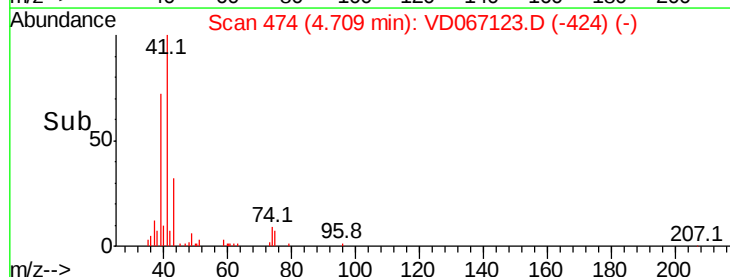
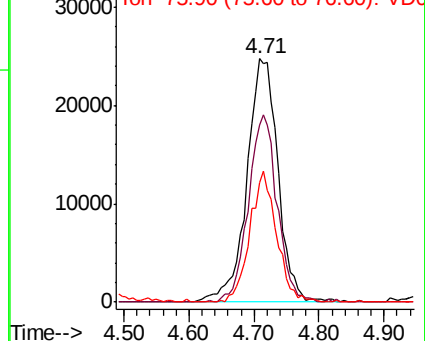
76 46.4 34.2 51.2

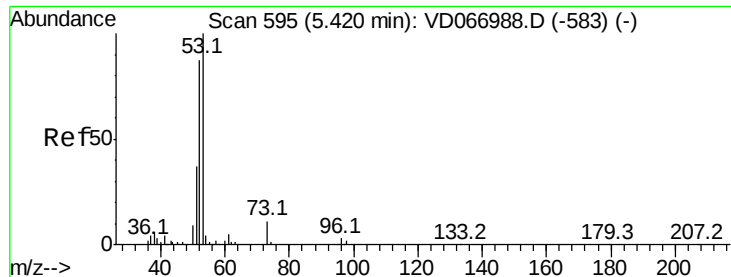


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 98.087 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD02

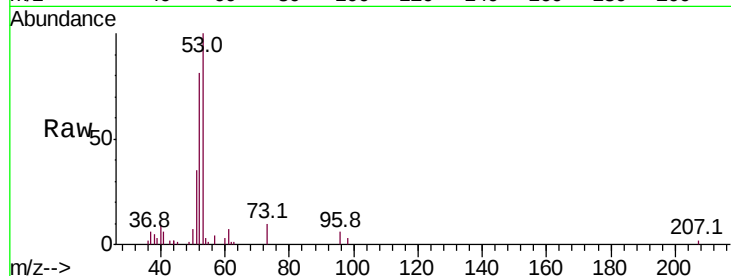
Tot Ion: 53 Resp: 56303

Ion Ratio Lower Upper

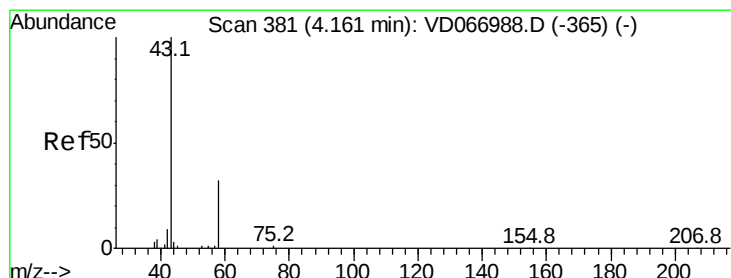
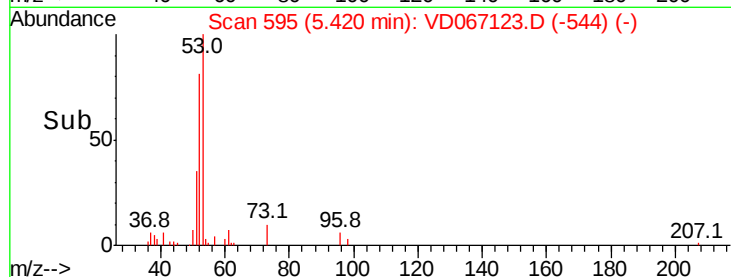
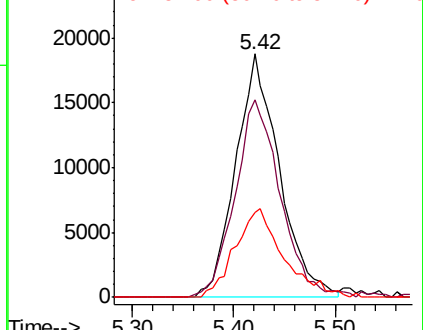
53 100

52 84.3 67.3 100.9

51 40.2 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: 97.269 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067123.D

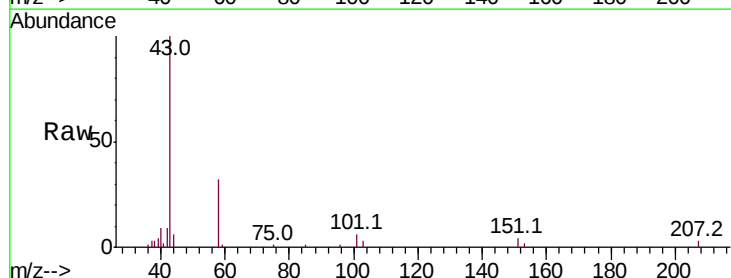
Acq: 06 Oct 2020 23:34

Tgt Ion: 43 Resp: 50700

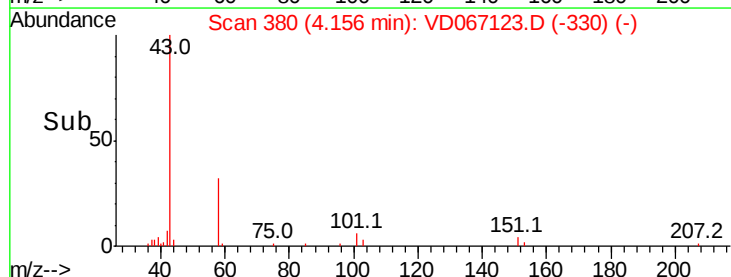
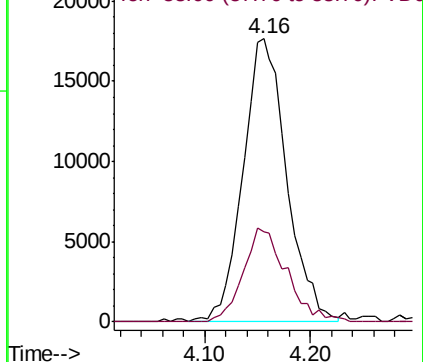
Ion Ratio Lower Upper

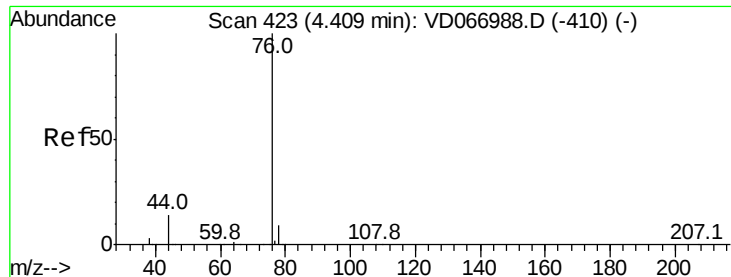
43 100

58 31.6 25.9 38.9



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

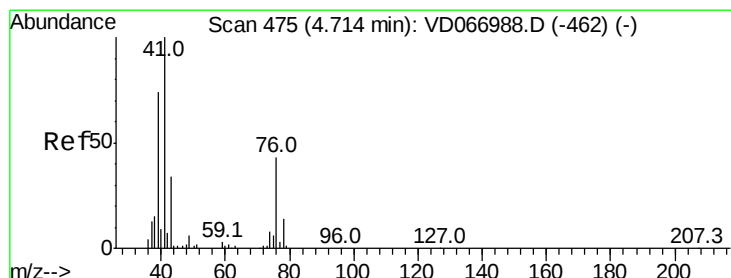
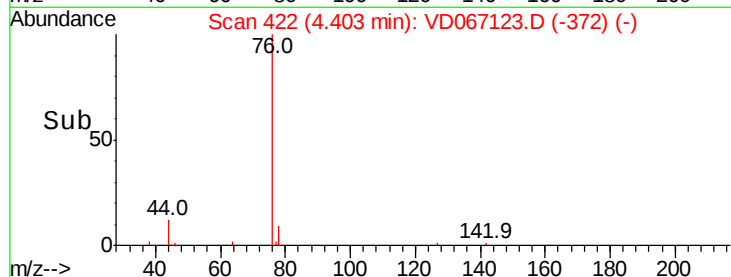
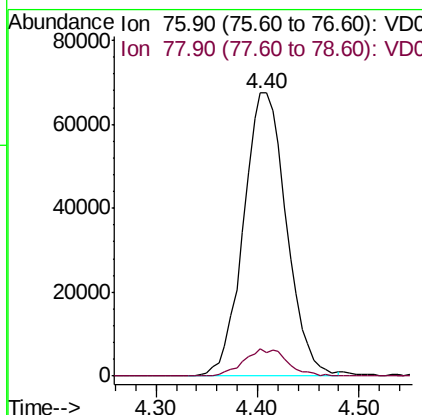
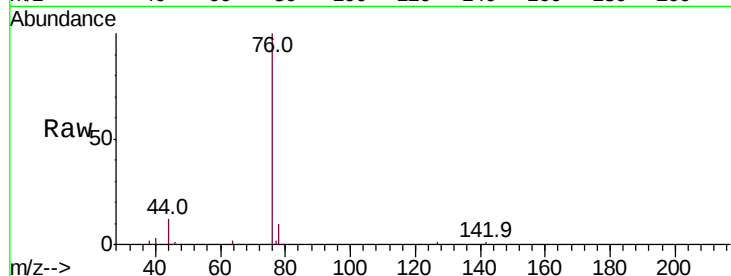




#17
Carbon Disulfide
Concen: 19.341 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

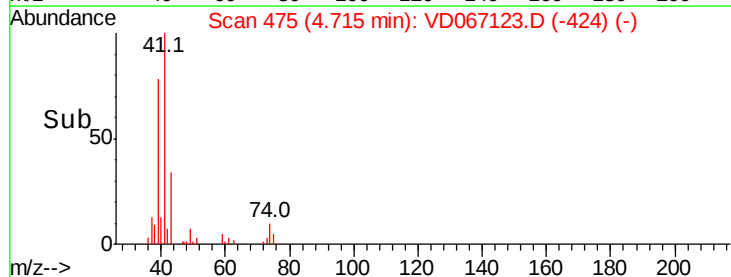
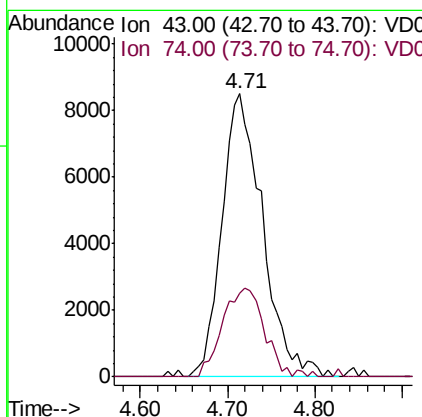
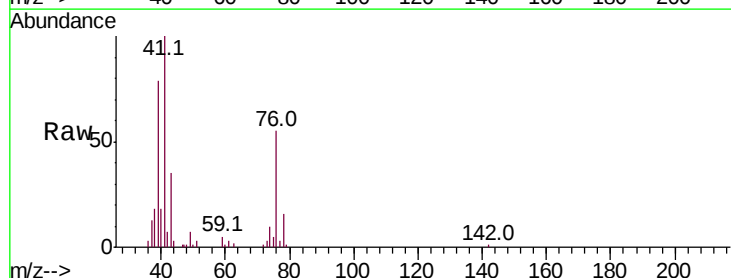
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD02

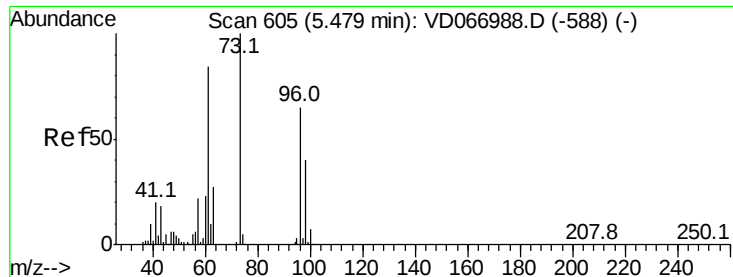
Tot Ion: 76 Resp: 198359
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 20.651 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 43 Resp: 27053
Ion Ratio Lower Upper
43 100
74 31.9 21.5 32.3



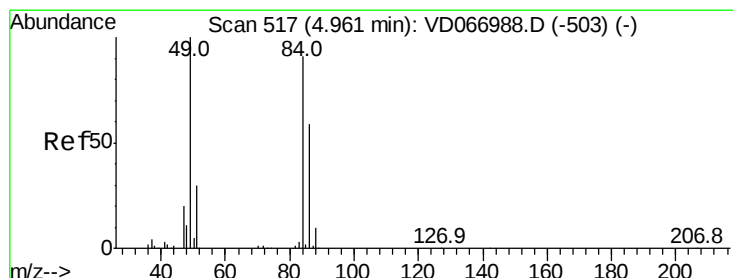
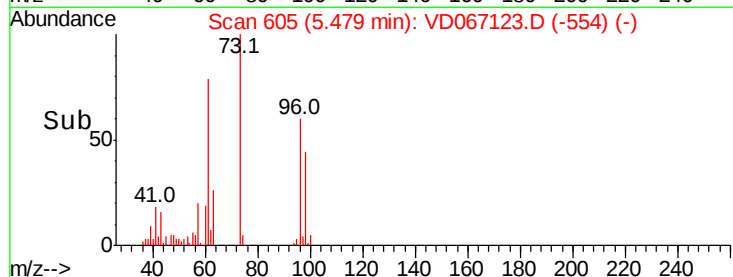
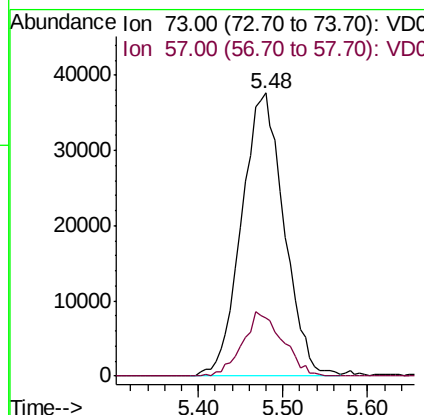
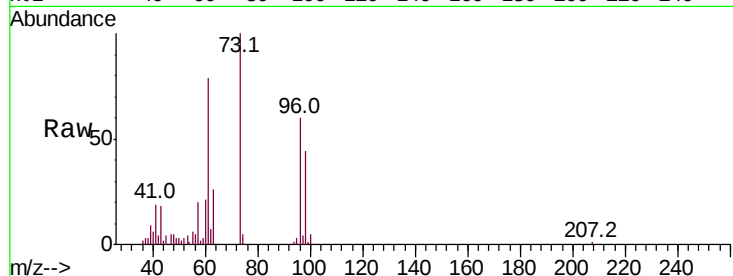


#19

Methyl tert-butyl Ether
 Concen: 21.567 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

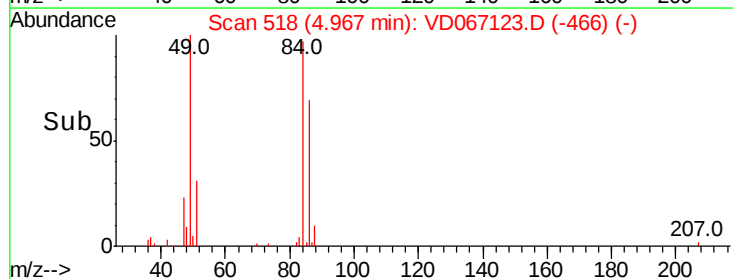
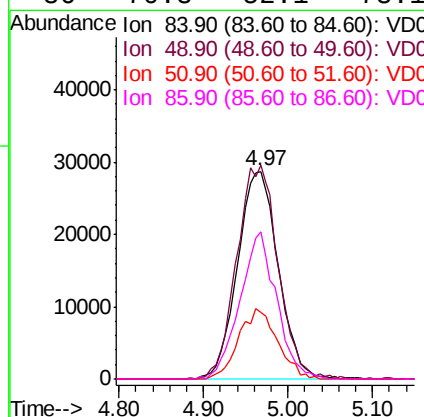
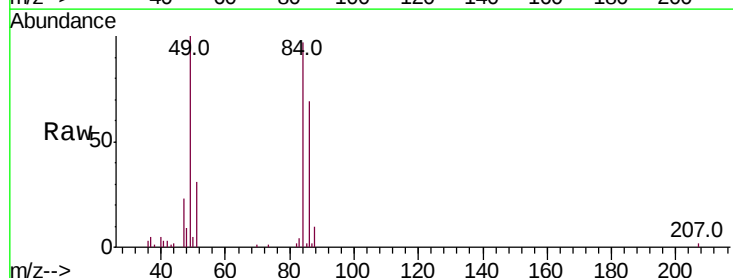
Tot Ion: 73 Resp: 131568
 Ion Ratio Lower Upper
 73 100
 57 20.5 17.4 26.0

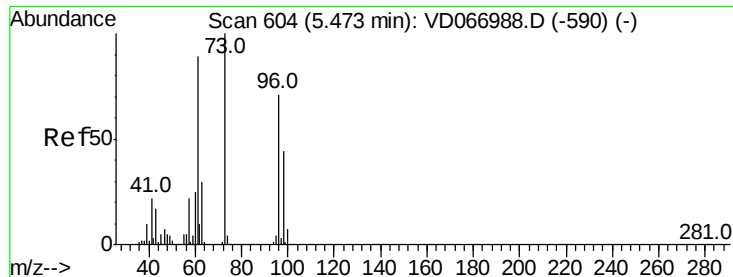


#20

Methylene Chloride
 Concen: 21.886 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion: 84 Resp: 96083
 Ion Ratio Lower Upper
 84 100
 49 102.2 88.2 132.2
 51 32.3 26.6 39.8
 86 70.8 52.1 78.1

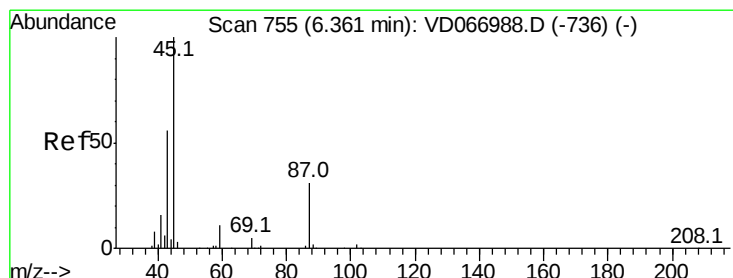
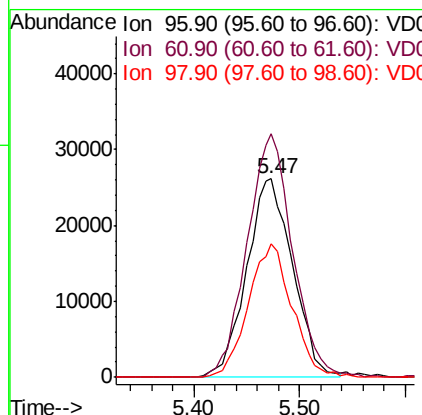
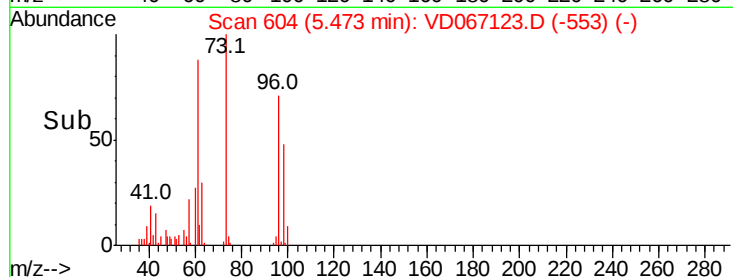
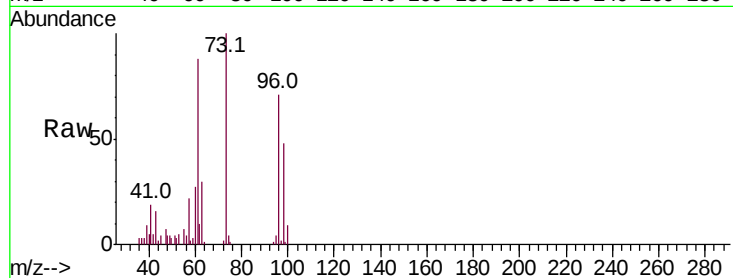




#21
trans-1,2-Dichloroethene
Concen: 20.784 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

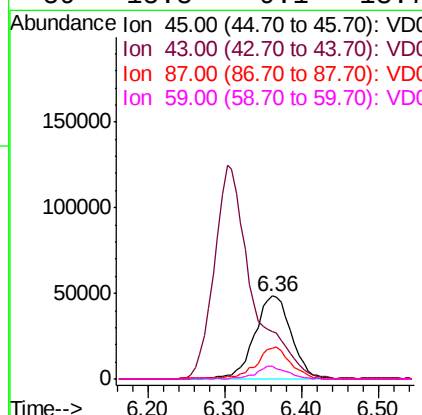
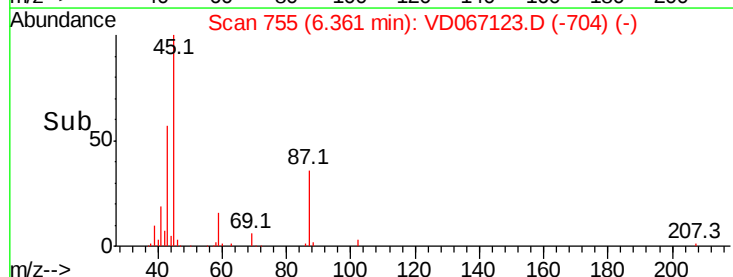
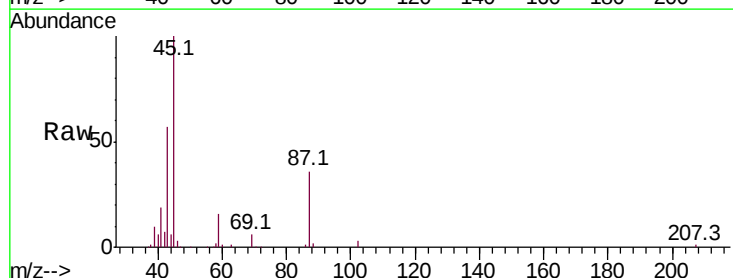
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD02

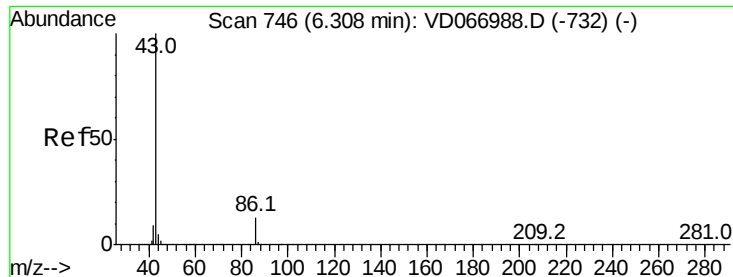
Tot Ion: 96 Resp: 79043
Ion Ratio Lower Upper
96 100
61 122.7 99.6 149.4
98 67.0 49.4 74.2



#22
Diisopropyl ether
Concen: 20.262 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 45 Resp: 160590
Ion Ratio Lower Upper
45 100
43 56.1 45.2 67.8
87 36.2 25.6 38.4
59 15.8 9.1 13.7#





#23

Vinyl Acetate

Concen: 94.692 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

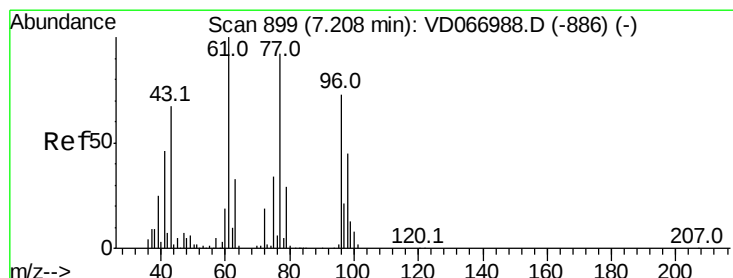
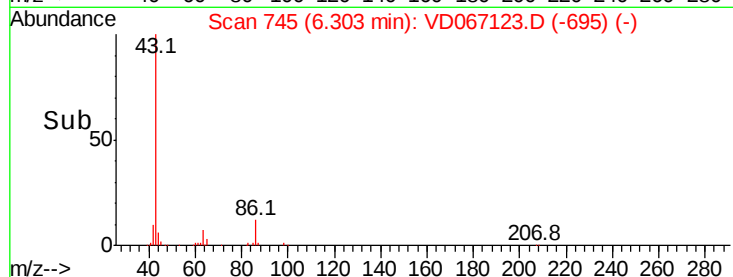
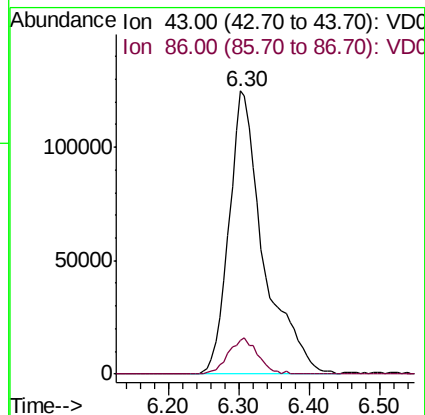
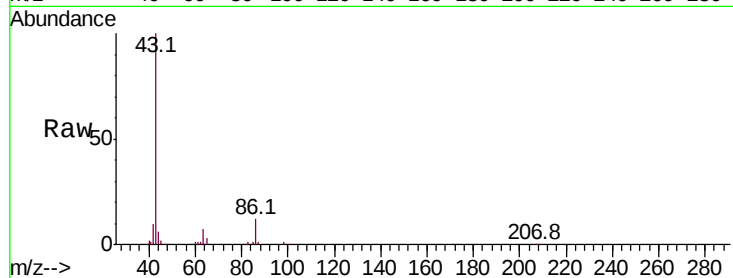
VD1006SBS02

Tot Ion: 43 Resp: 425277

Ion Ratio Lower Upper

43 100

86 11.8 10.2 15.2



#25

2-Butanone

Concen: 93.156 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067123.D

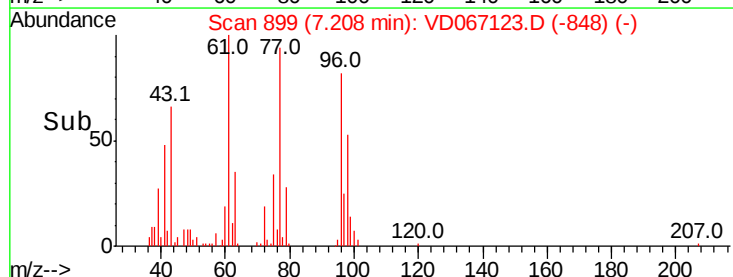
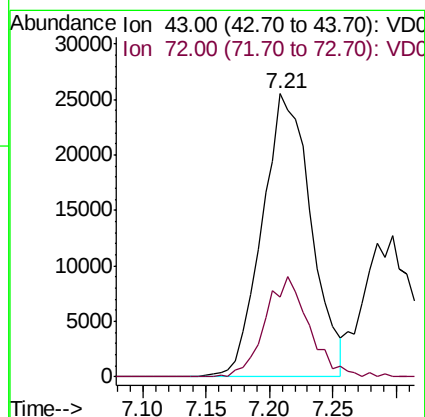
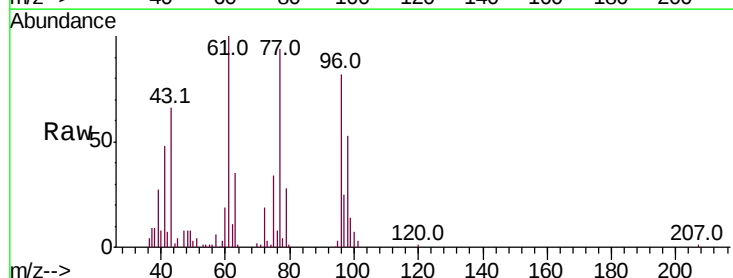
Acq: 06 Oct 2020 23:34

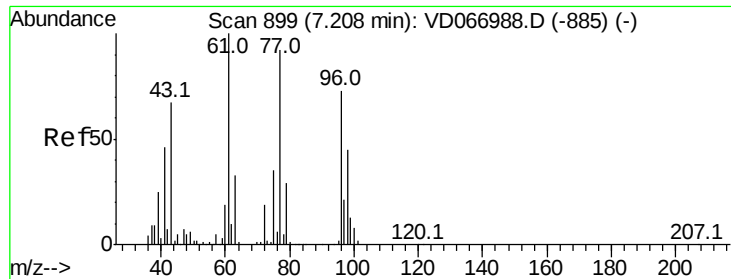
Tgt Ion: 43 Resp: 68841

Ion Ratio Lower Upper

43 100

72 28.4 22.8 34.2

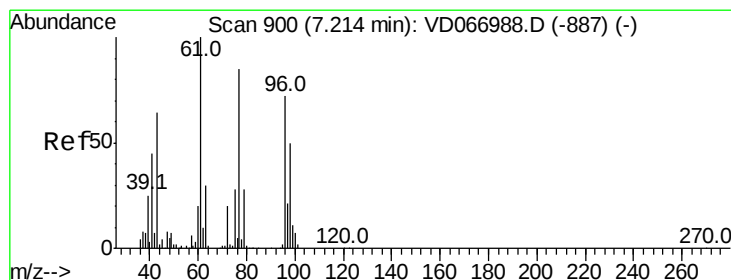
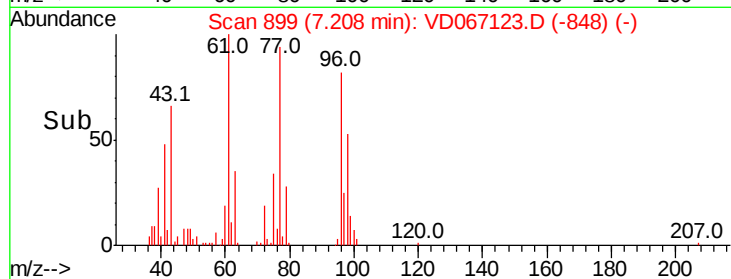
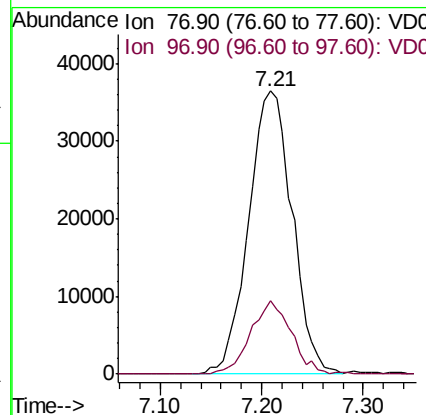
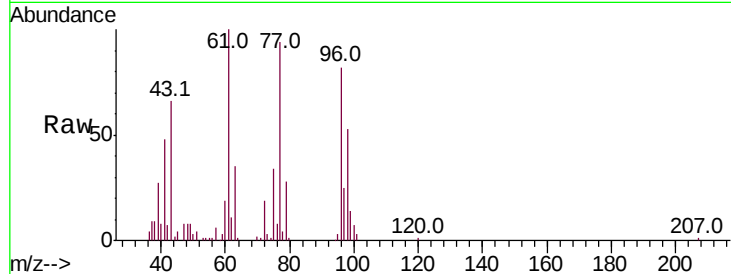




#26
 2,2-Dichloropropane
 Concen: 18.180 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

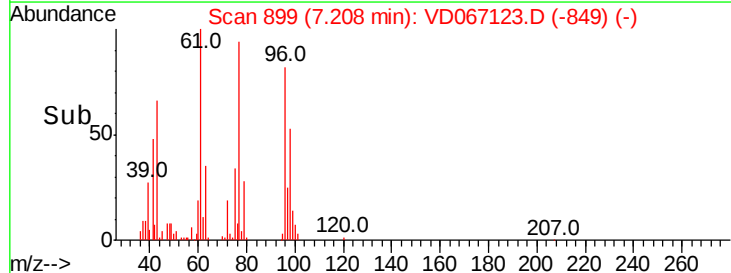
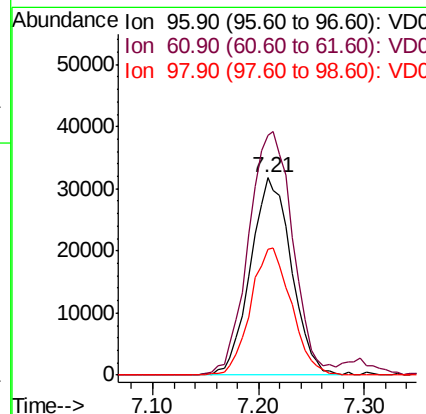
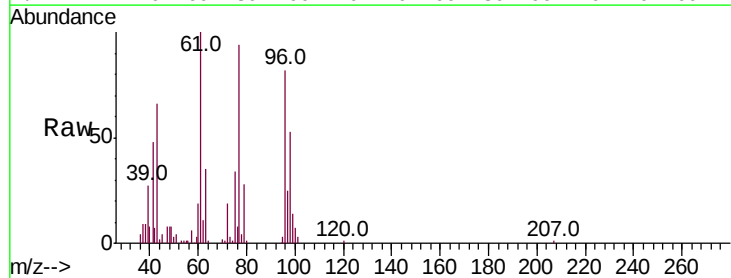
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBSD02

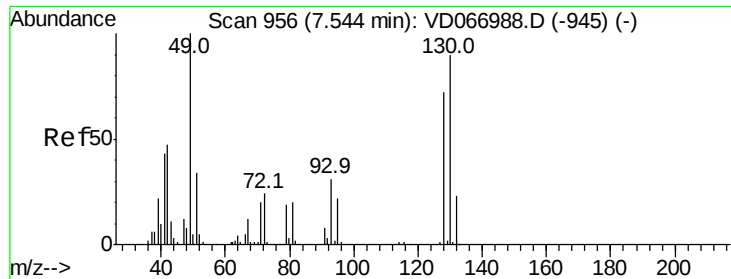
Tot Ion: 77 Resp: 108816
 Ion Ratio Lower Upper
 77 100
 97 24.0 11.4 34.2



#27
 cis-1,2-Dichloroethene
 Concen: 21.077 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion: 96 Resp: 85609
 Ion Ratio Lower Upper
 96 100
 61 133.2 0.0 269.2
 98 63.8 0.0 129.4

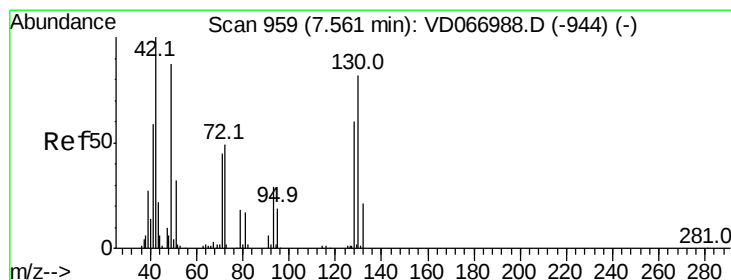
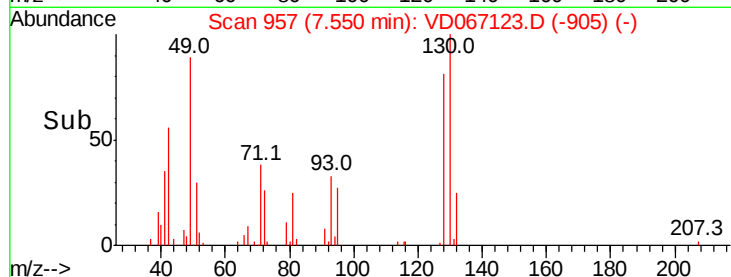
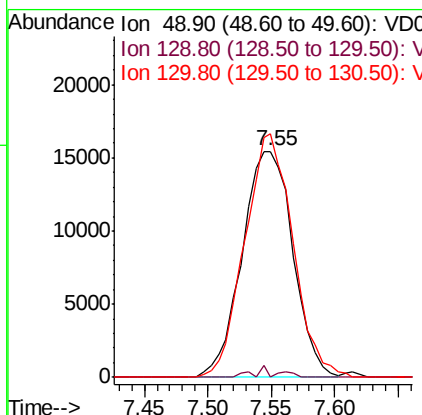
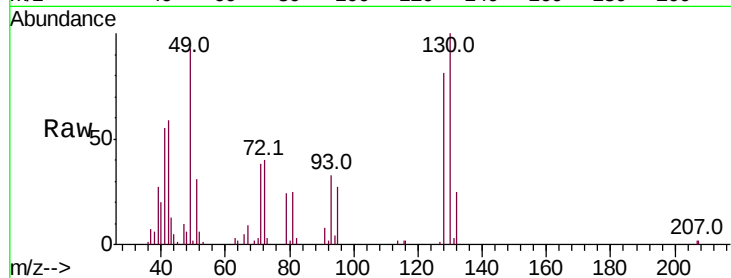




#28
Bromochloromethane
Concen: 18.210 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

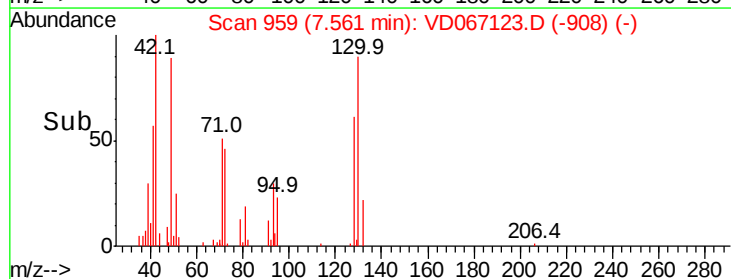
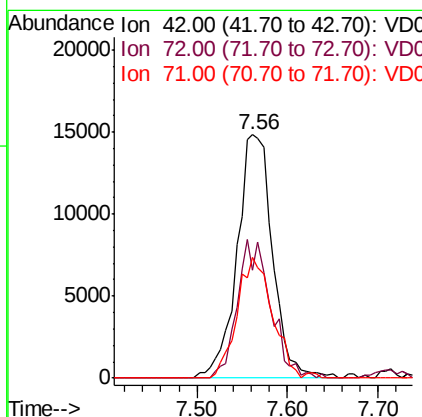
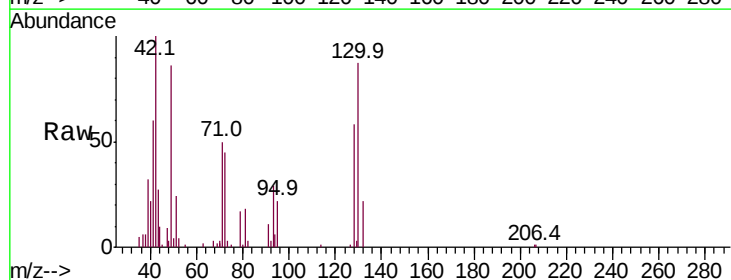
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD02

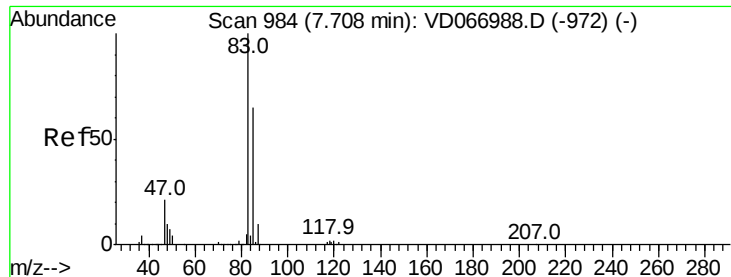
Tot Ion: 49 Resp: 43015
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.6
130 102.3 74.1 111.1



#29
Tetrahydrofuran
Concen: 95.229 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 42 Resp: 40464
Ion Ratio Lower Upper
42 100
72 53.1 39.1 58.7
71 48.8 34.2 51.4

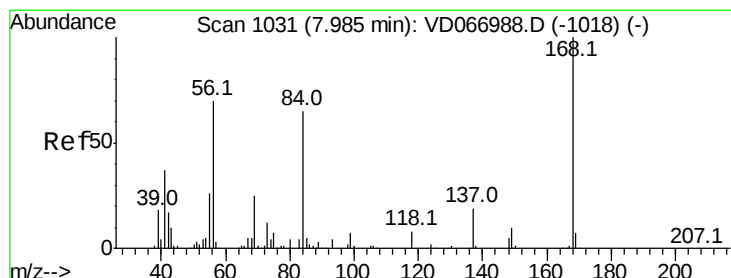
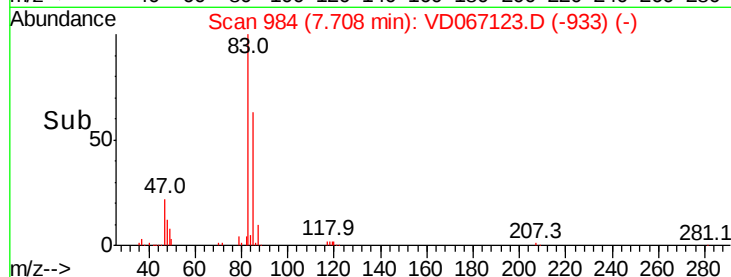
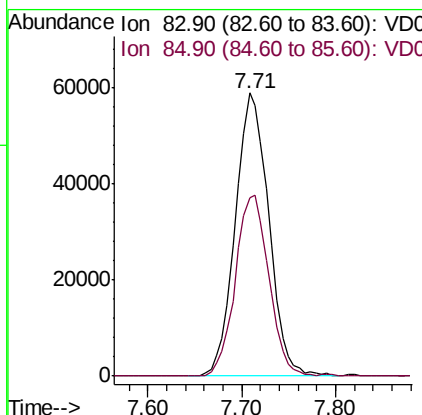
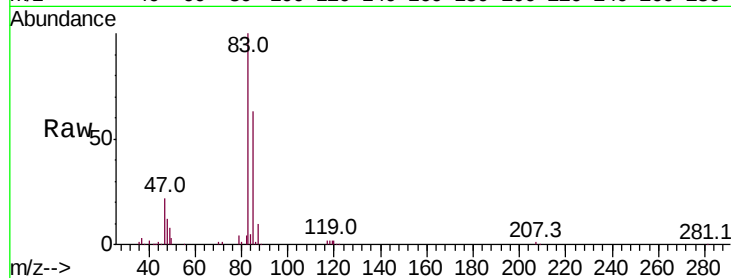




#30
Chloroform
Concen: 21.937 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

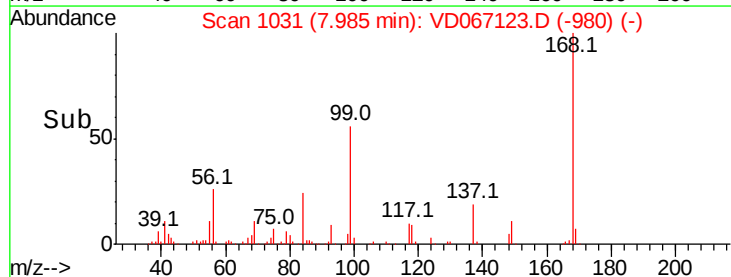
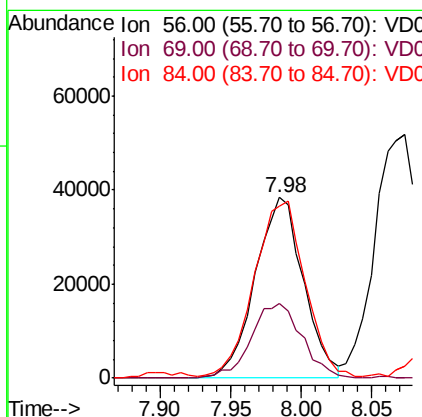
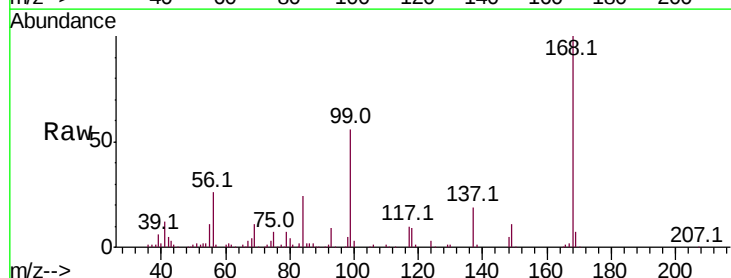
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD02

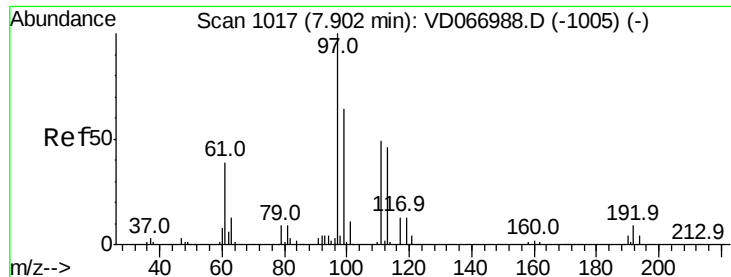
Tot Ion: 83 Resp: 145555
Ion Ratio Lower Upper
83 100
85 63.1 52.3 78.5



#31
Cyclohexane
Concen: 17.962 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 56 Resp: 92109
Ion Ratio Lower Upper
56 100
69 41.3 29.0 43.6
84 93.4 74.2 111.2

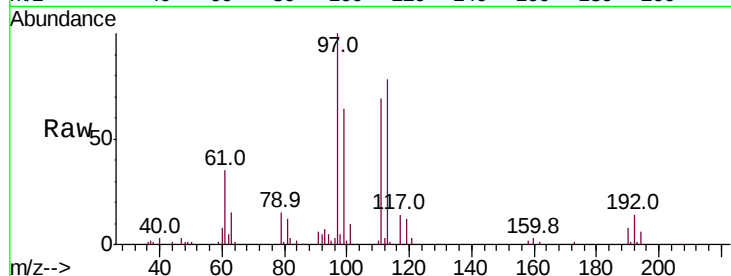




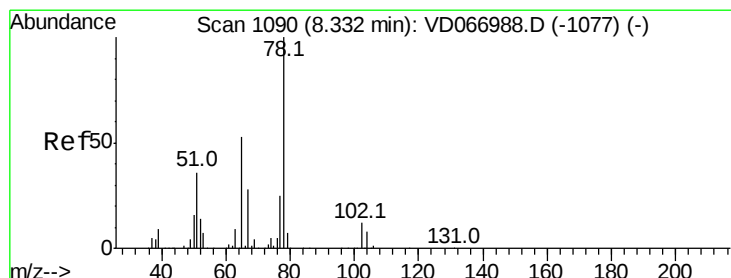
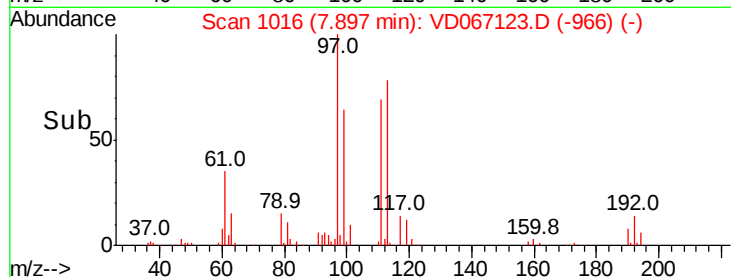
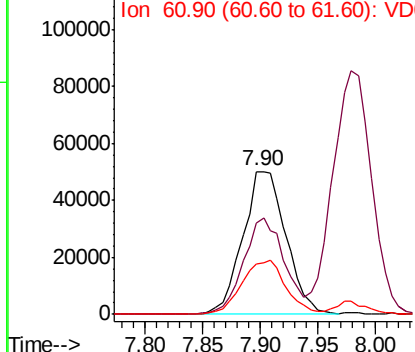
#32
 1,1,1-Trichloroethane
 Concen: 21.297 ug/l
 RT: 7.90 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBSD02

Tot Ion: 97 Resp: 130964
 Ion Ratio Lower Upper
 97 100
 99 63.9 52.6 78.8
 61 38.9 32.8 49.2

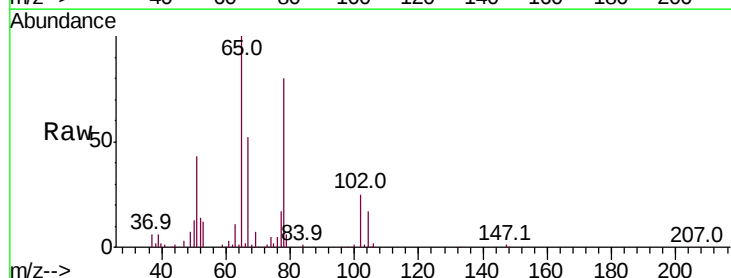


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC

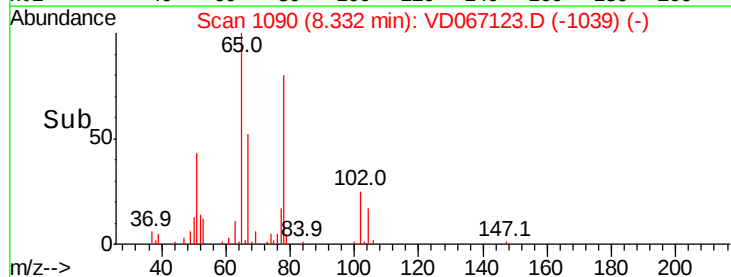
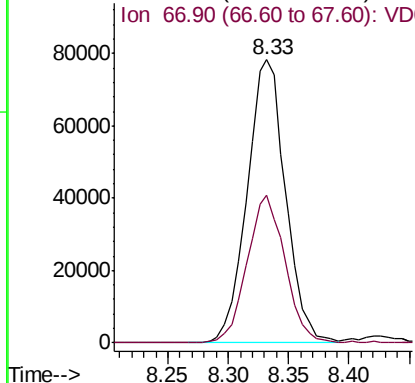


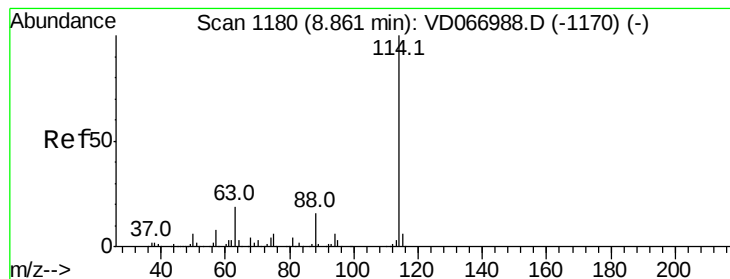
#33
 1,2-Dichloroethane-d4
 Concen: 50.984 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion: 65 Resp: 174088
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
 Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD02

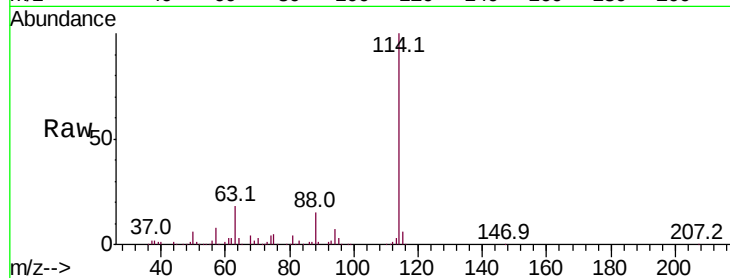
Tot Ion:114 Resp: 560840

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

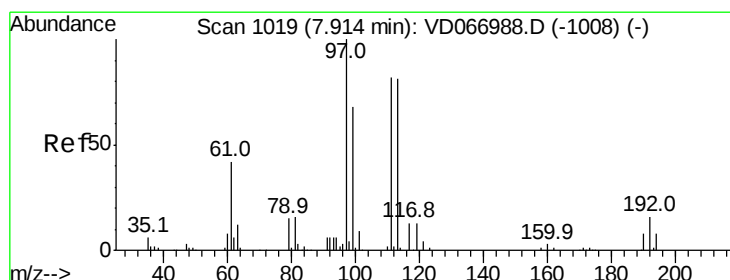
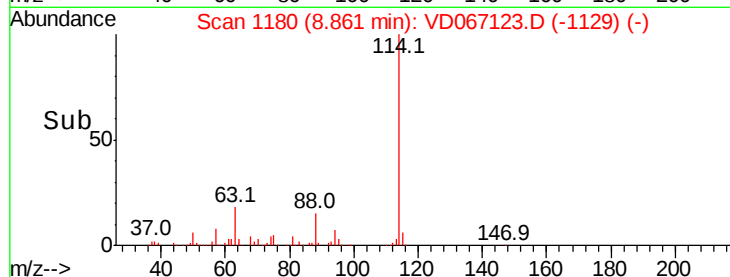
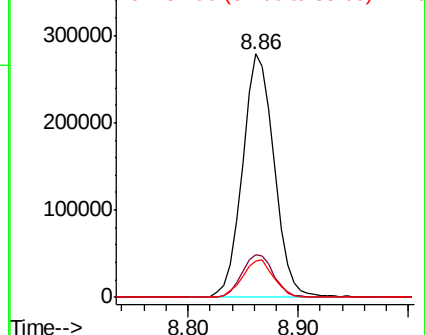
88 14.9 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 51.501 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

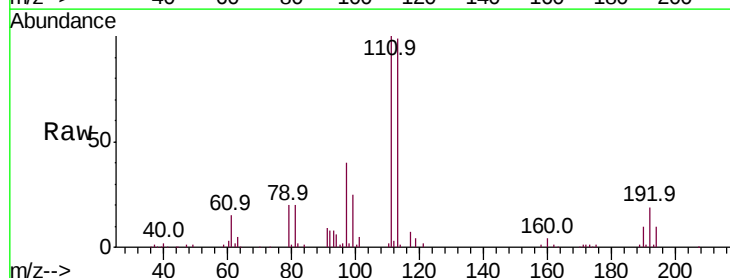
Tgt Ion:113 Resp: 189096

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

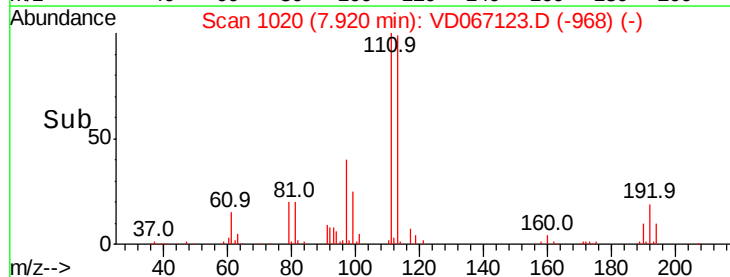
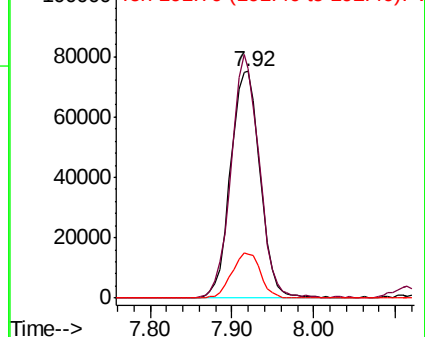
192 19.3 15.5 23.3

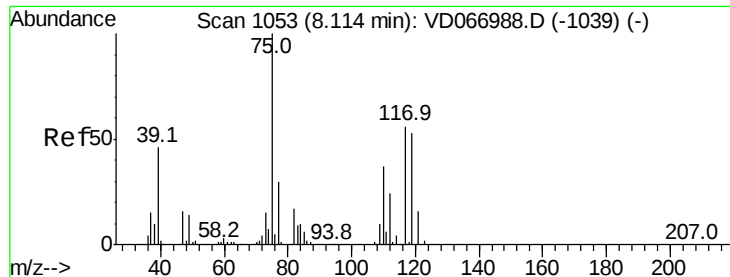


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 19.682 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD02

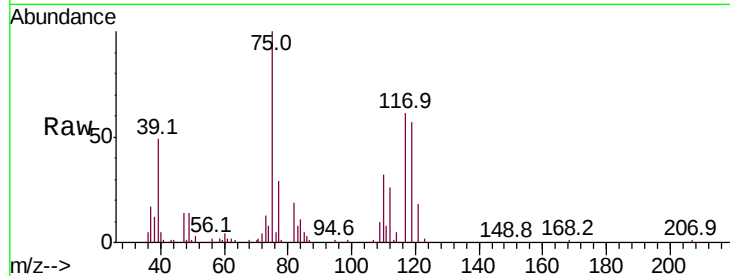
Tot Ion: 75 Resp: 102890

Ion Ratio Lower Upper

75 100

110 38.0 18.4 55.0

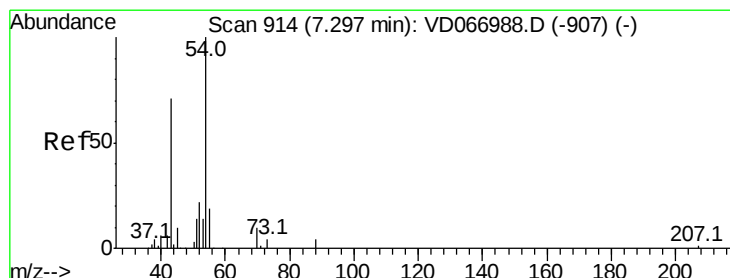
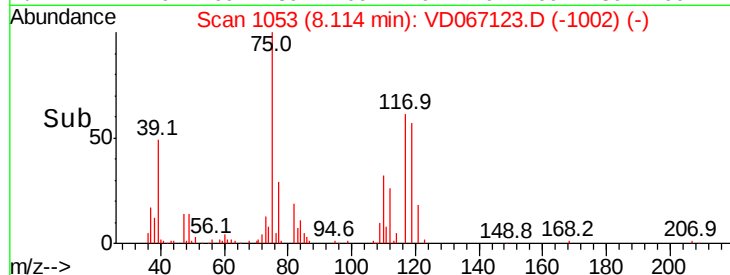
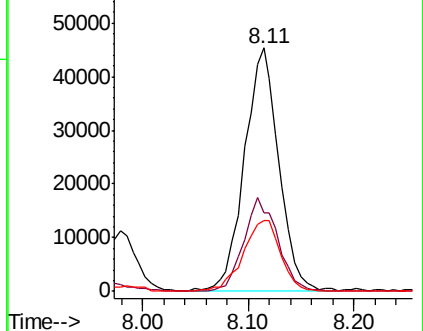
77 31.6 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#37

Ethyl Acetate

Concen: 19.466 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

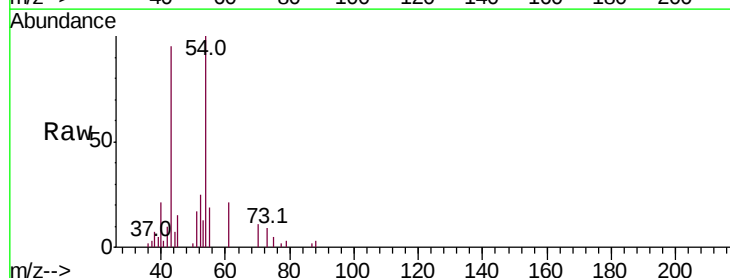
Tgt Ion: 43 Resp: 35253

Ion Ratio Lower Upper

43 100

61 16.2 12.5 18.7

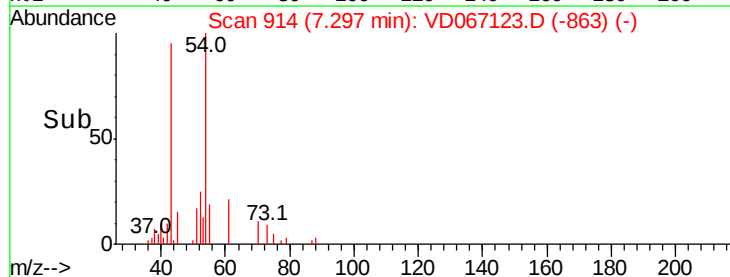
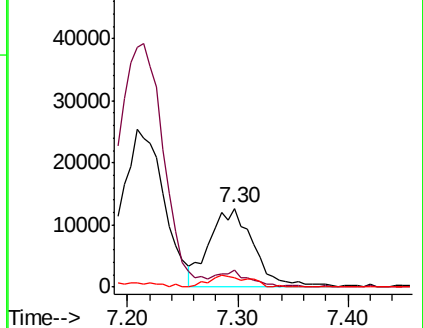
70 13.1 9.4 14.0

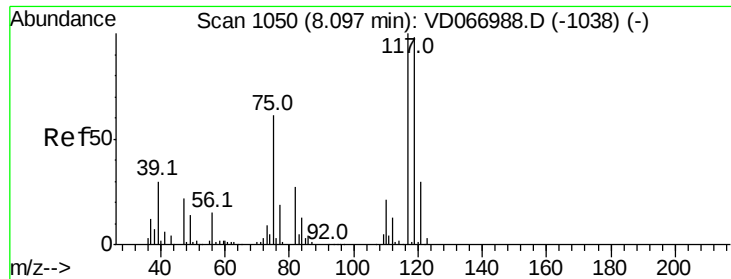


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 21.238 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD02

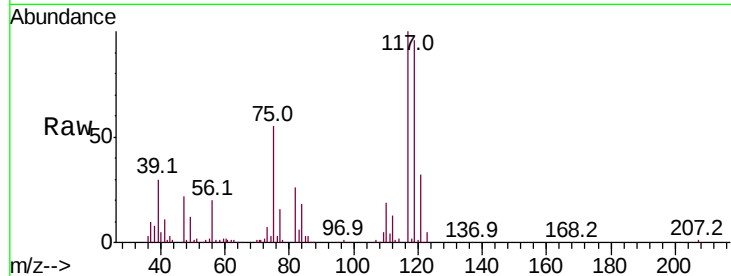
Tot Ion:117 Resp: 120129

Ion Ratio Lower Upper

117 100

119 96.8 78.7 118.1

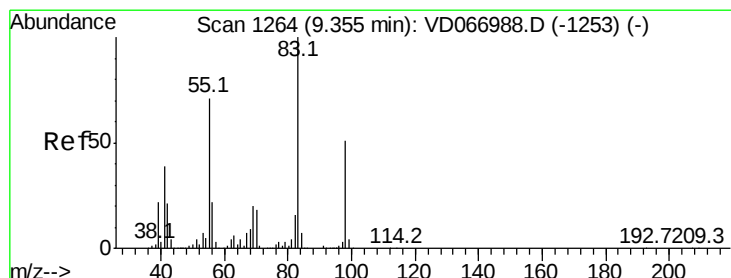
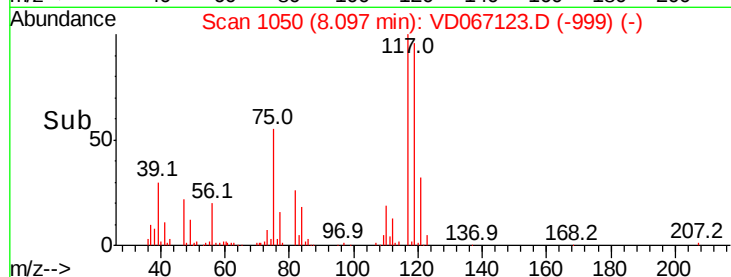
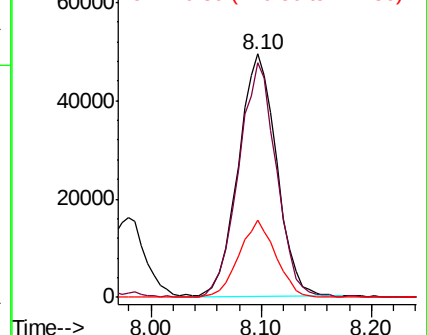
121 31.7 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 19.025 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

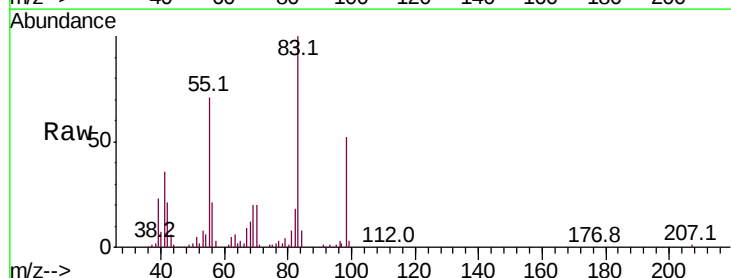
Tgt Ion: 83 Resp: 105148

Ion Ratio Lower Upper

83 100

55 70.8 57.1 85.7

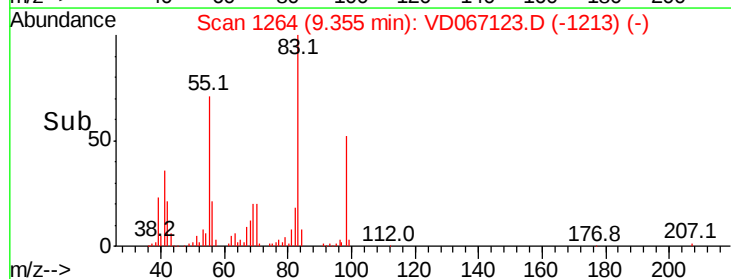
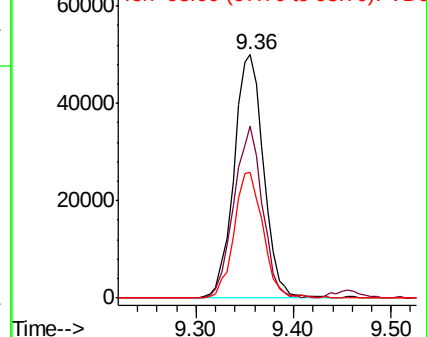
98 51.9 40.9 61.3

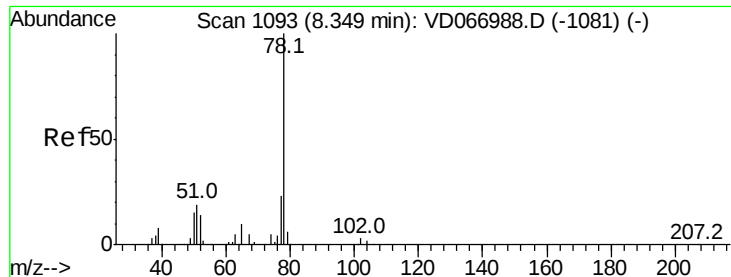


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 20.558 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

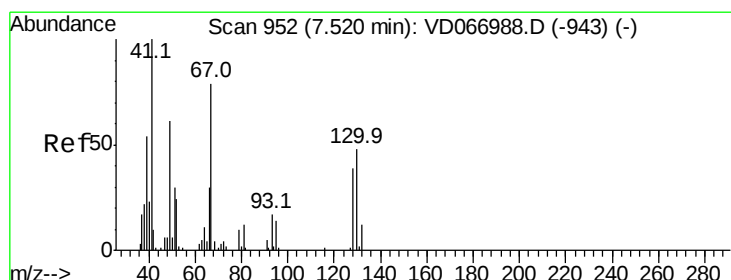
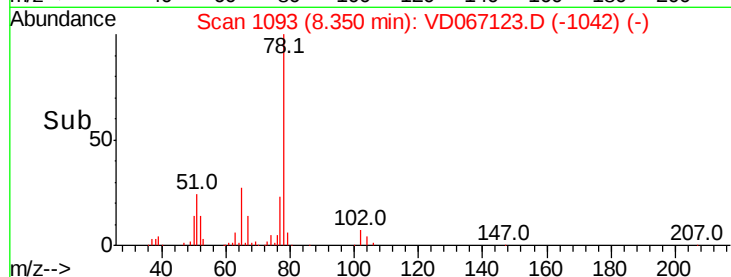
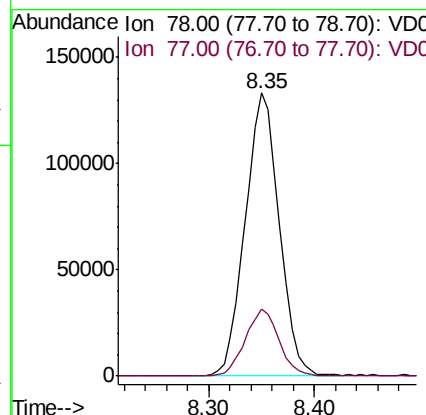
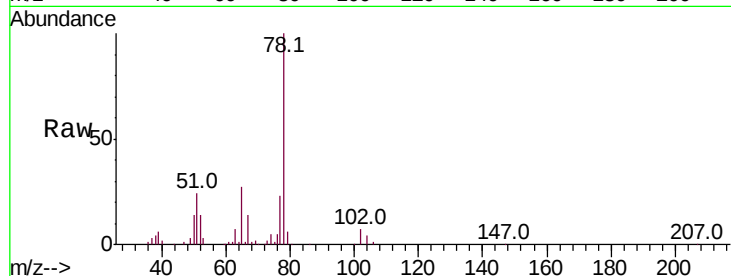
VD1006SBSD02

Tot Ion: 78 Resp: 298511

Ion Ratio Lower Upper

78 100

77 23.5 18.4 27.6



#41

Methacrylonitrile

Concen: 19.066 ug/l

RT: 7.52 min Scan# 952

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Tgt Ion: 41 Resp: 18654

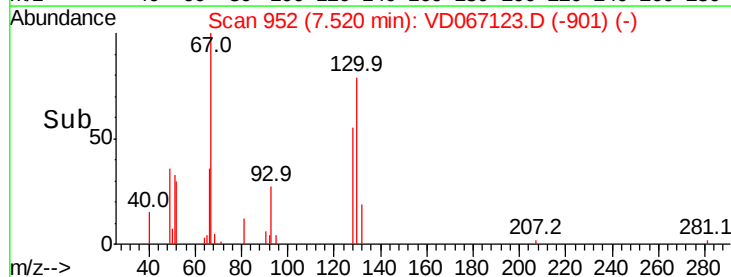
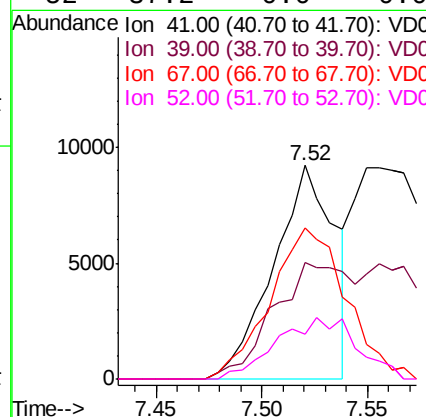
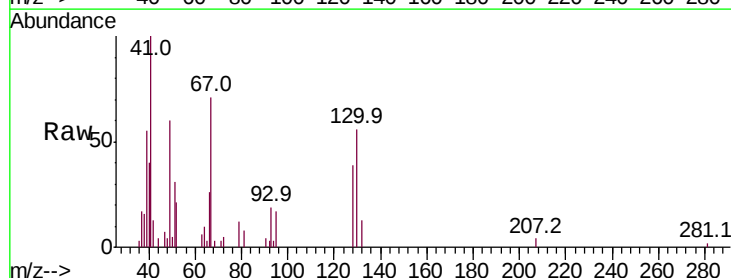
Ion Ratio Lower Upper

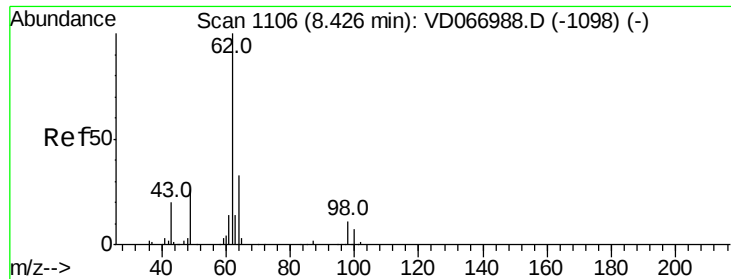
41 100

39 68.4 0.0 0.0#

67 87.8 0.0 0.0#

52 37.2 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 22.271 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

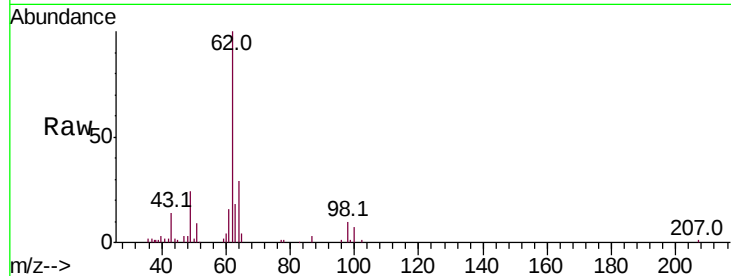
VD1006SBSD02

Tot Ion: 62 Resp: 90360

Ion Ratio Lower Upper

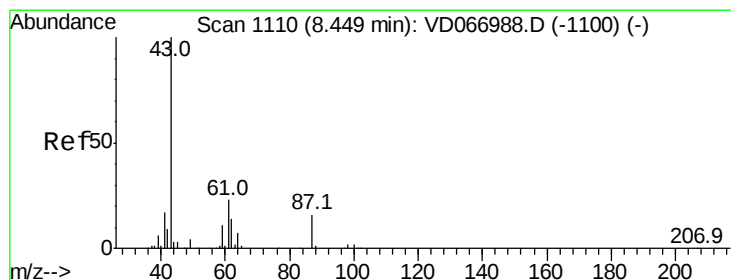
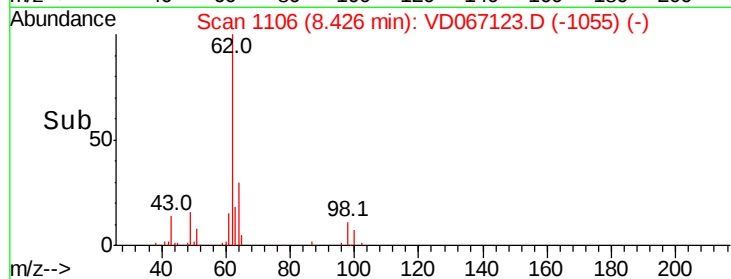
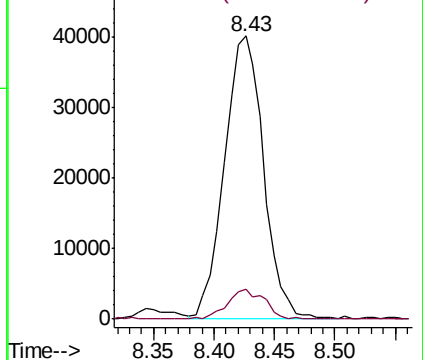
62 100

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: 19.377 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

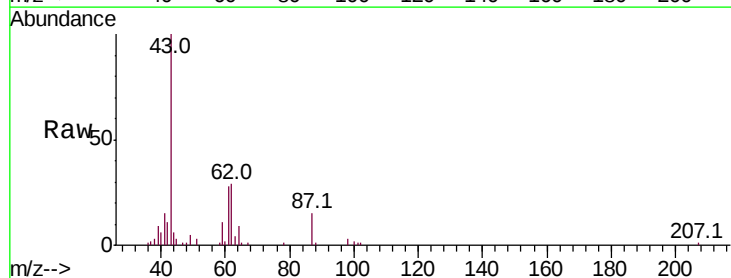
Tgt Ion: 43 Resp: 64646

Ion Ratio Lower Upper

43 100

61 36.5 27.1 40.7

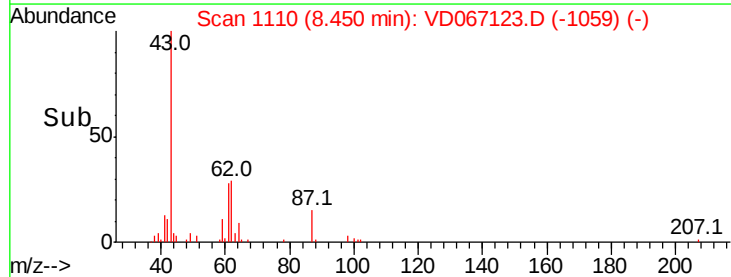
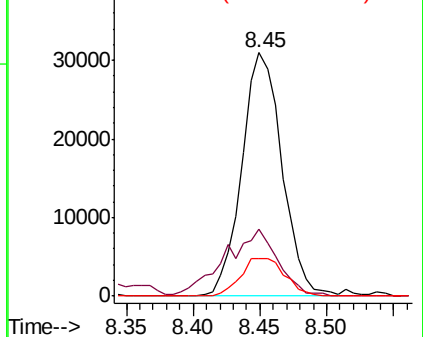
87 17.0 12.3 18.5

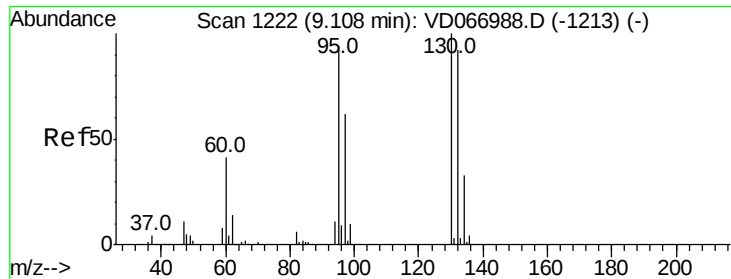


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC





#44

Trichloroethene

Concen: 21.363 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

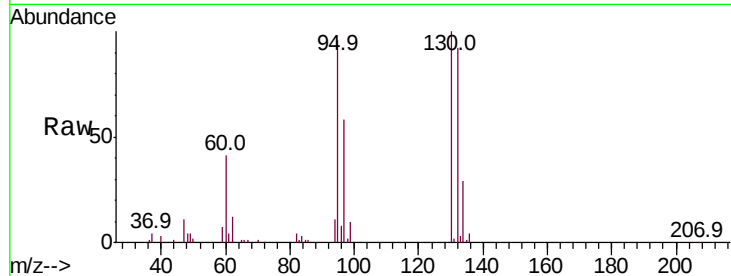
VD1006SBSD02

Tot Ion:130 Resp: 92628

Ion Ratio Lower Upper

130 100

95 96.4 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

9.11

40000

30000

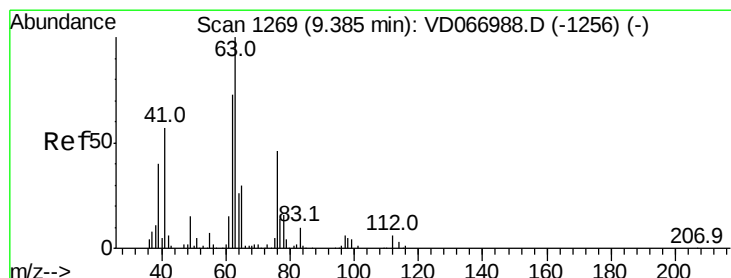
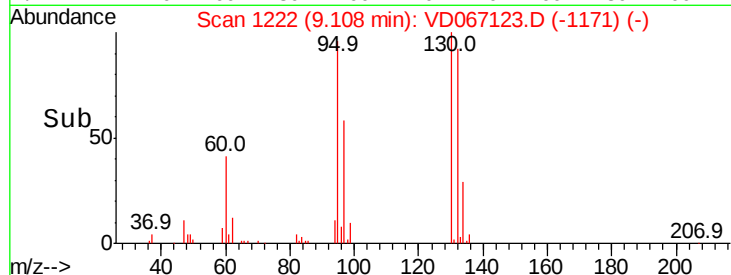
20000

10000

0

9.05 9.10 9.15

Time-->



#45

1,2-Dichloropropane

Concen: 20.784 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067123.D

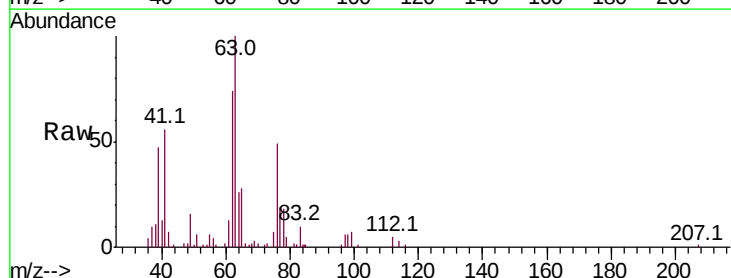
Acq: 06 Oct 2020 23:34

Tgt Ion: 63 Resp: 70908

Ion Ratio Lower Upper

63 100

65 28.0 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

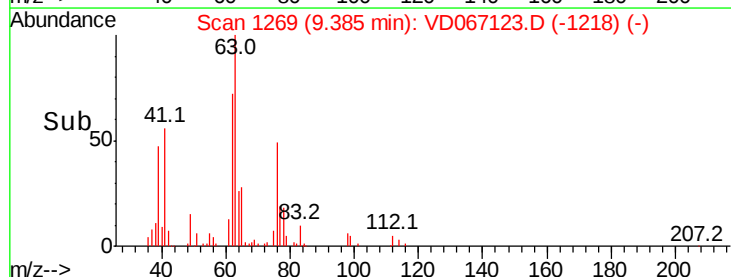
20000

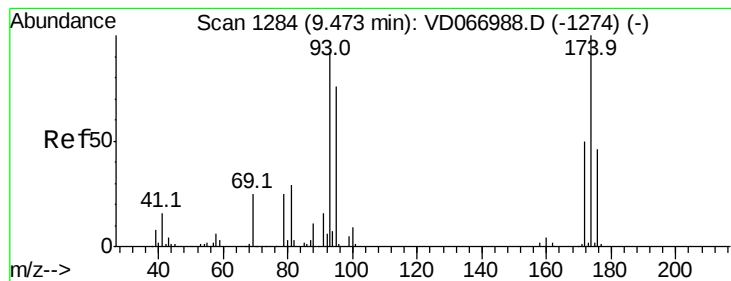
10000

0

9.30 9.40 9.50

Time-->





#46

Dibromomethane

Concen: 21.541 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD02

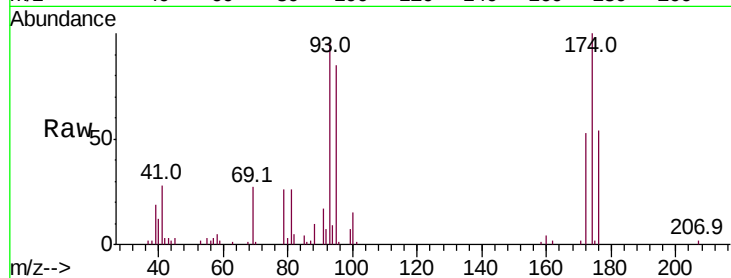
Tot Ion: 93 Resp: 42239

Ion Ratio Lower Upper

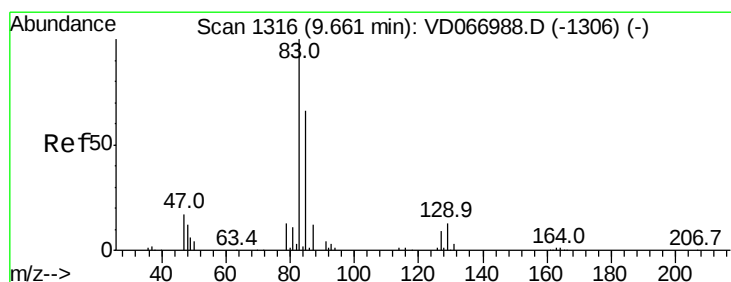
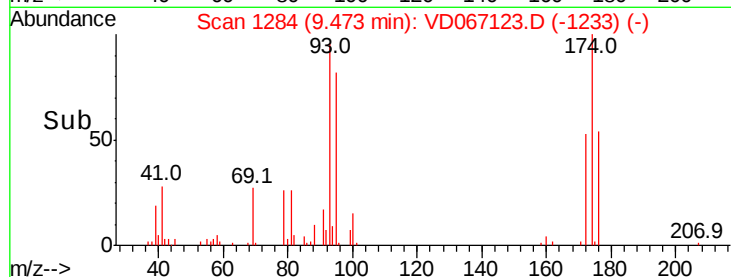
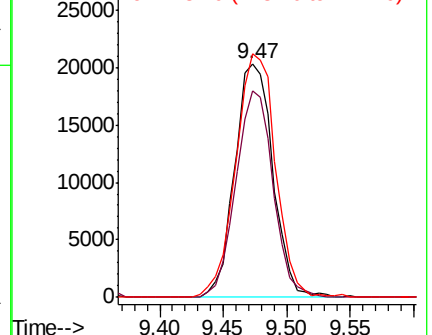
93 100

95 86.5 64.7 97.1

174 109.6 81.4 122.2



Abundance Ion 92.80 (92.50 to 93.50): VDC
Ion 94.80 (94.50 to 95.50): VDC
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 21.802 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

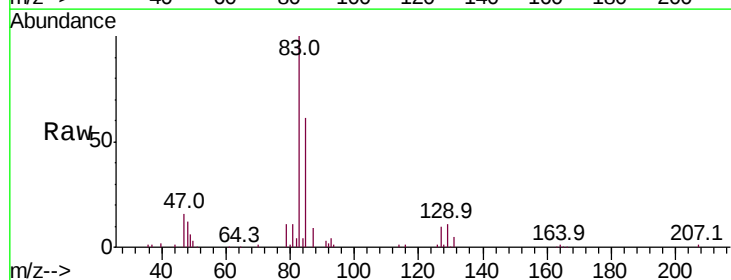
Tgt Ion: 83 Resp: 111128

Ion Ratio Lower Upper

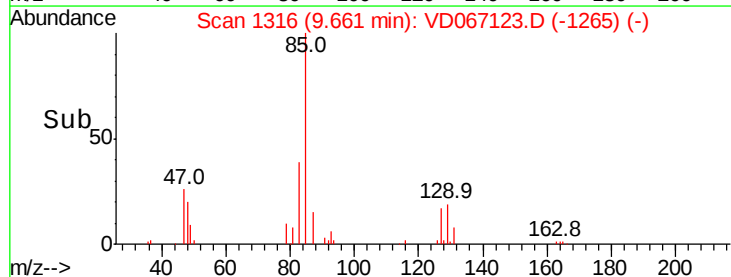
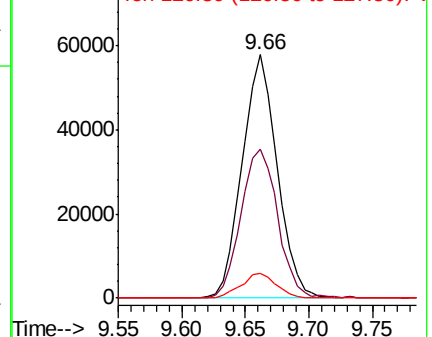
83 100

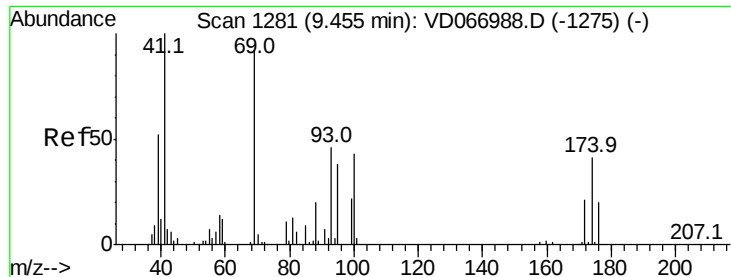
85 61.4 52.9 79.3

127 10.1 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): V

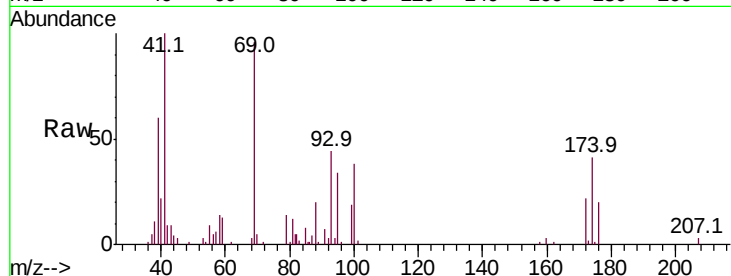




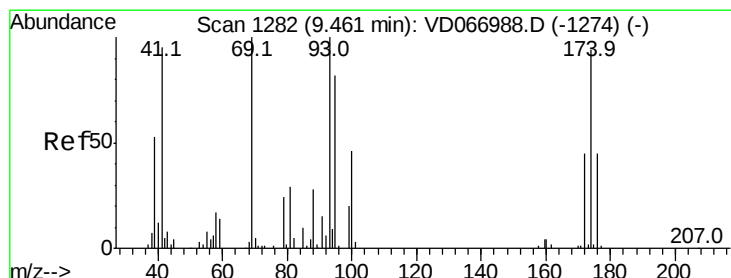
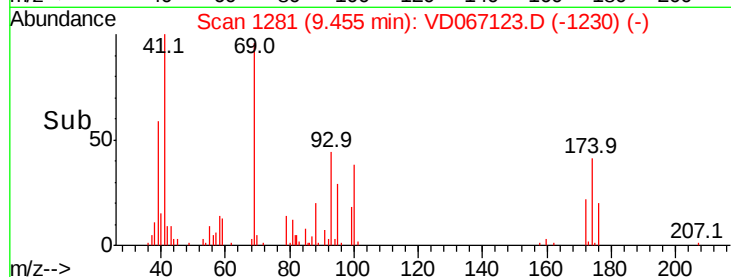
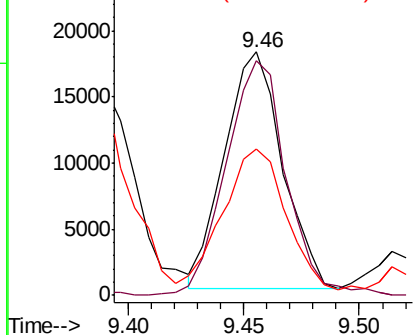
#48
Methvl methacrylate
Concen: 18.348 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD02

Tot Ion: 41 Resp: 31361
Ion Ratio Lower Upper
41 100
69 103.7 68.5 102.7#
39 69.9 40.2 60.2#

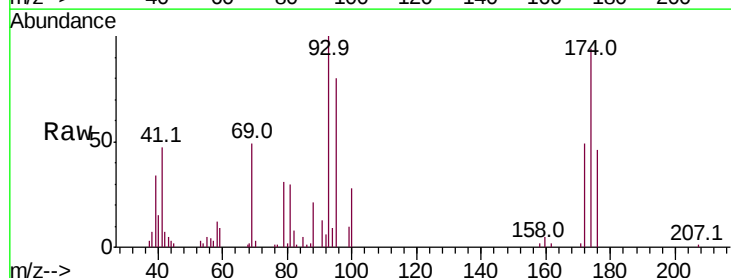


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

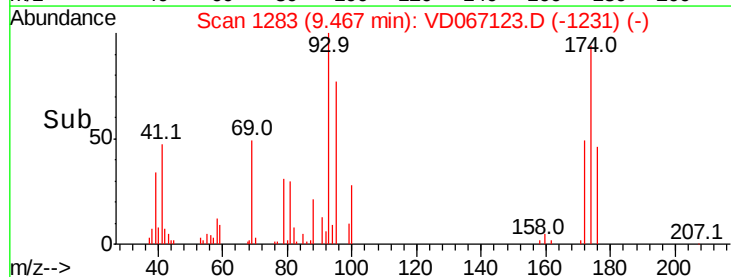
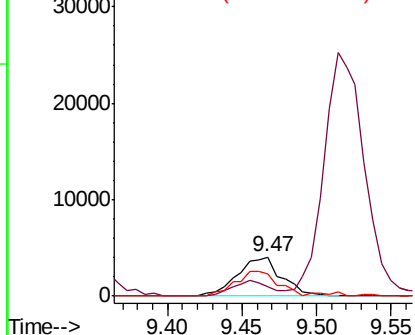


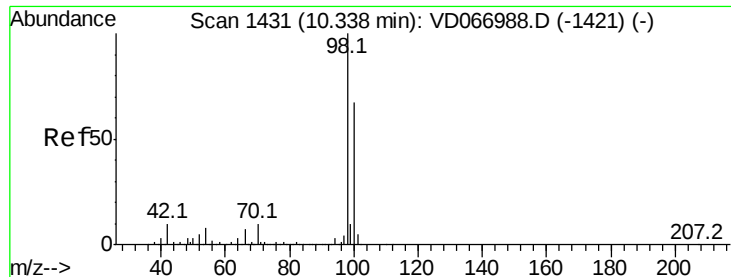
#49
1,4-Dioxane
Concen: 407.279 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 88 Resp: 8335
Ion Ratio Lower Upper
88 100
43 35.0 25.6 38.4
58 61.1 53.5 80.3



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





#50

Toluene-d8

Concen: 50.704 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

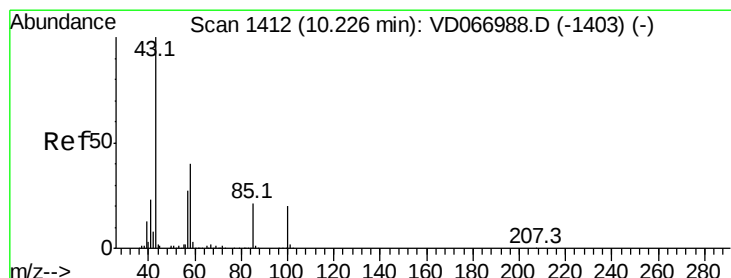
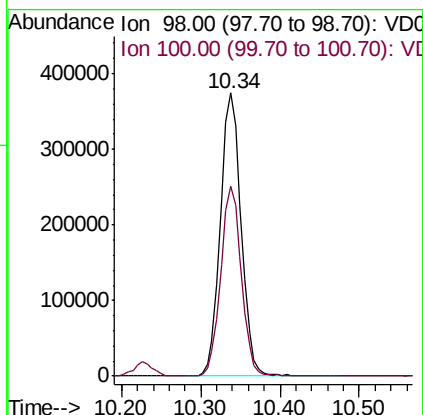
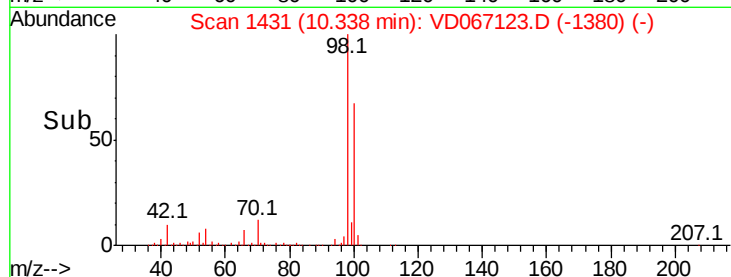
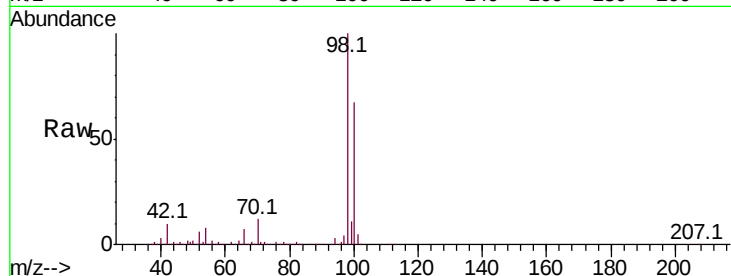
VD1006SBSD02

Tot Ion: 98 Resp: 678377

Ion Ratio Lower Upper

98 100

100 66.5 52.8 79.2



#51

4-Methyl-2-Pentanone

Concen: 98.659 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067123.D

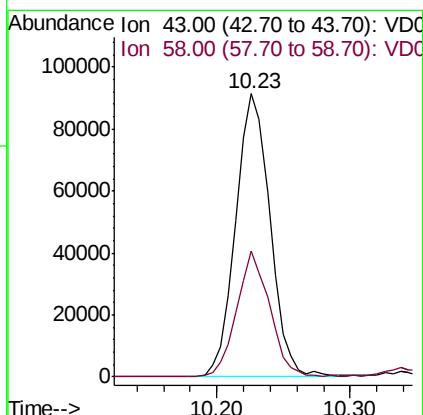
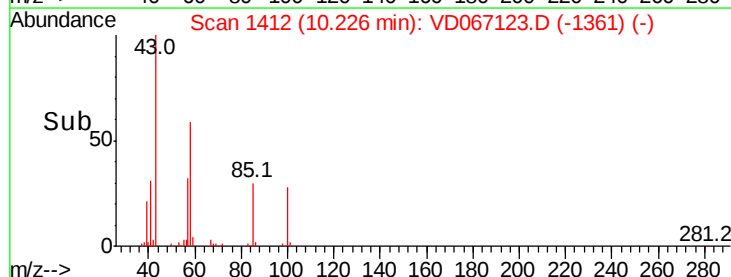
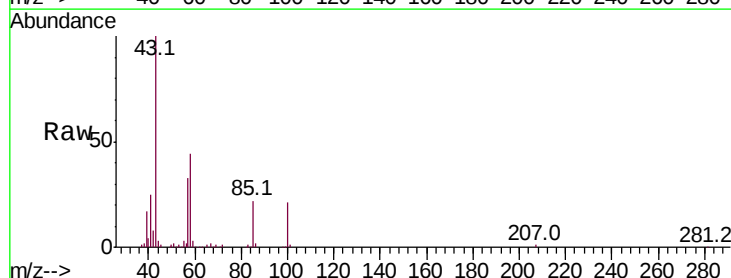
Acq: 06 Oct 2020 23:34

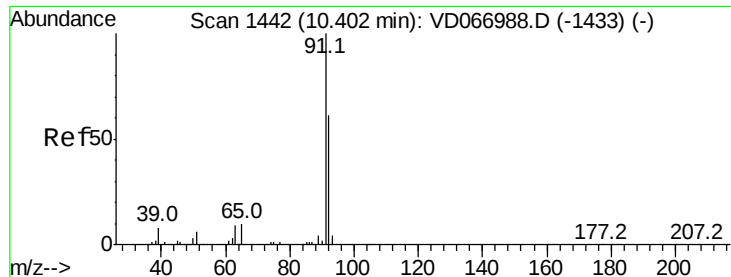
Tgt Ion: 43 Resp: 163949

Ion Ratio Lower Upper

43 100

58 42.8 33.8 50.8





#52

Toluene

Concen: 21.763 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

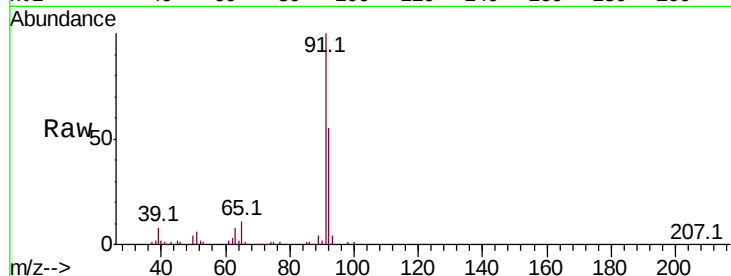
VD1006SBSD02

Tot Ion: 92 Resp: 203560

Ion Ratio Lower Upper

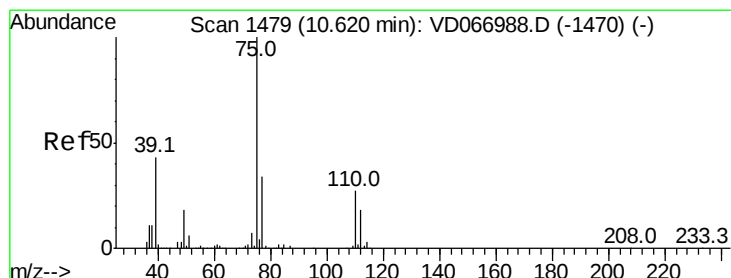
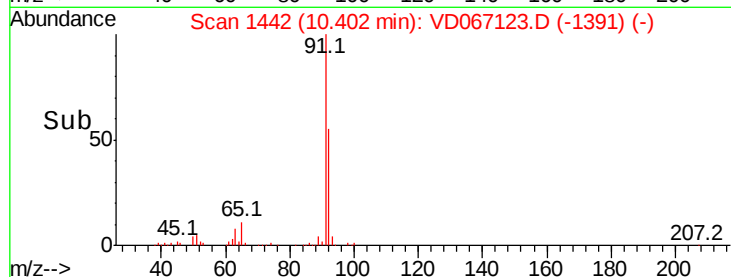
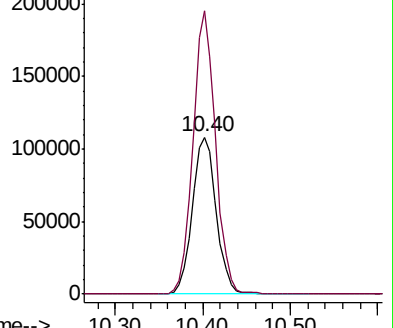
92 100

91 169.9 135.1 202.7



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: 21.206 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067123.D

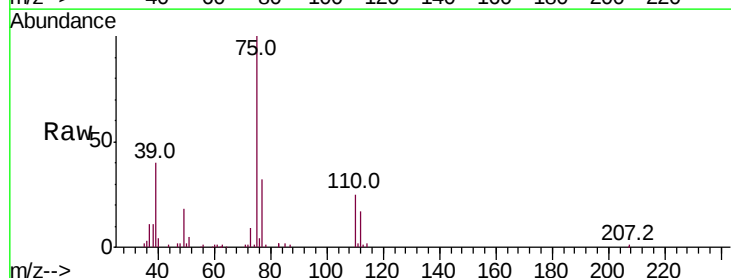
Acq: 06 Oct 2020 23:34

Tgt Ion: 75 Resp: 96604

Ion Ratio Lower Upper

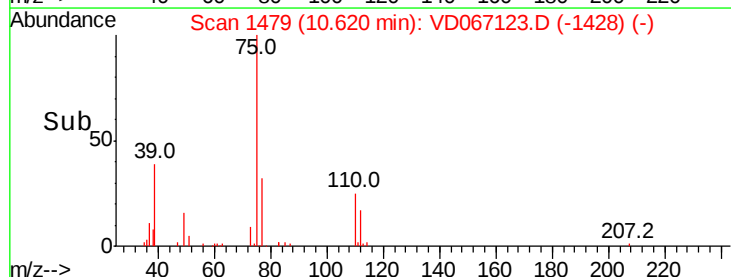
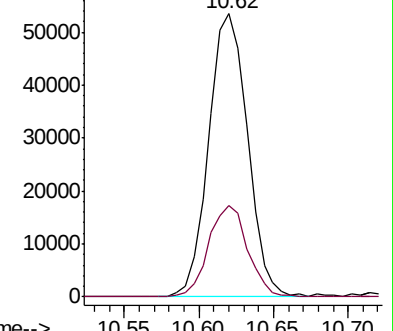
75 100

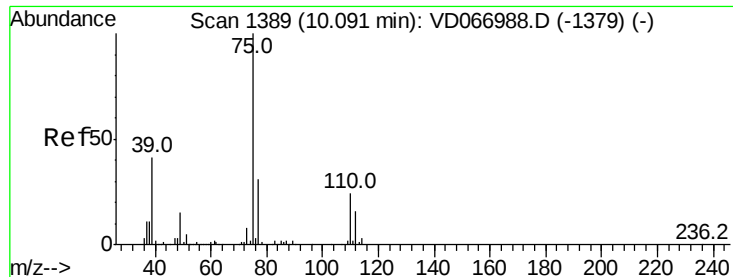
77 32.2 27.1 40.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC





#54

cis-1,3-Dichloropropene

Concen: 20.837 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

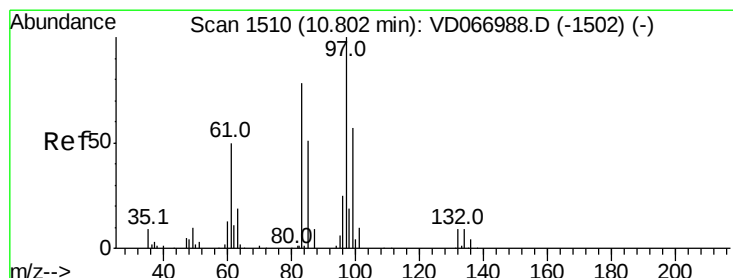
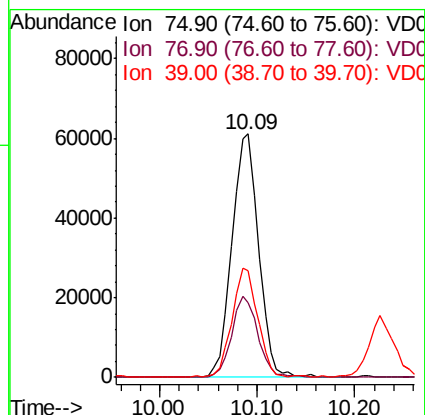
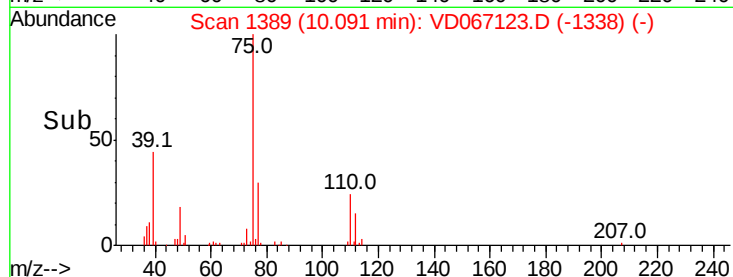
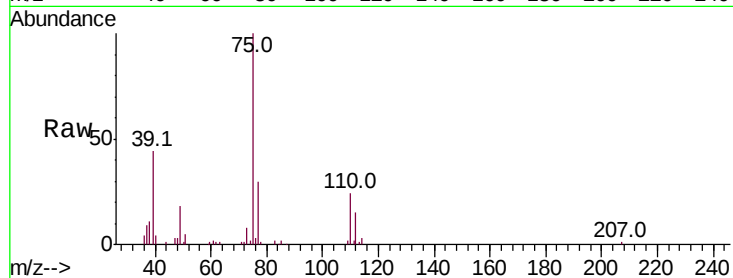
Tot Ion: 75 Resp: 115911

Ion Ratio Lower Upper

75 100

77 30.4 24.6 37.0

39 43.7 33.0 49.4



#55

1,1,2-Trichloroethane

Concen: 21.899 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Tgt Ion: 97 Resp: 59701

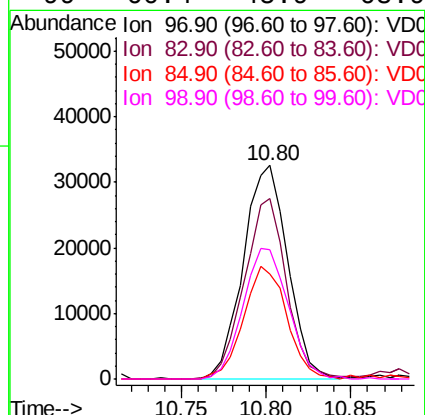
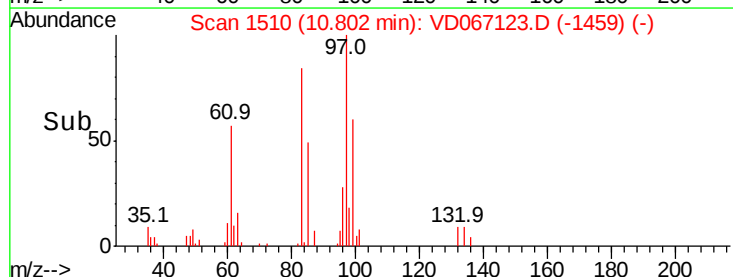
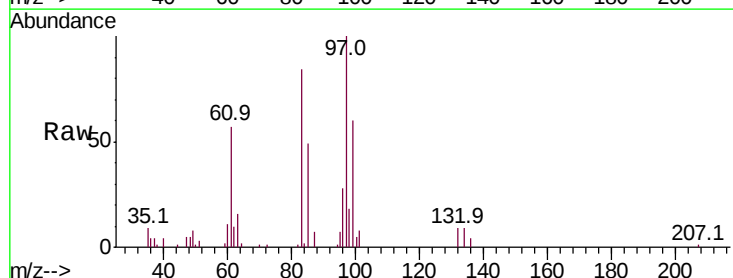
Ion Ratio Lower Upper

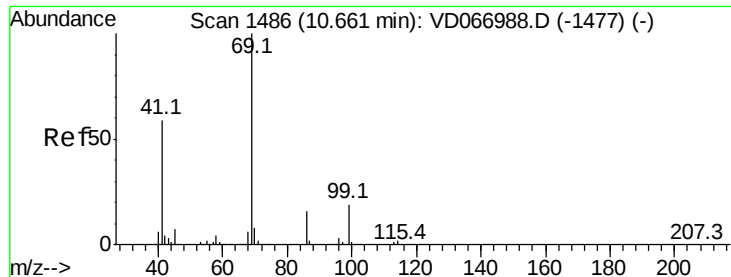
97 100

83 84.3 62.4 93.6

85 49.1 41.0 61.4

99 60.4 45.9 68.9





#56

Ethyl methacrylate

Concen: 20.731 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD02

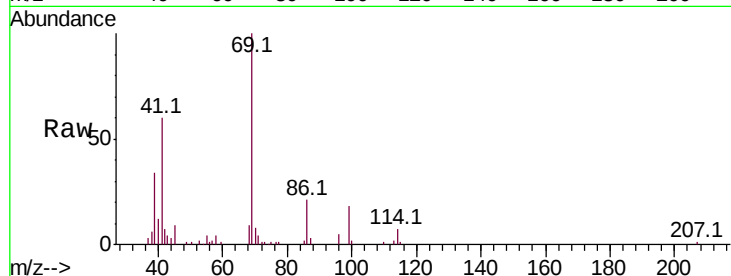
Tot Ion: 69 Resp: 58350

Ion	Ratio	Lower	Upper
69	100		
41	59.2	46.4	69.6
39	32.8	23.8	35.6

69 100

41 59.2 46.4 69.6

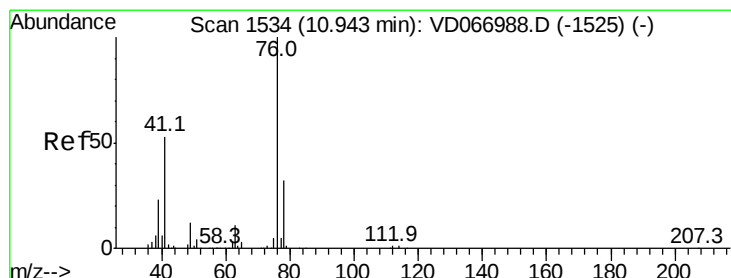
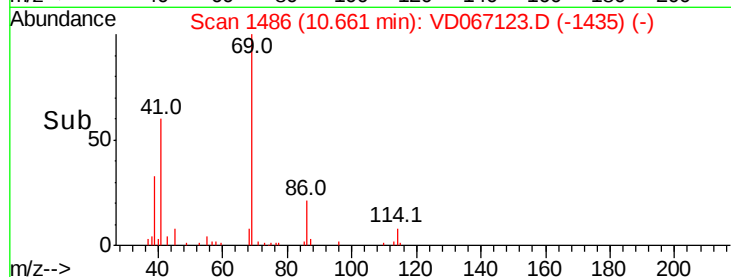
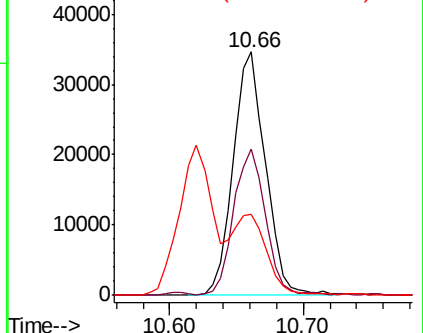
39 32.8 23.8 35.6



Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC



#57

1,3-Dichloropropane

Concen: 20.866 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD067123.D

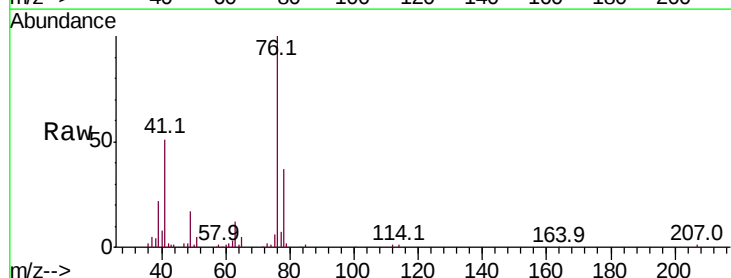
Acq: 06 Oct 2020 23:34

Tgt Ion: 76 Resp: 92246

Ion	Ratio	Lower	Upper
76	100		
78	33.7	25.8	38.8

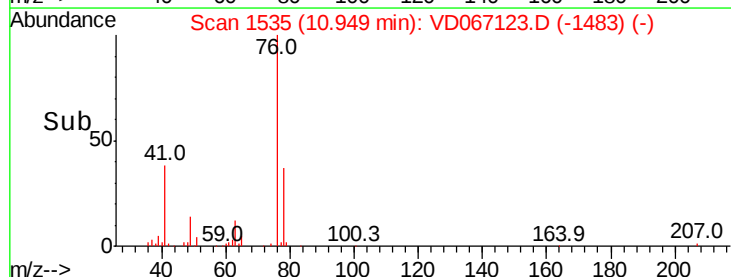
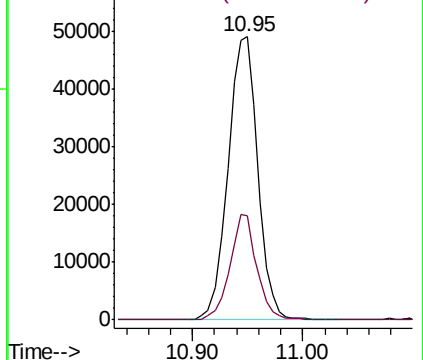
76 100

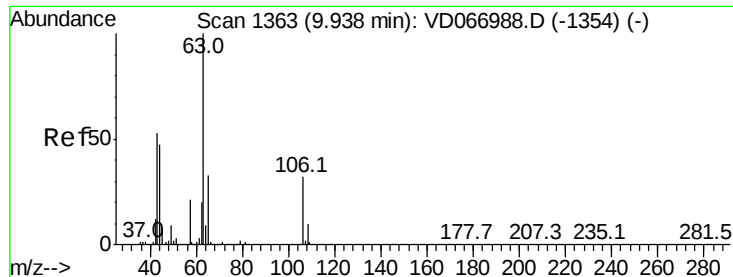
78 33.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC





#58

2-Chloroethyl Vinyl ether

Concen: 99.894 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

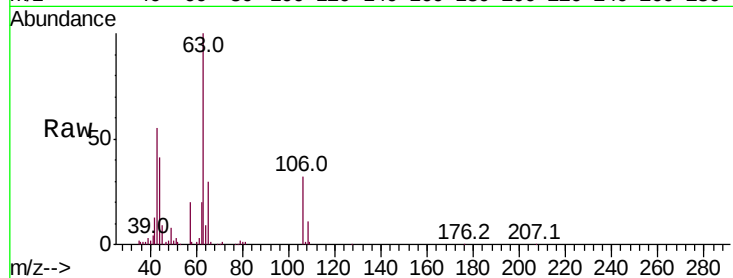
VD1006SBSD02

Tot Ion: 63 Resp: 156491

Ion Ratio Lower Upper

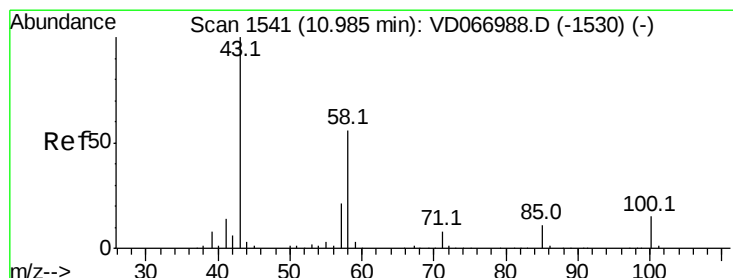
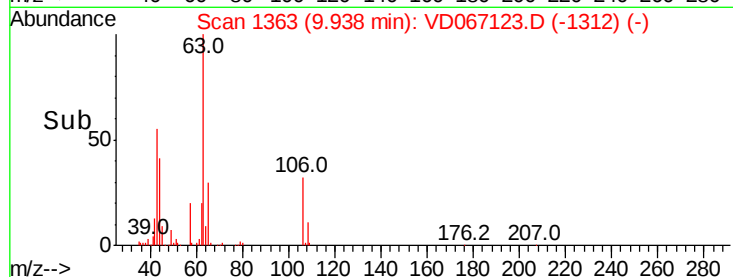
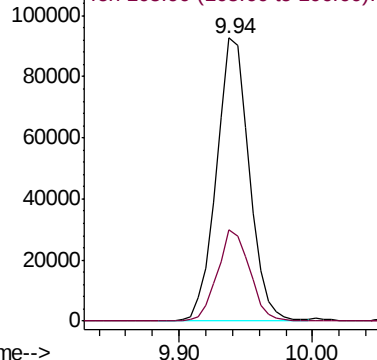
63 100

106 32.2 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC



#59

2-Hexanone

Concen: 98.342 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. 0.00 min

Lab File: VD067123.D

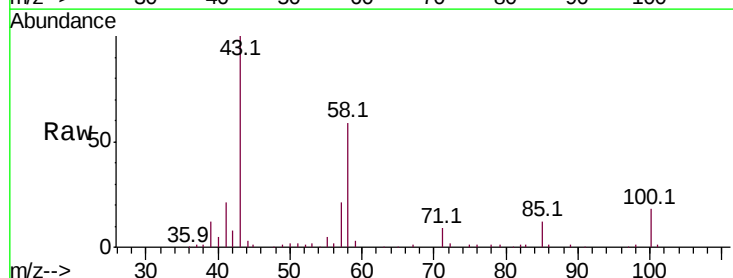
Acq: 06 Oct 2020 23:34

Tgt Ion: 43 Resp: 109075

Ion Ratio Lower Upper

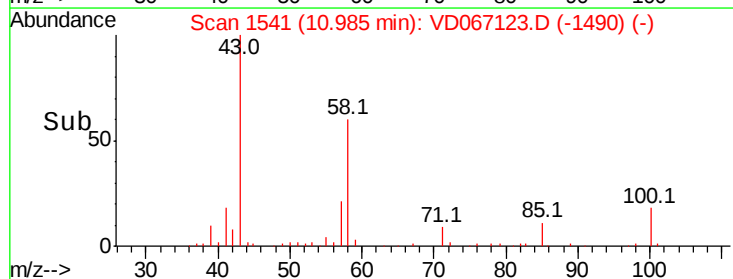
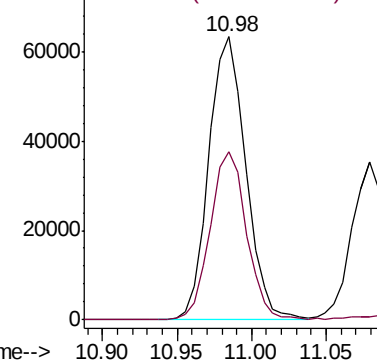
43 100

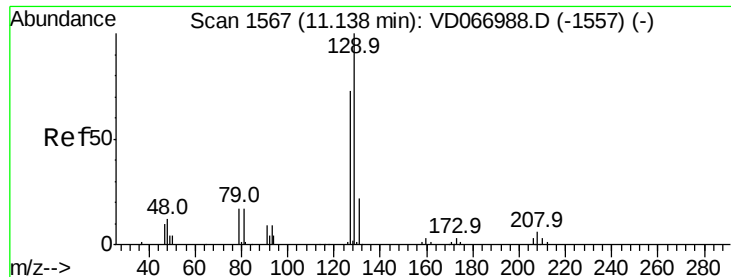
58 58.4 28.3 84.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#60

Dibromochloromethane

Concen: 22.612 ug/l

RT: 11.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

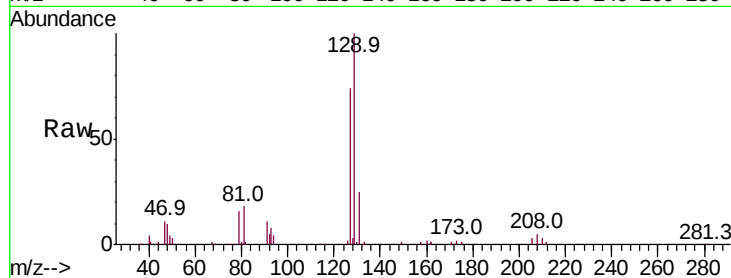
VD1006SBSD02

Tot Ion:129 Resp: 82161

Ion Ratio Lower Upper

129 100

127 77.7 37.4 112.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.14

50000

40000

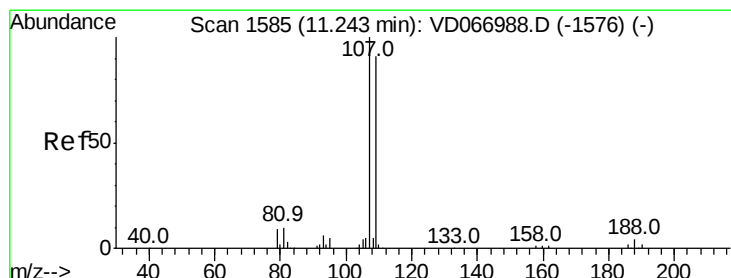
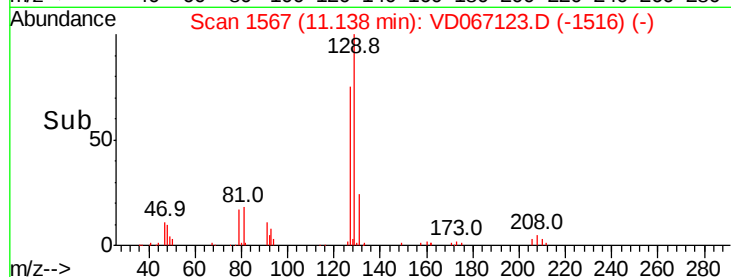
30000

20000

10000

0

Time--> 11.10 11.20



#61

1,2-Dibromoethane

Concen: 21.597 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VD067123.D

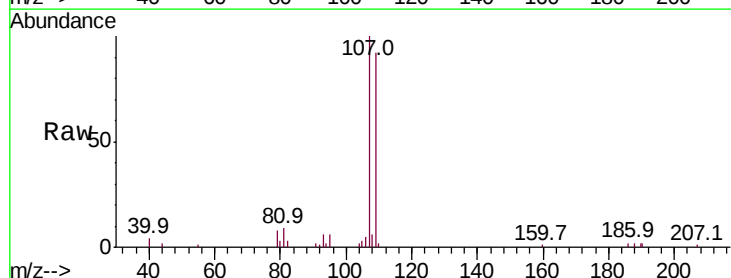
Acq: 06 Oct 2020 23:34

Tgt Ion:107 Resp: 56564

Ion Ratio Lower Upper

107 100

109 98.2 74.0 111.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

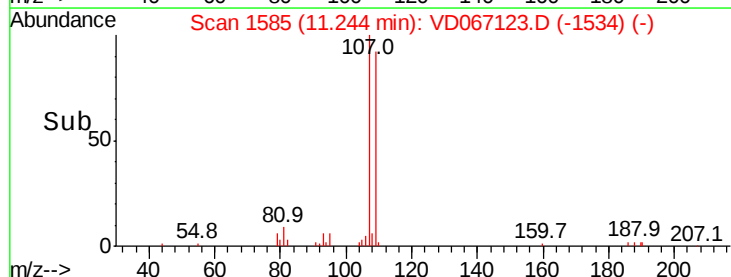
30000

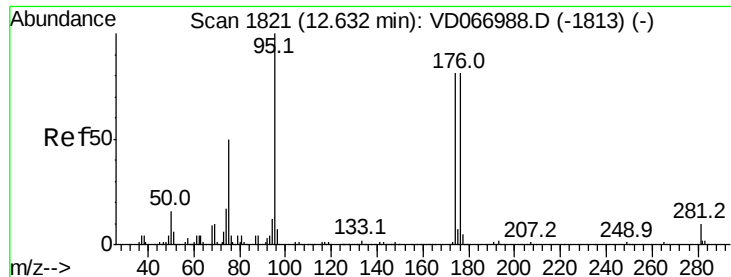
20000

10000

0

Time--> 11.20 11.30

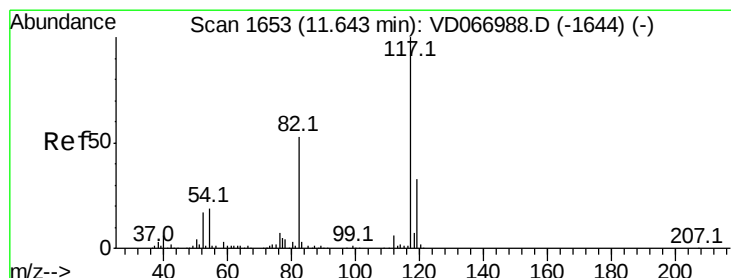
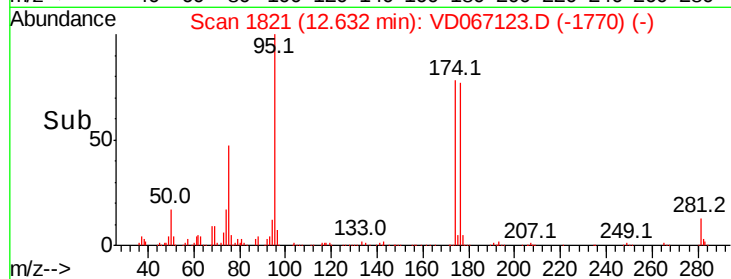
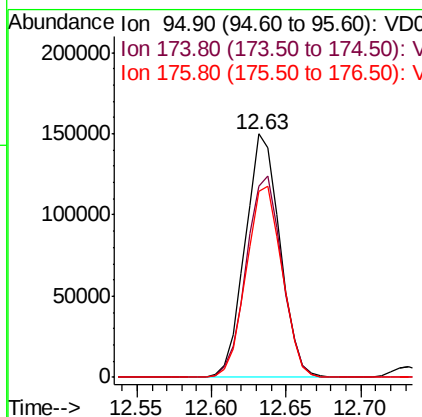
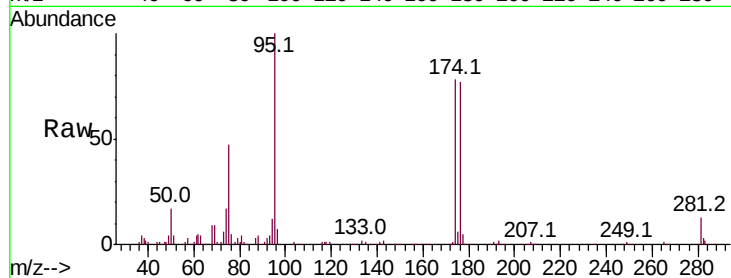




#62
4-Bromofluorobenzene
Concen: 53.092 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

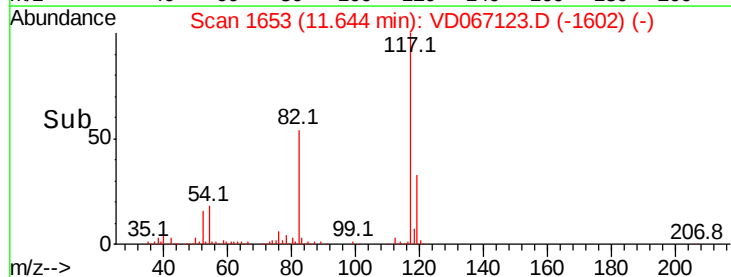
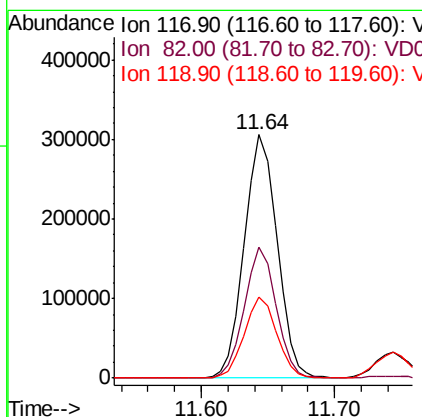
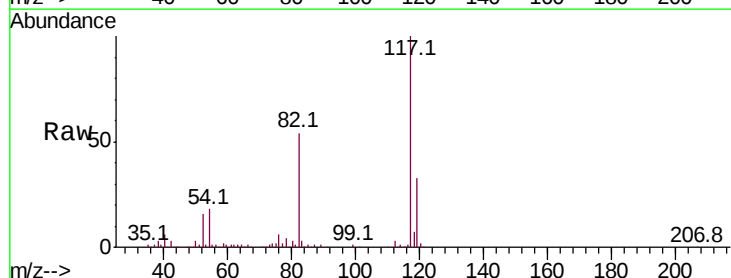
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD02

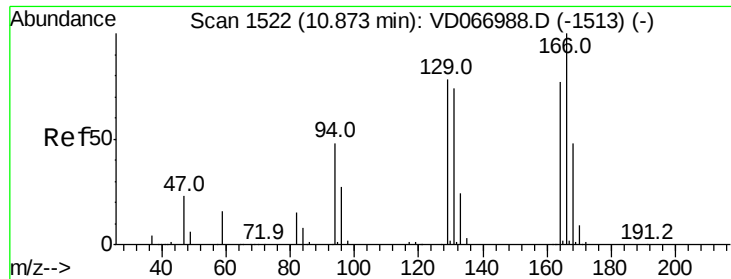
Tot Ion: 95 Resp: 241140
Ion Ratio Lower Upper
95 100
174 84.7 0.0 167.6
176 80.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 117 Resp: 521532
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 33.3 26.3 39.5

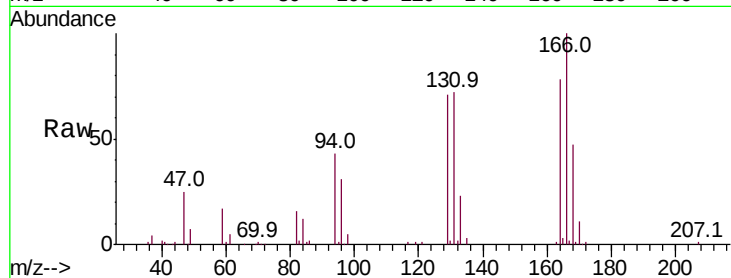




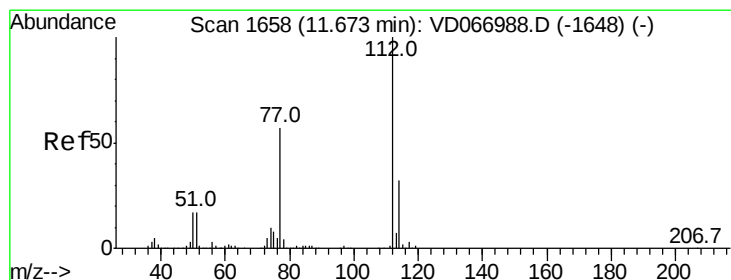
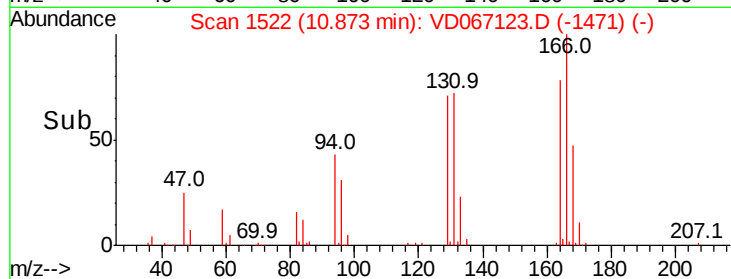
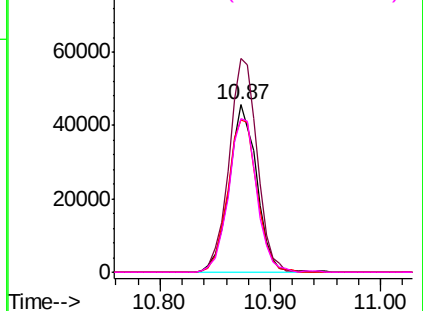
#64
Tetrachloroethene
Concen: 21.196 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD02

Tot Ion:164 Resp: 80365
Ion Ratio Lower Upper
164 100
166 127.6 104.4 156.6
129 90.9 81.3 121.9
131 92.0 77.1 115.7

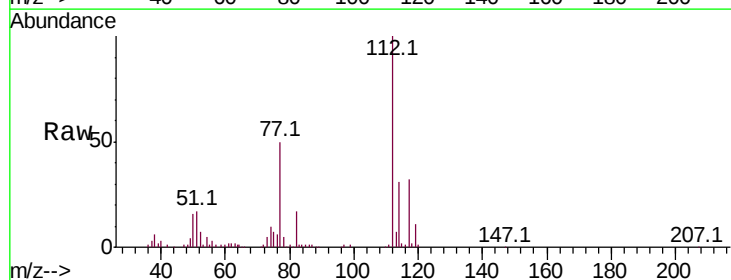


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

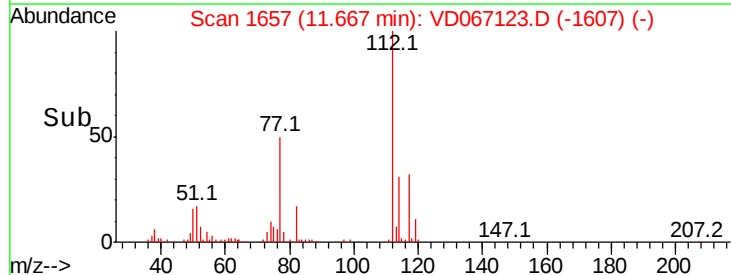
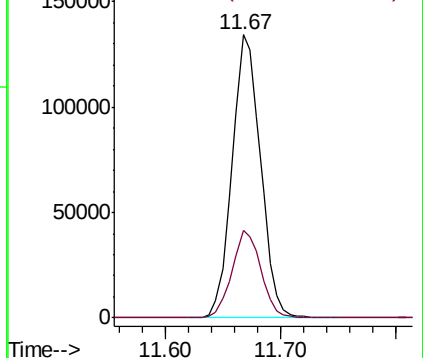


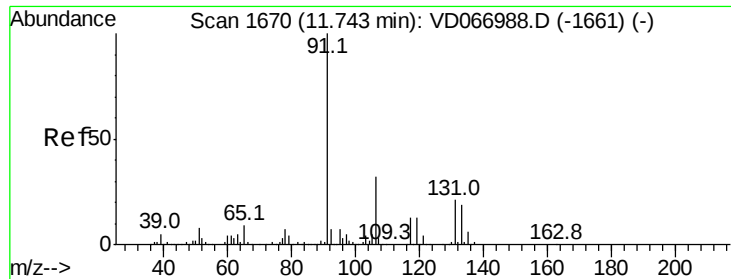
#65
Chlorobenzene
Concen: 22.012 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion:112 Resp: 228319
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

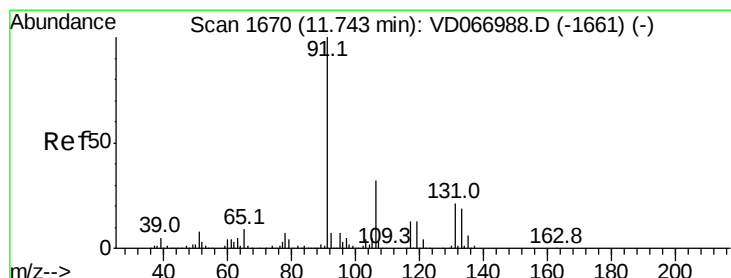
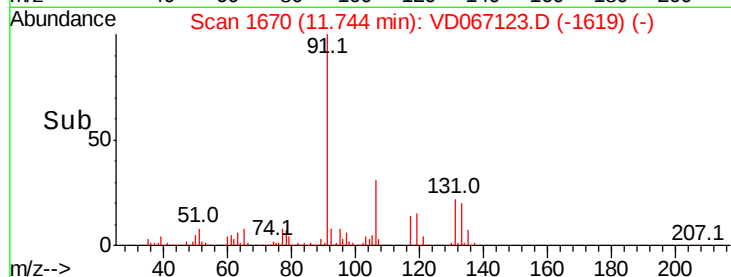
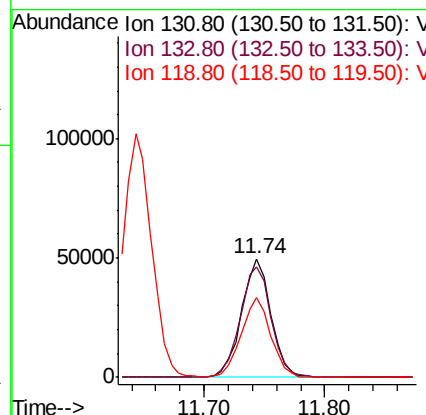
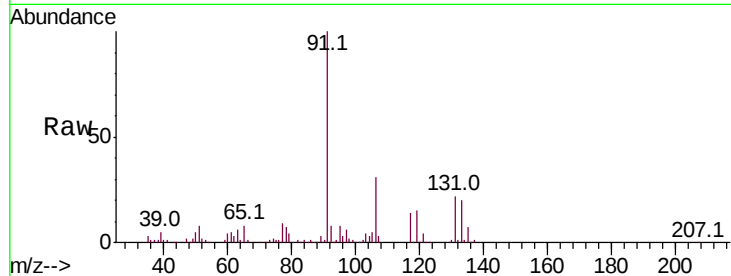




#66
 1,1,1,2-Tetrachloroethane
 Concen: 21.442 ug/l
 RT: 11.74 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

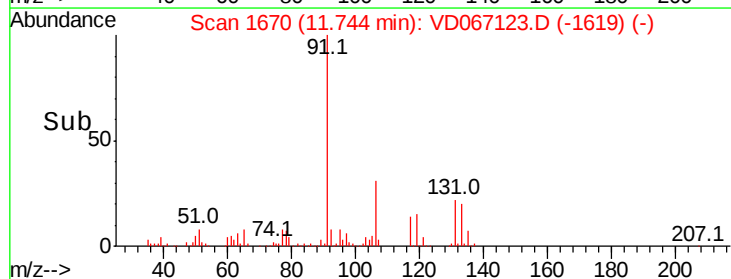
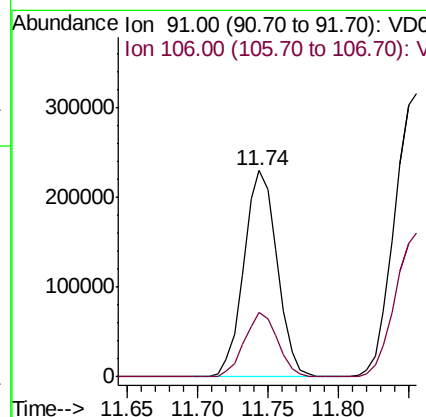
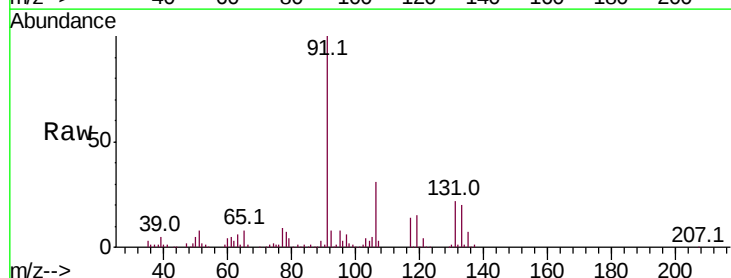
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBSD02

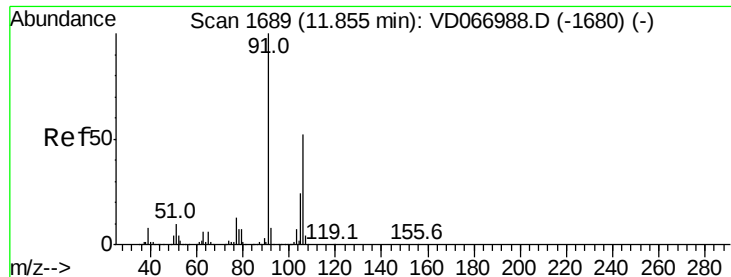
Tot Ion:131 Resp: 84603
 Ion Ratio Lower Upper
 131 100
 133 97.2 47.8 143.3
 119 67.0 32.3 96.8



#67
 Ethyl Benzene
 Concen: 21.422 ug/l
 RT: 11.74 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion: 91 Resp: 380725
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.4 38.2

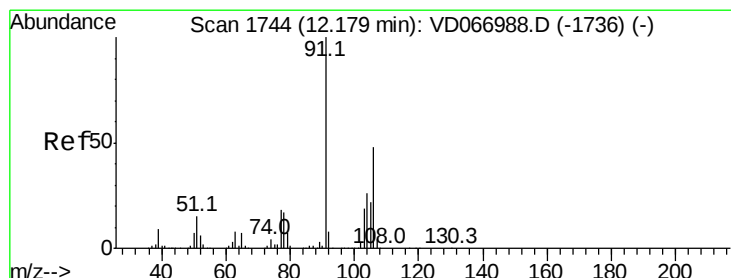
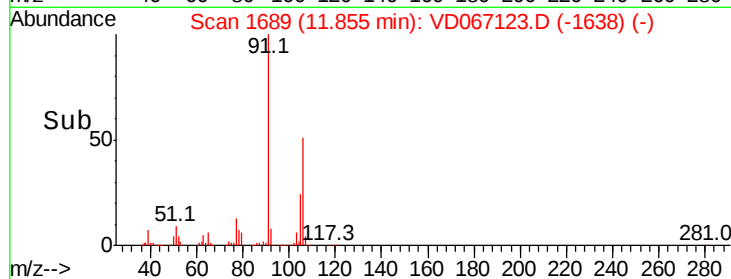
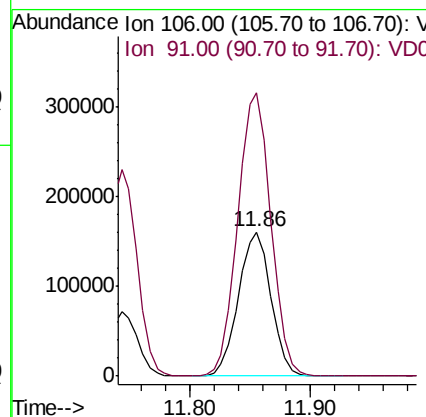
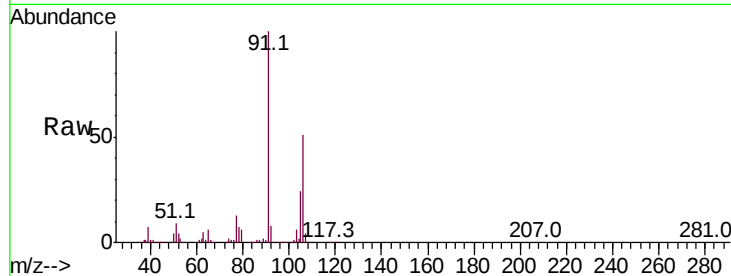




#68
m/p-Xylenes
Concen: 43.489 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

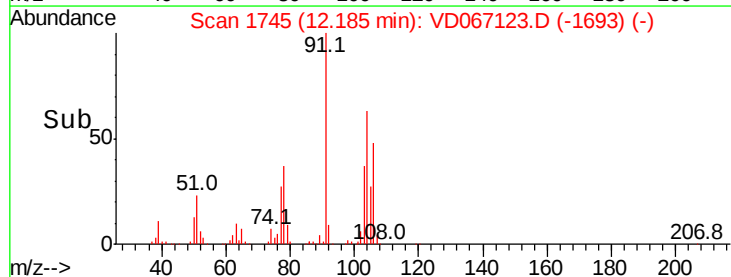
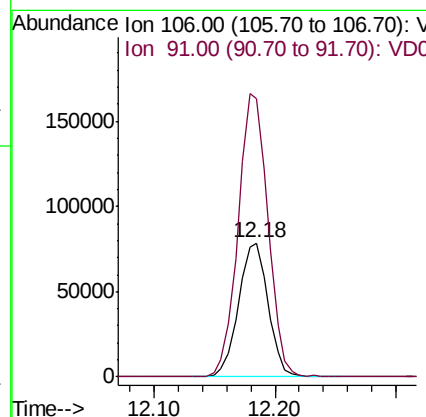
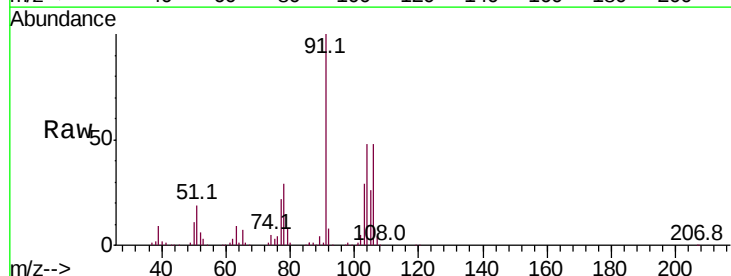
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD02

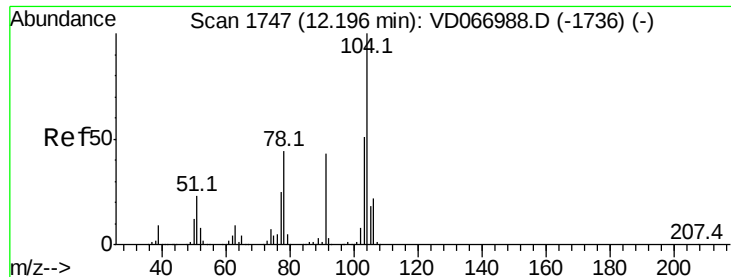
Tot Ion:106 Resp: 301210
Ion Ratio Lower Upper
106 100
91 199.7 158.4 237.6



#69
o-Xylene
Concen: 21.753 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion:106 Resp: 134730
Ion Ratio Lower Upper
106 100
91 212.3 102.4 307.2

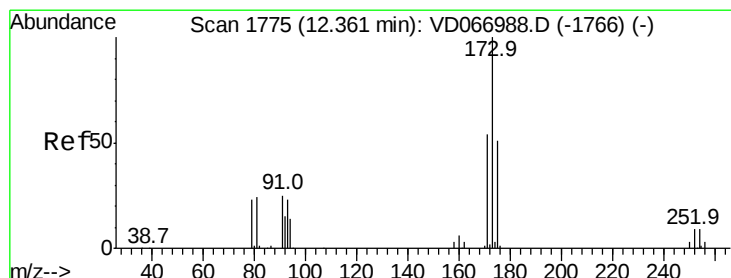
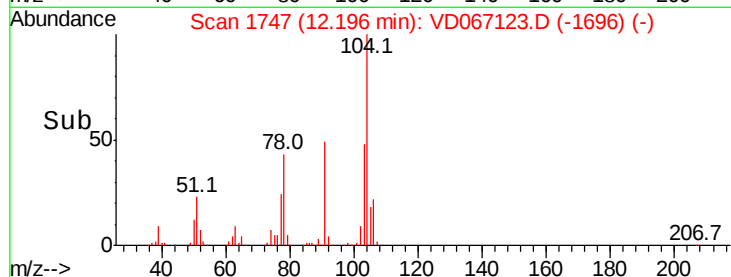
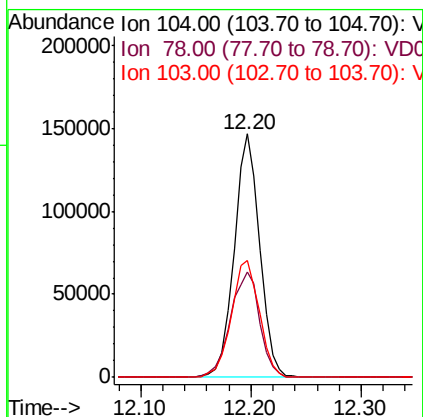
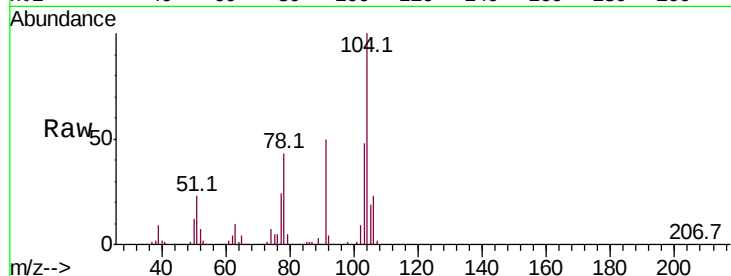




#70
Stvrene
Concen: 22.251 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

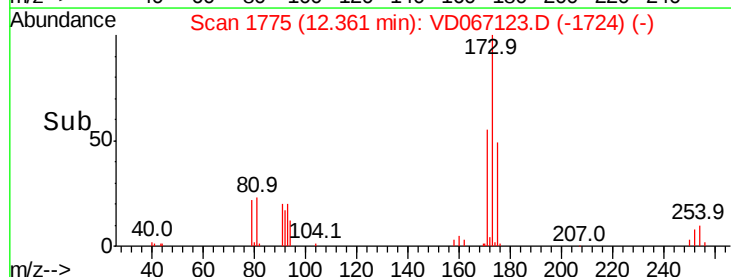
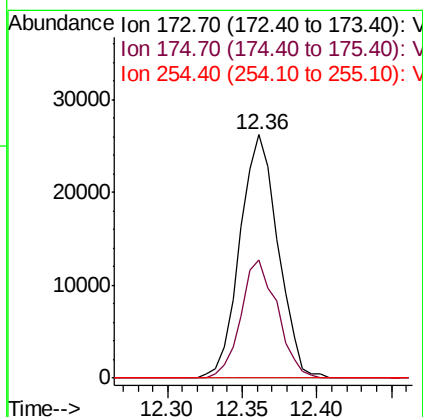
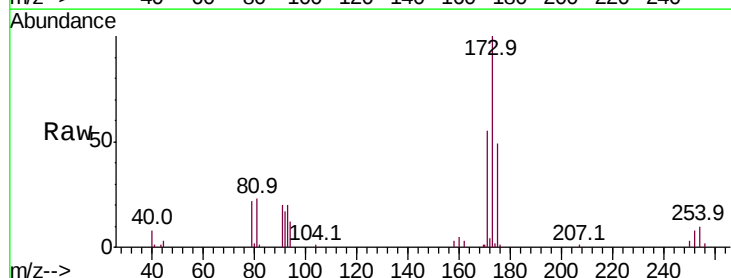
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD02

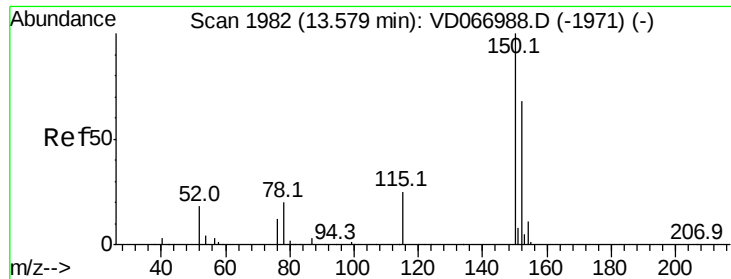
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.6	38.6	58.0
103	52.8	43.4	65.0



#71
Bromoform
Concen: 22.638 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.9	74.7
254	0.0	0.2	0.4#



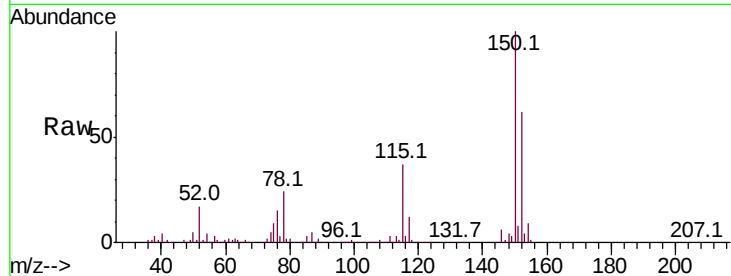


#72

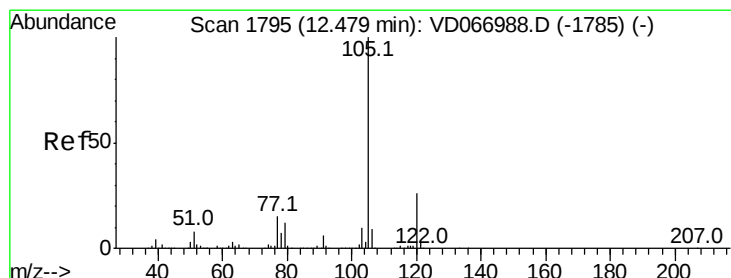
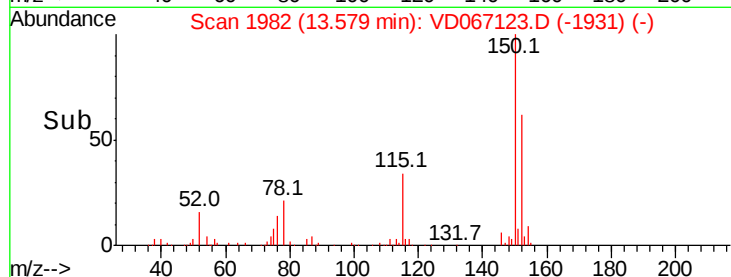
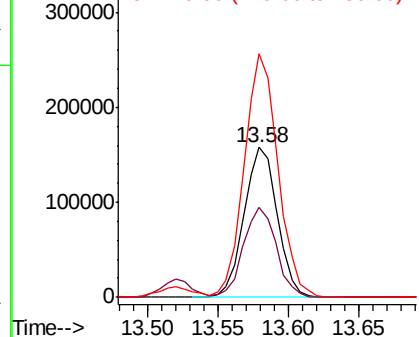
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD02

Tot Ion:152 Resp: 259340
Ion Ratio Lower Upper
152 100
115 59.6 29.6 88.8
150 164.4 0.0 344.8



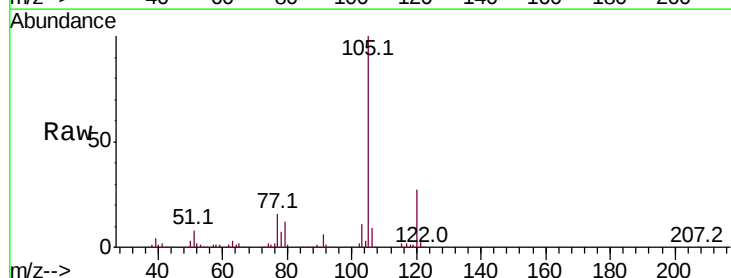
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



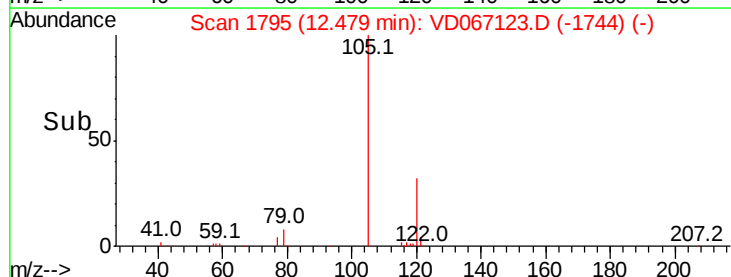
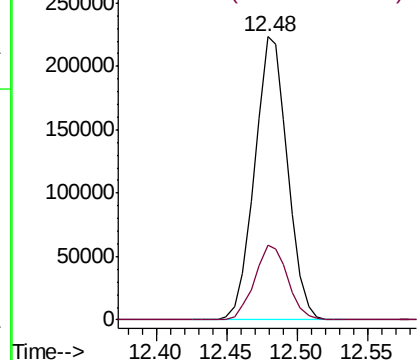
#73

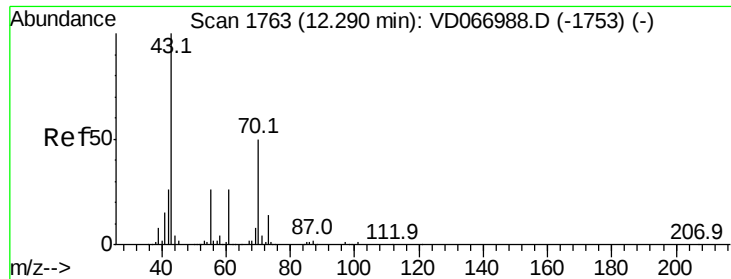
Isopropylbenzene
Concen: 20.695 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion:105 Resp: 364422
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

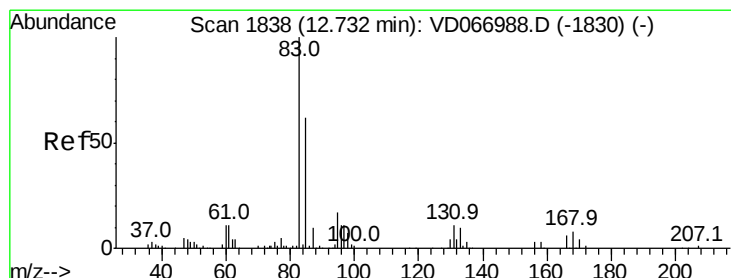
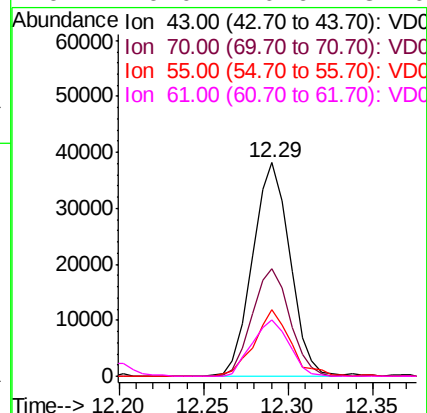
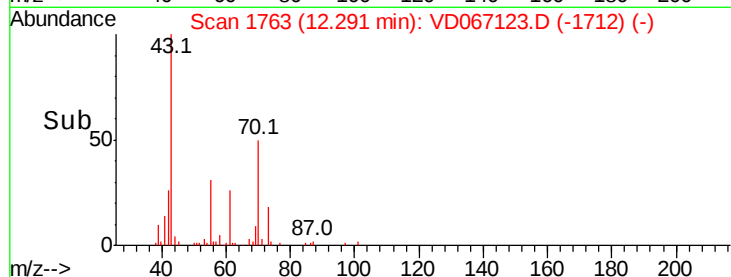
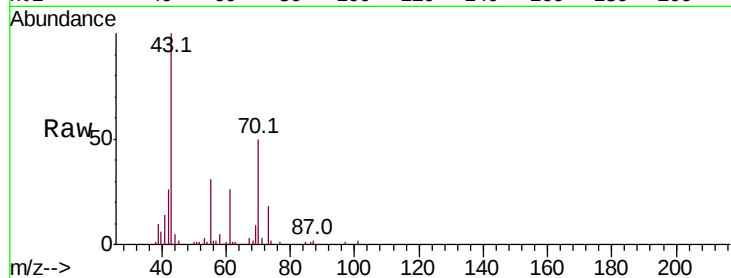




#74
N-amvl acetate
Concen: 18.655 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

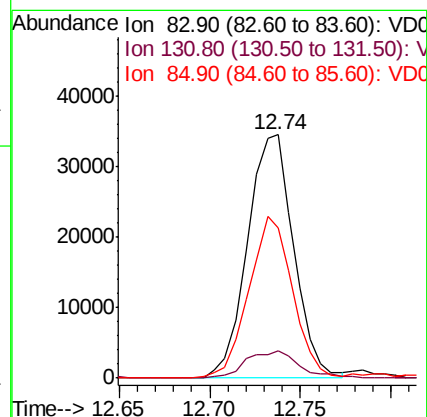
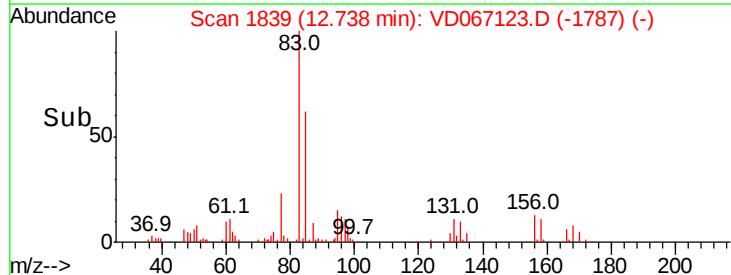
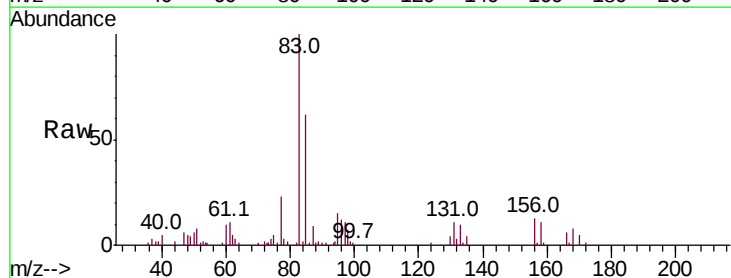
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

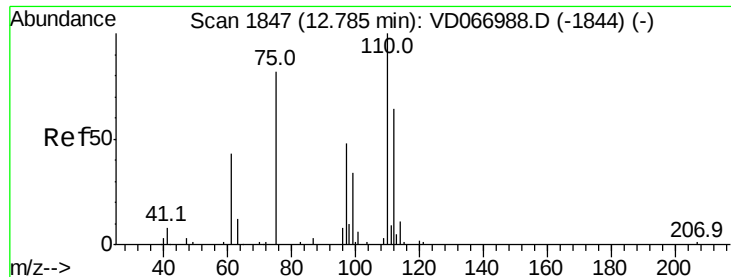
Tot Ion:	43	Resp:	59055
Ion	Ratio	Lower	Upper
43	100		
70	50.6	38.2	57.2
55	29.8	22.4	33.6
61	26.0	20.6	31.0



#75
1,1,2,2-Tetrachloroethane
Concen: 20.514 ug/l
RT: 12.74 min Scan# 1839
Delta R.T. 0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion:	83	Resp:	60863
Ion	Ratio	Lower	Upper
83	100		
131	13.0	5.7	17.0
85	63.1	32.0	96.2

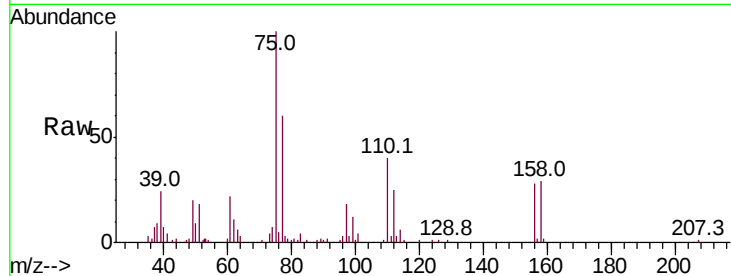




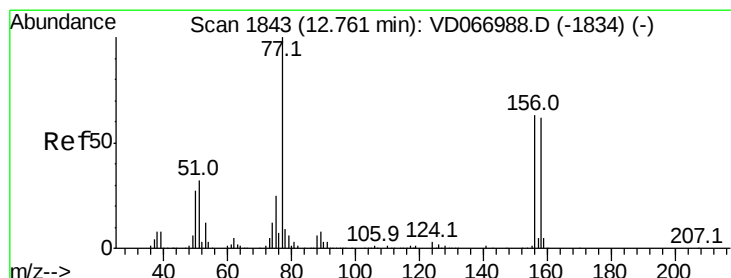
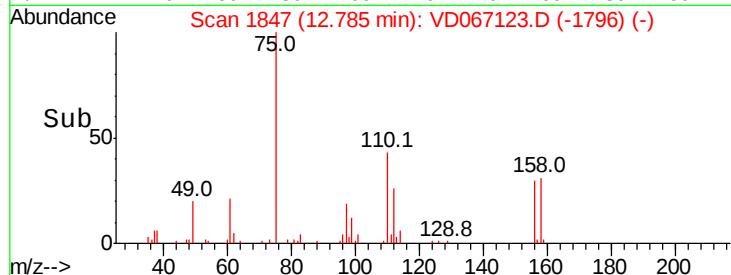
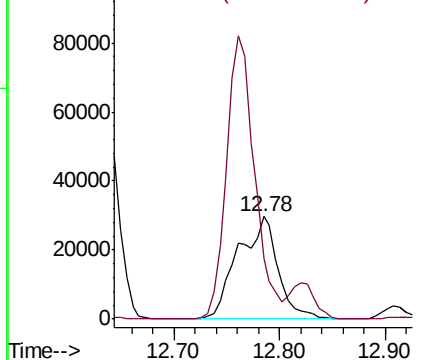
#76
1,2,3-Trichloropropane
Concen: 34.714 ug/l
RT: 12.78 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBSD02

Tot Ion: 75 Resp: 78416
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

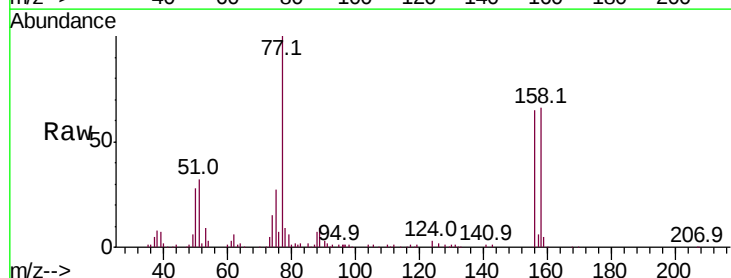


Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC

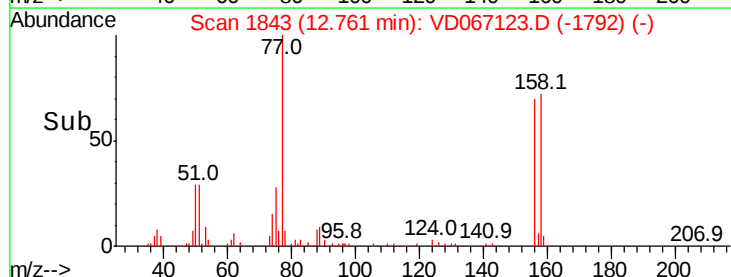
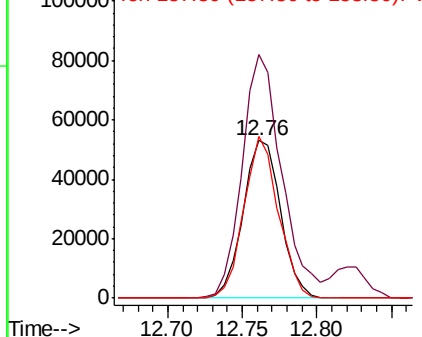


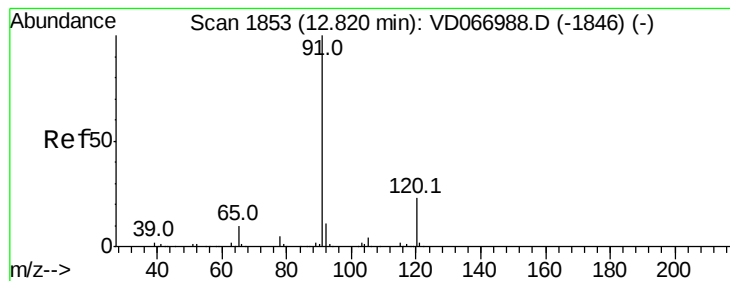
#77
Bromobenzene
Concen: 21.622 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 156 Resp: 91937
Ion Ratio Lower Upper
156 100
77 164.2 86.3 258.8
158 94.9 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 20.589 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

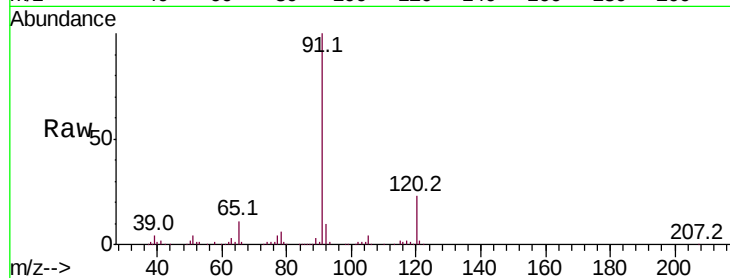
VD1006SBS02

Tot Ion: 91 Resp: 428489

Ion Ratio Lower Upper

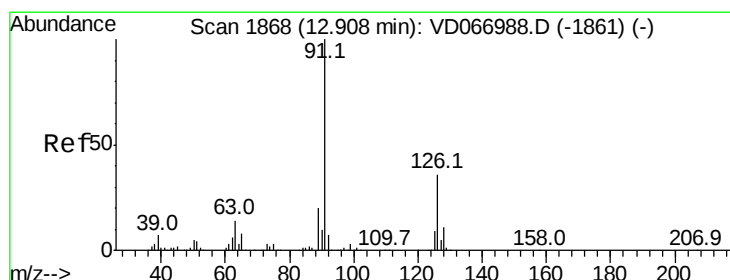
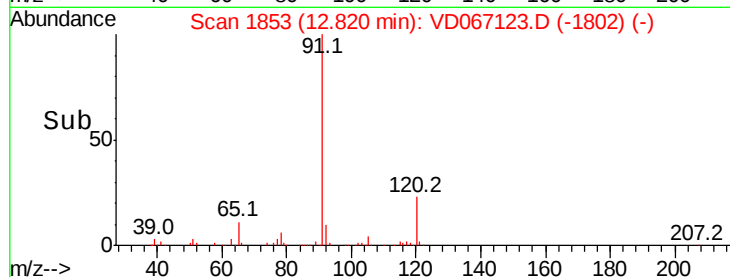
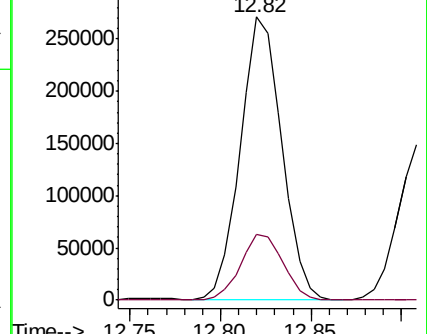
91 100

120 23.9 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): VDC



#79

2-Chlorotoluene

Concen: 20.965 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067123.D

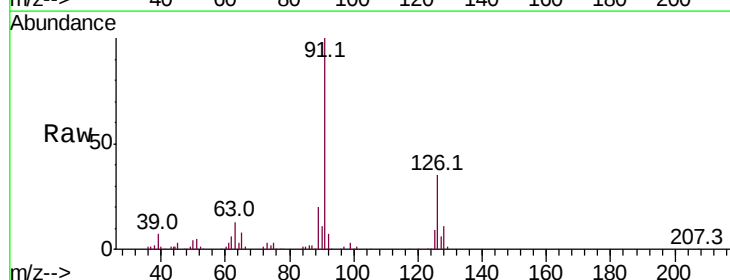
Acq: 06 Oct 2020 23:34

Tgt Ion: 91 Resp: 249633

Ion Ratio Lower Upper

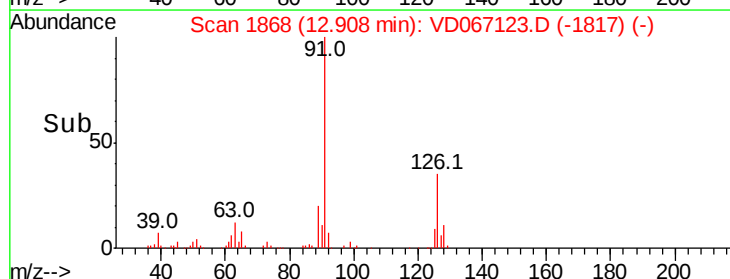
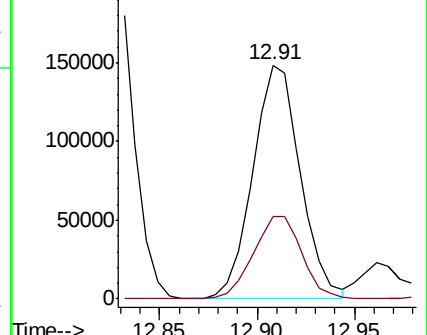
91 100

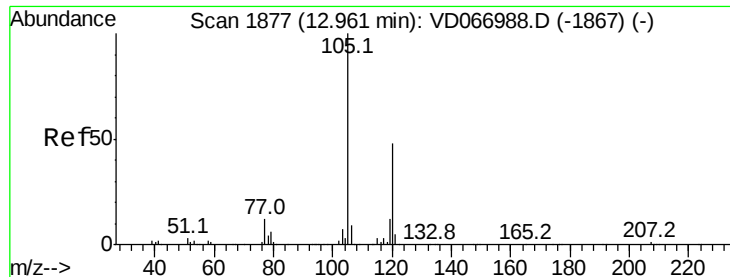
126 36.0 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC





#80

1,3,5-Trimethylbenzene

Concen: 21.424 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

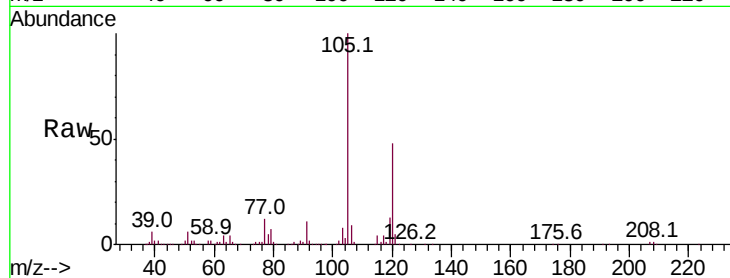
VD1006SBSD02

Tot Ion:105 Resp: 318742

Ion Ratio Lower Upper

105 100

120 50.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.96

200000

150000

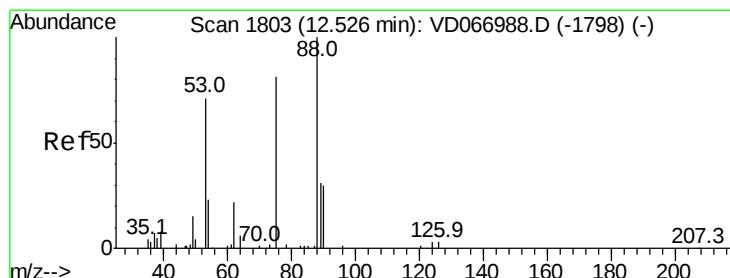
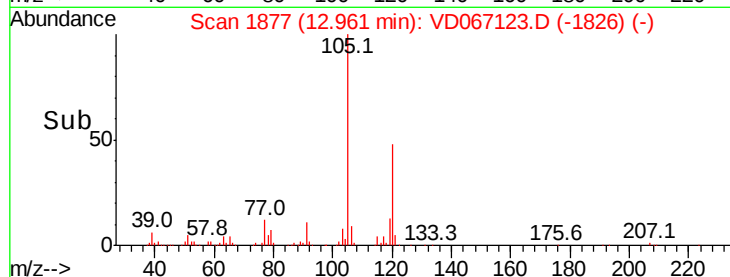
100000

50000

0

Time-->

12.90 13.00 13.10



#81

trans-1,4-Dichloro-2-butene

Concen: 18.578 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

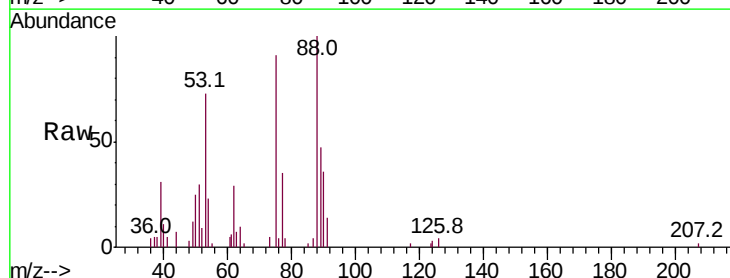
Tgt Ion: 75 Resp: 16833

Ion Ratio Lower Upper

75 100

53 93.3 73.8 110.6

89 54.4 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

12.53

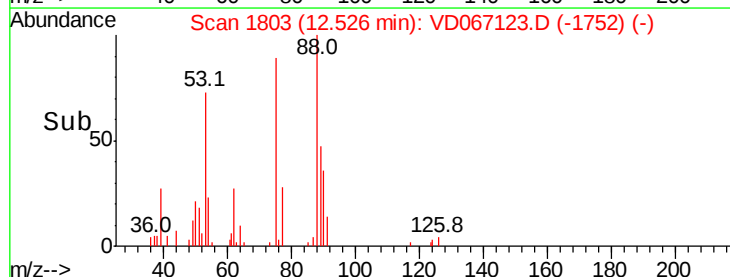
10000

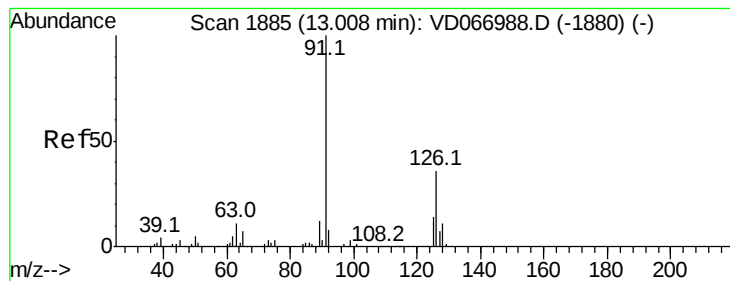
5000

0

Time-->

12.50 12.55





#82

4-Chlorotoluene

Concen: 20.894 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

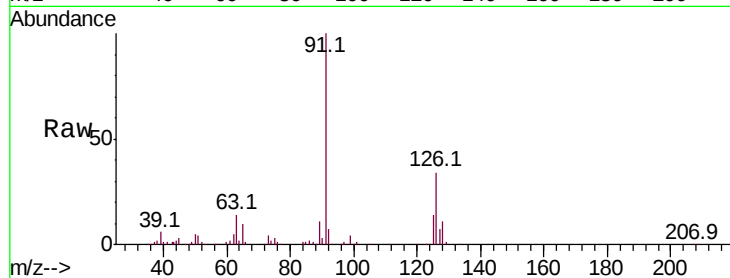
VD1006SBS02

Tot Ion: 91 Resp: 264702

Ion Ratio Lower Upper

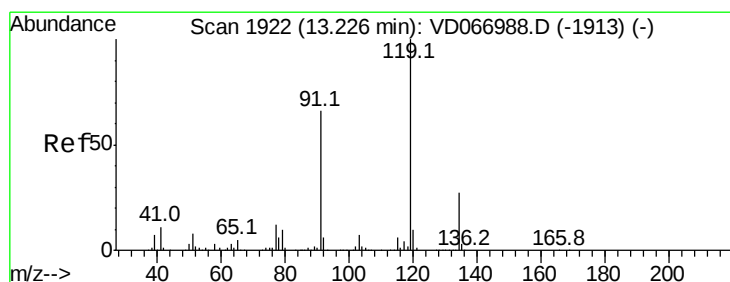
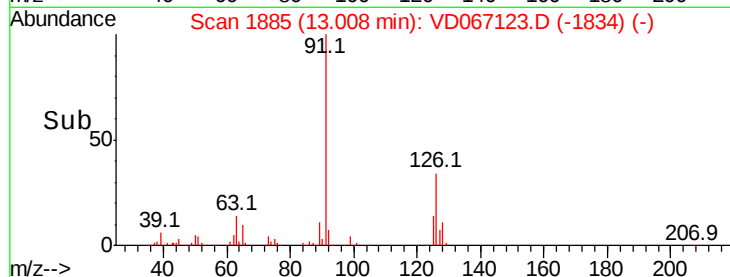
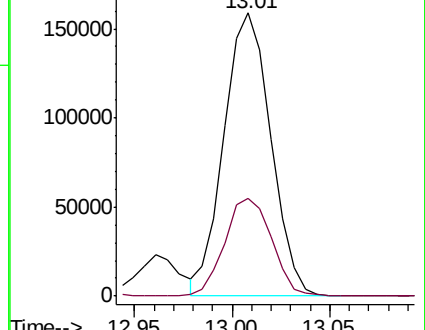
91 100

126 34.8 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 21.720 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

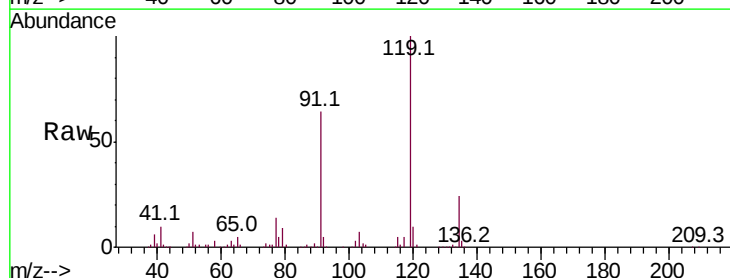
Tgt Ion: 119 Resp: 272126

Ion Ratio Lower Upper

119 100

91 62.6 32.8 98.3

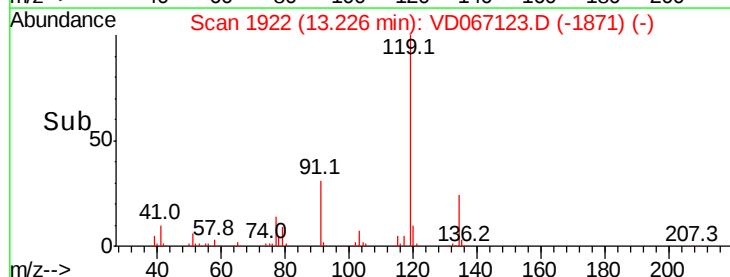
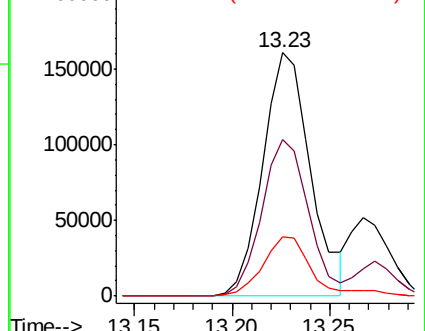
134 25.2 13.9 41.7

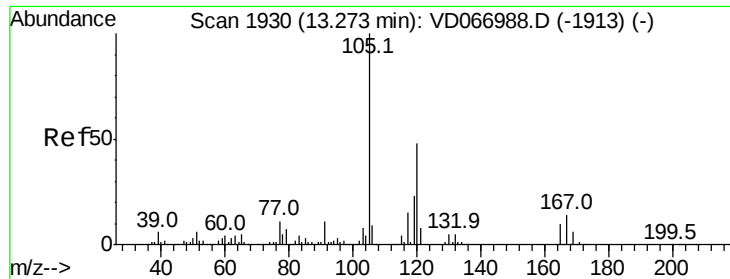


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

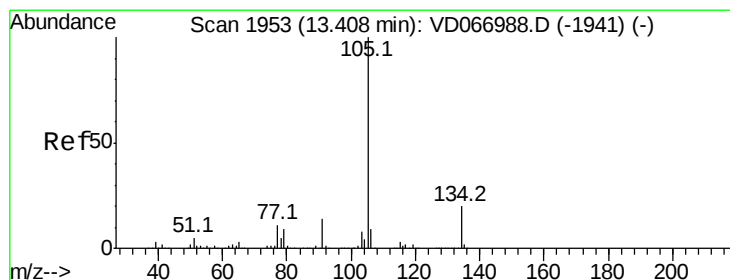
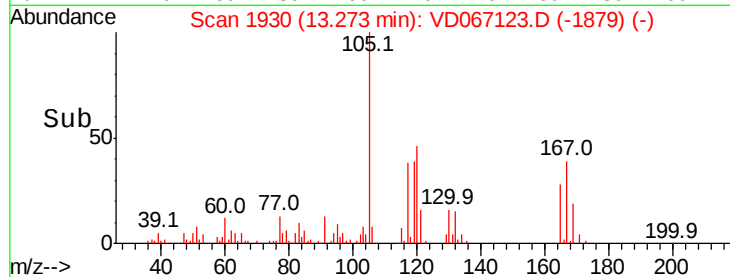
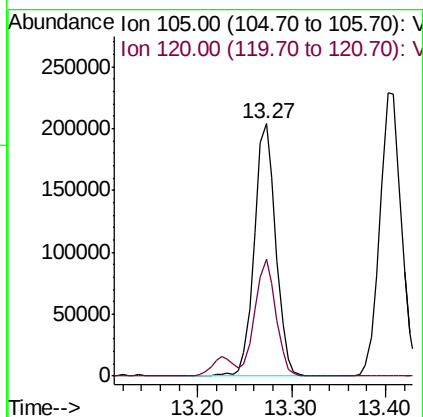
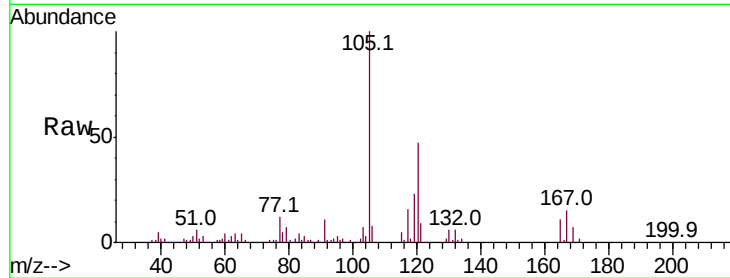




#84
 1,2,4-Trimethylbenzene
 Concen: 21.634 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

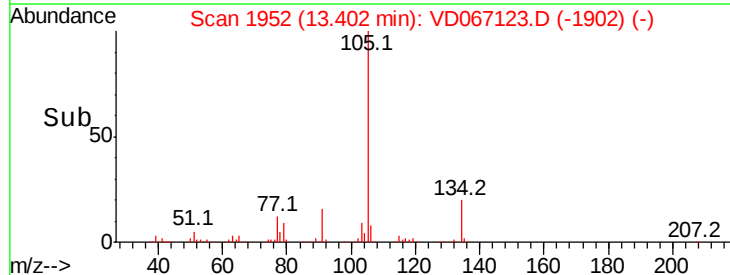
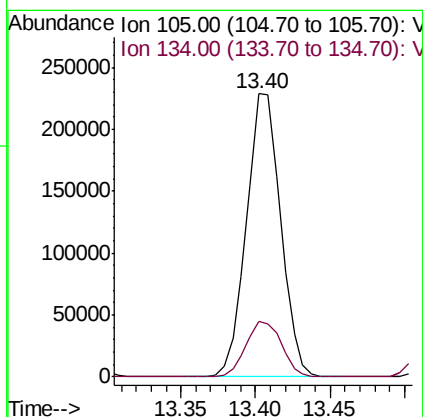
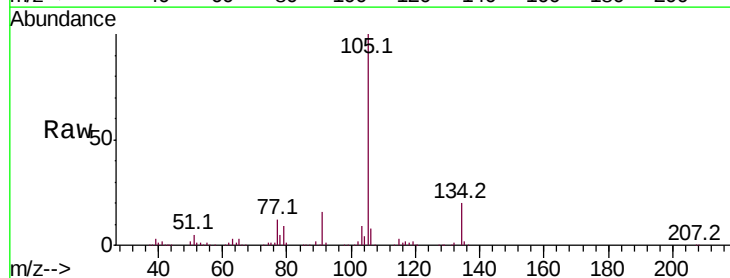
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

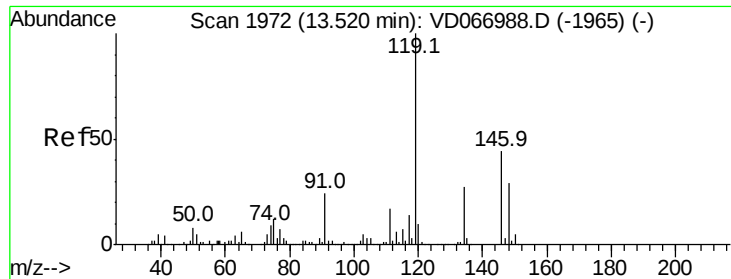
Tot Ion:105 Resp: 321217
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.3 69.8



#85
 sec-Butylbenzene
 Concen: 20.541 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion:105 Resp: 362425
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

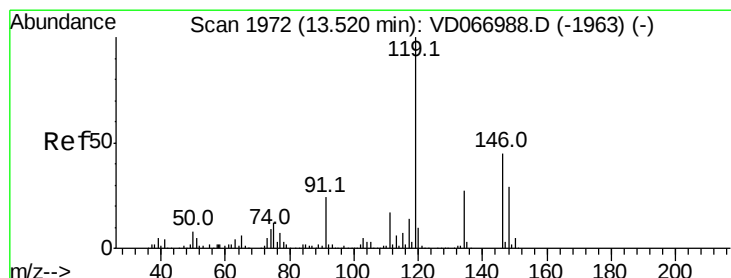
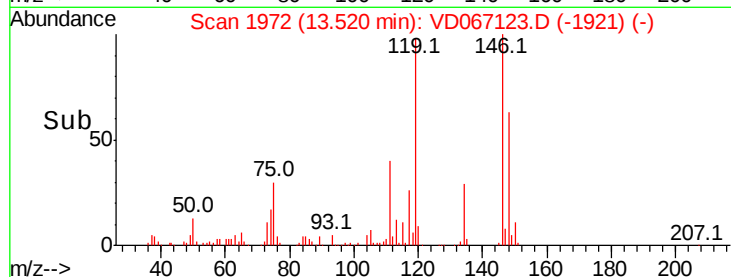
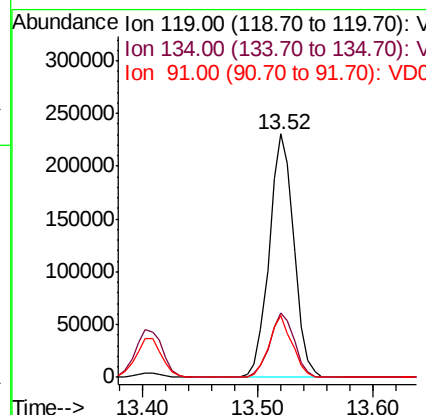
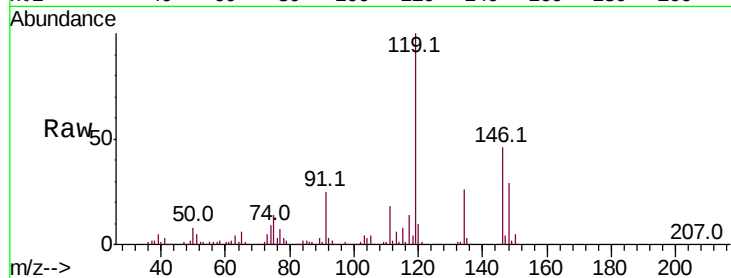




#86
p-Isopropyltoluene
Concen: 21.056 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

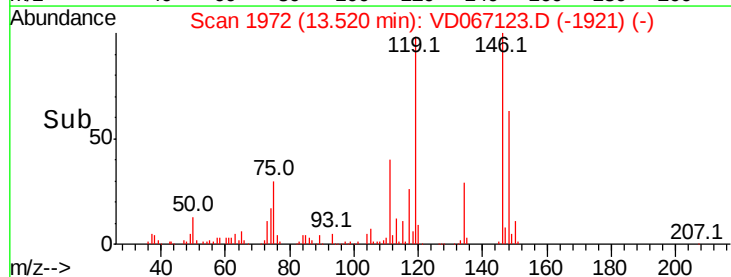
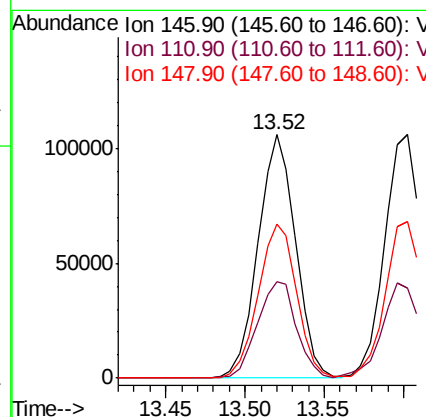
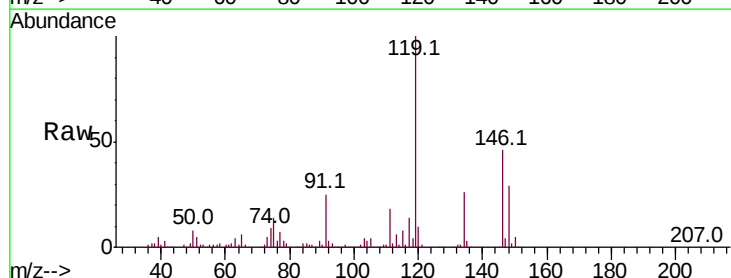
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

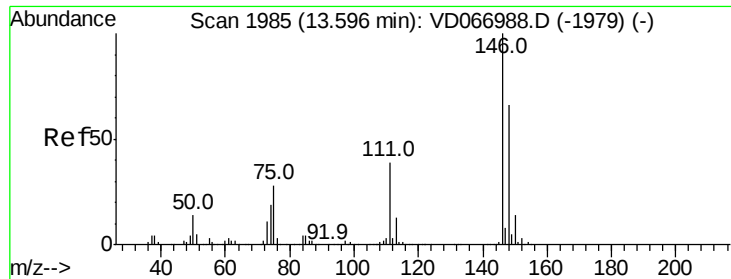
Tot Ion:119 Resp: 344428
Ion Ratio Lower Upper
119 100
134 26.5 13.1 39.1
91 23.8 11.7 35.1



#87
1,3-Dichlorobenzene
Concen: 21.075 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion:146 Resp: 174551
Ion Ratio Lower Upper
146 100
111 41.4 20.0 60.0
148 64.7 31.9 95.9

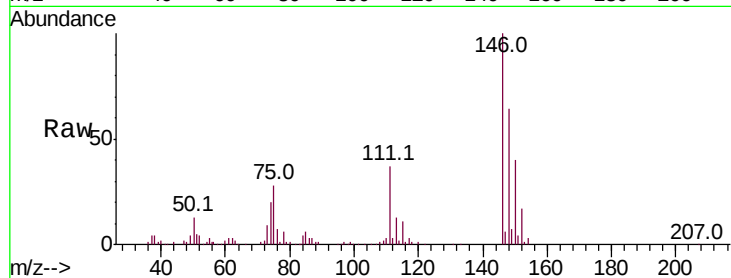




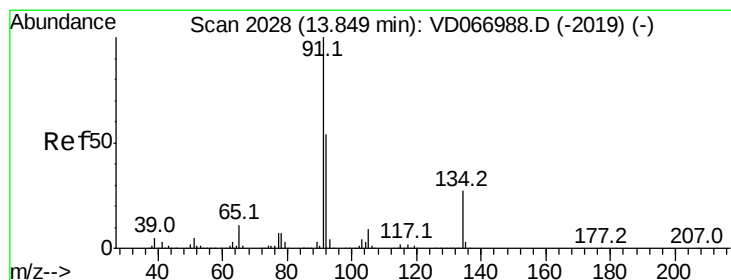
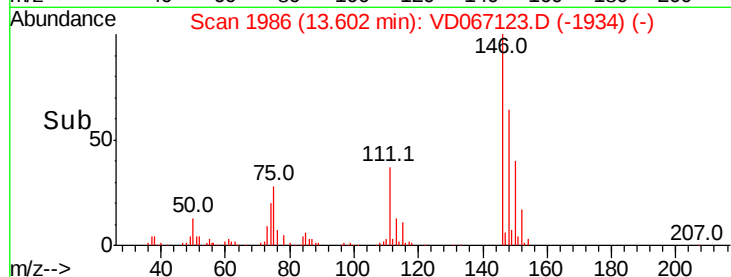
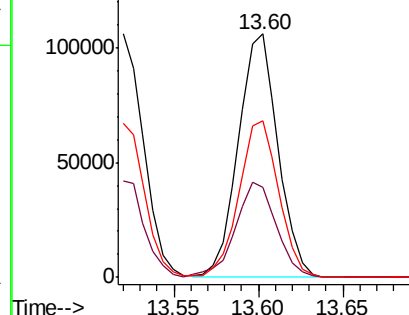
#88
 1,4-Dichlorobenzene
 Concen: 20.908 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.7
148	64.6	32.6	97.7

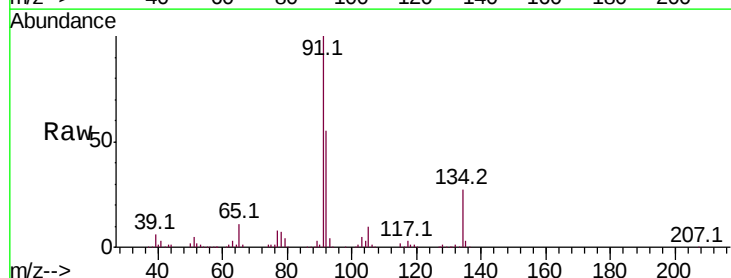


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

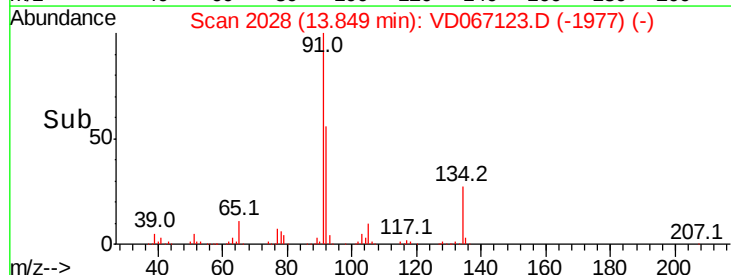
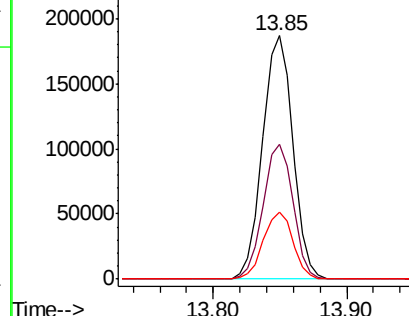


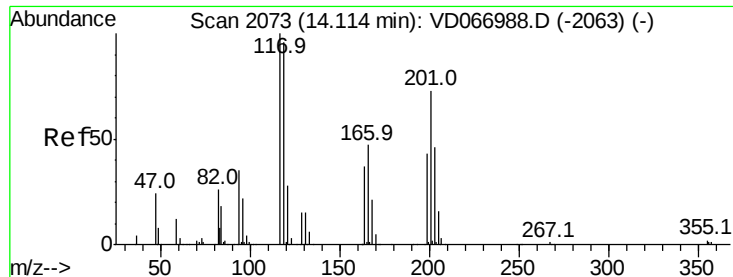
#89
 n-Butylbenzene
 Concen: 19.622 ug/l
 RT: 13.85 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.1	81.2
134	27.0	13.6	40.8



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





#90

Hexachloroethane

Concen: 20.096 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.01 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

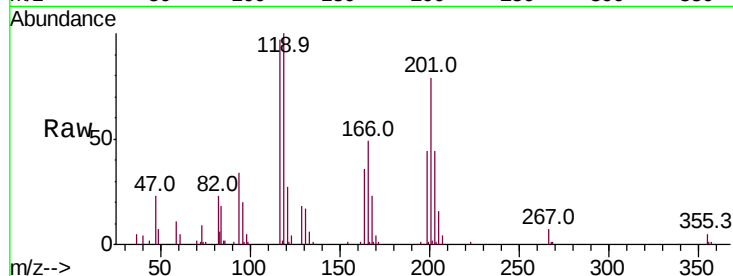
VD1006SBSD02

Tot Ion:117 Resp: 57581

Ion Ratio Lower Upper

117 100

201 75.6 37.0 110.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.12

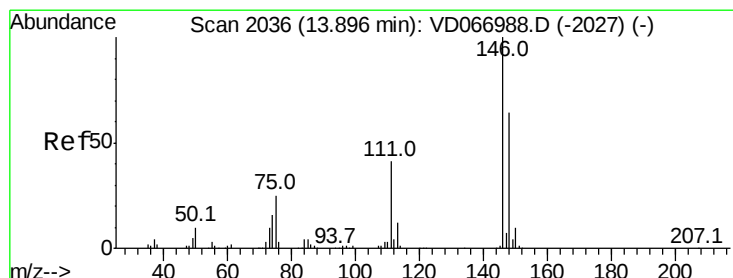
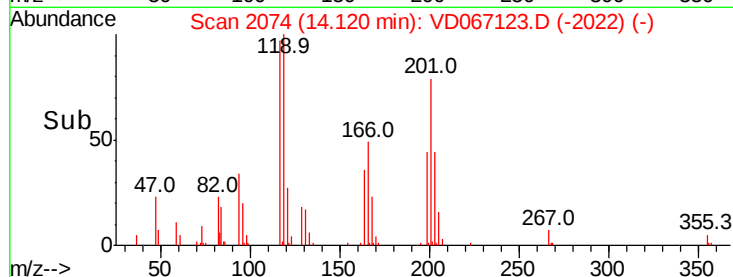
30000

20000

10000

0

Time--> 14.05 14.10 14.15



#91

1,2-Dichlorobenzene

Concen: 20.822 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

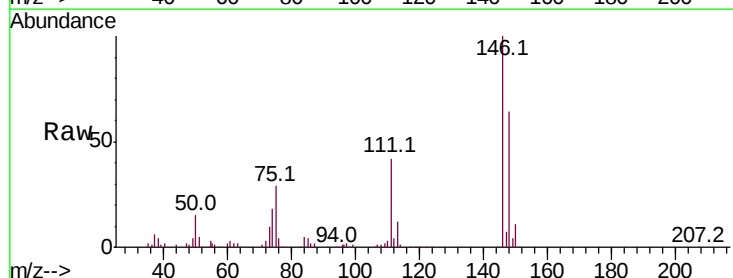
Tgt Ion:146 Resp: 150607

Ion Ratio Lower Upper

146 100

111 43.8 20.9 62.7

148 65.1 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

120000

100000

80000

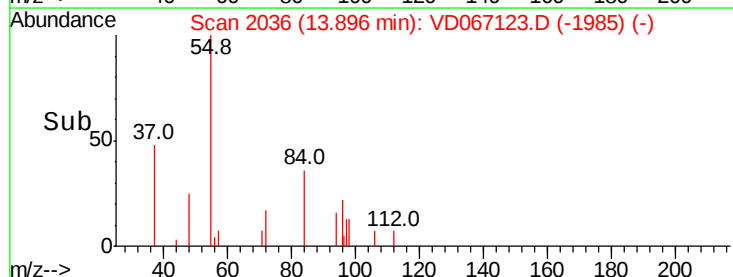
60000

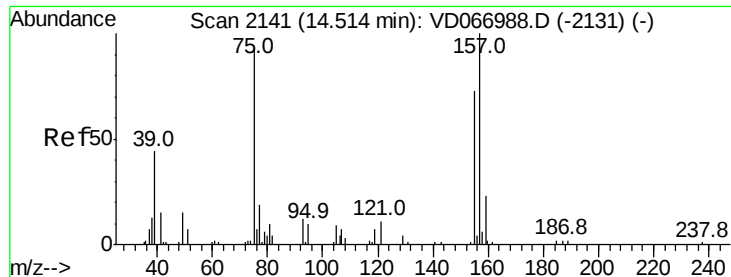
40000

20000

0

Time--> 13.80 13.85 13.90 13.95

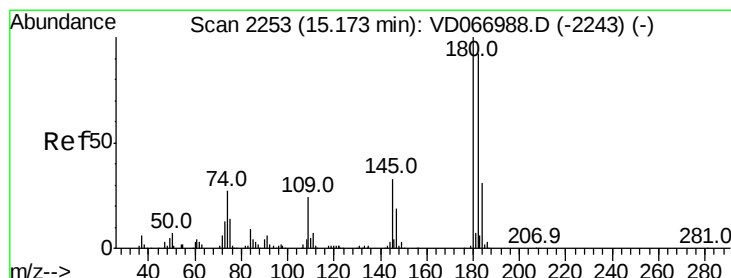
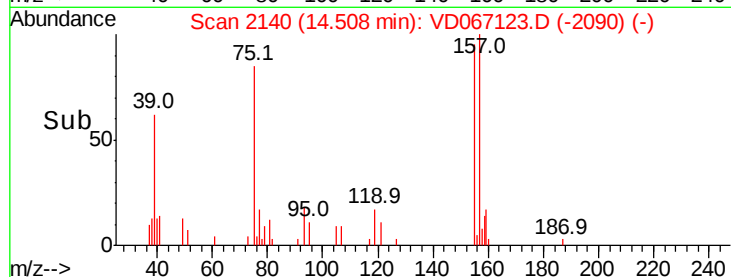
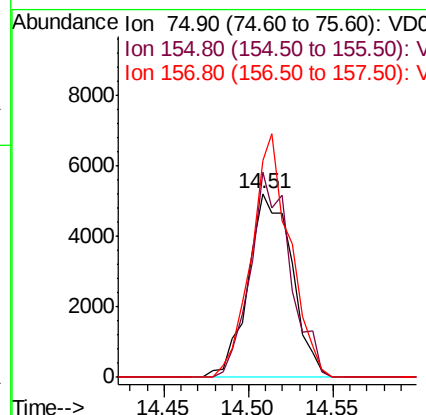
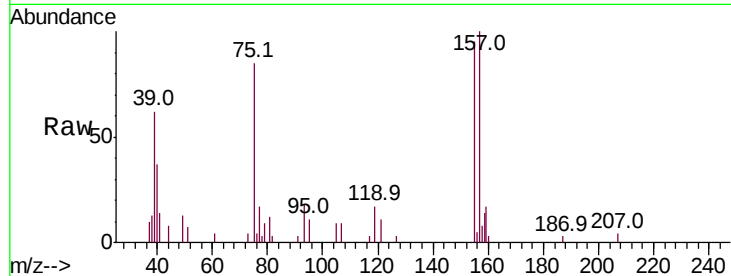




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.581 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

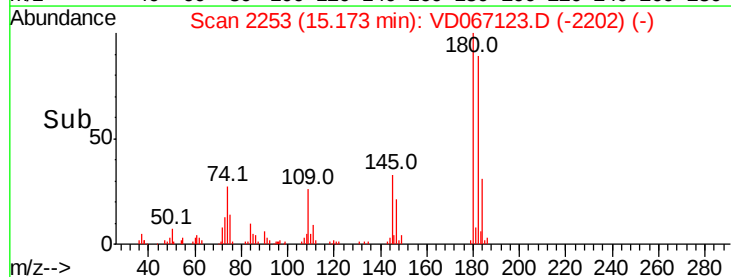
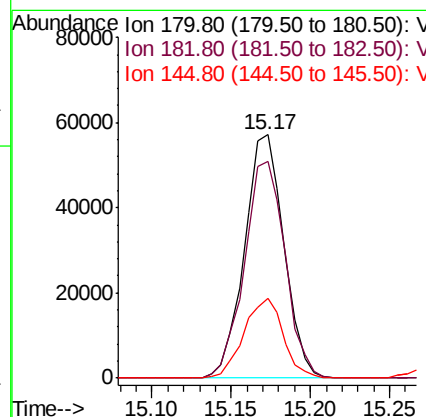
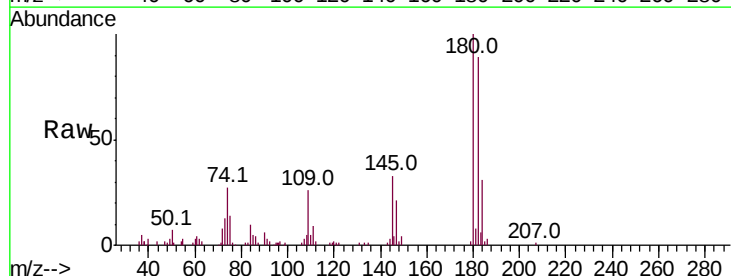
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBSD02

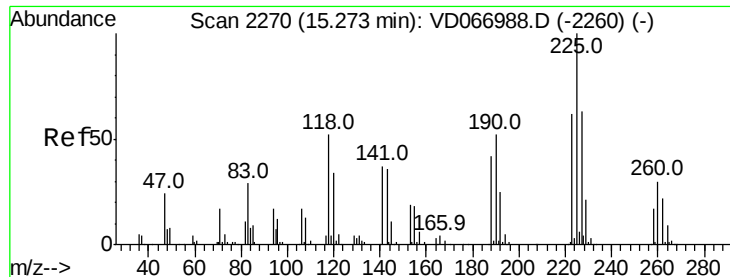
Tot Ion: 75 Resp: 9365
 Ion Ratio Lower Upper
 75 100
 155 102.0 45.2 135.6
 157 116.5 56.3 168.8



#93
 1,2,4-Trichlorobenzene
 Concen: 21.096 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion:180 Resp: 98703
 Ion Ratio Lower Upper
 180 100
 182 91.9 47.3 142.0
 145 32.7 16.4 49.1





#94

Hexachlorobutadiene

Concen: 20.531 ug/l

RT: 15.27 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD02

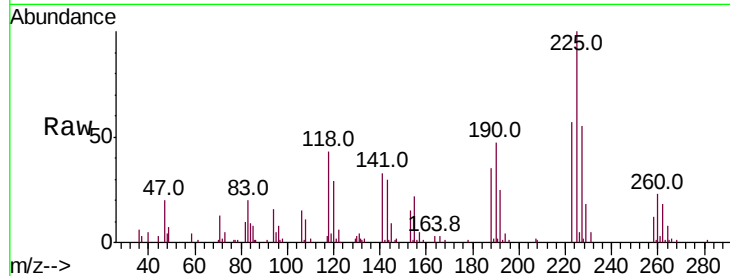
Tot Ion:225 Resp: 58993

Ion Ratio Lower Upper

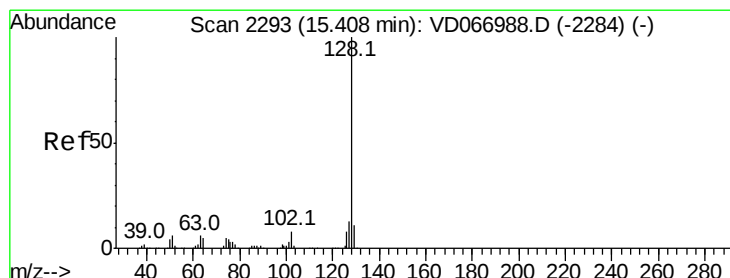
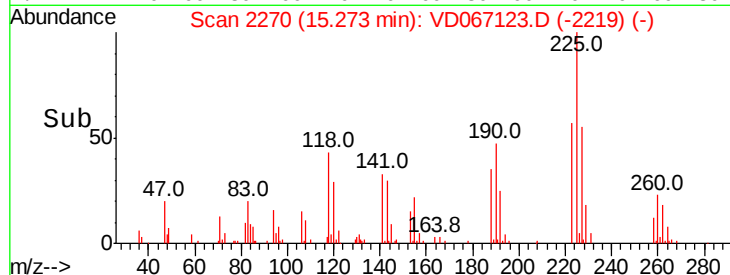
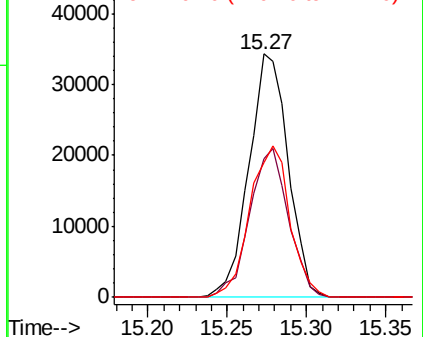
225 100

223 60.6 32.4 97.0

227 63.9 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 20.628 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

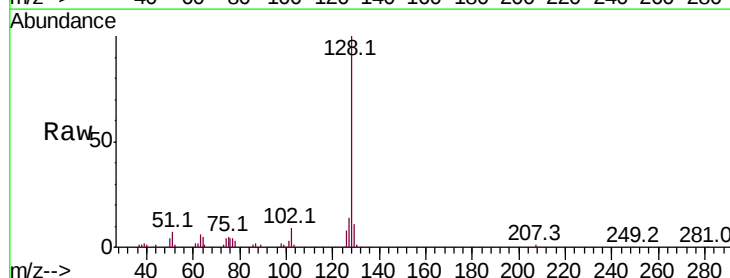
Tgt Ion:128 Resp: 160975

Ion Ratio Lower Upper

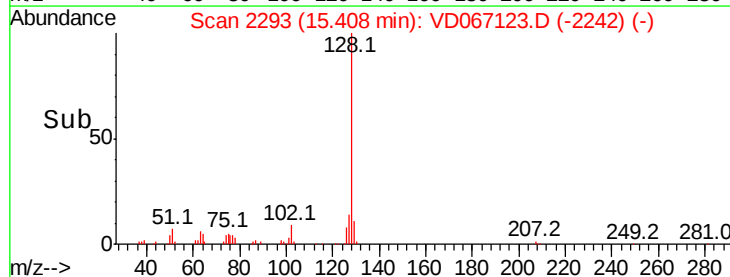
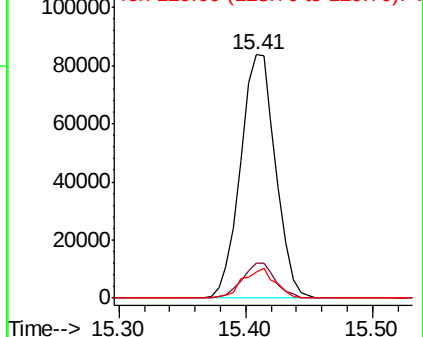
128 100

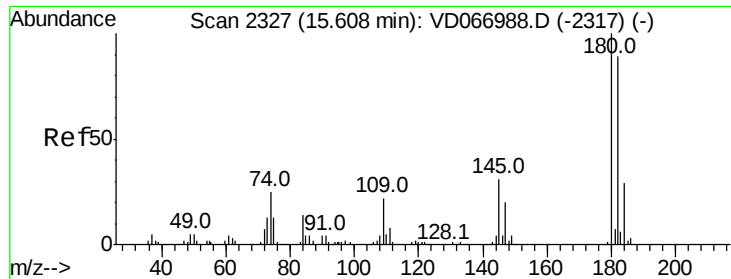
127 13.6 10.3 15.5

129 11.3 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: 21.164 ug/l
 RT: 15.60 min Scan# 2326
 Delta R.T. -0.01 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.4	139.1
145	34.3	16.6	49.7

