

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067010.D
 Acq On : 02 Oct 2020 00:35
 Operator : VA/SY
 Sample : VD1001SBSD02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBSD02

Quant Time: Oct 02 01:27:26 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	416303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	689884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	643081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	317588	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	230979	57.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.20%	
35) Dibromofluoromethane	7.91	113	249434	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
50) Toluene-d8	10.34	98	905497	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
62) 4-Bromofluorobenzene	12.63	95	310873	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	75398	19.470	ug/l	95
3) Chloromethane	2.21	50	71894	21.685	ug/l	93
4) Vinyl Chloride	2.35	62	65722	19.770	ug/l	99
5) Bromomethane	2.76	94	54577	23.144	ug/l	96
6) Chloroethane	2.92	64	42162	20.826	ug/l	96
7) Trichlorofluoromethane	3.27	101	139595	18.901	ug/l	99
8) Diethyl Ether	3.71	74	38696	21.128	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	80937	19.388	ug/l	97
10) Methyl Iodide	4.30	142	80772	19.913	ug/l	97
11) Tert butyl alcohol	5.21	59	33486	116.558	ug/l #	87
12) 1,1-Dichloroethene	4.06	96	74851	19.073	ug/l	97
13) Acrolein	3.93	56	26992	100.530	ug/l	95
14) Allyl chloride	4.71	41	103474	20.297	ug/l	99
15) Acrylonitrile	5.43	53	74508	110.533	ug/l	97
16) Acetone	4.15	43	61849	101.044	ug/l	98
17) Carbon Disulfide	4.41	76	246307	20.451	ug/l	96
18) Methyl Acetate	4.71	43	35778	23.256	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	154340	21.544	ug/l	96
20) Methylene Chloride	4.96	84	136014	28.132	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	92713	20.759	ug/l	97
22) Diisopropyl ether	6.36	45	209564	22.516	ug/l #	93
23) Vinyl Acetate	6.30	43	563094	106.765	ug/l	98
24) 1,1-Dichloroethane	6.26	63	154681	21.535	ug/l	96
25) 2-Butanone	7.22	43	93125	107.310	ug/l	99
26) 2,2-Dichloropropane	7.21	77	123241	17.373	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	105576	22.134	ug/l	95
28) Bromochloromethane	7.54	49	56573	20.394	ug/l	97
29) Tetrahydrofuran	7.56	42	54009	108.237	ug/l	98
30) Chloroform	7.71	83	169990	21.816	ug/l	97
31) Cyclohexane	7.98	56	111215	18.468	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	145590	20.161	ug/l	98
36) 1,1-Dichloropropene	8.11	75	122232	19.008	ug/l	99
37) Ethyl Acetate	7.30	43	41263	18.523	ug/l	99
38) Carbon Tetrachloride	8.10	117	131107	18.844	ug/l	90

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	120368	17.705	ug/l	96
40) Benzene	8.35	78	362604	20.301	ug/l	100
41) Methacrylonitrile	7.53	41	21894	18.192	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	102333	20.504	ug/l	98
43) Isopropyl Acetate	8.45	43	84289	20.539	ug/l	99
44) Trichloroethene	9.11	130	102598	19.237	ug/l	100
45) 1,2-Dichloropropane	9.38	63	89809	21.400	ug/l	96
46) Dibromomethane	9.47	93	50439	20.911	ug/l	98
47) Bromodichloromethane	9.66	83	131321	20.945	ug/l	92
48) Methyl methacrylate	9.46	41	42240	20.091	ug/l	93
49) 1,4-Dioxane	9.46	88	10500	417.098	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	211027	103.235	ug/l	98
52) Toluene	10.40	92	239589	20.824	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	113258	20.211	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	134604	19.671	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	69779	20.808	ug/l	88
56) Ethyl methacrylate	10.66	69	71111	20.539	ug/l	96
57) 1,3-Dichloropropane	10.94	76	115095	21.165	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	204109	105.919	ug/l	99
59) 2-Hexanone	10.98	43	138216	101.306	ug/l	98
60) Dibromochloromethane	11.14	129	91724	20.522	ug/l	96
61) 1,2-Dibromoethane	11.24	107	68595	21.291	ug/l	98
64) Tetrachloroethene	10.87	164	89934	19.236	ug/l	96
65) Chlorobenzene	11.67	112	258018	20.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	98717	20.291	ug/l	99
67) Ethyl Benzene	11.74	91	430991	19.667	ug/l	99
68) m/p-Xylenes	11.86	106	339435	39.745	ug/l	98
69) o-Xylene	12.18	106	154445	20.223	ug/l	95
70) Styrene	12.19	104	270167	20.601	ug/l	100
71) Bromoform	12.36	173	50806	20.118	ug/l #	97
73) Isopropylbenzene	12.48	105	408154	18.927	ug/l	98
74) N-amyl acetate	12.29	43	73167	18.874	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	71996	19.815	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	92531	33.449	ug/l #	100
77) Bromobenzene	12.76	156	103686	19.913	ug/l	99
78) n-propylbenzene	12.82	91	487786	19.140	ug/l	98
79) 2-Chlorotoluene	12.91	91	287399	19.710	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	355461	19.510	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20771	18.720	ug/l	98
82) 4-Chlorotoluene	13.01	91	301681	19.446	ug/l	98
83) tert-Butylbenzene	13.23	119	290109	18.909	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	365140	20.082	ug/l	97
85) sec-Butylbenzene	13.40	105	405725	18.778	ug/l	99
86) p-Isopropyltoluene	13.52	119	370581	18.500	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	204706	20.183	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	196903	19.416	ug/l	98
89) n-Butylbenzene	13.85	91	324332	17.716	ug/l	99
90) Hexachloroethane	14.11	117	66855	19.053	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	175008	19.758	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11451	19.551	ug/l	98

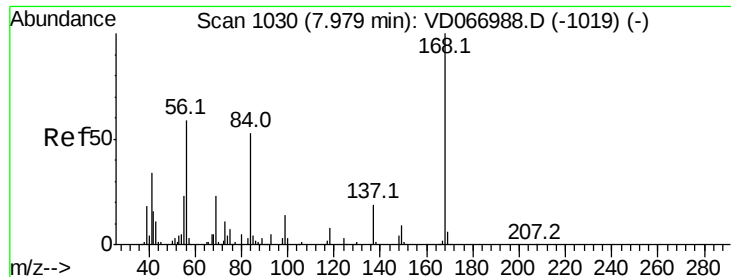
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	104678	18.270	ug/l	98
94) Hexachlorobutadiene	15.27	225	59935	17.033	ug/l	98
95) Naphthalene	15.41	128	176723	18.492	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	95924	19.286	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

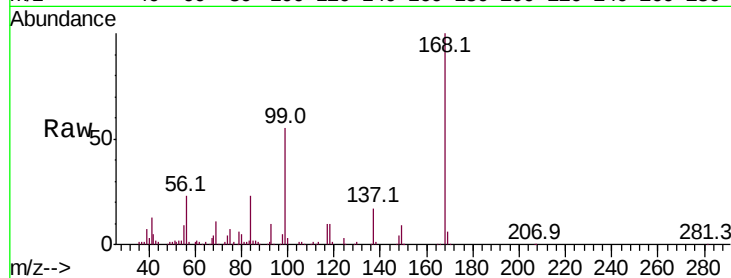
VD1001SBSD02

Tot Ion:168 Resp: 416303

Ion Ratio Lower Upper

168 100

99 54.8 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

200000

150000

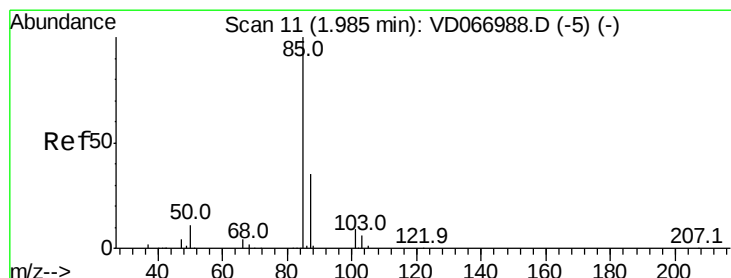
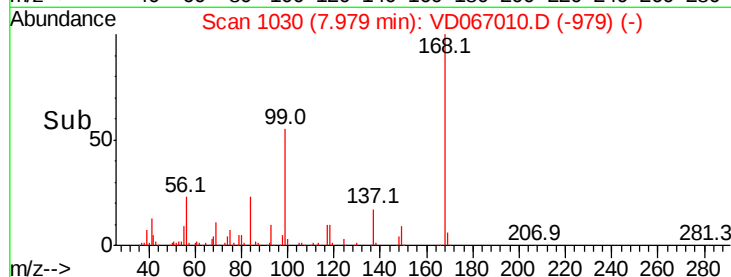
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.470 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067010.D

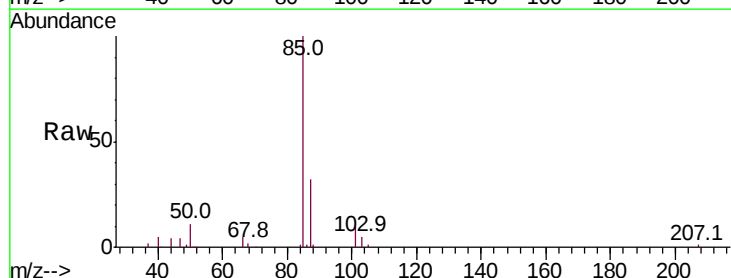
Acq: 02 Oct 2020 00:35

Tgt Ion: 85 Resp: 75398

Ion Ratio Lower Upper

85 100

87 32.0 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

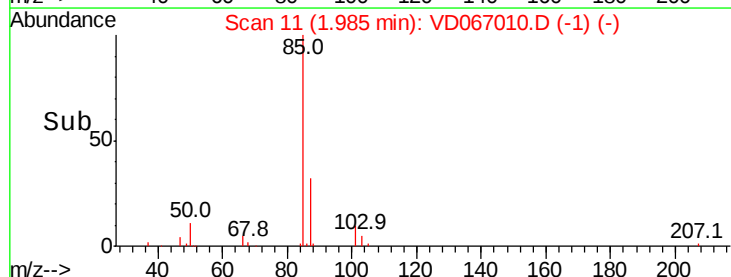
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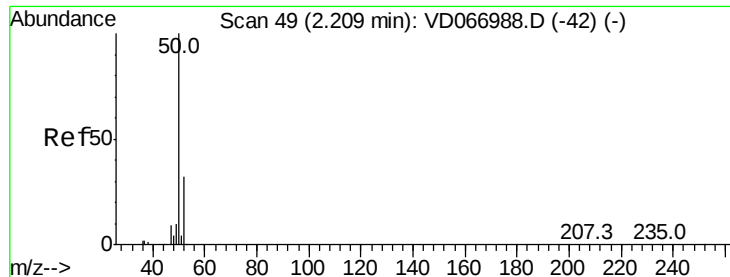
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.685 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

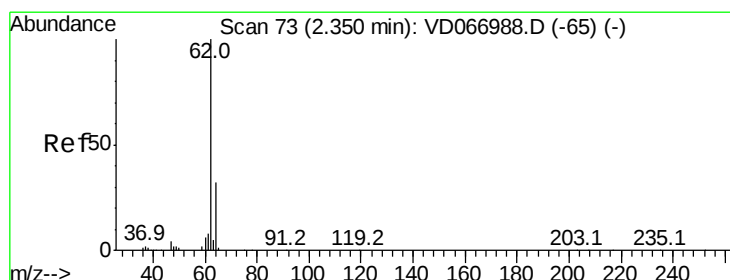
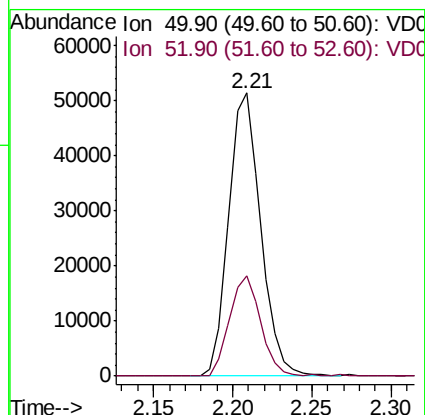
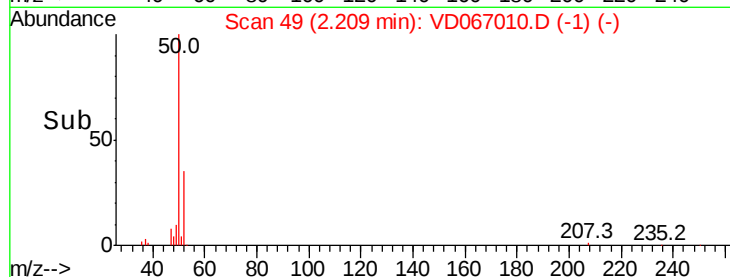
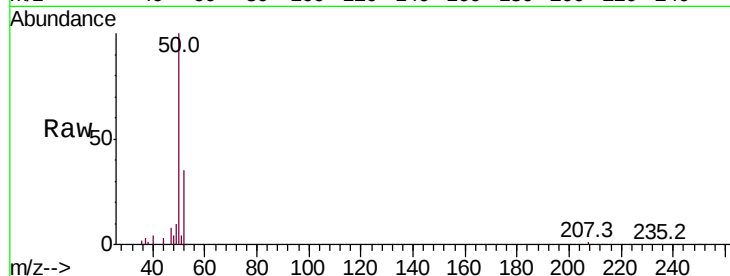
VD1001SBSD02

Tot Ion: 50 Resp: 71894

Ion Ratio Lower Upper

50 100

52 35.3 25.3 37.9



#4

Vinyl Chloride

Concen: 19.770 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067010.D

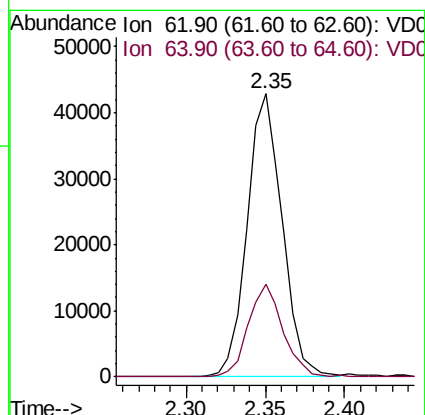
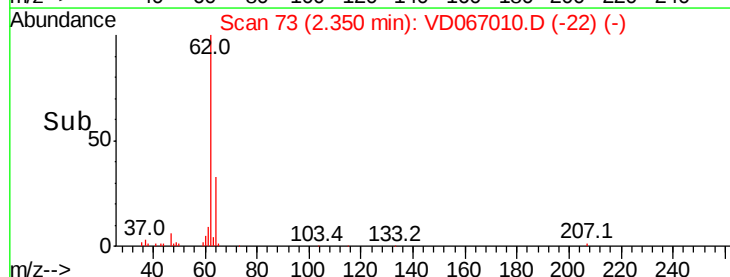
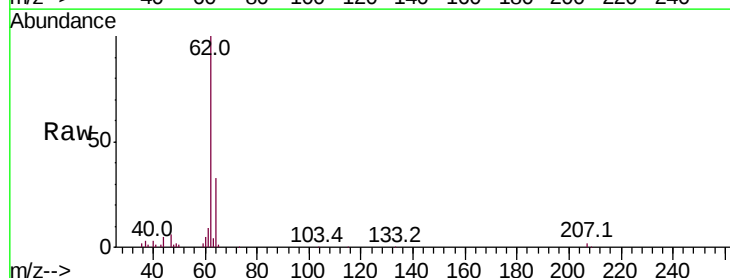
Acq: 02 Oct 2020 00:35

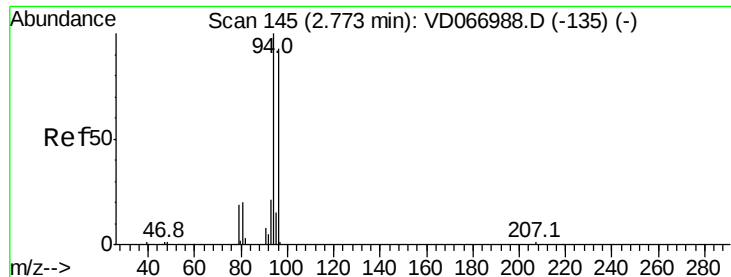
Tgt Ion: 62 Resp: 65722

Ion Ratio Lower Upper

62 100

64 32.8 25.8 38.8





#5

Bromomethane

Concen: 23.144 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

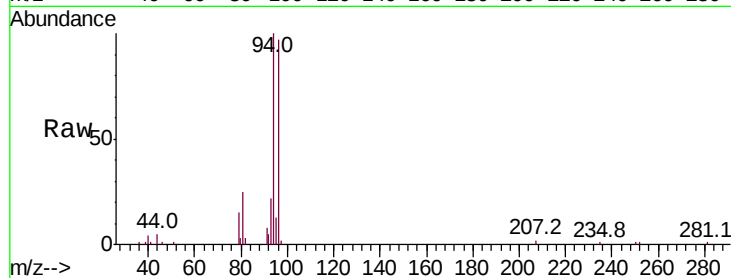
VD1001SBSD02

Tot Ion: 94 Resp: 54577

Ion Ratio Lower Upper

94 100

96 96.7 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

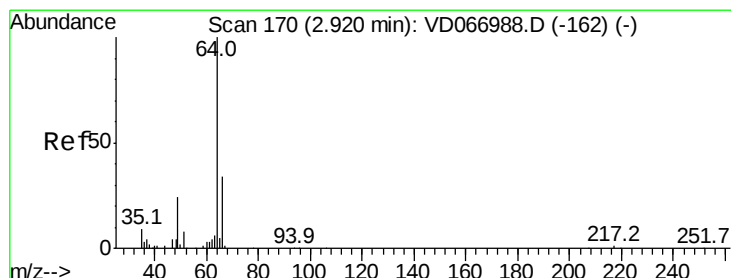
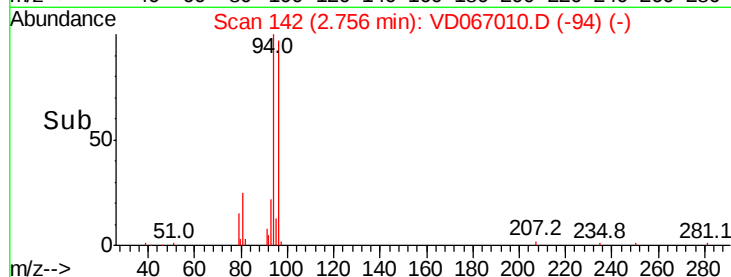
10000

5000

0

2.70 2.76 2.80

Time-->



#6

Chloroethane

Concen: 20.826 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067010.D

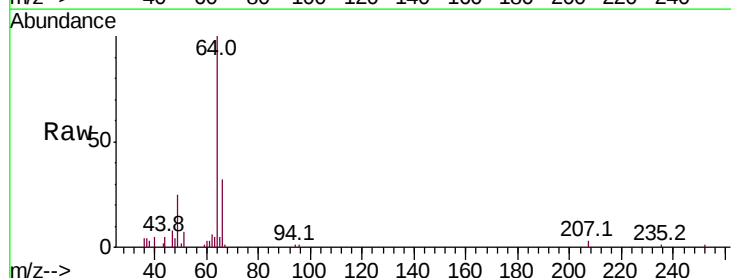
Acq: 02 Oct 2020 00:35

Tgt Ion: 64 Resp: 42162

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

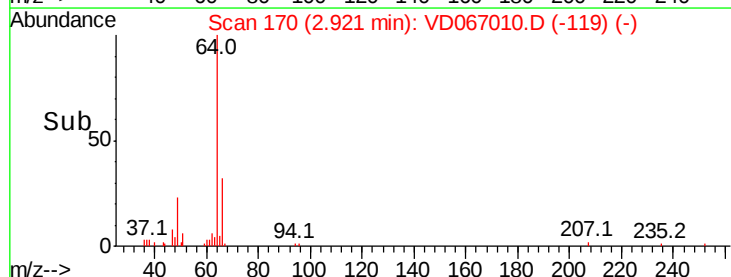
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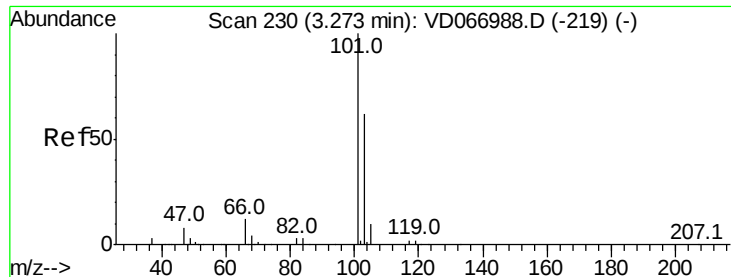
5000

0

2.85 2.90 2.92 2.95 3.00

Time-->



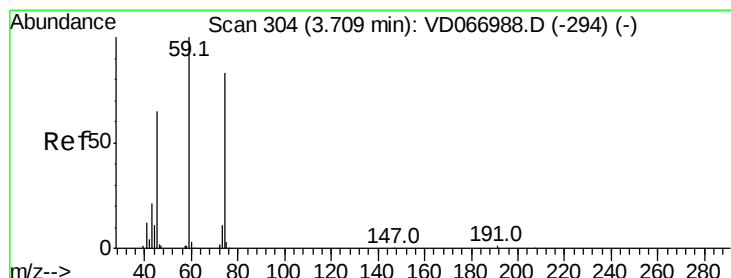
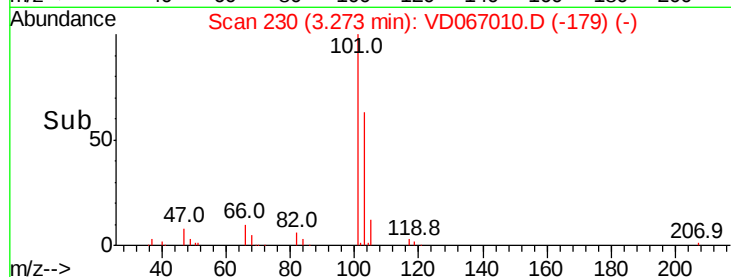
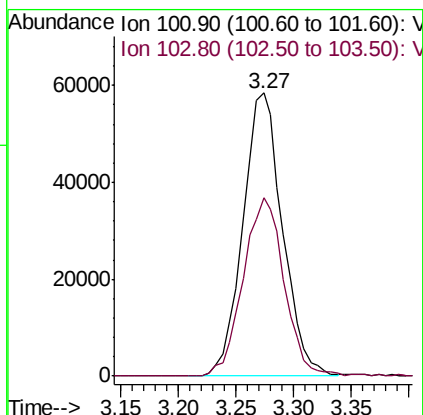
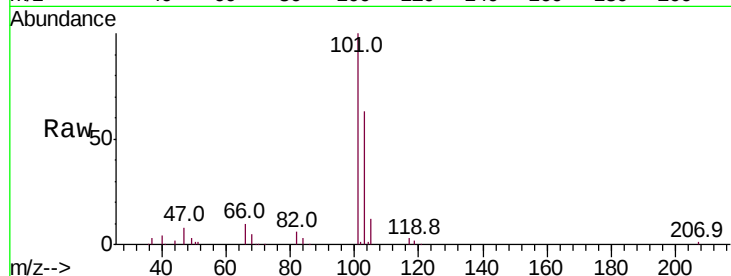


#7

Trichlorofluoromethane
 Concen: 18.901 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

Instrument :
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 VD1001SBSD02

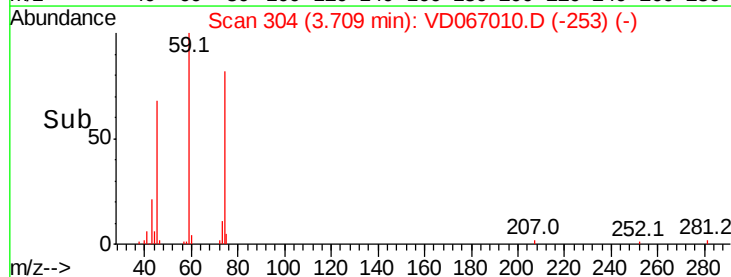
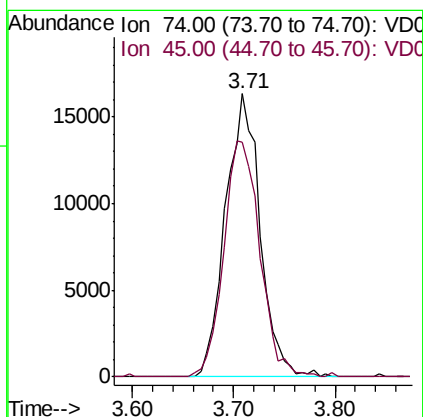
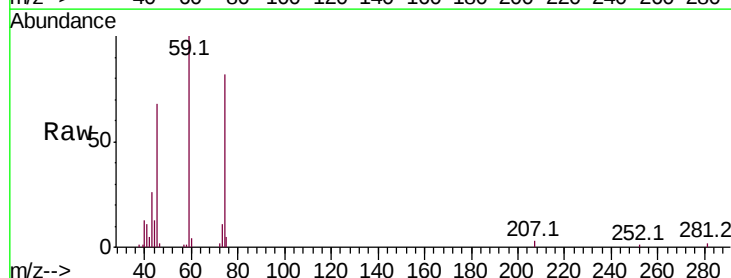
Tot Ion:101 Resp: 139595
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.8 74.8

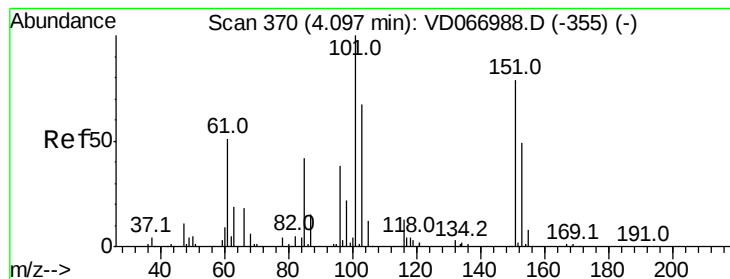


#8

Diethyl Ether
 Concen: 21.128 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

Tgt Ion: 74 Resp: 38696
 Ion Ratio Lower Upper
 74 100
 45 86.9 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.388 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBSD02

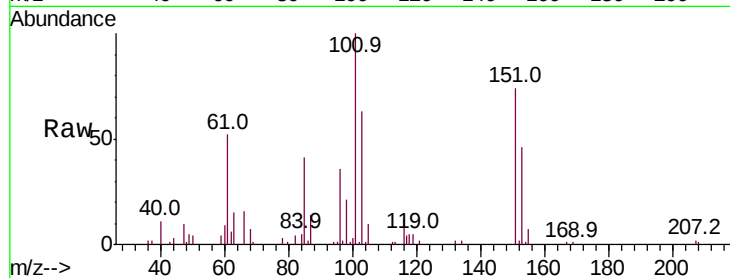
Tot Ion:101 Resp: 80937

Ion Ratio Lower Upper

101 100

85 41.3 33.8 50.8

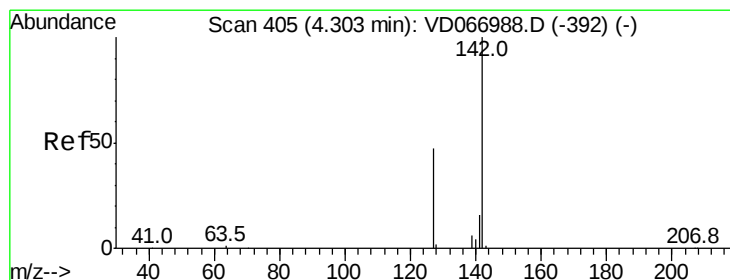
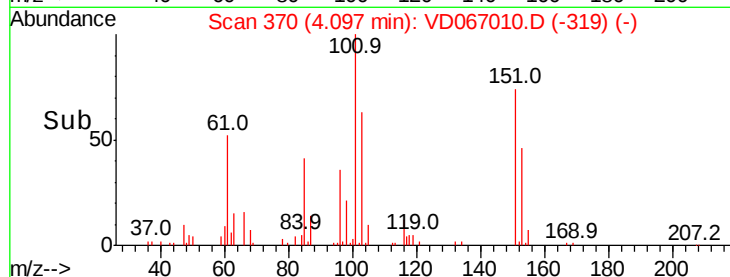
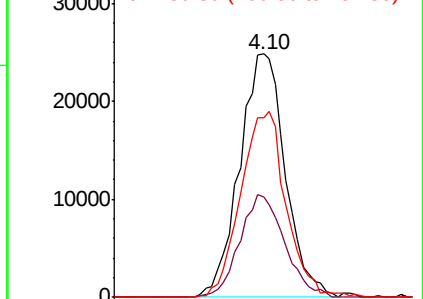
151 76.1 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.913 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

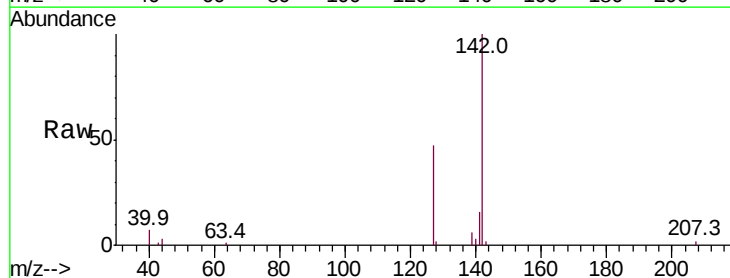
Tgt Ion:142 Resp: 80772

Ion Ratio Lower Upper

142 100

127 48.0 36.3 54.5

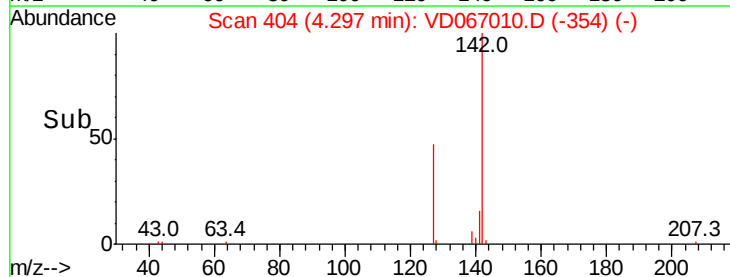
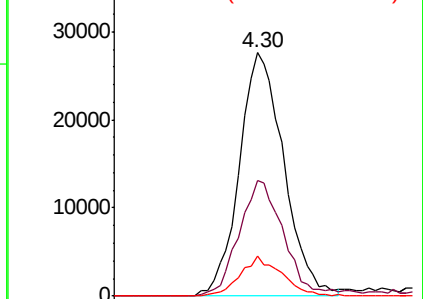
141 15.2 12.0 18.0

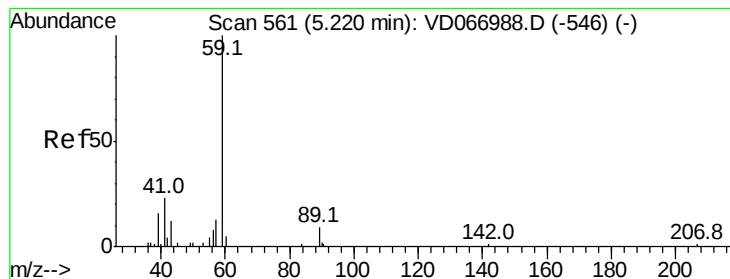


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 116.558 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

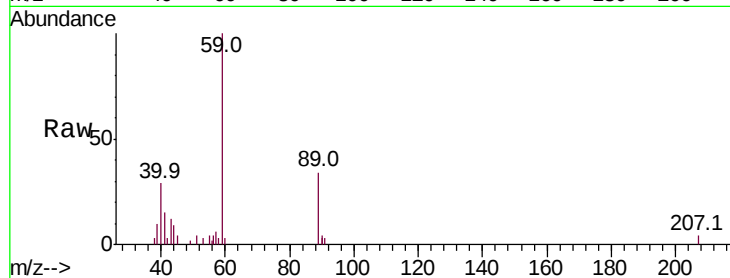
VD1001SBSD02

Tot Ion: 59 Resp: 33486

Ion Ratio Lower Upper

59 100

57 5.3 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

8000

6000

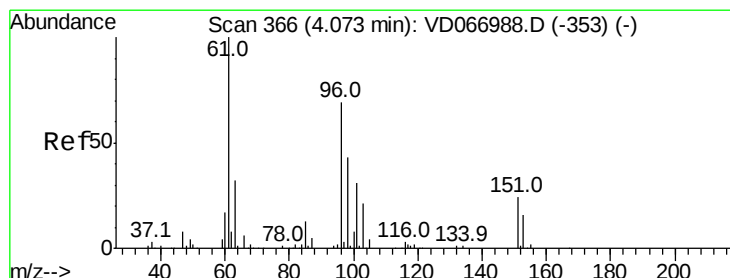
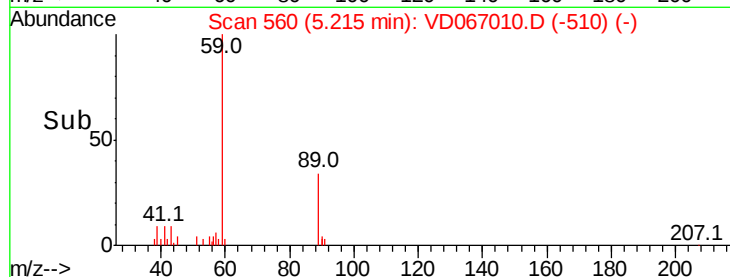
4000

2000

0

Time-->

5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 19.073 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

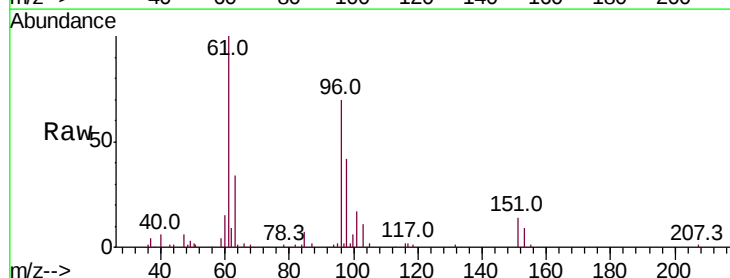
Tgt Ion: 96 Resp: 74851

Ion Ratio Lower Upper

96 100

61 142.4 116.4 174.6

98 59.5 49.9 74.9



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

4.06

50000

40000

30000

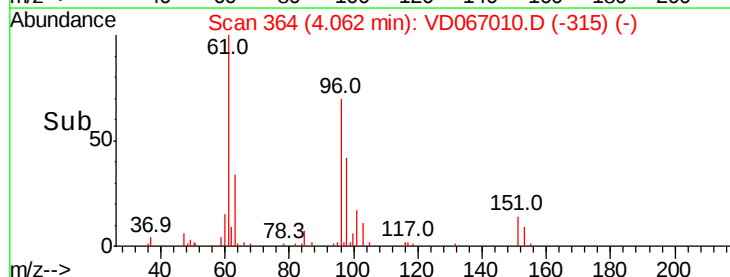
20000

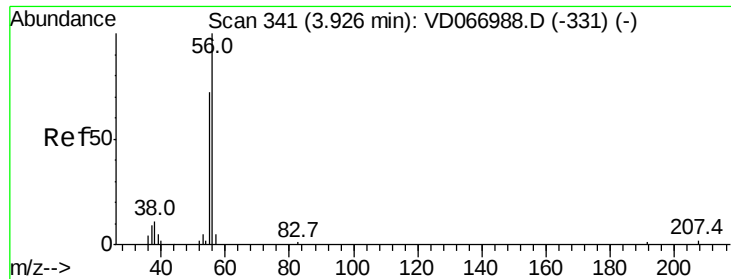
10000

0

Time-->

4.00 4.10

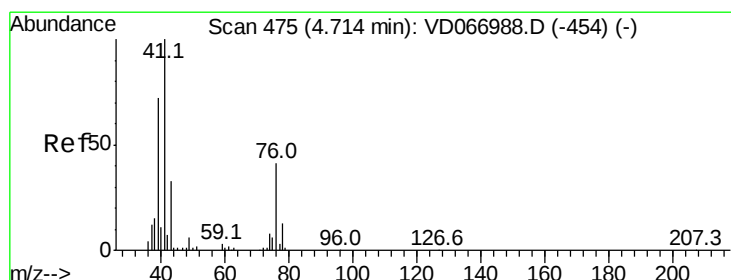
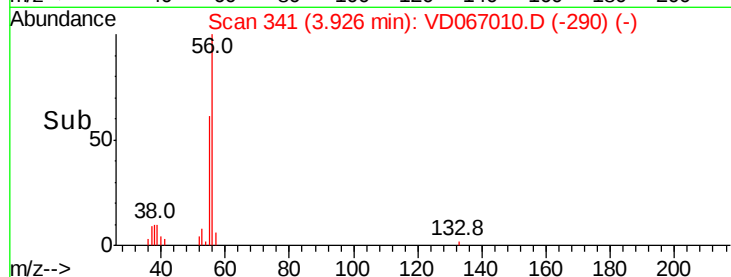
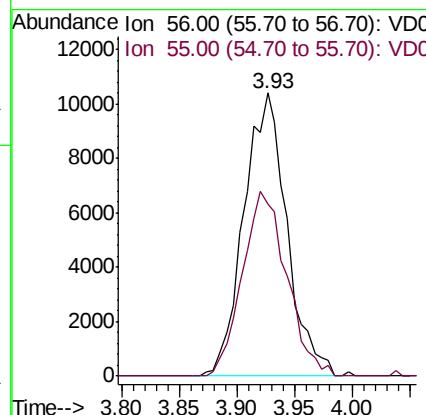
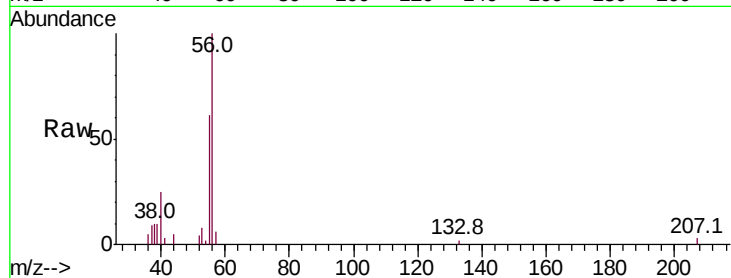




#13
Acrolein
Concen: 100.530 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

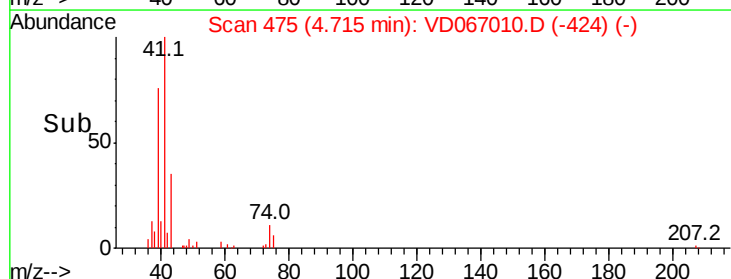
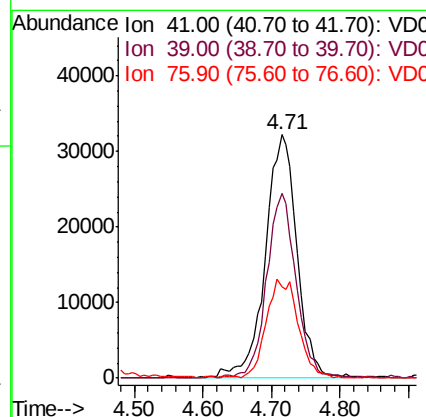
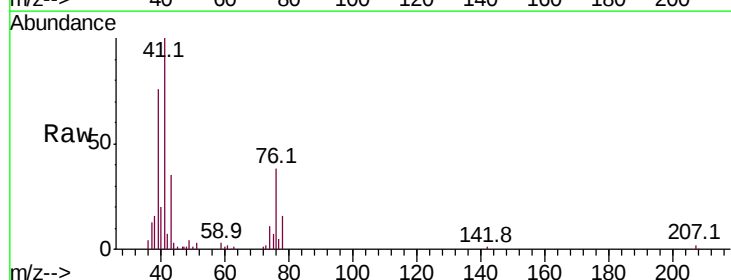
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBSD02

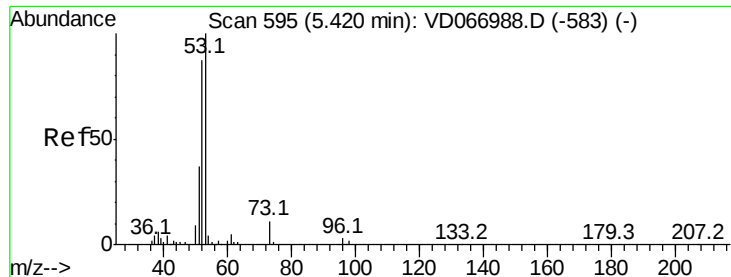
Tot Ion: 56 Resp: 26992
Ion Ratio Lower Upper
56 100
55 67.2 56.9 85.3



#14
Allyl chloride
Concen: 20.297 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion: 41 Resp: 103474
Ion Ratio Lower Upper
41 100
39 70.7 56.2 84.2
76 41.0 34.2 51.2





#15

Acrylonitrile

Concen: 110.533 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

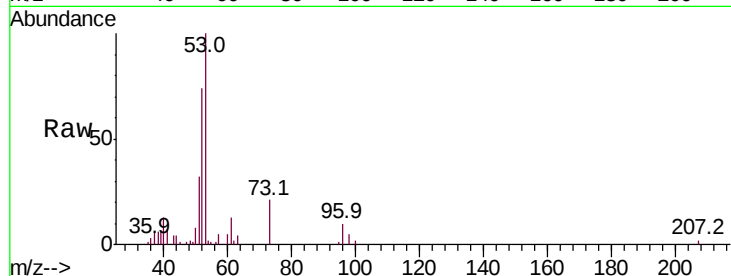
Tot Ion: 53 Resp: 74508

Ion Ratio Lower Upper

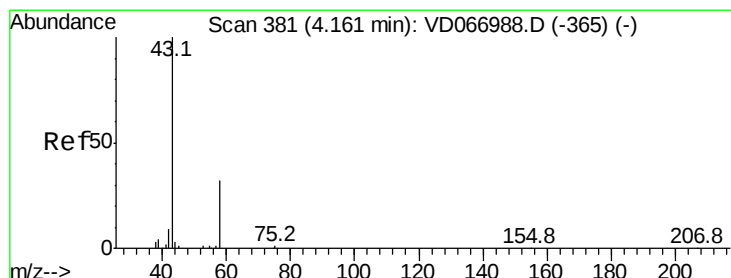
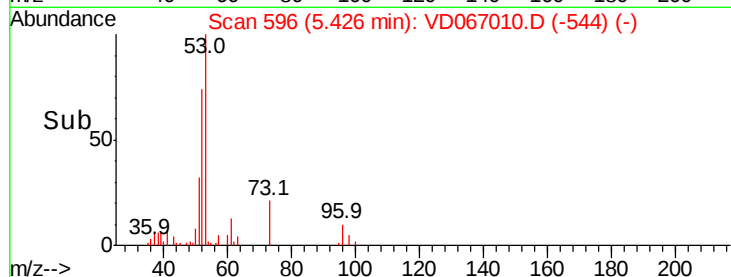
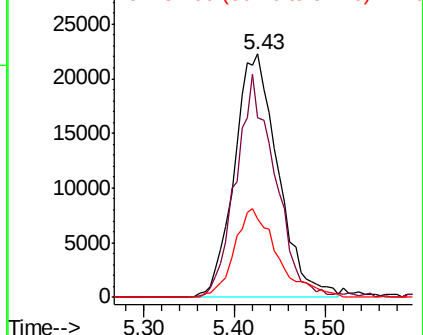
53 100

52 81.6 67.3 100.9

51 35.9 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: 101.044 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067010.D

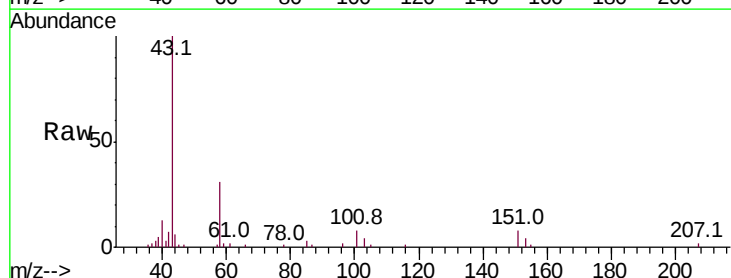
Acq: 02 Oct 2020 00:35

Tgt Ion: 43 Resp: 61849

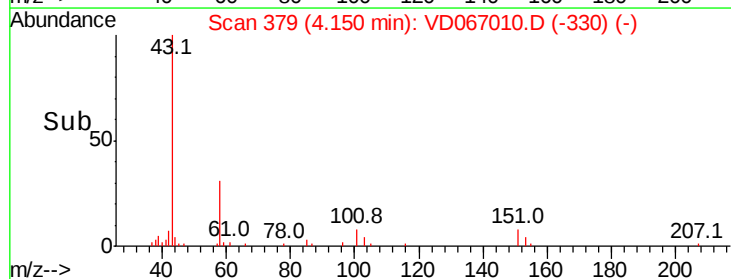
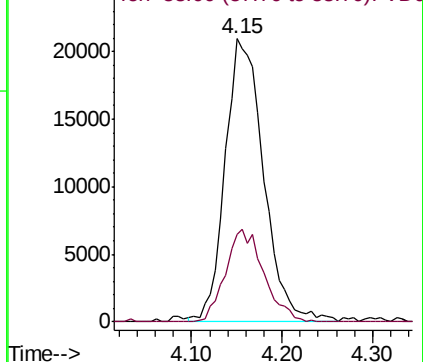
Ion Ratio Lower Upper

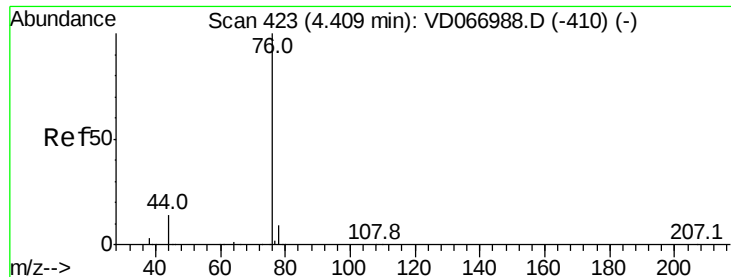
43 100

58 31.0 25.9 38.9



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

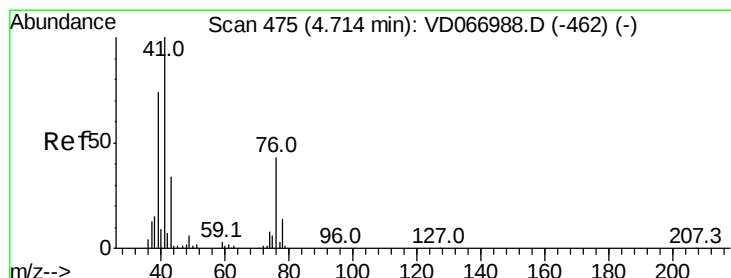
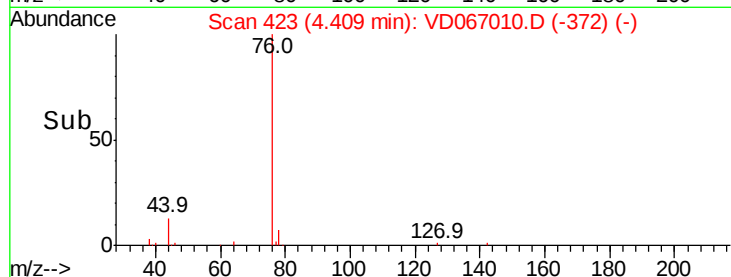
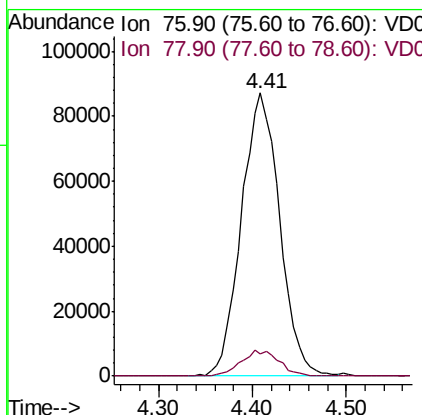
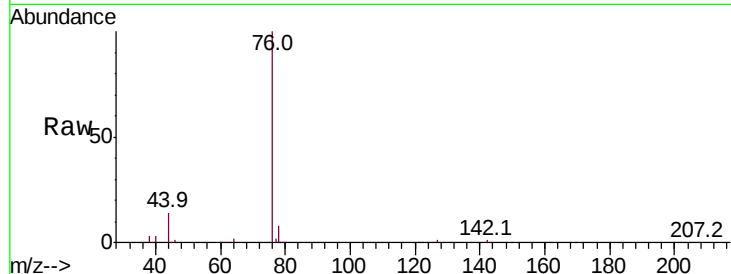




#17
Carbon Disulfide
Concen: 20.451 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

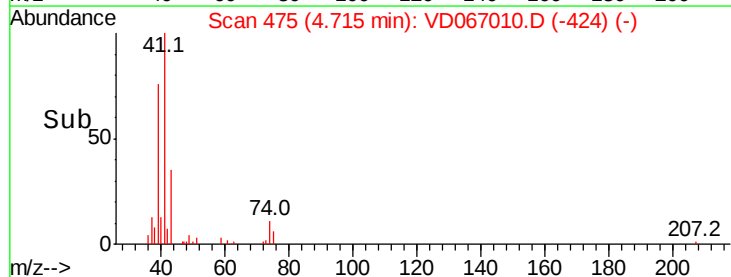
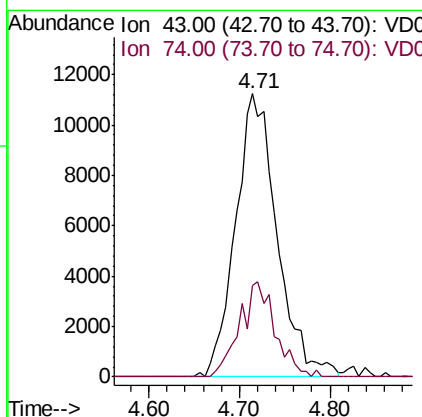
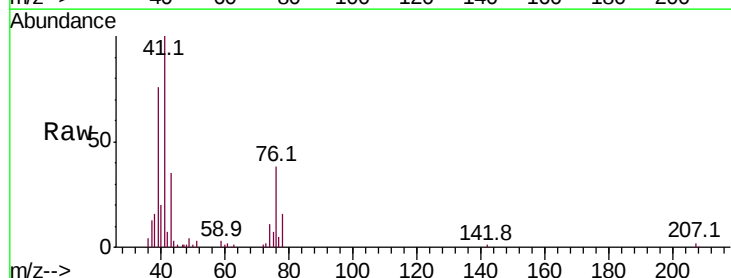
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBSD02

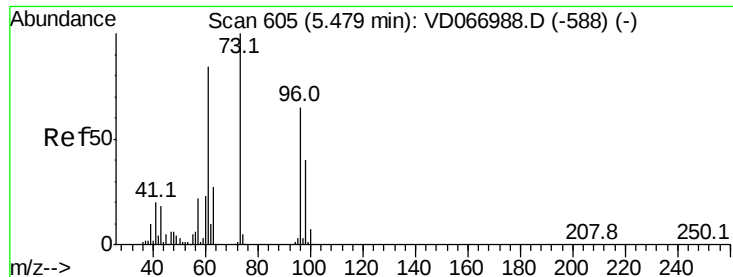
Tot Ion: 76 Resp: 246307
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3



#18
Methyl Acetate
Concen: 23.256 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion: 43 Resp: 35778
Ion Ratio Lower Upper
43 100
74 28.4 21.5 32.3



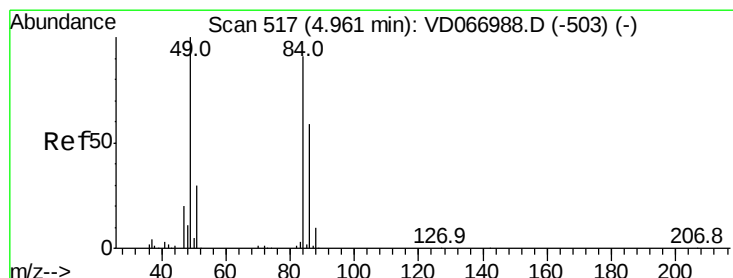
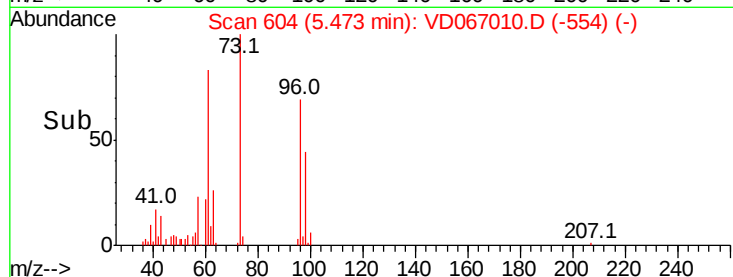
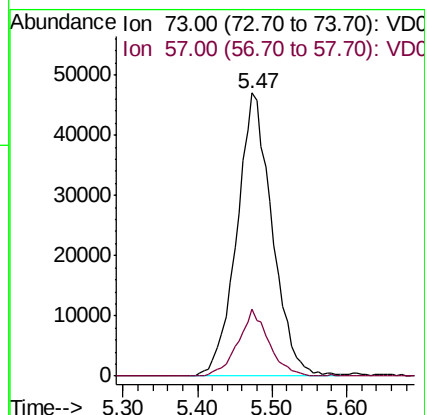
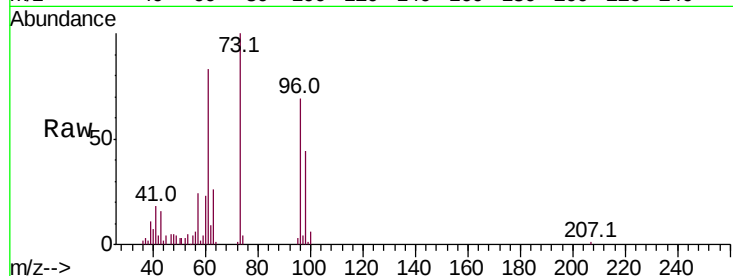


#19

Methyl tert-butyl Ether
 Concen: 21.544 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

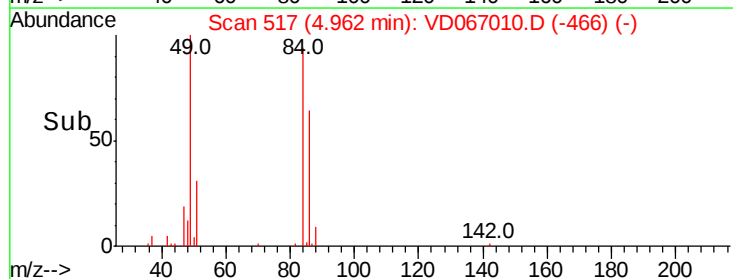
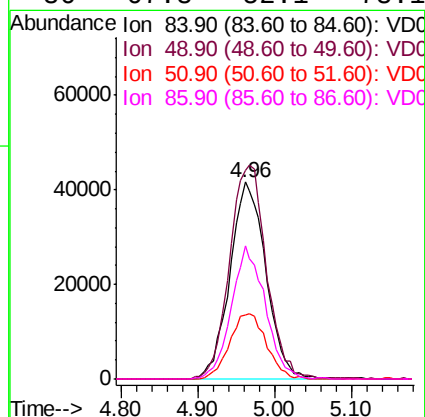
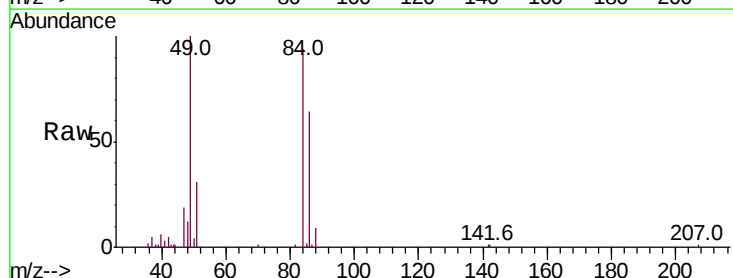
Tot Ion: 73 Resp: 154340
 Ion Ratio Lower Upper
 73 100
 57 23.7 17.4 26.0

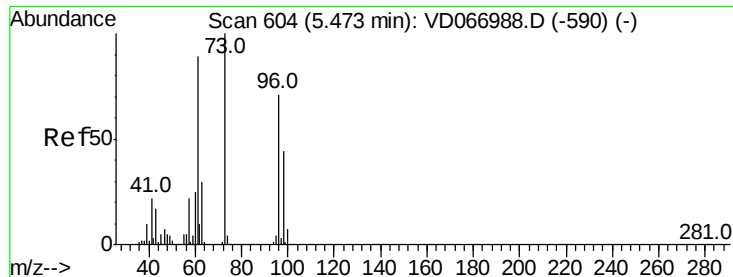


#20

Methylene Chloride
 Concen: 28.132 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

Tgt Ion: 84 Resp: 136014
 Ion Ratio Lower Upper
 84 100
 49 106.1 88.2 132.2
 51 32.4 26.6 39.8
 86 67.8 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.759 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBSD02

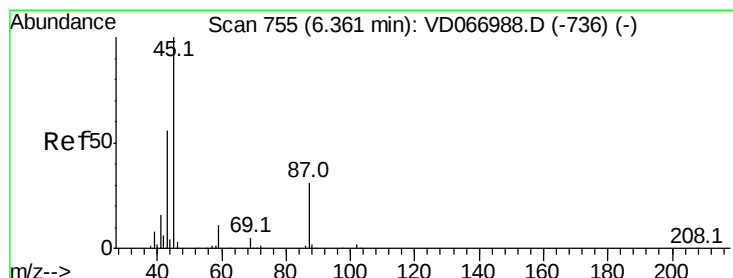
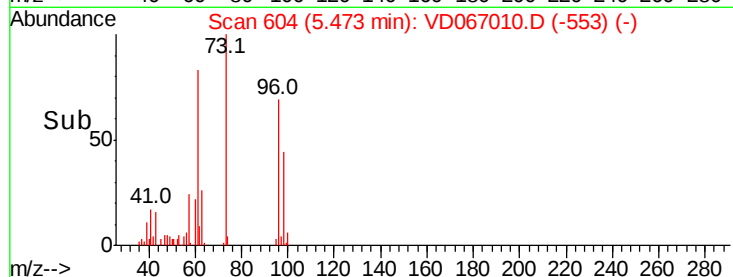
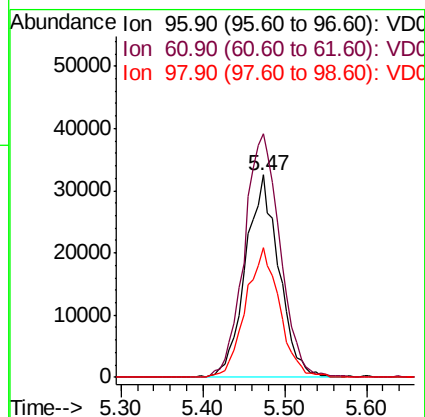
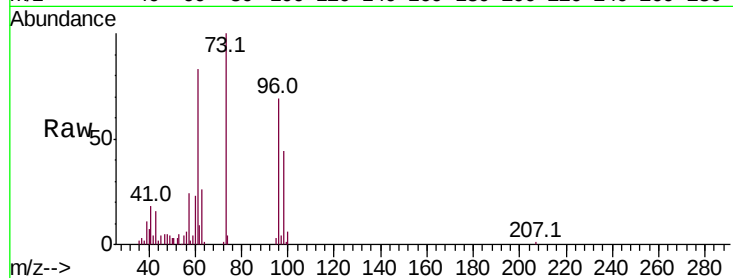
Tot Ion: 96 Resp: 92713

Ion Ratio Lower Upper

96 100

61 120.3 99.6 149.4

98 63.9 49.4 74.2



#22

Diisopropyl ether

Concen: 22.516 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Tgt Ion: 45 Resp: 209564

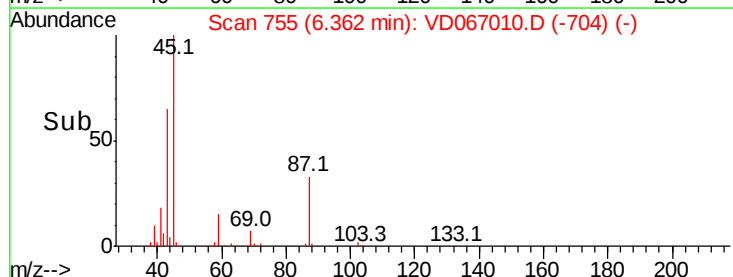
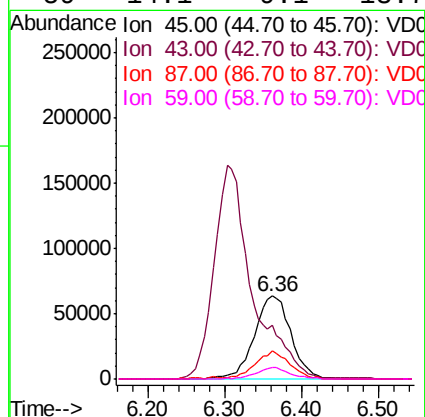
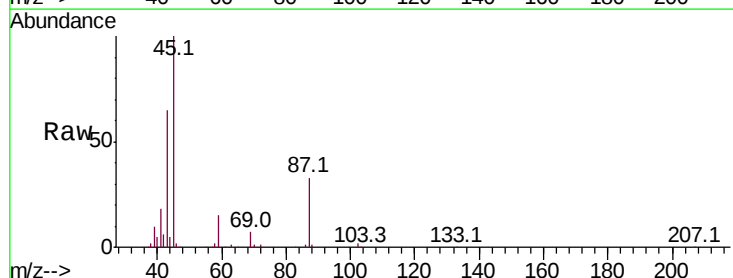
Ion Ratio Lower Upper

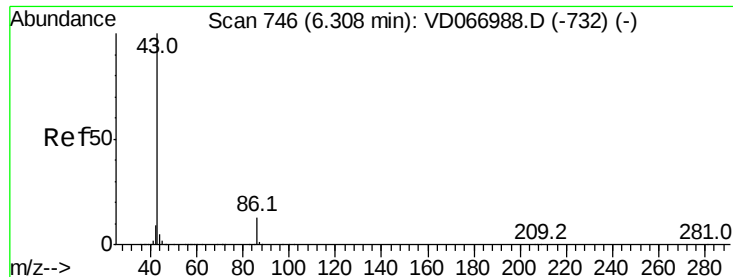
45 100

43 63.6 45.2 67.8

87 32.8 25.6 38.4

59 14.1 9.1 13.7#





#23

Vinyl Acetate

Concen: 106.765 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

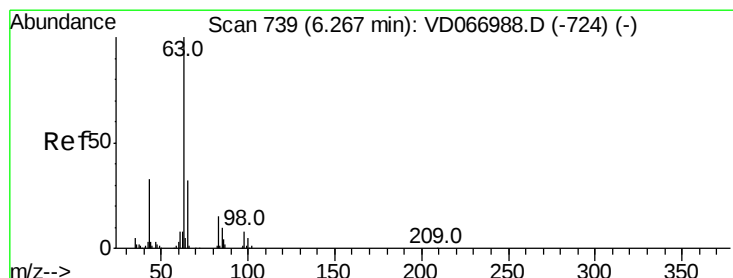
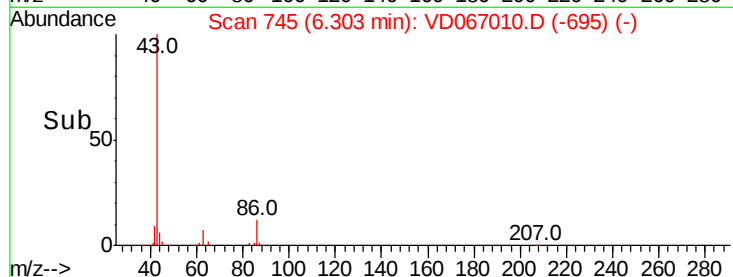
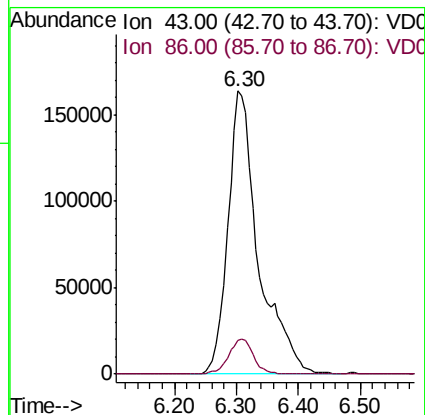
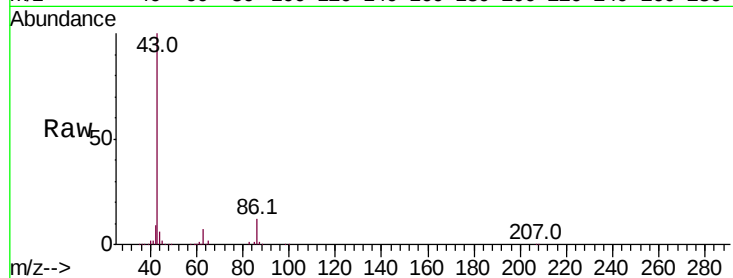
VD1001SBS02

Tot Ion: 43 Resp: 563094

Ion Ratio Lower Upper

43 100

86 11.8 10.2 15.2



#24

1,1-Dichloroethane

Concen: 21.535 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

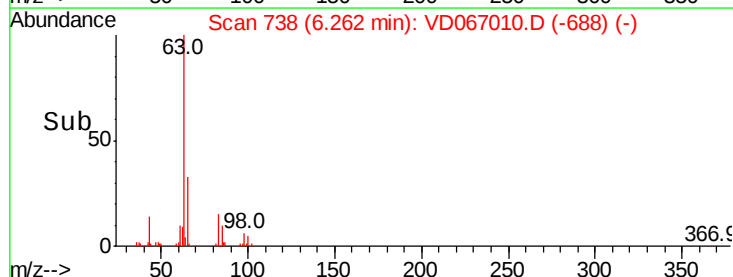
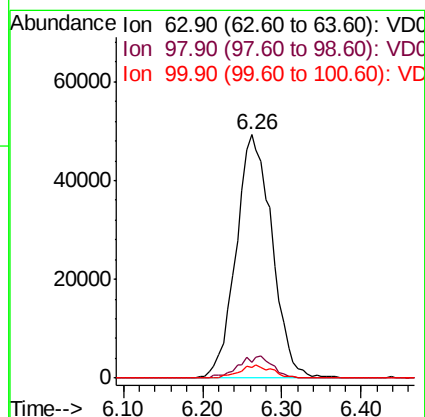
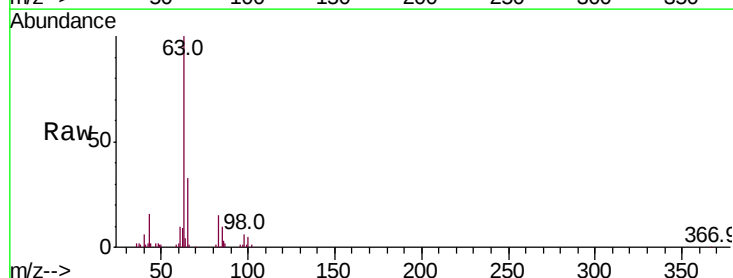
Tgt Ion: 63 Resp: 154681

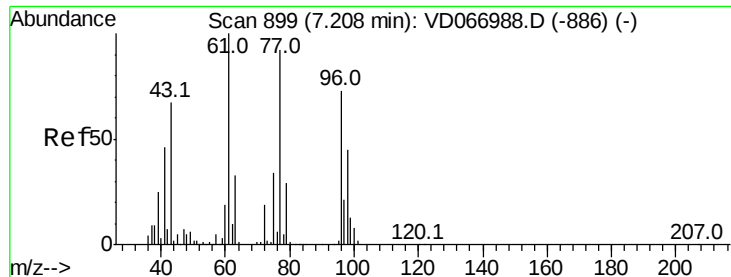
Ion Ratio Lower Upper

63 100

98 6.3 4.2 12.6

100 4.6 2.6 7.8





#25

2-Butanone

Concen: 107.310 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

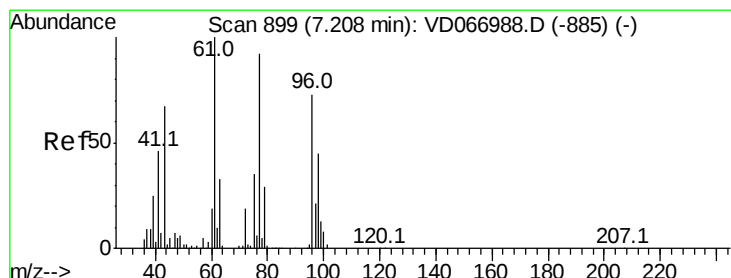
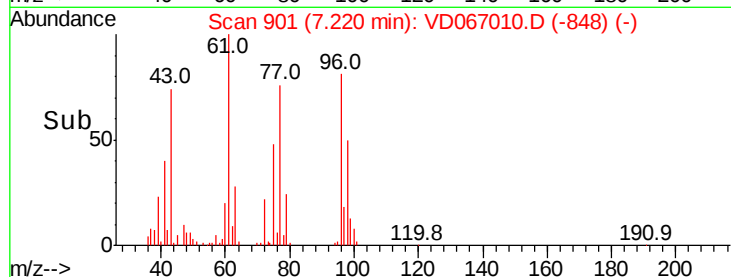
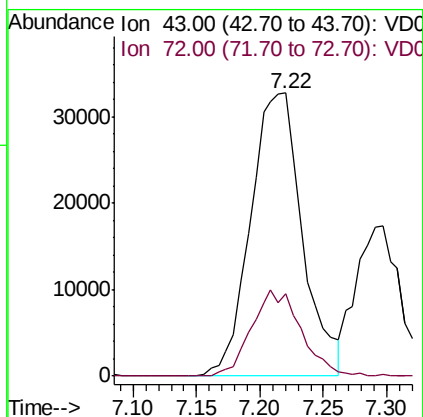
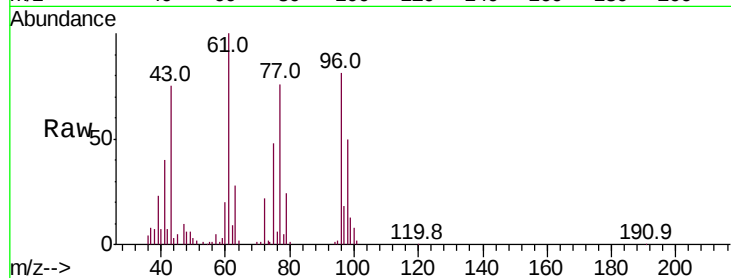
VD1001SBSD02

Tot Ion: 43 Resp: 93125

Ion Ratio Lower Upper

43 100

72 29.2 22.8 34.2



#26

2,2-Dichloropropane

Concen: 17.373 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067010.D

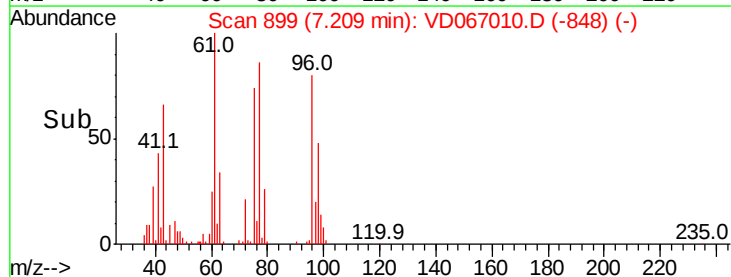
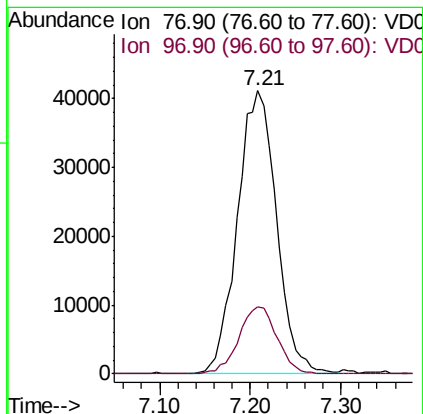
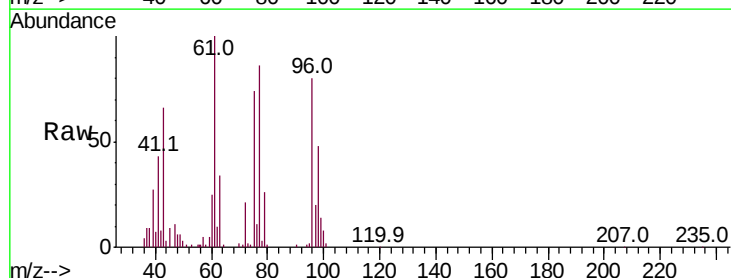
Acq: 02 Oct 2020 00:35

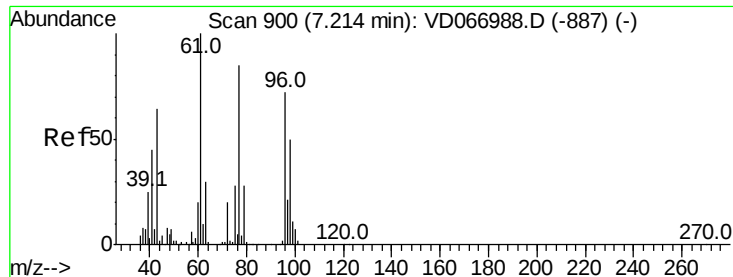
Tgt Ion: 77 Resp: 123241

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.2



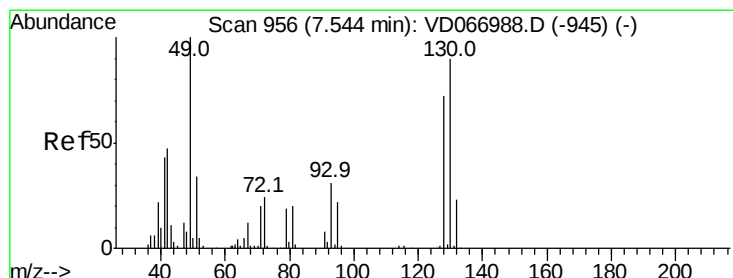
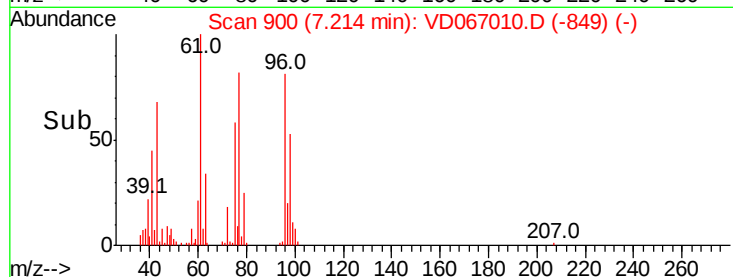
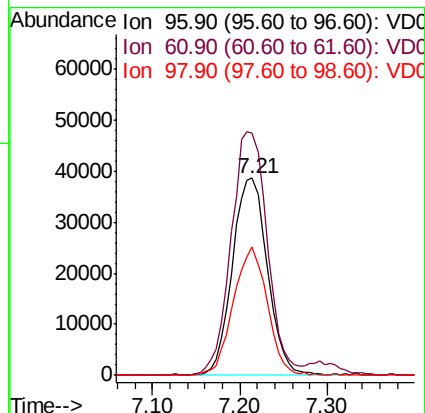
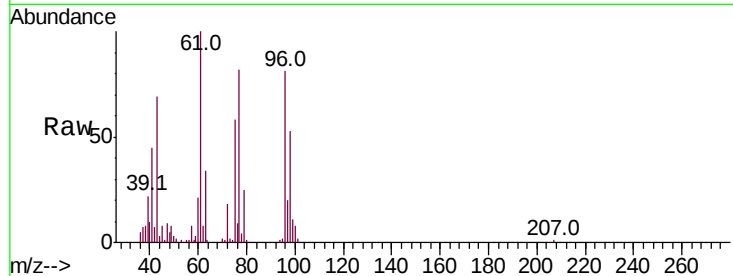


#27

cis-1,2-Dichloroethene
Concen: 22.134 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBSD02

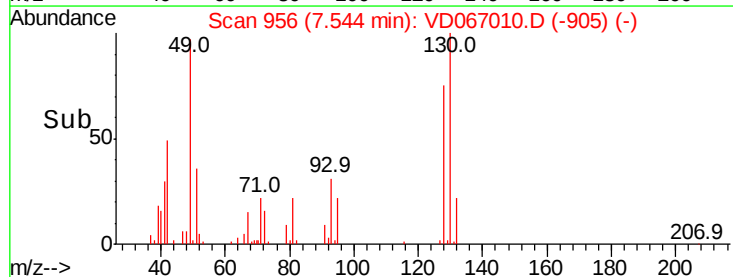
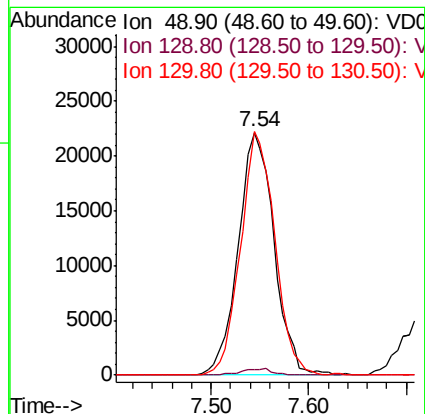
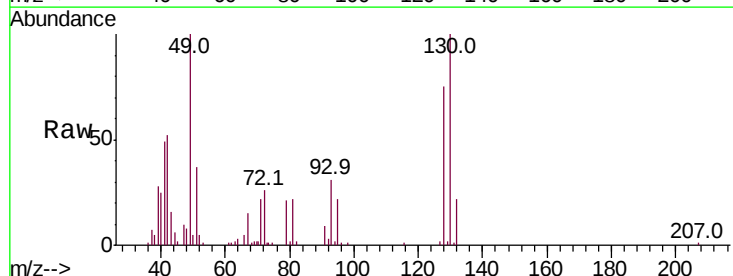
Tot Ion: 96 Resp: 105576
Ion Ratio Lower Upper
96 100
61 127.3 0.0 269.2
98 62.6 0.0 129.4

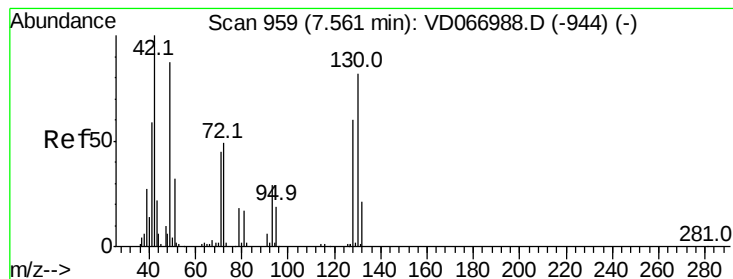


#28

Bromochloromethane
Concen: 20.394 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion: 49 Resp: 56573
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 95.5 74.1 111.1





#29

Tetrahydrofuran

Concen: 108.237 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

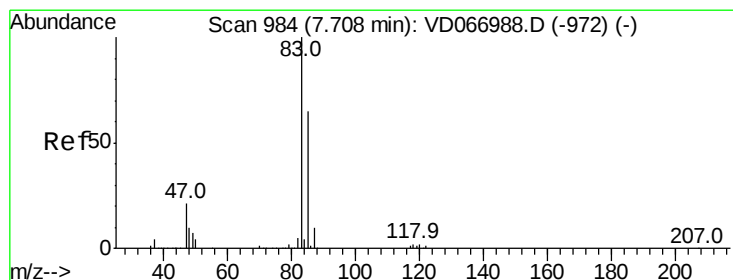
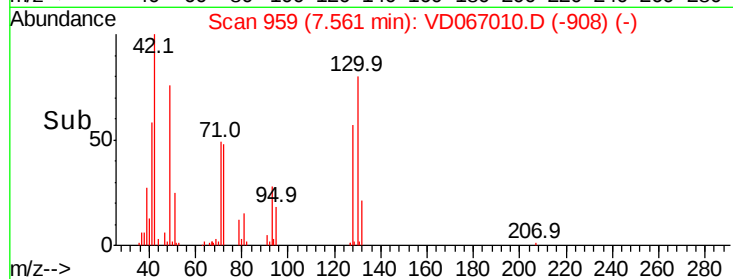
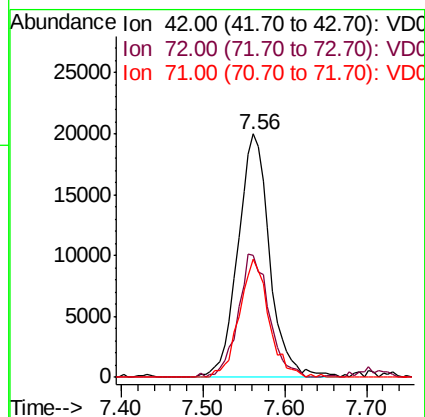
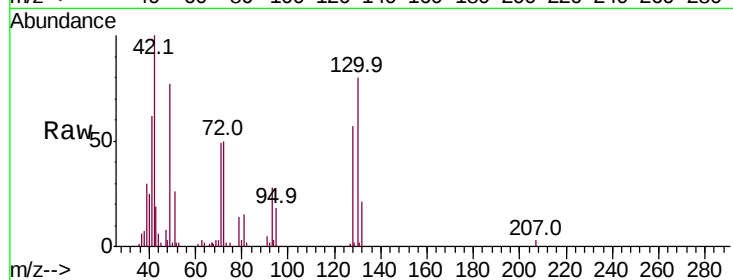
Tot Ion: 42 Resp: 54009

Ion Ratio Lower Upper

42 100

72 49.2 39.1 58.7

71 44.9 34.2 51.4



#30

Chloroform

Concen: 21.816 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD067010.D

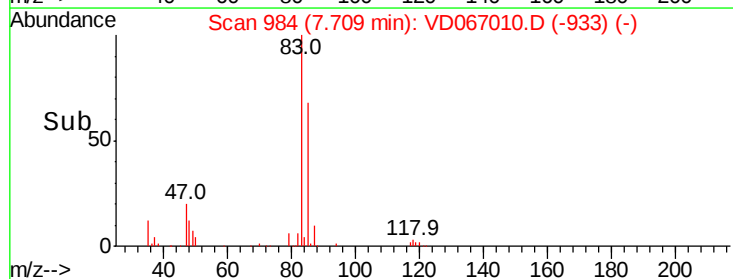
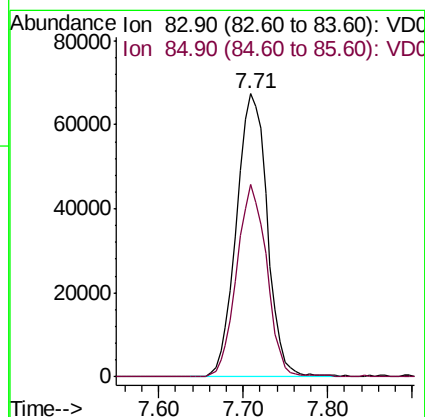
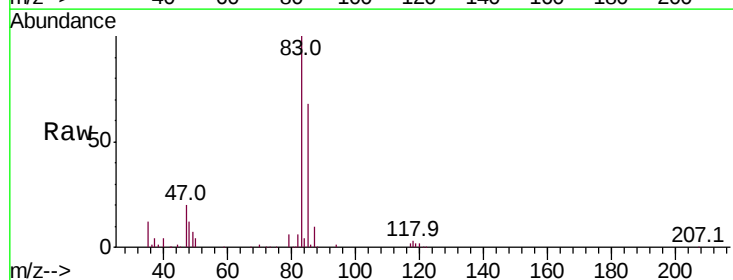
Acq: 02 Oct 2020 00:35

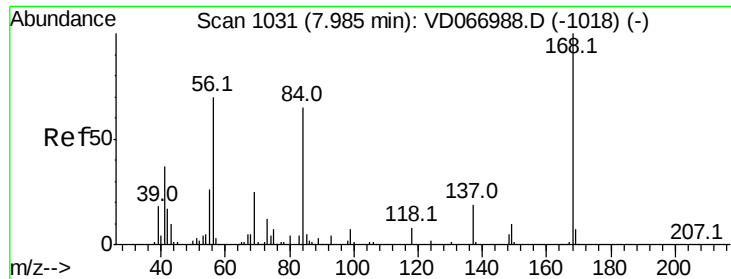
Tgt Ion: 83 Resp: 169990

Ion Ratio Lower Upper

83 100

85 68.0 52.3 78.5

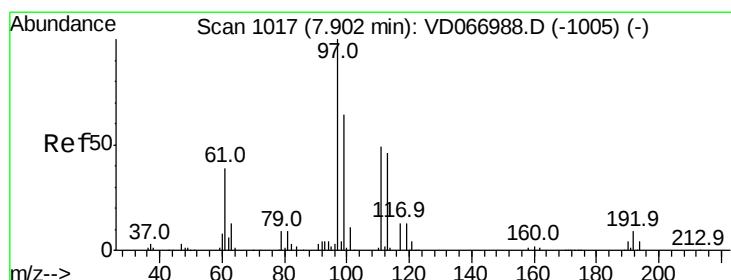
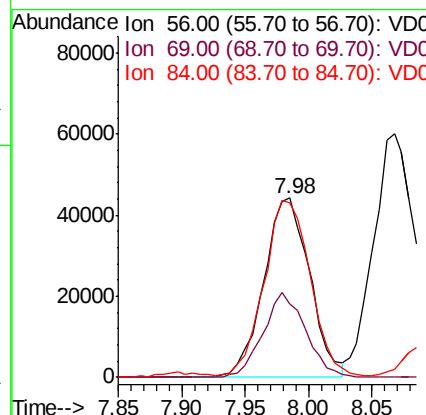
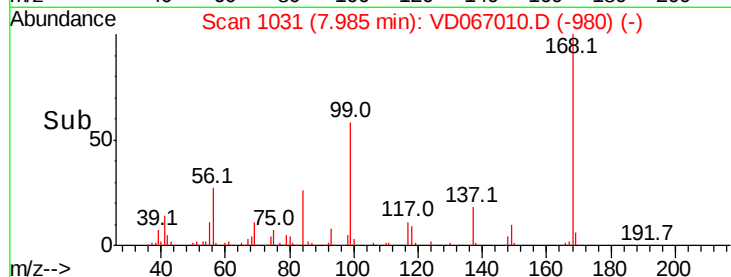
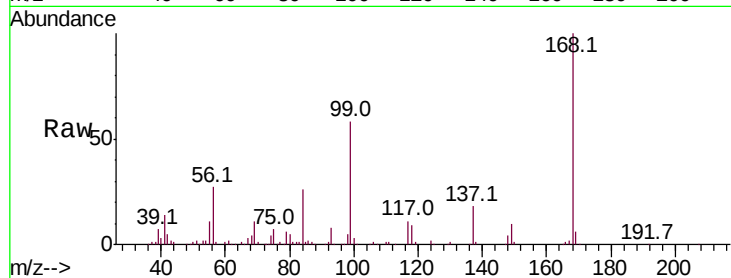




#31
Cyclohexane
Concen: 18.468 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

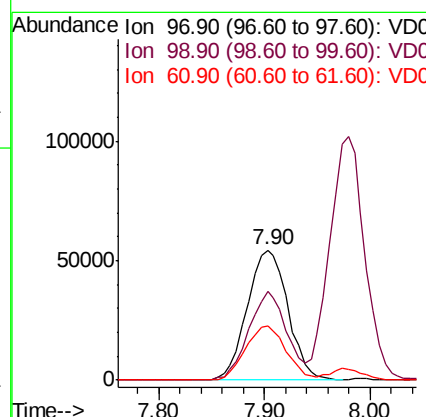
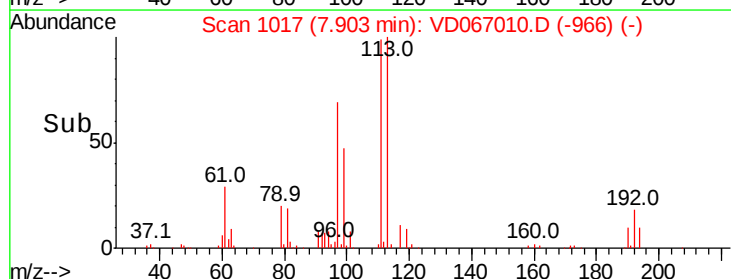
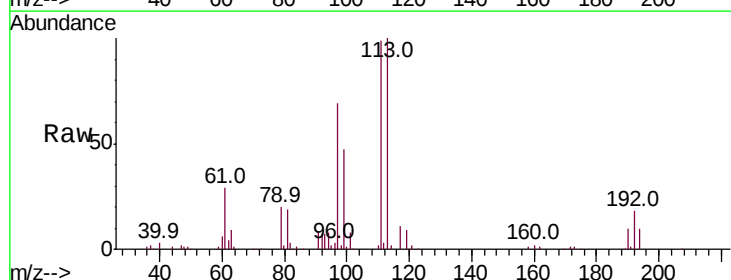
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBSD02

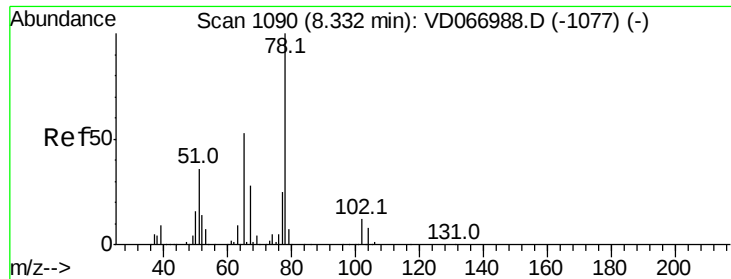
Tot Ion: 56 Resp: 111215
Ion Ratio Lower Upper
56 100
69 40.9 29.0 43.6
84 94.7 74.2 111.2



#32
1,1,1-Trichloroethane
Concen: 20.161 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion: 97 Resp: 145590
Ion Ratio Lower Upper
97 100
99 64.0 52.6 78.8
61 41.4 32.8 49.2

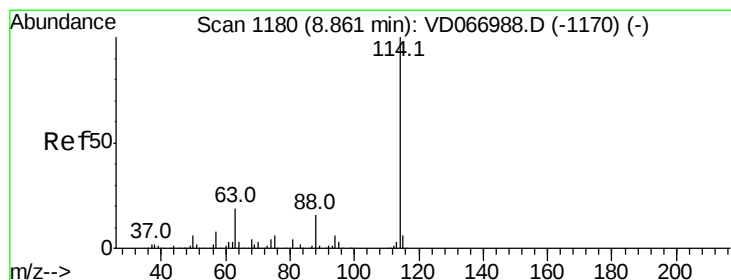
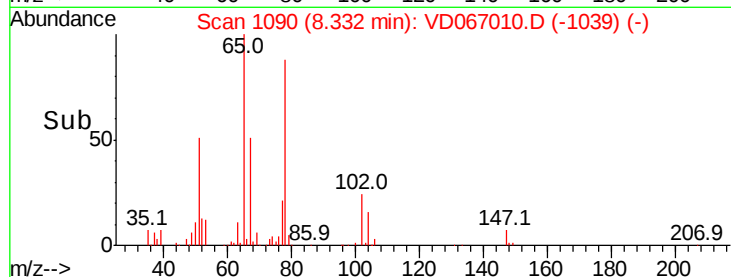
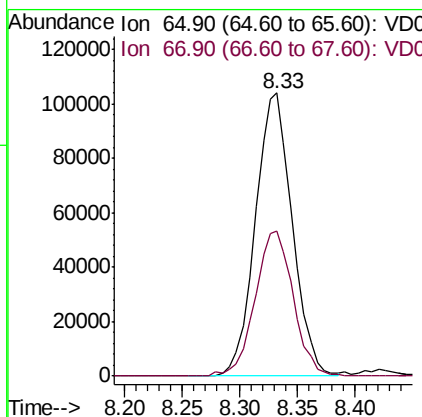
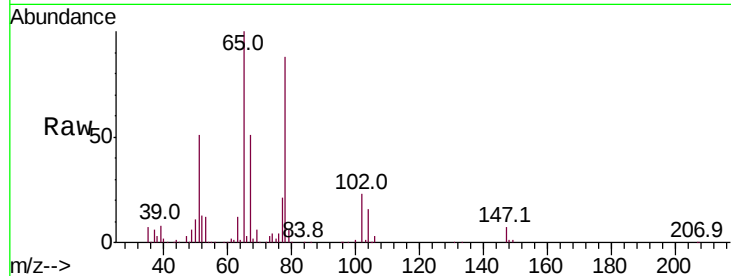




#33
 1,2-Dichloroethane-d4
 Concen: 57.603 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

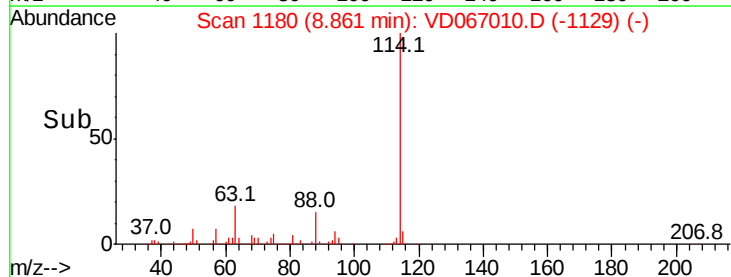
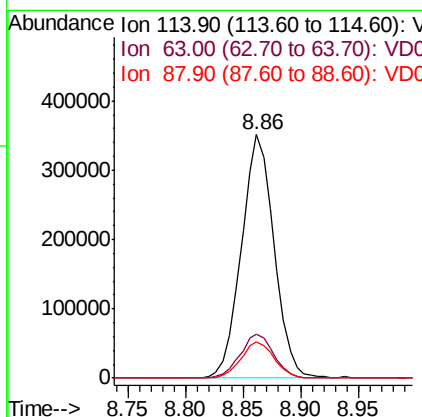
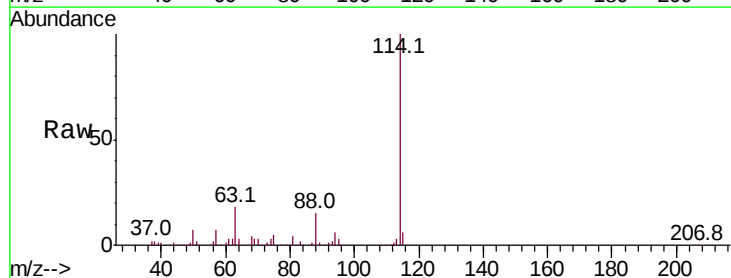
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBSD02

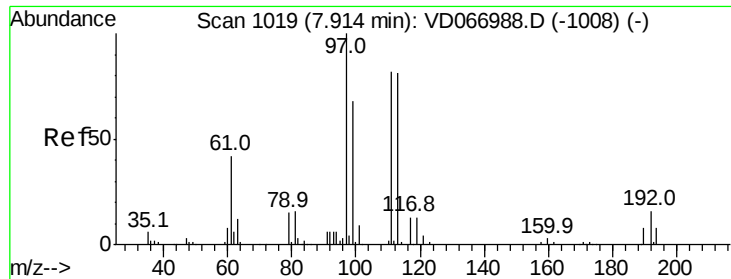
Tot Ion: 65 Resp: 230979
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

Tgt Ion: 114 Resp: 689884
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.4
 88 14.9 0.0 31.2

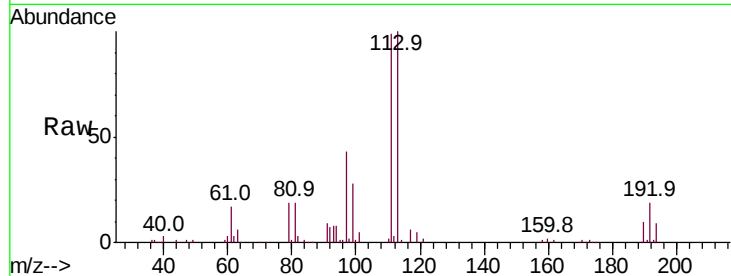




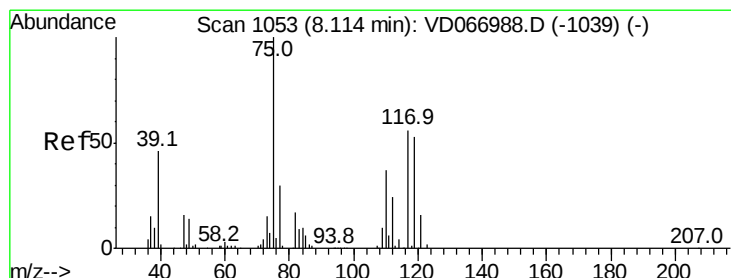
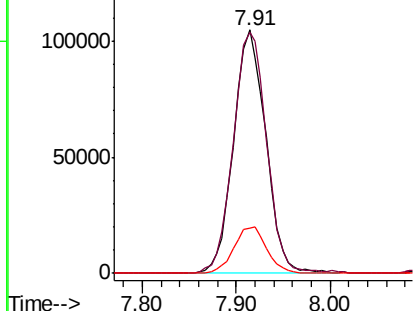
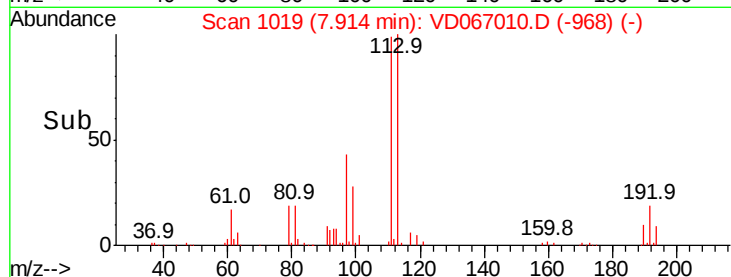
#35
 Dibromofluoromethane
 Concen: 55.227 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.4
192	19.4	15.5	23.3

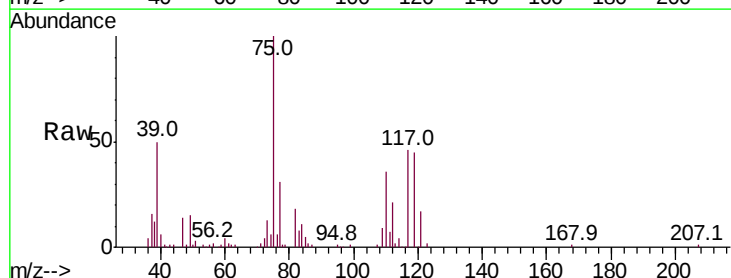


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

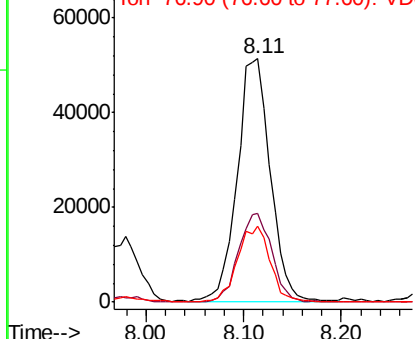
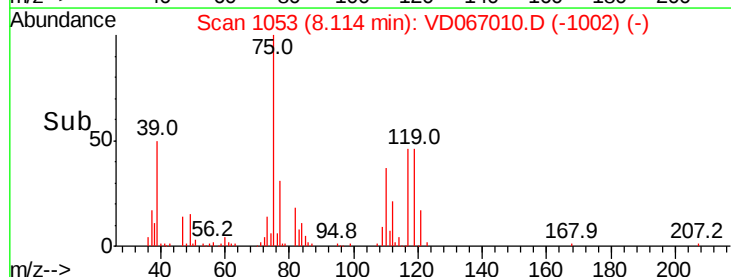


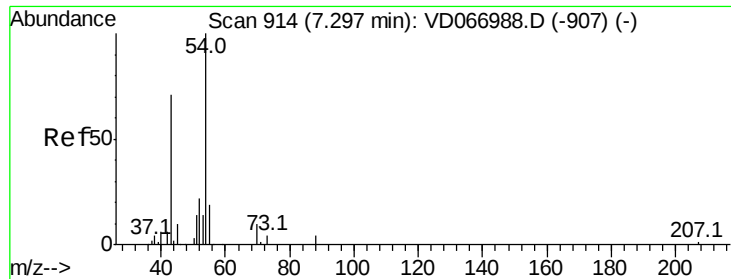
#36
 1,1-Dichloropropene
 Concen: 19.008 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.4	55.0
77	30.4	24.8	37.2



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

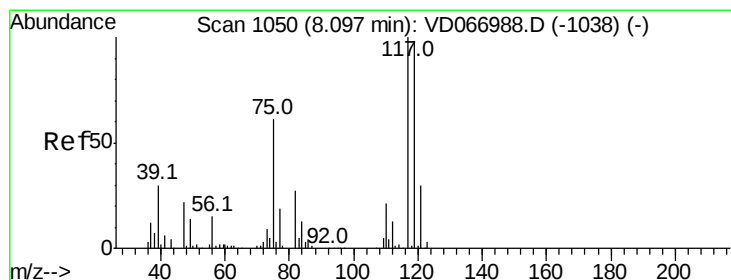
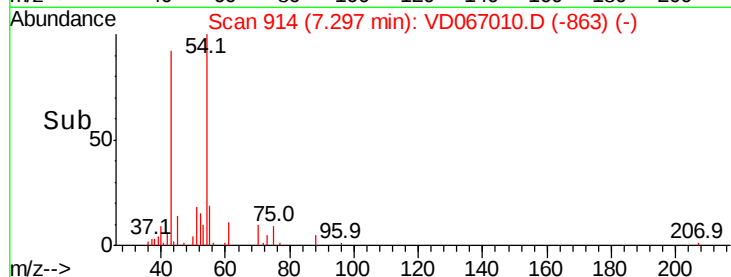
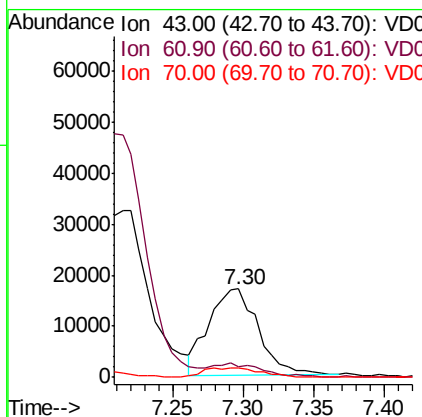
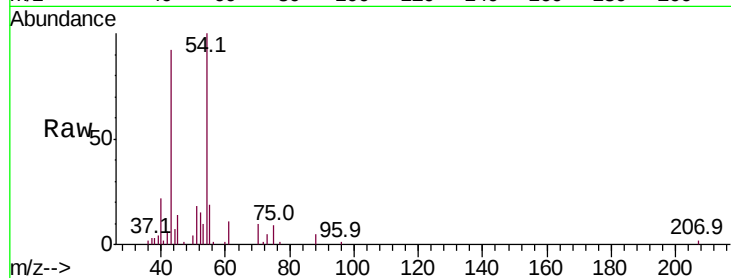




#37
Ethyl Acetate
Concen: 18.523 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

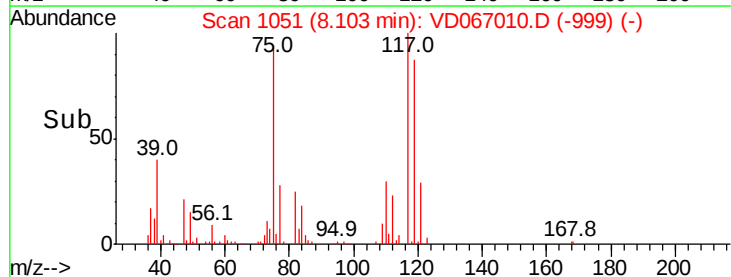
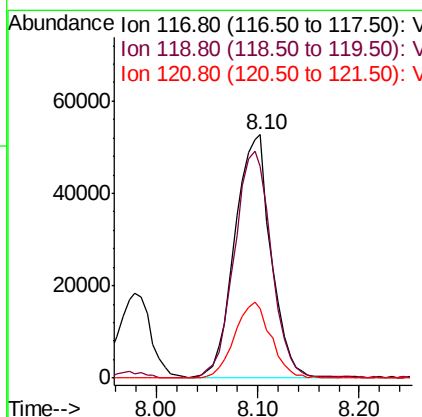
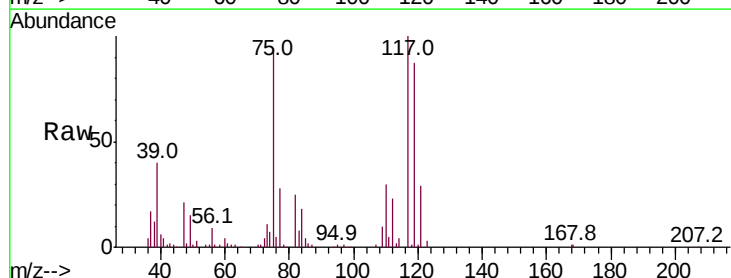
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBSD02

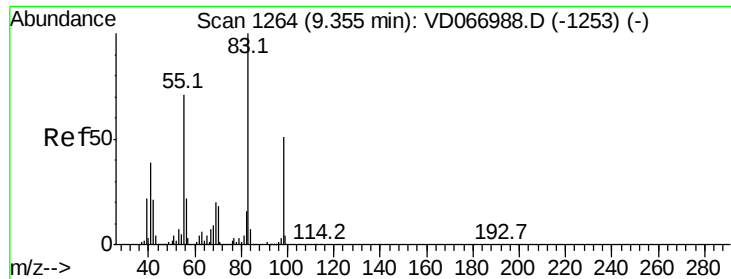
Tot Ion: 43 Resp: 41263
Ion Ratio Lower Upper
43 100
61 15.8 12.5 18.7
70 12.4 9.4 14.0



#38
Carbon Tetrachloride
Concen: 18.844 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion: 117 Resp: 131107
Ion Ratio Lower Upper
117 100
119 87.0 78.7 118.1
121 28.6 24.2 36.2

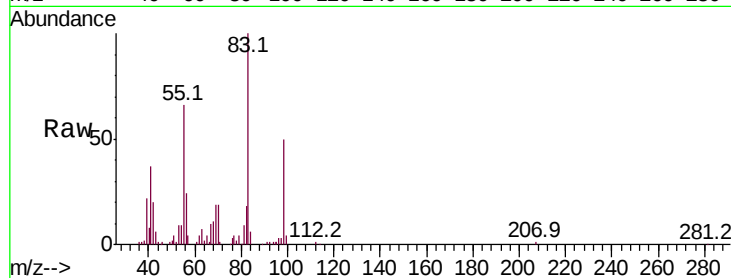




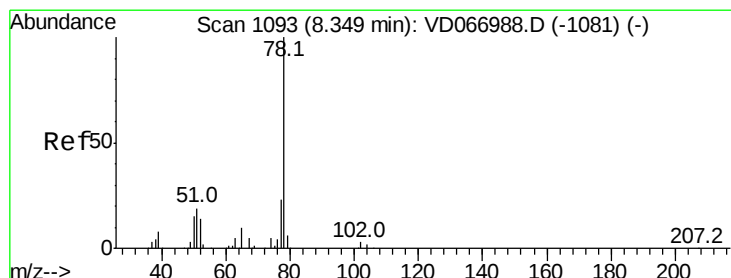
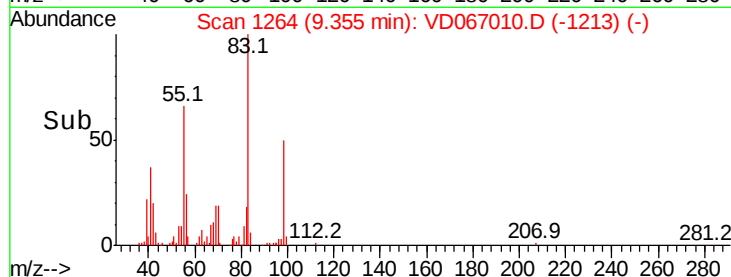
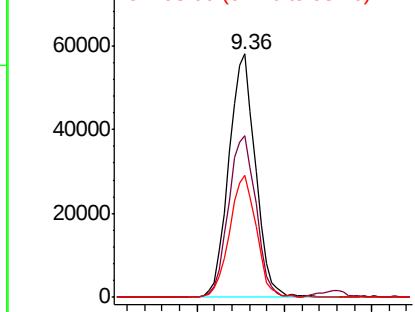
#39
Methvlcvclohexane
Concen: 17.705 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBSD02

Tot Ion: 83 Resp: 120368
Ion Ratio Lower Upper
83 100
55 66.4 57.1 85.7
98 50.1 40.9 61.3

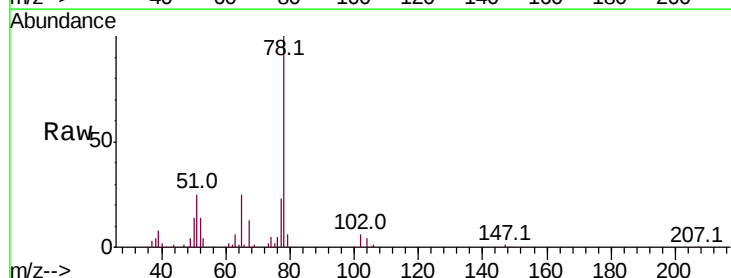


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

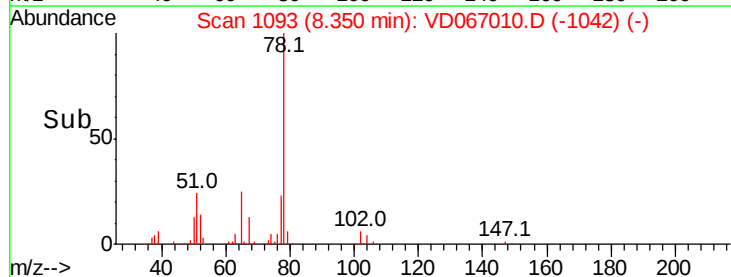
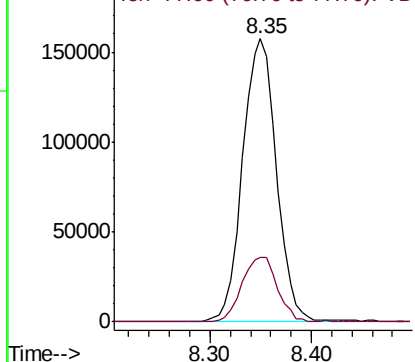


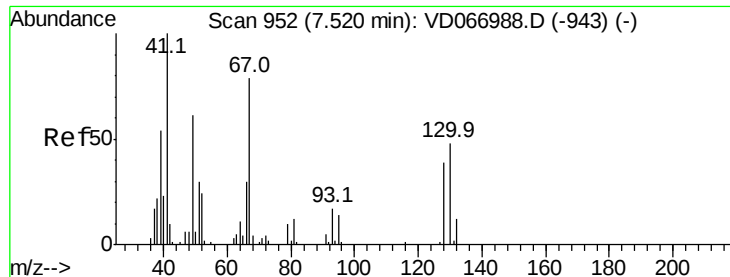
#40
Benzene
Concen: 20.301 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion: 78 Resp: 362604
Ion Ratio Lower Upper
78 100
77 23.0 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

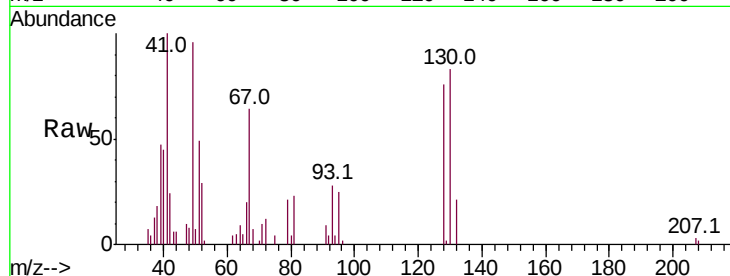




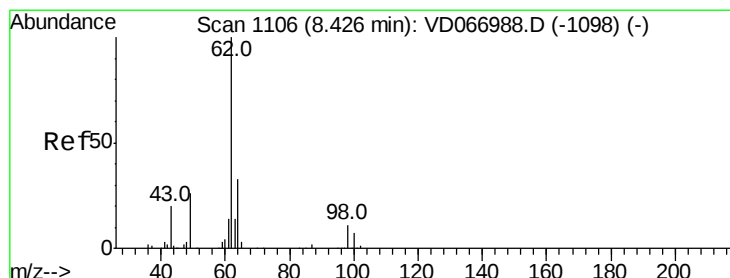
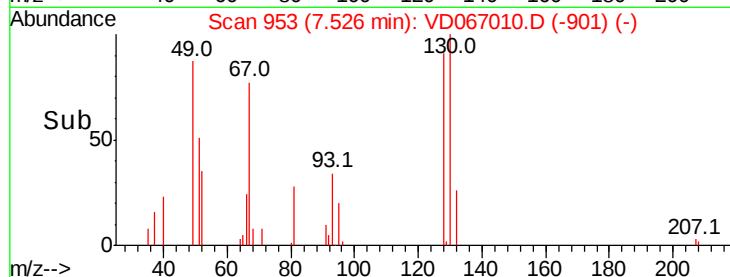
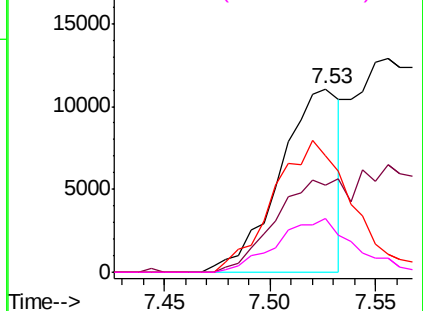
#41
Methacrylonitrile
Concen: 18.192 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBS02

Tot Ion: 41 Resp: 21894
Ion Ratio Lower Upper
41 100
39 60.7 0.0 0.0#
67 94.5 0.0 0.0#
52 37.4 0.0 0.0#

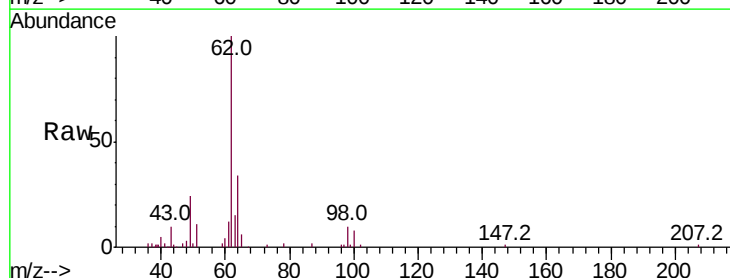


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

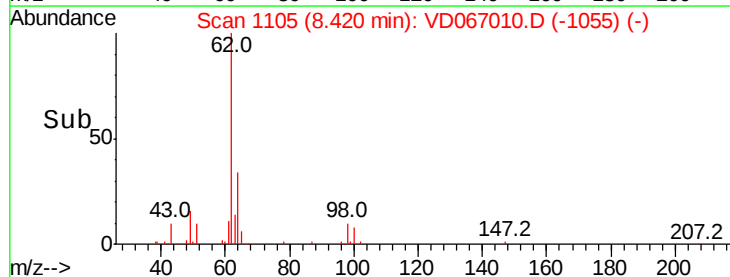
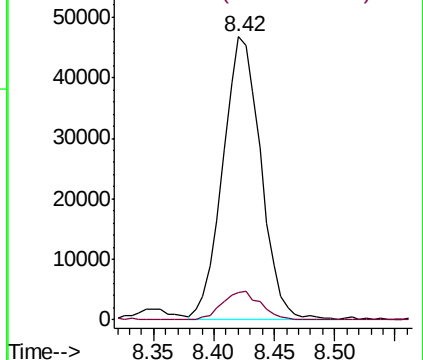


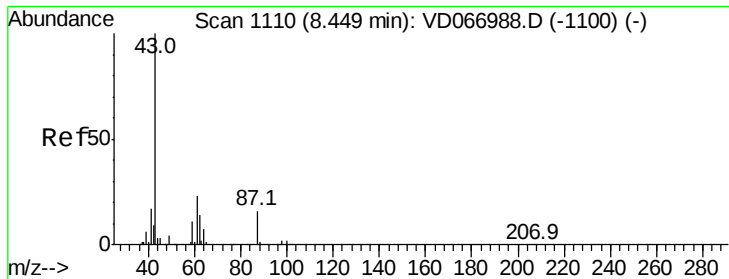
#42
1,2-Dichloroethane
Concen: 20.504 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion: 62 Resp: 102333
Ion Ratio Lower Upper
62 100
98 10.4 0.0 22.6



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





#43

Isopropyl Acetate

Concen: 20.539 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

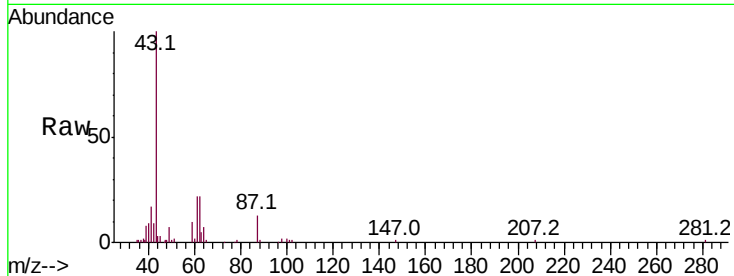
Tot Ion: 43 Resp: 84289

Ion Ratio Lower Upper

43 100

61 33.3 27.1 40.7

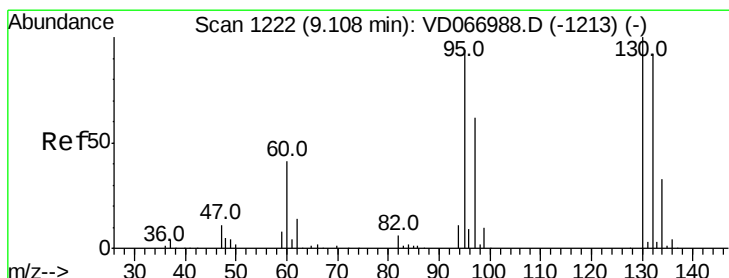
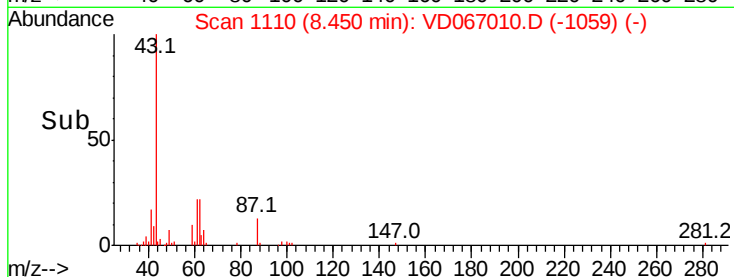
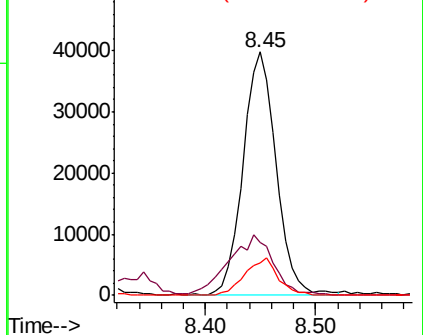
87 15.0 12.3 18.5



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: 19.237 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067010.D

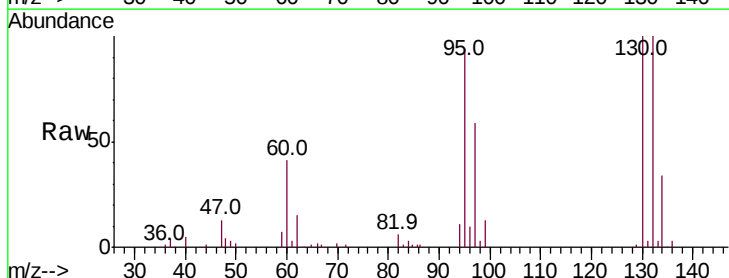
Acq: 02 Oct 2020 00:35

Tgt Ion:130 Resp: 102598

Ion Ratio Lower Upper

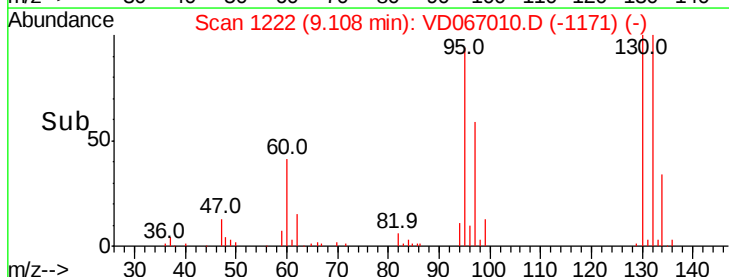
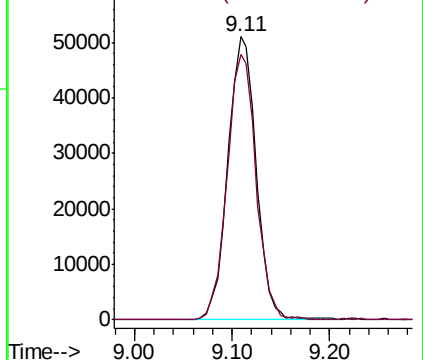
130 100

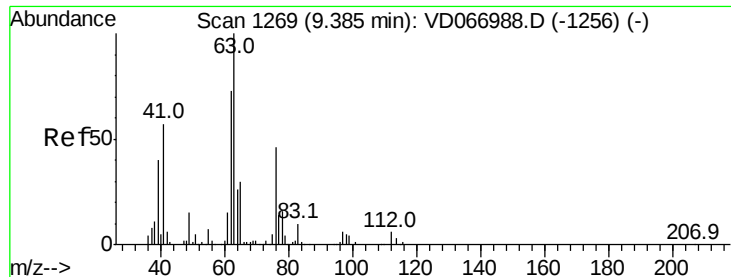
95 93.7 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.400 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

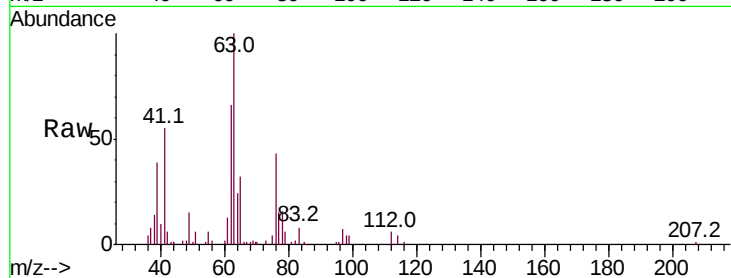
VD1001SBSD02

Tot Ion: 63 Resp: 89809

Ion Ratio Lower Upper

63 100

65 31.5 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

40000

30000

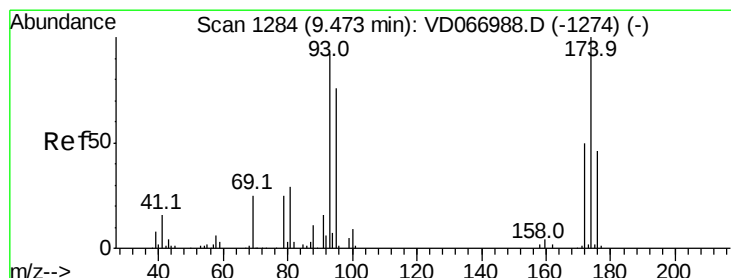
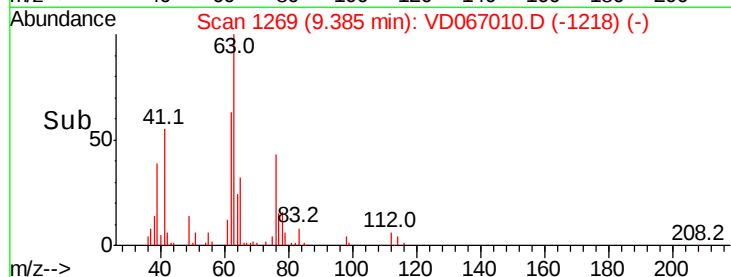
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 20.911 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

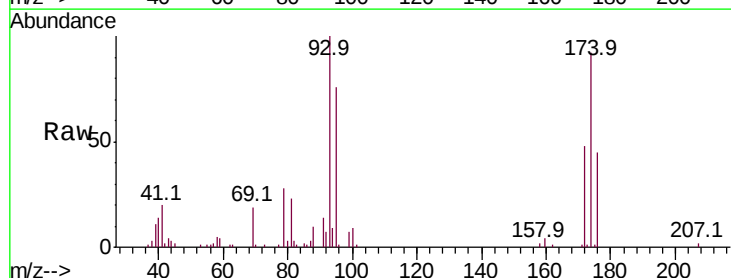
Tgt Ion: 93 Resp: 50439

Ion Ratio Lower Upper

93 100

95 82.7 64.7 97.1

174 103.4 81.4 122.2



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

30000

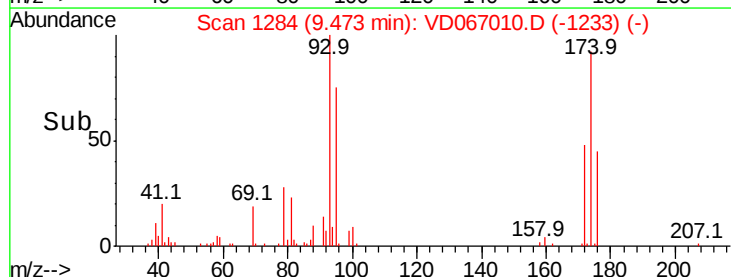
20000

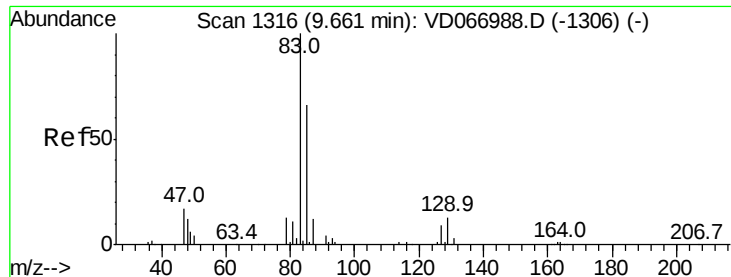
10000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 20.945 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBSD02

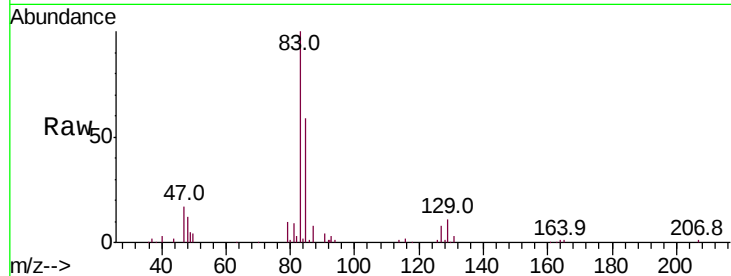
Tot Ion: 83 Resp: 131321

Ion Ratio Lower Upper

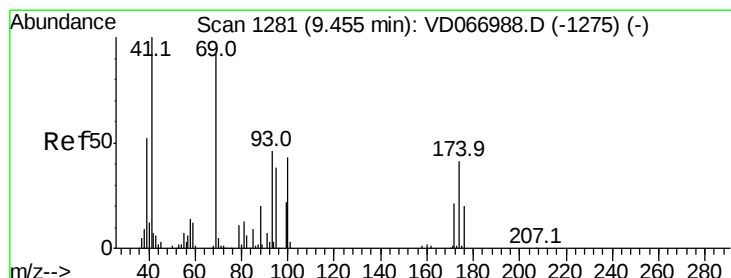
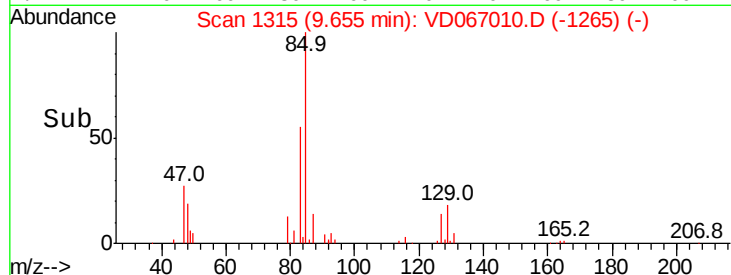
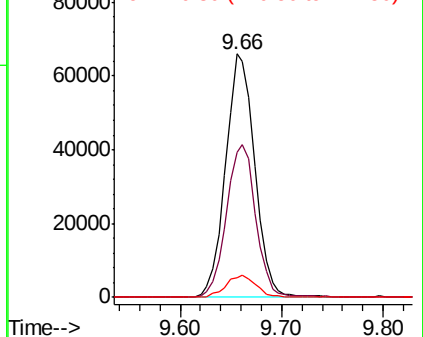
83 100

85 59.4 52.9 79.3

127 8.3 7.3 10.9



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



#48

Methyl methacrylate

Concen: 20.091 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

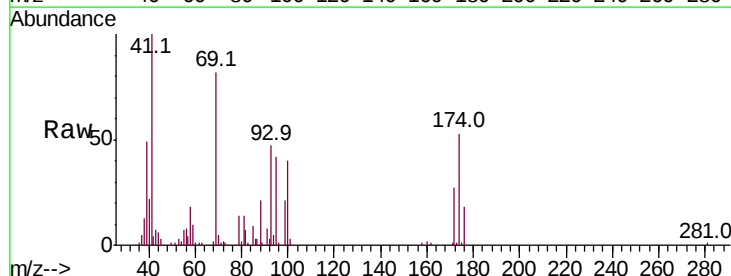
Tgt Ion: 41 Resp: 42240

Ion Ratio Lower Upper

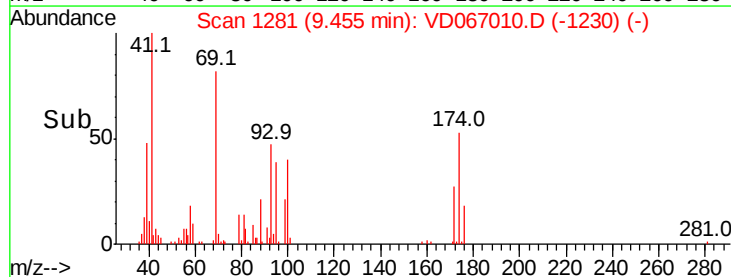
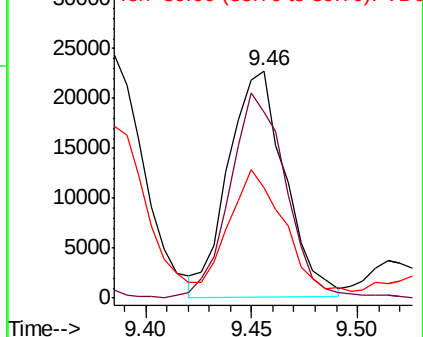
41 100

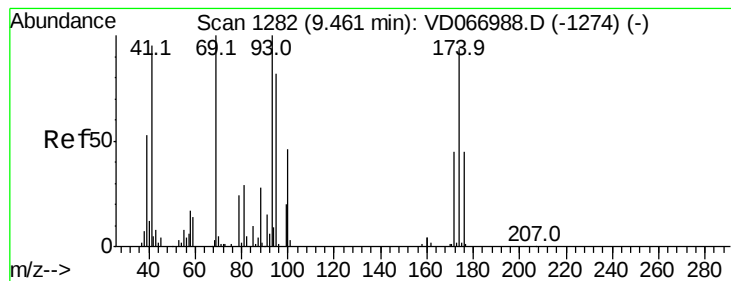
69 90.0 68.5 102.7

39 56.8 40.2 60.2



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





#49

1,4-Dioxane

Concen: 417.098 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBSD02

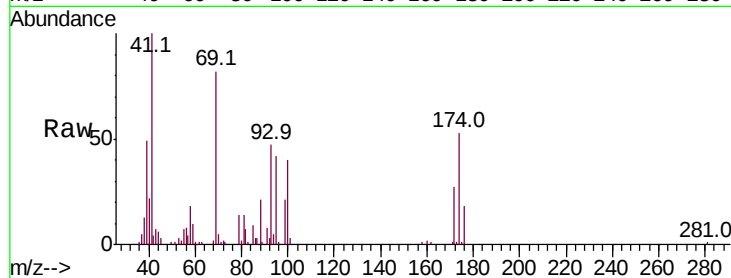
Tot Ion: 88 Resp: 10500

Ion Ratio Lower Upper

88 100

43 31.2 25.6 38.4

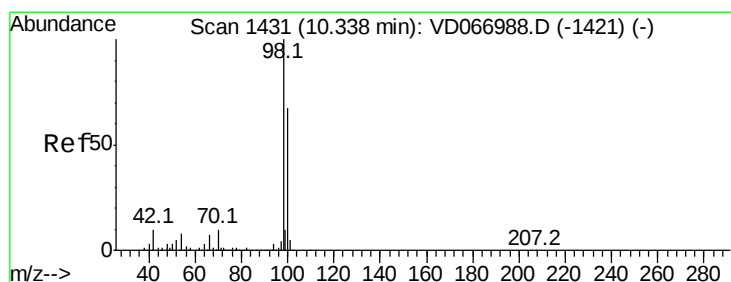
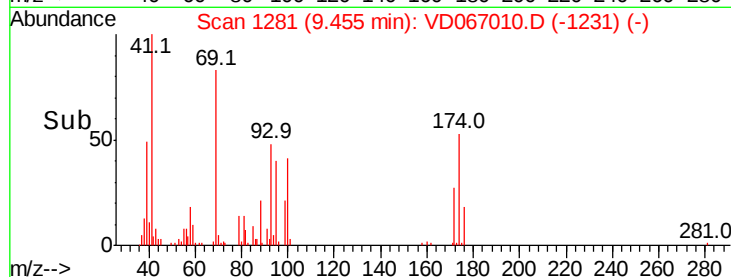
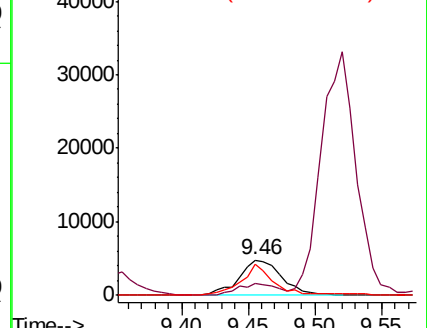
58 66.3 53.5 80.3



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: 55.020 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067010.D

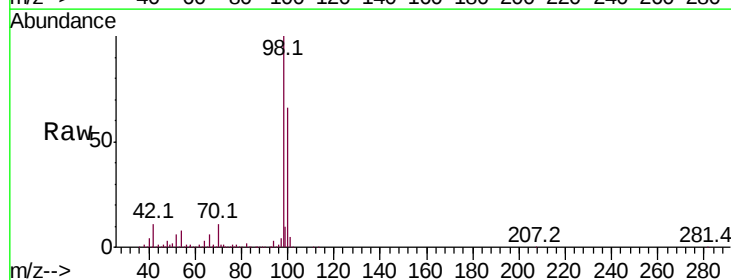
Acq: 02 Oct 2020 00:35

Tgt Ion: 98 Resp: 905497

Ion Ratio Lower Upper

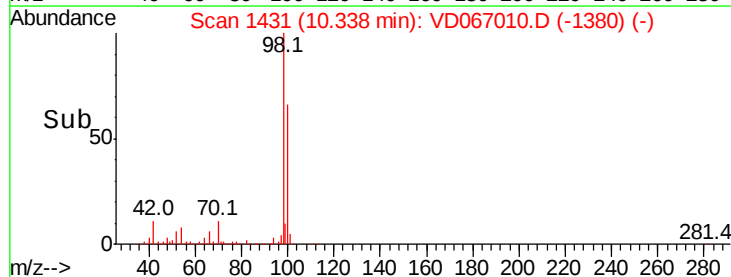
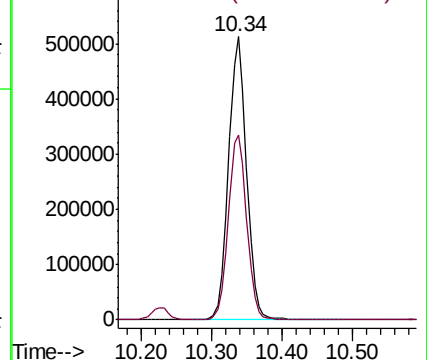
98 100

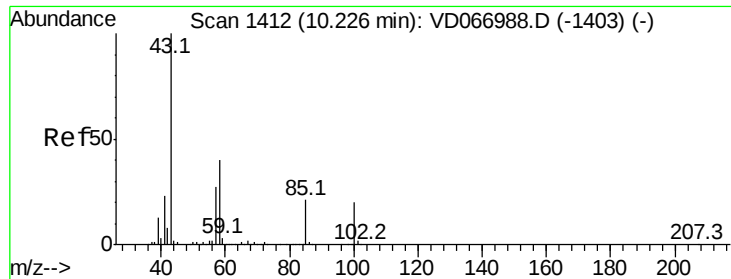
100 67.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 103.235 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

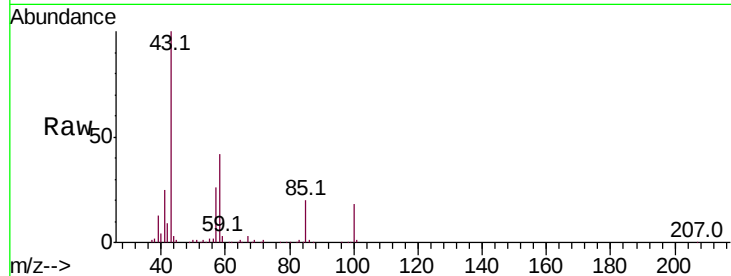
VD1001SBS02

Tot Ion: 43 Resp: 211027

Ion Ratio Lower Upper

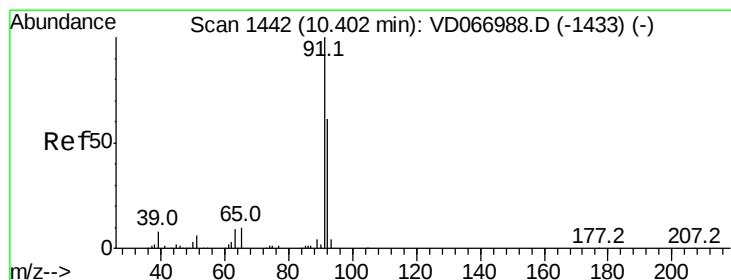
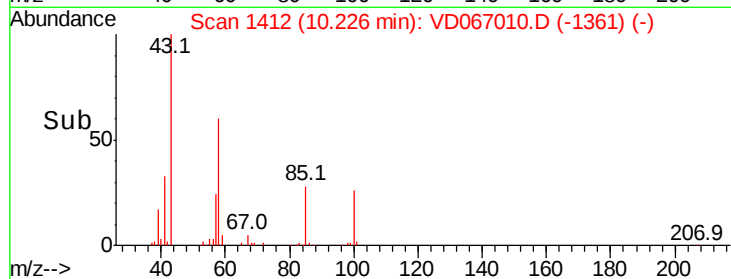
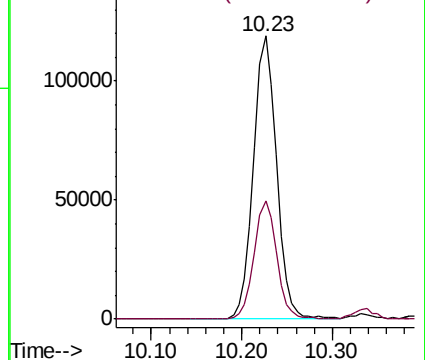
43 100

58 41.0 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.824 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067010.D

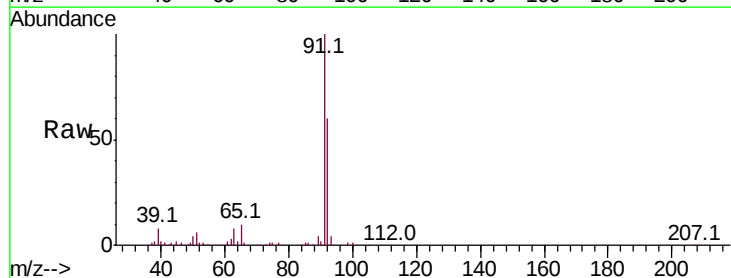
Acq: 02 Oct 2020 00:35

Tgt Ion: 92 Resp: 239589

Ion Ratio Lower Upper

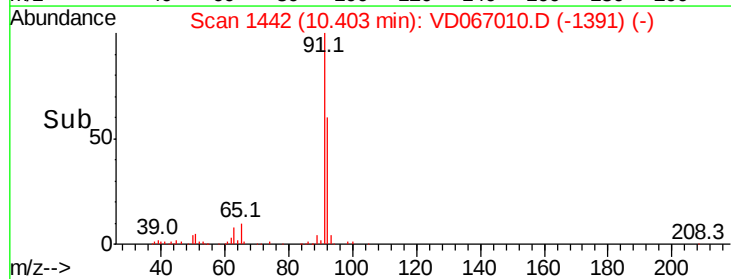
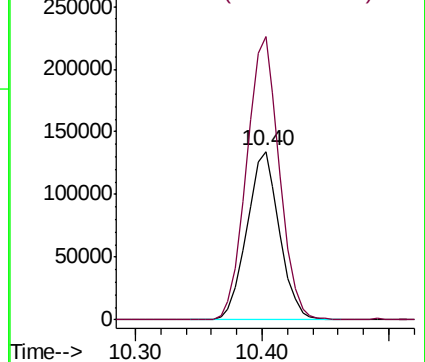
92 100

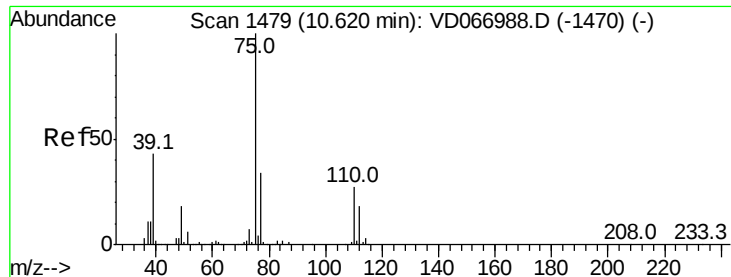
91 169.2 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 20.211 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

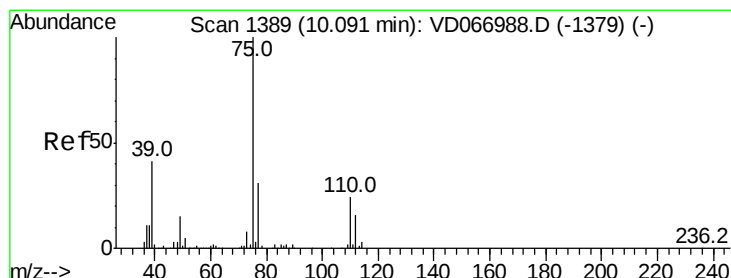
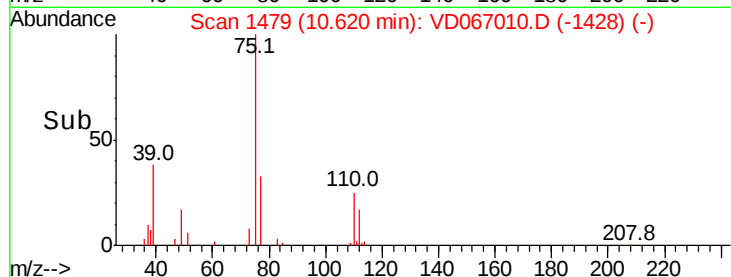
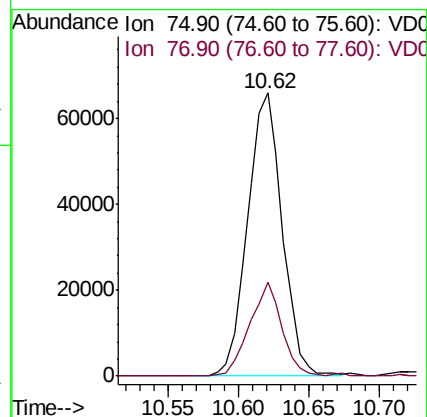
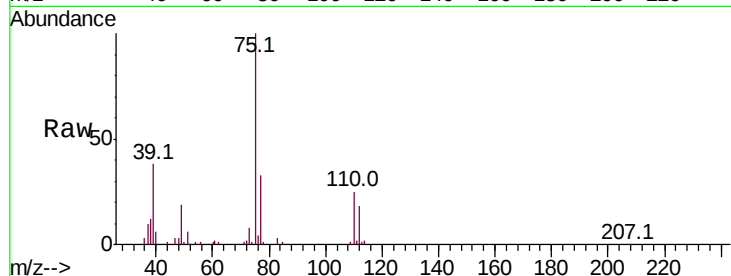
VD1001SBSD02

Tot Ion: 75 Resp: 113258

Ion Ratio Lower Upper

75 100

77 33.2 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 19.671 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

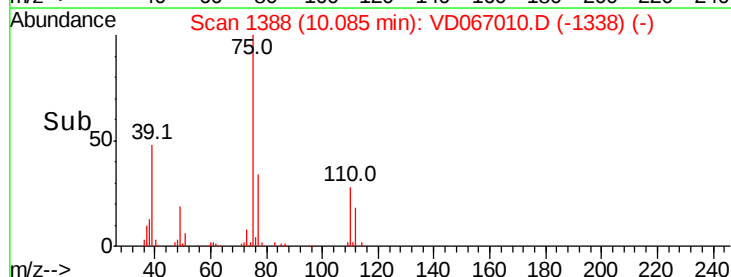
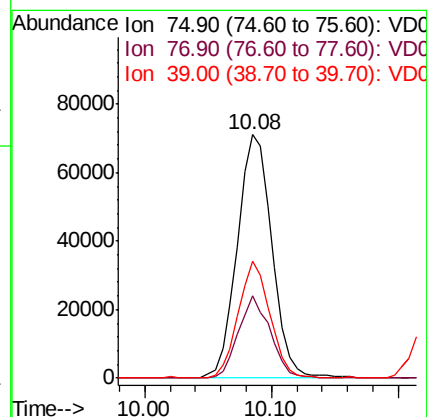
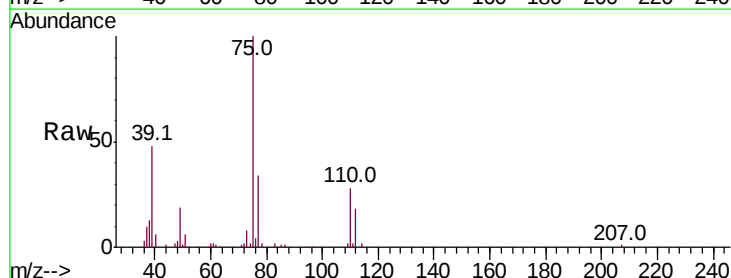
Tgt Ion: 75 Resp: 134604

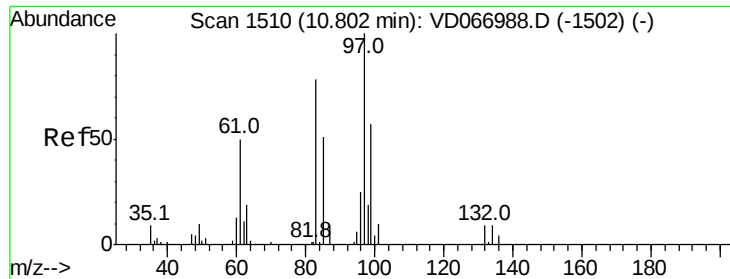
Ion Ratio Lower Upper

75 100

77 33.7 24.6 37.0

39 47.6 33.0 49.4



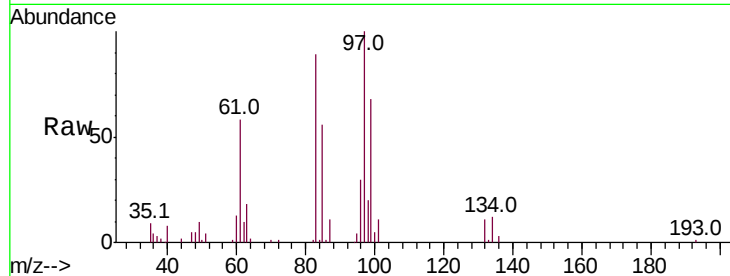


#55
 1,1,2-Trichloroethane
 Concen: 20.808 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

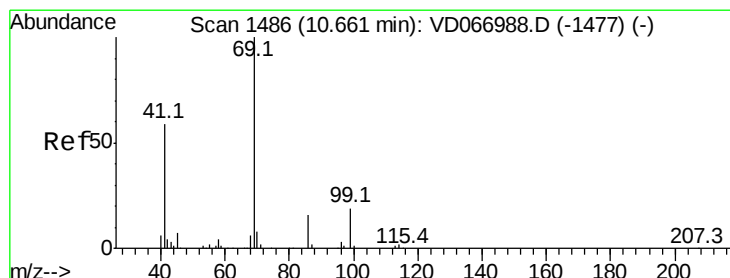
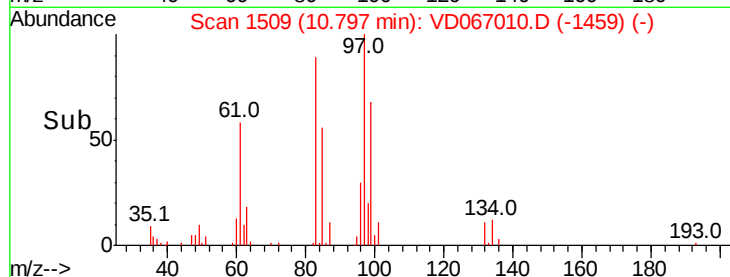
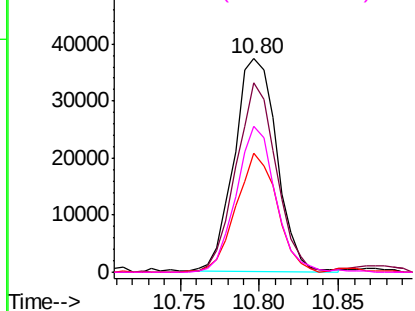
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

Tot Ion: 97 Resp: 69779

Ion	Ratio	Lower	Upper
97	100		
83	88.8	62.4	93.6
85	55.7	41.0	61.4
99	68.8	45.9	68.9



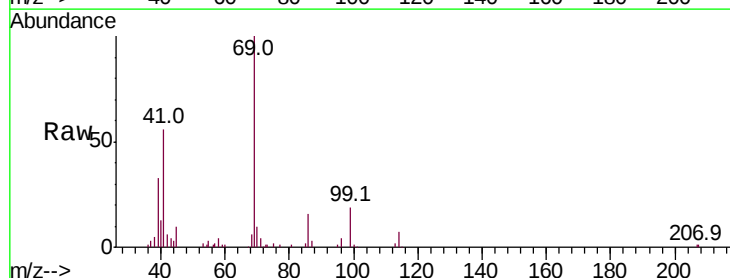
Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC



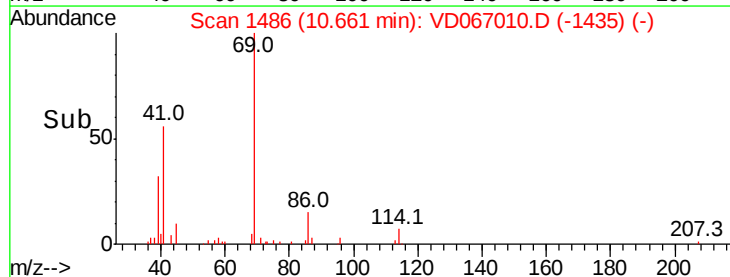
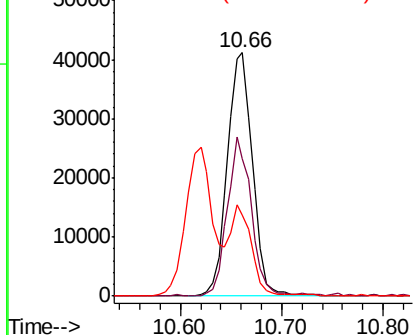
#56
 Ethyl methacrylate
 Concen: 20.539 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

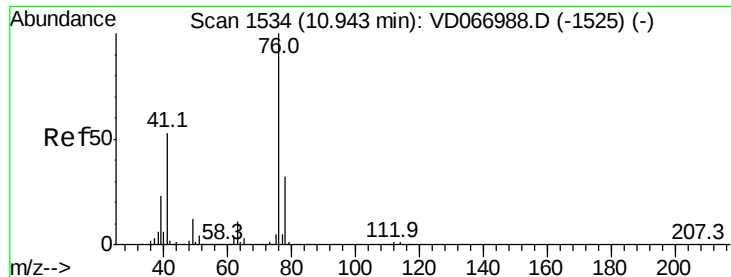
Tgt Ion: 69 Resp: 71111

Ion	Ratio	Lower	Upper
69	100		
41	61.8	46.4	69.6
39	31.2	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: 21.165 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

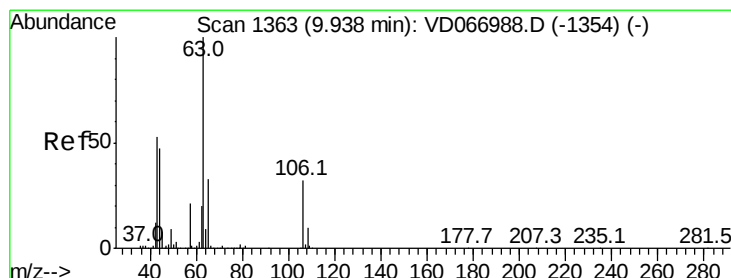
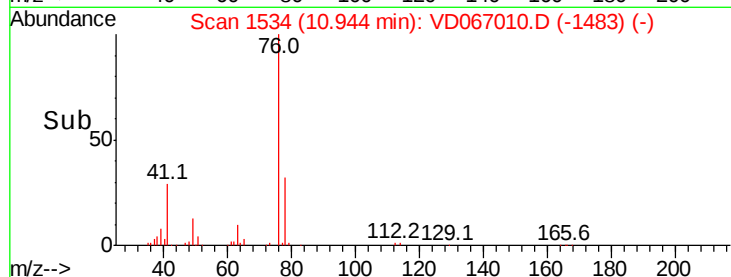
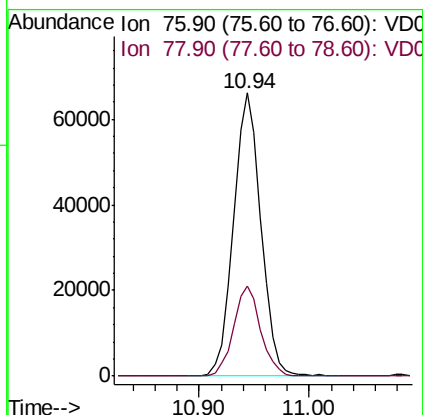
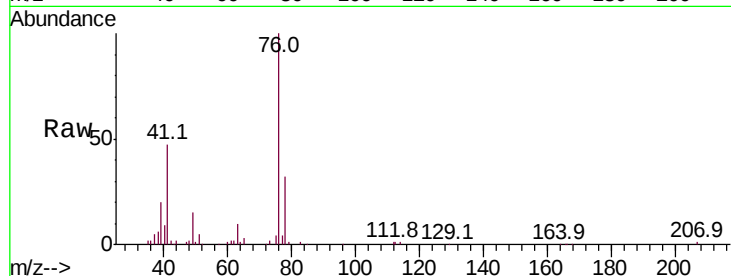
VD1001SBSD02

Tot Ion: 76 Resp: 115095

Ion Ratio Lower Upper

76 100

78 31.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 105.919 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD067010.D

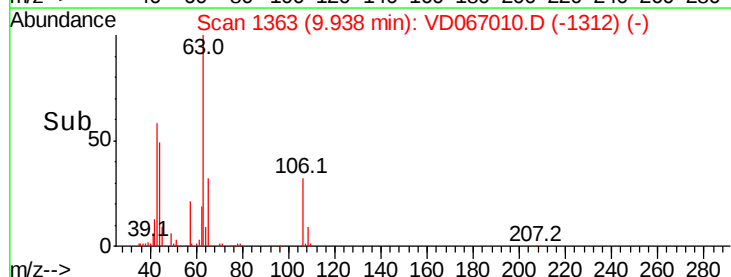
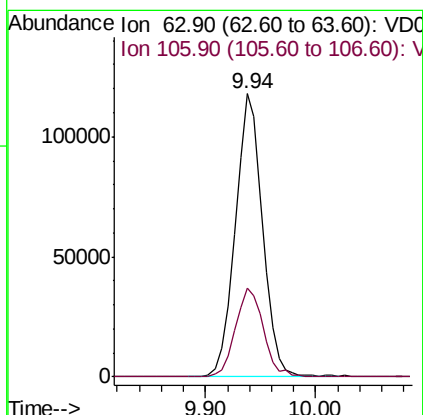
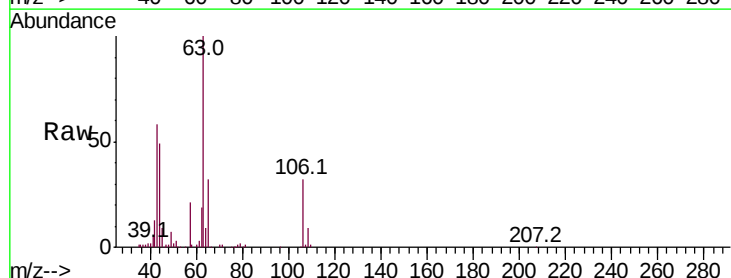
Acq: 02 Oct 2020 00:35

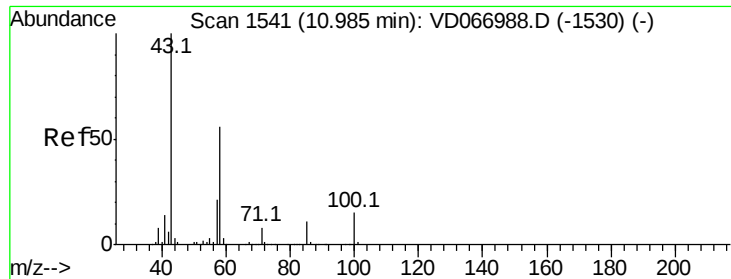
Tgt Ion: 63 Resp: 204109

Ion Ratio Lower Upper

63 100

106 32.3 25.3 37.9

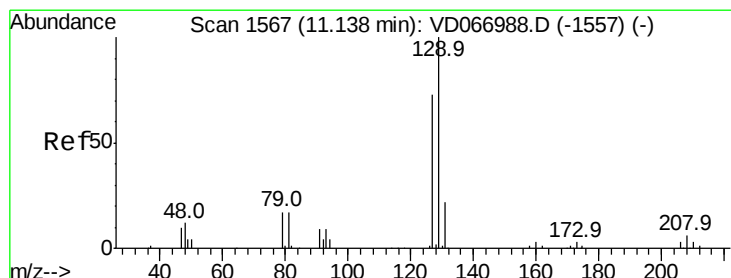
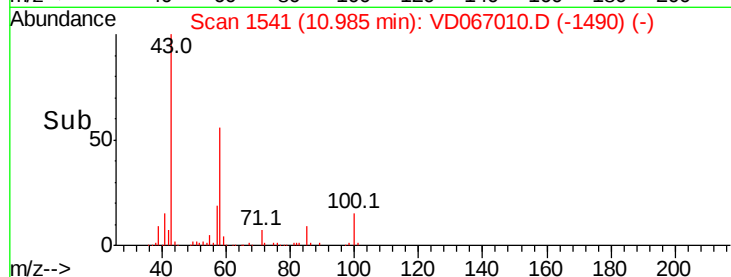
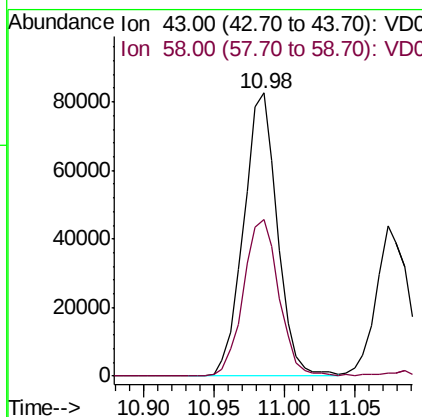
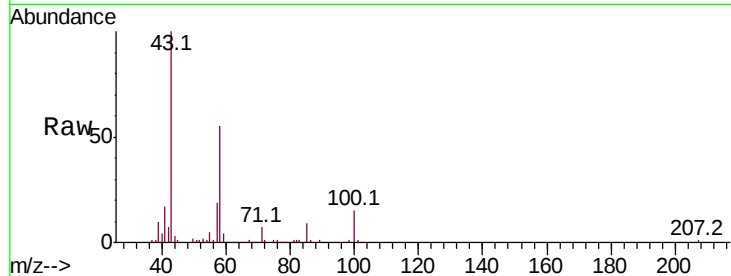




#59
2-Hexanone
Concen: 101.306 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

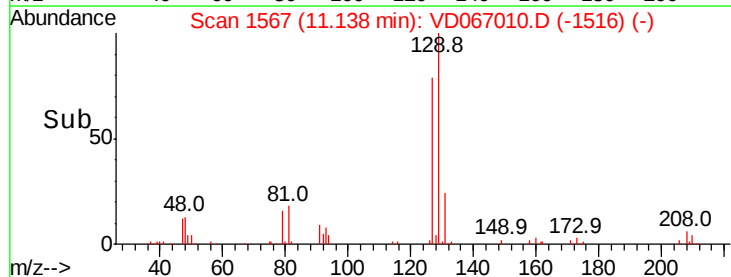
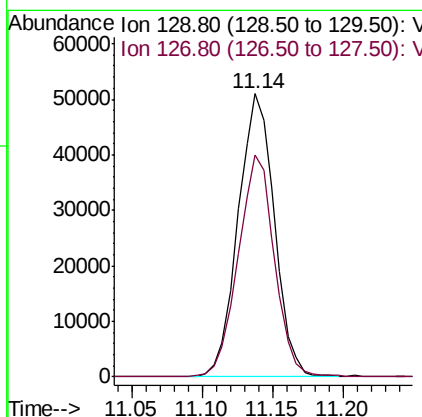
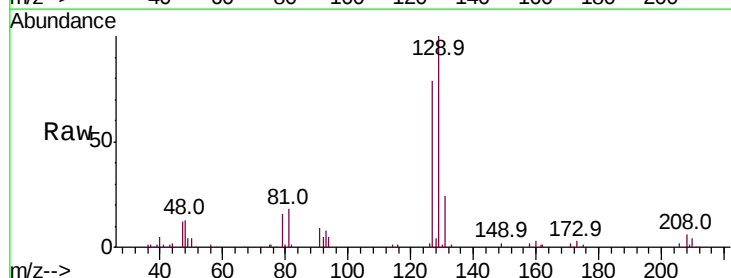
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBSD02

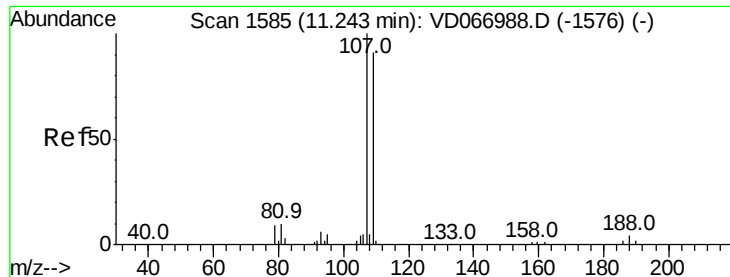
Tot Ion: 43 Resp: 138216
Ion Ratio Lower Upper
43 100
58 58.1 28.3 84.9



#60
Dibromochloromethane
Concen: 20.522 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion: 129 Resp: 91724
Ion Ratio Lower Upper
129 100
127 78.5 37.4 112.1

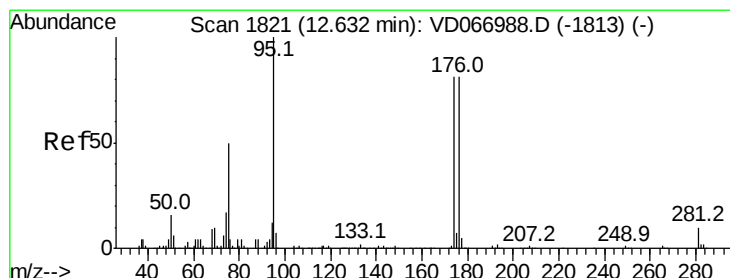
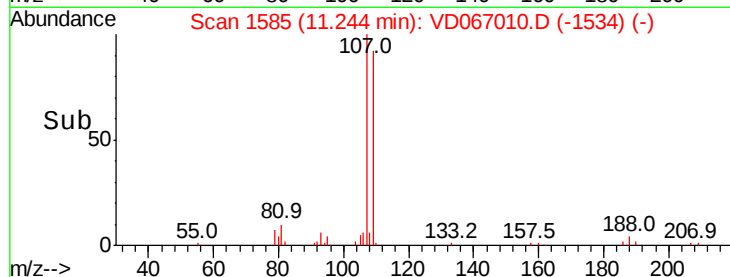
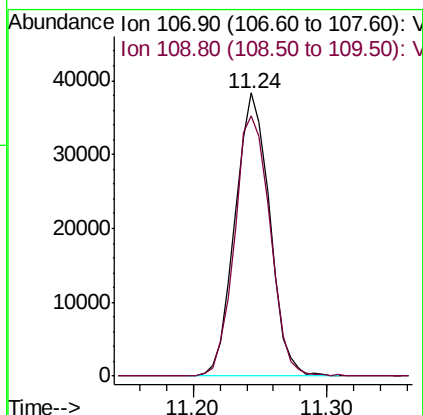
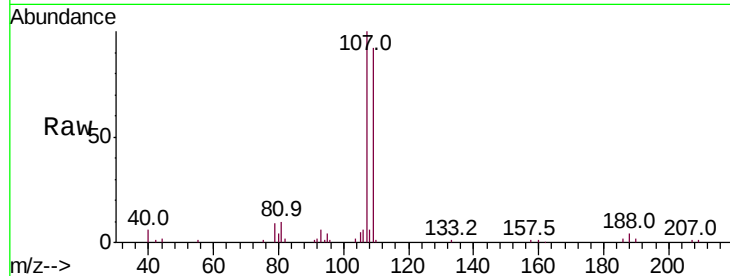




#61
 1,2-Dibromoethane
 Concen: 21.291 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

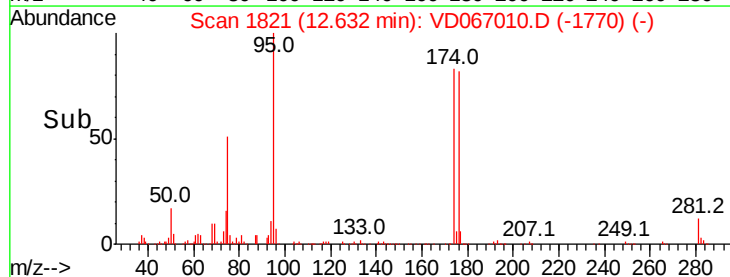
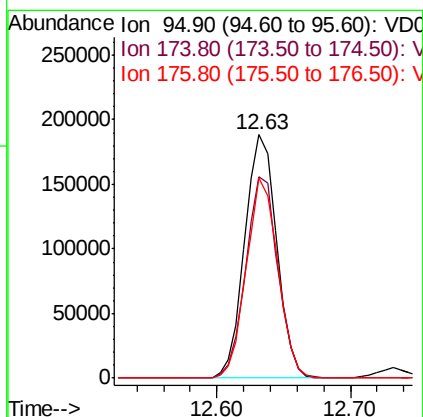
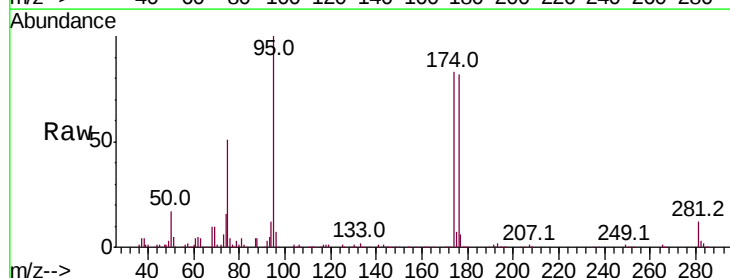
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBSD02

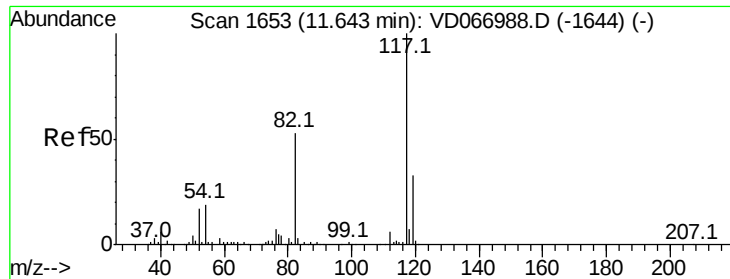
Tot Ion:107 Resp: 68595
 Ion Ratio Lower Upper
 107 100
 109 94.6 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 55.642 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

Tgt Ion: 95 Resp: 310873
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 167.6
 176 80.9 0.0 162.4

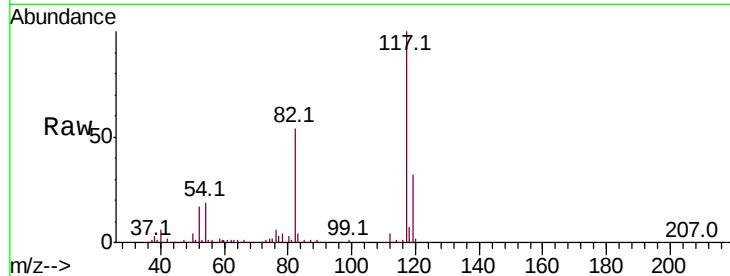




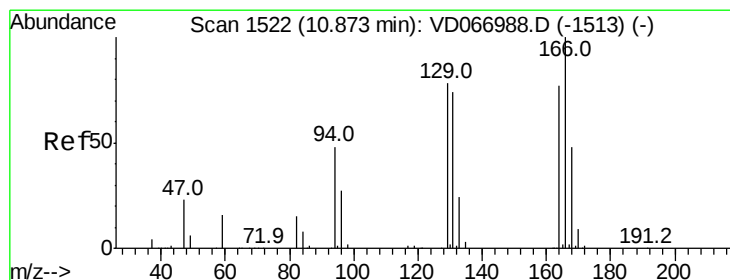
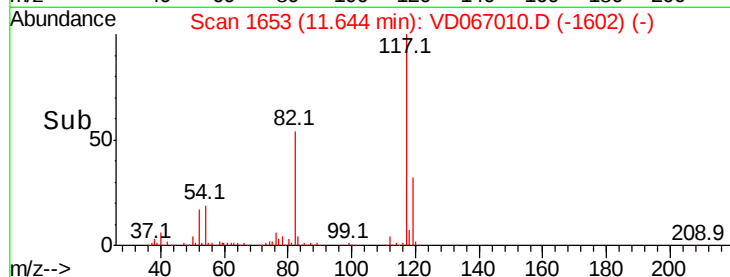
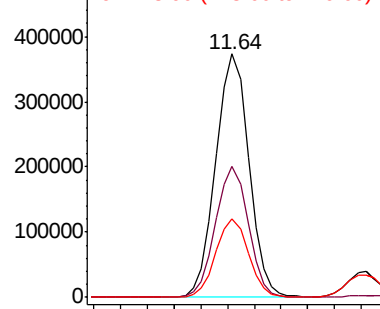
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBSD02

Tot Ion:117 Resp: 643081
Ion Ratio Lower Upper
117 100
82 53.9 42.6 63.8
119 32.5 26.3 39.5

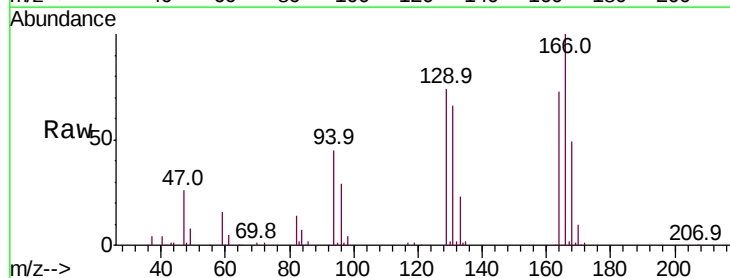


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

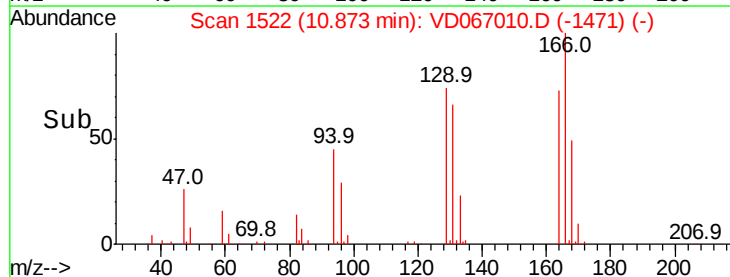
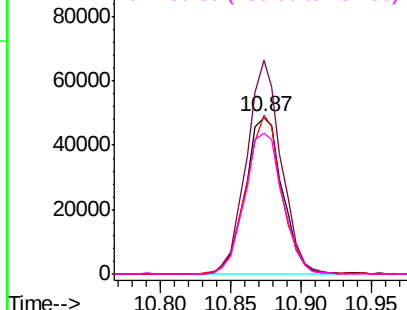


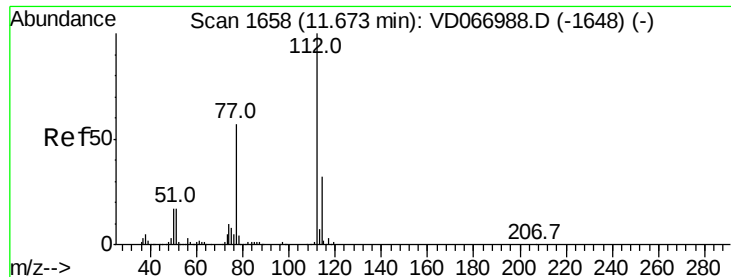
#64
Tetrachloroethene
Concen: 19.236 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion:164 Resp: 89934
Ion Ratio Lower Upper
164 100
166 136.5 104.4 156.6
129 101.6 81.3 121.9
131 89.6 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: 20.173 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

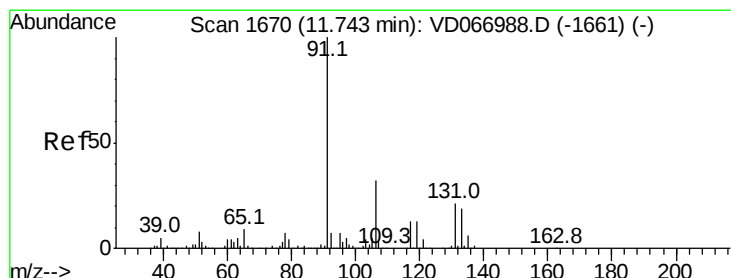
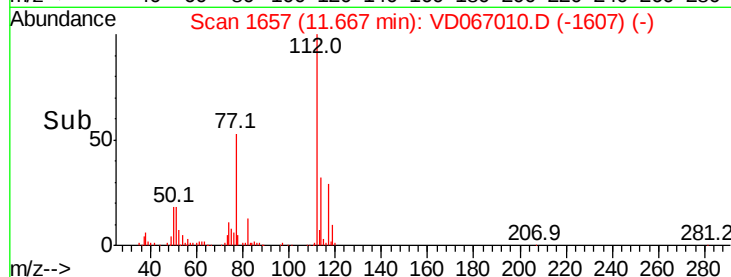
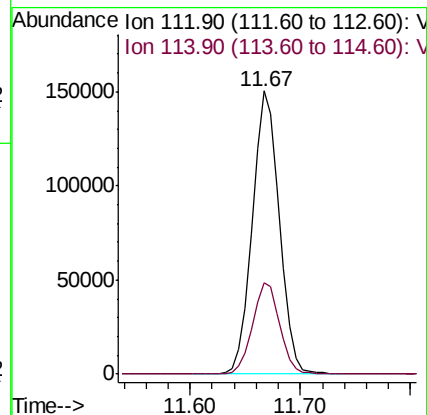
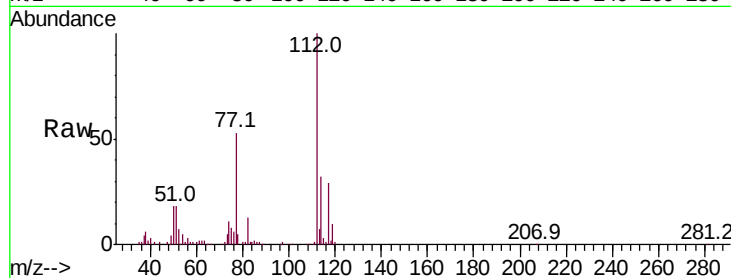
VD1001SBSD02

Tot Ion:112 Resp: 258018

Ion Ratio Lower Upper

112 100

114 32.1 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.291 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

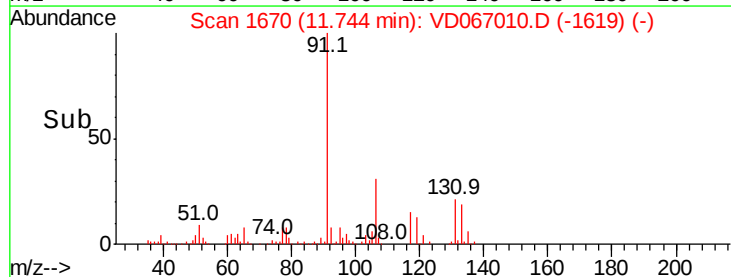
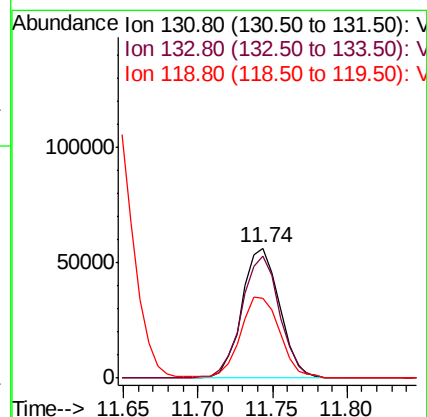
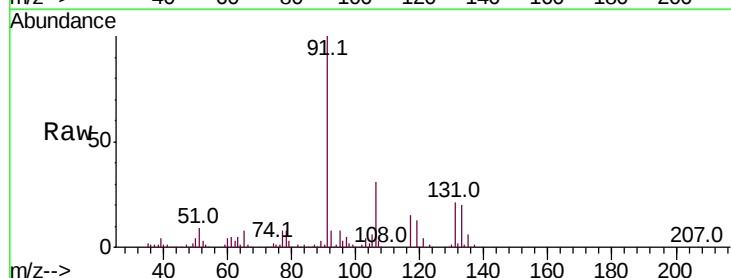
Tgt Ion:131 Resp: 98717

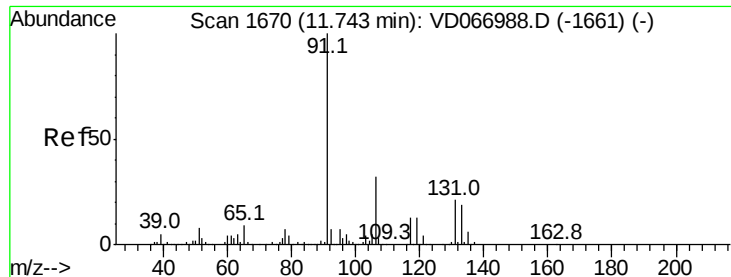
Ion Ratio Lower Upper

131 100

133 94.7 47.8 143.3

119 65.8 32.3 96.8

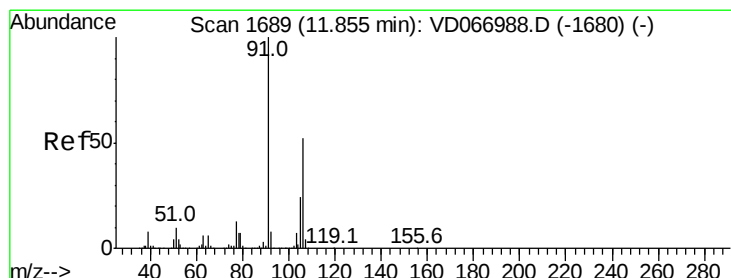
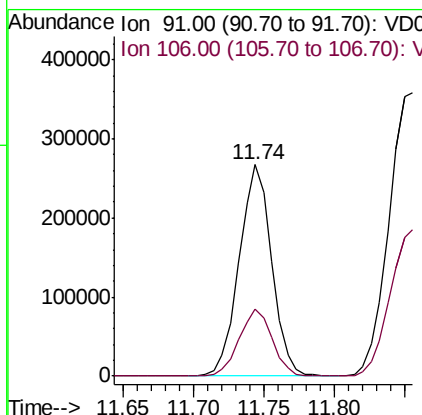
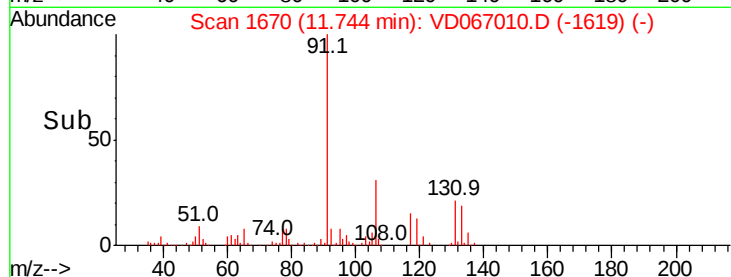
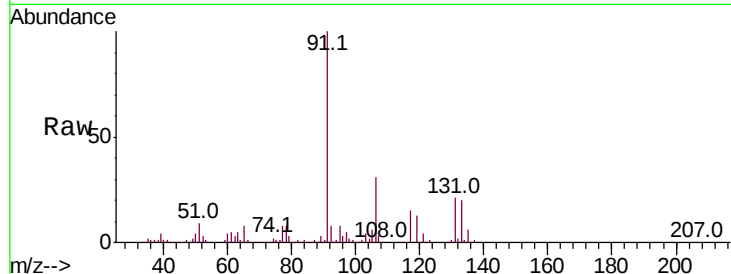




#67
Ethyl Benzene
Concen: 19.667 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

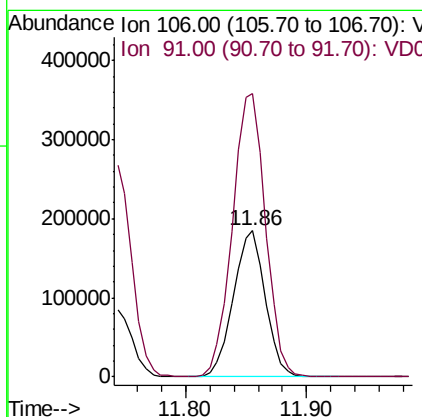
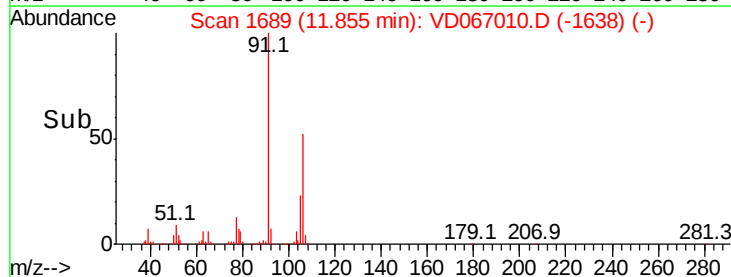
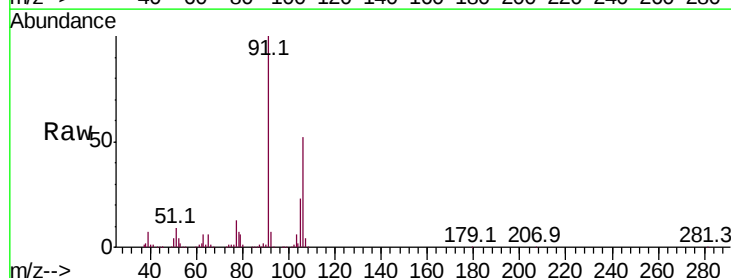
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBSD02

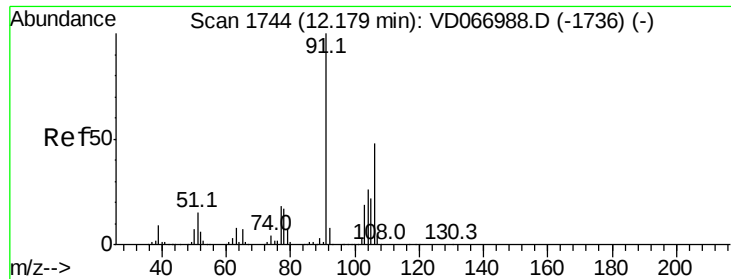
Tot Ion: 91 Resp: 430991
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 39.745 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion: 106 Resp: 339435
Ion Ratio Lower Upper
106 100
91 201.3 158.4 237.6

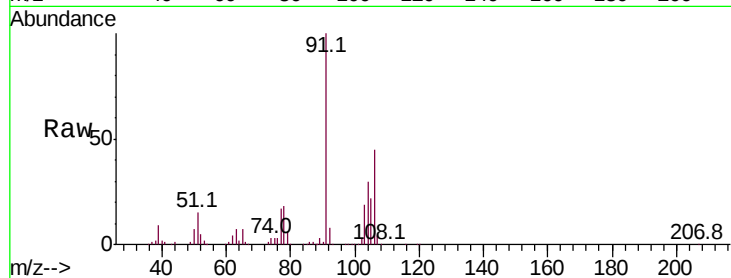




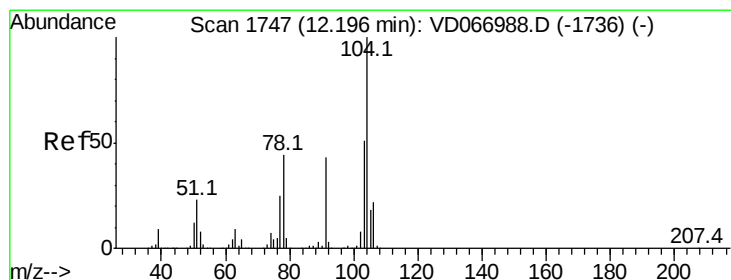
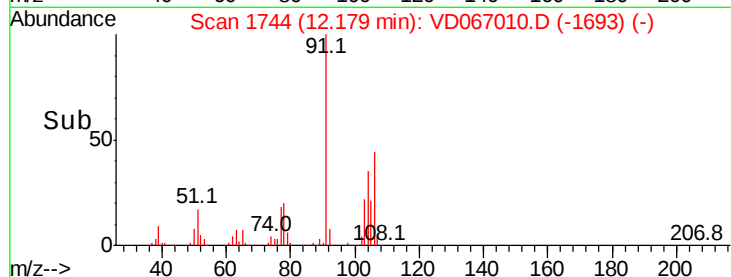
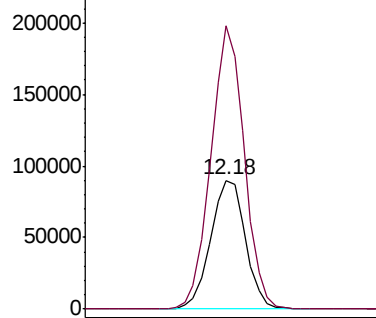
#69
o-Xylene
Concen: 20.223 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBSD02

Tot Ion:106 Resp: 154445
Ion Ratio Lower Upper
106 100
91 211.8 102.4 307.2

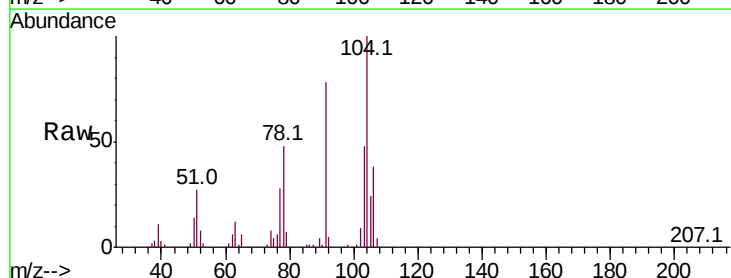


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

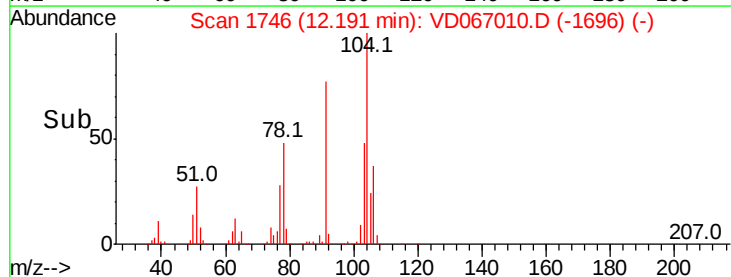
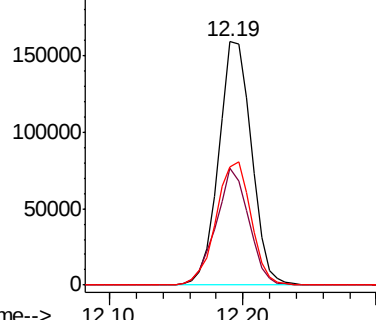


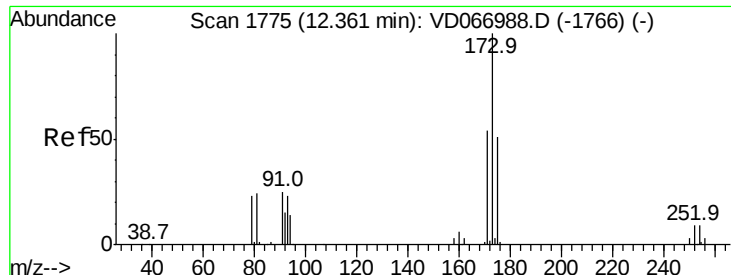
#70
Styrene
Concen: 20.601 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion:104 Resp: 270167
Ion Ratio Lower Upper
104 100
78 48.1 38.6 58.0
103 53.7 43.4 65.0



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





#71

Bromoform

Concen: 20.118 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBSD02

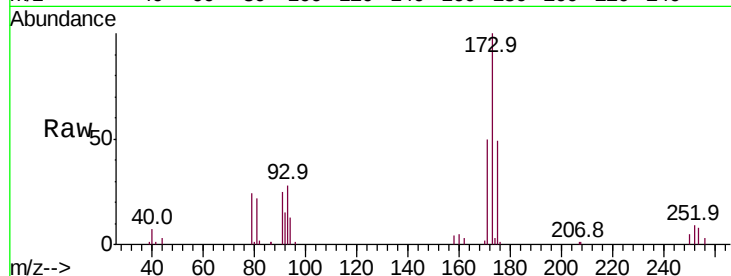
Tot Ion:173 Resp: 50806

Ion Ratio Lower Upper

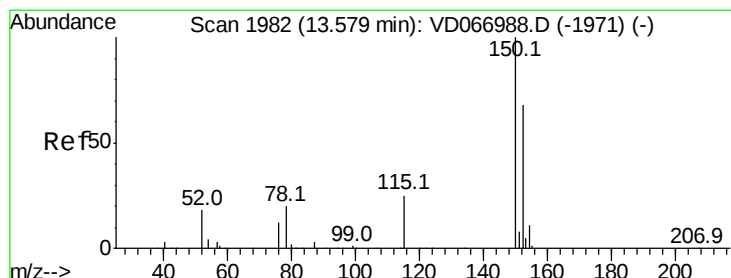
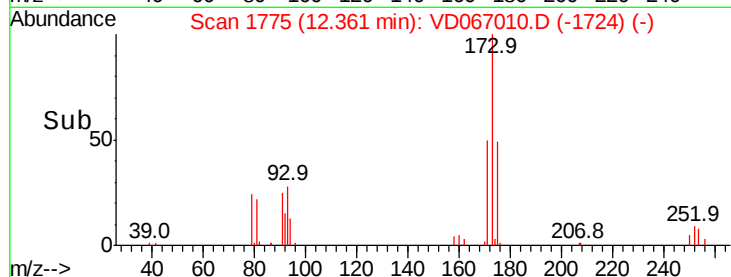
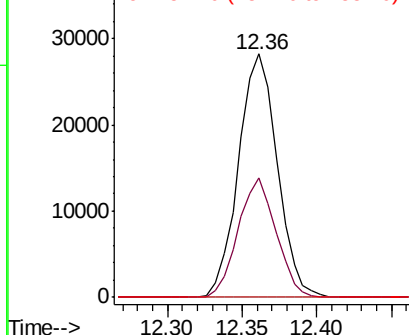
173 100

175 47.8 24.9 74.7

254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

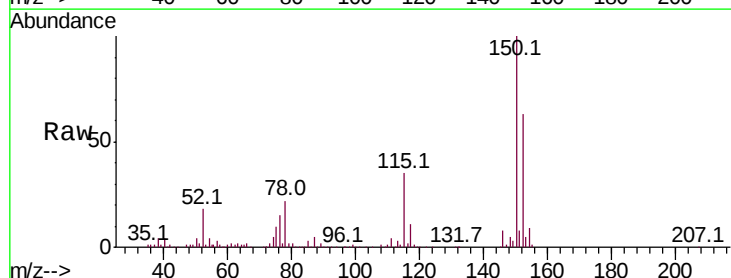
Tgt Ion:152 Resp: 317588

Ion Ratio Lower Upper

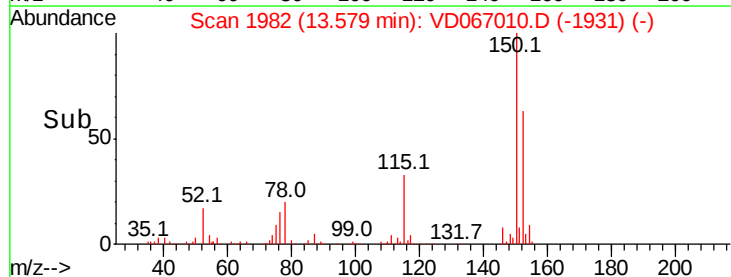
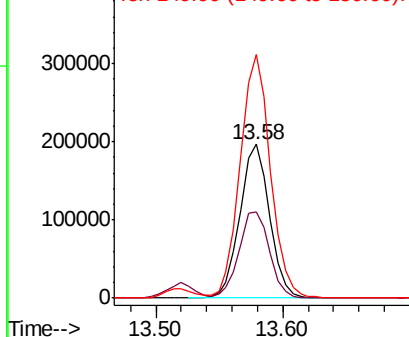
152 100

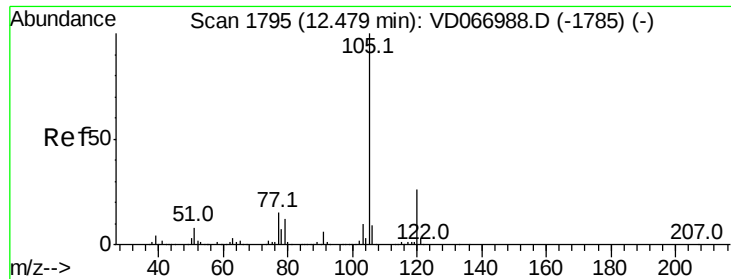
115 58.1 29.6 88.8

150 162.9 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: 18.927 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

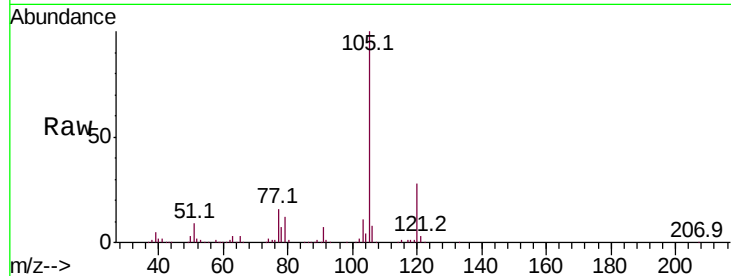
VD1001SBS02

Tot Ion:105 Resp: 408154

Ion Ratio Lower Upper

105 100

120 27.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

100000

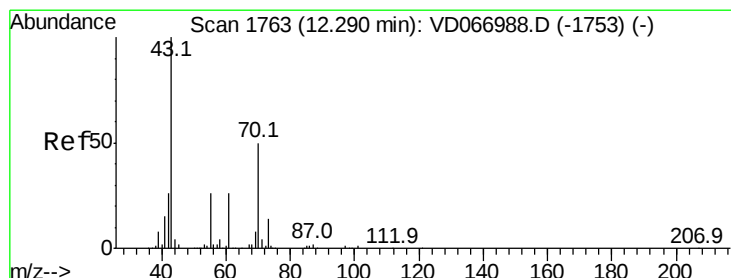
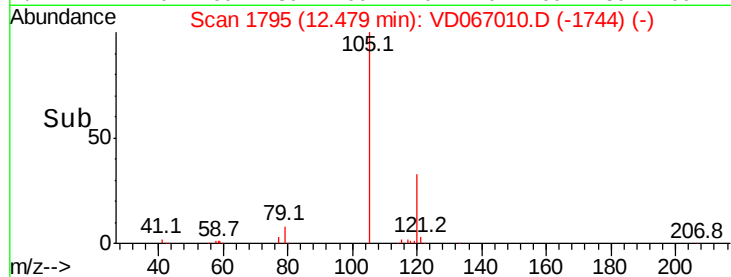
50000

0

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 18.874 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Tgt Ion: 43 Resp: 73167

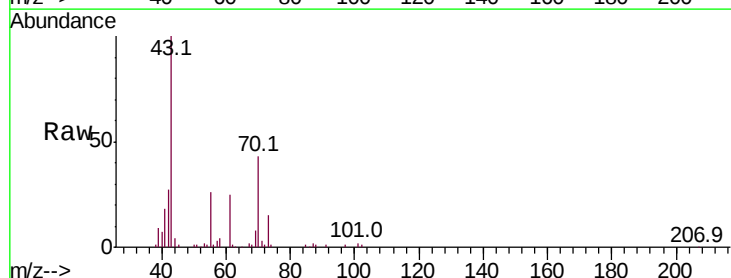
Ion Ratio Lower Upper

43 100

70 48.0 38.2 57.2

55 30.4 22.4 33.6

61 27.1 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

60000

40000

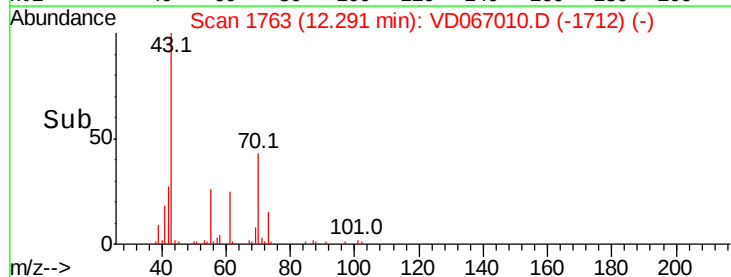
20000

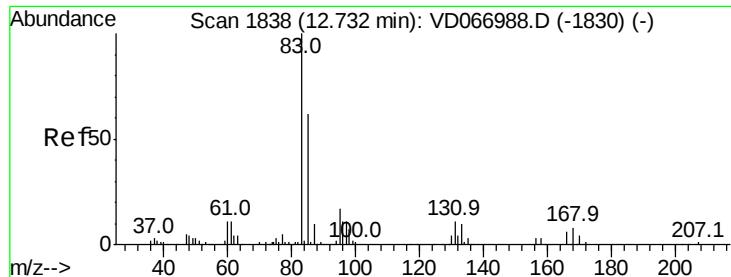
0

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.815 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBSD02

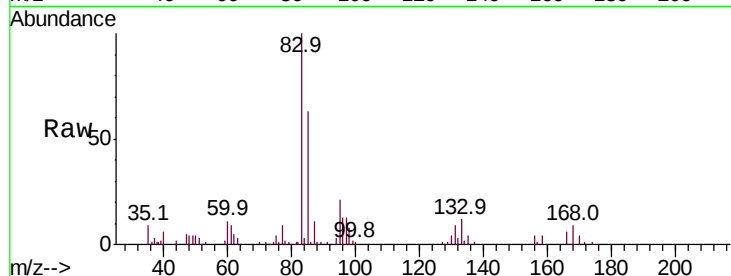
Tot Ion: 83 Resp: 71996

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.0

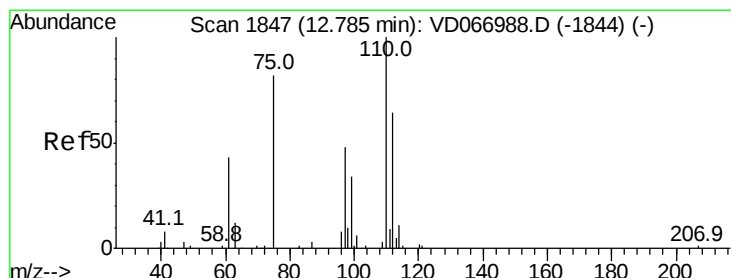
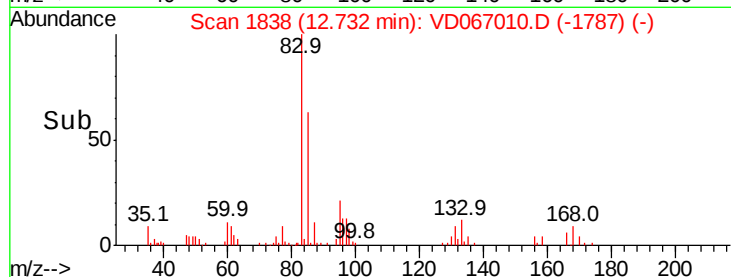
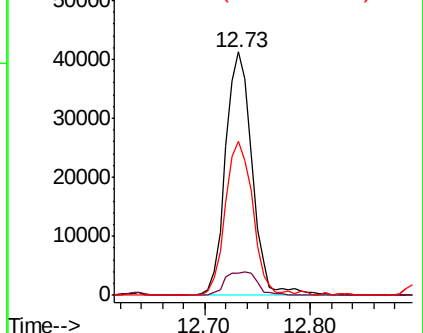
85 65.0 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 33.449 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067010.D

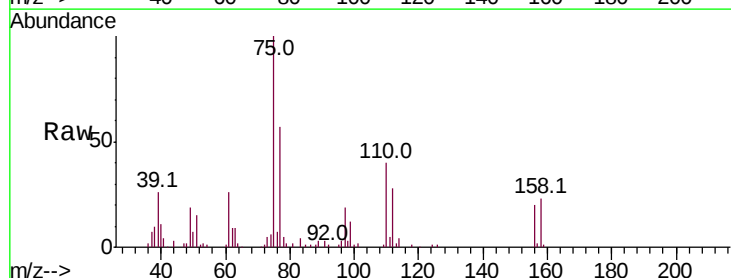
Acq: 02 Oct 2020 00:35

Tgt Ion: 75 Resp: 92531

Ion Ratio Lower Upper

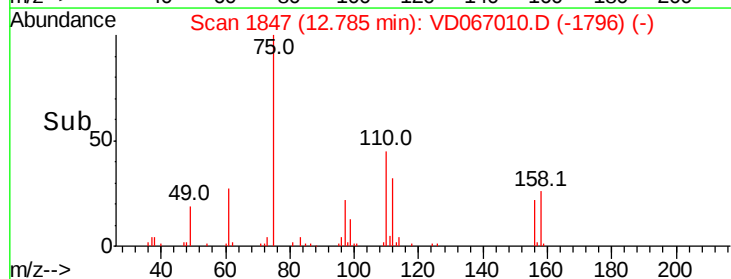
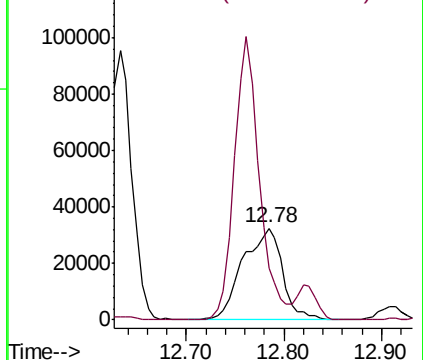
75 100

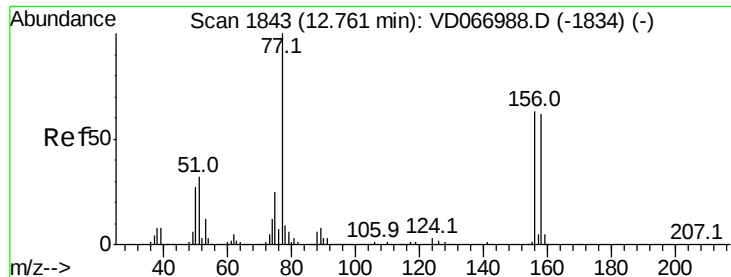
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

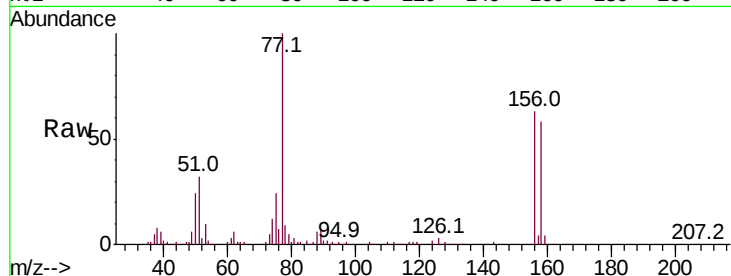




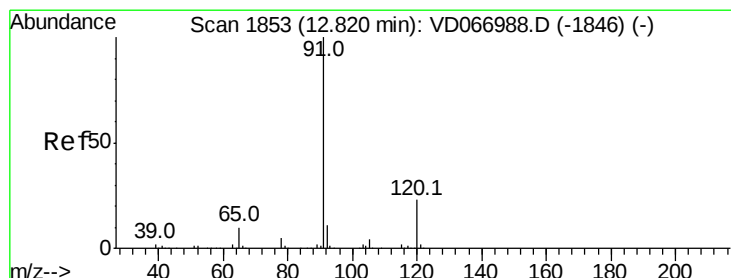
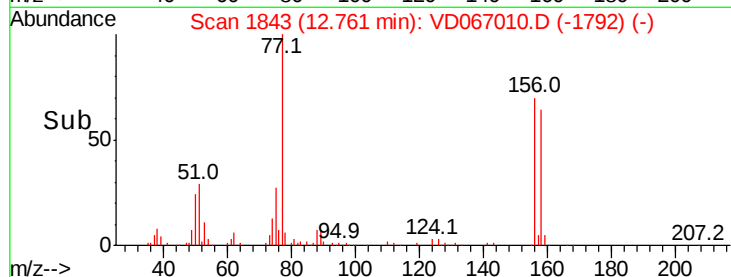
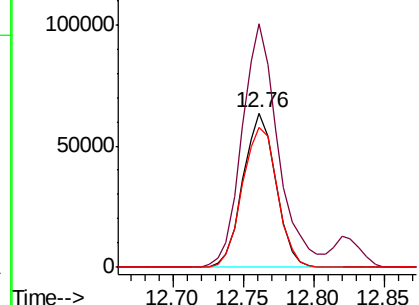
#77
Bromobenzene
Concen: 19.913 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBSD02

Tot Ion:156 Resp: 103686
Ion Ratio Lower Upper
156 100
77 172.2 86.3 258.8
158 96.6 49.5 148.3

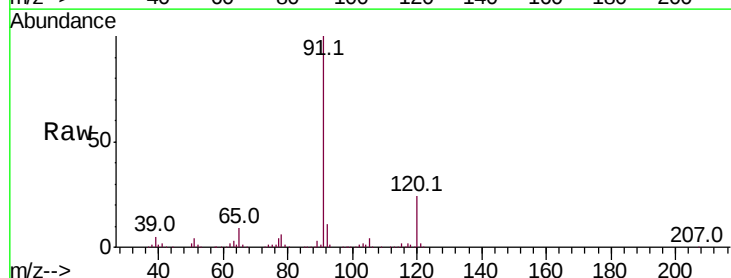


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.30): V
Ion 157.80 (157.50 to 158.10): V

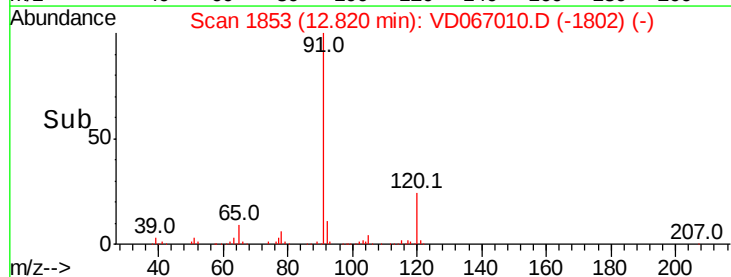
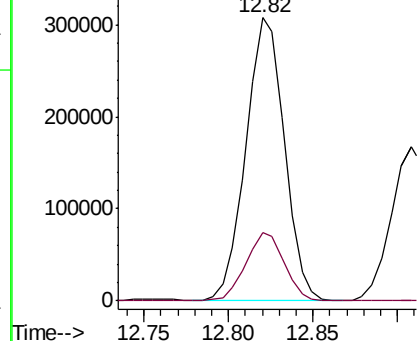


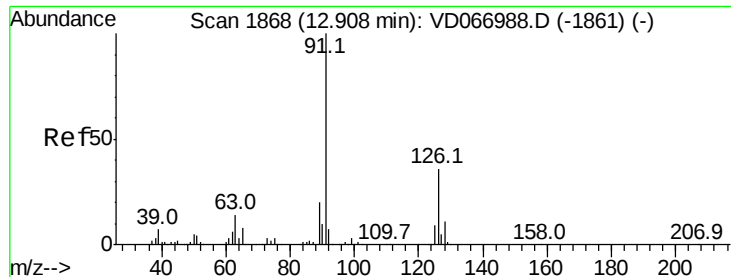
#78
n-propylbenzene
Concen: 19.140 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion: 91 Resp: 487786
Ion Ratio Lower Upper
91 100
120 24.0 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.30): V
Ion 120.00 (119.70 to 120.30): V





#79

2-Chlorotoluene

Concen: 19.710 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

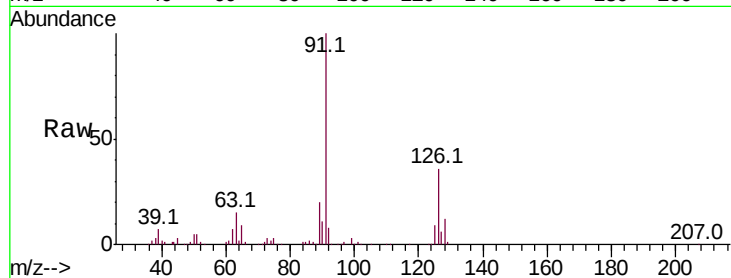
VD1001SBSD02

Tot Ion: 91 Resp: 287399

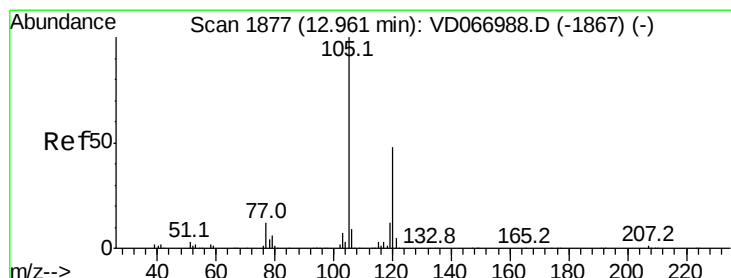
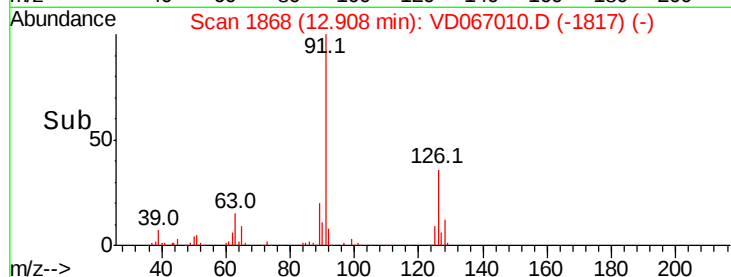
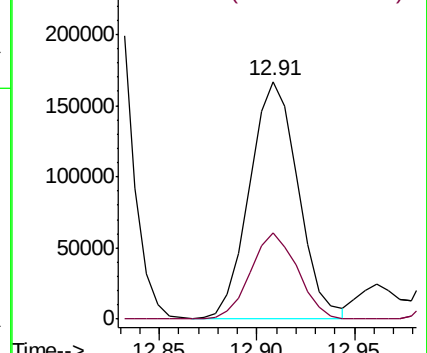
Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 19.510 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067010.D

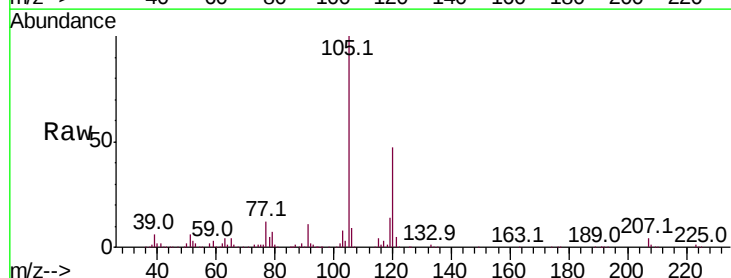
Acq: 02 Oct 2020 00:35

Tgt Ion:105 Resp: 355461

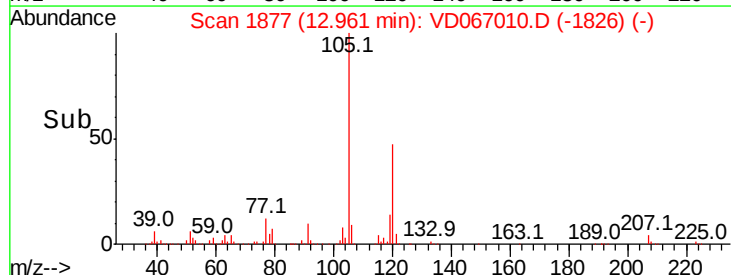
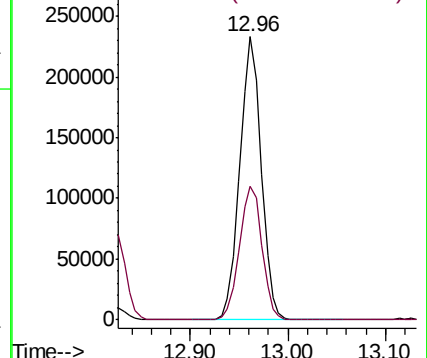
Ion Ratio Lower Upper

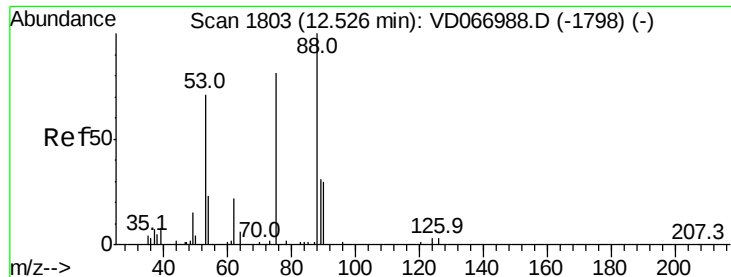
105 100

120 49.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.720 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBSD02

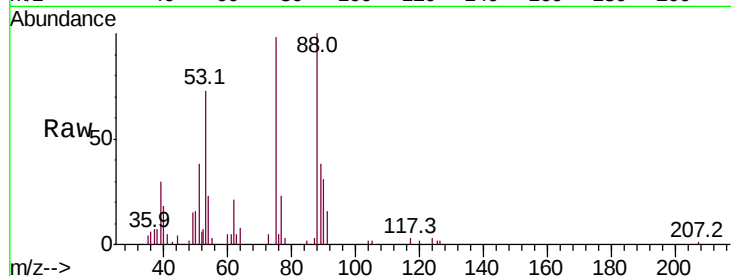
Tot Ion: 75 Resp: 20771

Ion Ratio Lower Upper

75 100

53 89.8 73.8 110.6

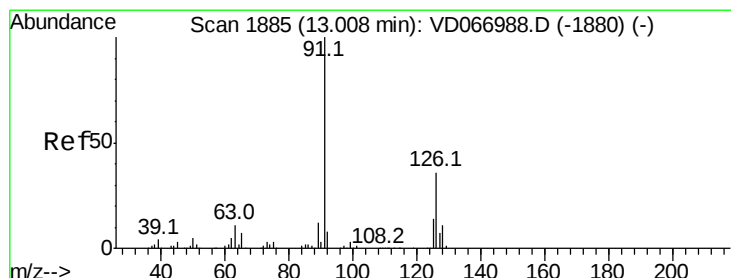
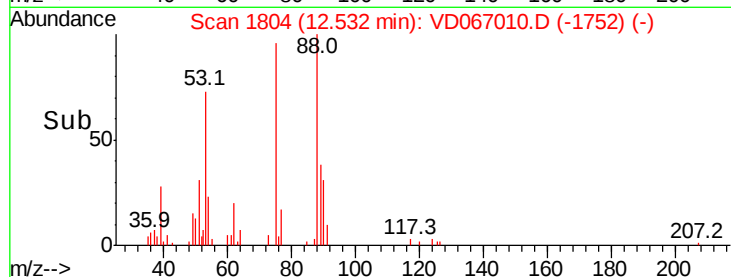
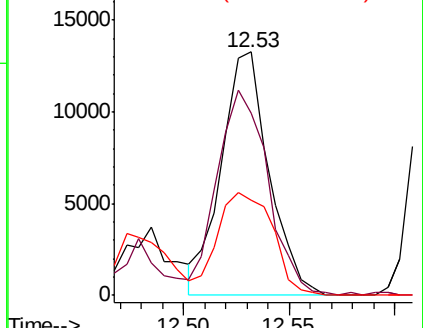
89 49.2 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 19.446 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067010.D

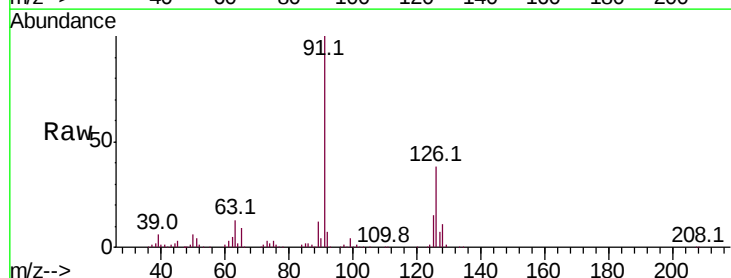
Acq: 02 Oct 2020 00:35

Tgt Ion: 91 Resp: 301681

Ion Ratio Lower Upper

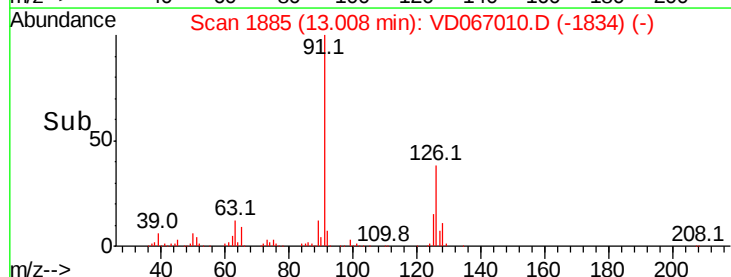
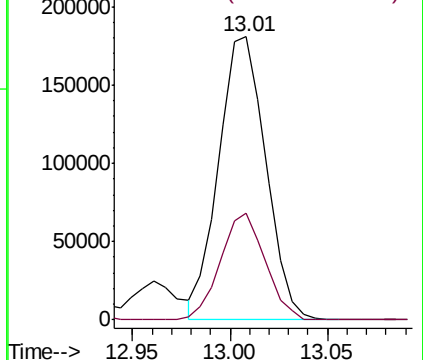
91 100

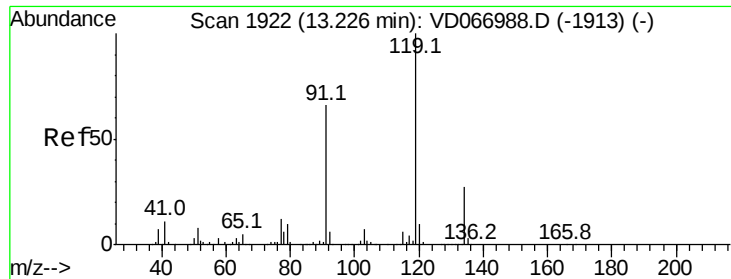
126 36.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

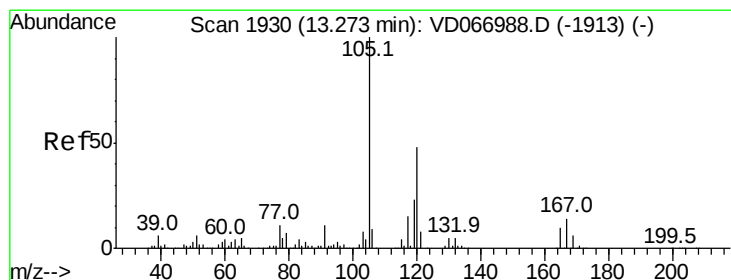
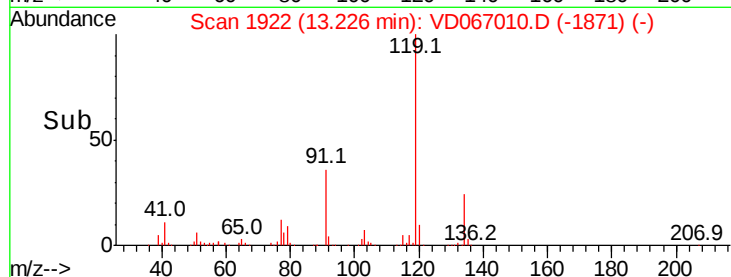
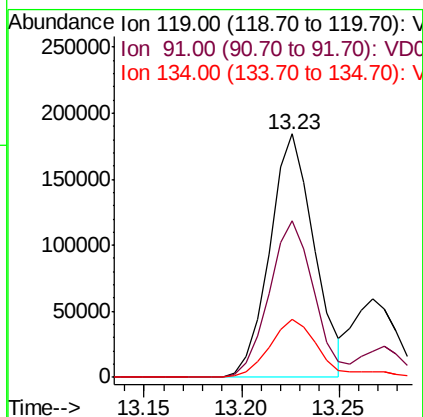
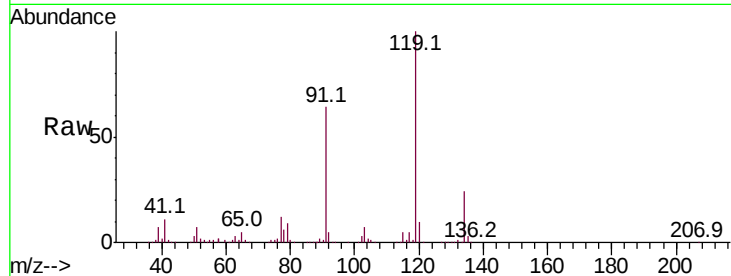




#83
tert-Butylbenzene
Concen: 18.909 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

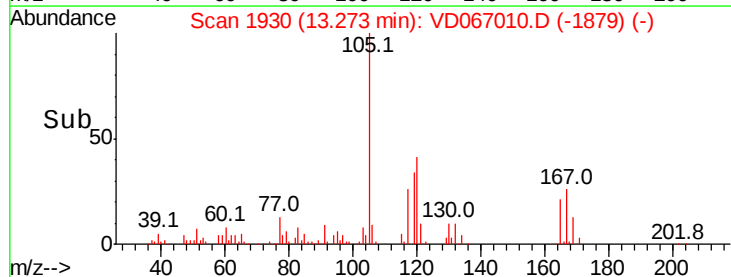
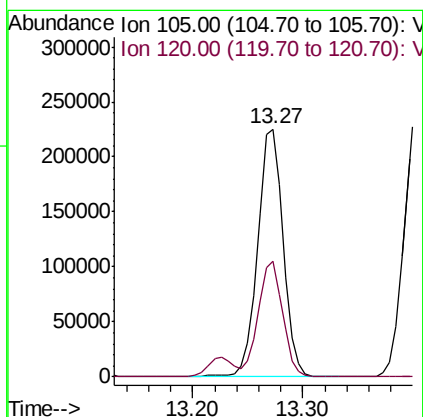
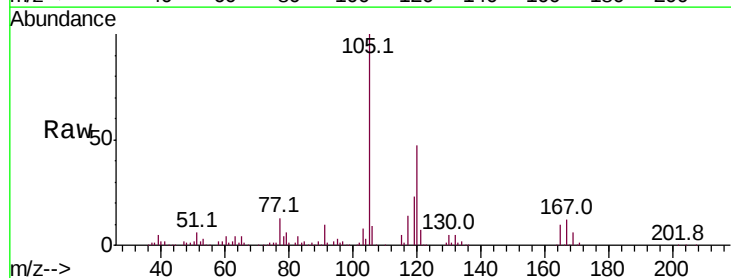
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBSD02

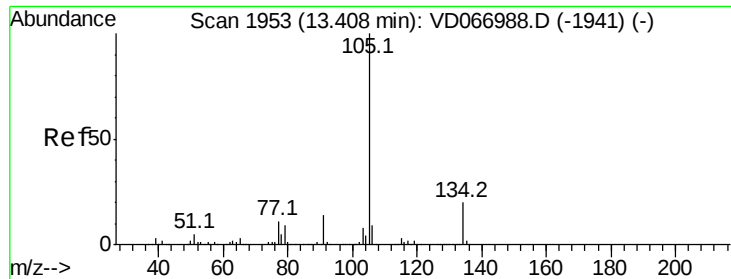
Tot Ion:119 Resp: 290109
Ion Ratio Lower Upper
119 100
91 65.2 32.8 98.3
134 27.3 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 20.082 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion:105 Resp: 365140
Ion Ratio Lower Upper
105 100
120 44.6 23.3 69.8





#85

sec-Butylbenzene

Concen: 18.778 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

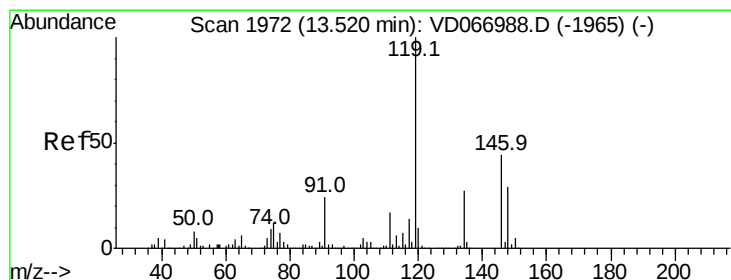
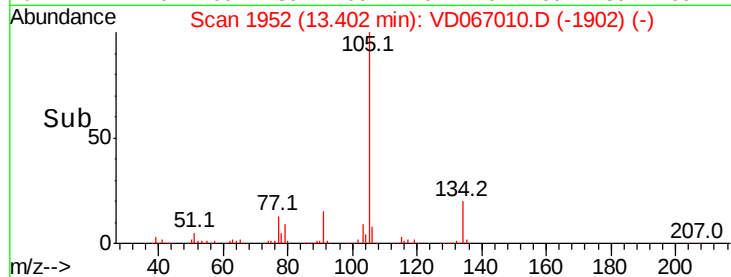
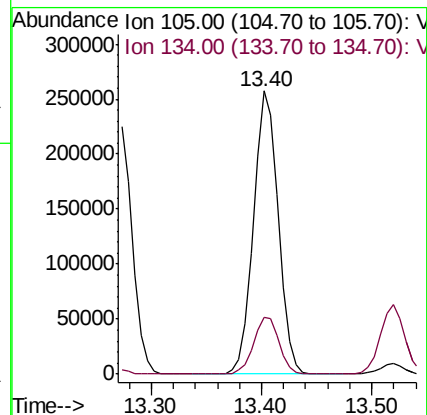
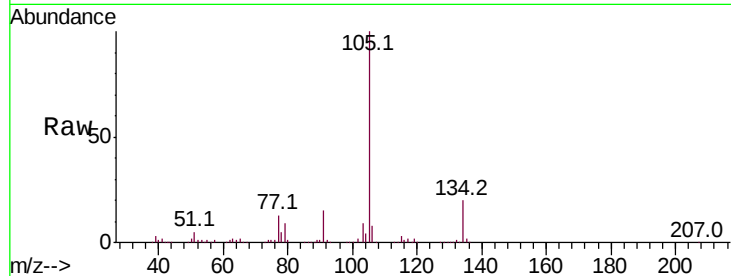
VD1001SBSD02

Tot Ion:105 Resp: 405725

Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.8



#86

p-Isopropyltoluene

Concen: 18.500 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

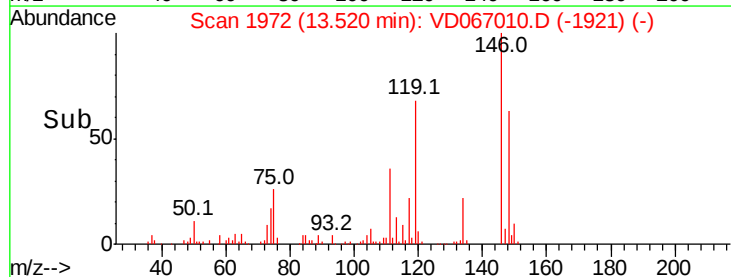
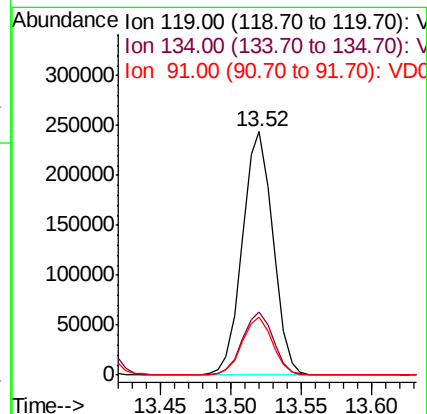
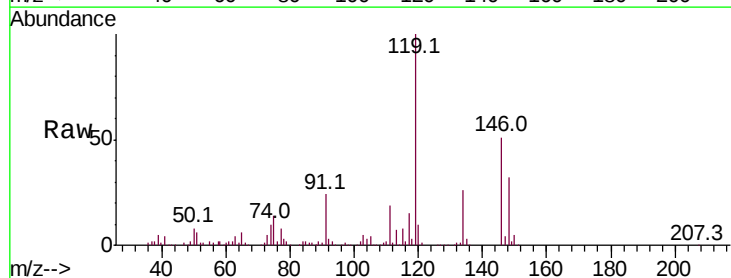
Tgt Ion:119 Resp: 370581

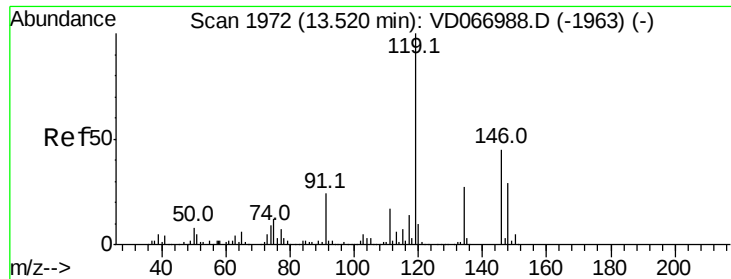
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.9 11.7 35.1

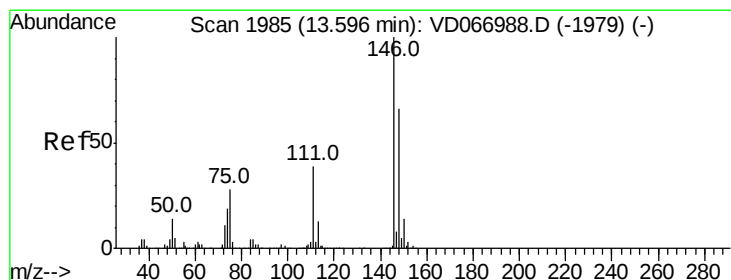
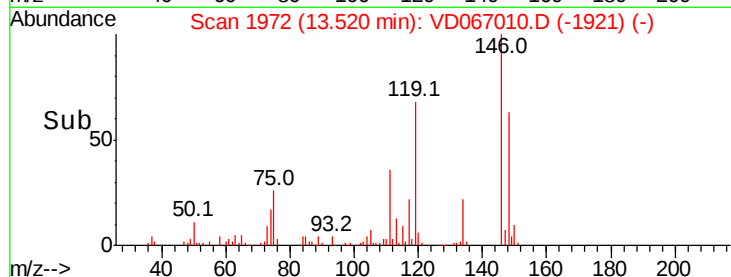
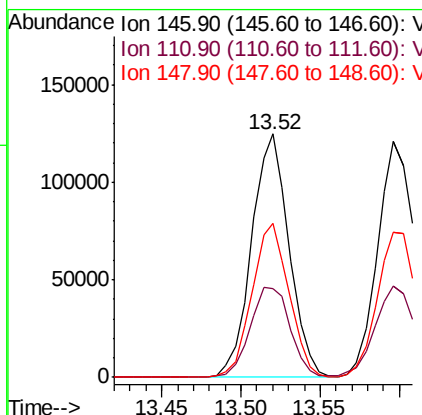
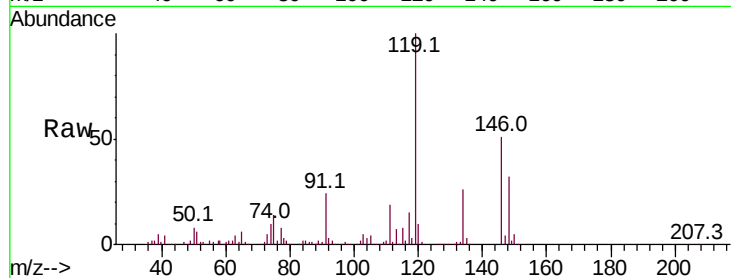




#87
 1,3-Dichlorobenzene
 Concen: 20.183 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

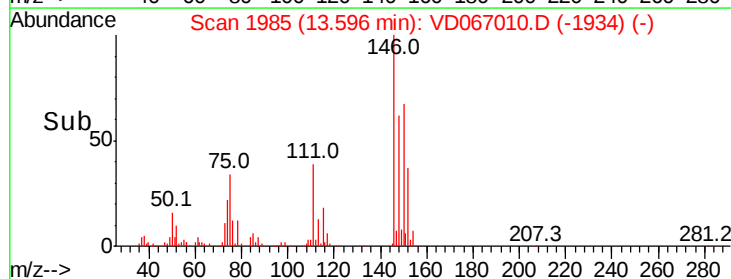
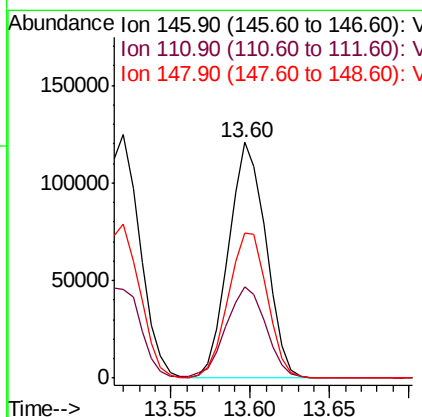
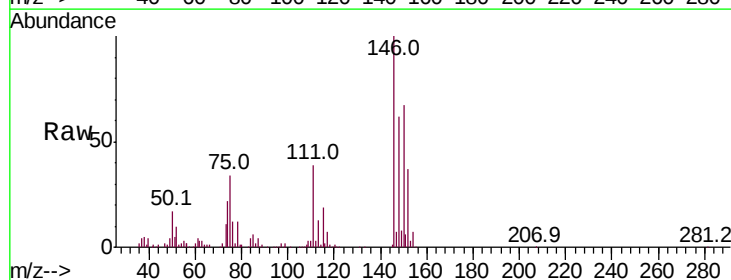
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBSD02

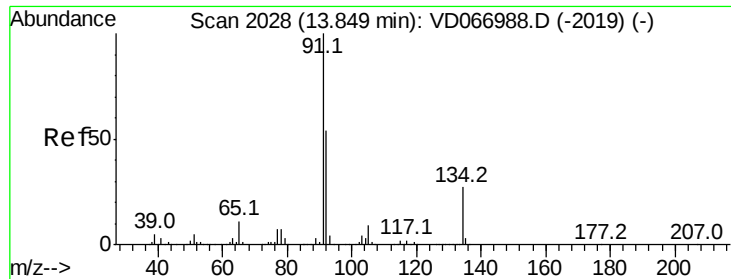
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.0	60.0
148	62.7	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.416 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	19.6	58.7
148	64.4	32.6	97.7

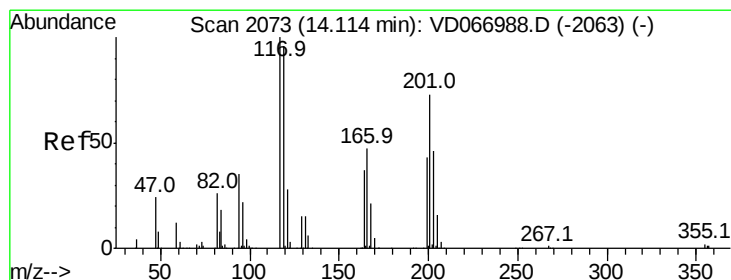
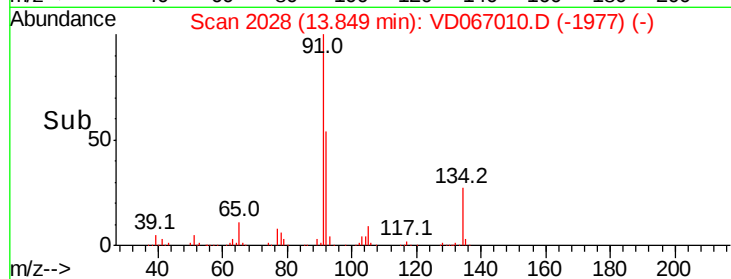
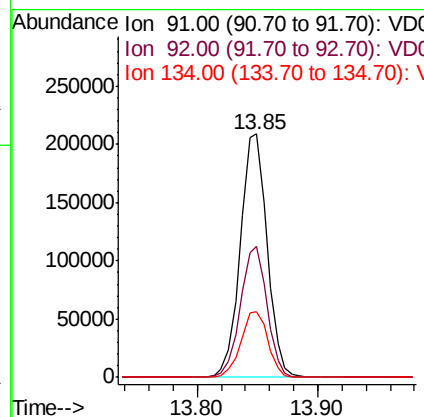
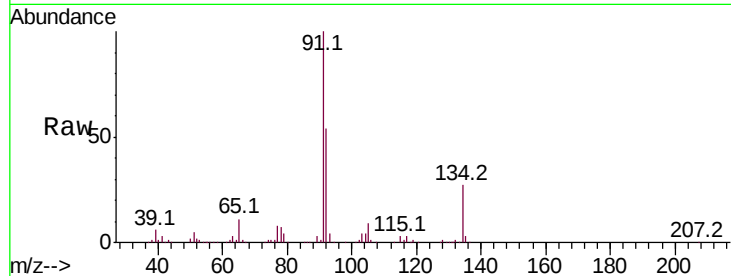




#89
n-Butylbenzene
Concen: 17.716 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

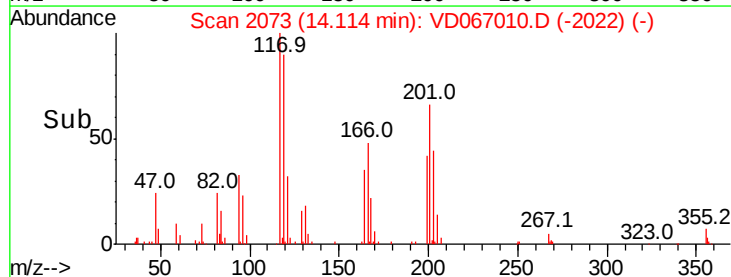
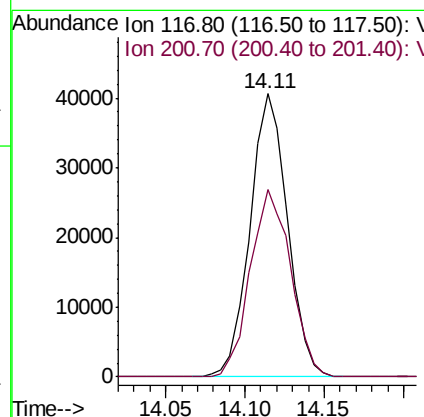
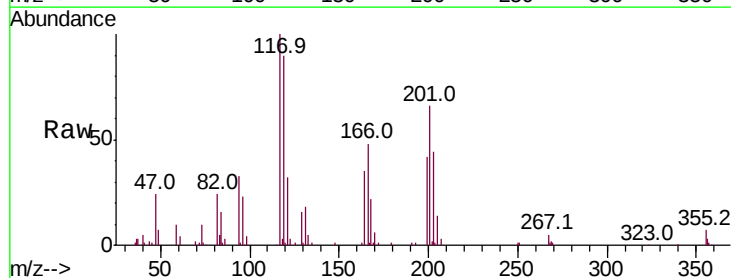
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBSD02

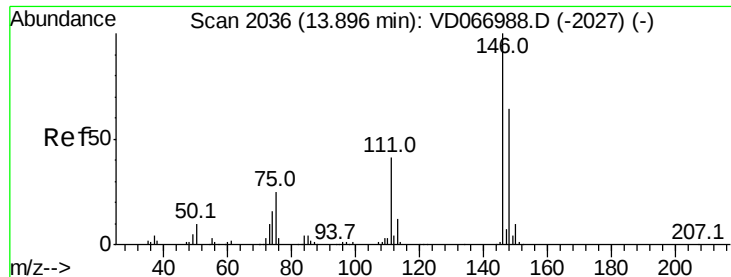
Tot Ion: 91 Resp: 324332
Ion Ratio Lower Upper
91 100
92 53.1 27.1 81.2
134 27.1 13.6 40.8



#90
Hexachloroethane
Concen: 19.053 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion: 117 Resp: 66855
Ion Ratio Lower Upper
117 100
201 71.1 37.0 110.9





#91

1,2-Dichlorobenzene

Concen: 19.758 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBS02

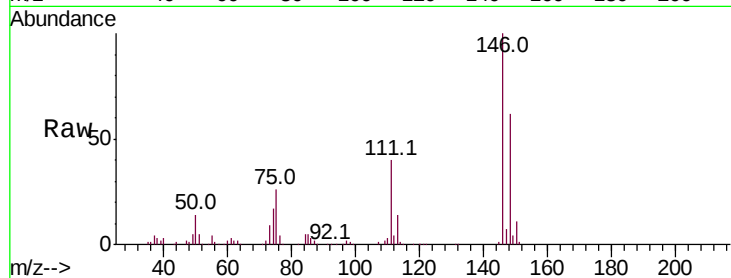
Tot Ion:146 Resp: 175008

Ion Ratio Lower Upper

146 100

111 40.9 20.9 62.7

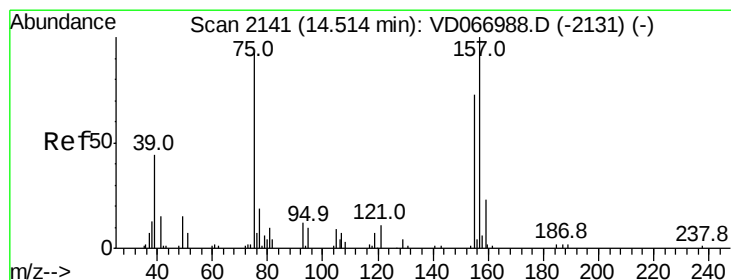
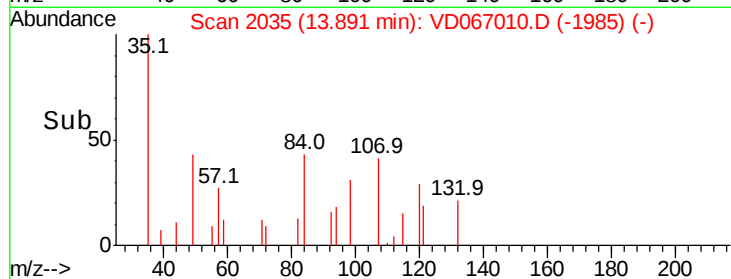
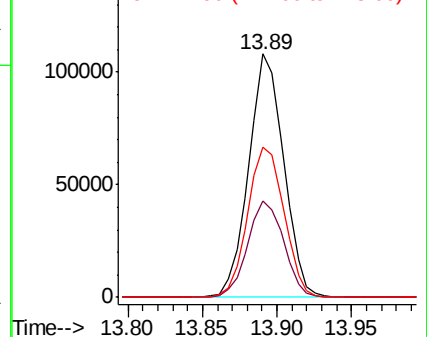
148 64.0 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.551 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD067010.D

Acq: 02 Oct 2020 00:35

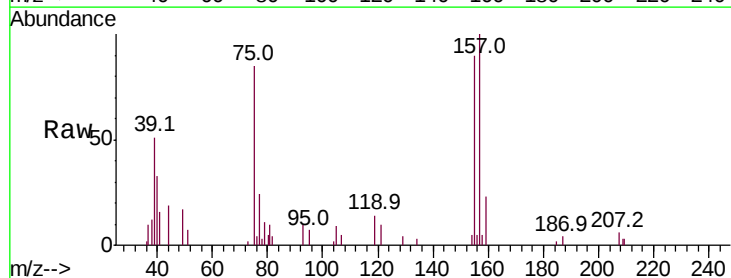
Tgt Ion: 75 Resp: 11451

Ion Ratio Lower Upper

75 100

155 88.7 45.2 135.6

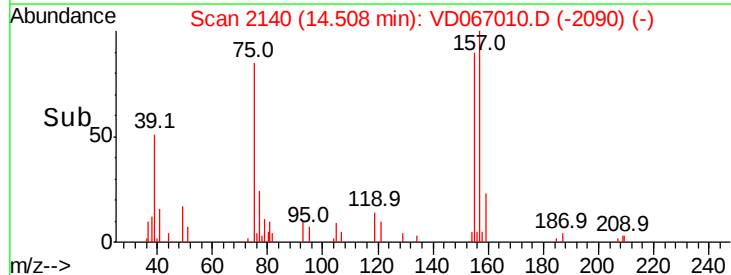
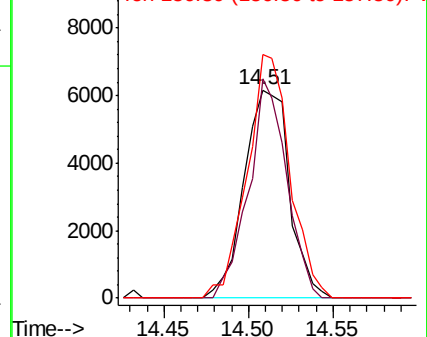
157 111.0 56.3 168.8

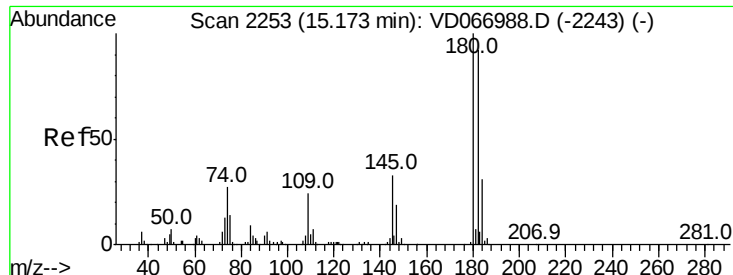


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

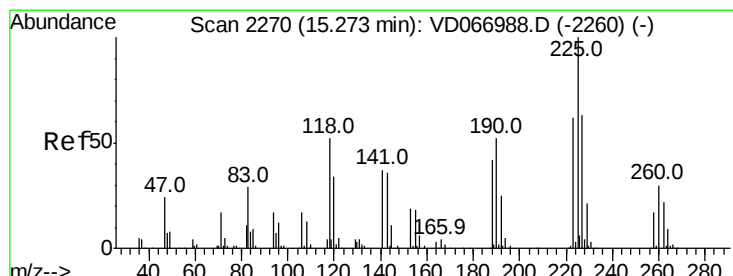
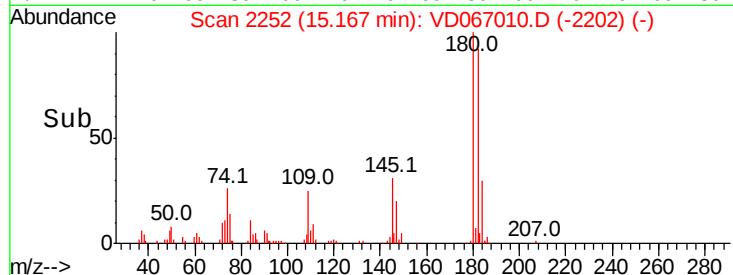
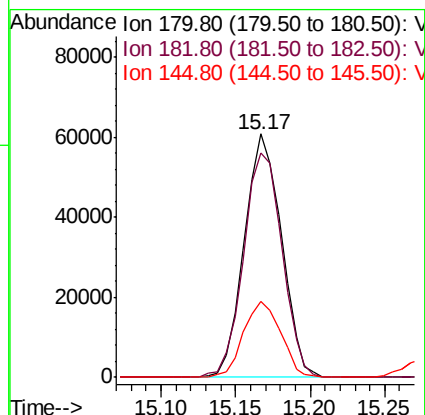
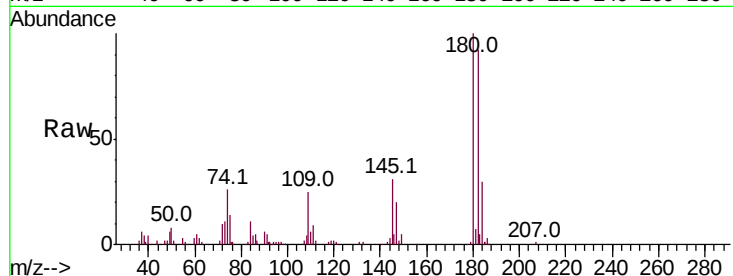




#93
 1,2,4-Trichlorobenzene
 Concen: 18.270 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

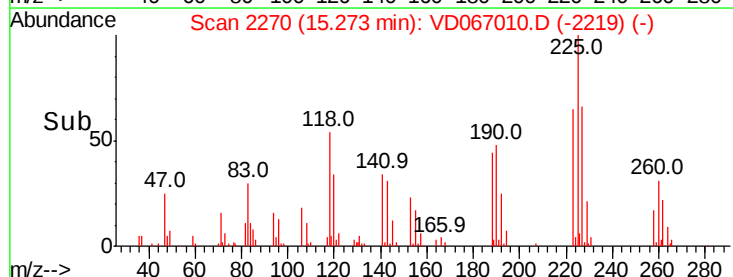
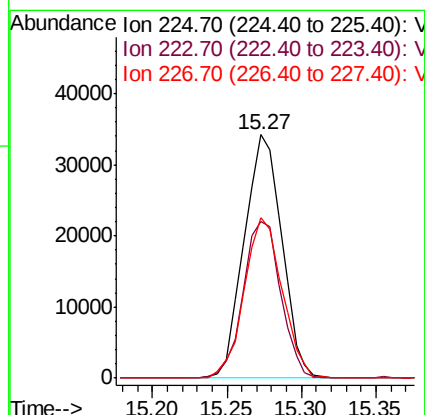
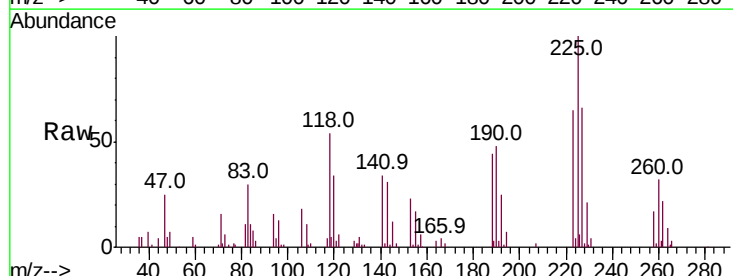
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBSD02

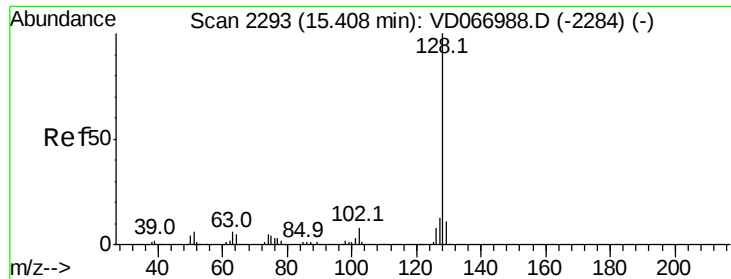
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	31.3	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 17.033 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067010.D
 Acq: 02 Oct 2020 00:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.4	97.0
227	65.9	31.6	95.0

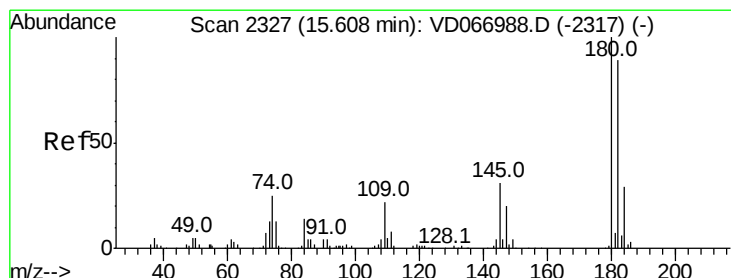
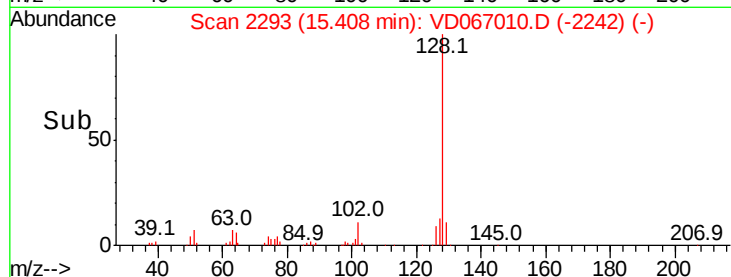
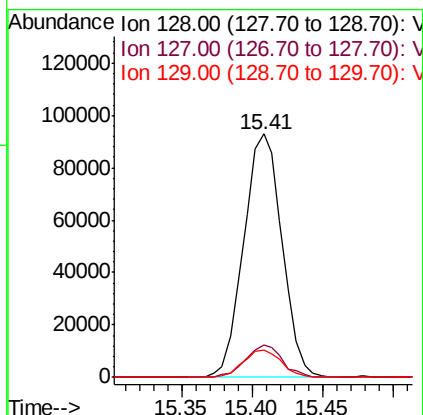
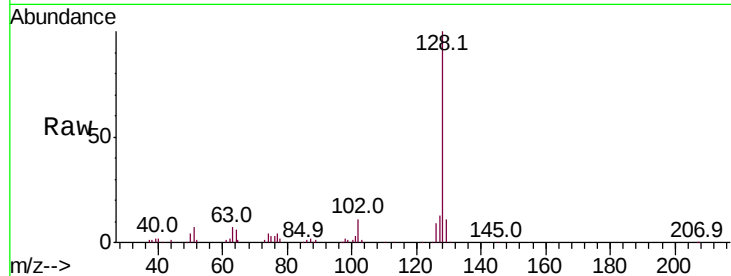




#95
Naphthalene
Concen: 18.492 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBSD02

Tot Ion:128 Resp: 176723
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.286 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067010.D
Acq: 02 Oct 2020 00:35

Tgt Ion:180 Resp: 95924
Ion Ratio Lower Upper
180 100
182 93.4 46.4 139.1
145 32.6 16.6 49.7

