

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067746.D
 Acq On : 23 Nov 2020 15:26
 Operator : VA/SY
 Sample : VD1123SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1123SBS01

Quant Time: Nov 24 00:56:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	286965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	417651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	389210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	196080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	140297	50.28	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.56%
35) Dibromofluoromethane	7.91	113	133968	50.40	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.80%
50) Toluene-d8	10.34	98	489417	50.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.72%
62) 4-Bromofluorobenzene	12.64	95	168504	50.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.46%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	45235	18.114	ug/l 95
3) Chloromethane	2.21	50	29434	21.171	ug/l 97
4) Vinyl Chloride	2.34	62	34918	20.043	ug/l 100
5) Bromomethane	2.76	94	29633	19.965	ug/l 99
6) Chloroethane	2.92	64	23178	19.962	ug/l 94
7) Trichlorofluoromethane	3.27	101	104785	19.711	ug/l 97
8) Diethyl Ether	3.71	74	21445	19.980	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	51331	20.164	ug/l 98
10) Methyl Iodide	4.30	142	48918	18.774	ug/l 99
11) Tert butyl alcohol	5.22	59	16985	88.874	ug/l # 95
12) 1,1-Dichloroethene	4.07	96	46378	19.689	ug/l 99
13) Acrolein	3.92	56	11295	97.664	ug/l 99
14) Allyl chloride	4.71	41	46763	20.537	ug/l 98
15) Acrylonitrile	5.43	53	36730	98.253	ug/l 95
16) Acetone	4.16	43	34771	96.463	ug/l 95
17) Carbon Disulfide	4.41	76	136952	20.101	ug/l 99
18) Methyl Acetate	4.71	43	15419	21.262	ug/l 91
19) Methyl tert-butyl Ether	5.48	73	101334	20.129	ug/l 99
20) Methylene Chloride	4.97	84	59491	17.033	ug/l 97
21) trans-1,2-Dichloroethene	5.47	96	52558	19.625	ug/l 97
22) Diisopropyl ether	6.37	45	94283	20.976	ug/l 93
23) Vinyl Acetate	6.31	43	263693	104.003	ug/l 99
24) 1,1-Dichloroethane	6.26	63	79131	20.765	ug/l 96
25) 2-Butanone	7.21	43	39778	98.342	ug/l 91
26) 2,2-Dichloropropane	7.21	77	88702	19.731	ug/l 99
27) cis-1,2-Dichloroethene	7.21	96	57668	20.202	ug/l 99
28) Bromochloromethane	7.56	49	24121	19.761	ug/l # 98
29) Tetrahydrofuran	7.56	42	25055	108.946	ug/l 96
30) Chloroform	7.71	83	97075	19.480	ug/l 97
31) Cyclohexane	7.98	56	66937	19.827	ug/l 97
32) 1,1,1-Trichloroethane	7.90	97	101633	19.258	ug/l 98
36) 1,1-Dichloropropene	8.11	75	71066	19.829	ug/l 99
37) Ethyl Acetate	7.30	43	19975	20.728	ug/l 96
38) Carbon Tetrachloride	8.10	117	102611	19.752	ug/l 98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	82620	19.480	ug/l	98
40) Benzene	8.36	78	193673	19.676	ug/l	94
41) Methacrylonitrile	7.57	41	27220	55.314	ug/l #	24
42) 1,2-Dichloroethane	8.43	62	66075	19.784	ug/l	100
43) Isopropyl Acetate	8.46	43	38653	20.085	ug/l	100
44) Trichloroethene	9.11	130	64594	19.800	ug/l	95
45) 1,2-Dichloropropane	9.39	63	40461	20.033	ug/l #	76
46) Dibromomethane	9.48	93	26743	19.449	ug/l	96
47) Bromodichloromethane	9.66	83	76456	19.968	ug/l	92
48) Methyl methacrylate	9.46	41	18972	19.719	ug/l	95
49) 1,4-Dioxane	9.46	88	6355	426.464	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	90542	99.982	ug/l	99
52) Toluene	10.41	92	133185	19.946	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	64396	19.250	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	75682	19.991	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	36652	19.866	ug/l	98
56) Ethyl methacrylate	10.66	69	38480	20.145	ug/l	97
57) 1,3-Dichloropropane	10.95	76	58109	19.976	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	79026	88.544	ug/l	98
59) 2-Hexanone	10.98	43	64643	101.104	ug/l	96
60) Dibromochloromethane	11.14	129	56597	20.131	ug/l	99
61) 1,2-Dibromoethane	11.25	107	36513	20.085	ug/l	100
64) Tetrachloroethene	10.88	164	58939	19.511	ug/l	96
65) Chlorobenzene	11.67	112	149457	19.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	61094	19.744	ug/l	99
67) Ethyl Benzene	11.75	91	258981	19.611	ug/l	97
68) m/p-Xylenes	11.86	106	205736	40.034	ug/l	100
69) o-Xylene	12.18	106	92775	19.828	ug/l	98
70) Styrene	12.20	104	159162	19.970	ug/l	99
71) Bromoform	12.37	173	32360	19.264	ug/l #	98
73) Isopropylbenzene	12.48	105	263476	20.422	ug/l	100
74) N-amyl acetate	12.29	43	34788	20.448	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	34769	20.081	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	50826	37.192	ug/l #	100
77) Bromobenzene	12.76	156	64327	19.919	ug/l	98
78) n-propylbenzene	12.83	91	296825	20.680	ug/l	99
79) 2-Chlorotoluene	12.91	91	164622	19.372	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	228602	20.373	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	11032	18.881	ug/l	93
82) 4-Chlorotoluene	13.01	91	186615	20.609	ug/l	98
83) tert-Butylbenzene	13.23	119	186804	19.373	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	228477	20.383	ug/l	97
85) sec-Butylbenzene	13.40	105	254866	20.120	ug/l	99
86) p-Isopropyltoluene	13.52	119	243408	19.839	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	125875	20.139	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	124088	20.042	ug/l	97
89) n-Butylbenzene	13.84	91	207116	19.699	ug/l	98
90) Hexachloroethane	14.11	117	45493	19.478	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	107505	19.967	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	6966	18.661	ug/l	89

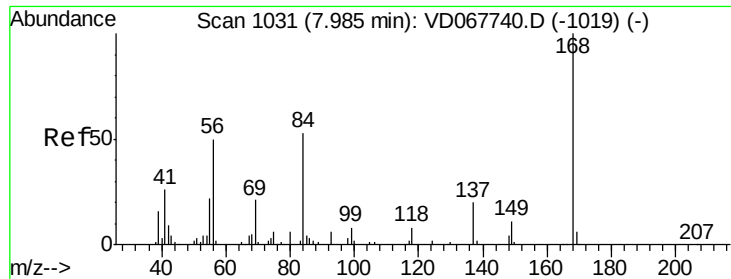
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112320\
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MSVOA_D
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Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	75456	19.793	ug/l	100
94) Hexachlorobutadiene	15.27	225	47019	19.303	ug/l	98
95) Naphthalene	15.40	128	119074	19.299	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	63480	19.548	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

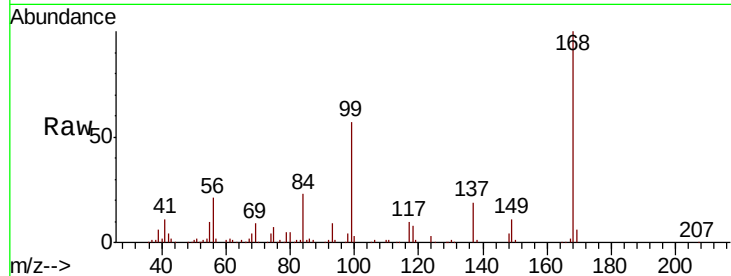
VD1123SBSD01

Tot Ion:168 Resp: 286965

Ion Ratio Lower Upper

168 100

99 56.7 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

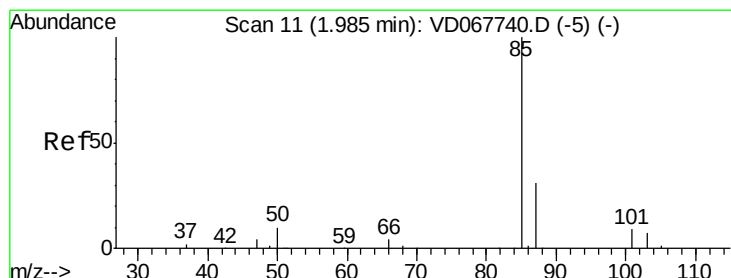
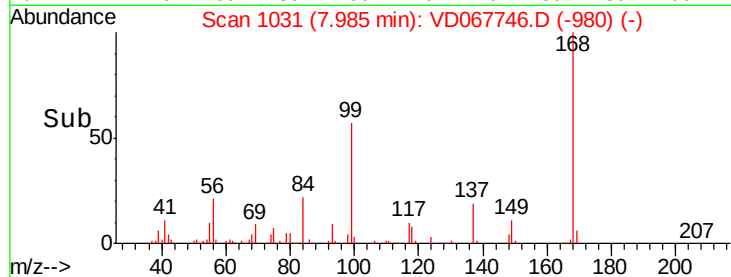
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.114 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067746.D

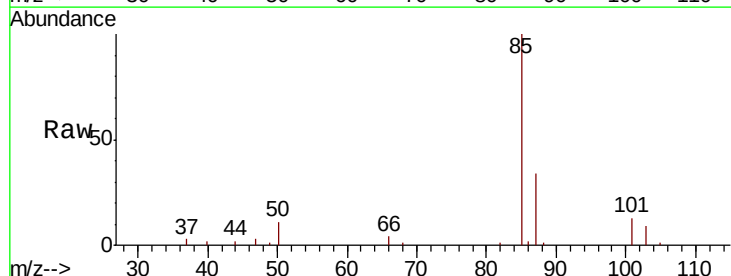
Acq: 23 Nov 2020 15:26

Tgt Ion: 85 Resp: 45235

Ion Ratio Lower Upper

85 100

87 33.8 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

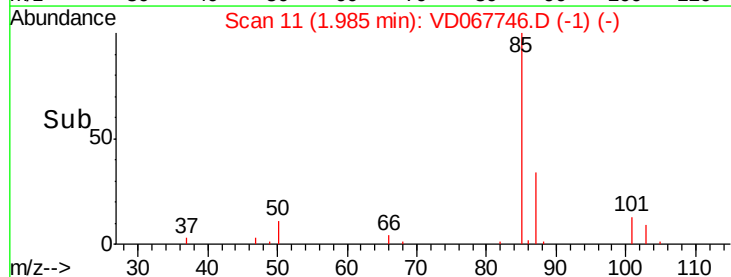
20000

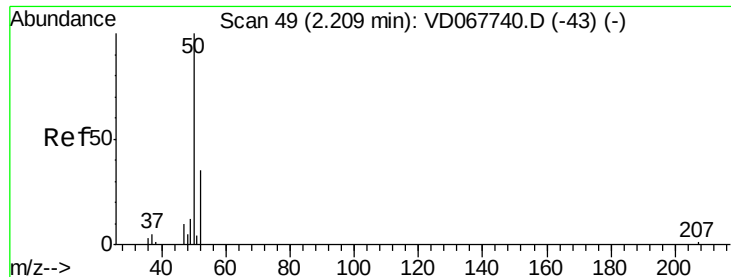
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.171 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

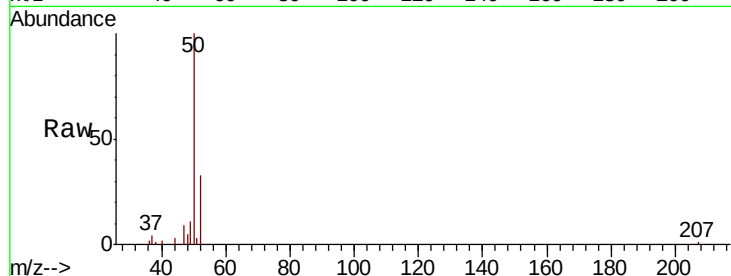
VD1123SBS01

Tot Ion: 50 Resp: 29434

Ion Ratio Lower Upper

50 100

52 33.1 27.8 41.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

25000

20000

15000

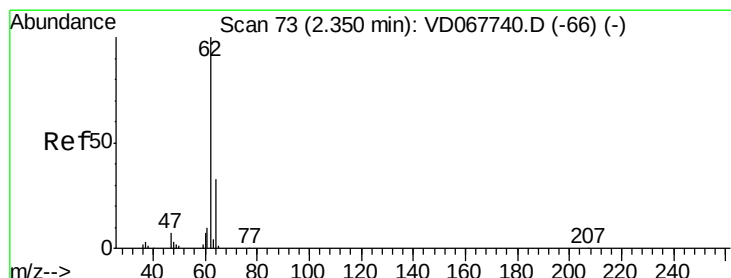
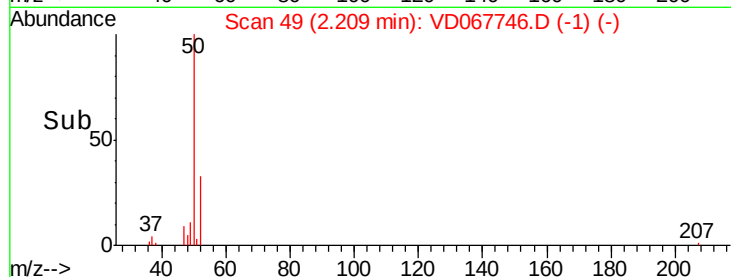
10000

5000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 20.043 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD067746.D

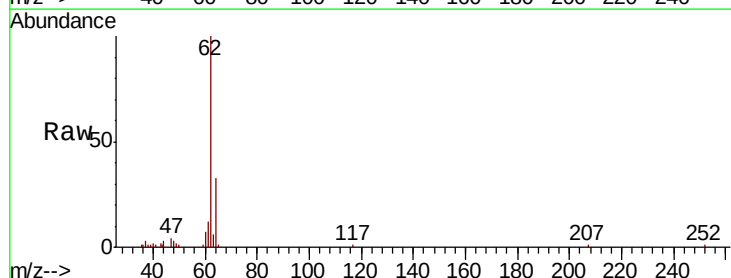
Acq: 23 Nov 2020 15:26

Tgt Ion: 62 Resp: 34918

Ion Ratio Lower Upper

62 100

64 33.4 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.34

25000

20000

15000

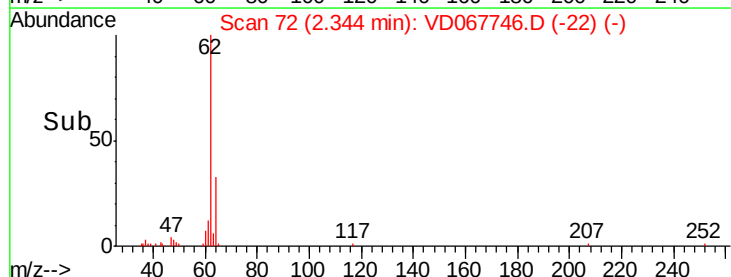
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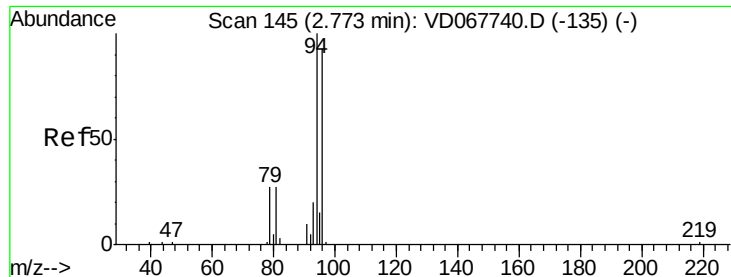
5000

0

Time-->

2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 19.965 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

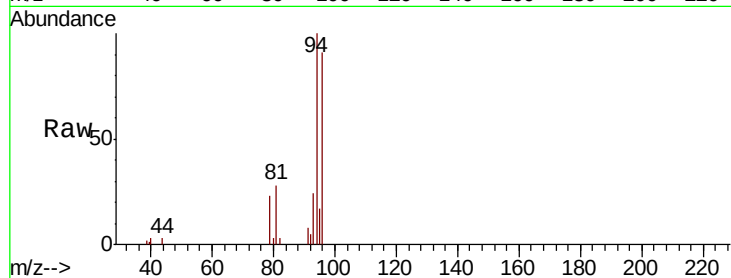
VD1123SBSD01

Tot Ion: 94 Resp: 29633

Ion Ratio Lower Upper

94 100

96 91.4 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

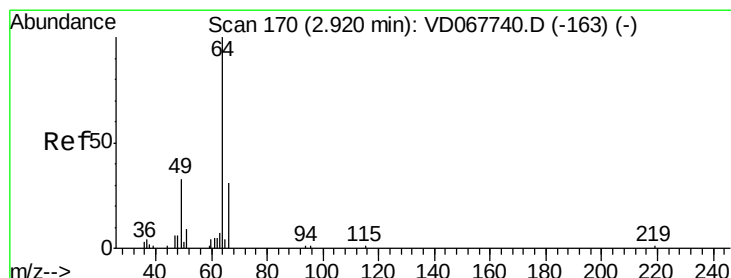
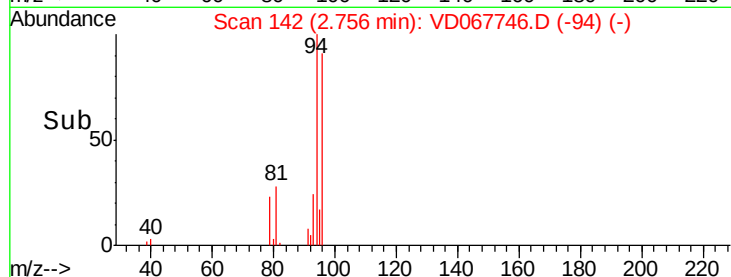
15000

10000

5000

0

Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 19.962 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067746.D

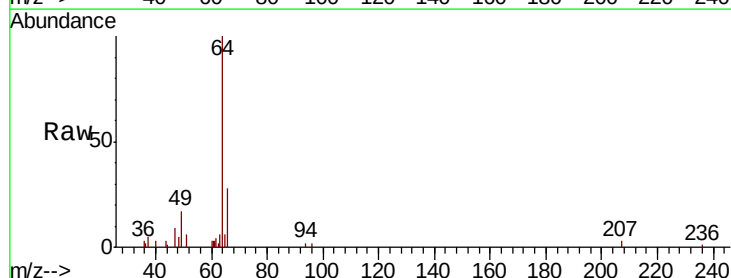
Acq: 23 Nov 2020 15:26

Tgt Ion: 64 Resp: 23178

Ion Ratio Lower Upper

64 100

66 28.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

12000

10000

8000

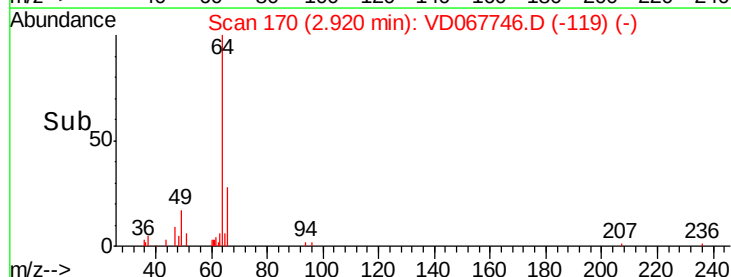
6000

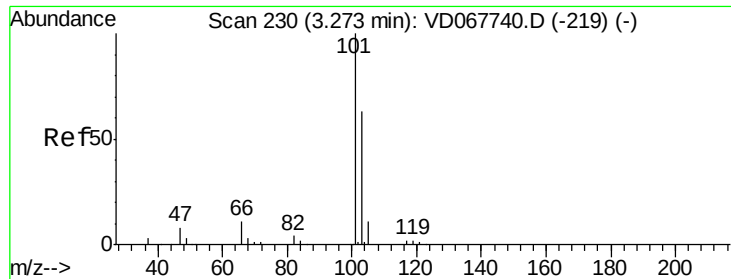
4000

2000

0

Time--> 2.85 2.90 2.95 3.00



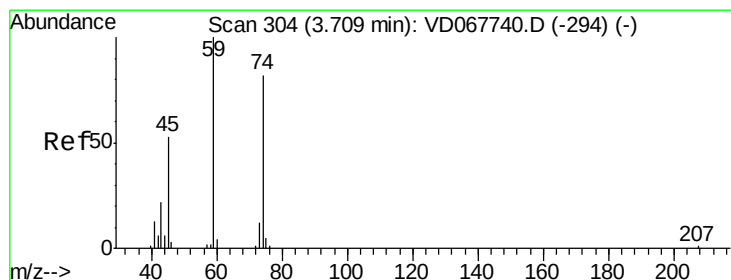
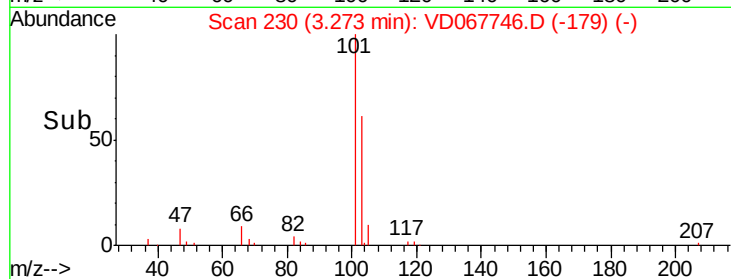
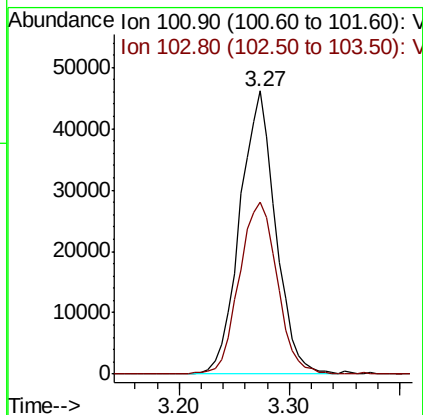
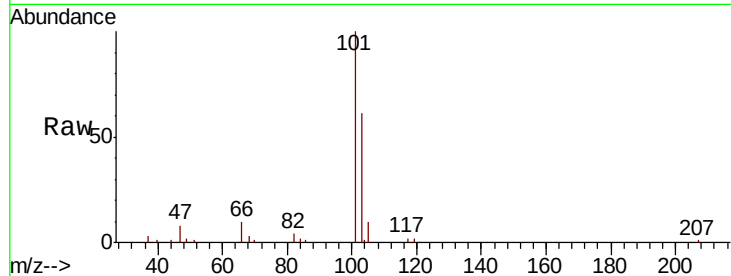


#7

Trichlorofluoromethane
 Concen: 19.711 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067746.D
 Acq: 23 Nov 2020 15:26

Instrument :
 MSVOA_D
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 VD1123SBS01

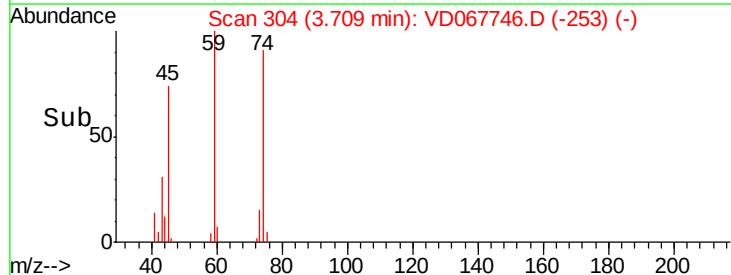
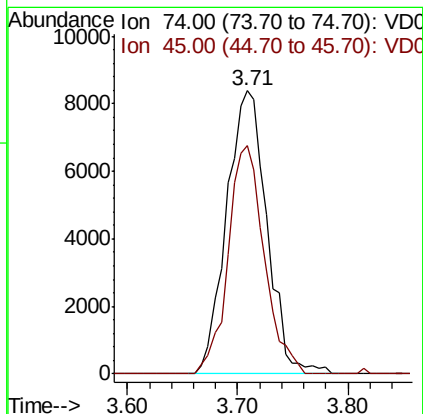
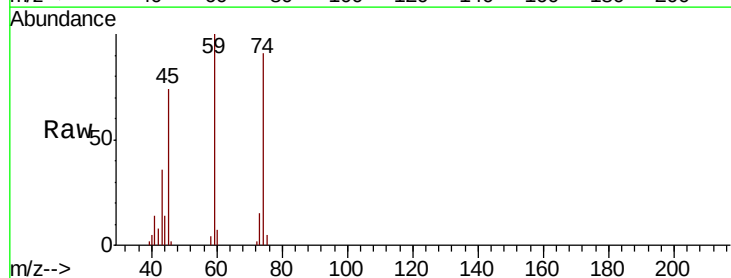
Tot Ion:101 Resp: 104785
 Ion Ratio Lower Upper
 101 100
 103 60.9 50.3 75.5

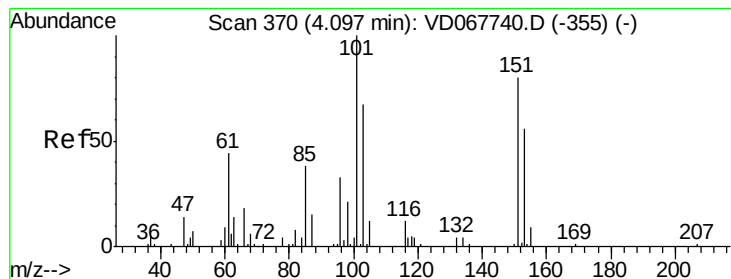


#8

Diethyl Ether
 Concen: 19.980 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067746.D
 Acq: 23 Nov 2020 15:26

Tgt Ion: 74 Resp: 21445
 Ion Ratio Lower Upper
 74 100
 45 72.4 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.164 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBSD01

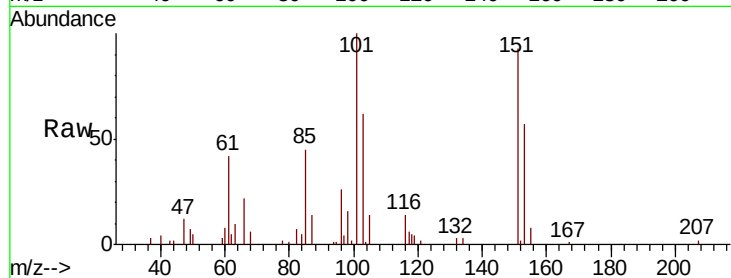
Tot Ion:101 Resp: 51331

Ion Ratio Lower Upper

101 100

85 43.9 35.5 53.3

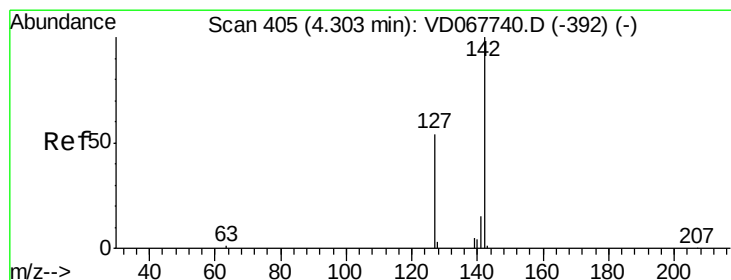
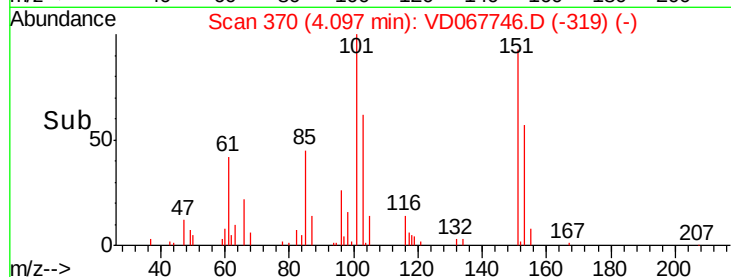
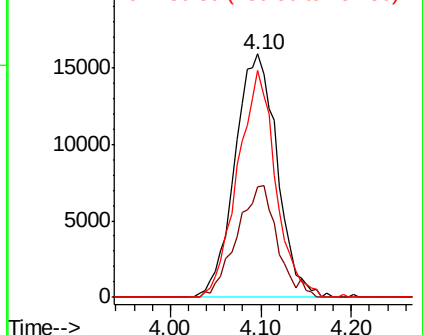
151 84.1 69.4 104.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.774 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

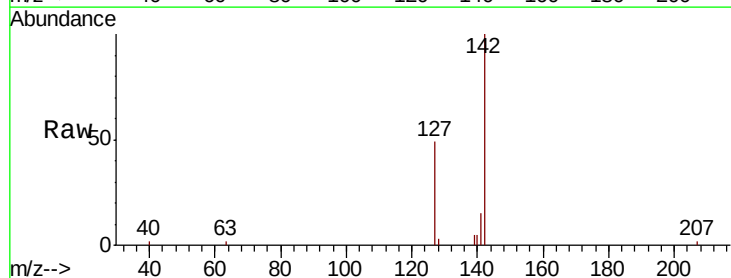
Tgt Ion:142 Resp: 48918

Ion Ratio Lower Upper

142 100

127 52.4 42.2 63.2

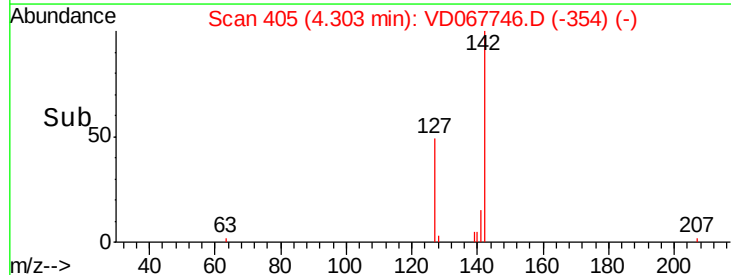
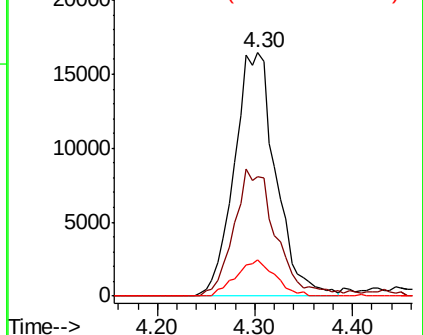
141 13.8 11.8 17.6

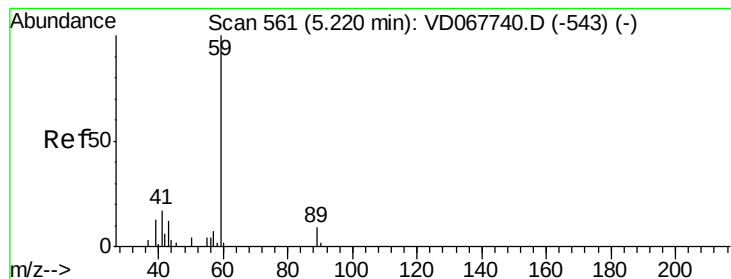


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 88.874 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

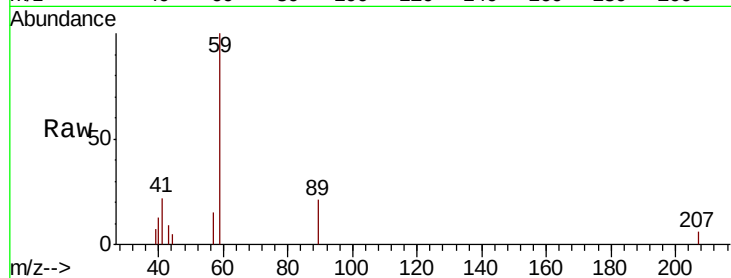
VD1123SBSD01

Tot Ion: 59 Resp: 16985

Ion Ratio Lower Upper

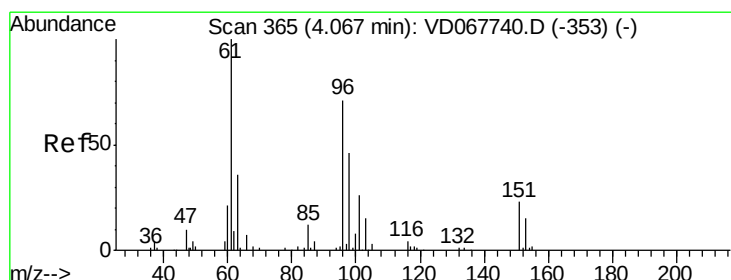
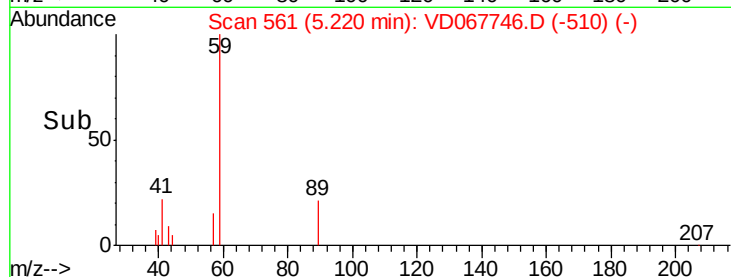
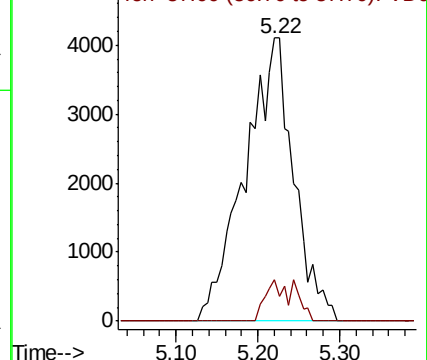
59 100

57 5.8 3.4 5.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 19.689 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

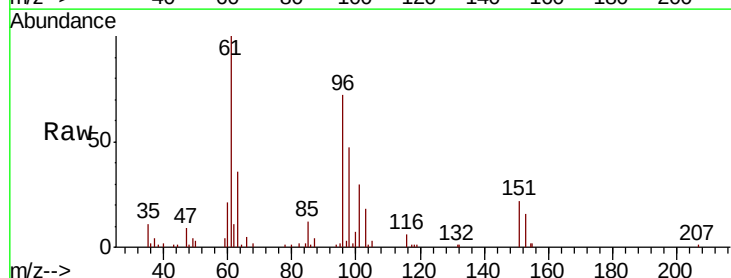
Tgt Ion: 96 Resp: 46378

Ion Ratio Lower Upper

96 100

61 139.3 112.9 169.3

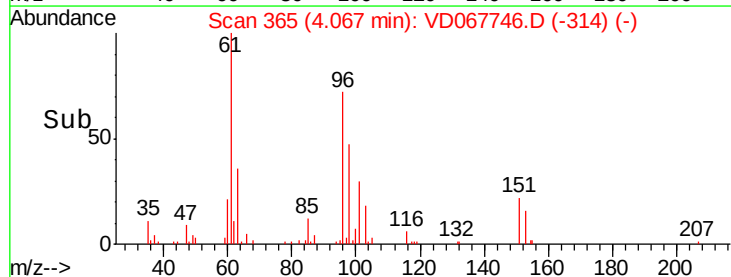
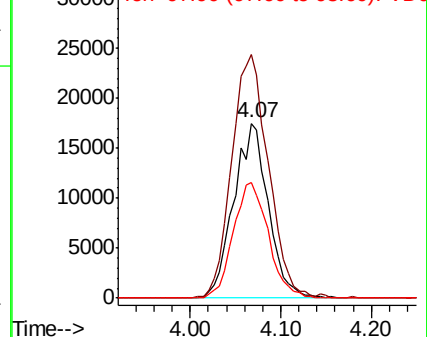
98 65.9 52.4 78.6

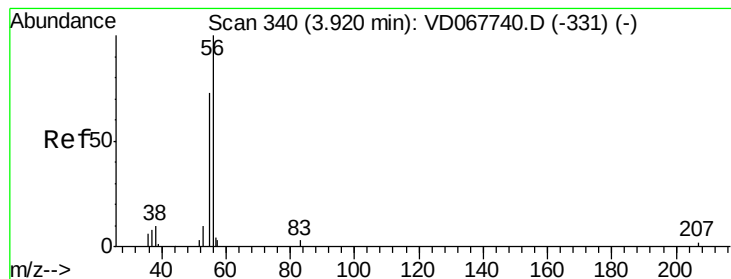


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 97.664 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

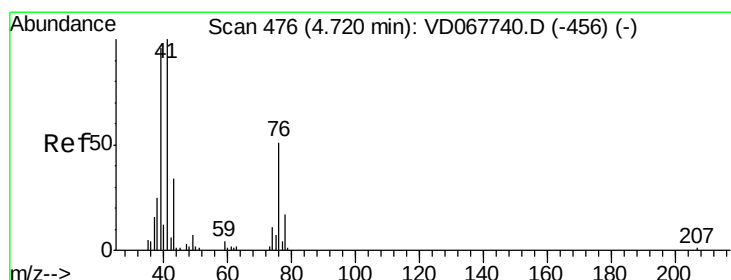
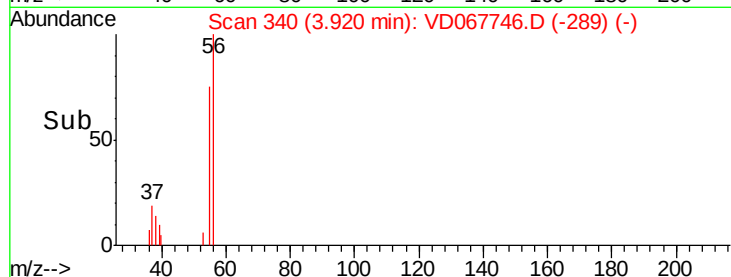
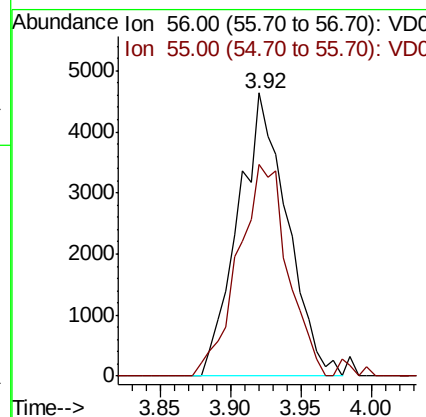
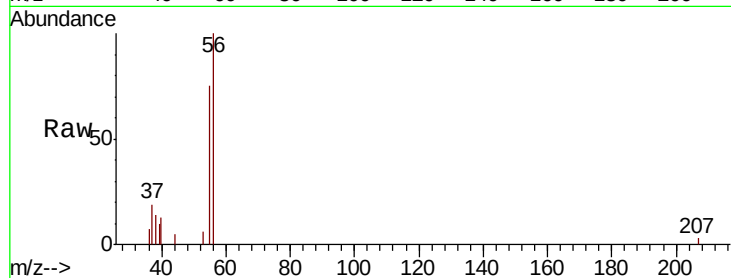
VD1123SBSD01

Tot Ion: 56 Resp: 11295

Ion Ratio Lower Upper

56 100

55 75.6 61.2 91.8



#14

Allyl chloride

Concen: 20.537 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

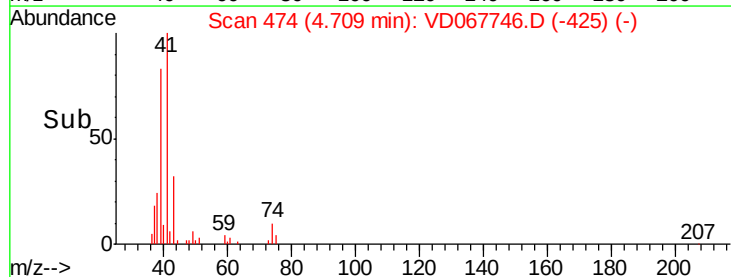
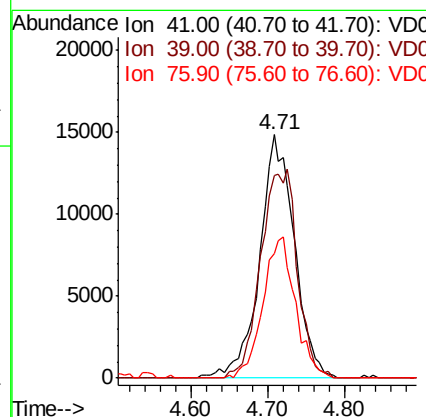
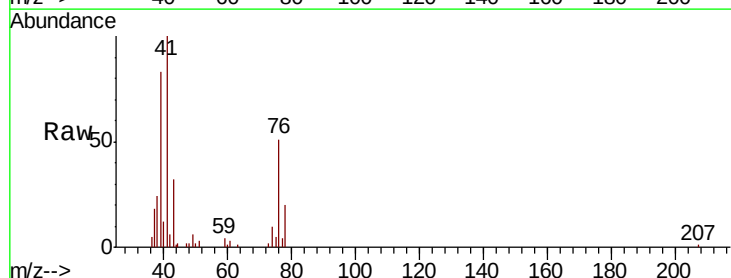
Tgt Ion: 41 Resp: 46763

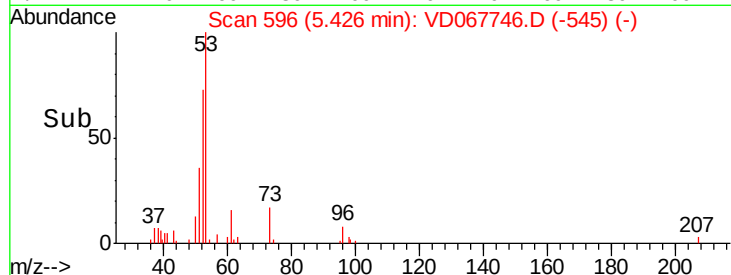
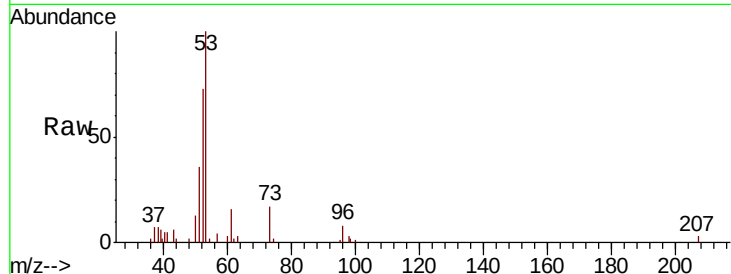
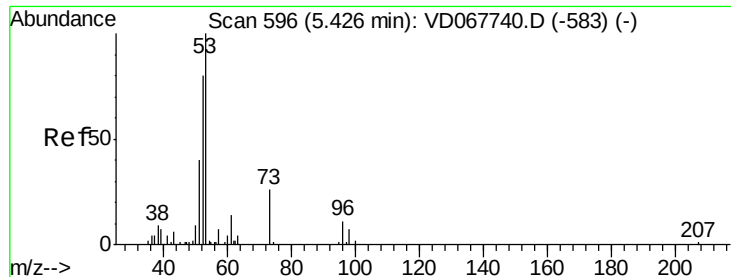
Ion Ratio Lower Upper

41 100

39 89.9 74.6 111.8

76 54.1 43.3 64.9

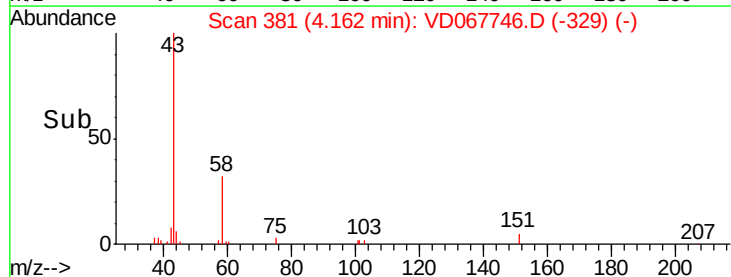
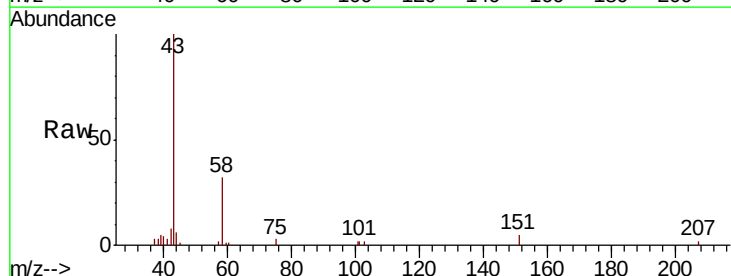
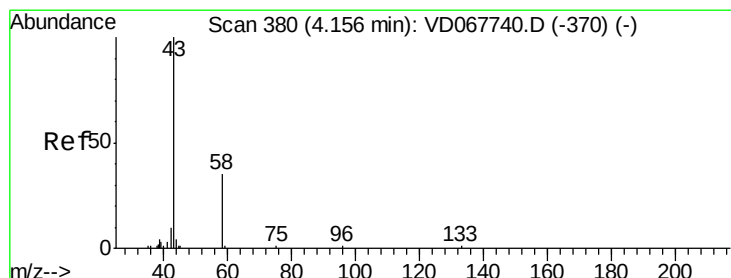
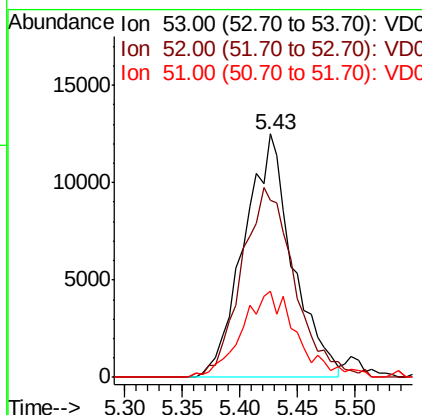




#15
 Acrylonitrile
 Concen: 98.253 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VD067746.D
 Acq: 23 Nov 2020 15:26

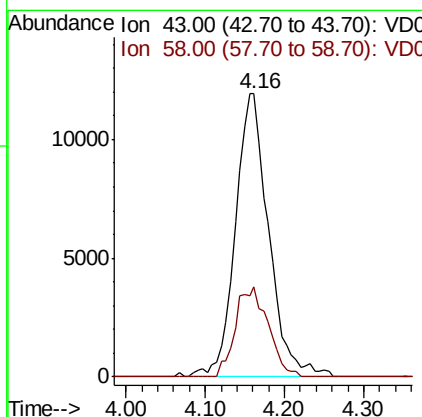
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1123SBSD01

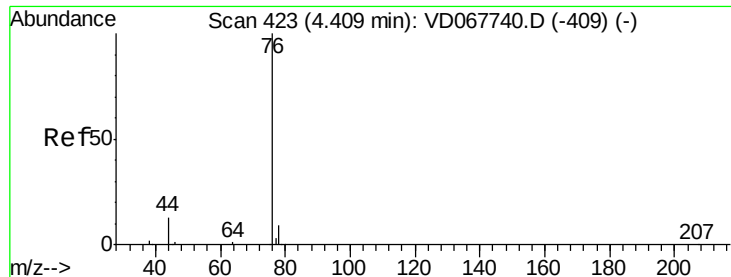
Tot Ion	53	Resp	36730
Ion Ratio	Lower	Upper	
53	100		
52	84.9	63.4	95.2
51	40.4	31.4	47.2



#16
 Acetone
 Concen: 96.463 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD067746.D
 Acq: 23 Nov 2020 15:26

Tgt Ion	43	Resp	34771
Ion Ratio	Lower	Upper	
43	100		
58	31.7	27.6	41.4





#17

Carbon Disulfide

Concen: 20.101 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

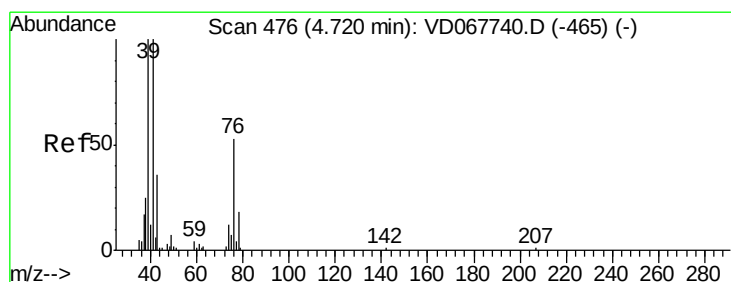
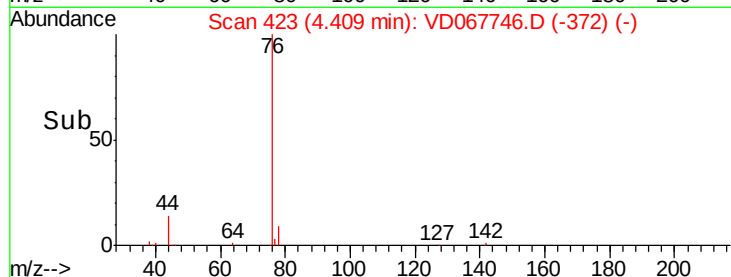
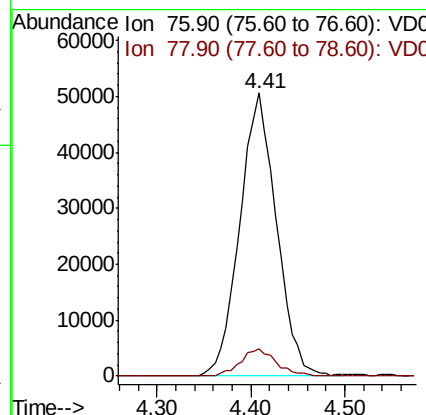
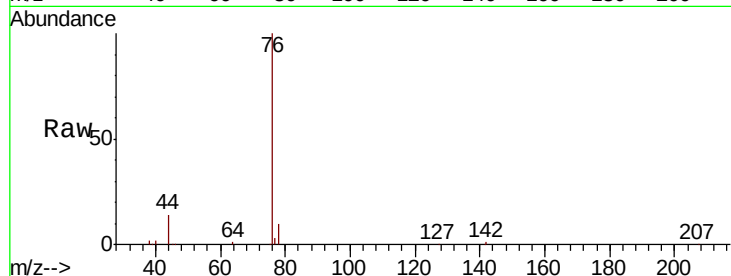
VD1123SBSD01

Tot Ion: 76 Resp: 136952

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3



#18

Methyl Acetate

Concen: 21.262 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067746.D

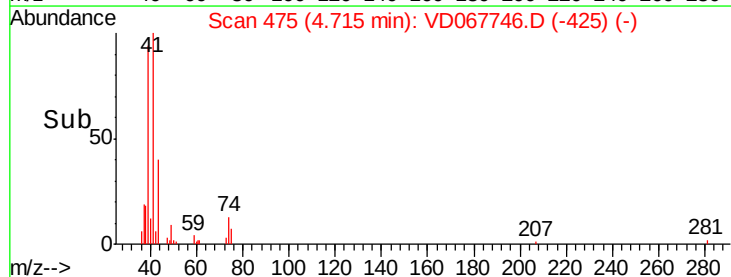
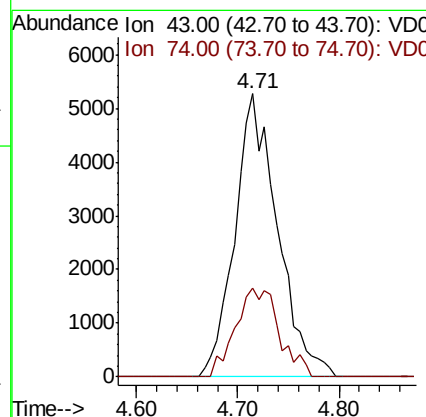
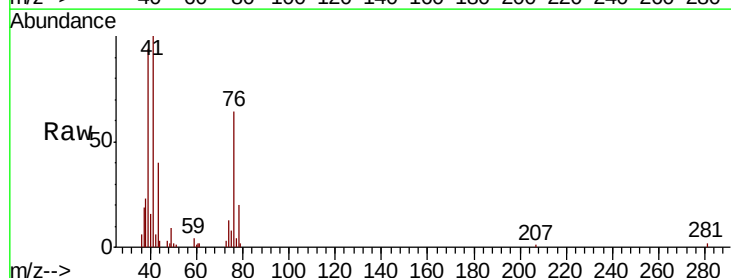
Acq: 23 Nov 2020 15:26

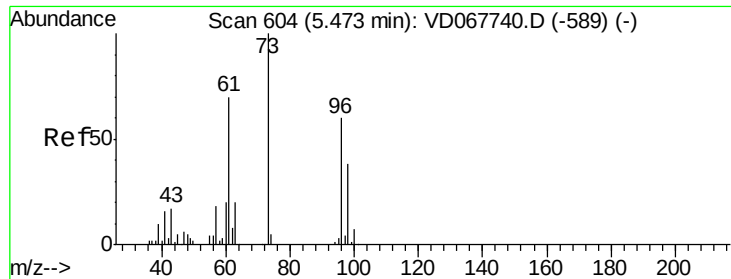
Tgt Ion: 43 Resp: 15419

Ion Ratio Lower Upper

43 100

74 32.0 29.7 44.5

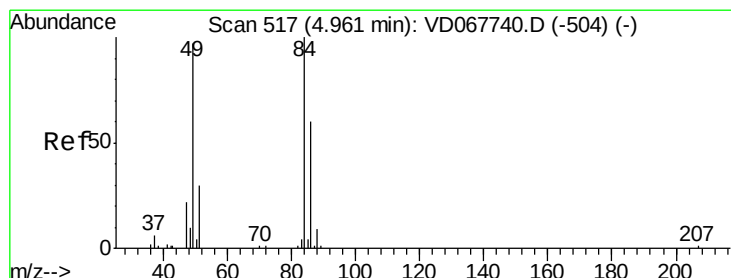
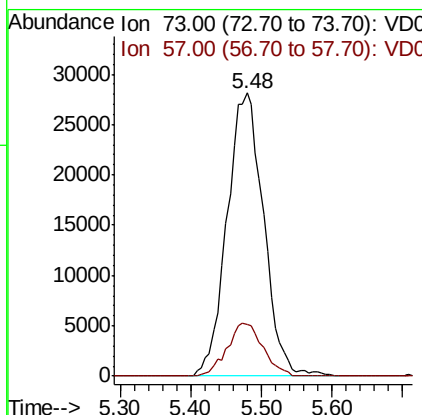
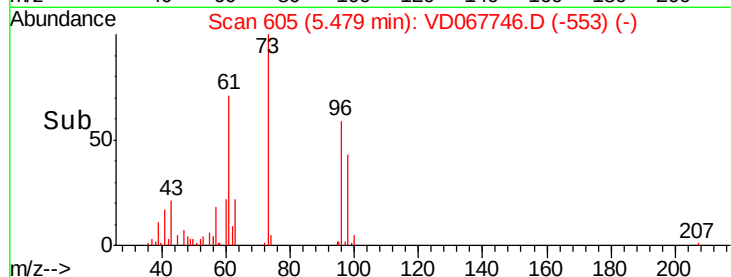
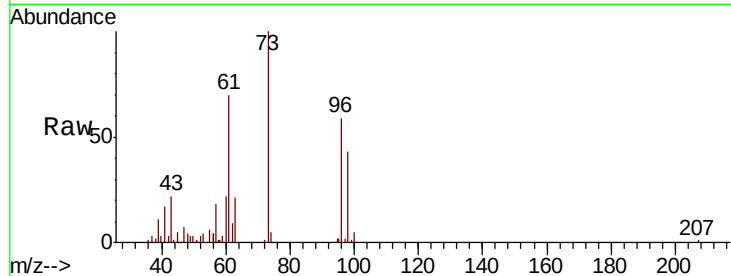




#19
Methyl tert-butyl Ether
Concen: 20.129 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

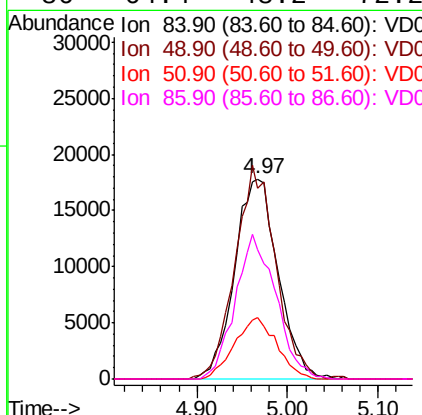
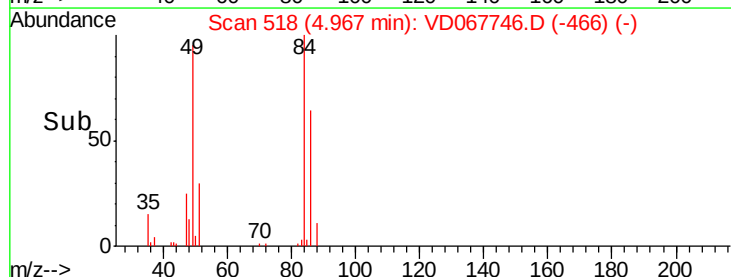
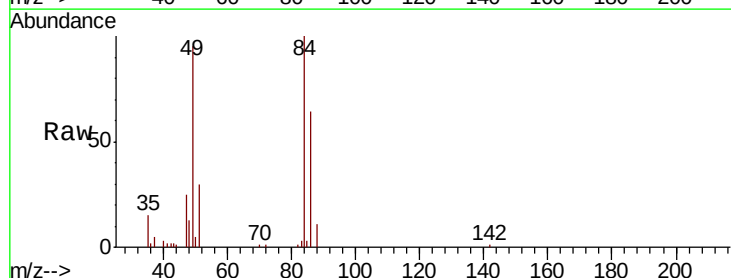
Instrument :
MSVOA_D
ClientSampleId :
VD1123SBS01

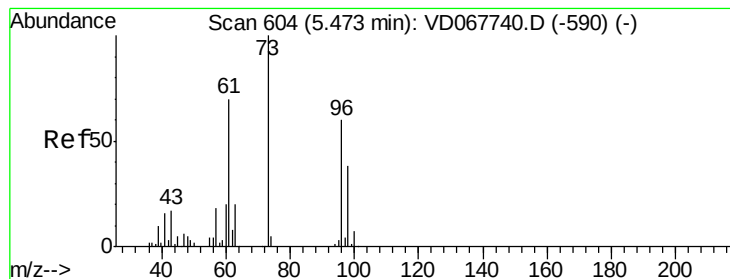
Tot Ion: 73 Resp: 101334
Ion Ratio Lower Upper
73 100
57 18.2 14.8 22.2



#20
Methylene Chloride
Concen: 17.033 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Tgt Ion: 84 Resp: 59491
Ion Ratio Lower Upper
84 100
49 94.9 77.4 116.2
51 30.4 24.1 36.1
86 64.4 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 19.625 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBSD01

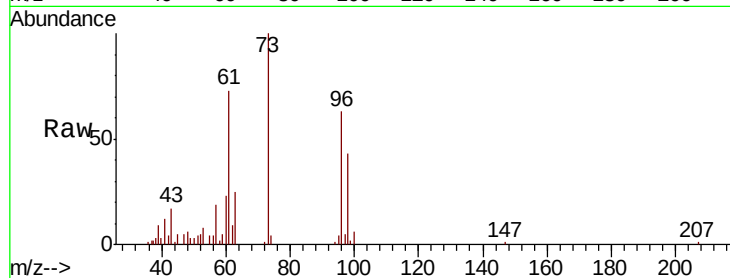
Tot Ion: 96 Resp: 52558

Ion Ratio Lower Upper

96 100

61 115.5 94.0 141.0

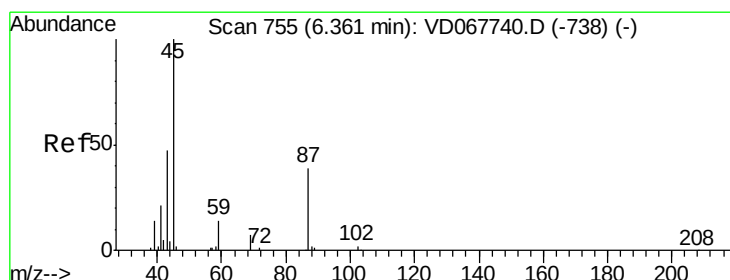
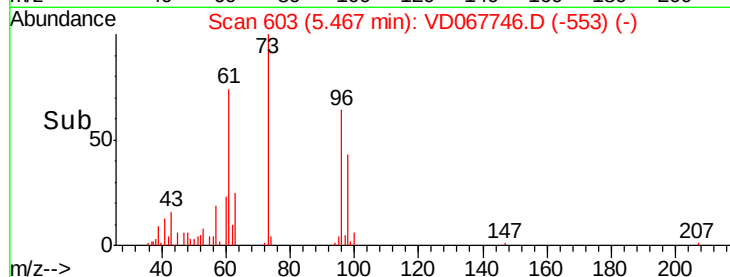
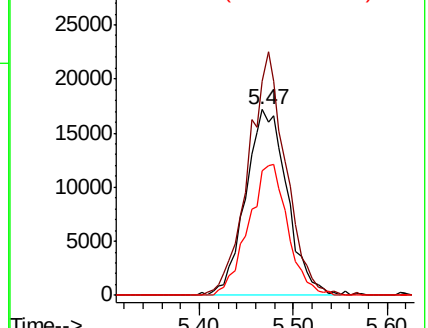
98 67.4 51.3 76.9



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



#22

Diisopropyl ether

Concen: 20.976 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.01 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Tgt Ion: 45 Resp: 94283

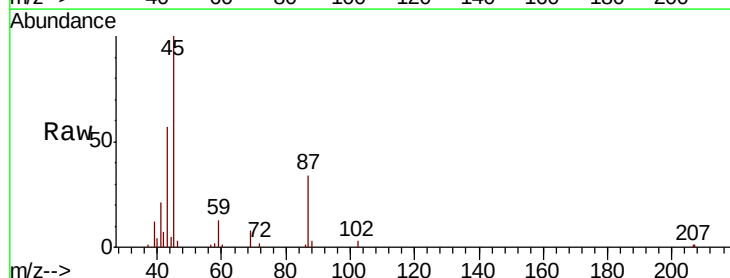
Ion Ratio Lower Upper

45 100

43 55.4 46.8 70.2

87 33.6 32.9 49.3

59 13.1 11.2 16.8

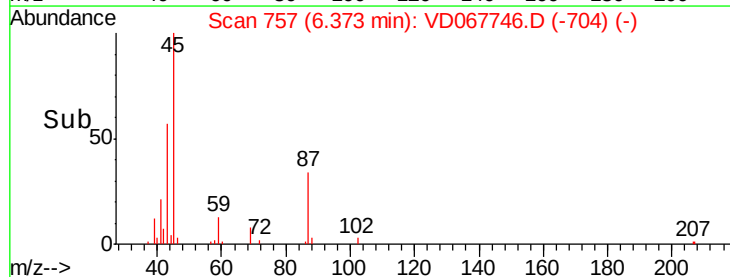
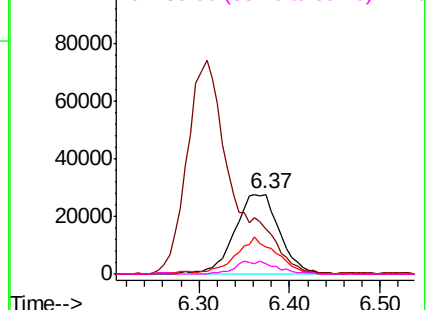


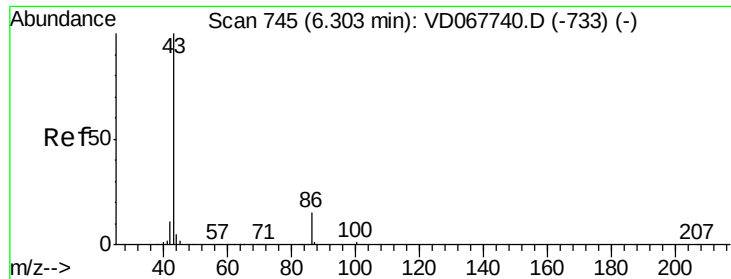
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 104.003 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

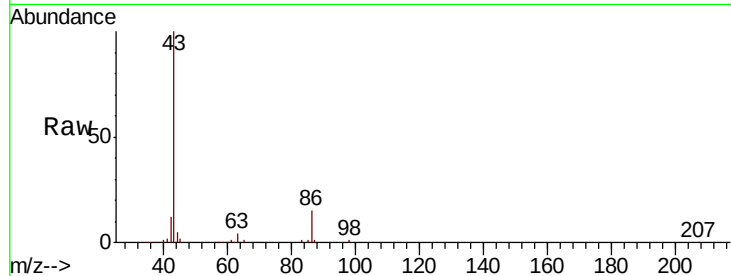
VD1123SBS01

Tot Ion: 43 Resp: 263693

Ion Ratio Lower Upper

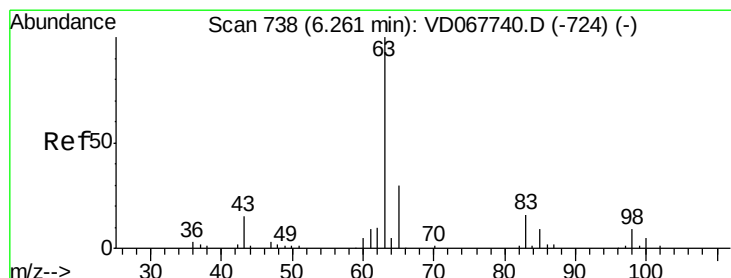
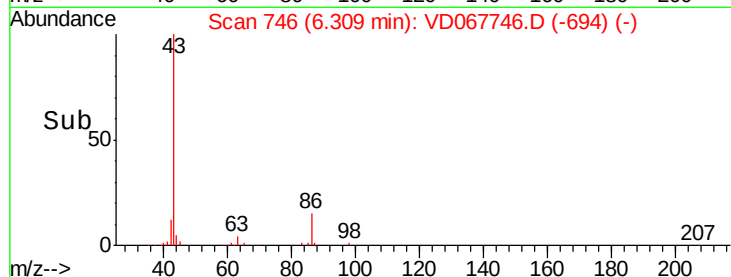
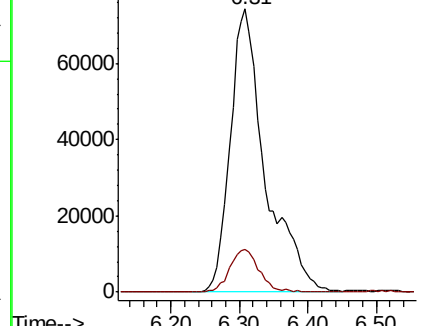
43 100

86 15.0 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.765 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

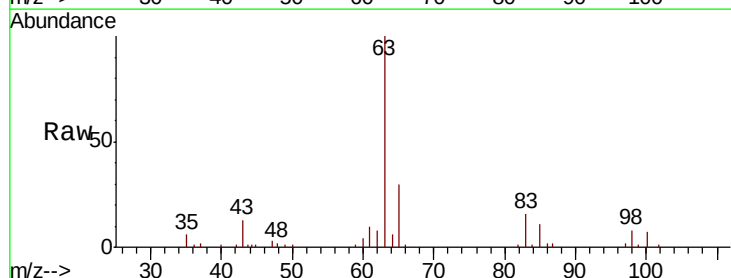
Tgt Ion: 63 Resp: 79131

Ion Ratio Lower Upper

63 100

98 7.9 4.4 13.2

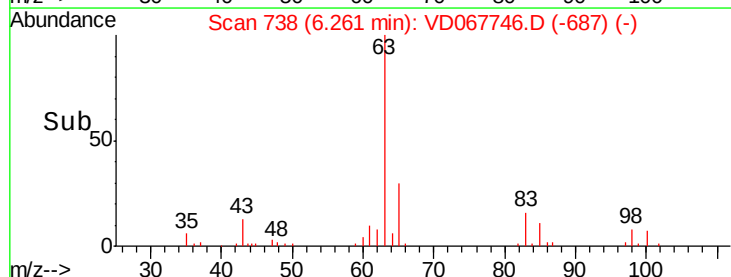
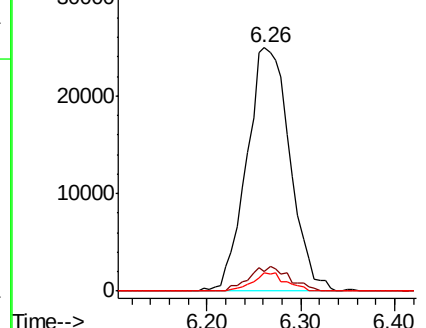
100 7.3 2.6 8.0

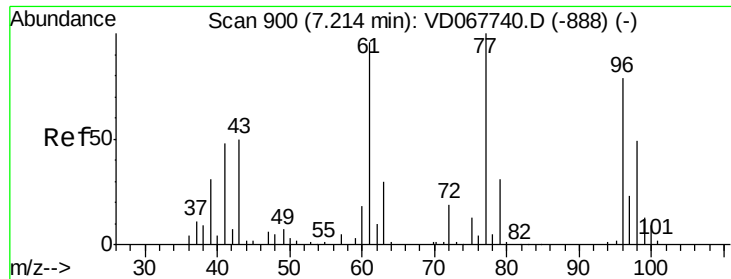


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 98.342 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

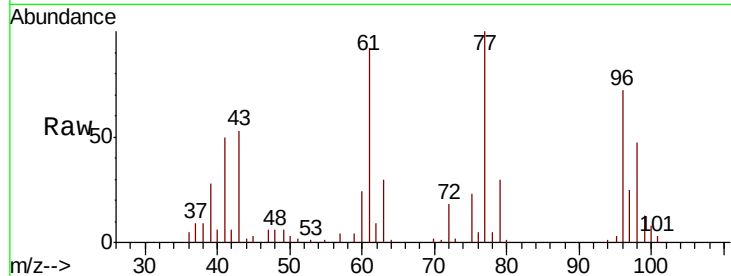
VD1123SBSD01

Tot Ion: 43 Resp: 39778

Ion Ratio Lower Upper

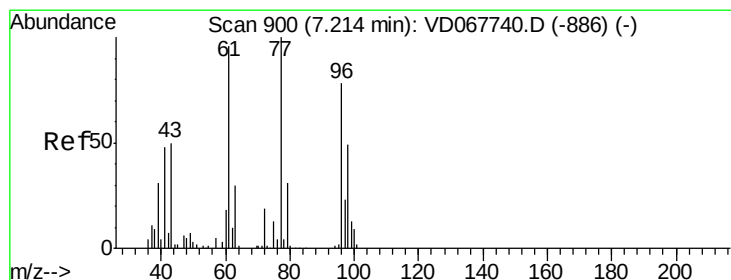
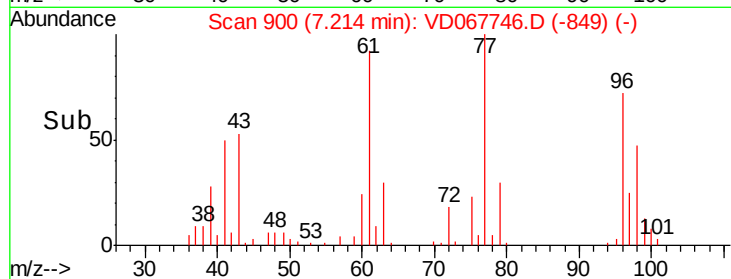
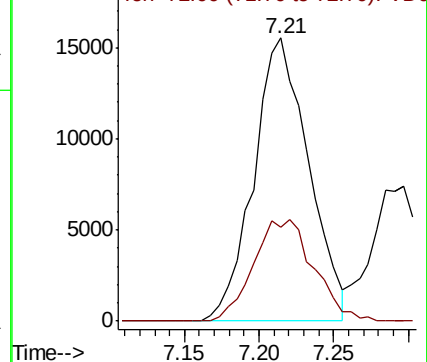
43 100

72 33.1 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.731 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067746.D

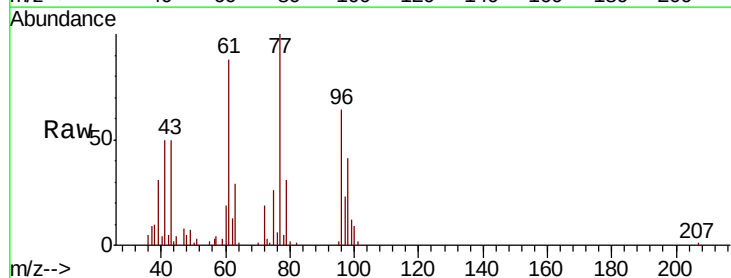
Acq: 23 Nov 2020 15:26

Tgt Ion: 77 Resp: 88702

Ion Ratio Lower Upper

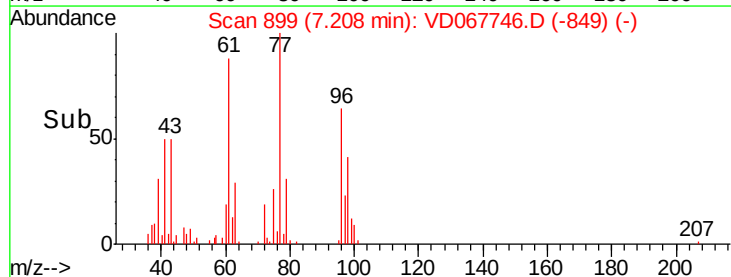
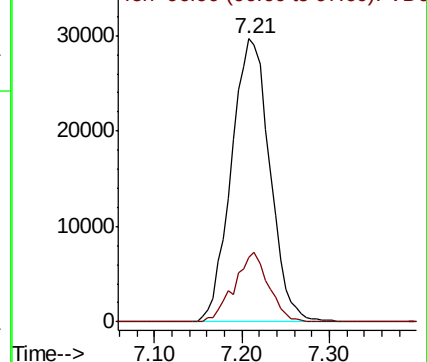
77 100

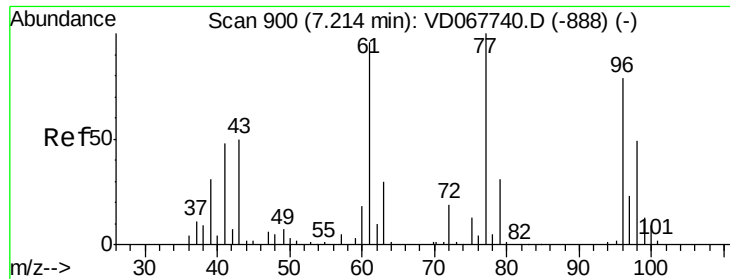
97 21.9 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



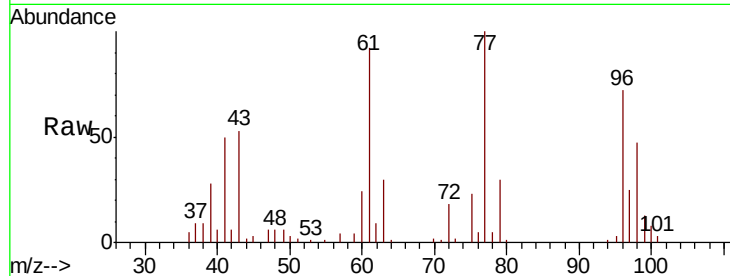


#27

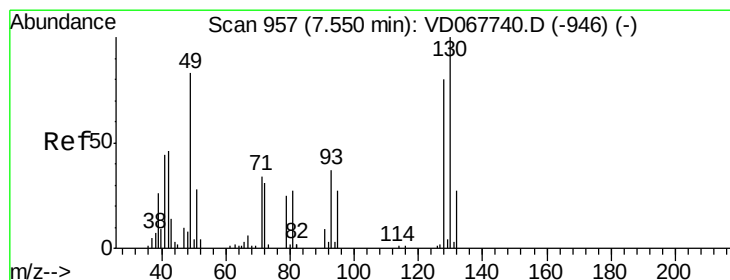
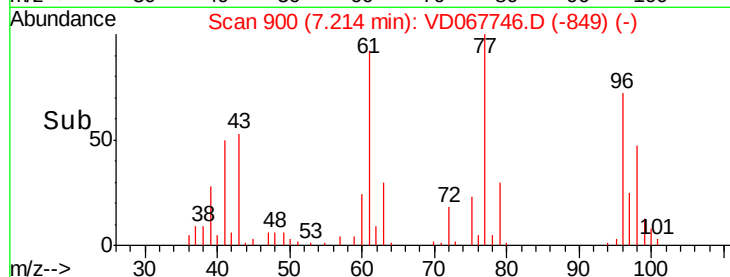
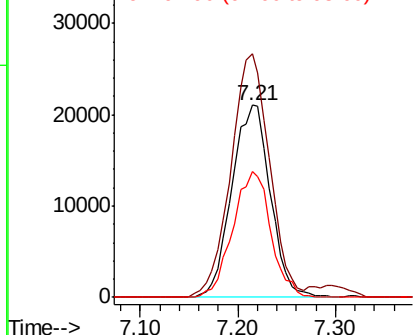
cis-1,2-Dichloroethene
Concen: 20.202 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD1123SBSD01

Tot Ion: 96 Resp: 57668
Ion Ratio Lower Upper
96 100
61 127.4 0.0 258.0
98 64.6 0.0 131.8



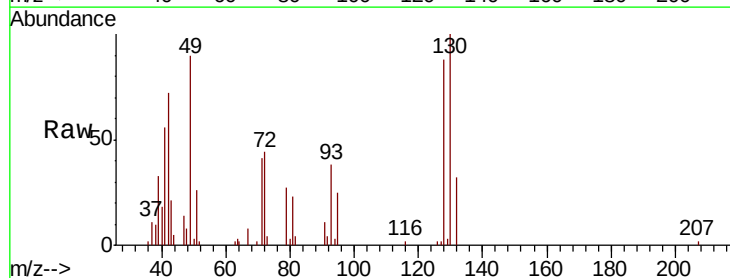
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



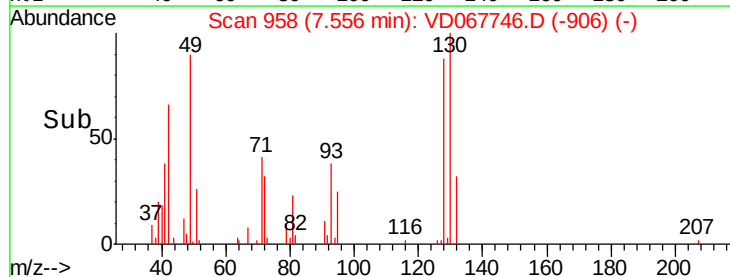
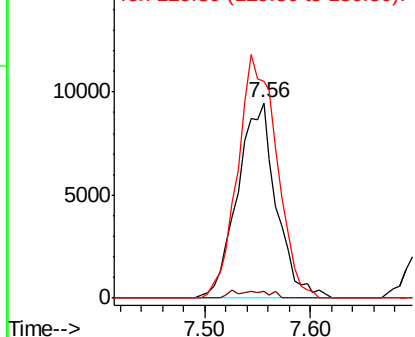
#28

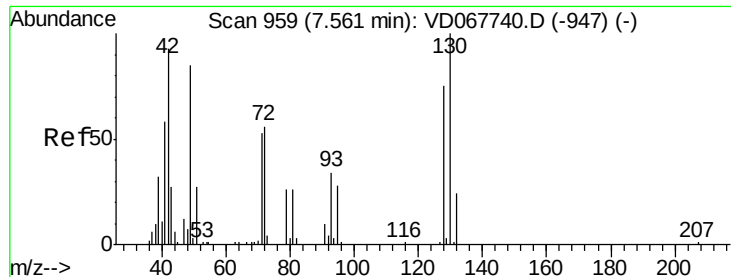
Bromochloromethane
Concen: 19.761 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.01 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Tgt Ion: 49 Resp: 24121
Ion Ratio Lower Upper
49 100
129 0.0 0.0 7.0
130 126.0 102.2 153.4



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

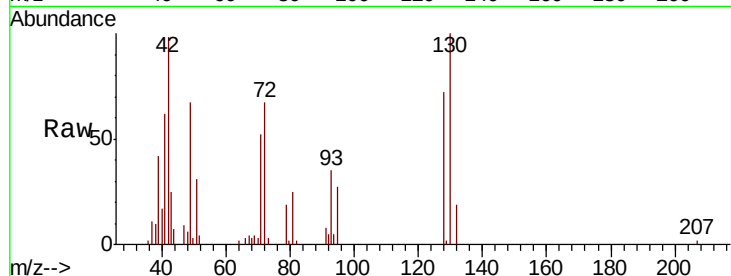




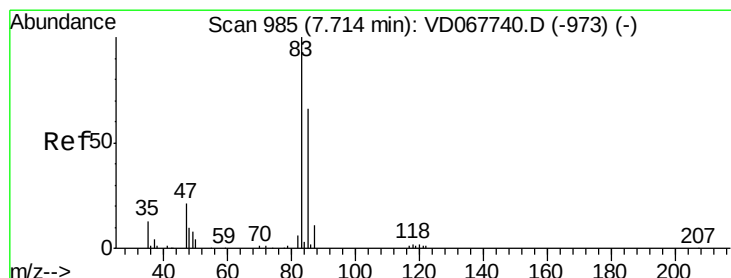
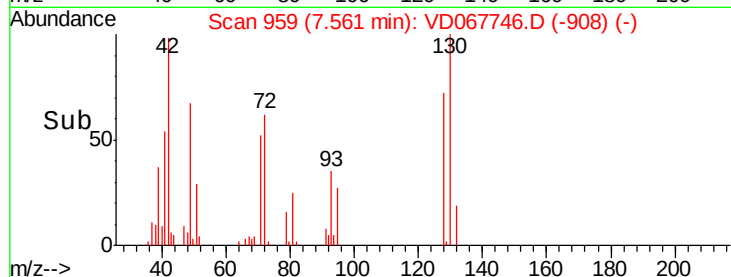
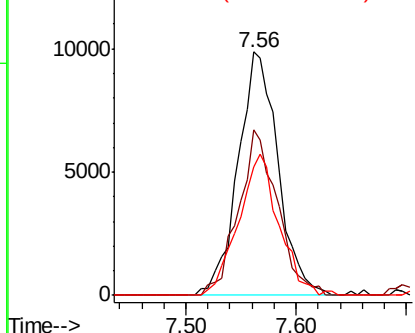
#29
Tetrahydrofuran
Concen: 108.946 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD1123SBSD01

Tot Ion: 42 Resp: 25055
Ion Ratio Lower Upper
42 100
72 66.3 49.3 73.9
71 58.9 45.9 68.9

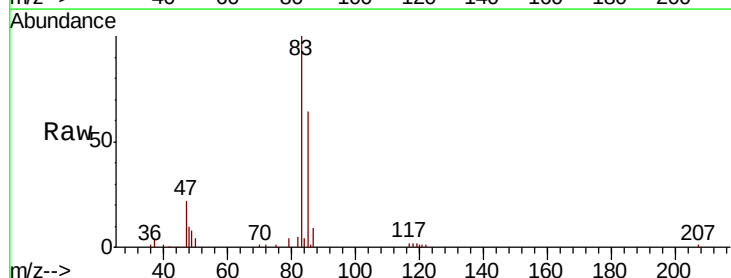


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

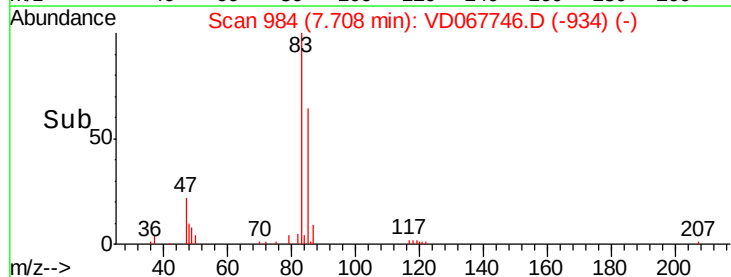
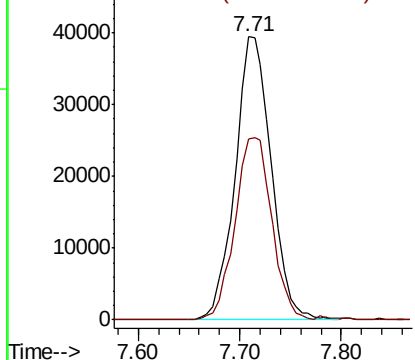


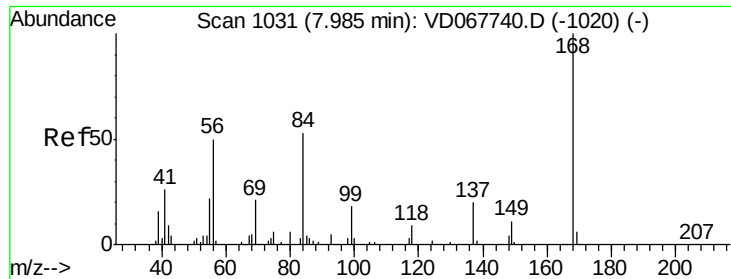
#30
Chloroform
Concen: 19.480 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Tgt Ion: 83 Resp: 97075
Ion Ratio Lower Upper
83 100
85 64.0 53.1 79.7



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

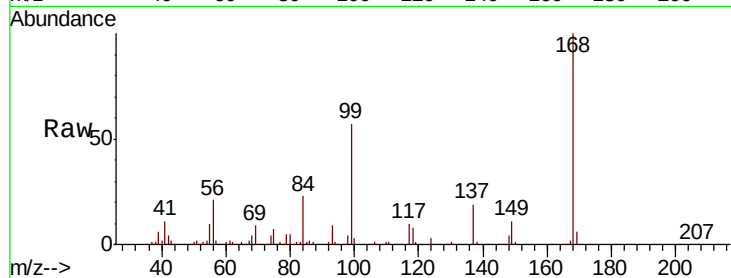




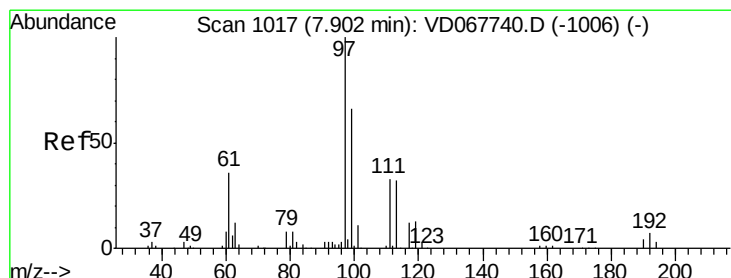
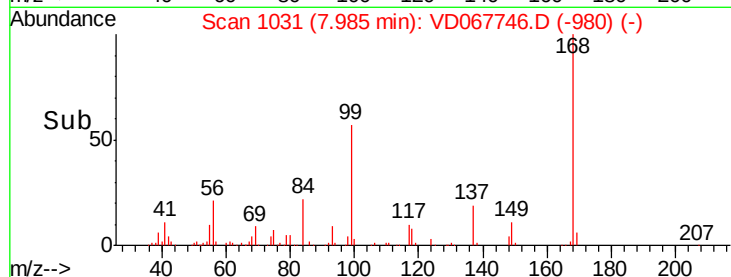
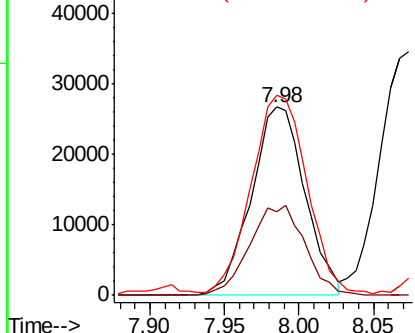
#31
Cyclohexane
Concen: 19.827 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD1123SBSD01

Tot Ion: 56 Resp: 66937
Ion Ratio Lower Upper
56 100
69 44.4 33.2 49.8
84 103.9 84.8 127.2

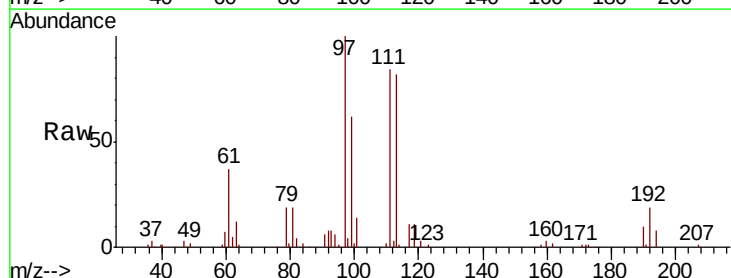


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

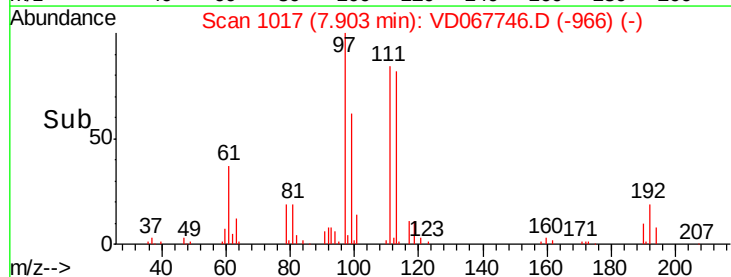
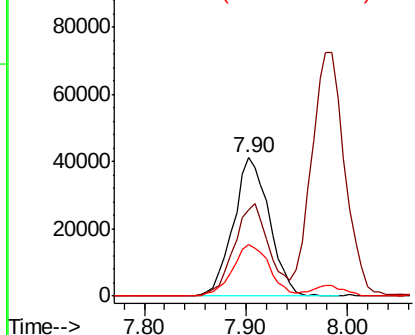


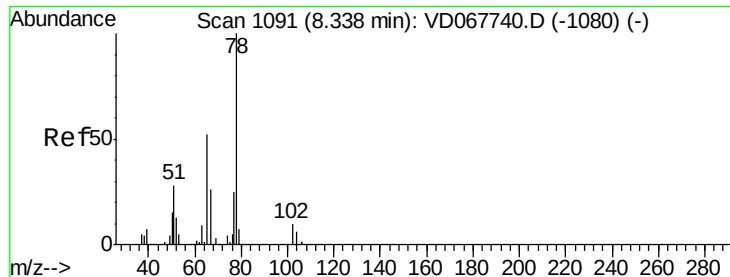
#32
1,1,1-Trichloroethane
Concen: 19.258 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Tgt Ion: 97 Resp: 101633
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 38.1 29.4 44.2



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





#33

1,2-Dichloroethane-d4

Concen: 50.282 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

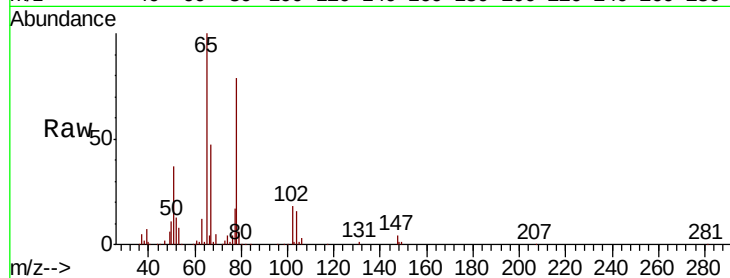
VD1123SBSD01

Tot Ion: 65 Resp: 140297

Ion Ratio Lower Upper

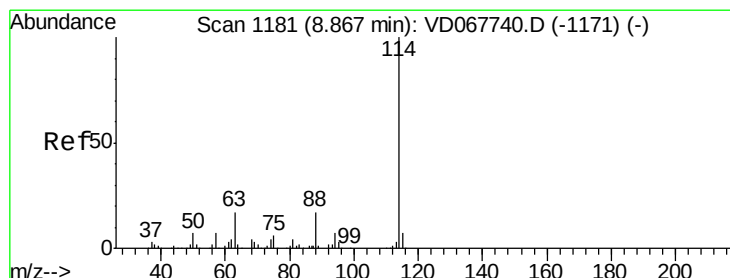
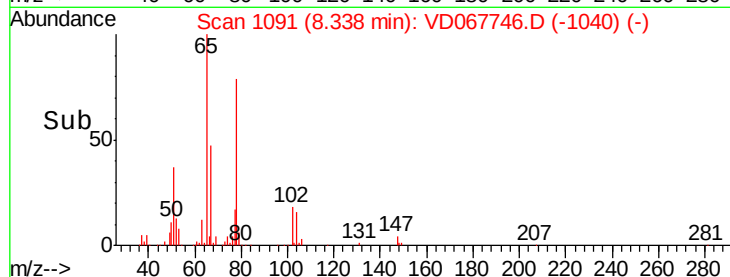
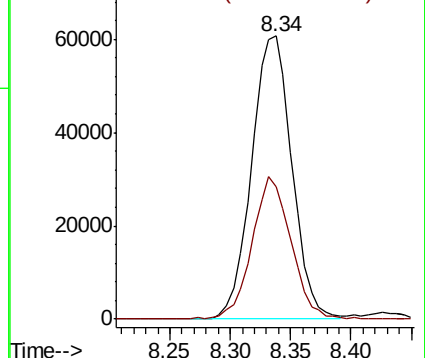
65 100

67 48.4 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

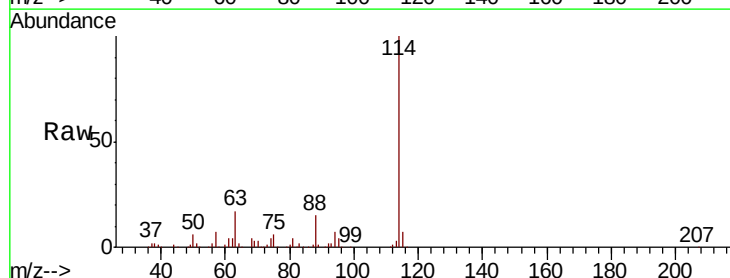
Tgt Ion: 114 Resp: 417651

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.8

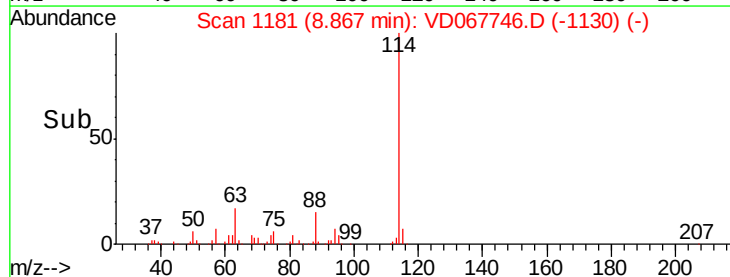
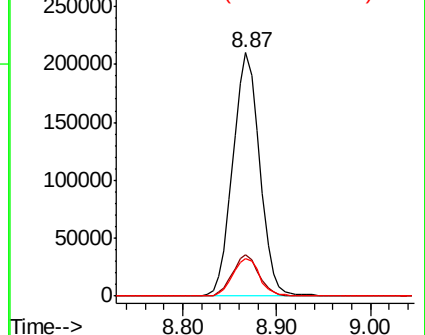
88 15.4 0.0 34.4

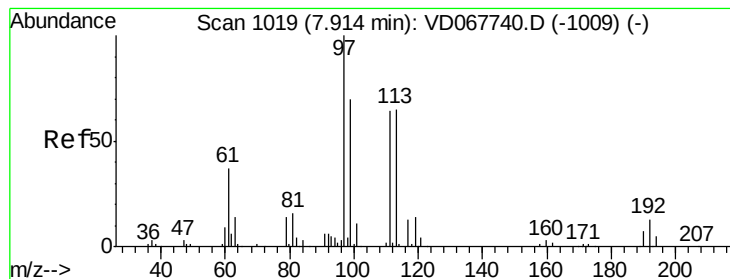


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.403 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBSD01

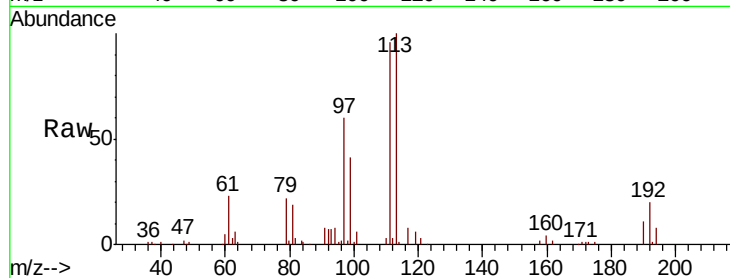
Tot Ion:113 Resp: 133968

Ion Ratio Lower Upper

113 100

111 100.5 81.4 122.0

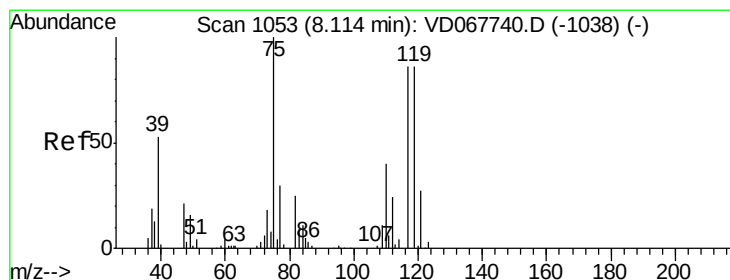
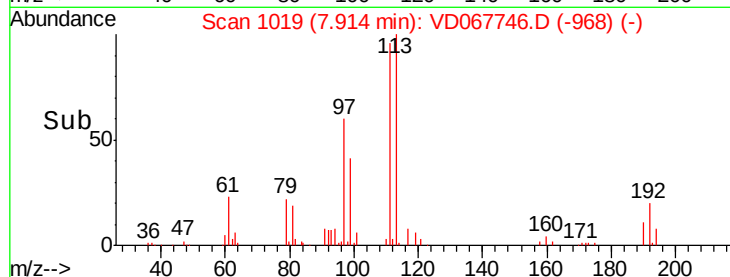
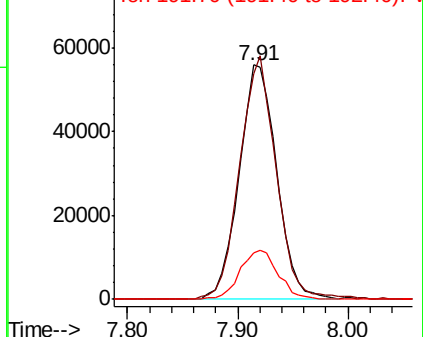
192 21.2 17.0 25.4



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: 19.829 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

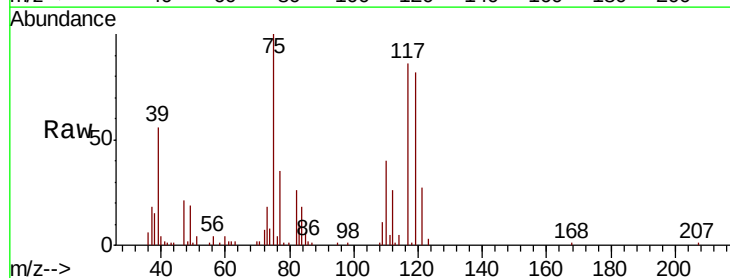
Tgt Ion: 75 Resp: 71066

Ion Ratio Lower Upper

75 100

110 40.0 20.1 60.2

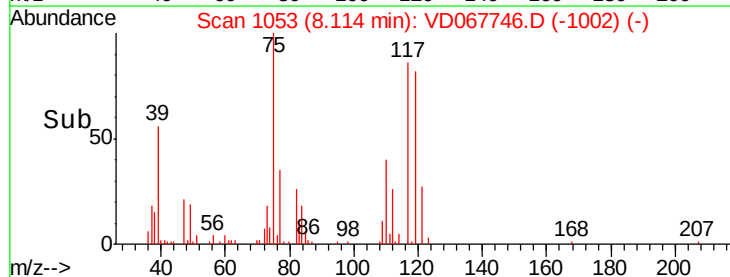
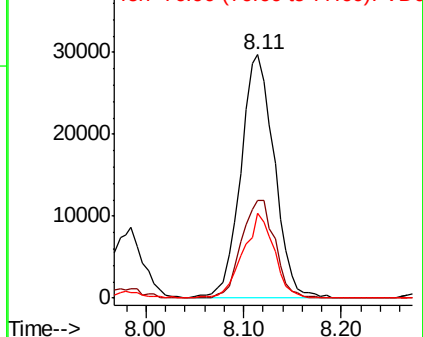
77 32.4 24.8 37.2

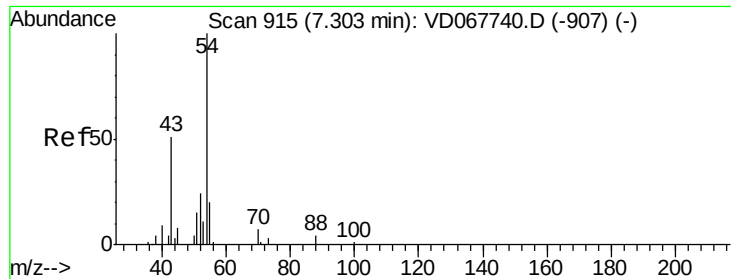


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 20.728 ug/l

RT: 7.30 min Scan# 914

Delta R.T. -0.01 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBS01

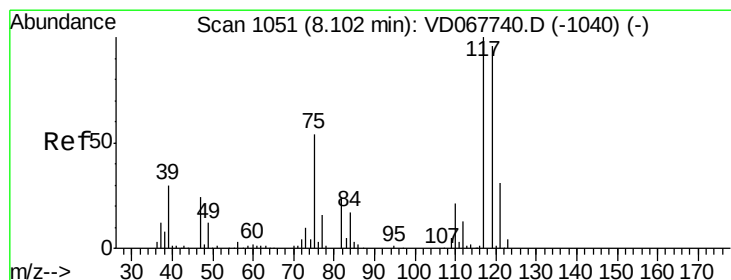
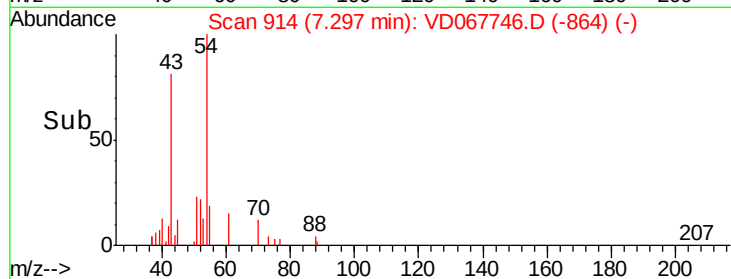
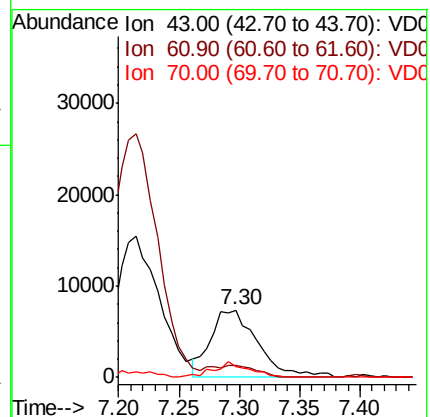
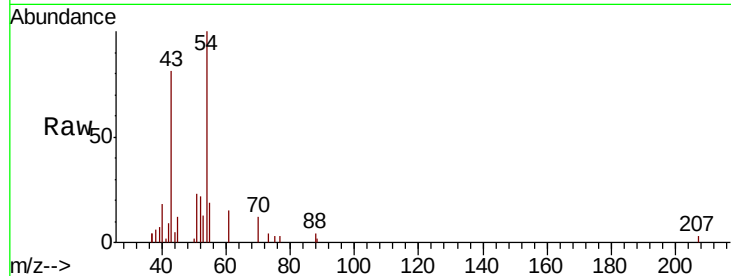
Tot Ion: 43 Resp: 19975

Ion Ratio Lower Upper

43 100

61 17.5 12.9 19.3

70 16.9 12.2 18.2



#38

Carbon Tetrachloride

Concen: 19.752 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

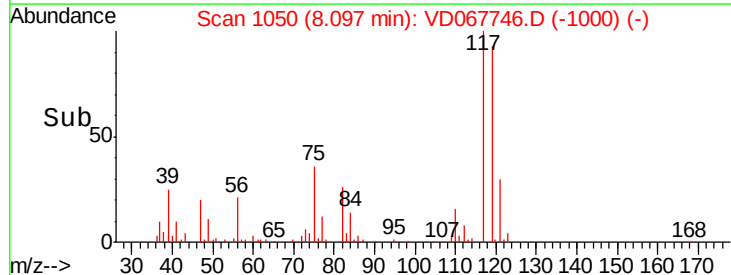
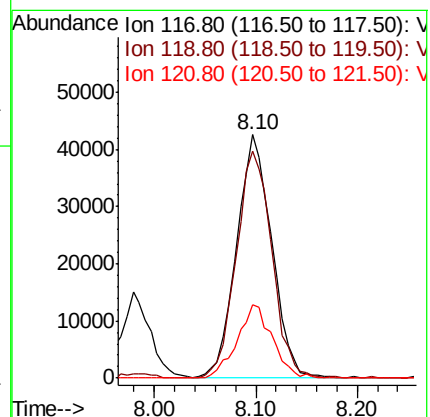
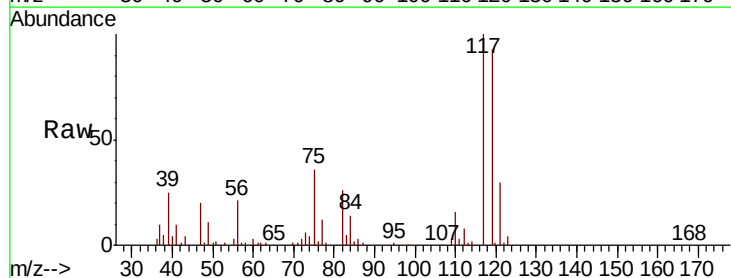
Tgt Ion: 117 Resp: 102611

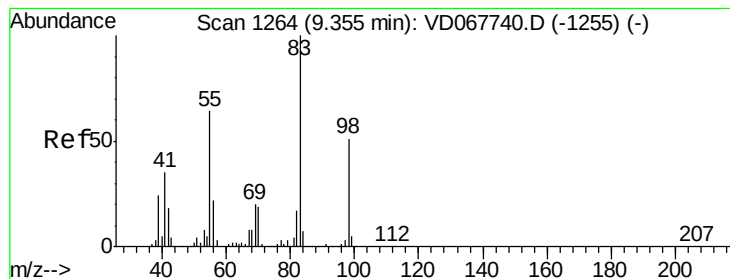
Ion Ratio Lower Upper

117 100

119 93.2 76.6 115.0

121 30.0 24.5 36.7

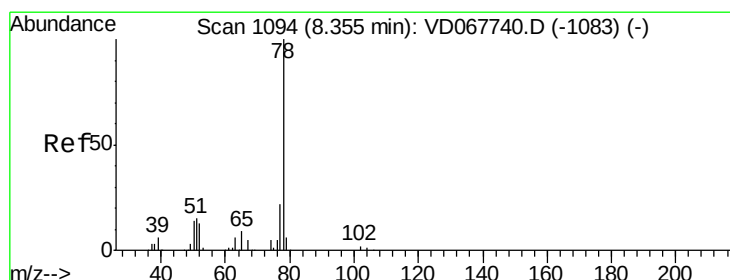
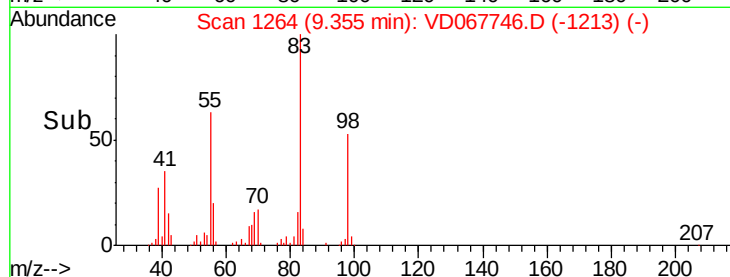
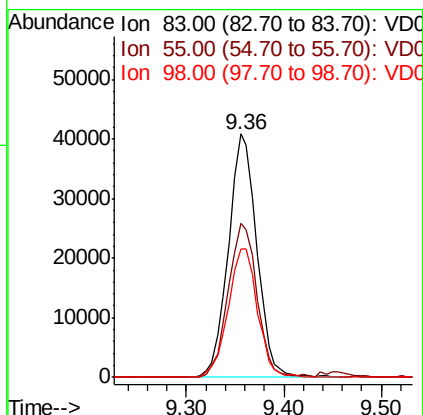
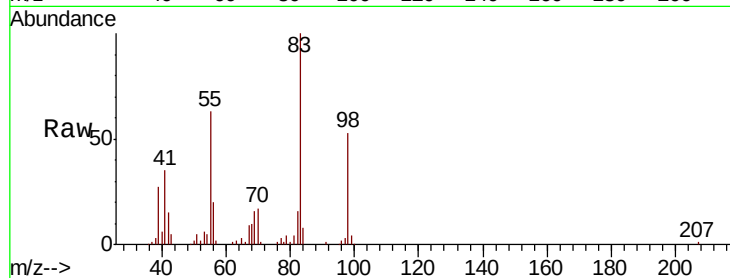




#39
Methylvlcyclohexane
Concen: 19.480 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

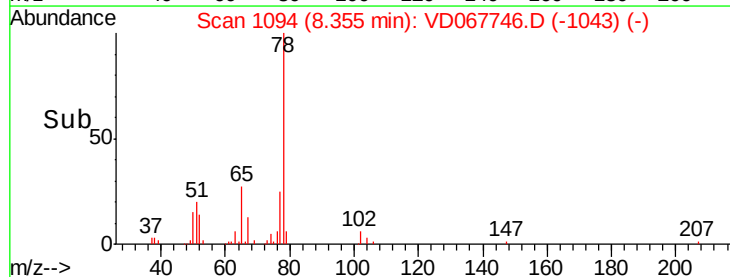
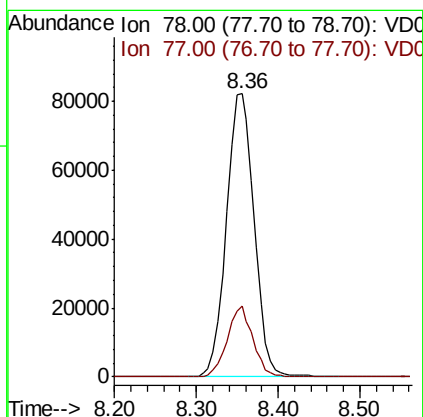
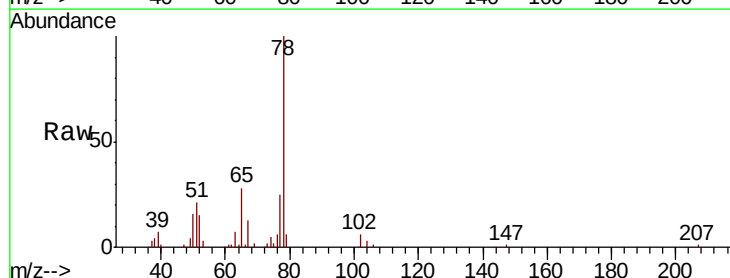
Instrument :
MSVOA_D
ClientSampleId :
VD1123SBSD01

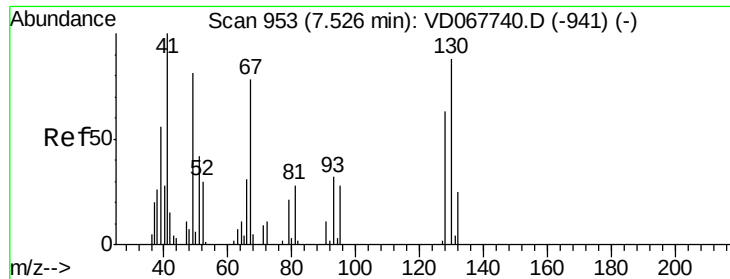
Tot Ion: 83 Resp: 82620
Ion Ratio Lower Upper
83 100
55 63.1 51.0 76.4
98 52.5 40.4 60.6



#40
Benzene
Concen: 19.676 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Tgt Ion: 78 Resp: 193673
Ion Ratio Lower Upper
78 100
77 24.9 17.8 26.6

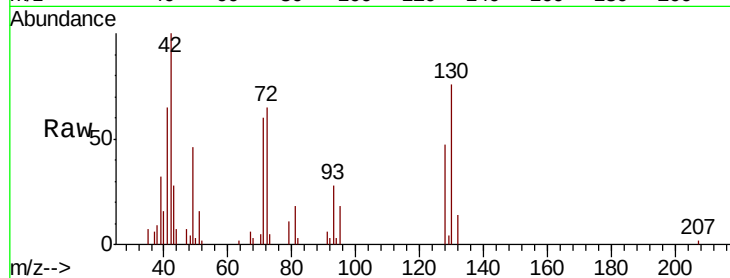




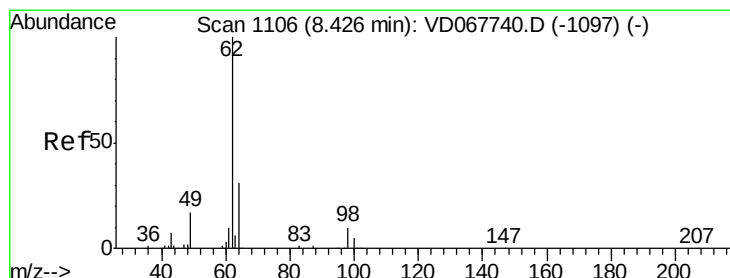
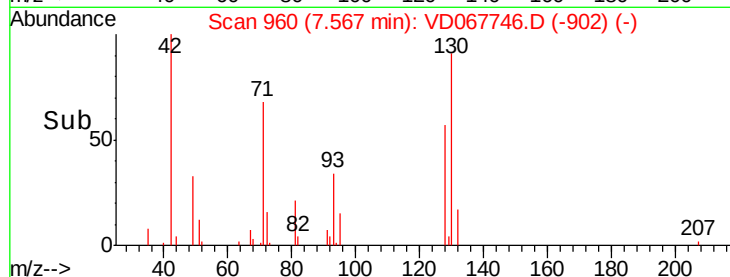
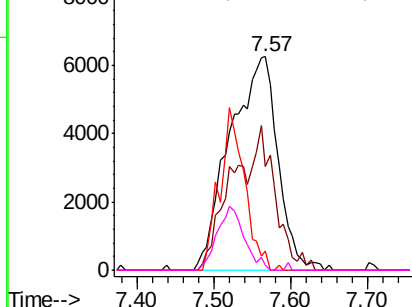
#41
Methacrylonitrile
Concen: 55.314 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.04 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD1123SBSD01

Tot Ion: 41 Resp: 27220
Ion Ratio Lower Upper
41 100
39 28.0 50.2 75.4#
67 0.0 79.0 118.6#
52 0.0 32.4 48.6#

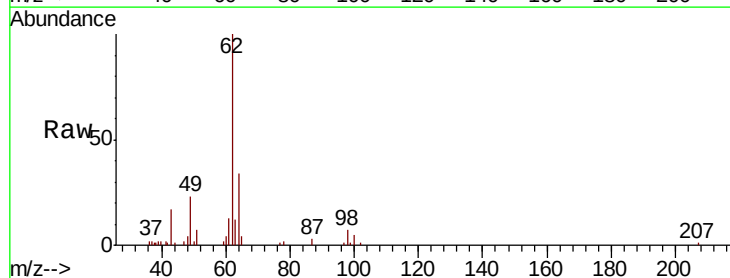


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

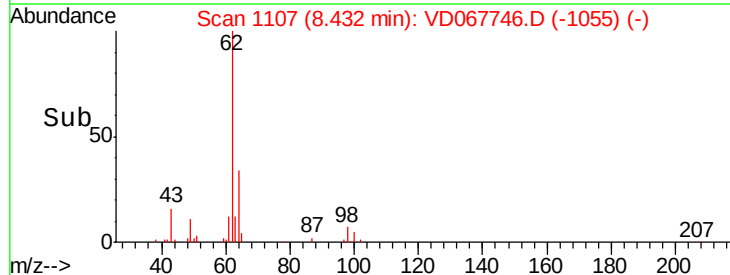
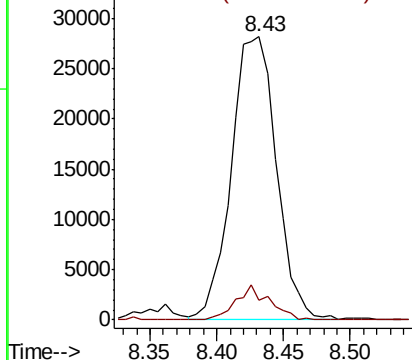


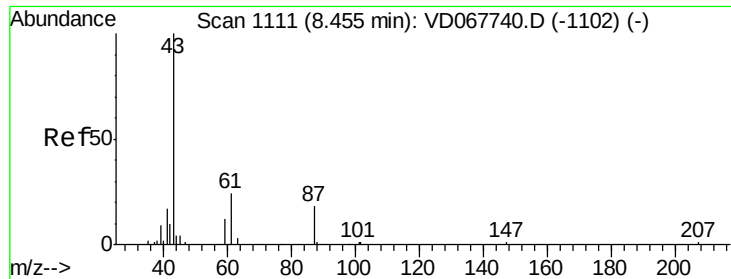
#42
1,2-Dichloroethane
Concen: 19.784 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Tgt Ion: 62 Resp: 66075
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.2



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





#43

Isopropyl Acetate

Concen: 20.085 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBSD01

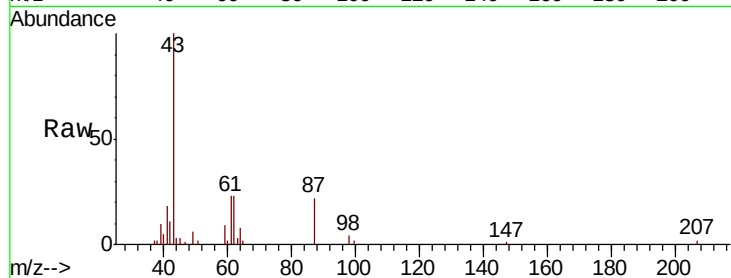
Tot Ion: 43 Resp: 38653

Ion Ratio Lower Upper

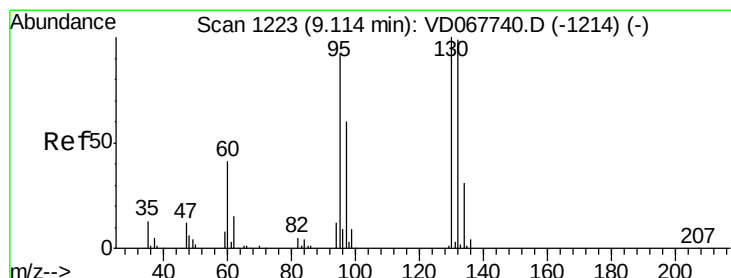
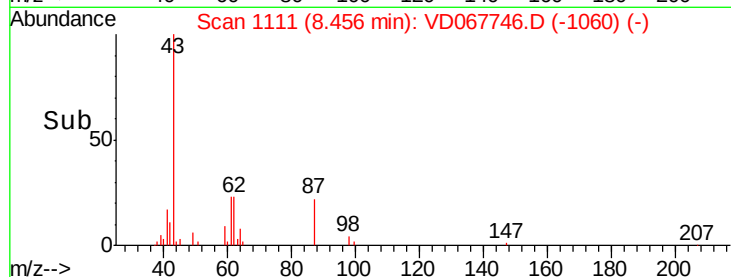
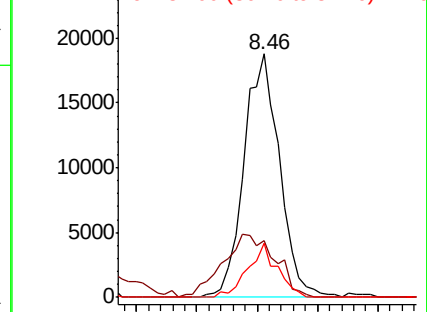
43 100

61 37.9 30.2 45.4

87 18.3 14.2 21.4



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: 19.800 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067746.D

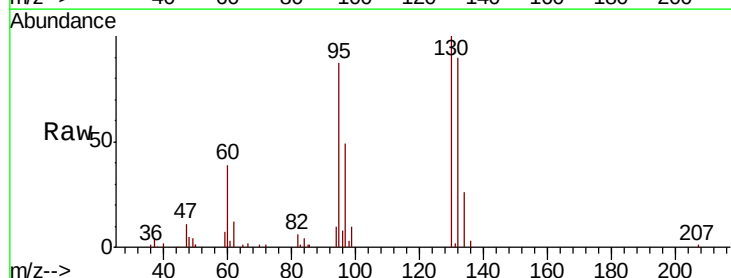
Acq: 23 Nov 2020 15:26

Tgt Ion:130 Resp: 64594

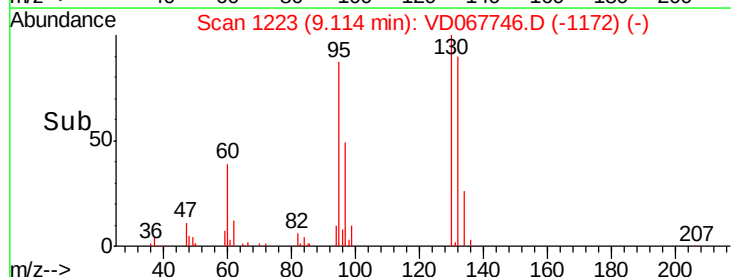
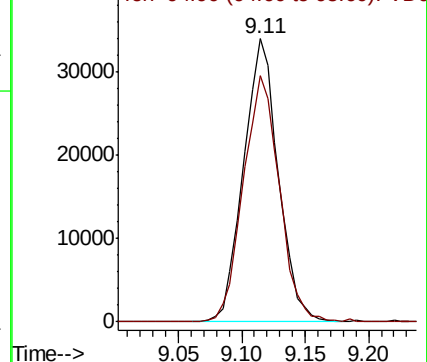
Ion Ratio Lower Upper

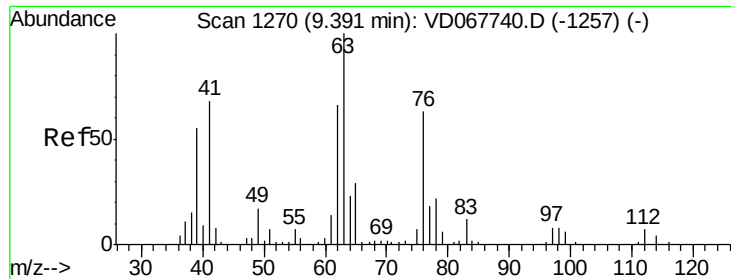
130 100

95 86.9 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

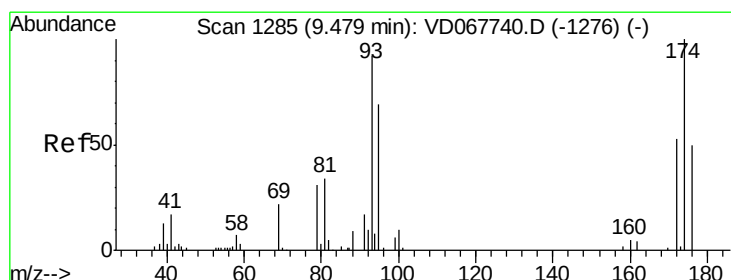
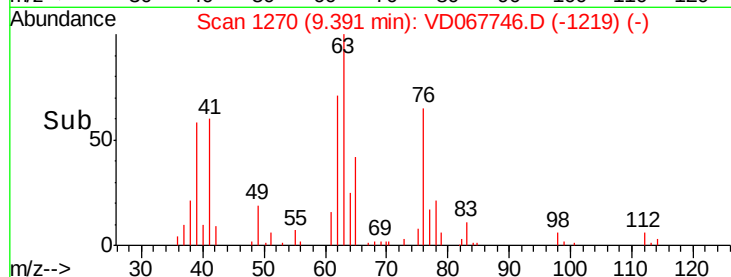
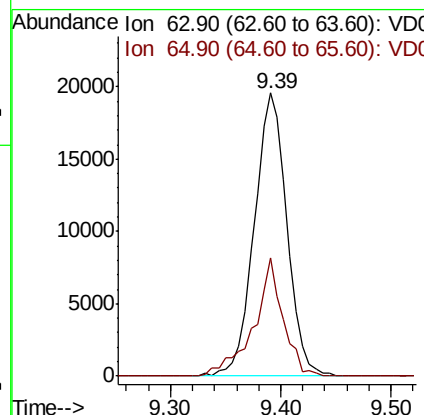
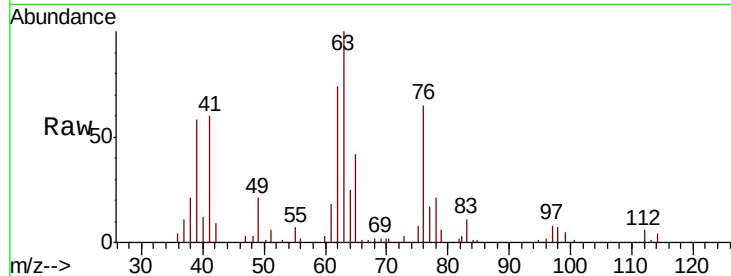




#45
 1,2-Dichloropropane
 Concen: 20.033 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067746.D
 Acq: 23 Nov 2020 15:26

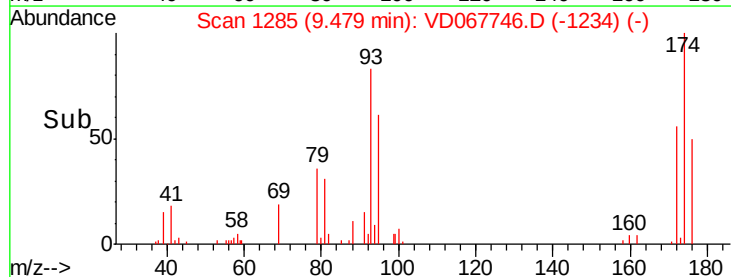
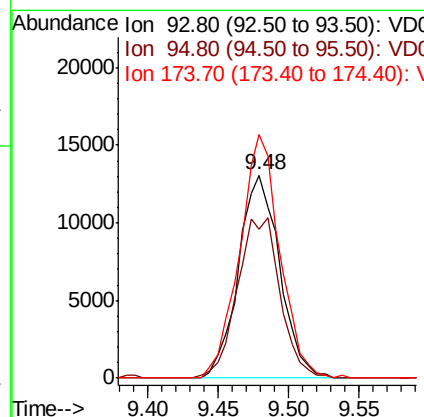
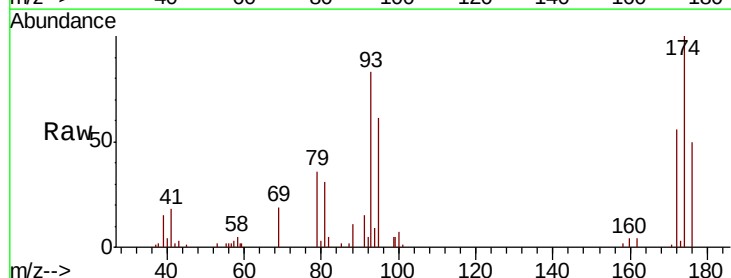
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1123SBSD01

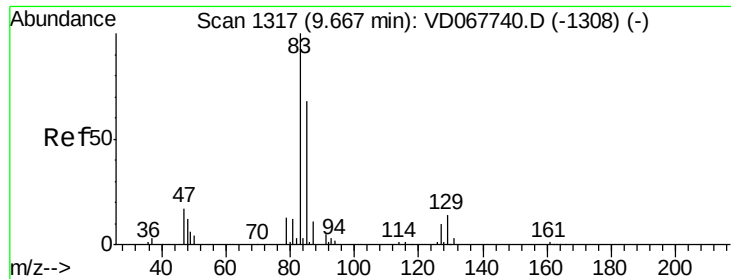
Tot Ion: 63 Resp: 40461
 Ion Ratio Lower Upper
 63 100
 65 41.6 23.1 34.7#



#46
 Dibromomethane
 Concen: 19.449 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067746.D
 Acq: 23 Nov 2020 15:26

Tgt Ion: 93 Resp: 26743
 Ion Ratio Lower Upper
 93 100
 95 81.6 63.4 95.2
 174 116.6 89.6 134.4





#47

Bromodichloromethane

Concen: 19.968 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBSD01

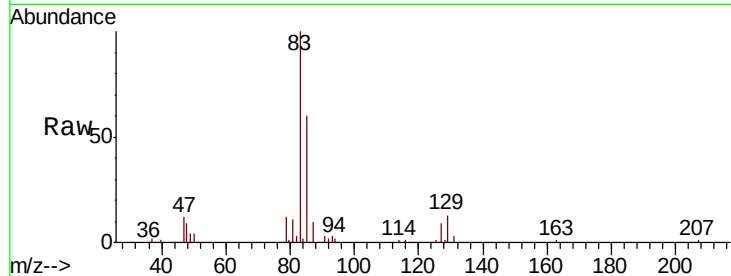
Tot Ion: 83 Resp: 76456

Ion Ratio Lower Upper

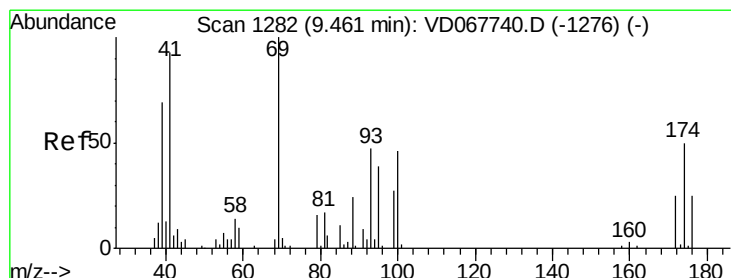
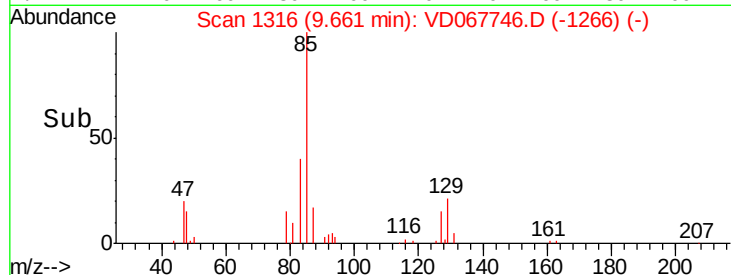
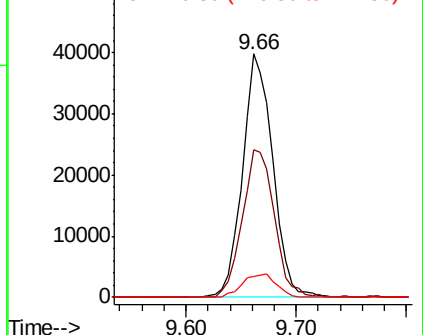
83 100

85 60.4 54.2 81.2

127 8.8 7.6 11.4



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: 19.719 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

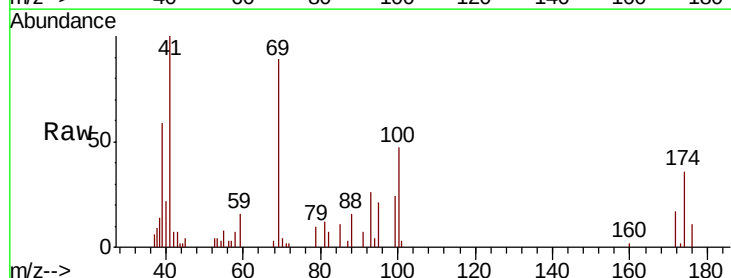
Tgt Ion: 41 Resp: 18972

Ion Ratio Lower Upper

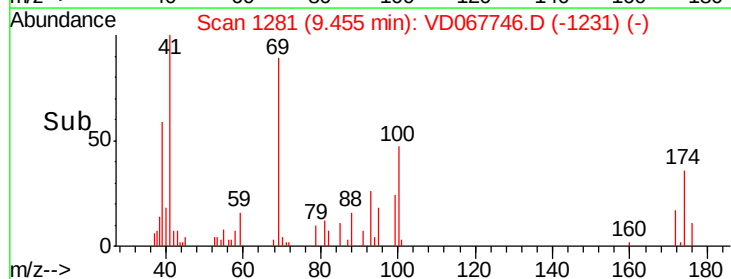
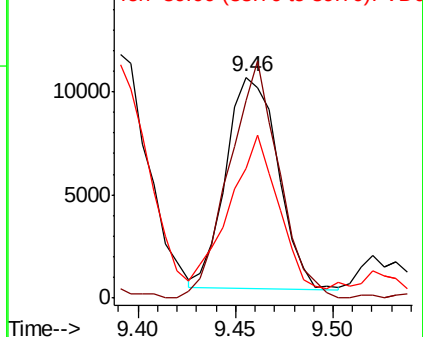
41 100

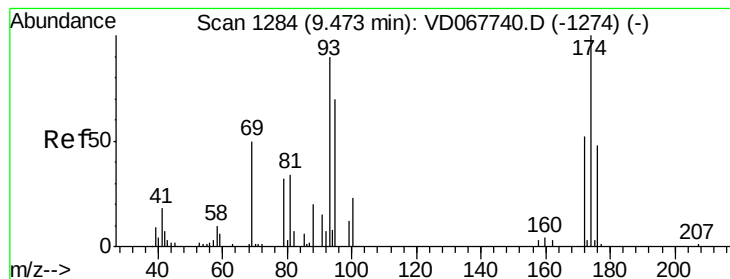
69 107.1 87.8 131.6

39 68.1 60.5 90.7



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: 426.464 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBSD01

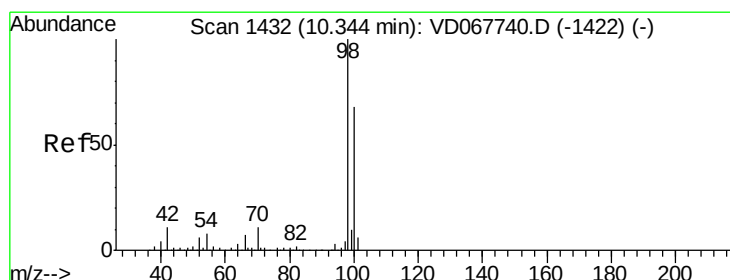
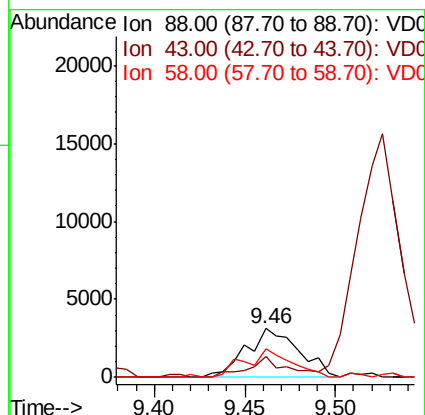
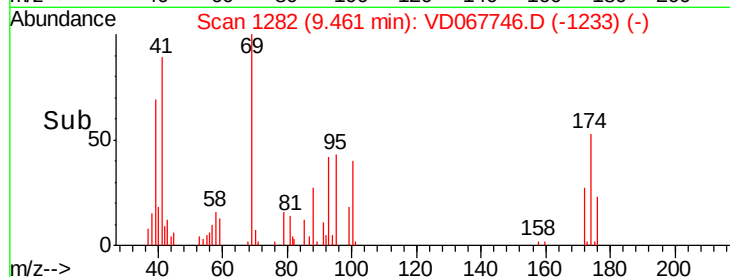
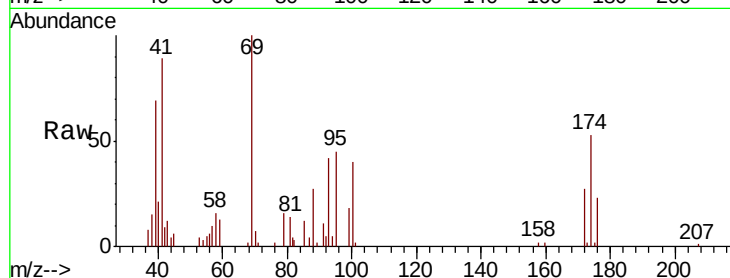
Tot Ion: 88 Resp: 6355

Ion Ratio Lower Upper

88 100

43 32.2 25.2 37.8

58 51.5 48.2 72.2



#50

Toluene-d8

Concen: 50.364 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067746.D

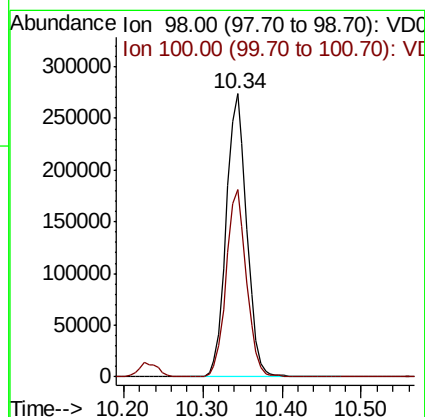
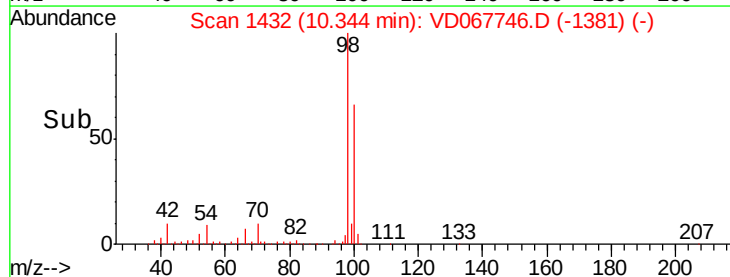
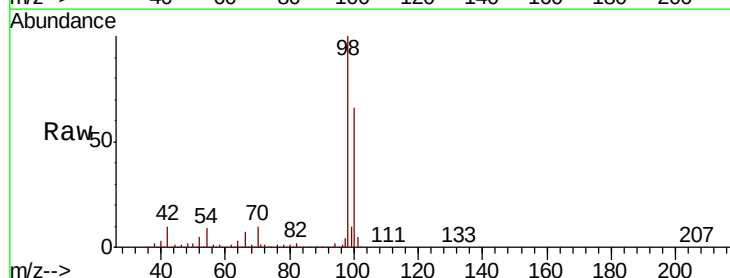
Acq: 23 Nov 2020 15:26

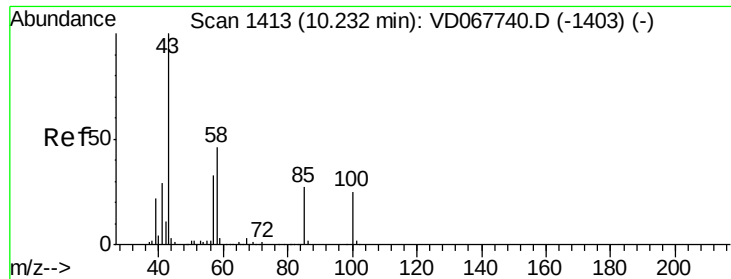
Tgt Ion: 98 Resp: 489417

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 99.982 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

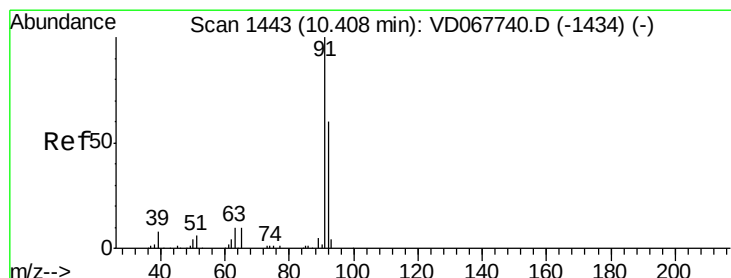
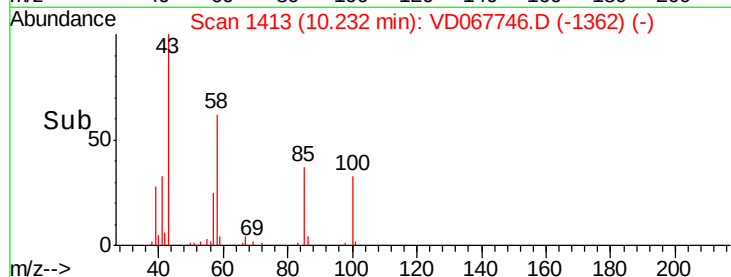
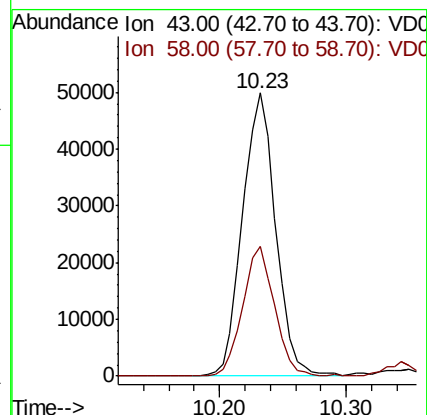
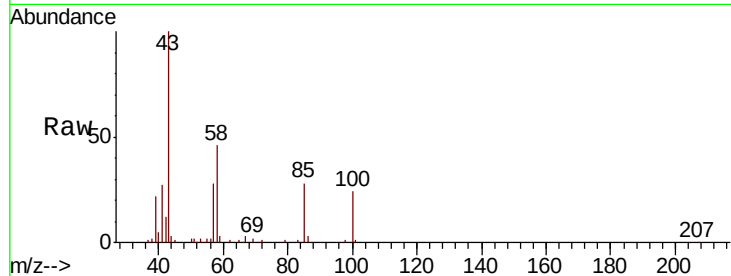
VD1123SBS01

Tot Ion: 43 Resp: 90542

Ion Ratio Lower Upper

43 100

58 44.2 34.7 52.1



#52

Toluene

Concen: 19.946 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067746.D

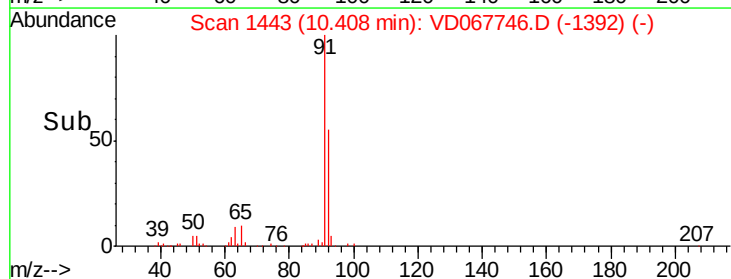
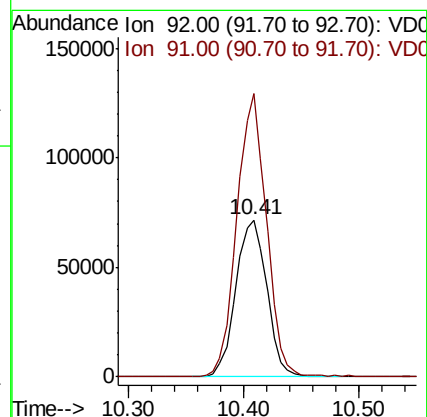
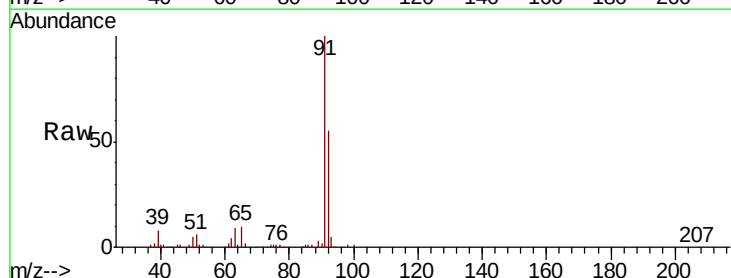
Acq: 23 Nov 2020 15:26

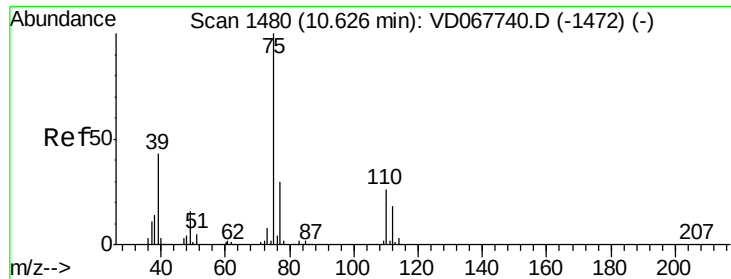
Tgt Ion: 92 Resp: 133185

Ion Ratio Lower Upper

92 100

91 173.0 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 19.250 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

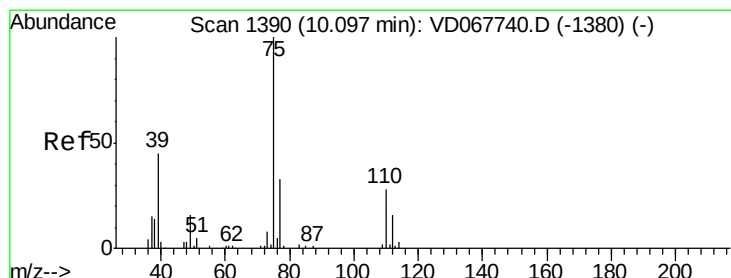
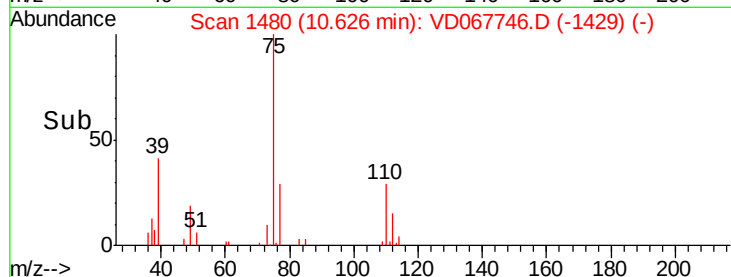
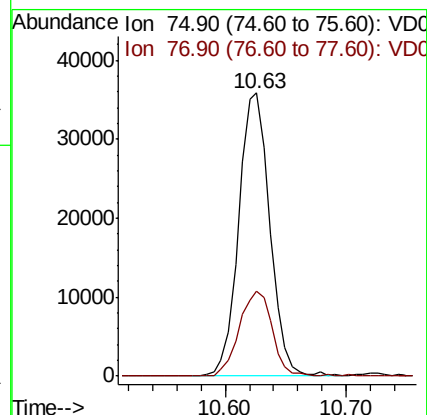
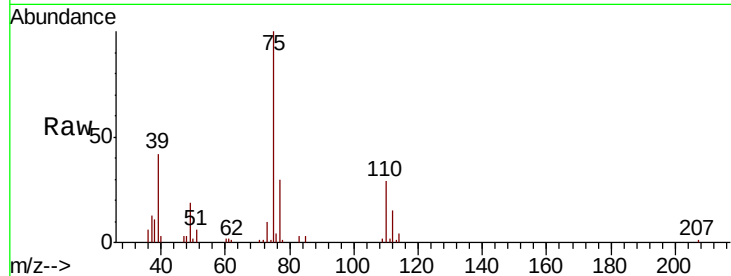
VD1123SBSD01

Tot Ion: 75 Resp: 64396

Ion Ratio Lower Upper

75 100

77 29.8 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 19.991 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

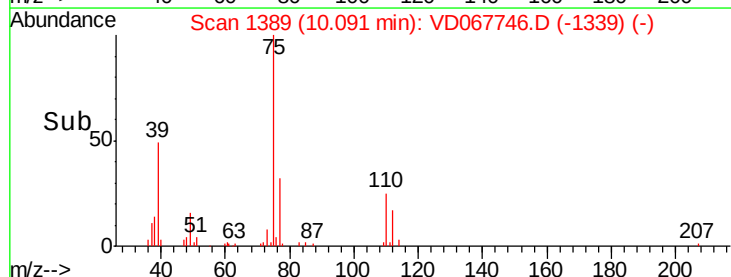
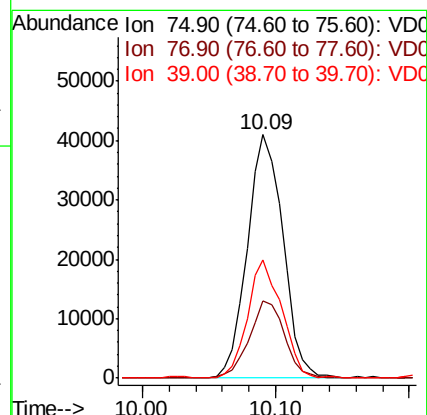
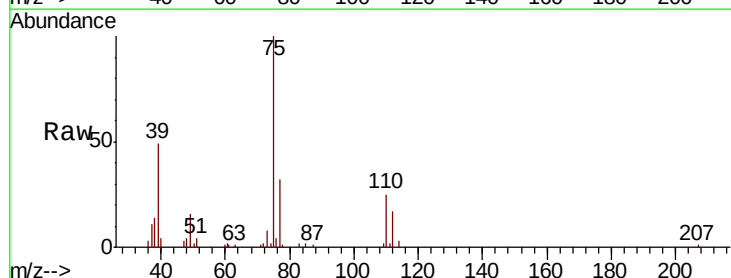
Tgt Ion: 75 Resp: 75682

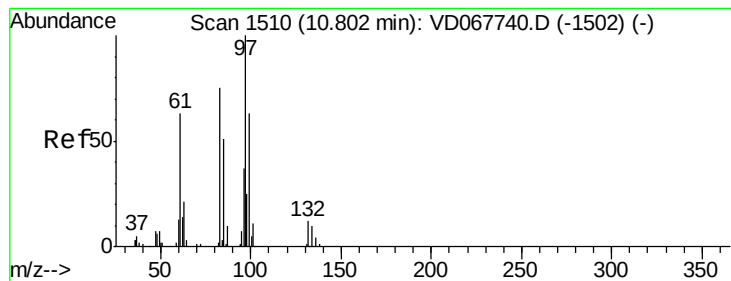
Ion Ratio Lower Upper

75 100

77 31.6 26.1 39.1

39 48.8 35.8 53.6





#55

1,1,2-Trichloroethane

Concen: 19.866 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBSD01

Tot Ion: 97 Resp: 36652

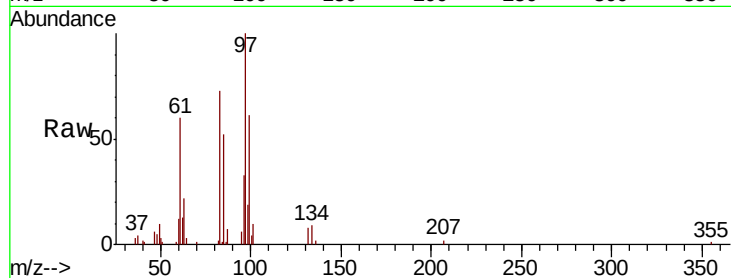
Ion Ratio Lower Upper

97 100

83 73.5 60.2 90.4

85 51.8 40.5 60.7

99 60.6 50.6 76.0



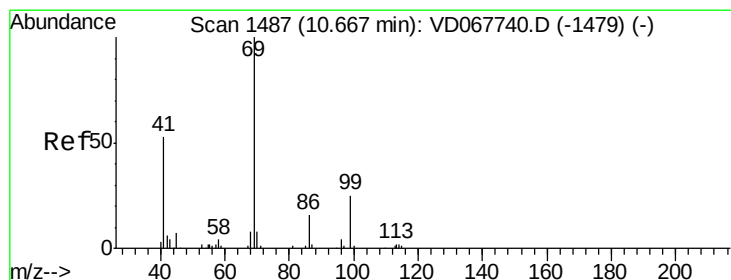
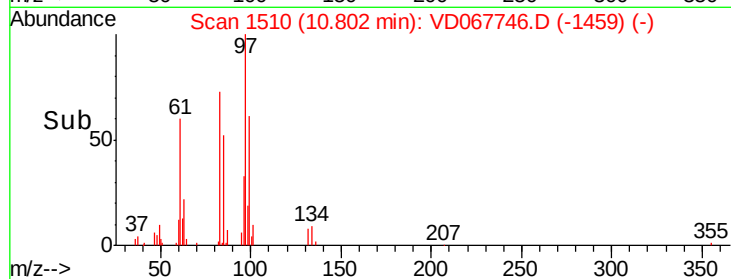
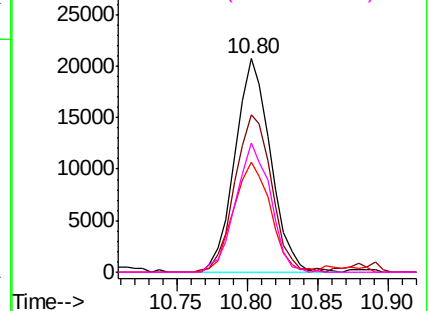
Abundance

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: 20.145 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

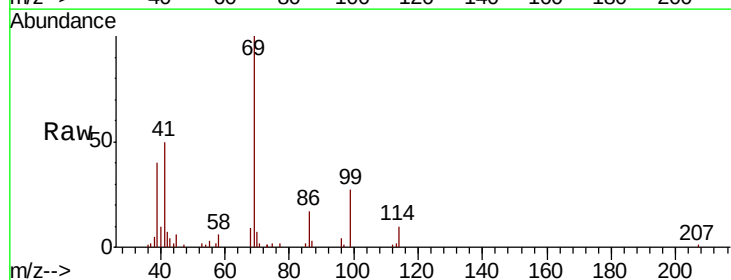
Tgt Ion: 69 Resp: 38480

Ion Ratio Lower Upper

69 100

41 53.0 43.4 65.0

39 33.4 29.6 44.4

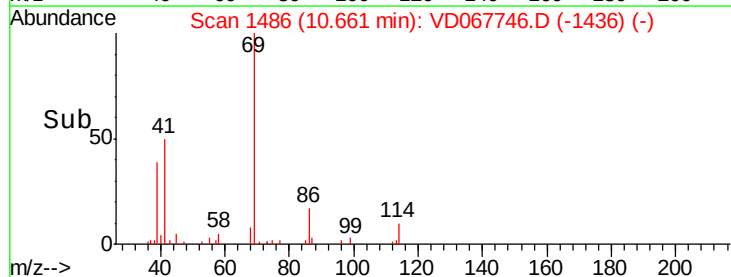
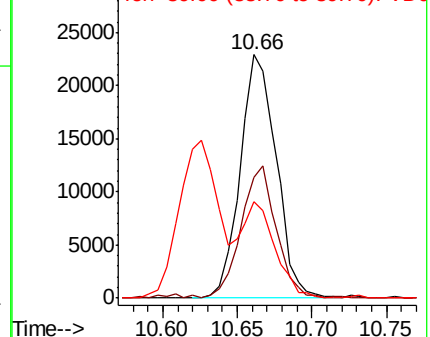


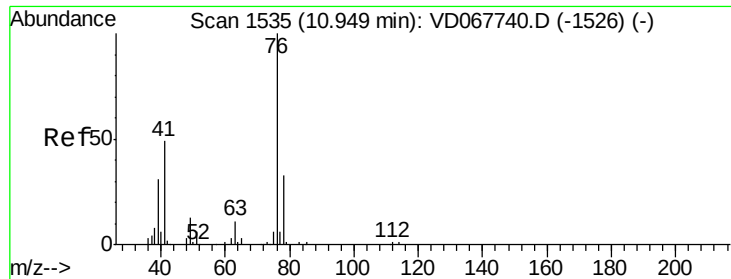
Abundance

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: 19.976 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

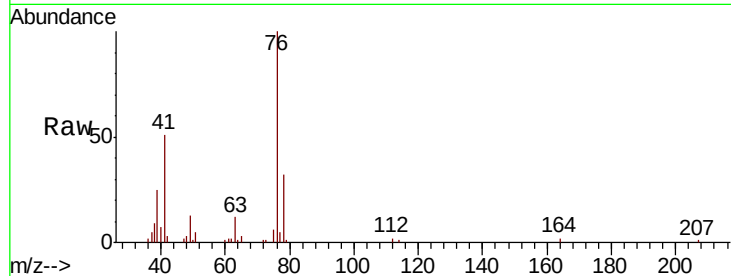
VD1123SBSD01

Tot Ion: 76 Resp: 58109

Ion Ratio Lower Upper

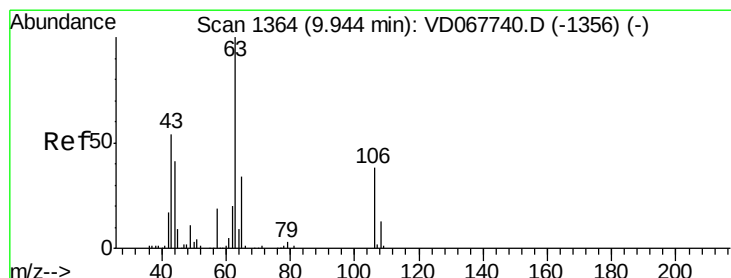
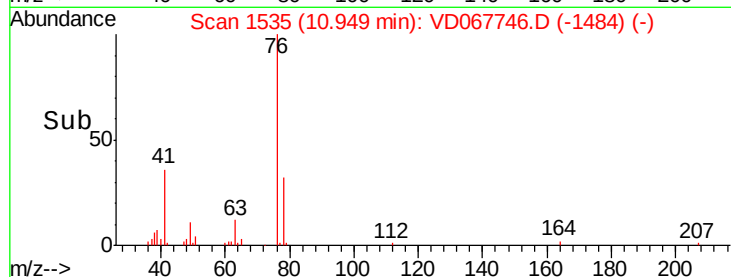
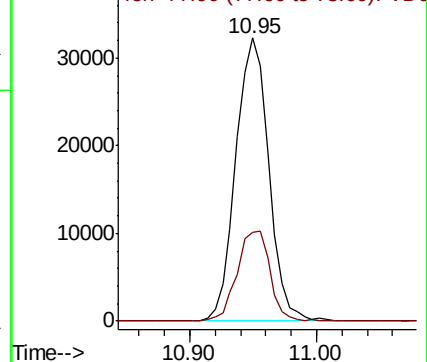
76 100

78 31.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 88.544 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067746.D

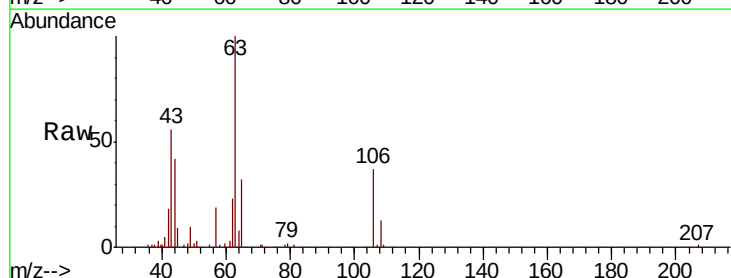
Acq: 23 Nov 2020 15:26

Tgt Ion: 63 Resp: 79026

Ion Ratio Lower Upper

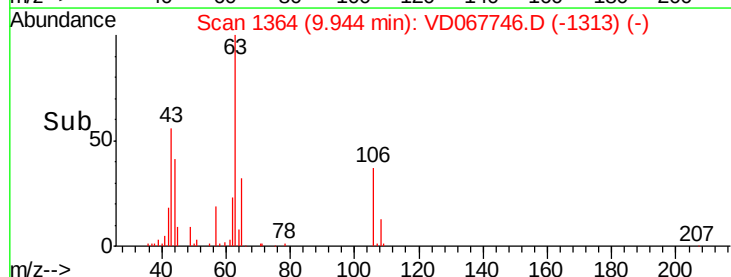
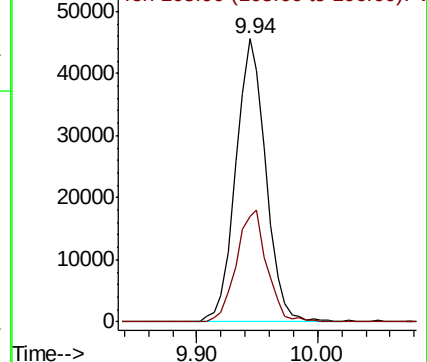
63 100

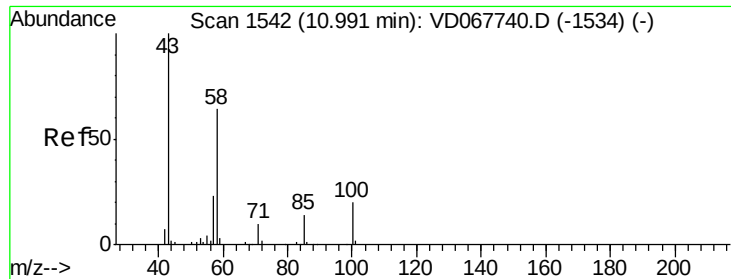
106 40.1 31.0 46.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

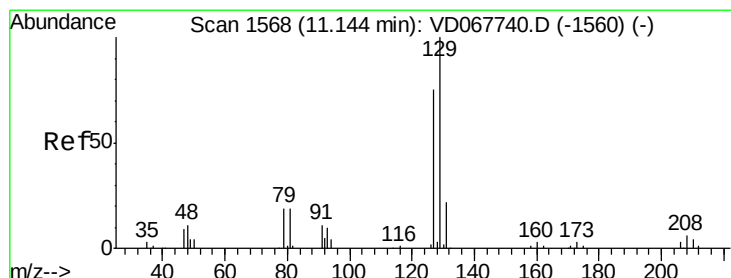
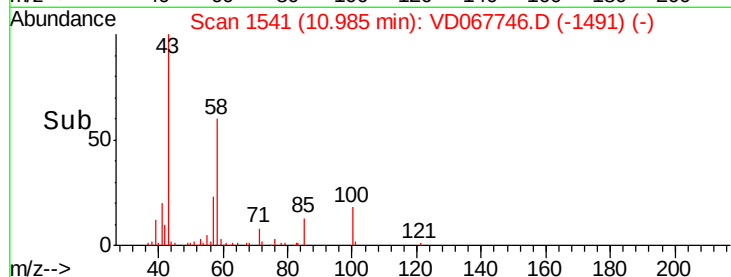
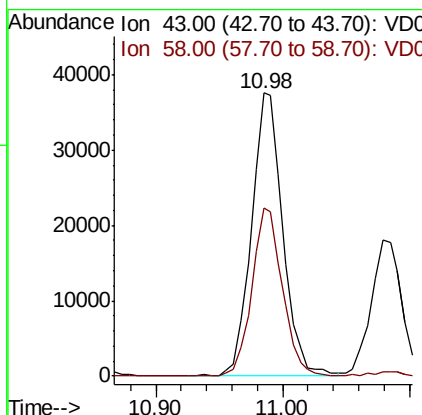
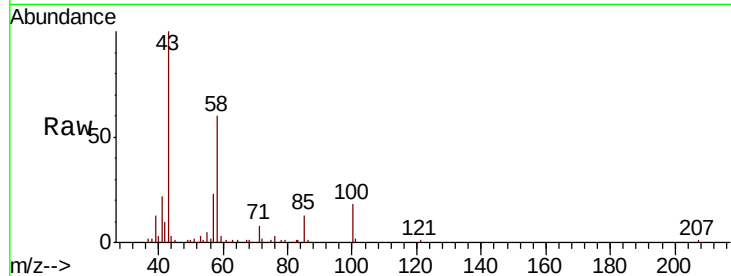




#59
2-Hexanone
Concen: 101.104 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

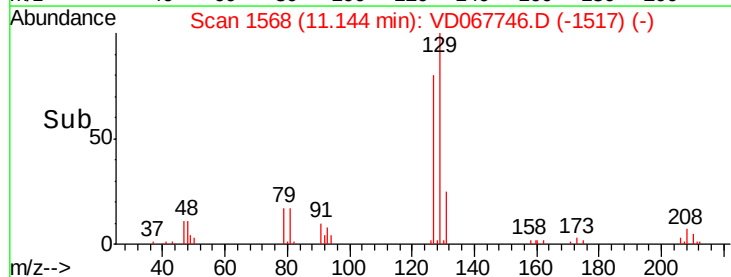
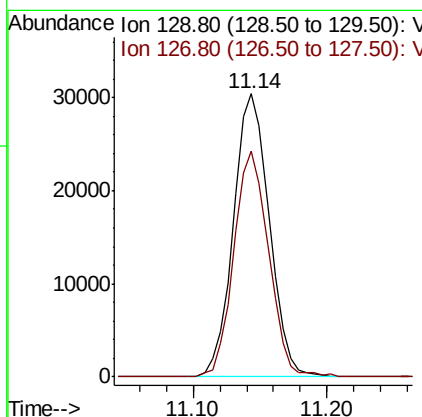
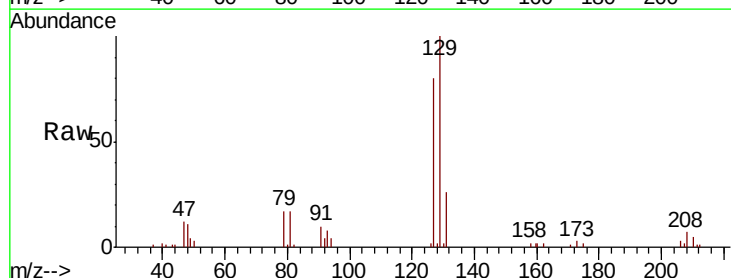
Instrument :
MSVOA_D
ClientSampleId :
VD1123SBSD01

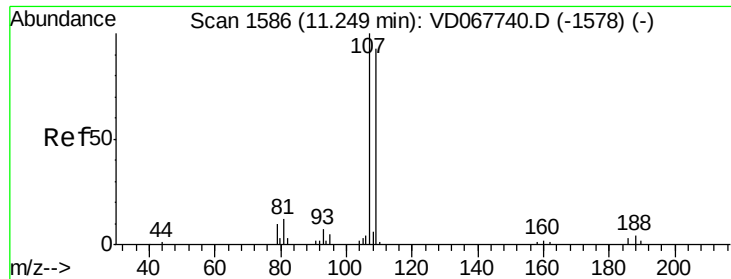
Tot Ion: 43 Resp: 64643
Ion Ratio Lower Upper
43 100
58 57.8 30.5 91.5



#60
Dibromochloromethane
Concen: 20.131 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Tgt Ion:129 Resp: 56597
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7

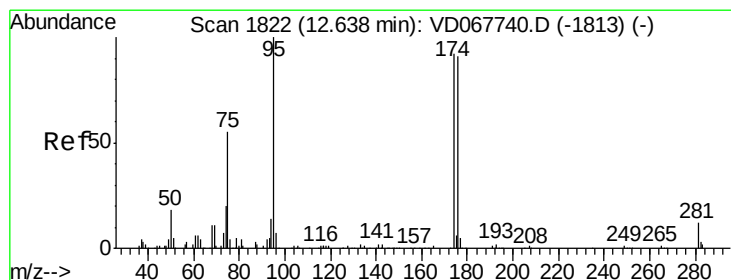
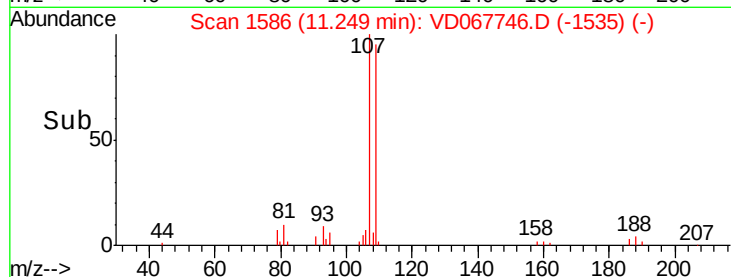
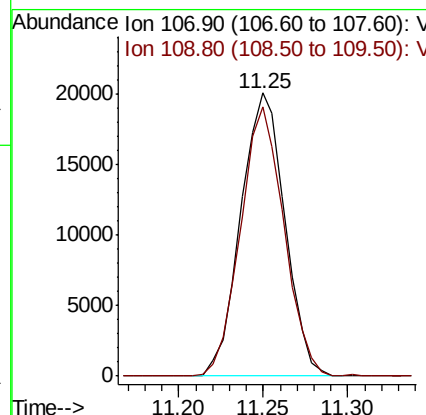
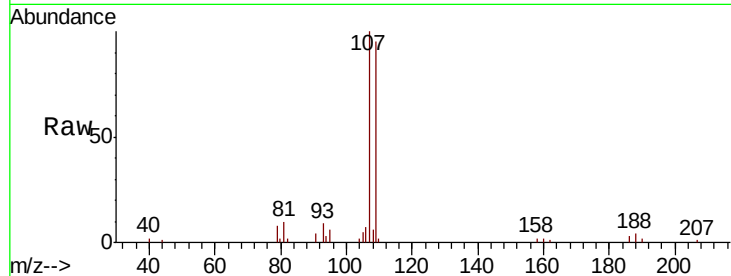




#61
 1,2-Dibromoethane
 Concen: 20.085 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067746.D
 Acq: 23 Nov 2020 15:26

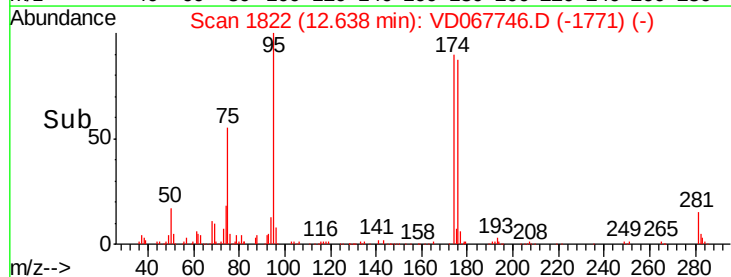
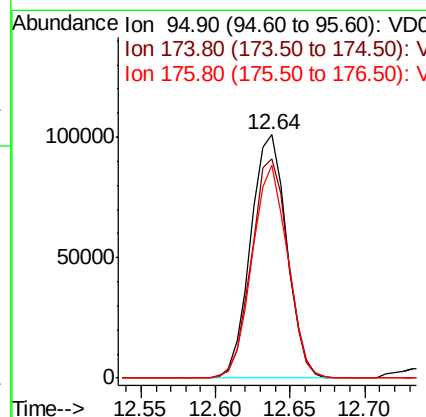
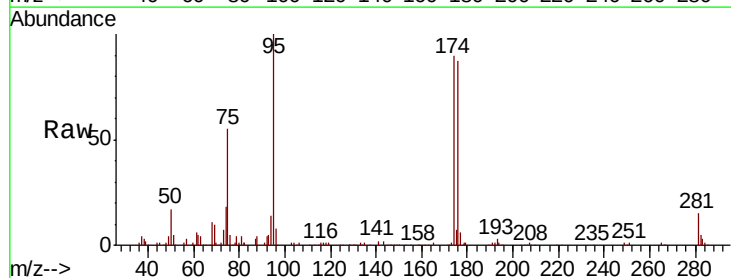
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1123SBSD01

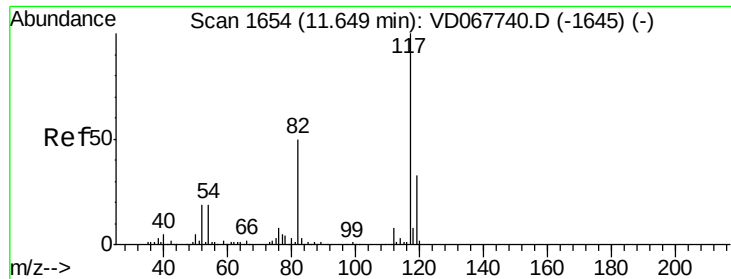
Tot Ion:107 Resp: 36513
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.731 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067746.D
 Acq: 23 Nov 2020 15:26

Tgt Ion: 95 Resp: 168504
 Ion Ratio Lower Upper
 95 100
 174 91.1 0.0 182.4
 176 86.2 0.0 178.2

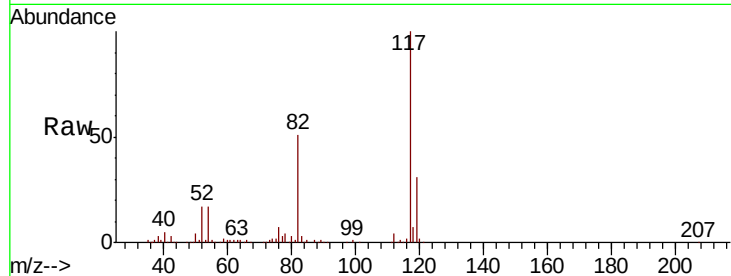




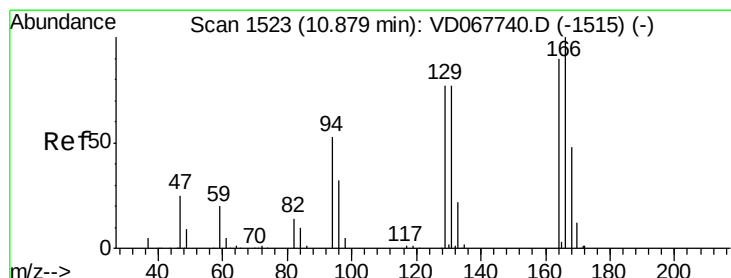
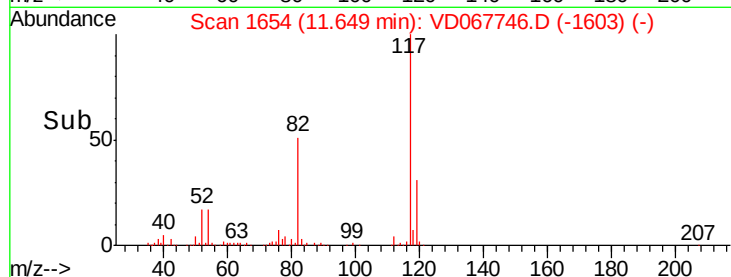
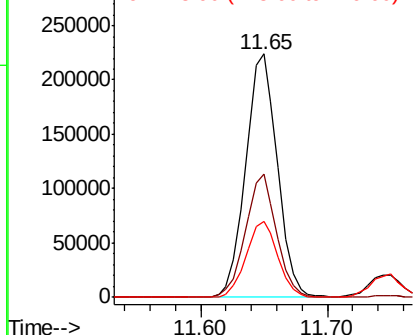
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD1123SBSD01

Tot Ion:117 Resp: 389210
Ion Ratio Lower Upper
117 100
82 50.9 40.2 60.4
119 31.4 26.5 39.7

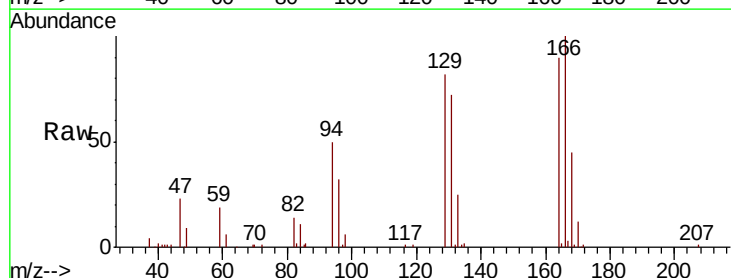


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

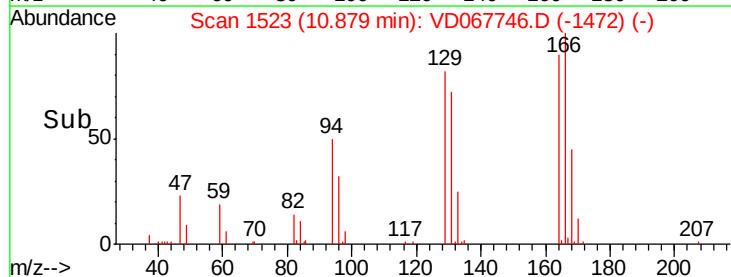
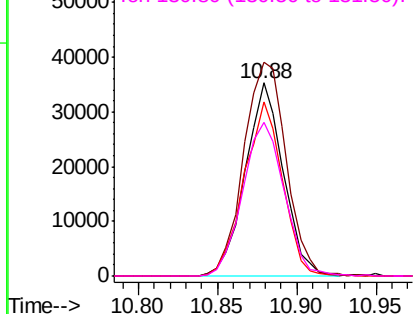


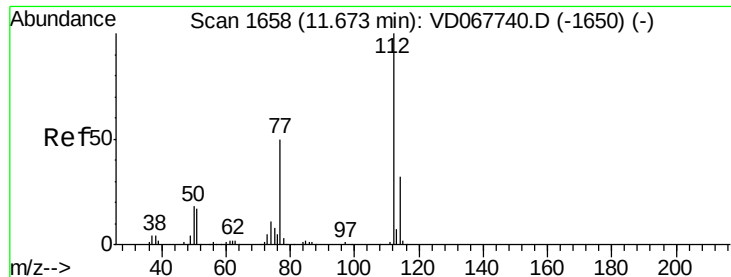
#64
Tetrachloroethene
Concen: 19.511 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Tgt Ion:164 Resp: 58939
Ion Ratio Lower Upper
164 100
166 110.6 89.2 133.8
129 90.3 68.4 102.6
131 79.8 68.7 103.1



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

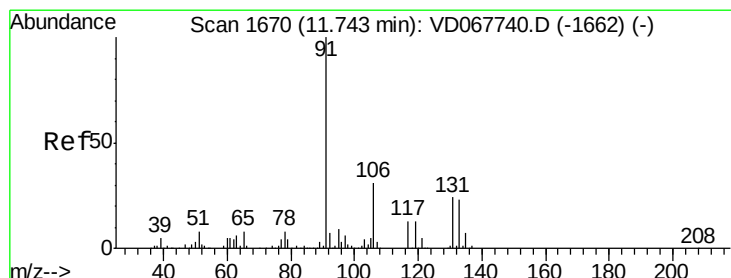
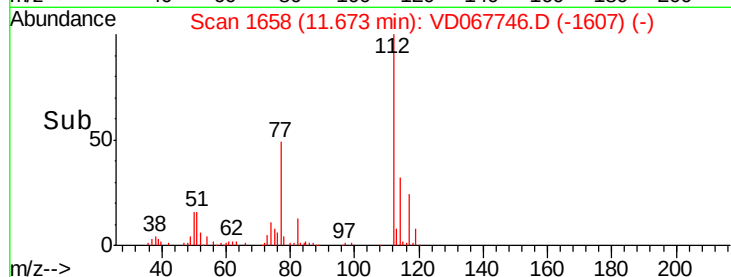
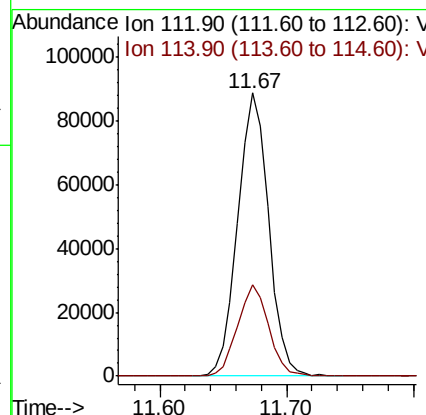
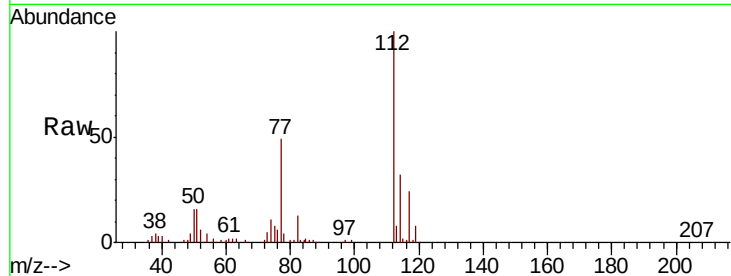




#65
Chlorobenzene
Concen: 19.538 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

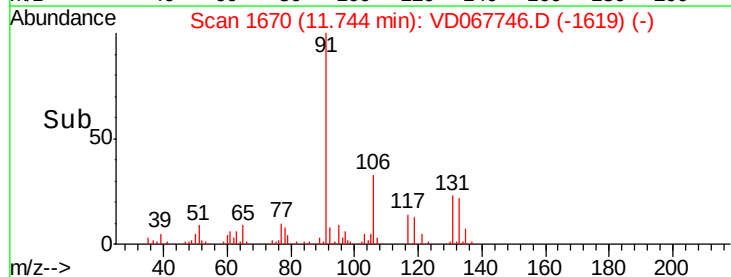
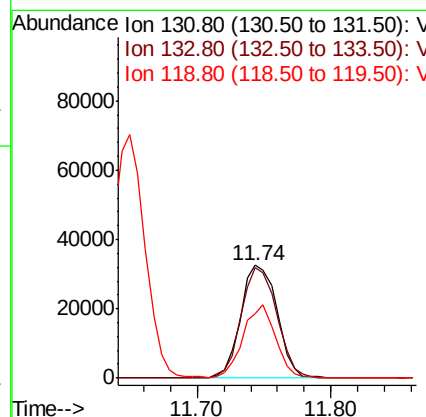
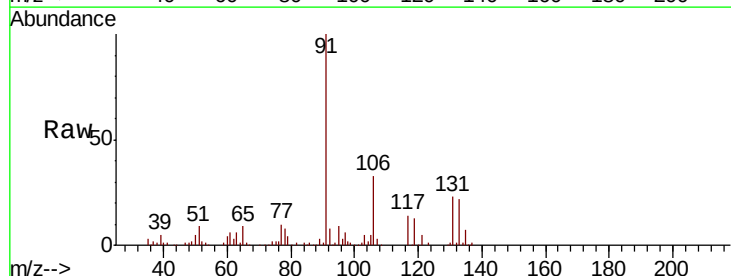
Instrument :
MSVOA_D
ClientSampleId :
VD1123SBSD01

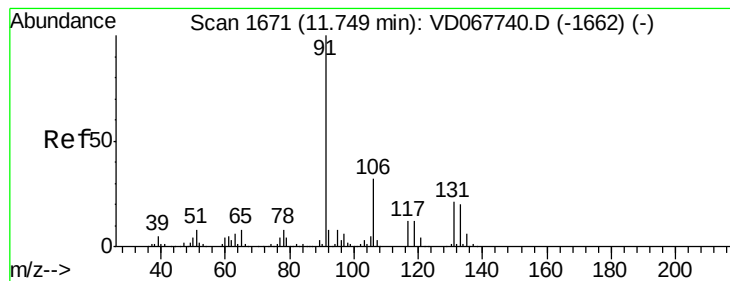
Tot Ion:112 Resp: 149457
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.744 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Tgt Ion:131 Resp: 61094
Ion Ratio Lower Upper
131 100
133 96.7 49.0 147.0
119 58.6 28.8 86.5





#67

Ethyl Benzene

Concen: 19.611 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

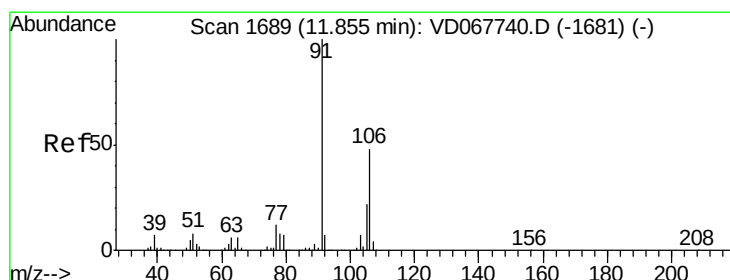
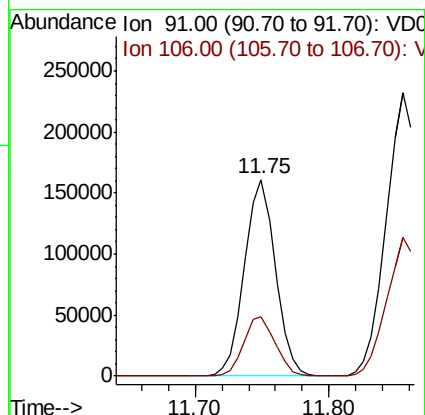
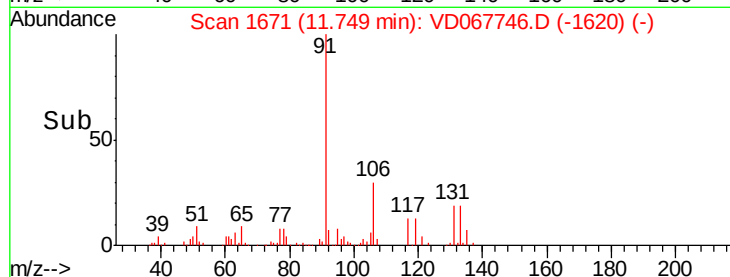
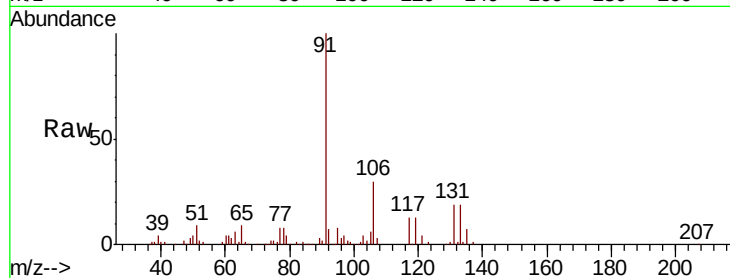
VD1123SBSD01

Tot Ion: 91 Resp: 258981

Ion Ratio Lower Upper

91 100

106 30.3 25.7 38.5



#68

m/p-Xylenes

Concen: 40.034 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067746.D

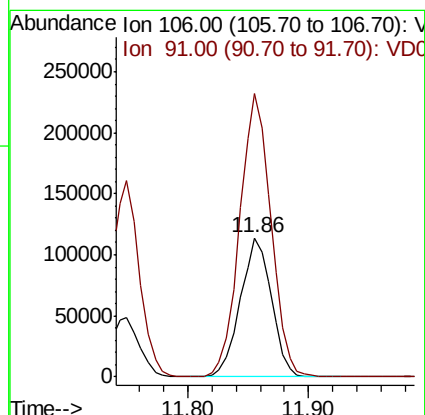
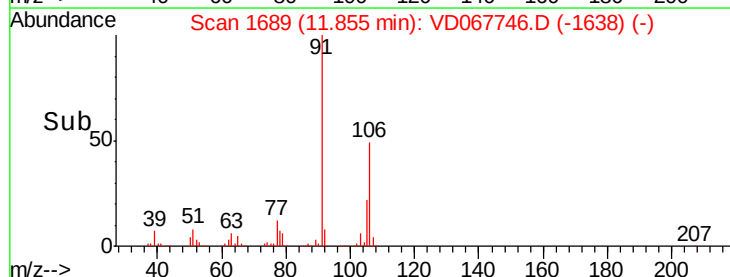
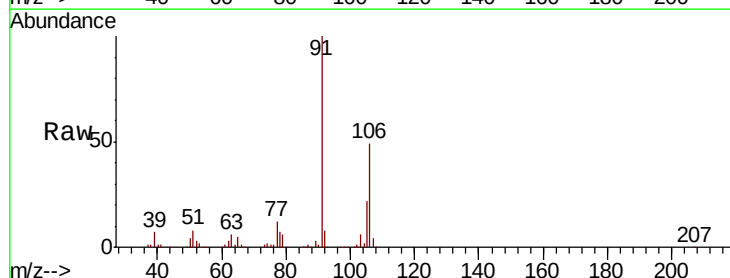
Acq: 23 Nov 2020 15:26

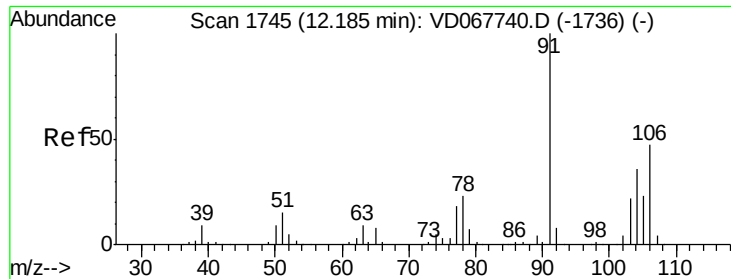
Tgt Ion: 106 Resp: 205736

Ion Ratio Lower Upper

106 100

91 203.6 163.0 244.6

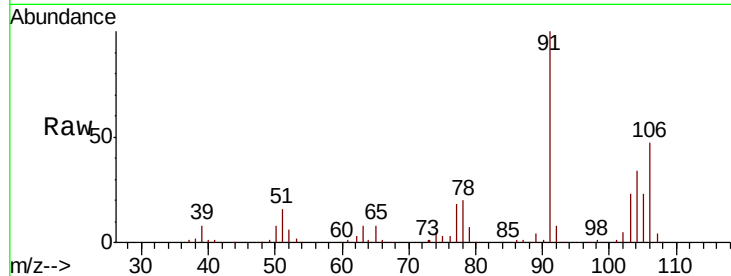




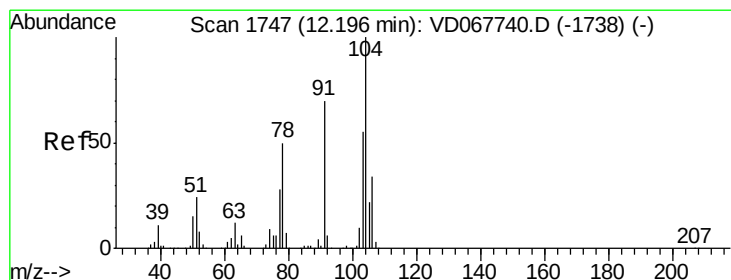
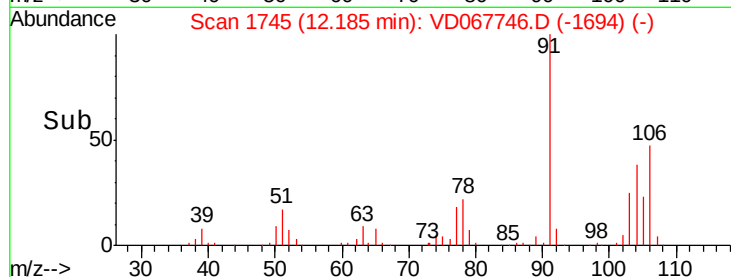
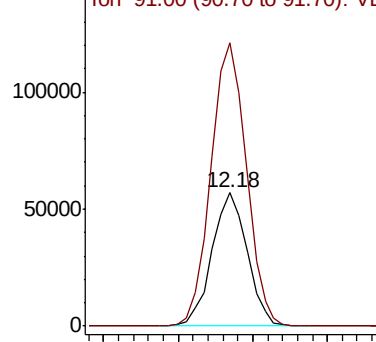
#69
o-Xylene
Concen: 19.828 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD1123SBSD01

Tot Ion:106 Resp: 92775
Ion Ratio Lower Upper
106 100
91 215.0 106.2 318.6

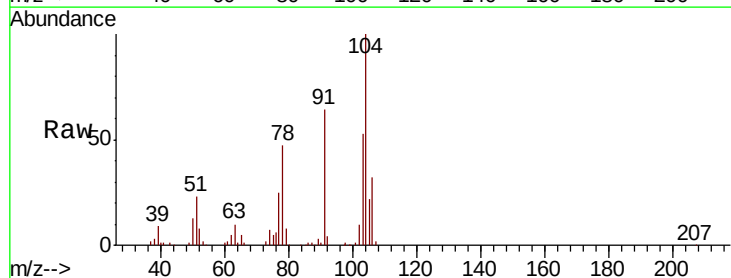


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

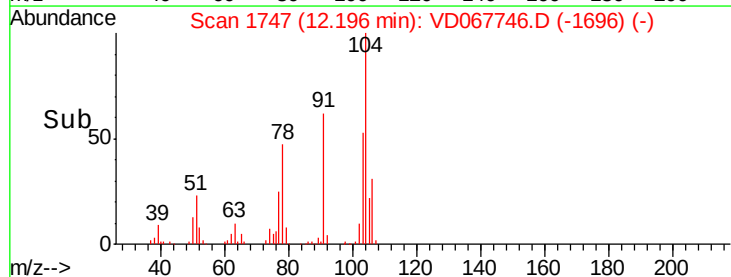
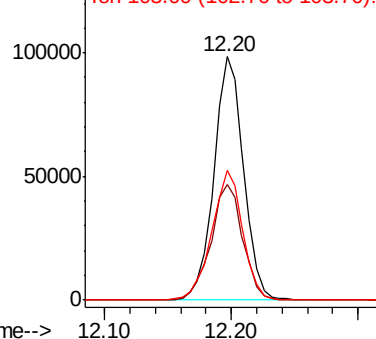


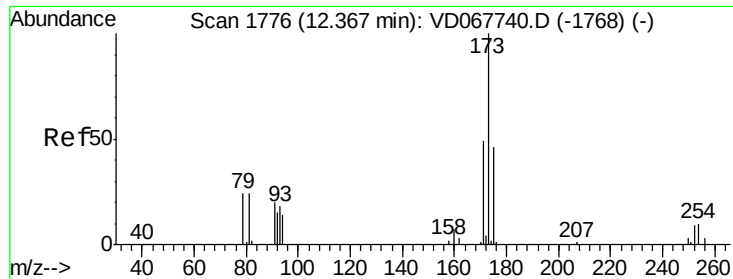
#70
Styrene
Concen: 19.970 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Tgt Ion:104 Resp: 159162
Ion Ratio Lower Upper
104 100
78 51.2 41.9 62.9
103 55.5 44.1 66.1



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: 19.264 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBSD01

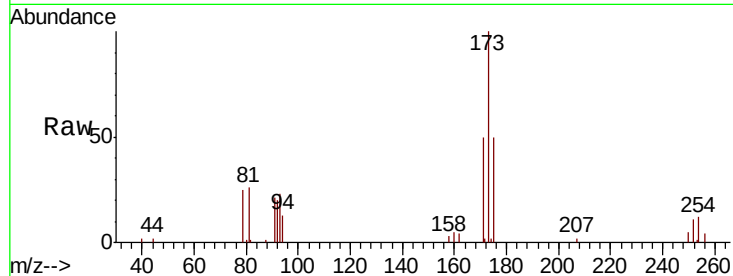
Tot Ion:173 Resp: 32360

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.7

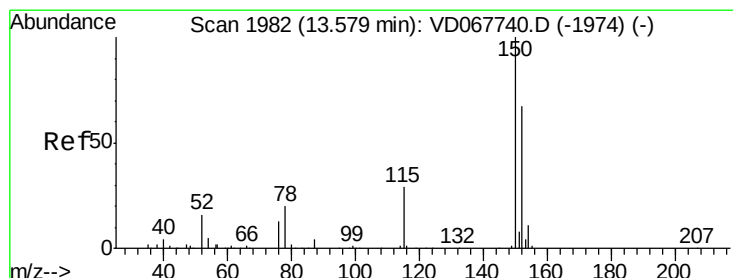
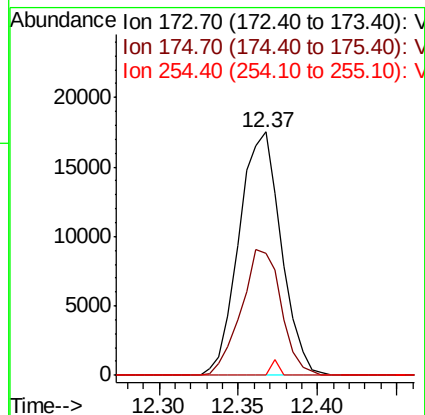
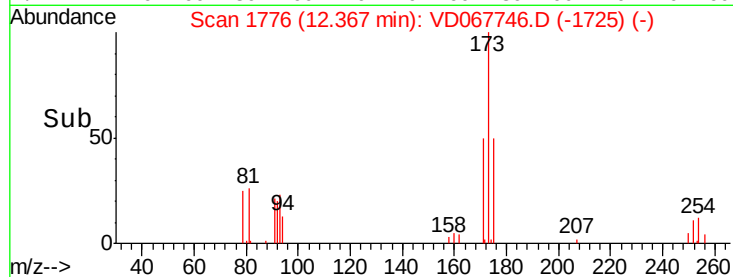
254 1.2 0.0 0.0#



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: VD067746.D

Acq: 23 Nov 2020 15:26

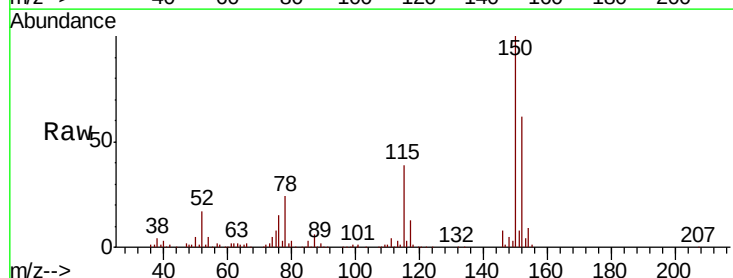
Tgt Ion:152 Resp: 196080

Ion Ratio Lower Upper

152 100

115 59.5 29.4 88.3

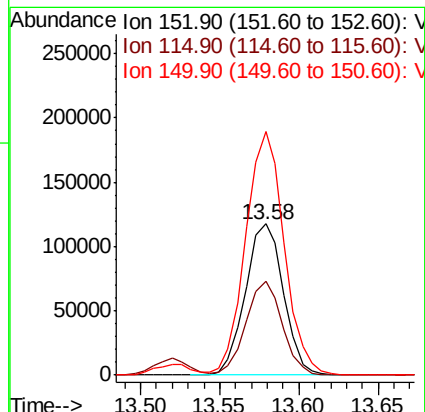
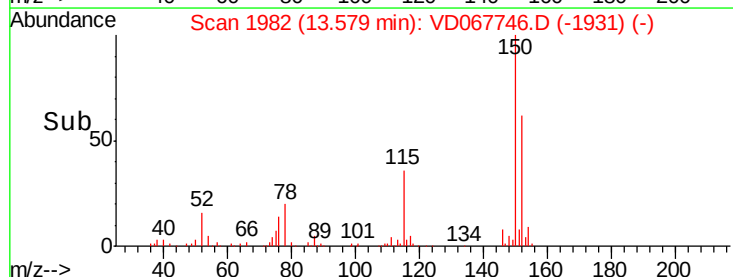
150 163.3 0.0 340.6

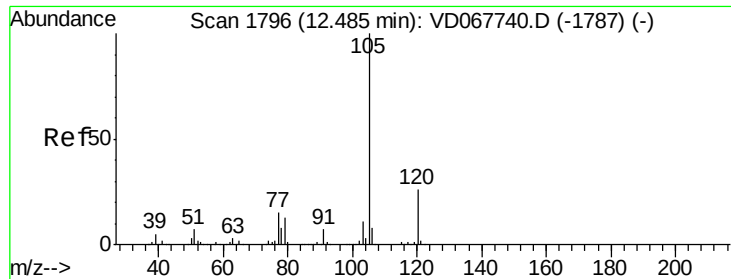


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.422 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

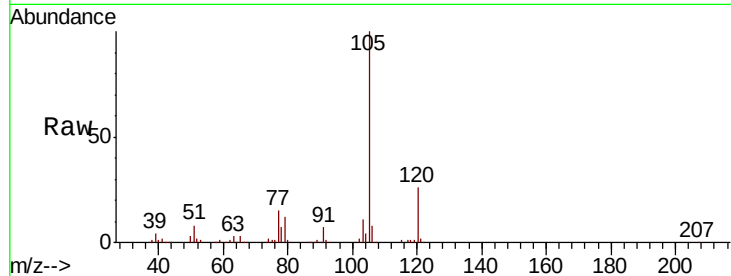
VD1123SBS01

Tot Ion:105 Resp: 263476

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

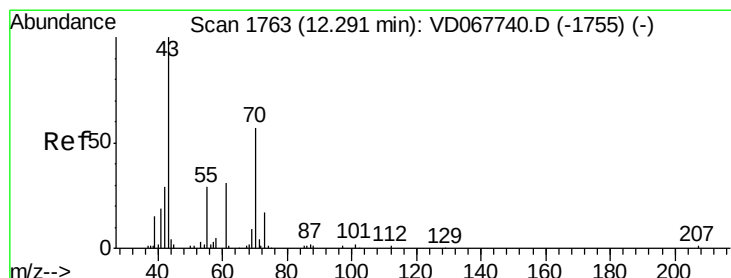
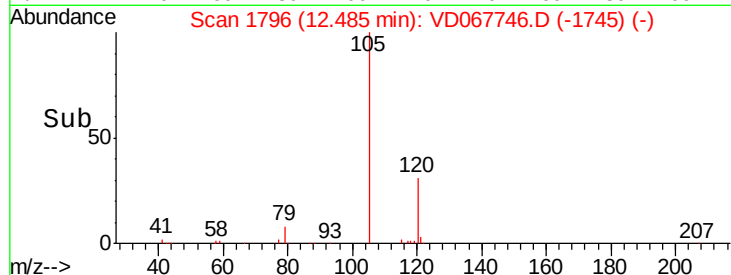
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.448 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Tgt Ion: 43 Resp: 34788

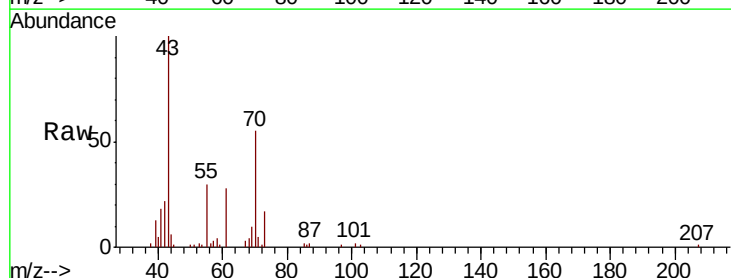
Ion Ratio Lower Upper

43 100

70 55.4 44.6 66.8

55 30.2 24.2 36.2

61 24.7 22.0 33.0



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

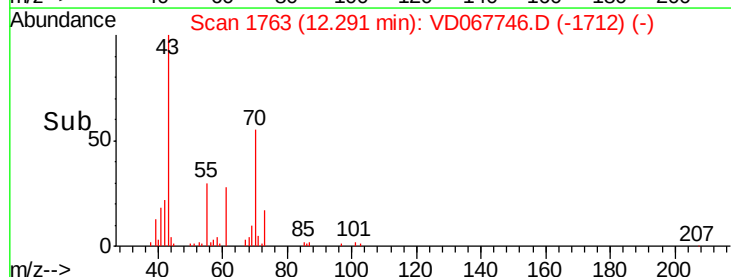
30000

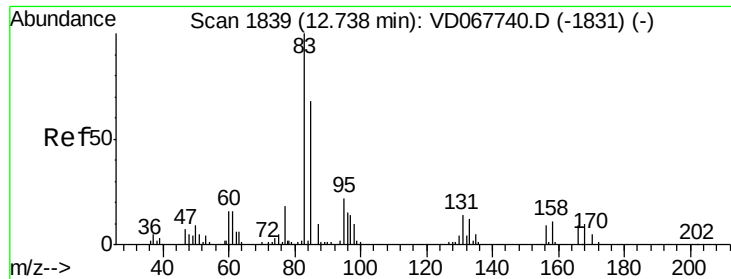
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.081 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBSD01

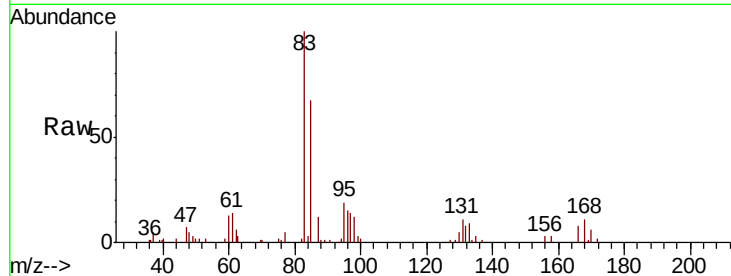
Tot Ion: 83 Resp: 34769

Ion Ratio Lower Upper

83 100

131 12.1 8.1 24.1

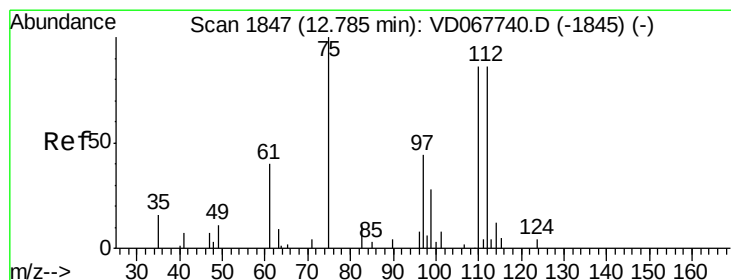
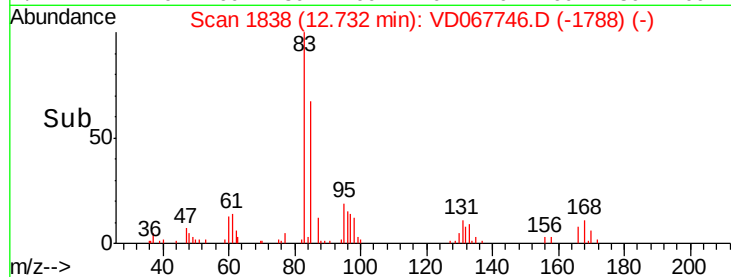
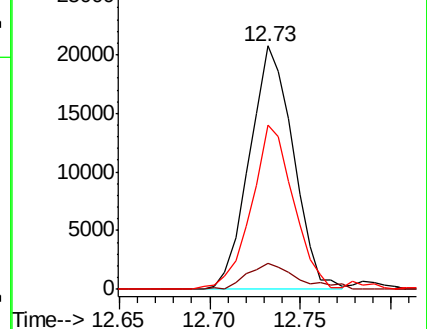
85 65.2 33.9 101.7



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: 37.192 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067746.D

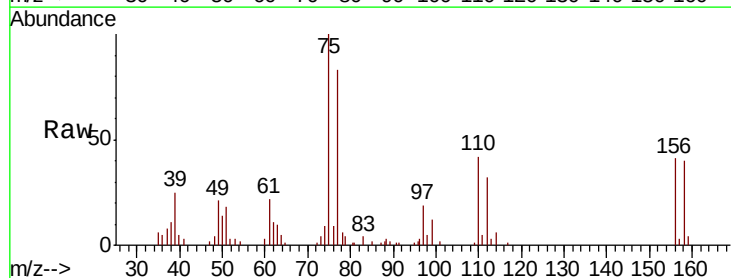
Acq: 23 Nov 2020 15:26

Tgt Ion: 75 Resp: 50826

Ion Ratio Lower Upper

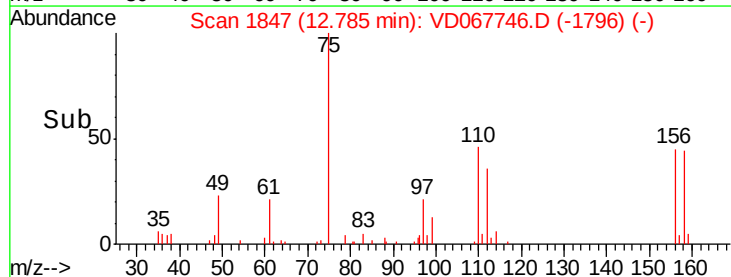
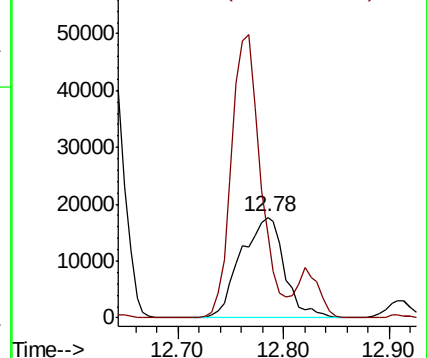
75 100

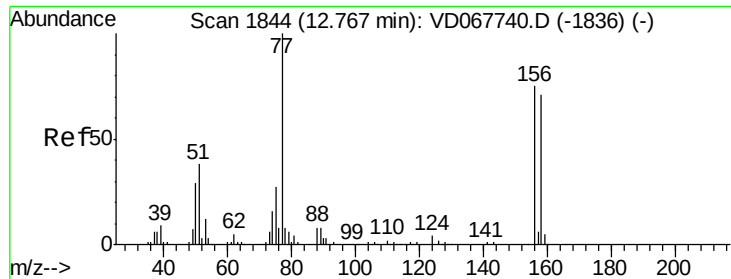
77 187.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 19.919 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBSD01

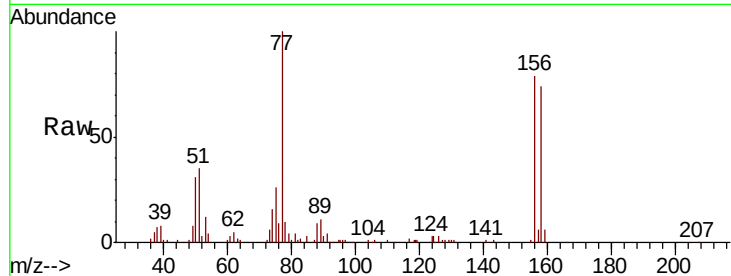
Tot Ion:156 Resp: 64327

Ion Ratio Lower Upper

156 100

77 148.3 73.5 220.3

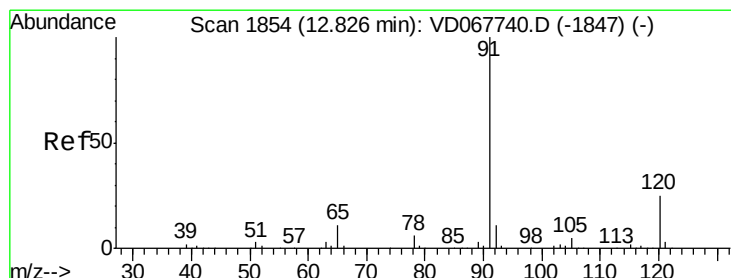
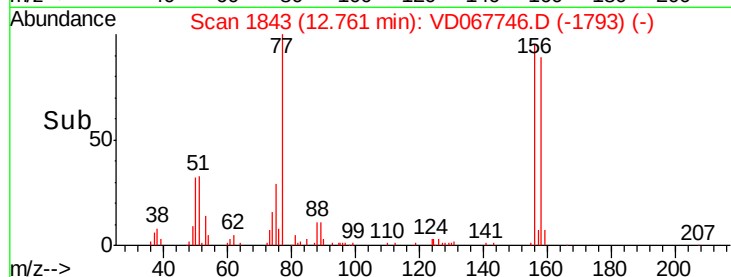
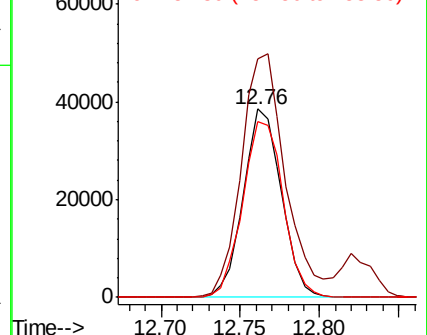
158 99.4 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.680 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067746.D

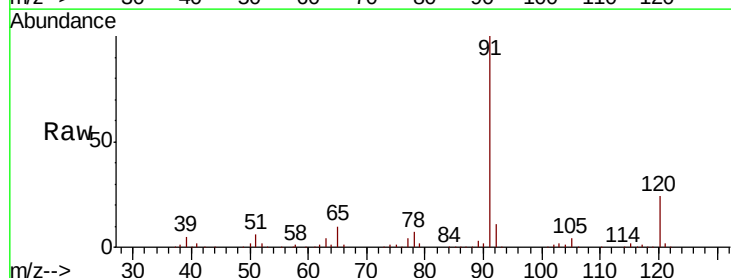
Acq: 23 Nov 2020 15:26

Tgt Ion: 91 Resp: 296825

Ion Ratio Lower Upper

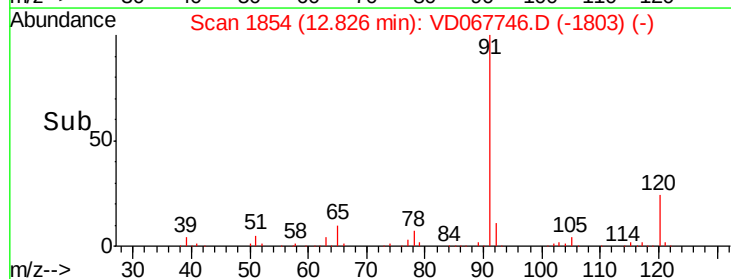
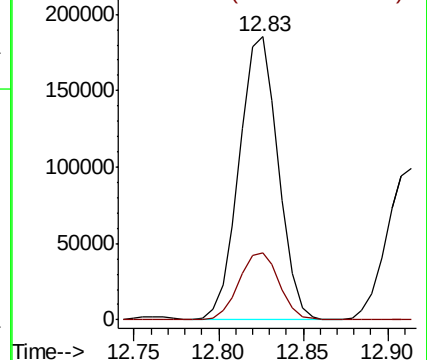
91 100

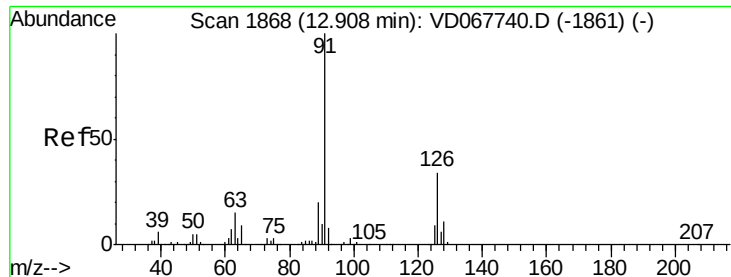
120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

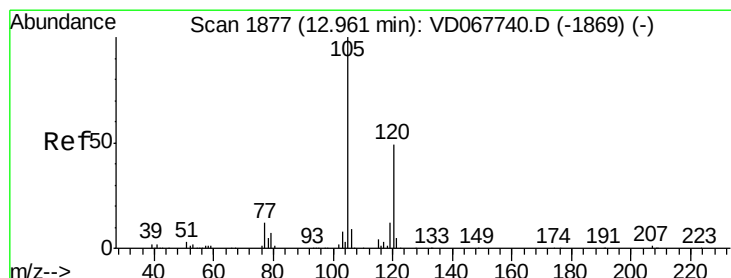
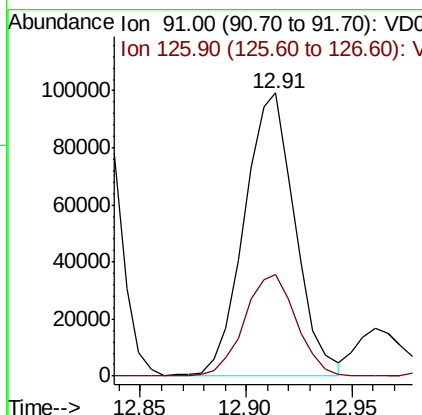
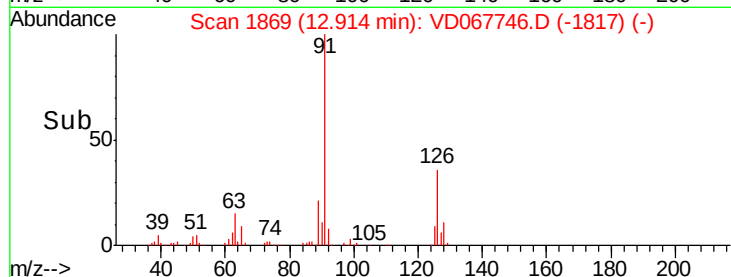
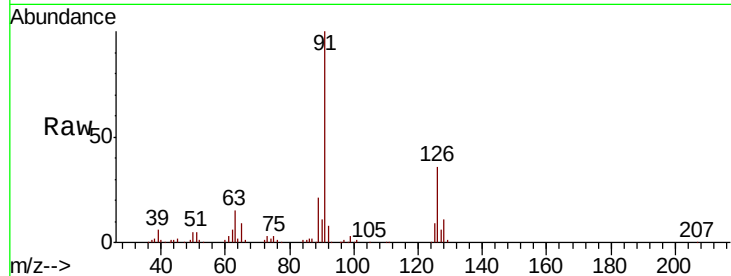




#79
 2-Chlorotoluene
 Concen: 19.372 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VD067746.D
 Acq: 23 Nov 2020 15:26

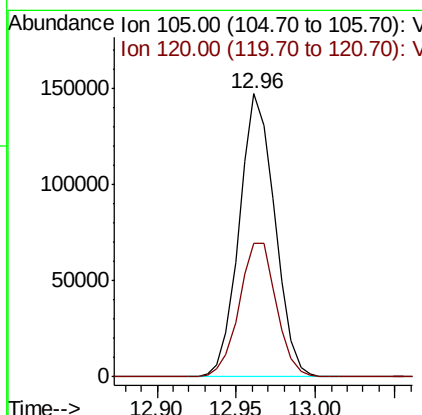
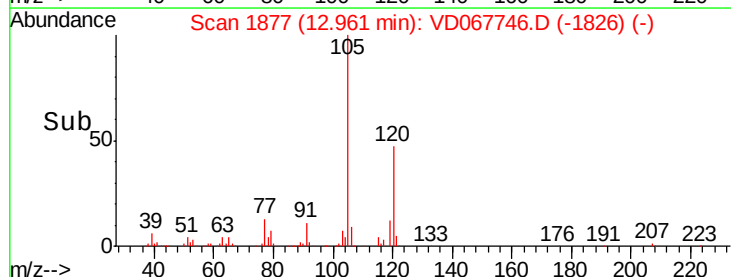
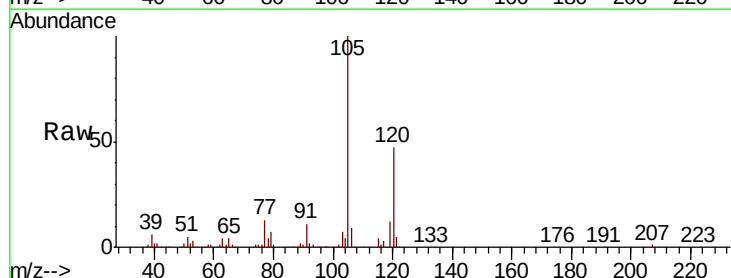
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1123SBSD01

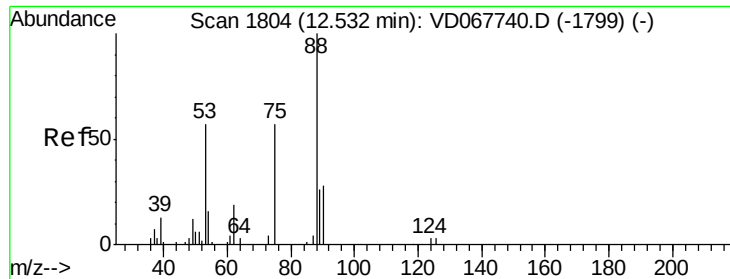
Tot Ion: 91 Resp: 164622
 Ion Ratio Lower Upper
 91 100
 126 36.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.373 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067746.D
 Acq: 23 Nov 2020 15:26

Tgt Ion: 105 Resp: 228602
 Ion Ratio Lower Upper
 105 100
 120 49.6 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 18.881 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBSD01

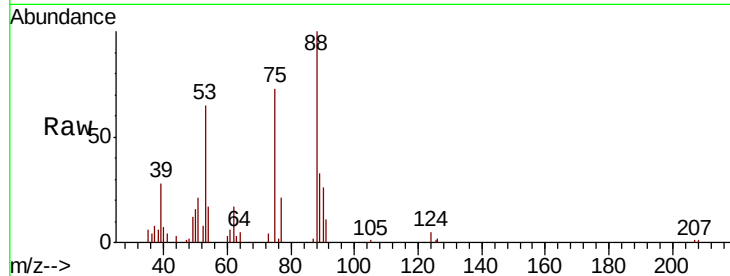
Tot Ion: 75 Resp: 11032

Ion Ratio Lower Upper

75 100

53 102.6 76.0 114.0

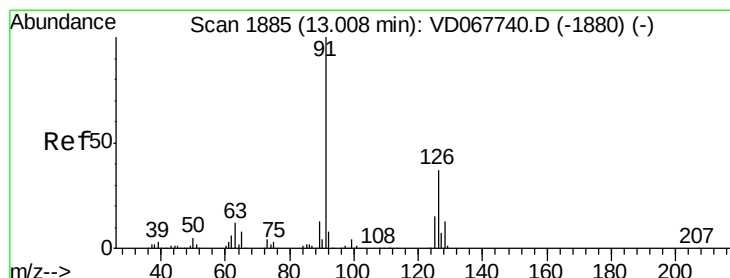
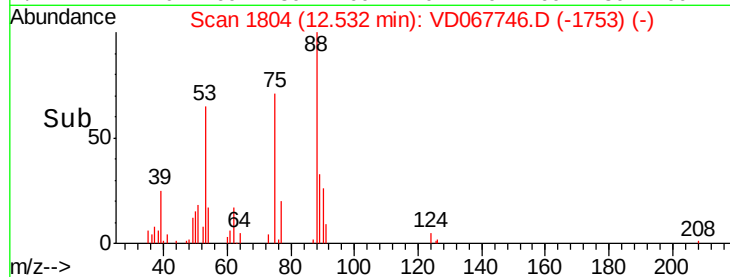
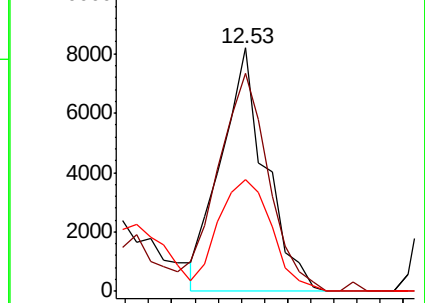
89 55.0 40.2 60.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.609 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067746.D

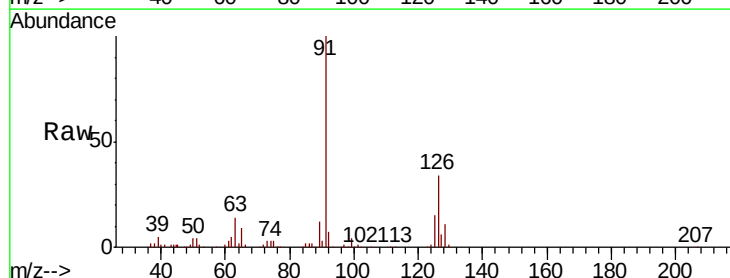
Acq: 23 Nov 2020 15:26

Tgt Ion: 91 Resp: 186615

Ion Ratio Lower Upper

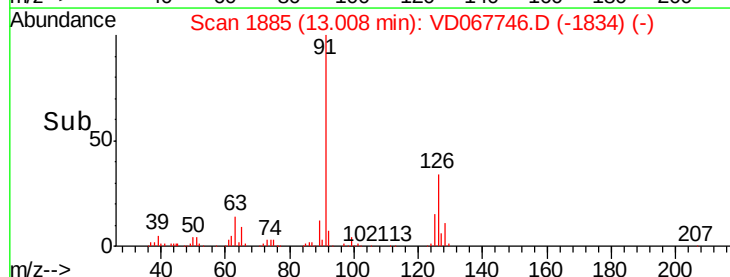
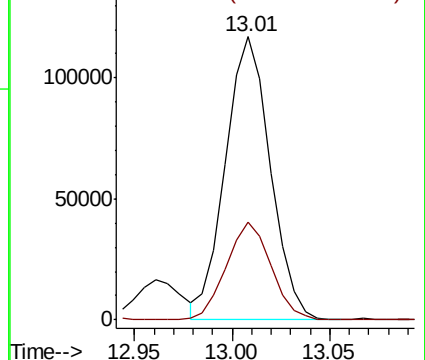
91 100

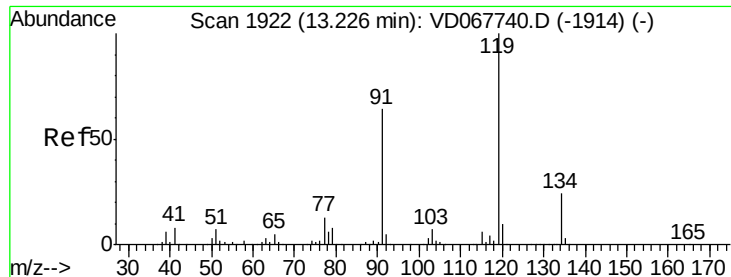
126 34.3 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.373 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBS01

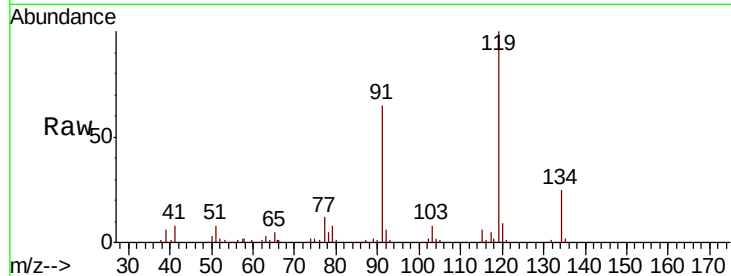
Tot Ion:119 Resp: 186804

Ion Ratio Lower Upper

119 100

91 65.9 32.9 98.7

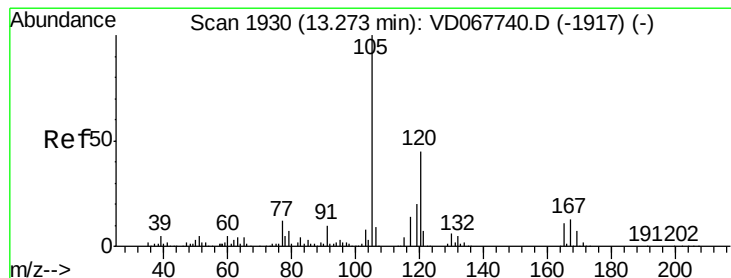
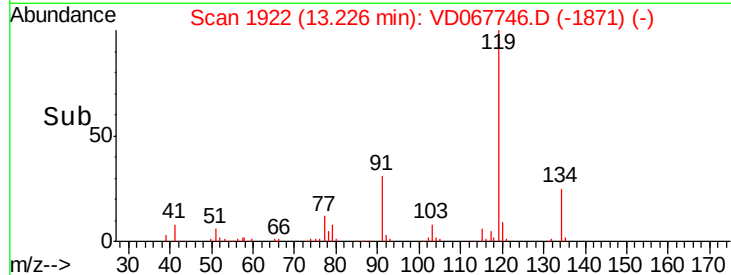
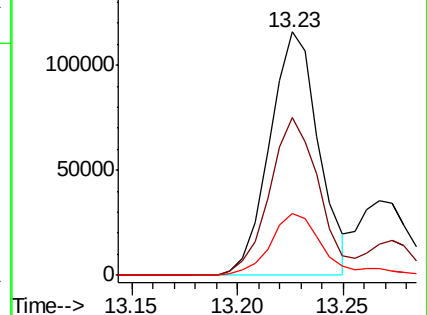
134 27.7 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.383 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067746.D

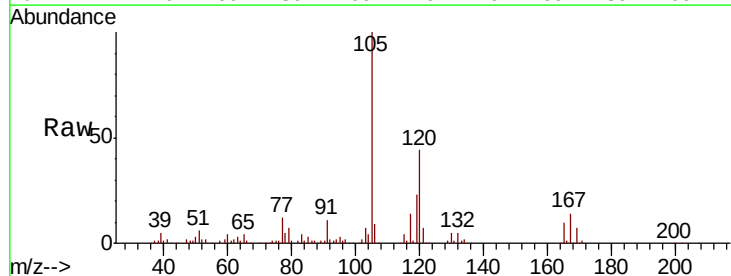
Acq: 23 Nov 2020 15:26

Tgt Ion:105 Resp: 228477

Ion Ratio Lower Upper

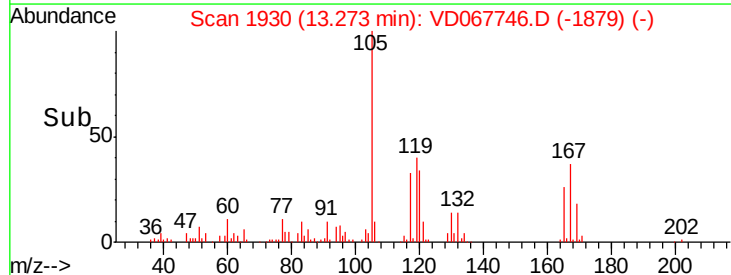
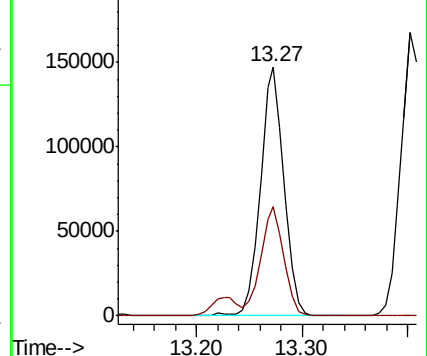
105 100

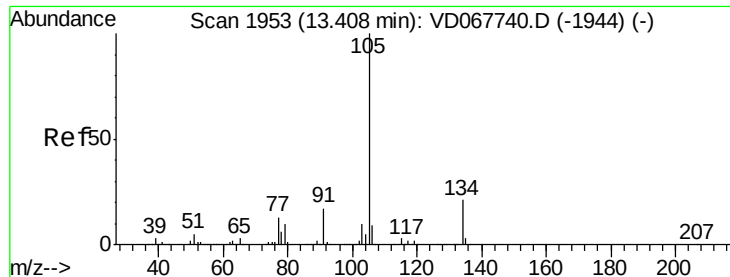
120 42.9 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.120 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

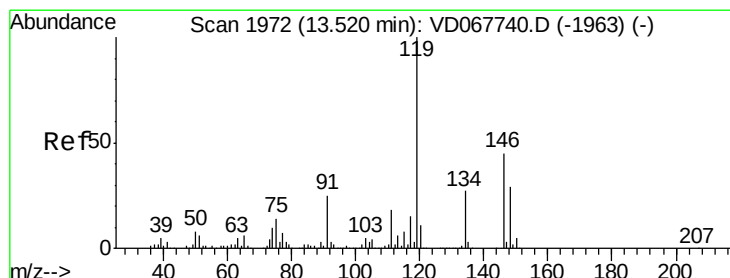
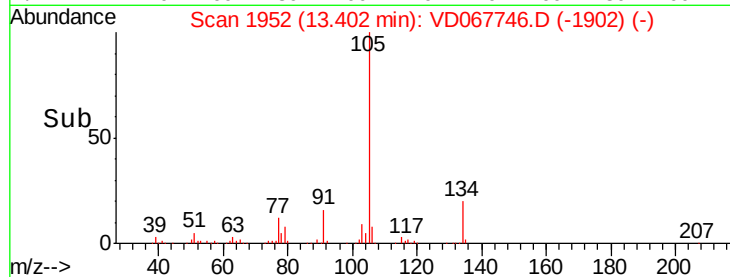
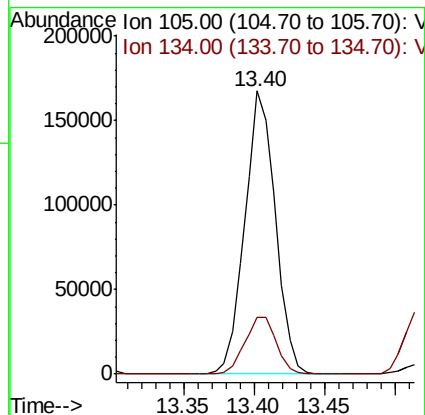
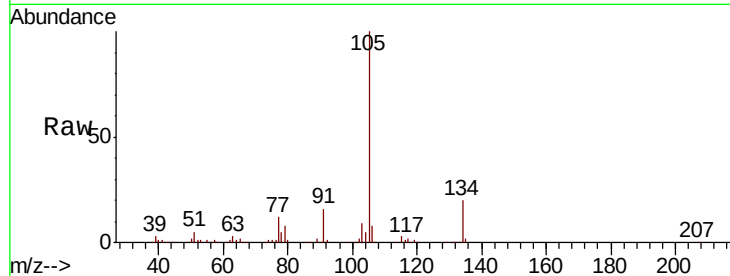
VD1123SBS01

Tot Ion:105 Resp: 254866

Ion Ratio Lower Upper

105 100

134 20.9 10.7 32.1



#86

p-Isopropyltoluene

Concen: 19.839 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

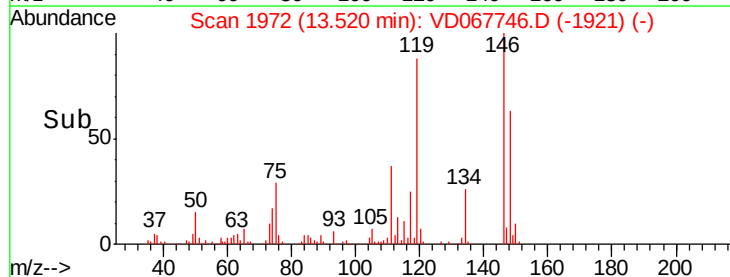
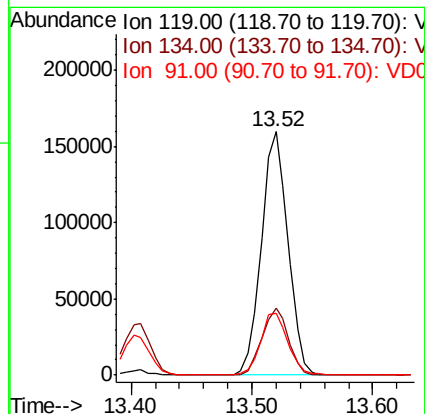
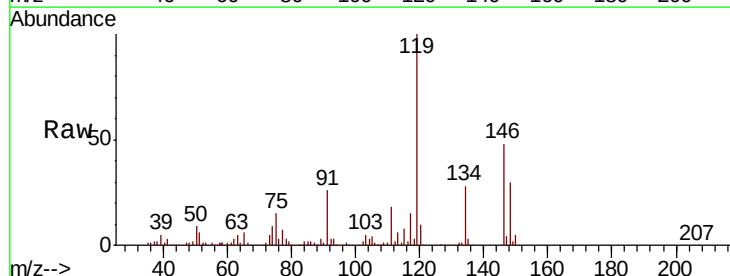
Tgt Ion:119 Resp: 243408

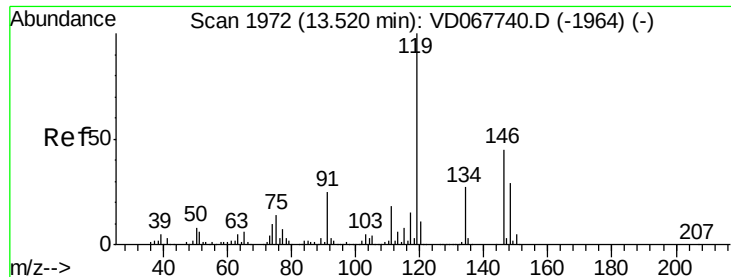
Ion Ratio Lower Upper

119 100

134 27.3 13.0 38.9

91 26.1 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 20.139 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBSD01

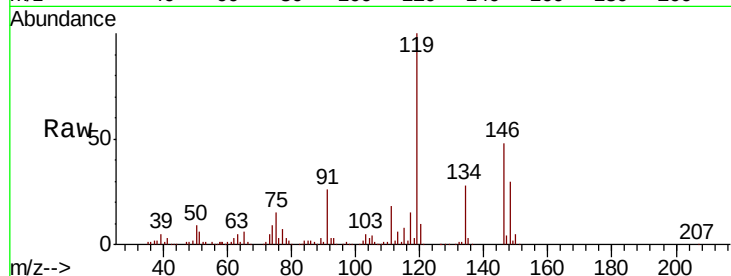
Tot Ion:146 Resp: 125875

Ion Ratio Lower Upper

146 100

111 37.1 20.2 60.6

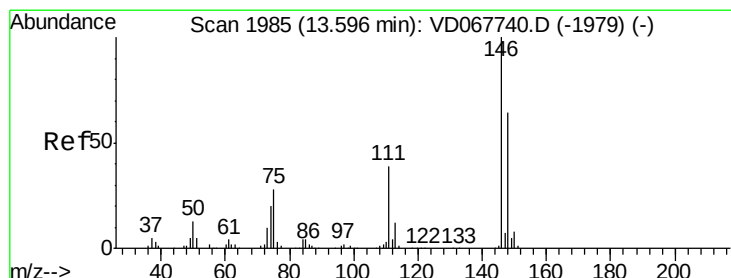
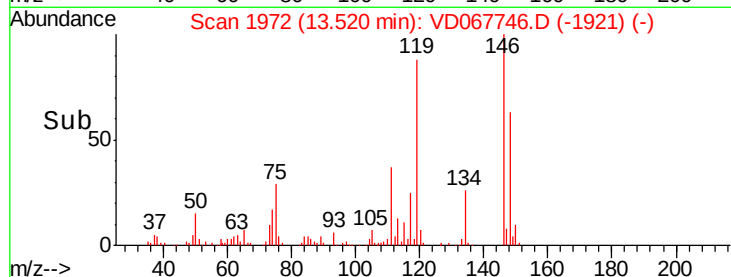
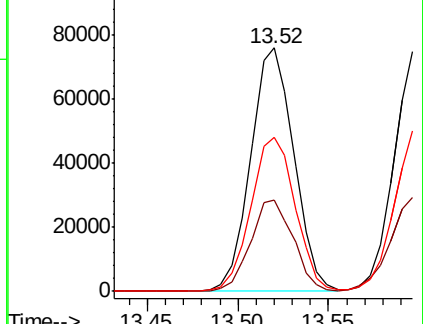
148 64.9 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.042 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

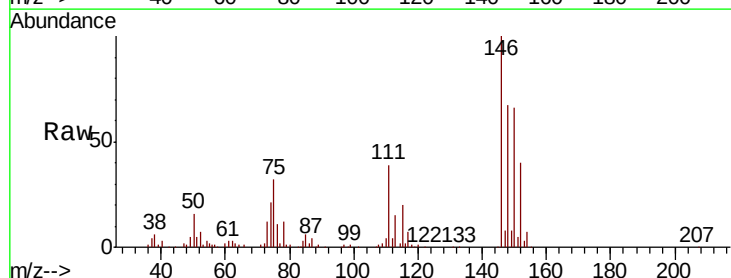
Tgt Ion:146 Resp: 124088

Ion Ratio Lower Upper

146 100

111 41.0 19.4 58.4

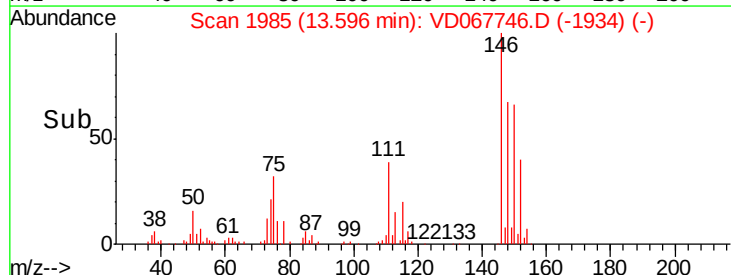
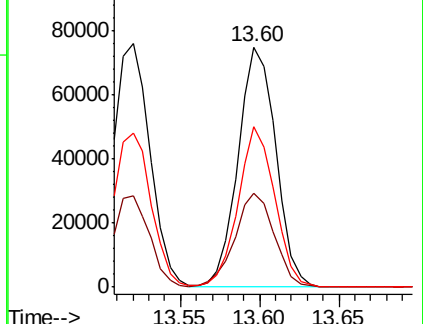
148 65.0 31.6 94.8

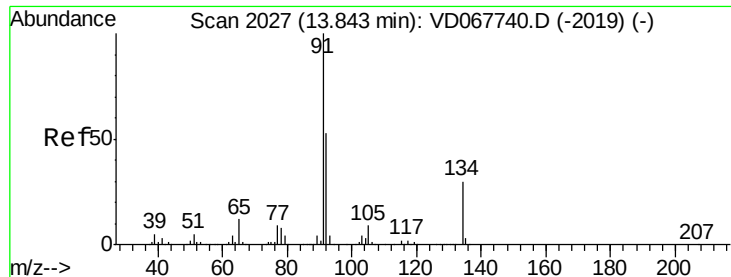


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

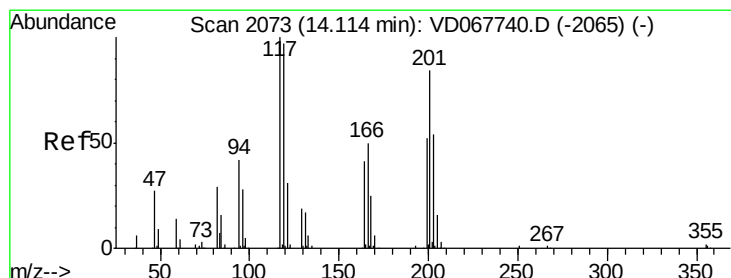
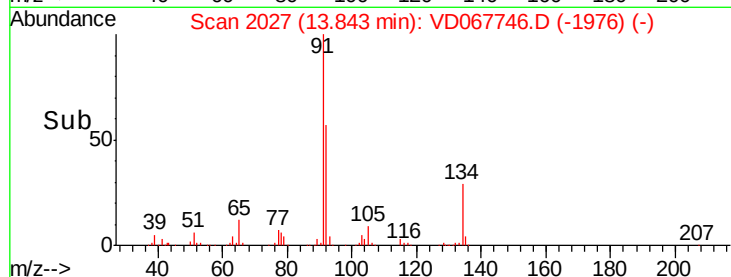
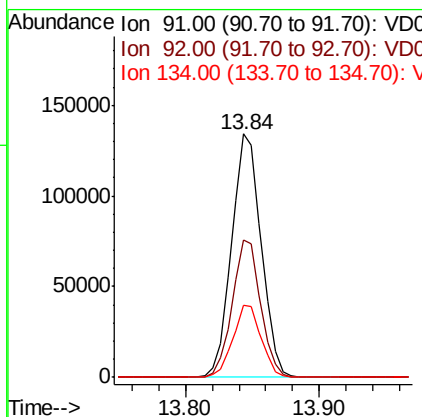
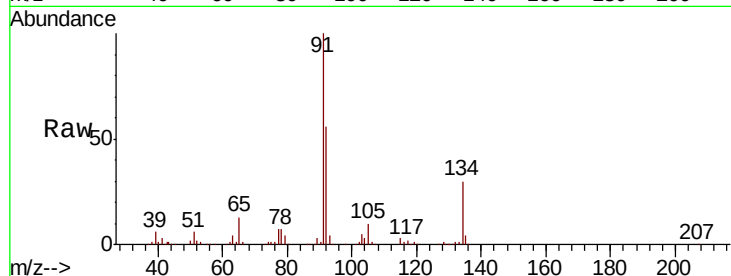




#89
n-Butylbenzene
Concen: 19.699 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

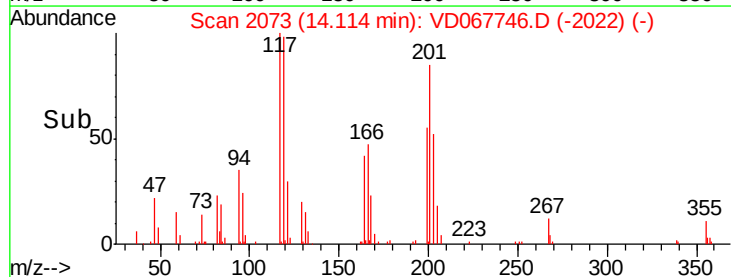
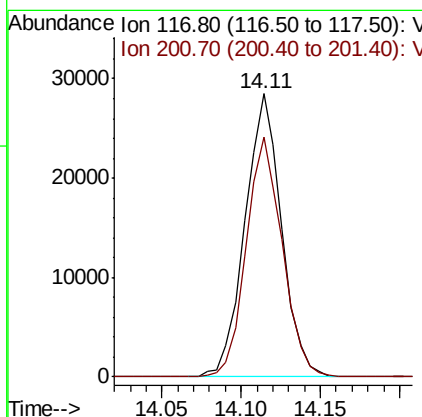
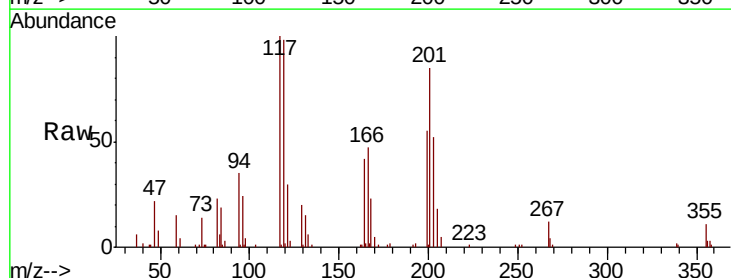
Instrument :
MSVOA_D
ClientSampleId :
VD1123SBS01

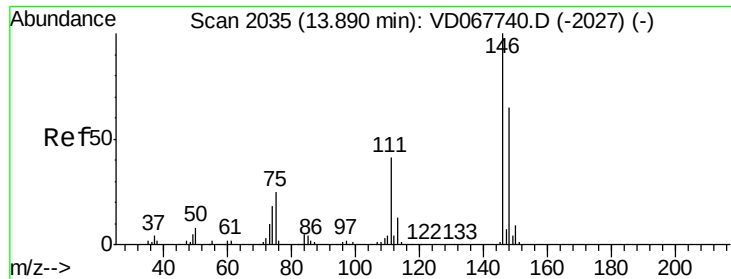
Tot Ion: 91 Resp: 207116
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.7
134 28.4 14.8 44.3



#90
Hexachloroethane
Concen: 19.478 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067746.D
Acq: 23 Nov 2020 15:26

Tgt Ion: 117 Resp: 45493
Ion Ratio Lower Upper
117 100
201 83.6 42.2 126.6

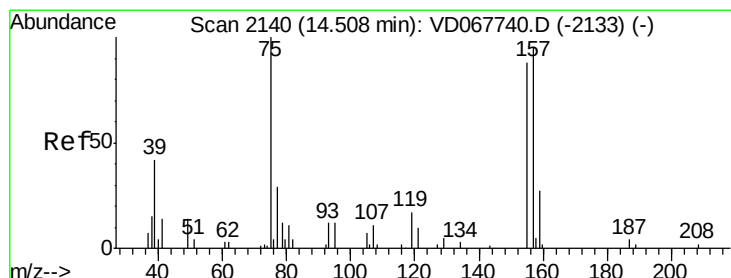
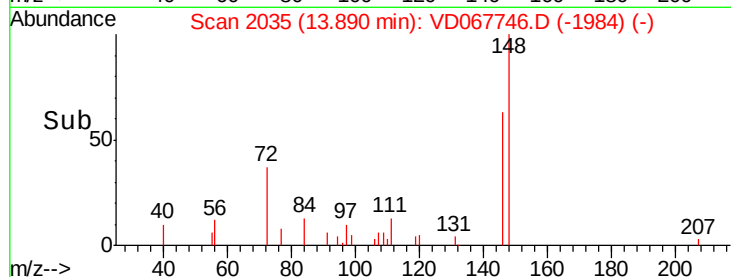
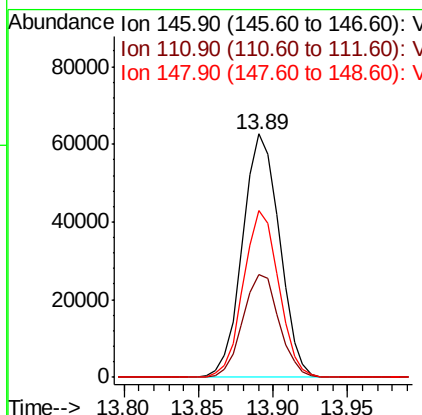
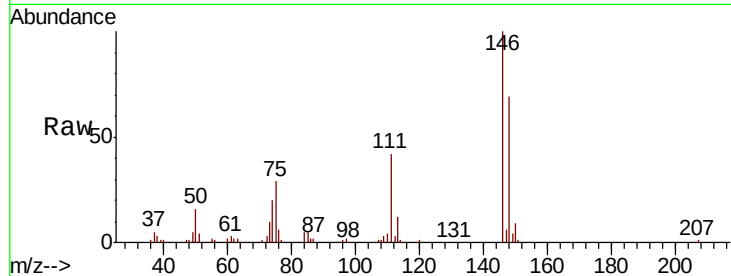




#91
 1,2-Dichlorobenzene
 Concen: 19.967 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067746.D
 Acq: 23 Nov 2020 15:26

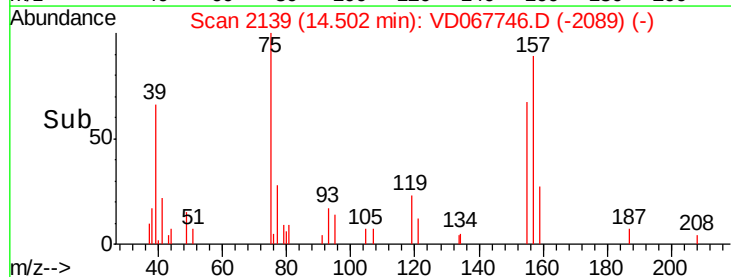
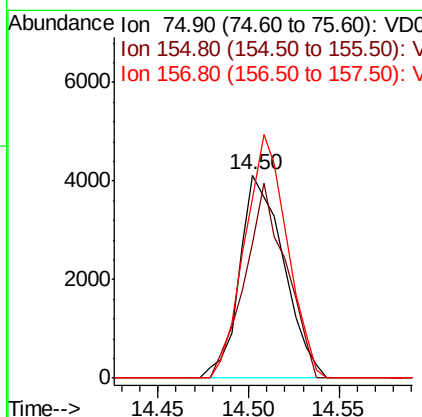
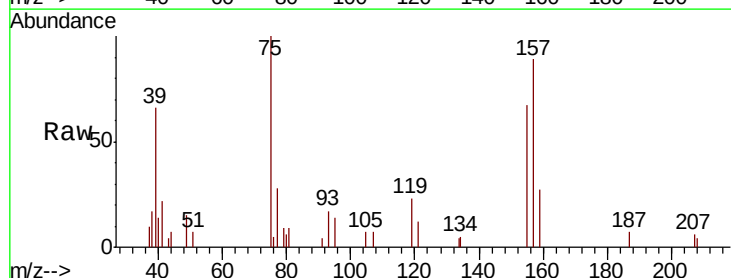
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1123SBS01

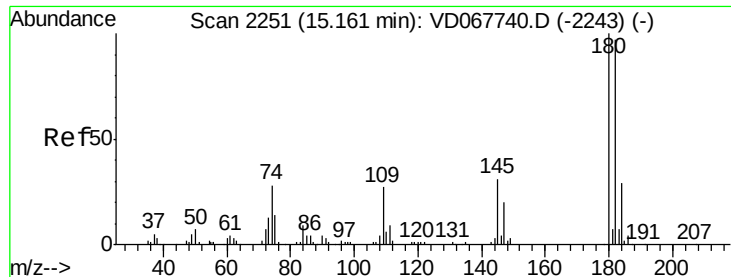
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.5
148	65.6	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.661 ug/l
 RT: 14.50 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: VD067746.D
 Acq: 23 Nov 2020 15:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	41.0	123.0
157	115.4	51.1	153.4

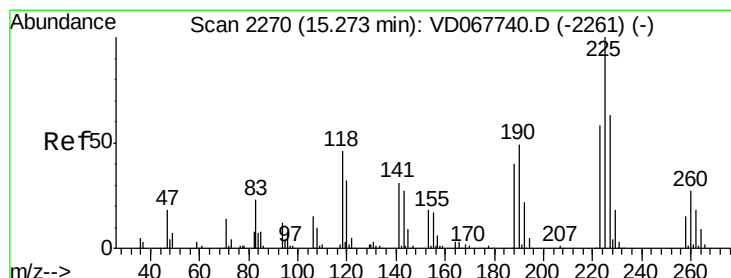
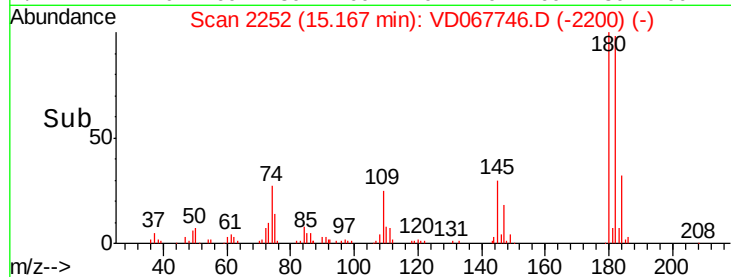
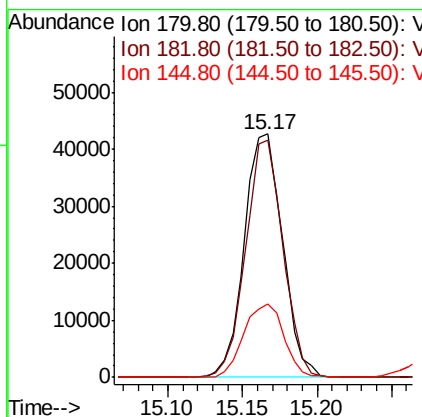
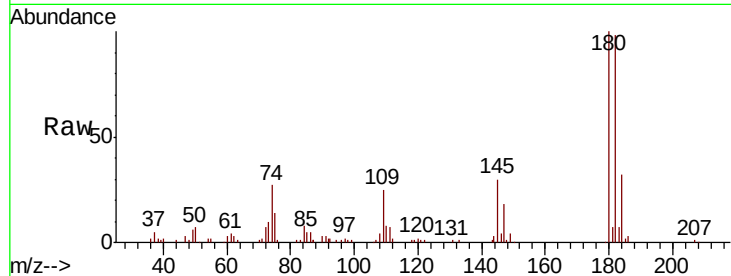




#93
 1,2,4-Trichlorobenzene
 Concen: 19.793 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067746.D
 Acq: 23 Nov 2020 15:26

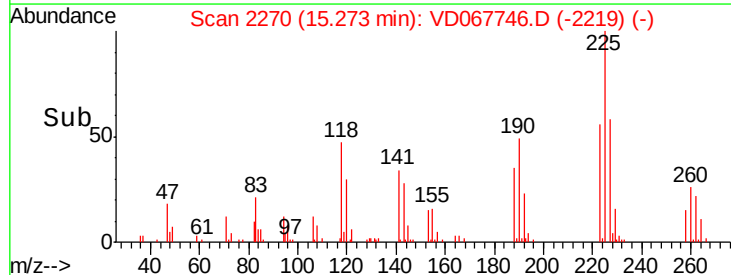
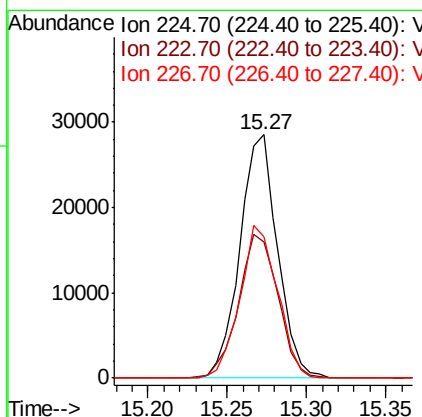
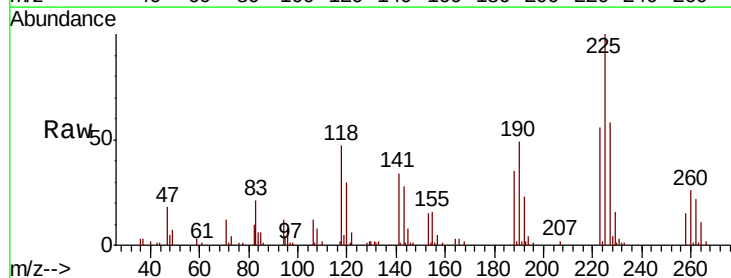
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1123SBSD01

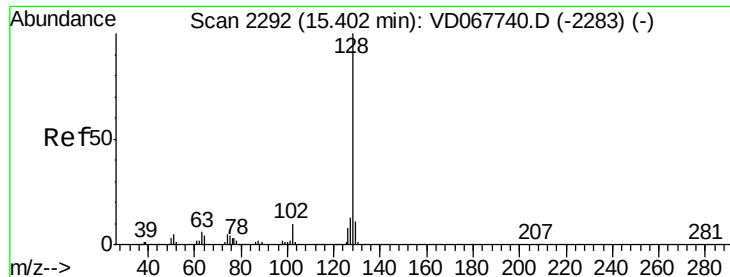
Tot Ion:180 Resp: 75456
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 31.7 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 19.303 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067746.D
 Acq: 23 Nov 2020 15:26

Tgt Ion:225 Resp: 47019
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.5 94.5
 227 62.9 32.9 98.7





#95

Naphthalene

Concen: 19.299 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD1123SBSD01

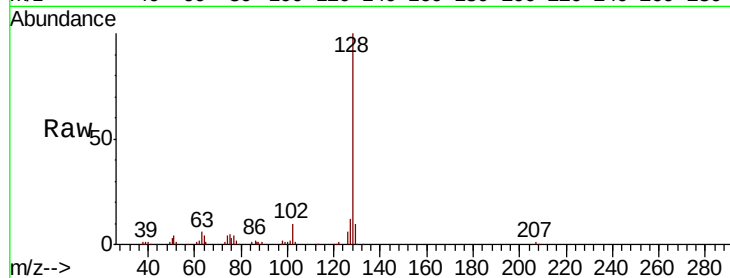
Tot Ion:128 Resp: 119074

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

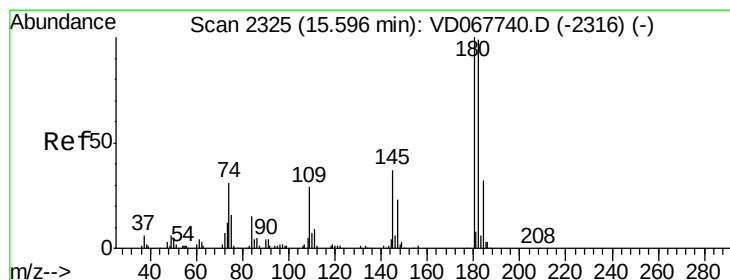
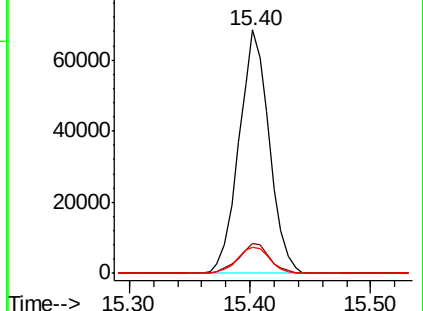
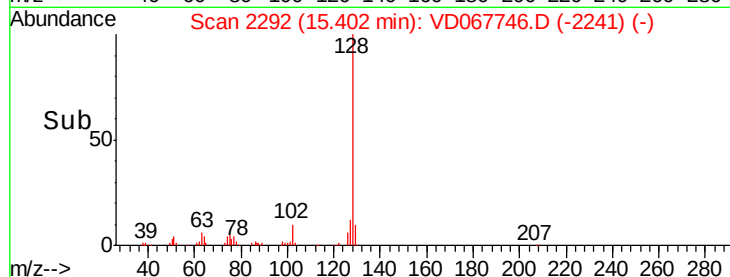
129 11.4 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.548 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD067746.D

Acq: 23 Nov 2020 15:26

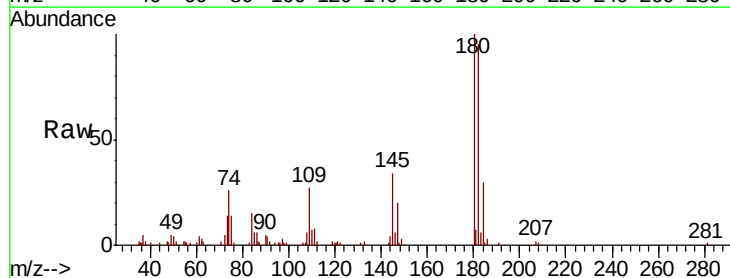
Tgt Ion:180 Resp: 63480

Ion Ratio Lower Upper

180 100

182 96.8 48.0 144.0

145 34.5 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

