

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD113020\
 Data File : VD067807.D
 Acq On : 30 Nov 2020 11:34
 Operator : VA/SY
 Sample : VD1130SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Quant Time: Nov 30 13:14:56 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	235148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	332616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	300342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	153612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	119273	52.17	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.34%
35) Dibromofluoromethane	7.91	113	109112	51.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.10%
50) Toluene-d8	10.34	98	407839	52.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.40%
62) 4-Bromofluorobenzene	12.64	95	141073	53.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.66%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	40403	19.744	ug/l	95
3) Chloromethane	2.21	50	23714	20.816	ug/l	96
4) Vinyl Chloride	2.35	62	28517	19.976	ug/l	98
5) Bromomethane	2.76	94	26715	21.965	ug/l	97
6) Chloroethane	2.92	64	19747	20.755	ug/l	91
7) Trichlorofluoromethane	3.27	101	91896	21.095	ug/l	96
8) Diethyl Ether	3.71	74	17459	19.851	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.09	101	42856	20.544	ug/l	97
10) Methyl Iodide	4.30	142	44705	20.938	ug/l	98
11) Tert butyl alcohol	5.19	59	7862	28.337	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	37445	19.399	ug/l	96
13) Acrolein	3.92	56	8889	93.797	ug/l	85
14) Allyl chloride	4.72	41	35760	19.165	ug/l	87
15) Acrylonitrile	5.42	53	28153	91.904	ug/l	99
16) Acetone	4.16	43	29106	98.541	ug/l #	84
17) Carbon Disulfide	4.41	76	110537	19.800	ug/l	100
18) Methyl Acetate	4.71	43	10834	18.232	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	79722	19.325	ug/l	98
20) Methylene Chloride	4.97	84	50175	17.779	ug/l	94
21) trans-1,2-Dichloroethene	5.48	96	44572	20.311	ug/l	91
22) Diisopropyl ether	6.37	45	74719	20.287	ug/l	93
23) Vinyl Acetate	6.31	43	197534	95.077	ug/l	98
24) 1,1-Dichloroethane	6.27	63	63919	20.470	ug/l	96
25) 2-Butanone	7.21	43	30042	90.638	ug/l	93
26) 2,2-Dichloropropane	7.20	77	78245	21.240	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	47620	20.358	ug/l	98
28) Bromochloromethane	7.56	49	18955	18.950	ug/l	98
29) Tetrahydrofuran	7.57	42	17472	92.715	ug/l	92
30) Chloroform	7.71	83	87681	21.473	ug/l	92
31) Cyclohexane	7.98	56	53193	19.228	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	90244	20.868	ug/l	99
36) 1,1-Dichloropropene	8.11	75	60265	21.114	ug/l	98
37) Ethyl Acetate	7.29	43	13342	17.384	ug/l #	78
38) Carbon Tetrachloride	8.10	117	90588	21.895	ug/l	96

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 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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 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)
39) Methylcyclohexane	9.36	83	68904	20.399	ug/l	98
40) Benzene	8.36	78	161302	20.577	ug/l	99
41) Methacrylonitrile	7.53	41	8418	21.480	ug/l #	85
42) 1,2-Dichloroethane	8.43	62	56218	21.136	ug/l	99
43) Isopropyl Acetate	8.46	43	29312	19.125	ug/l	95
44) Trichloroethene	9.12	130	55252	21.267	ug/l	89
45) 1,2-Dichloropropane	9.39	63	32802	20.393	ug/l	99
46) Dibromomethane	9.48	93	22219	20.290	ug/l	96
47) Bromodichloromethane	9.67	83	64491	21.149	ug/l #	98
48) Methyl methacrylate	9.46	41	14779	19.288	ug/l	97
49) 1,4-Dioxane	9.47	88	4304	362.668	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	69625	96.540	ug/l	99
52) Toluene	10.41	92	115417	21.704	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	54400	20.419	ug/l	93
54) cis-1,3-Dichloropropene	10.10	75	63217	20.967	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	28296	19.258	ug/l	92
56) Ethyl methacrylate	10.67	69	30737	20.205	ug/l	99
57) 1,3-Dichloropropane	10.95	76	47792	20.629	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	60450	85.046	ug/l	98
59) 2-Hexanone	10.99	43	49709	97.623	ug/l	99
60) Dibromochloromethane	11.14	129	47631	21.273	ug/l	98
61) 1,2-Dibromoethane	11.25	107	29083	20.088	ug/l	97
64) Tetrachloroethene	10.88	164	50767	21.778	ug/l	94
65) Chlorobenzene	11.67	112	126644	21.454	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	49880	20.890	ug/l	98
67) Ethyl Benzene	11.75	91	219165	21.506	ug/l	99
68) m/p-Xylenes	11.86	106	174820	44.083	ug/l	99
69) o-Xylene	12.18	106	77039	21.336	ug/l	95
70) Styrene	12.20	104	138049	22.446	ug/l	98
71) Bromoform	12.37	173	27311	21.069	ug/l #	95
73) Isopropylbenzene	12.48	105	225613	22.322	ug/l	100
74) N-amyl acetate	12.29	43	25841	19.388	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.74	83	26927	19.852	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	40446	37.779	ug/l #	100
77) Bromobenzene	12.76	156	54242	21.439	ug/l	100
78) n-propylbenzene	12.83	91	246946	21.961	ug/l	99
79) 2-Chlorotoluene	12.91	91	146374	21.986	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	194446	22.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	9314	20.348	ug/l	88
82) 4-Chlorotoluene	13.01	91	150188	21.172	ug/l	96
83) tert-Butylbenzene	13.23	119	167354	22.155	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	193131	21.993	ug/l	100
85) sec-Butylbenzene	13.41	105	219631	22.132	ug/l	98
86) p-Isopropyltoluene	13.52	119	212082	22.064	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	104059	21.252	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	101394	20.904	ug/l	97
89) n-Butylbenzene	13.85	91	172755	20.973	ug/l	98
90) Hexachloroethane	14.11	117	39212	21.430	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	89364	21.186	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5846	19.991	ug/l	92

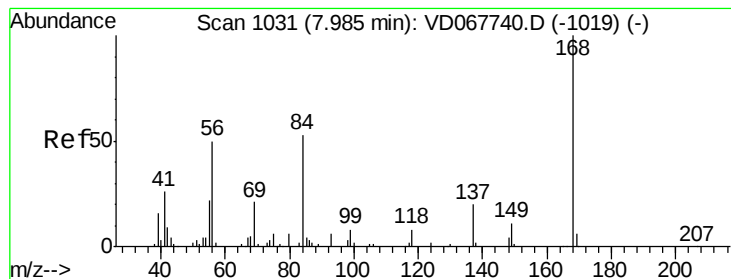
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD113020\
Data File : VD067807.D
Acq On : 30 Nov 2020 11:34
Operator : VA/SY
Sample : VD1130SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

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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	63838	21.375	ug/l	98
94) Hexachlorobutadiene	15.27	225	41450	21.722	ug/l	96
95) Naphthalene	15.41	128	95042	19.663	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	52394	20.595	ug/l	100

(#) = 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: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

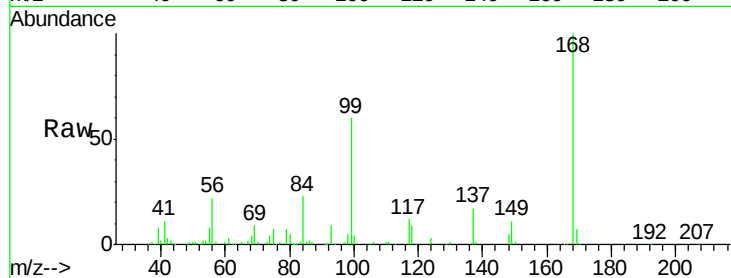
VD1130SBSD01

Tgt Ion:168 Resp: 235148

Ion Ratio Lower Upper

168 100

99 59.5 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

120000

100000

80000

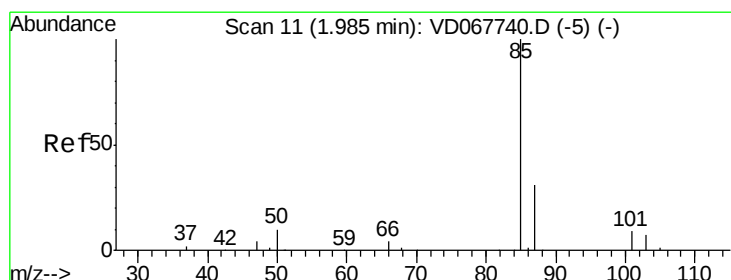
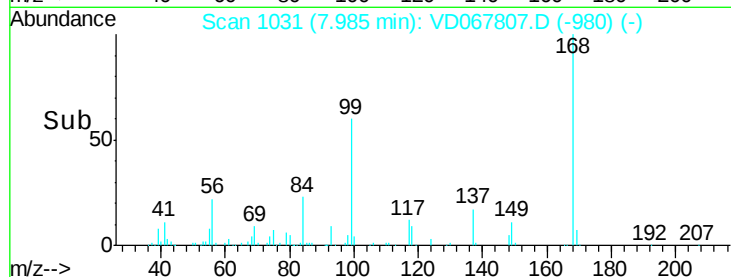
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.744 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067807.D

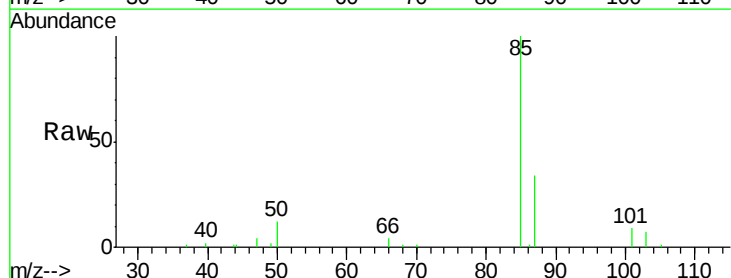
Acq: 30 Nov 2020 11:34

Tgt Ion: 85 Resp: 40403

Ion Ratio Lower Upper

85 100

87 33.6 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

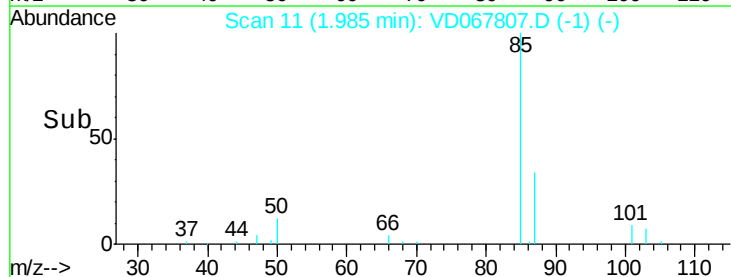
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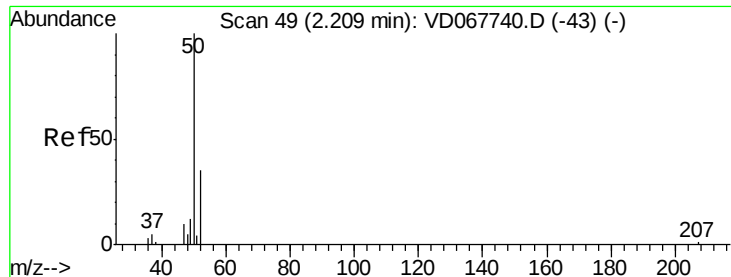
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Time-->

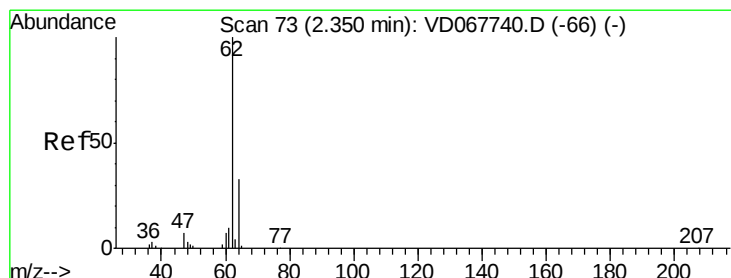
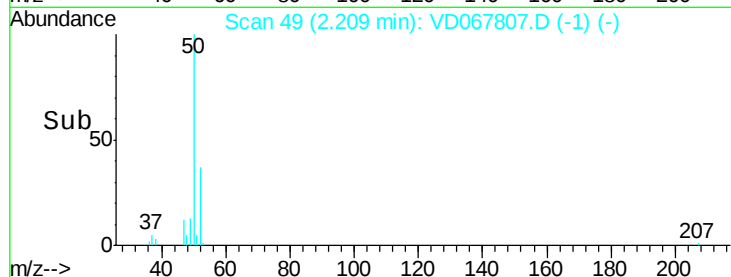
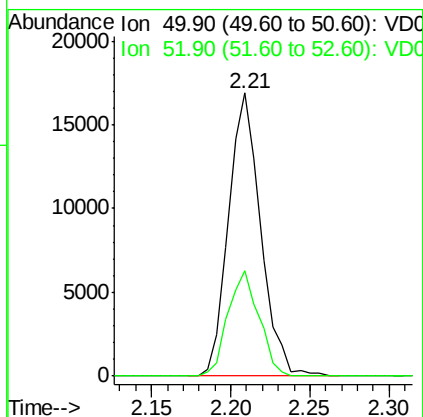
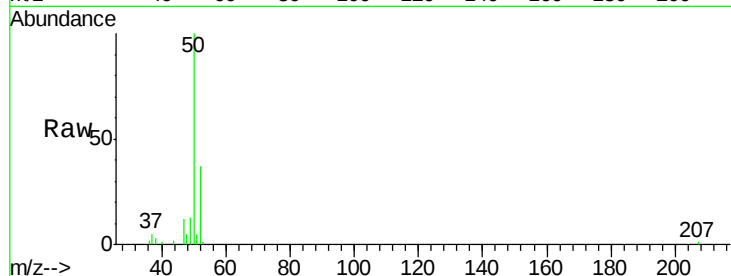




#3
Chloromethane
Concen: 20.816 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

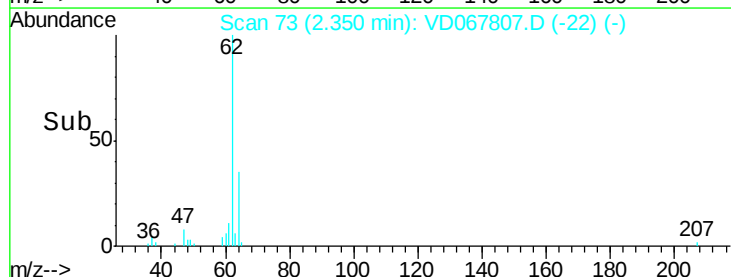
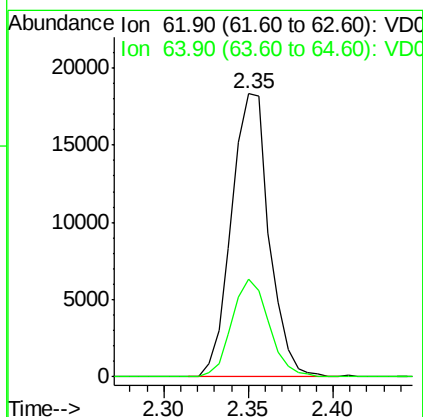
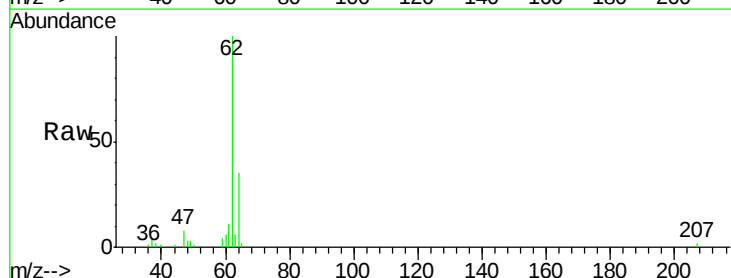
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

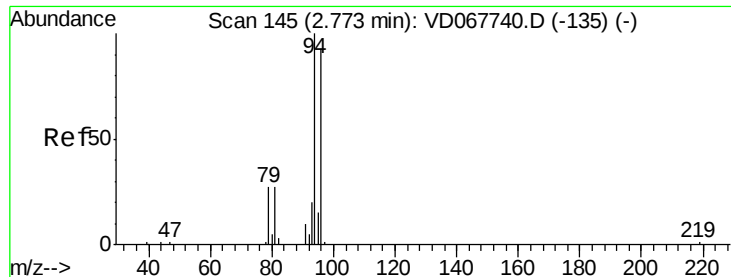
Tgt Ion: 50 Resp: 23714
Ion Ratio Lower Upper
50 100
52 37.4 27.8 41.8



#4
Vinyl Chloride
Concen: 19.976 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 62 Resp: 28517
Ion Ratio Lower Upper
62 100
64 34.6 26.6 40.0





#5

Bromomethane

Concen: 21.965 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

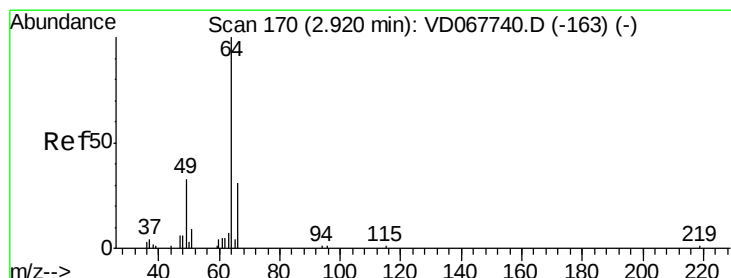
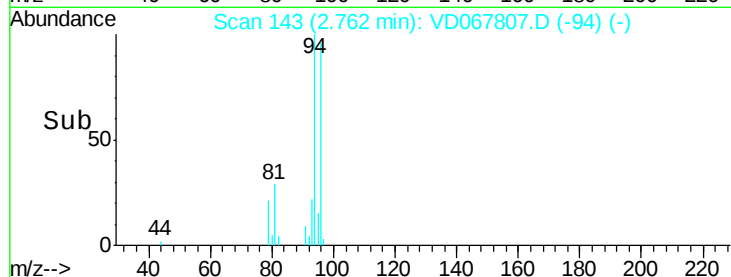
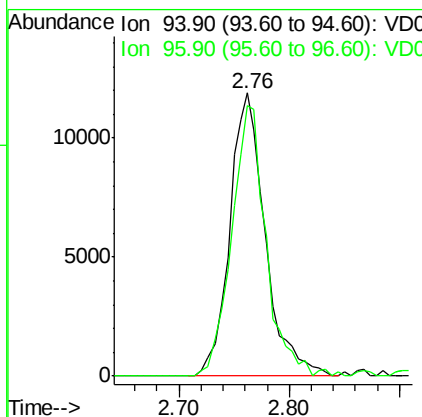
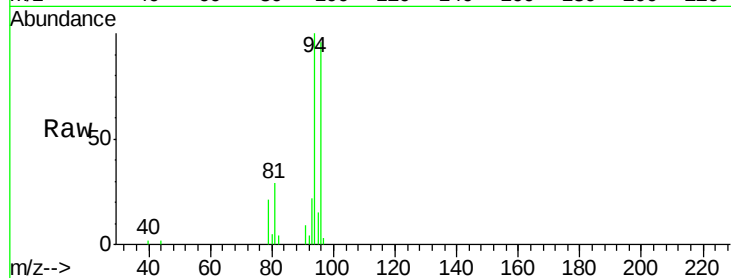
VD1130SBSD01

Tgt Ion: 94 Resp: 26715

Ion Ratio Lower Upper

94 100

96 95.7 74.0 111.0



#6

Chloroethane

Concen: 20.755 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067807.D

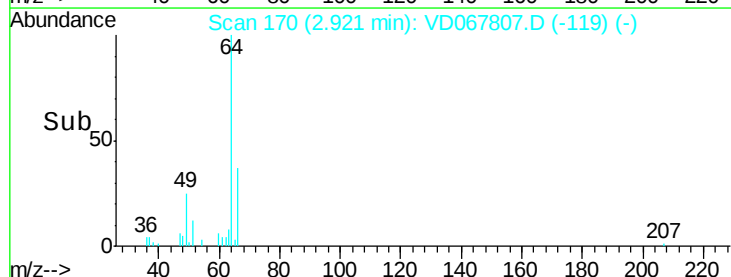
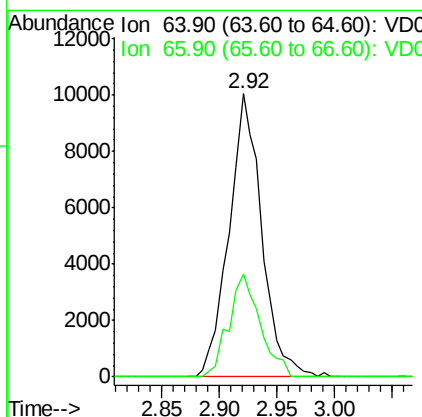
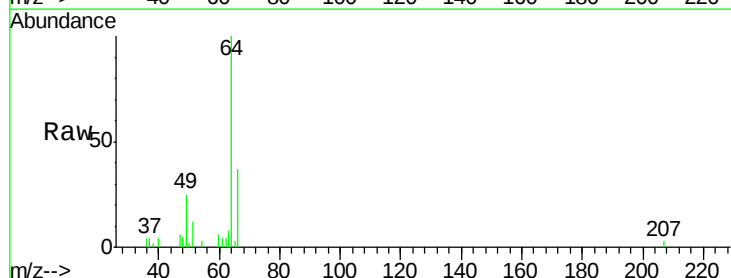
Acq: 30 Nov 2020 11:34

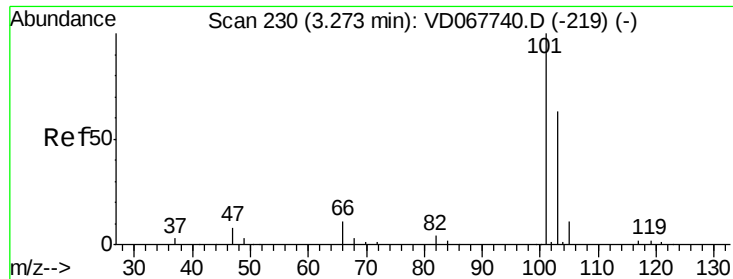
Tgt Ion: 64 Resp: 19747

Ion Ratio Lower Upper

64 100

66 36.6 25.1 37.7



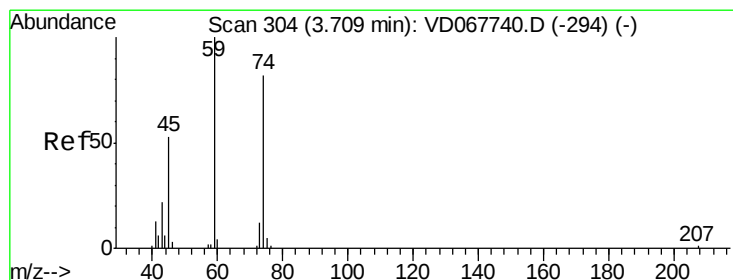
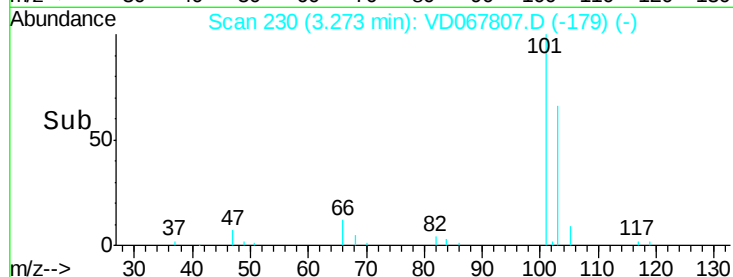
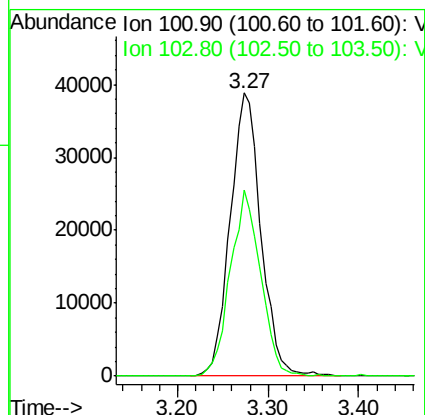
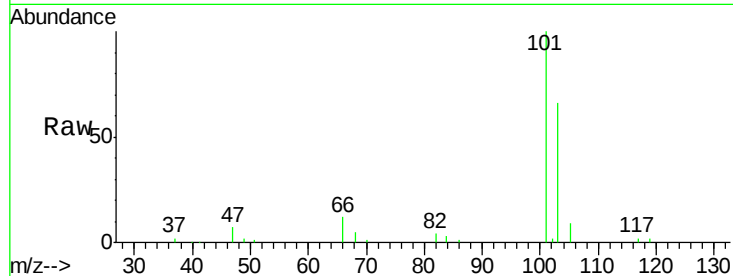


#7

Trichlorofluoromethane
 Concen: 21.095 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBSD01

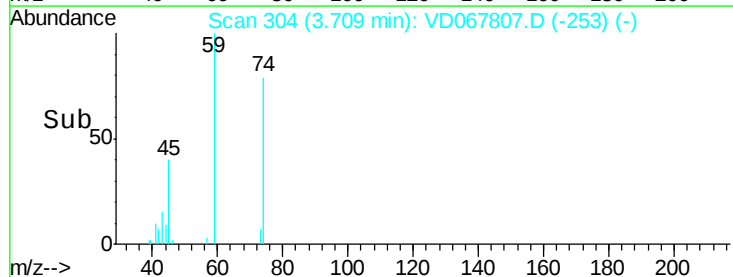
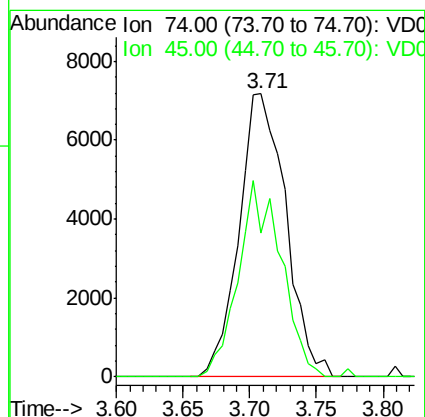
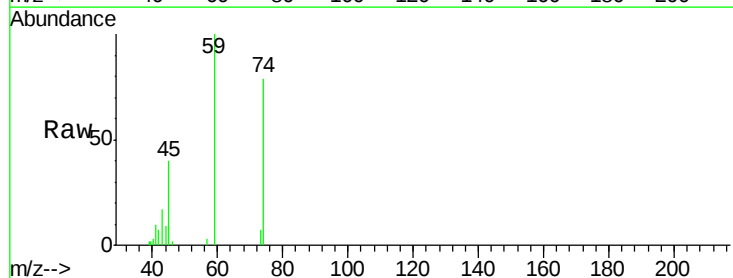
Tgt Ion:101 Resp: 91896
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.3 75.5

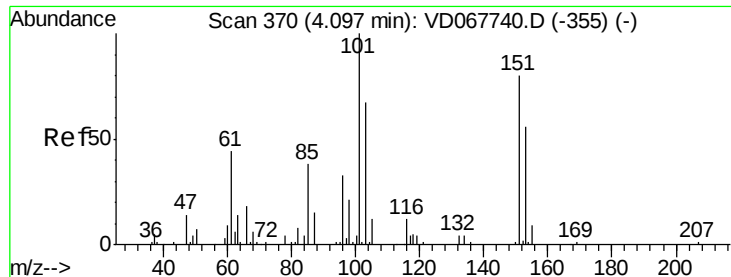


#8

Diethyl Ether
 Concen: 19.851 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion: 74 Resp: 17459
 Ion Ratio Lower Upper
 74 100
 45 63.4 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.544 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBSD01

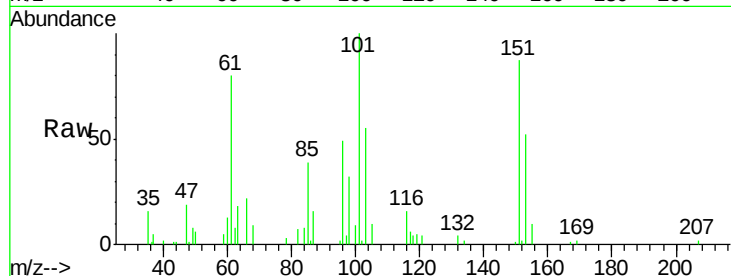
Tgt Ion:101 Resp: 42856

Ion Ratio Lower Upper

101 100

85 42.6 35.5 53.3

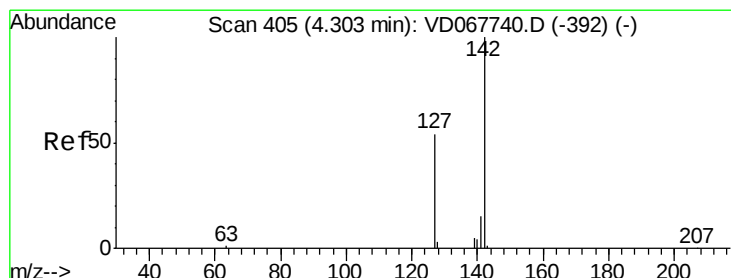
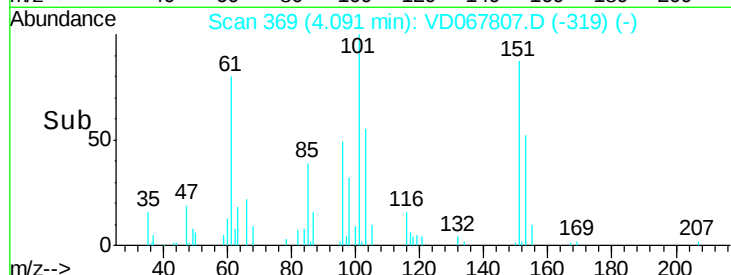
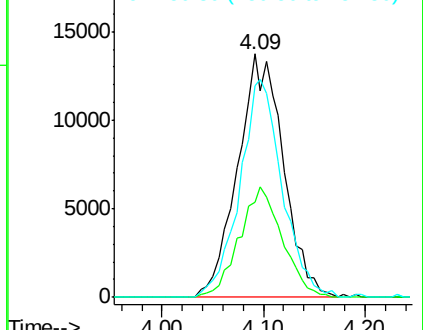
151 83.6 69.4 104.0



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: 20.938 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

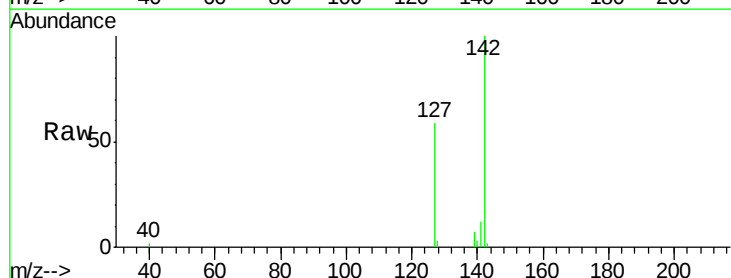
Tgt Ion:142 Resp: 44705

Ion Ratio Lower Upper

142 100

127 54.4 42.2 63.2

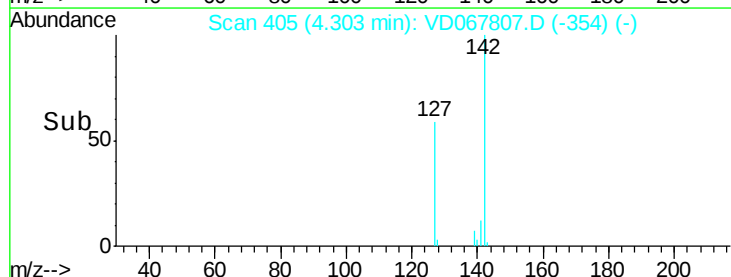
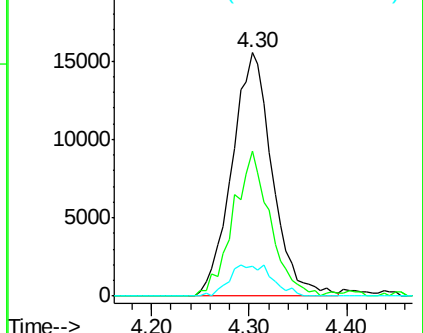
141 13.5 11.8 17.6

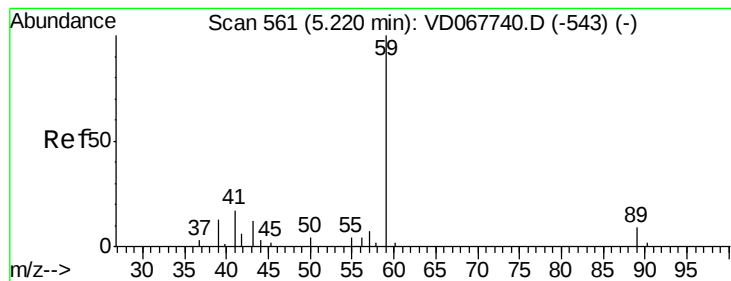


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



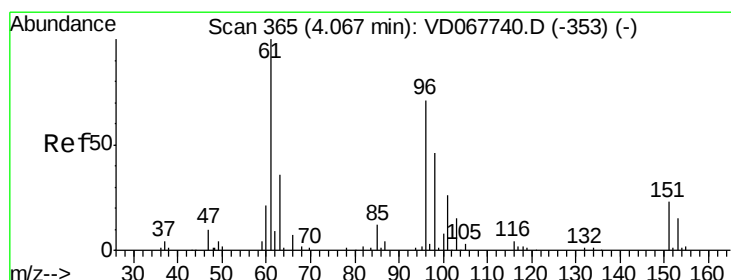
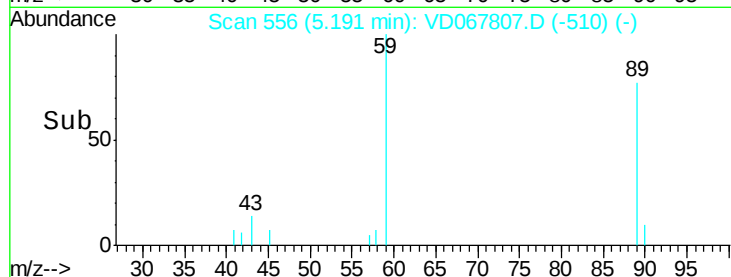
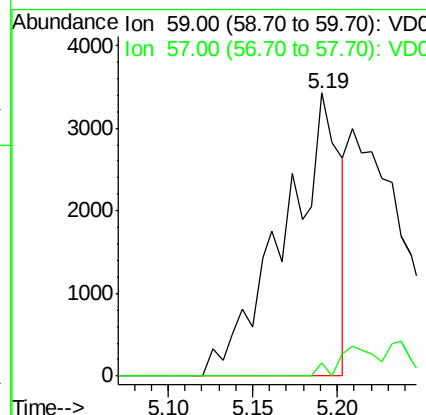
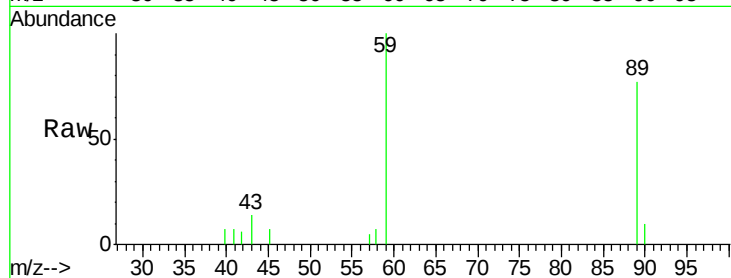


#11

Tert butyl alcohol
Concen: 28.337 ug/l
RT: 5.19 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

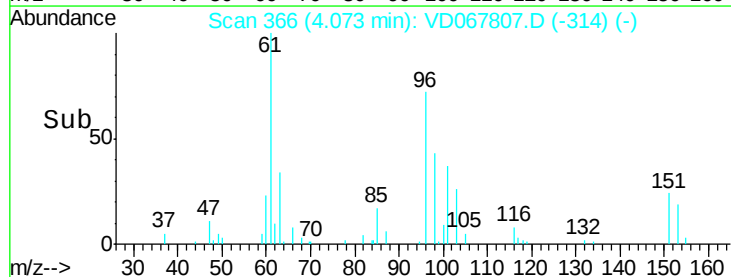
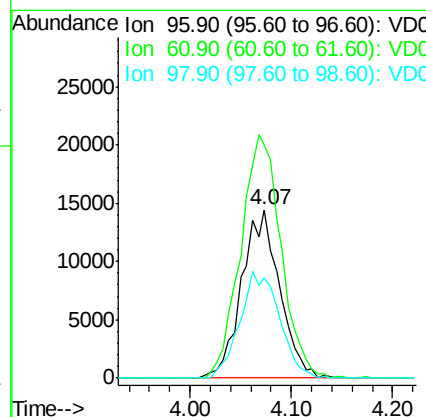
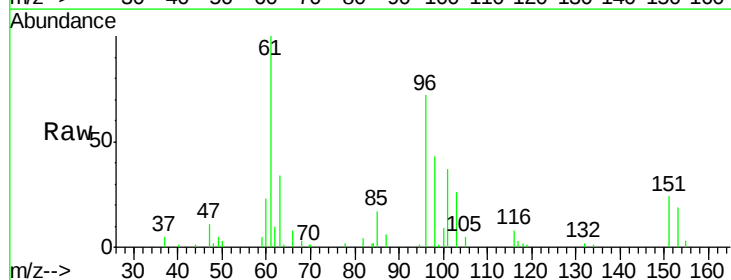
Tgt Ion: 59 Resp: 7862
Ion Ratio Lower Upper
59 100
57 7.0 3.4 5.0#

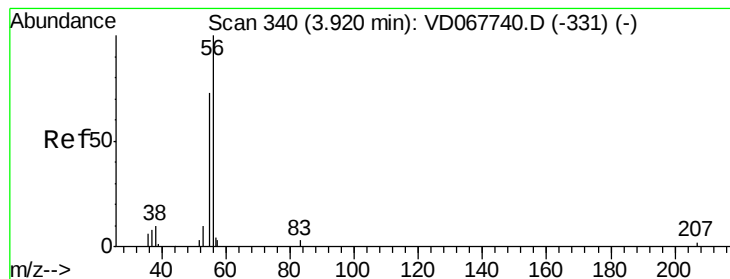


#12

1,1-Dichloroethene
Concen: 19.399 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 96 Resp: 37445
Ion Ratio Lower Upper
96 100
61 138.4 112.9 169.3
98 59.8 52.4 78.6





#13

Acrolein

Concen: 93.797 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

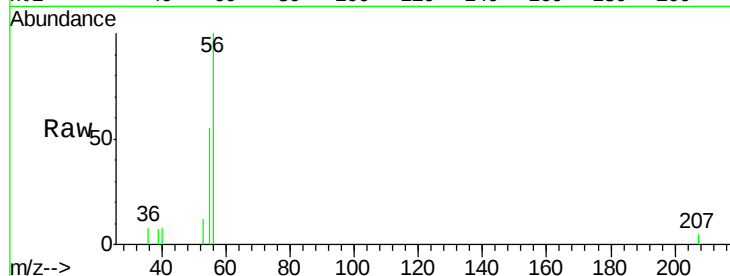
VD1130SBSD01

Tgt Ion: 56 Resp: 8889

Ion Ratio Lower Upper

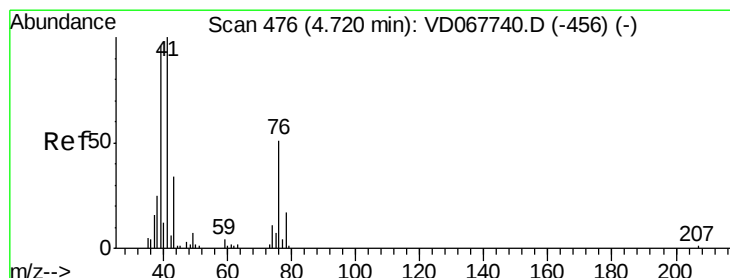
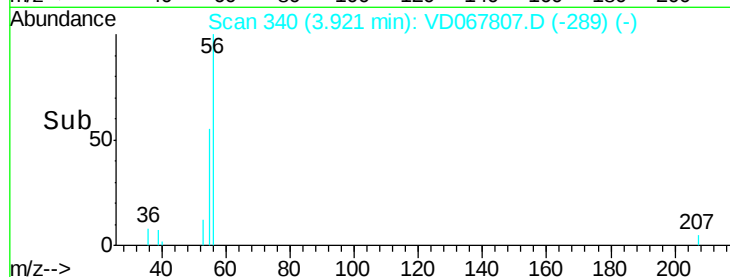
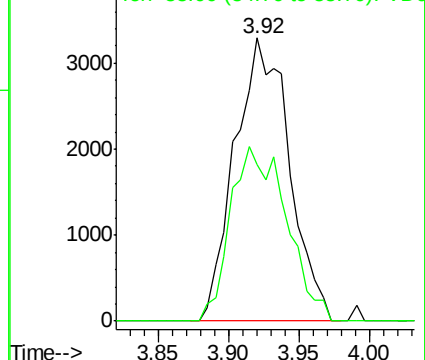
56 100

55 63.3 61.2 91.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.165 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

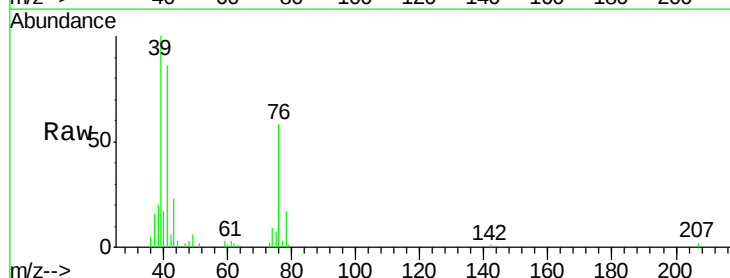
Tgt Ion: 41 Resp: 35760

Ion Ratio Lower Upper

41 100

39 107.9 74.6 111.8

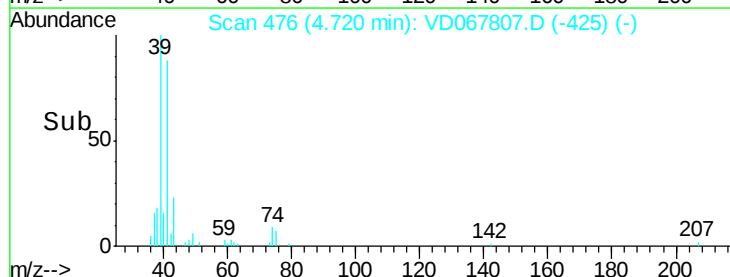
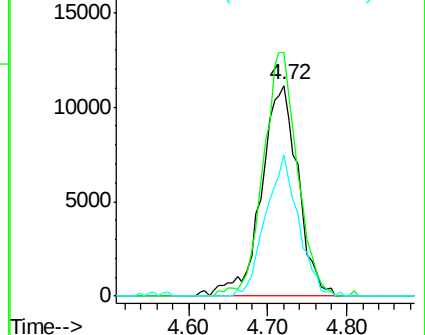
76 60.0 43.3 64.9

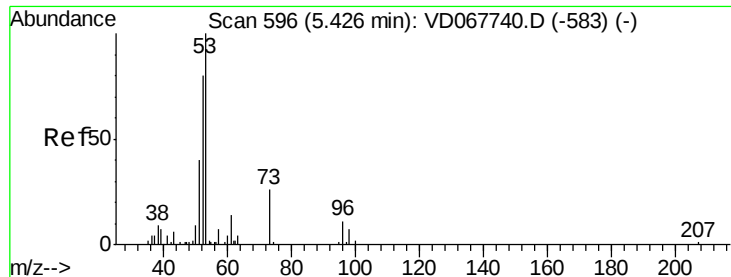


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 91.904 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBSD01

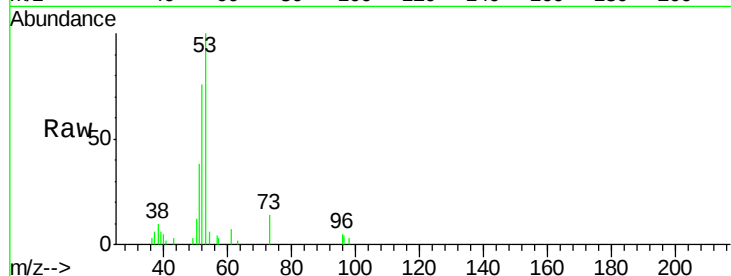
Tgt Ion: 53 Resp: 28153

Ion Ratio Lower Upper

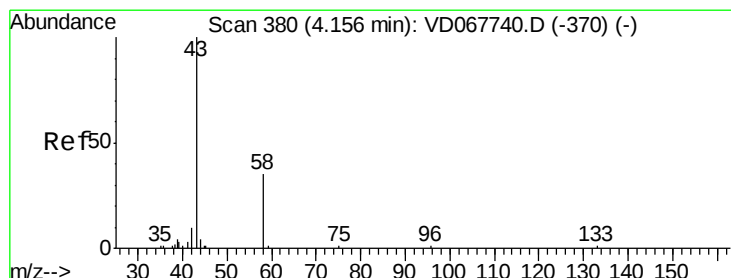
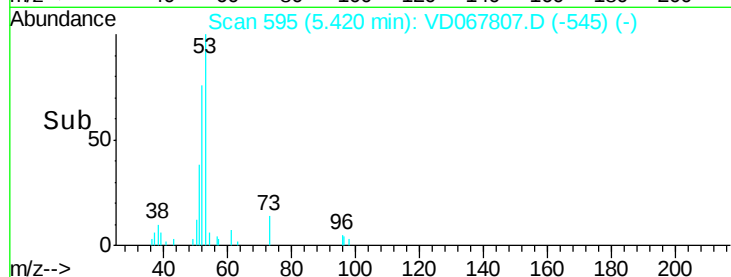
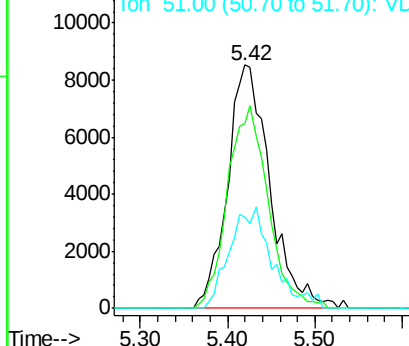
53 100

52 79.6 63.4 95.2

51 39.8 31.4 47.2



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



#16

Acetone

Concen: 98.541 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067807.D

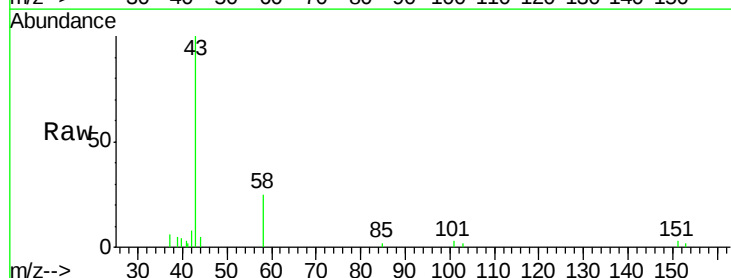
Acq: 30 Nov 2020 11:34

Tgt Ion: 43 Resp: 29106

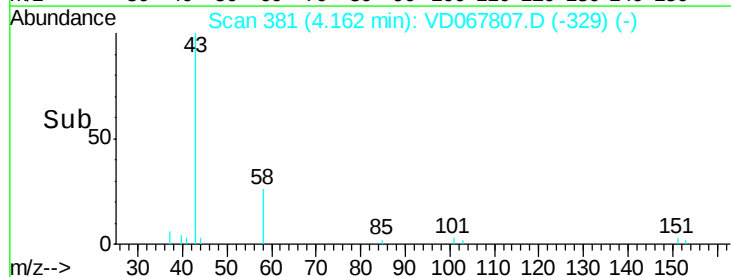
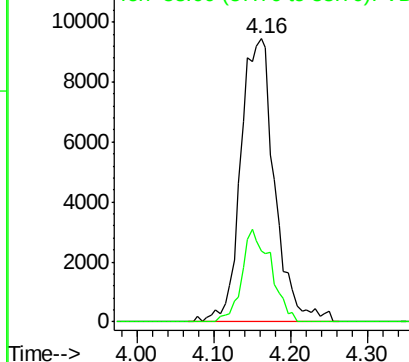
Ion Ratio Lower Upper

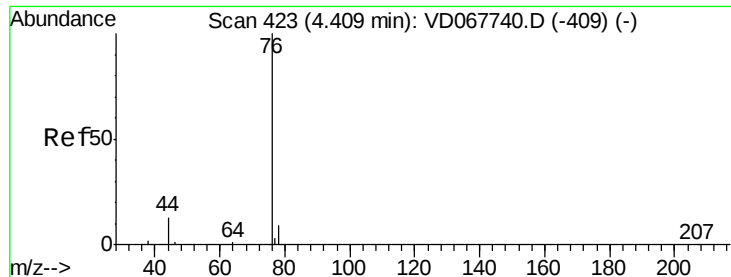
43 100

58 25.2 27.6 41.4#



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





#17

Carbon Disulfide

Concen: 19.800 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

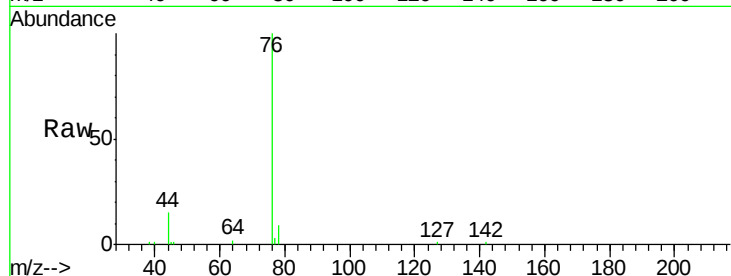
VD1130SBSD01

Tgt Ion: 76 Resp: 110537

Ion Ratio Lower Upper

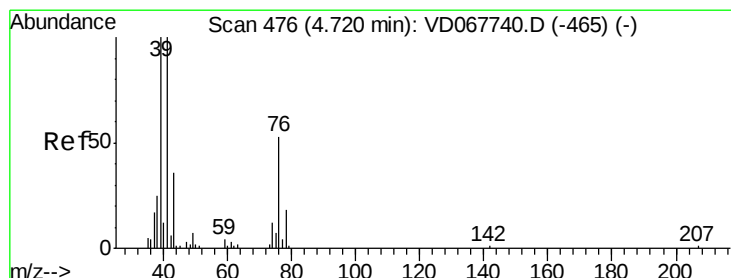
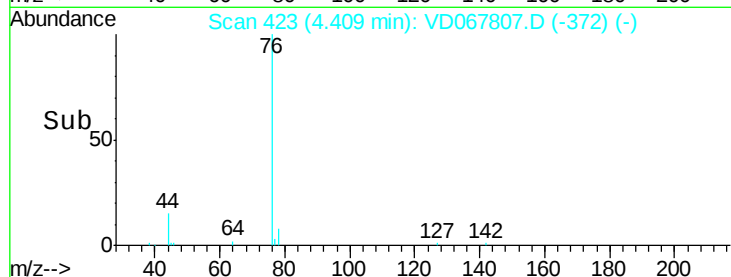
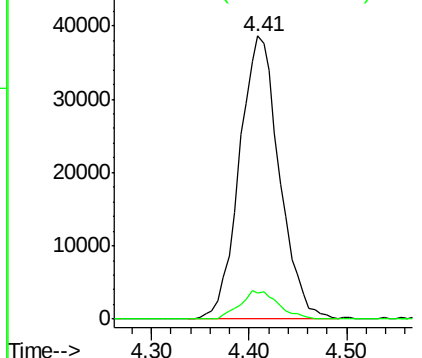
76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 18.232 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067807.D

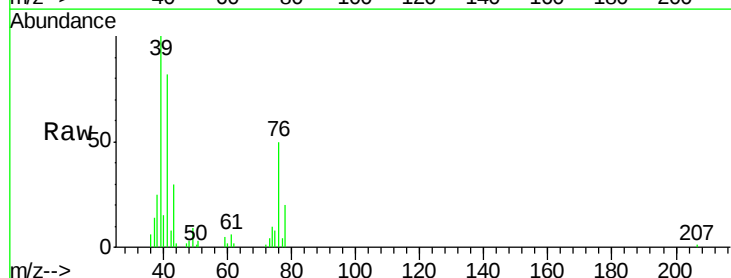
Acq: 30 Nov 2020 11:34

Tgt Ion: 43 Resp: 10834

Ion Ratio Lower Upper

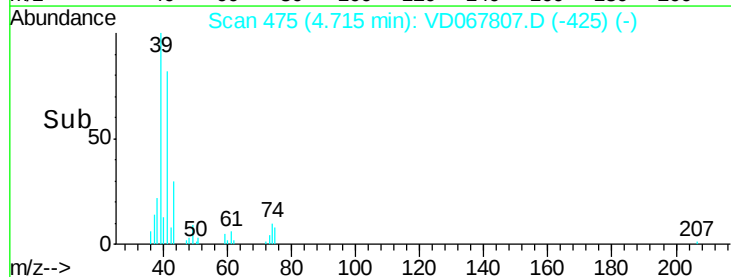
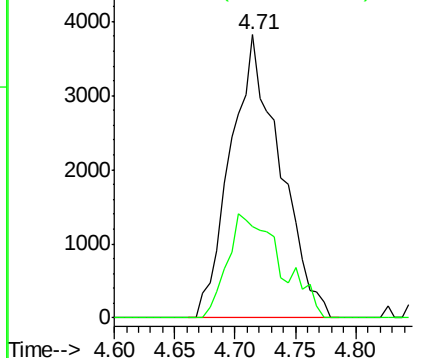
43 100

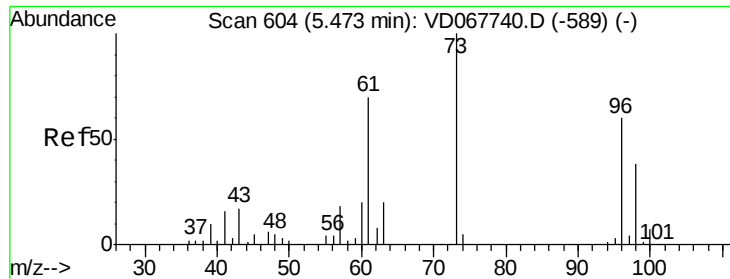
74 34.1 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

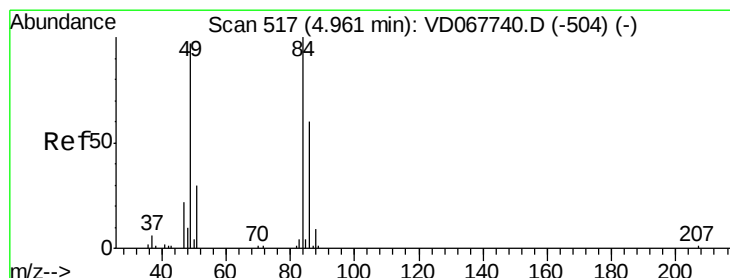
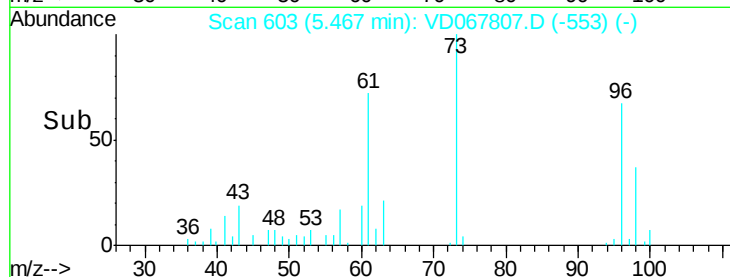
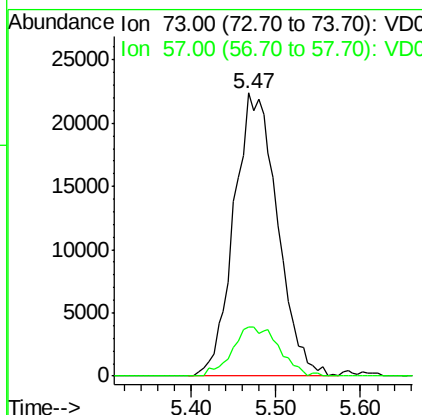
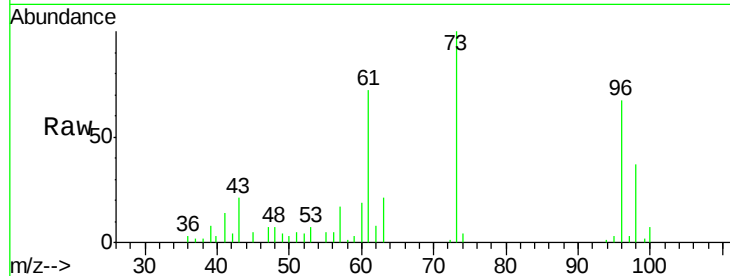




#19
Methyl tert-butyl Ether
Concen: 19.325 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

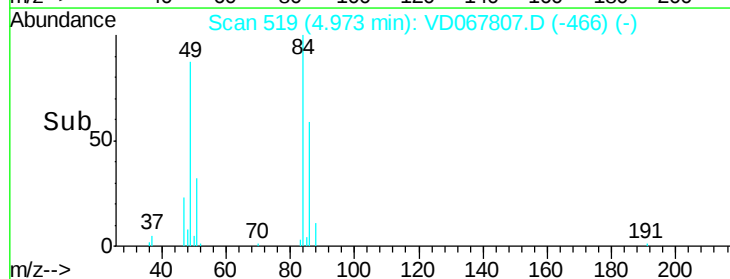
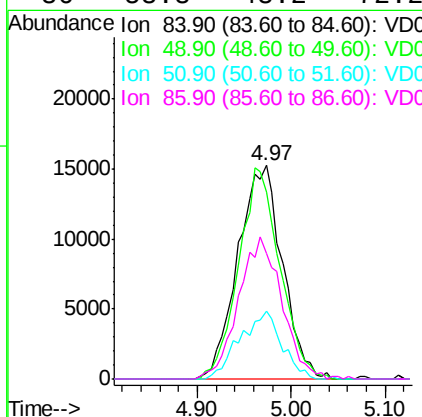
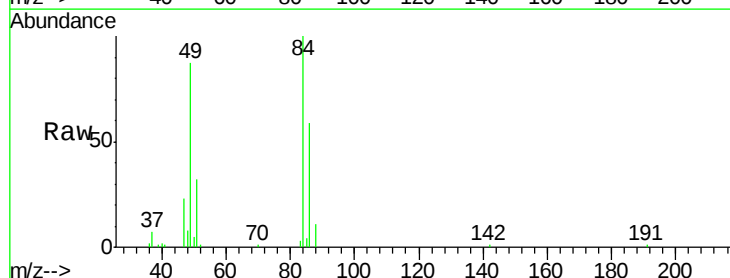
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

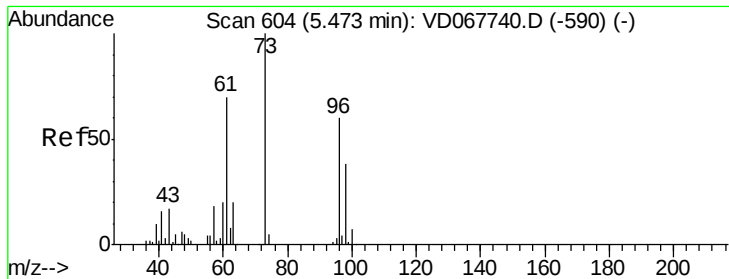
Tgt Ion: 73 Resp: 79722
Ion Ratio Lower Upper
73 100
57 17.4 14.8 22.2



#20
Methylene Chloride
Concen: 17.779 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 84 Resp: 50175
Ion Ratio Lower Upper
84 100
49 87.5 77.4 116.2
51 31.8 24.1 36.1
86 58.8 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 20.311 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBSD01

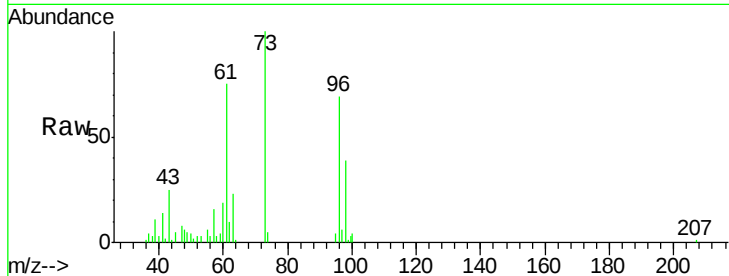
Tgt Ion: 96 Resp: 44572

Ion Ratio Lower Upper

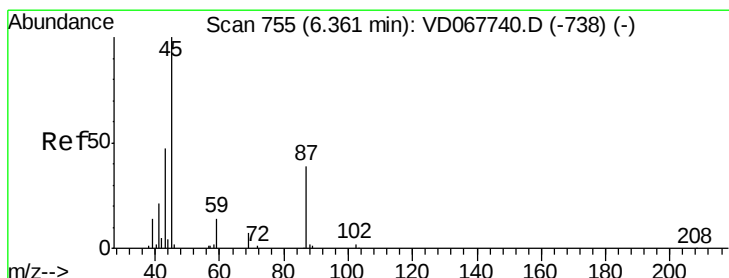
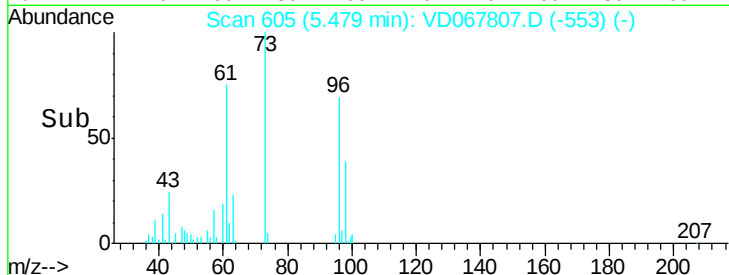
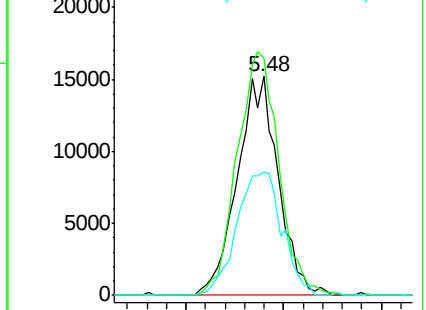
96 100

61 108.7 94.0 141.0

98 56.1 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: 20.287 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Tgt Ion: 45 Resp: 74719

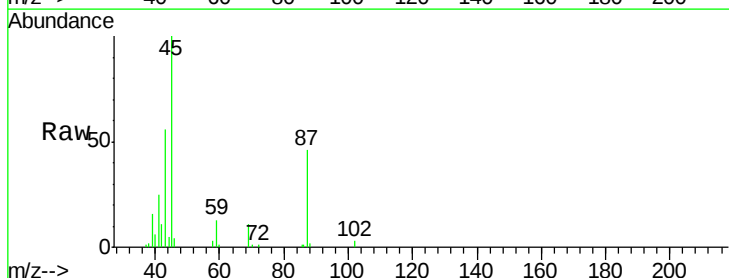
Ion Ratio Lower Upper

45 100

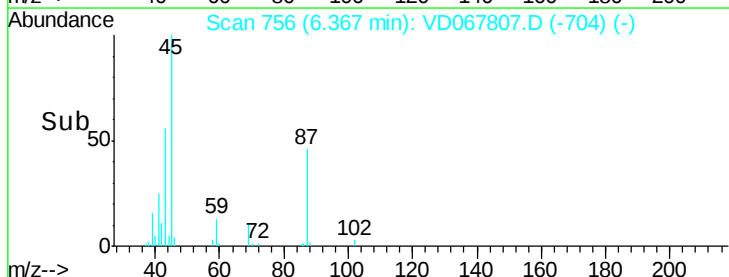
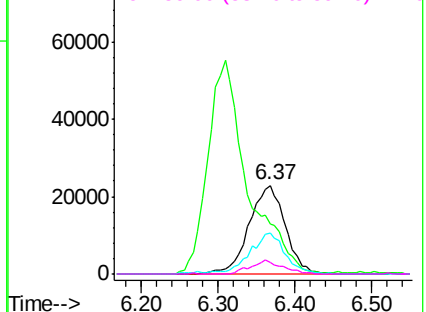
43 53.9 46.8 70.2

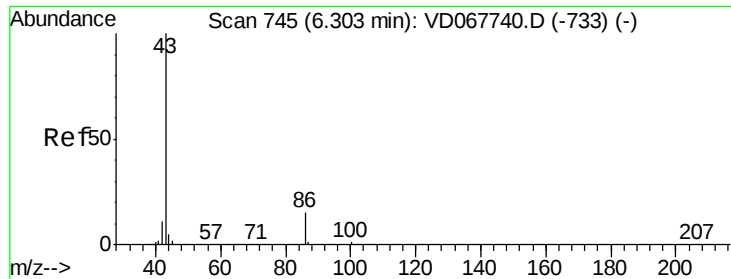
87 46.4 32.9 49.3

59 12.8 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: 95.077 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

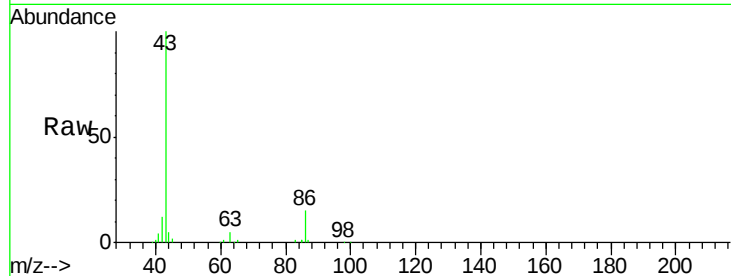
VD1130SBS01

Tgt Ion: 43 Resp: 197534

Ion Ratio Lower Upper

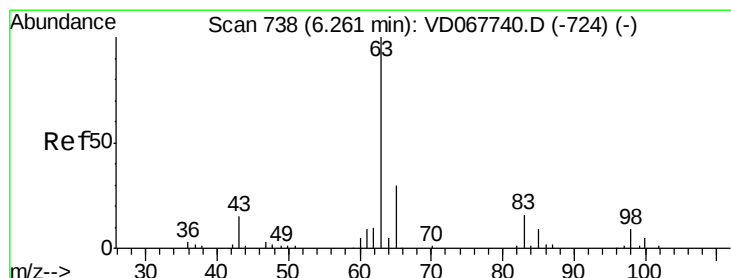
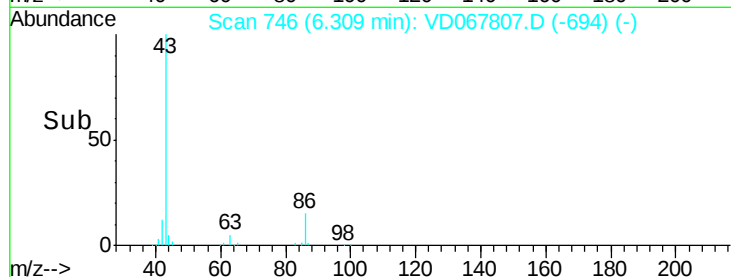
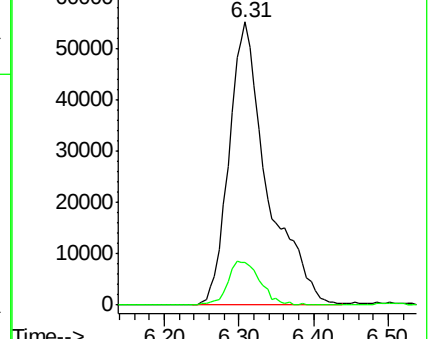
43 100

86 15.3 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: 20.470 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

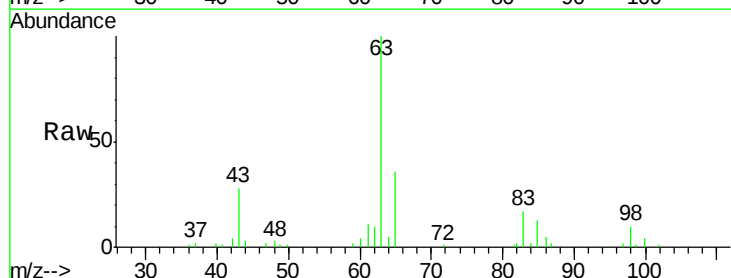
Tgt Ion: 63 Resp: 63919

Ion Ratio Lower Upper

63 100

98 10.3 4.4 13.2

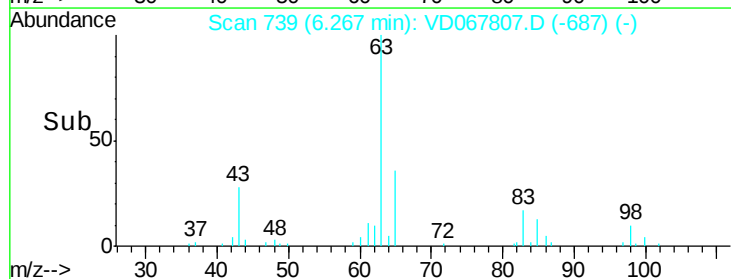
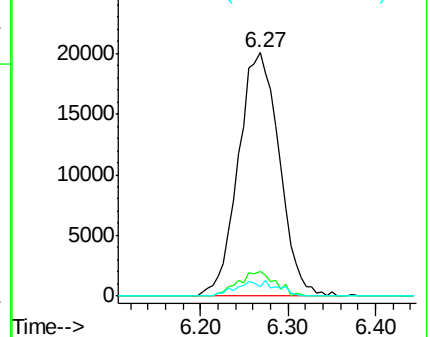
100 4.0 2.6 8.0

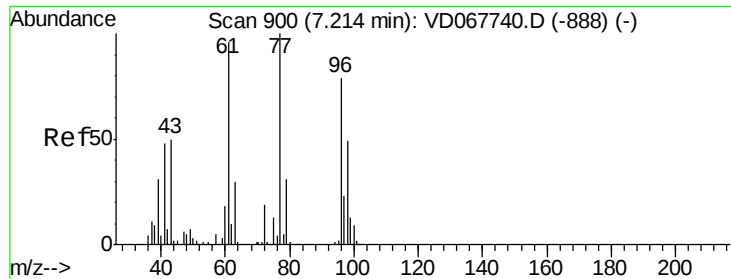


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

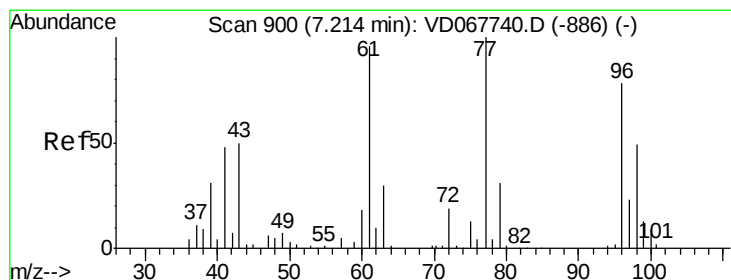
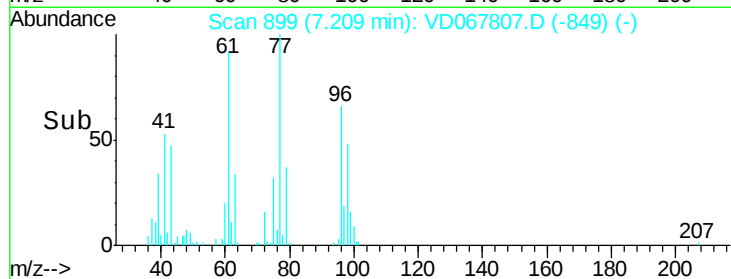
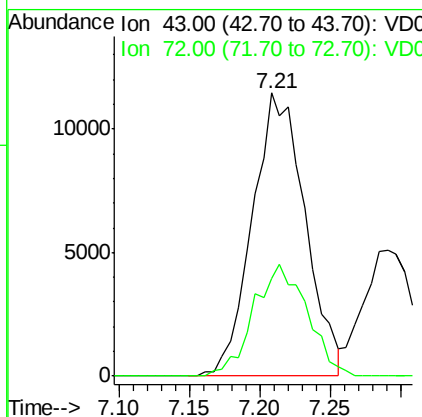
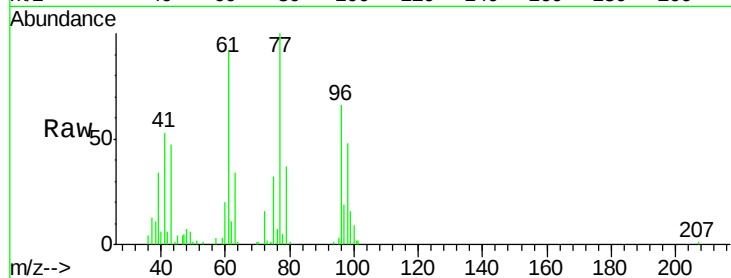




#25
2-Butanone
Concen: 90.638 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

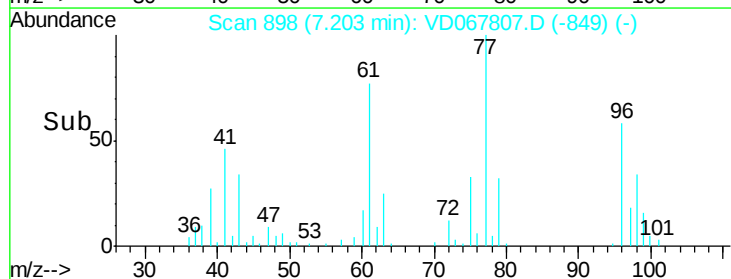
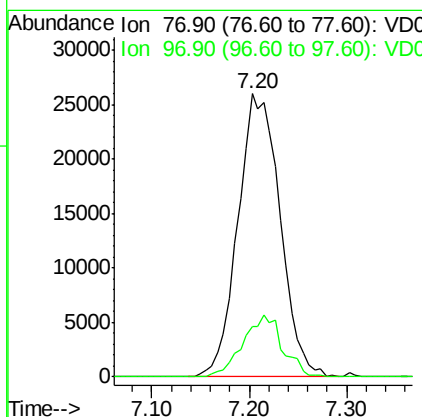
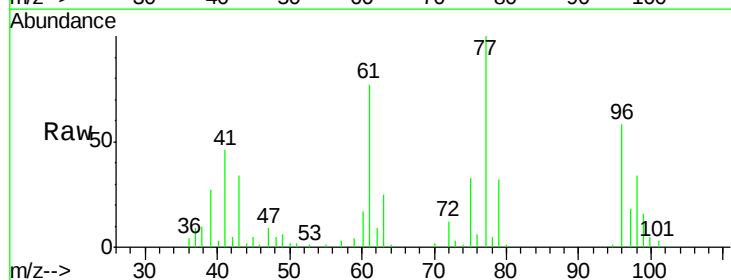
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

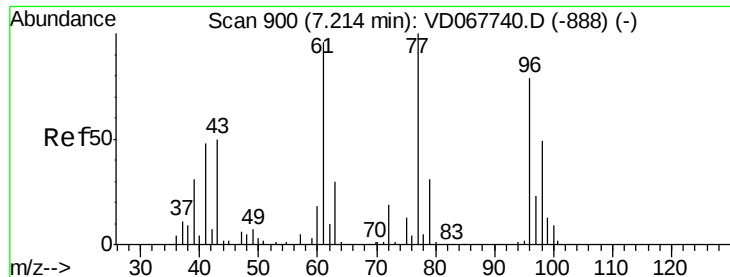
Tgt Ion: 43 Resp: 30042
Ion Ratio Lower Upper
43 100
72 34.4 30.8 46.2



#26
2,2-Dichloropropane
Concen: 21.240 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 77 Resp: 78245
Ion Ratio Lower Upper
77 100
97 20.5 11.1 33.3



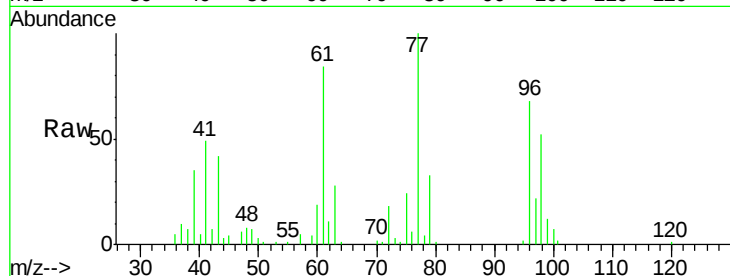


#27

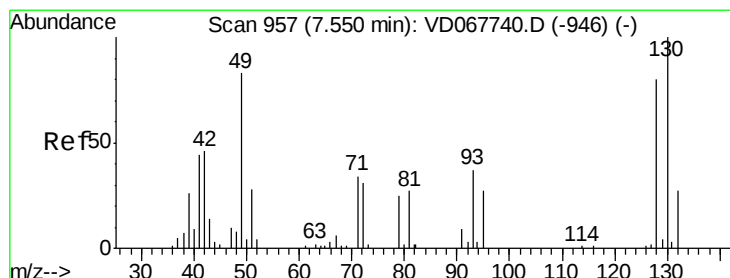
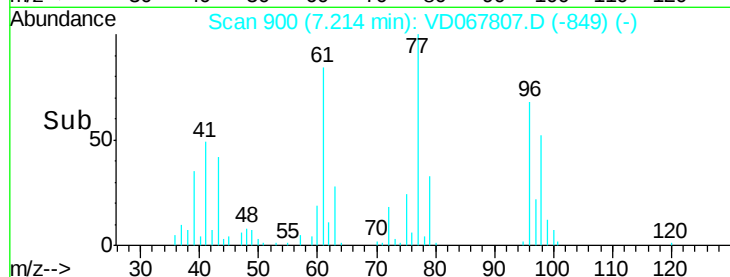
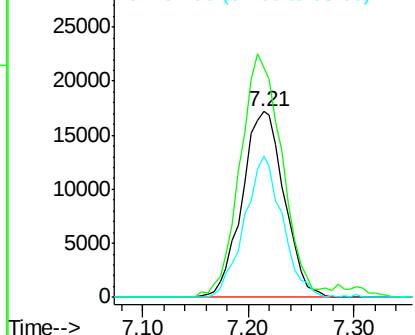
cis-1,2-Dichloroethene
Concen: 20.358 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

Tgt Ion: 96 Resp: 47620
Ion Ratio Lower Upper
96 100
61 130.2 0.0 258.0
98 68.6 0.0 131.8



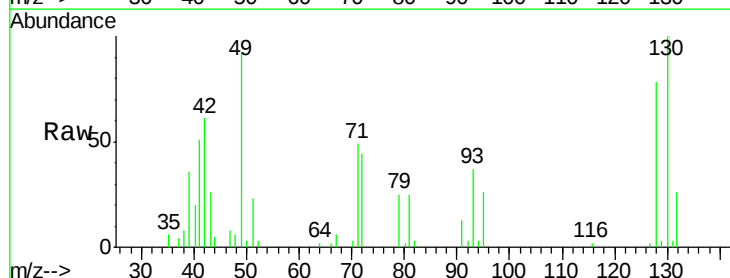
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



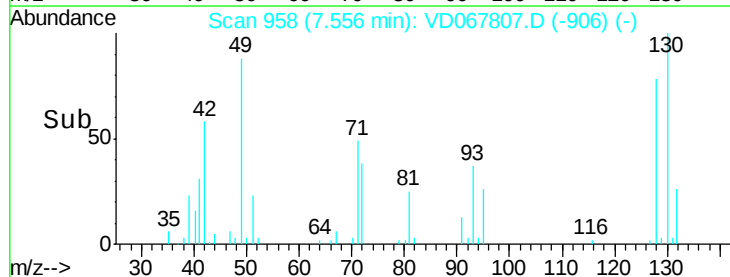
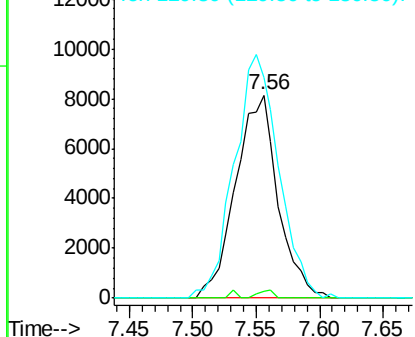
#28

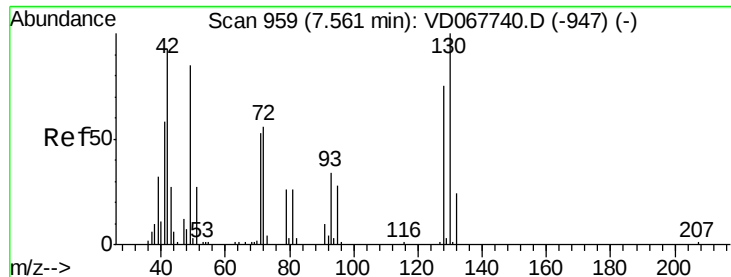
Bromochloromethane
Concen: 18.950 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 49 Resp: 18955
Ion Ratio Lower Upper
49 100
129 1.4 0.0 7.0
130 125.5 102.2 153.4



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

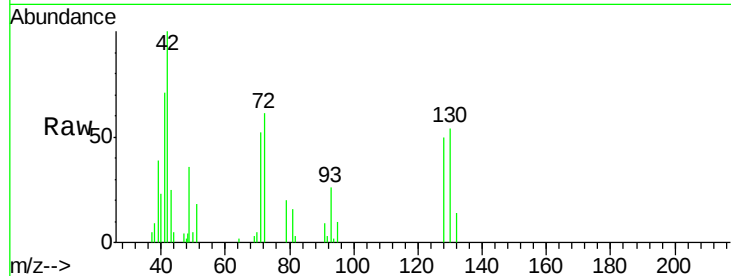




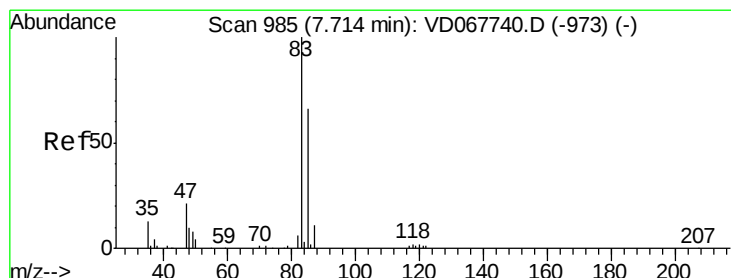
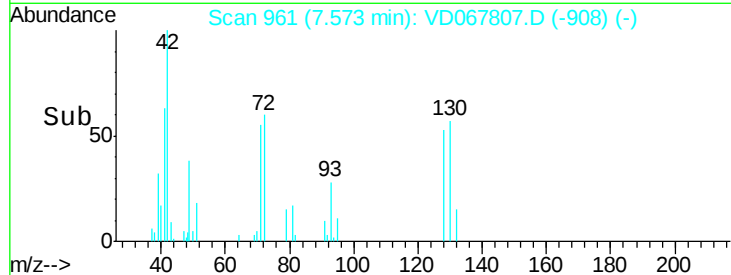
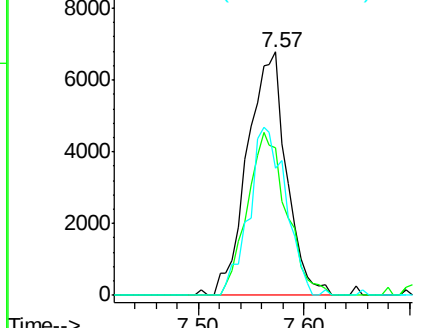
#29
Tetrahydrofuran
Concen: 92.715 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

Tgt Ion: 42 Resp: 17472
Ion Ratio Lower Upper
42 100
72 66.8 49.3 73.9
71 64.7 45.9 68.9

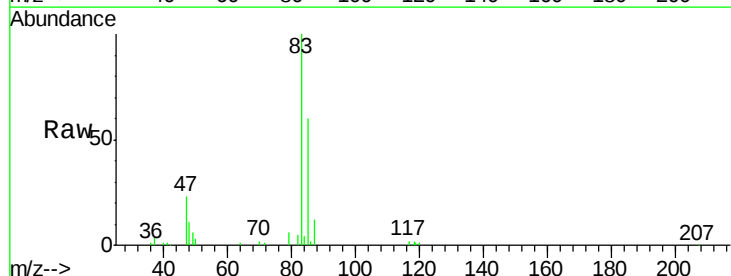


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

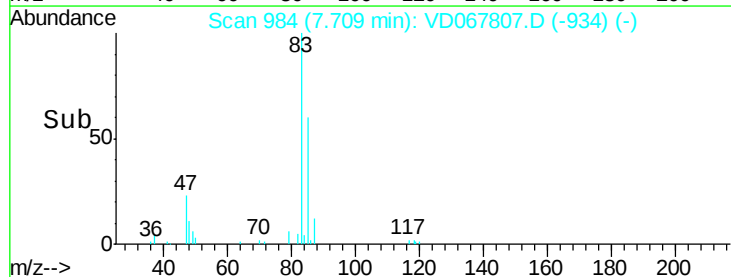
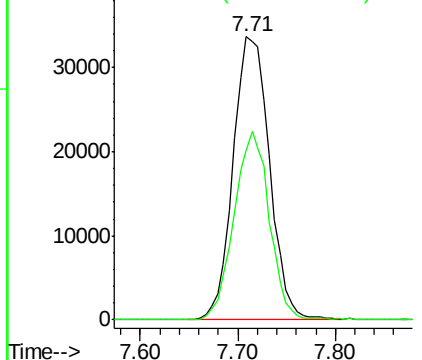


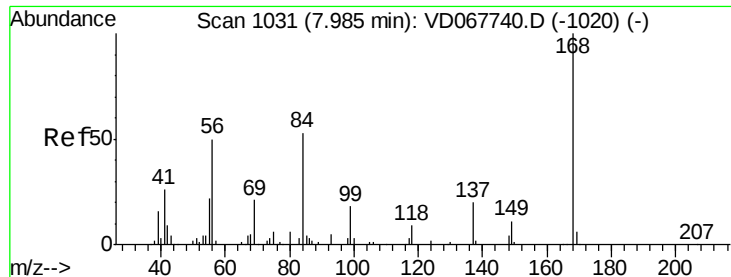
#30
Chloroform
Concen: 21.473 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 83 Resp: 87681
Ion Ratio Lower Upper
83 100
85 59.9 53.1 79.7



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

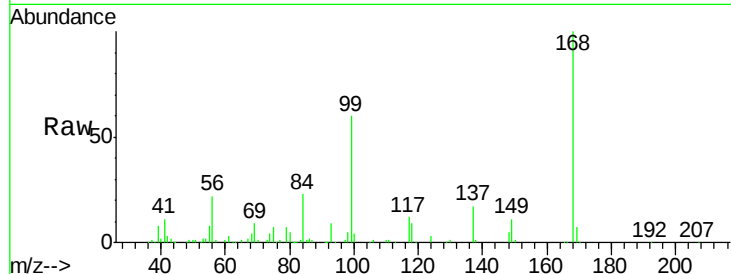




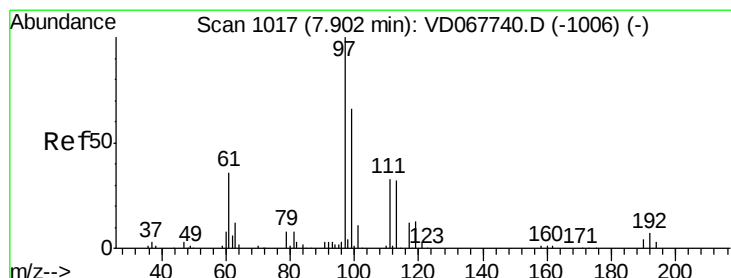
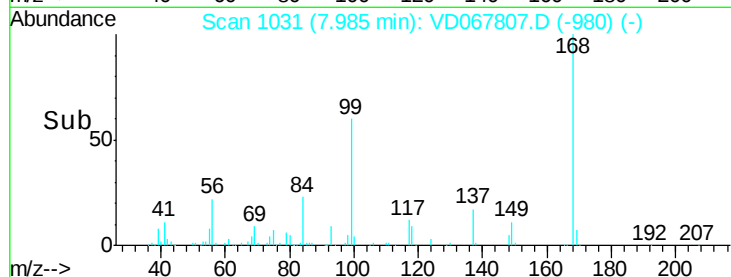
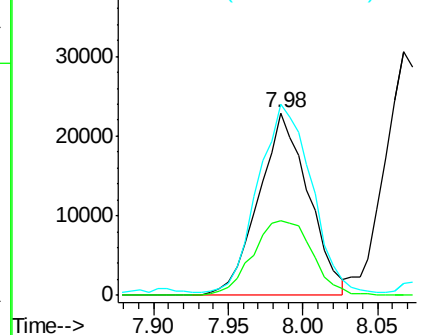
#31
Cyclohexane
Concen: 19.228 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

Tgt Ion: 56 Resp: 53193
Ion Ratio Lower Upper
56 100
69 40.9 33.2 49.8
84 103.3 84.8 127.2

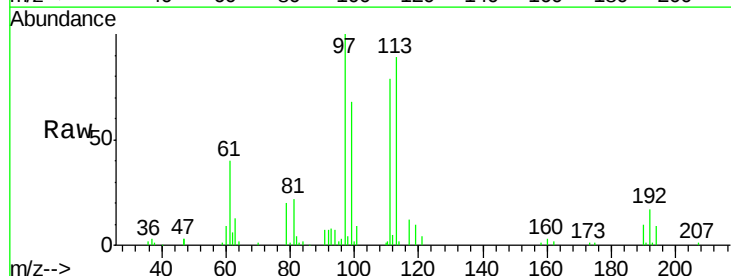


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

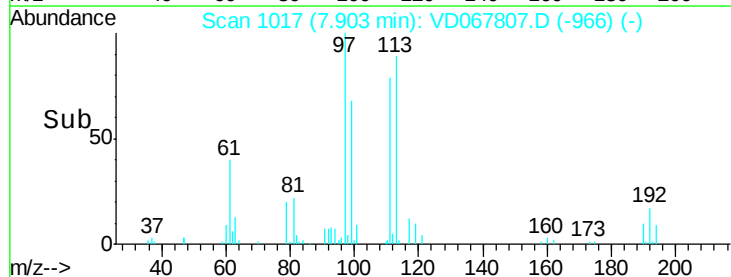
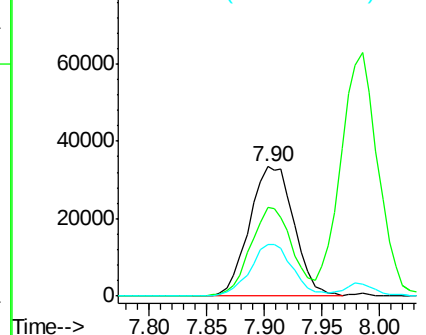


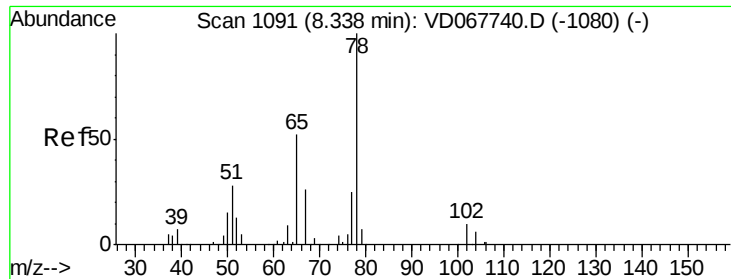
#32
1,1,1-Trichloroethane
Concen: 20.868 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 97 Resp: 90244
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 37.9 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: 52.167 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

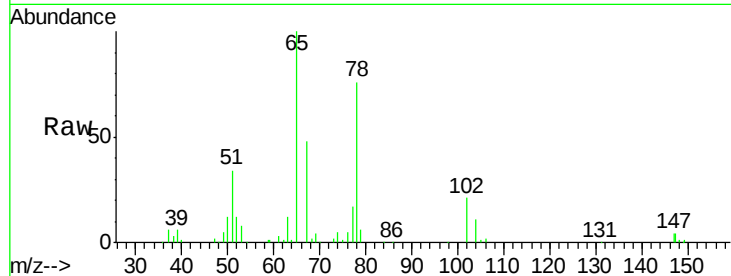
VD1130SBSD01

Tgt Ion: 65 Resp: 119273

Ion Ratio Lower Upper

65 100

67 47.0 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VD067807.D (-1040) (-)

Ion 66.90 (66.60 to 67.60): VD067807.D (-1040) (-)

8.34

60000

50000

40000

30000

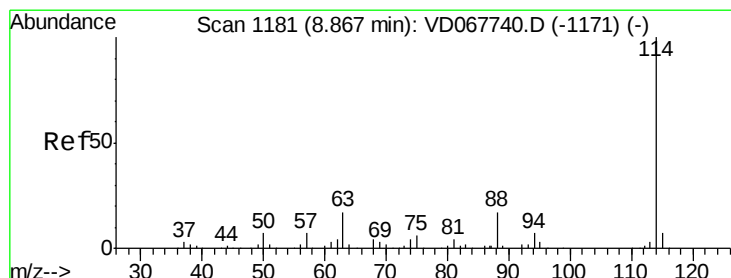
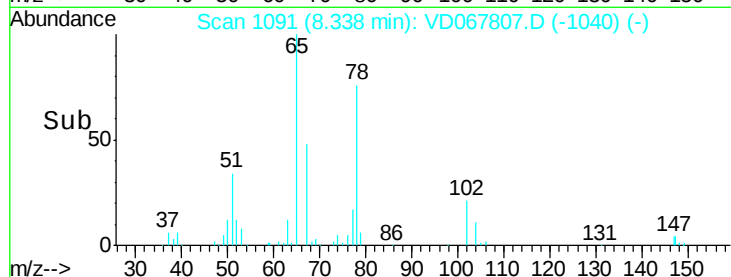
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

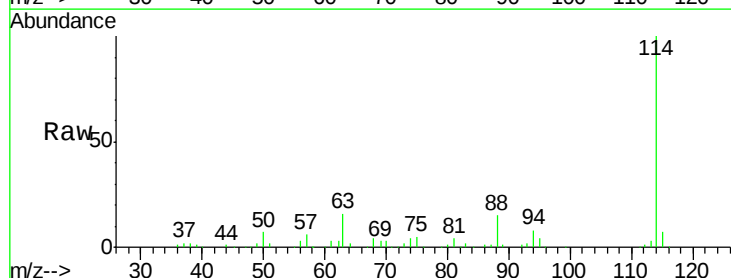
Tgt Ion: 114 Resp: 332616

Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.8

88 15.1 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): VD067807.D (-1130) (-)

Ion 63.00 (62.70 to 63.70): VD067807.D (-1130) (-)

Ion 87.90 (87.60 to 88.60): VD067807.D (-1130) (-)

8.87

200000

150000

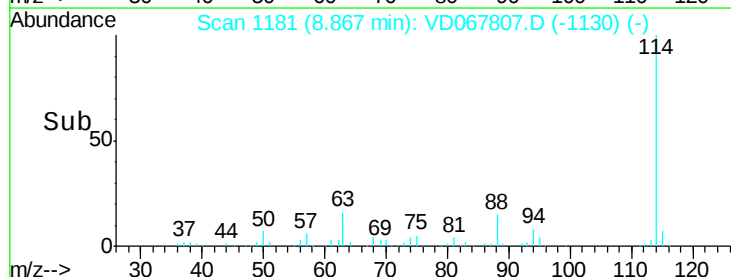
100000

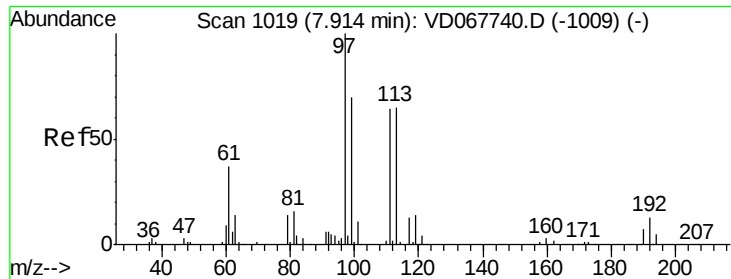
50000

0

8.80 8.90 9.00

Time-->

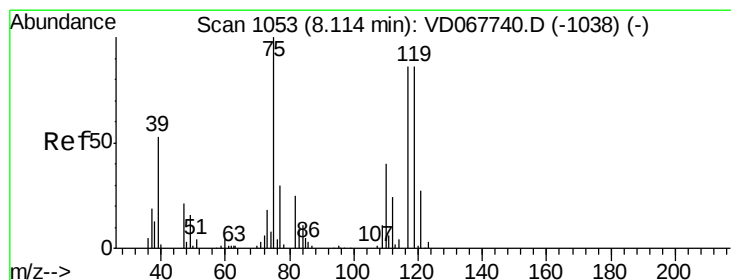
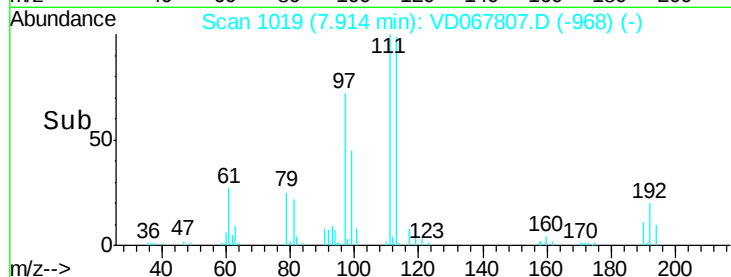
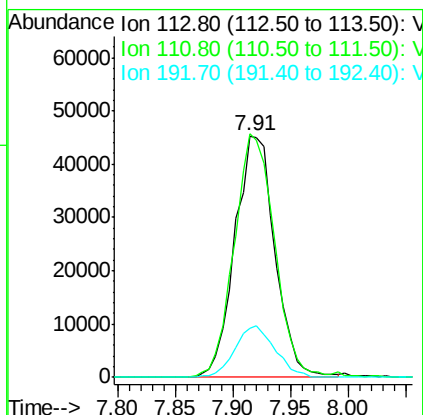
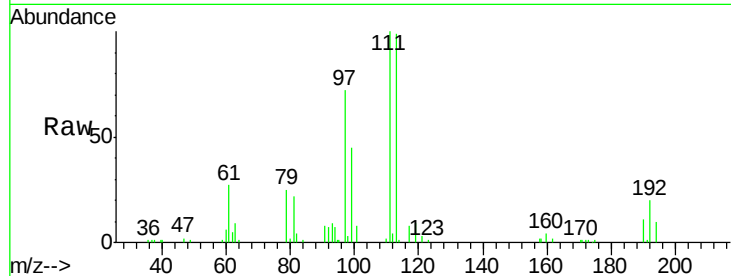




#35
Dibromofluoromethane
Concen: 51.547 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

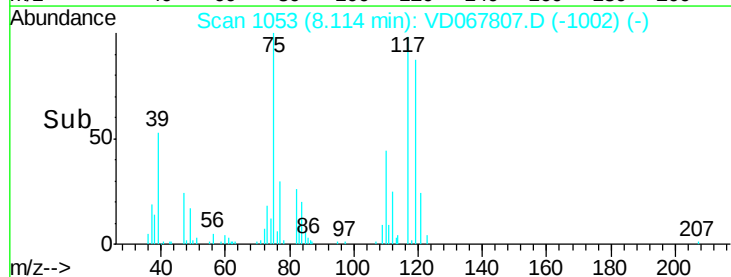
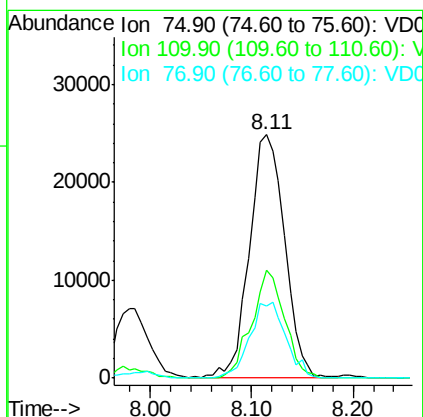
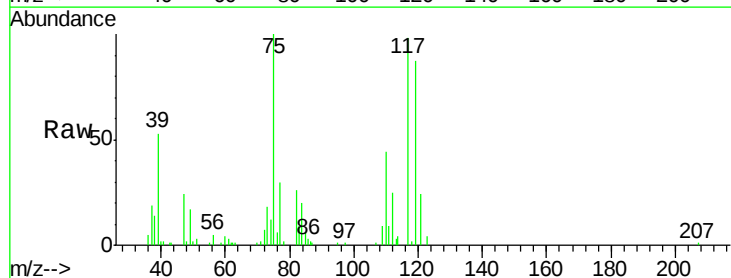
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

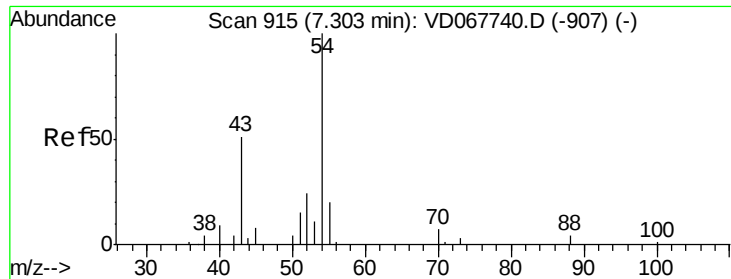
Tgt Ion: 113 Resp: 109112
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 21.2 17.0 25.4



#36
1,1-Dichloropropene
Concen: 21.114 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 75 Resp: 60265
Ion Ratio Lower Upper
75 100
110 41.3 20.1 60.2
77 31.9 24.8 37.2

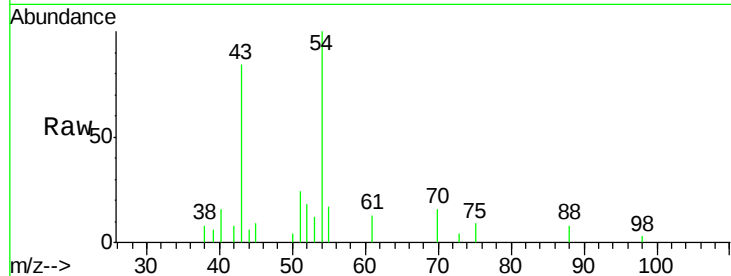




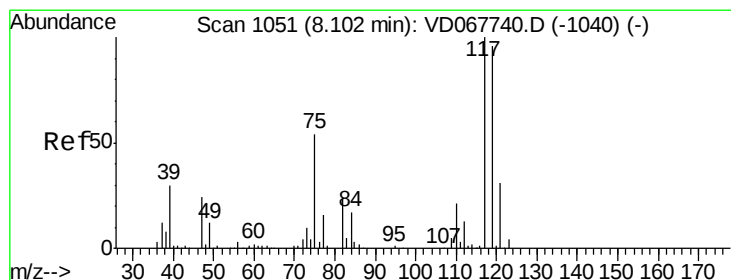
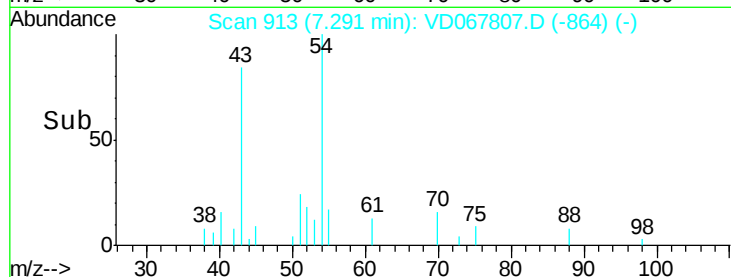
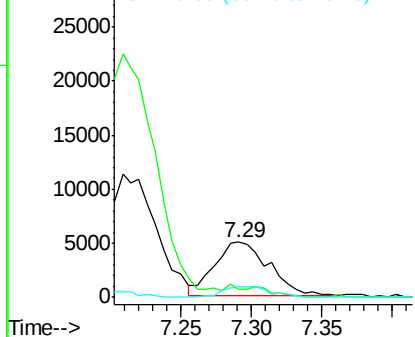
#37
Ethyl Acetate
Concen: 17.384 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

Tgt Ion: 43 Resp: 13342
Ion Ratio Lower Upper
43 100
61 0.0 12.9 19.3#
70 17.6 12.2 18.2

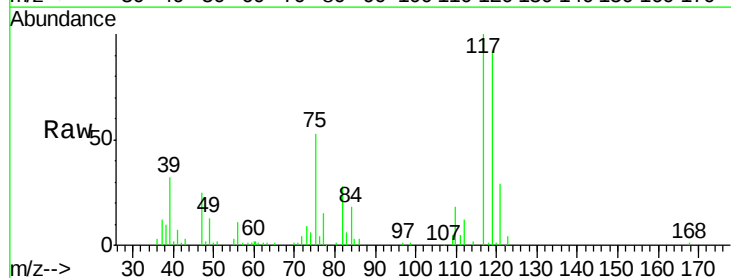


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

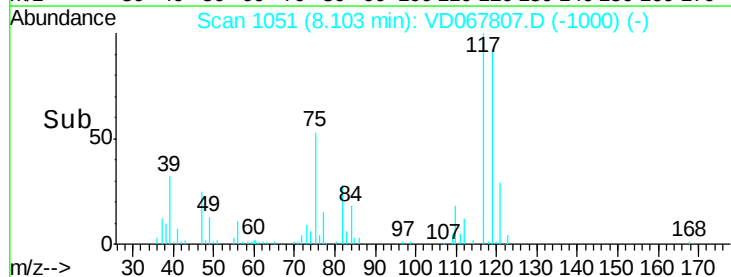
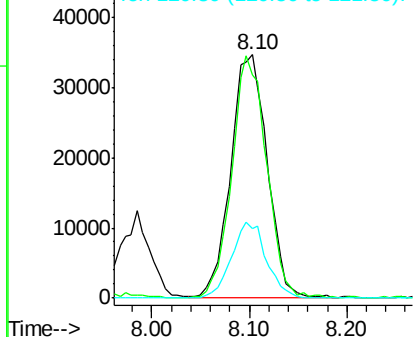


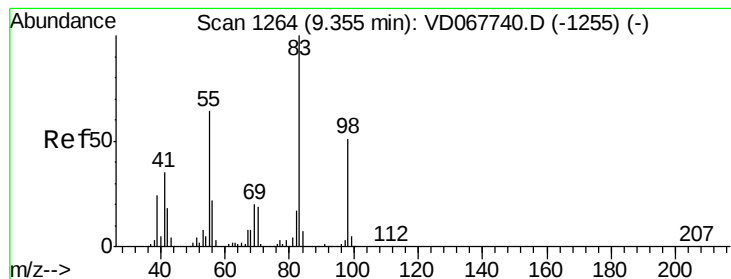
#38
Carbon Tetrachloride
Concen: 21.895 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 117 Resp: 90588
Ion Ratio Lower Upper
117 100
119 91.8 76.6 115.0
121 28.5 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 20.399 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBSD01

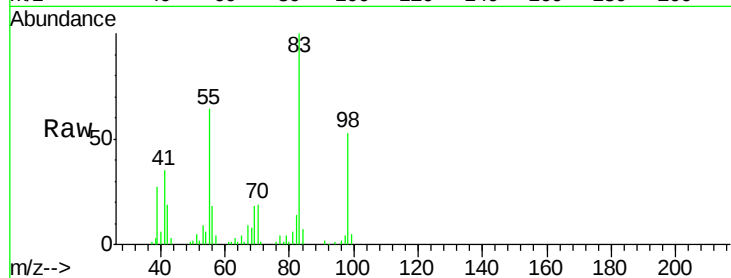
Tgt Ion: 83 Resp: 68904

Ion Ratio Lower Upper

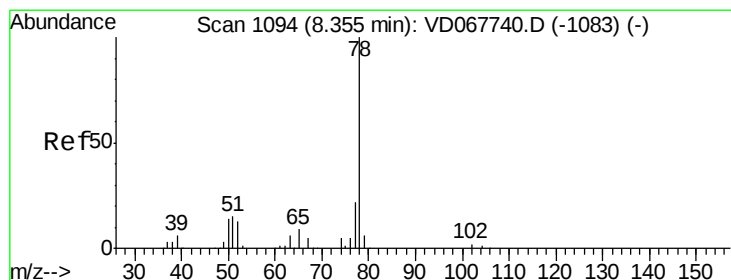
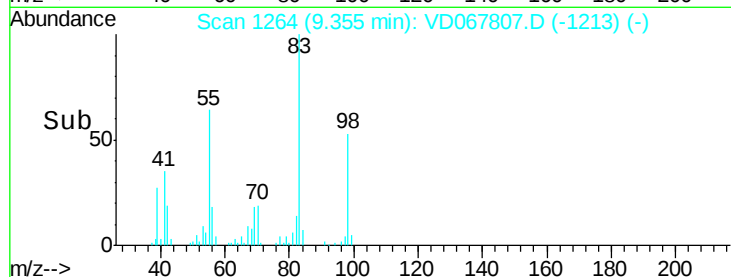
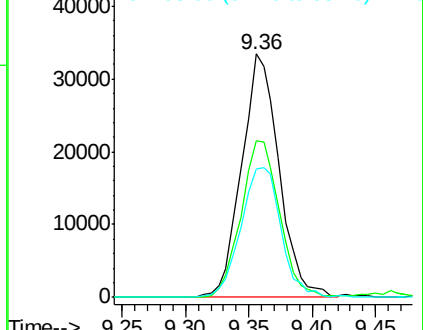
83 100

55 64.5 51.0 76.4

98 52.7 40.4 60.6



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



#40

Benzene

Concen: 20.577 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VD067807.D

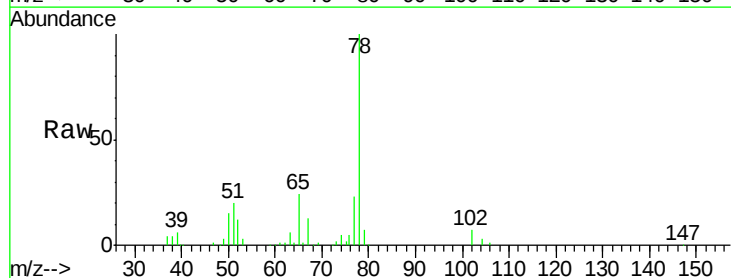
Acq: 30 Nov 2020 11:34

Tgt Ion: 78 Resp: 161302

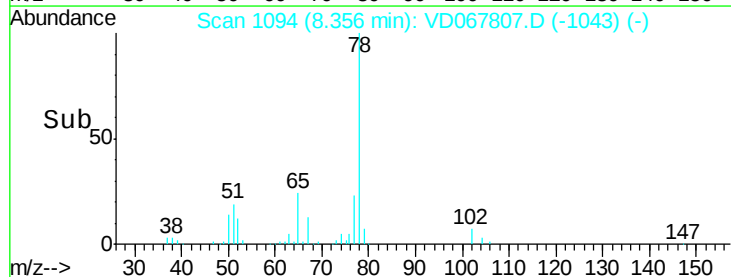
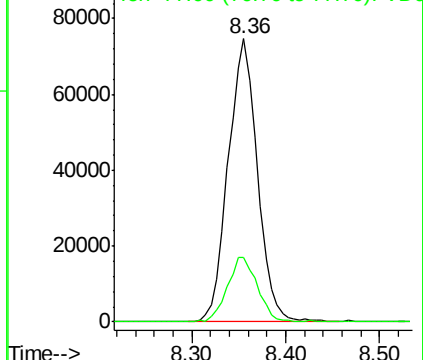
Ion Ratio Lower Upper

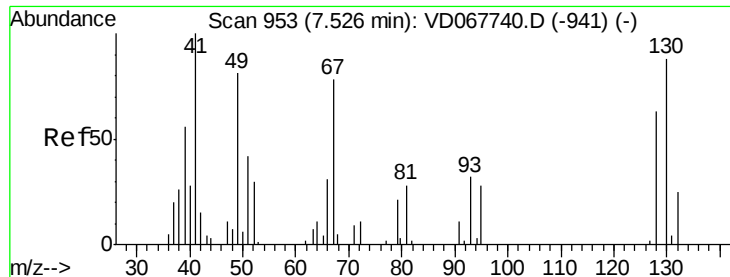
78 100

77 22.6 17.8 26.6



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

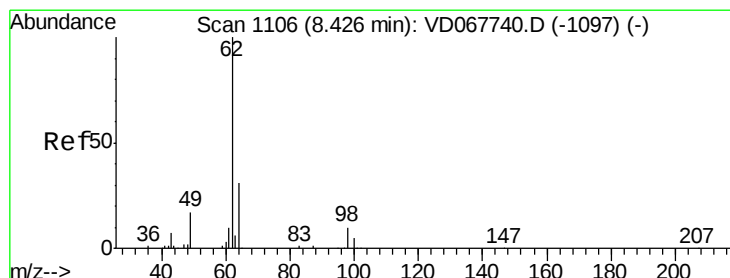
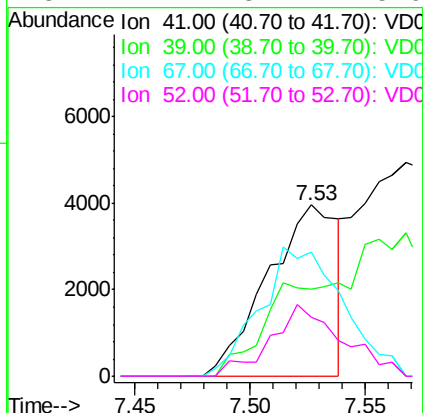
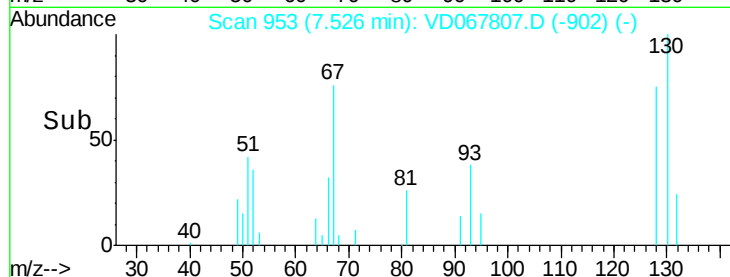
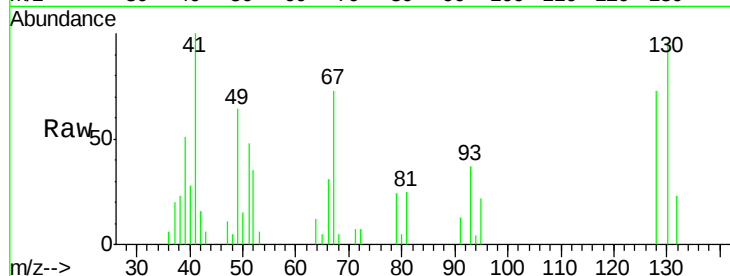




#41
Methacrylonitrile
Concen: 21.480 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

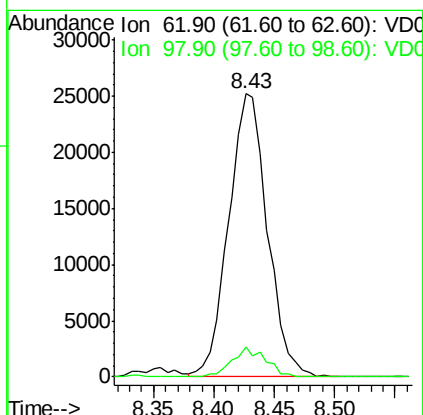
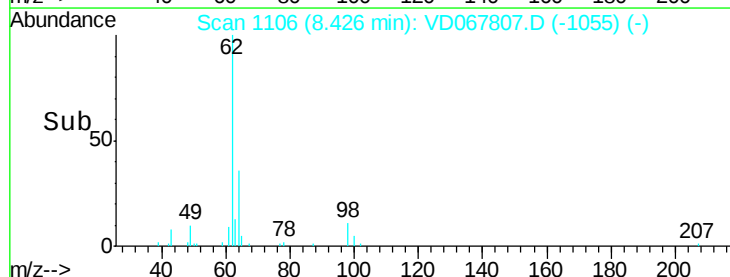
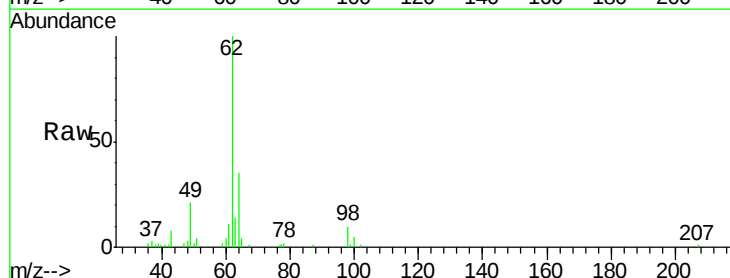
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

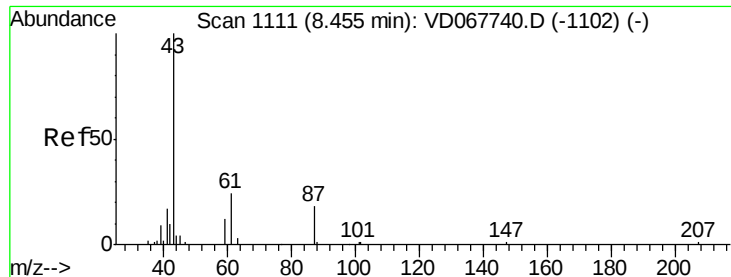
Tgt Ion: 41 Resp: 8418
Ion Ratio Lower Upper
41 100
39 39.9 50.2 75.4#
67 88.6 79.0 118.6
52 42.2 32.4 48.6



#42
1,2-Dichloroethane
Concen: 21.136 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 62 Resp: 56218
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.2





#43

Isopropyl Acetate

Concen: 19.125 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBS01

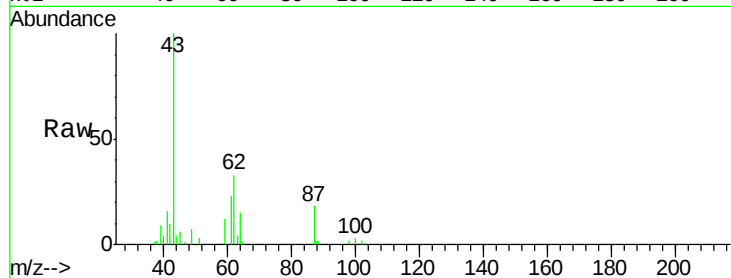
Tgt Ion: 43 Resp: 29312

Ion Ratio Lower Upper

43 100

61 40.0 30.2 45.4

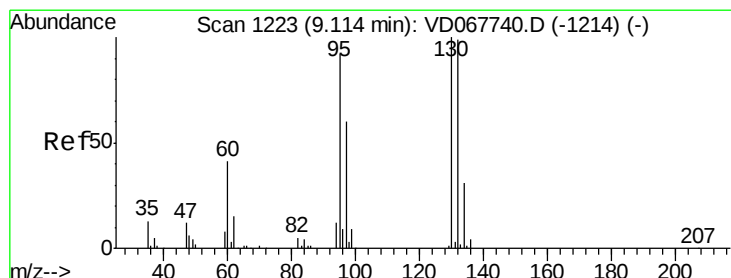
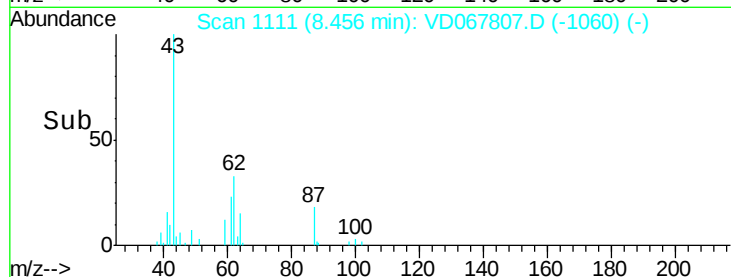
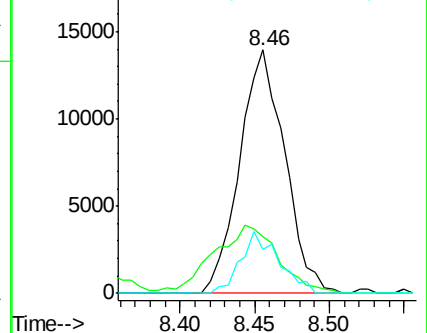
87 21.3 14.2 21.4



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: 21.267 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD067807.D

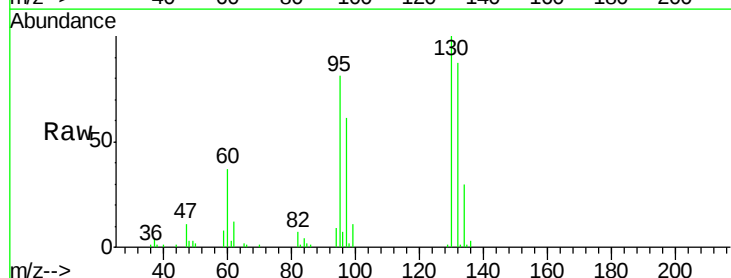
Acq: 30 Nov 2020 11:34

Tgt Ion: 130 Resp: 55252

Ion Ratio Lower Upper

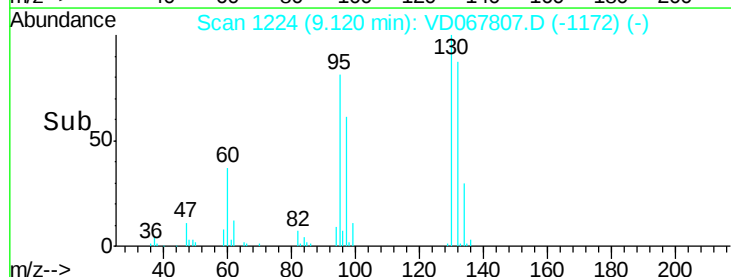
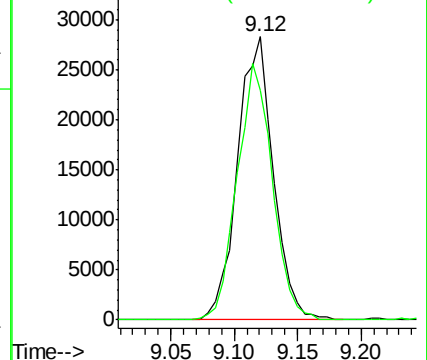
130 100

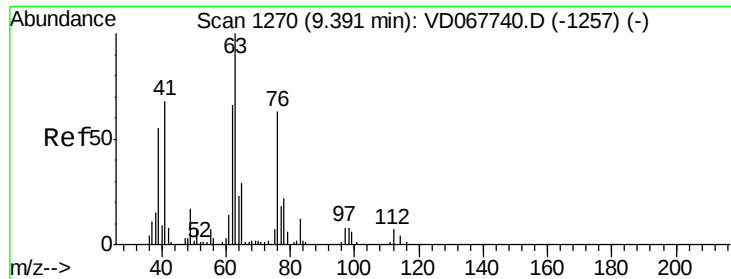
95 81.3 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

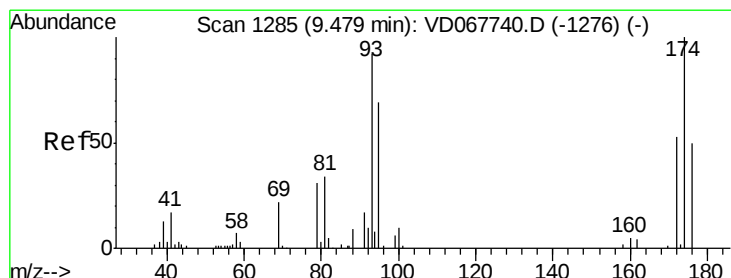
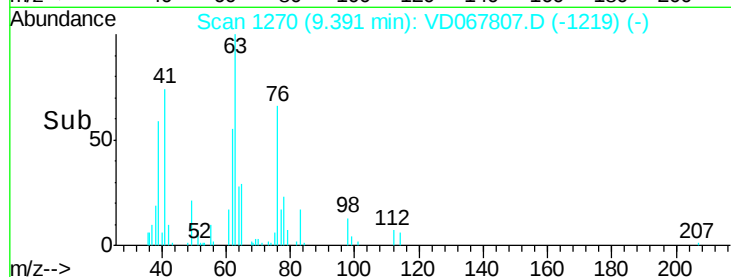
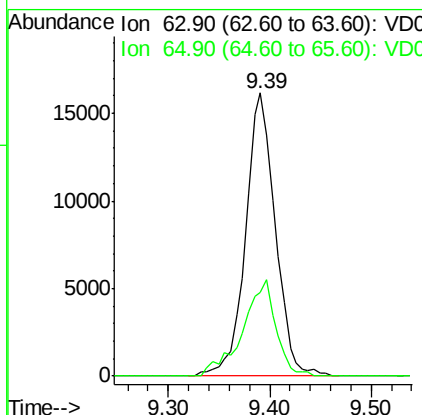
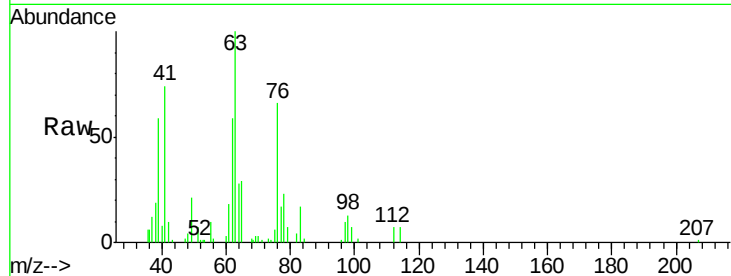




#45
 1,2-Dichloropropane
 Concen: 20.393 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

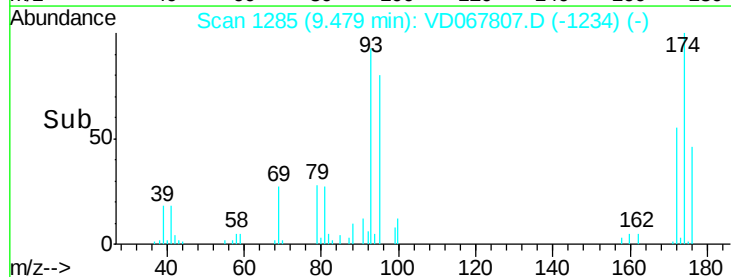
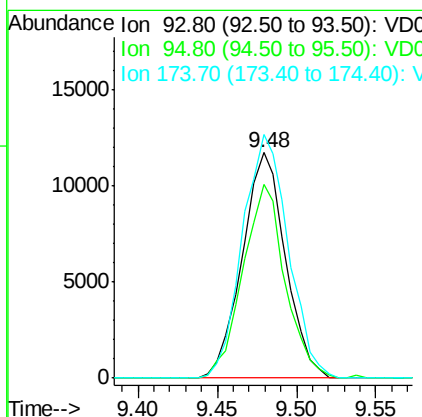
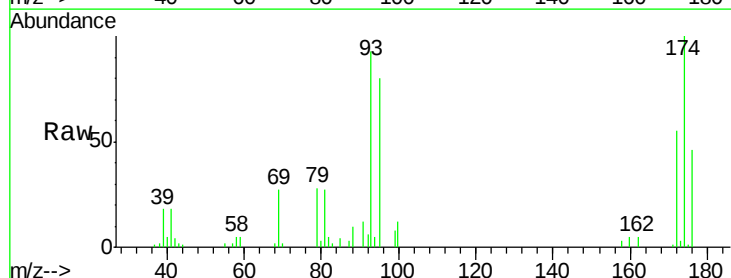
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBSD01

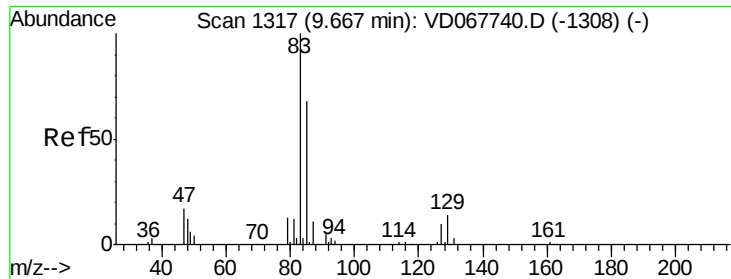
Tgt Ion: 63 Resp: 32802
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.1 34.7



#46
 Dibromomethane
 Concen: 20.290 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion: 93 Resp: 22219
 Ion Ratio Lower Upper
 93 100
 95 84.1 63.4 95.2
 174 114.5 89.6 134.4





#47

Bromodichloromethane

Concen: 21.149 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBSD01

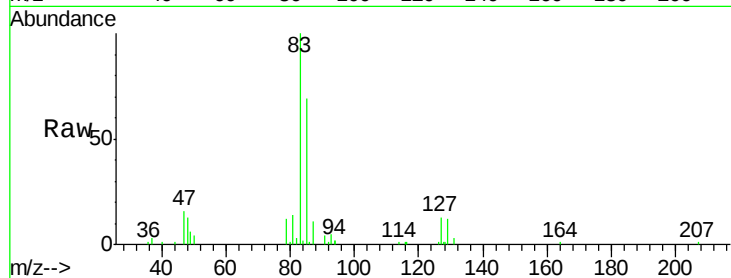
Tgt Ion: 83 Resp: 64491

Ion Ratio Lower Upper

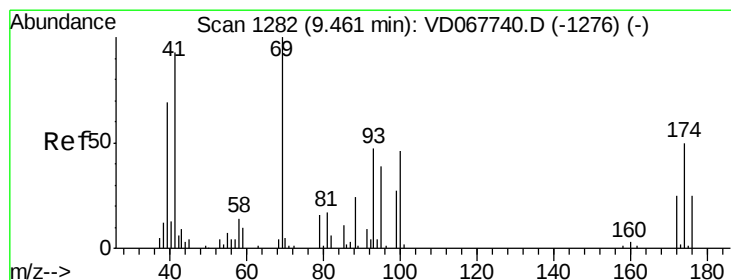
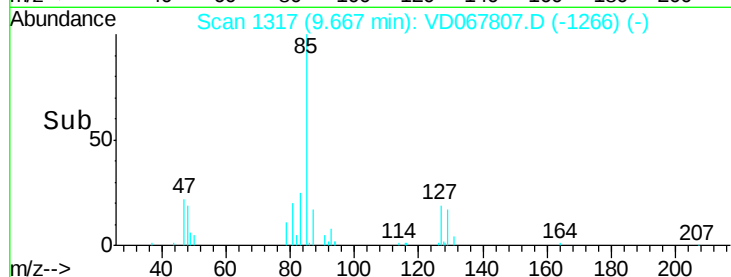
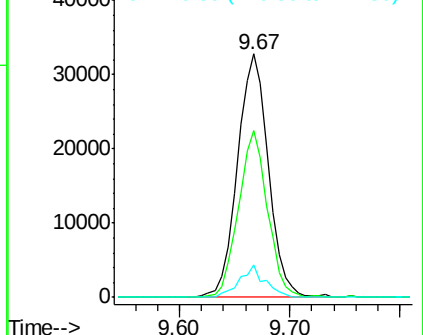
83 100

85 68.7 54.2 81.2

127 13.2 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: 19.288 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

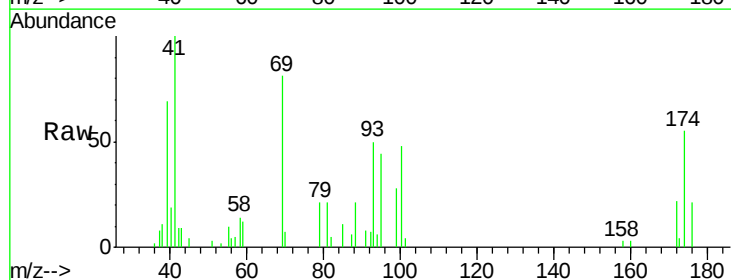
Tgt Ion: 41 Resp: 14779

Ion Ratio Lower Upper

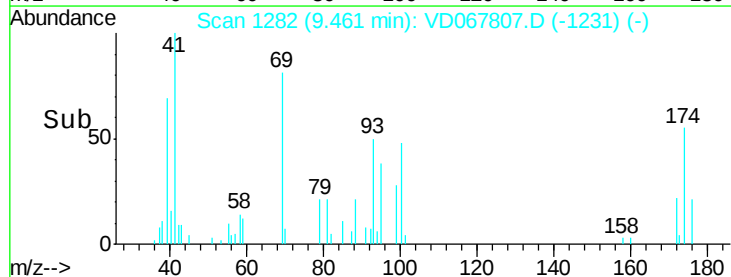
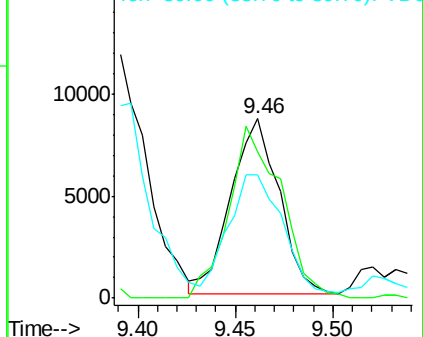
41 100

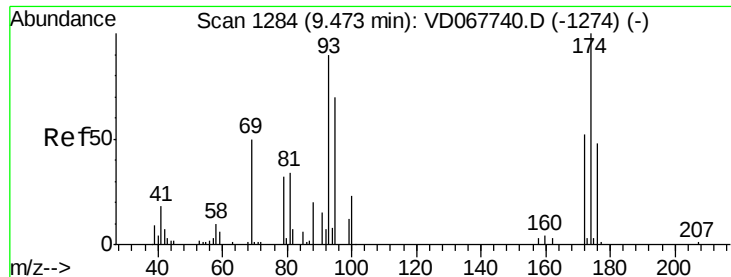
69 106.4 87.8 131.6

39 73.4 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

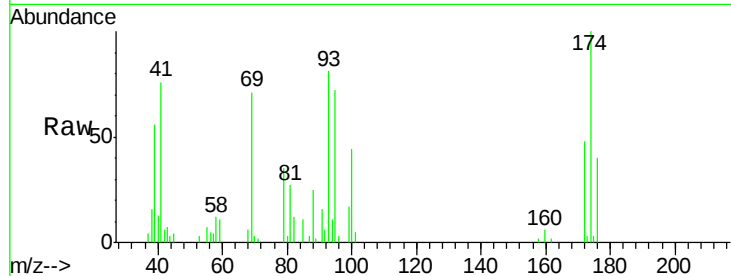




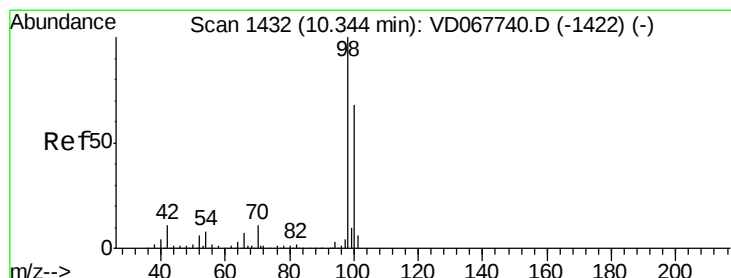
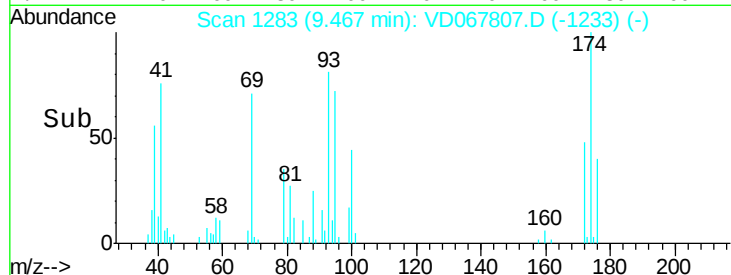
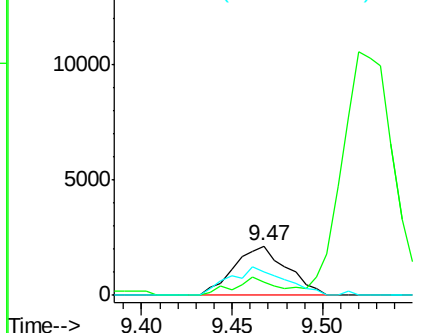
#49
1,4-Dioxane
Concen: 362.668 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

Tgt Ion: 88 Resp: 4304
Ion Ratio Lower Upper
88 100
43 27.5 25.2 37.8
58 60.8 48.2 72.2

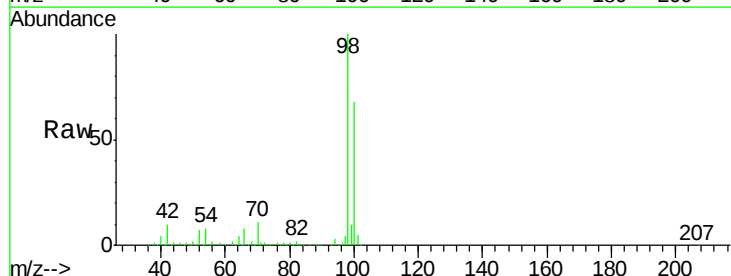


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

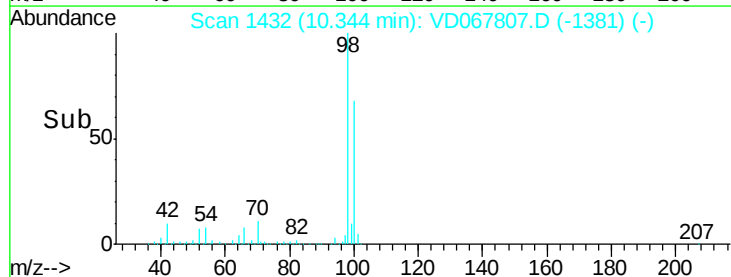
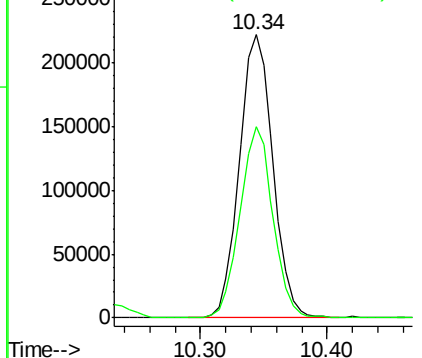


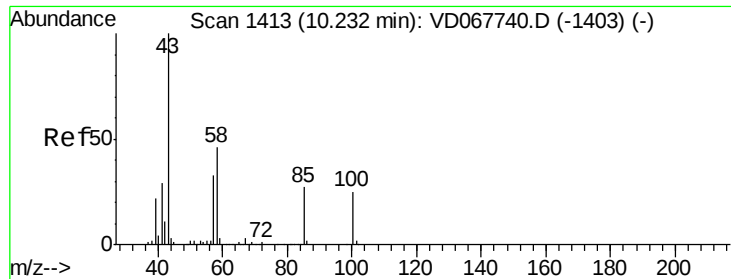
#50
Toluene-d8
Concen: 52.699 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 98 Resp: 407839
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

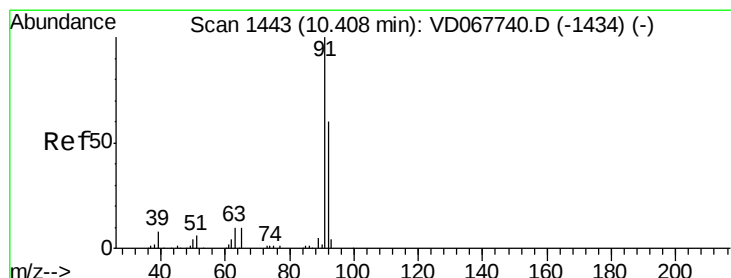
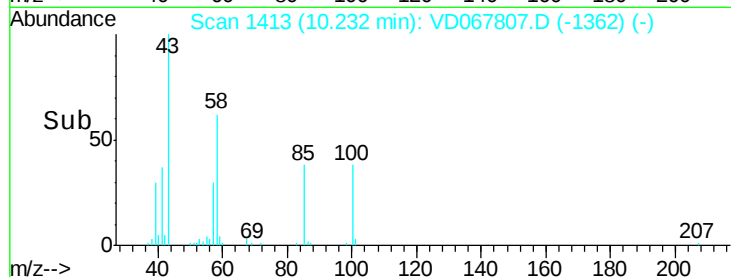
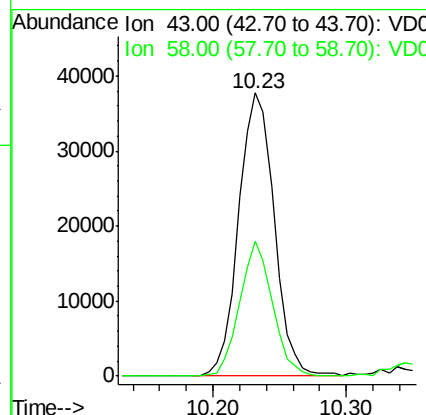
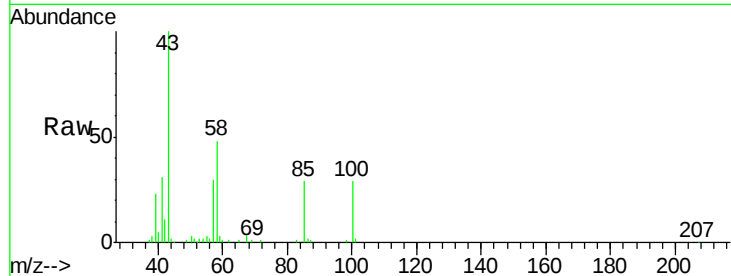




#51
 4-Methyl-2-Pentanone
 Concen: 96.540 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

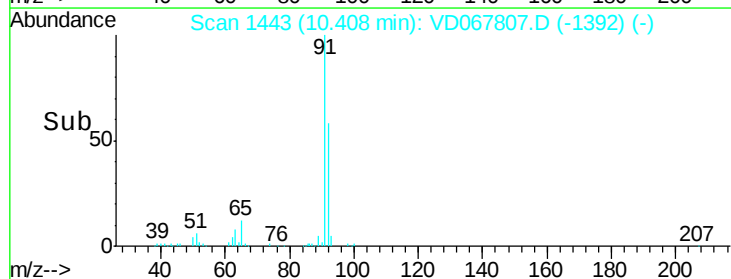
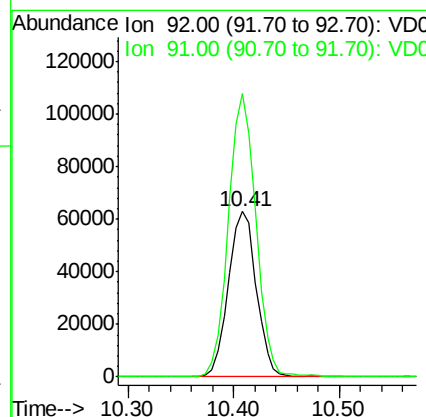
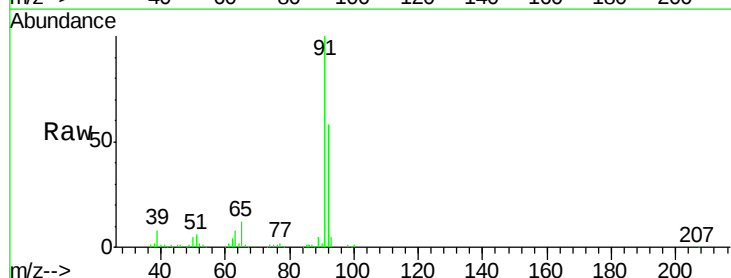
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBSD01

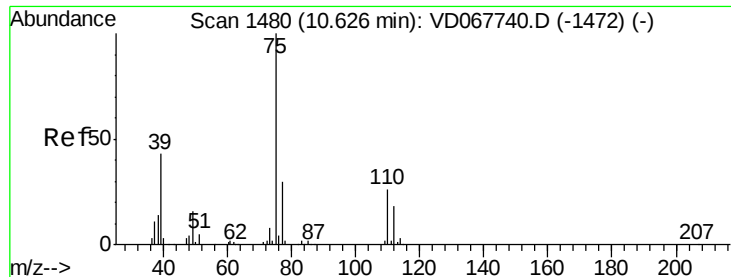
Tgt Ion: 43 Resp: 69625
 Ion Ratio Lower Upper
 43 100
 58 43.9 34.7 52.1



#52
 Toluene
 Concen: 21.704 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion: 92 Resp: 115417
 Ion Ratio Lower Upper
 92 100
 91 168.0 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 20.419 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

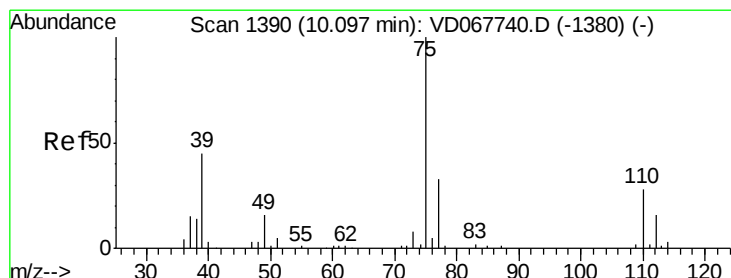
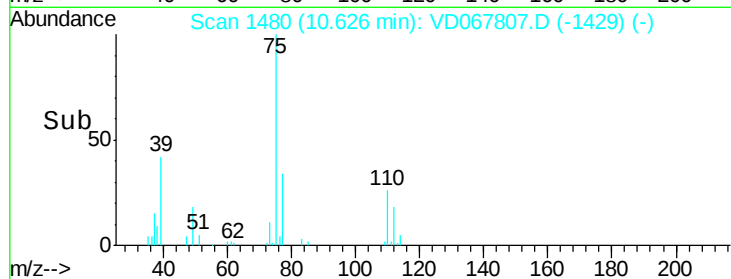
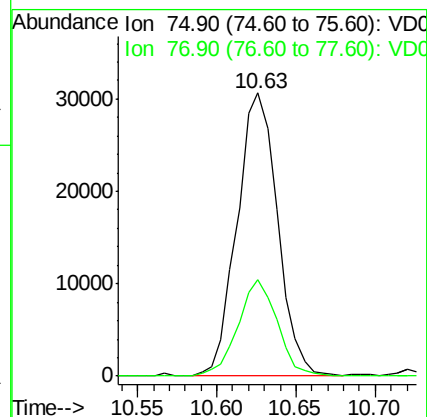
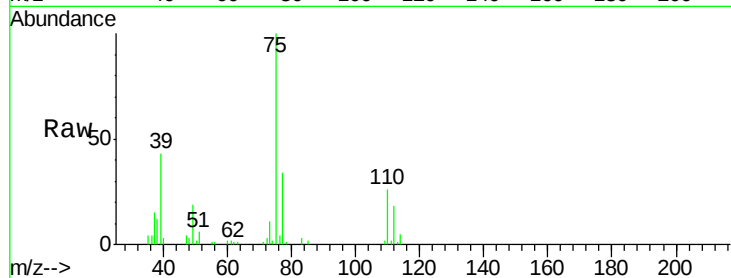
VD1130SBSD01

Tgt Ion: 75 Resp: 54400

Ion Ratio Lower Upper

75 100

77 34.0 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 20.967 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

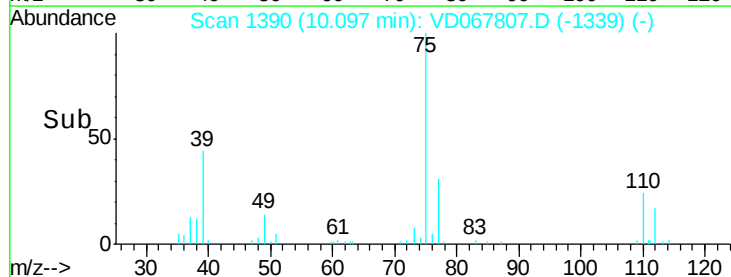
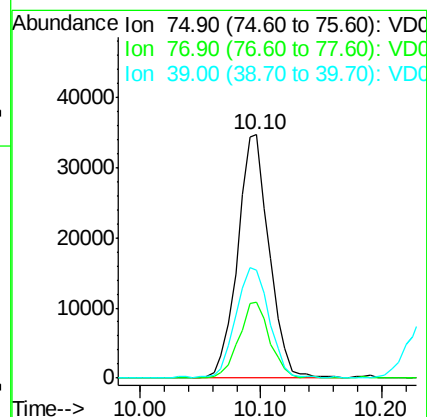
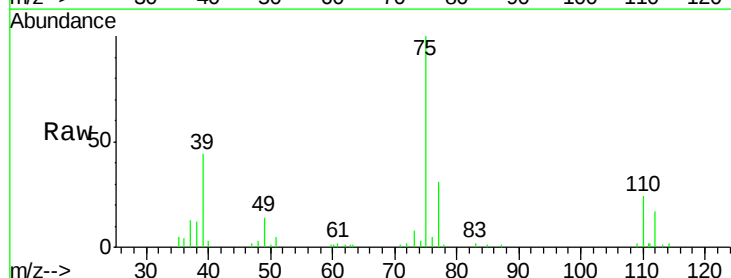
Tgt Ion: 75 Resp: 63217

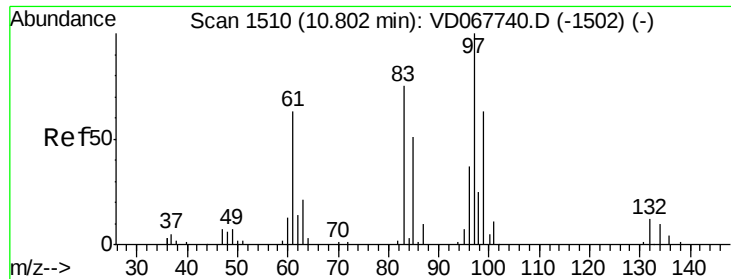
Ion Ratio Lower Upper

75 100

77 31.2 26.1 39.1

39 44.4 35.8 53.6

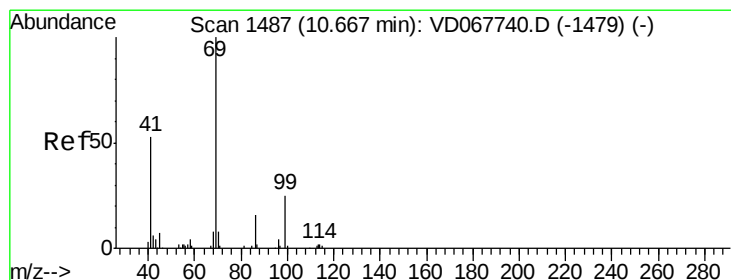
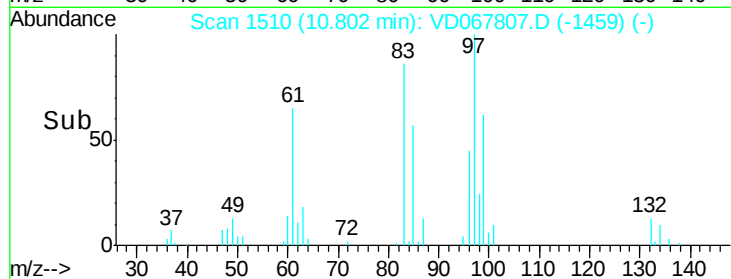
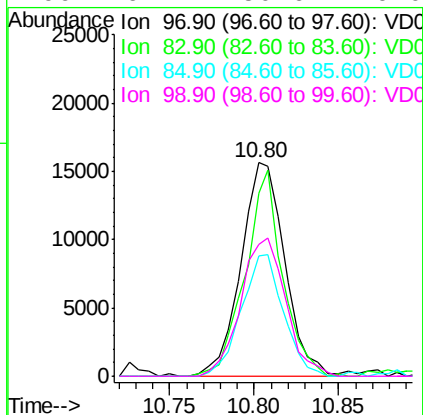
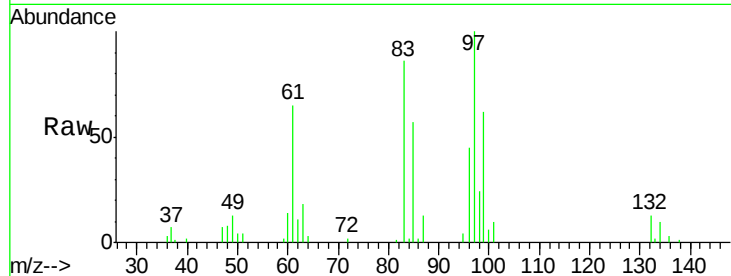




#55
 1,1,2-Trichloroethane
 Concen: 19.258 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

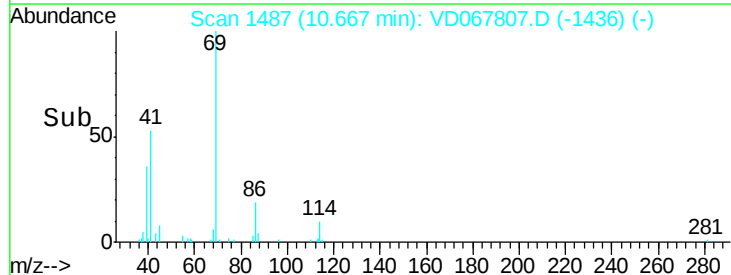
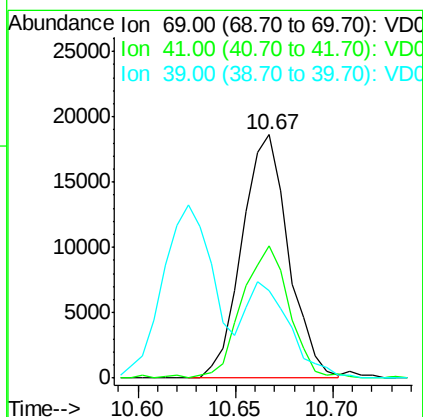
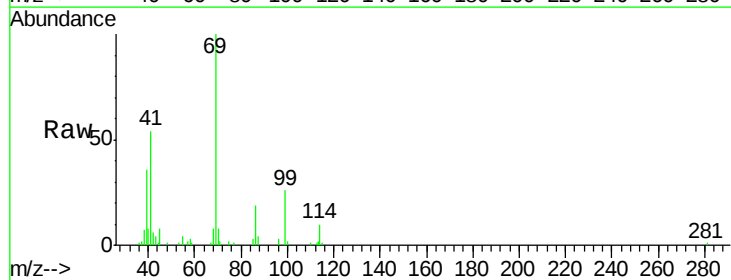
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBSD01

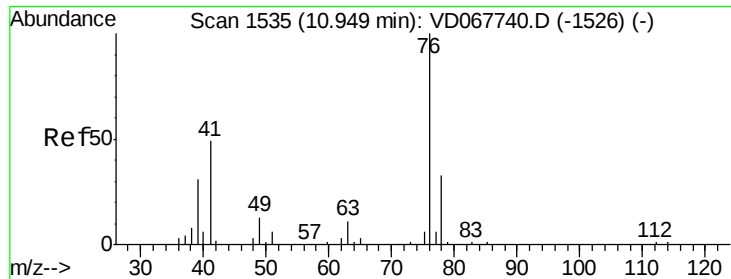
Tgt Ion:	97	Resp:	28296
Ion	Ratio	Lower	Upper
97	100		
83	85.9	60.2	90.4
85	56.6	40.5	60.7
99	61.7	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 20.205 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion:	69	Resp:	30737
Ion	Ratio	Lower	Upper
69	100		
41	55.6	43.4	65.0
39	37.4	29.6	44.4





#57

1,3-Dichloropropane

Concen: 20.629 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

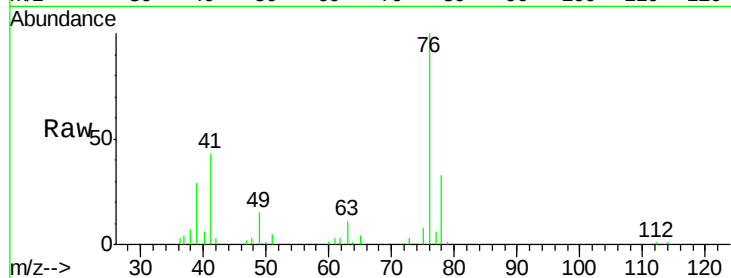
VD1130SBSD01

Tgt Ion: 76 Resp: 47792

Ion Ratio Lower Upper

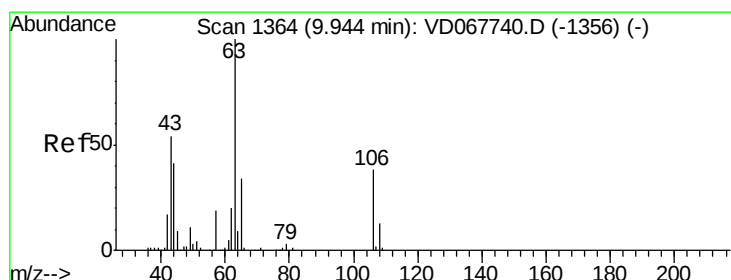
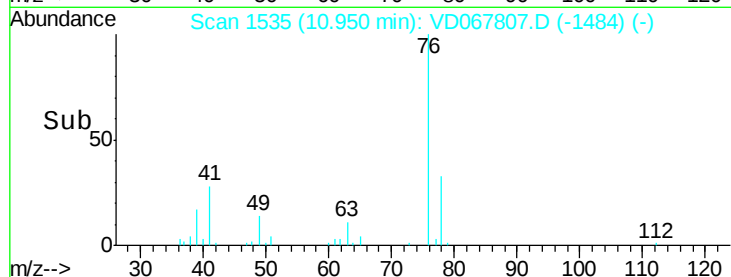
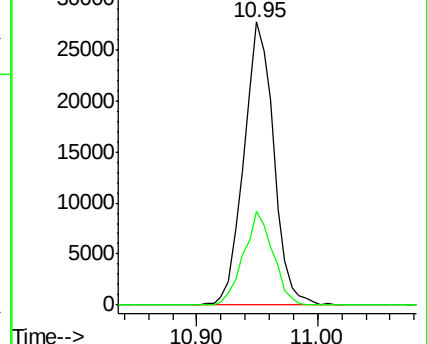
76 100

78 32.6 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: 85.046 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067807.D

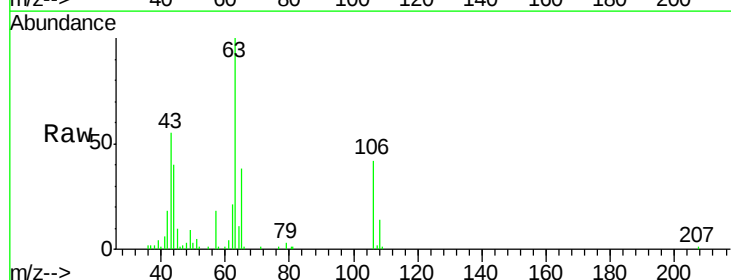
Acq: 30 Nov 2020 11:34

Tgt Ion: 63 Resp: 60450

Ion Ratio Lower Upper

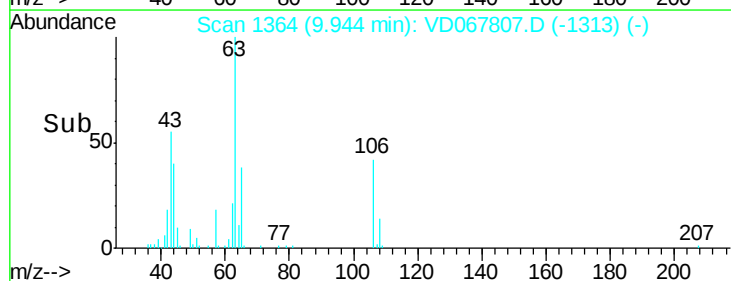
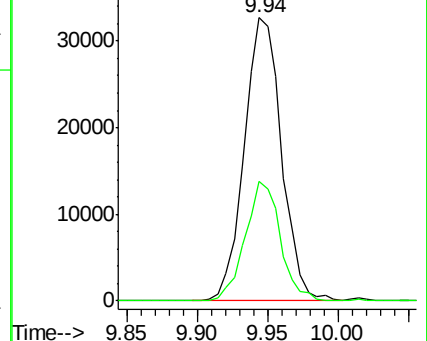
63 100

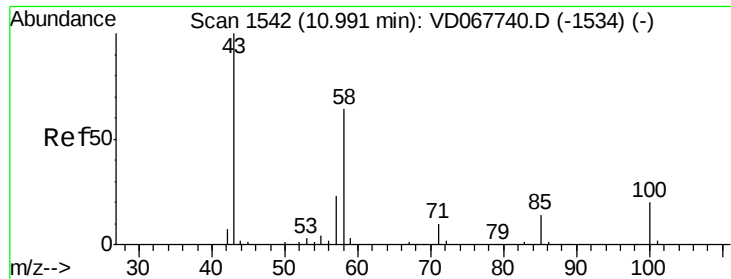
106 39.7 31.0 46.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

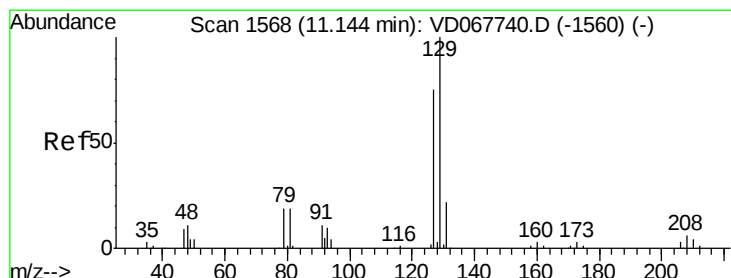
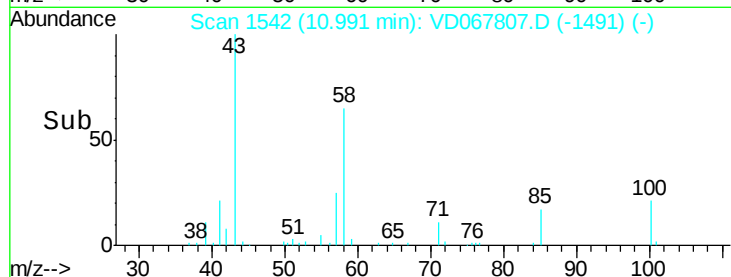
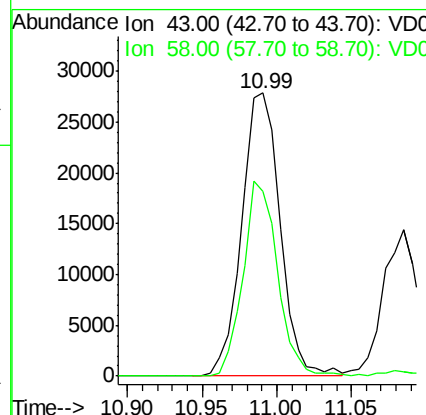
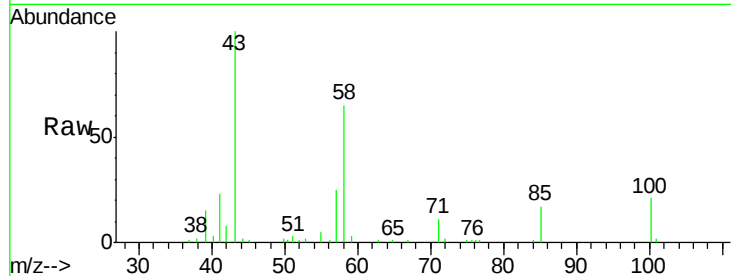




#59
2-Hexanone
Concen: 97.623 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

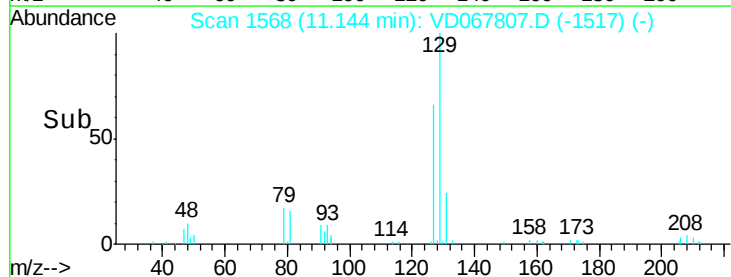
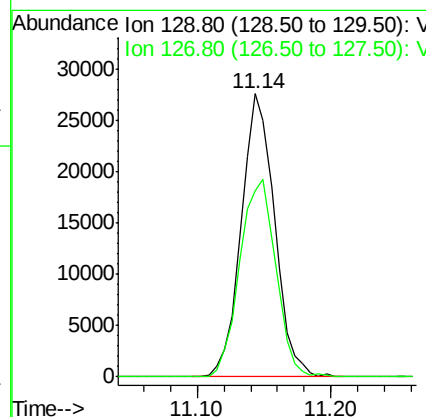
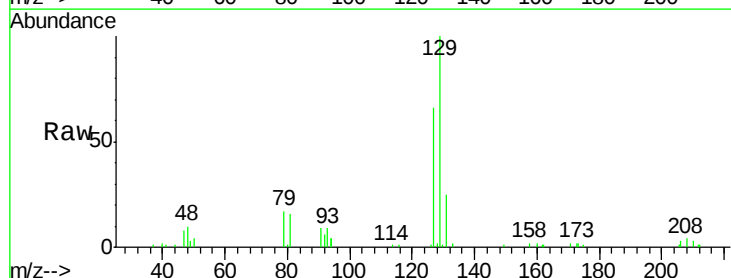
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

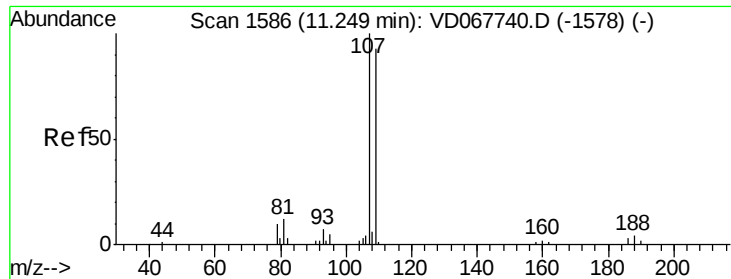
Tgt Ion: 43 Resp: 49709
Ion Ratio Lower Upper
43 100
58 61.7 30.5 91.5



#60
Dibromochloromethane
Concen: 21.273 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 129 Resp: 47631
Ion Ratio Lower Upper
129 100
127 75.6 38.6 115.7





#61

1,2-Dibromoethane

Concen: 20.088 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

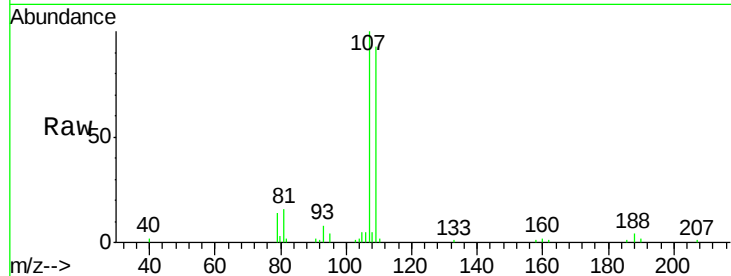
VD1130SBSD01

Tgt Ion: 107 Resp: 29083

Ion Ratio Lower Upper

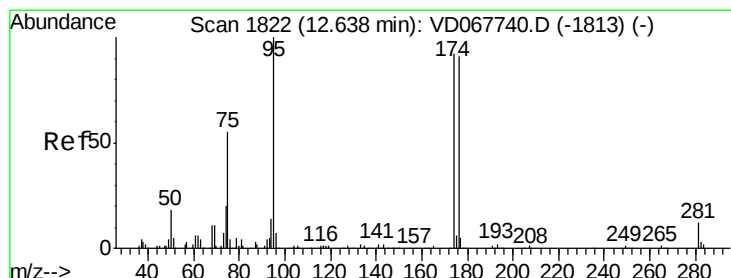
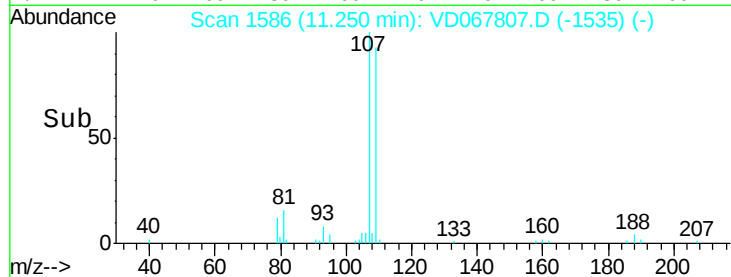
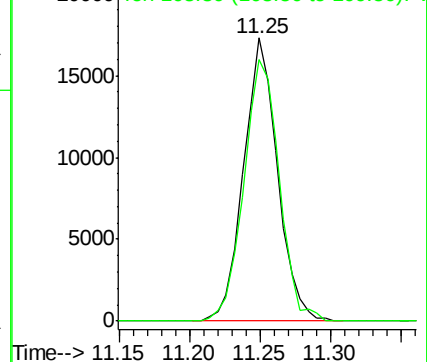
107 100

109 96.5 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.331 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

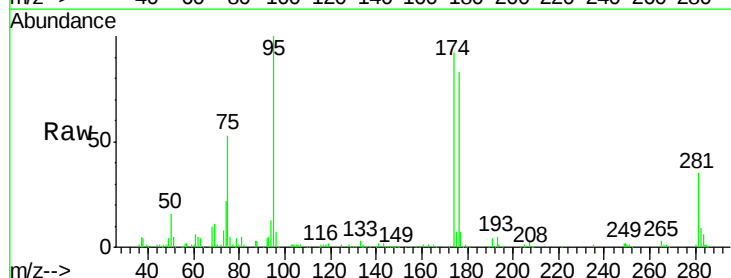
Tgt Ion: 95 Resp: 141073

Ion Ratio Lower Upper

95 100

174 90.0 0.0 182.4

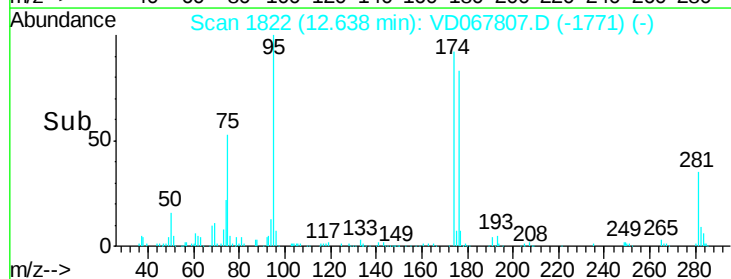
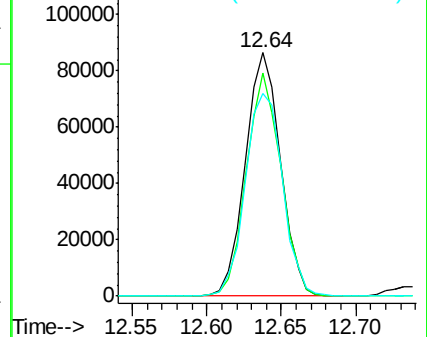
176 88.1 0.0 178.2

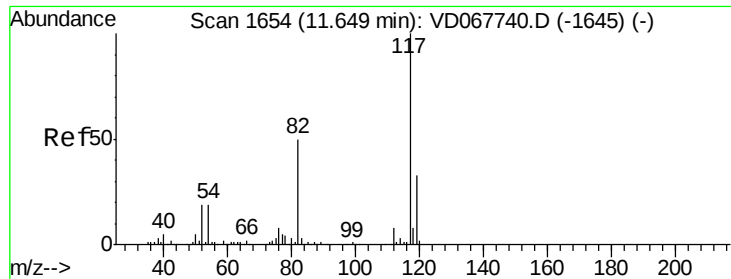


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

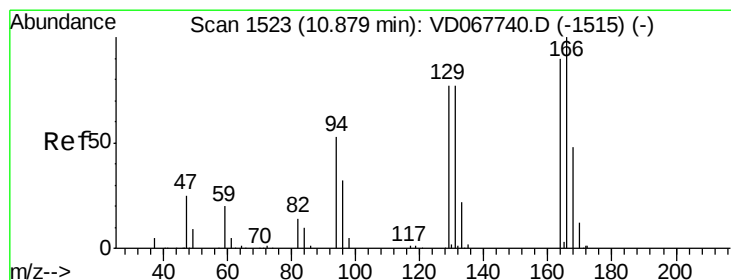
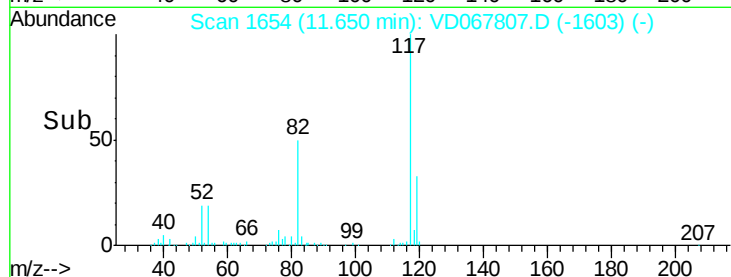
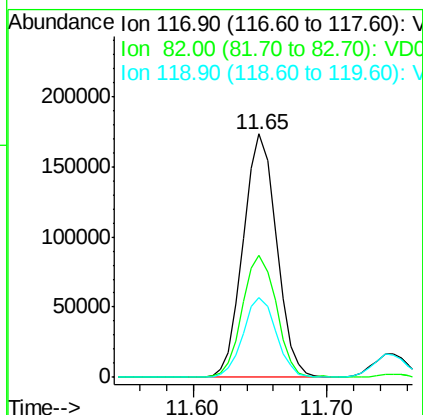
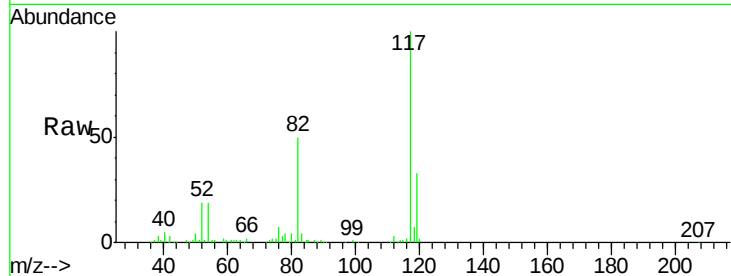




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

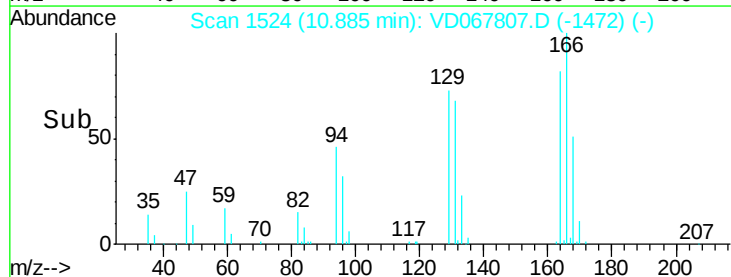
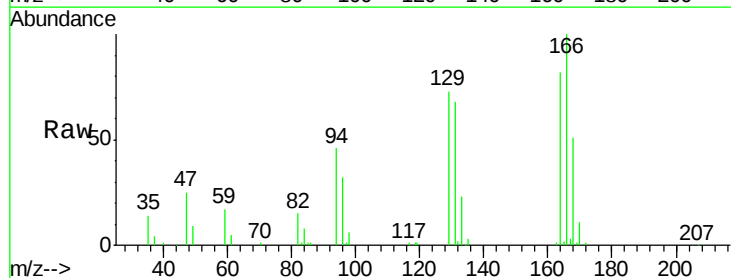
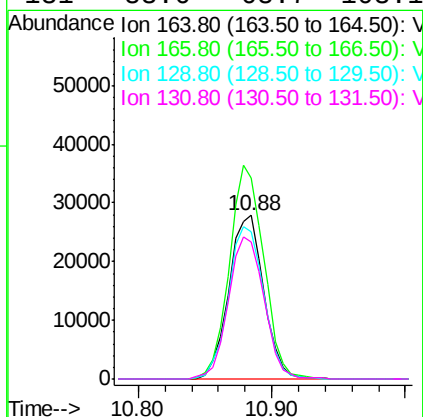
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

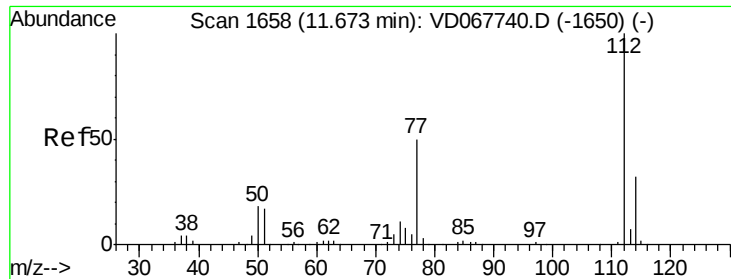
Tgt Ion:117 Resp: 300342
Ion Ratio Lower Upper
117 100
82 50.0 40.2 60.4
119 32.9 26.5 39.7



#64
Tetrachloroethene
Concen: 21.778 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion:164 Resp: 50767
Ion Ratio Lower Upper
164 100
166 122.6 89.2 133.8
129 89.9 68.4 102.6
131 83.6 68.7 103.1





#65

Chlorobenzene

Concen: 21.454 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

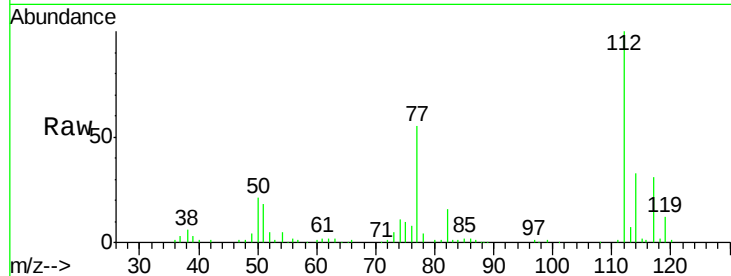
VD1130SBSD01

Tgt Ion:112 Resp: 126644

Ion Ratio Lower Upper

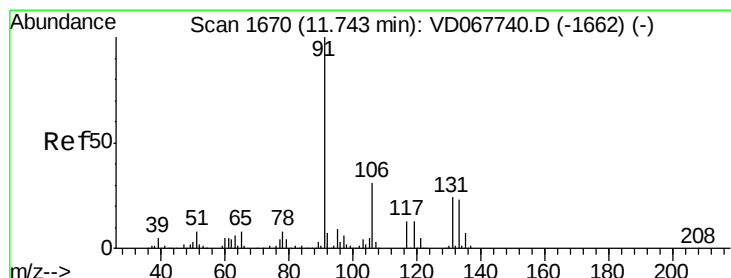
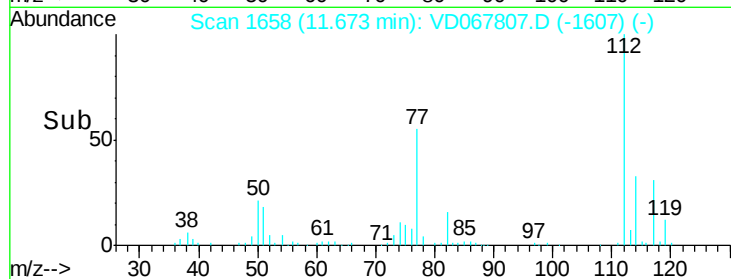
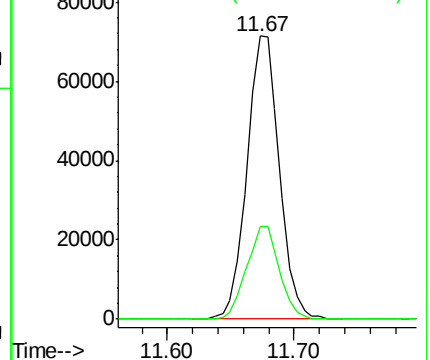
112 100

114 32.6 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.890 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

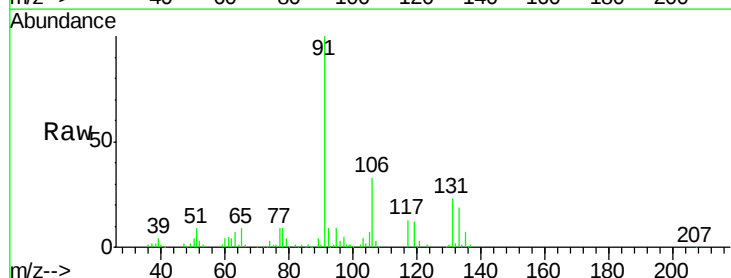
Tgt Ion:131 Resp: 49880

Ion Ratio Lower Upper

131 100

133 99.1 49.0 147.0

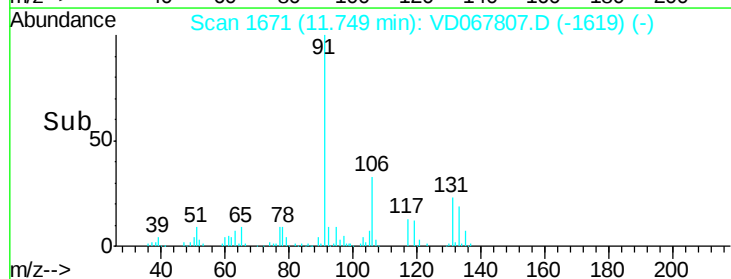
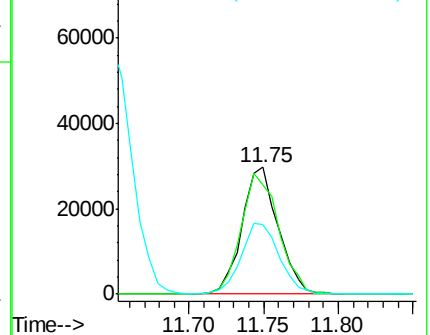
119 59.3 28.8 86.5

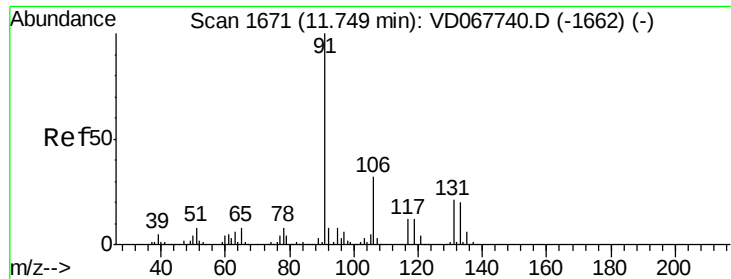


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

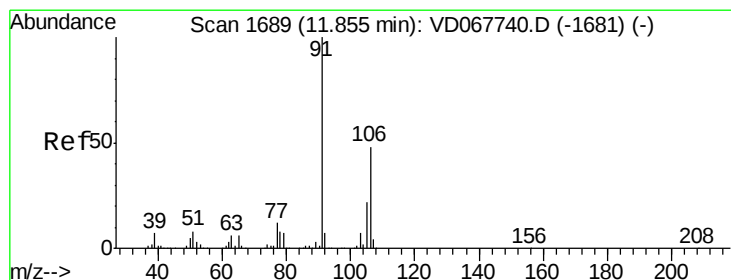
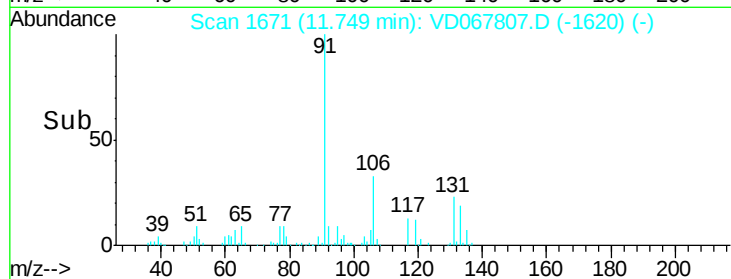
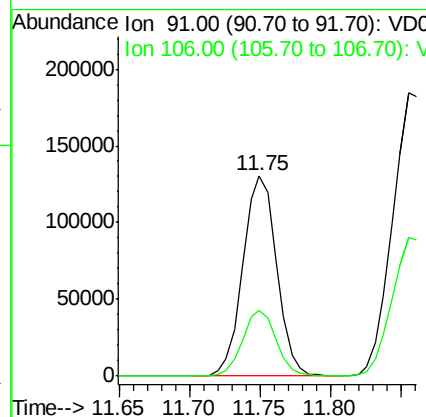
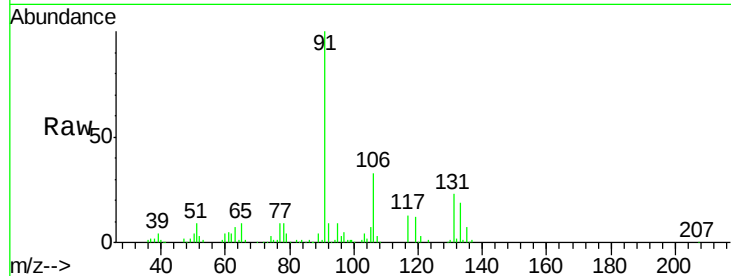




#67
Ethyl Benzene
Concen: 21.506 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

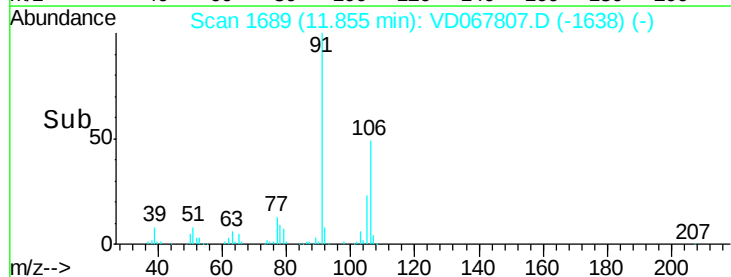
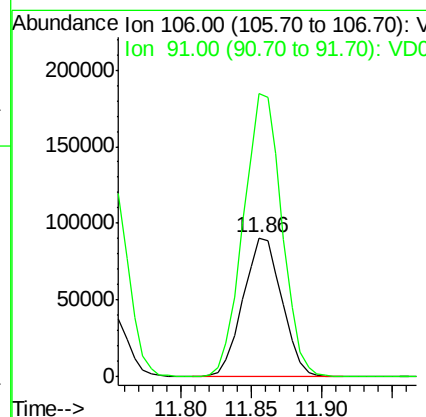
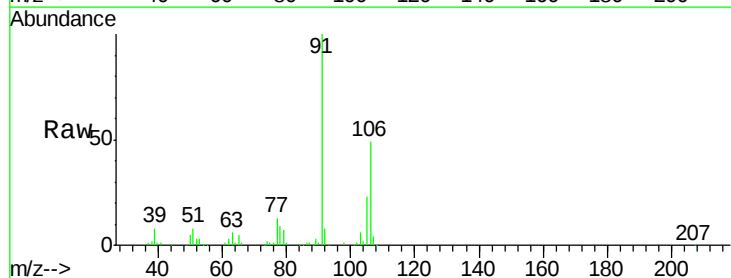
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

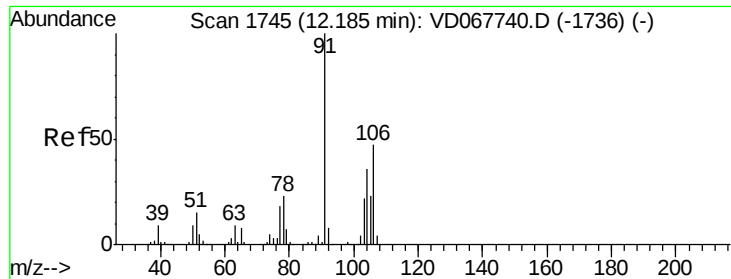
Tgt Ion: 91 Resp: 219165
Ion Ratio Lower Upper
91 100
106 32.8 25.7 38.5



#68
m/p-Xylenes
Concen: 44.083 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 106 Resp: 174820
Ion Ratio Lower Upper
106 100
91 202.0 163.0 244.6

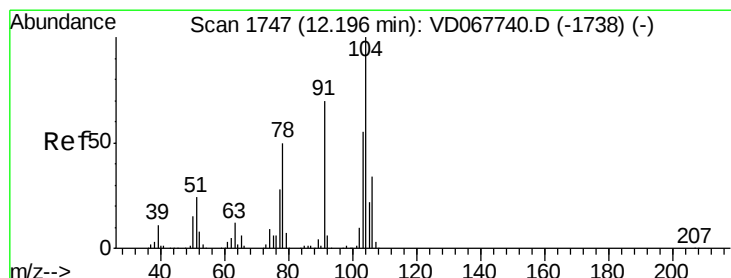
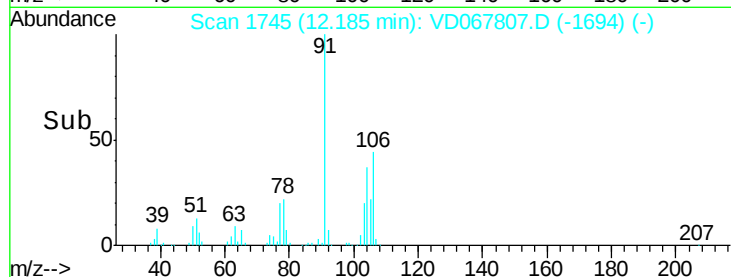
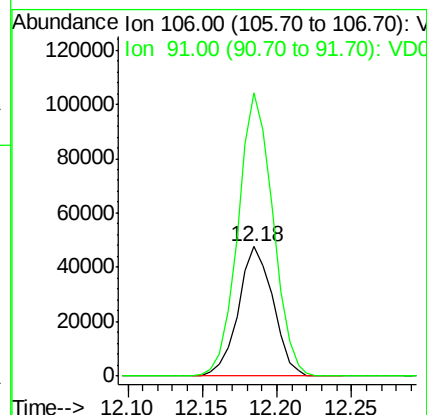
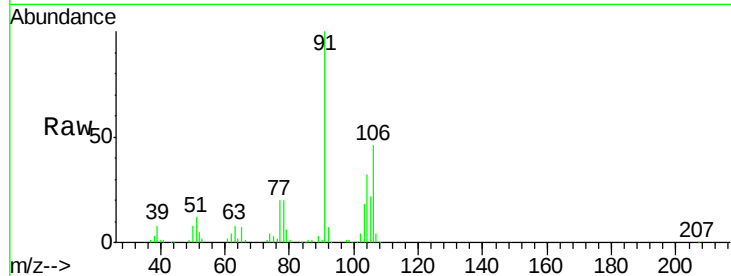




#69
o-Xylene
Concen: 21.336 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

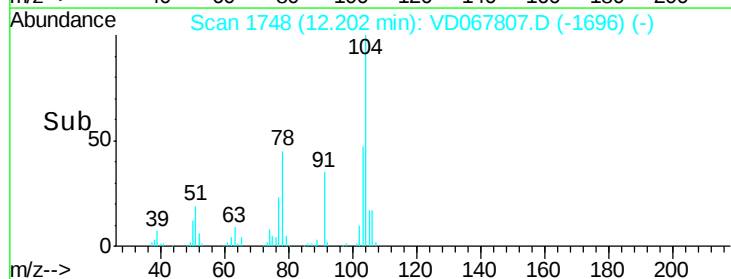
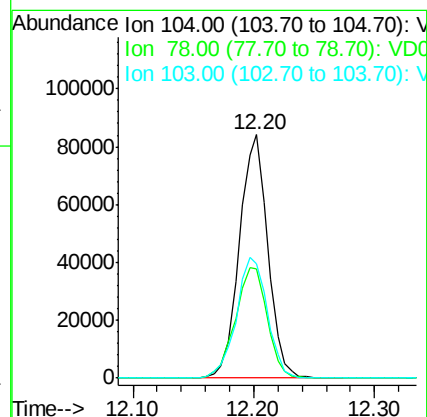
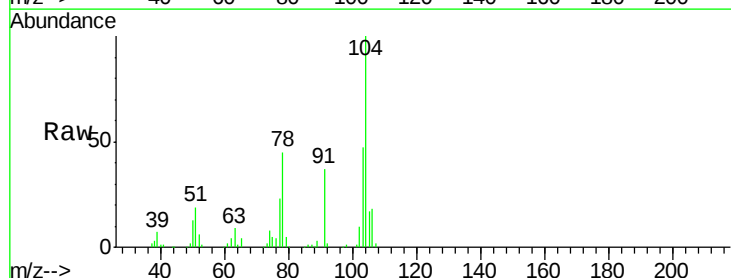
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

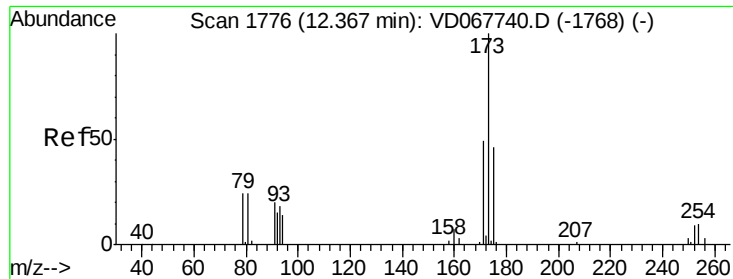
Tgt Ion:106 Resp: 77039
Ion Ratio Lower Upper
106 100
91 220.0 106.2 318.6



#70
Styrene
Concen: 22.446 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion:104 Resp: 138049
Ion Ratio Lower Upper
104 100
78 51.0 41.9 62.9
103 53.9 44.1 66.1

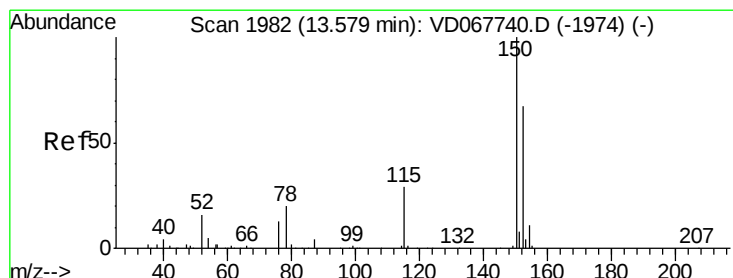
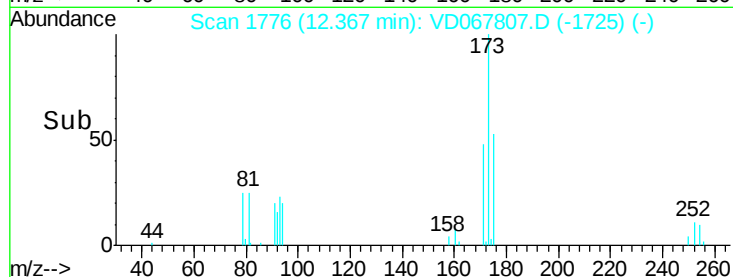
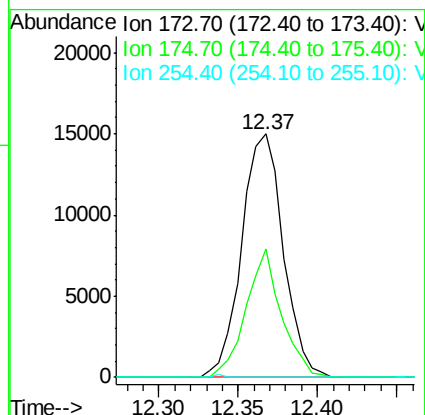
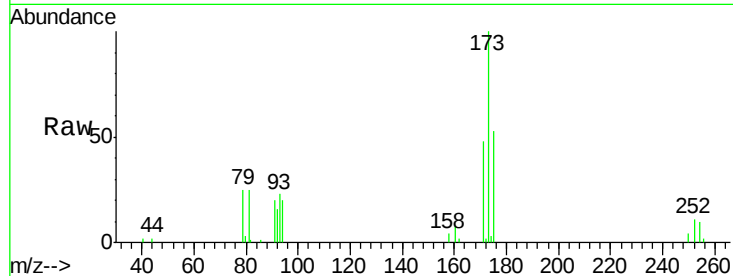




#71
Bromoform
Concen: 21.069 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

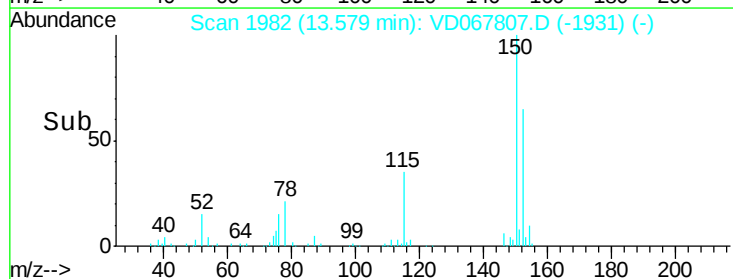
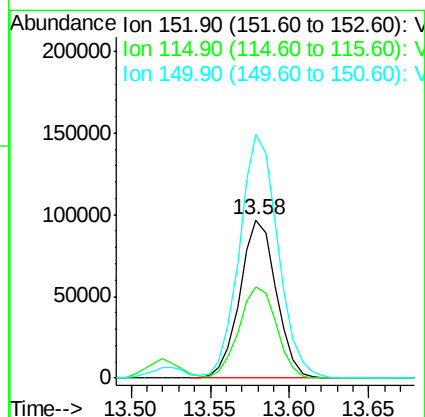
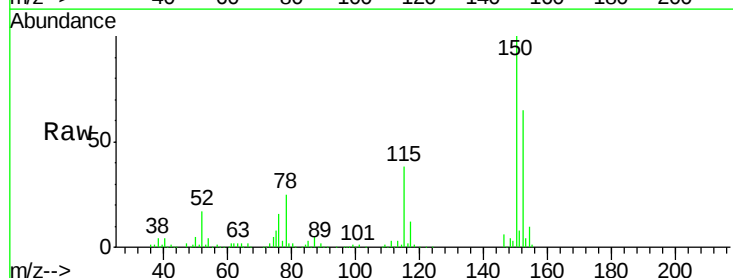
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

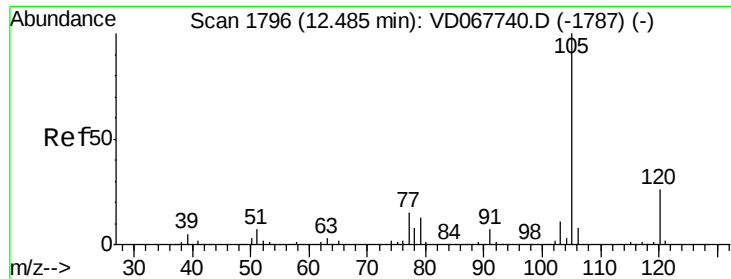
Tgt Ion:173 Resp: 27311
Ion Ratio Lower Upper
173 100
175 44.7 23.9 71.7
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion:152 Resp: 153612
Ion Ratio Lower Upper
152 100
115 59.9 29.4 88.3
150 163.2 0.0 340.6





#73

Isopropylbenzene

Concen: 22.322 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

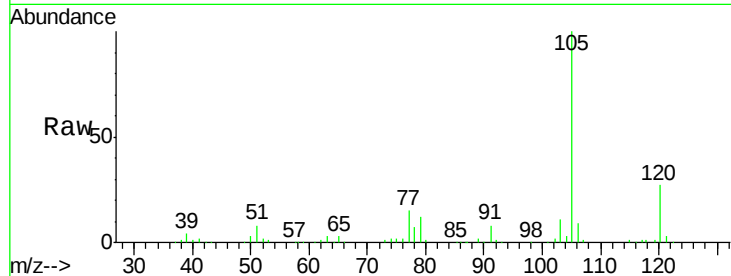
VD1130SBS01

Tgt Ion: 105 Resp: 225613

Ion Ratio Lower Upper

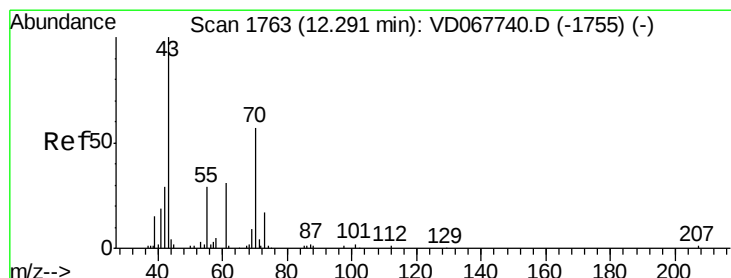
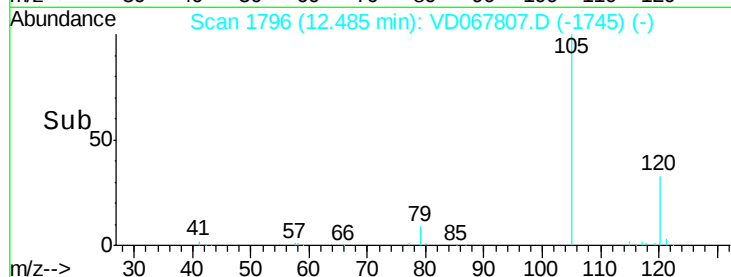
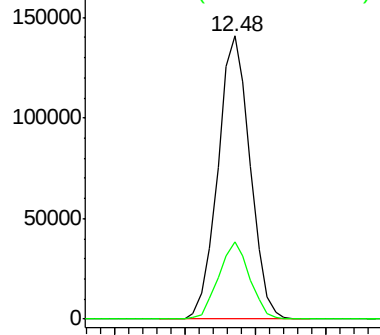
105 100

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



#74

N-ethyl acetate

Concen: 19.388 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Tgt Ion: 43 Resp: 25841

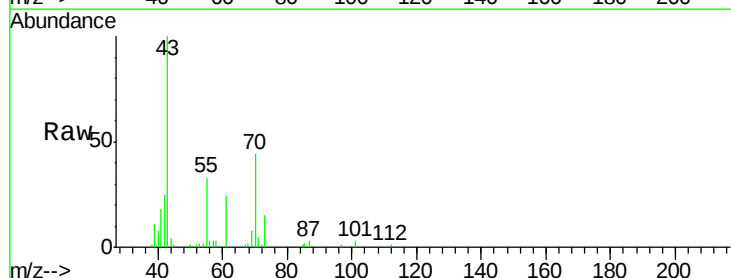
Ion Ratio Lower Upper

43 100

70 48.5 44.6 66.8

55 32.4 24.2 36.2

61 27.0 22.0 33.0

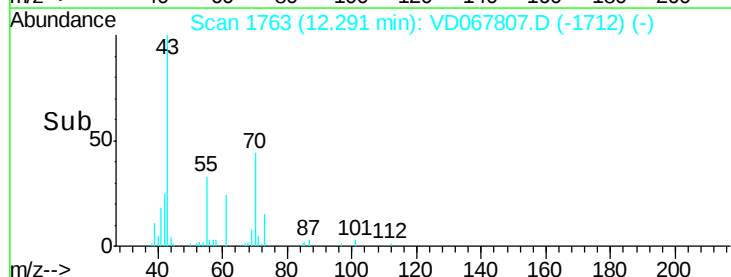
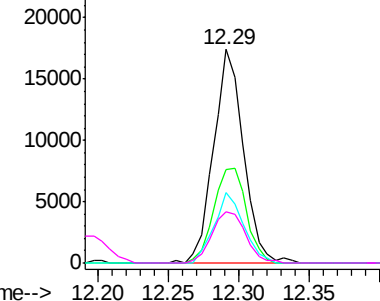


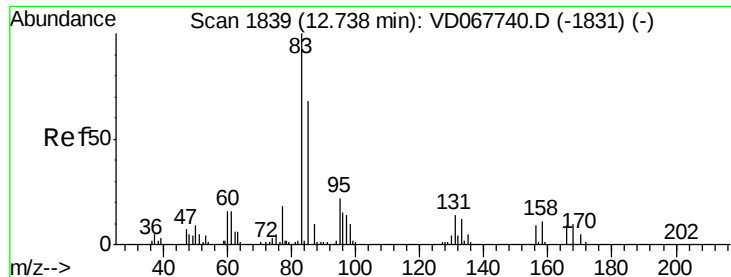
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.852 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBSD01

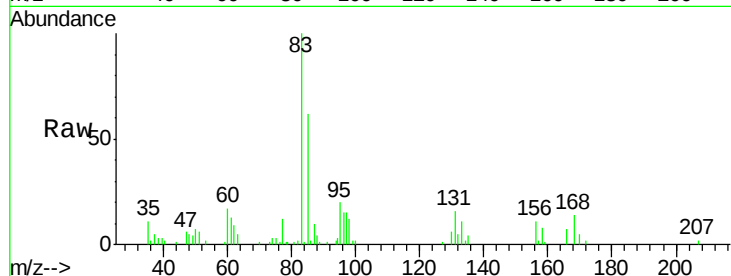
Tgt Ion: 83 Resp: 26927

Ion Ratio Lower Upper

83 100

131 15.5 8.1 24.1

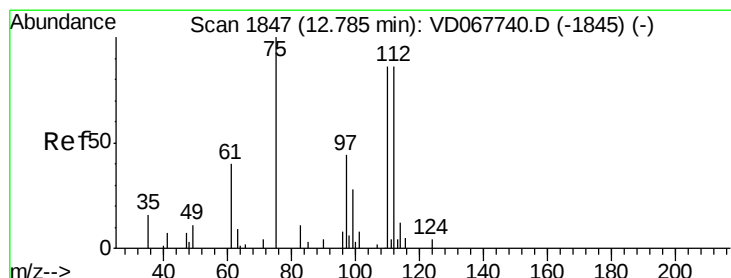
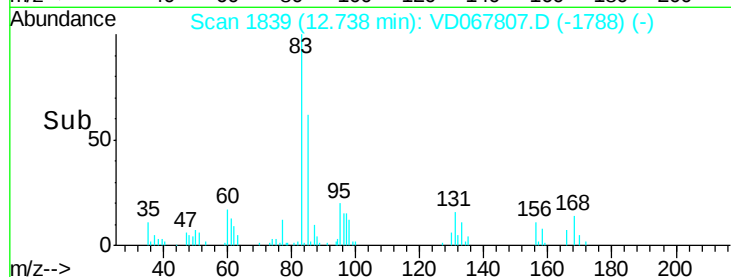
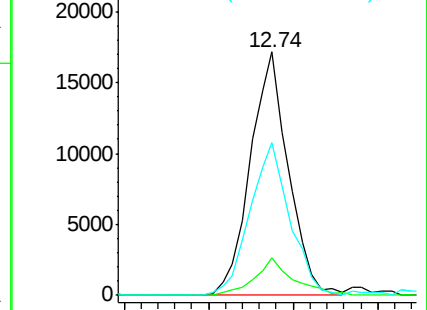
85 65.7 33.9 101.7



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: 37.779 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067807.D

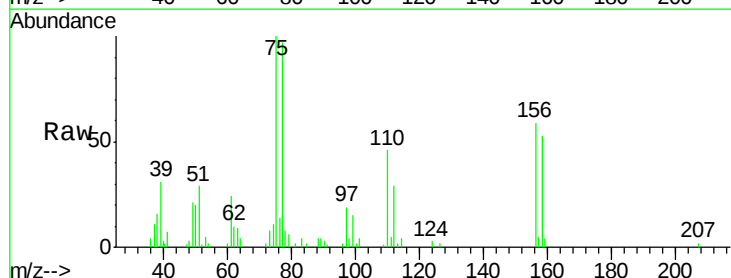
Acq: 30 Nov 2020 11:34

Tgt Ion: 75 Resp: 40446

Ion Ratio Lower Upper

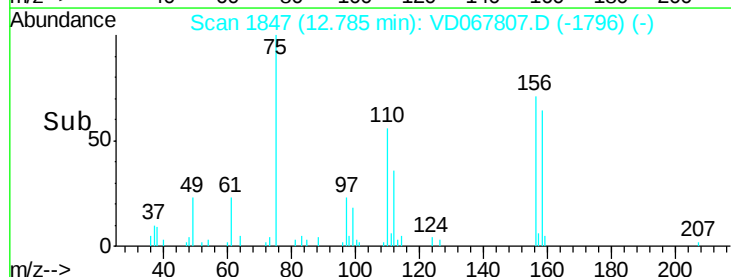
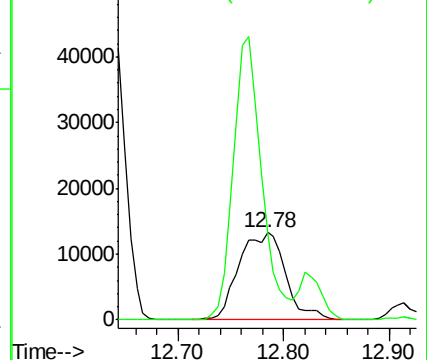
75 100

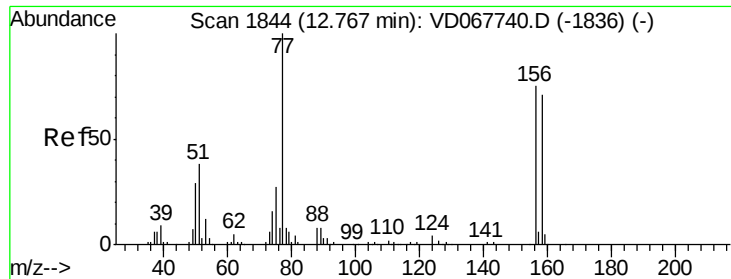
77 197.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.439 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBSD01

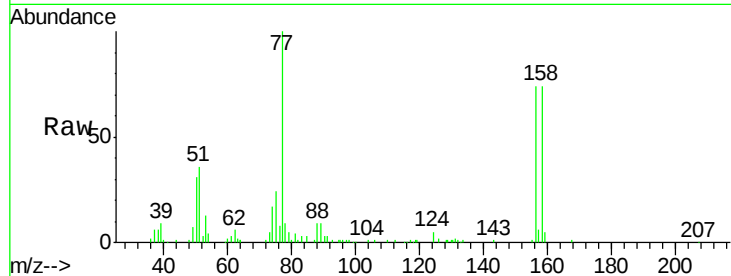
Tgt Ion:156 Resp: 54242

Ion Ratio Lower Upper

156 100

77 147.5 73.5 220.3

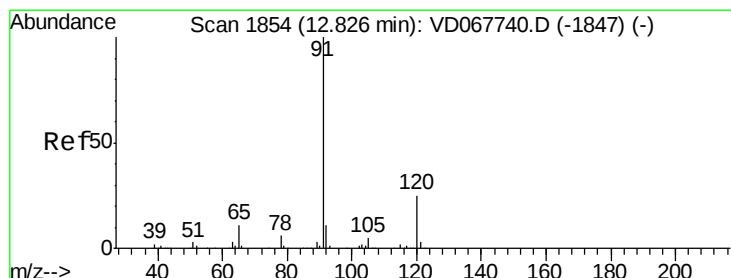
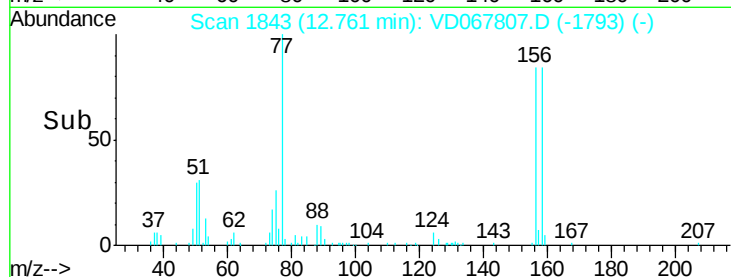
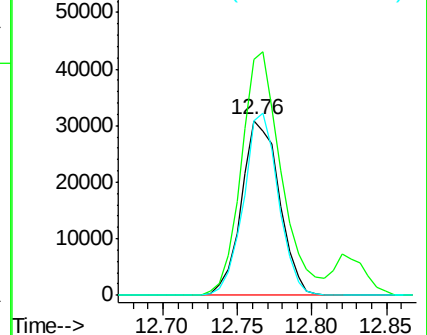
158 96.2 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.961 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067807.D

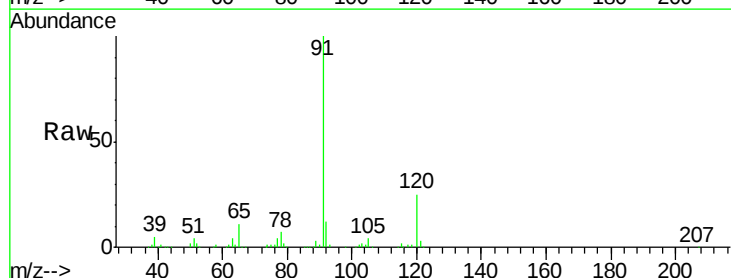
Acq: 30 Nov 2020 11:34

Tgt Ion: 91 Resp: 246946

Ion Ratio Lower Upper

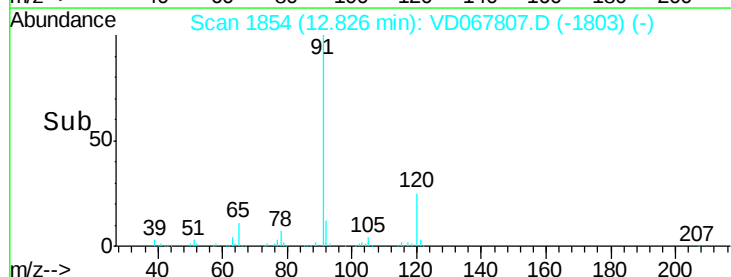
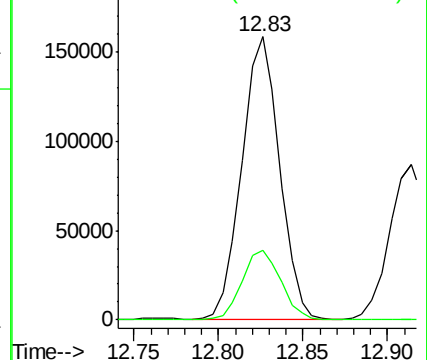
91 100

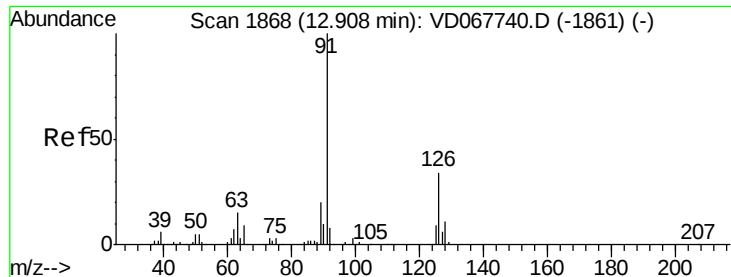
120 25.2 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.986 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

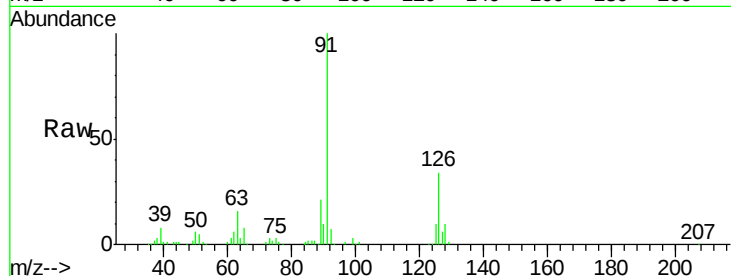
VD1130SBS01

Tgt Ion: 91 Resp: 146374

Ion Ratio Lower Upper

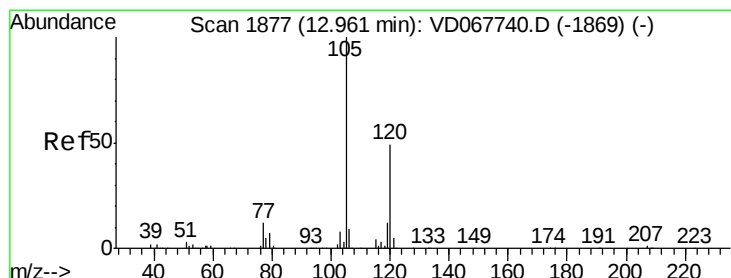
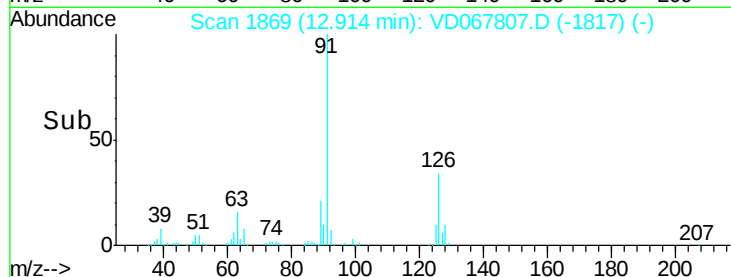
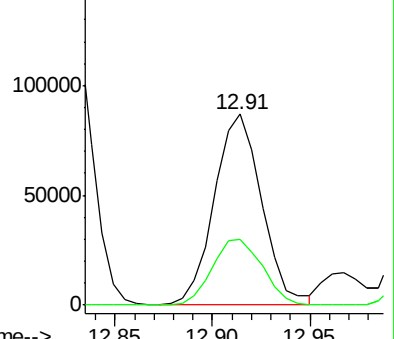
91 100

126 36.7 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VD067740.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD067740.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.119 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD067807.D

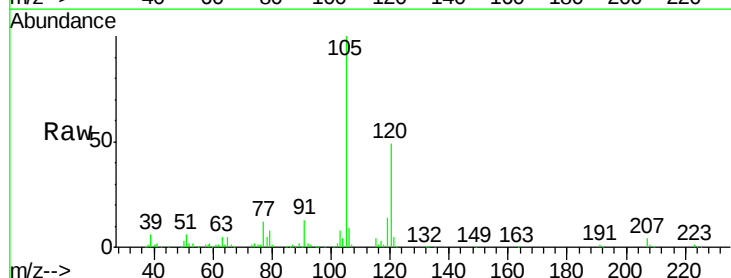
Acq: 30 Nov 2020 11:34

Tgt Ion: 105 Resp: 194446

Ion Ratio Lower Upper

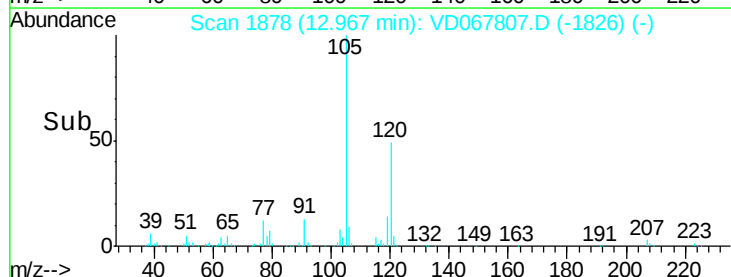
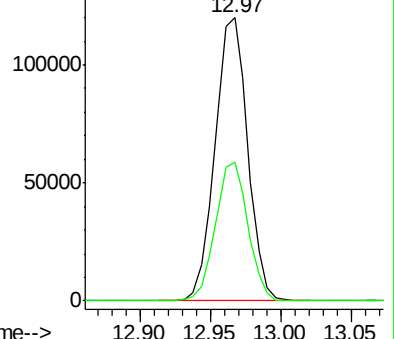
105 100

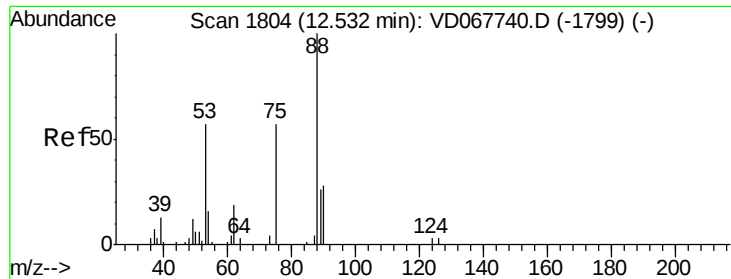
120 48.7 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD067740.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD067740.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.348 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBSD01

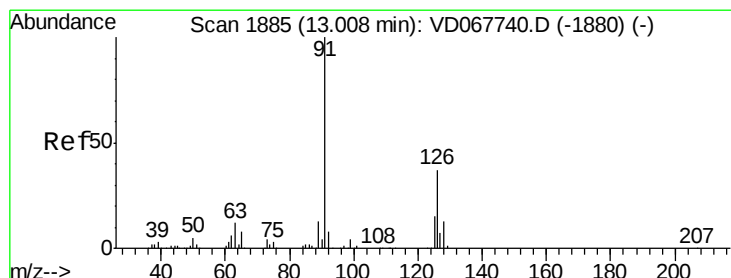
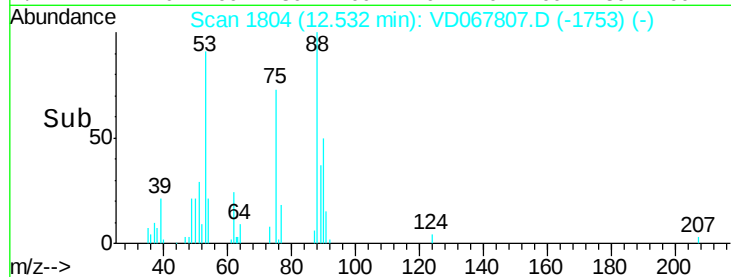
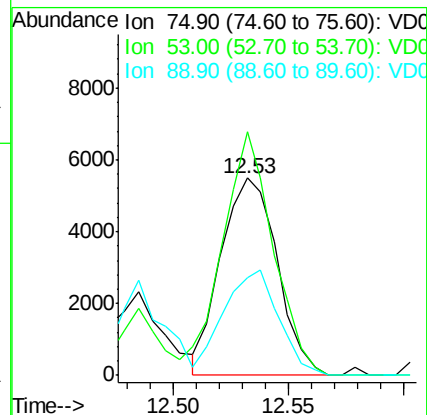
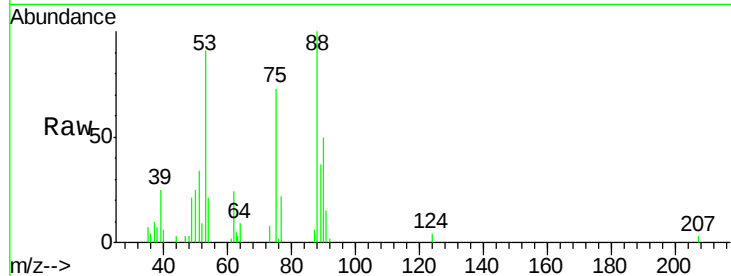
Tgt Ion: 75 Resp: 9314

Ion Ratio Lower Upper

75 100

53 111.8 76.0 114.0

89 52.5 40.2 60.4



#82

4-Chlorotoluene

Concen: 21.172 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067807.D

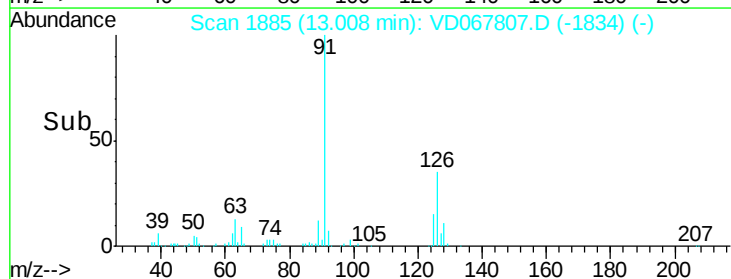
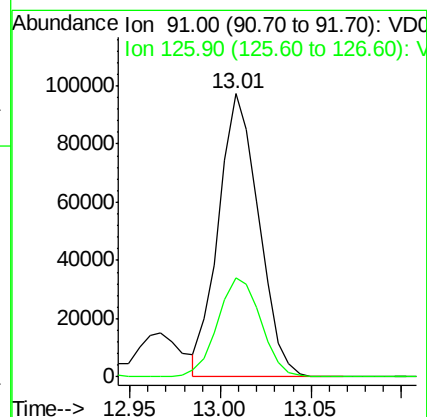
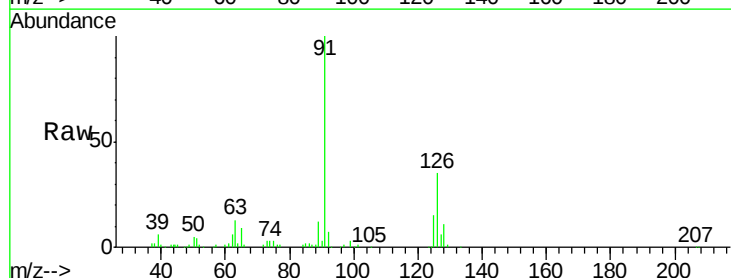
Acq: 30 Nov 2020 11:34

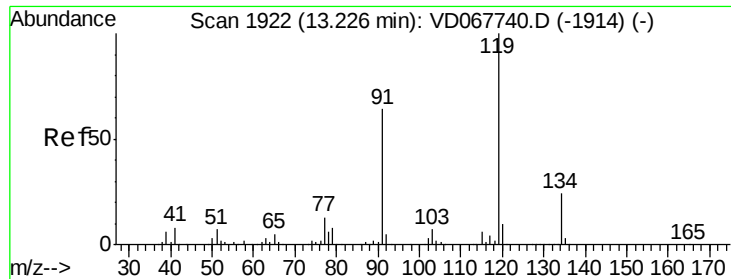
Tgt Ion: 91 Resp: 150188

Ion Ratio Lower Upper

91 100

126 37.5 17.7 53.1

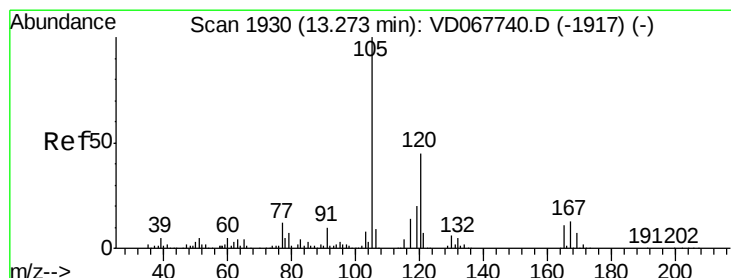
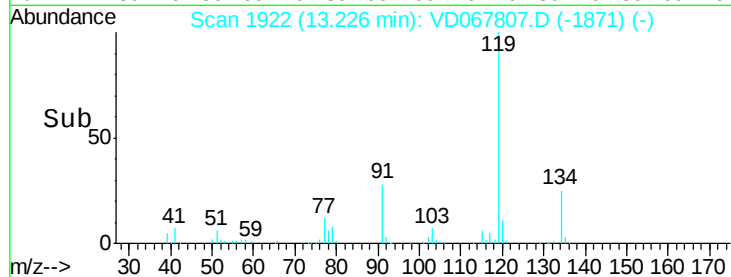
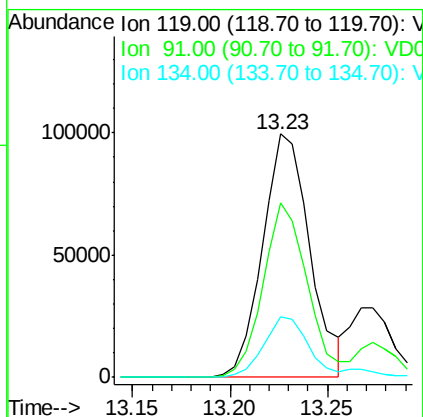
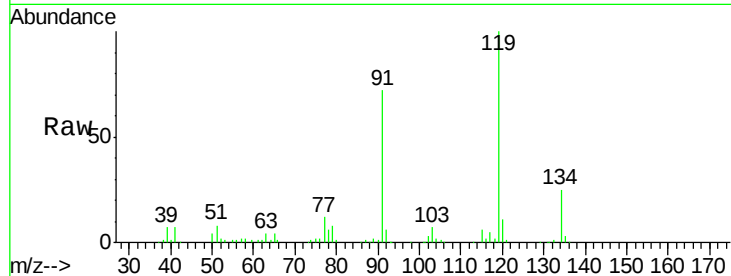




#83
tert-Butylbenzene
Concen: 22.155 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

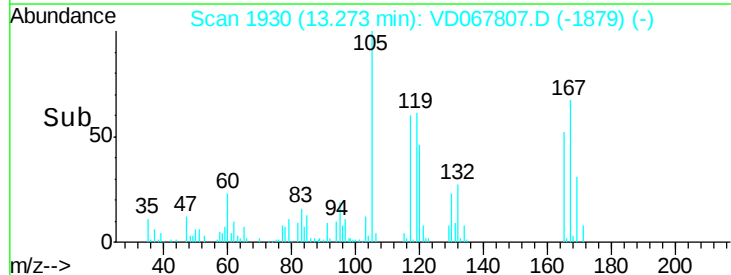
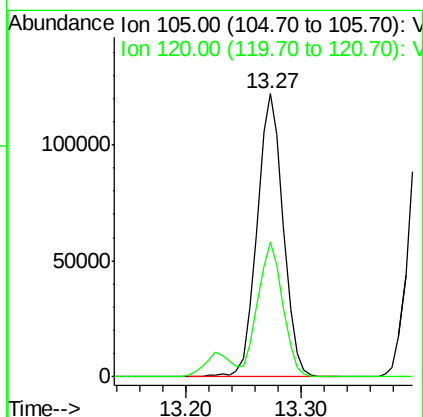
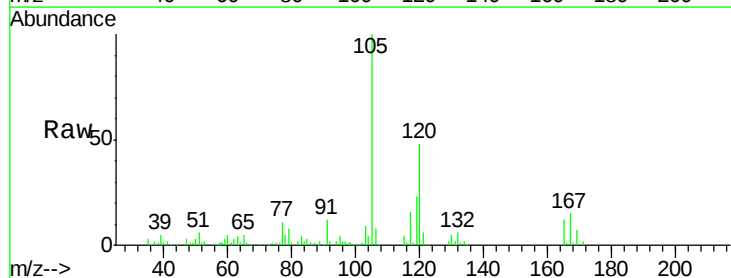
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

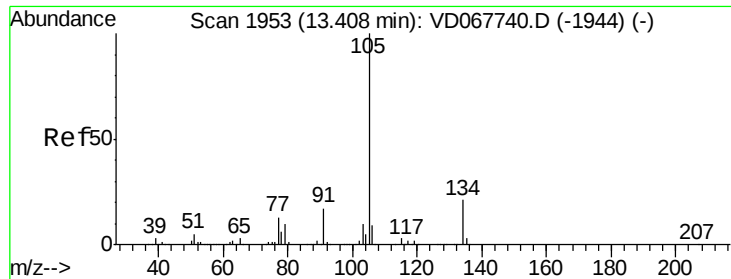
Tgt Ion:119 Resp: 167354
Ion Ratio Lower Upper
119 100
91 66.5 32.9 98.7
134 23.3 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 21.993 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion:105 Resp: 193131
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.7





#85

sec-Butylbenzene

Concen: 22.132 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

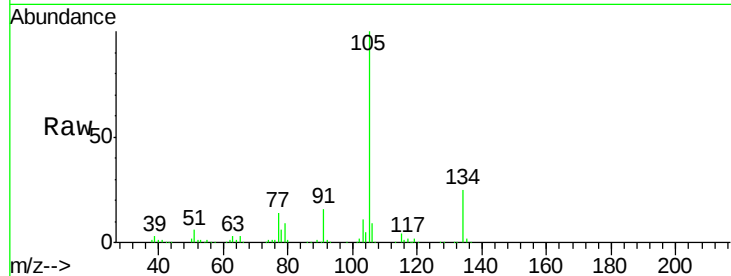
VD1130SBSD01

Tgt Ion:105 Resp: 219631

Ion Ratio Lower Upper

105 100

134 22.2 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

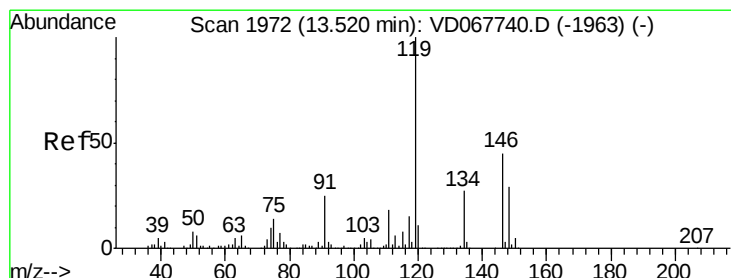
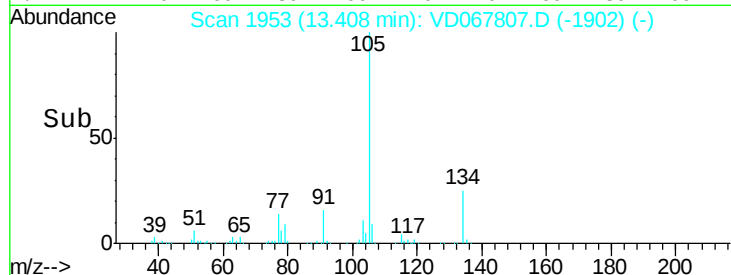
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.064 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067807.D

Acq: 30 Nov 2020 11:34

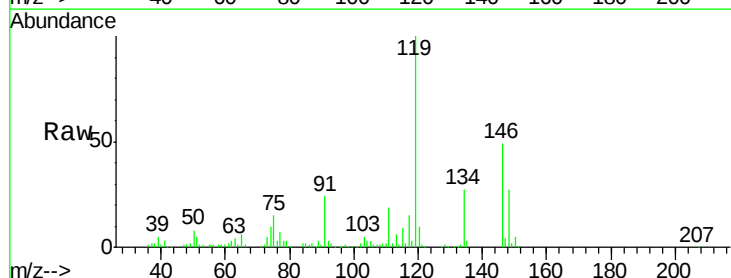
Tgt Ion:119 Resp: 212082

Ion Ratio Lower Upper

119 100

134 26.6 13.0 38.9

91 25.2 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

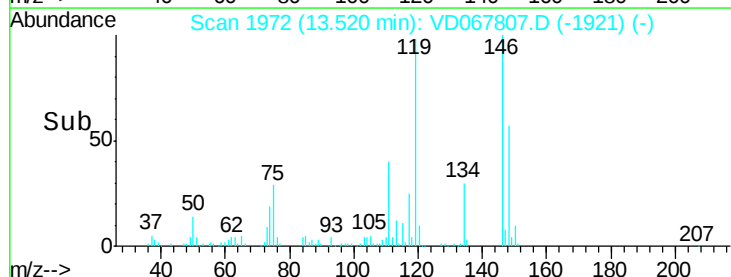
150000

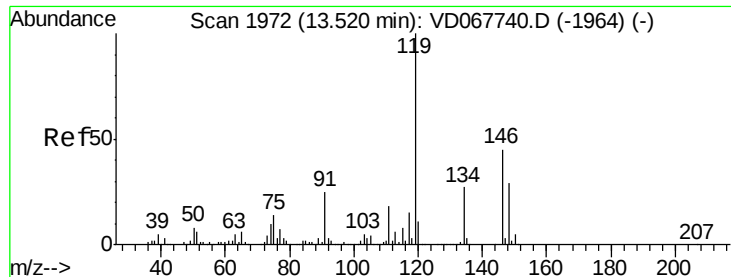
100000

50000

0

Time-->

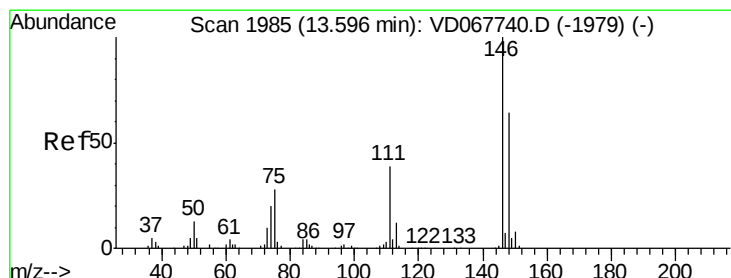
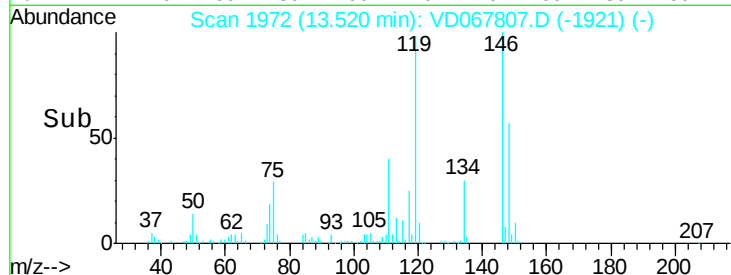
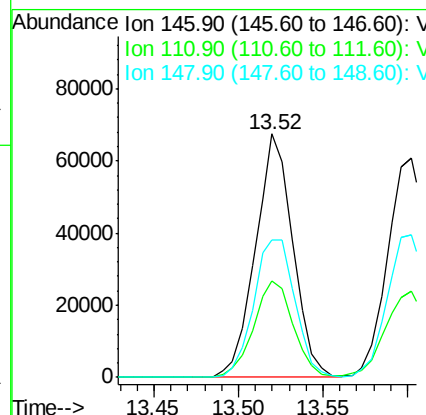
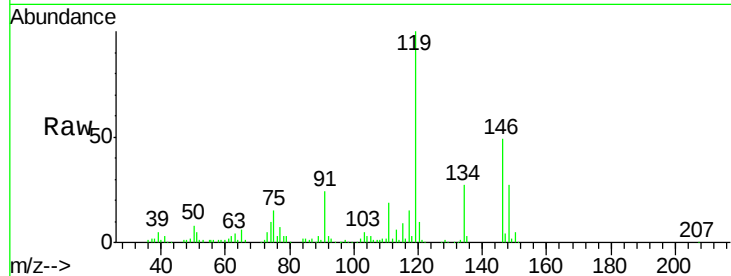




#87
 1,3-Dichlorobenzene
 Concen: 21.252 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

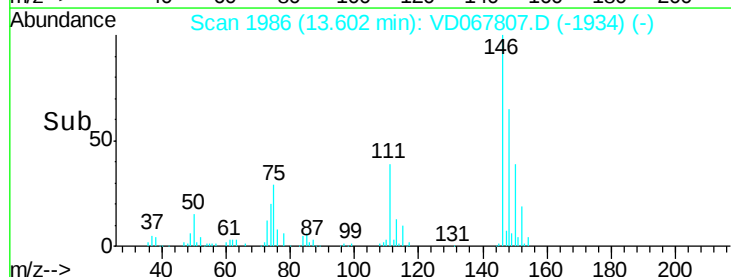
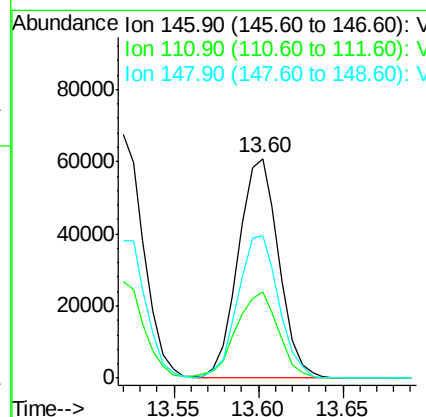
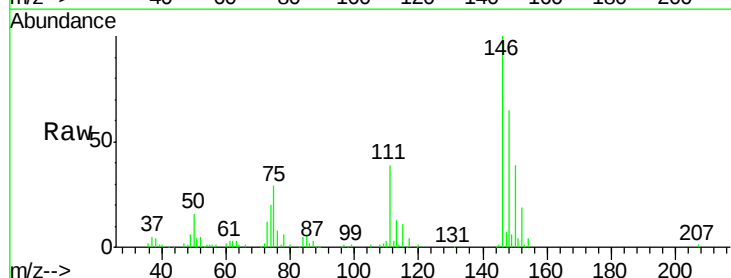
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBSD01

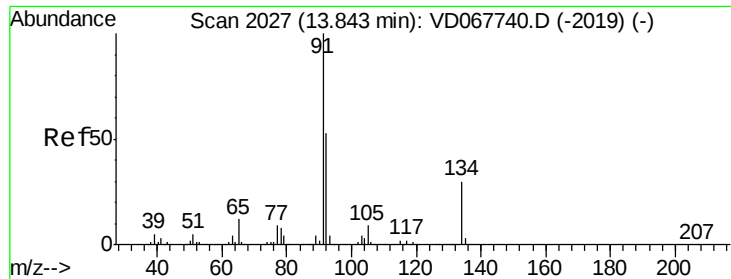
Tgt Ion:146 Resp: 104059
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.2 60.6
 148 62.4 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 20.904 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion:146 Resp: 101394
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.4 58.4
 148 65.6 31.6 94.8

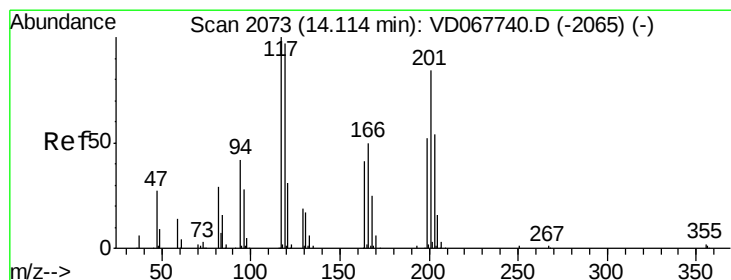
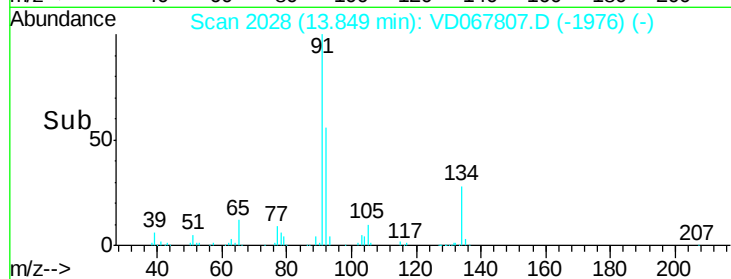
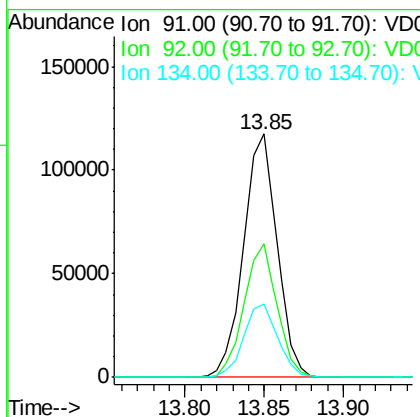
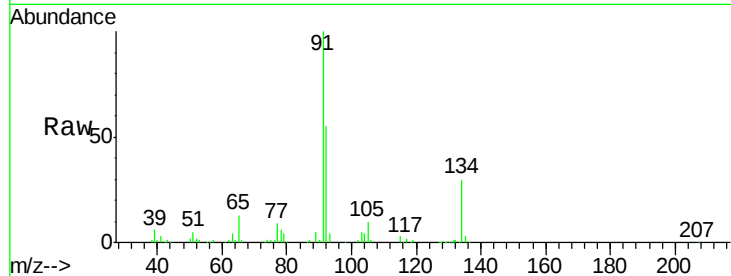




#89
n-Butylbenzene
Concen: 20.973 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

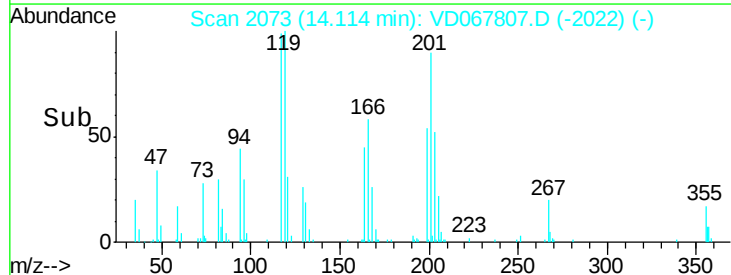
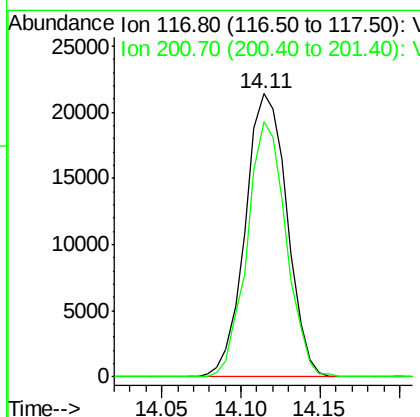
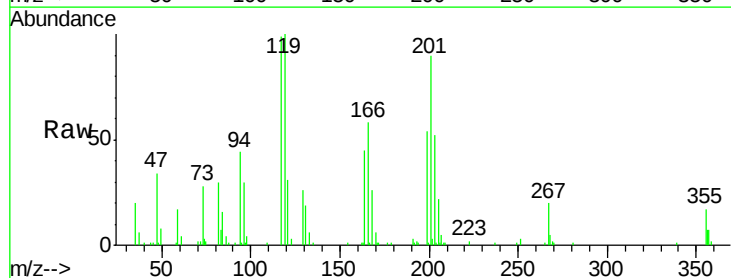
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBSD01

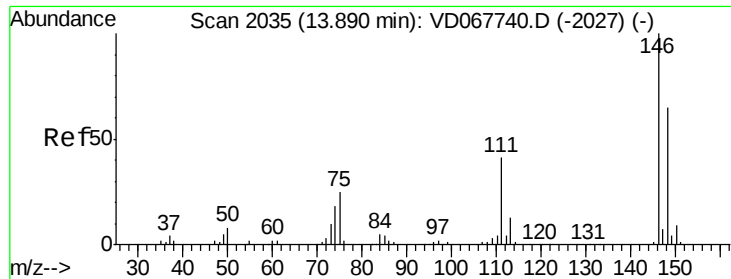
Tgt Ion: 91 Resp: 172755
Ion Ratio Lower Upper
91 100
92 54.1 26.6 79.7
134 30.6 14.8 44.3



#90
Hexachloroethane
Concen: 21.430 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion: 117 Resp: 39212
Ion Ratio Lower Upper
117 100
201 84.1 42.2 126.6

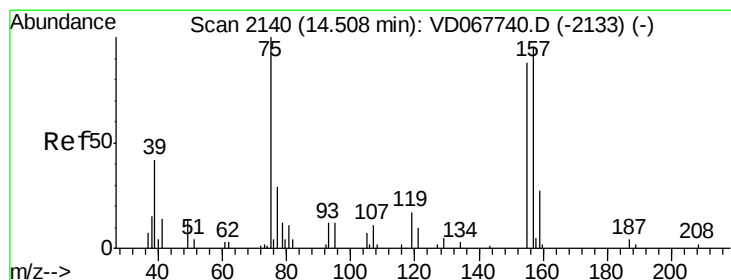
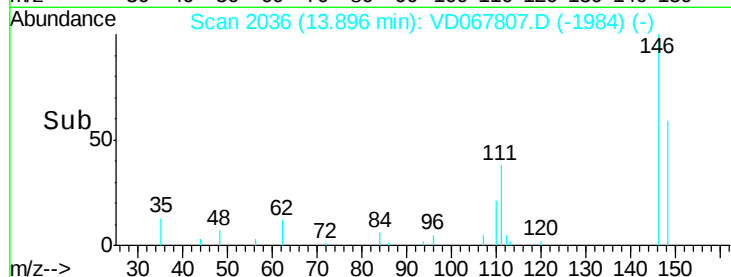
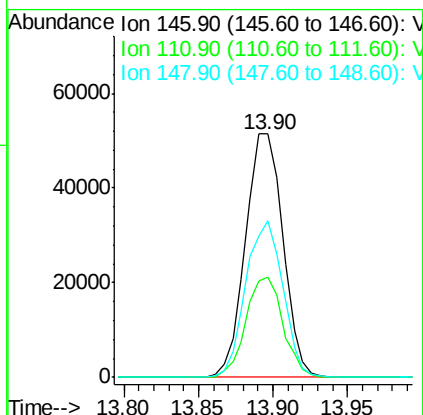
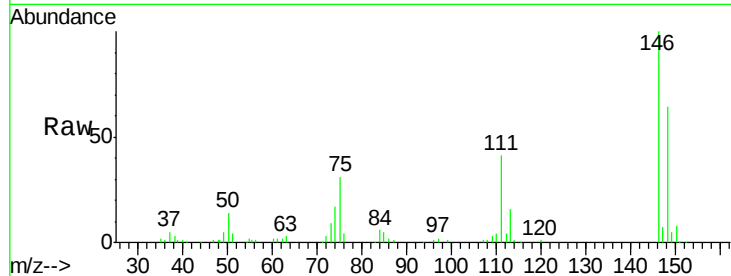




#91
 1,2-Dichlorobenzene
 Concen: 21.186 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

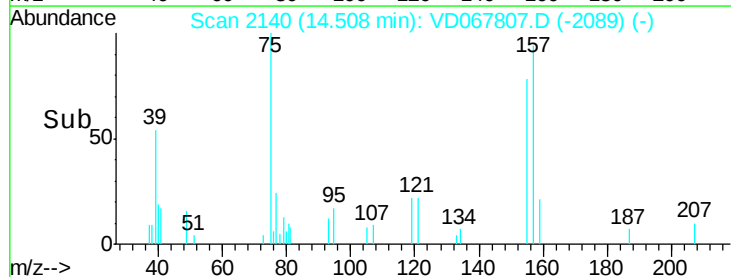
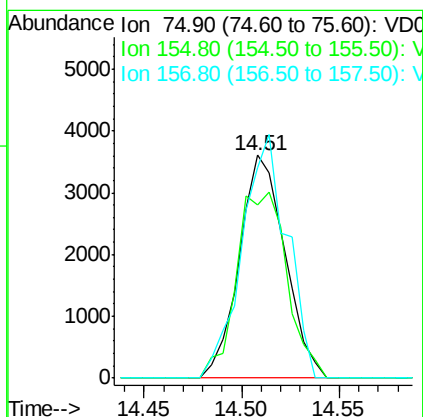
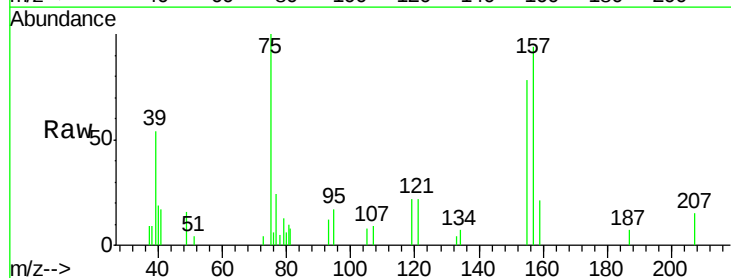
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

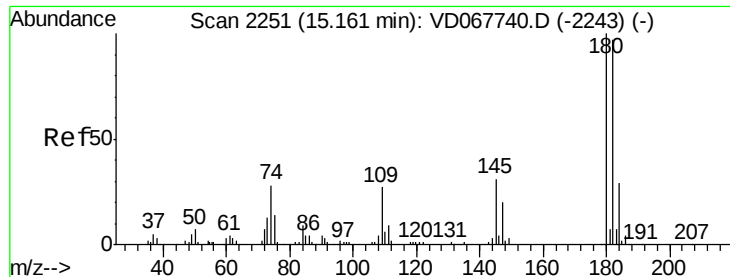
Tgt Ion: 146 Resp: 89364
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.8 62.5
 148 63.4 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.991 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion: 75 Resp: 5846
 Ion Ratio Lower Upper
 75 100
 155 92.1 41.0 123.0
 157 106.9 51.1 153.4

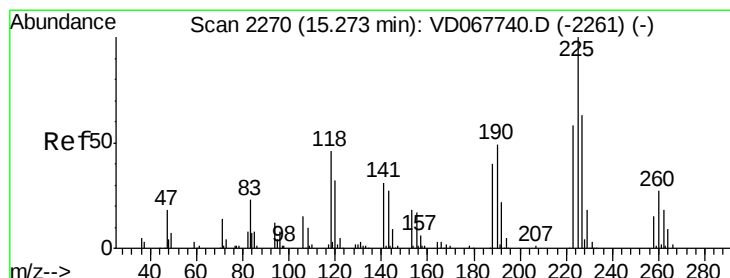
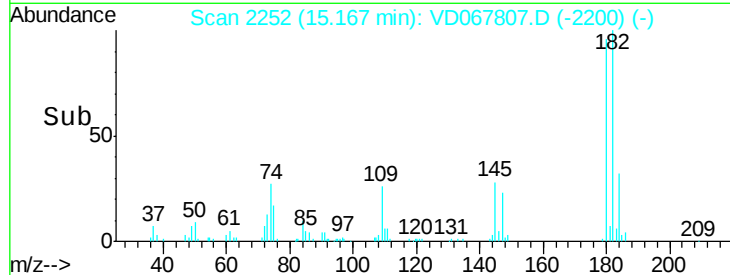
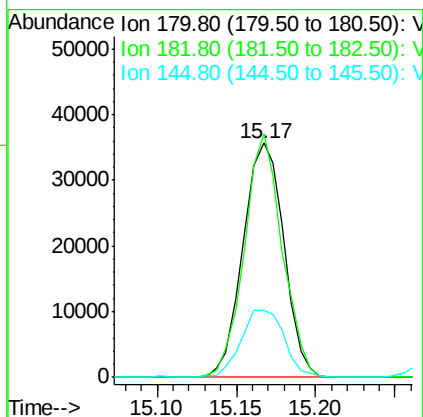
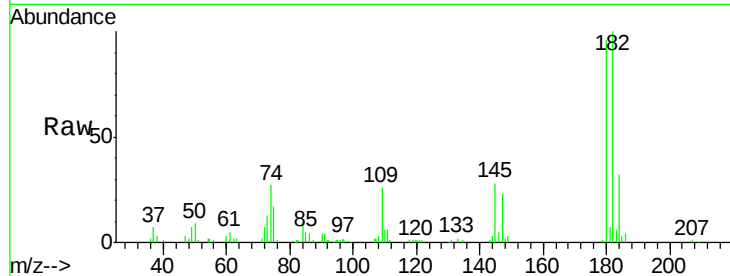




#93
 1,2,4-Trichlorobenzene
 Concen: 21.375 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

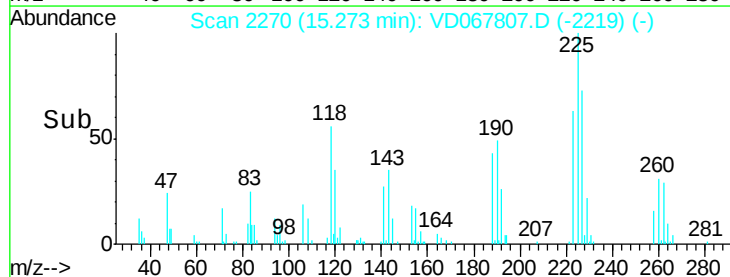
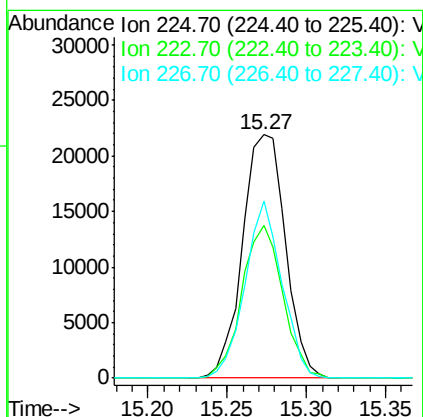
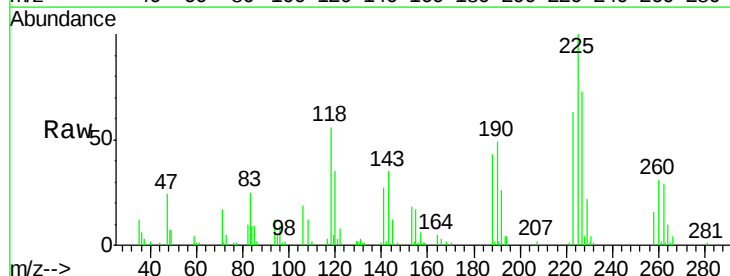
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

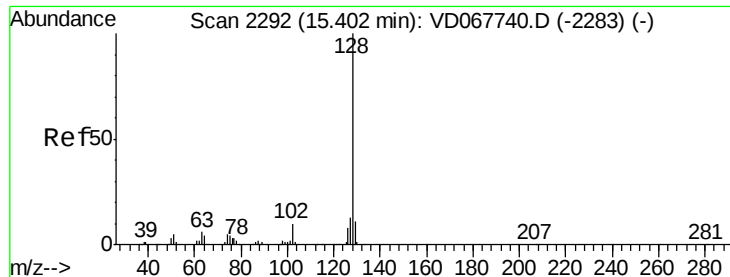
Tgt Ion:180 Resp: 63838
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.4 142.2
 145 30.6 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 21.722 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067807.D
 Acq: 30 Nov 2020 11:34

Tgt Ion:225 Resp: 41450
 Ion Ratio Lower Upper
 225 100
 223 59.7 31.5 94.5
 227 62.3 32.9 98.7

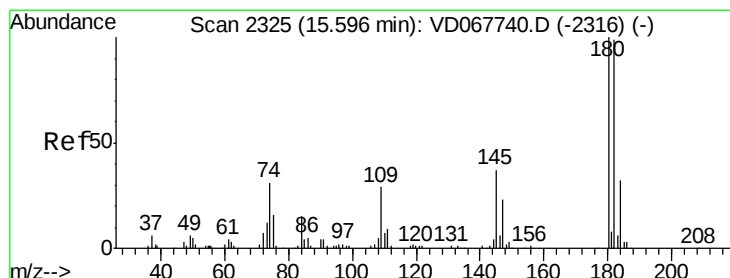
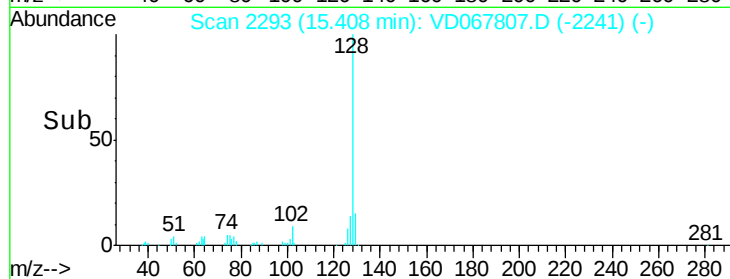
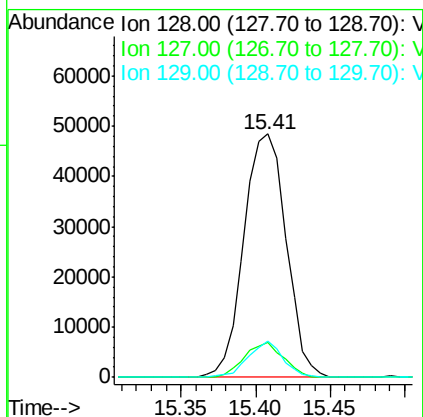
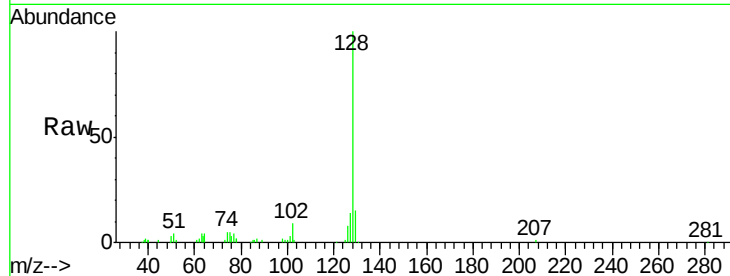




#95
Naphthalene
Concen: 19.663 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBS01

Tgt Ion:128 Resp: 95042
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 12.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.595 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067807.D
Acq: 30 Nov 2020 11:34

Tgt Ion:180 Resp: 52394
Ion Ratio Lower Upper
180 100
182 95.9 48.0 144.0
145 33.9 16.8 50.4

