

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067223.D
 Acq On : 09 Oct 2020 20:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 09 23:49:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	423959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	662109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	602891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291235	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	198198	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	7.91	113	231243	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	10.34	98	803487	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.64	95	283283	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	171554	50.294	ug/l	100
3) Chloromethane	2.21	50	144480	42.792	ug/l	100
4) Vinyl Chloride	2.35	62	148150	43.761	ug/l	97
5) Bromomethane	2.77	94	120577	55.754	ug/l	96
6) Chloroethane	2.93	64	99740	48.377	ug/l	100
7) Trichlorofluoromethane	3.27	101	331738	44.105	ug/l	97
8) Diethyl Ether	3.71	74	91826	49.231	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	197239	46.395	ug/l	97
10) Methyl Iodide	4.30	142	198608	48.079	ug/l	99
11) Tert butyl alcohol	5.22	59	56062	230.455	ug/l	96
12) 1,1-Dichloroethene	4.07	96	184518	46.170	ug/l	99
13) Acrolein	3.92	56	62803	229.683	ug/l	99
14) Allyl chloride	4.71	41	238647	45.965	ug/l	96
15) Acrylonitrile	5.43	53	165563	241.178	ug/l	97
16) Acetone	4.15	43	133913	214.825	ug/l	97
17) Carbon Disulfide	4.41	76	538344	43.892	ug/l	100
18) Methyl Acetate	4.71	43	77922	49.736	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	376164	51.559	ug/l	98
20) Methylene Chloride	4.96	84	228239	51.869	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	219369	48.232	ug/l	93
22) Diisopropyl ether	6.37	45	462174	48.760	ug/l	96
23) Vinyl Acetate	6.30	43	1306652	243.274	ug/l	99
24) 1,1-Dichloroethane	6.27	63	351308	48.026	ug/l	99
25) 2-Butanone	7.21	43	196046	221.828	ug/l	99
26) 2,2-Dichloropropane	7.21	77	308518	49.262	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	240782	49.569	ug/l	98
28) Bromochloromethane	7.55	49	138366	48.980	ug/l	89
29) Tetrahydrofuran	7.57	42	118007	232.222	ug/l	95
30) Chloroform	7.71	83	394483	49.713	ug/l	99
31) Cyclohexane	7.98	56	254133	41.439	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	363913	49.484	ug/l	96
36) 1,1-Dichloropropene	8.11	75	283375	45.916	ug/l	98
37) Ethyl Acetate	7.30	43	96518	45.144	ug/l	99
38) Carbon Tetrachloride	8.10	117	329077	49.281	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	309070	47.368	ug/l	96
40) Benzene	8.36	78	831380	48.500	ug/l	100
41) Methacrylonitrile	7.56	41	121761	105.416	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	232942	48.631	ug/l	99
43) Isopropyl Acetate	8.45	43	186418	47.330	ug/l	99
44) Trichloroethene	9.11	130	251636	49.160	ug/l	98
45) 1,2-Dichloropropane	9.39	63	196339	48.747	ug/l	96
46) Dibromomethane	9.48	93	114105	49.291	ug/l	94
47) Bromodichloromethane	9.66	83	303783	50.483	ug/l	98
48) Methyl methacrylate	9.46	41	89251	44.231	ug/l #	80
49) 1,4-Dioxane	9.47	88	21998	910.497	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	465906	237.484	ug/l	98
52) Toluene	10.41	92	557558	50.493	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	270393	50.277	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	326865	49.772	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	158533	49.258	ug/l	96
56) Ethyl methacrylate	10.66	69	178686	53.775	ug/l	97
57) 1,3-Dichloropropane	10.95	76	259527	49.727	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	499506	270.084	ug/l	99
59) 2-Hexanone	10.98	43	314306	240.035	ug/l	97
60) Dibromochloromethane	11.14	129	220946	51.507	ug/l	96
61) 1,2-Dibromoethane	11.25	107	156420	50.588	ug/l	97
64) Tetrachloroethene	10.88	164	212488	48.480	ug/l	96
65) Chlorobenzene	11.67	112	606989	50.622	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	238635	52.320	ug/l	99
67) Ethyl Benzene	11.75	91	1067325	51.951	ug/l	98
68) m/p-Xylenes	11.86	106	810035	101.170	ug/l	97
69) o-Xylene	12.18	106	371087	51.828	ug/l	95
70) Styrene	12.20	104	648914	52.780	ug/l	100
71) Bromoform	12.37	173	123056	51.975	ug/l #	97
73) Isopropylbenzene	12.48	105	1023551	51.759	ug/l	100
74) N-amyl acetate	12.29	43	166078	46.718	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	157701	47.331	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	206286	81.319	ug/l #	100
77) Bromobenzene	12.77	156	249626	52.278	ug/l	95
78) n-propylbenzene	12.83	91	1175556	50.300	ug/l	99
79) 2-Chlorotoluene	12.91	91	679397	50.809	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	872707	52.234	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	51780	50.889	ug/l	93
82) 4-Chlorotoluene	13.01	91	714328	50.210	ug/l	100
83) tert-Butylbenzene	13.23	119	747222	53.109	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	870092	52.183	ug/l	100
85) sec-Butylbenzene	13.41	105	1005097	50.728	ug/l	100
86) p-Isopropyltoluene	13.52	119	936846	51.001	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	459891	49.446	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	461647	49.640	ug/l	99
89) n-Butylbenzene	13.85	91	842178	50.166	ug/l	99
90) Hexachloroethane	14.12	117	158964	49.403	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	412362	50.766	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24513	45.641	ug/l	92

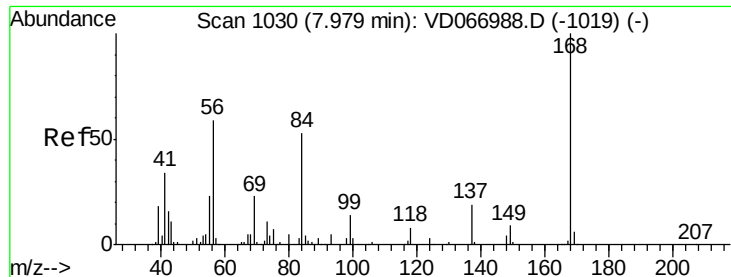
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100920\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	278715	53.047	ug/l	99
94) Hexachlorobutadiene	15.28	225	165051	51.151	ug/l	99
95) Naphthalene	15.41	128	466321	53.211	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	236233	51.794	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

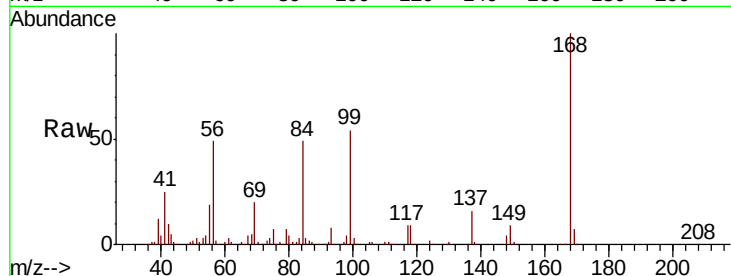
VSTDCCC050EC

Tot Ion:168 Resp: 423959

Ion Ratio Lower Upper

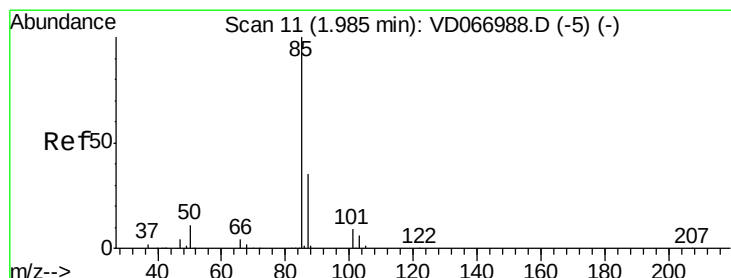
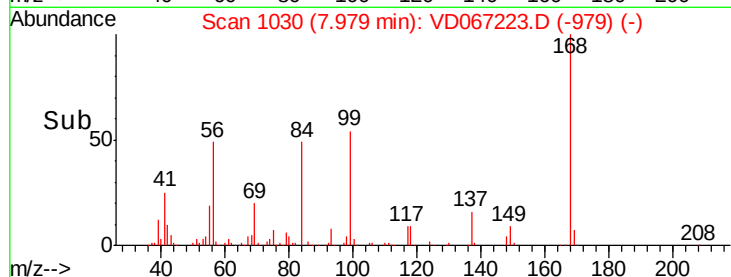
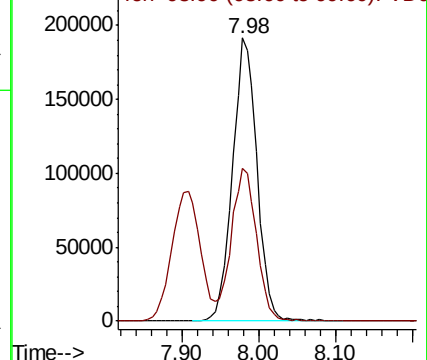
168 100

99 54.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 50.294 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067223.D

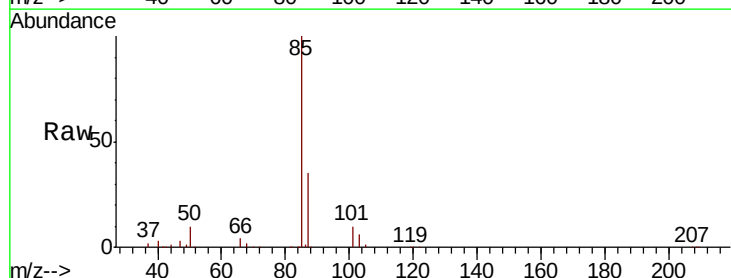
Acq: 09 Oct 2020 20:29

Tgt Ion: 85 Resp: 171554

Ion Ratio Lower Upper

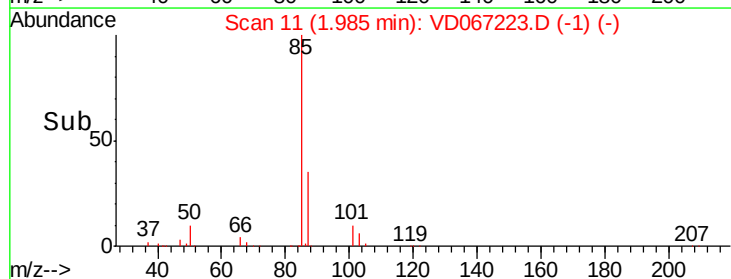
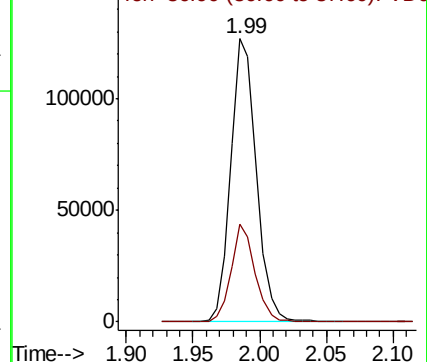
85 100

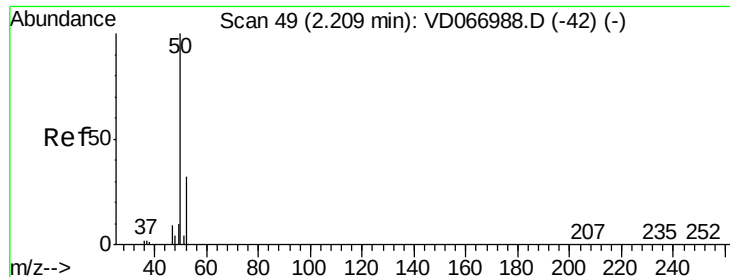
87 34.6 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.792 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

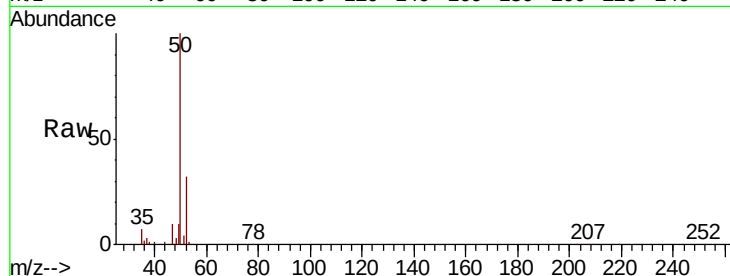
VSTDCCC050EC

Tot Ion: 50 Resp: 144480

Ion Ratio Lower Upper

50 100

52 31.7 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

120000

100000

80000

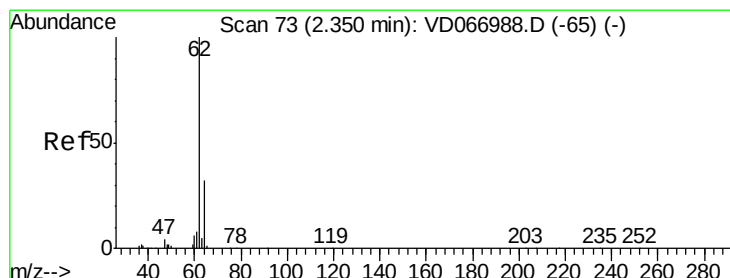
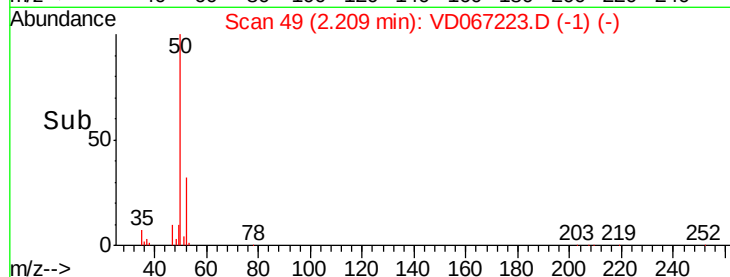
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 43.761 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067223.D

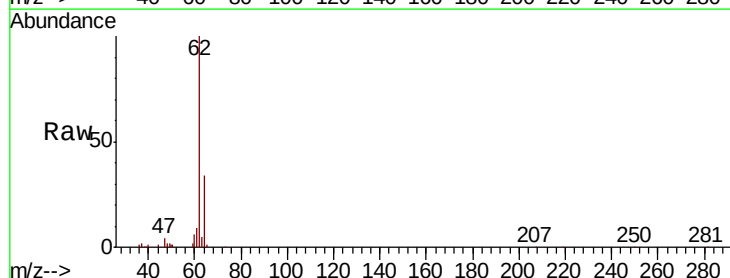
Acq: 09 Oct 2020 20:29

Tgt Ion: 62 Resp: 148150

Ion Ratio Lower Upper

62 100

64 34.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

100000

80000

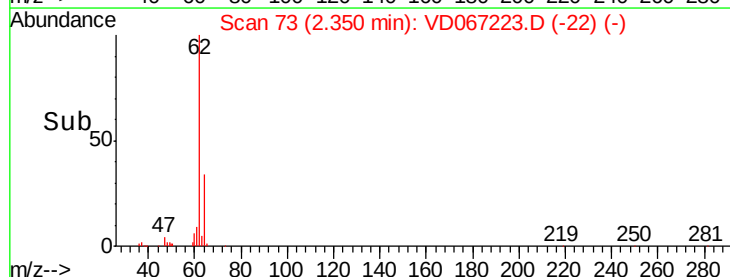
60000

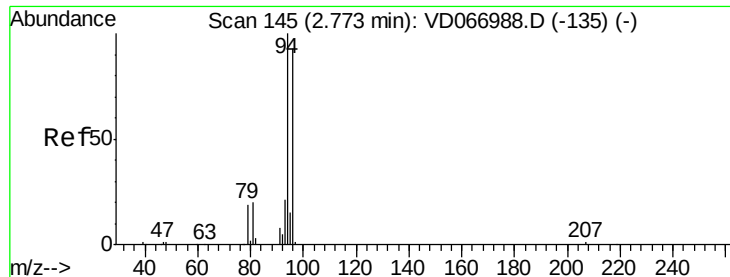
40000

20000

0

Time-->





#5

Bromomethane

Concen: 55.754 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

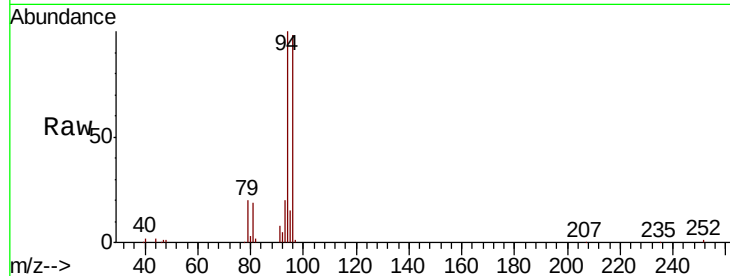
VSTDCCC050EC

Tot Ion: 94 Resp: 120577

Ion Ratio Lower Upper

94 100

96 97.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

60000

50000

40000

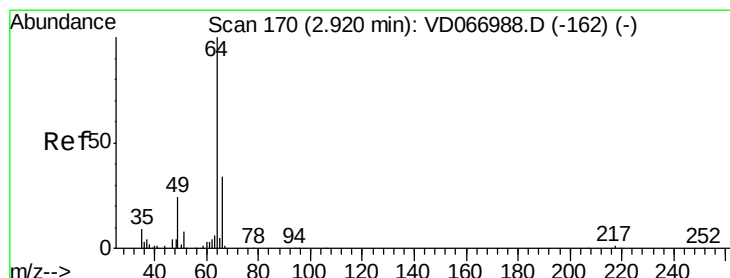
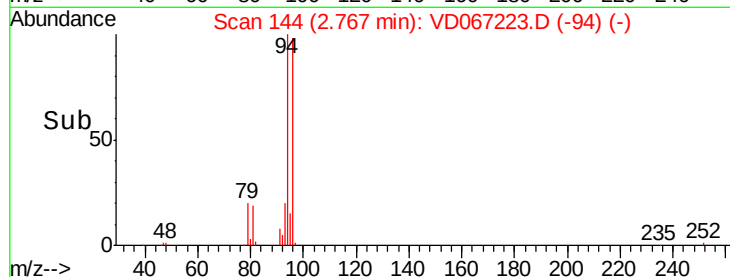
30000

20000

10000

0

Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 48.377 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067223.D

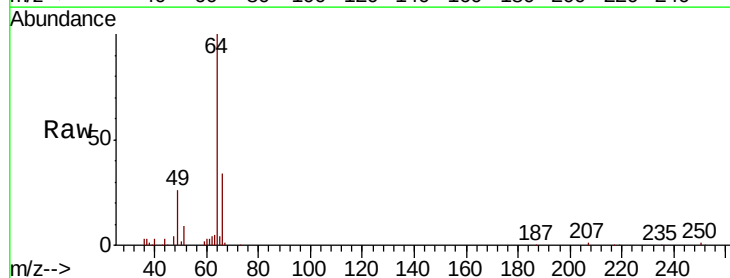
Acq: 09 Oct 2020 20:29

Tgt Ion: 64 Resp: 99740

Ion Ratio Lower Upper

64 100

66 33.8 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

50000

40000

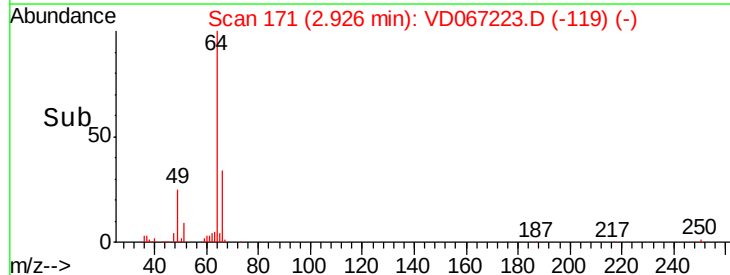
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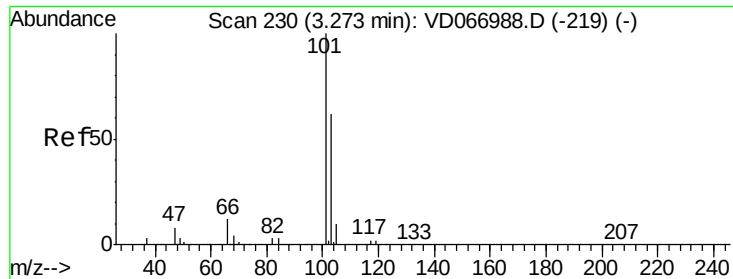
20000

10000

0

Time--> 2.80 2.90 3.00



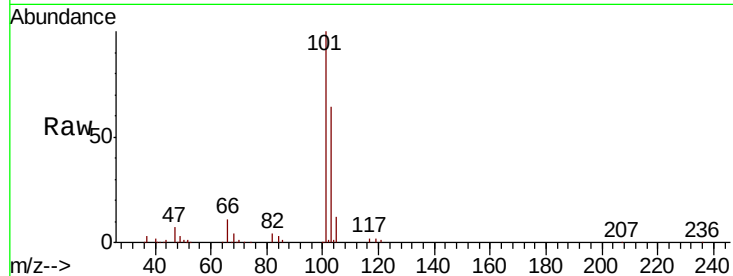


#7

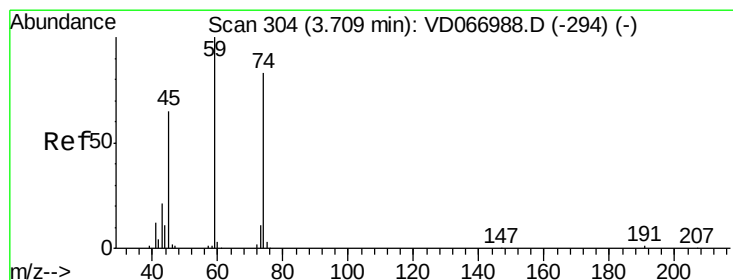
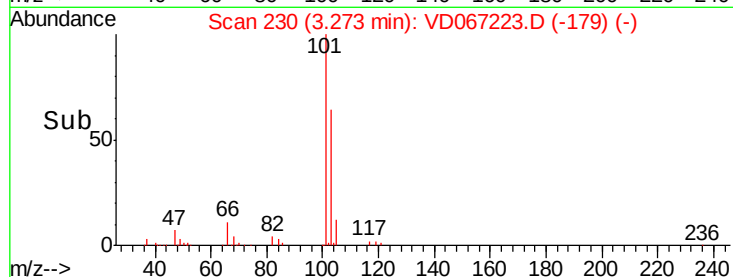
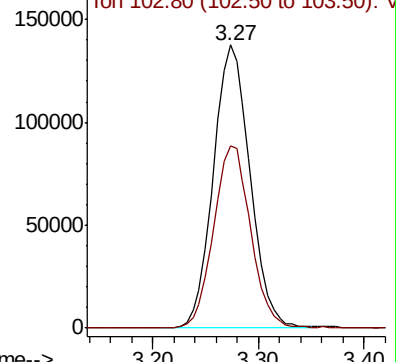
Trichlorofluoromethane
 Concen: 44.105 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

Instrument :
 MSVOA_D
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 VSTDCCC050EC

Tot Ion:101 Resp: 331738
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.8 74.8



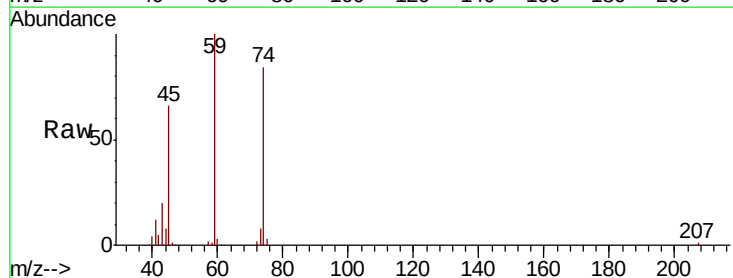
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



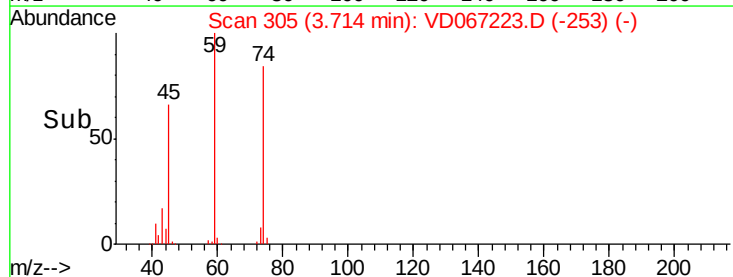
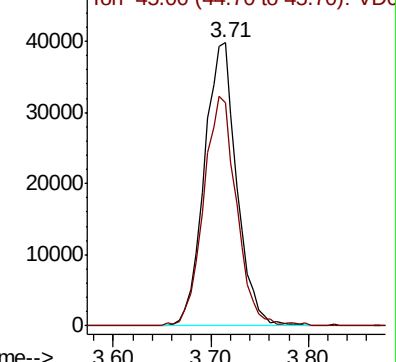
#8

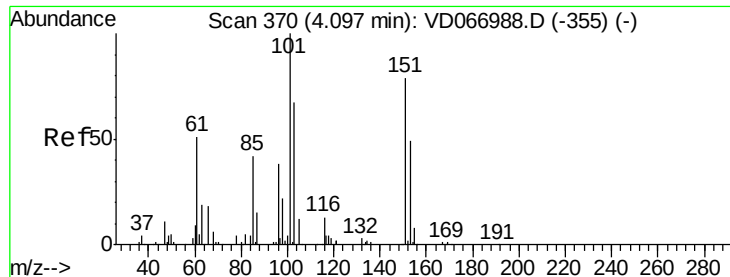
Diethyl Ether
 Concen: 49.231 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

Tgt Ion: 74 Resp: 91826
 Ion Ratio Lower Upper
 74 100
 45 82.1 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.395 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

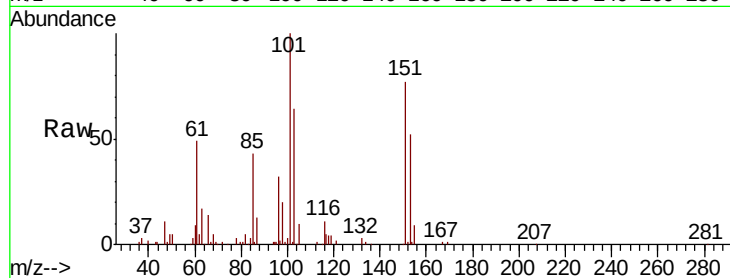
Tot Ion:101 Resp: 197239

Ion Ratio Lower Upper

101 100

85 41.6 33.8 50.8

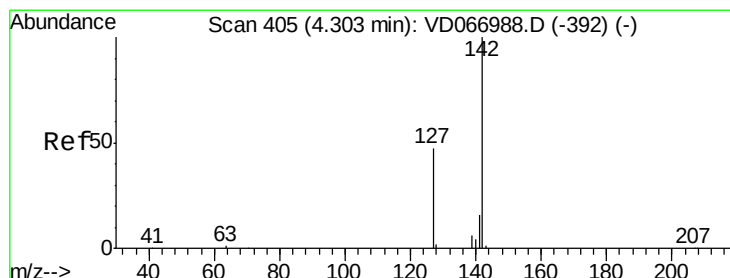
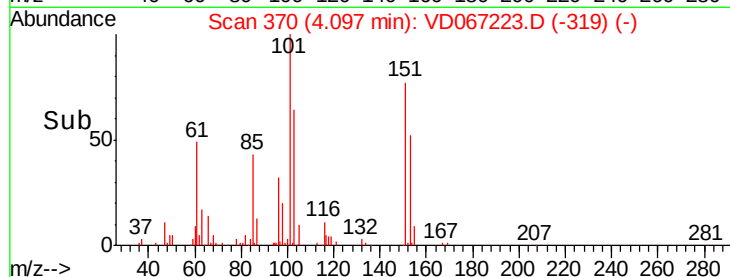
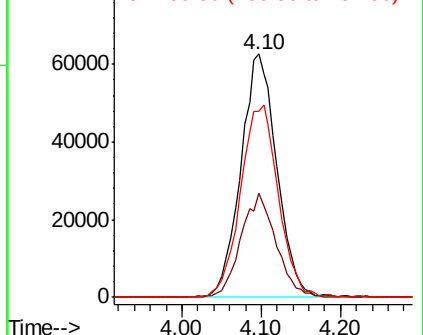
151 83.3 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.079 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

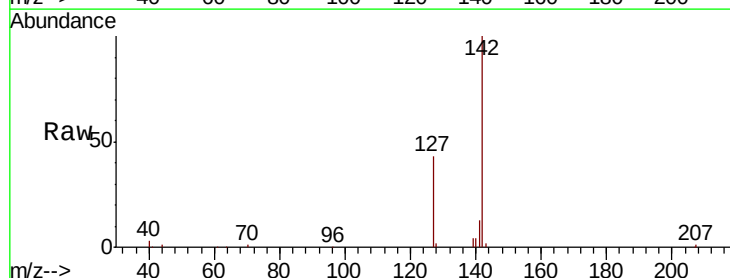
Tgt Ion:142 Resp: 198608

Ion Ratio Lower Upper

142 100

127 45.1 36.3 54.5

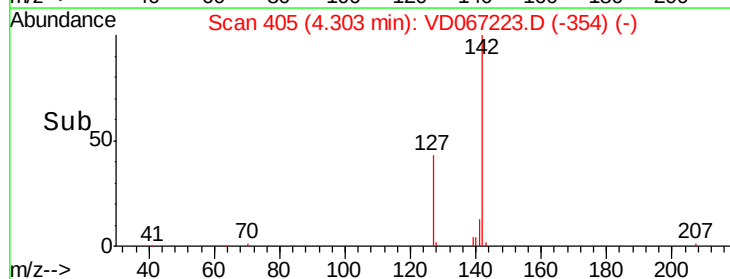
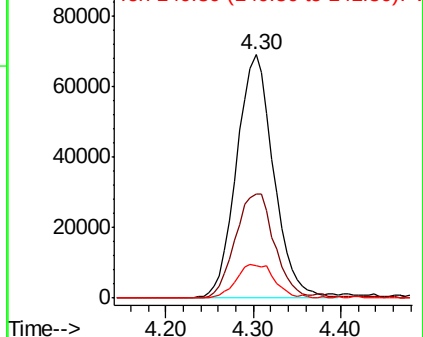
141 14.5 12.0 18.0

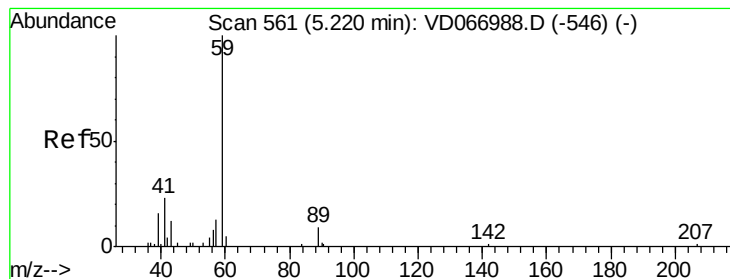


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



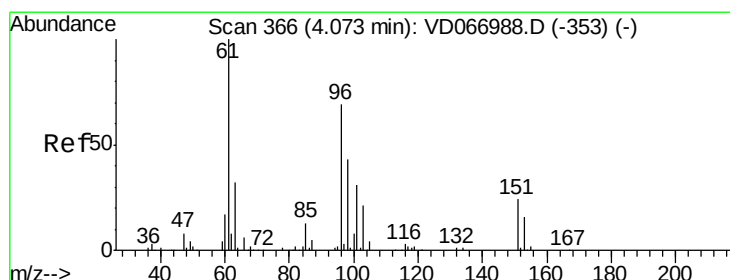
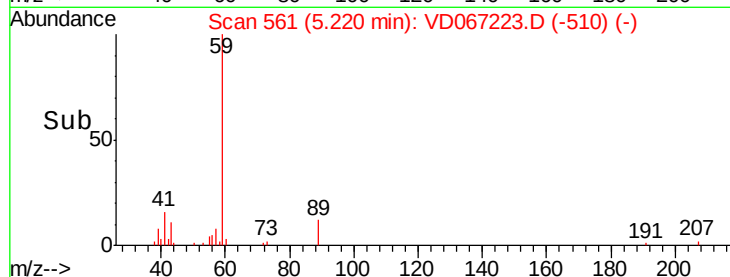
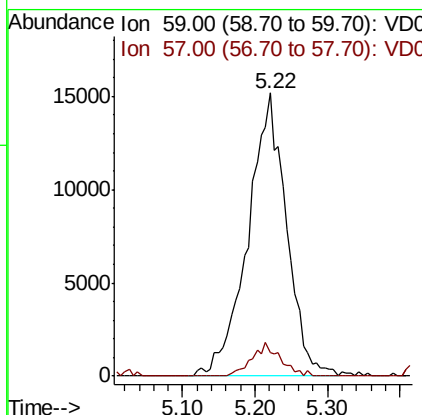
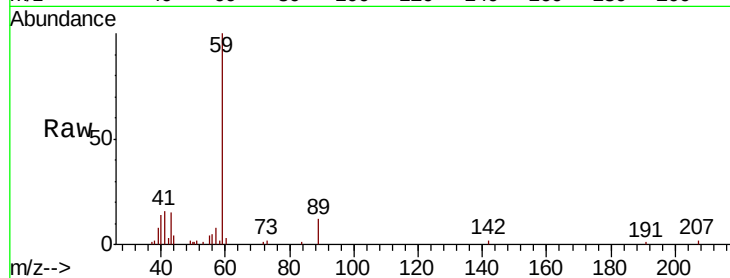


#11

Tert butyl alcohol
Concen: 230.455 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

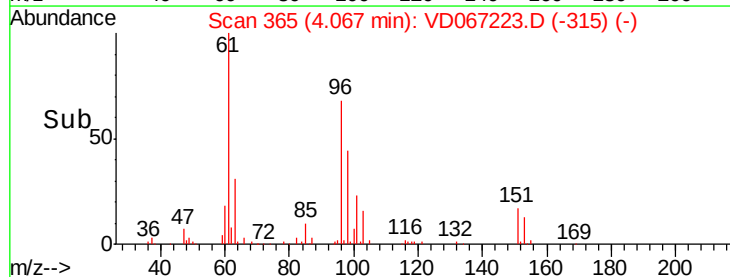
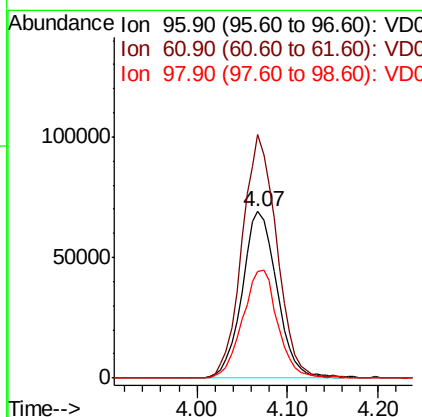
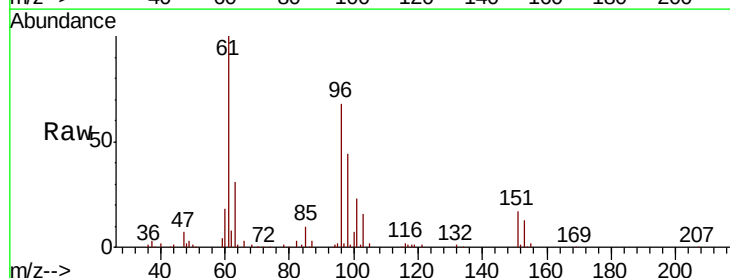
Tot Ion: 59 Resp: 56062
Ion Ratio Lower Upper
59 100
57 8.7 8.2 12.4

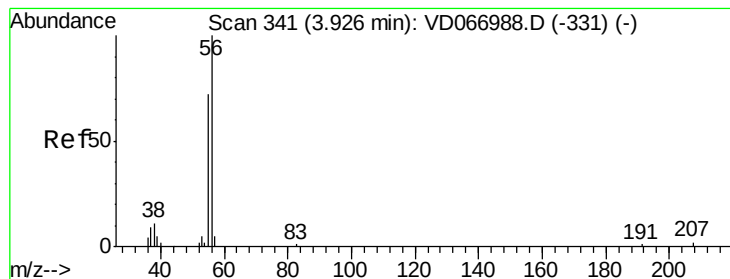


#12

1,1-Dichloroethene
Concen: 46.170 ug/l
RT: 4.07 min Scan# 366
Delta R.T. -0.01 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Tgt Ion: 96 Resp: 184518
Ion Ratio Lower Upper
96 100
61 146.5 116.4 174.6
98 64.4 49.9 74.9





#13

Acrolein

Concen: 229.683 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

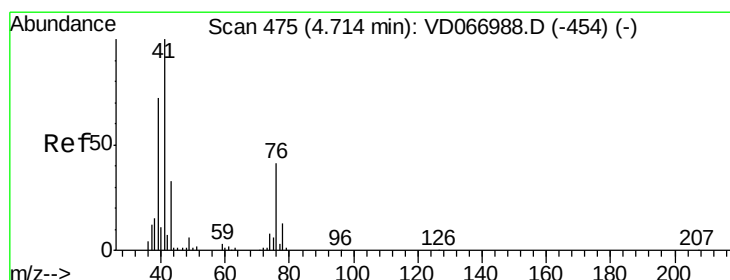
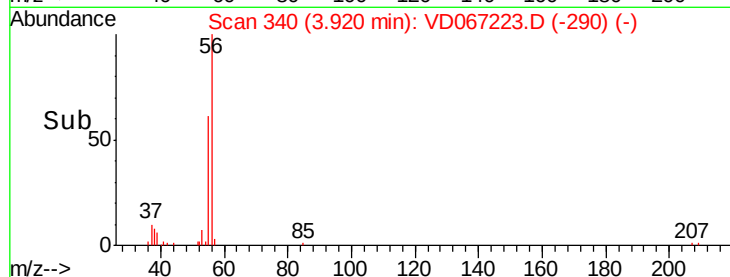
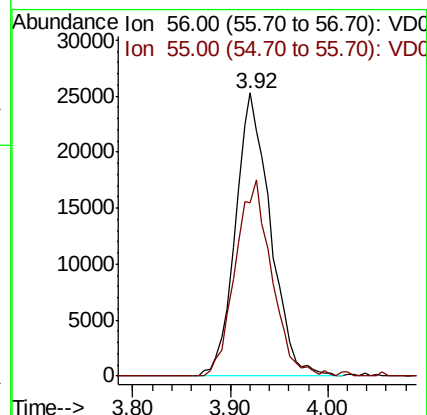
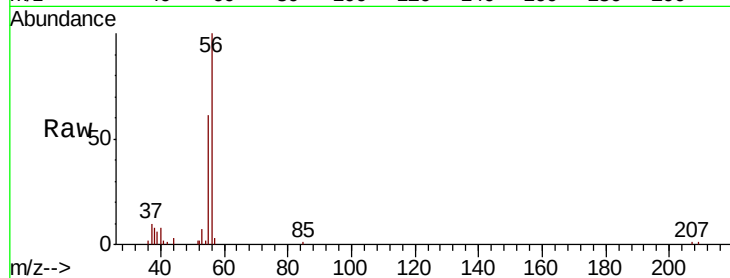
VSTDCCC050EC

Tot Ion: 56 Resp: 62803

Ion Ratio Lower Upper

56 100

55 71.8 56.9 85.3



#14

Allyl chloride

Concen: 45.965 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

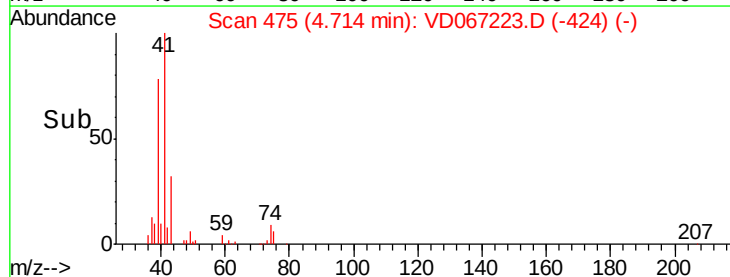
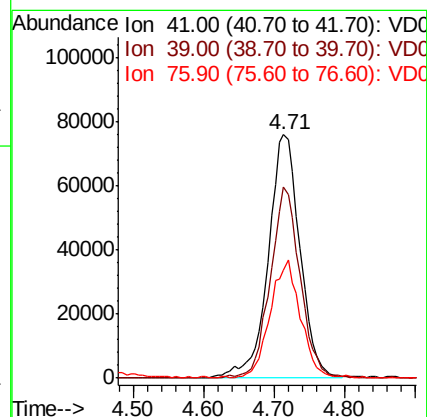
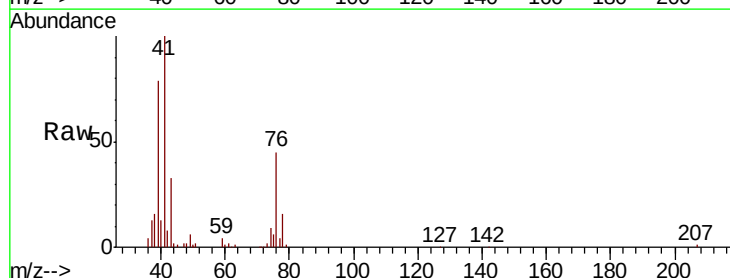
Tgt Ion: 41 Resp: 238647

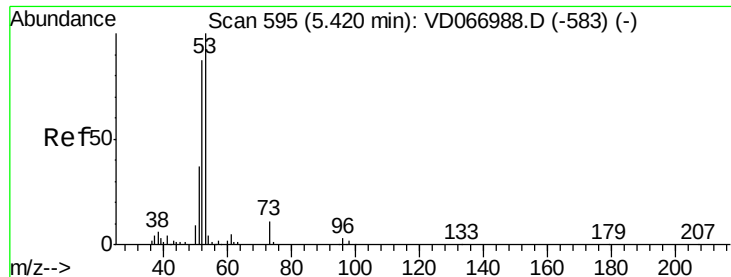
Ion Ratio Lower Upper

41 100

39 73.7 56.2 84.2

76 45.4 34.2 51.2





#15

Acrylonitrile

Concen: 241.178 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

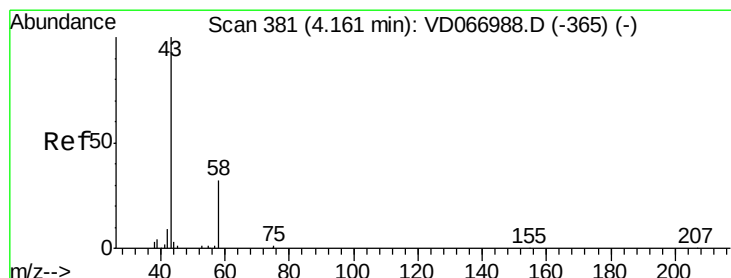
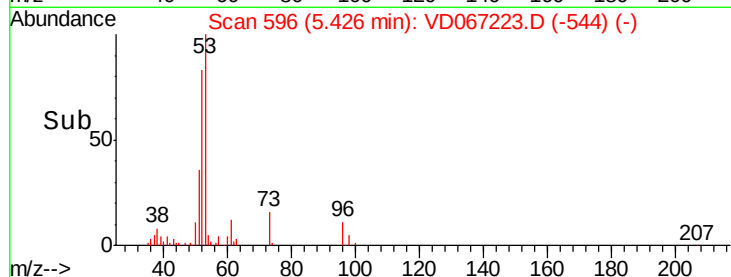
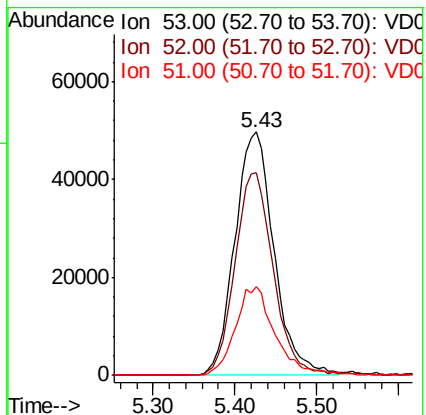
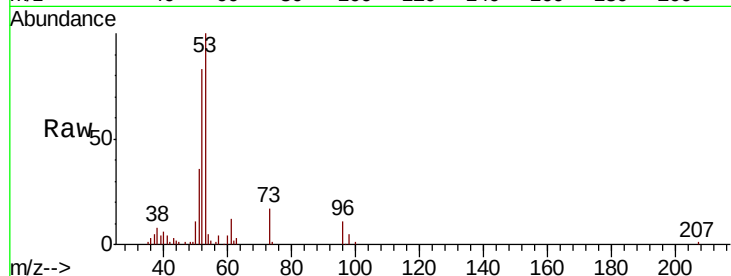
Tot Ion: 53 Resp: 165563

Ion Ratio Lower Upper

53 100

52 81.1 67.3 100.9

51 36.9 30.2 45.2



#16

Acetone

Concen: 214.825 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067223.D

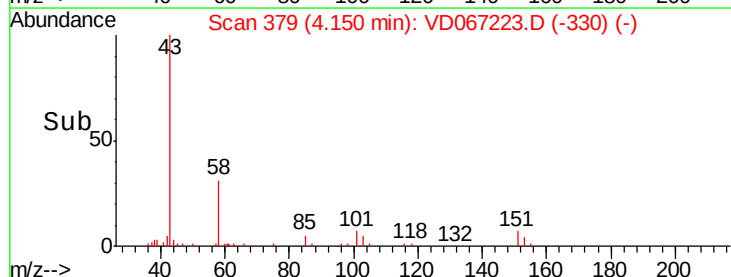
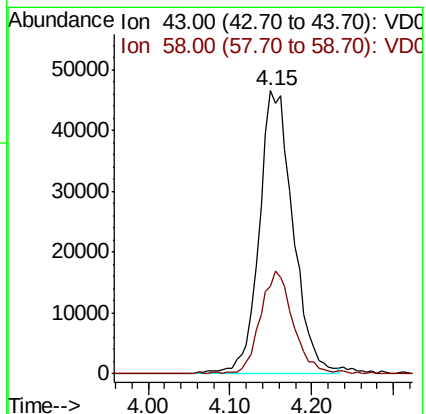
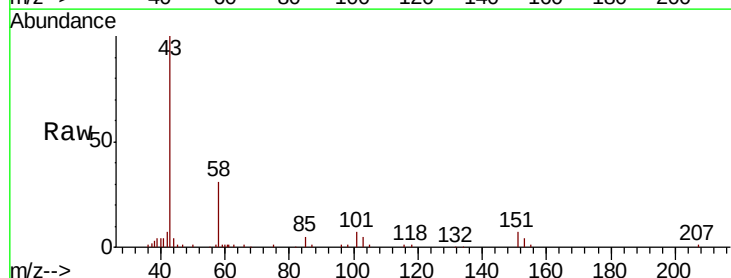
Acq: 09 Oct 2020 20:29

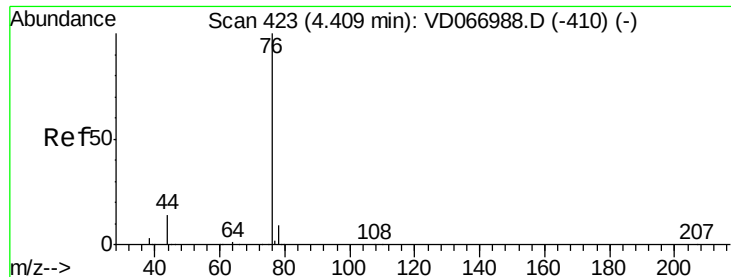
Tgt Ion: 43 Resp: 133913

Ion Ratio Lower Upper

43 100

58 30.7 25.9 38.9





#17

Carbon Disulfide

Concen: 43.892 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

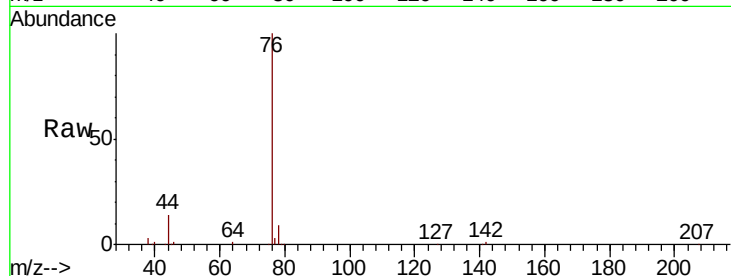
VSTDCCC050EC

Tot Ion: 76 Resp: 538344

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

4.41

200000

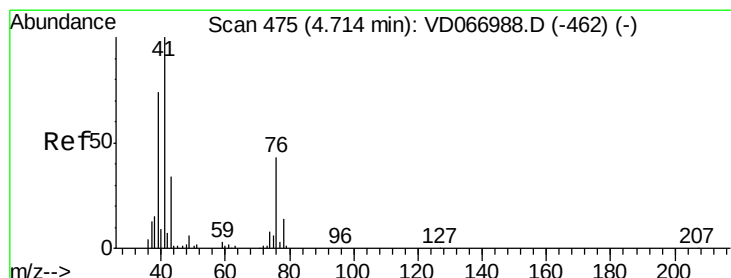
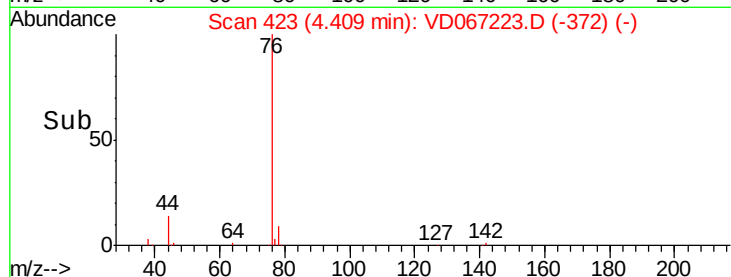
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.736 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067223.D

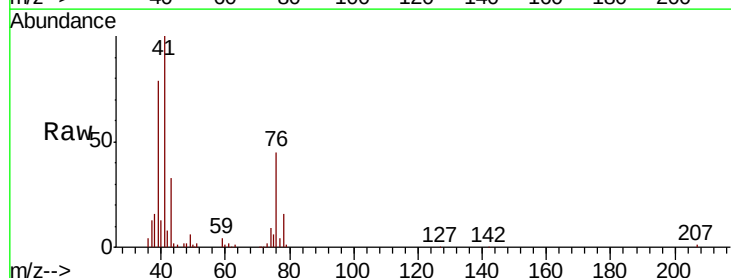
Acq: 09 Oct 2020 20:29

Tgt Ion: 43 Resp: 77922

Ion Ratio Lower Upper

43 100

74 28.4 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

25000

20000

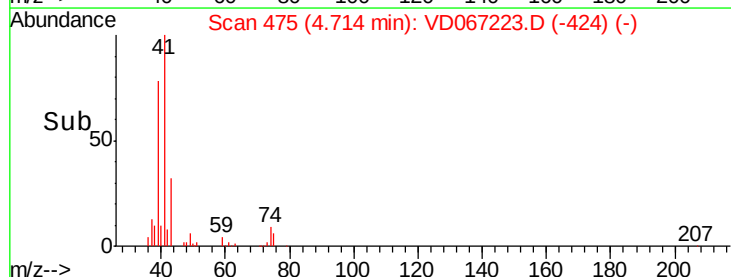
15000

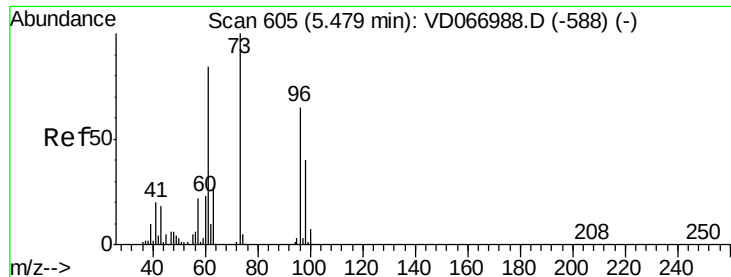
10000

5000

0

Time-->

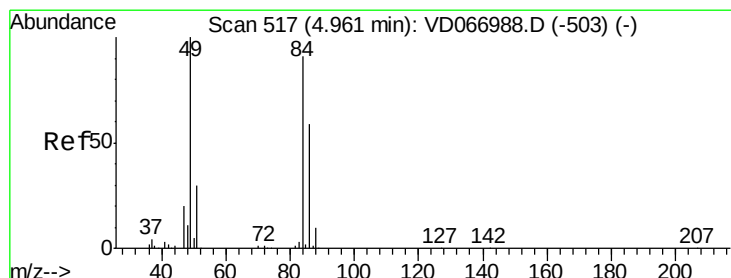
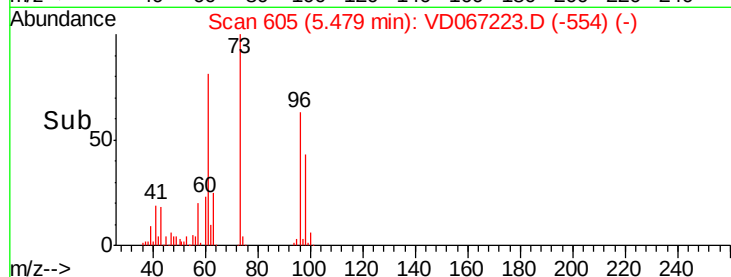
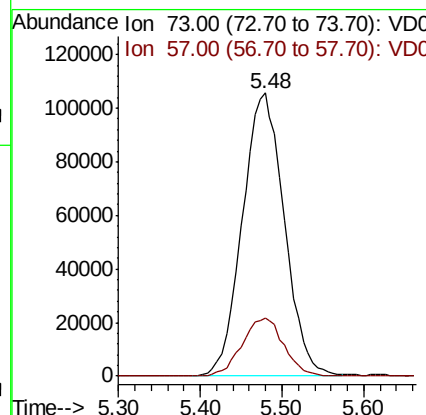
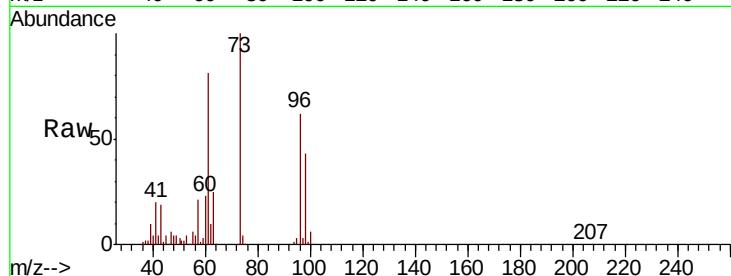




#19
Methyl tert-butyl Ether
Concen: 51.559 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

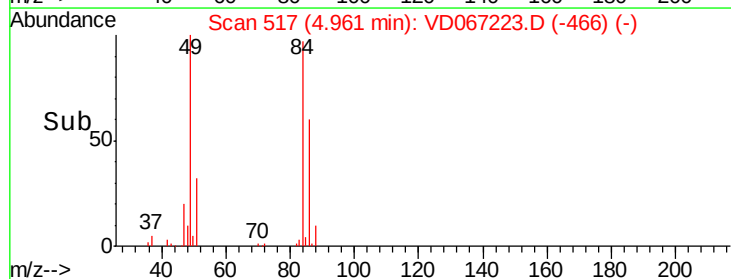
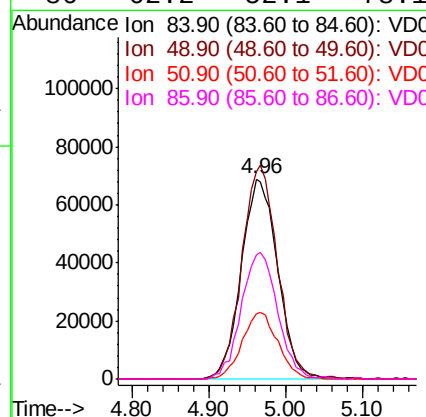
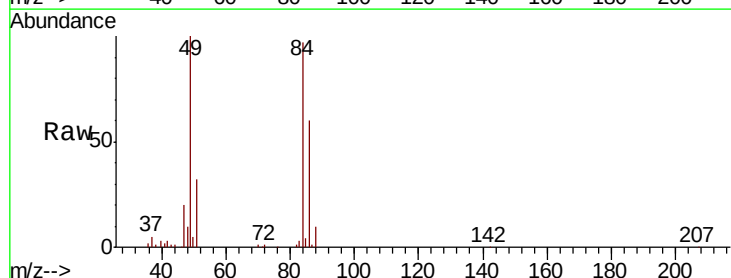
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

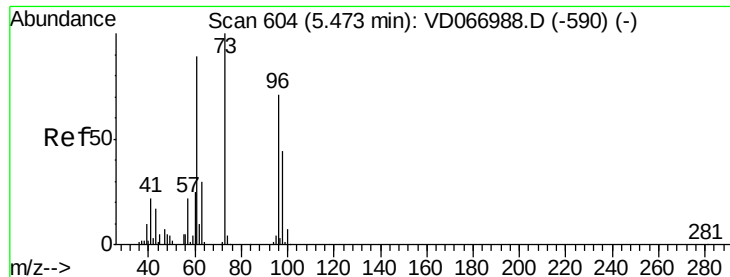
Tot Ion: 73 Resp: 376164
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.0



#20
Methylene Chloride
Concen: 51.869 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Tgt Ion: 84 Resp: 228239
Ion Ratio Lower Upper
84 100
49 103.4 88.2 132.2
51 32.9 26.6 39.8
86 62.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 48.232 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

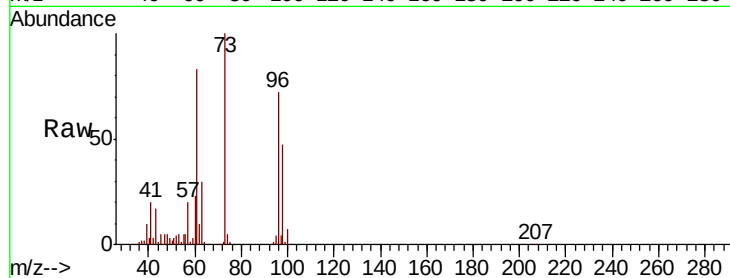
Tot Ion: 96 Resp: 219369

Ion Ratio Lower Upper

96 100

61 116.3 99.6 149.4

98 66.2 49.4 74.2

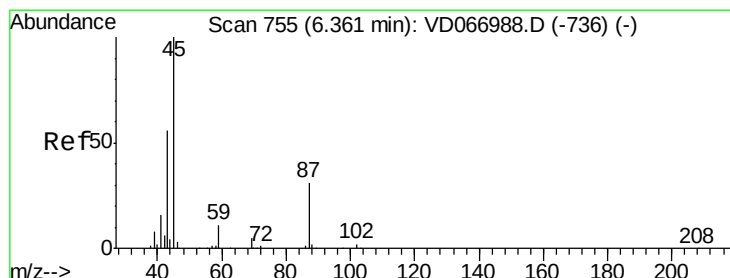
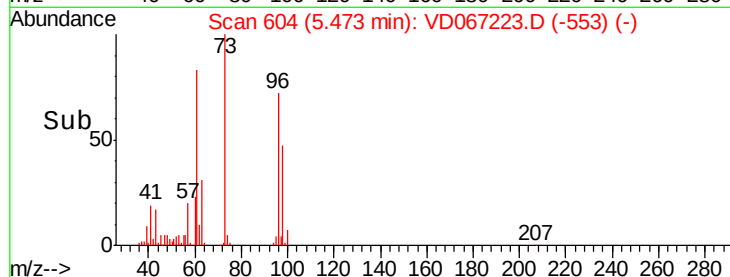
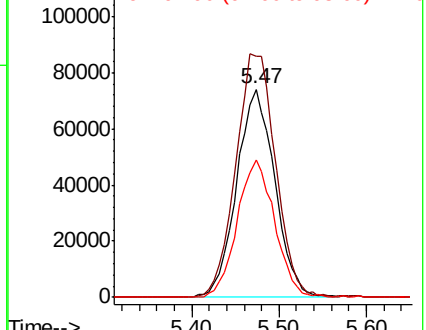


Abundance

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: 48.760 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Tgt Ion: 45 Resp: 462174

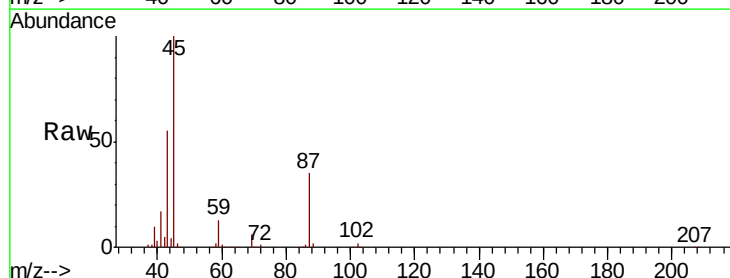
Ion Ratio Lower Upper

45 100

43 53.7 45.2 67.8

87 34.4 25.6 38.4

59 12.5 9.1 13.7



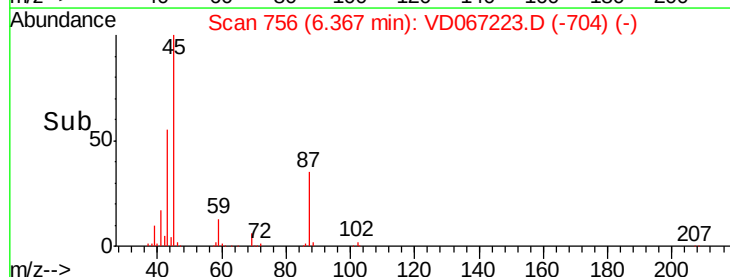
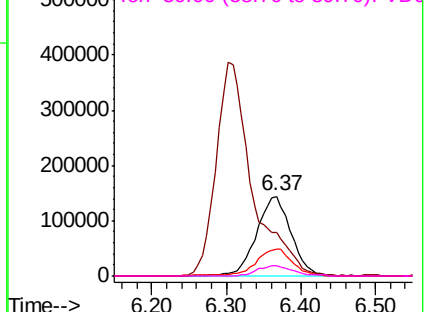
Abundance

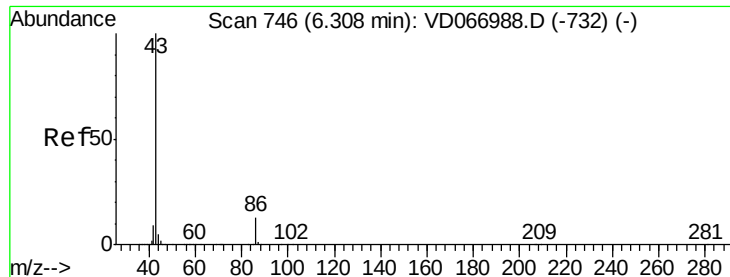
Ion 45.00 (44.70 to 45.70): VDC

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: 243.274 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

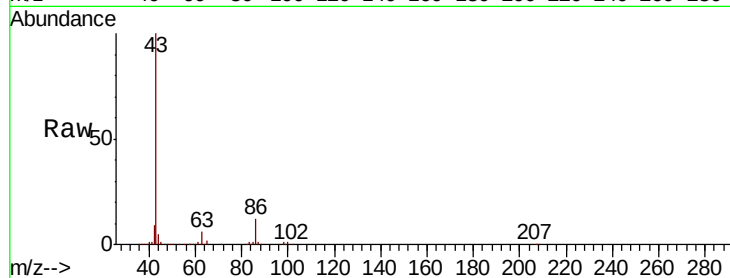
VSTDCCC050EC

Tot Ion: 43 Resp: 1306652

Ion Ratio Lower Upper

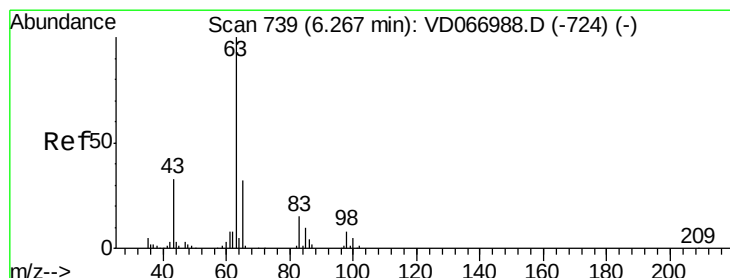
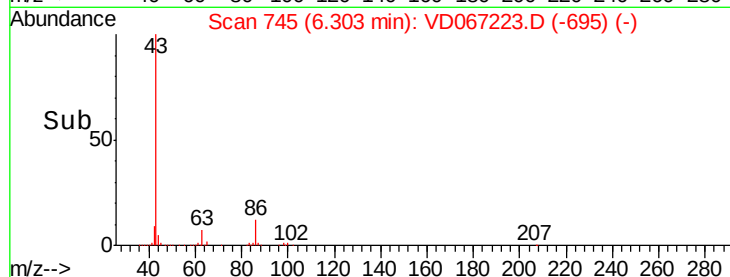
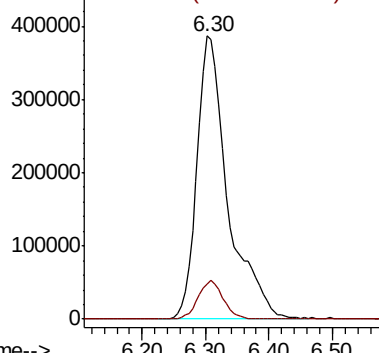
43 100

86 12.2 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.026 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

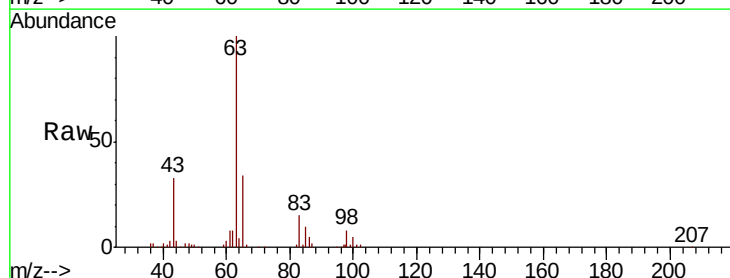
Tgt Ion: 63 Resp: 351308

Ion Ratio Lower Upper

63 100

98 7.9 4.2 12.6

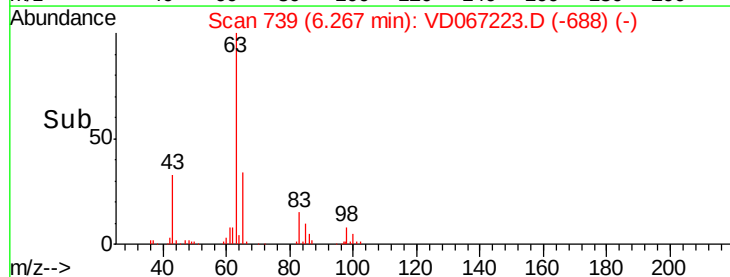
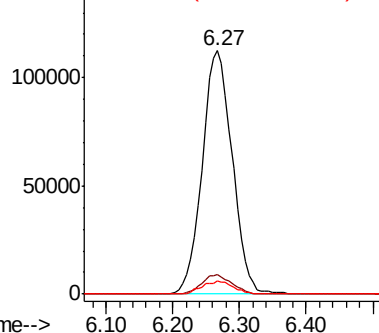
100 5.2 2.6 7.8

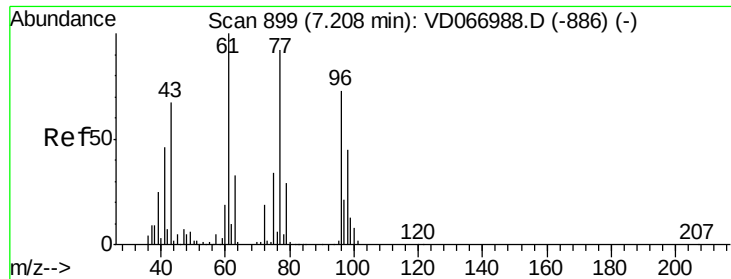


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 221.828 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

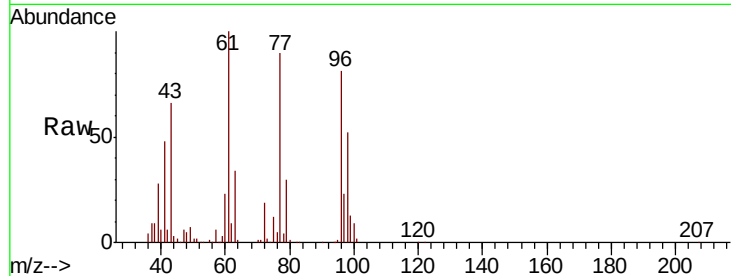
VSTDCCC050EC

Tot Ion: 43 Resp: 196046

Ion Ratio Lower Upper

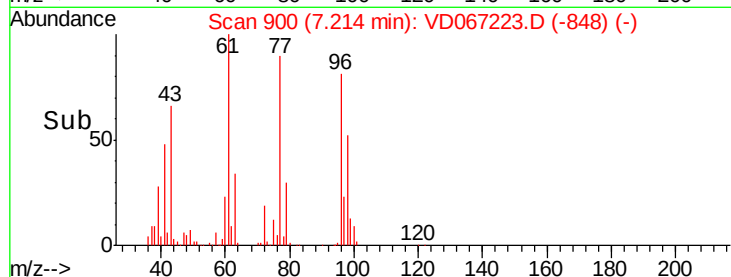
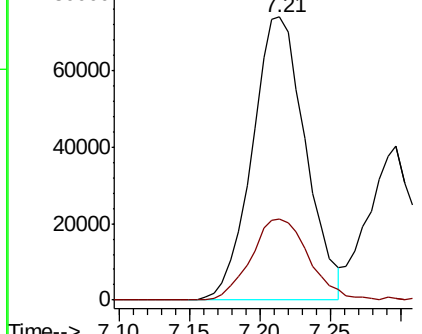
43 100

72 28.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 49.262 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067223.D

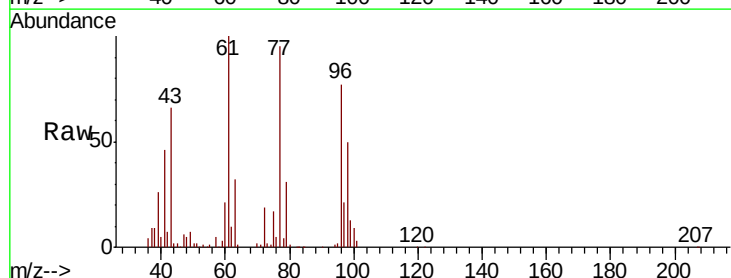
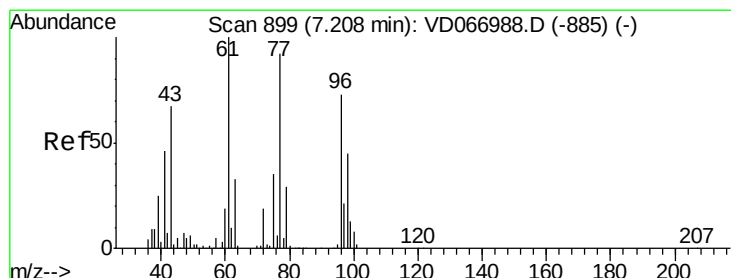
Acq: 09 Oct 2020 20:29

Tgt Ion: 77 Resp: 308518

Ion Ratio Lower Upper

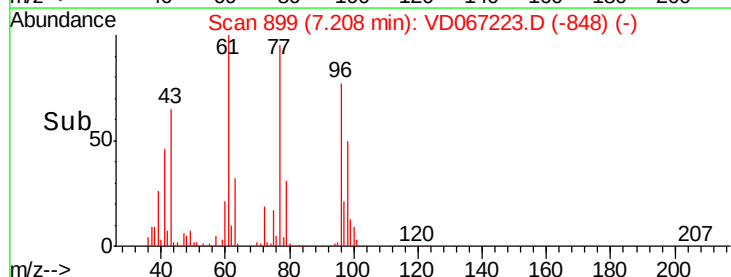
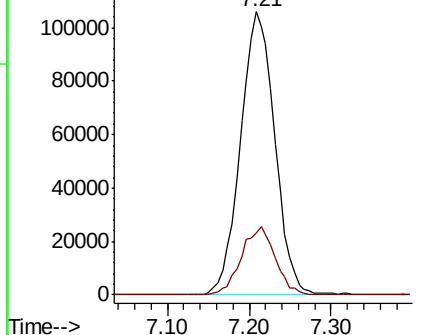
77 100

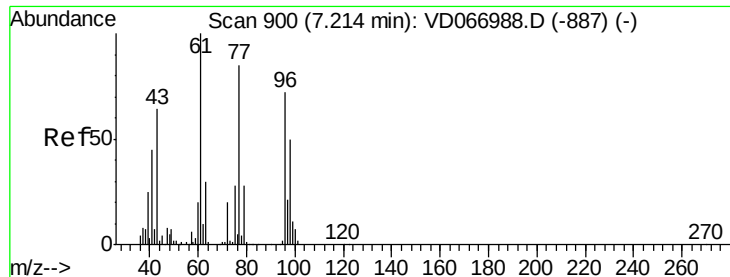
97 23.9 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 49.569 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

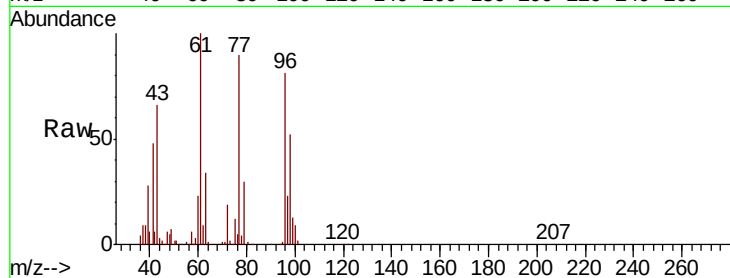
Tot Ion: 96 Resp: 240782

Ion Ratio Lower Upper

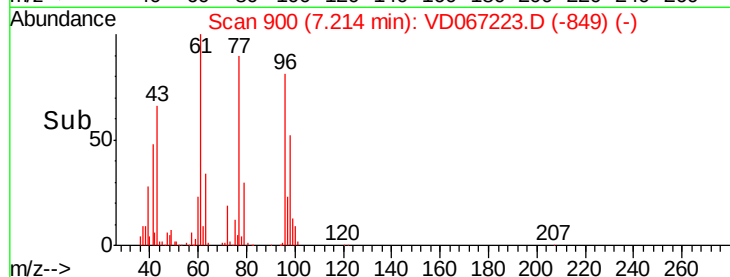
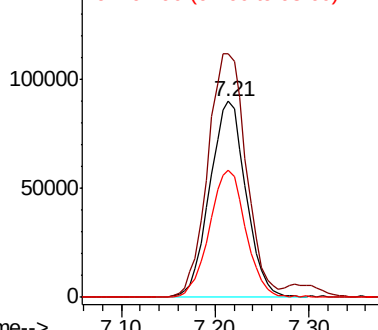
96 100

61 131.2 0.0 269.2

98 64.7 0.0 129.4



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: 48.980 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

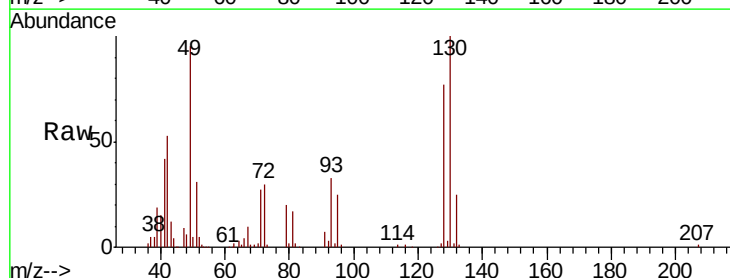
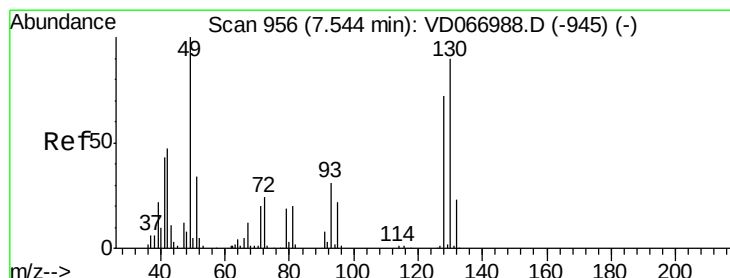
Tgt Ion: 49 Resp: 138366

Ion Ratio Lower Upper

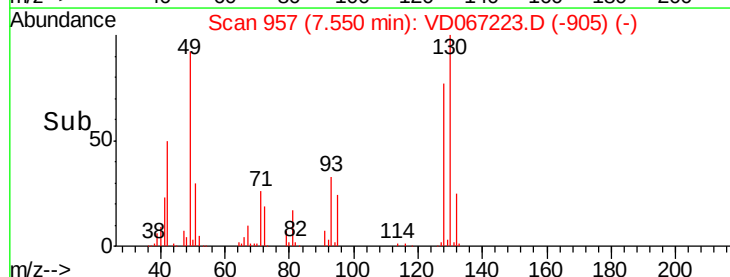
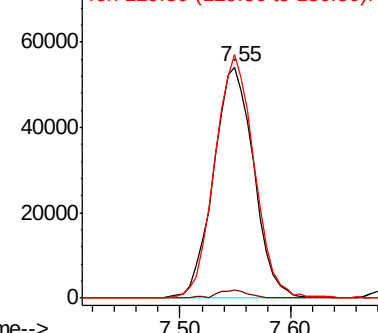
49 100

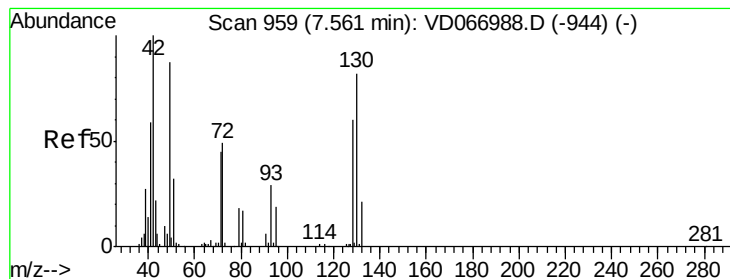
129 2.7 0.0 4.6

130 103.3 74.1 111.1



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





#29

Tetrahydrofuran

Concen: 232.222 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

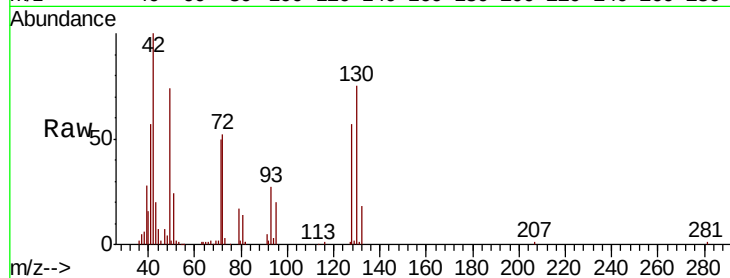
Tot Ion: 42 Resp: 118007

Ion Ratio Lower Upper

42 100

72 52.0 39.1 58.7

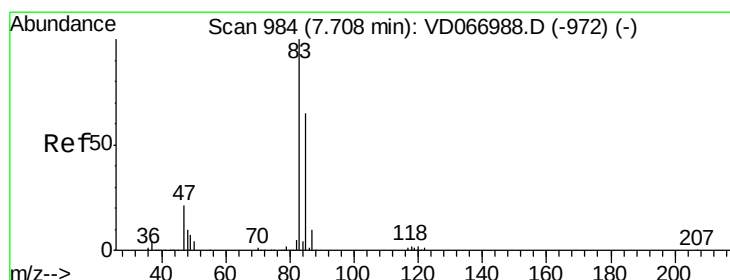
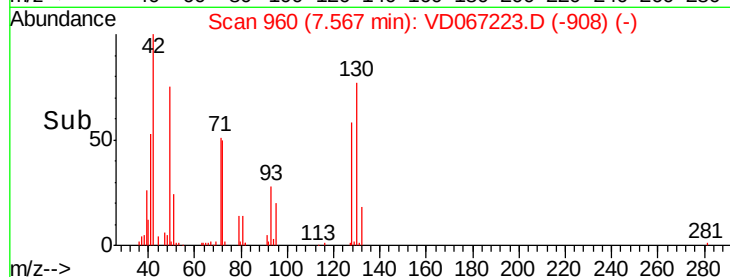
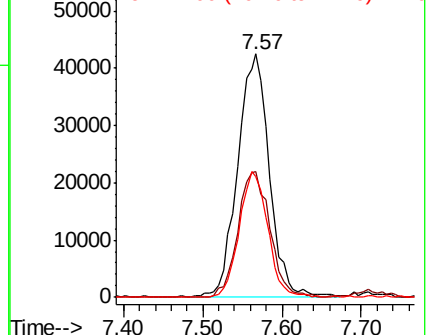
71 46.7 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 49.713 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD067223.D

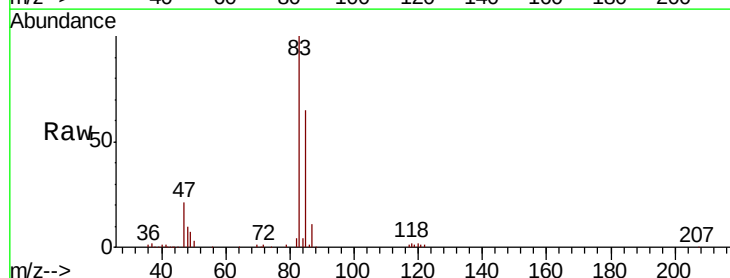
Acq: 09 Oct 2020 20:29

Tgt Ion: 83 Resp: 394483

Ion Ratio Lower Upper

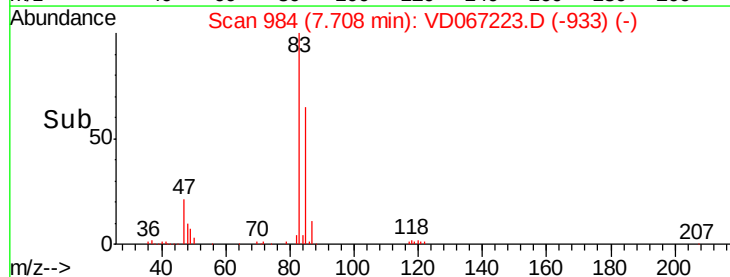
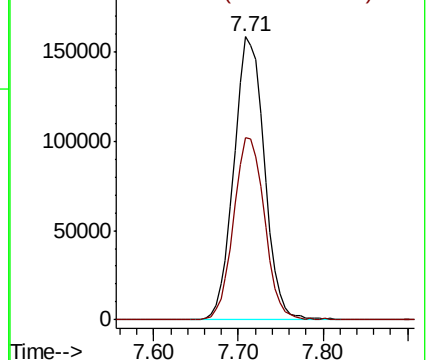
83 100

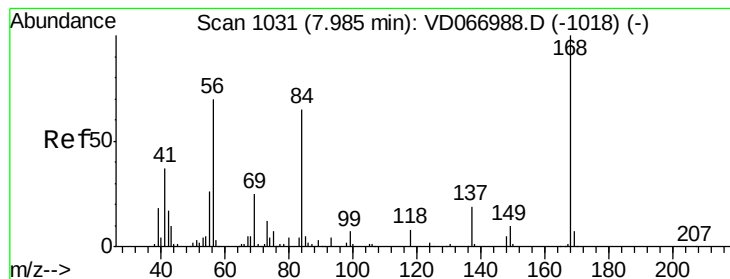
85 64.5 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 41.439 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

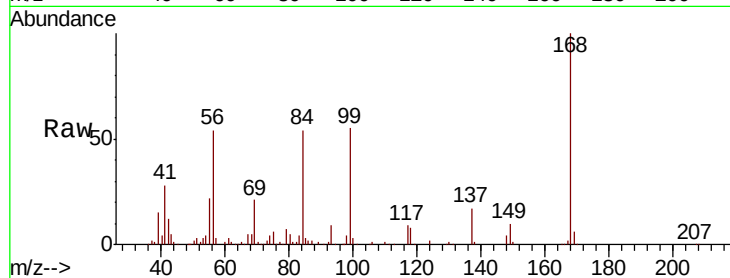
Tot Ion: 56 Resp: 254133

Ion Ratio Lower Upper

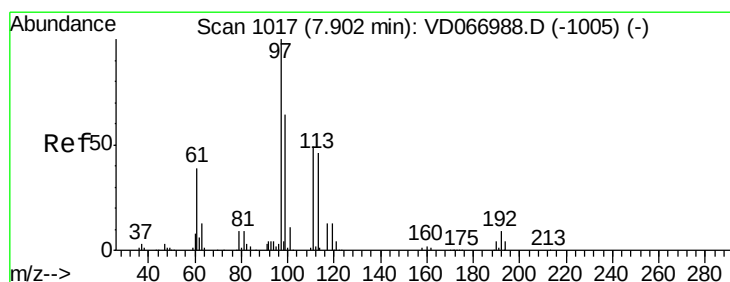
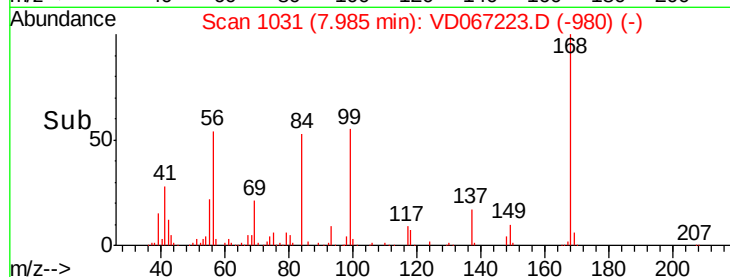
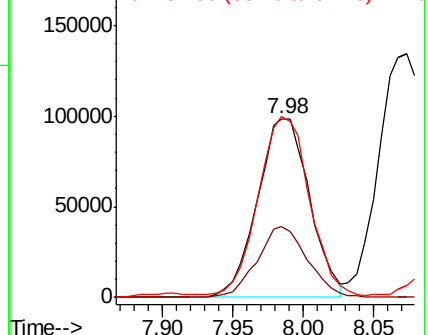
56 100

69 39.7 29.0 43.6

84 99.4 74.2 111.2



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



#32

1,1,1-Trichloroethane

Concen: 49.484 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

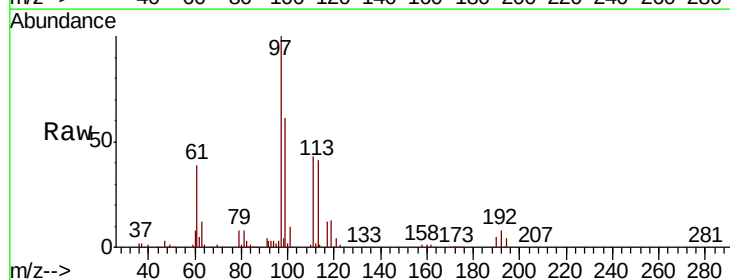
Tgt Ion: 97 Resp: 363913

Ion Ratio Lower Upper

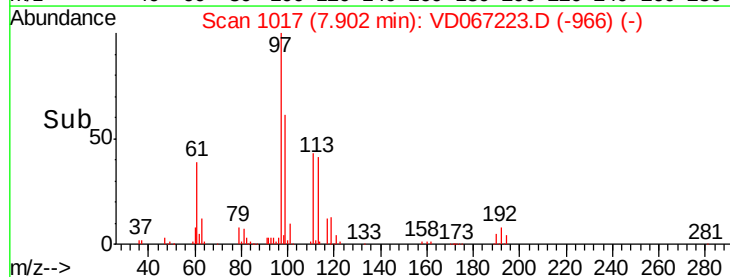
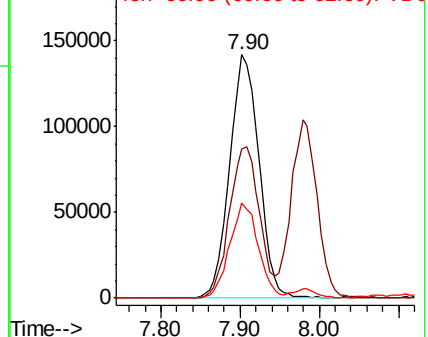
97 100

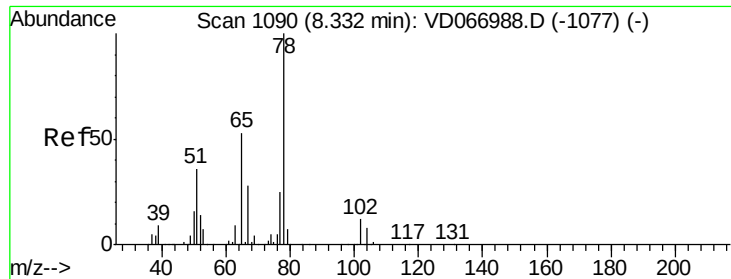
99 63.4 52.6 78.8

61 38.2 32.8 49.2



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

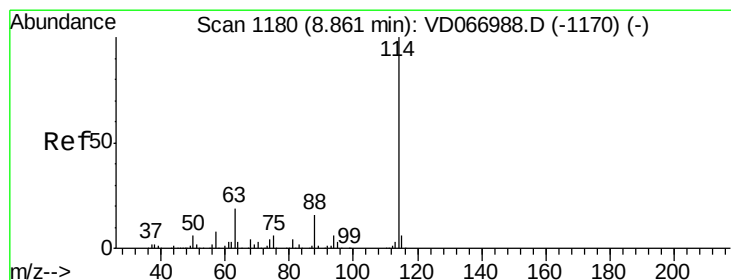
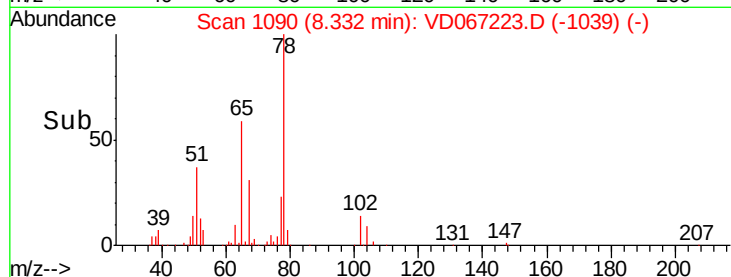
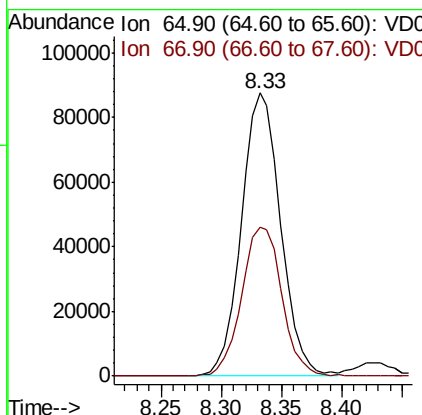
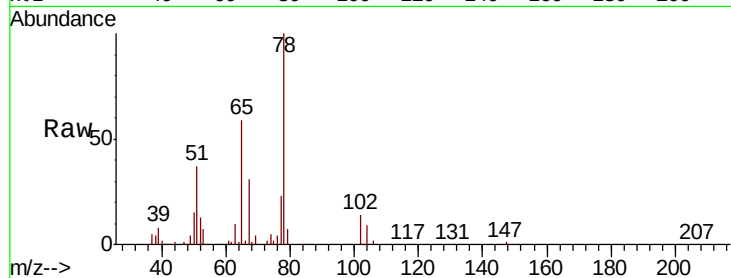




#33
 1,2-Dichloroethane-d4
 Concen: 48.536 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

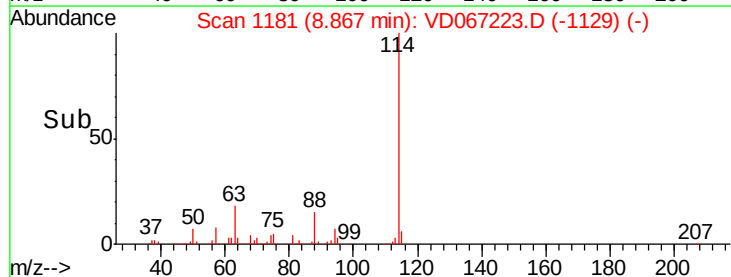
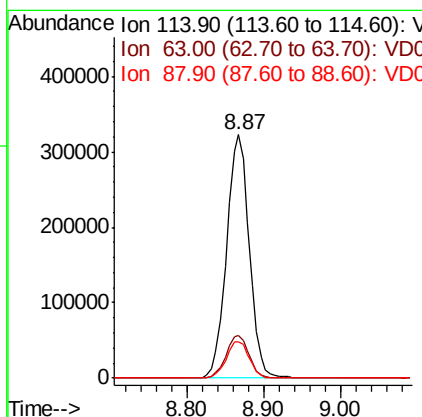
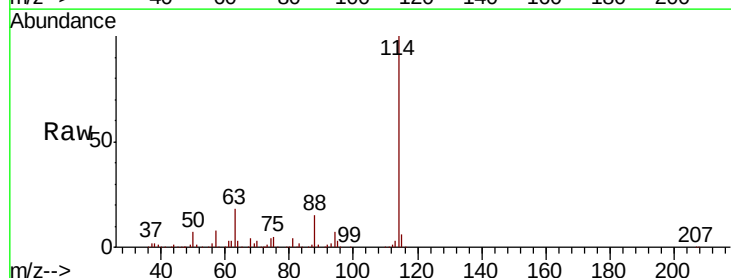
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

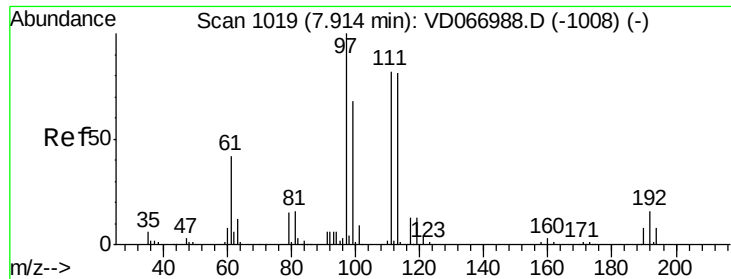
Tot Ion: 65 Resp: 198198
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

Tgt Ion: 114 Resp: 662109
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 38.4
 88 15.0 0.0 31.2

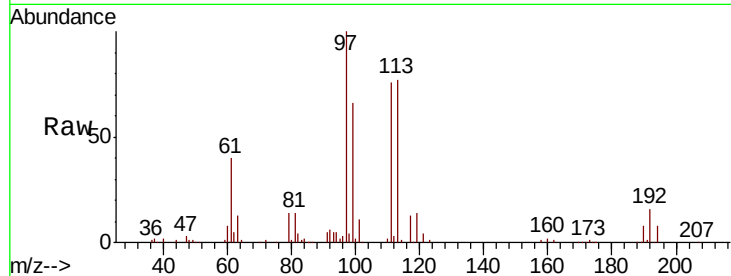




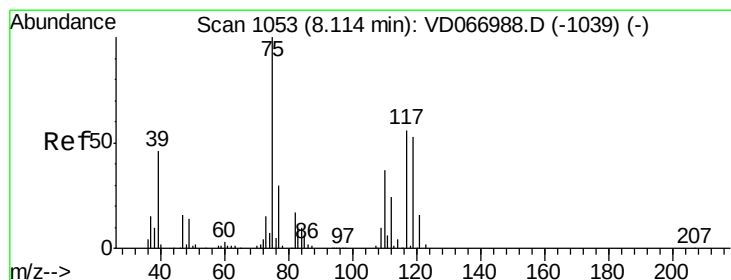
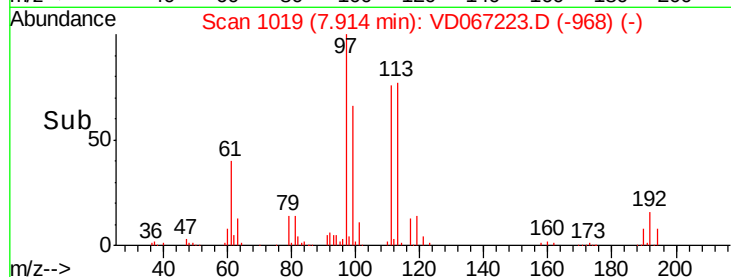
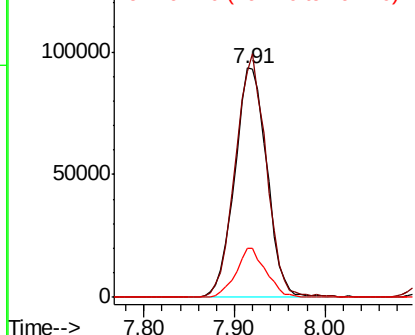
#35
Dibromofluoromethane
Concen: 53.347 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.0	124.4
192	19.7	15.5	23.3

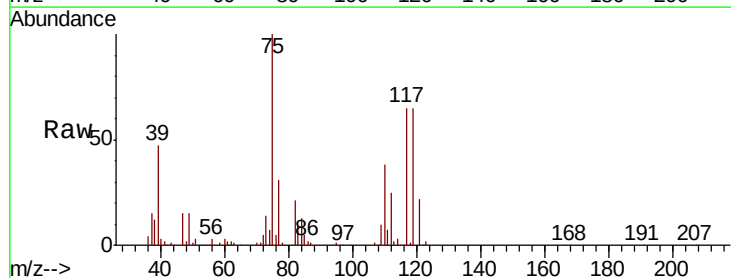


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

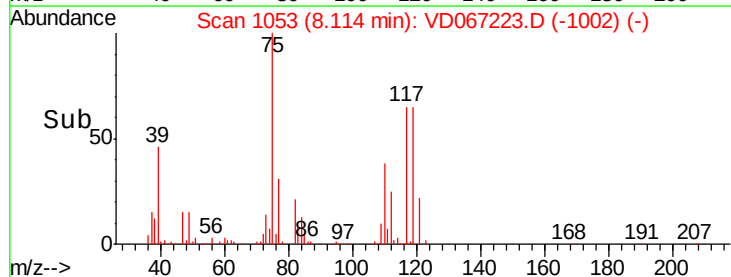
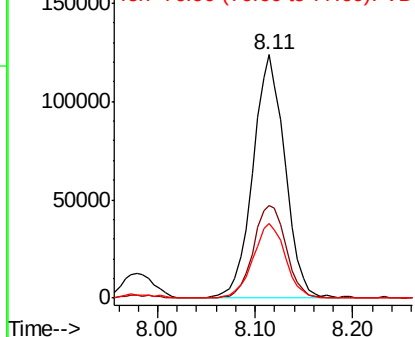


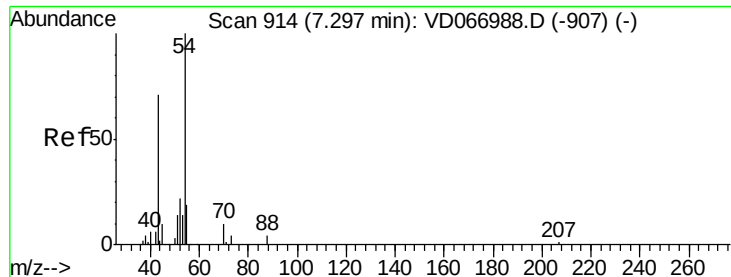
#36
1,1-Dichloropropene
Concen: 45.916 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	18.4	55.0
77	31.5	24.8	37.2



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

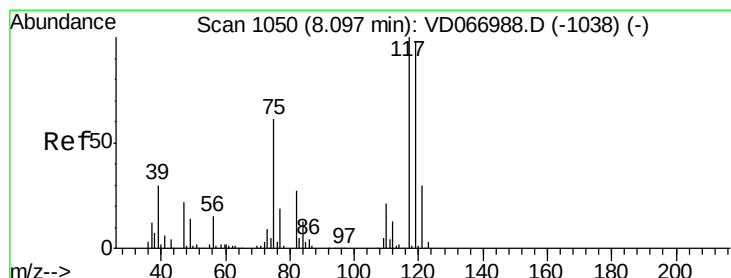
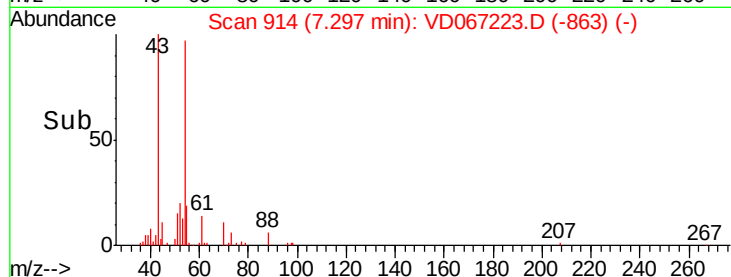
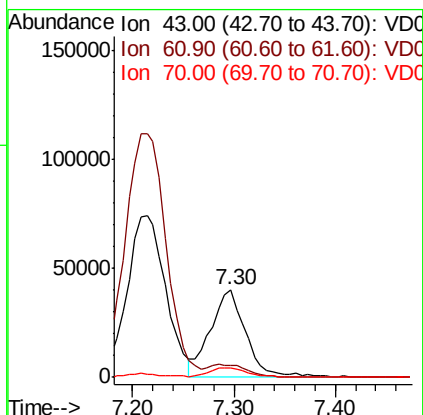
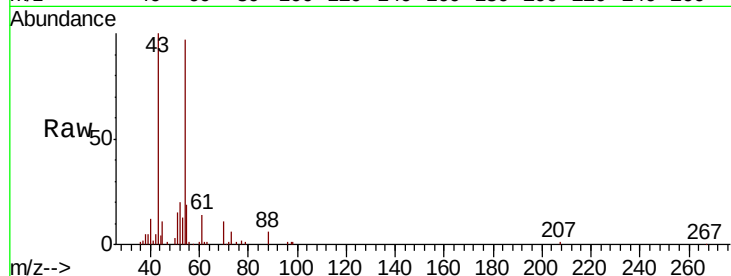




#37
Ethyl Acetate
Concen: 45.144 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

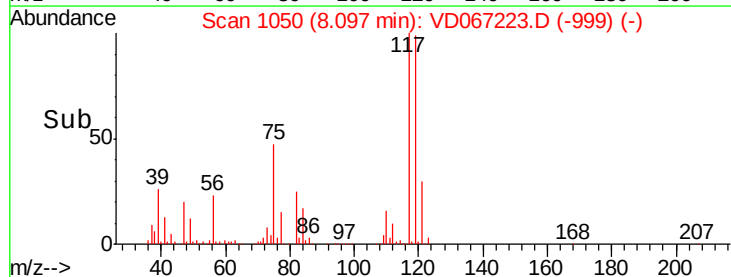
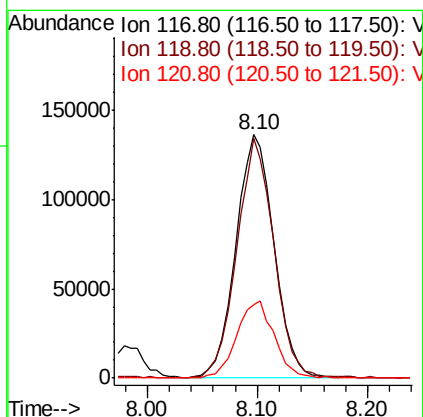
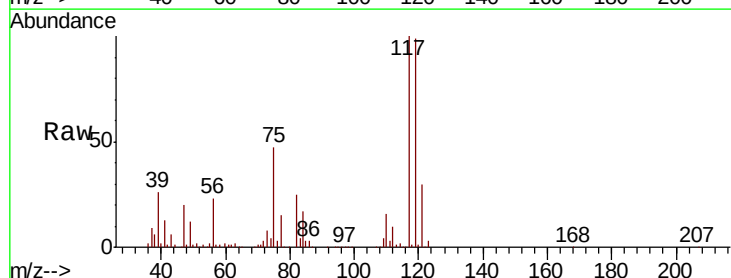
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

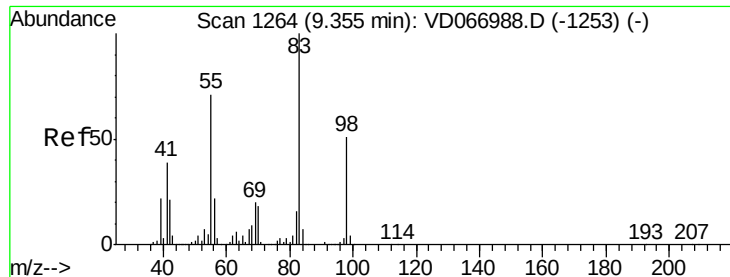
Tot Ion: 43 Resp: 96518
Ion Ratio Lower Upper
43 100
61 15.0 12.5 18.7
70 12.2 9.4 14.0



#38
Carbon Tetrachloride
Concen: 49.281 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Tgt Ion: 117 Resp: 329077
Ion Ratio Lower Upper
117 100
119 98.8 78.7 118.1
121 30.0 24.2 36.2

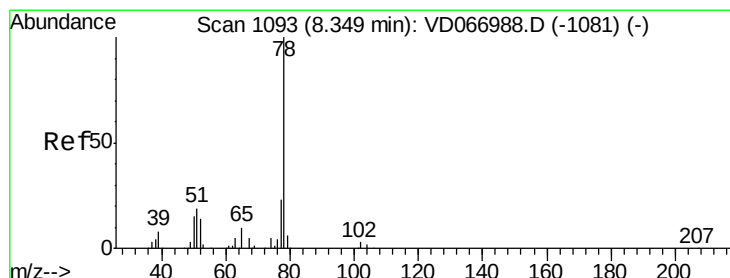
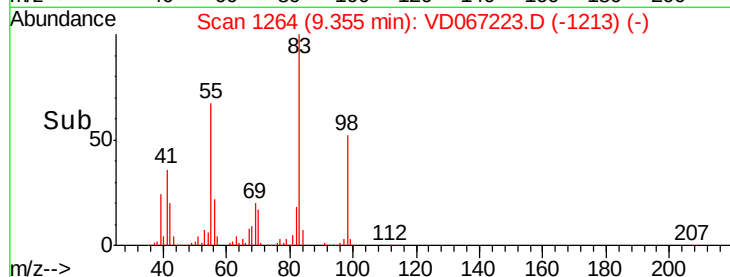
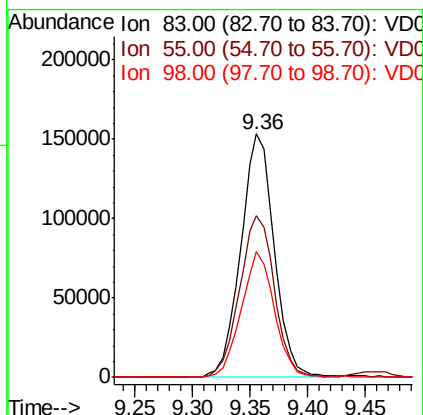
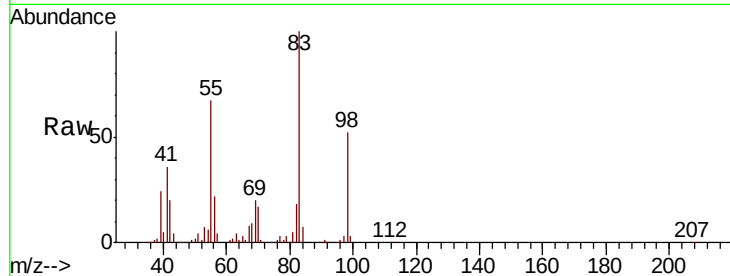




#39
Methylvlcyclohexane
Concen: 47.368 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

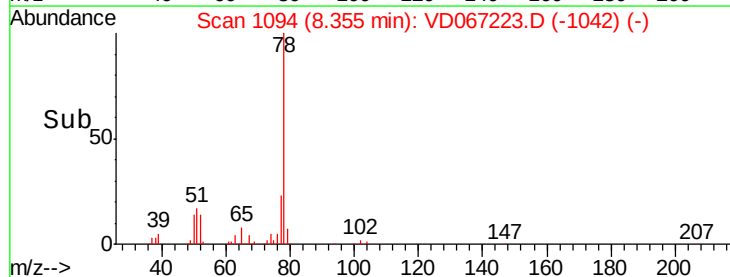
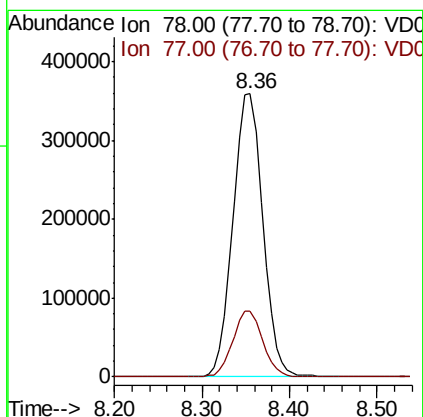
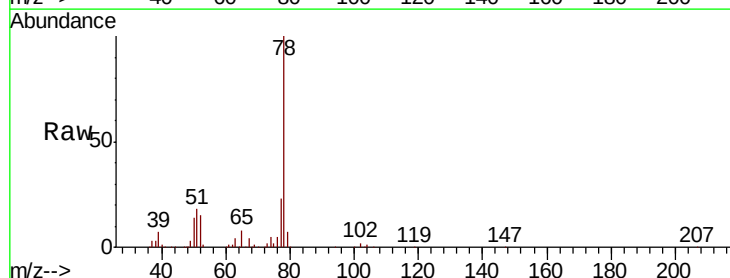
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

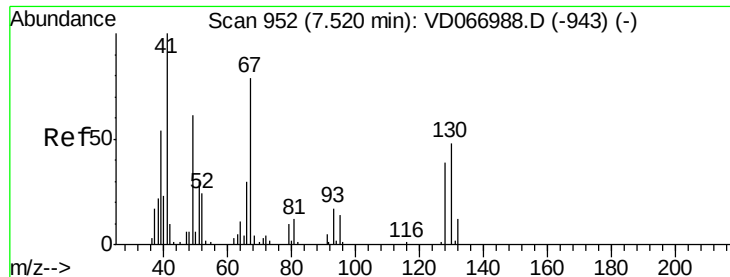
Tot Ion: 83 Resp: 309070
Ion Ratio Lower Upper
83 100
55 66.6 57.1 85.7
98 51.8 40.9 61.3



#40
Benzene
Concen: 48.500 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Tgt Ion: 78 Resp: 831380
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6





#41

Methacrylonitrile

Concen: 105.416 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.04 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 121761

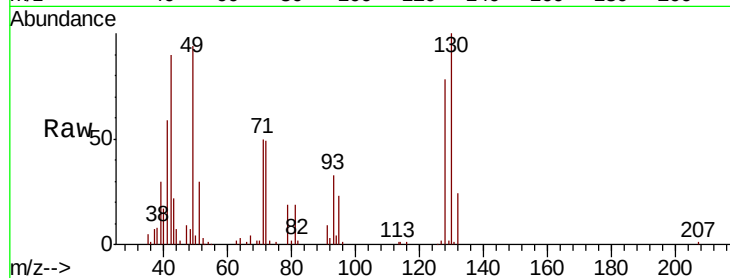
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

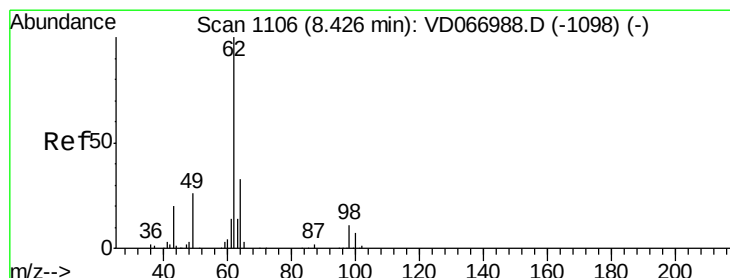
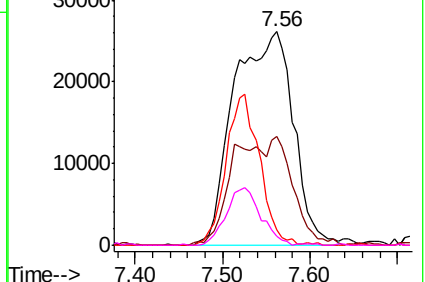
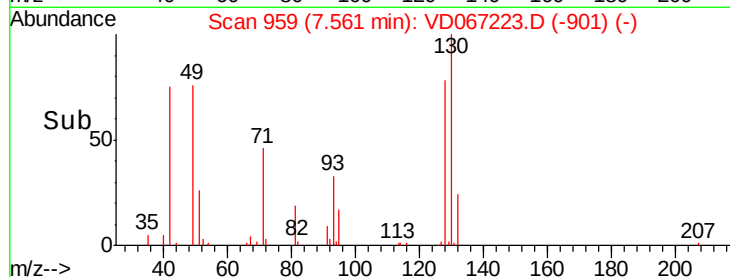


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 48.631 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067223.D

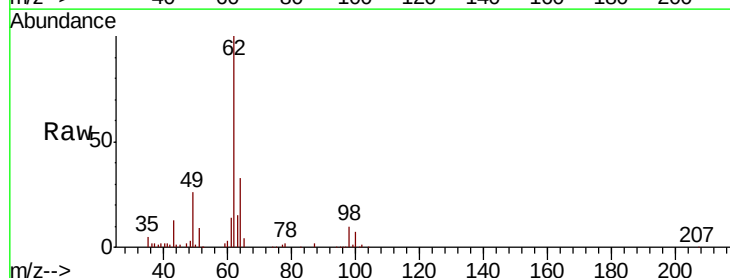
Acq: 09 Oct 2020 20:29

Tgt Ion: 62 Resp: 232942

Ion Ratio Lower Upper

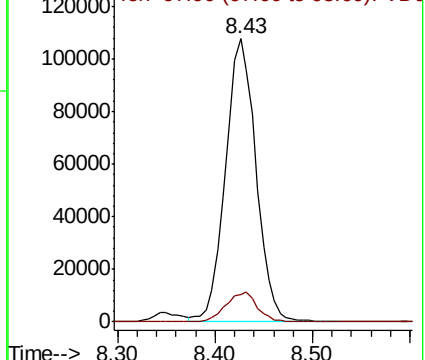
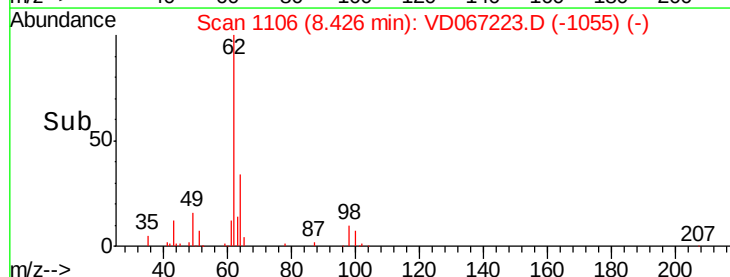
62 100

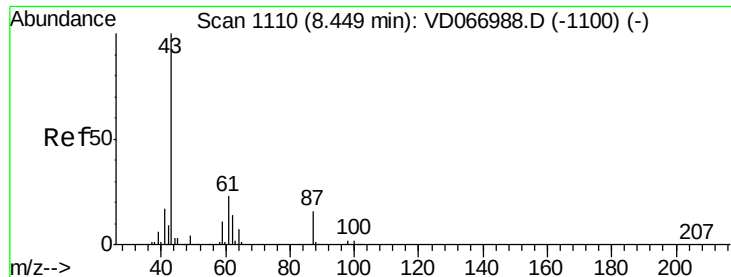
98 10.8 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 47.330 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

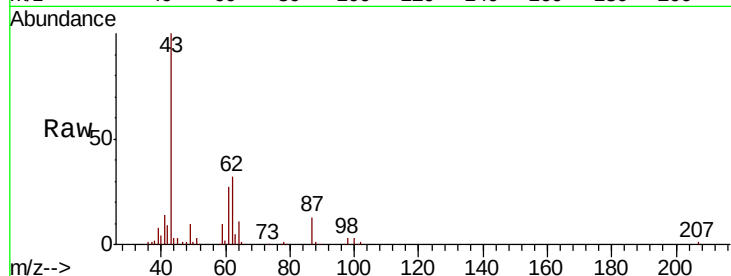
Tot Ion: 43 Resp: 186418

Ion Ratio Lower Upper

43 100

61 35.0 27.1 40.7

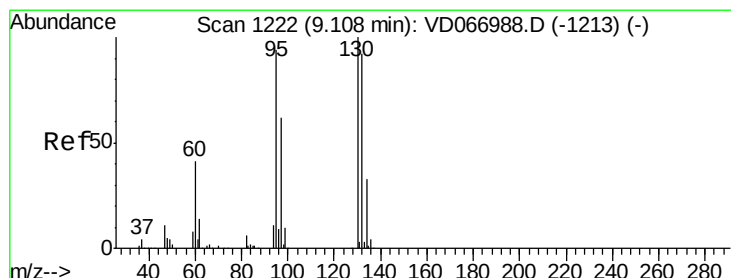
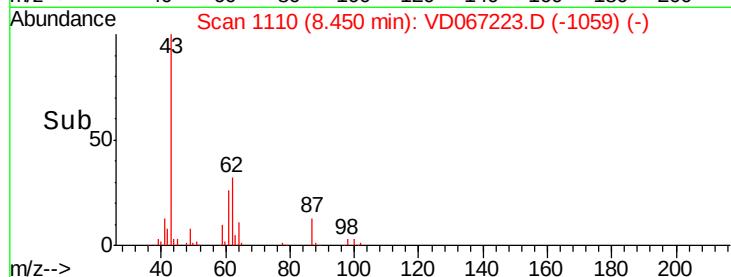
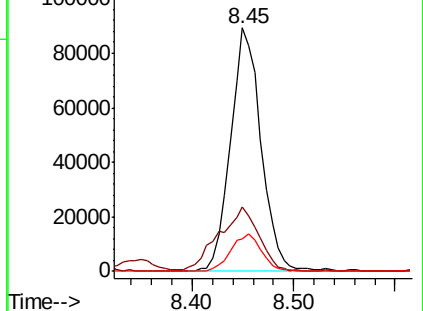
87 15.5 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.160 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067223.D

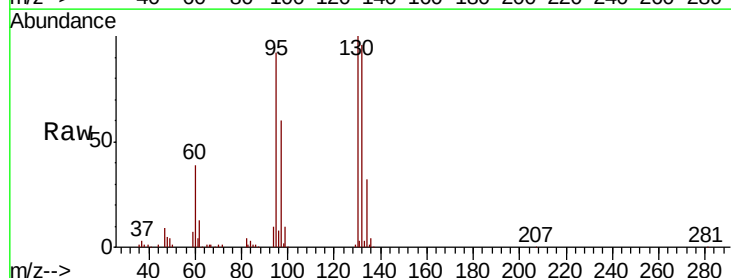
Acq: 09 Oct 2020 20:29

Tgt Ion:130 Resp: 251636

Ion Ratio Lower Upper

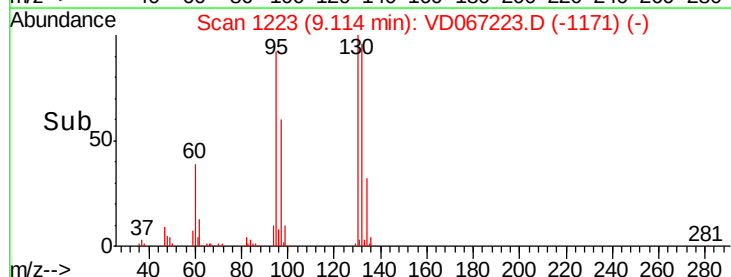
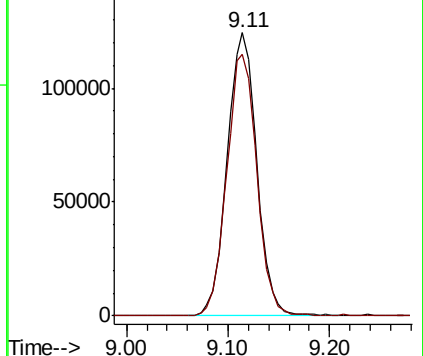
130 100

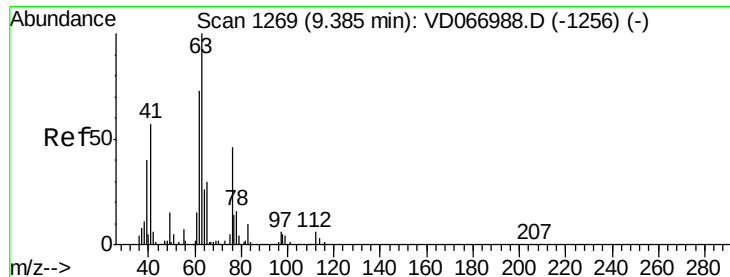
95 92.2 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

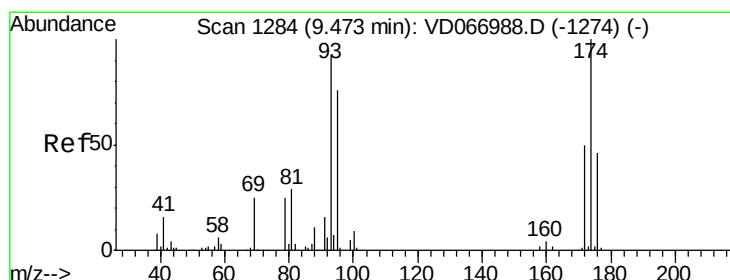
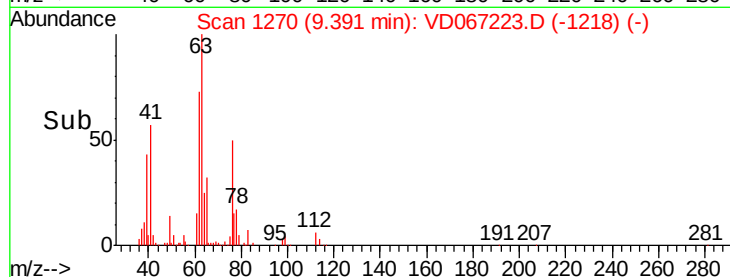
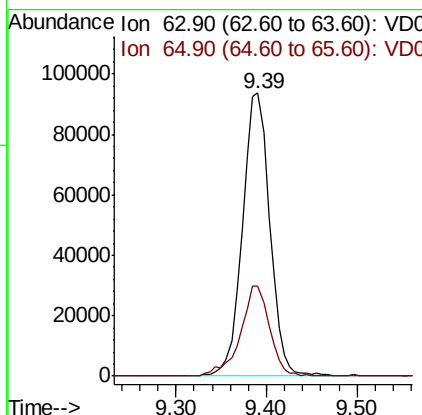
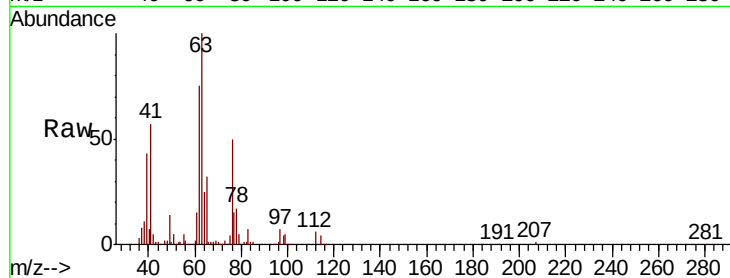




#45
 1,2-Dichloropropane
 Concen: 48.747 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

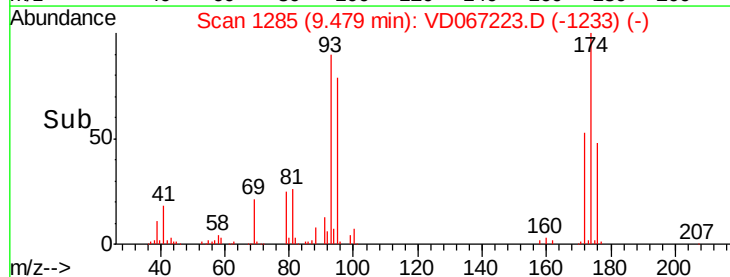
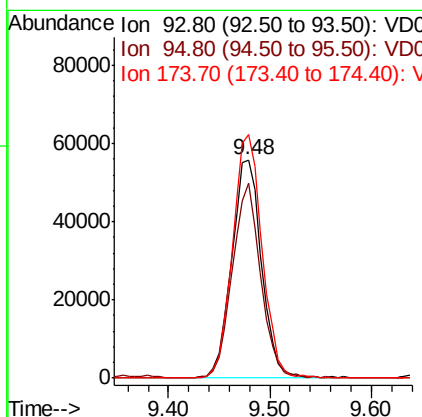
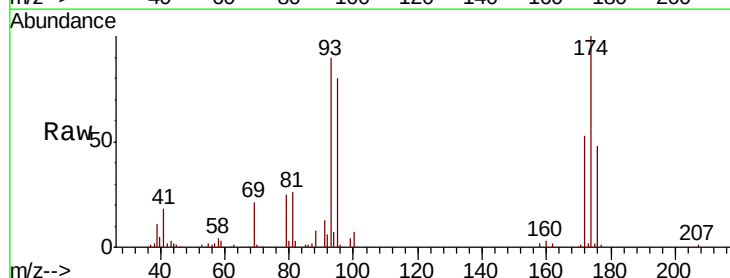
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

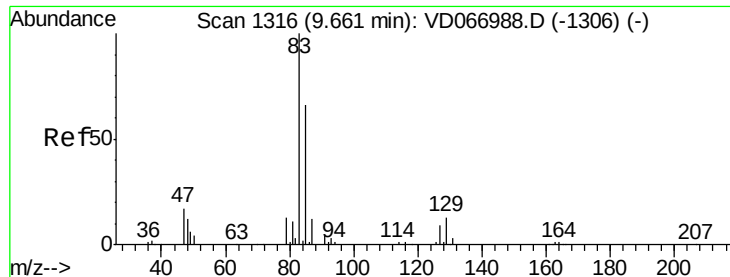
Tot Ion: 63 Resp: 196339
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.7 35.5



#46
 Dibromomethane
 Concen: 49.291 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

Tgt Ion: 93 Resp: 114105
 Ion Ratio Lower Upper
 93 100
 95 85.0 64.7 97.1
 174 109.6 81.4 122.2

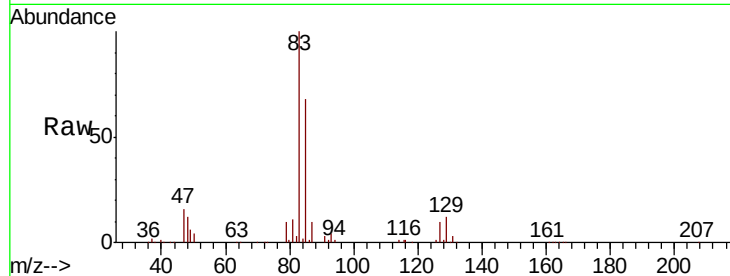




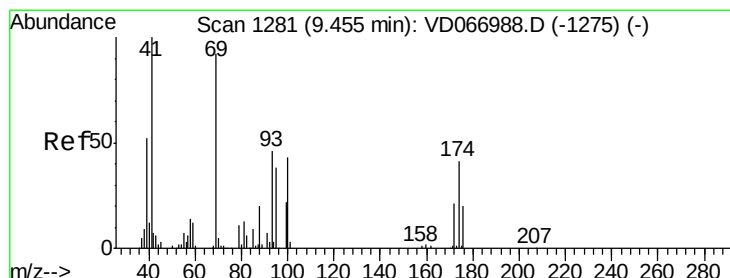
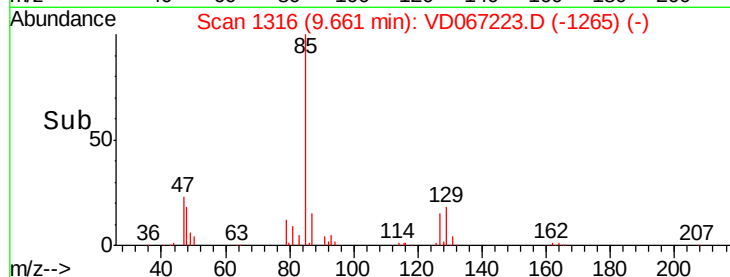
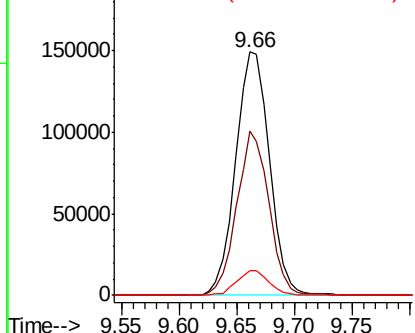
#47
Bromodichloromethane
Concen: 50.483 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 303783
Ion Ratio Lower Upper
83 100
85 67.5 52.9 79.3
127 10.3 7.3 10.9

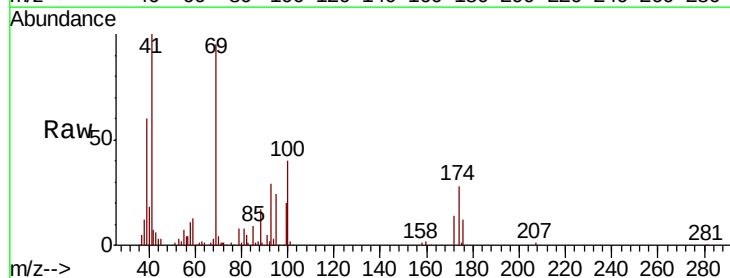


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V

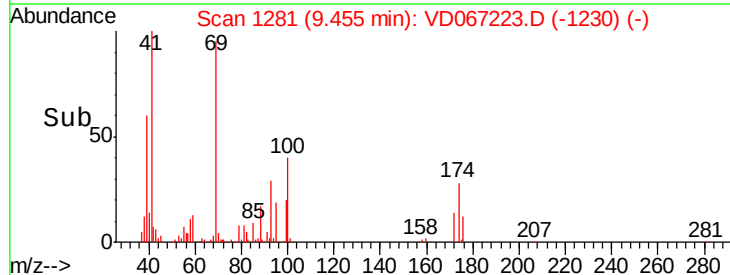
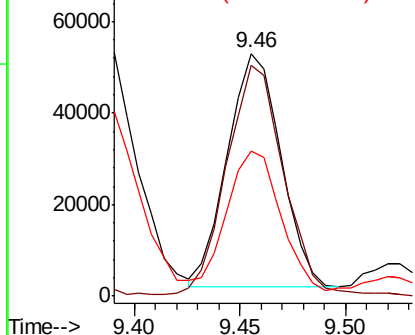


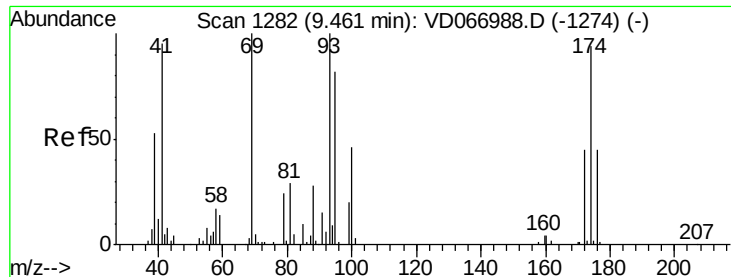
#48
Methyl methacrylate
Concen: 44.231 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Tgt Ion: 41 Resp: 89251
Ion Ratio Lower Upper
41 100
69 107.2 68.5 102.7#
39 60.2 40.2 60.2



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





#49

1,4-Dioxane

Concen: 910.497 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

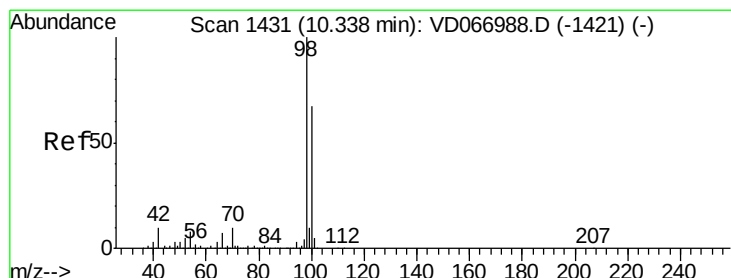
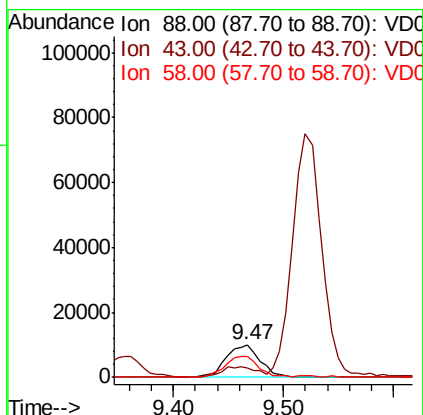
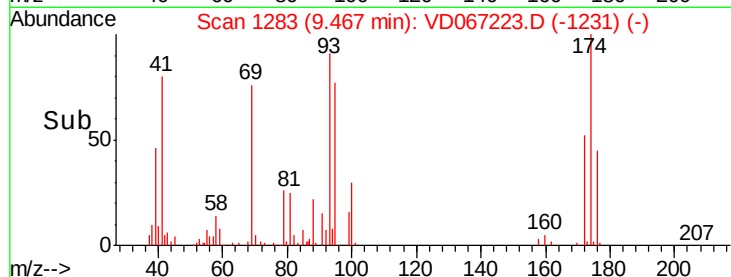
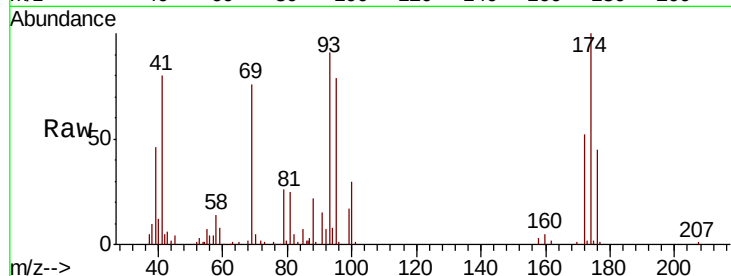
Tot Ion: 88 Resp: 21998

Ion Ratio Lower Upper

88 100

43 33.8 25.6 38.4

58 62.5 53.5 80.3



#50

Toluene-d8

Concen: 50.869 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD067223.D

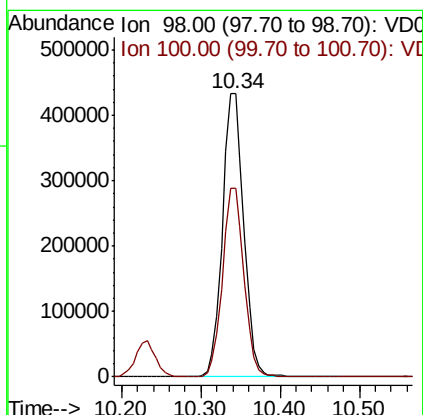
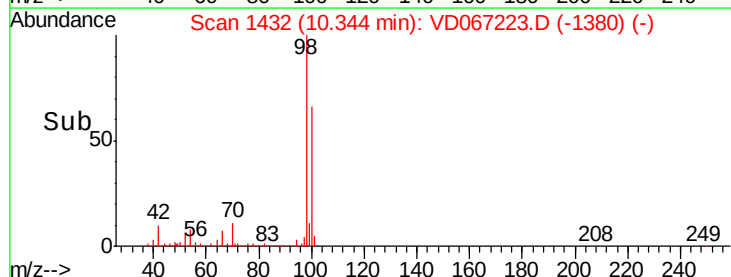
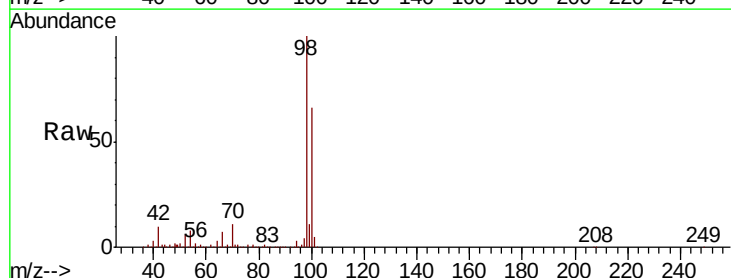
Acq: 09 Oct 2020 20:29

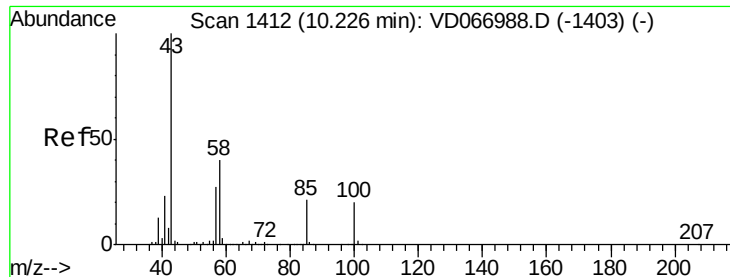
Tgt Ion: 98 Resp: 803487

Ion Ratio Lower Upper

98 100

100 67.1 52.8 79.2

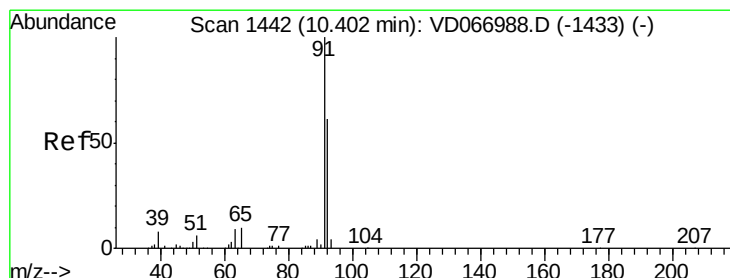
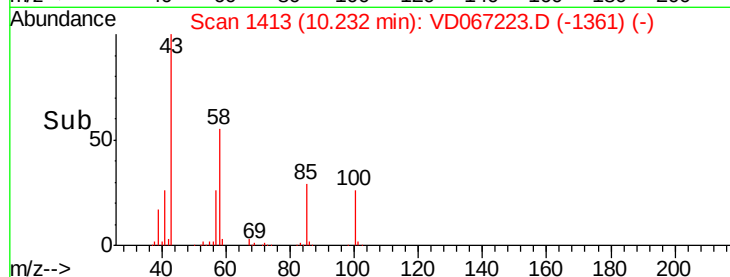
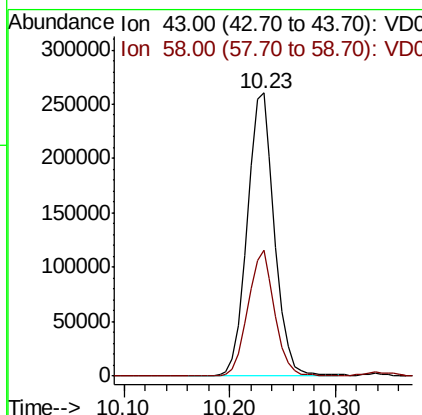
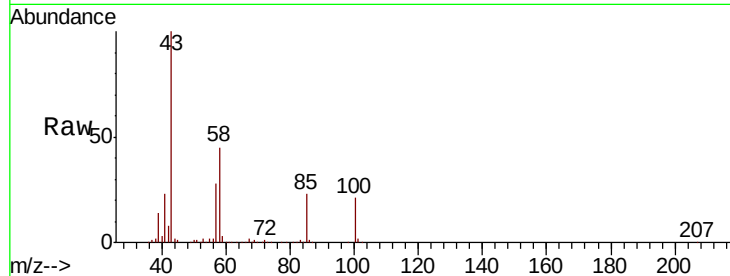




#51
 4-Methyl-2-Pentanone
 Concen: 237.484 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

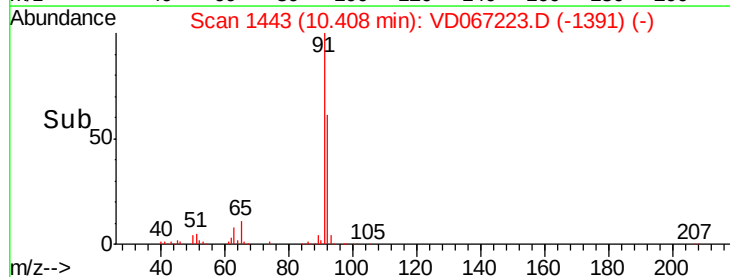
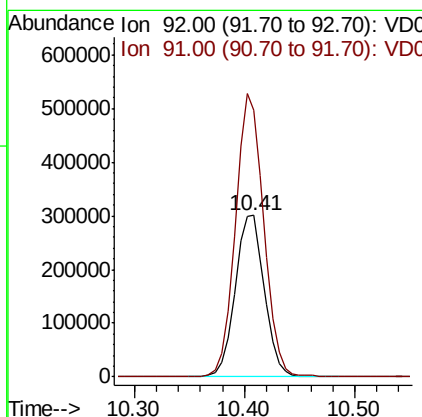
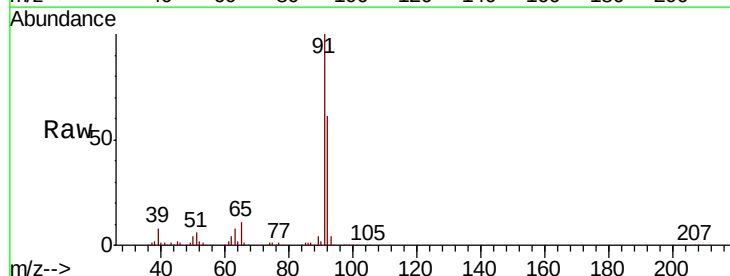
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

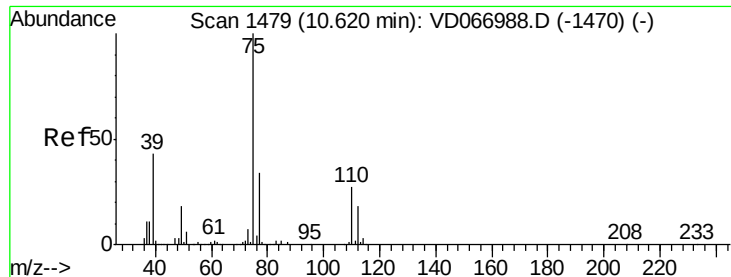
Tot Ion: 43 Resp: 465906
 Ion Ratio Lower Upper
 43 100
 58 43.7 33.8 50.8



#52
 Toluene
 Concen: 50.493 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

Tgt Ion: 92 Resp: 557558
 Ion Ratio Lower Upper
 92 100
 91 170.3 135.1 202.7

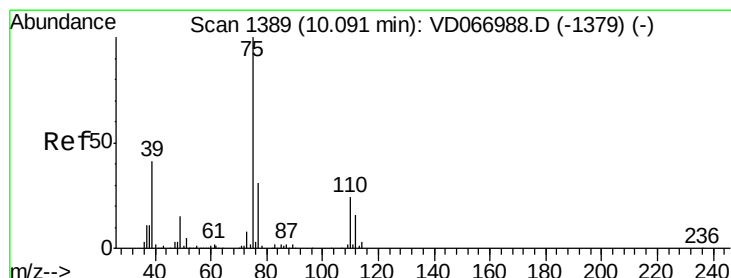
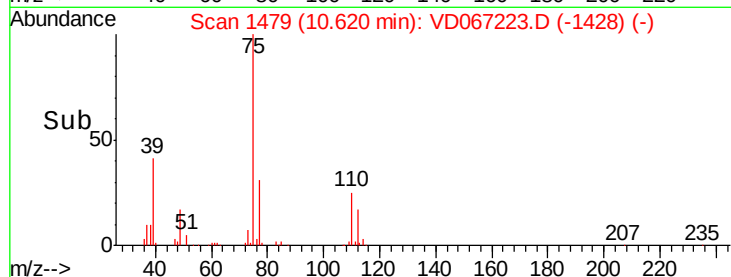
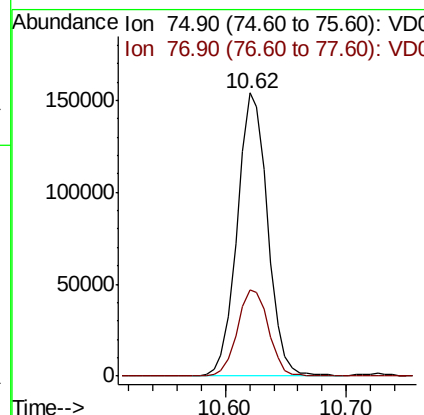
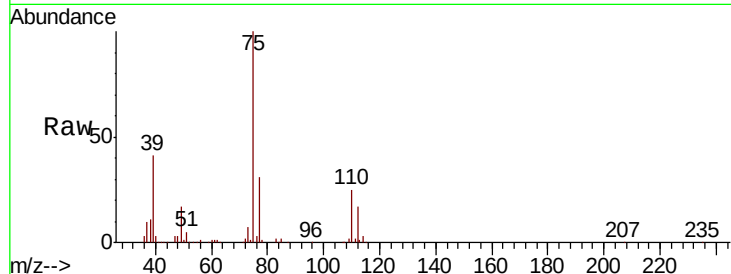




#53
t-1,3-Dichloropropene
Concen: 50.277 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

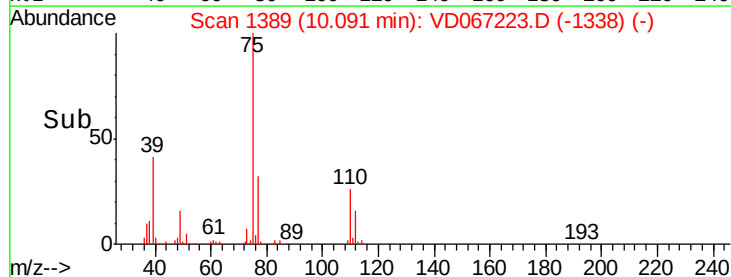
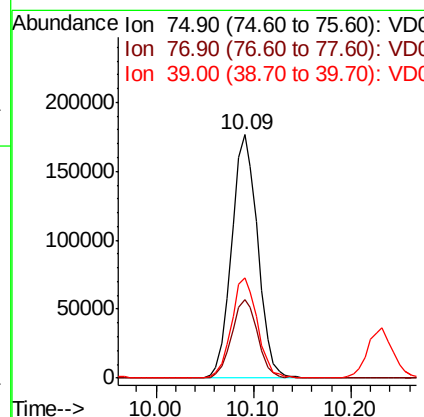
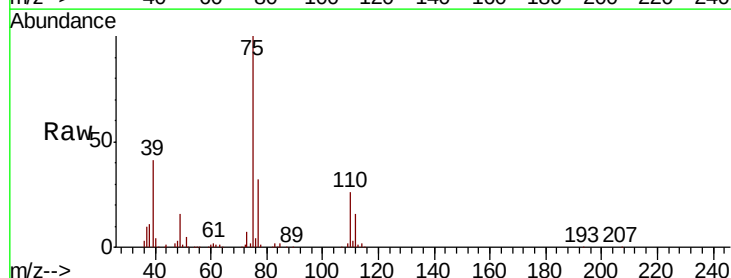
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

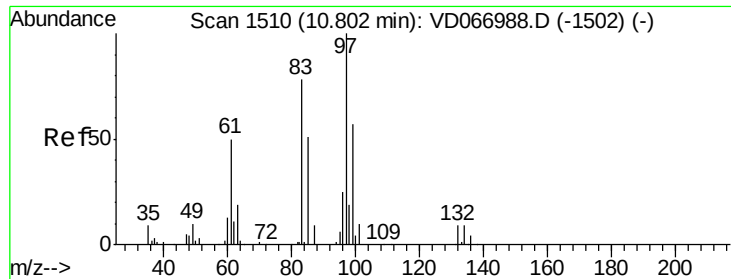
Tot Ion: 75 Resp: 270393
Ion Ratio Lower Upper
75 100
77 30.5 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 49.772 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Tgt Ion: 75 Resp: 326865
Ion Ratio Lower Upper
75 100
77 32.5 24.6 37.0
39 41.1 33.0 49.4

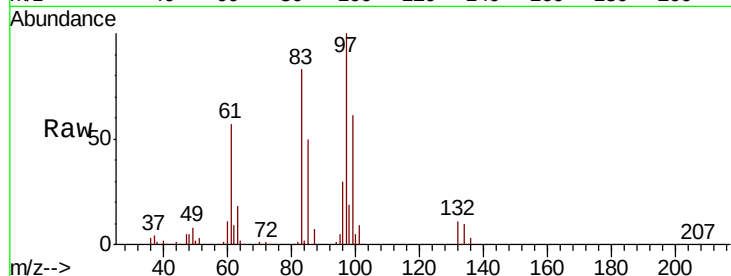




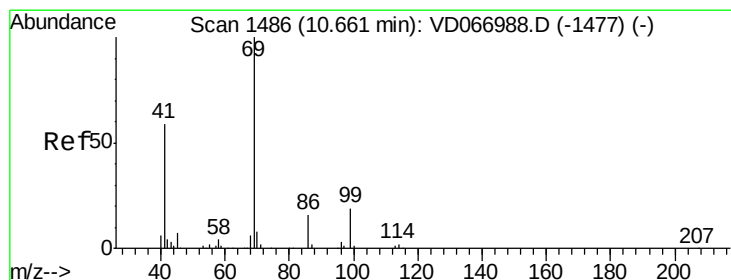
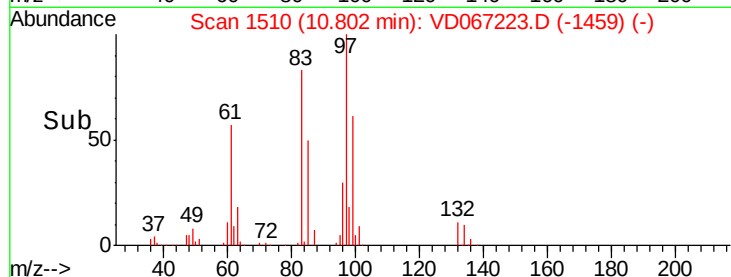
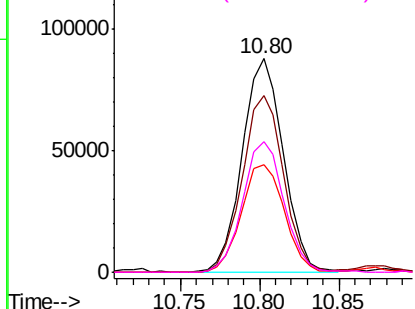
#55
 1,1,2-Trichloroethane
 Concen: 49.258 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.6	62.4	93.6
85	50.3	41.0	61.4
99	61.2	45.9	68.9

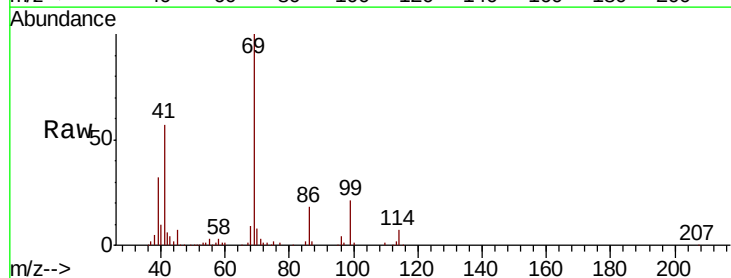


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

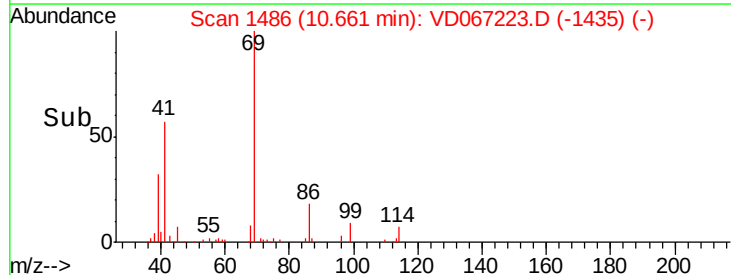
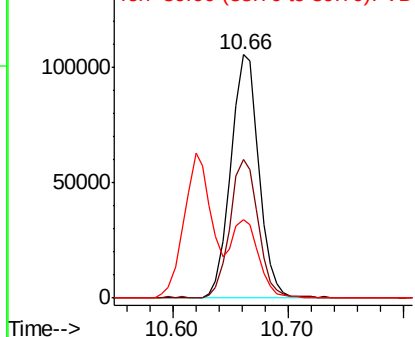


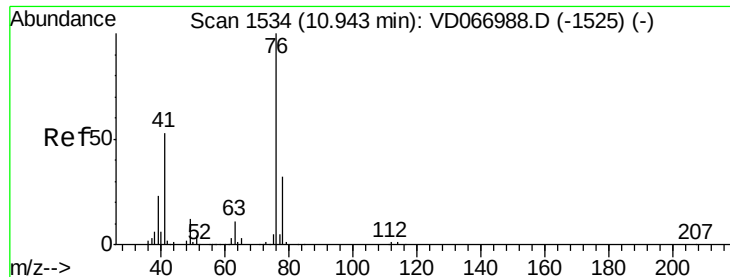
#56
 Ethyl methacrylate
 Concen: 53.775 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.7	46.4	69.6
39	32.1	23.8	35.6



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





#57

1,3-Dichloropropane

Concen: 49.727 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

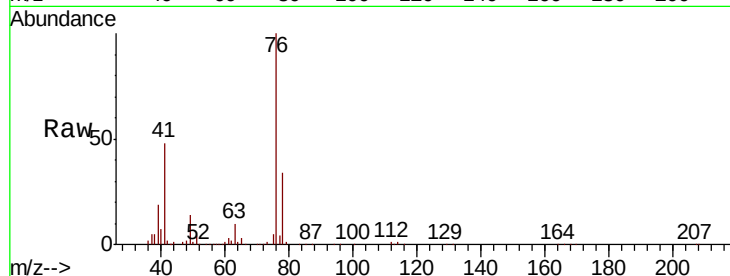
VSTDCCC050EC

Tot Ion: 76 Resp: 259527

Ion Ratio Lower Upper

76 100

78 33.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

150000

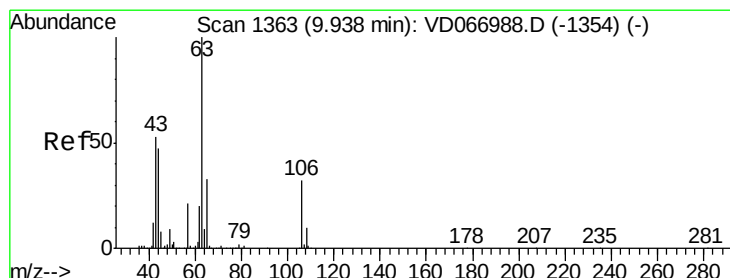
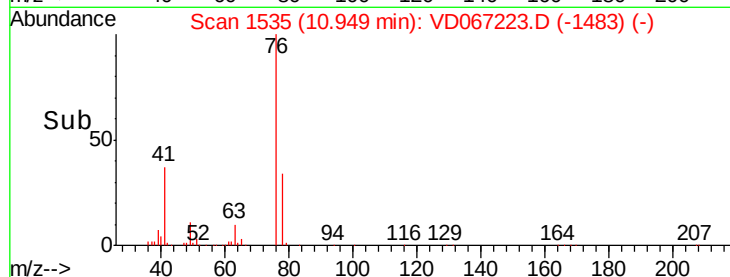
100000

50000

0

Time-->

10.90 11.00



#58

2-Chloroethyl Vinyl ether

Concen: 270.084 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VD067223.D

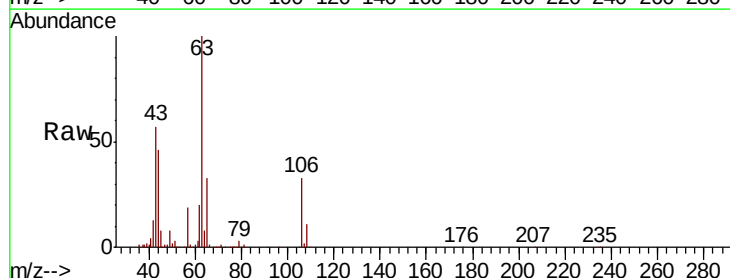
Acq: 09 Oct 2020 20:29

Tgt Ion: 63 Resp: 499506

Ion Ratio Lower Upper

63 100

106 32.2 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

300000

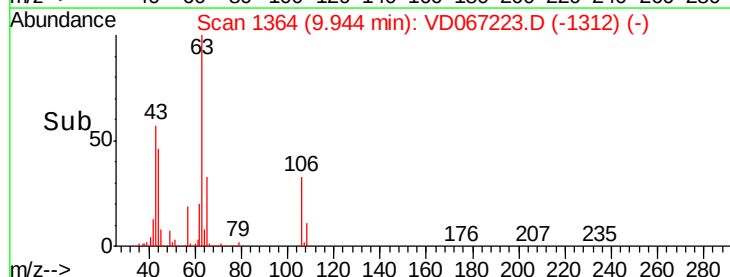
200000

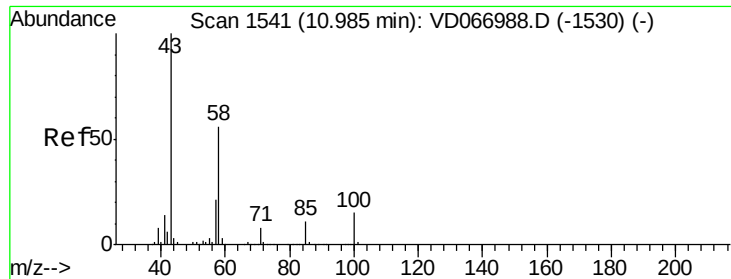
100000

0

Time-->

9.90 10.00

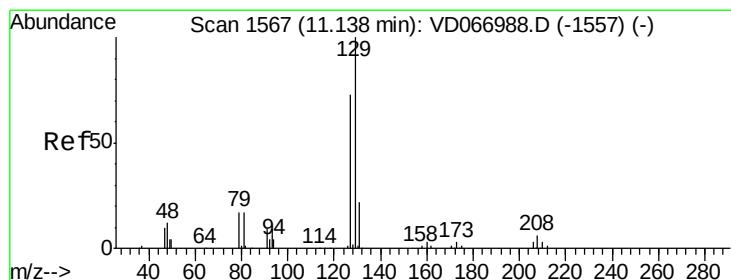
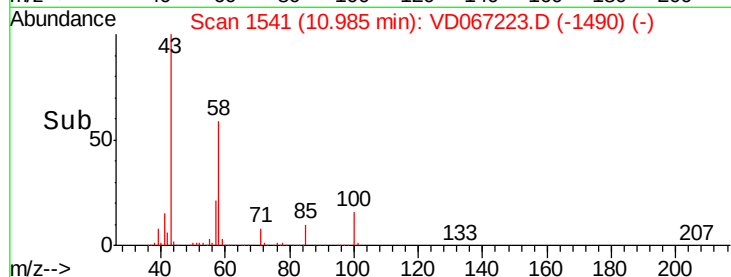
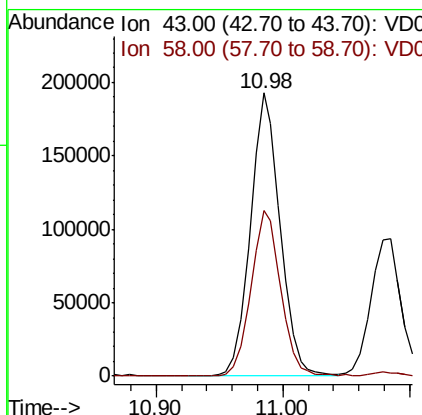
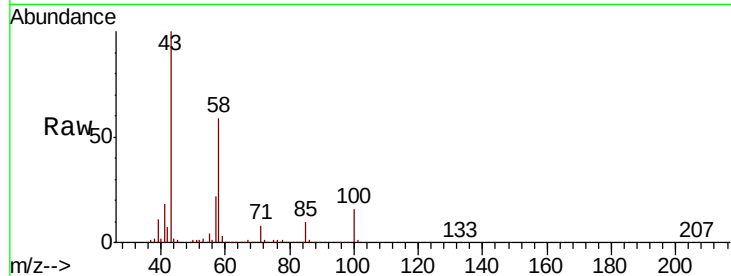




#59
2-Hexanone
Concen: 240.035 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

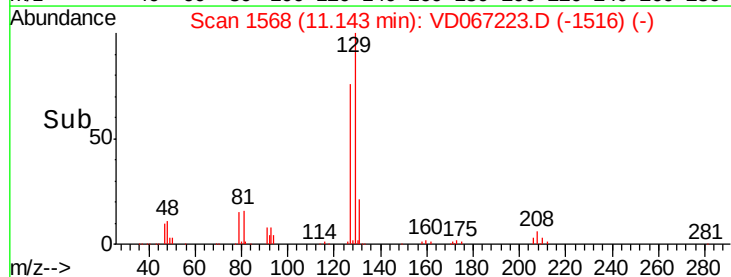
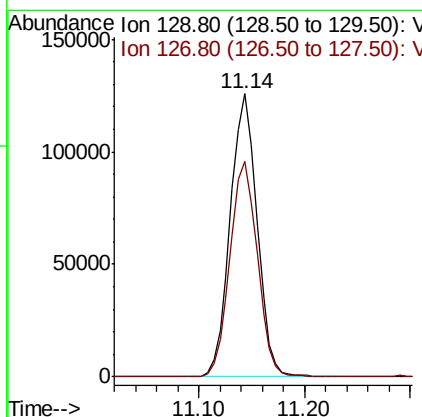
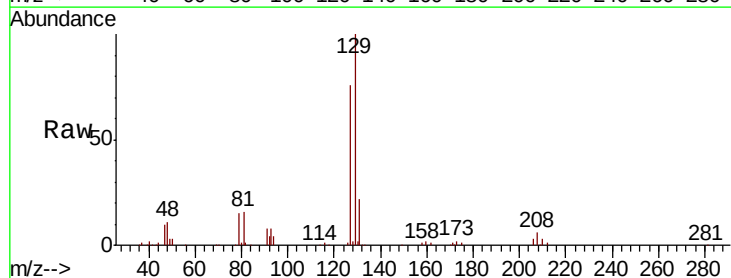
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

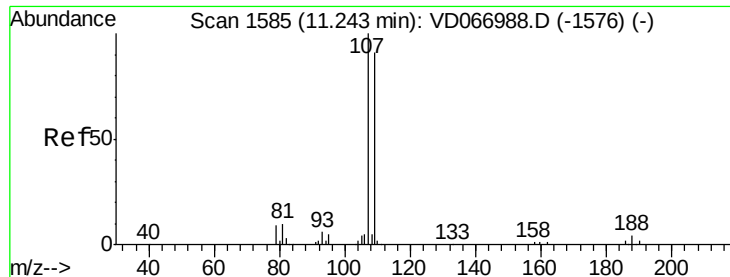
Tot Ion: 43 Resp: 314306
Ion Ratio Lower Upper
43 100
58 58.8 28.3 84.9



#60
Dibromochloromethane
Concen: 51.507 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Tgt Ion: 129 Resp: 220946
Ion Ratio Lower Upper
129 100
127 77.9 37.4 112.1





#61

1,2-Dibromoethane

Concen: 50.588 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

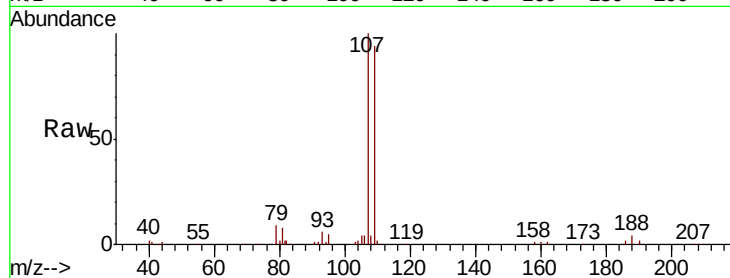
VSTDCCC050EC

Tot Ion:107 Resp: 156420

Ion Ratio Lower Upper

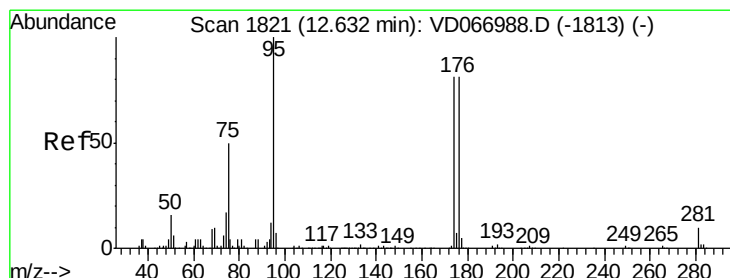
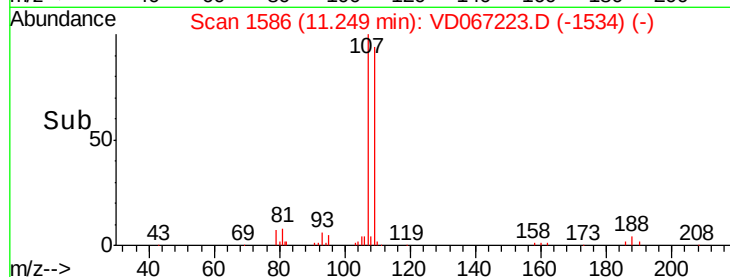
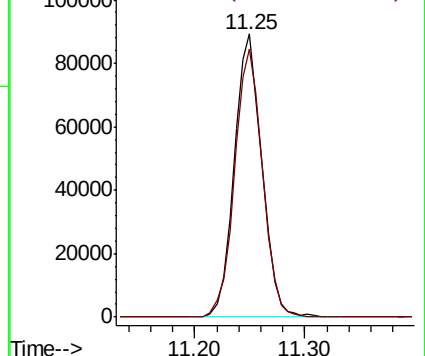
107 100

109 95.8 74.0 111.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.831 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

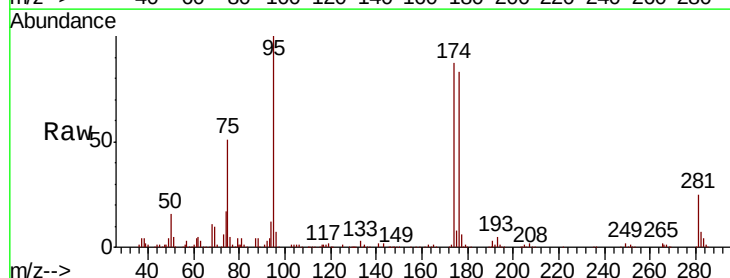
Tgt Ion: 95 Resp: 283283

Ion Ratio Lower Upper

95 100

174 84.2 0.0 167.6

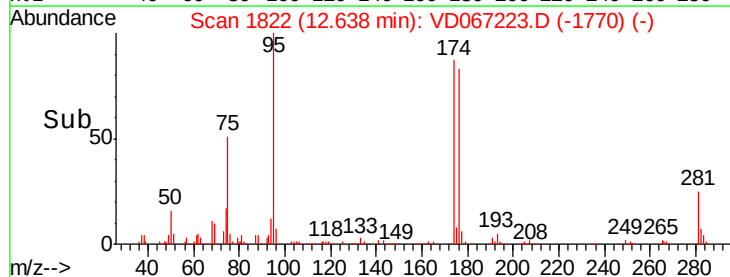
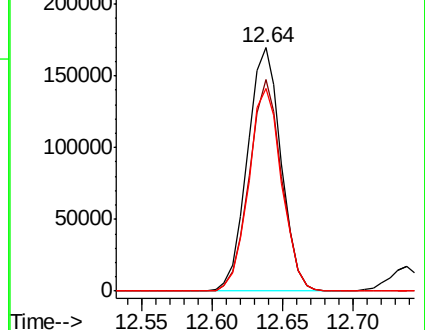
176 82.1 0.0 162.4

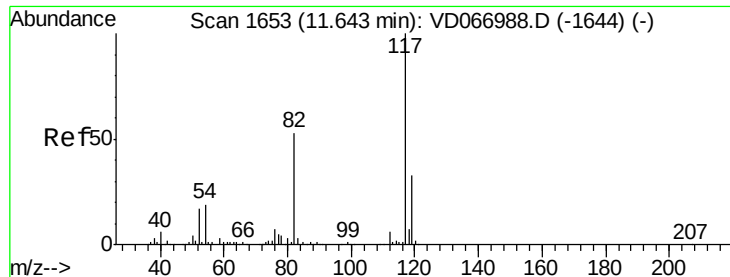


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

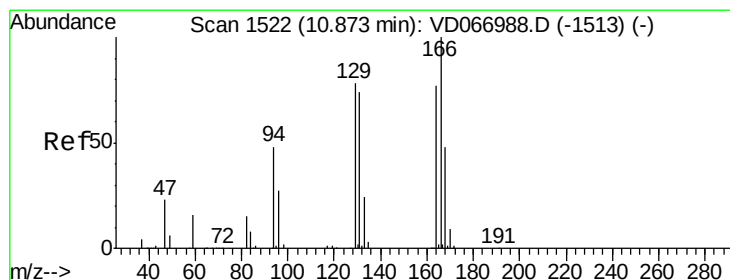
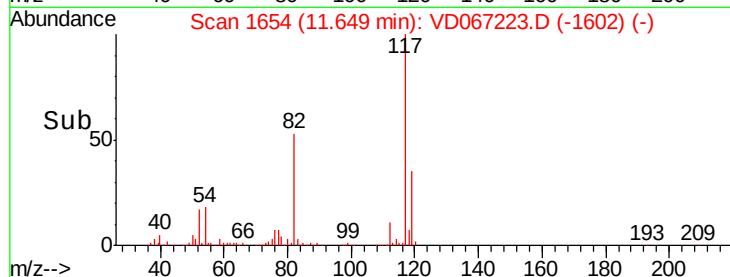
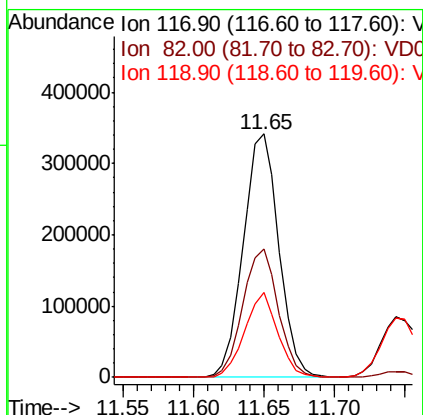
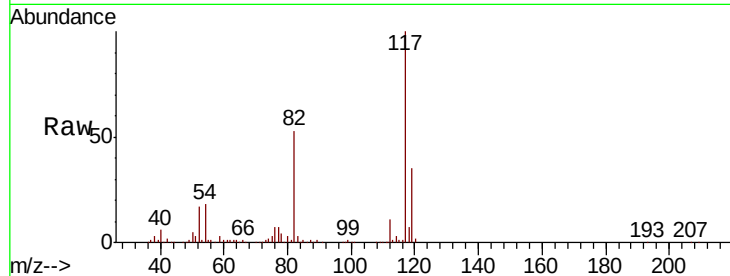




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

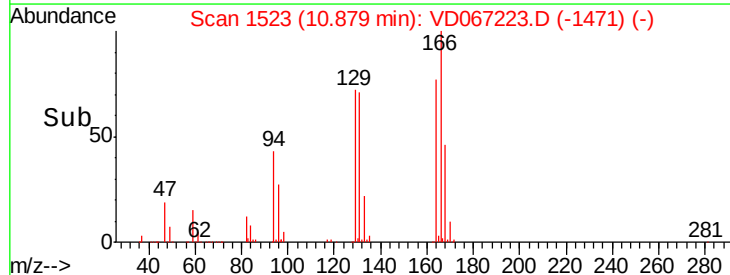
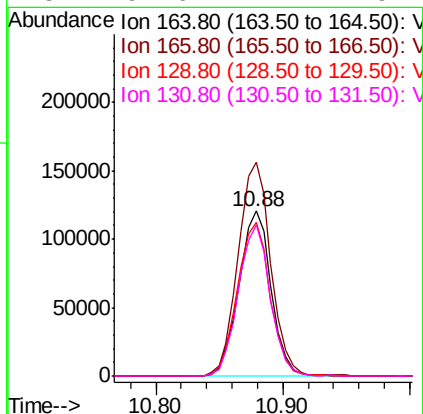
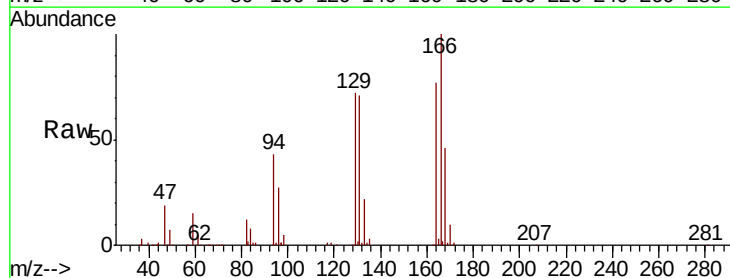
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

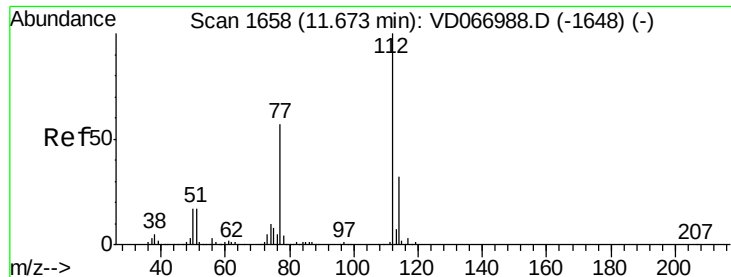
Tot Ion:117 Resp: 602891
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 34.7 26.3 39.5



#64
Tetrachloroethene
Concen: 48.480 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Tgt Ion:164 Resp: 212488
Ion Ratio Lower Upper
164 100
166 129.6 104.4 156.6
129 93.4 81.3 121.9
131 91.6 77.1 115.7

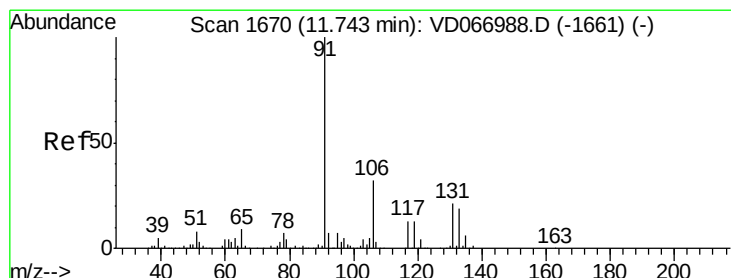
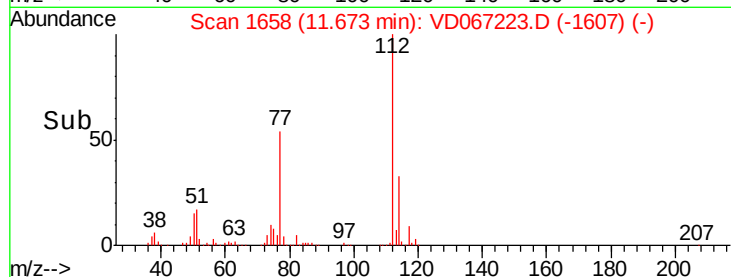
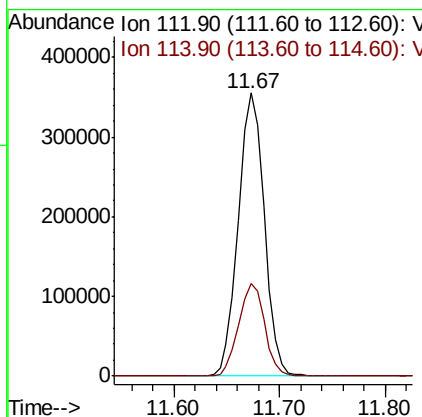
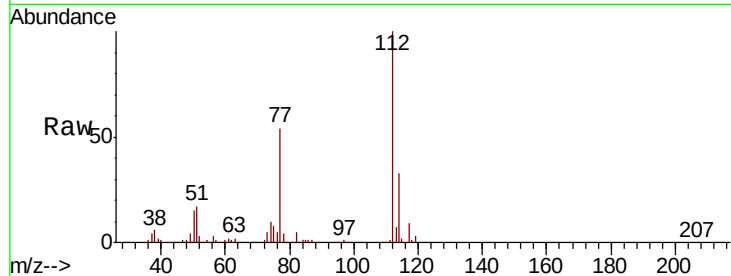




#65
Chlorobenzene
Concen: 50.622 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

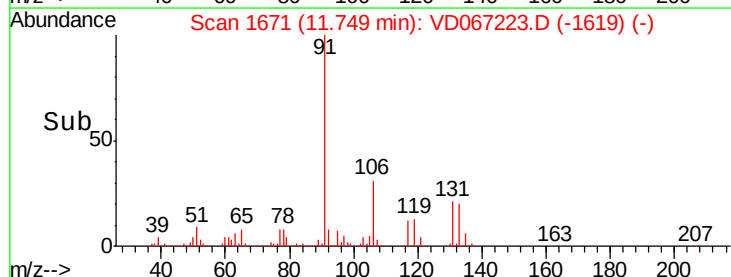
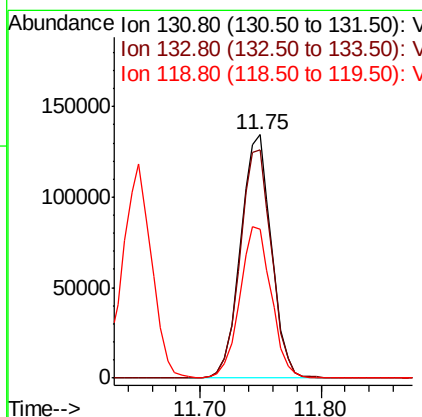
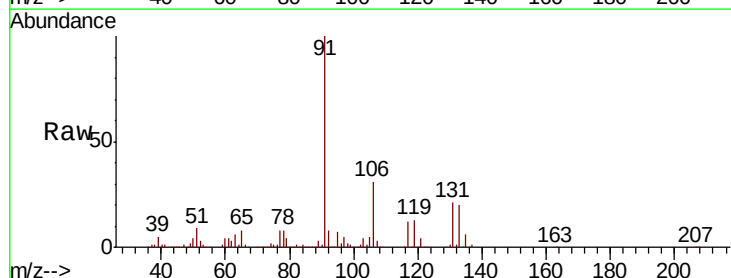
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

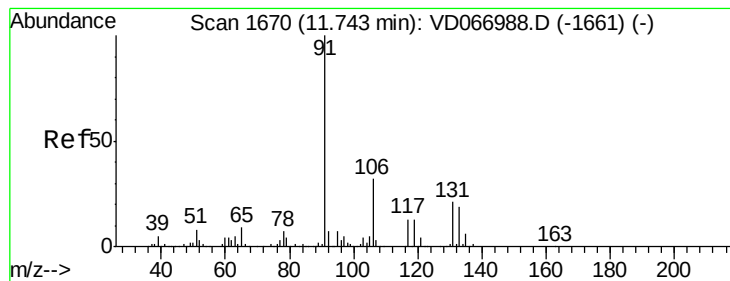
Tot Ion:112 Resp: 606989
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.320 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Tgt Ion:131 Resp: 238635
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.3
119 63.8 32.3 96.8





#67

Ethyl Benzene

Concen: 51.951 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

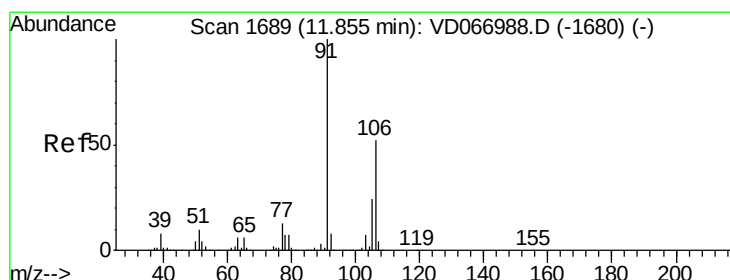
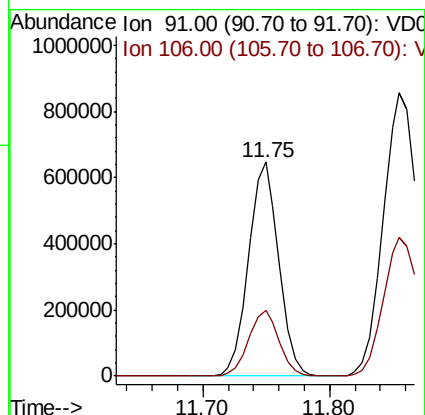
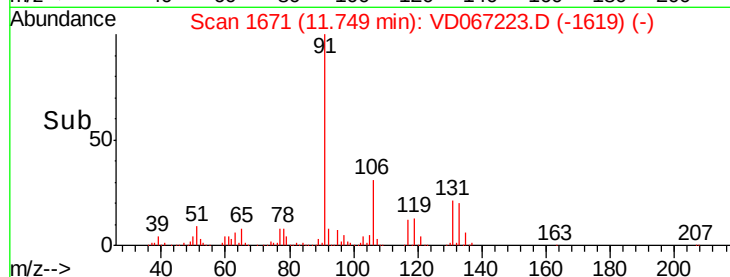
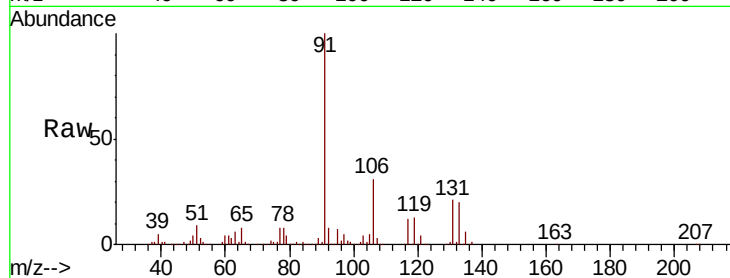
VSTDCCC050EC

Tot Ion: 91 Resp: 1067325

Ion Ratio Lower Upper

91 100

106 30.8 25.4 38.2



#68

m/p-Xylenes

Concen: 101.170 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067223.D

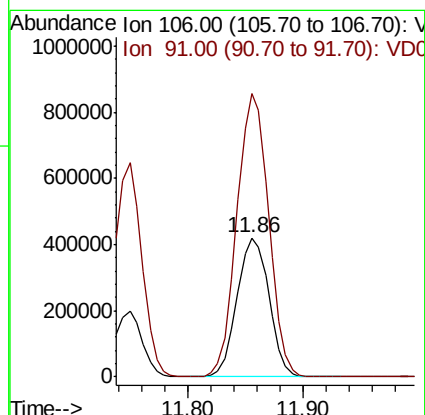
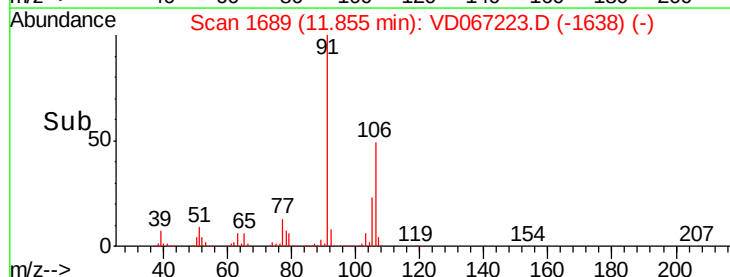
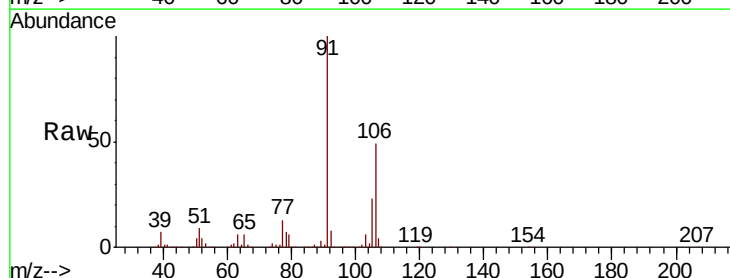
Acq: 09 Oct 2020 20:29

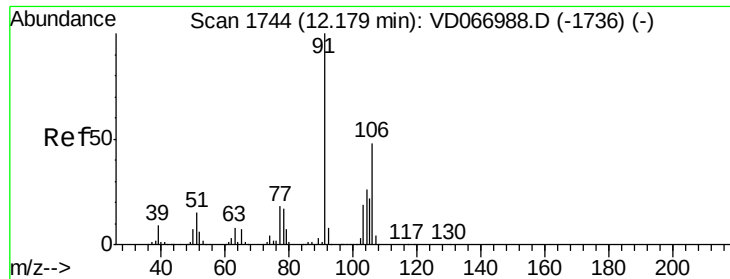
Tgt Ion: 106 Resp: 810035

Ion Ratio Lower Upper

106 100

91 202.0 158.4 237.6

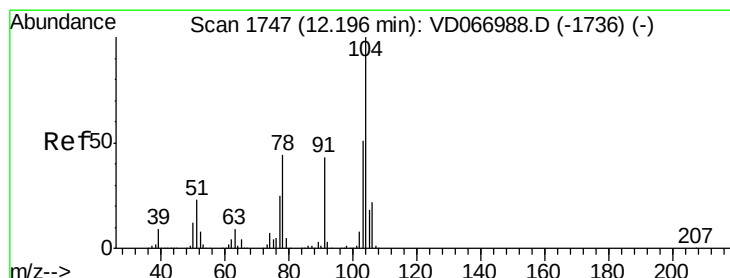
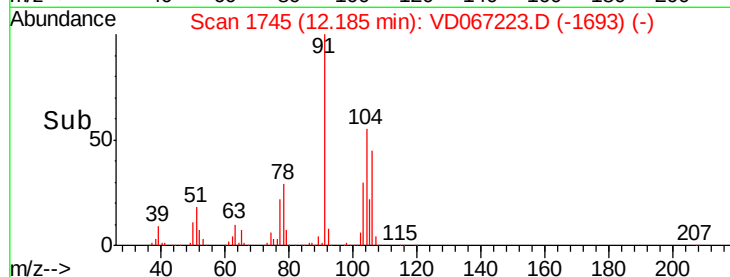
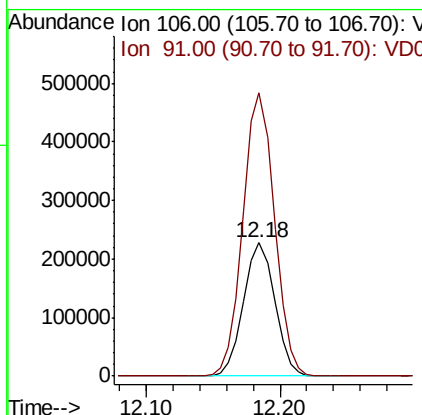
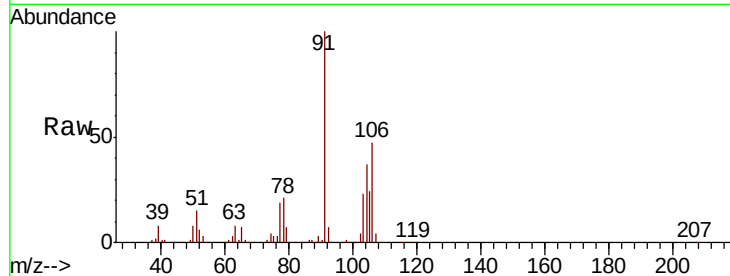




#69
o-Xylene
Concen: 51.828 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

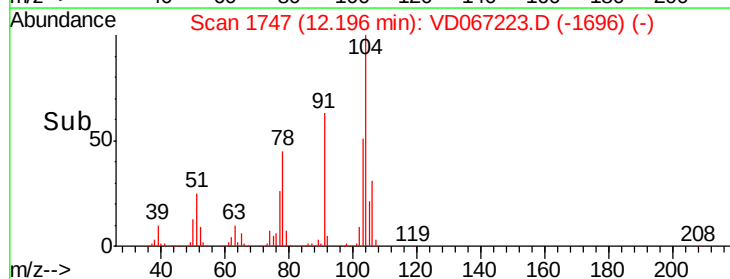
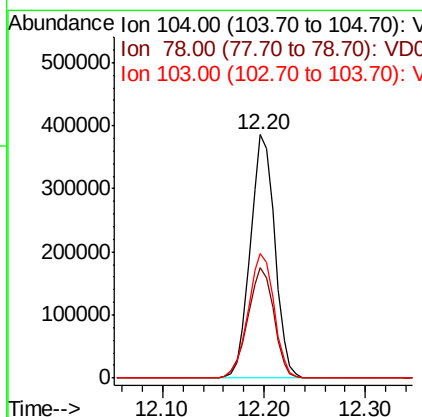
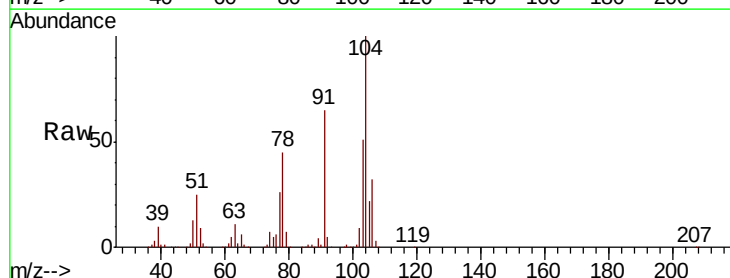
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

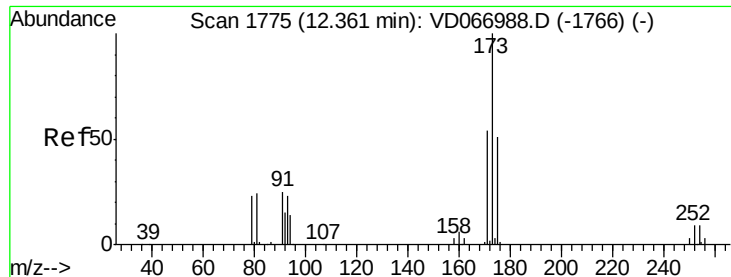
Tot Ion:106 Resp: 371087
Ion Ratio Lower Upper
106 100
91 212.9 102.4 307.2



#70
Styrene
Concen: 52.780 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Tgt Ion:104 Resp: 648914
Ion Ratio Lower Upper
104 100
78 48.4 38.6 58.0
103 54.5 43.4 65.0





#71

Bromoform

Concen: 51.975 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

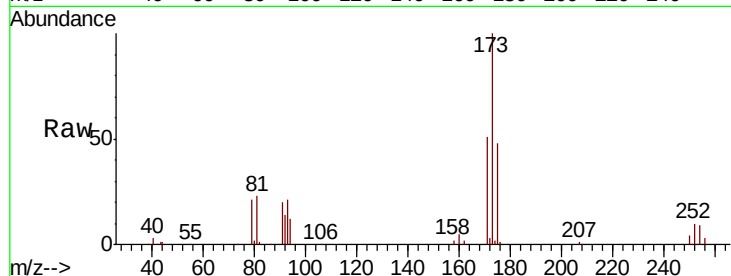
Tot Ion:173 Resp: 123056

Ion Ratio Lower Upper

173 100

175 48.1 24.9 74.7

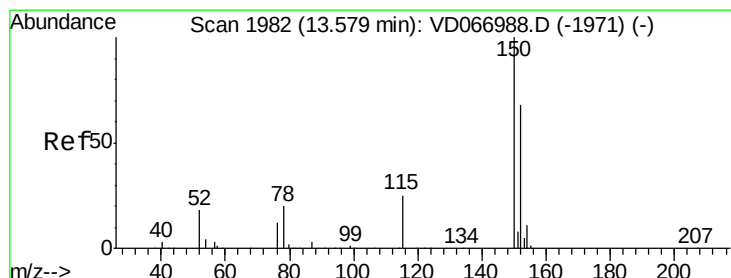
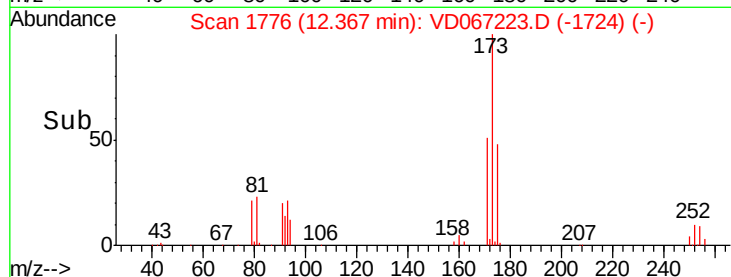
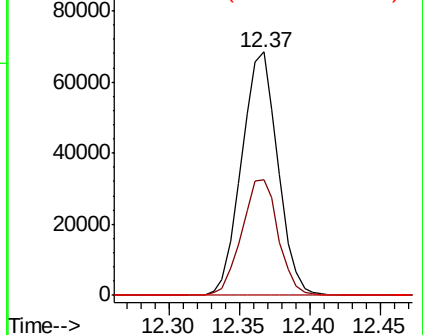
254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

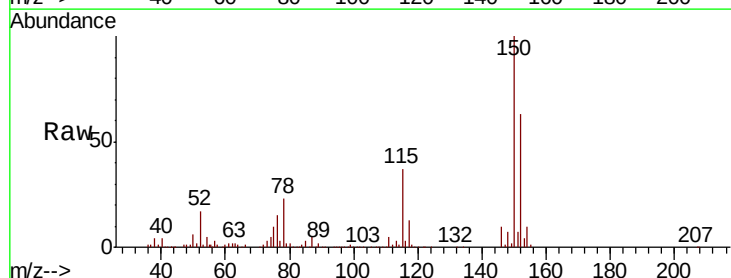
Tgt Ion:152 Resp: 291235

Ion Ratio Lower Upper

152 100

115 58.6 29.6 88.8

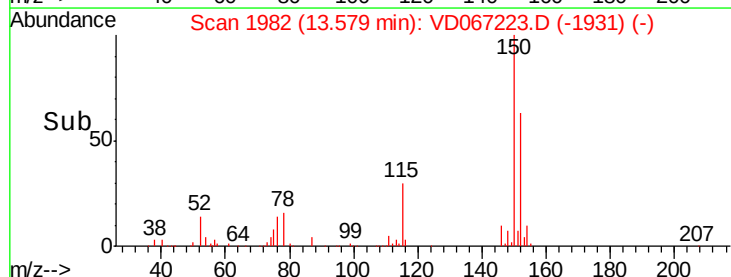
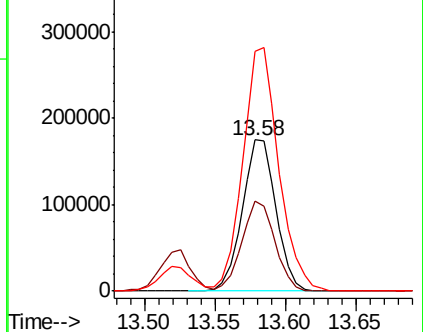
150 172.1 0.0 344.8

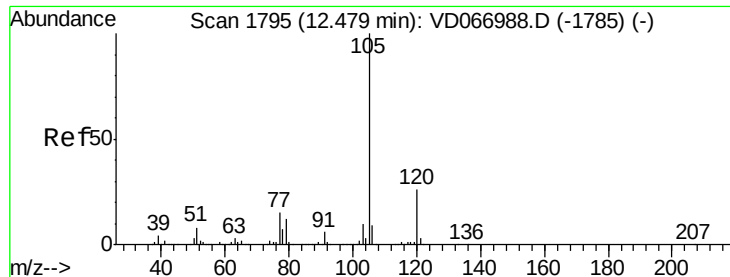


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.759 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

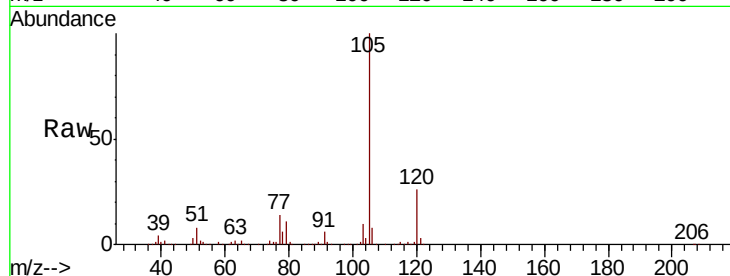
VSTDCCC050EC

Tot Ion:105 Resp: 1023551

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

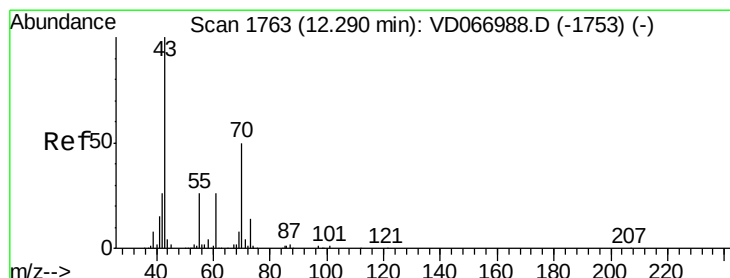
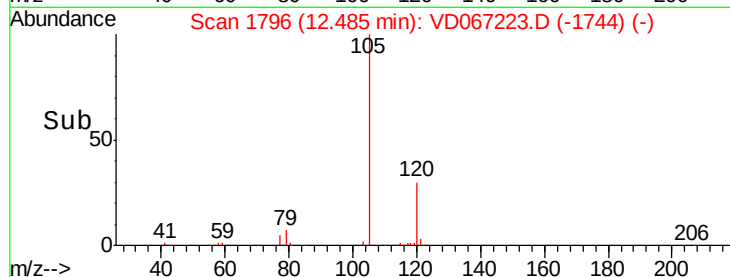
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 46.718 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Tgt Ion: 43 Resp: 166078

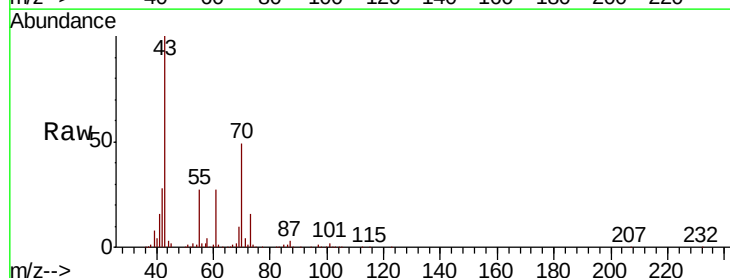
Ion Ratio Lower Upper

43 100

70 50.4 38.2 57.2

55 28.5 22.4 33.6

61 26.7 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

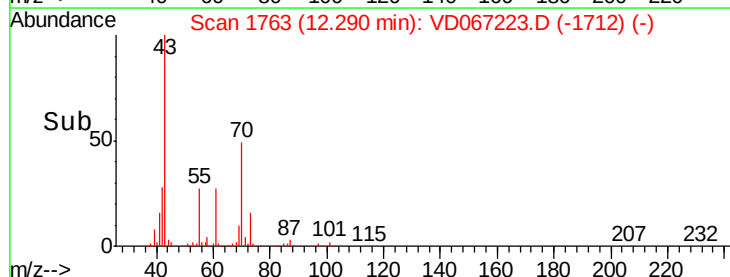
150000

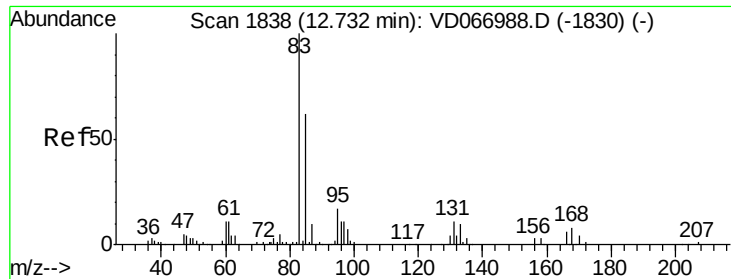
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.331 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

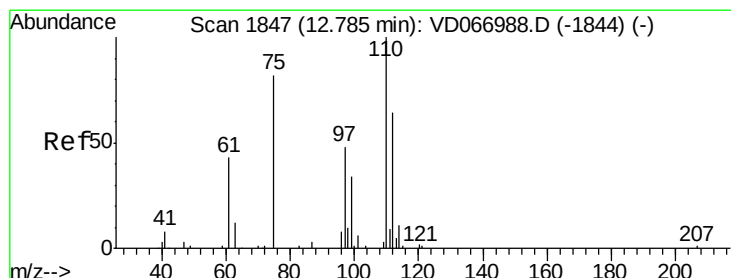
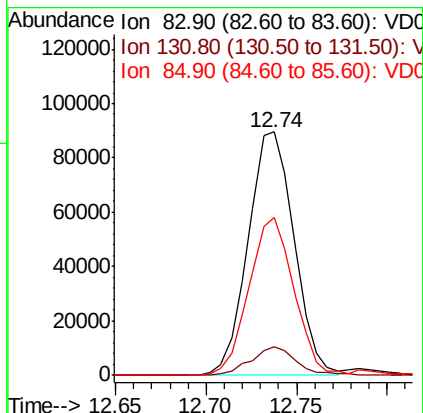
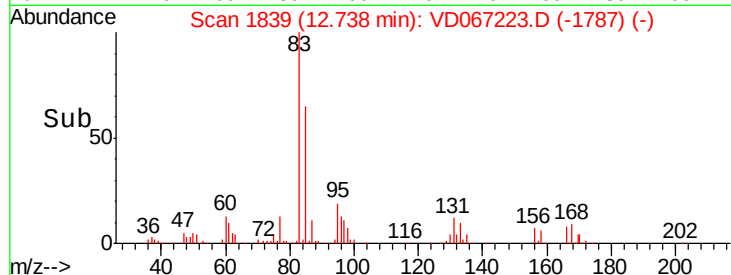
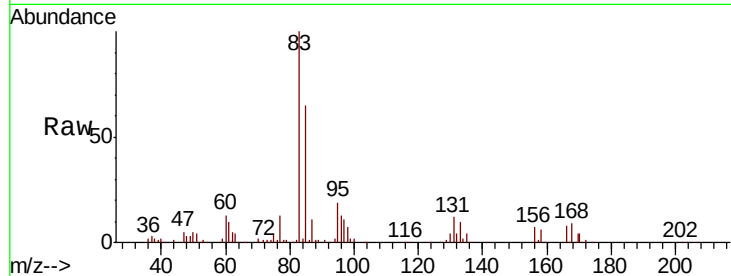
Tot Ion: 83 Resp: 157701

Ion Ratio Lower Upper

83 100

131 11.7 5.7 17.0

85 63.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 81.319 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD067223.D

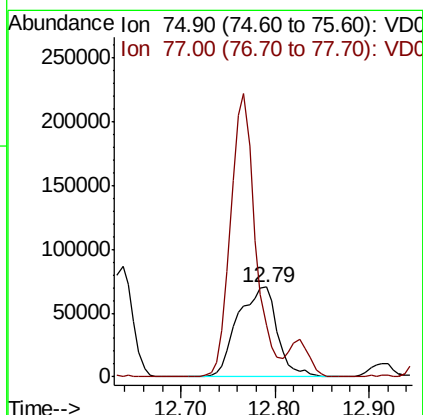
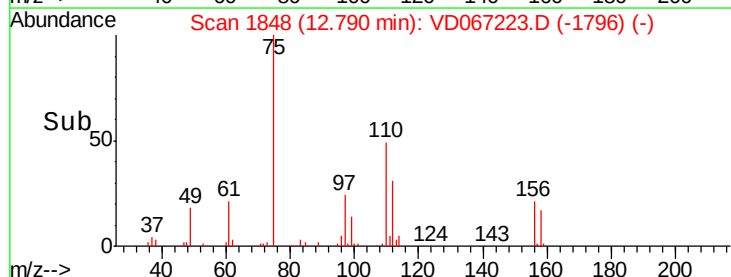
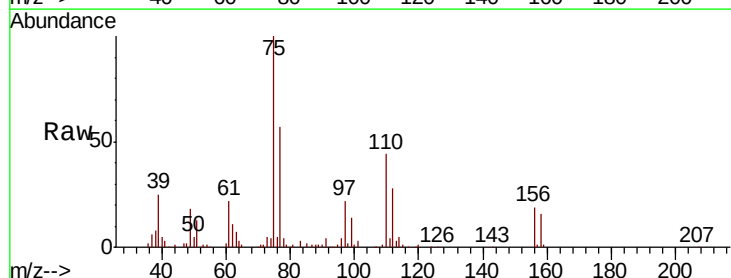
Acq: 09 Oct 2020 20:29

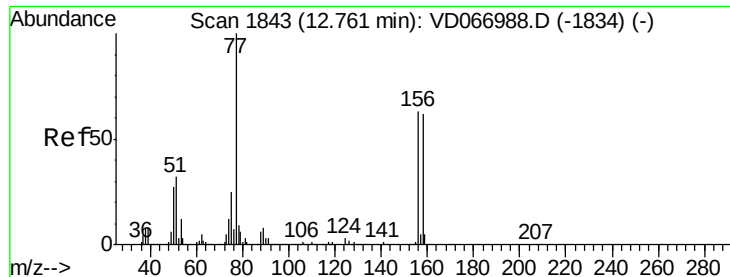
Tgt Ion: 75 Resp: 206286

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.278 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

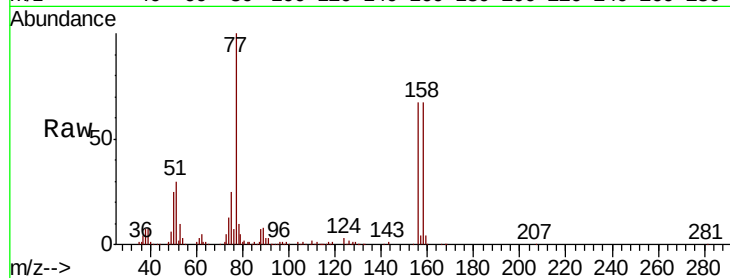
Tot Ion:156 Resp: 249626

Ion Ratio Lower Upper

156 100

77 163.9 86.3 258.8

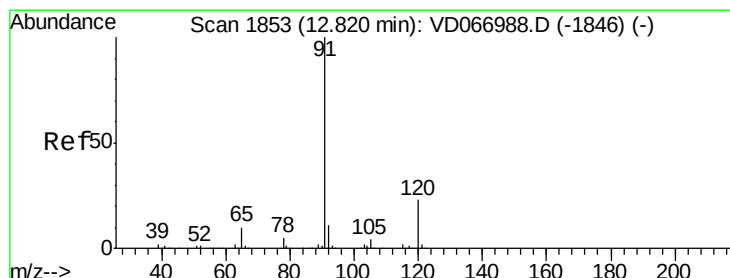
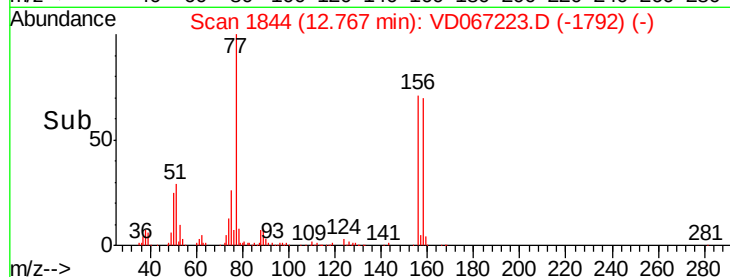
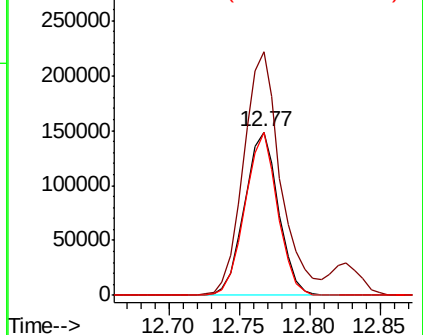
158 95.9 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.300 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD067223.D

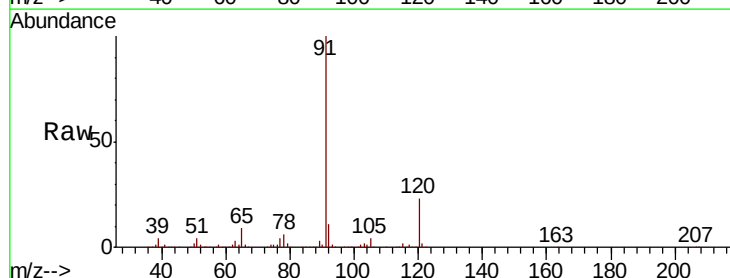
Acq: 09 Oct 2020 20:29

Tgt Ion: 91 Resp: 1175556

Ion Ratio Lower Upper

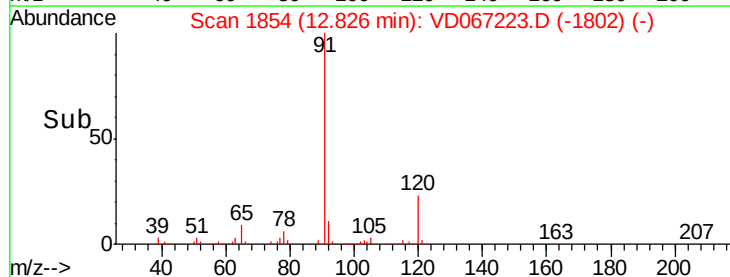
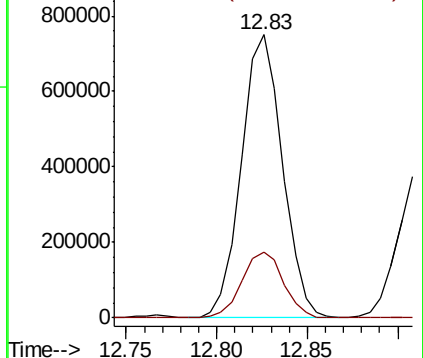
91 100

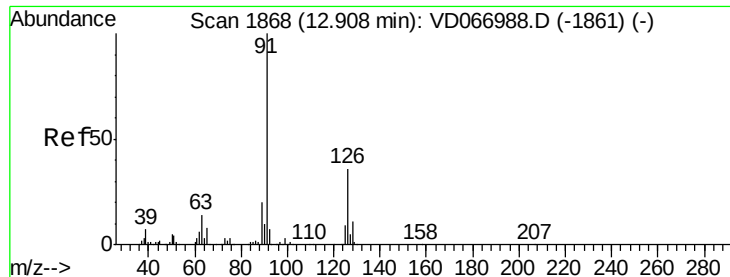
120 23.8 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.809 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

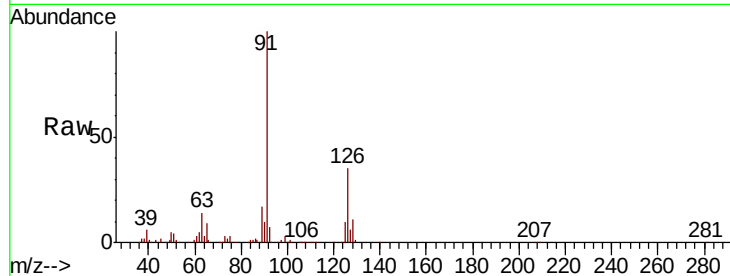
VSTDCCC050EC

Tot Ion: 91 Resp: 679397

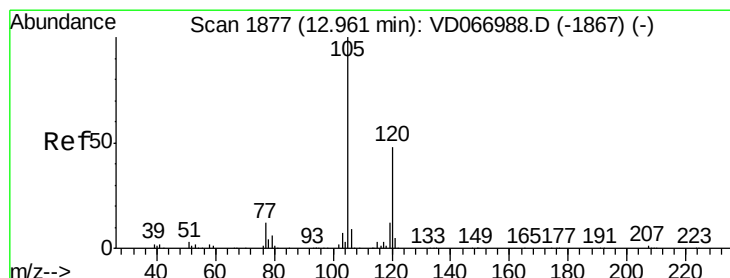
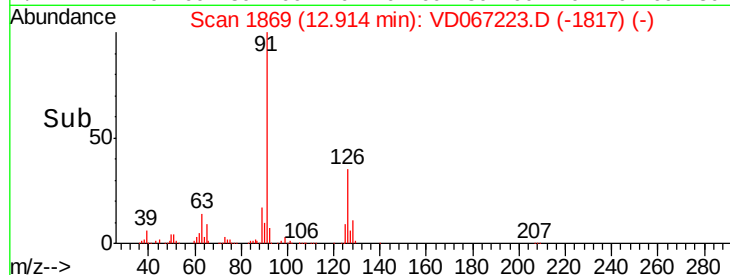
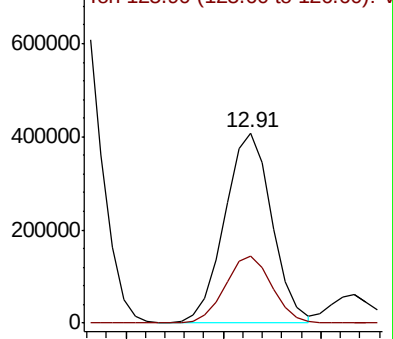
Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066988.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.234 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD067223.D

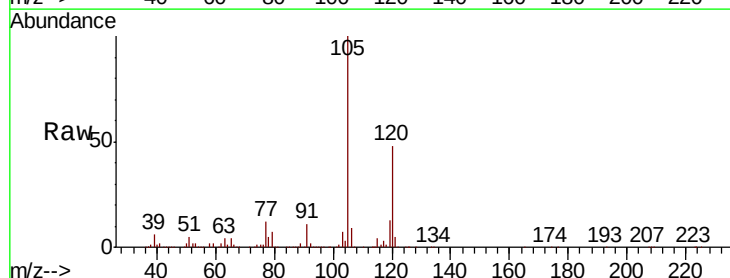
Acq: 09 Oct 2020 20:29

Tgt Ion: 105 Resp: 872707

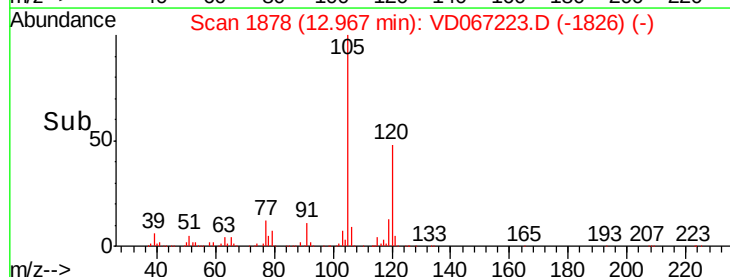
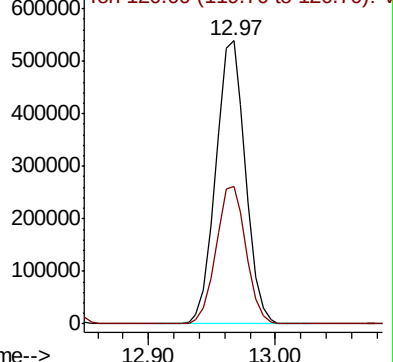
Ion Ratio Lower Upper

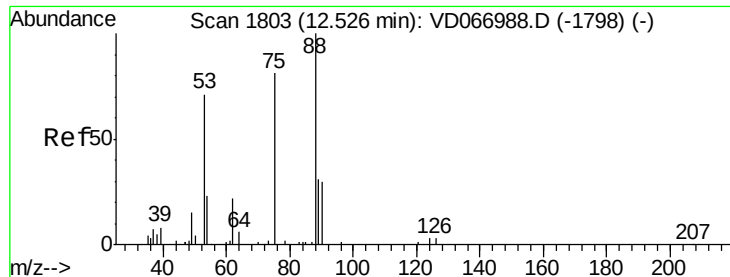
105 100

120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VD066988.D (-1867) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.889 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

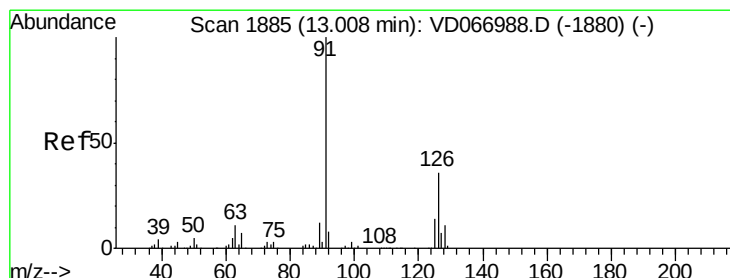
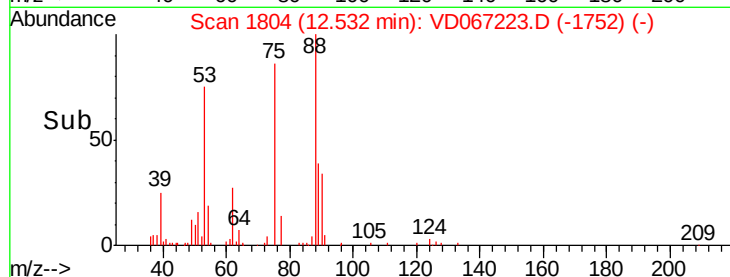
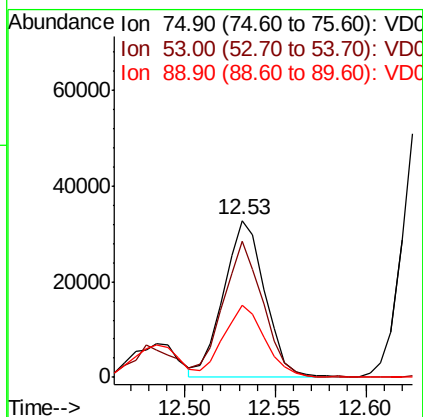
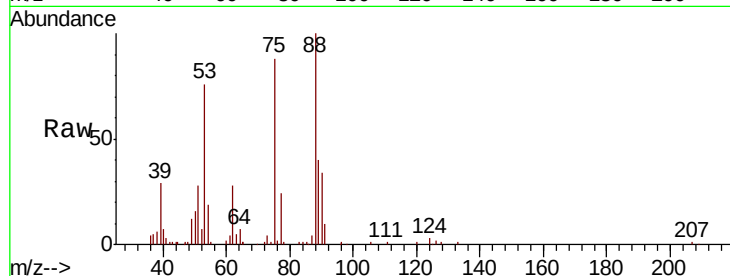
Tot Ion: 75 Resp: 51780

Ion Ratio Lower Upper

75 100

53 83.9 73.8 110.6

89 45.7 38.9 58.3



#82

4-Chlorotoluene

Concen: 50.210 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067223.D

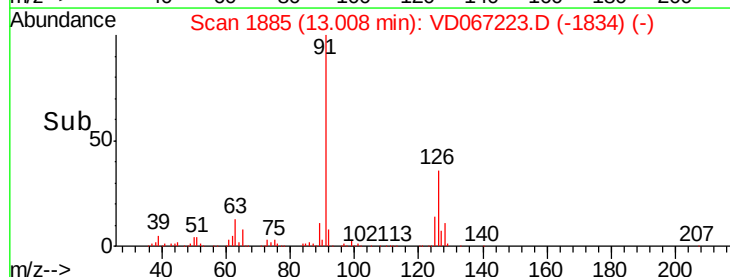
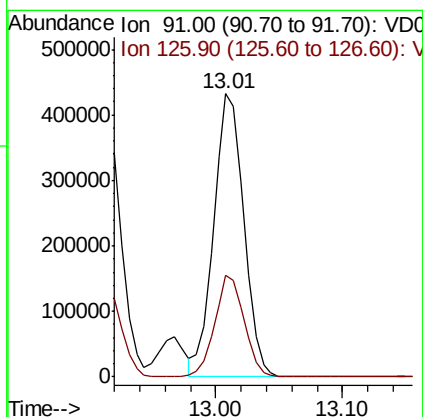
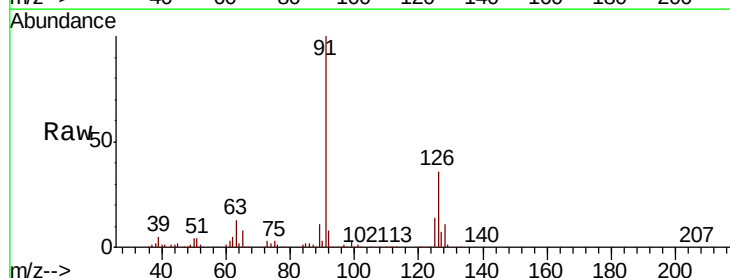
Acq: 09 Oct 2020 20:29

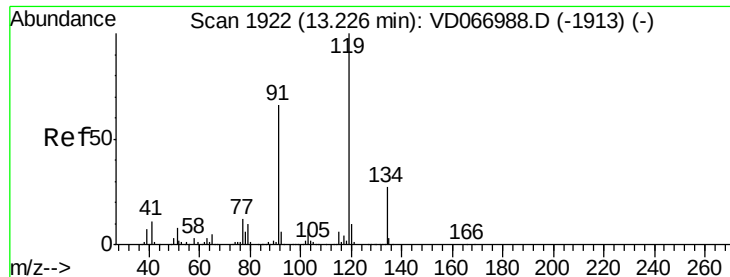
Tgt Ion: 91 Resp: 714328

Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5

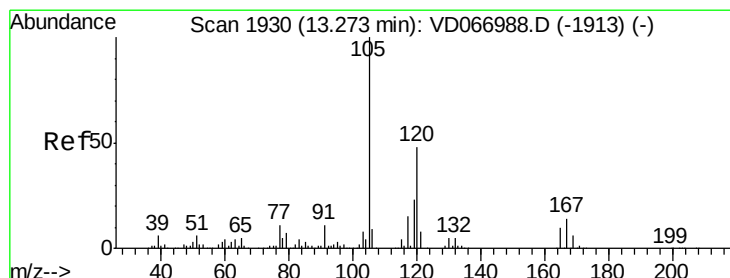
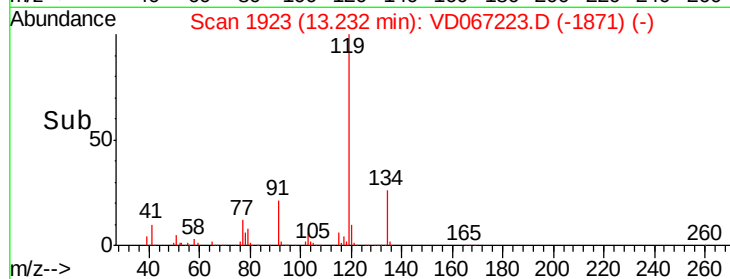
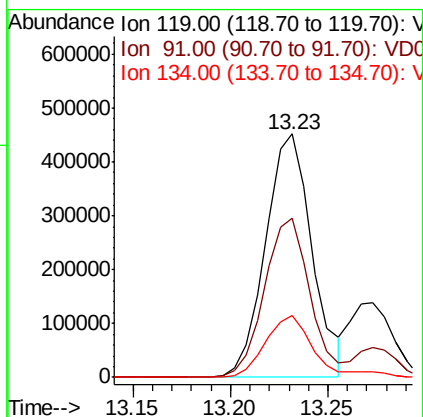
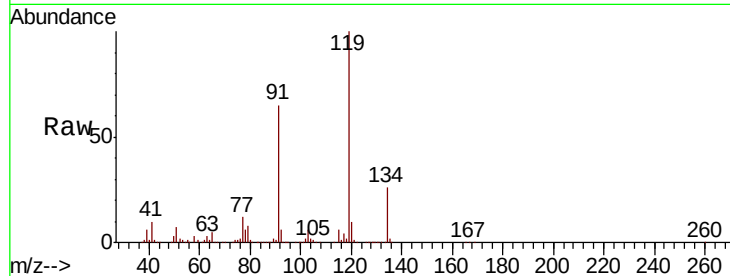




#83
tert-Butylbenzene
Concen: 53.109 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

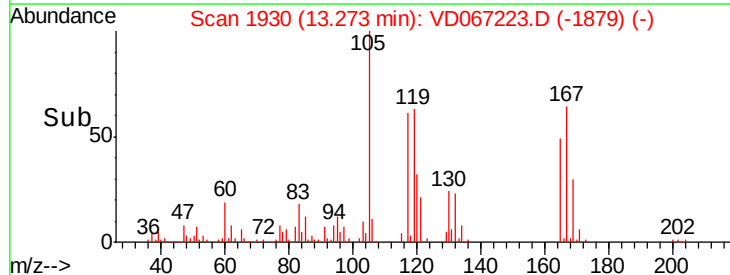
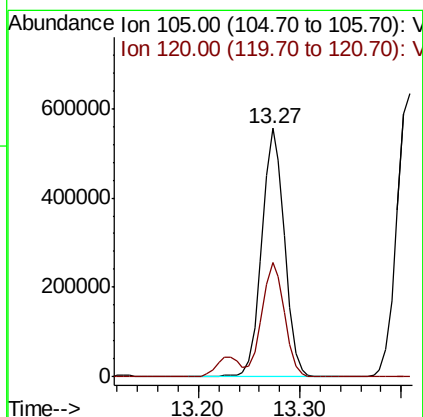
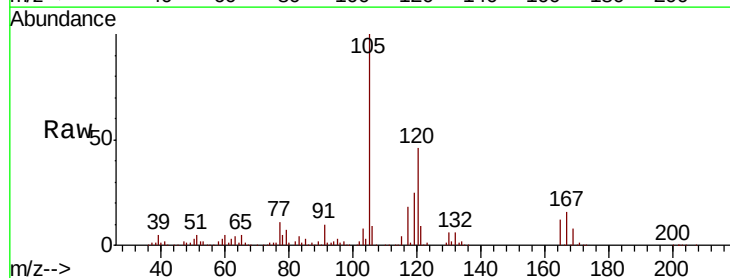
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

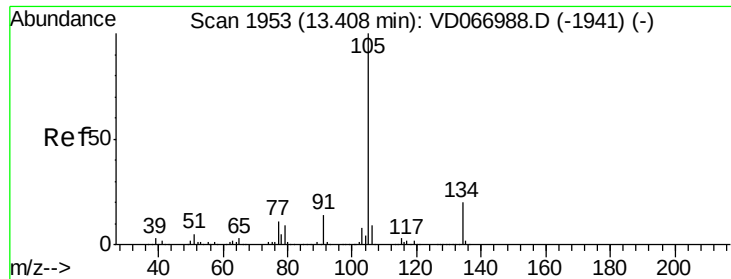
Tot Ion:119 Resp: 747222
Ion Ratio Lower Upper
119 100
91 63.6 32.8 98.3
134 27.0 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 52.183 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Tgt Ion:105 Resp: 870092
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.8





#85

sec-Butylbenzene

Concen: 50.728 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

Instrument :

MSVOA_D

ClientSampleId :

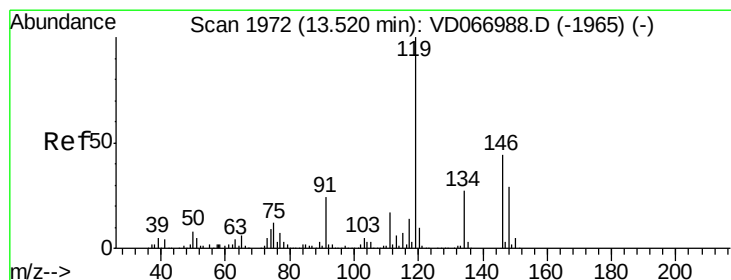
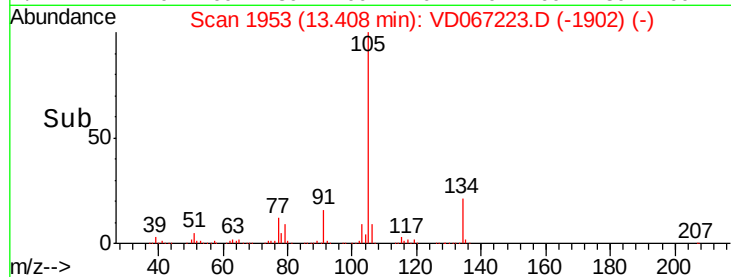
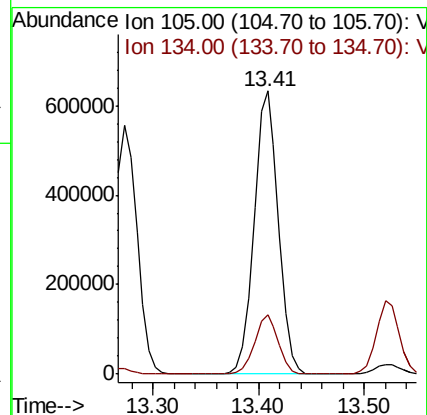
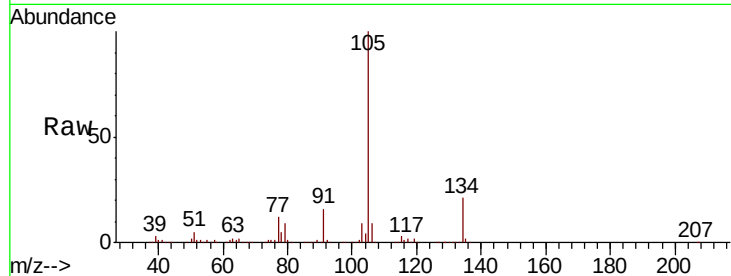
VSTDCCC050EC

Tot Ion:105 Resp: 1005097

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



#86

p-Isopropyltoluene

Concen: 51.001 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067223.D

Acq: 09 Oct 2020 20:29

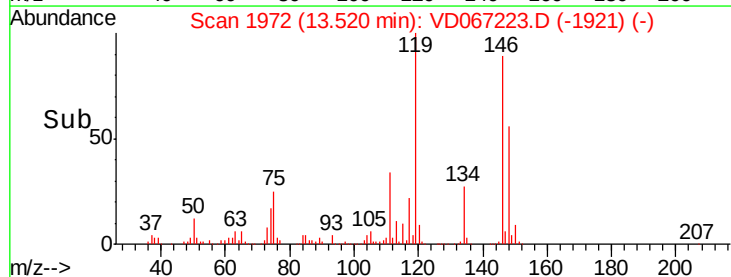
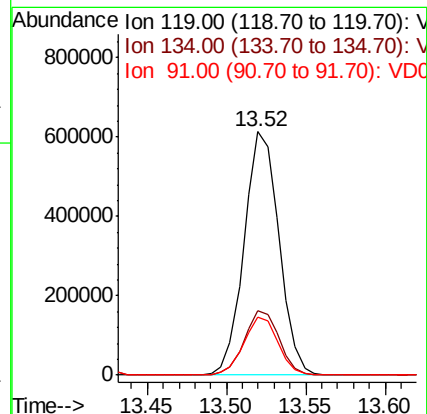
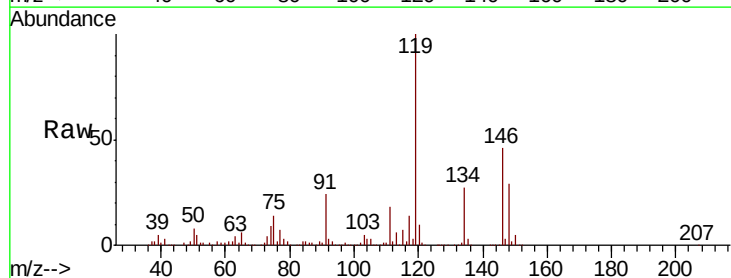
Tgt Ion:119 Resp: 936846

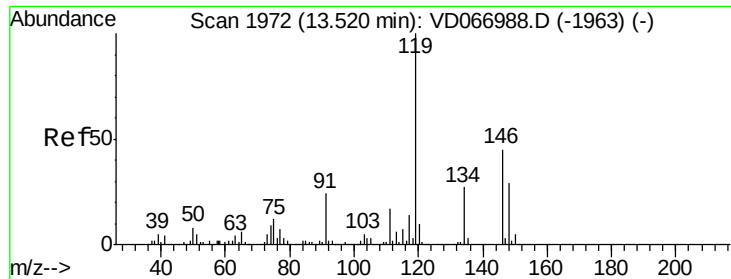
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.6 11.7 35.1

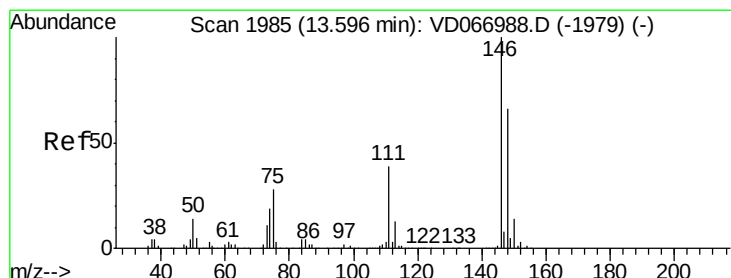
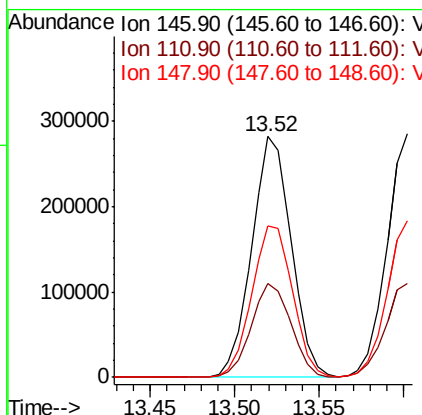
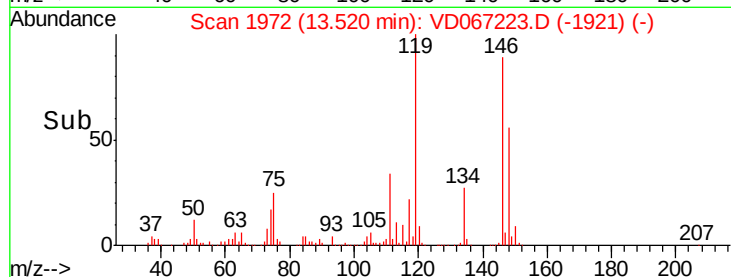
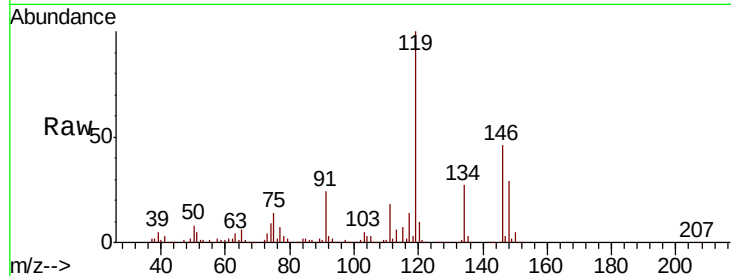




#87
 1,3-Dichlorobenzene
 Concen: 49.446 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

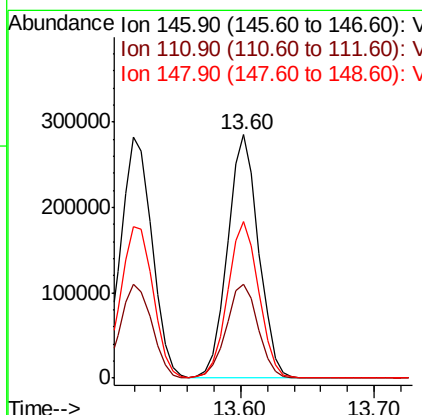
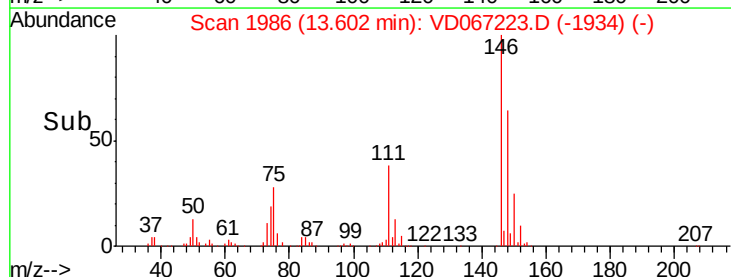
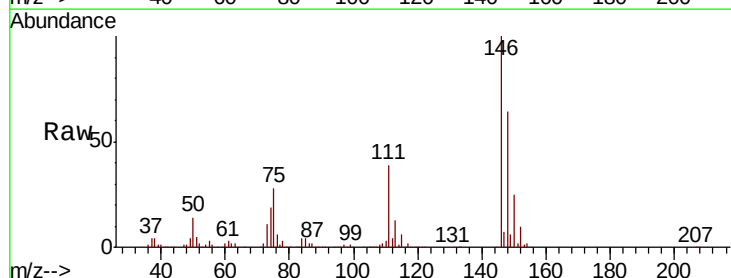
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

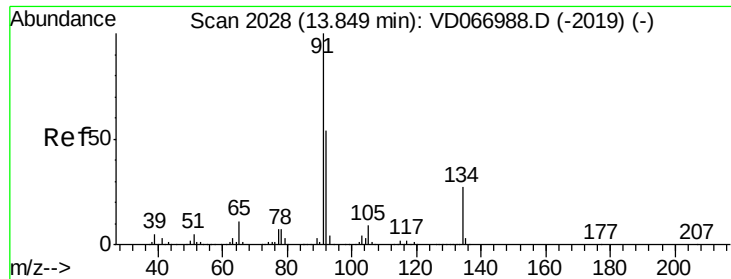
Tot Ion:146 Resp: 459891
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.0 60.0
 148 64.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.640 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

Tgt Ion:146 Resp: 461647
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.7
 148 64.5 32.6 97.7

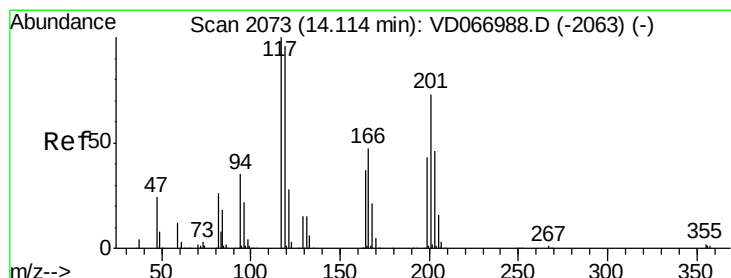
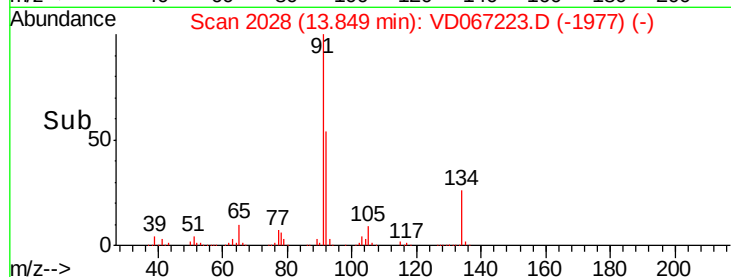
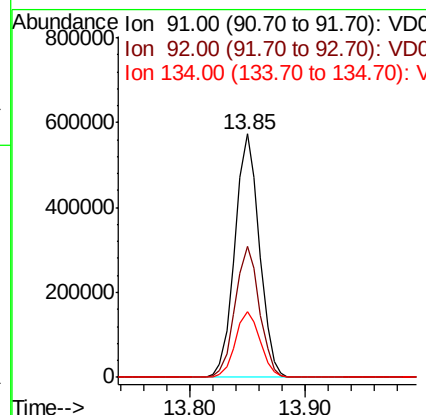
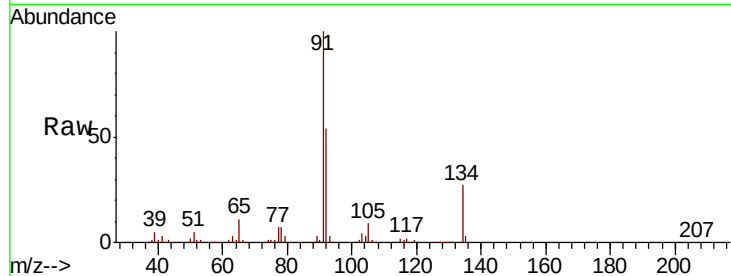




#89
n-Butylbenzene
Concen: 50.166 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

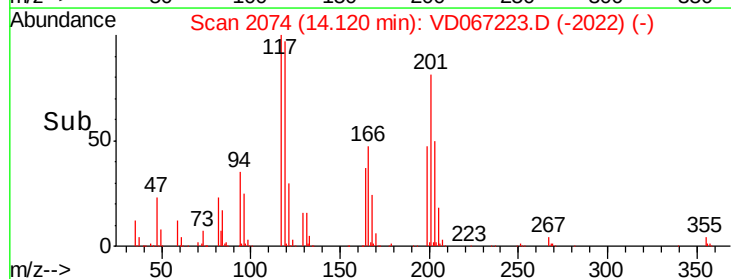
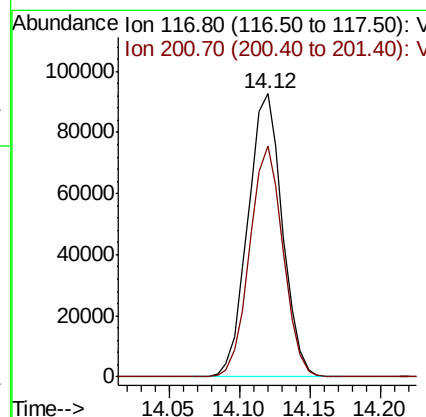
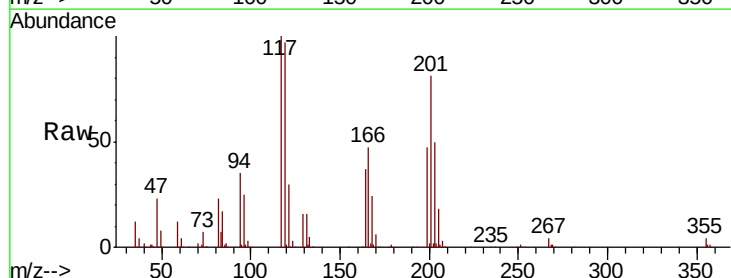
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

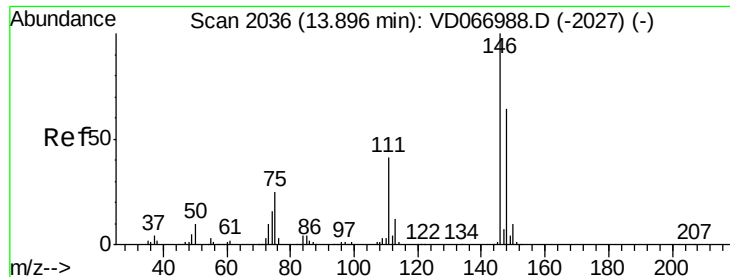
Tot Ion: 91 Resp: 842178
Ion Ratio Lower Upper
91 100
92 53.5 27.1 81.2
134 27.3 13.6 40.8



#90
Hexachloroethane
Concen: 49.403 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Tgt Ion: 117 Resp: 158964
Ion Ratio Lower Upper
117 100
201 78.9 37.0 110.9

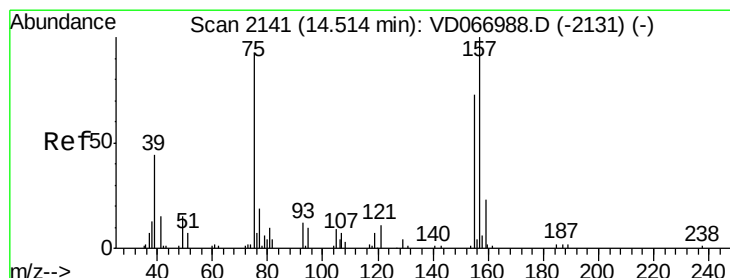
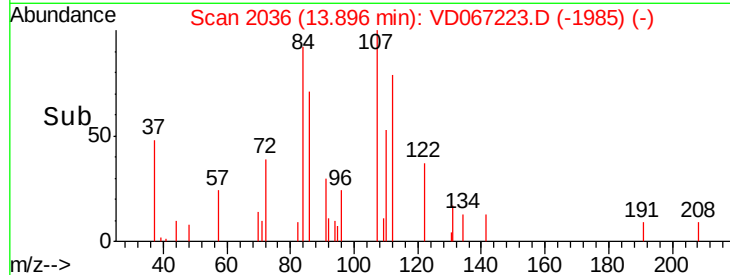
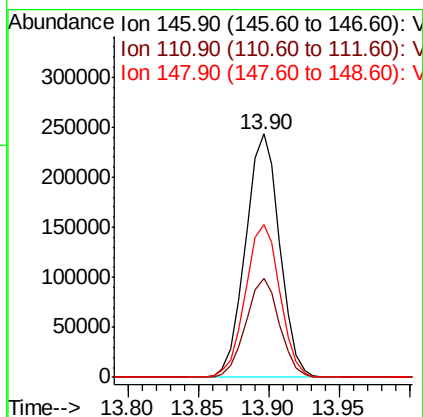
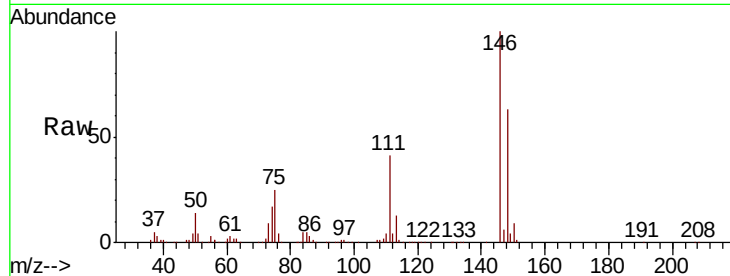




#91
 1,2-Dichlorobenzene
 Concen: 50.766 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

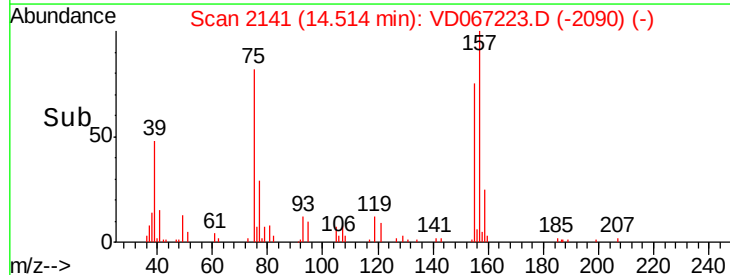
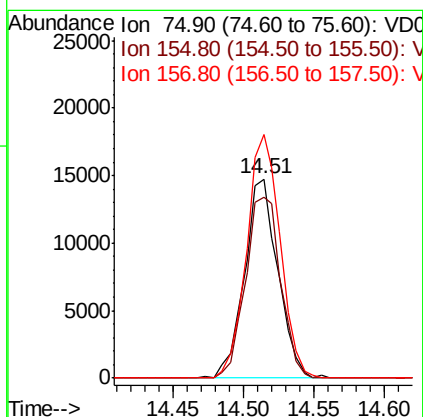
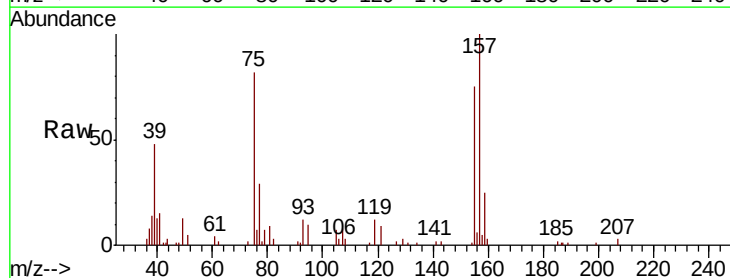
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

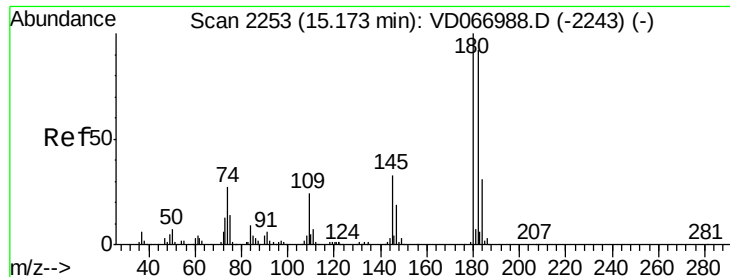
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.9	62.7
148	63.5	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.641 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	45.2	135.6
157	122.5	56.3	168.8

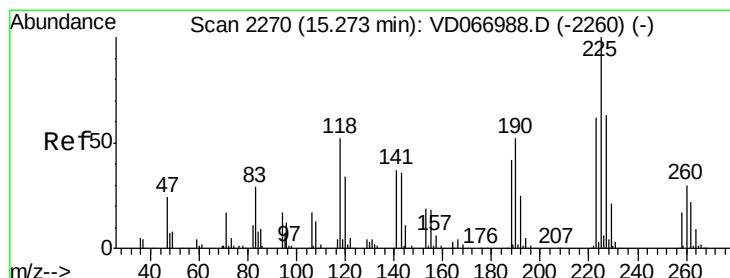
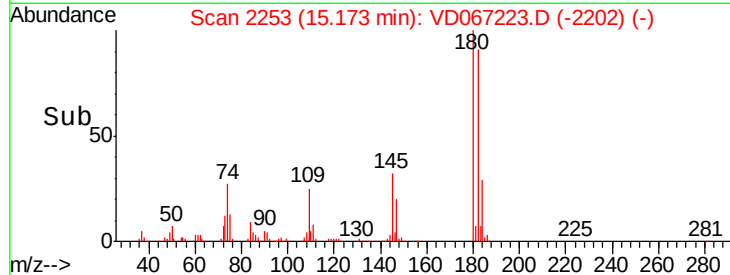
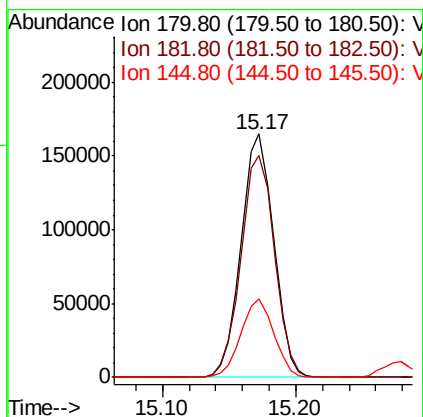
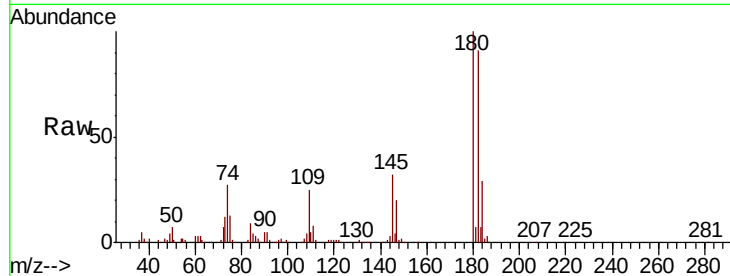




#93
 1,2,4-Trichlorobenzene
 Concen: 53.047 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

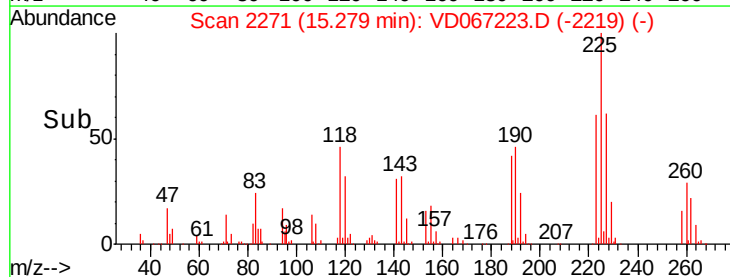
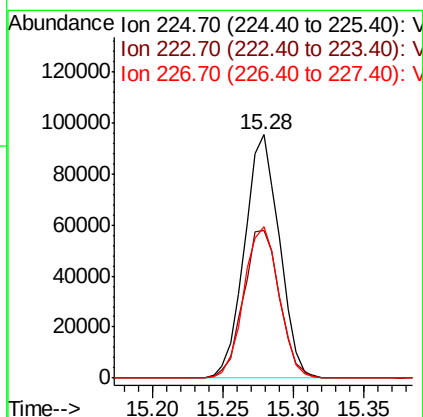
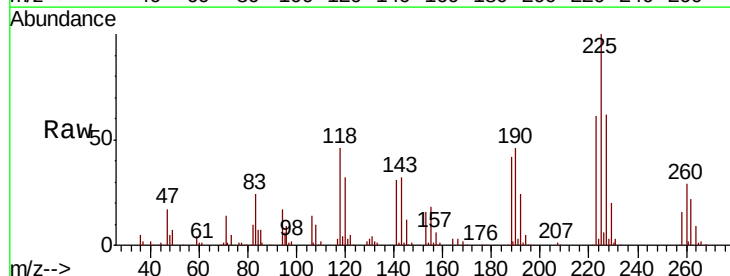
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

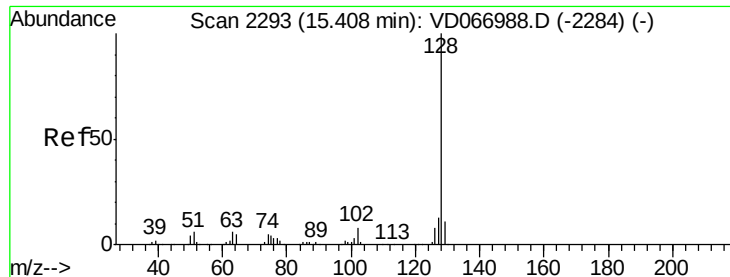
Tot Ion:180 Resp: 278715
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.3 142.0
 145 32.5 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 51.151 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067223.D
 Acq: 09 Oct 2020 20:29

Tgt Ion:225 Resp: 165051
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.4 97.0
 227 62.7 31.6 95.0

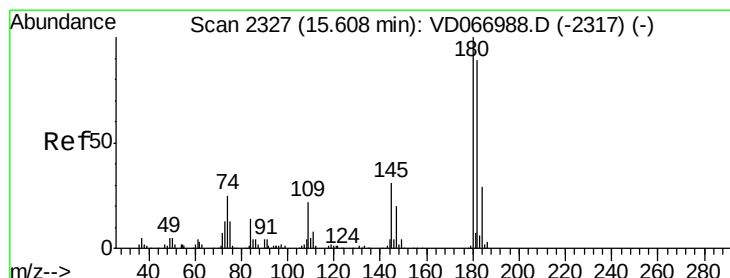
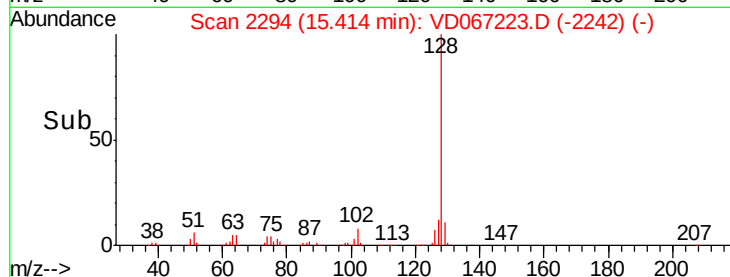
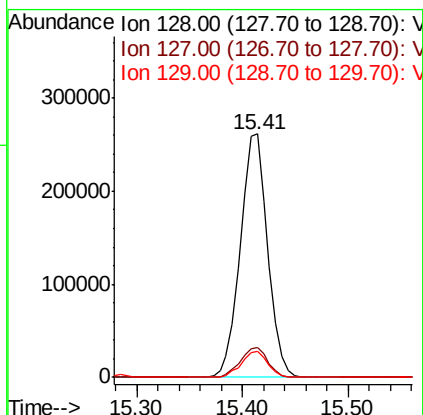
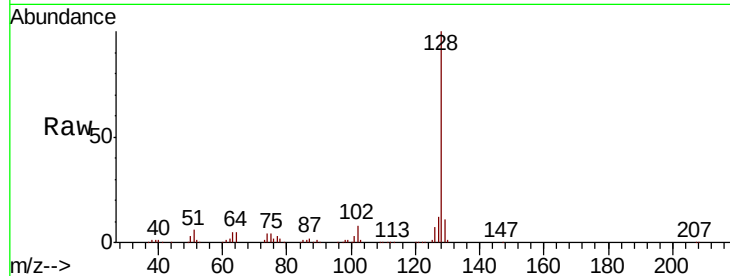




#95
Naphthalene
Concen: 53.211 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 466321
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.794 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067223.D
Acq: 09 Oct 2020 20:29

Tgt Ion:180 Resp: 236233
Ion Ratio Lower Upper
180 100
182 95.3 46.4 139.1
145 34.6 16.6 49.7

