

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\
 Data File : VD067714.D
 Acq On : 19 Nov 2020 17:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 20 00:31:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	254333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	371369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	347343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	177323	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	106636	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.92	113	105334	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.34	98	361638	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	12.64	95	133271	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	93409	44.909	ug/l	98
3) Chloromethane	2.21	50	57333	36.200	ug/l	95
4) Vinyl Chloride	2.35	62	69453	39.333	ug/l	98
5) Bromomethane	2.77	94	61600	43.041	ug/l	99
6) Chloroethane	2.92	64	48206	44.281	ug/l	97
7) Trichlorofluoromethane	3.28	101	219624	48.036	ug/l	96
8) Diethyl Ether	3.71	74	44854	48.688	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	109210	47.321	ug/l	97
10) Methyl Iodide	4.31	142	109368	44.216	ug/l	95
11) Tert butyl alcohol	5.21	59	32259	344.223	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	96768	45.585	ug/l	96
13) Acrolein	3.93	56	20514	212.610	ug/l	98
14) Allyl chloride	4.72	41	100034	44.031	ug/l	92
15) Acrylonitrile	5.42	53	85659	251.534	ug/l	98
16) Acetone	4.16	43	84353	253.473	ug/l	95
17) Carbon Disulfide	4.41	76	265531	40.821	ug/l	98
18) Methyl Acetate	4.71	43	34982	50.869	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	230584	55.069	ug/l	97
20) Methylene Chloride	4.97	84	116149	49.409	ug/l #	94
21) trans-1,2-Dichloroethene	5.47	96	113064	45.729	ug/l	95
22) Diisopropyl ether	6.37	45	215178	48.602	ug/l #	92
23) Vinyl Acetate	6.30	43	599860	258.840	ug/l	96
24) 1,1-Dichloroethane	6.27	63	172064	47.506	ug/l	98
25) 2-Butanone	7.21	43	91846	258.289	ug/l	96
26) 2,2-Dichloropropane	7.21	77	189768	49.644	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	129979	50.648	ug/l	99
28) Bromochloromethane	7.54	49	60716	47.127	ug/l	87
29) Tetrahydrofuran	7.56	42	53921	253.148	ug/l	92
30) Chloroform	7.71	83	217948	50.439	ug/l	97
31) Cyclohexane	7.99	56	132448	41.064	ug/l #	90
32) 1,1,1-Trichloroethane	7.91	97	223606	50.155	ug/l	99
36) 1,1-Dichloropropene	8.12	75	153430	48.266	ug/l	100
37) Ethyl Acetate	7.29	43	41188	49.907	ug/l	97
38) Carbon Tetrachloride	8.10	117	212800	51.523	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	182421	48.757	ug/l	97
40) Benzene	8.36	78	426482	49.529	ug/l	99
41) Methacrylonitrile	7.52	41	25088	50.856	ug/l	94
42) 1,2-Dichloroethane	8.43	62	142298	53.486	ug/l	98
43) Isopropyl Acetate	8.45	43	86100	52.752	ug/l	99
44) Trichloroethene	9.11	130	139847	49.393	ug/l	94
45) 1,2-Dichloropropane	9.39	63	91355	49.071	ug/l	99
46) Dibromomethane	9.48	93	61164	51.671	ug/l	98
47) Bromodichloromethane	9.67	83	173662	53.976	ug/l	99
48) Methyl methacrylate	9.46	41	42084	49.938	ug/l	87
49) 1,4-Dioxane	9.47	88	14495	1206.224	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	210396	269.535	ug/l	99
52) Toluene	10.41	92	295961	51.315	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	145189	52.690	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	167221	51.077	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	82516	52.685	ug/l	97
56) Ethyl methacrylate	10.67	69	88289	54.588	ug/l	98
57) 1,3-Dichloropropane	10.95	76	130198	51.659	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	193976	257.184	ug/l	99
59) 2-Hexanone	10.98	43	147428	270.119	ug/l	98
60) Dibromochloromethane	11.14	129	124478	53.727	ug/l	99
61) 1,2-Dibromoethane	11.25	107	79895	50.827	ug/l	97
64) Tetrachloroethene	10.88	164	124140	48.258	ug/l	96
65) Chlorobenzene	11.67	112	325695	48.678	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	137574	52.170	ug/l	97
67) Ethyl Benzene	11.75	91	576572	50.359	ug/l	99
68) m/p-Xylenes	11.86	106	453316	101.771	ug/l	100
69) o-Xylene	12.18	106	208752	52.492	ug/l	99
70) Styrene	12.20	104	361796	52.209	ug/l	98
71) Bromoform	12.36	173	70068	52.098	ug/l #	97
73) Isopropylbenzene	12.48	105	584811	51.030	ug/l	99
74) N-amyl acetate	12.29	43	75021	49.750	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	78673	50.344	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	110921	103.692	ug/l #	100
77) Bromobenzene	12.77	156	141350	50.223	ug/l	97
78) n-propylbenzene	12.83	91	652380	49.768	ug/l	99
79) 2-Chlorotoluene	12.91	91	374939	50.353	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	504871	51.571	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	24852	47.168	ug/l	94
82) 4-Chlorotoluene	13.01	91	401370	50.259	ug/l	99
83) tert-Butylbenzene	13.23	119	427267	51.497	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	507680	52.097	ug/l	99
85) sec-Butylbenzene	13.40	105	571016	50.982	ug/l	99
86) p-Isopropyltoluene	13.52	119	549021	50.760	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	271884	50.627	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	268547	49.385	ug/l	99
89) n-Butylbenzene	13.84	91	468426	50.140	ug/l	99
90) Hexachloroethane	14.11	117	102069	50.112	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	236191	50.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15712	56.787	ug/l	97

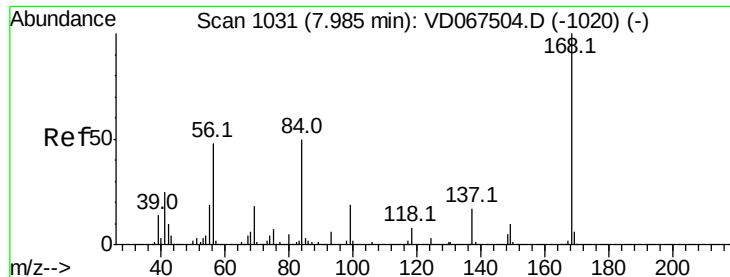
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	170375	54.008	ug/l	98
94) Hexachlorobutadiene	15.27	225	107471	50.903	ug/l	97
95) Naphthalene	15.40	128	279479	57.408	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	144775	53.593	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

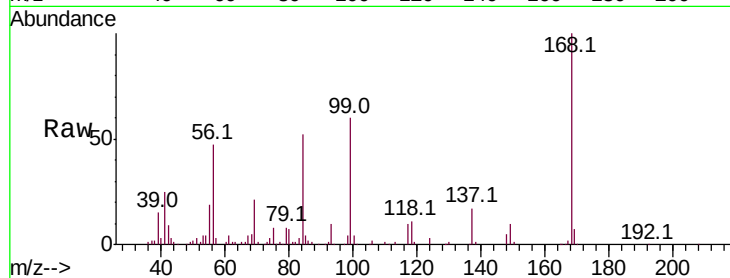
VSTDCCC050EC

Tot Ion:168 Resp: 254333

Ion Ratio Lower Upper

168 100

99 59.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

120000

100000

80000

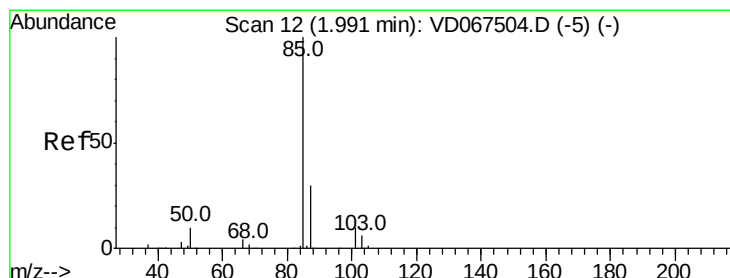
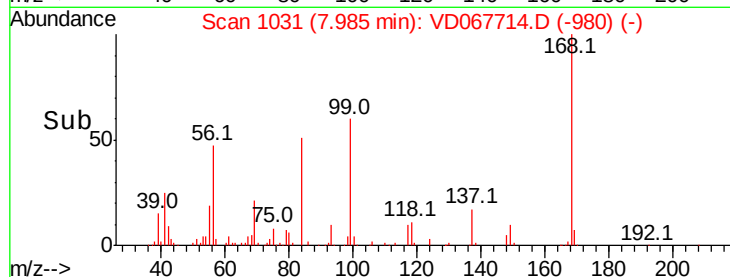
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.909 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067714.D

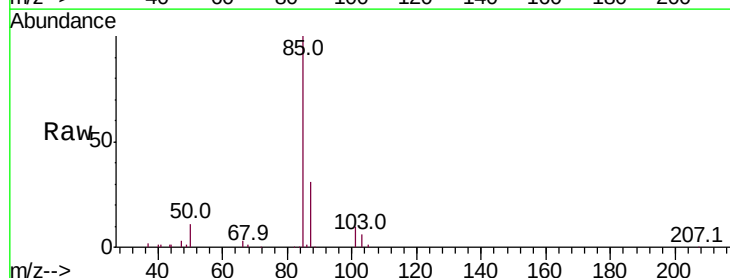
Acq: 19 Nov 2020 17:53

Tgt Ion: 85 Resp: 93409

Ion Ratio Lower Upper

85 100

87 31.3 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

80000

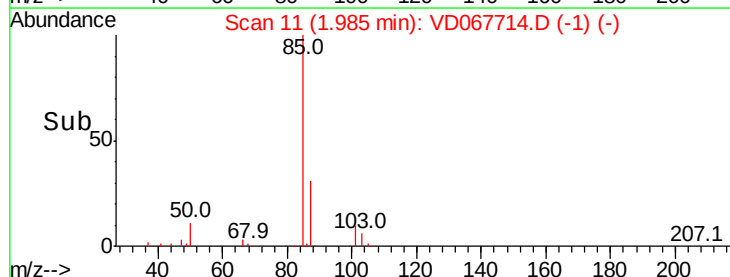
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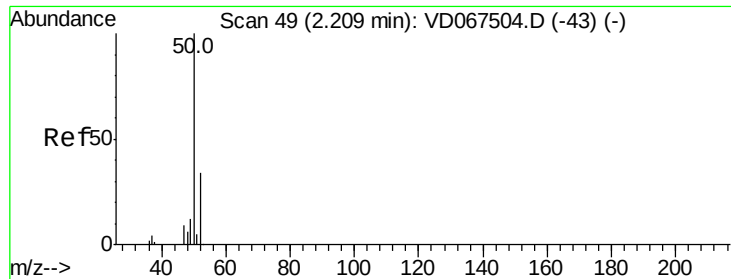
40000

20000

0

Time-->





#3

Chloromethane

Concen: 36.200 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

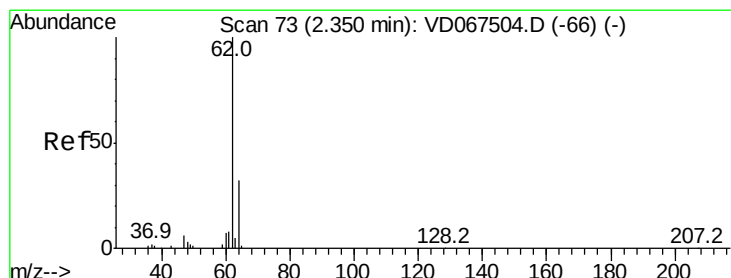
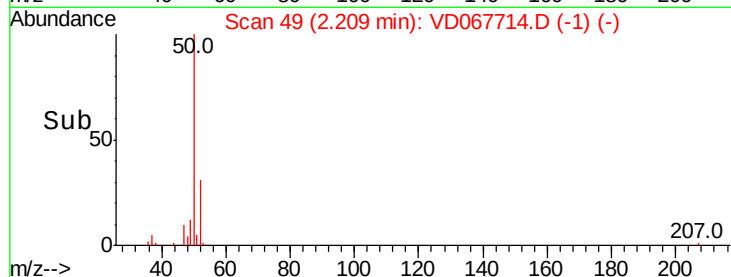
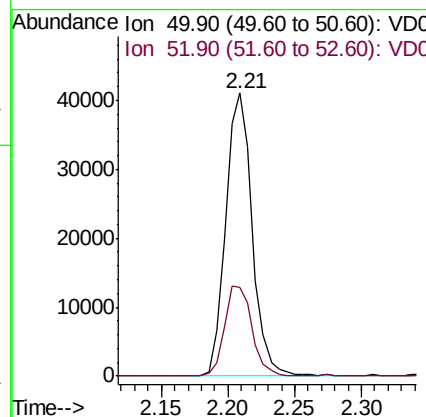
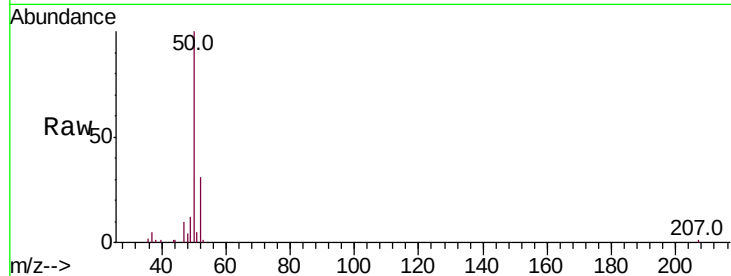
VSTDCCC050EC

Tot Ion: 50 Resp: 57333

Ion Ratio Lower Upper

50 100

52 31.3 27.3 40.9



#4

Vinyl Chloride

Concen: 39.333 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067714.D

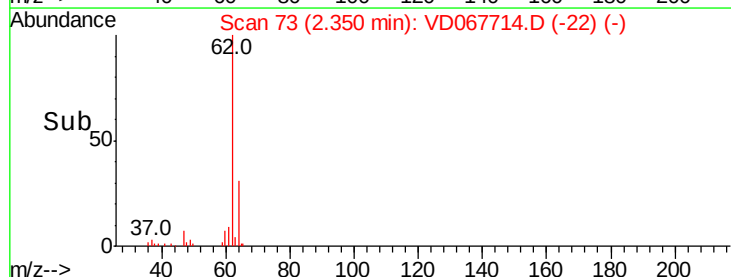
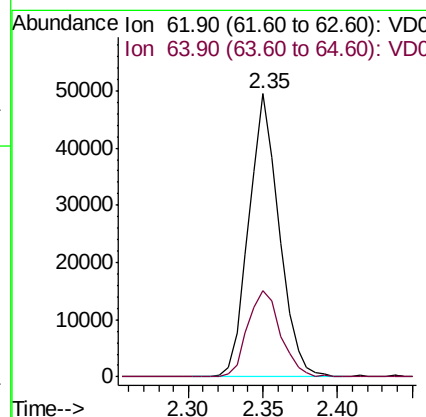
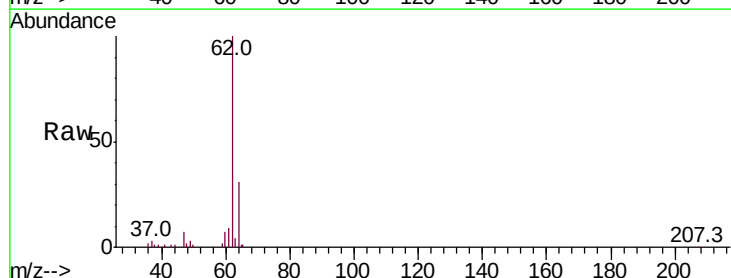
Acq: 19 Nov 2020 17:53

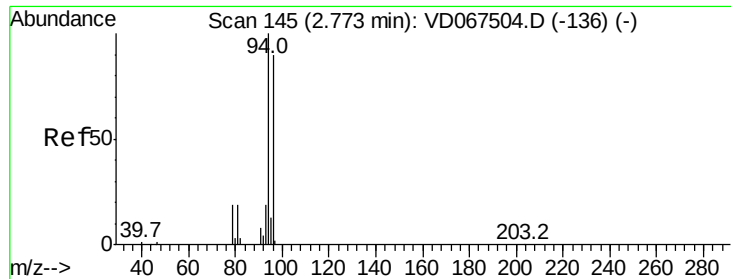
Tgt Ion: 62 Resp: 69453

Ion Ratio Lower Upper

62 100

64 30.6 25.6 38.4





#5

Bromomethane

Concen: 43.041 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

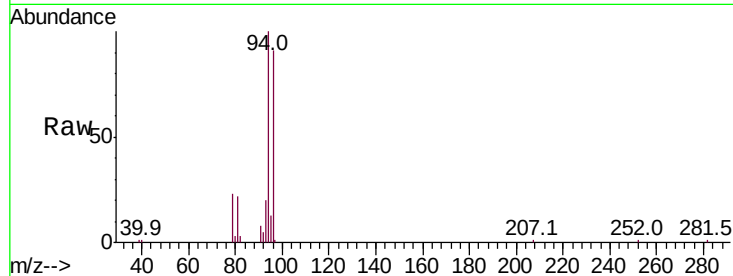
VSTDCCC050EC

Tot Ion: 94 Resp: 61600

Ion Ratio Lower Upper

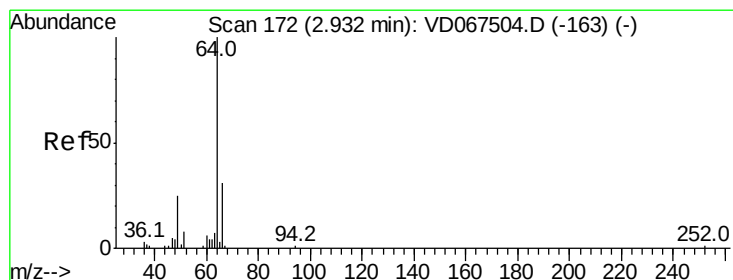
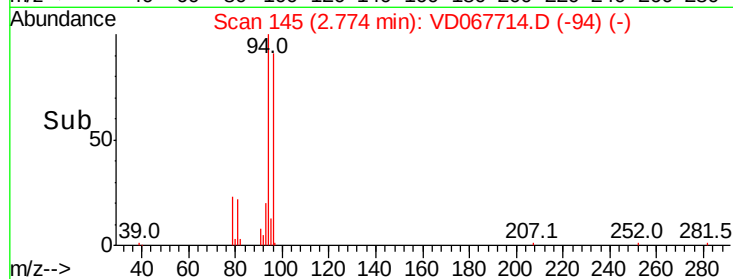
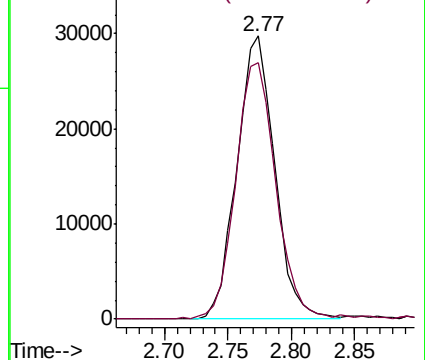
94 100

96 90.7 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.281 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067714.D

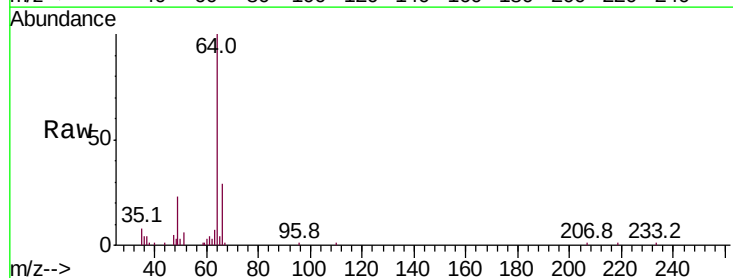
Acq: 19 Nov 2020 17:53

Tgt Ion: 64 Resp: 48206

Ion Ratio Lower Upper

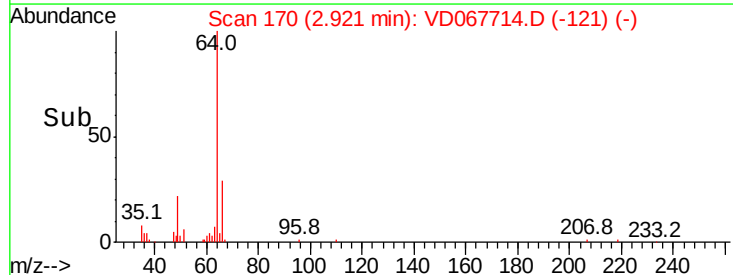
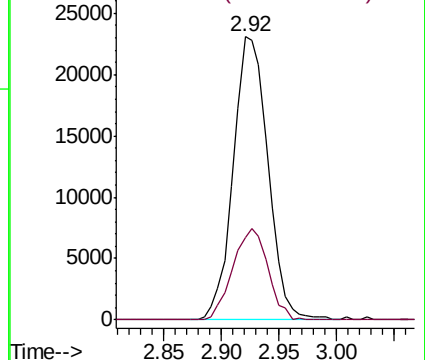
64 100

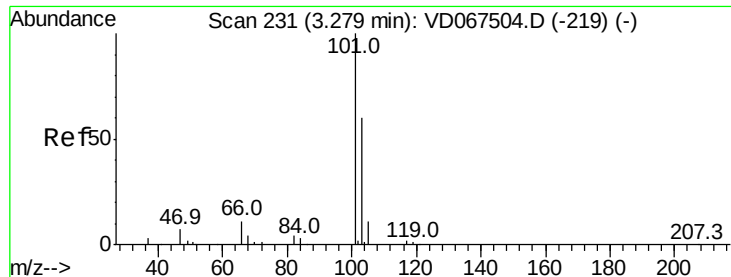
66 29.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



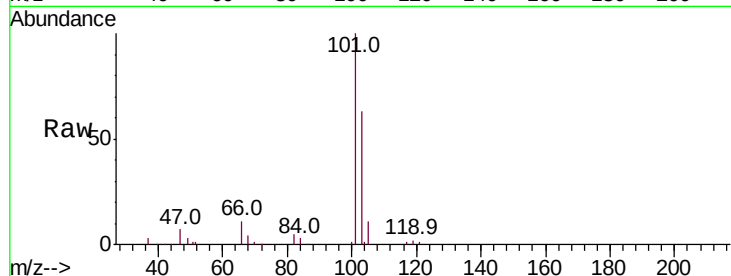


#7

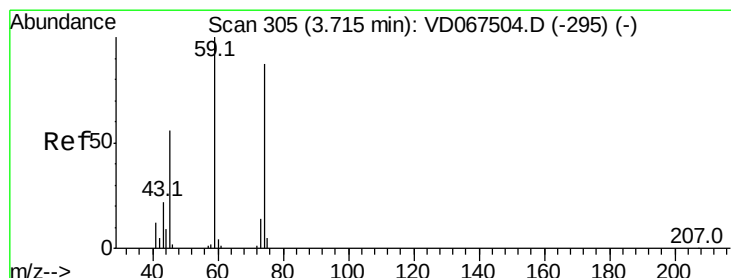
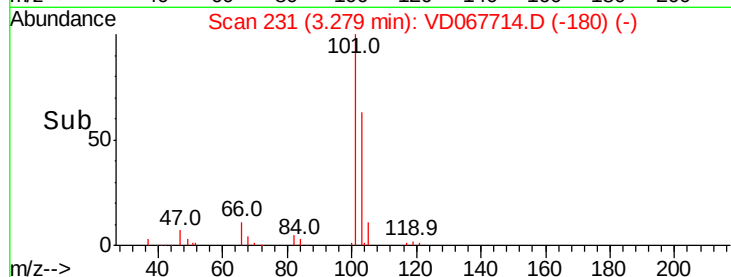
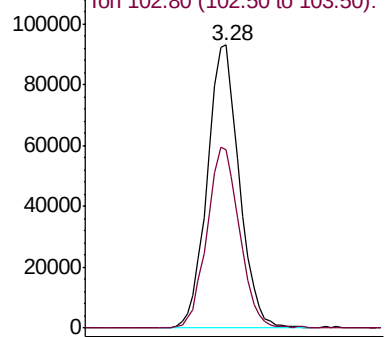
Trichlorofluoromethane
Concen: 48.036 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 219624
Ion Ratio Lower Upper
101 100
103 62.8 48.1 72.1



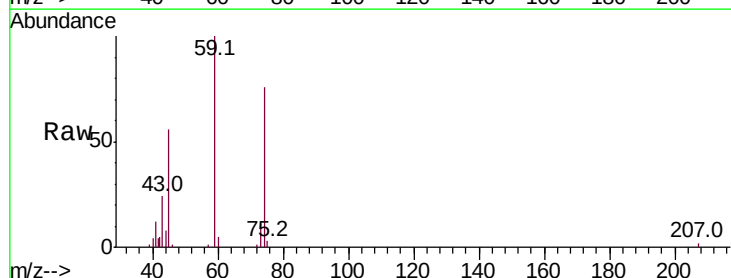
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



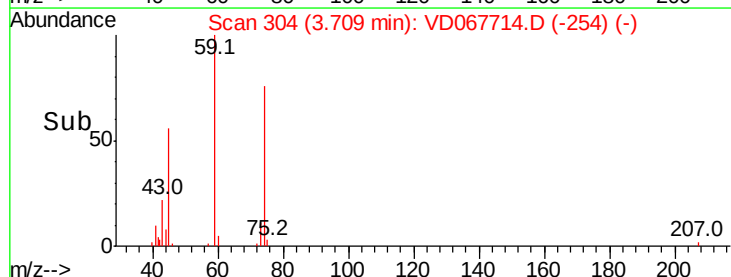
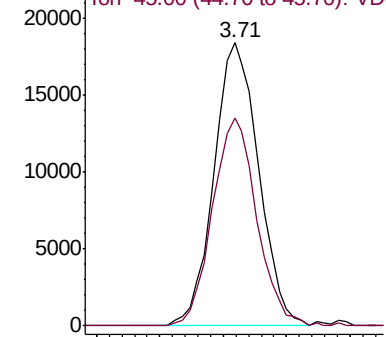
#8

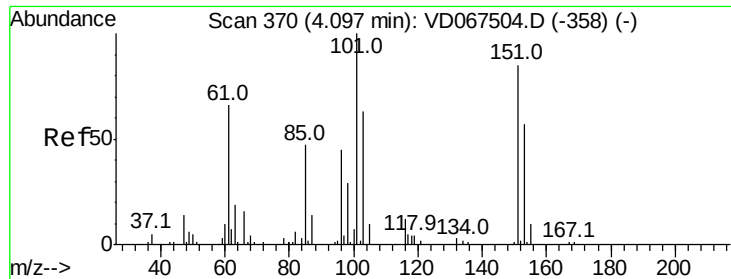
Diethyl Ether
Concen: 48.688 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion: 74 Resp: 44854
Ion Ratio Lower Upper
74 100
45 72.9 38.2 114.6



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: 47.321 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

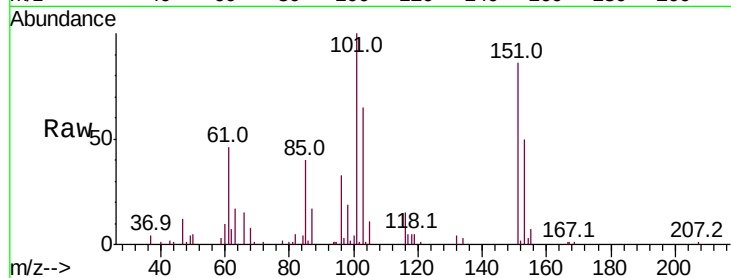
Tot Ion:101 Resp: 109210

Ion Ratio Lower Upper

101 100

85 41.9 34.4 51.6

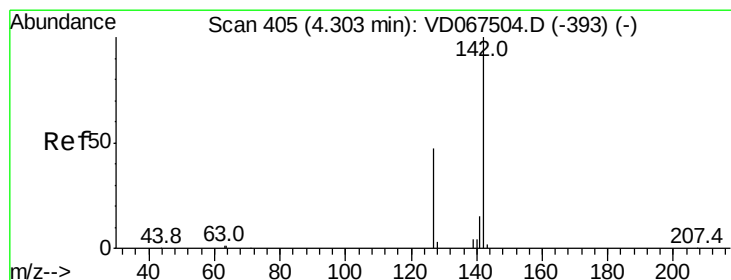
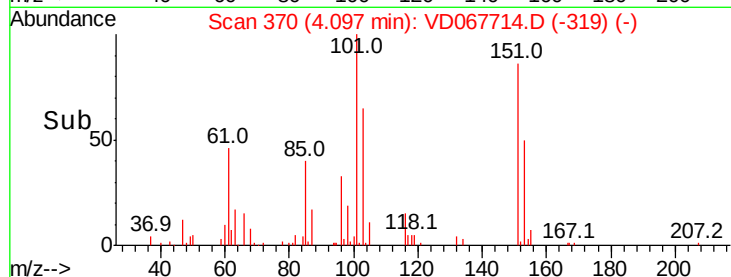
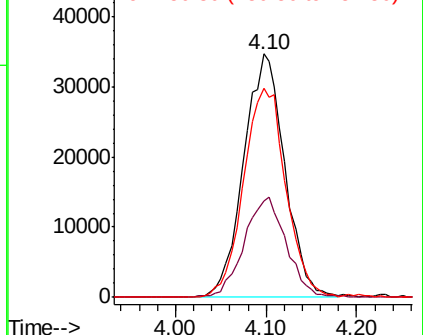
151 88.4 68.1 102.1



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: 44.216 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

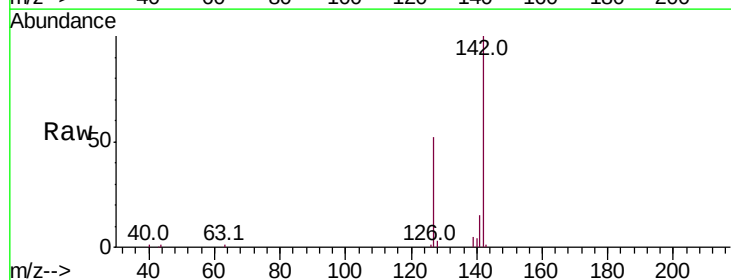
Tgt Ion:142 Resp: 109368

Ion Ratio Lower Upper

142 100

127 54.4 40.0 60.0

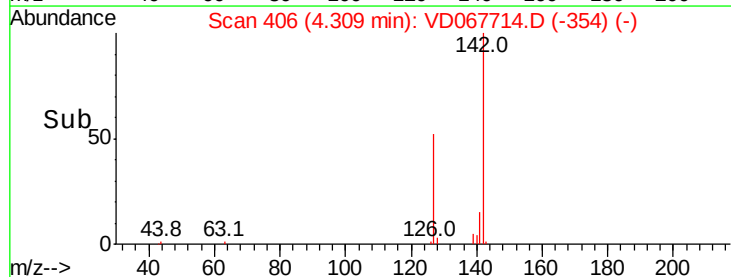
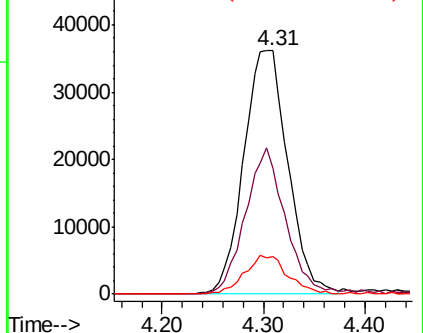
141 15.3 11.7 17.5

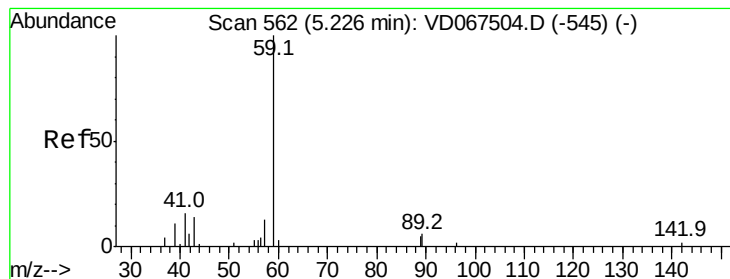


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



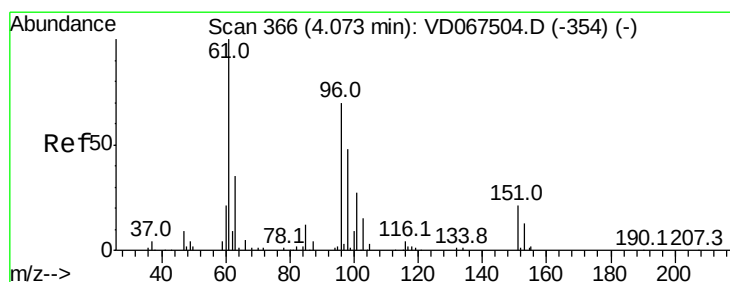
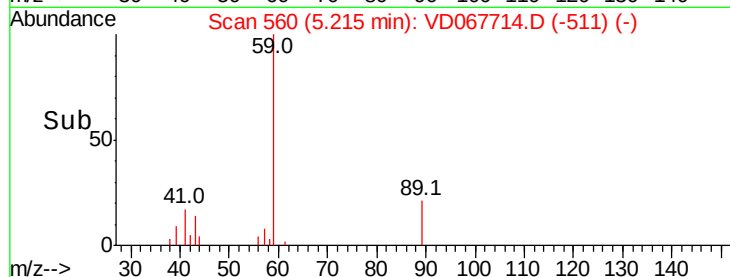
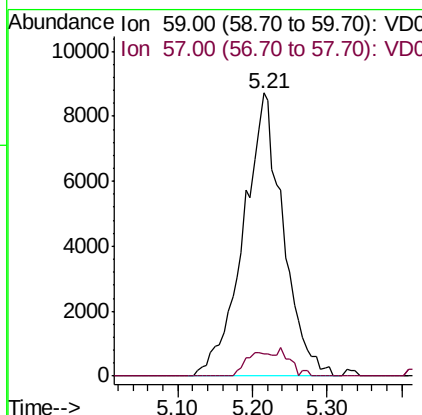
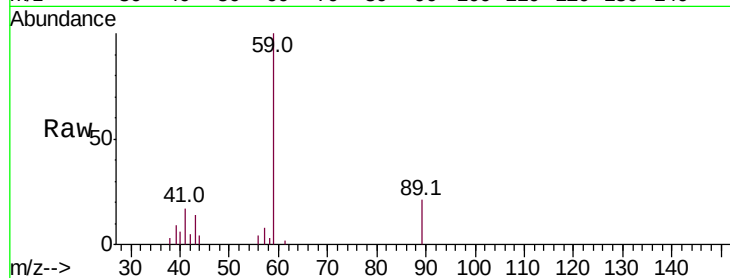


#11

Tert butyl alcohol
 Concen: 344.223 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

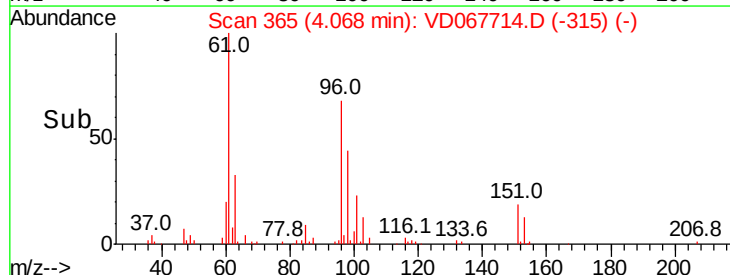
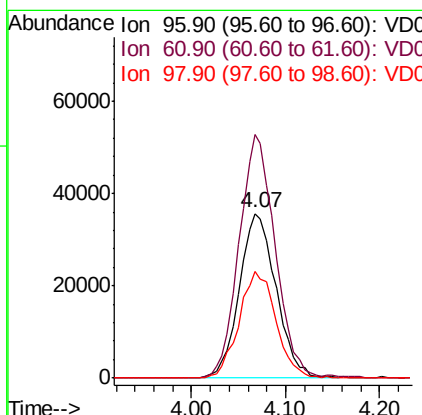
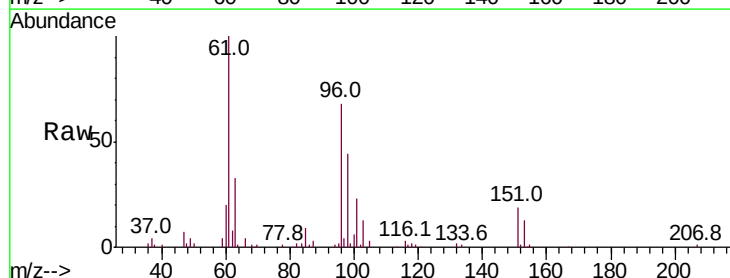
Tot Ion: 59 Resp: 32259
 Ion Ratio Lower Upper
 59 100
 57 5.5 5.9 8.9#

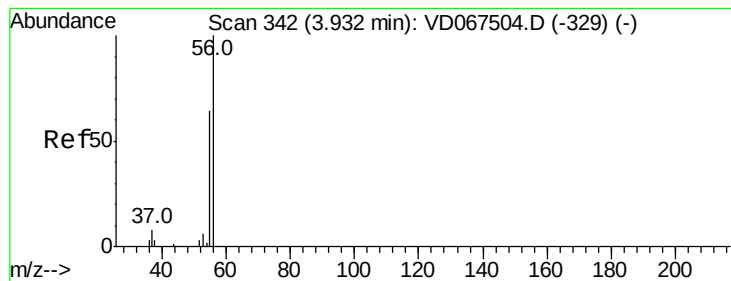


#12

1,1-Dichloroethene
 Concen: 45.585 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion: 96 Resp: 96768
 Ion Ratio Lower Upper
 96 100
 61 148.0 114.5 171.7
 98 65.2 54.5 81.7





#13

Acrolein

Concen: 212.610 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

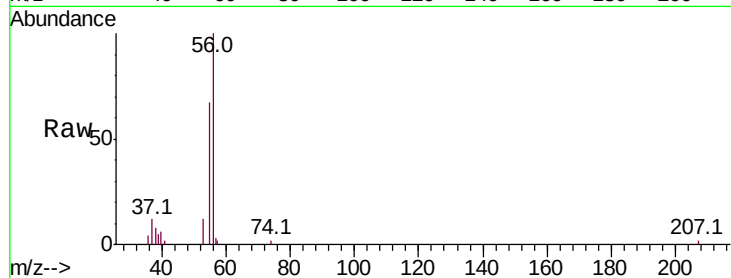
VSTDCCC050EC

Tot Ion: 56 Resp: 20514

Ion Ratio Lower Upper

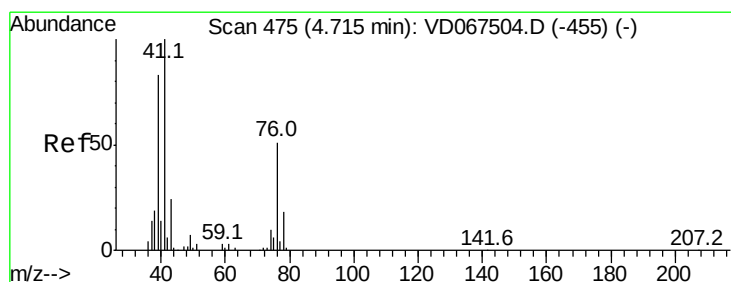
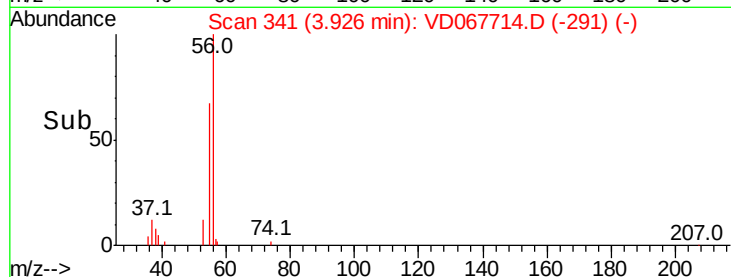
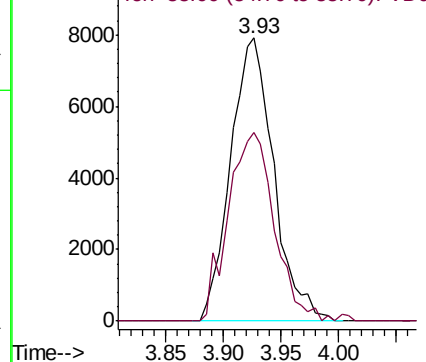
56 100

55 71.3 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 44.031 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

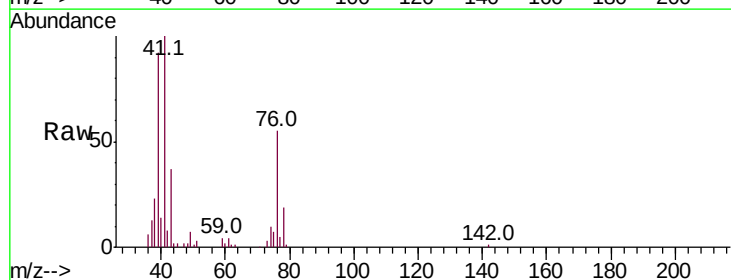
Tgt Ion: 41 Resp: 100034

Ion Ratio Lower Upper

41 100

39 94.0 67.4 101.0

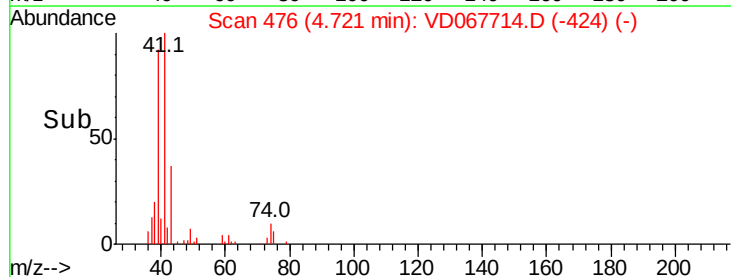
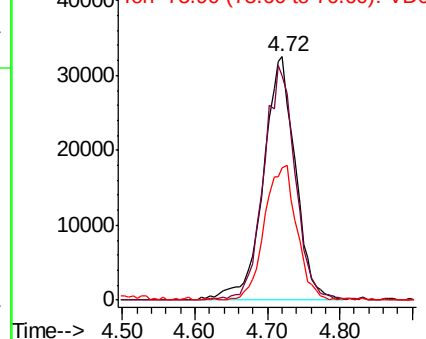
76 55.4 42.2 63.2

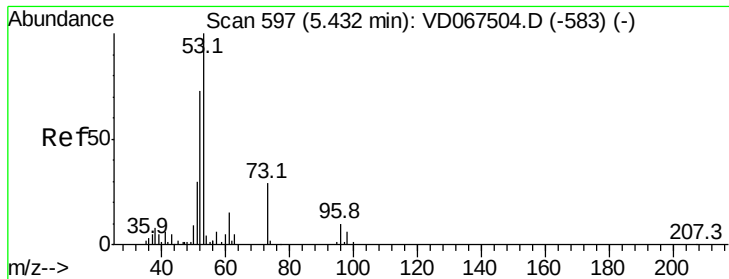


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 251.534 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

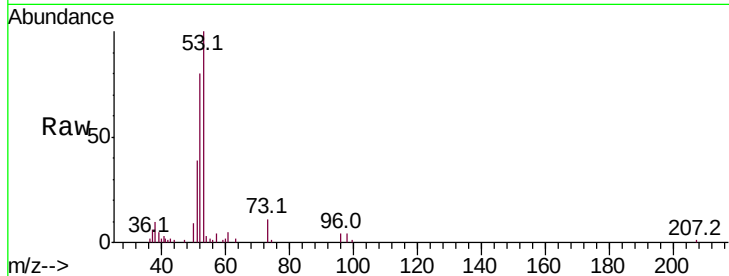
Tot Ion: 53 Resp: 85659

Ion Ratio Lower Upper

53 100

52 80.7 64.8 97.2

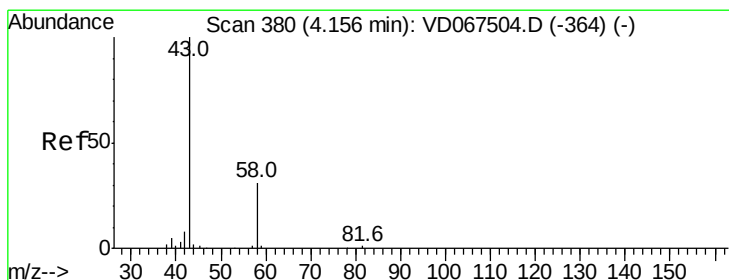
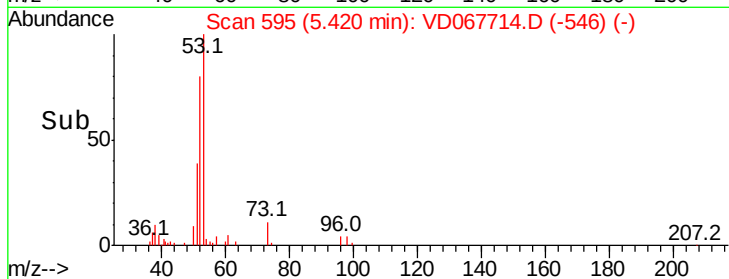
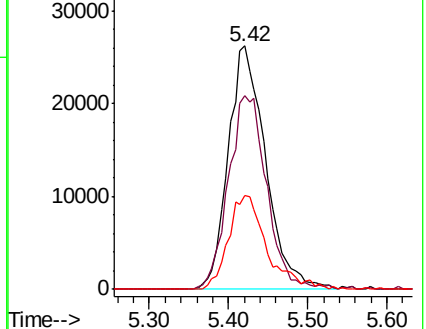
51 39.4 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 253.473 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067714.D

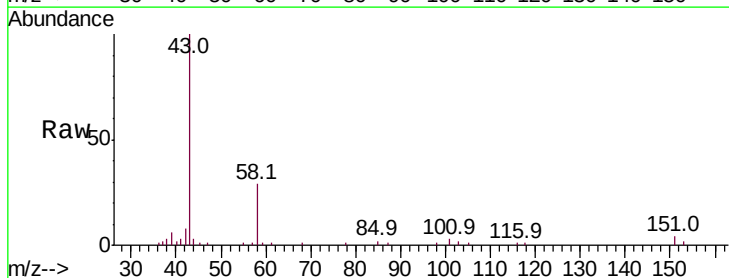
Acq: 19 Nov 2020 17:53

Tgt Ion: 43 Resp: 84353

Ion Ratio Lower Upper

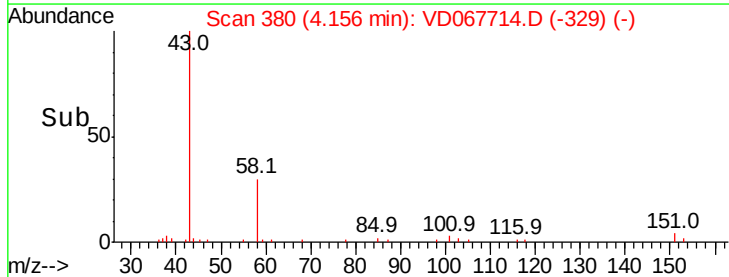
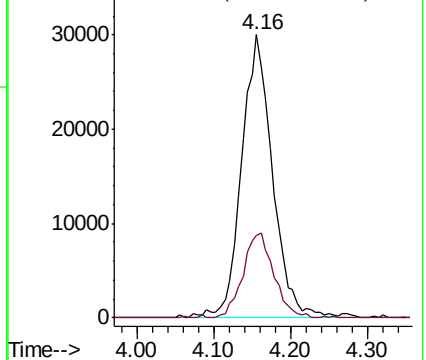
43 100

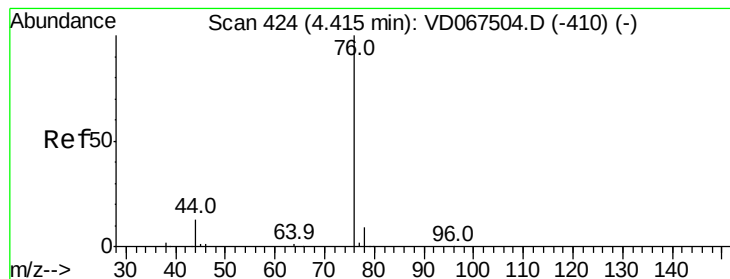
58 29.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 40.821 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

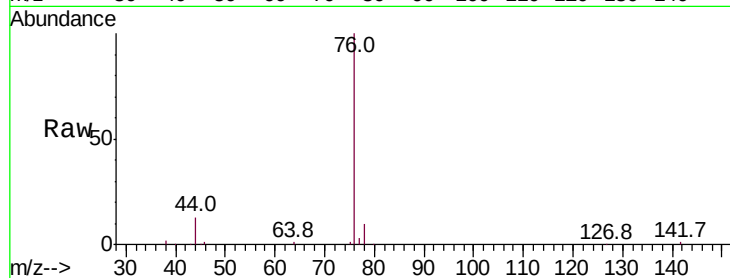
VSTDCCC050EC

Tot Ion: 76 Resp: 265531

Ion Ratio Lower Upper

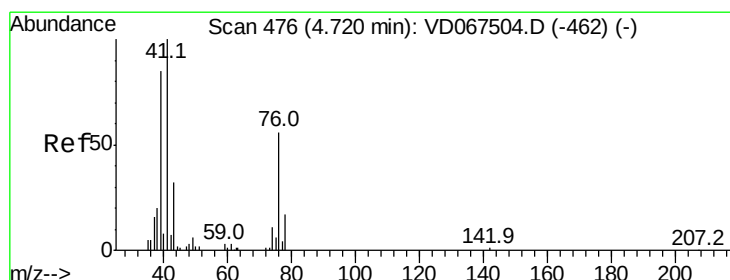
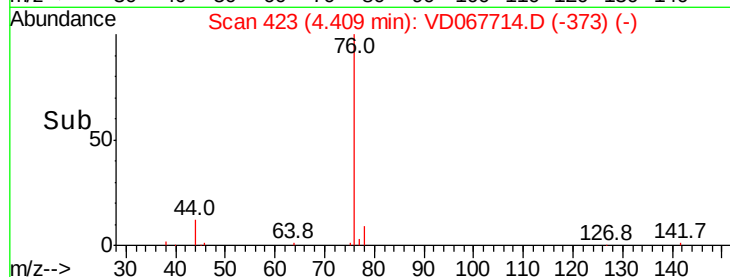
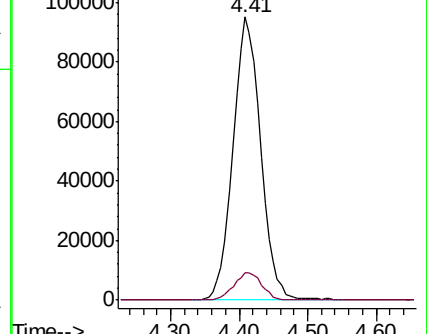
76 100

78 9.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 50.869 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067714.D

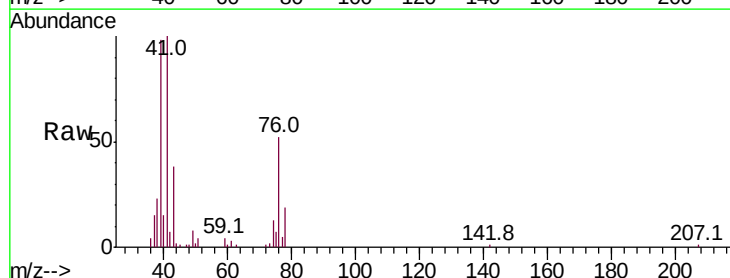
Acq: 19 Nov 2020 17:53

Tgt Ion: 43 Resp: 34982

Ion Ratio Lower Upper

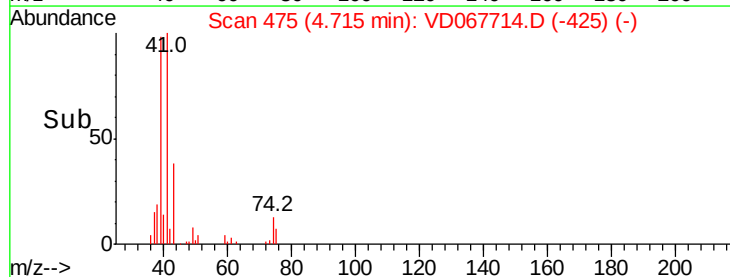
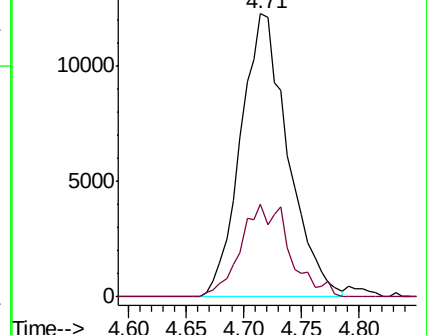
43 100

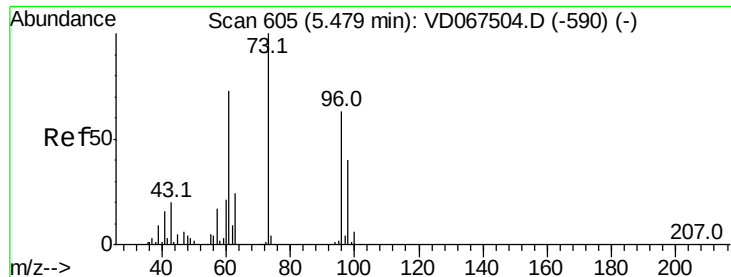
74 34.1 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



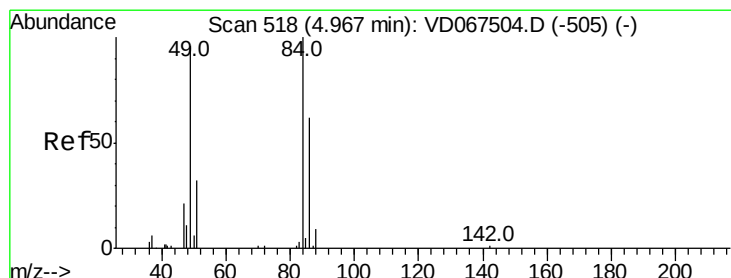
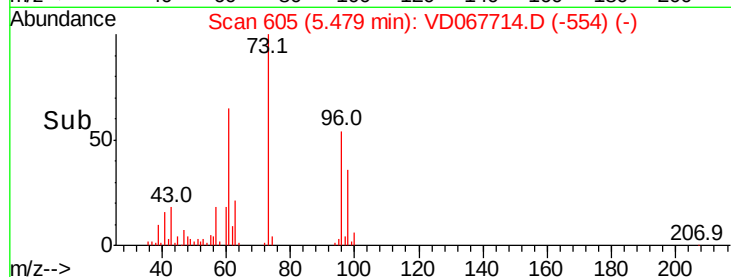
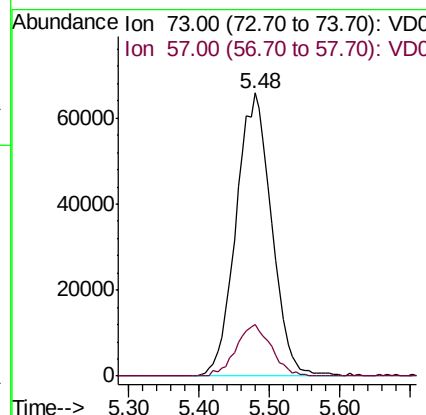
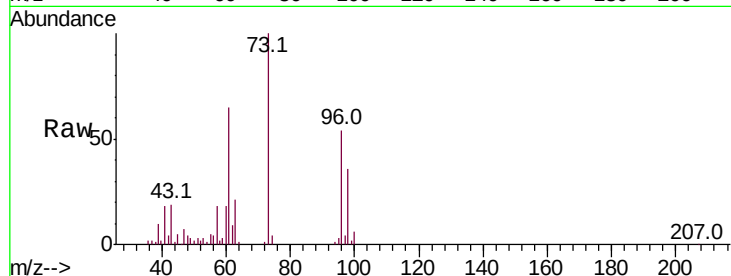


#19

Methvl tert-butyl Ether
 Concen: 55.069 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

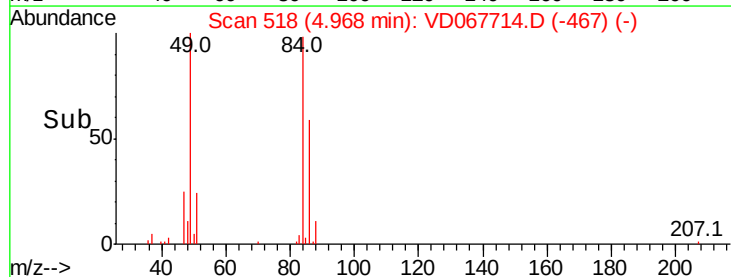
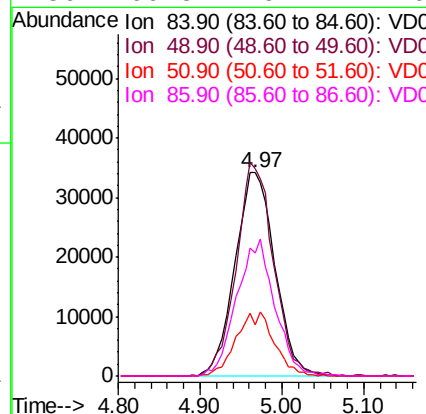
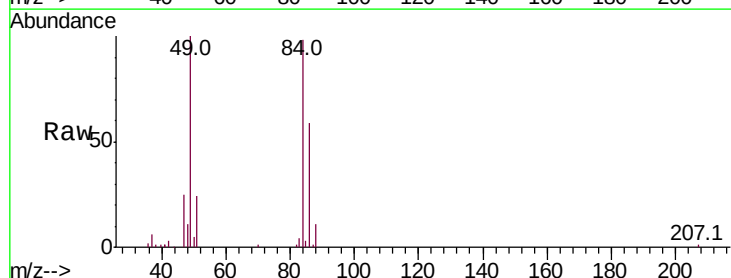
Tot Ion: 73 Resp: 230584
 Ion Ratio Lower Upper
 73 100
 57 18.1 13.4 20.0

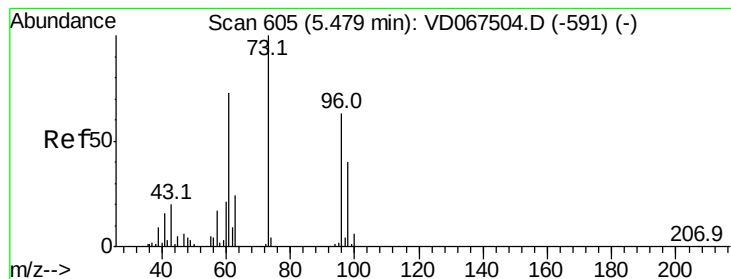


#20

Methylene Chloride
 Concen: 49.409 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion: 84 Resp: 116149
 Ion Ratio Lower Upper
 84 100
 49 101.8 77.0 115.4
 51 25.0 25.4 38.2#
 86 60.3 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 45.729 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

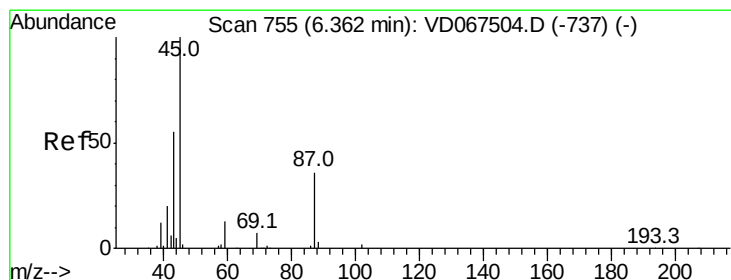
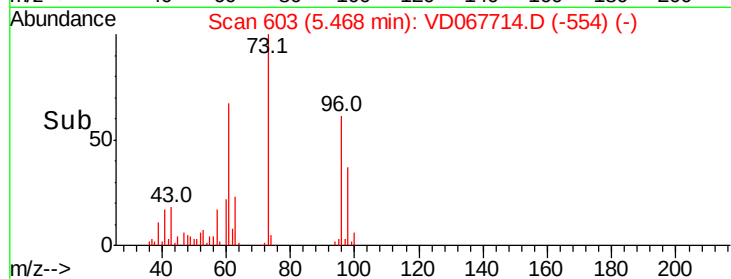
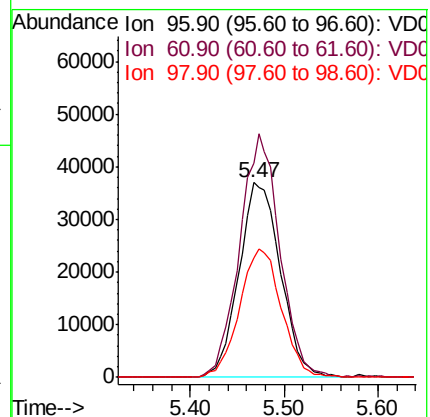
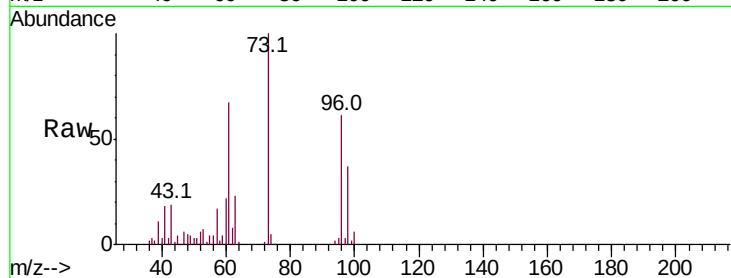
Tot Ion: 96 Resp: 113064

Ion Ratio Lower Upper

96 100

61 109.9 93.0 139.6

98 61.0 50.9 76.3



#22

Diisopropyl ether

Concen: 48.602 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Tgt Ion: 45 Resp: 215178

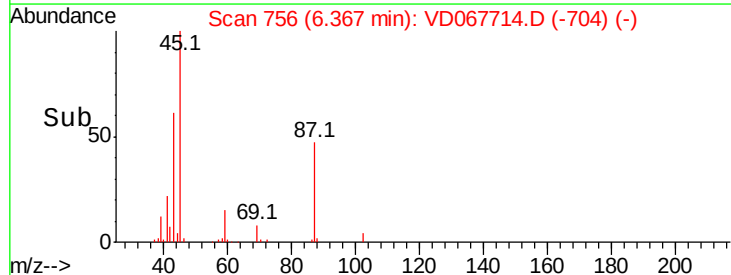
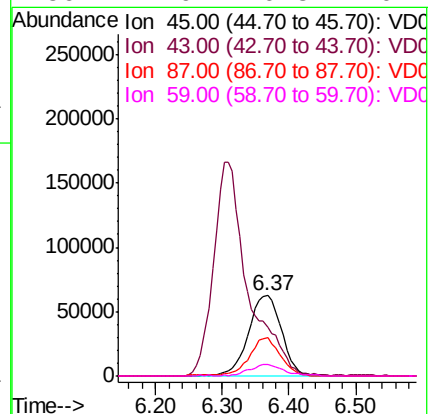
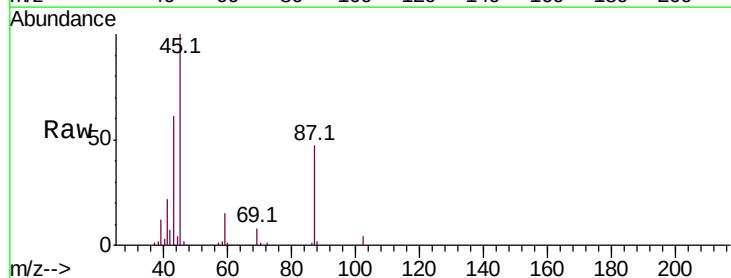
Ion Ratio Lower Upper

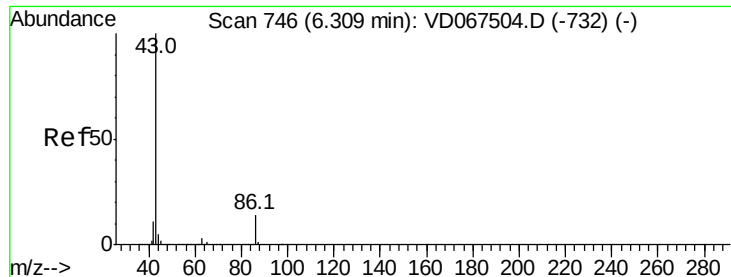
45 100

43 60.0 46.2 69.4

87 47.0 29.4 44.2#

59 14.9 10.8 16.2





#23

Vinyl Acetate

Concen: 258.840 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

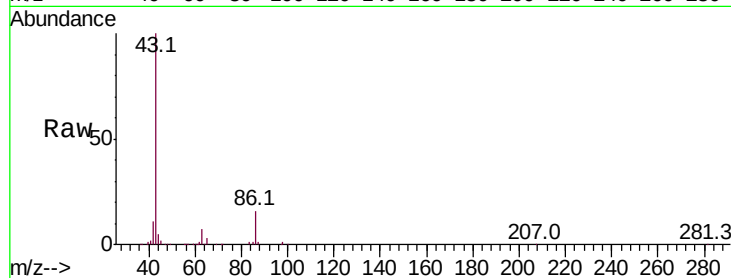
VSTDCCC050EC

Tot Ion: 43 Resp: 599860

Ion Ratio Lower Upper

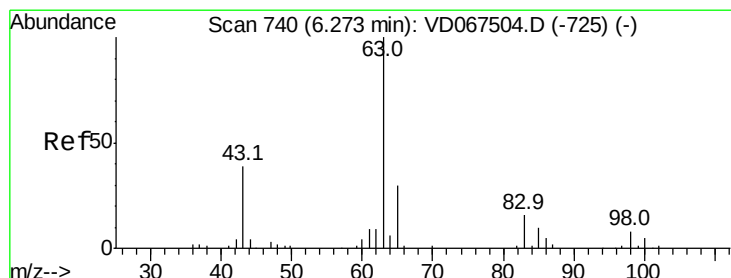
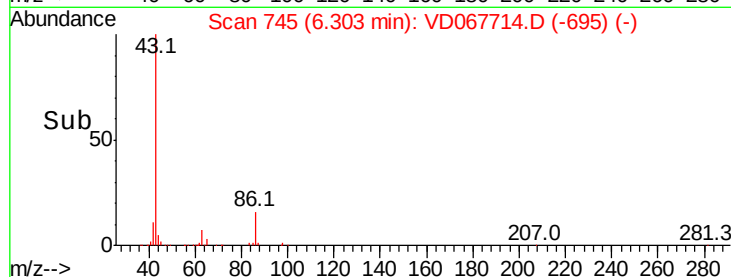
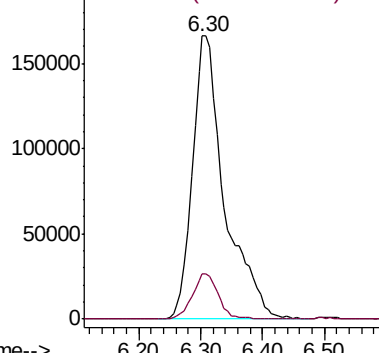
43 100

86 16.1 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 47.506 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

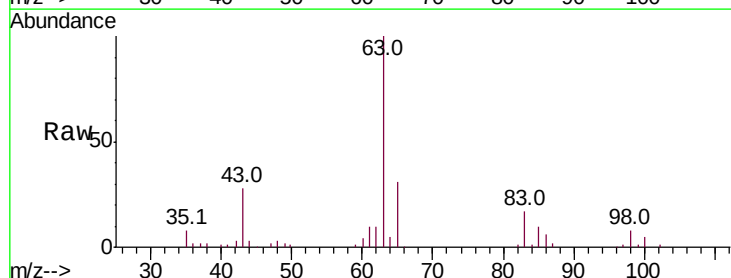
Tgt Ion: 63 Resp: 172064

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.5

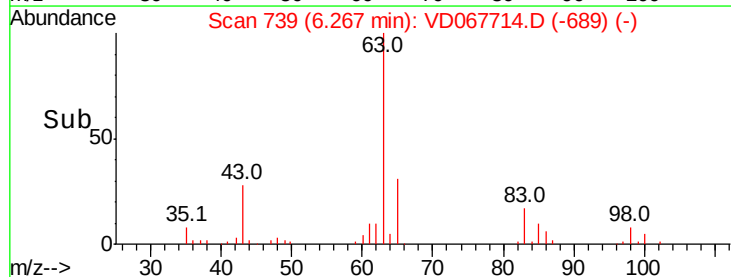
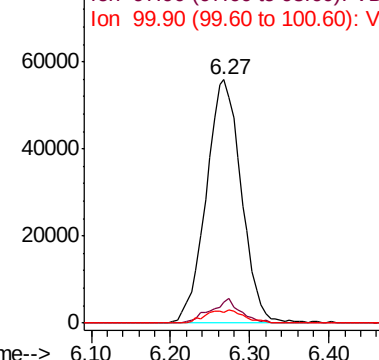
100 4.5 2.6 7.8

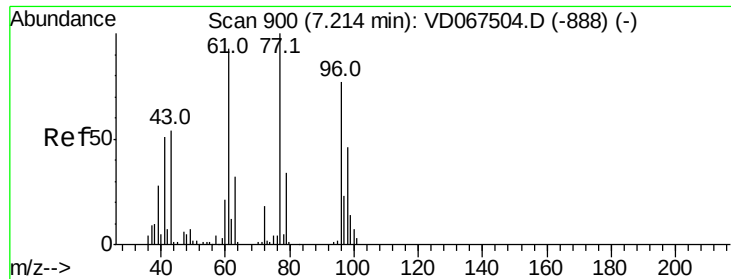


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 258.289 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

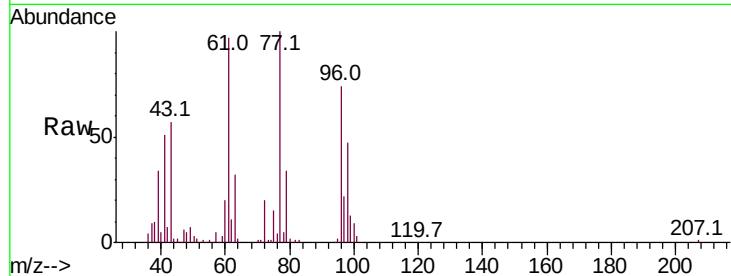
VSTDCCC050EC

Tot Ion: 43 Resp: 91846

Ion Ratio Lower Upper

43 100

72 35.2 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.21

40000

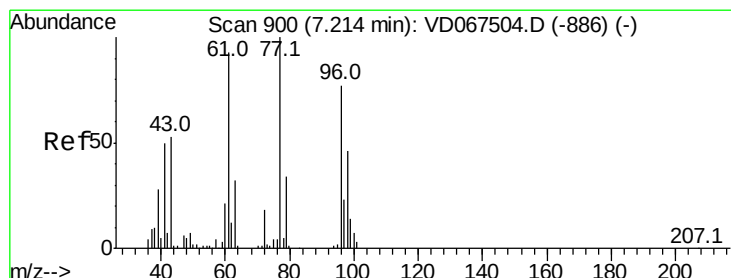
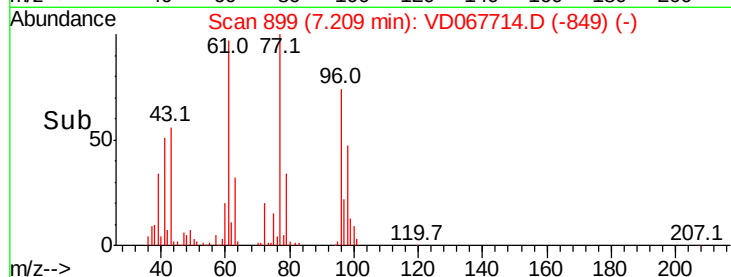
30000

20000

10000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#26

2,2-Dichloropropane

Concen: 49.644 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067714.D

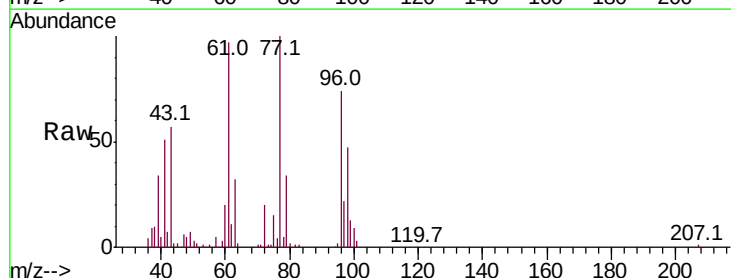
Acq: 19 Nov 2020 17:53

Tgt Ion: 77 Resp: 189768

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.21

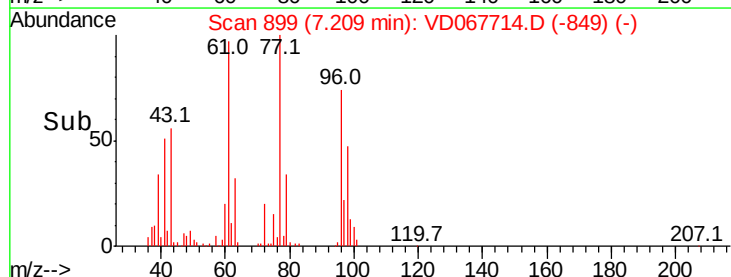
60000

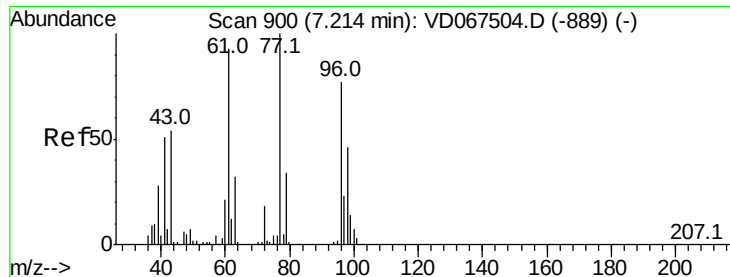
40000

20000

0

Time--> 7.10 7.20 7.30



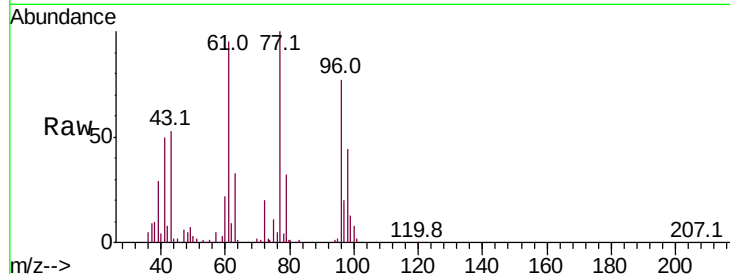


#27

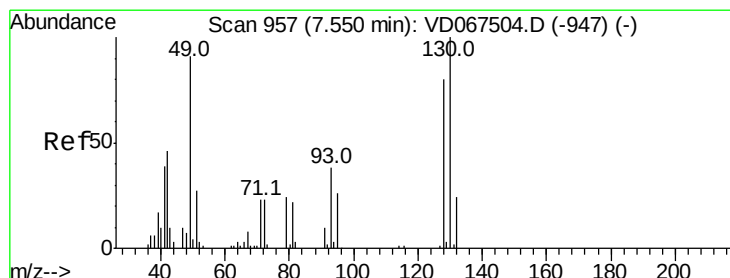
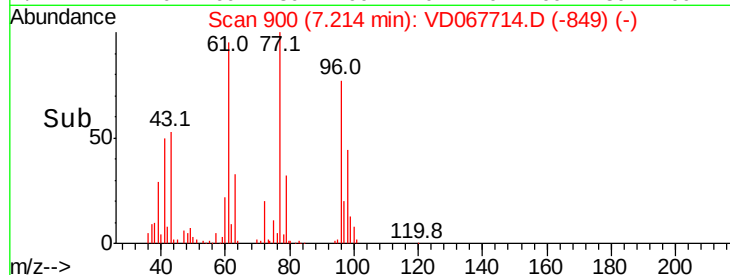
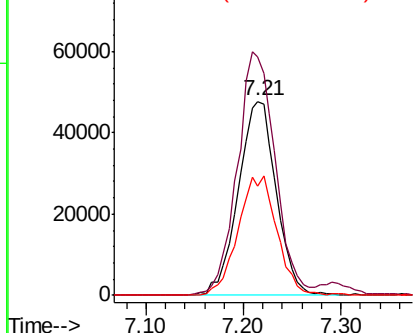
cis-1,2-Dichloroethene
Concen: 50.648 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	96	Resp	129979
Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	251.6
98	62.9	0.0	128.0



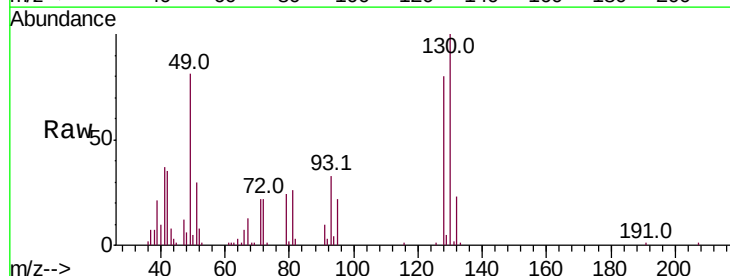
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



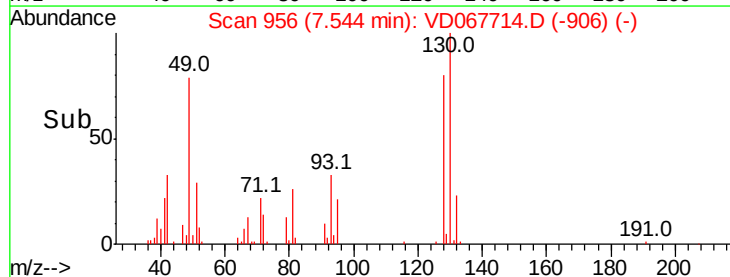
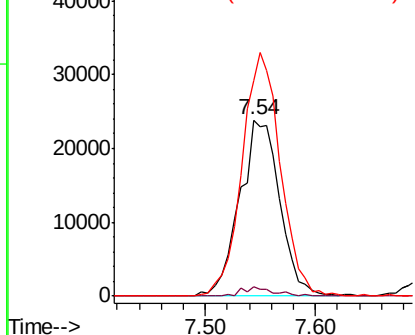
#28

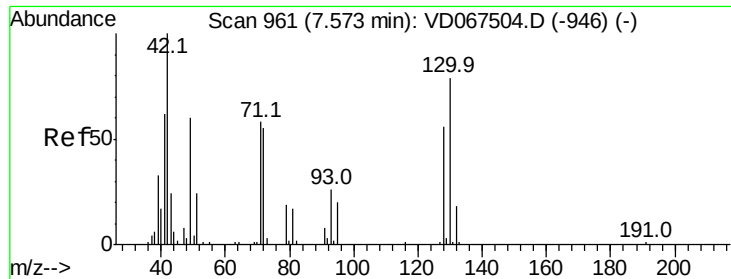
Bromochloromethane
Concen: 47.127 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	49	Resp	60716
Ion	Ratio	Lower	Upper
49	100		
129	3.8	0.0	6.4
130	132.9	94.6	142.0



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

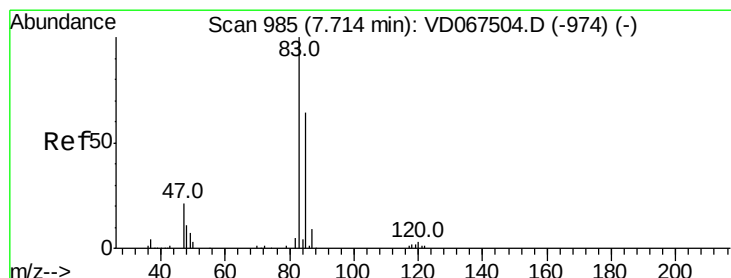
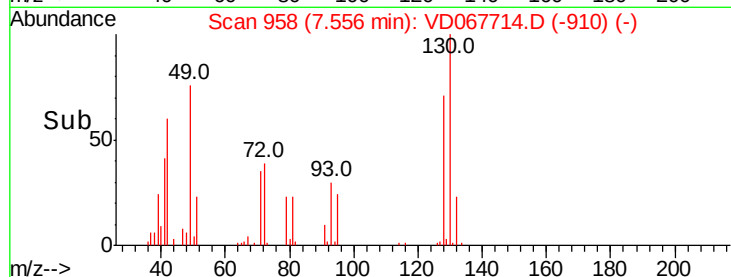
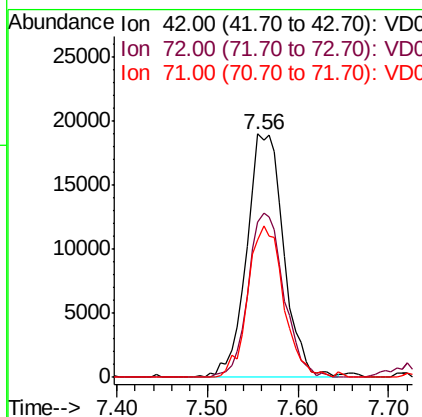
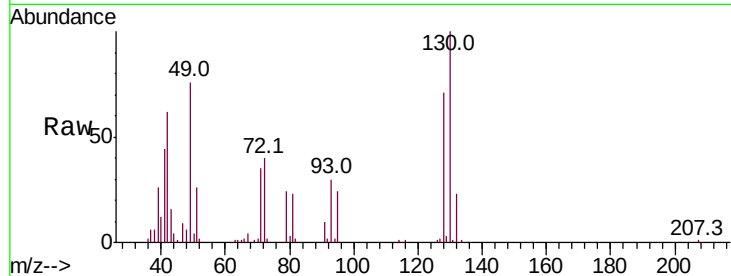




#29
Tetrahydrofuran
Concen: 253.148 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.02 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

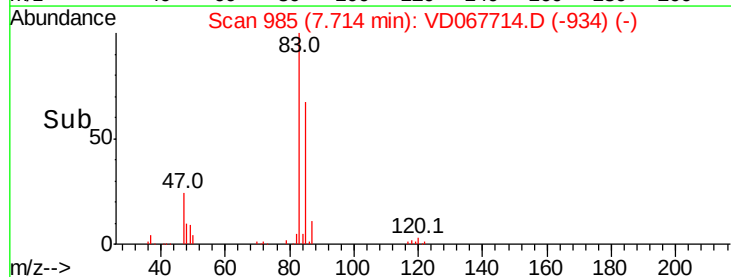
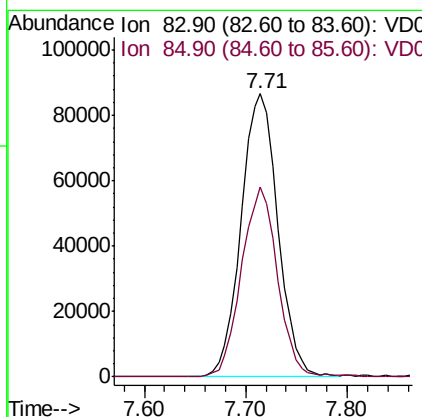
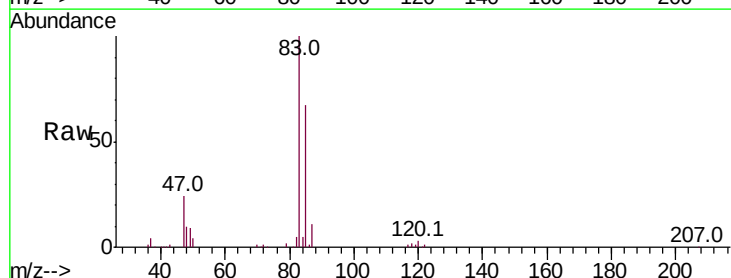
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

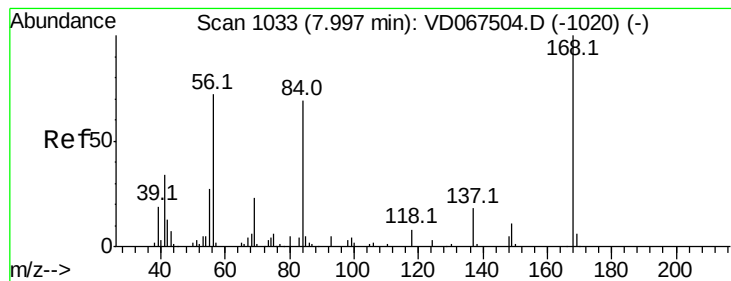
Tot Ion: 42 Resp: 53921
Ion Ratio Lower Upper
42 100
72 64.8 46.3 69.5
71 59.7 44.0 66.0



#30
Chloroform
Concen: 50.439 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion: 83 Resp: 217948
Ion Ratio Lower Upper
83 100
85 67.0 51.5 77.3





#31

Cyclohexane

Concen: 41.064 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

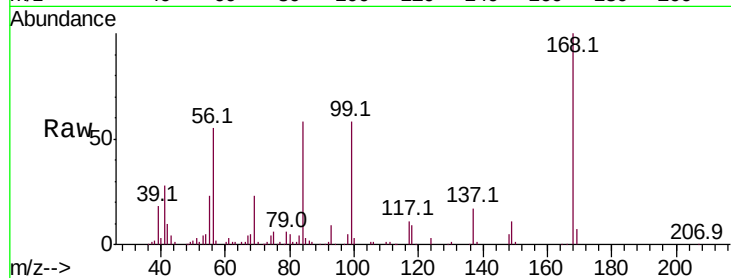
Tot Ion: 56 Resp: 132448

Ion Ratio Lower Upper

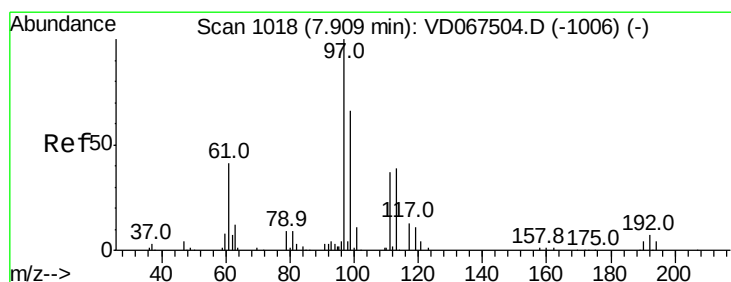
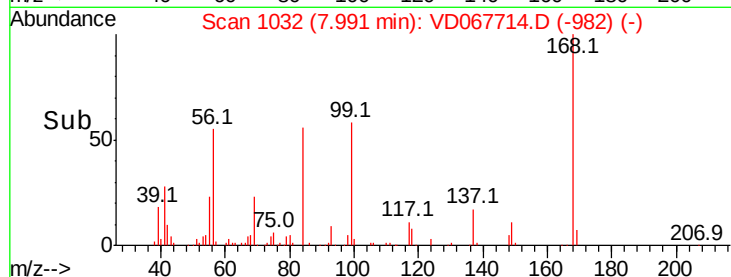
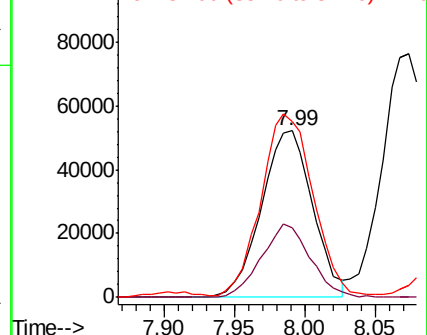
56 100

69 42.0 25.9 38.9#

84 103.0 76.2 114.4



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: 50.155 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

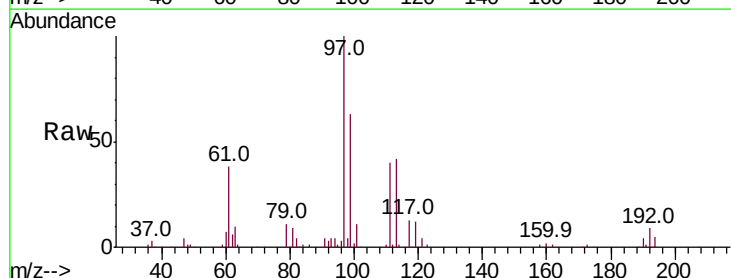
Tgt Ion: 97 Resp: 223606

Ion Ratio Lower Upper

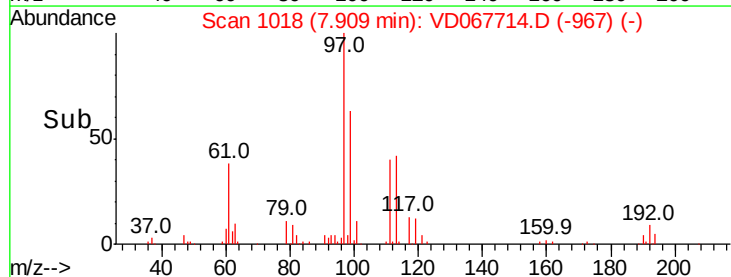
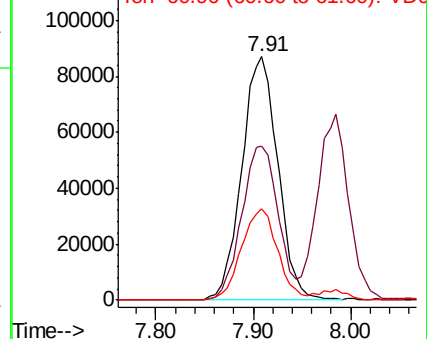
97 100

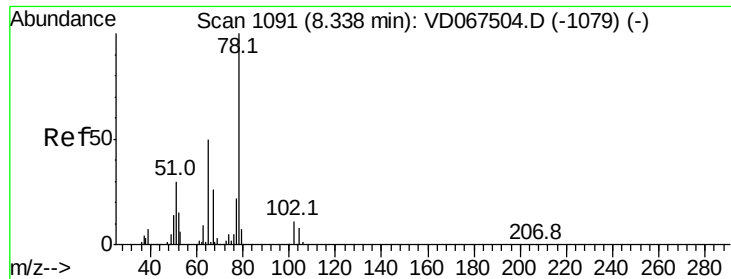
99 64.0 51.8 77.6

61 37.8 30.5 45.7



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: 47.951 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

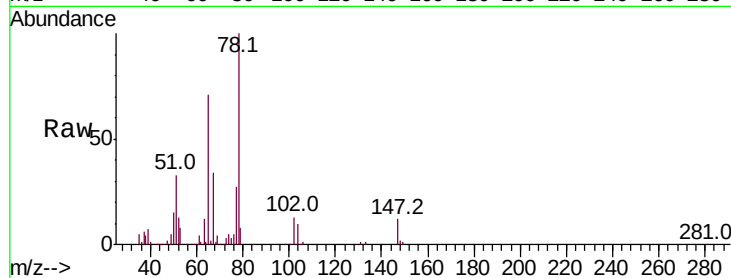
VSTDCCC050EC

Tot Ion: 65 Resp: 106636

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

30000

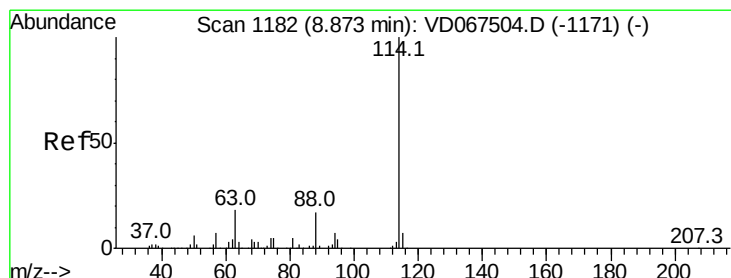
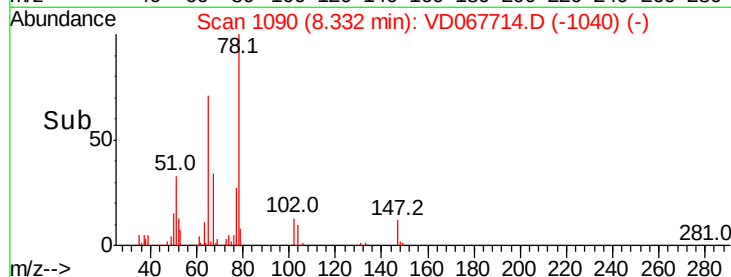
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

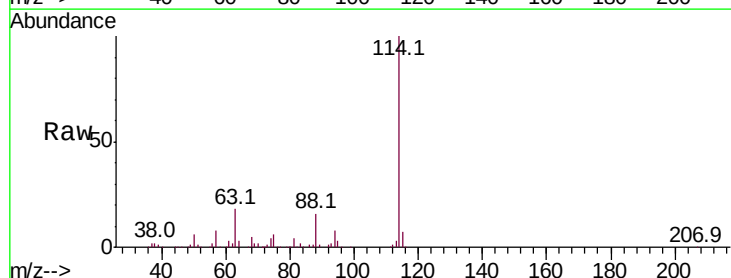
Tgt Ion: 114 Resp: 371369

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 15.7 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

250000

200000

150000

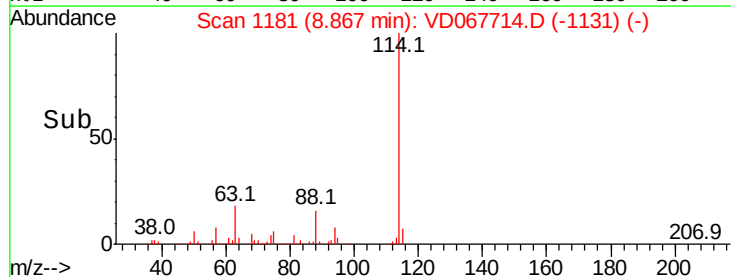
100000

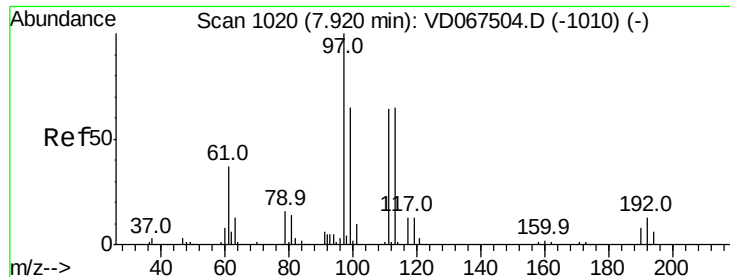
50000

0

8.80 8.90 9.00

Time-->

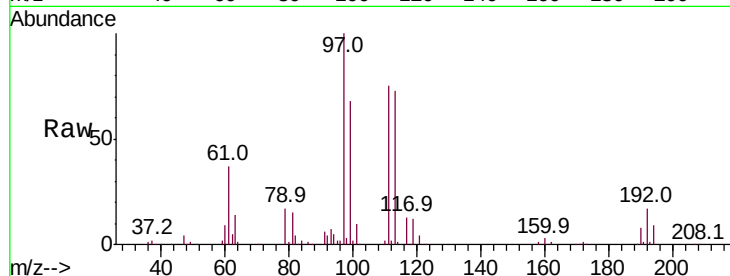




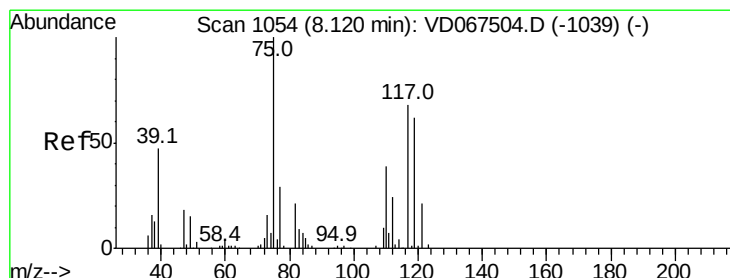
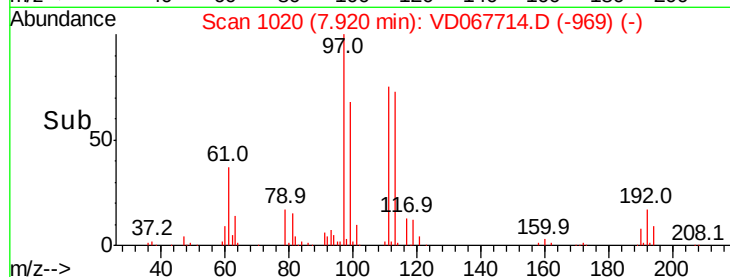
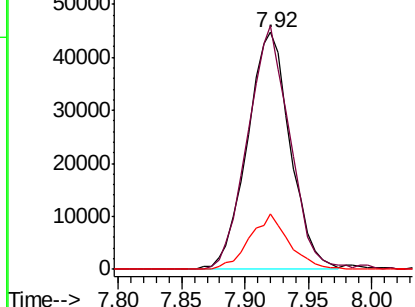
#35
 Dibromofluoromethane
 Concen: 47.077 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 105334
 Ion Ratio Lower Upper
 113 100
 111 100.8 80.0 120.0
 192 21.4 16.3 24.5

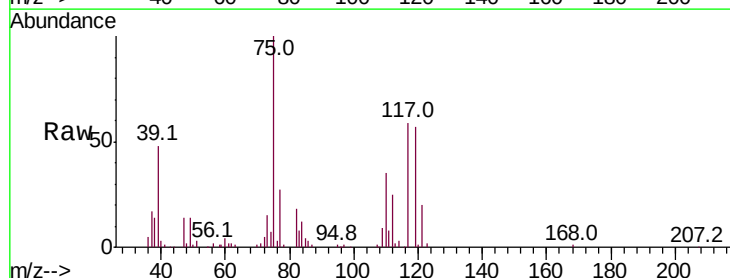


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

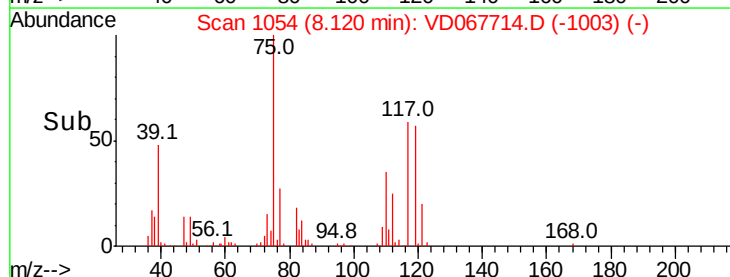
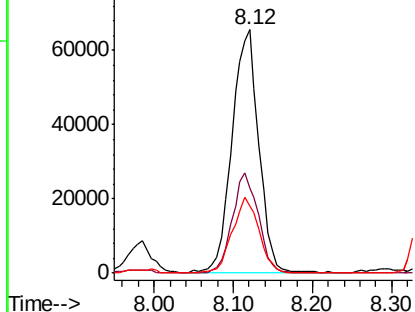


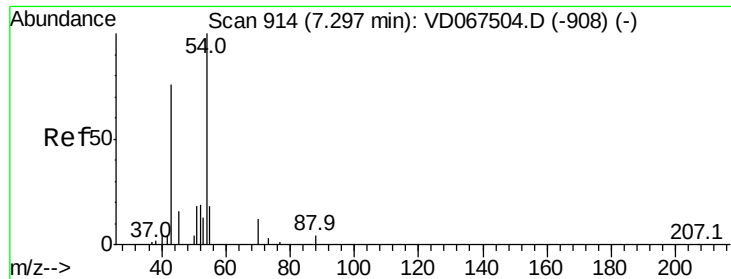
#36
 1,1-Dichloropropene
 Concen: 48.266 ug/l
 RT: 8.12 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion: 75 Resp: 153430
 Ion Ratio Lower Upper
 75 100
 110 39.5 19.9 59.7
 77 30.9 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

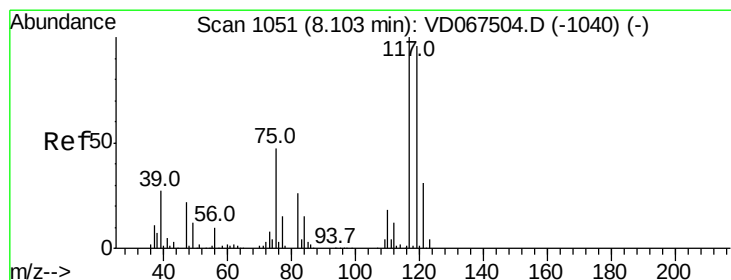
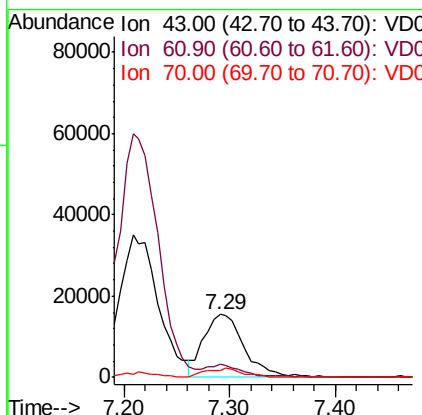
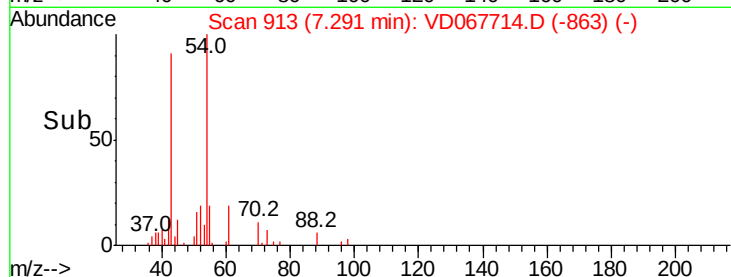
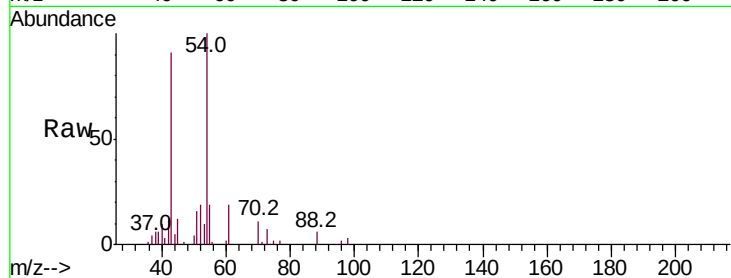




#37
Ethyl Acetate
Concen: 49.907 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

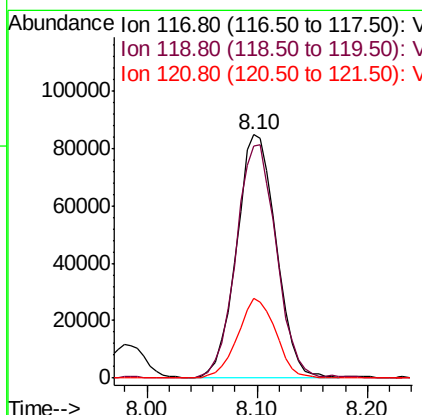
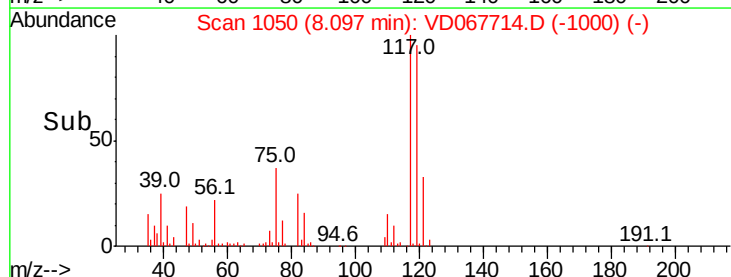
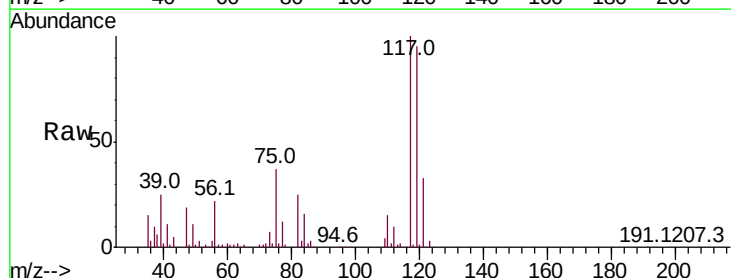
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

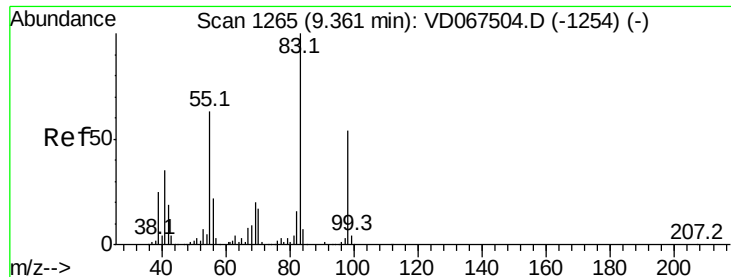
Tot Ion: 43 Resp: 41188
Ion Ratio Lower Upper
43 100
61 17.7 12.8 19.2
70 13.5 11.7 17.5



#38
Carbon Tetrachloride
Concen: 51.523 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion: 117 Resp: 212800
Ion Ratio Lower Upper
117 100
119 95.1 76.9 115.3
121 32.8 24.5 36.7

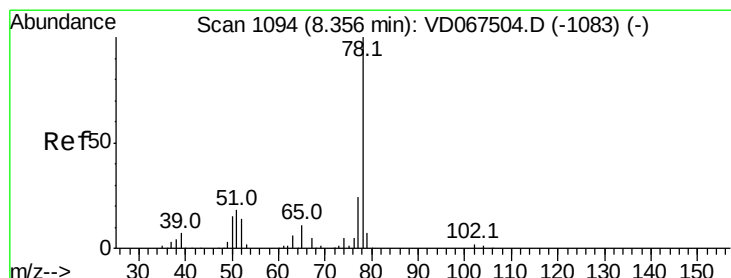
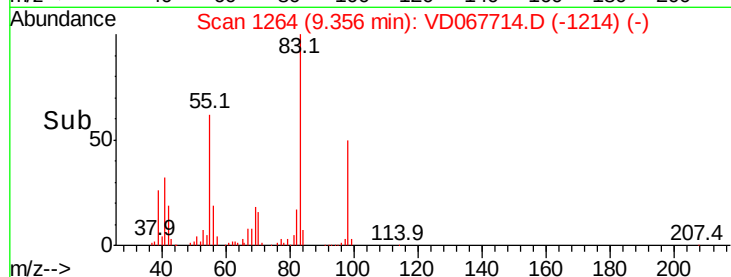
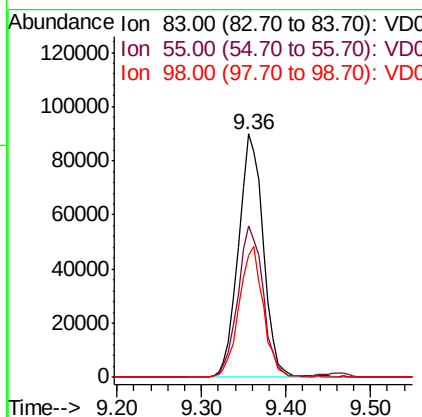
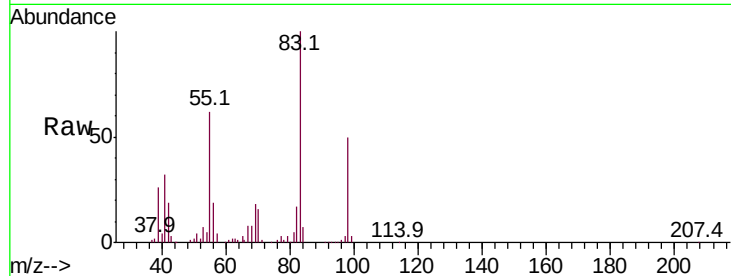




#39
Methylvlcyclohexane
Concen: 48.757 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

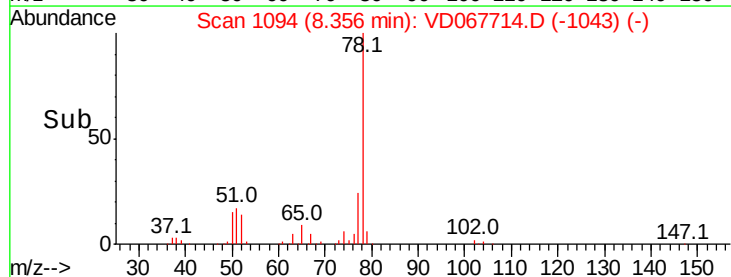
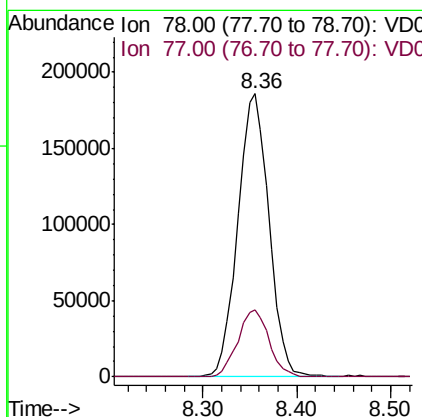
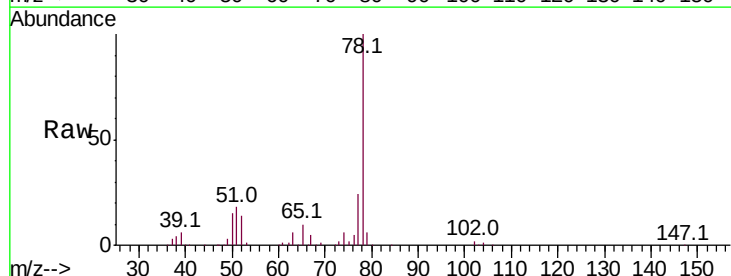
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

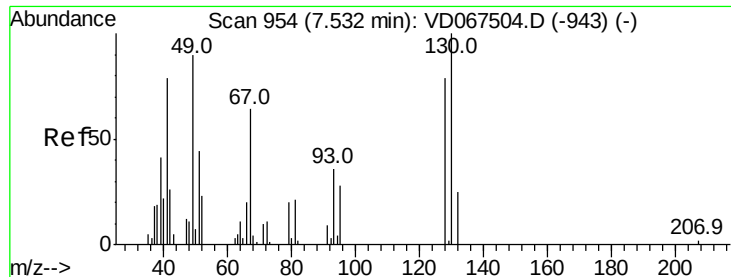
Tot Ion	83	Resp	182421
Ion Ratio	100	Lower	Upper
55	62.2	50.5	75.7
98	50.2	43.4	65.0



#40
Benzene
Concen: 49.529 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion	78	Resp	426482
Ion Ratio	100	Lower	Upper
77	23.6	19.1	28.7

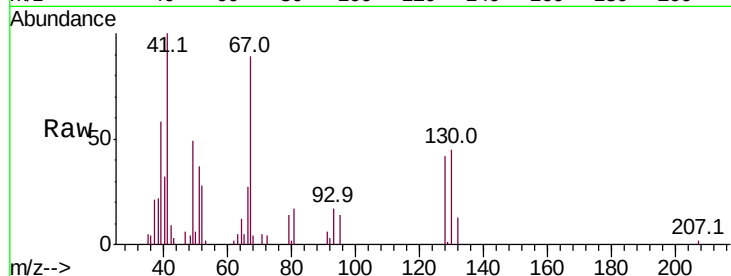




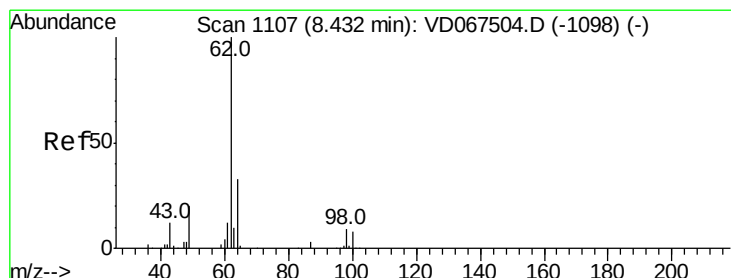
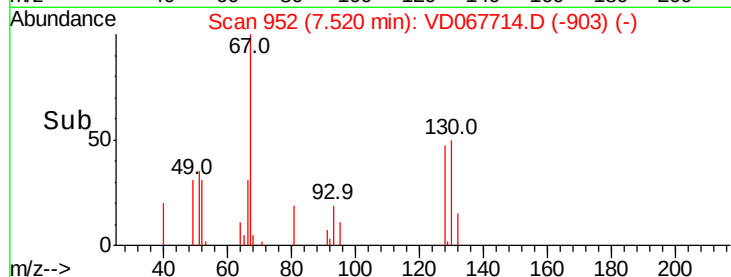
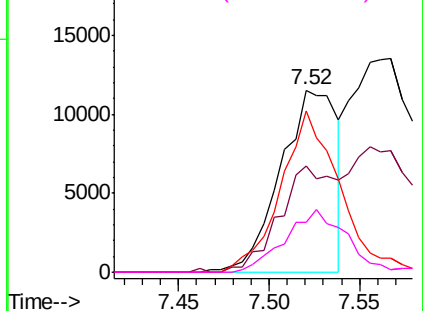
#41
Methacrylonitrile
Concen: 50.856 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 25088
Ion Ratio Lower Upper
41 100
39 57.7 51.3 76.9
67 92.5 78.9 118.3
52 37.4 31.4 47.2

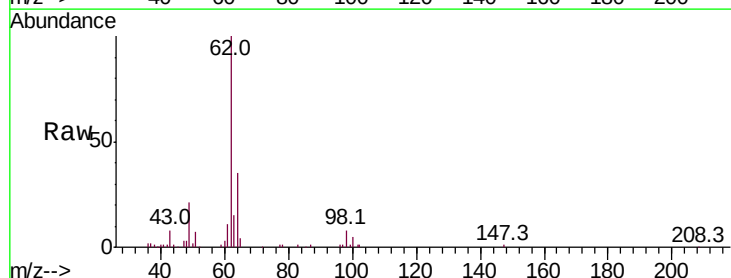


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

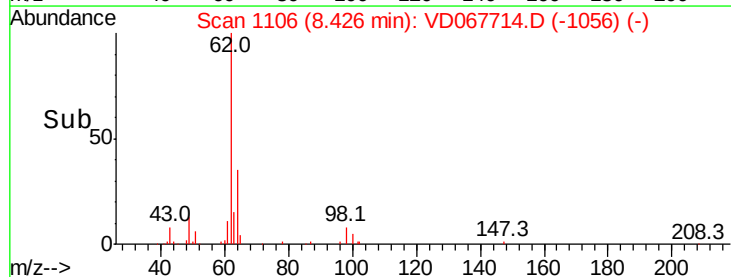
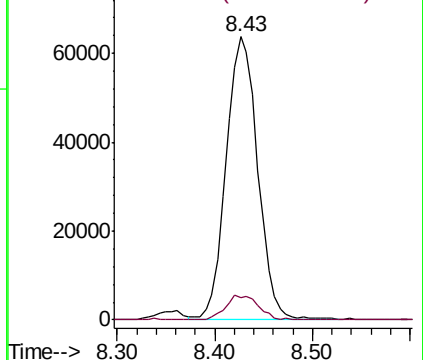


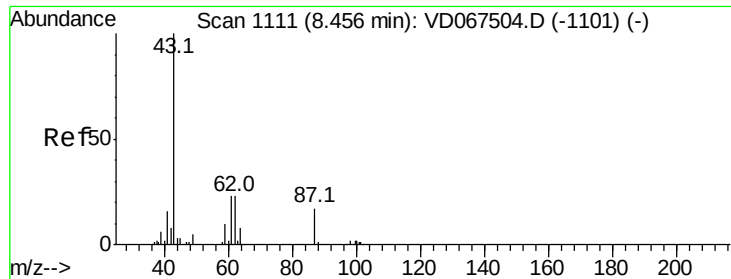
#42
1,2-Dichloroethane
Concen: 53.486 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion: 62 Resp: 142298
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8



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





#43

Isopropyl Acetate

Concen: 52.752 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

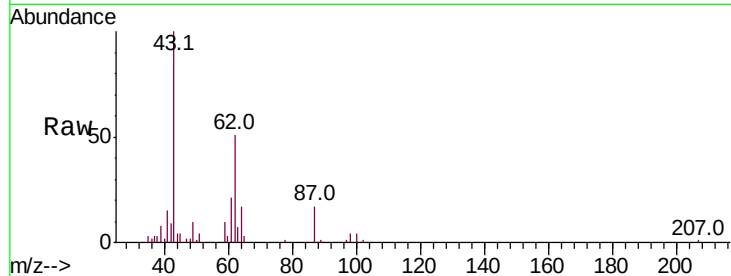
Tot Ion: 43 Resp: 86100

Ion Ratio Lower Upper

43 100

61 37.3 30.5 45.7

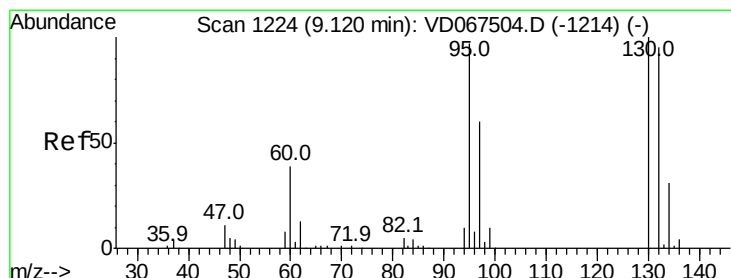
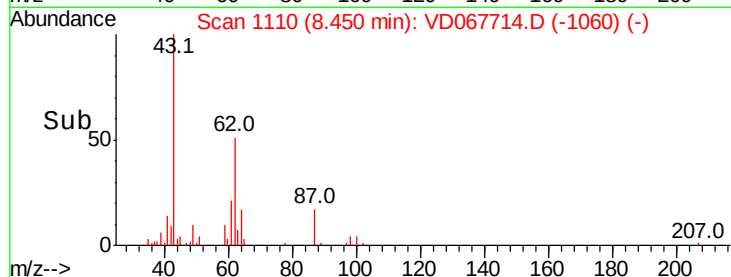
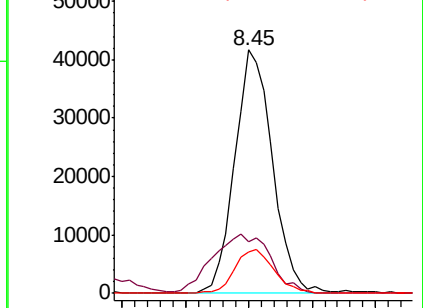
87 18.7 14.7 22.1



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: 49.393 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067714.D

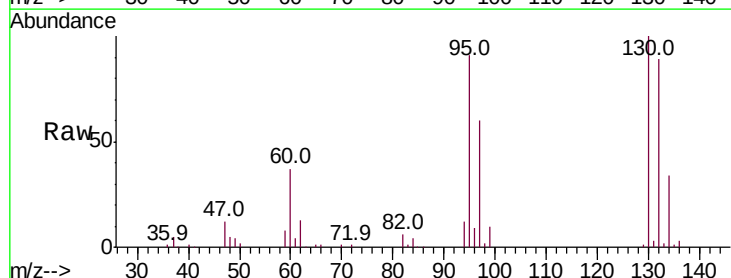
Acq: 19 Nov 2020 17:53

Tgt Ion:130 Resp: 139847

Ion Ratio Lower Upper

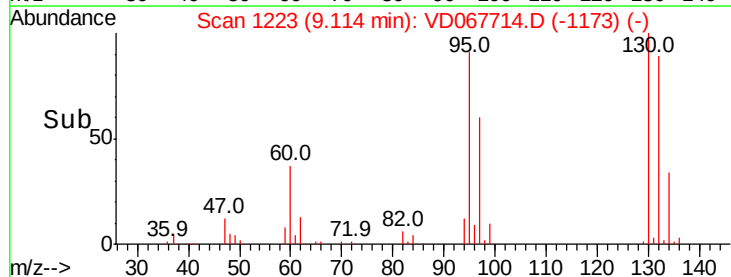
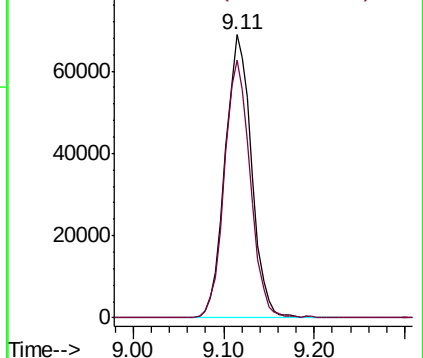
130 100

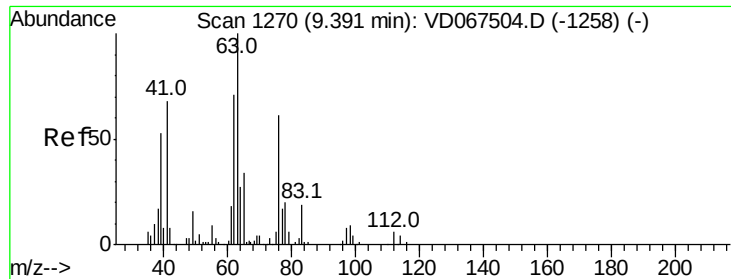
95 90.9 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

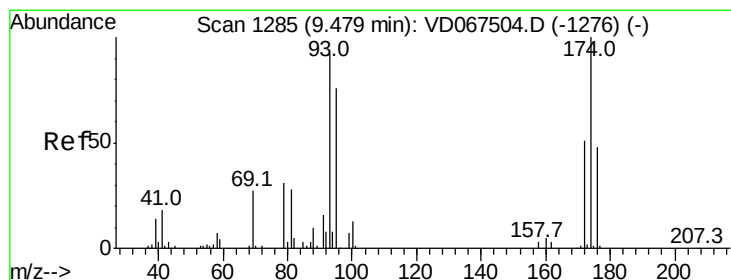
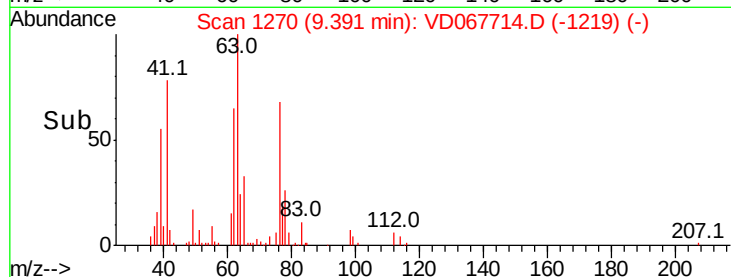
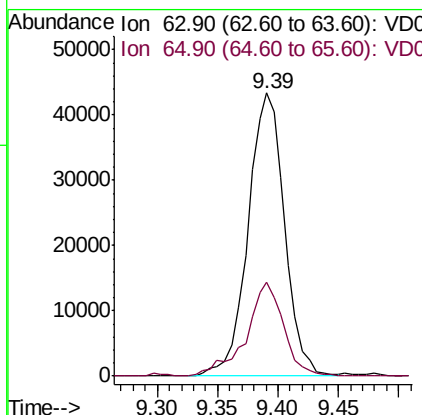
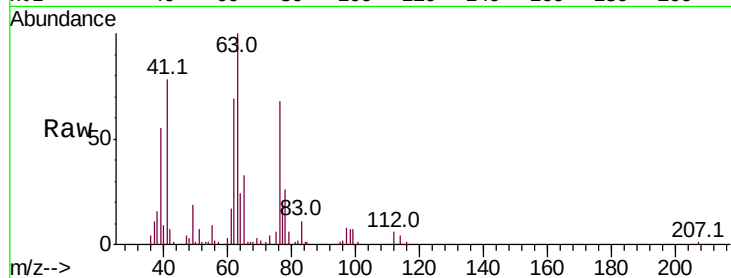




#45
 1,2-Dichloropropane
 Concen: 49.071 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

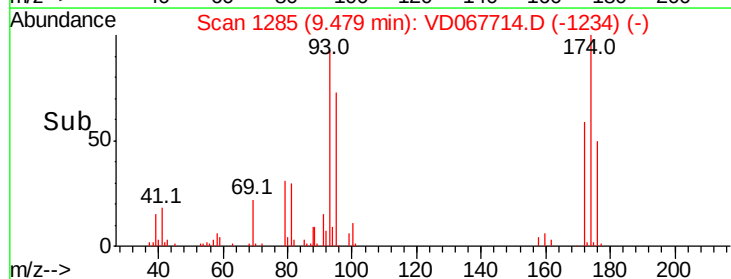
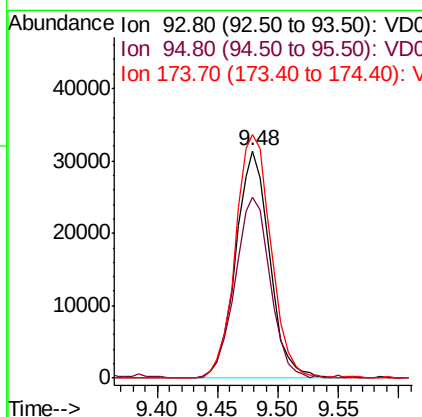
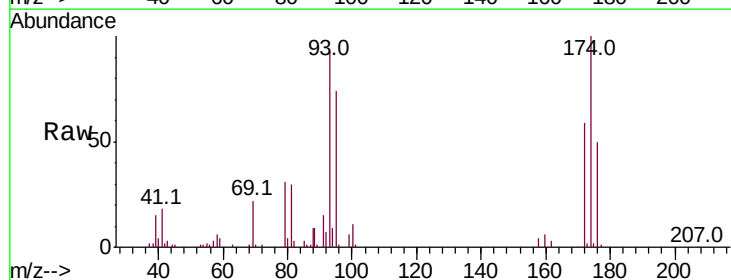
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

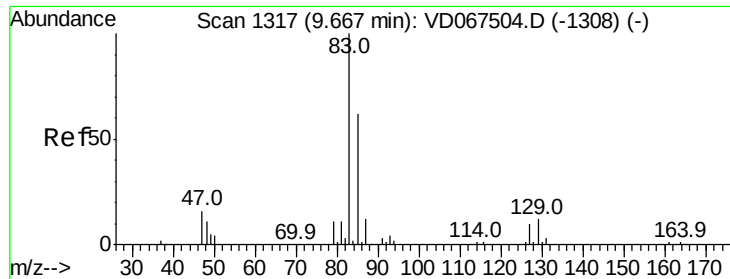
Tot Ion: 63 Resp: 91355
 Ion Ratio Lower Upper
 63 100
 65 33.0 26.9 40.3



#46
 Dibromomethane
 Concen: 51.671 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion: 93 Resp: 61164
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.4 99.6
 174 112.8 88.2 132.4





#47

Bromodichloromethane

Concen: 53.976 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

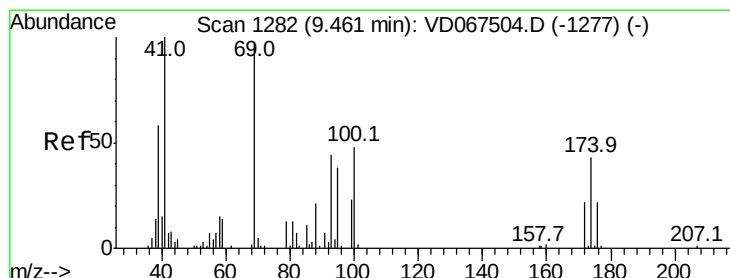
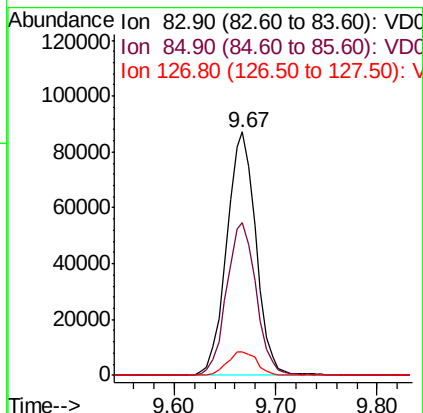
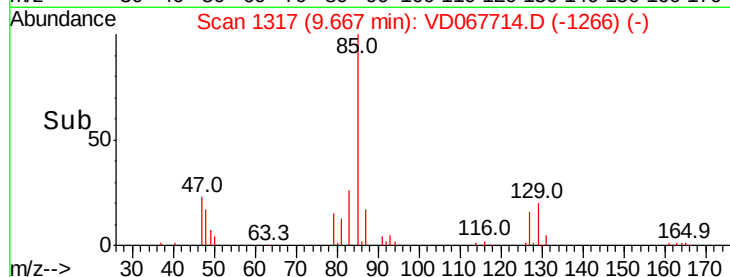
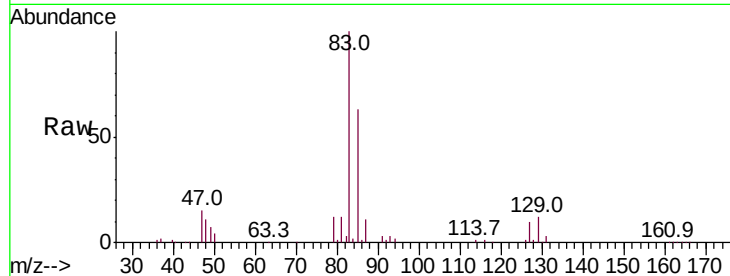
Tot Ion: 83 Resp: 173662

Ion Ratio Lower Upper

83 100

85 62.7 49.4 74.2

127 9.7 7.7 11.5



#48

Methyl methacrylate

Concen: 49.938 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

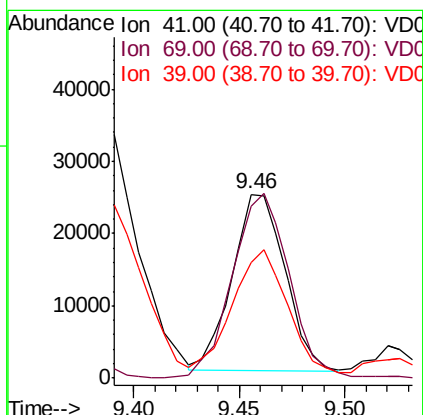
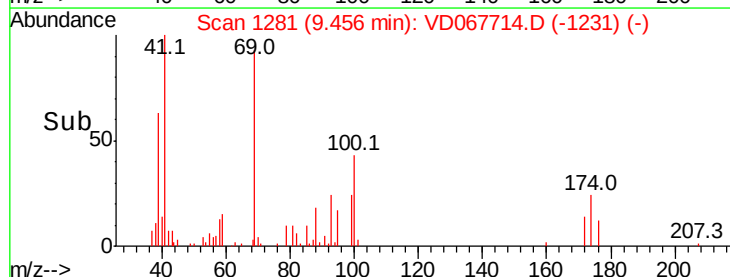
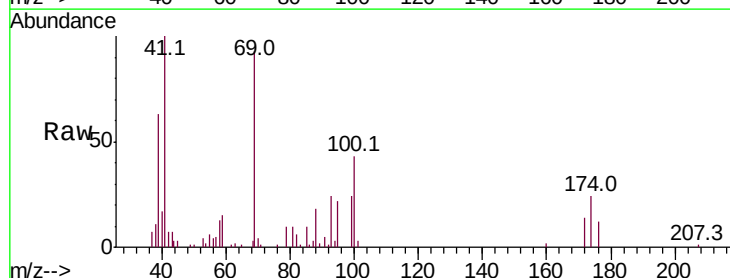
Tgt Ion: 41 Resp: 42084

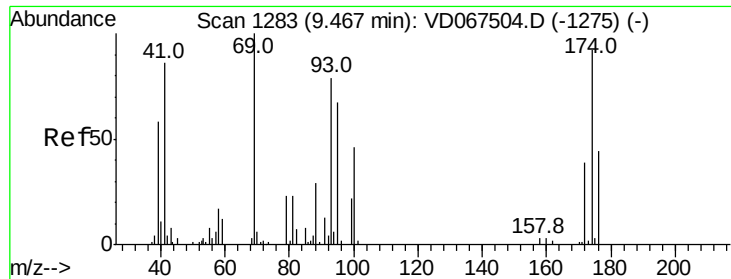
Ion Ratio Lower Upper

41 100

69 113.9 80.6 121.0

39 72.2 50.2 75.4

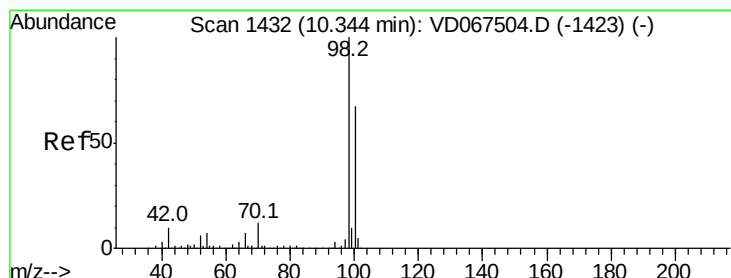
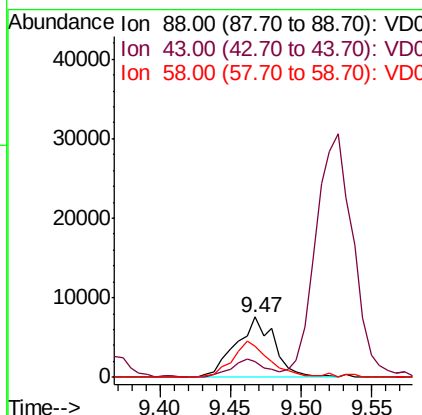
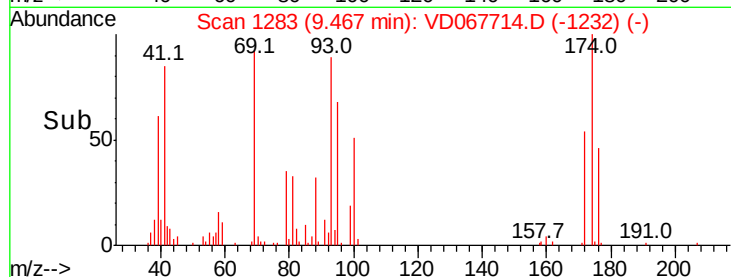
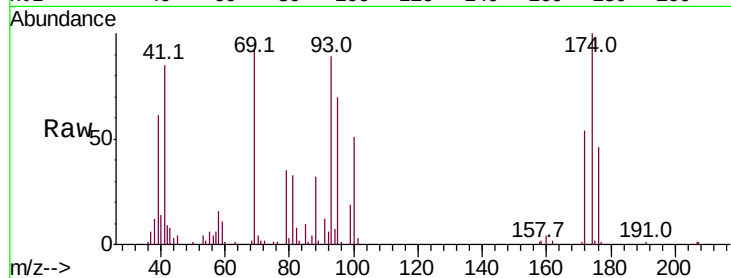




#49
1,4-Dioxane
Concen: 1206.224 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

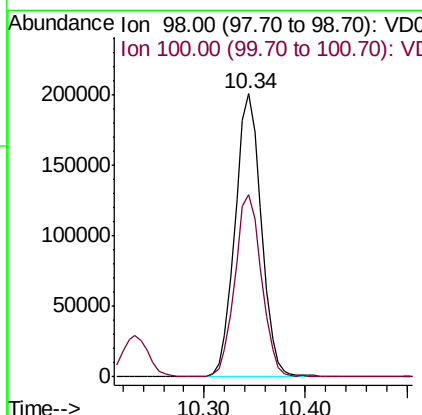
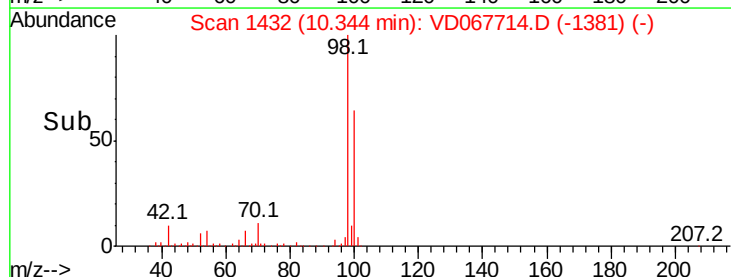
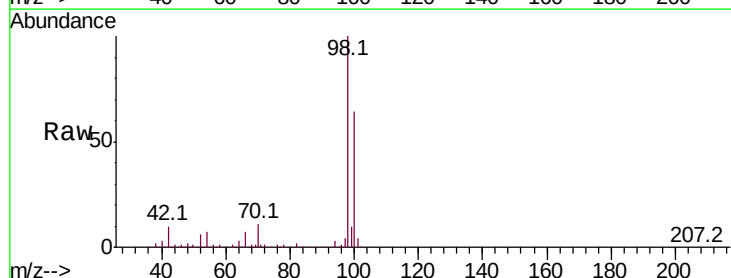
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

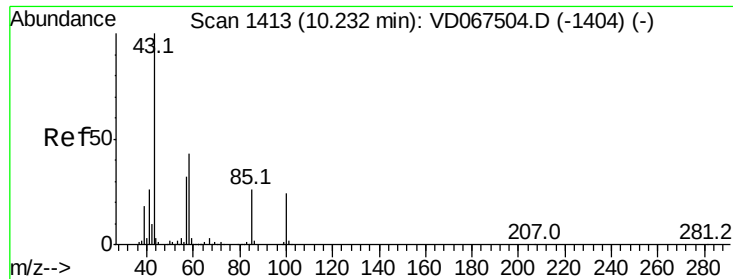
Tot Ion: 88 Resp: 14495
Ion Ratio Lower Upper
88 100
43 27.0 23.6 35.4
58 56.8 44.7 67.1



#50
Toluene-d8
Concen: 45.992 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion: 98 Resp: 361638
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6

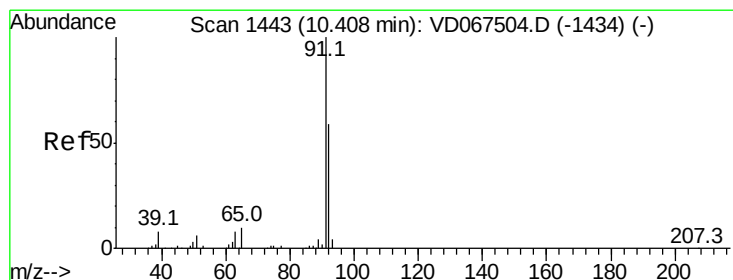
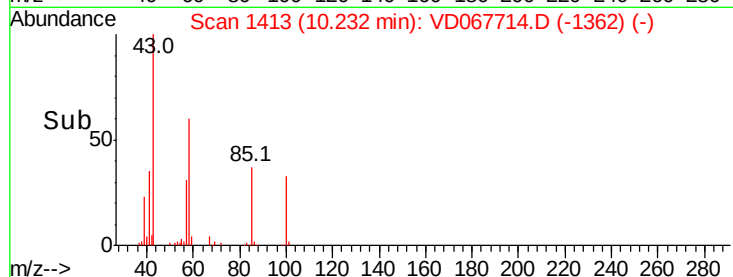
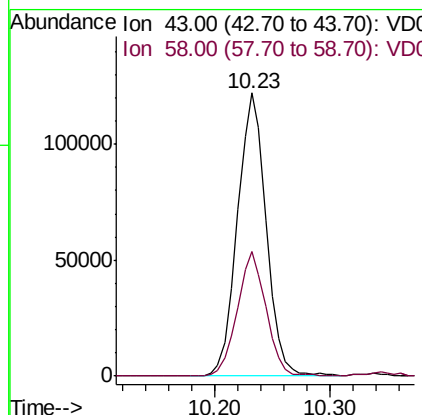
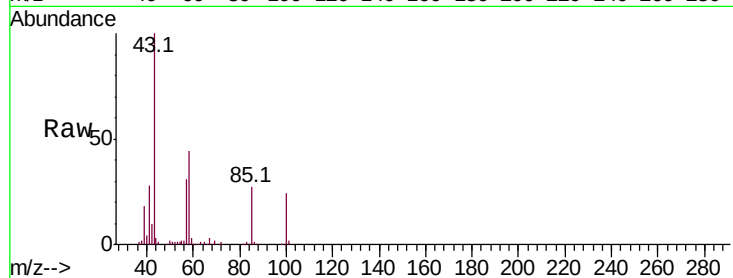




#51
4-Methyl-2-Pentanone
Concen: 269.535 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

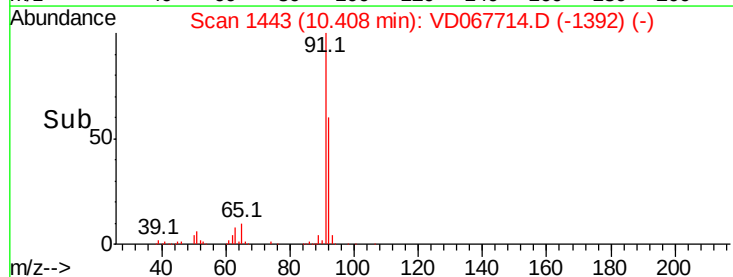
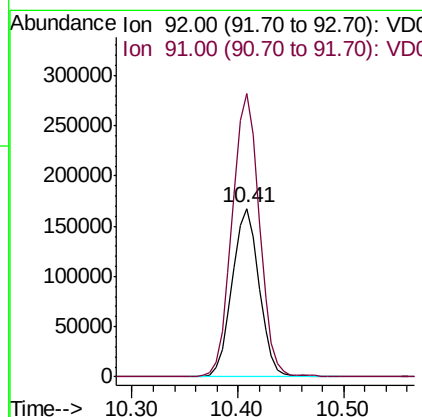
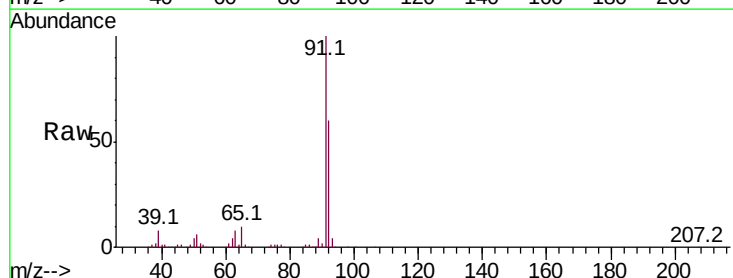
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

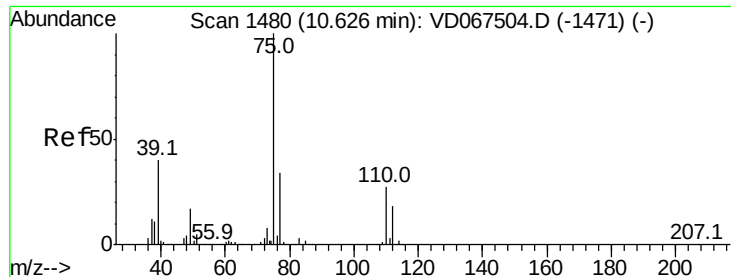
Tot Ion: 43 Resp: 210396
Ion Ratio Lower Upper
43 100
58 44.1 35.6 53.4



#52
Toluene
Concen: 51.315 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion: 92 Resp: 295961
Ion Ratio Lower Upper
92 100
91 169.1 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 52.690 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

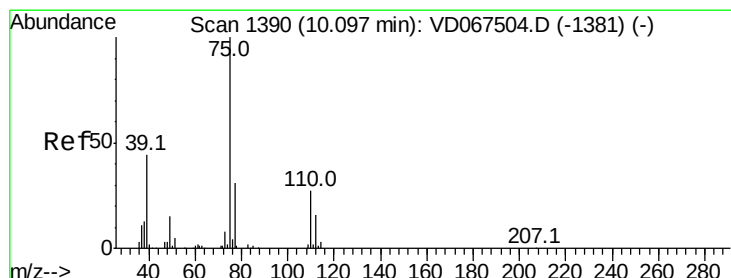
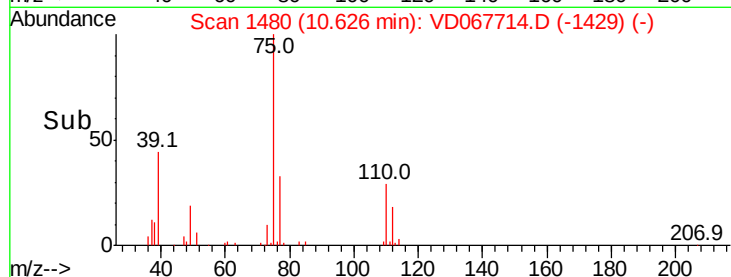
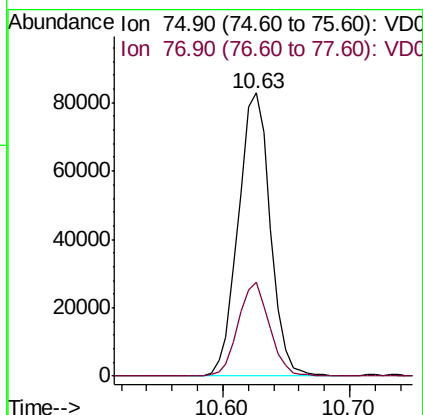
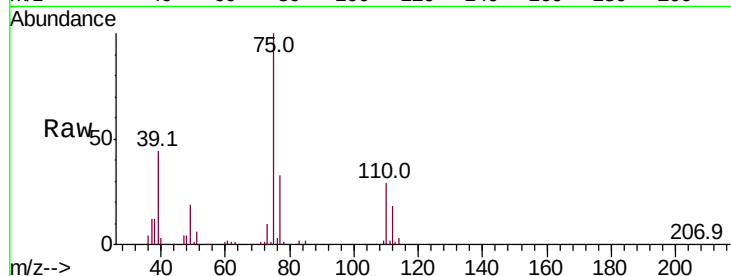
VSTDCCC050EC

Tot Ion: 75 Resp: 145189

Ion Ratio Lower Upper

75 100

77 33.4 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 51.077 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

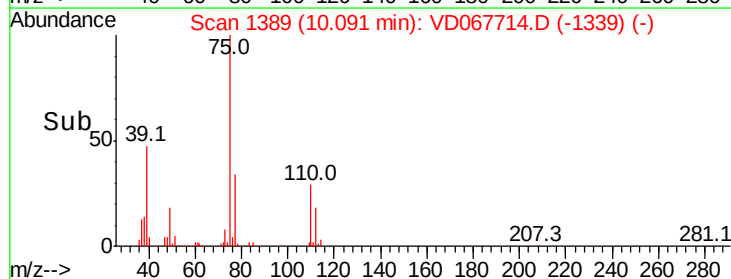
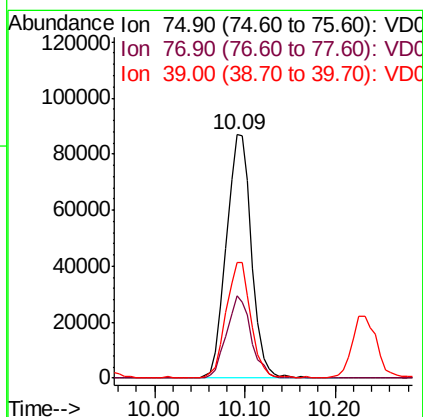
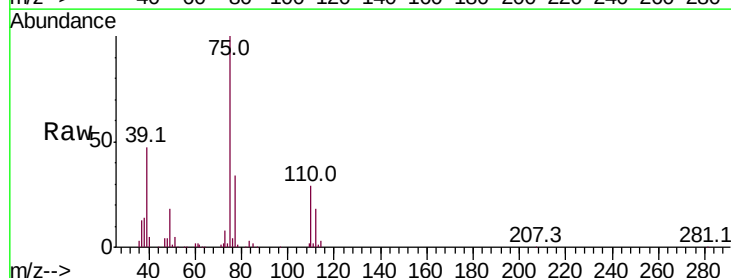
Tgt Ion: 75 Resp: 167221

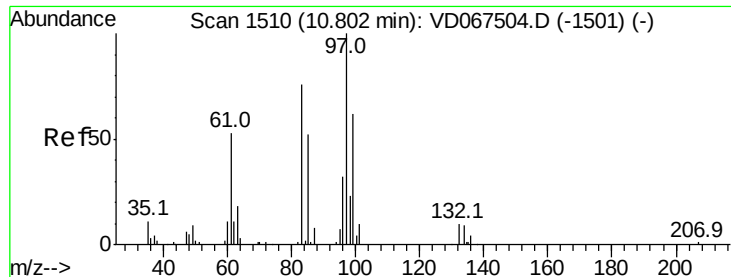
Ion Ratio Lower Upper

75 100

77 33.9 24.4 36.6

39 47.1 35.6 53.4

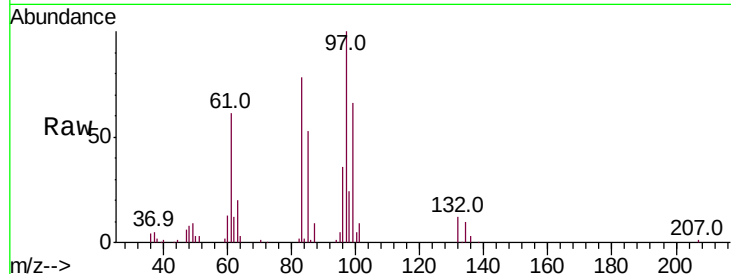




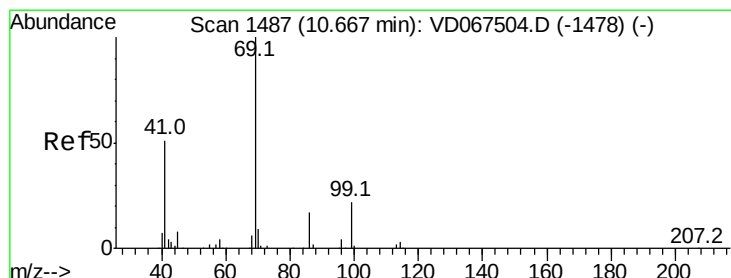
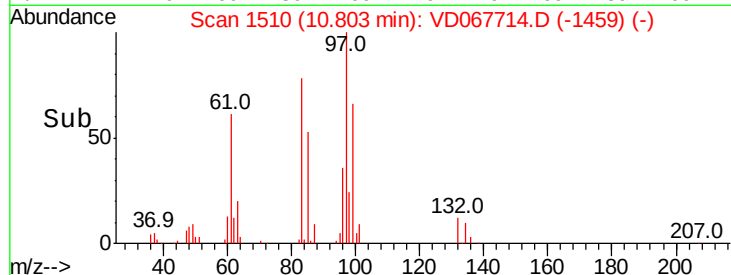
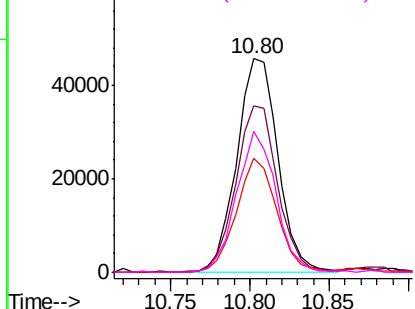
#55
 1,1,2-Trichloroethane
 Concen: 52.685 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	82516
Ion	Ratio	Lower	Upper
97	100		
83	77.4	61.0	91.6
85	53.1	41.5	62.3
99	66.1	49.4	74.2

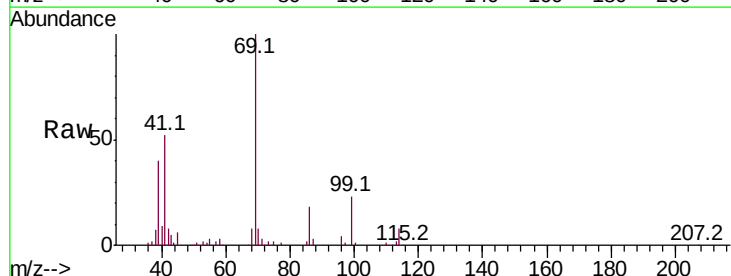


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

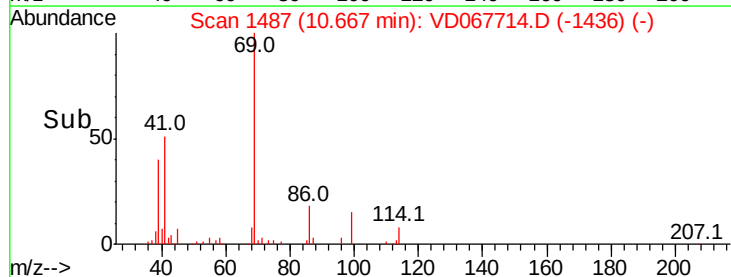
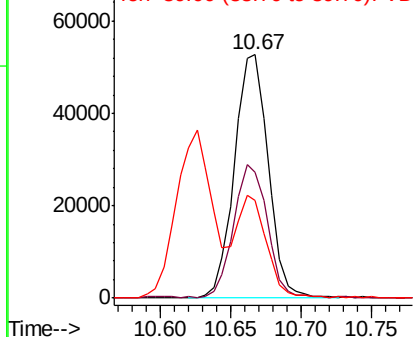


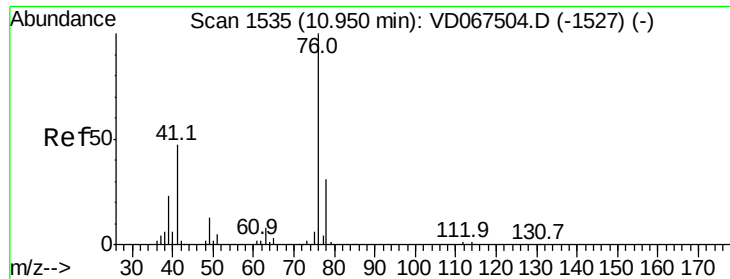
#56
 Ethyl methacrylate
 Concen: 54.588 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion:	69	Resp:	88289
Ion	Ratio	Lower	Upper
69	100		
41	55.3	45.4	68.0
39	35.5	27.4	41.0



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: 51.659 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

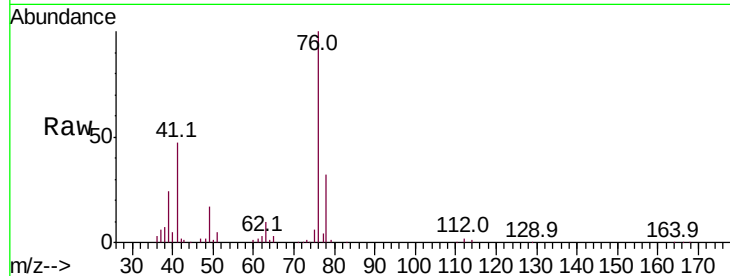
VSTDCCC050EC

Tot Ion: 76 Resp: 130198

Ion Ratio Lower Upper

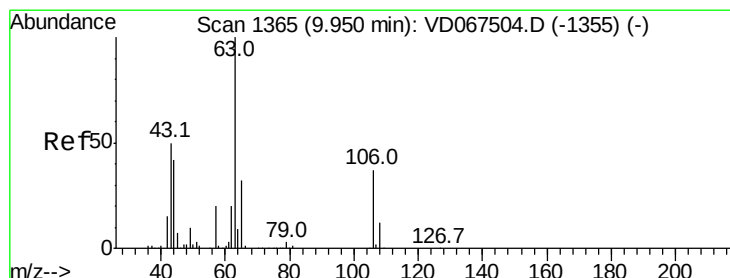
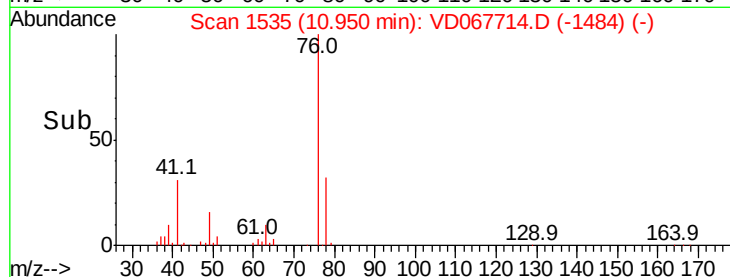
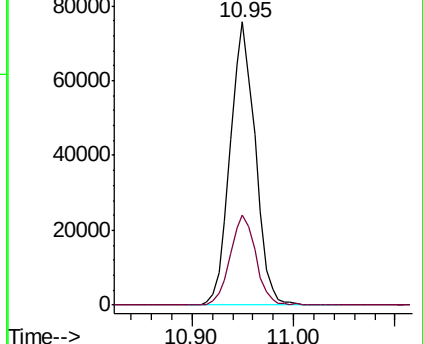
76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 257.184 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067714.D

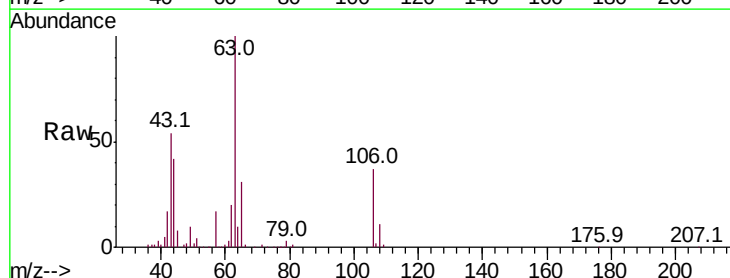
Acq: 19 Nov 2020 17:53

Tgt Ion: 63 Resp: 193976

Ion Ratio Lower Upper

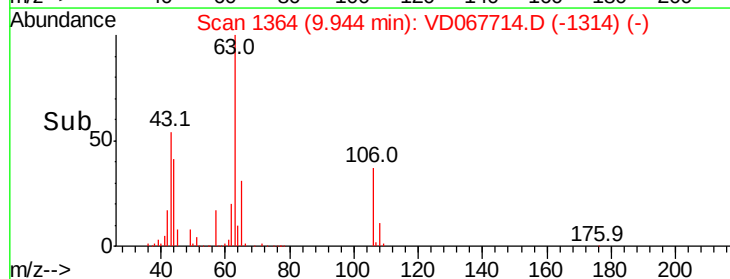
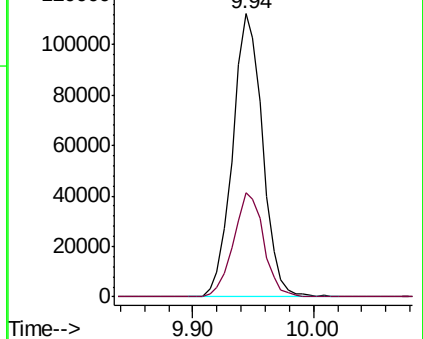
63 100

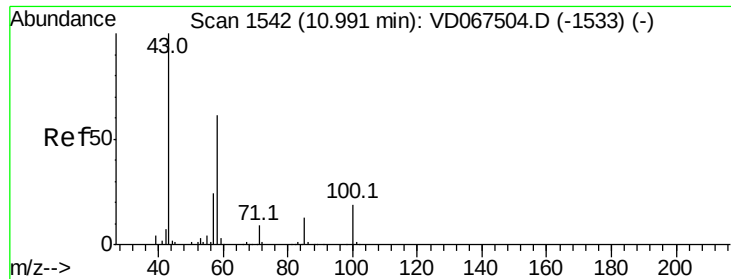
106 37.3 29.2 43.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

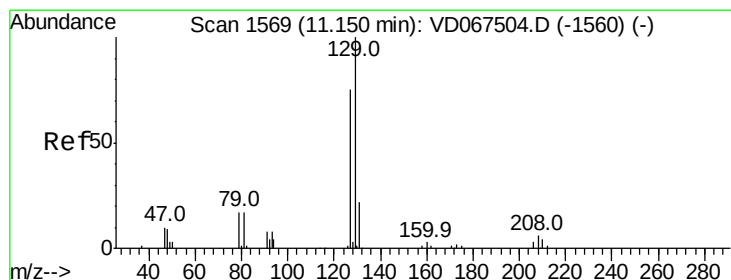
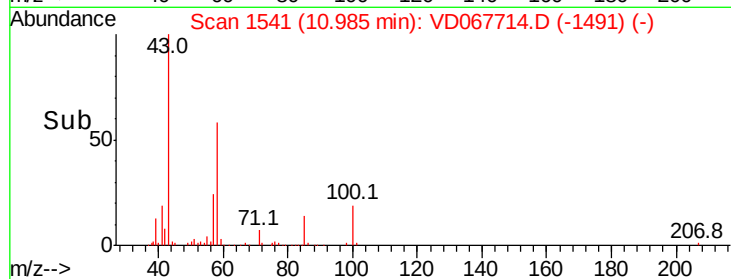
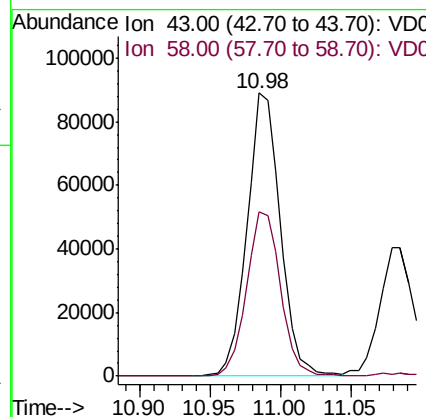
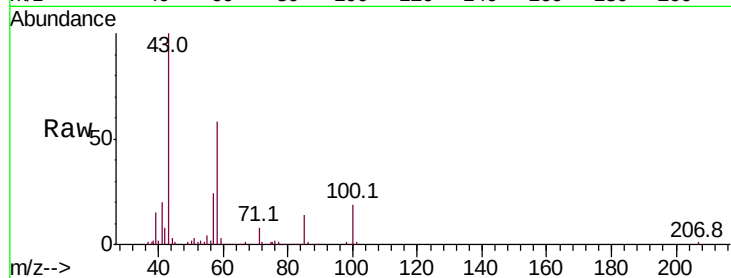




#59
2-Hexanone
Concen: 270.119 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

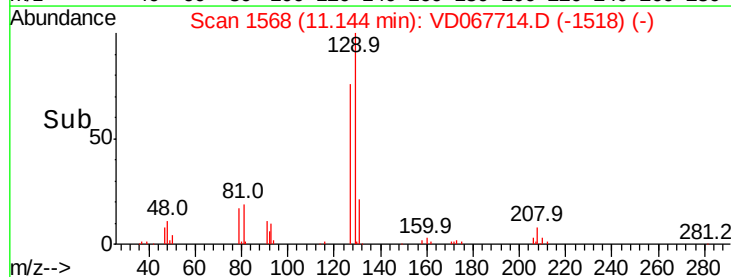
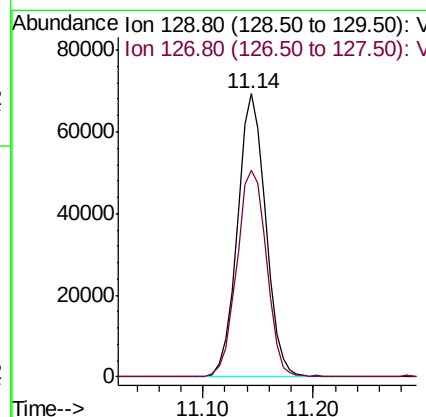
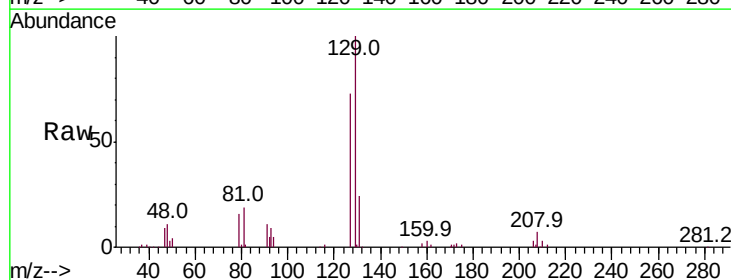
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

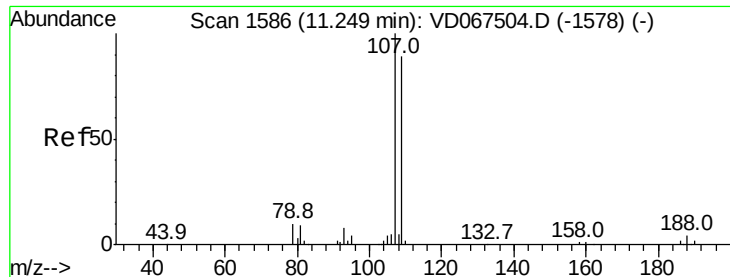
Tot Ion: 43 Resp: 147428
Ion Ratio Lower Upper
43 100
58 59.2 30.3 90.9



#60
Dibromochloromethane
Concen: 53.727 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion:129 Resp: 124478
Ion Ratio Lower Upper
129 100
127 76.9 38.0 114.1

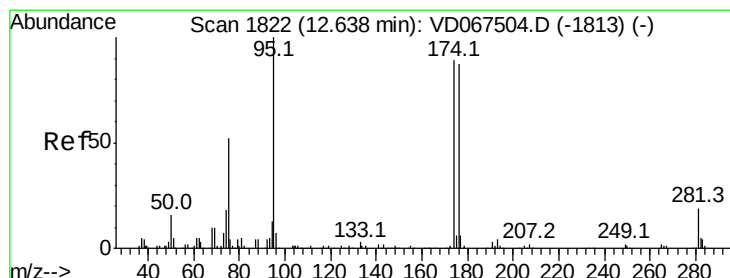
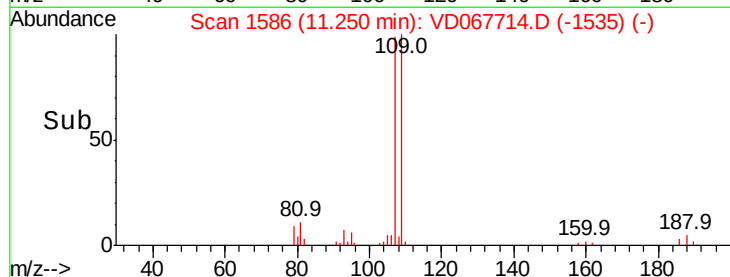
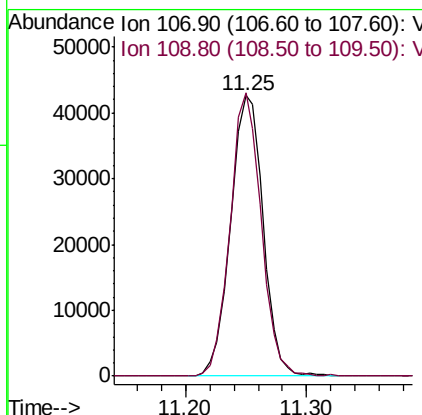
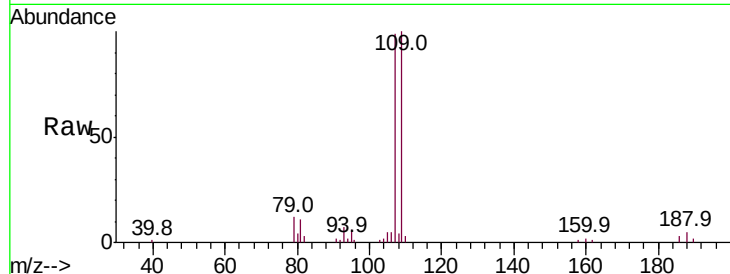




#61
 1,2-Dibromoethane
 Concen: 50.827 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

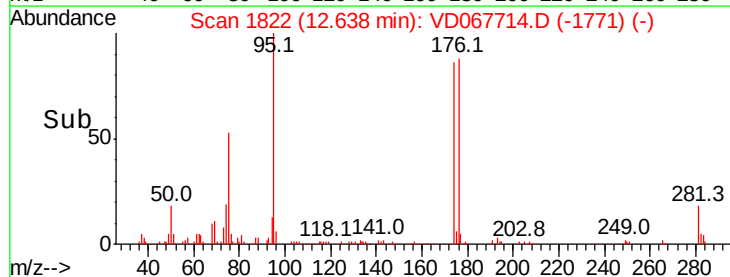
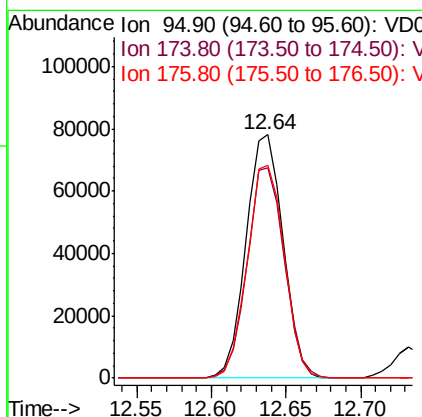
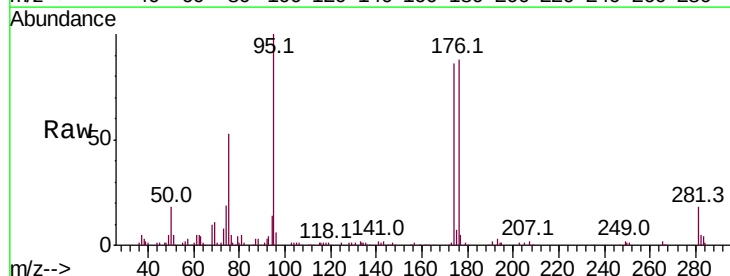
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

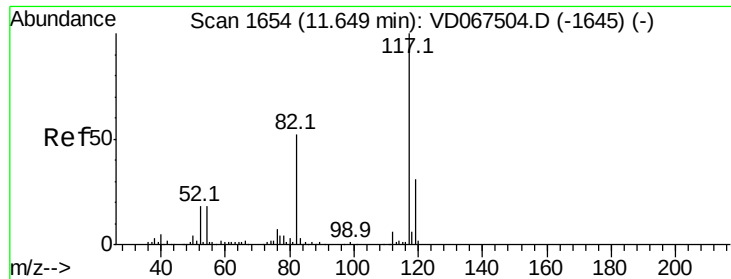
Tot Ion:107 Resp: 79895
 Ion Ratio Lower Upper
 107 100
 109 96.3 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 49.093 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion: 95 Resp: 133271
 Ion Ratio Lower Upper
 95 100
 174 87.2 0.0 177.8
 176 87.6 0.0 172.0

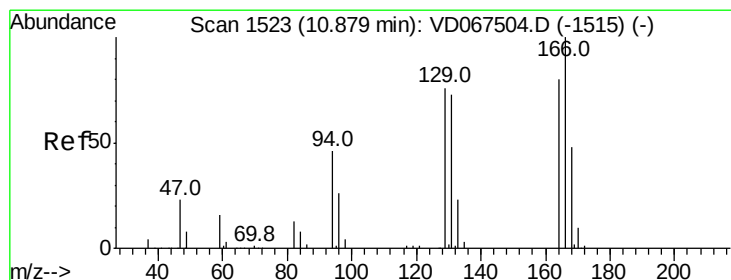
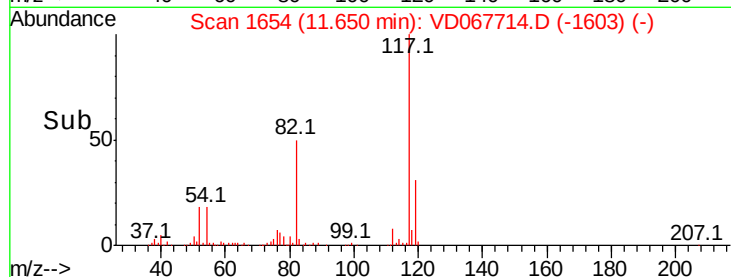
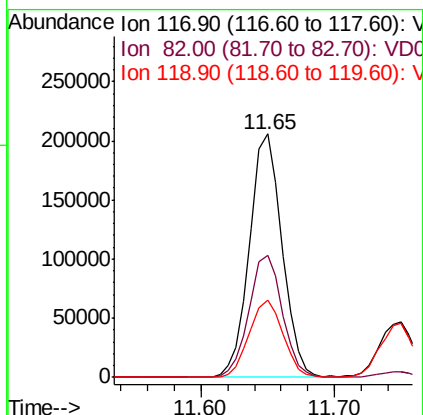
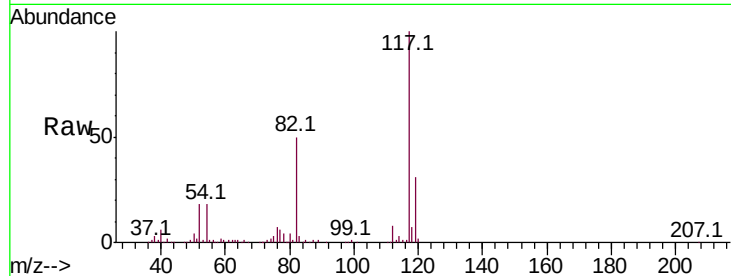




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

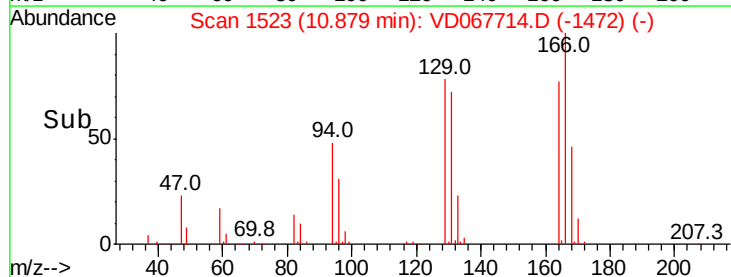
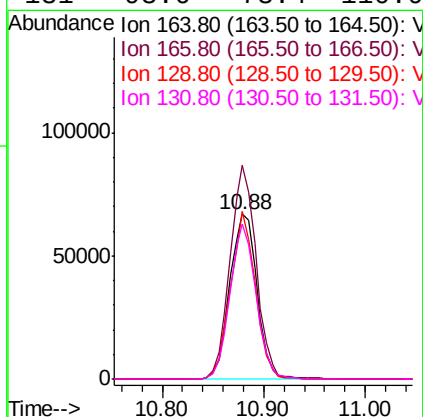
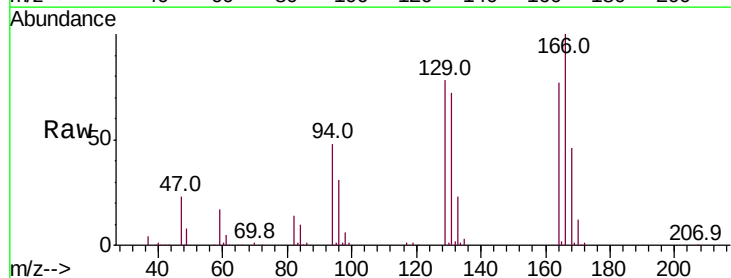
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

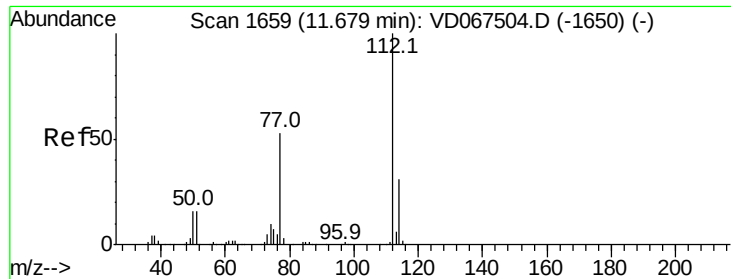
Tot Ion:117 Resp: 347343
Ion Ratio Lower Upper
117 100
82 50.2 41.6 62.4
119 31.5 25.1 37.7



#64
Tetrachloroethene
Concen: 48.258 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion:164 Resp: 124140
Ion Ratio Lower Upper
164 100
166 129.4 99.9 149.9
129 101.4 75.5 113.3
131 93.6 73.4 110.0





#65

Chlorobenzene

Concen: 48.678 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

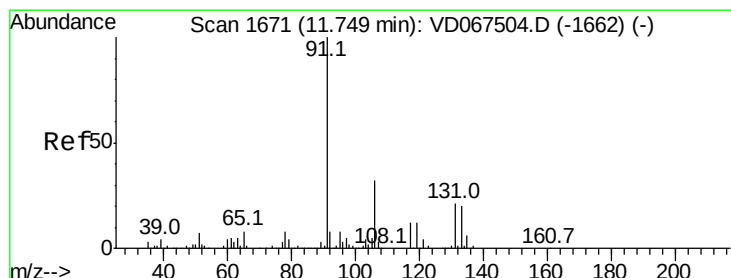
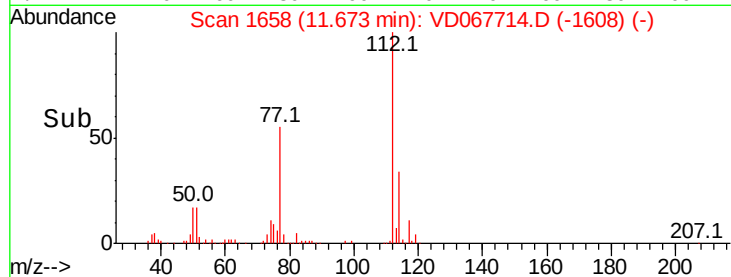
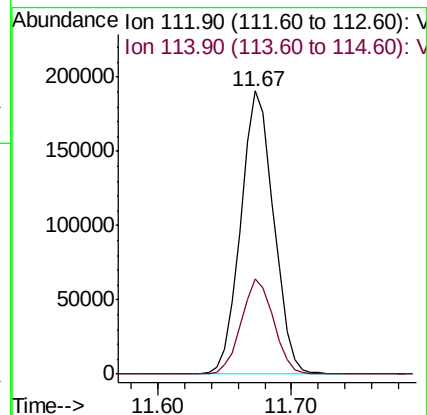
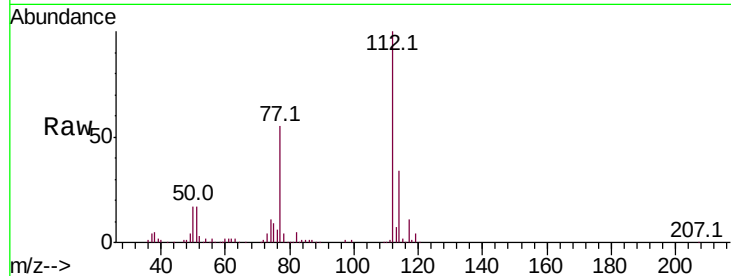
VSTDCCC050EC

Tot Ion:112 Resp: 325695

Ion Ratio Lower Upper

112 100

114 33.5 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.170 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

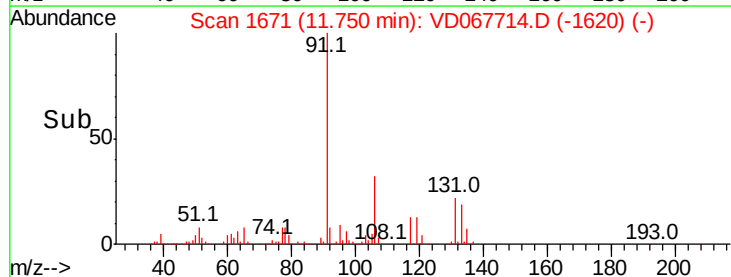
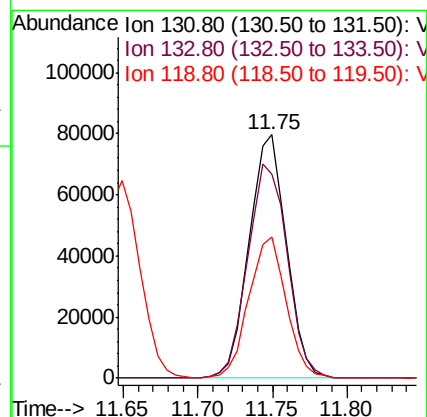
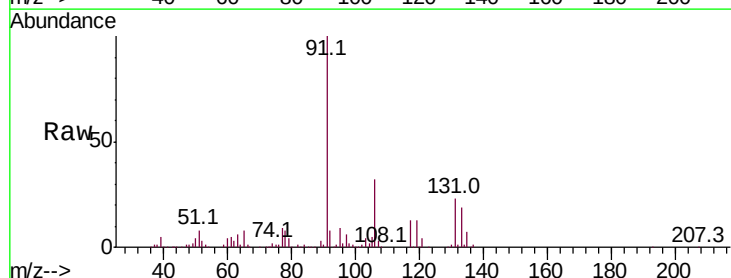
Tgt Ion:131 Resp: 137574

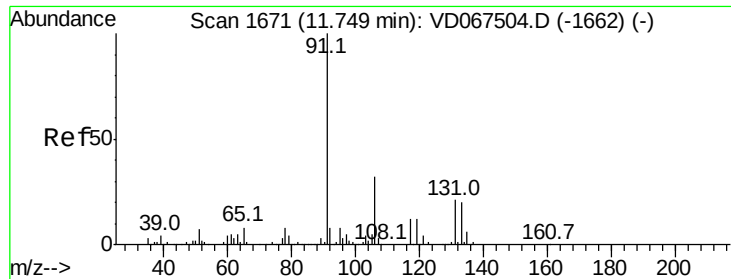
Ion Ratio Lower Upper

131 100

133 93.4 48.0 144.0

119 58.3 30.1 90.5





#67

Ethyl Benzene

Concen: 50.359 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

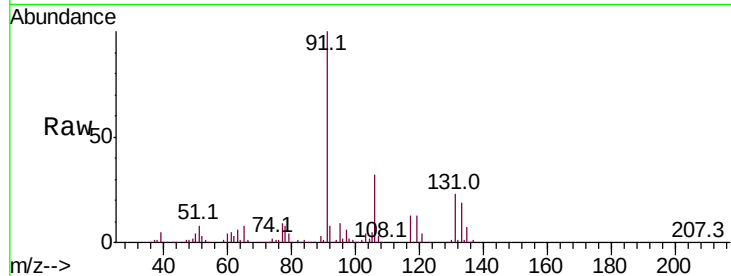
VSTDCCC050EC

Tot Ion: 91 Resp: 576572

Ion Ratio Lower Upper

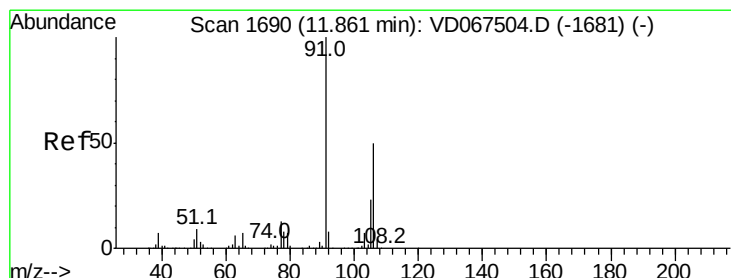
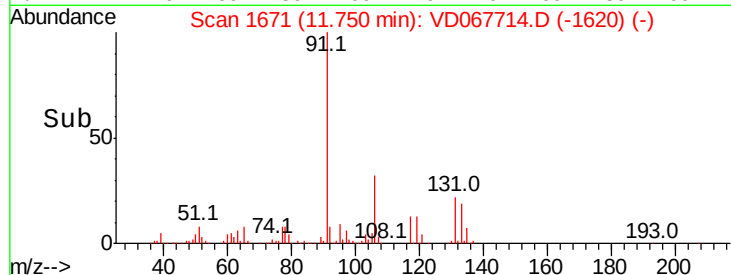
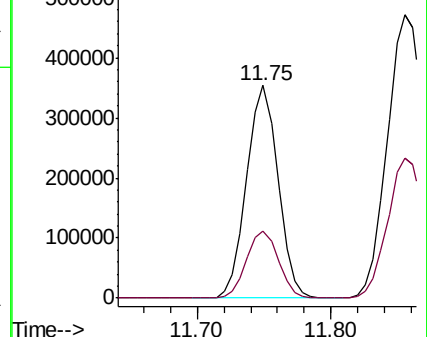
91 100

106 31.8 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 101.771 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067714.D

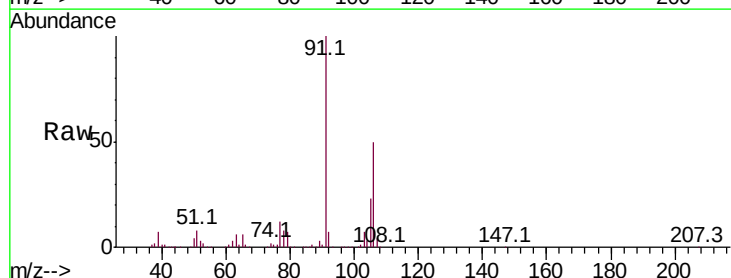
Acq: 19 Nov 2020 17:53

Tgt Ion: 106 Resp: 453316

Ion Ratio Lower Upper

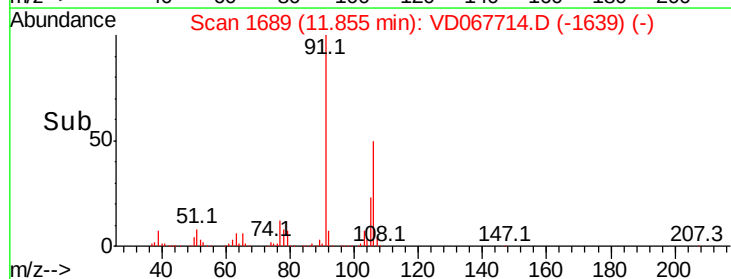
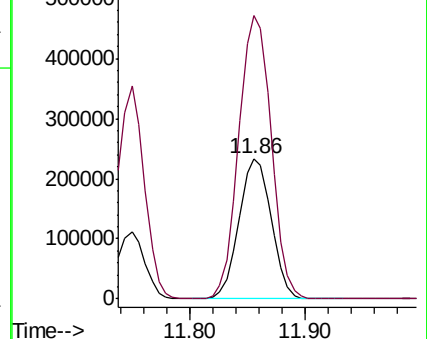
106 100

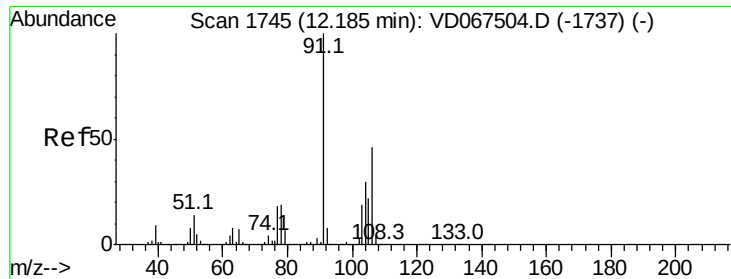
91 202.9 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

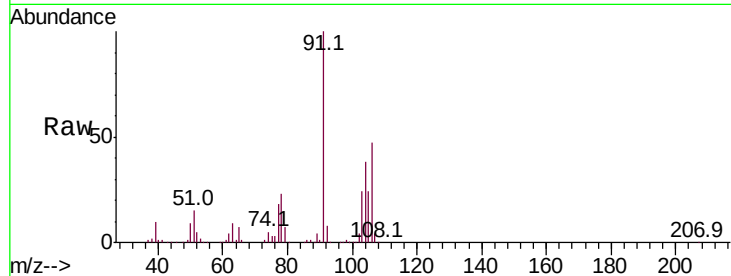




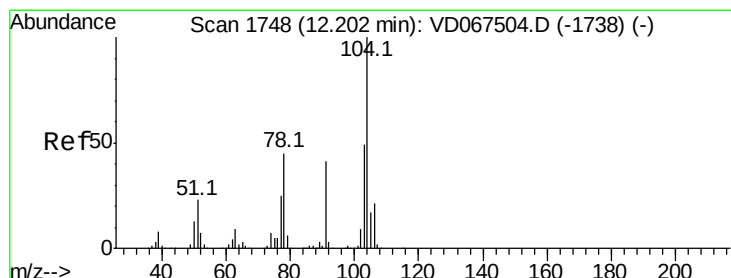
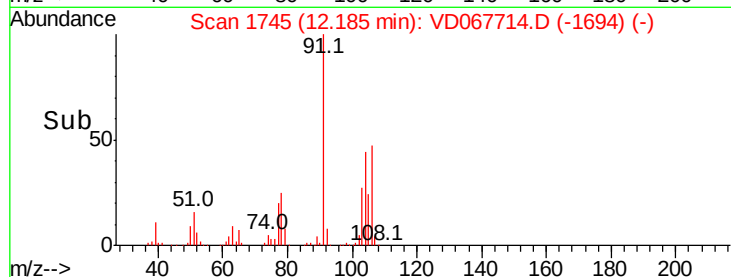
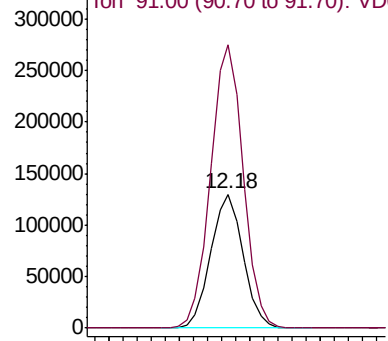
#69
o-Xylene
Concen: 52.492 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 208752
Ion Ratio Lower Upper
106 100
91 212.4 107.1 321.1

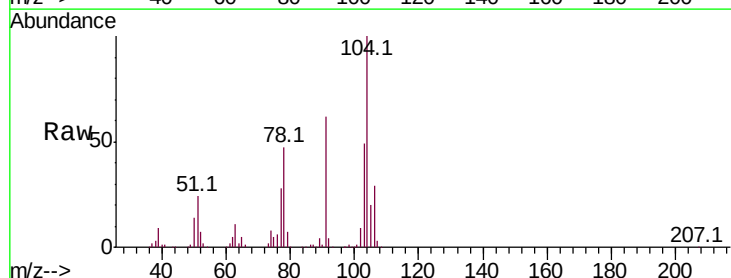


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

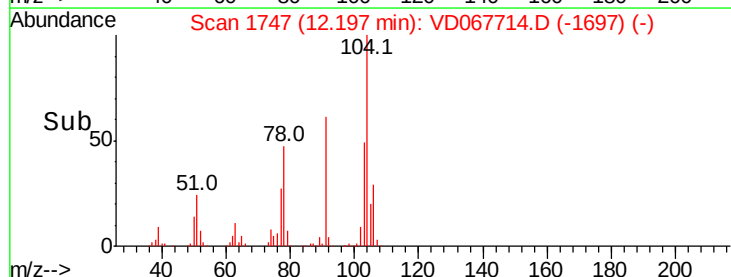
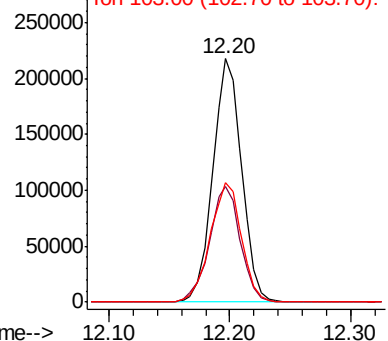


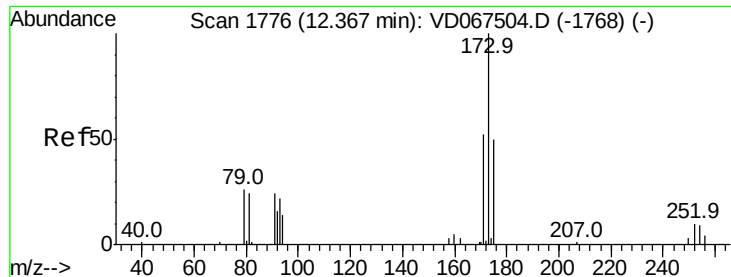
#70
Styrene
Concen: 52.209 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion:104 Resp: 361796
Ion Ratio Lower Upper
104 100
78 50.7 39.8 59.8
103 53.0 43.9 65.9



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





#71

Bromoform

Concen: 52.098 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

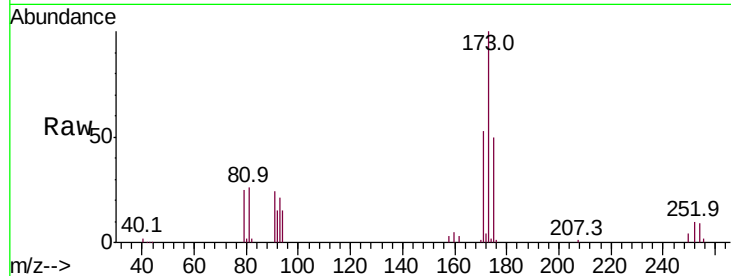
Tot Ion:173 Resp: 70068

Ion Ratio Lower Upper

173 100

175 50.2 24.1 72.2

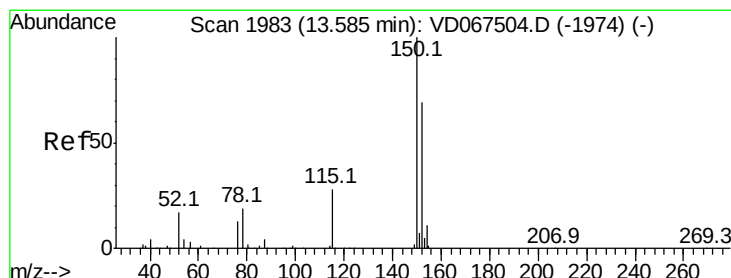
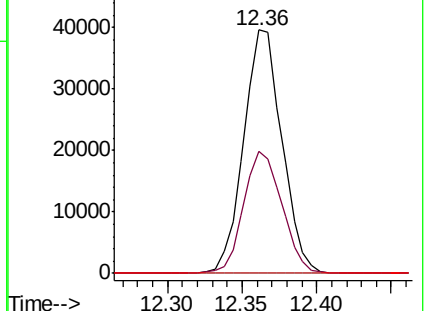
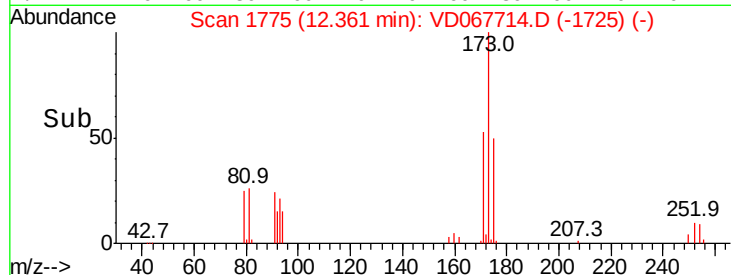
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

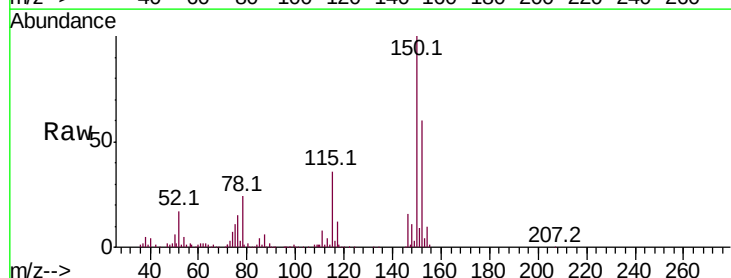
Tgt Ion:152 Resp: 177323

Ion Ratio Lower Upper

152 100

115 59.1 29.3 88.0

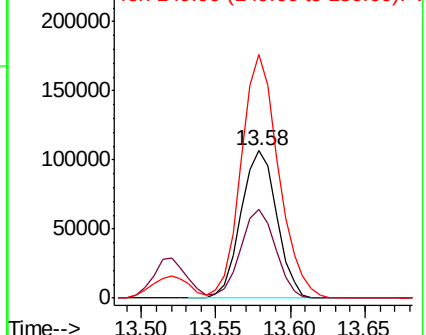
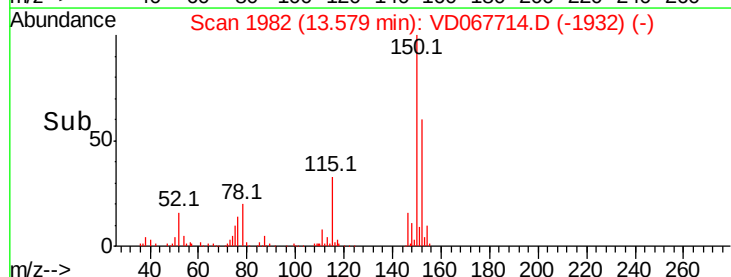
150 172.6 0.0 338.2

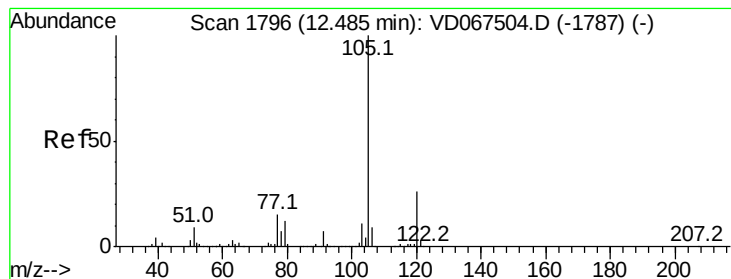


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.030 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

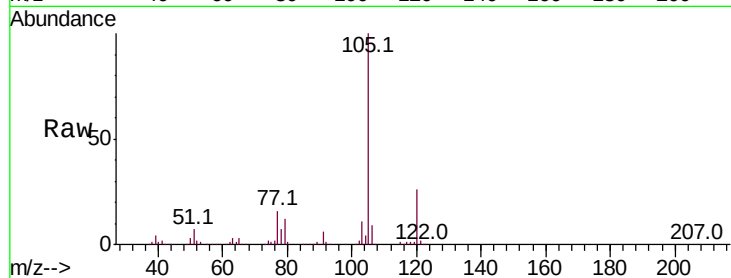
VSTDCCC050EC

Tot Ion:105 Resp: 584811

Ion Ratio Lower Upper

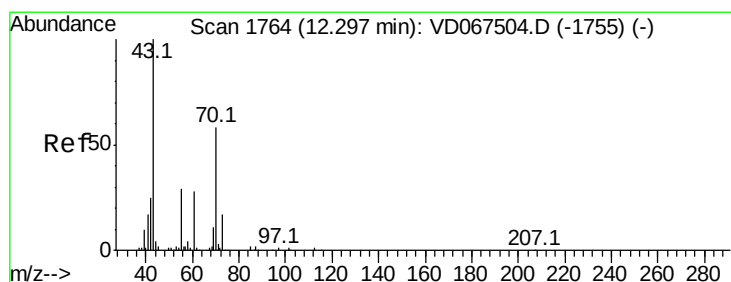
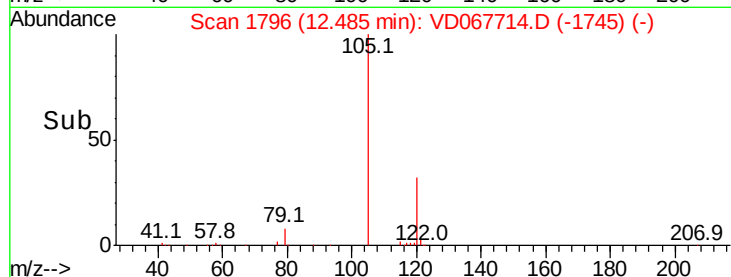
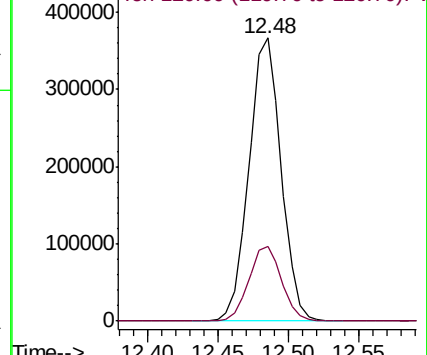
105 100

120 26.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.750 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Tgt Ion: 43 Resp: 75021

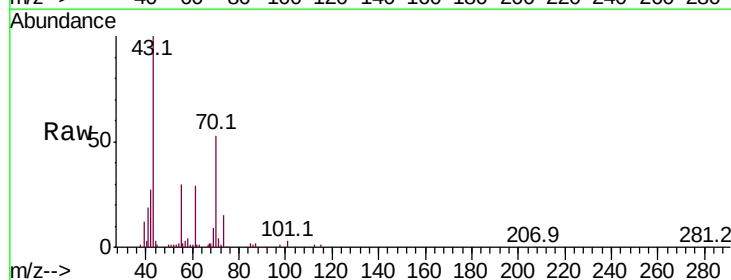
Ion Ratio Lower Upper

43 100

70 53.8 42.6 64.0

55 29.7 23.7 35.5

61 28.9 21.9 32.9

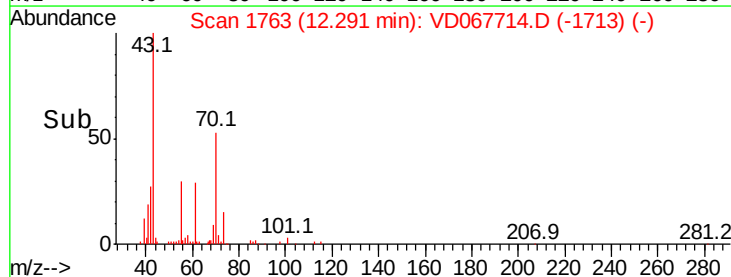
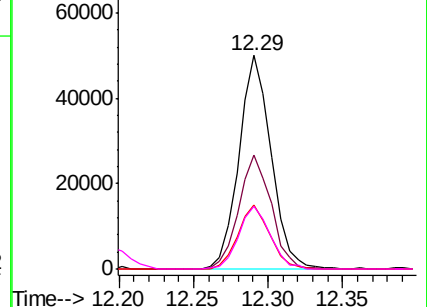


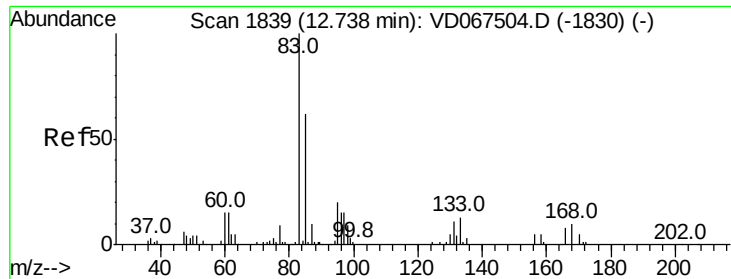
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.344 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

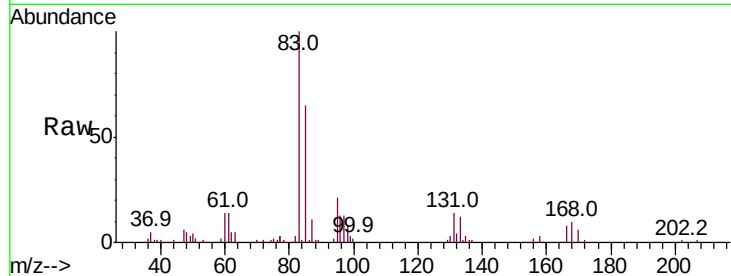
Tot Ion: 83 Resp: 78673

Ion Ratio Lower Upper

83 100

131 13.8 7.1 21.3

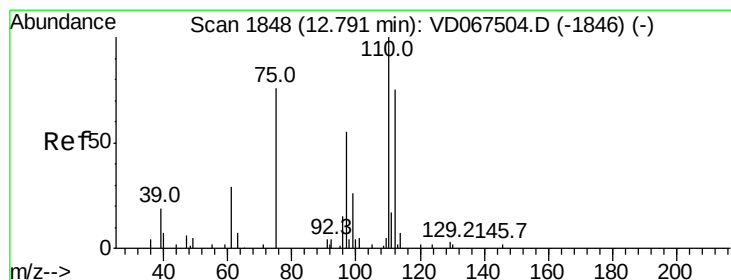
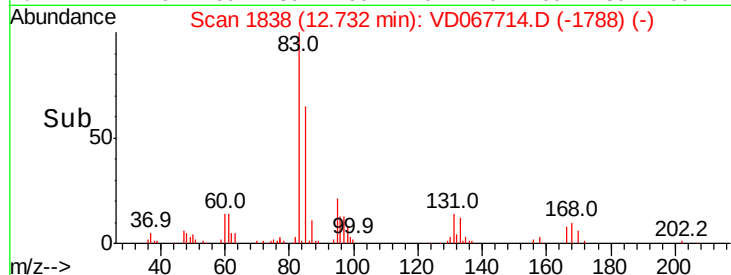
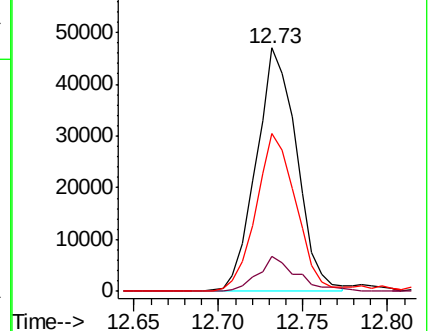
85 64.0 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 103.692 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD067714.D

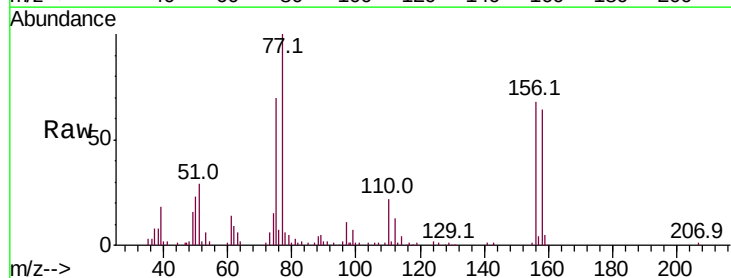
Acq: 19 Nov 2020 17:53

Tgt Ion: 75 Resp: 110921

Ion Ratio Lower Upper

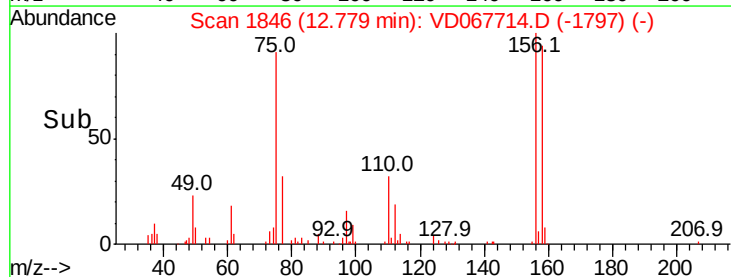
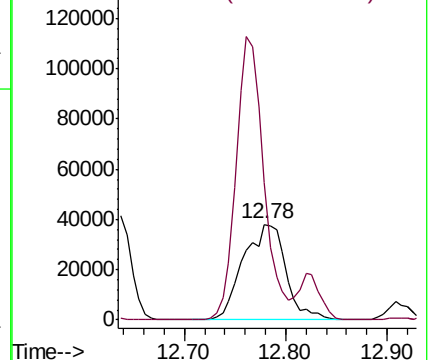
75 100

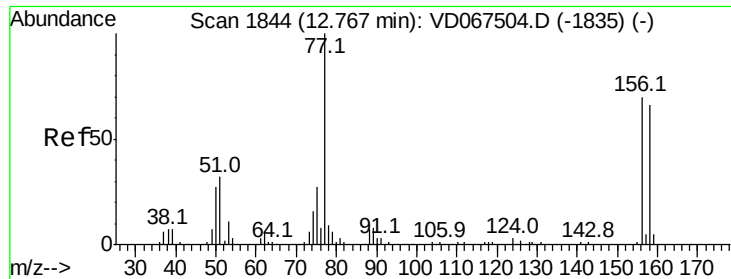
77 192.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.223 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

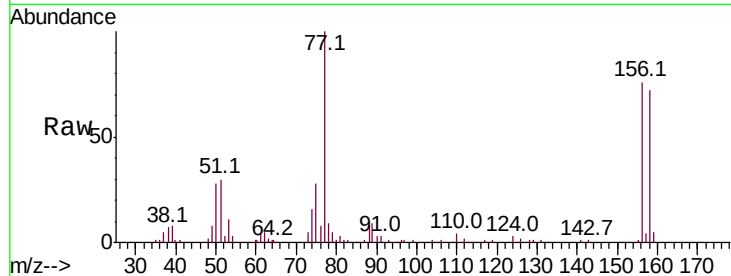
Tot Ion:156 Resp: 141350

Ion Ratio Lower Upper

156 100

77 151.1 77.8 233.5

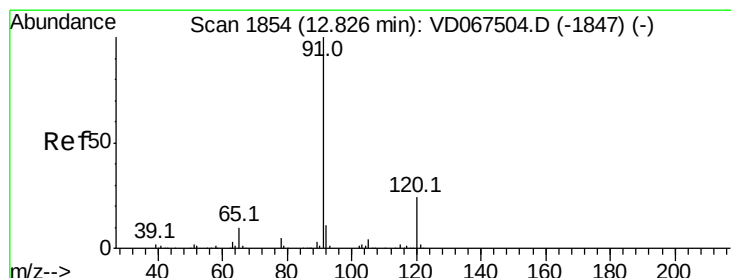
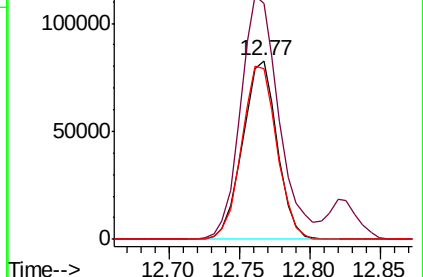
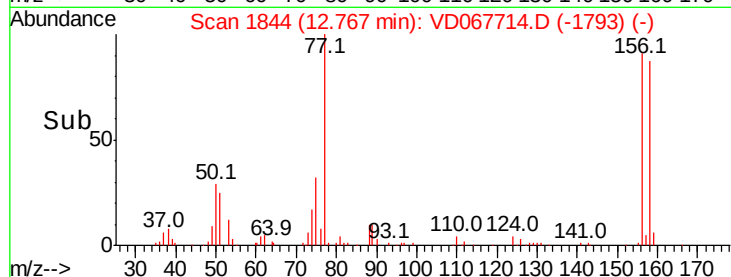
158 98.9 47.9 143.7



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: 49.768 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067714.D

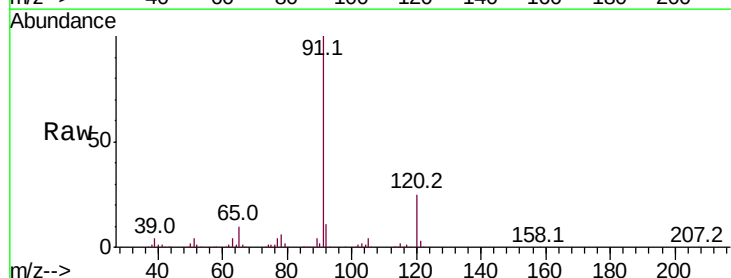
Acq: 19 Nov 2020 17:53

Tgt Ion: 91 Resp: 652380

Ion Ratio Lower Upper

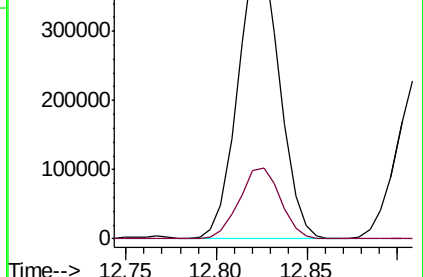
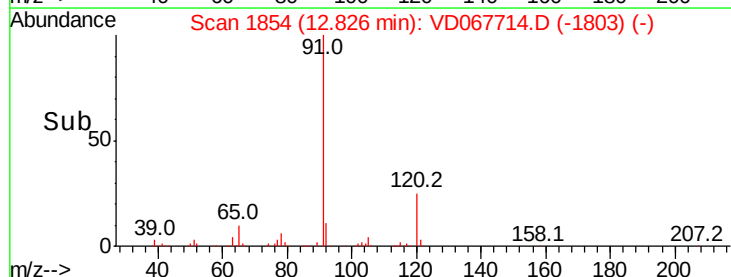
91 100

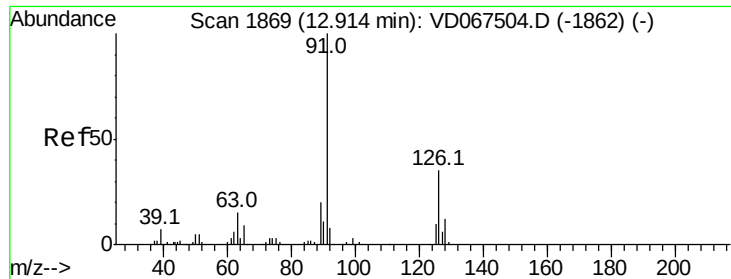
120 24.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

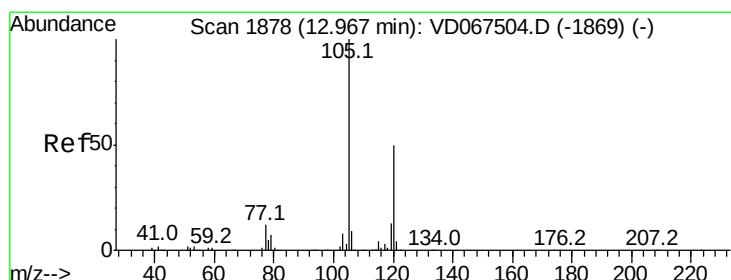
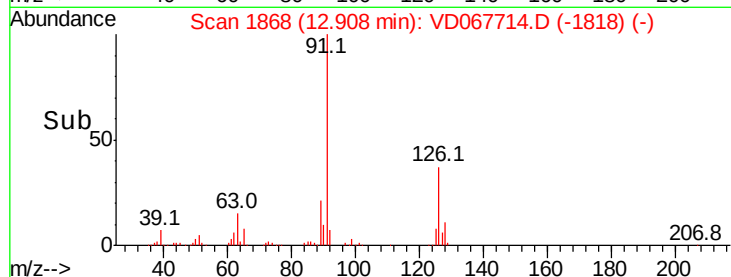
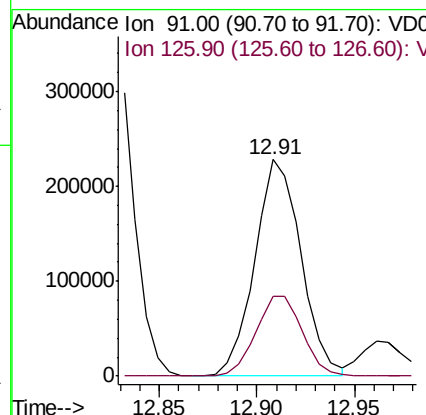
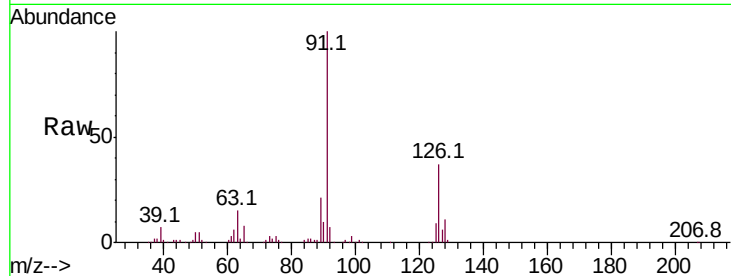




#79
 2-Chlorotoluene
 Concen: 50.353 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

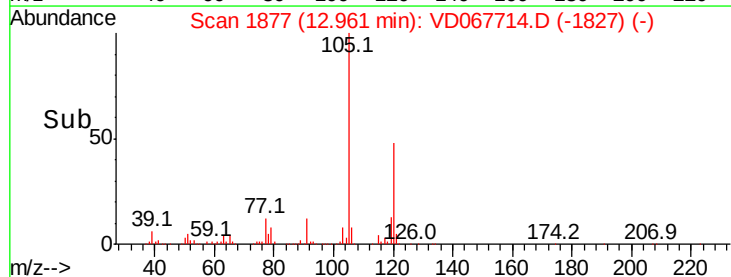
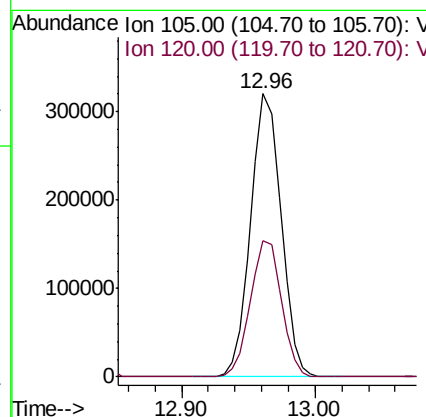
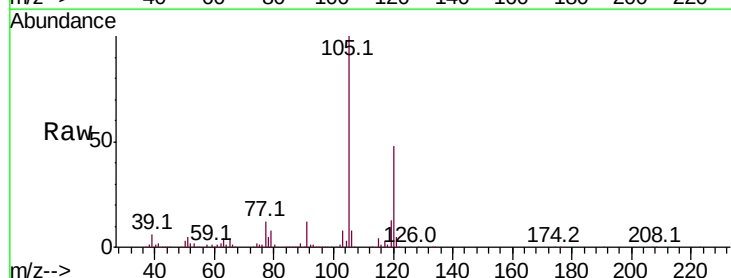
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

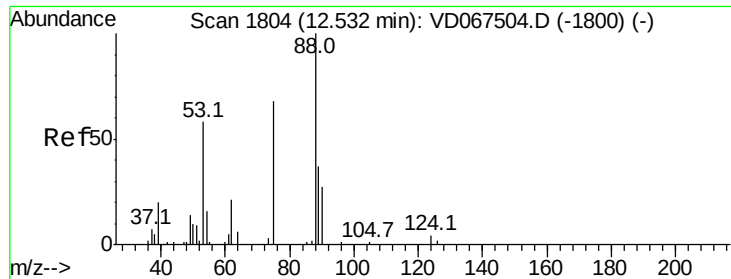
Tot Ion: 91 Resp: 374939
 Ion Ratio Lower Upper
 91 100
 126 37.3 17.8 53.4



#80
 1,3,5-Trimethylbenzene
 Concen: 51.571 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion: 105 Resp: 504871
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.168 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

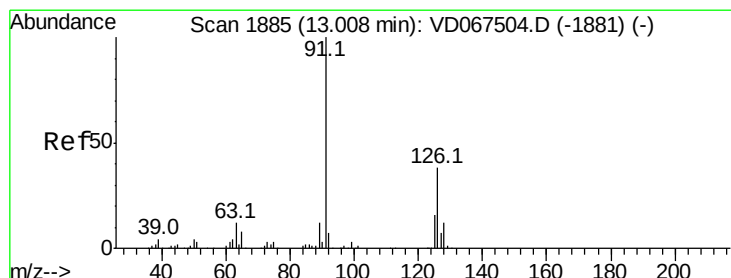
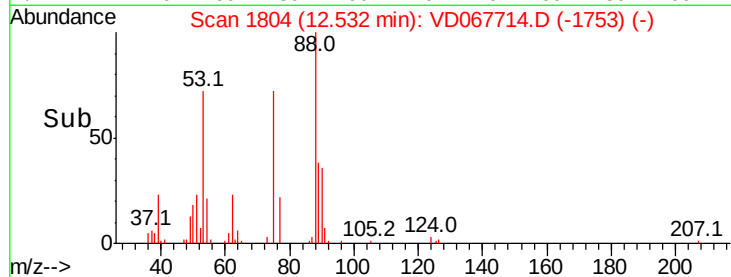
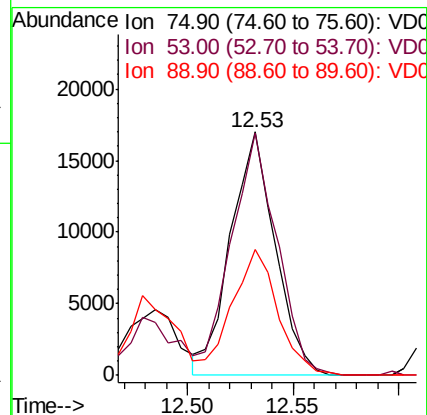
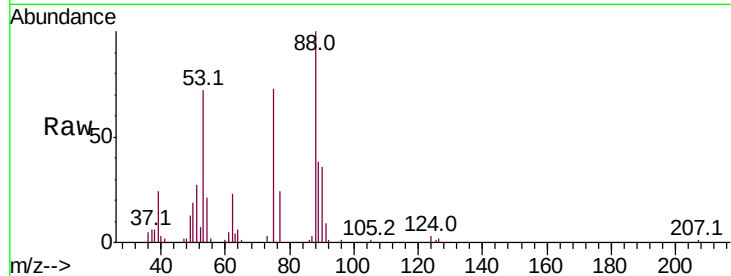
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 24852

Ion	Ratio	Lower	Upper
75	100		
53	102.5	75.9	113.9
89	53.5	44.6	67.0



#82

4-Chlorotoluene

Concen: 50.259 ug/l

RT: 13.01 min Scan# 1885

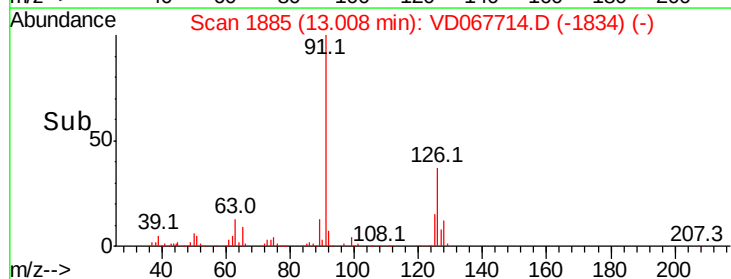
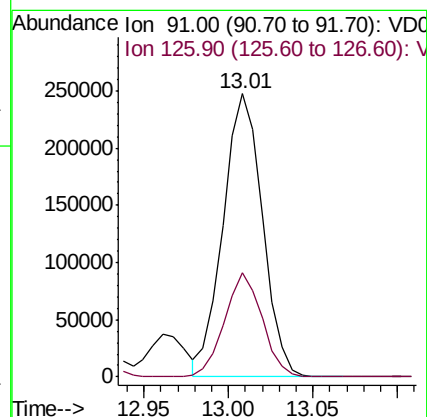
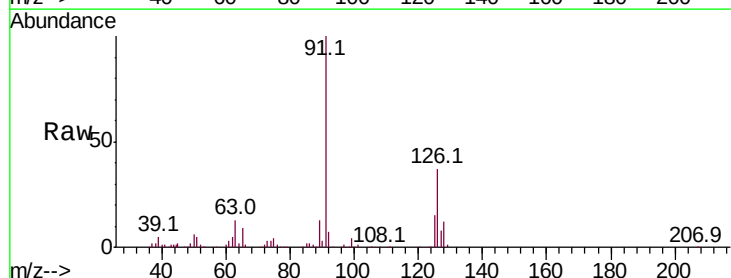
Delta R.T. 0.00 min

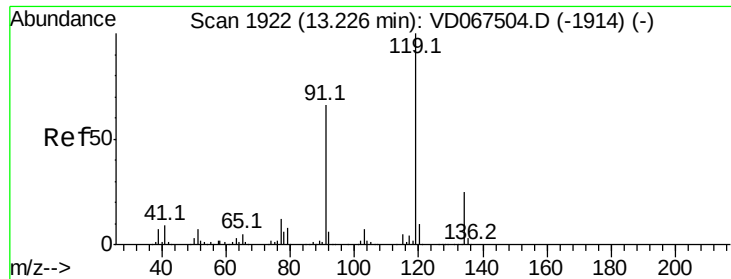
Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Tgt Ion: 91 Resp: 401370

Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.9	53.7

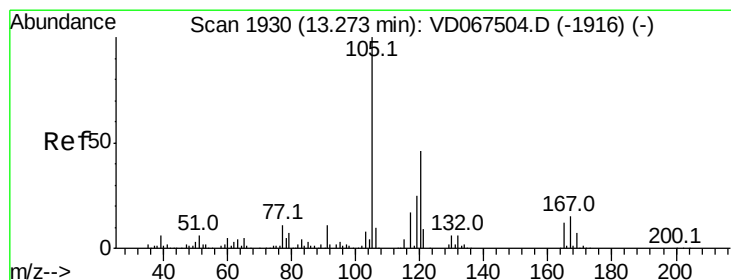
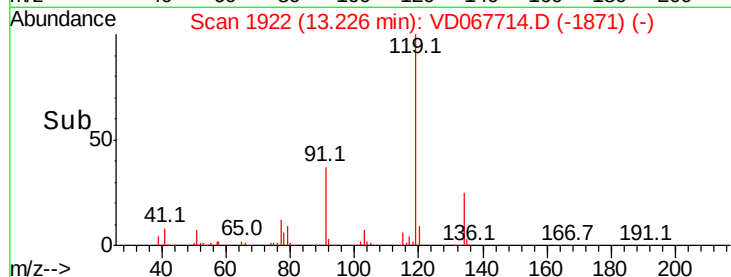
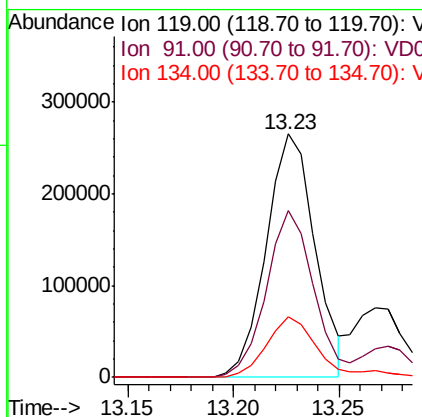
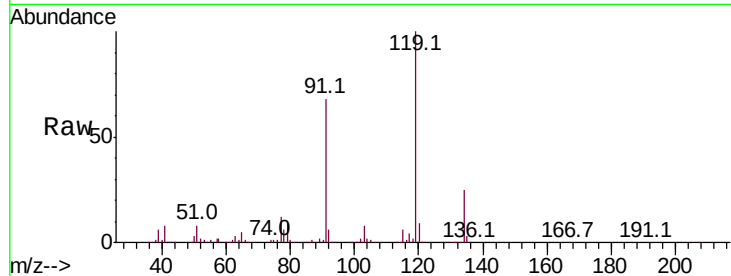




#83
 tert-Butylbenzene
 Concen: 51.497 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

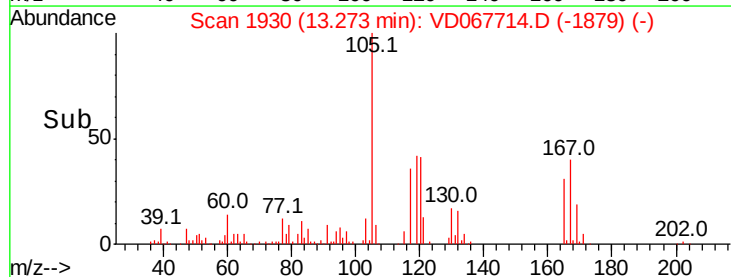
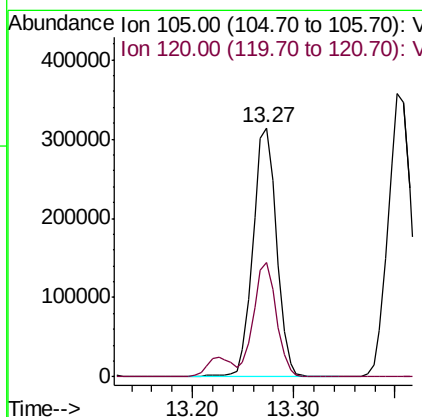
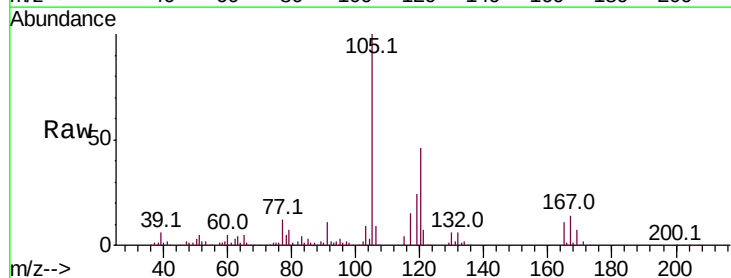
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

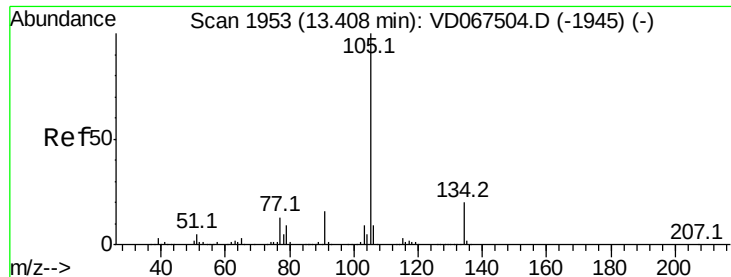
Tot Ion:119 Resp: 427267
 Ion Ratio Lower Upper
 119 100
 91 66.6 32.7 98.1
 134 26.7 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 52.097 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion:105 Resp: 507680
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 50.982 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

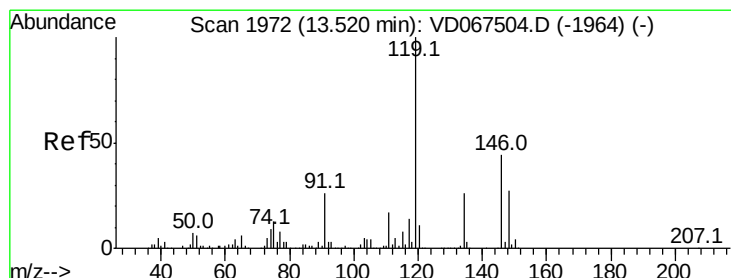
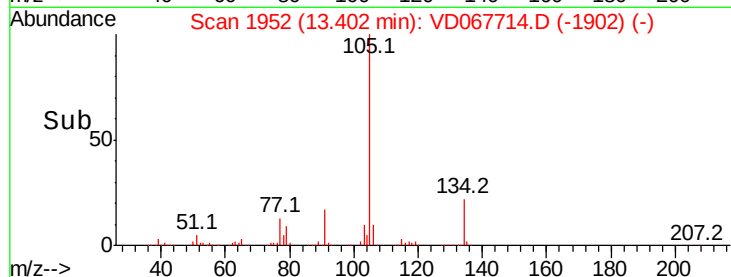
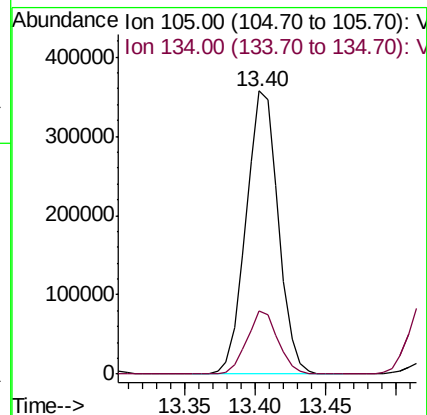
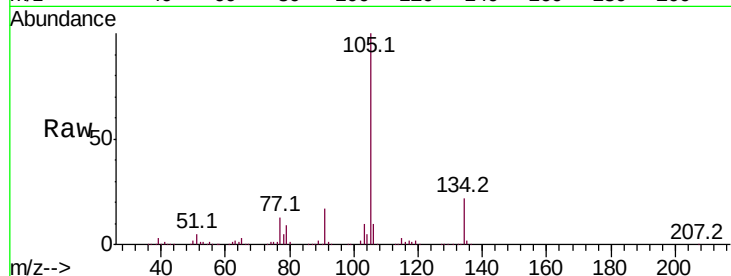
VSTDCCC050EC

Tot Ion:105 Resp: 571016

Ion Ratio Lower Upper

105 100

134 21.5 10.4 31.4



#86

p-Isopropyltoluene

Concen: 50.760 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067714.D

Acq: 19 Nov 2020 17:53

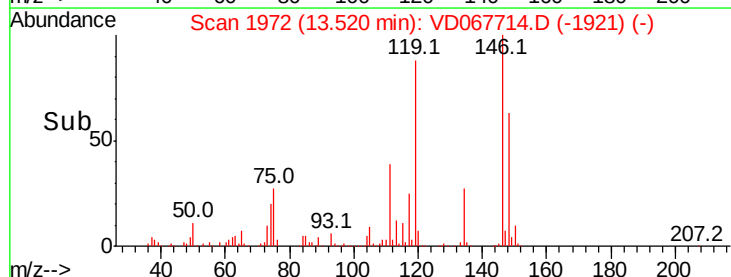
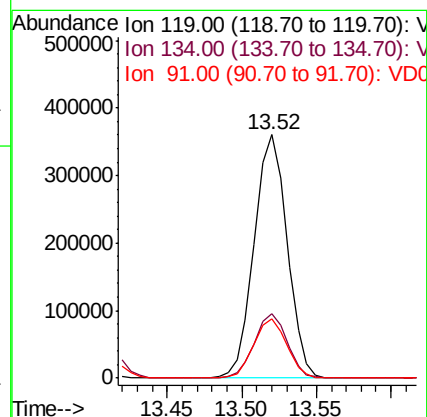
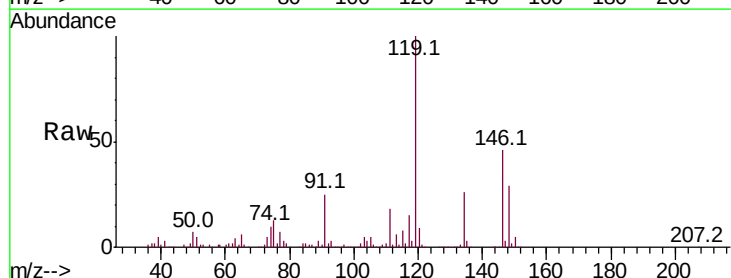
Tgt Ion:119 Resp: 549021

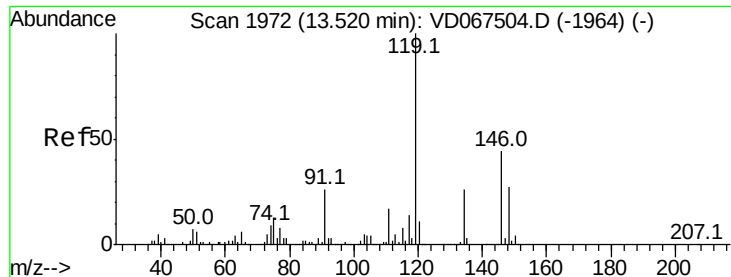
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 24.6 12.2 36.4

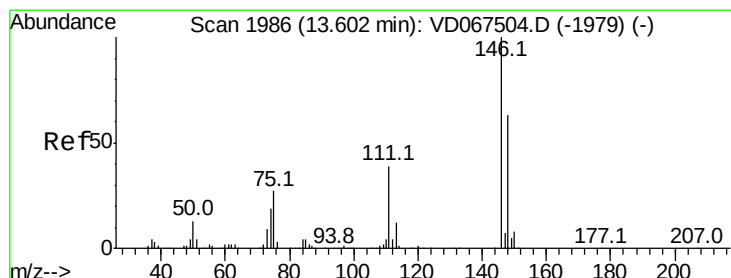
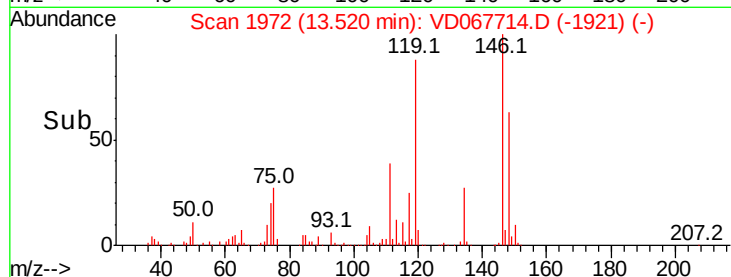
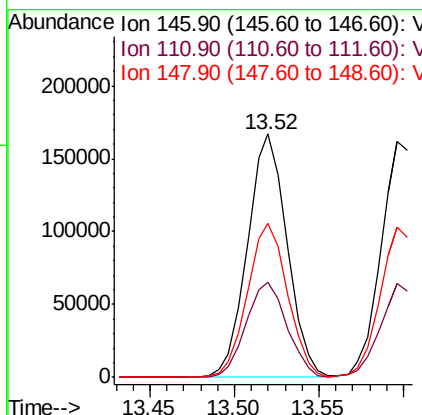
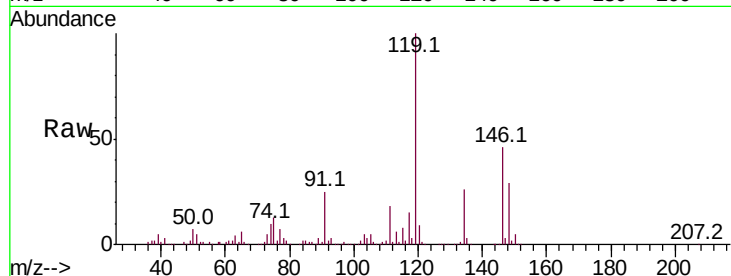




#87
 1,3-Dichlorobenzene
 Concen: 50.627 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

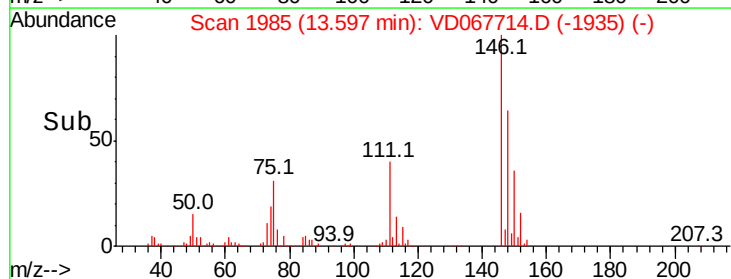
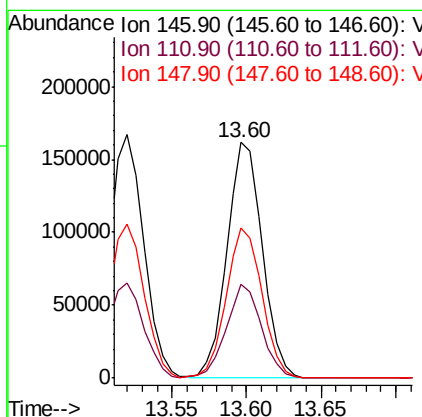
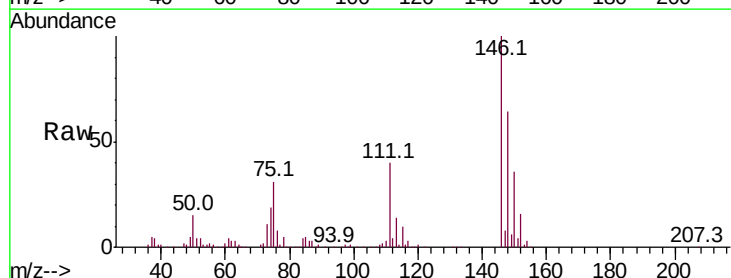
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

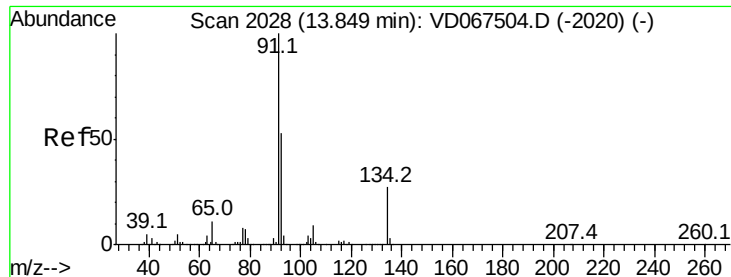
Tot Ion:146 Resp: 271884
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 60.8
 148 64.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.385 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion:146 Resp: 268547
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.7
 148 64.2 31.8 95.4

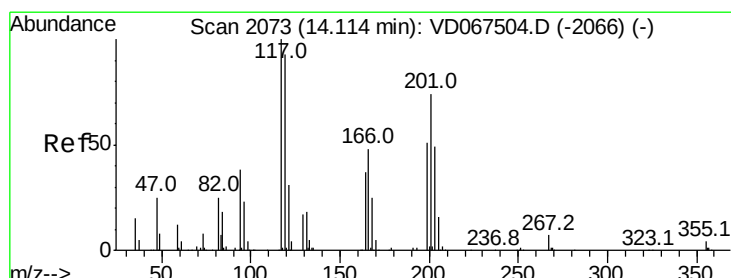
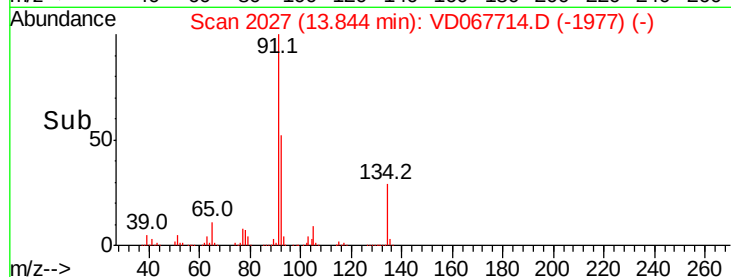
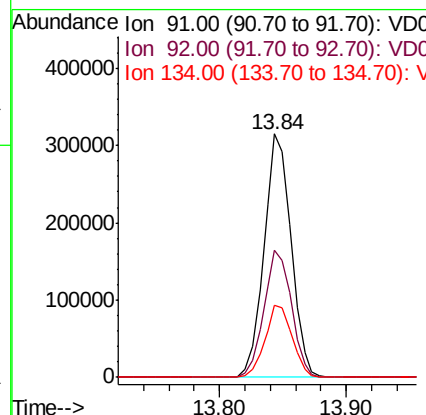
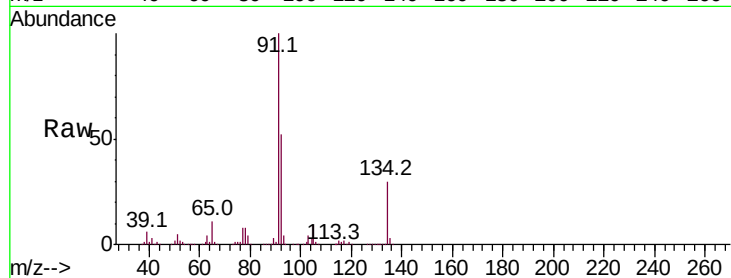




#89
n-Butylbenzene
Concen: 50.140 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

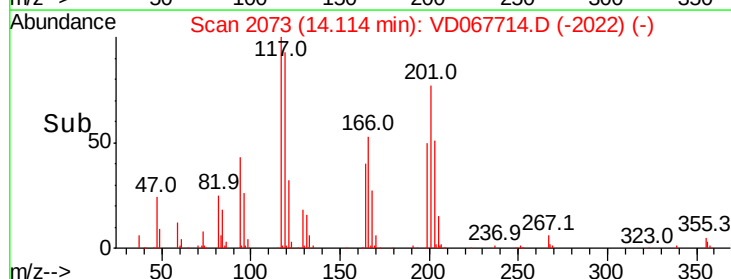
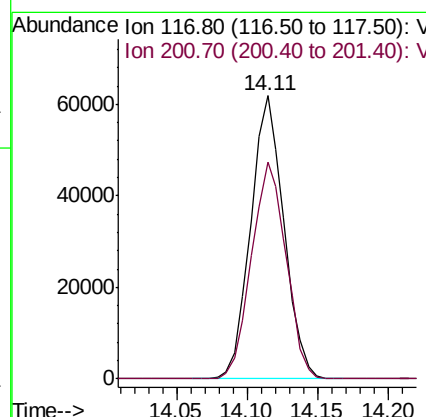
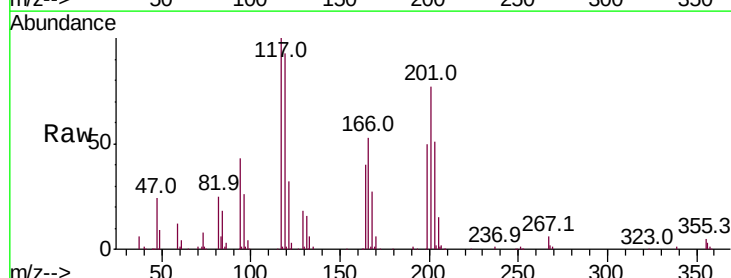
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

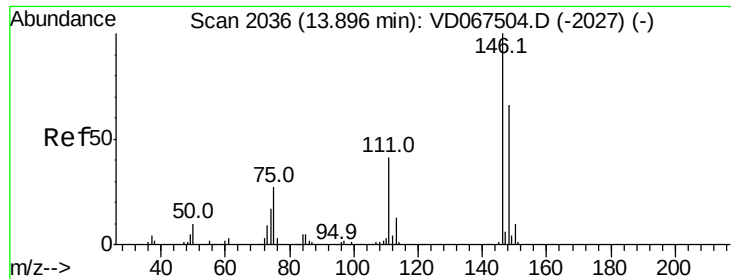
Tot Ion: 91 Resp: 468426
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 29.7 14.1 42.2



#90
Hexachloroethane
Concen: 50.112 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion: 117 Resp: 102069
Ion Ratio Lower Upper
117 100
201 79.8 40.7 122.1

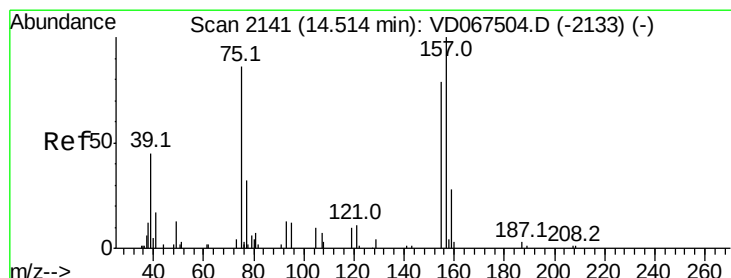
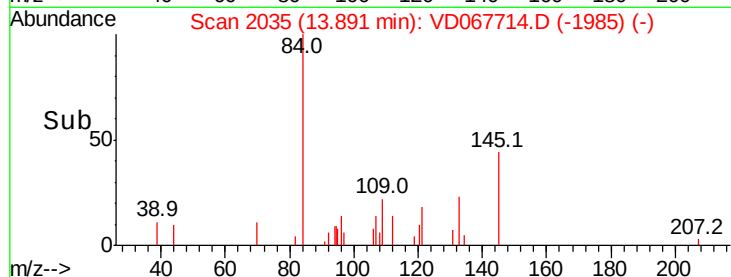
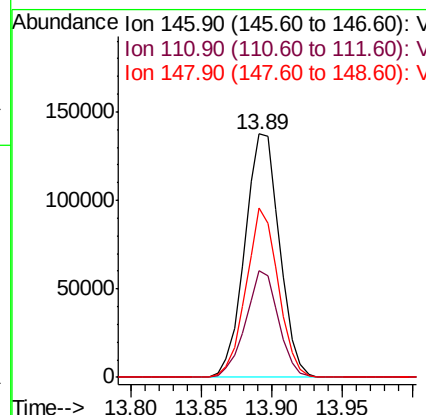
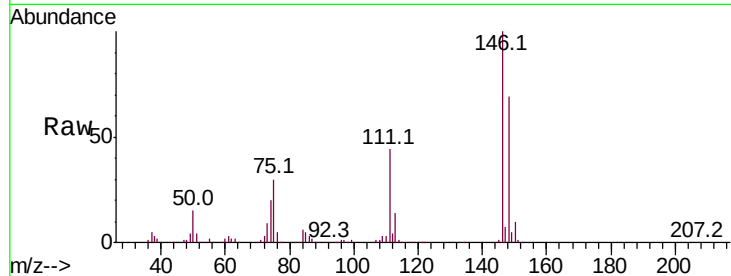




#91
 1,2-Dichlorobenzene
 Concen: 50.817 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

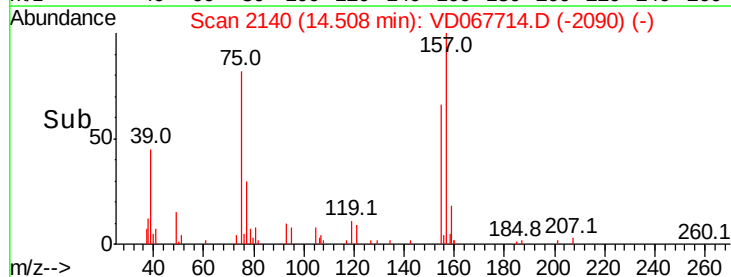
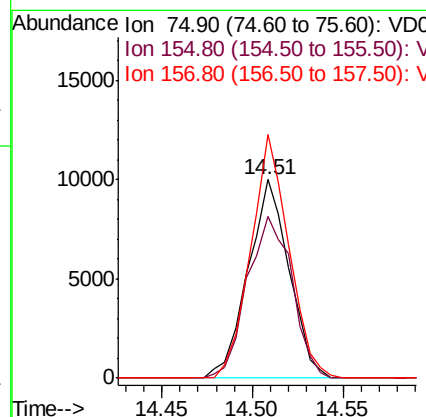
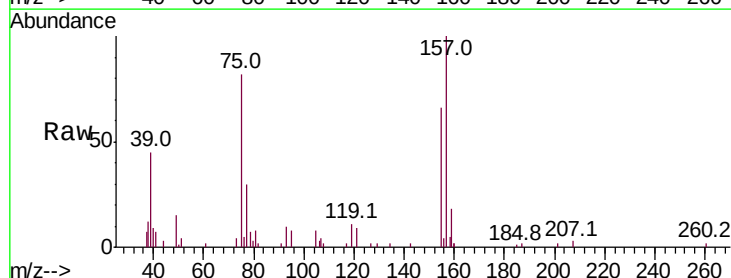
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

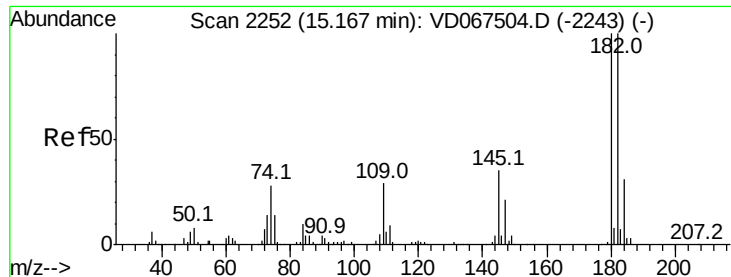
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	64.9	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.787 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	46.6	139.8
157	113.8	58.1	174.2

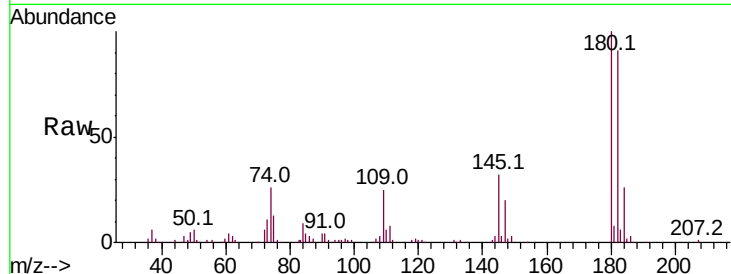




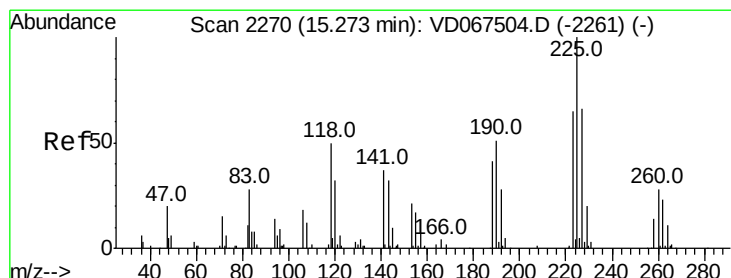
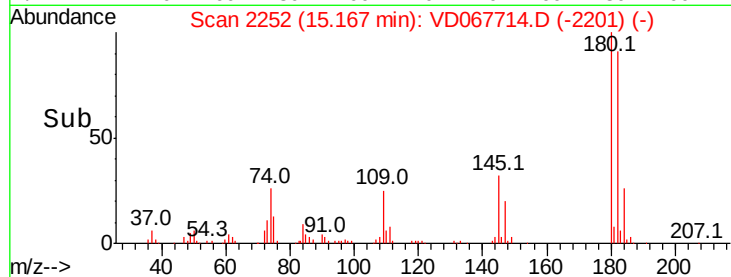
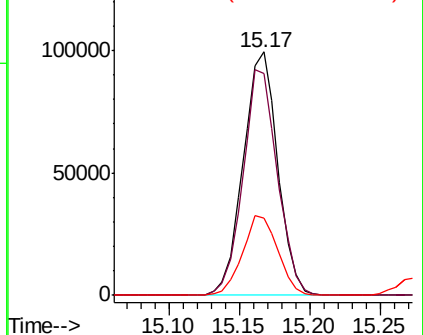
#93
 1,2,4-Trichlorobenzene
 Concen: 54.008 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.4	142.3
145	33.6	16.2	48.6

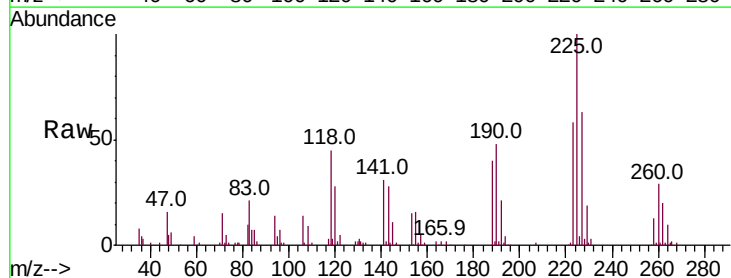


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

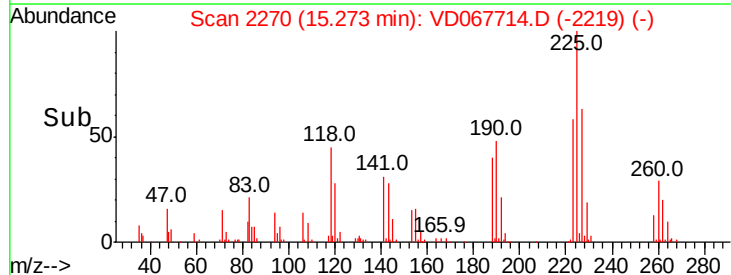
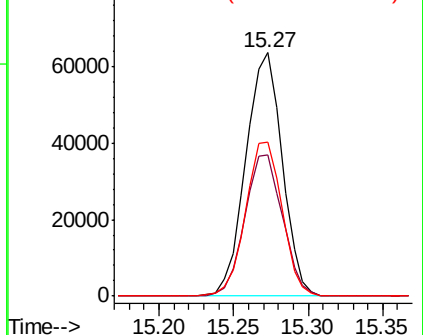


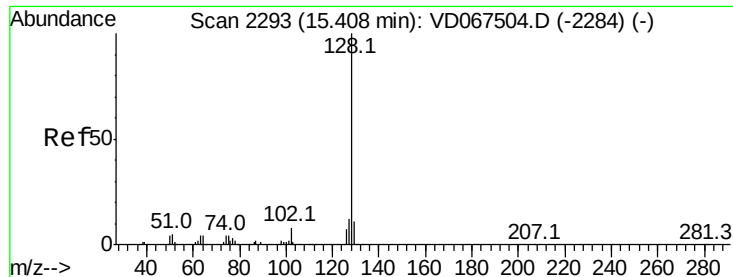
#94
 Hexachlorobutadiene
 Concen: 50.903 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067714.D
 Acq: 19 Nov 2020 17:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	31.9	95.5
227	63.3	32.5	97.4



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

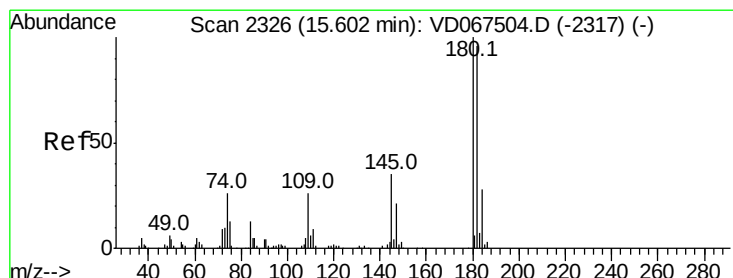
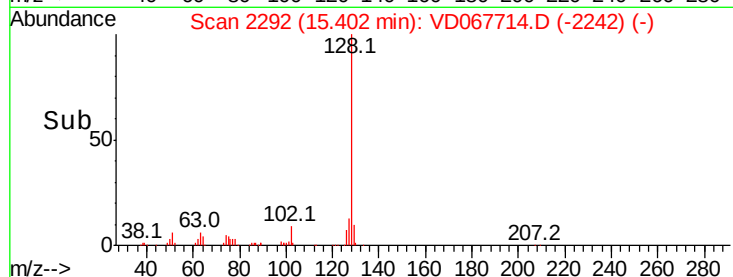
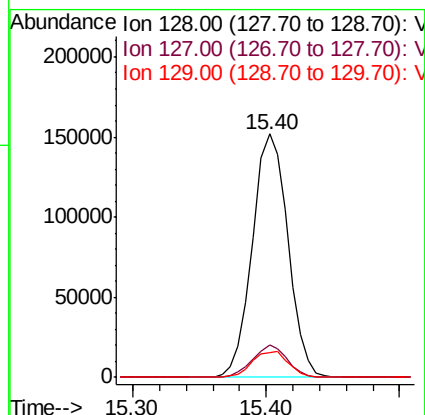
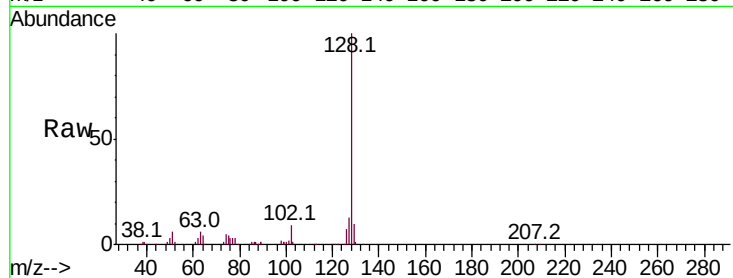




#95
Naphthalene
Concen: 57.408 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 279479
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 53.593 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067714.D
Acq: 19 Nov 2020 17:53

Tgt Ion:180 Resp: 144775
Ion Ratio Lower Upper
180 100
182 95.9 46.9 140.8
145 33.9 17.1 51.2

