

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065775.D
 Acq On : 08 Jun 2020 12:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 09 06:21:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	246933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	384551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	352350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	176629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	119646	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	7.91	113	117510	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.34	98	452758	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.64	95	151727	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	75359	44.979	ug/l	99
3) Chloromethane	2.21	50	123344	43.891	ug/l	99
4) Vinyl Chloride	2.35	62	145706	39.994	ug/l	98
5) Bromomethane	2.77	94	105609	41.451	ug/l	94
6) Chloroethane	2.93	64	100227	40.687	ug/l	97
7) Trichlorofluoromethane	3.27	101	179465	43.479	ug/l	98
8) Diethyl Ether	3.70	74	47373	43.653	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	102859	41.791	ug/l	97
10) Methyl Iodide	4.30	142	108408	45.232	ug/l	100
11) Tert butyl alcohol	5.21	59	17834	110.548	ug/l	97
12) 1,1-Dichloroethene	4.07	96	100833	44.949	ug/l	96
13) Acrolein	3.92	56	31895	232.721	ug/l	96
14) Allyl chloride	4.71	41	165686	44.688	ug/l	98
15) Acrylonitrile	5.42	53	105575	214.197	ug/l	99
16) Acetone	4.16	43	132457	287.782	ug/l	98
17) Carbon Disulfide	4.41	76	327133	43.449	ug/l	100
18) Methyl Acetate	4.71	43	45029	42.855	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	217986	42.901	ug/l	97
20) Methylene Chloride	4.96	84	119456	48.760	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	113820	43.325	ug/l	98
22) Diisopropyl ether	6.36	45	331417	44.239	ug/l	99
23) Vinyl Acetate	6.30	43	964778	228.063	ug/l	99
24) 1,1-Dichloroethane	6.26	63	196425	43.033	ug/l	99
25) 2-Butanone	7.21	43	147193	231.561	ug/l	95
26) 2,2-Dichloropropane	7.21	77	185220	45.764	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	125565	44.432	ug/l	99
28) Bromochloromethane	7.54	49	88074	49.959	ug/l	98
29) Tetrahydrofuran	7.56	42	86519	215.356	ug/l	97
30) Chloroform	7.71	83	204946	43.318	ug/l	94
31) Cyclohexane	7.98	56	186578	42.638	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	189546	43.570	ug/l	97
36) 1,1-Dichloropropene	8.11	75	164559	44.672	ug/l	99
37) Ethyl Acetate	7.29	43	65370	45.052	ug/l	99
38) Carbon Tetrachloride	8.10	117	175224	45.198	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	196691	45.098	ug/l	99
40) Benzene	8.35	78	446121	44.299	ug/l	98
41) Methacrylonitrile	7.52	41	32611	37.745	ug/l #	72
42) 1,2-Dichloroethane	8.43	62	130801	43.047	ug/l	99
43) Isopropyl Acetate	8.45	43	126564	43.865	ug/l	97
44) Trichloroethene	9.11	130	125190	44.670	ug/l	98
45) 1,2-Dichloropropane	9.39	63	109846	43.410	ug/l	95
46) Dibromomethane	9.48	93	59397	43.281	ug/l	99
47) Bromodichloromethane	9.66	83	158278	43.039	ug/l	99
48) Methyl methacrylate	9.46	41	63514	45.477	ug/l	99
49) 1,4-Dioxane	9.46	88	12555	859.509	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	315238	222.969	ug/l	97
52) Toluene	10.41	92	296257	45.275	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	150968	45.334	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	174440	44.353	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	79297	43.244	ug/l	96
56) Ethyl methacrylate	10.67	69	95863	44.447	ug/l	99
57) 1,3-Dichloropropane	10.95	76	136450	42.951	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	257018	256.317	ug/l	100
59) 2-Hexanone	10.98	43	224372	235.392	ug/l	98
60) Dibromochloromethane	11.14	129	108339	43.736	ug/l	100
61) 1,2-Dibromoethane	11.25	107	79151	43.922	ug/l	100
64) Tetrachloroethene	10.88	164	104752	43.965	ug/l	92
65) Chlorobenzene	11.67	112	305775	44.453	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	112119	43.727	ug/l	98
67) Ethyl Benzene	11.75	91	555219	45.183	ug/l	98
68) m/p-Xylenes	11.85	106	431877	91.243	ug/l	100
69) o-Xylene	12.18	106	192867	45.192	ug/l	98
70) Styrene	12.20	104	340375	46.072	ug/l	99
71) Bromoform	12.37	173	62341	44.152	ug/l #	99
73) Isopropylbenzene	12.48	105	542384	45.800	ug/l	100
74) N-amyl acetate	12.30	43	118141	44.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	86307	43.154	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	114808	83.578	ug/l #	100
77) Bromobenzene	12.77	156	126721	45.227	ug/l	99
78) n-propylbenzene	12.83	91	654252	45.897	ug/l	100
79) 2-Chlorotoluene	12.91	91	353241	45.172	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	447645	45.424	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	29273	46.043	ug/l	97
82) 4-Chlorotoluene	13.01	91	376088	44.806	ug/l	100
83) tert-Butylbenzene	13.23	119	387561	45.324	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	449027	45.523	ug/l	100
85) sec-Butylbenzene	13.41	105	544002	45.714	ug/l	99
86) p-Isopropyltoluene	13.52	119	505589	46.354	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	243079	43.999	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	241981	44.032	ug/l	100
89) n-Butylbenzene	13.85	91	482988	46.430	ug/l	100
90) Hexachloroethane	14.12	117	100610	46.084	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	210457	44.264	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14257	42.834	ug/l	94

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Response via : Initial Calibration

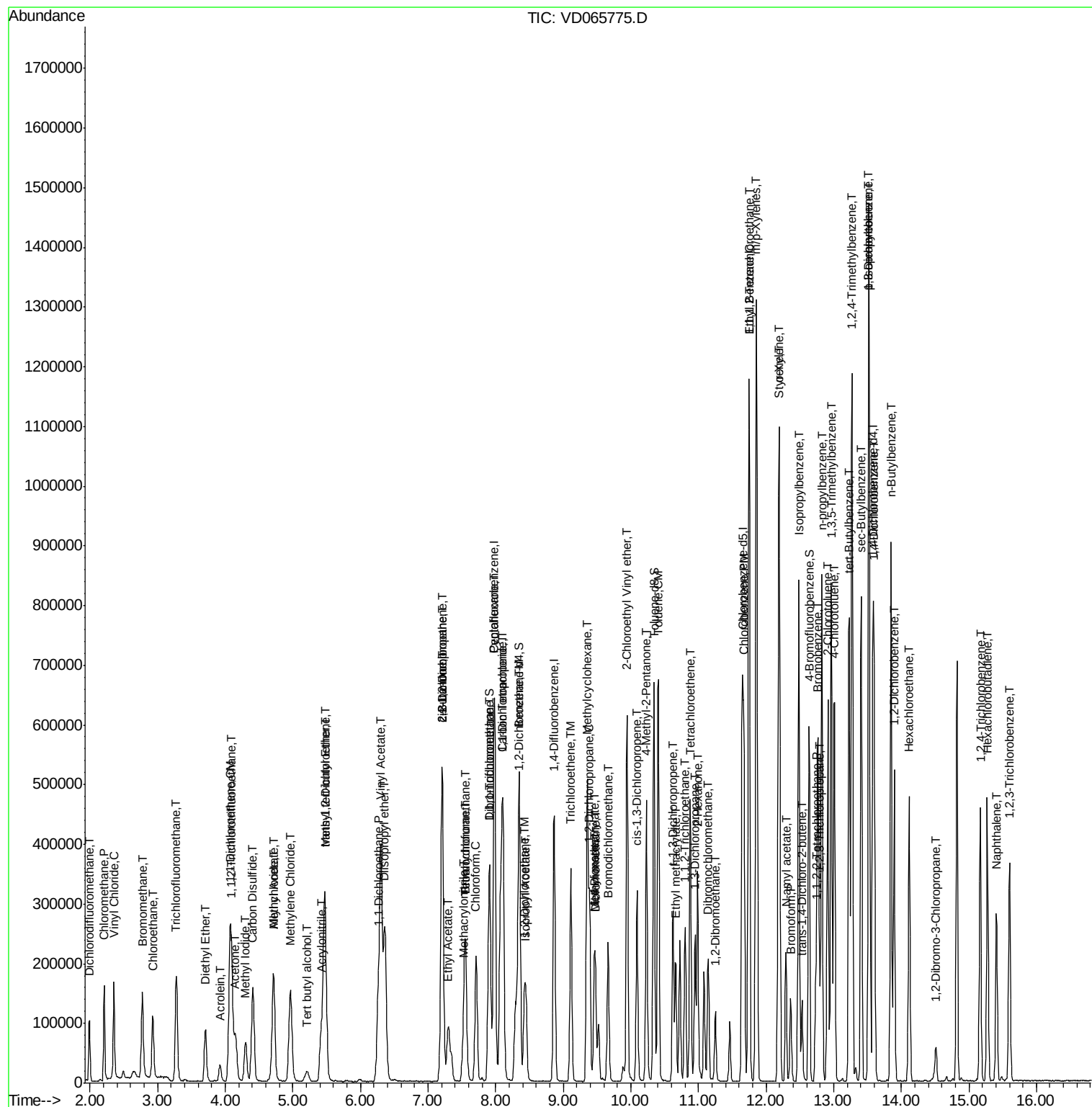
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	150001	46.400	ug/l	98
94) Hexachlorobutadiene	15.27	225	86960	44.498	ug/l	99
95) Naphthalene	15.41	128	246268	44.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	125078	44.923	ug/l	100

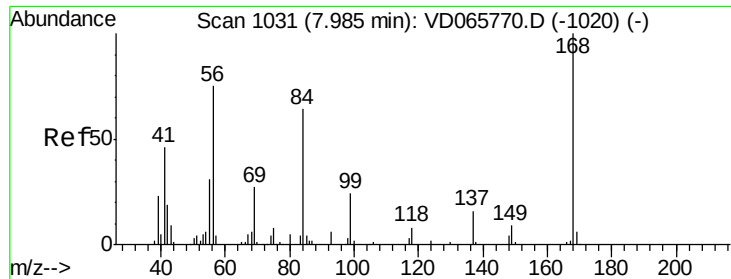
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

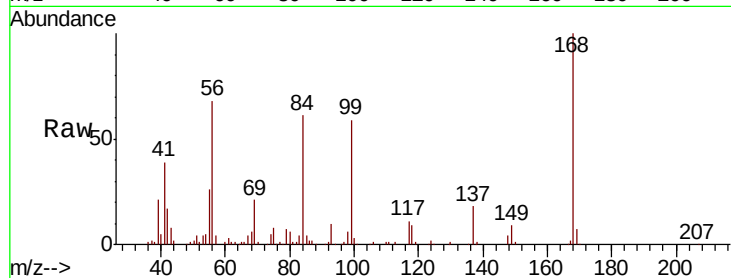
VSTDCCC050

Tot Ion:168 Resp: 246933

Ion Ratio Lower Upper

168 100

99 58.6 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

60000

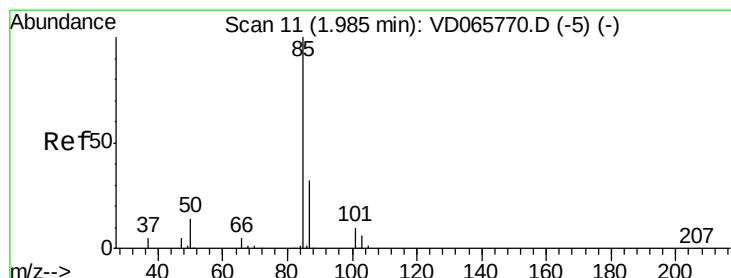
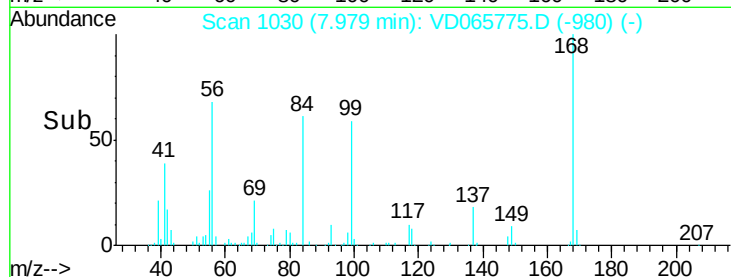
40000

20000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 44.979 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD065775.D

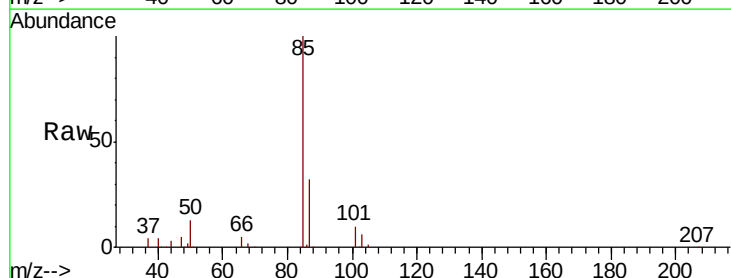
Acq: 08 Jun 2020 12:25

Tgt Ion: 85 Resp: 75359

Ion Ratio Lower Upper

85 100

87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

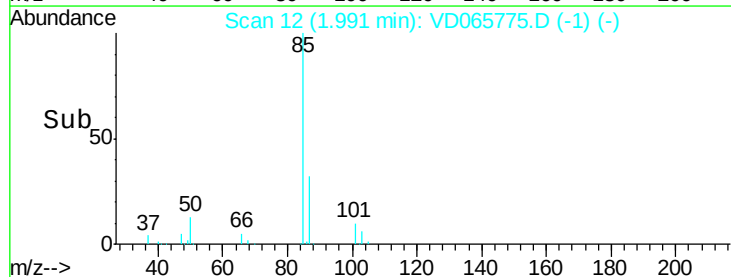
20000

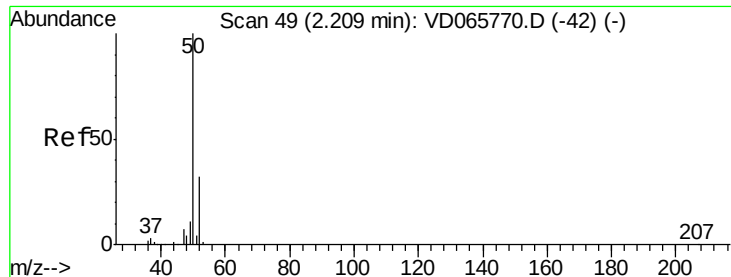
10000

0

Time-->

1.95 2.00 2.05





#3

Chloromethane

Concen: 43.891 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

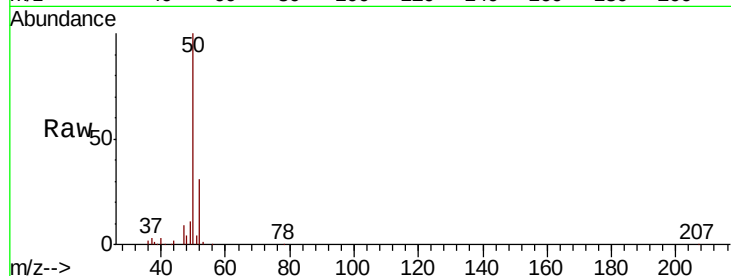
VSTDCCC050

Tot Ion: 50 Resp: 123344

Ion Ratio Lower Upper

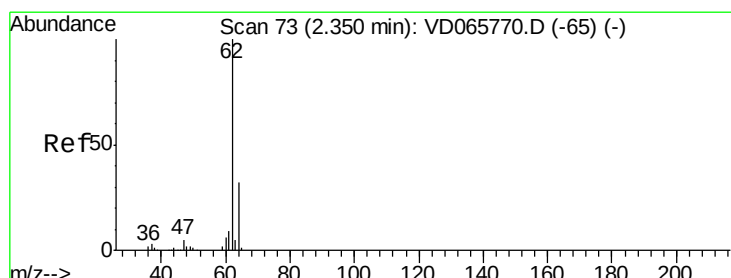
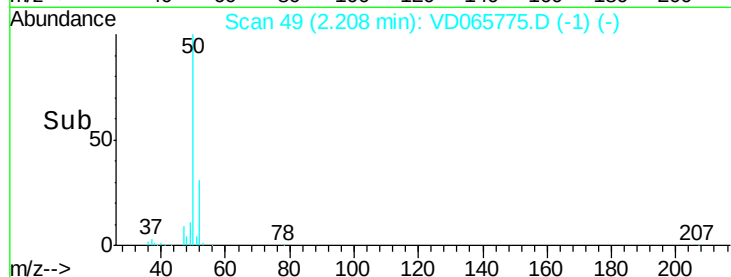
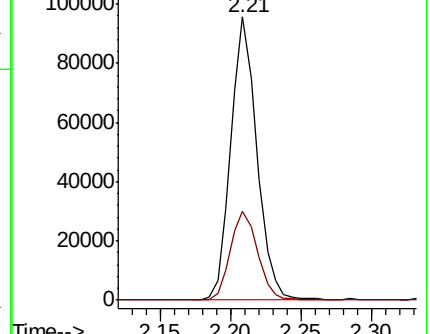
50 100

52 31.4 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 39.994 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065775.D

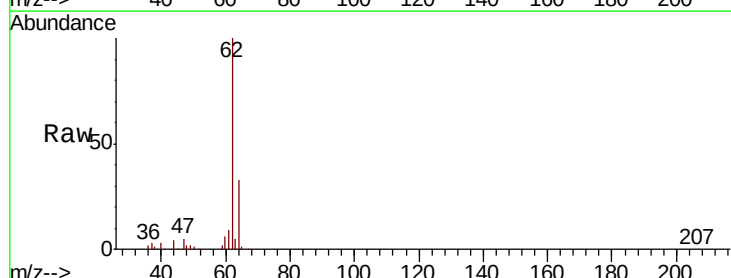
Acq: 08 Jun 2020 12:25

Tgt Ion: 62 Resp: 145706

Ion Ratio Lower Upper

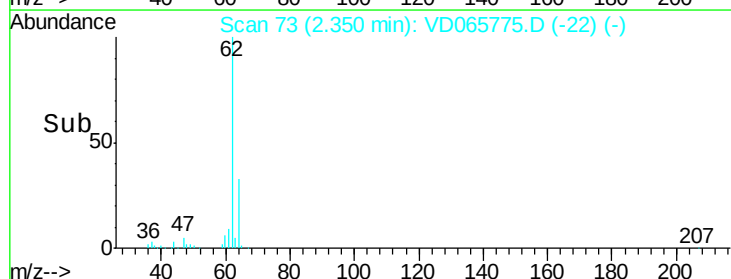
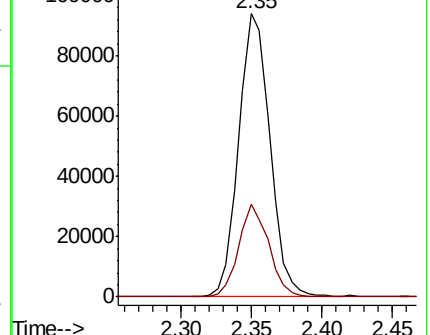
62 100

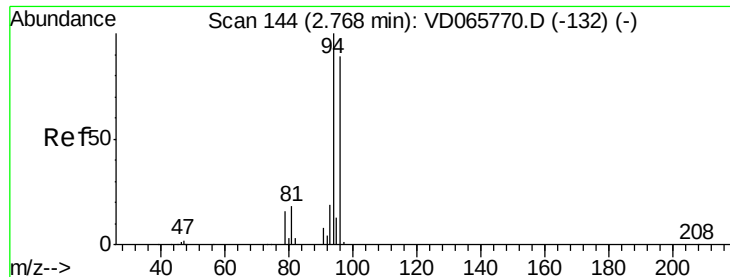
64 32.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 41.451 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

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ClientSampleId :

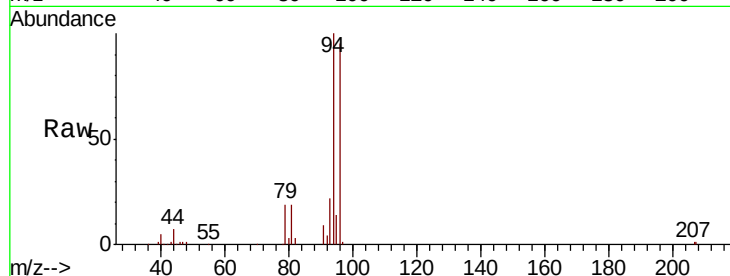
VSTDCCC050

Tot Ion: 94 Resp: 105609

Ion Ratio Lower Upper

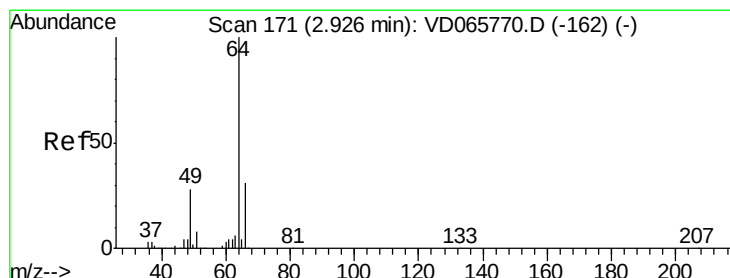
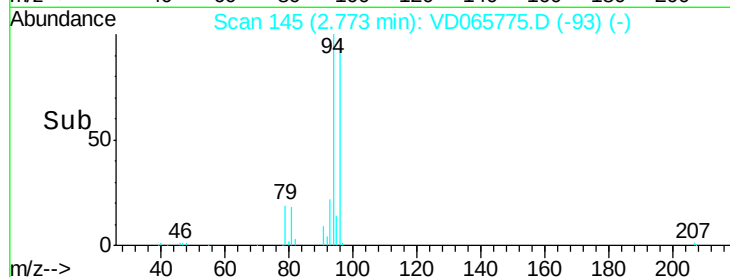
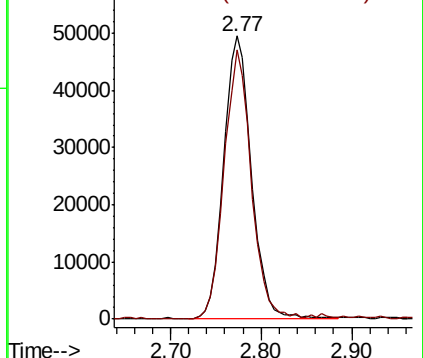
94 100

96 95.0 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 40.687 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065775.D

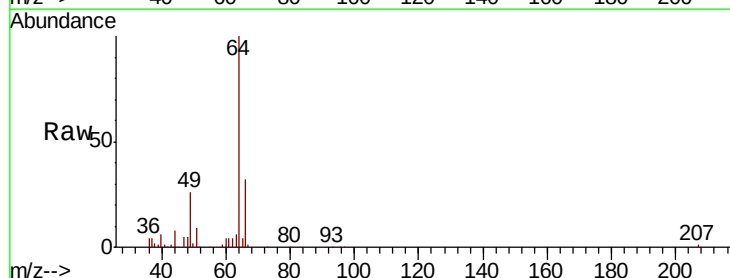
Acq: 08 Jun 2020 12:25

Tgt Ion: 64 Resp: 100227

Ion Ratio Lower Upper

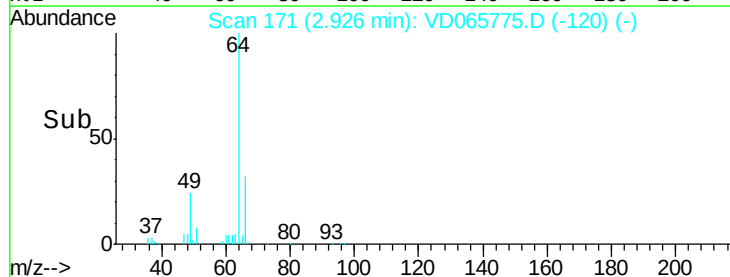
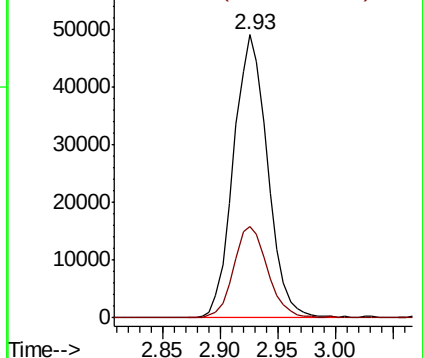
64 100

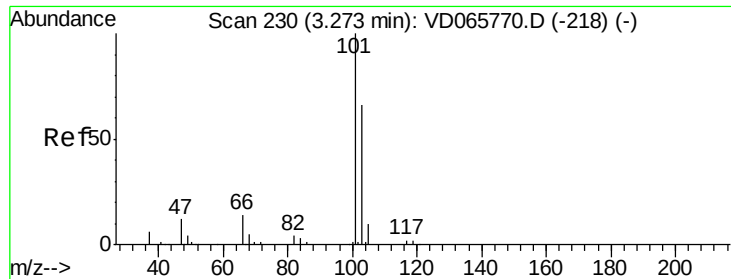
66 32.2 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



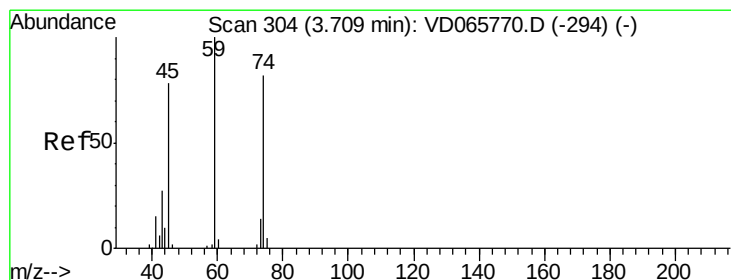
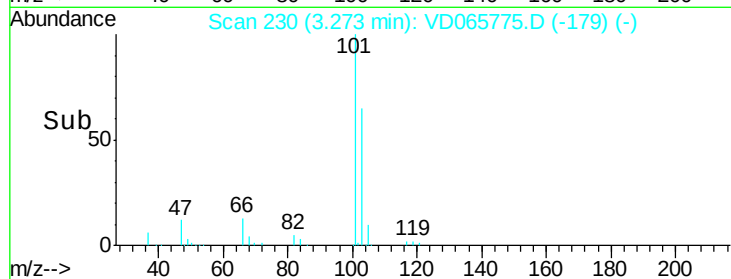
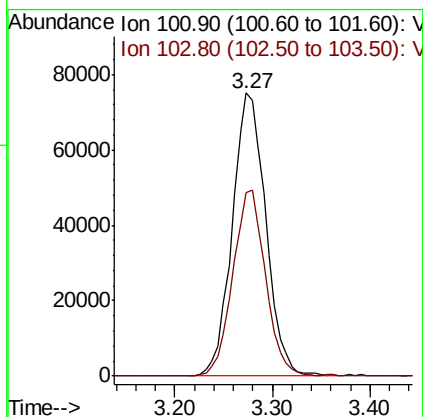
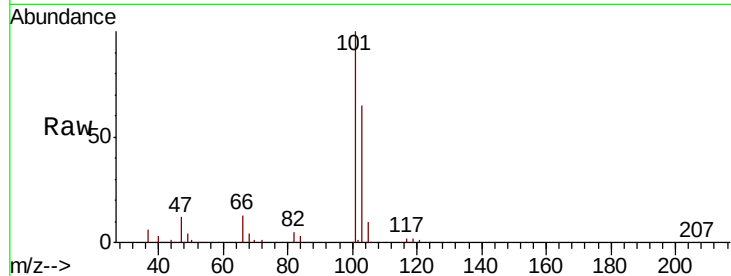


#7

Trichlorofluoromethane
 Concen: 43.479 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

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 VSTDCCC050

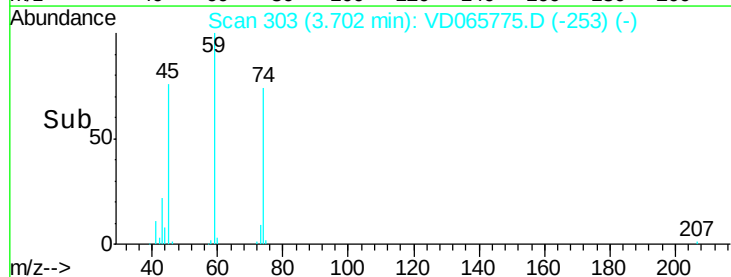
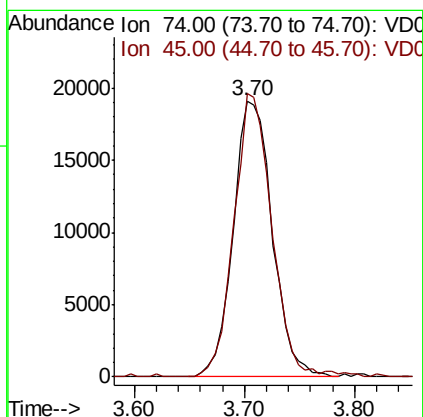
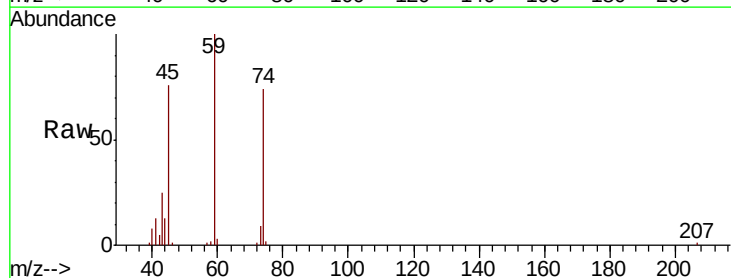
Tot Ion:101 Resp: 179465
 Ion Ratio Lower Upper
 101 100
 103 65.0 53.1 79.7

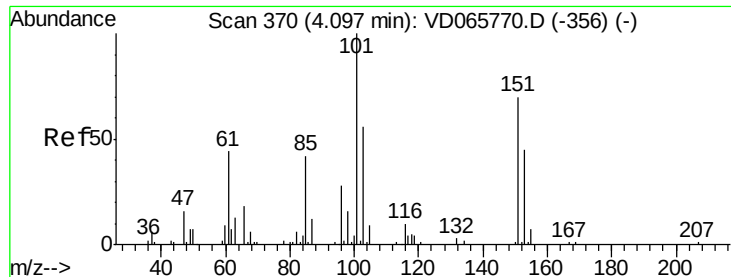


#8

Diethyl Ether
 Concen: 43.653 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion: 74 Resp: 47373
 Ion Ratio Lower Upper
 74 100
 45 100.1 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.791 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD065775.D

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VSTDCCC050

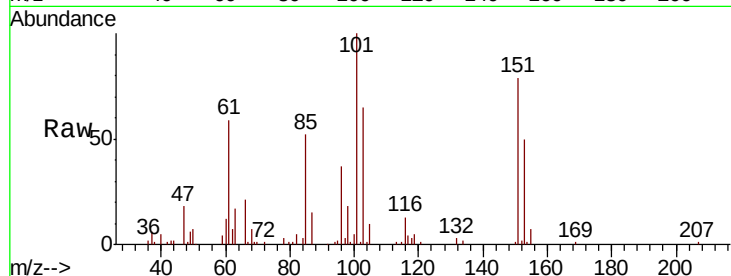
Tot Ion:101 Resp: 102859

Ion Ratio Lower Upper

101 100

85 47.2 36.5 54.7

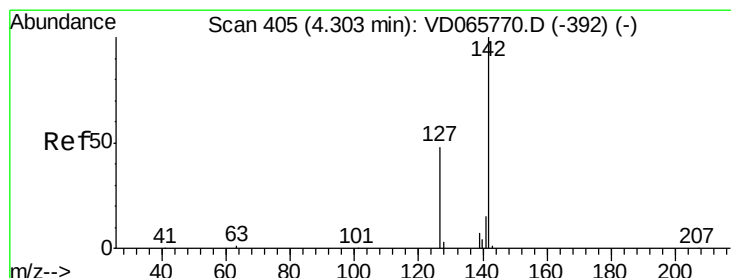
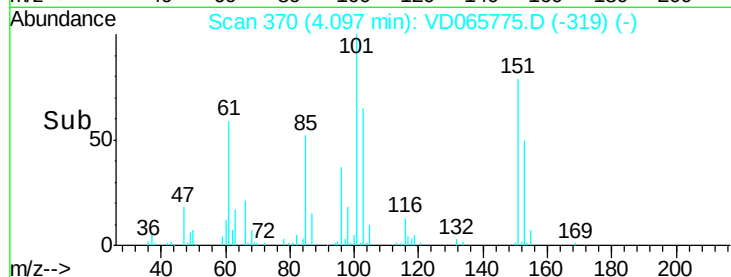
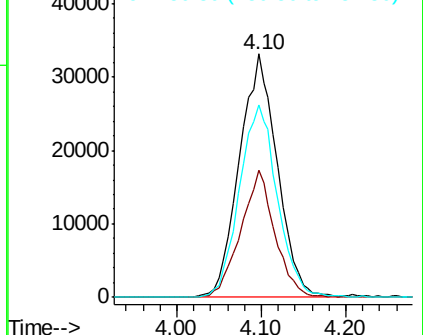
151 79.4 61.8 92.6



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: 45.232 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

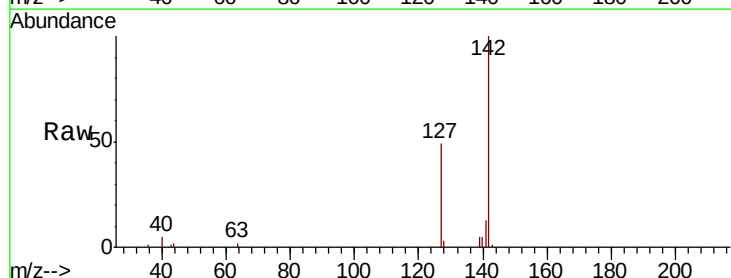
Tgt Ion:142 Resp: 108408

Ion Ratio Lower Upper

142 100

127 46.8 37.6 56.4

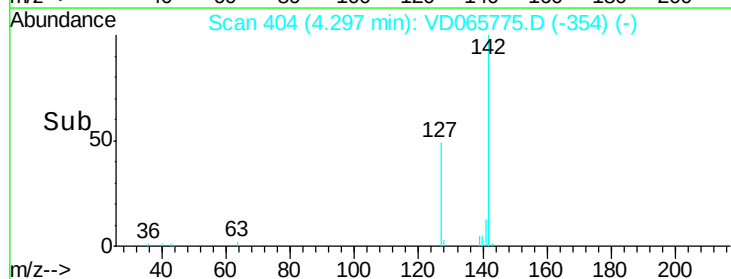
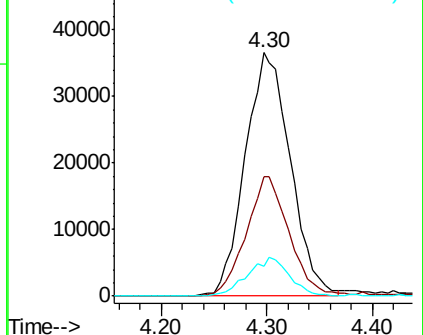
141 14.7 12.1 18.1

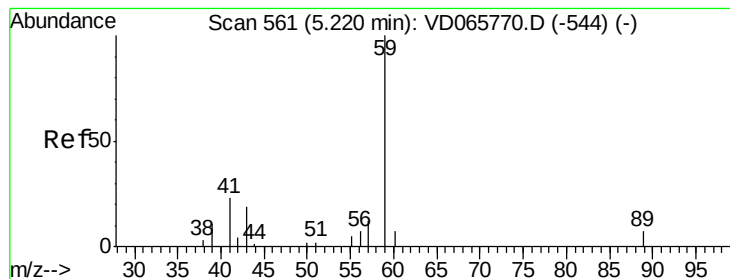


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 110.548 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

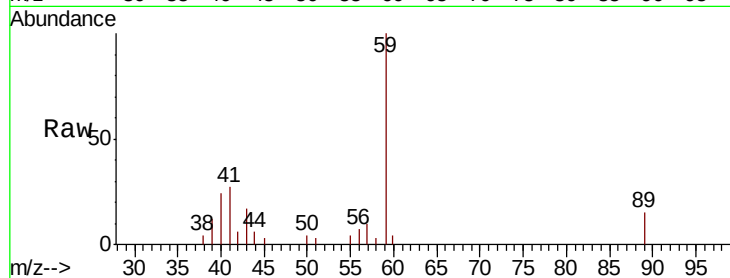
VSTDCCC050

Tot Ion: 59 Resp: 17834

Ion Ratio Lower Upper

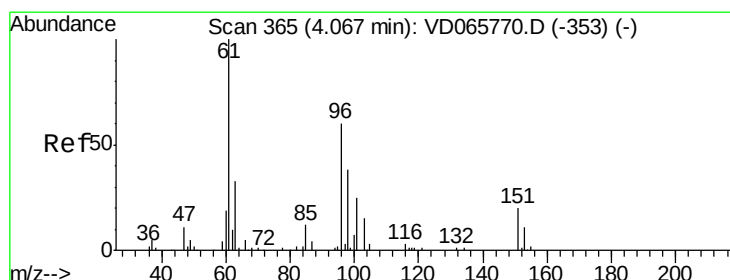
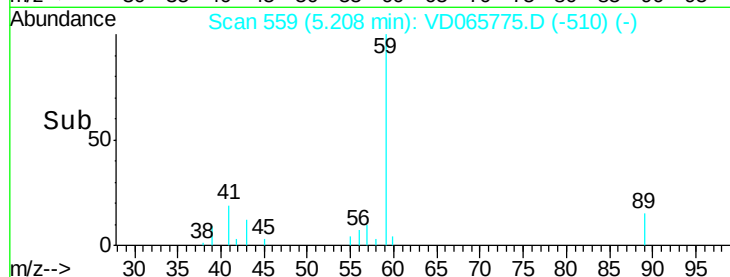
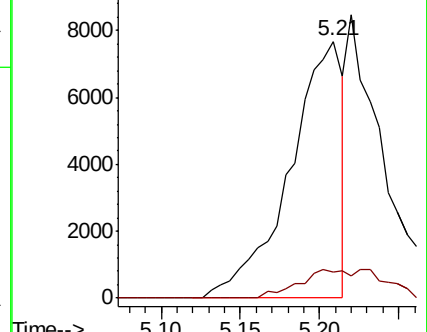
59 100

57 10.6 7.5 11.3



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 44.949 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

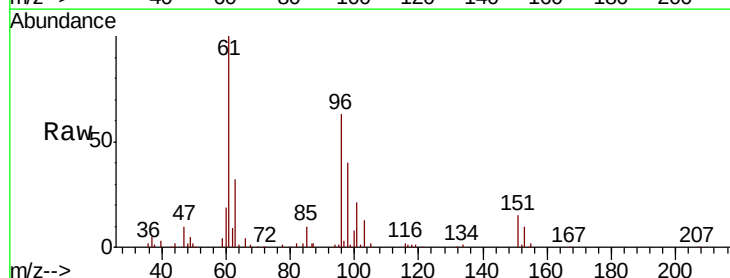
Tgt Ion: 96 Resp: 100833

Ion Ratio Lower Upper

96 100

61 158.8 132.3 198.5

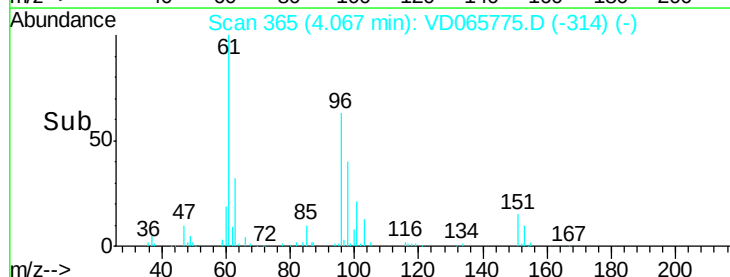
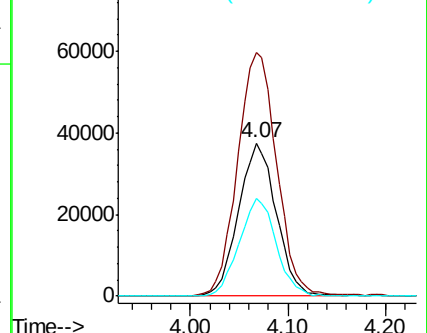
98 63.7 50.7 76.1

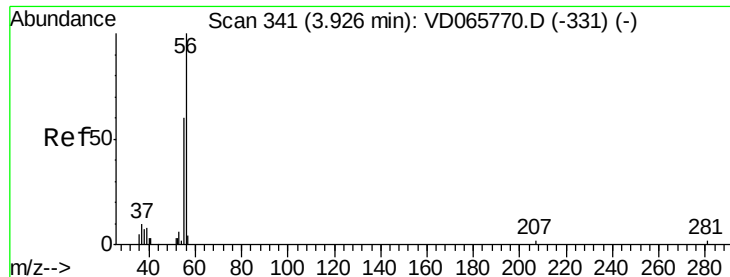


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 232.721 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

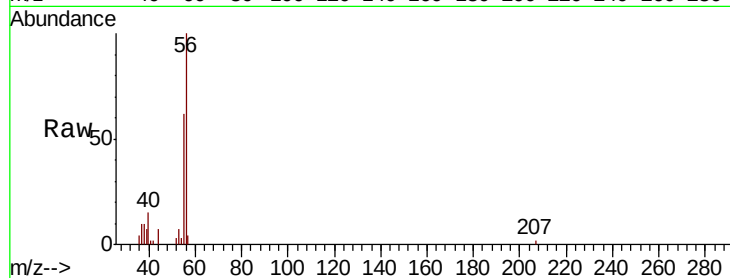
VSTDCCC050

Tot Ion: 56 Resp: 31895

Ion Ratio Lower Upper

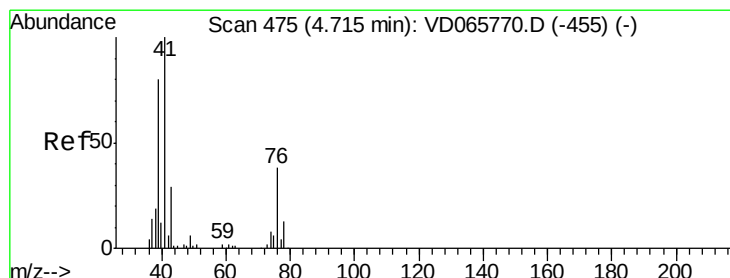
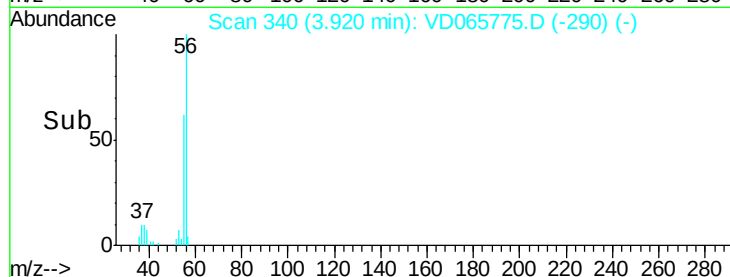
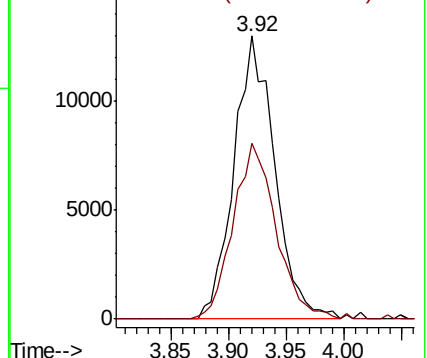
56 100

55 65.4 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 44.688 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

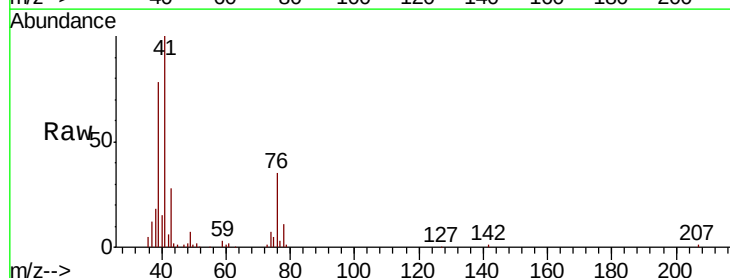
Tgt Ion: 41 Resp: 165686

Ion Ratio Lower Upper

41 100

39 78.2 60.9 91.3

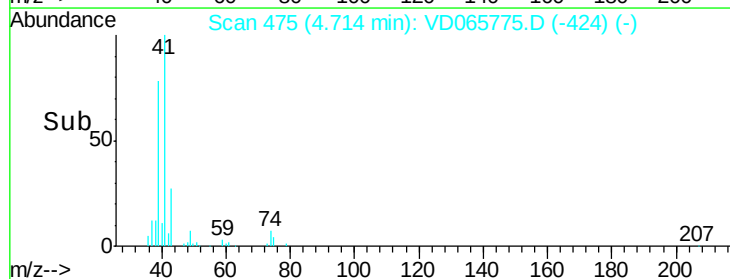
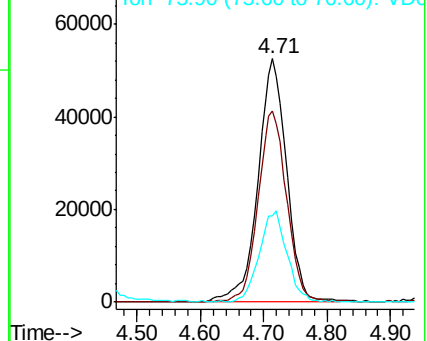
76 36.3 28.9 43.3

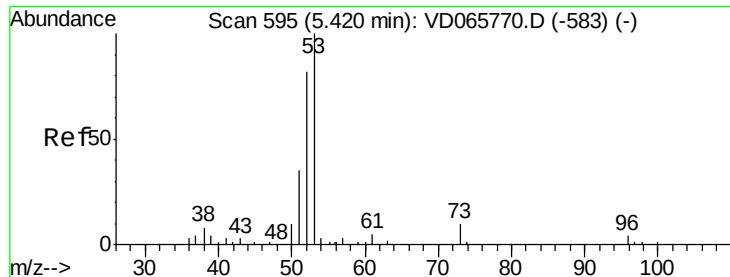


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 214.197 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

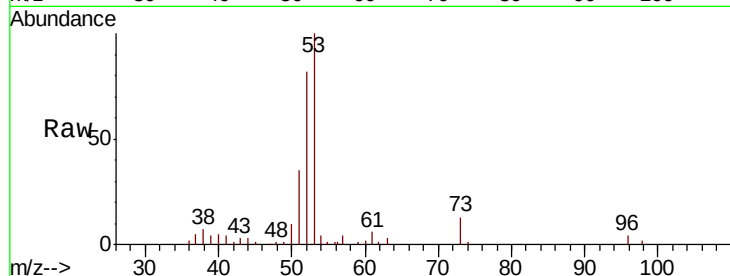
Tot Ion: 53 Resp: 105575

Ion Ratio Lower Upper

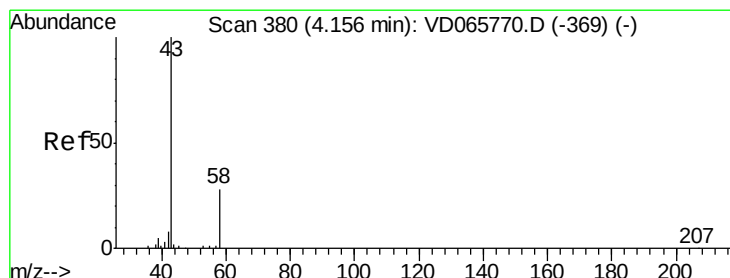
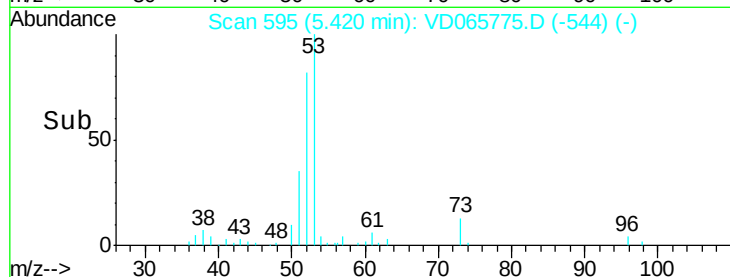
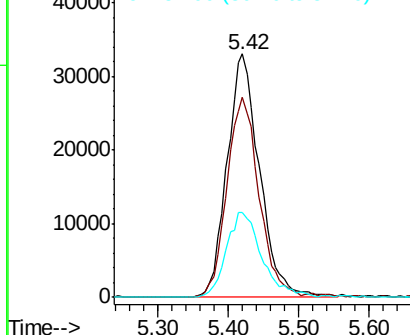
53 100

52 81.1 66.2 99.2

51 38.1 30.7 46.1



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: 287.782 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065775.D

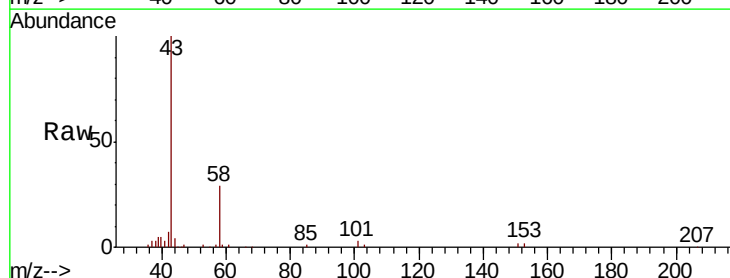
Acq: 08 Jun 2020 12:25

Tgt Ion: 43 Resp: 132457

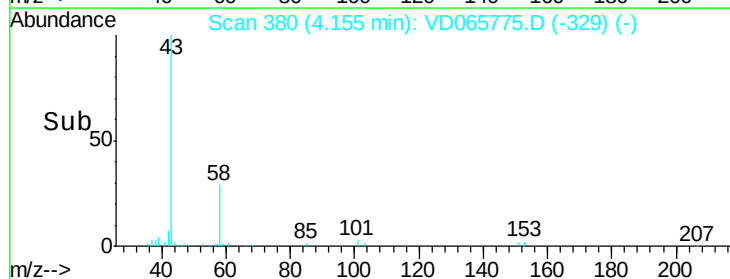
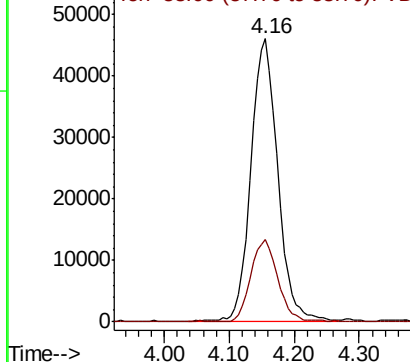
Ion Ratio Lower Upper

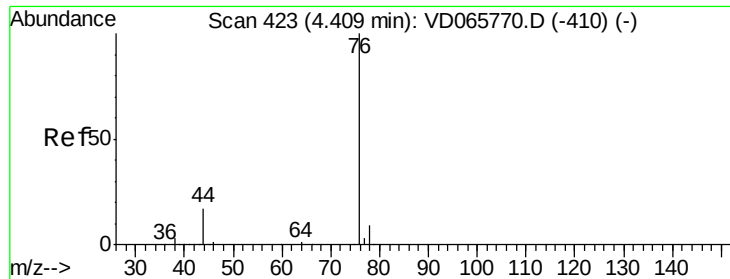
43 100

58 29.0 22.3 33.5



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

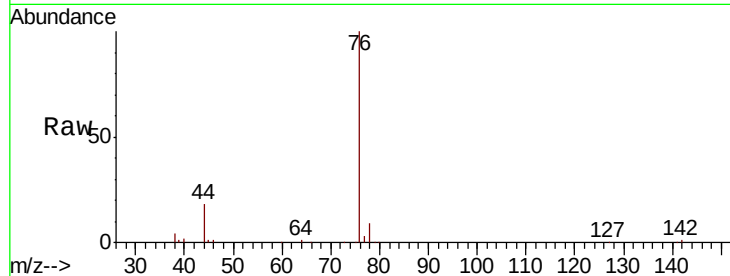




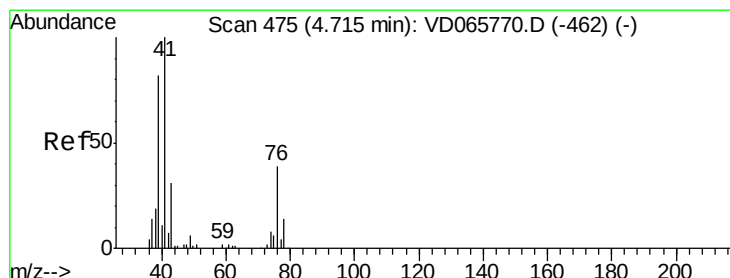
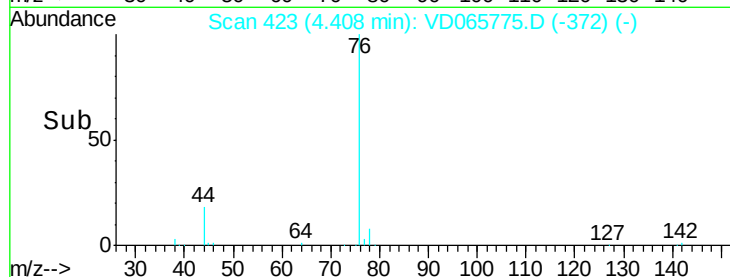
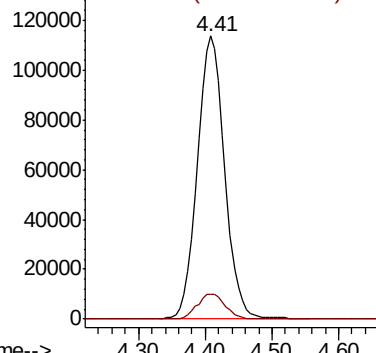
#17
Carbon Disulfide
Concen: 43.449 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 327133
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

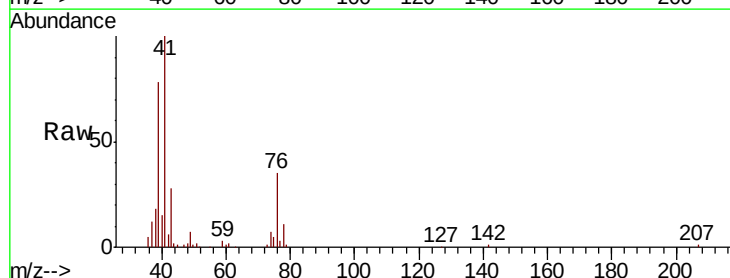


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

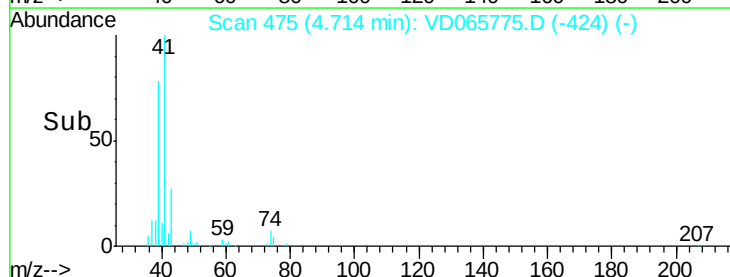
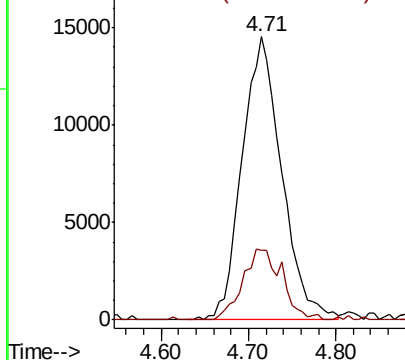


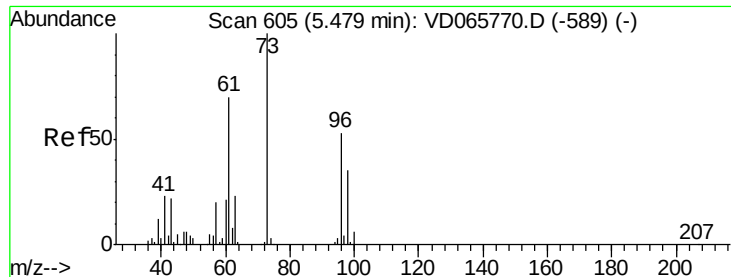
#18
Methyl Acetate
Concen: 42.855 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 43 Resp: 45029
Ion Ratio Lower Upper
43 100
74 24.8 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

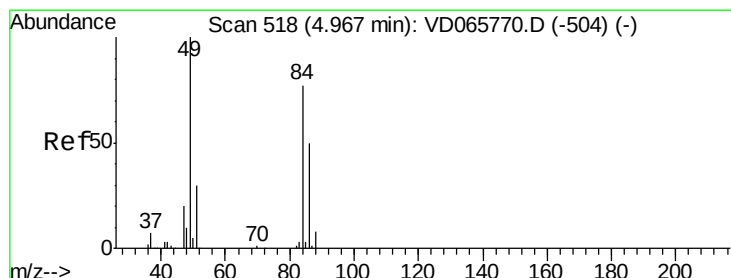
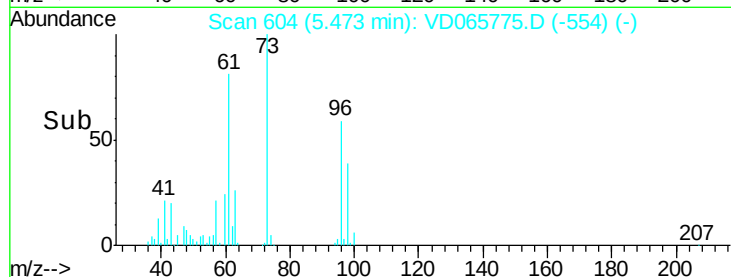
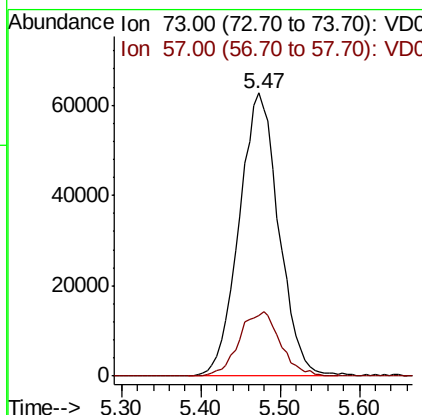
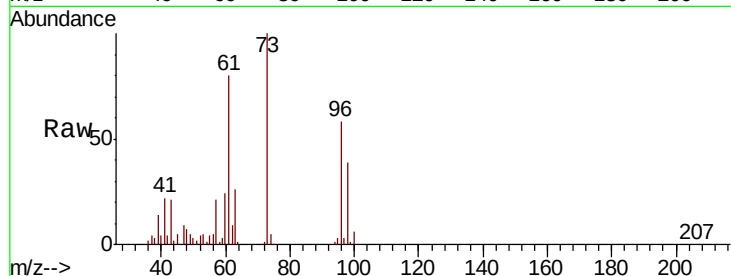




#19
Methyl tert-butyl Ether
Concen: 42.901 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

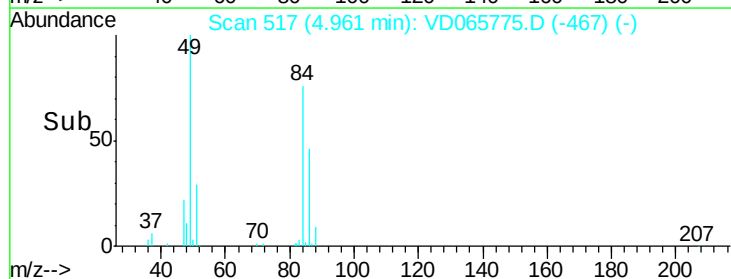
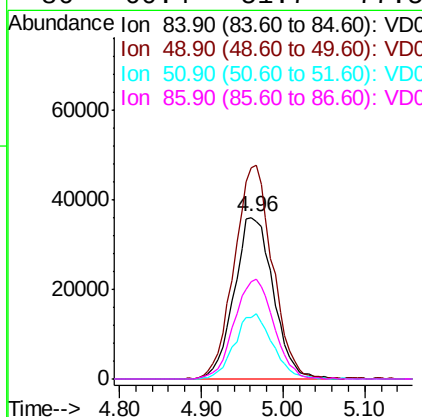
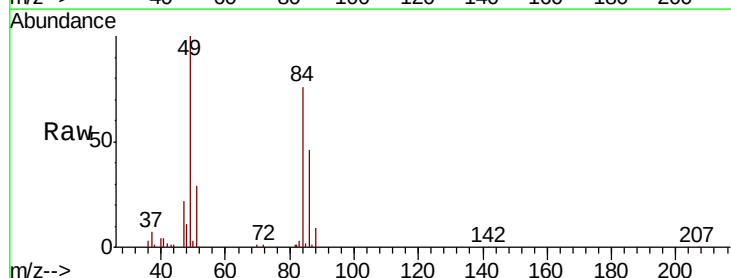
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

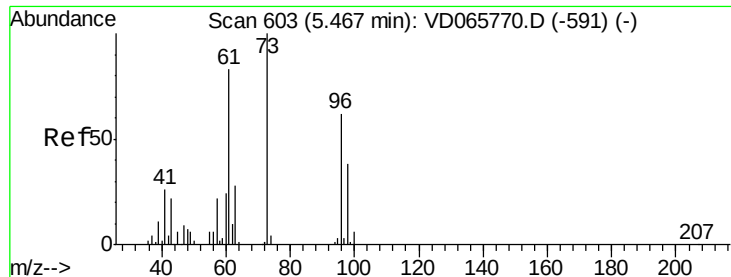
Tot Ion: 73 Resp: 217986
Ion Ratio Lower Upper
73 100
57 21.4 16.2 24.2



#20
Methylene Chloride
Concen: 48.760 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 84 Resp: 119456
Ion Ratio Lower Upper
84 100
49 130.4 103.4 155.0
51 37.9 31.4 47.2
86 60.4 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 43.325 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

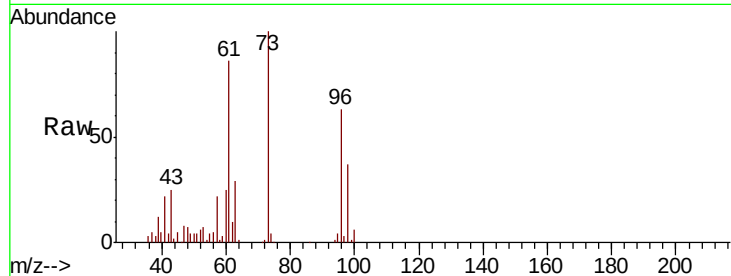
Tot Ion: 96 Resp: 113820

Ion Ratio Lower Upper

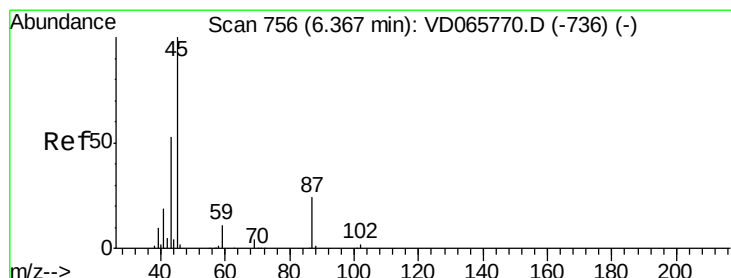
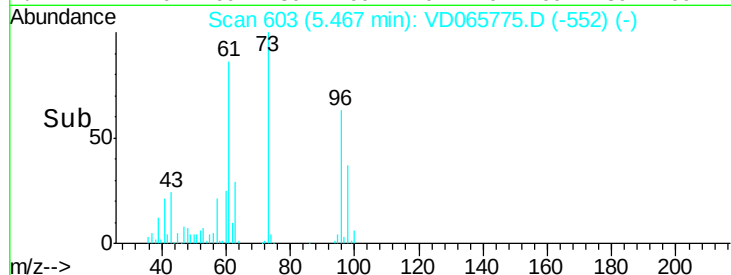
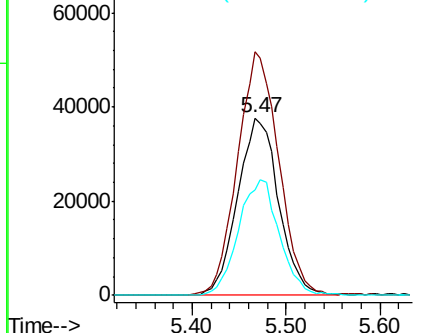
96 100

61 137.4 107.7 161.5

98 59.5 49.3 73.9



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



#22

Diisopropyl ether

Concen: 44.239 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Tgt Ion: 45 Resp: 331417

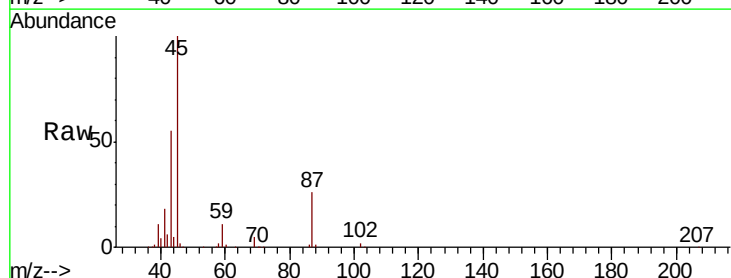
Ion Ratio Lower Upper

45 100

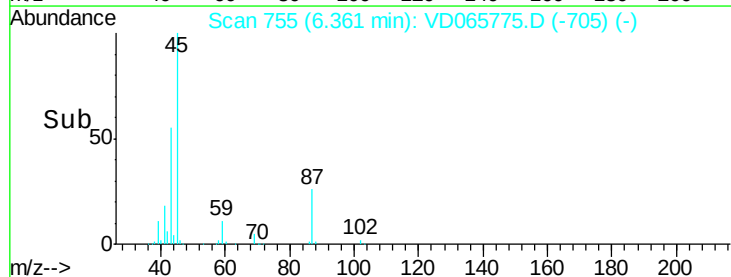
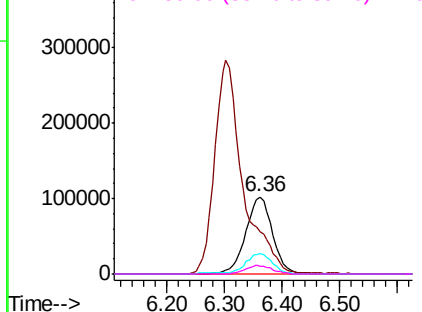
43 54.7 43.4 65.0

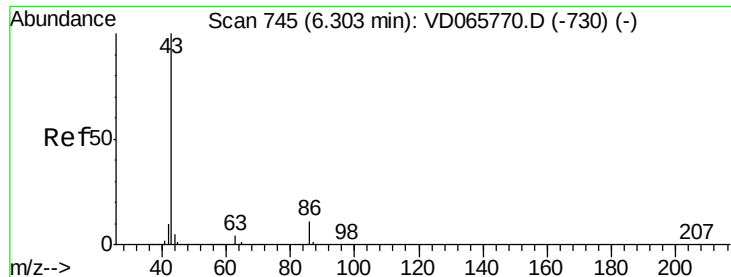
87 26.4 20.2 30.4

59 10.6 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 228.063 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

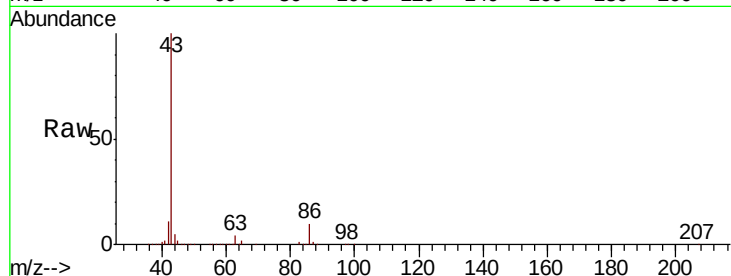
VSTDCCC050

Tot Ion: 43 Resp: 964778

Ion Ratio Lower Upper

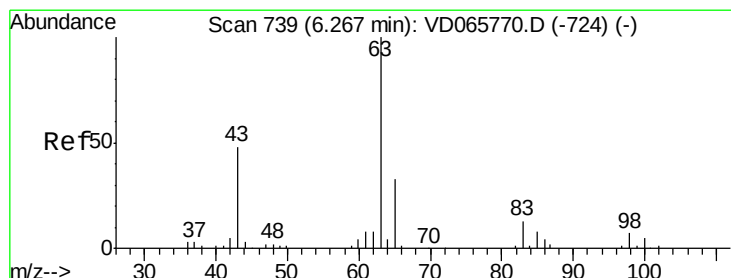
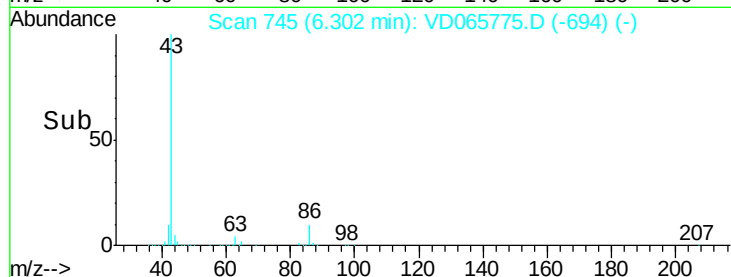
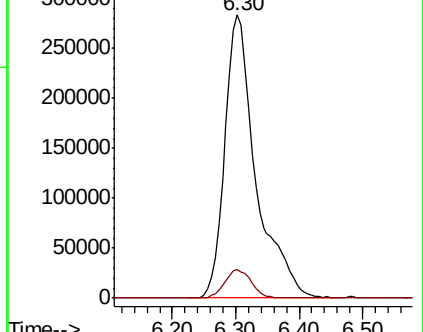
43 100

86 10.3 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 43.033 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

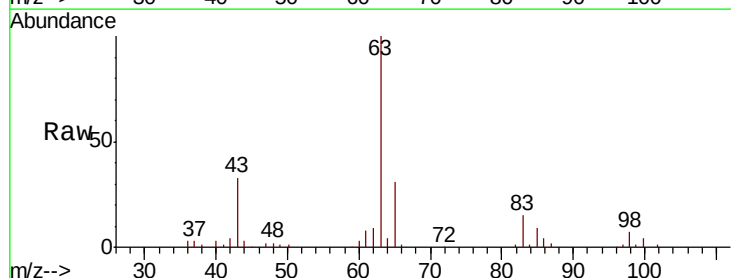
Tgt Ion: 63 Resp: 196425

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

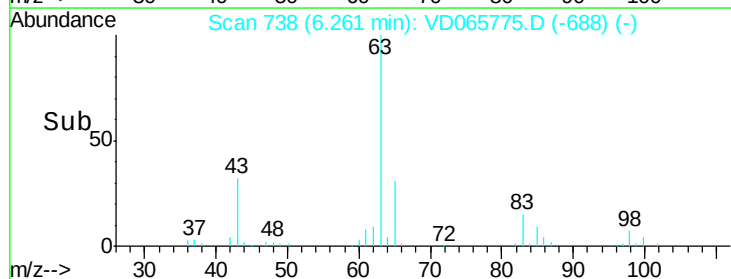
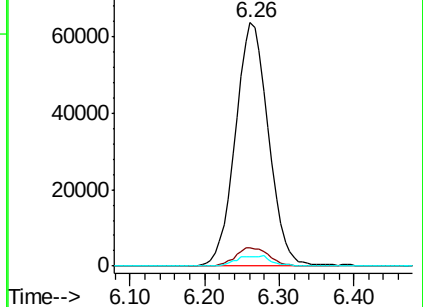
100 4.0 2.3 6.9

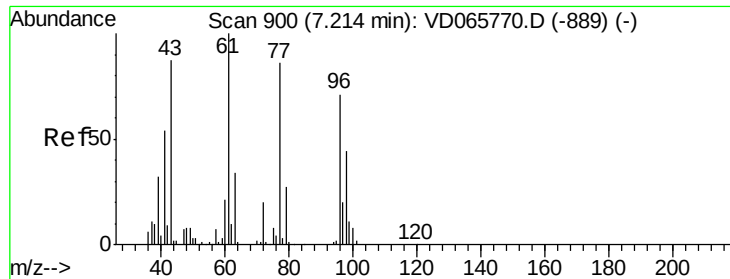


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 231.561 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

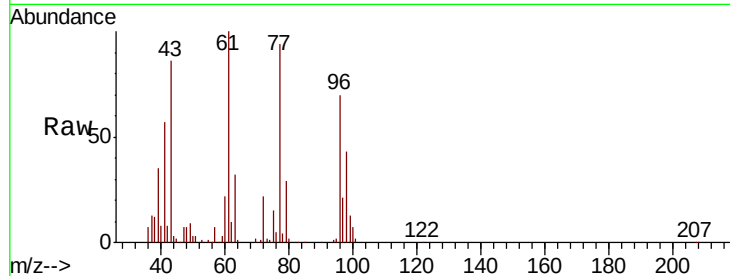
VSTDCCC050

Tot Ion: 43 Resp: 147193

Ion Ratio Lower Upper

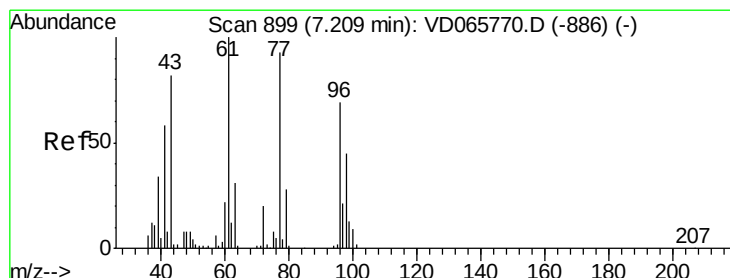
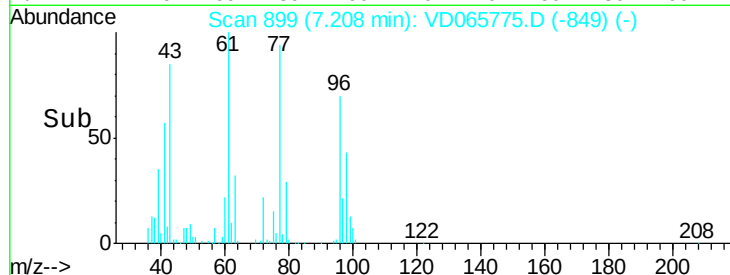
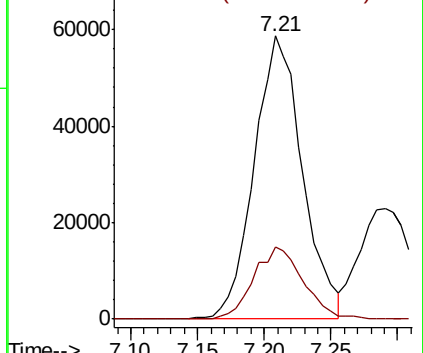
43 100

72 25.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 45.764 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065775.D

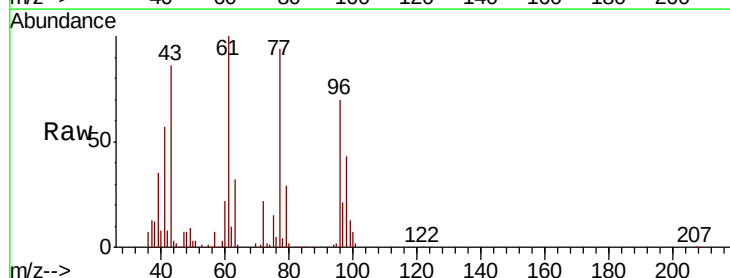
Acq: 08 Jun 2020 12:25

Tgt Ion: 77 Resp: 185220

Ion Ratio Lower Upper

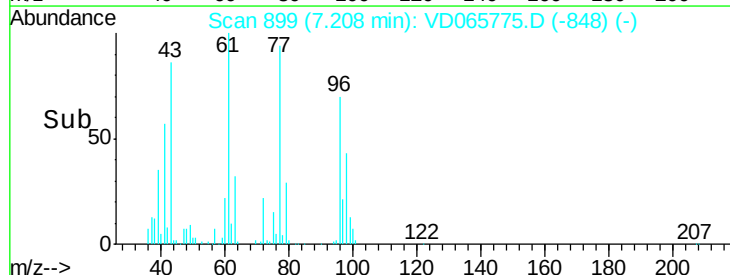
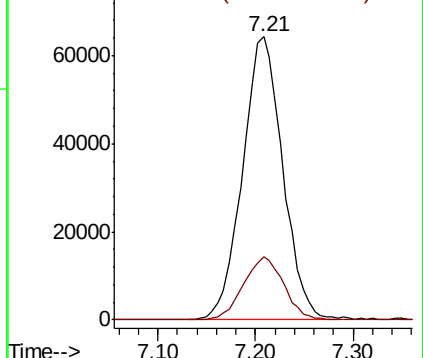
77 100

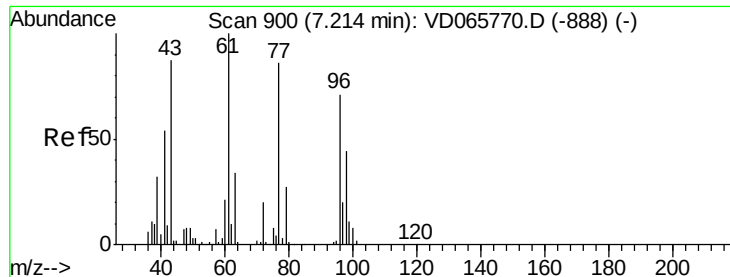
97 22.5 10.9 32.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



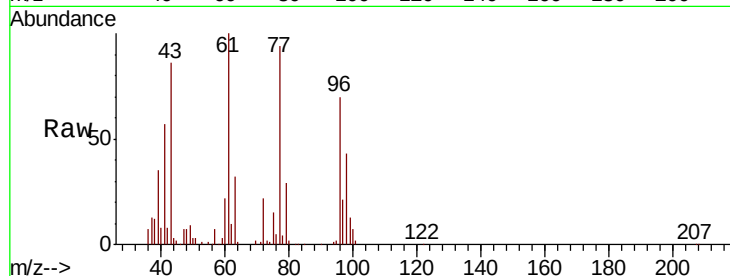


#27

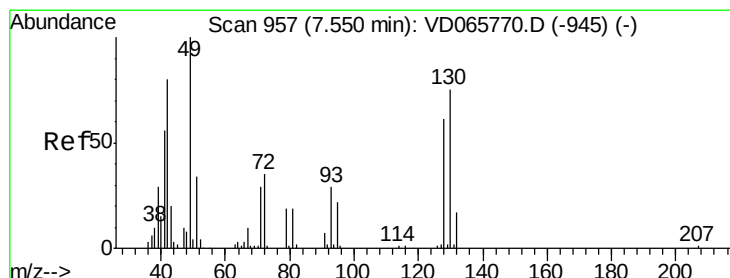
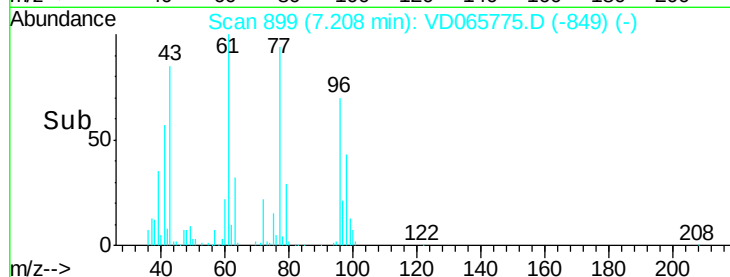
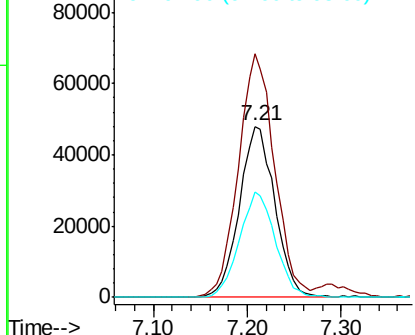
cis-1,2-Dichloroethene
Concen: 44.432 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 125565
Ion Ratio Lower Upper
96 100
61 145.2 0.0 291.2
98 62.2 0.0 128.8



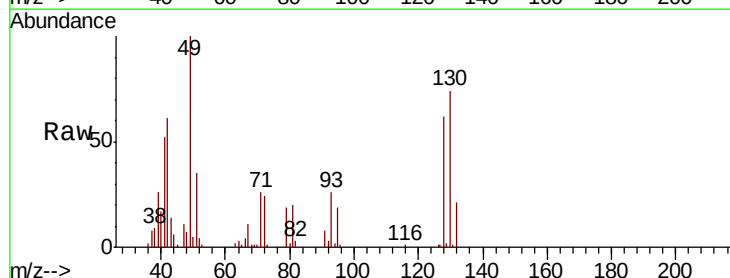
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



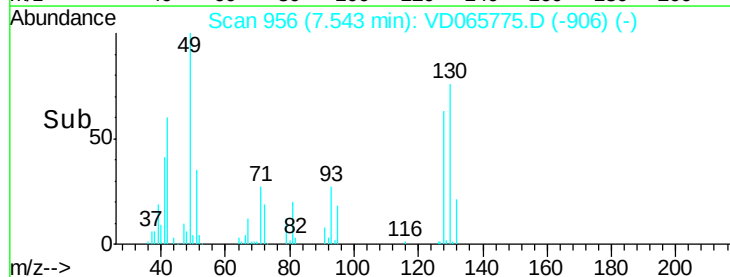
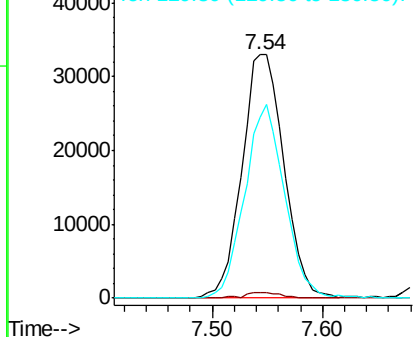
#28

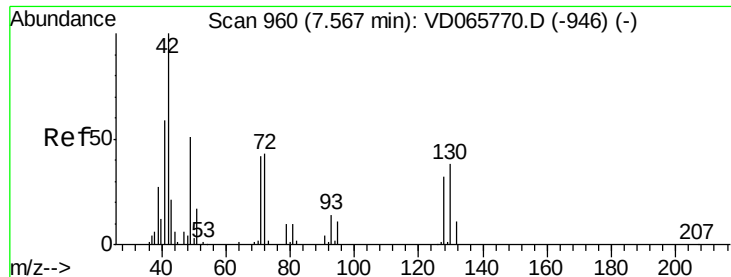
Bromochloromethane
Concen: 49.959 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 49 Resp: 88074
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.6
130 75.9 59.5 89.3



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

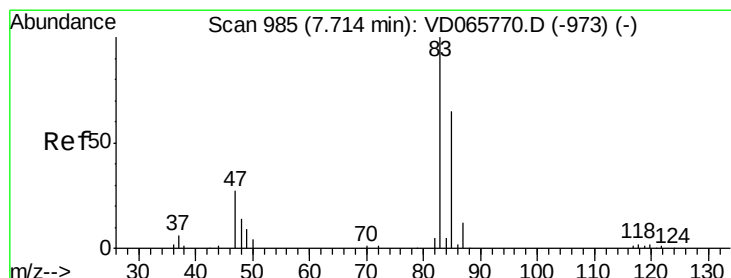
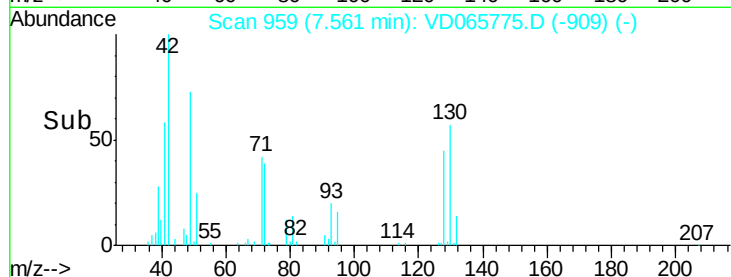
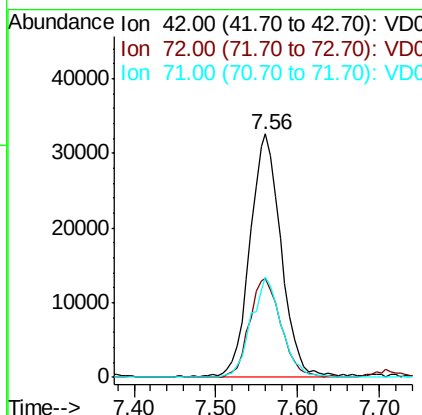
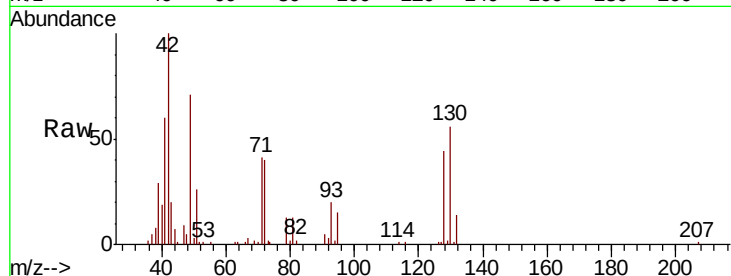




#29
Tetrahydrofuran
Concen: 215.356 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

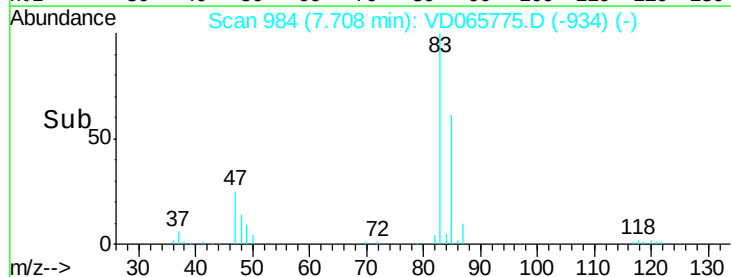
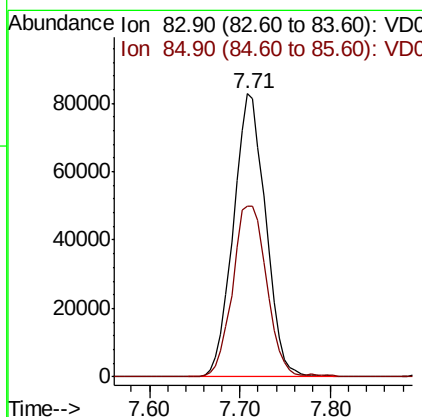
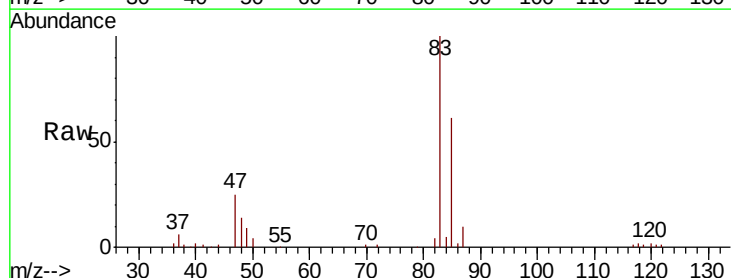
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

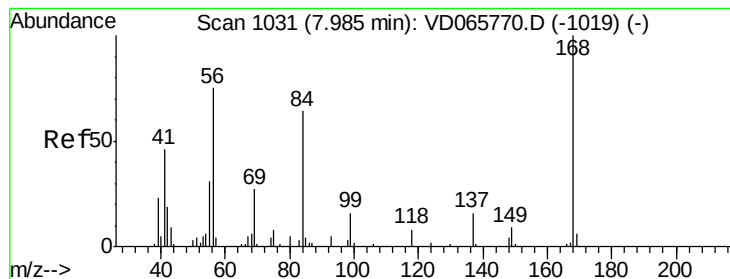
Tot Ion: 42 Resp: 86519
Ion Ratio Lower Upper
42 100
72 40.9 34.9 52.3
71 39.8 31.2 46.8



#30
Chloroform
Concen: 43.318 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 83 Resp: 204946
Ion Ratio Lower Upper
83 100
85 60.5 51.9 77.9





#31

Cyclohexane

Concen: 42.638 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

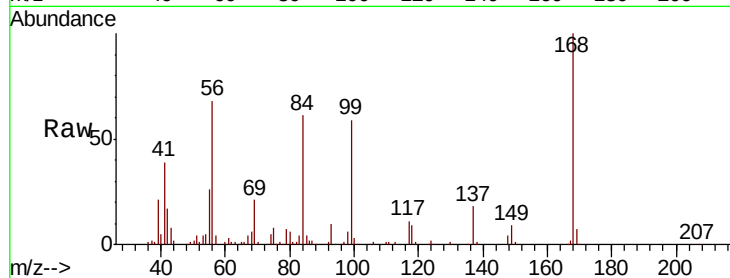
Tot Ion: 56 Resp: 186578

Ion Ratio Lower Upper

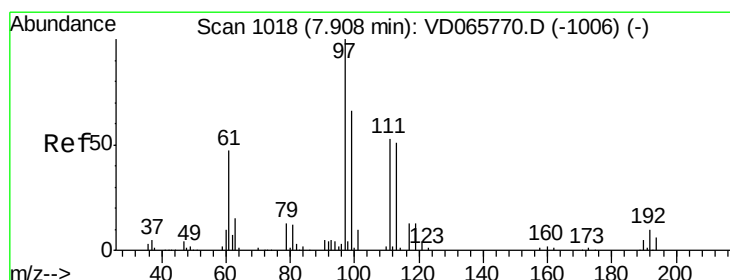
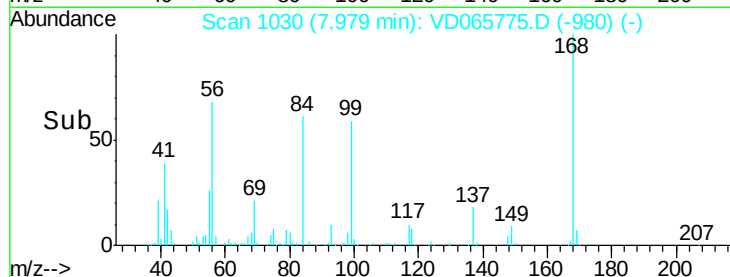
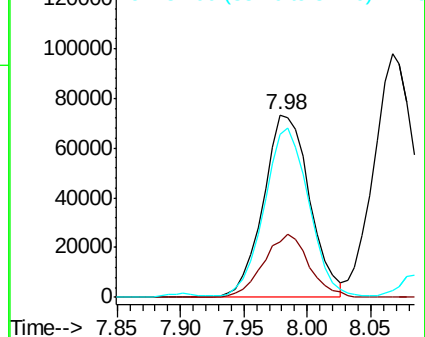
56 100

69 30.4 28.5 42.7

84 87.3 68.4 102.6



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: 43.570 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

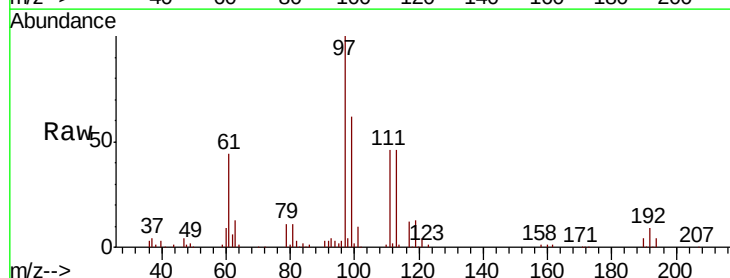
Tgt Ion: 97 Resp: 189546

Ion Ratio Lower Upper

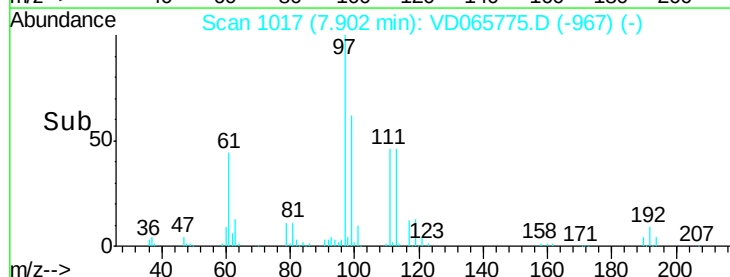
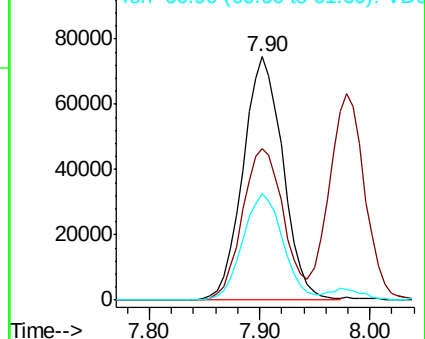
97 100

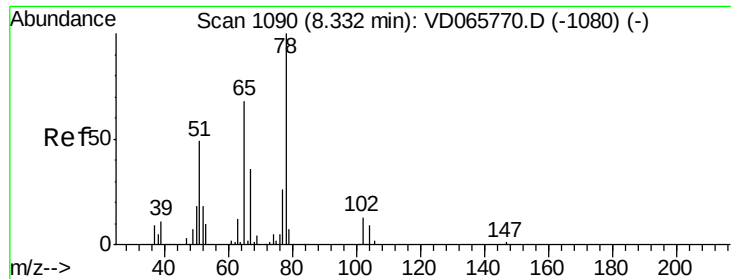
99 64.5 49.2 73.8

61 44.1 36.0 54.0



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

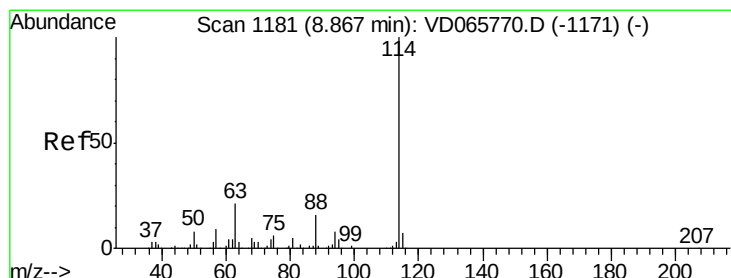
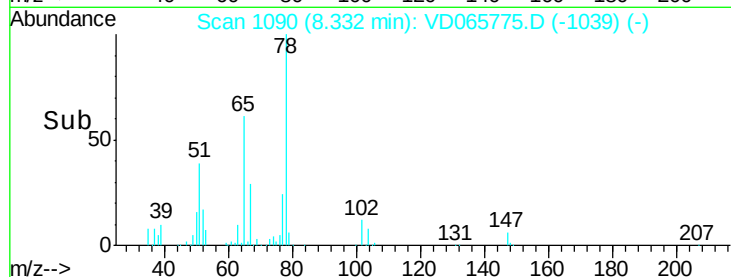
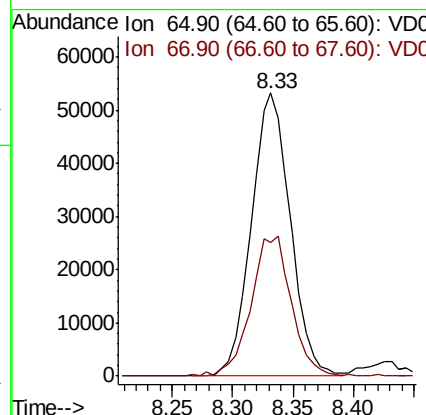
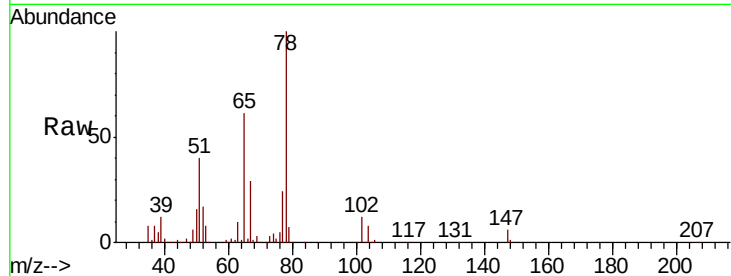




#33
 1,2-Dichloroethane-d4
 Concen: 49.035 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

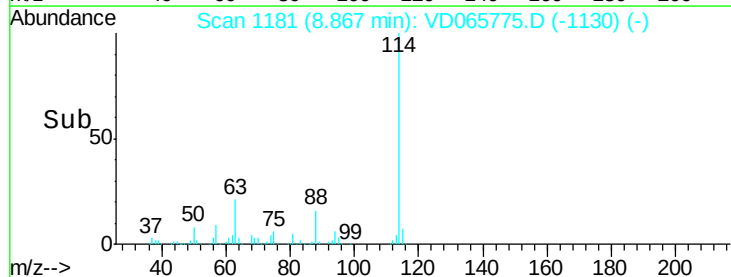
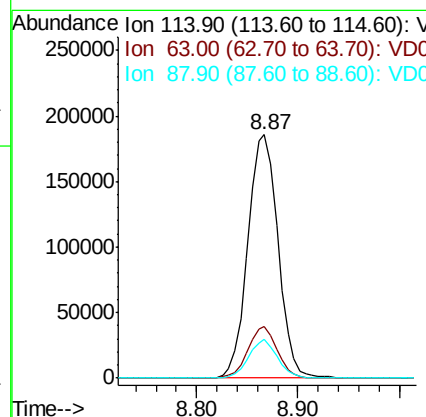
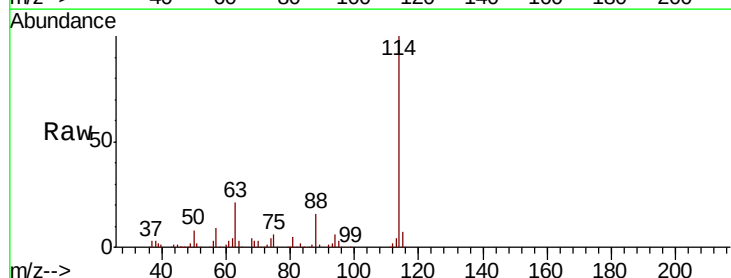
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

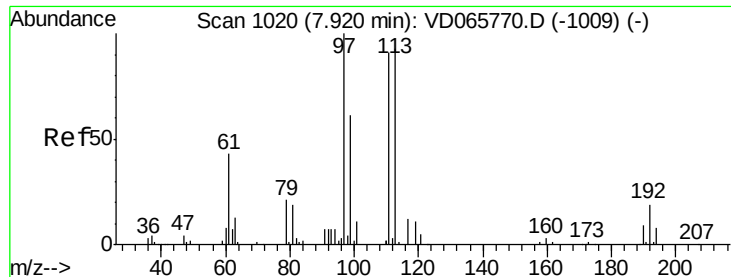
Tot Ion: 65 Resp: 119646
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion: 114 Resp: 384551
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.8
 88 15.9 0.0 32.0

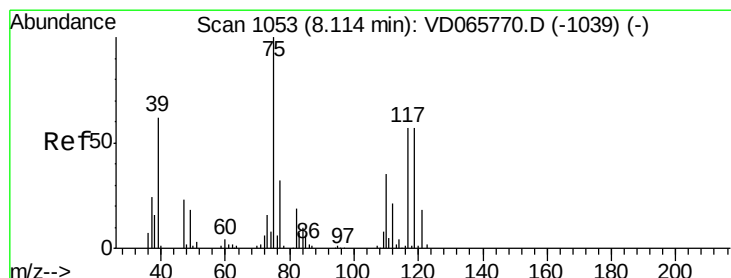
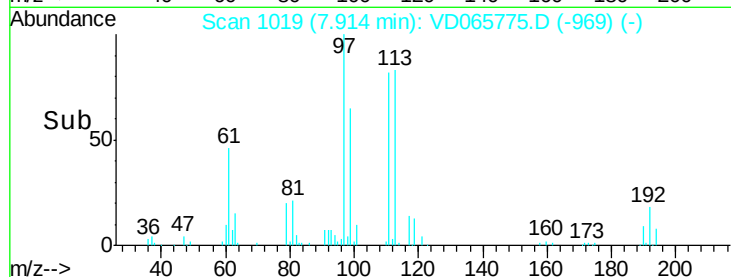
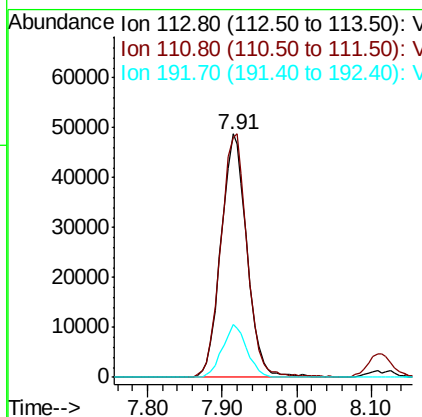
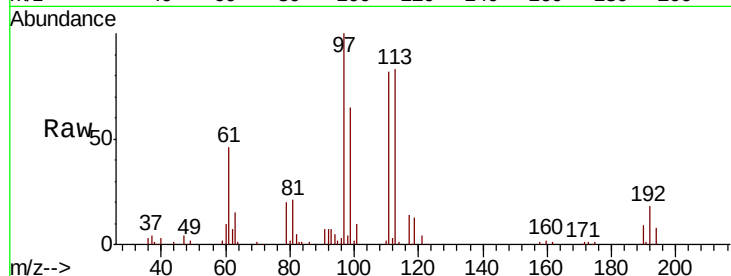




#35
 Dibromofluoromethane
 Concen: 48.377 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

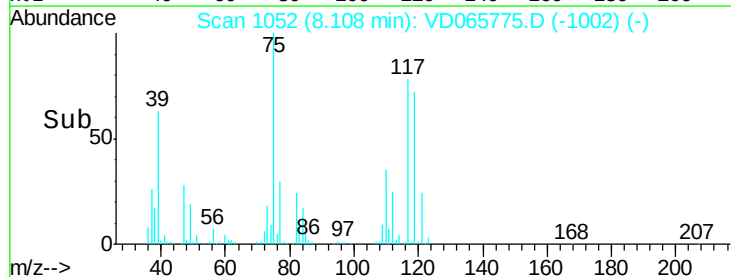
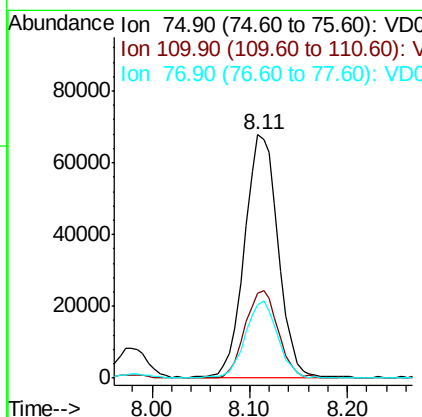
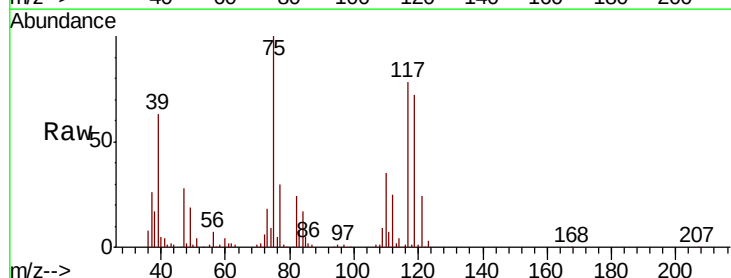
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

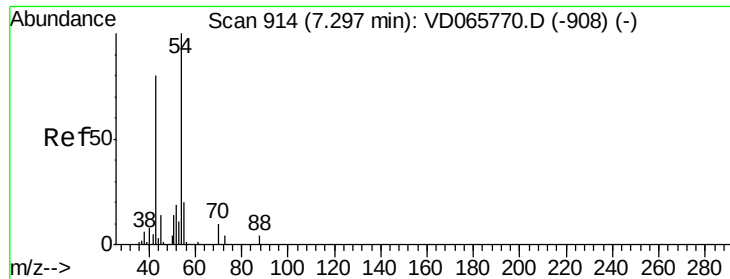
Tot Ion:113 Resp: 117510
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.4 125.0
 192 20.3 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 44.672 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion: 75 Resp: 164559
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.6 52.8
 77 30.6 25.1 37.7

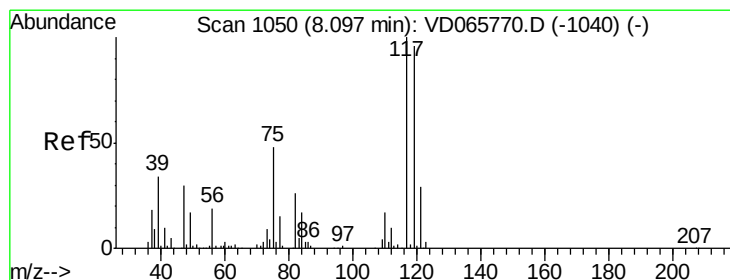
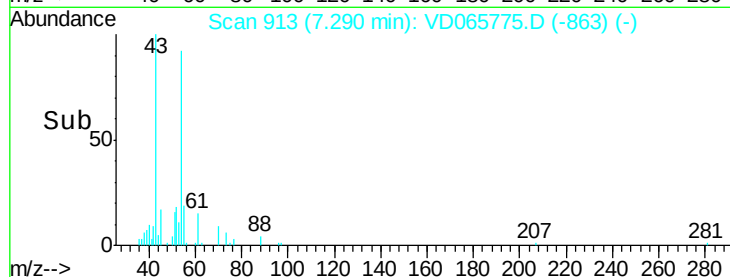
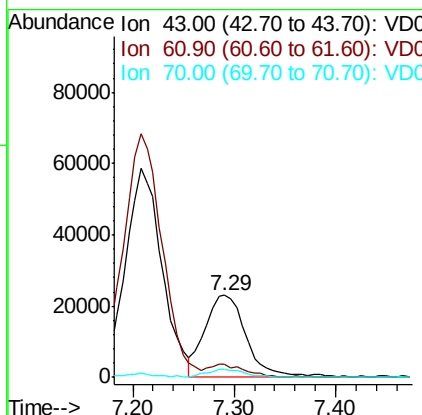
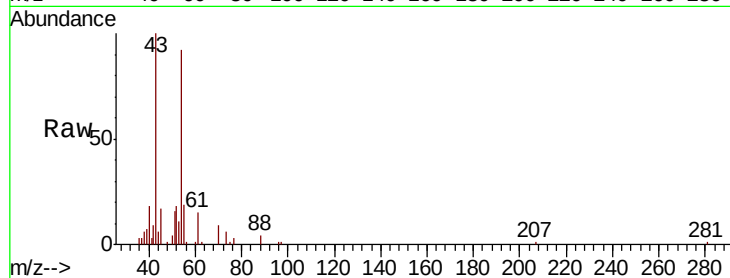




#37
Ethyl Acetate
Concen: 45.052 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

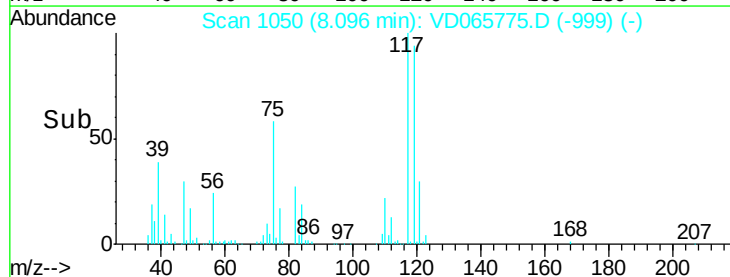
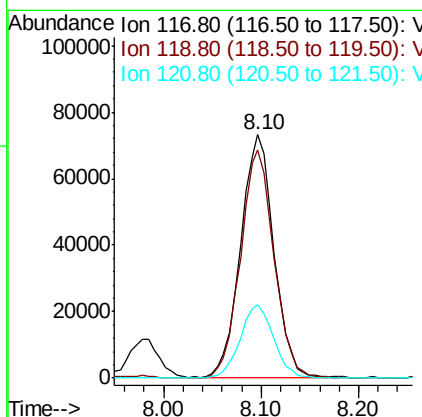
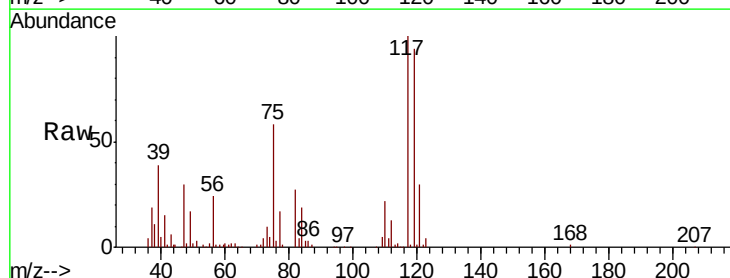
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

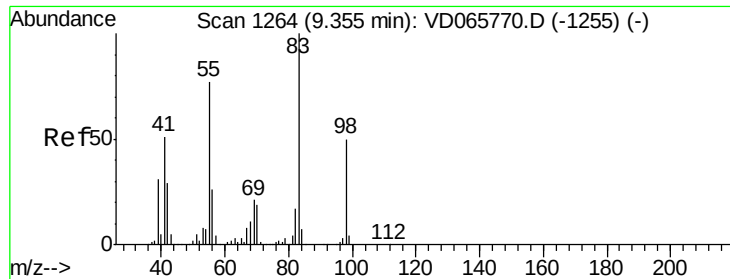
Tot Ion: 43 Resp: 65370
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 9.0 7.5 11.3



#38
Carbon Tetrachloride
Concen: 45.198 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 117 Resp: 175224
Ion Ratio Lower Upper
117 100
119 94.0 76.8 115.2
121 29.9 23.4 35.2

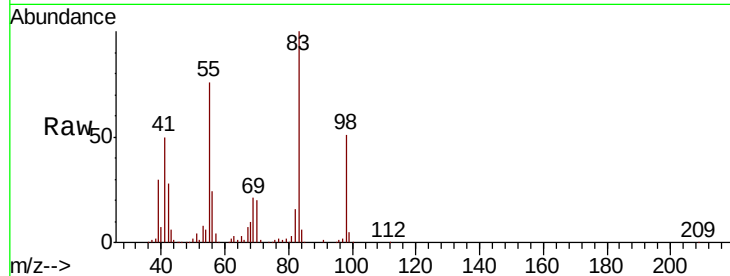




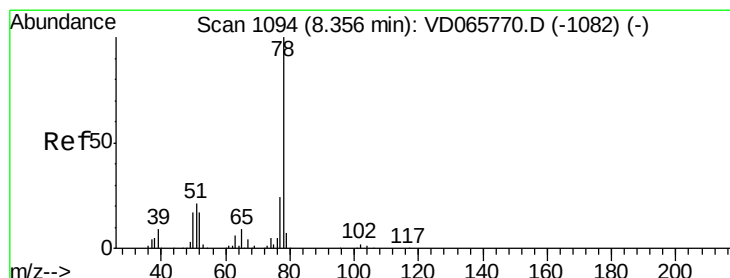
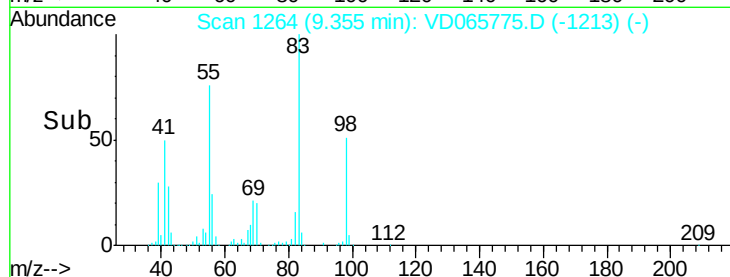
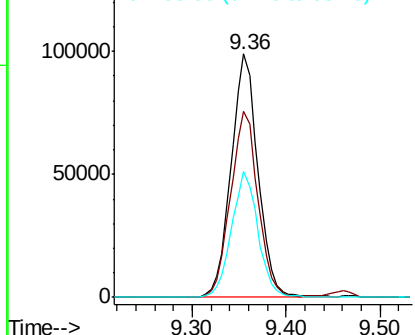
#39
Methylvlcyclohexane
Concen: 45.098 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 196691
Ion Ratio Lower Upper
83 100
55 76.1 61.6 92.4
98 51.5 40.2 60.2

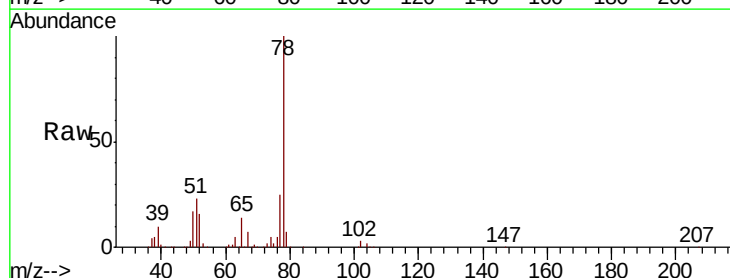


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

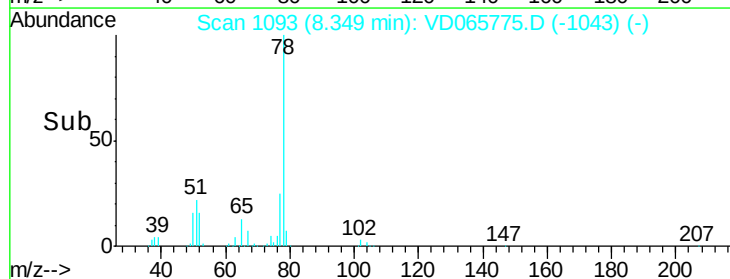
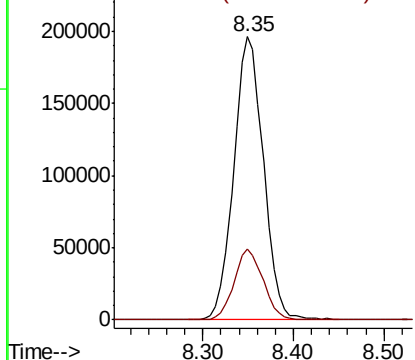


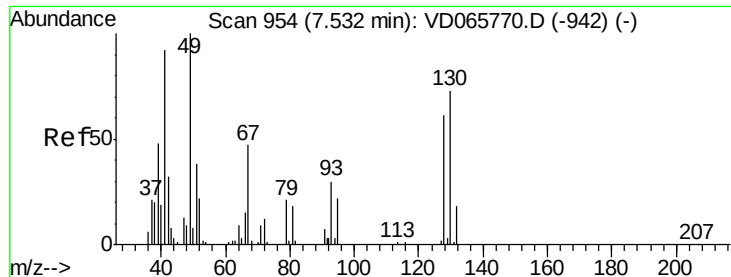
#40
Benzene
Concen: 44.299 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 78 Resp: 446121
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8



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

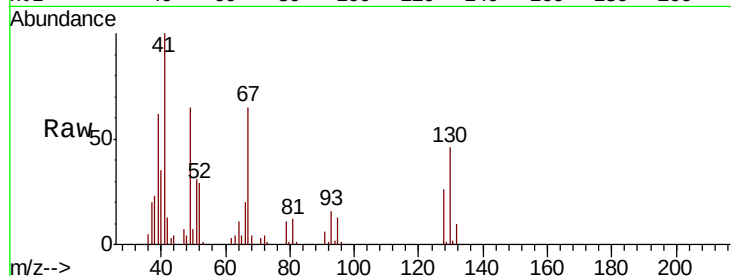




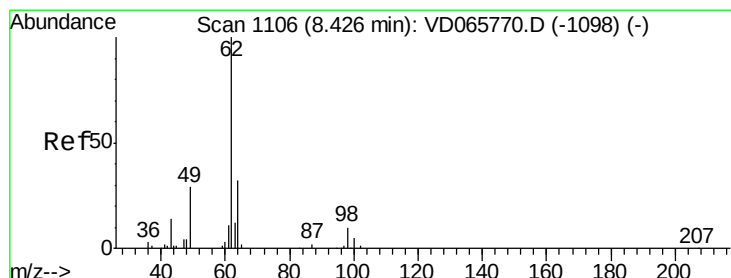
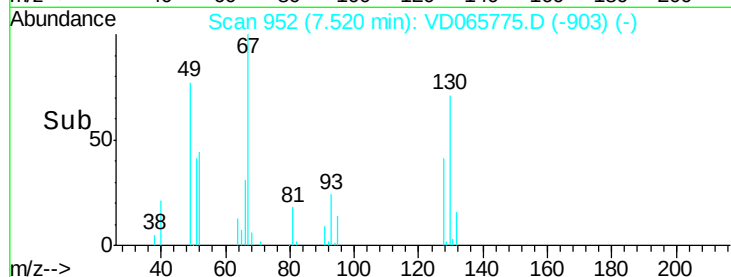
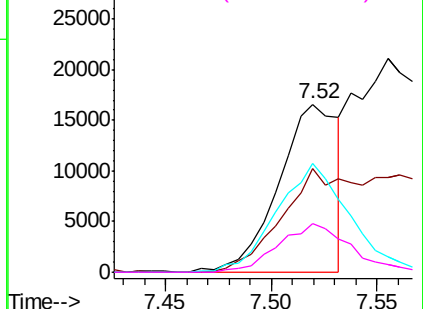
#41
Methacrylonitrile
Concen: 37.745 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 32611
Ion Ratio Lower Upper
41 100
39 77.0 38.3 57.5#
67 79.1 49.8 74.6#
52 34.9 21.7 32.5#

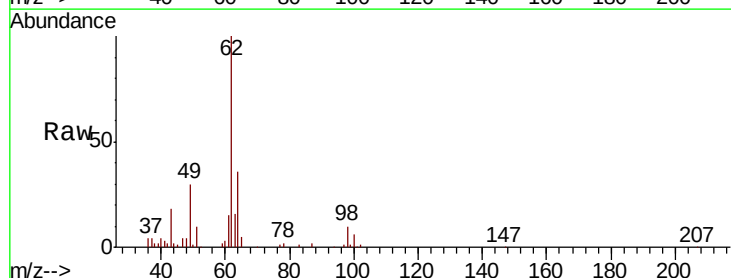


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

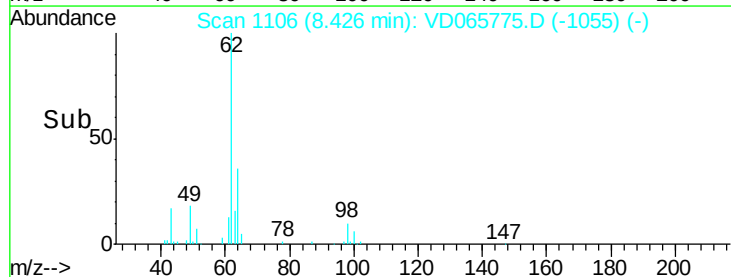
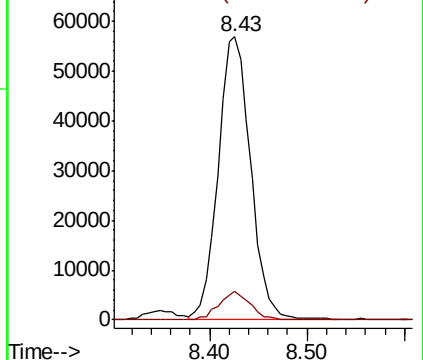


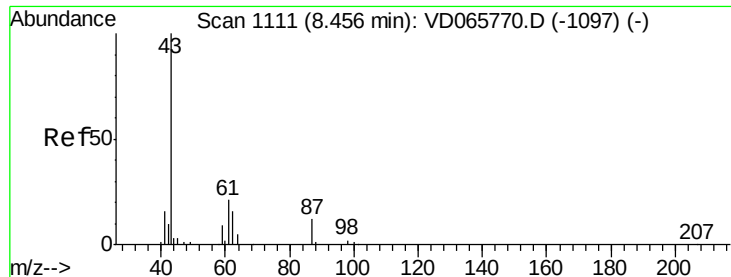
#42
1,2-Dichloroethane
Concen: 43.047 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 62 Resp: 130801
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.6



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





#43

Isopropyl Acetate

Concen: 43.865 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

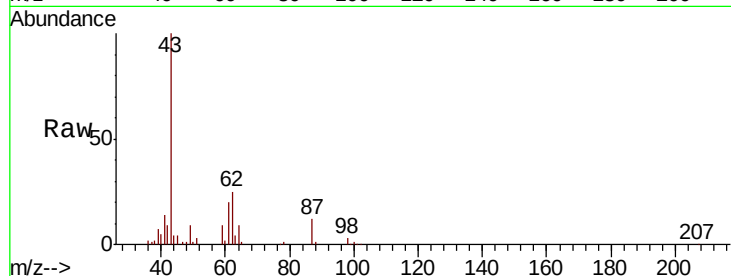
Tot Ion: 43 Resp: 126564

Ion Ratio Lower Upper

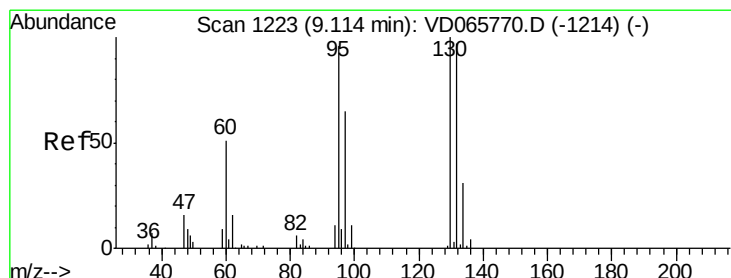
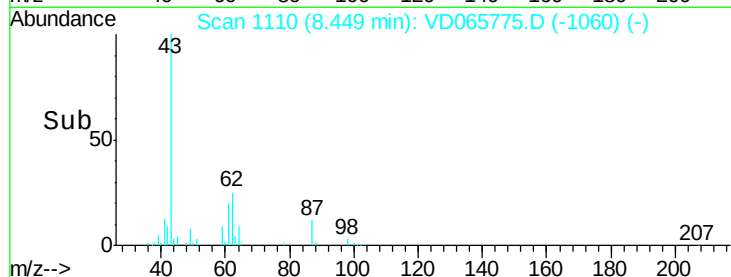
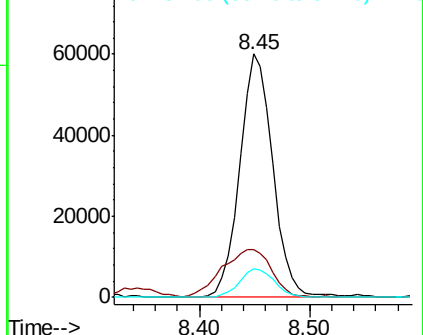
43 100

61 28.5 24.2 36.4

87 12.2 9.5 14.3



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: 44.670 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065775.D

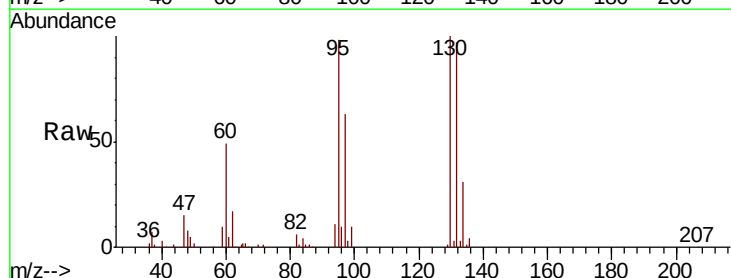
Acq: 08 Jun 2020 12:25

Tgt Ion:130 Resp: 125190

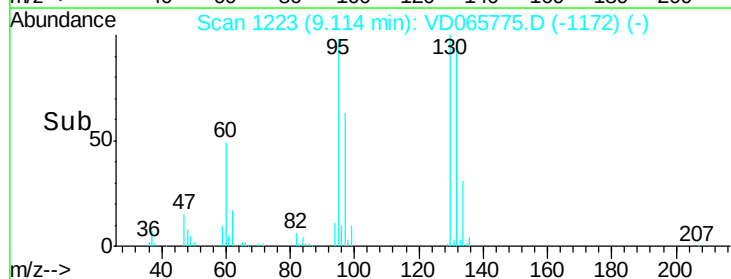
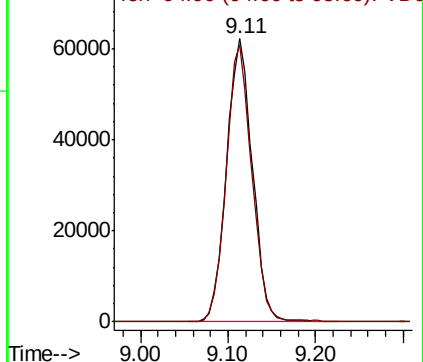
Ion Ratio Lower Upper

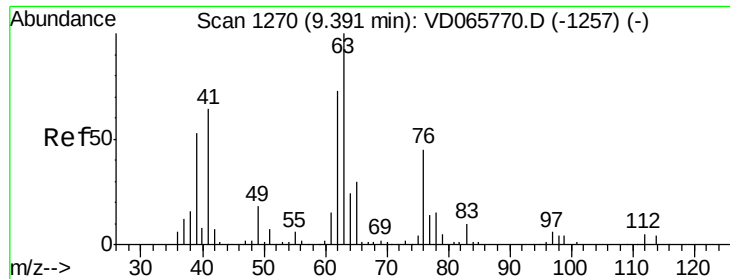
130 100

95 98.0 0.0 192.8



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

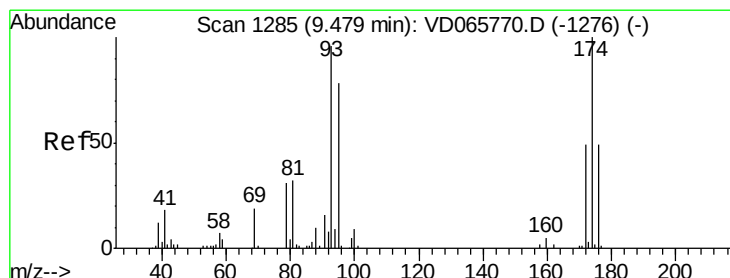
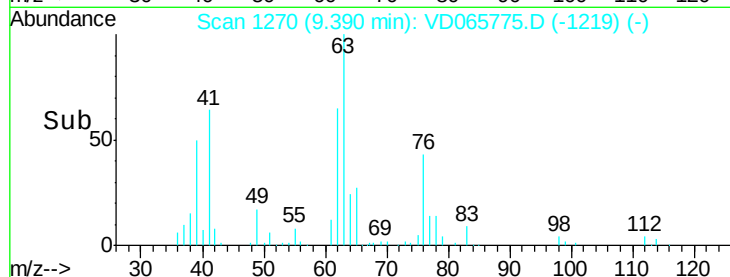
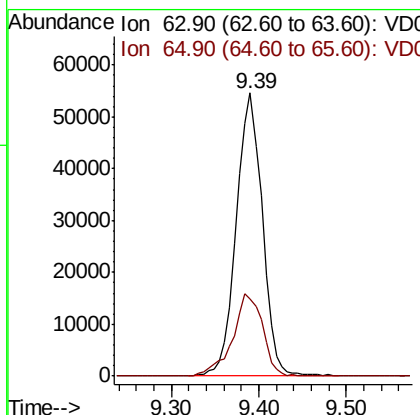
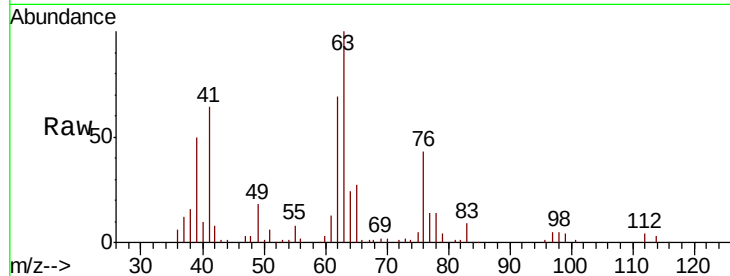




#45
 1,2-Dichloropropane
 Concen: 43.410 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

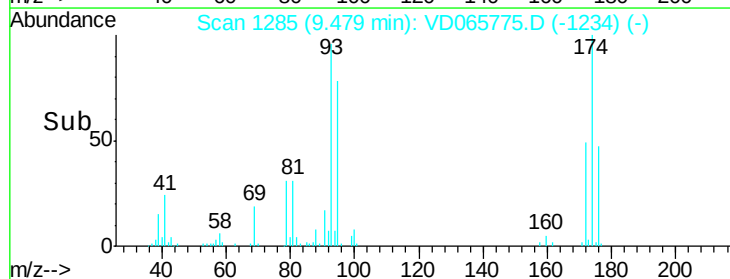
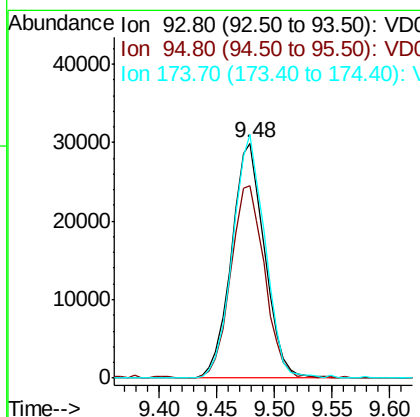
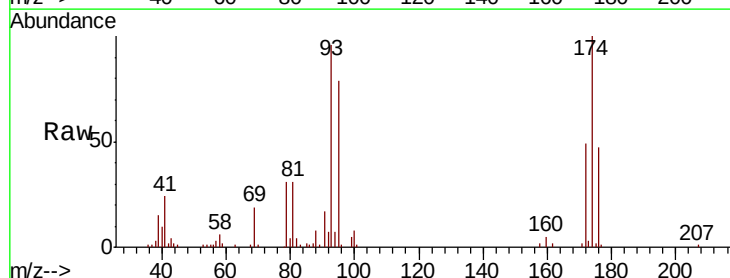
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

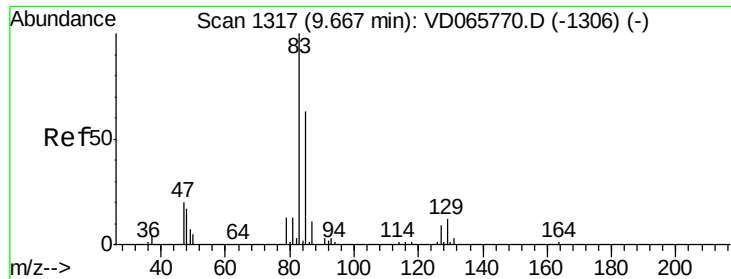
Tot Ion: 63 Resp: 109846
 Ion Ratio Lower Upper
 63 100
 65 27.3 24.2 36.2



#46
 Dibromomethane
 Concen: 43.281 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion: 93 Resp: 59397
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.8 98.6
 174 100.8 80.9 121.3





#47

Bromodichloromethane

Concen: 43.039 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

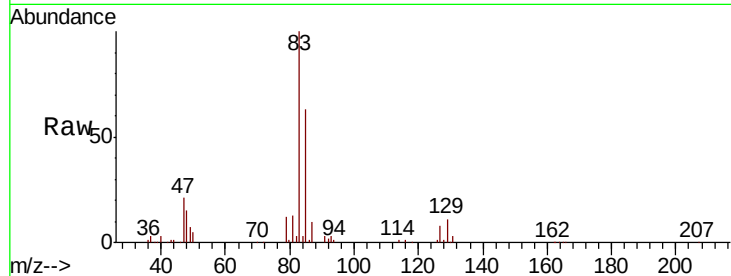
Tot Ion: 83 Resp: 158278

Ion Ratio Lower Upper

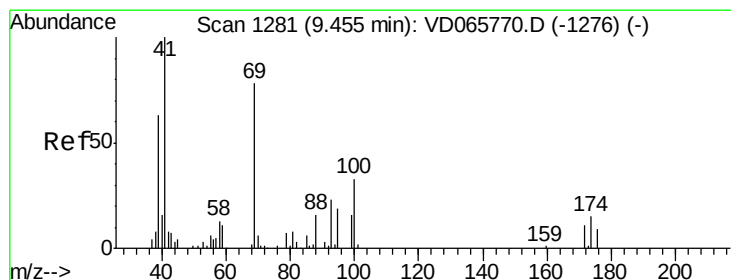
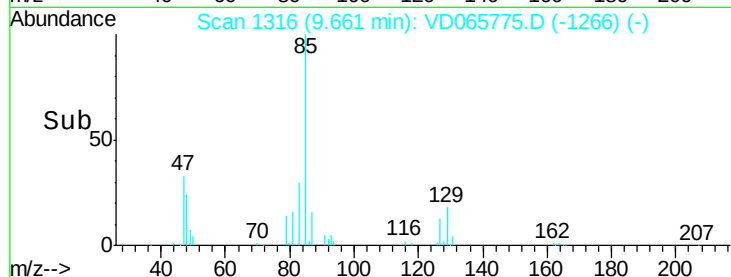
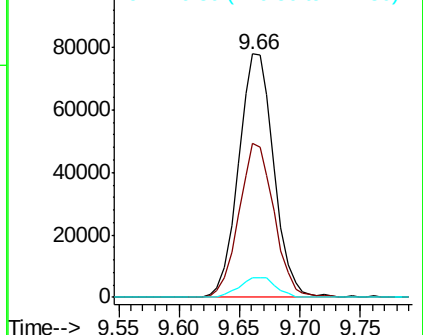
83 100

85 63.0 50.7 76.1

127 8.2 7.1 10.7



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



#48

Methyl methacrylate

Concen: 45.477 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

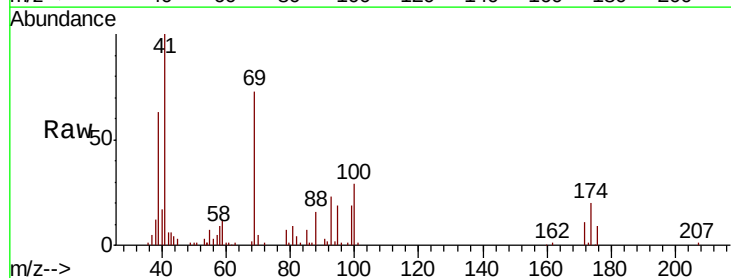
Tgt Ion: 41 Resp: 63514

Ion Ratio Lower Upper

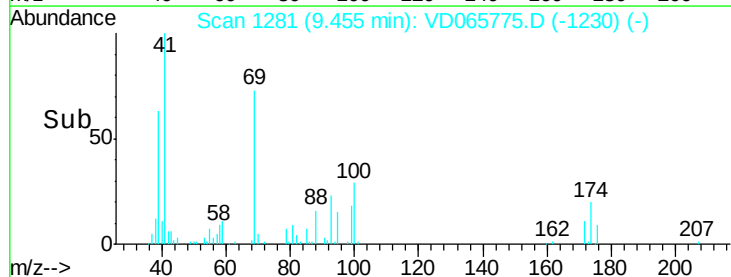
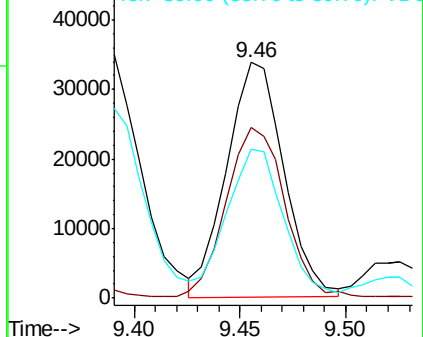
41 100

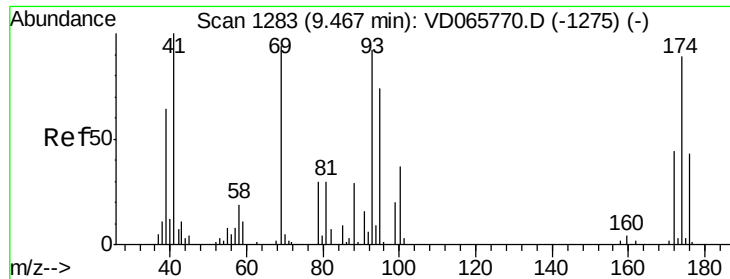
69 75.9 60.9 91.3

39 58.7 48.1 72.1



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





#49

1,4-Dioxane

Concen: 859.509 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

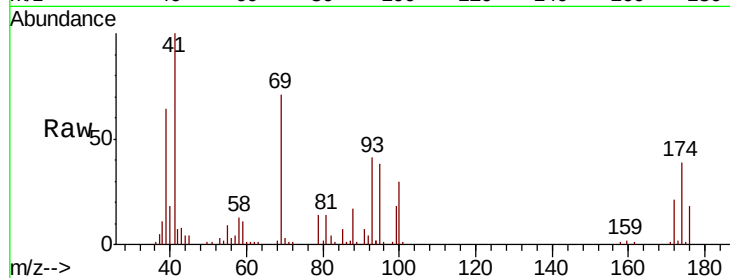
Tot Ion: 88 Resp: 12555

Ion Ratio Lower Upper

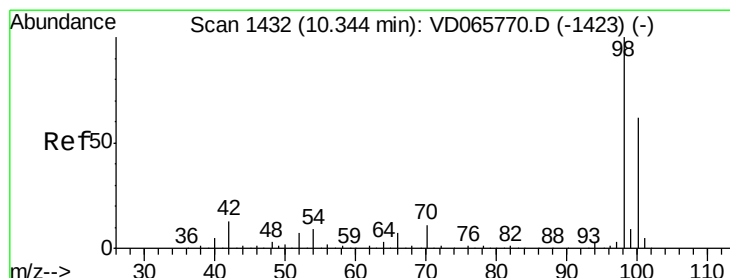
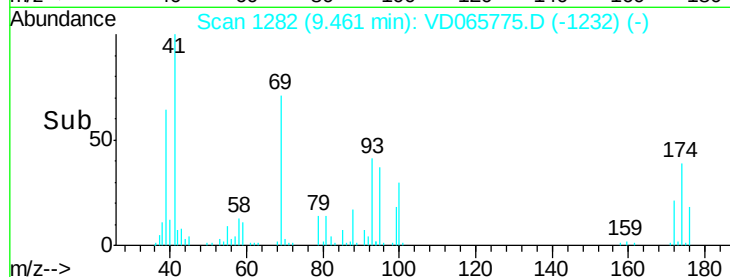
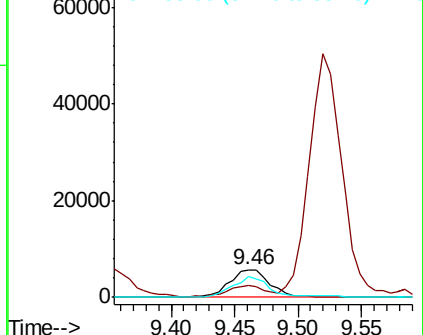
88 100

43 38.5 32.2 48.4

58 66.3 54.9 82.3



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



#50

Toluene-d8

Concen: 49.986 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065775.D

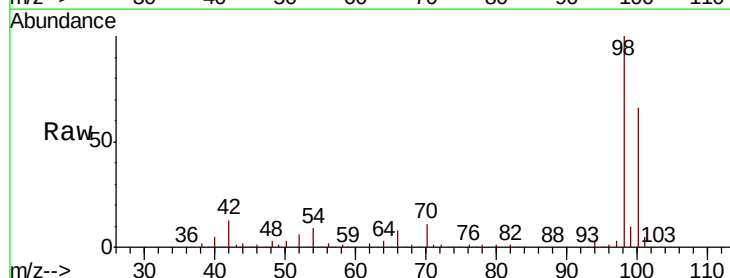
Acq: 08 Jun 2020 12:25

Tgt Ion: 98 Resp: 452758

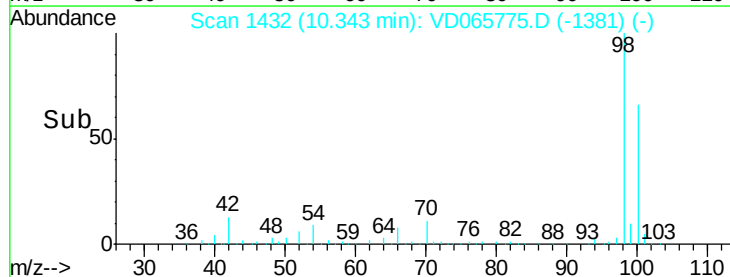
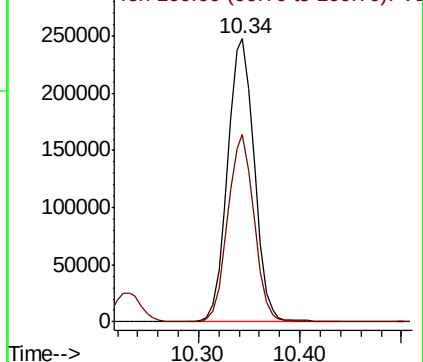
Ion Ratio Lower Upper

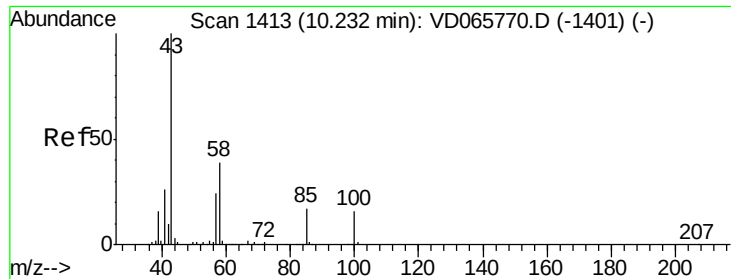
98 100

100 65.3 51.4 77.2



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





#51

4-Methyl-2-Pentanone

Concen: 222.969 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

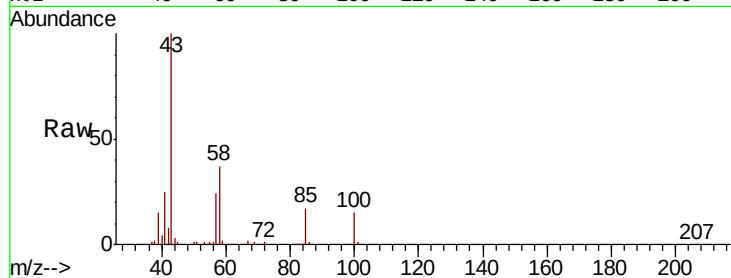
VSTDCCC050

Tot Ion: 43 Resp: 315238

Ion Ratio Lower Upper

43 100

58 36.5 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

200000

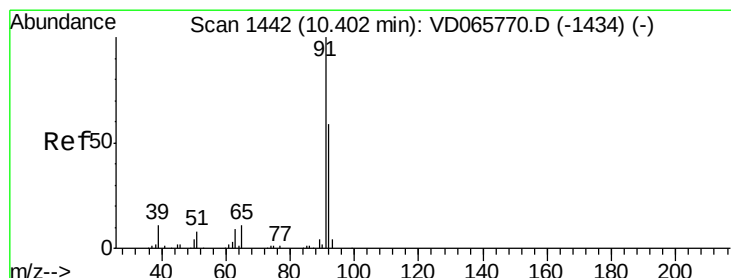
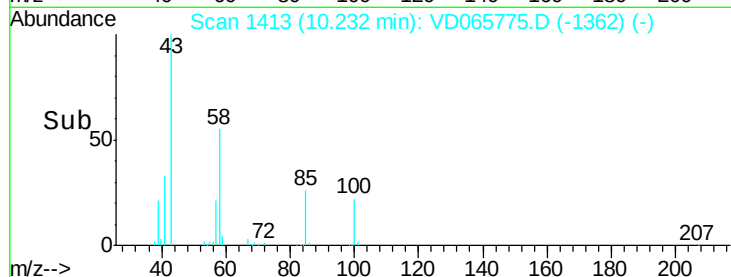
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 45.275 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VD065775.D

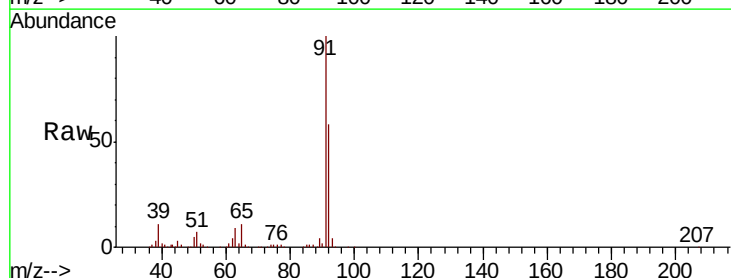
Acq: 08 Jun 2020 12:25

Tgt Ion: 92 Resp: 296257

Ion Ratio Lower Upper

92 100

91 169.6 137.8 206.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

300000

250000

200000

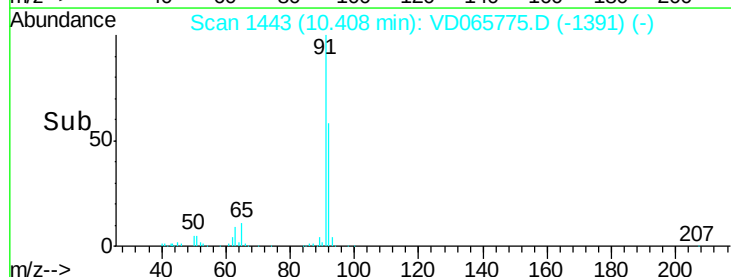
150000

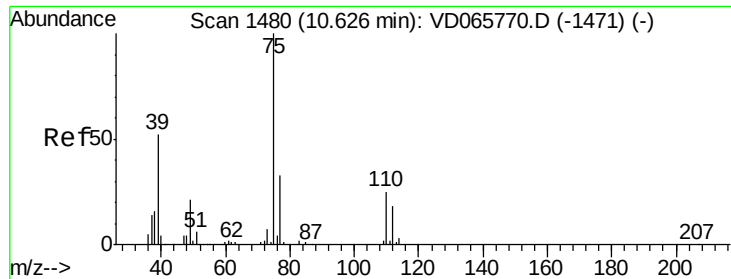
100000

50000

0

Time--> 10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 45.334 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

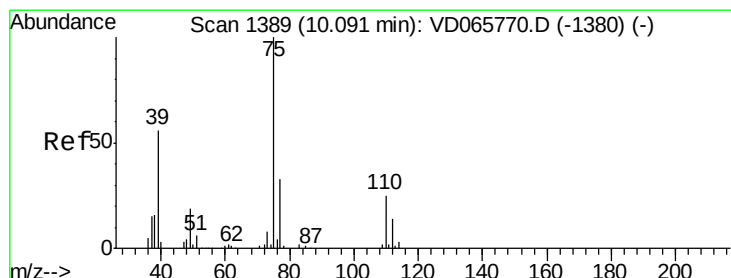
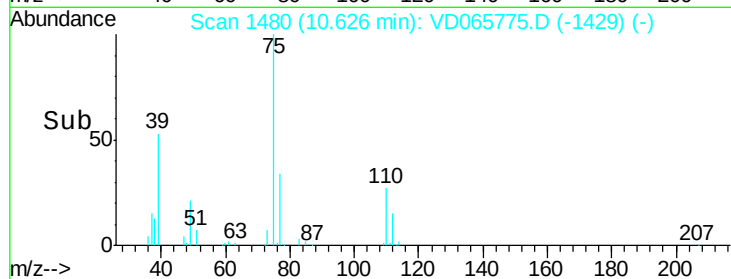
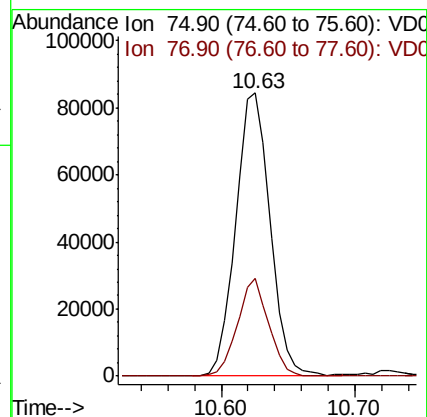
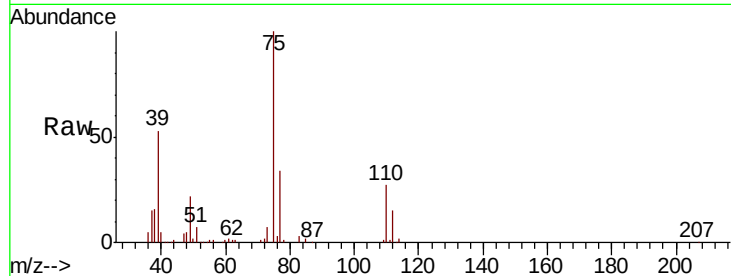
VSTDCCC050

Tot Ion: 75 Resp: 150968

Ion Ratio Lower Upper

75 100

77 34.4 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 44.353 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

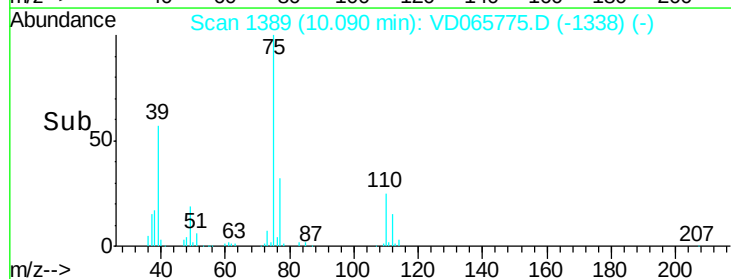
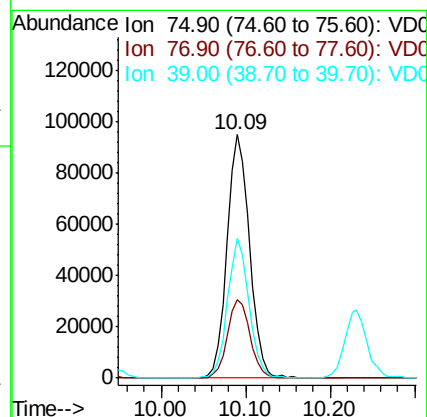
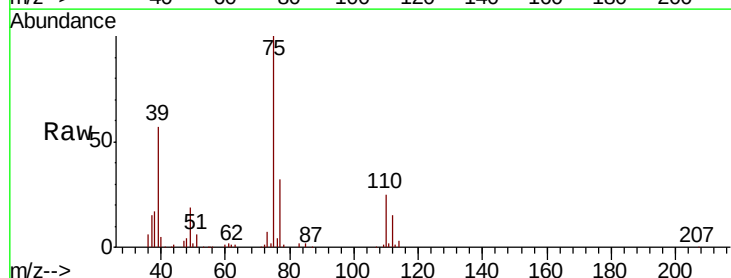
Tgt Ion: 75 Resp: 174440

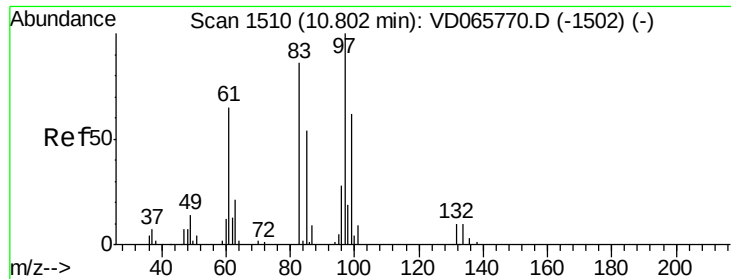
Ion Ratio Lower Upper

75 100

77 32.2 26.0 39.0

39 57.5 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 43.244 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

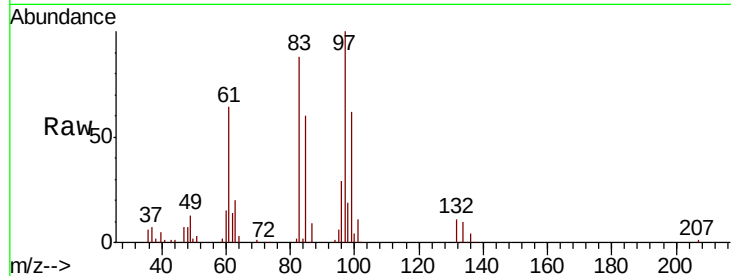
MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 79297

Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.7	103.1
85	60.5	43.0	64.6
99	62.4	49.8	74.6

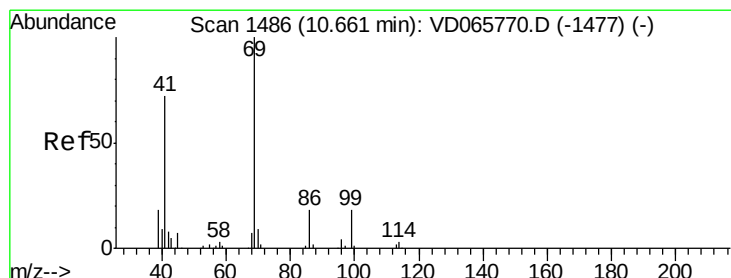
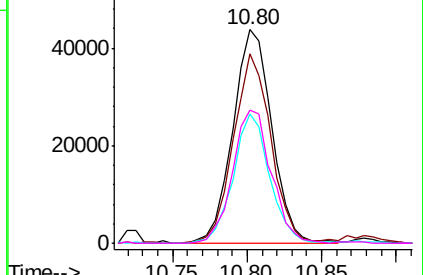
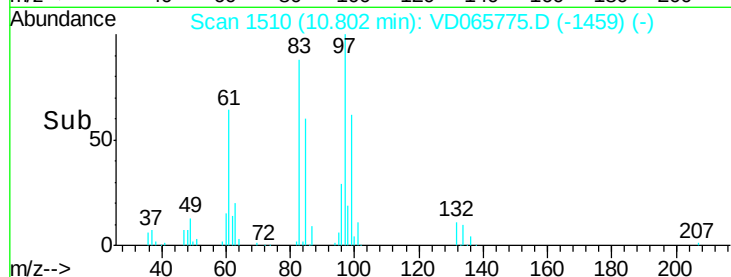


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 44.447 ug/l

RT: 10.67 min Scan# 1487

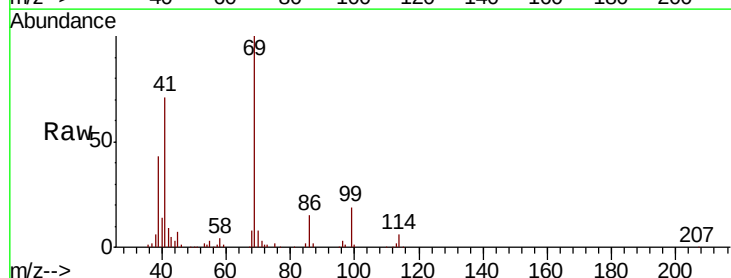
Delta R.T. 0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Tgt Ion: 69 Resp: 95863

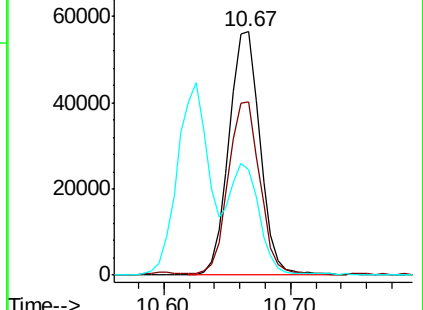
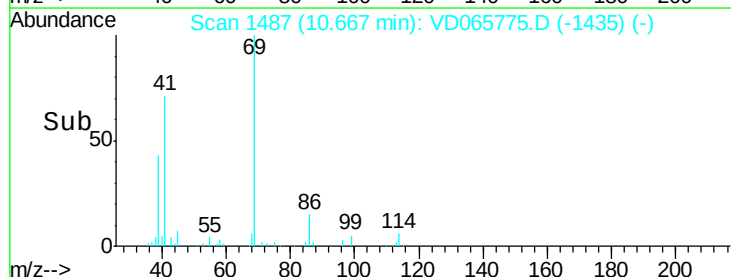
Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.9	85.3
39	44.4	36.0	54.0

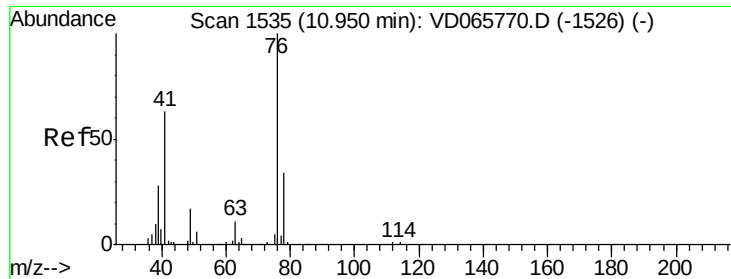


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

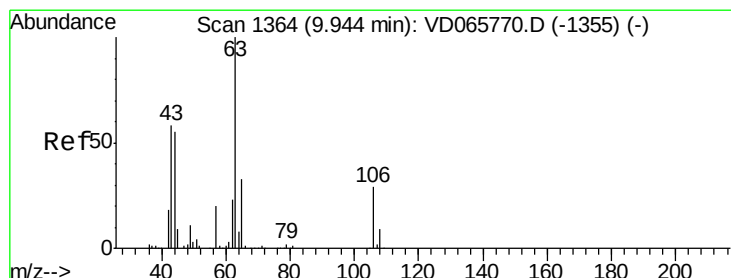
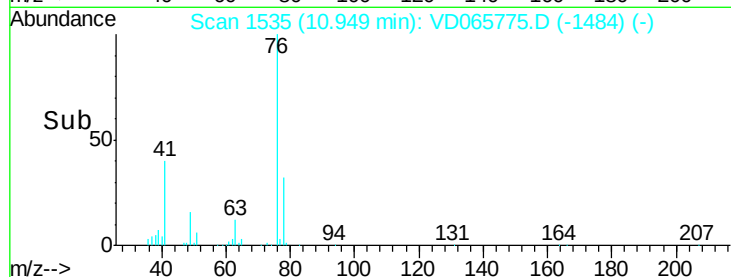
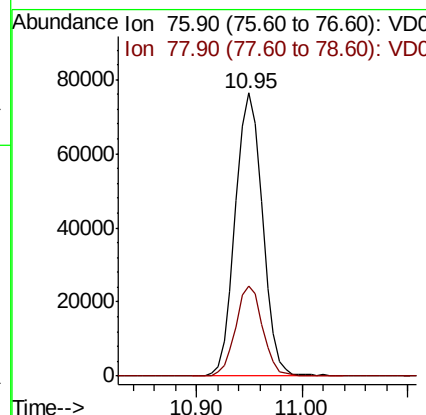
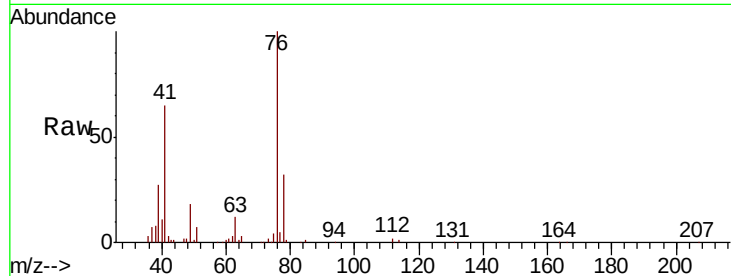




#57
 1,3-Dichloropropane
 Concen: 42.951 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

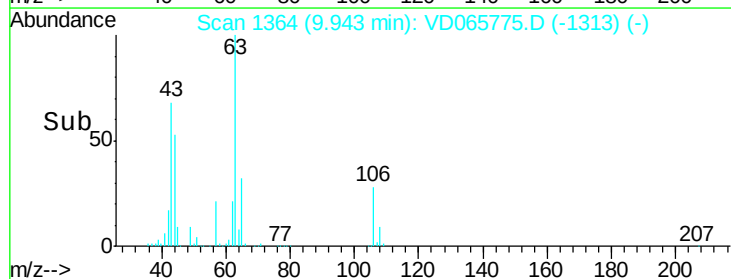
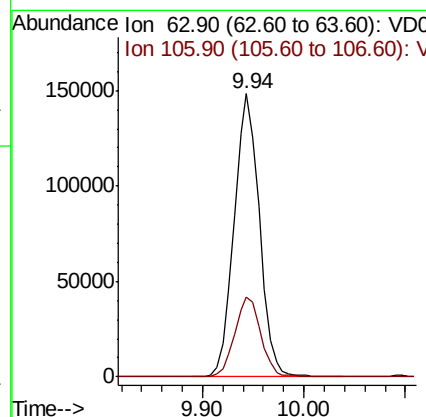
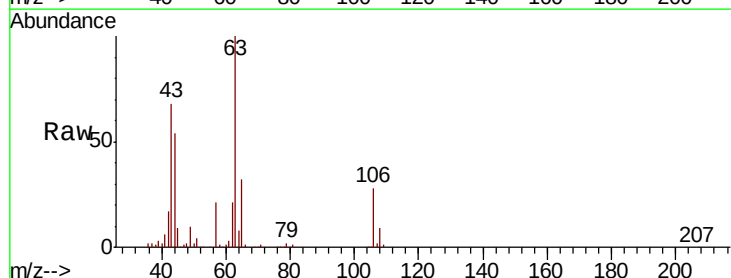
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

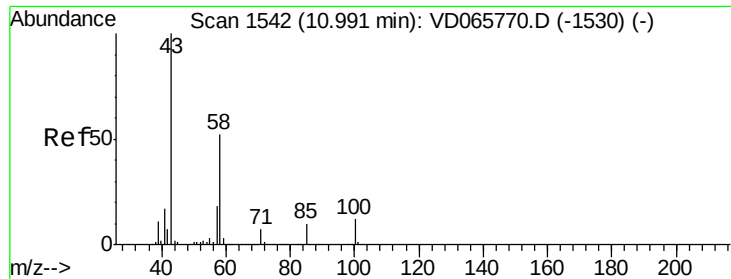
Tot Ion: 76 Resp: 136450
 Ion Ratio Lower Upper
 76 100
 78 31.3 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.317 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion: 63 Resp: 257018
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.2 34.8

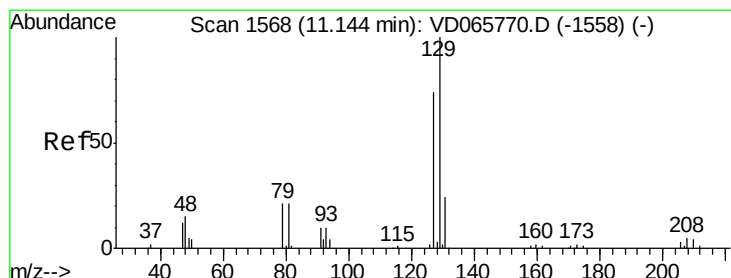
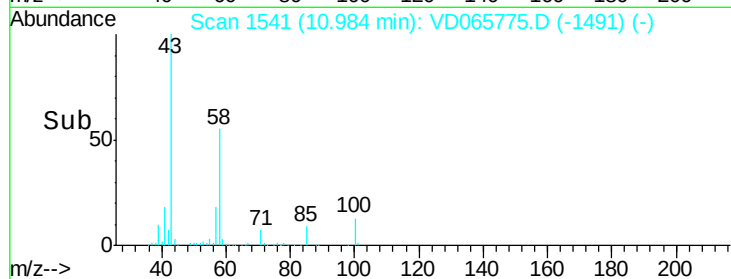
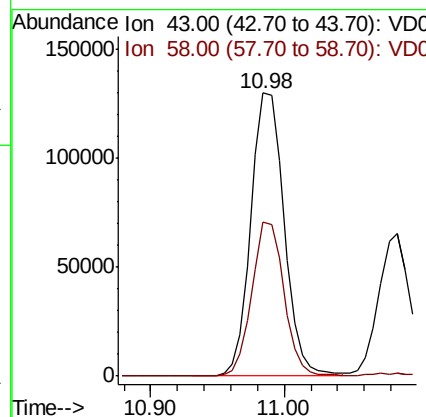
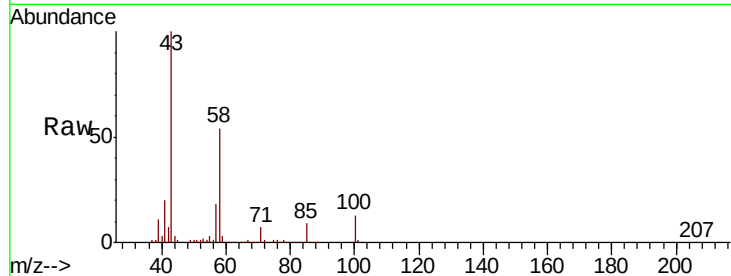




#59
2-Hexanone
Concen: 235.392 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

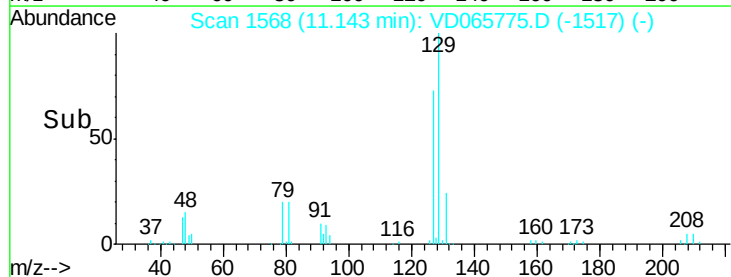
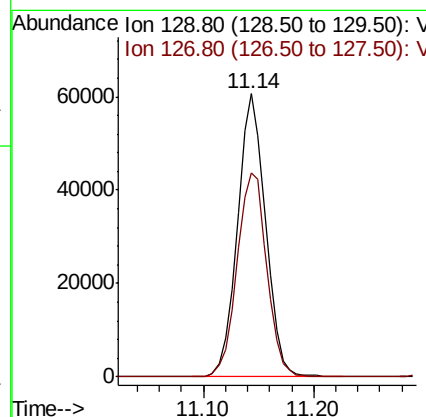
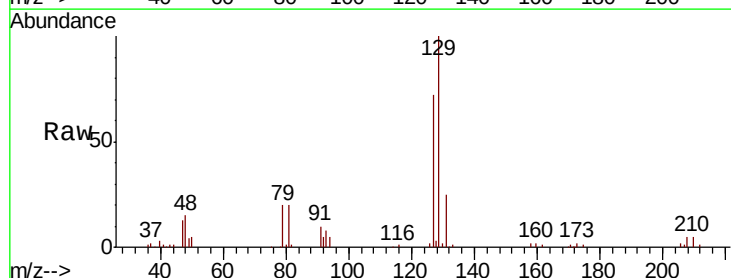
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

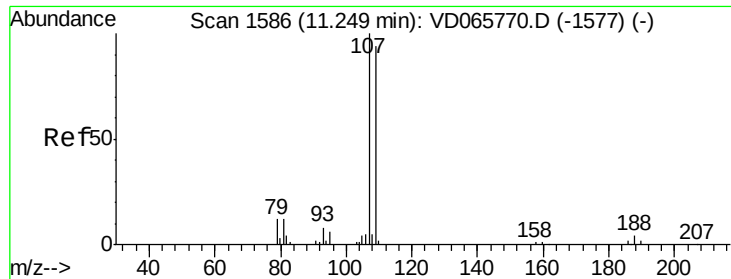
Tot Ion: 43 Resp: 224372
Ion Ratio Lower Upper
43 100
58 52.5 25.7 77.0



#60
Dibromochloromethane
Concen: 43.736 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 129 Resp: 108339
Ion Ratio Lower Upper
129 100
127 76.1 38.0 113.9

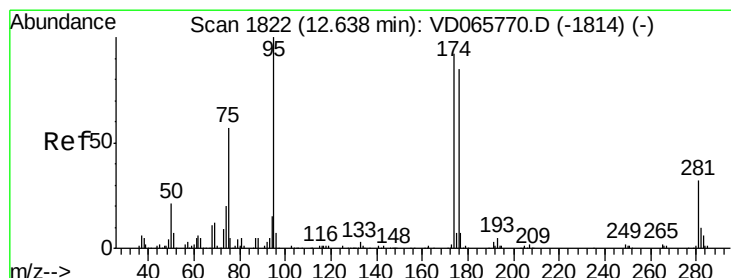
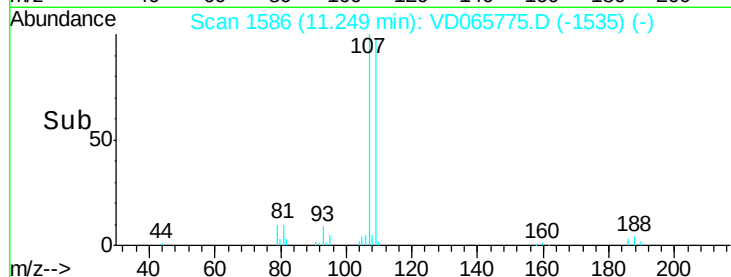
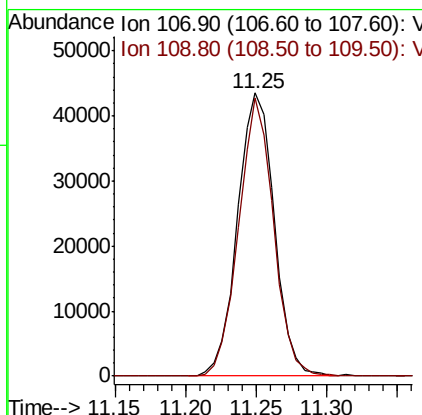
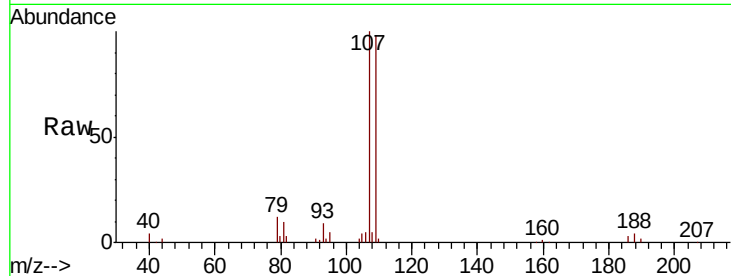




#61
 1,2-Dibromoethane
 Concen: 43.922 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

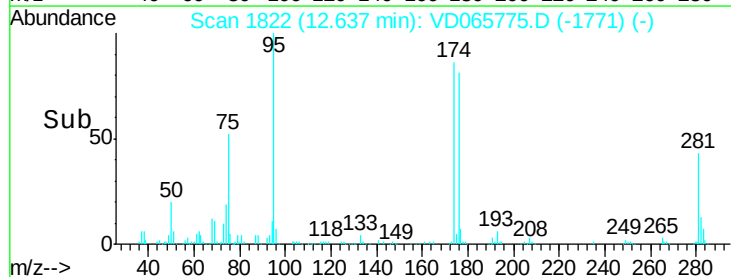
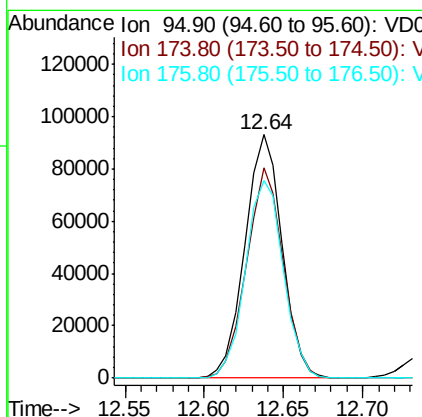
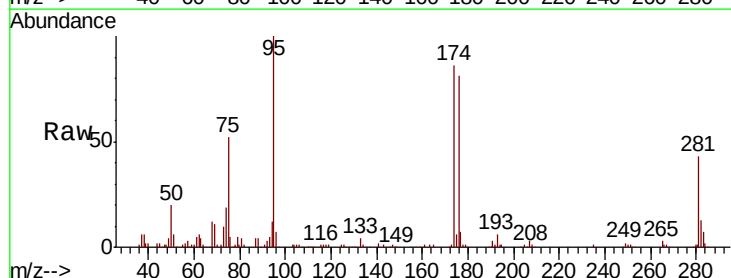
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

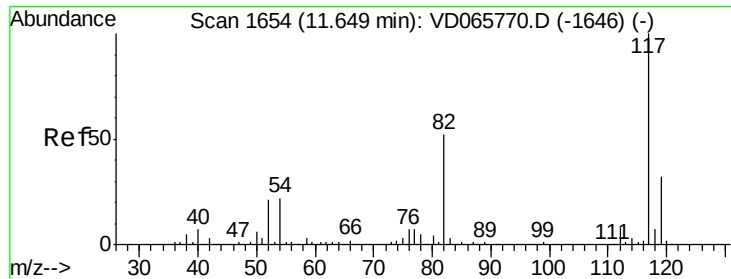
Tot Ion:107 Resp: 79151
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 49.394 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion: 95 Resp: 151727
 Ion Ratio Lower Upper
 95 100
 174 85.4 0.0 175.2
 176 83.0 0.0 163.0

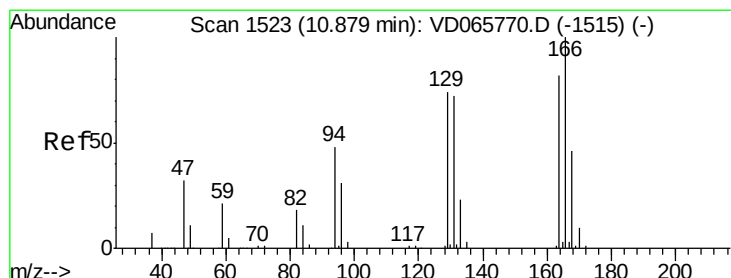
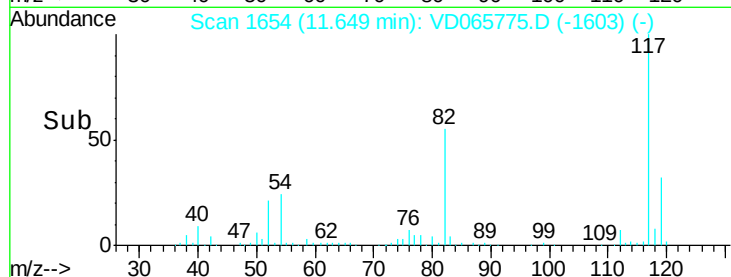
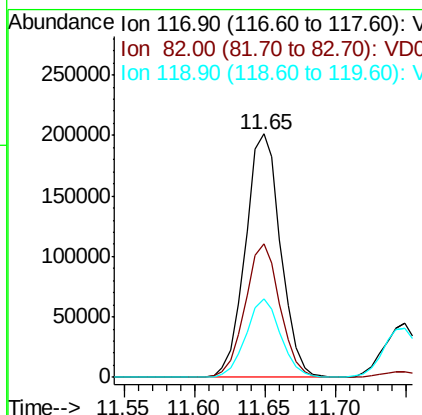
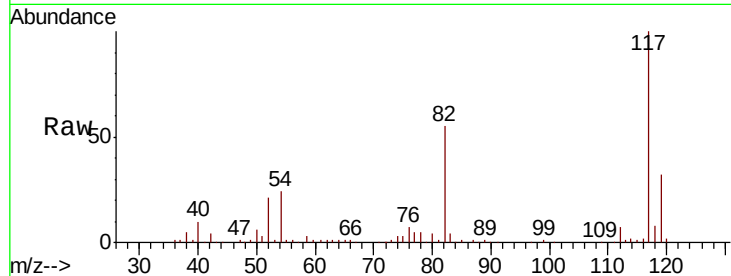




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

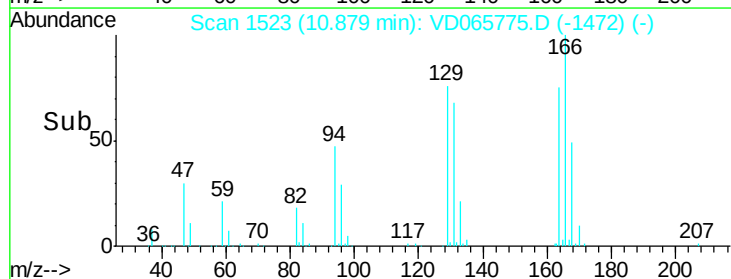
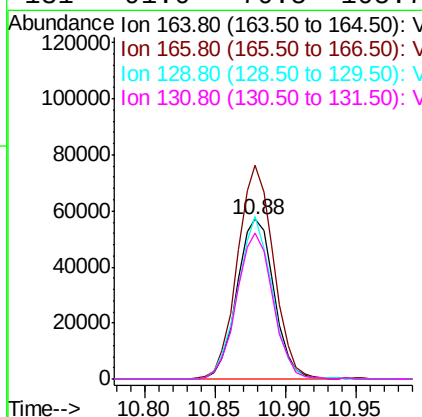
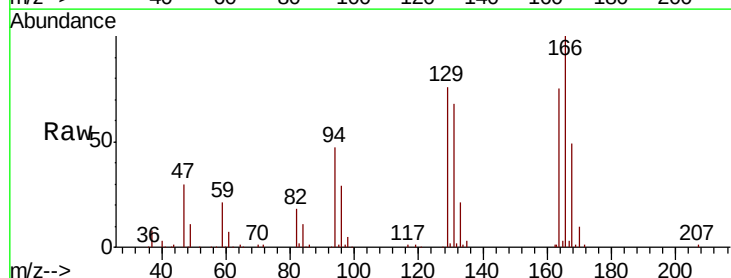
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

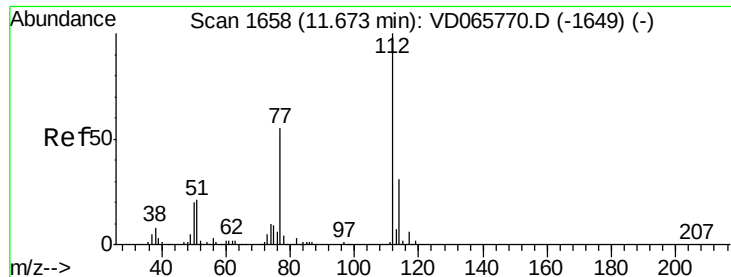
Tot Ion:117 Resp: 352350
Ion Ratio Lower Upper
117 100
82 54.9 41.9 62.9
119 32.0 25.3 37.9



#64
Tetrachloroethene
Concen: 43.965 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion:164 Resp: 104752
Ion Ratio Lower Upper
164 100
166 133.5 98.2 147.2
129 102.0 72.3 108.5
131 91.0 70.5 105.7

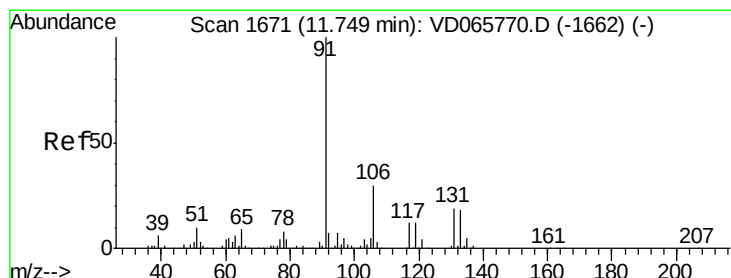
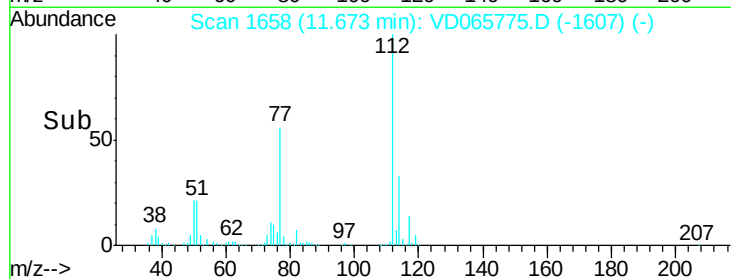
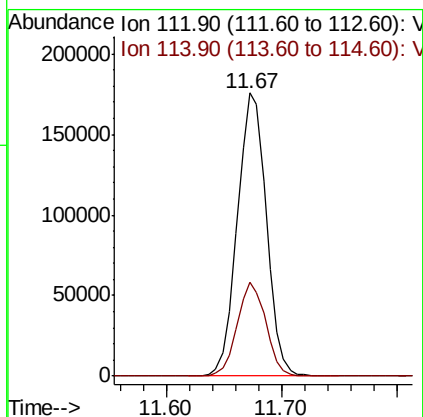
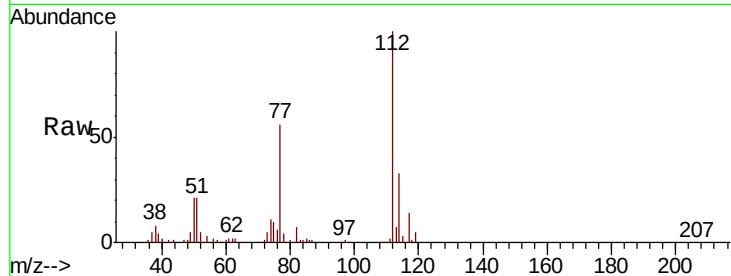




#65
Chlorobenzene
Concen: 44.453 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

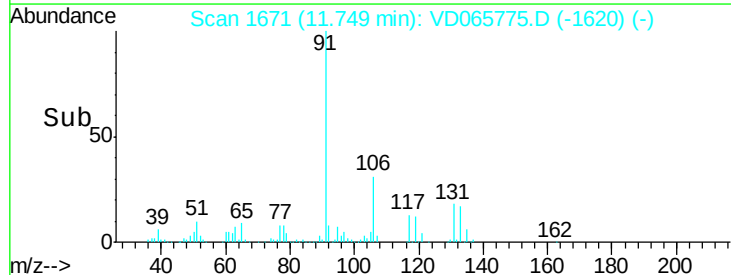
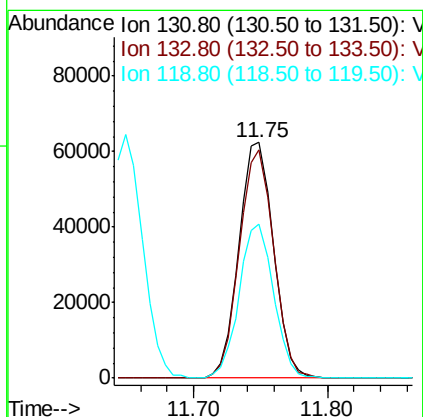
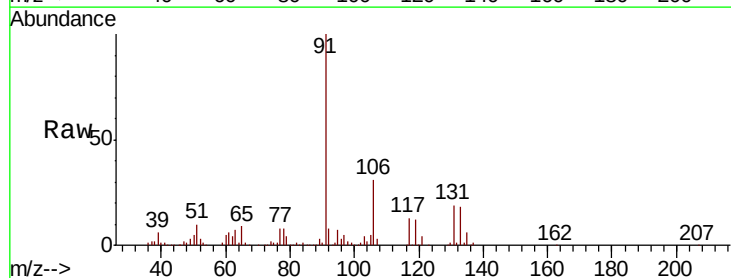
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

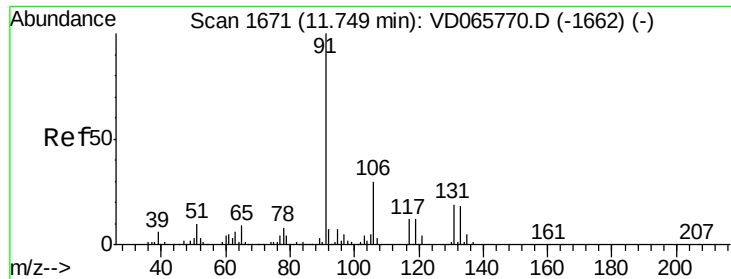
Tot Ion:112 Resp: 305775
Ion Ratio Lower Upper
112 100
114 33.0 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 43.727 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion:131 Resp: 112119
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.9
119 64.9 31.6 94.8

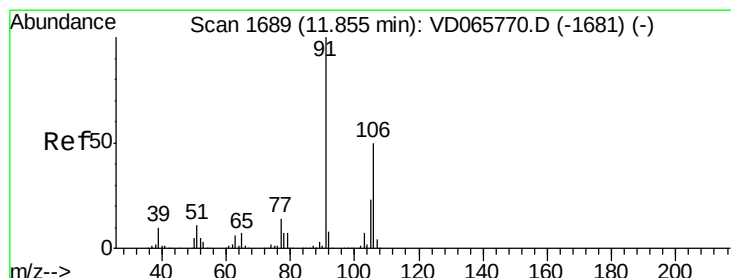
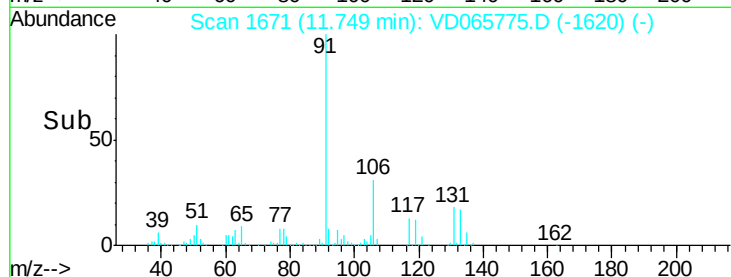
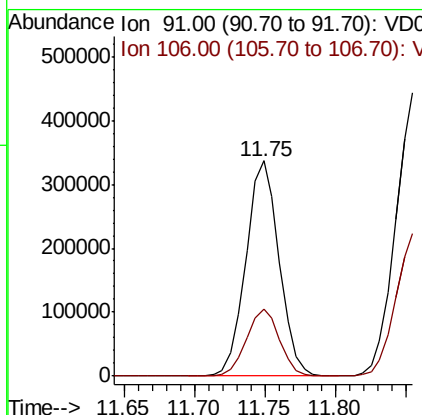
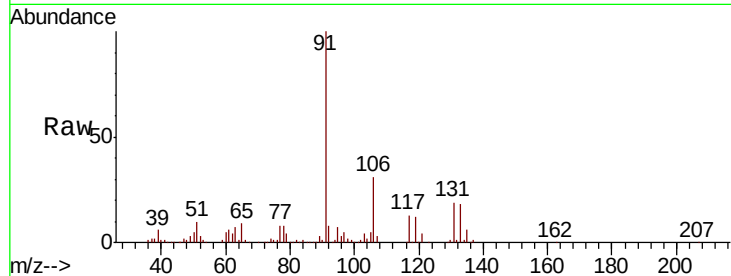




#67
Ethyl Benzene
Concen: 45.183 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

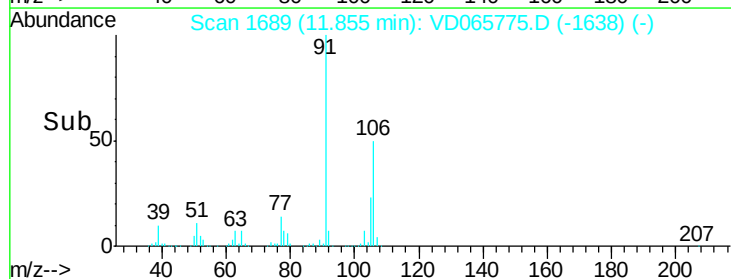
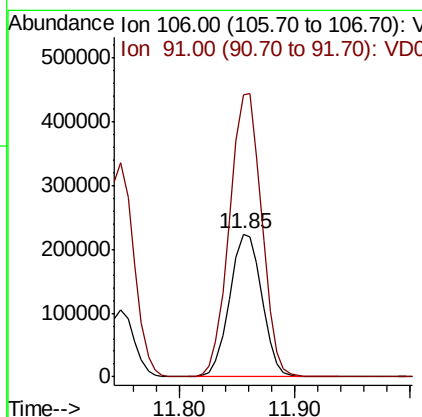
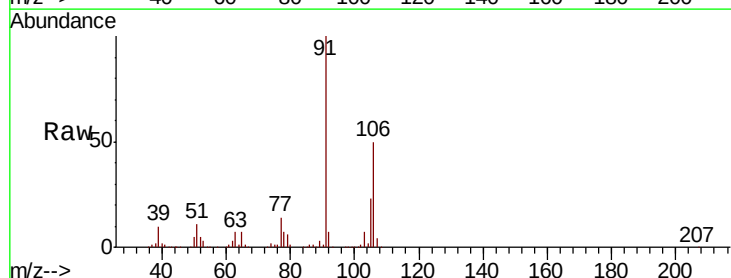
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

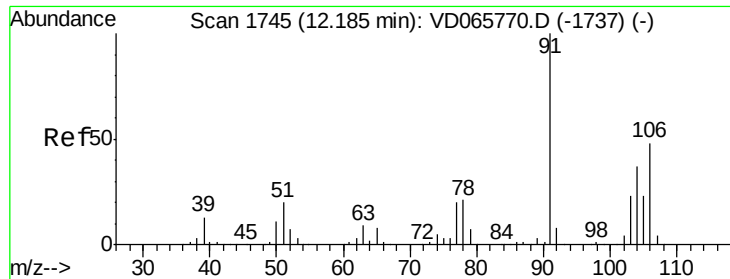
Tot Ion: 91 Resp: 555219
Ion Ratio Lower Upper
91 100
106 31.2 24.1 36.1



#68
m/p-Xylenes
Concen: 91.243 ug/l
RT: 11.85 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 106 Resp: 431877
Ion Ratio Lower Upper
106 100
91 199.2 159.4 239.2

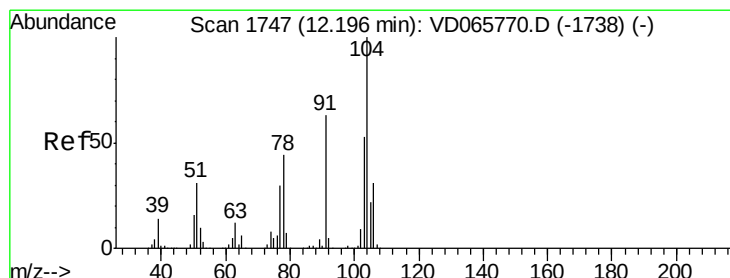
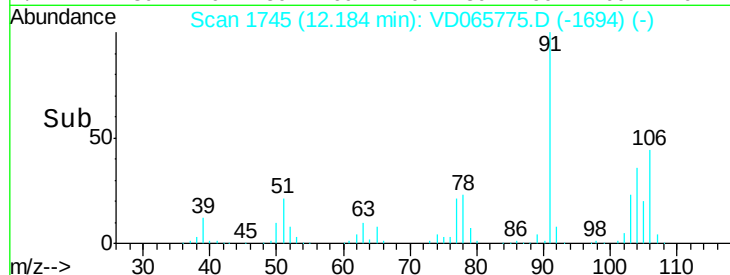
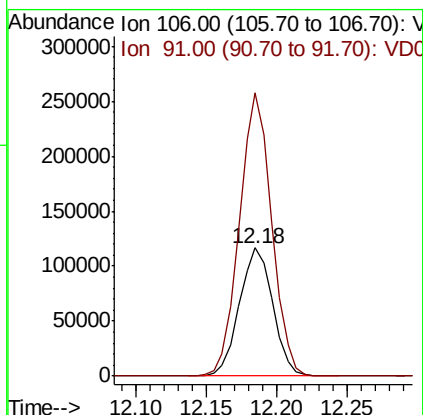
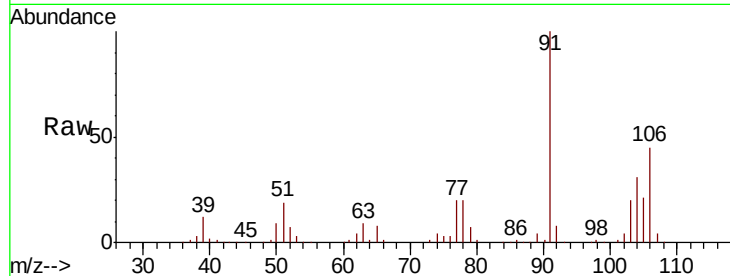




#69
o-Xylene
Concen: 45.192 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

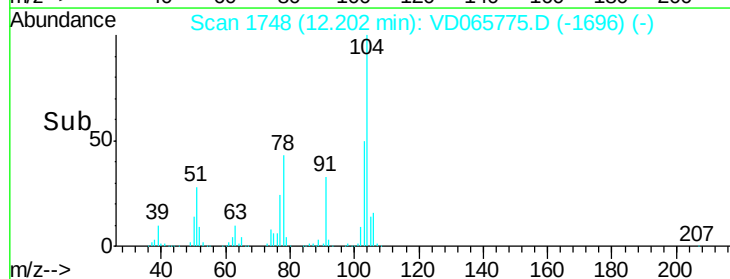
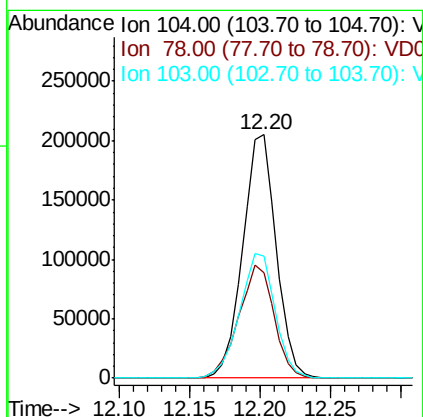
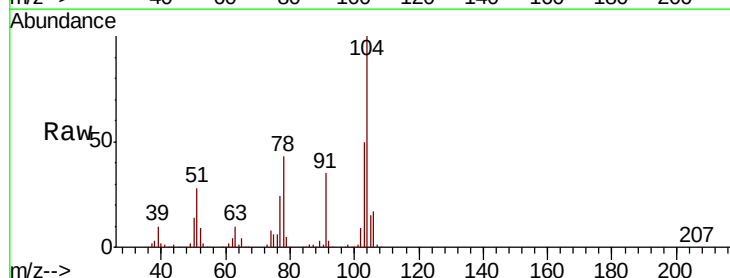
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

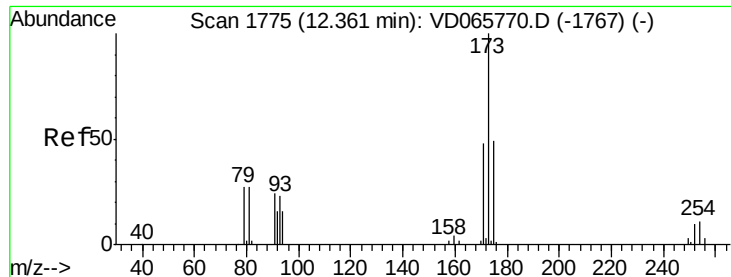
Tot Ion:106 Resp: 192867
Ion Ratio Lower Upper
106 100
91 213.3 105.3 315.8



#70
Styrene
Concen: 46.072 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion:104 Resp: 340375
Ion Ratio Lower Upper
104 100
78 49.2 38.6 58.0
103 54.6 43.9 65.9

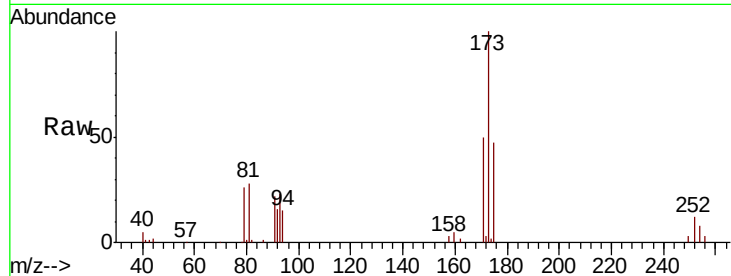




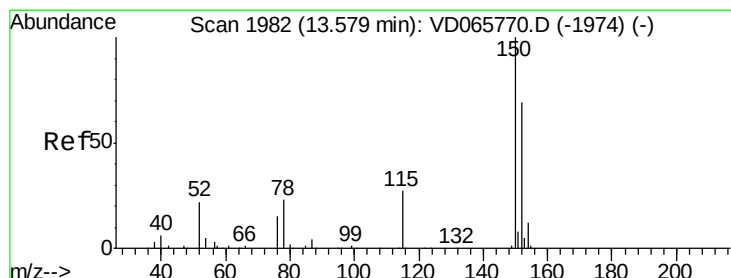
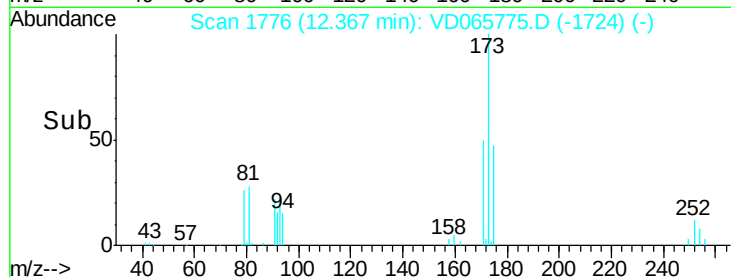
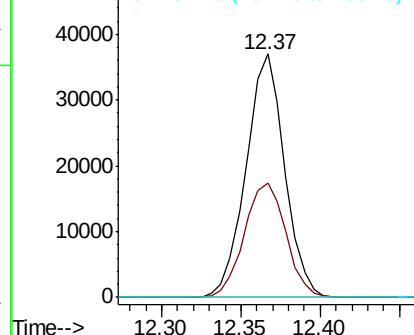
#71
Bromoform
Concen: 44.152 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 62341
Ion Ratio Lower Upper
173 100
175 50.6 24.8 74.4
254 0.0 0.0 0.0

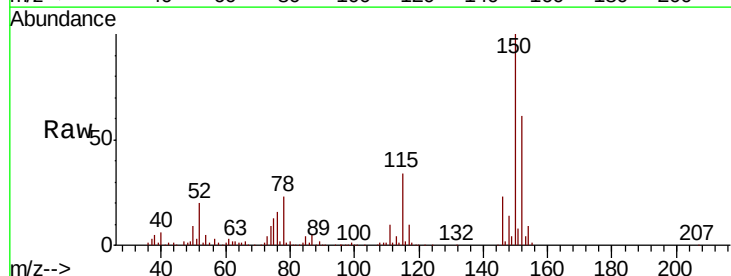


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

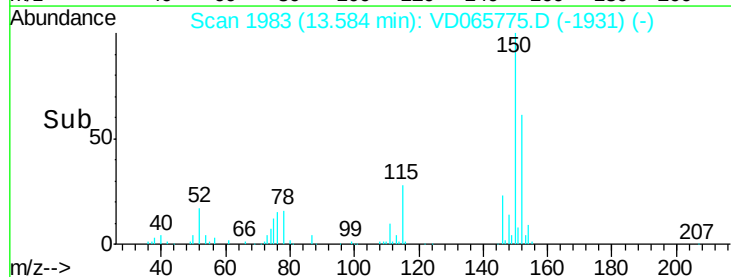
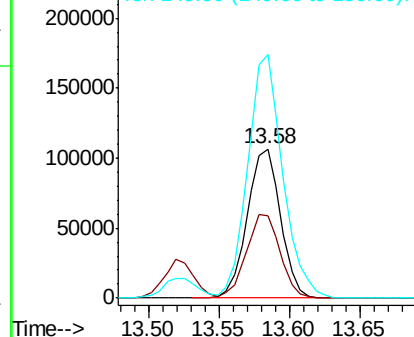


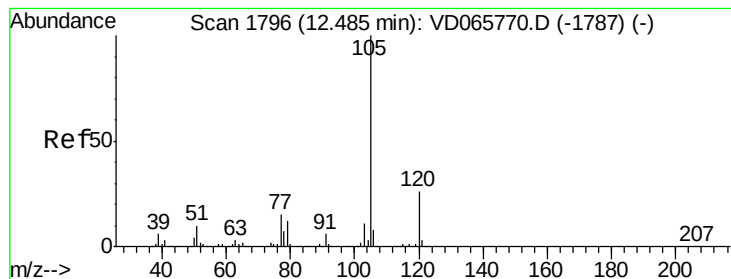
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion:152 Resp: 176629
Ion Ratio Lower Upper
152 100
115 56.6 28.7 86.1
150 171.1 0.0 348.0



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: 45.800 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

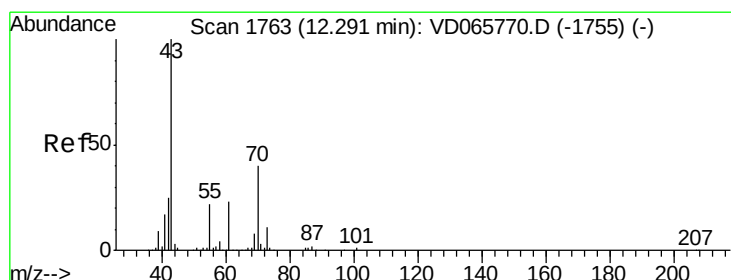
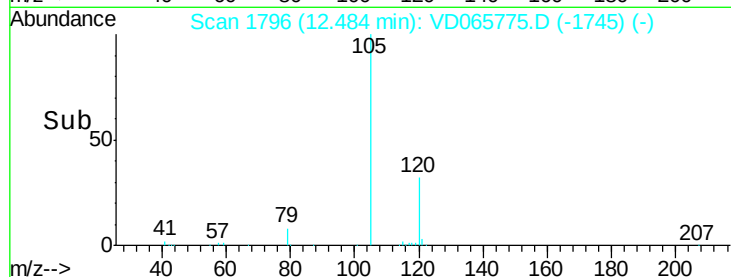
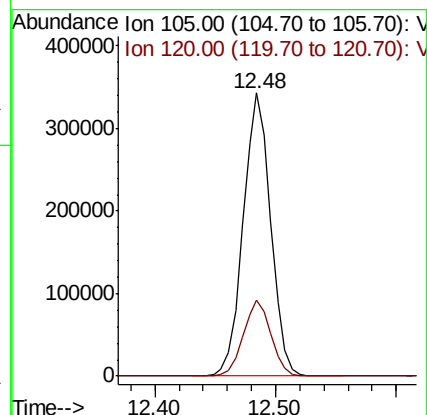
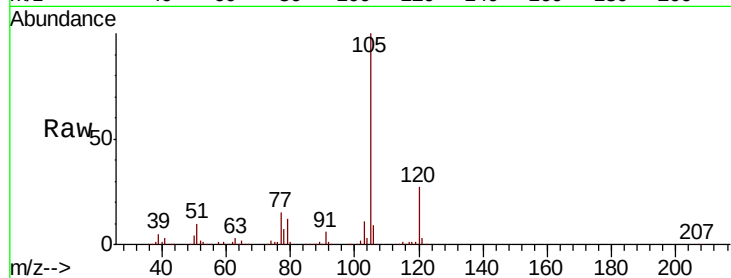
VSTDCCC050

Tot Ion:105 Resp: 542384

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 44.841 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Tgt Ion: 43 Resp: 118141

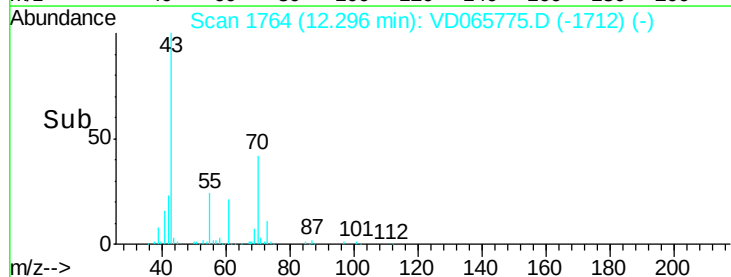
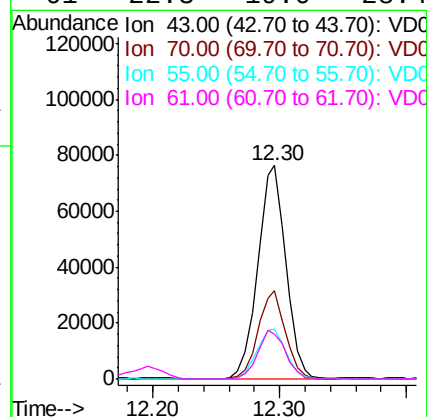
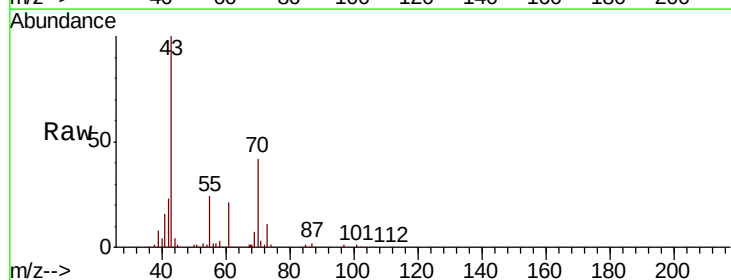
Ion Ratio Lower Upper

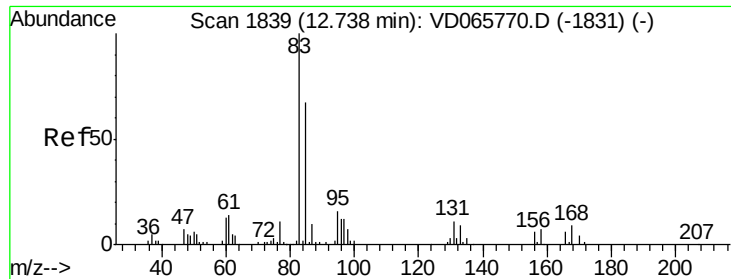
43 100

70 40.2 32.3 48.5

55 24.5 19.0 28.4

61 22.3 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 43.154 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

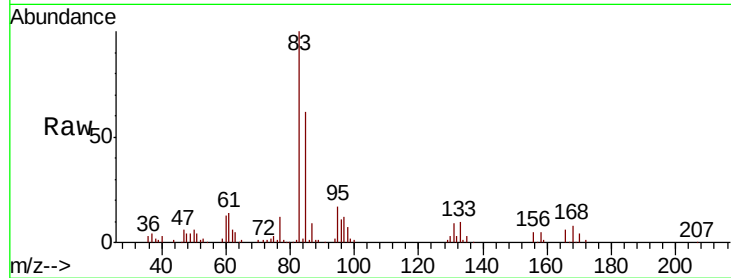
Tot Ion: 83 Resp: 86307

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.4

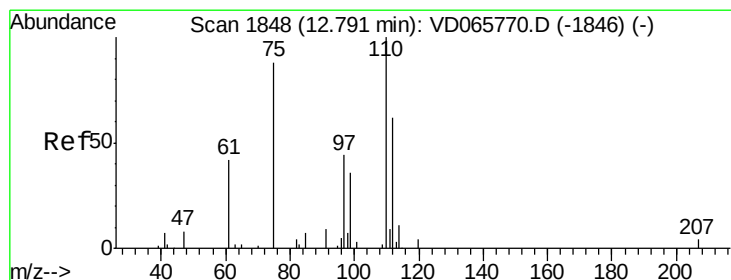
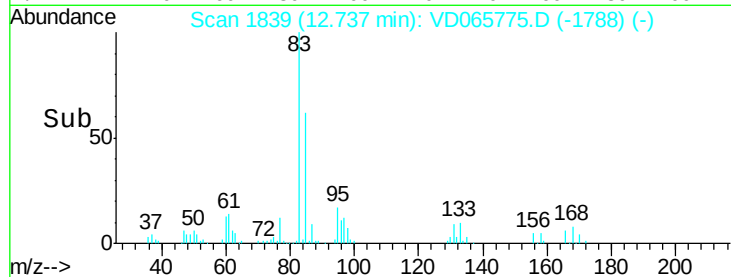
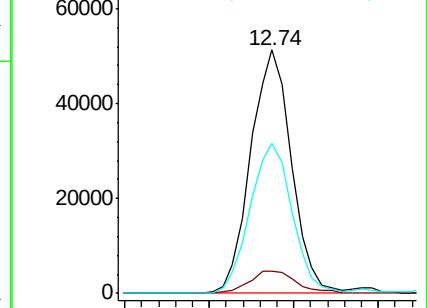
85 63.5 32.5 97.5



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: 83.578 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065775.D

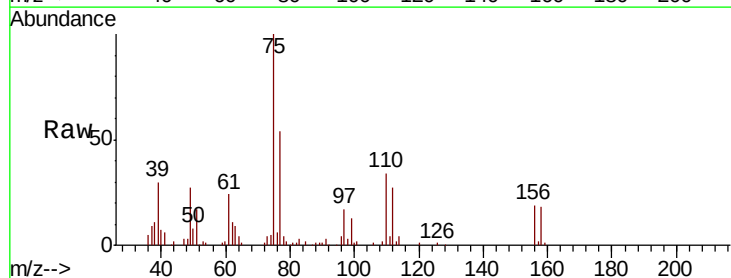
Acq: 08 Jun 2020 12:25

Tgt Ion: 75 Resp: 114808

Ion Ratio Lower Upper

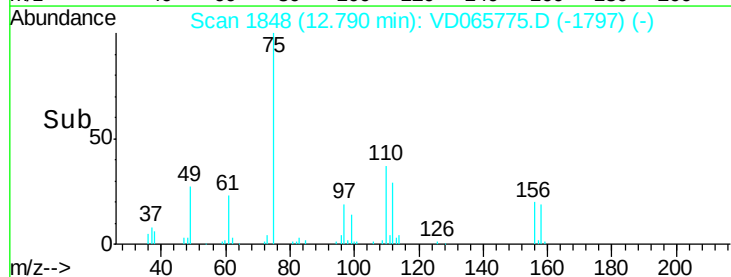
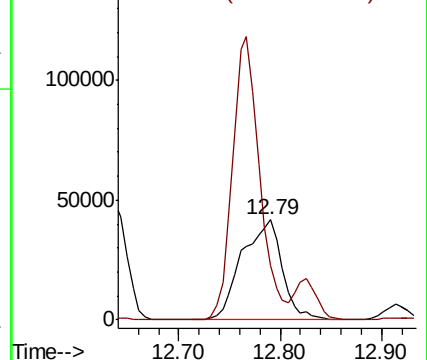
75 100

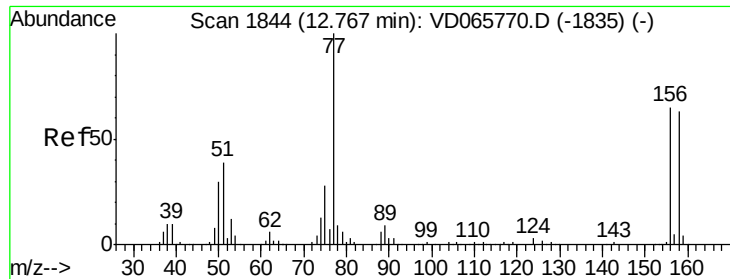
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 45.227 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

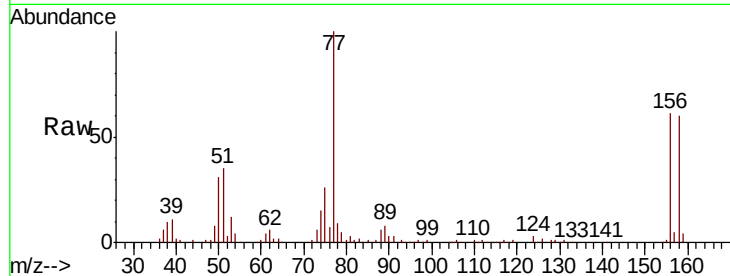
Tot Ion:156 Resp: 126721

Ion Ratio Lower Upper

156 100

77 174.0 87.3 261.8

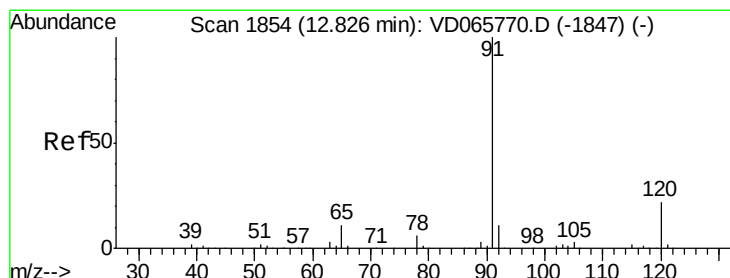
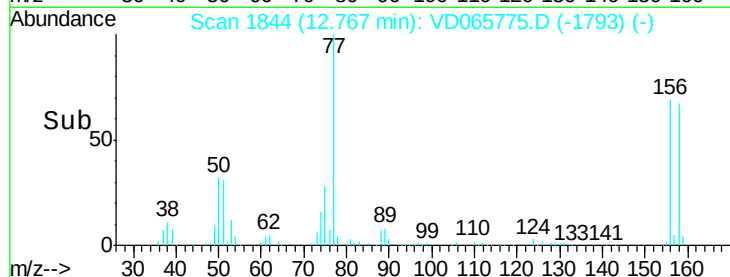
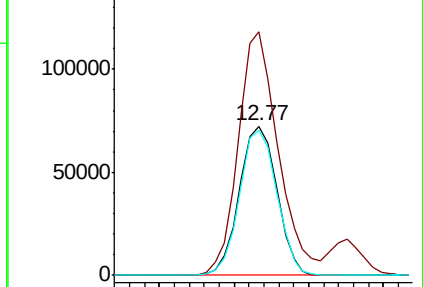
158 97.0 48.0 144.0



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: 45.897 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065775.D

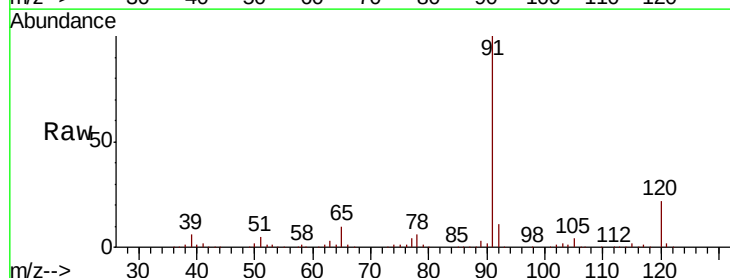
Acq: 08 Jun 2020 12:25

Tgt Ion: 91 Resp: 654252

Ion Ratio Lower Upper

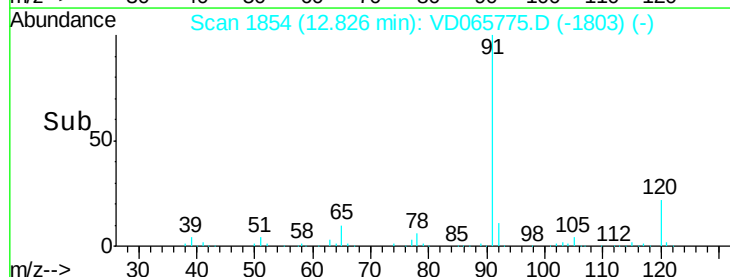
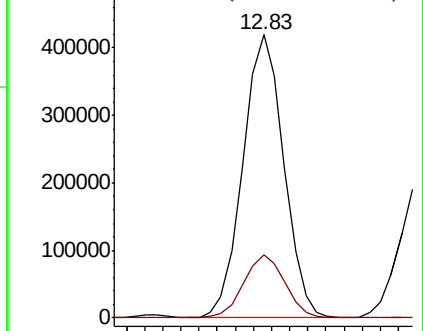
91 100

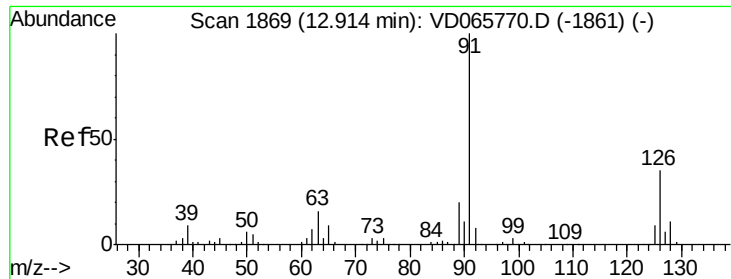
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

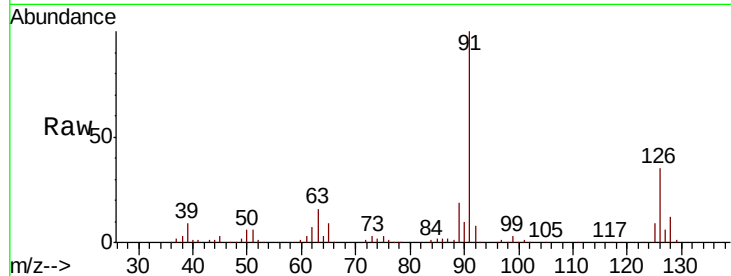




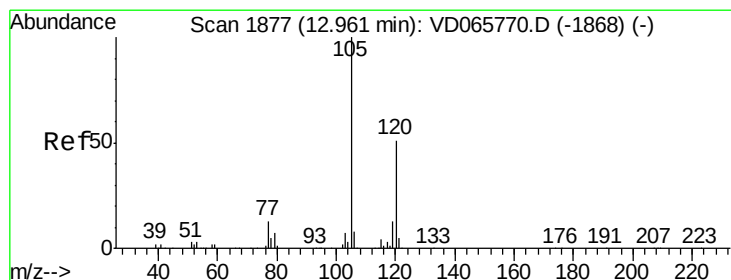
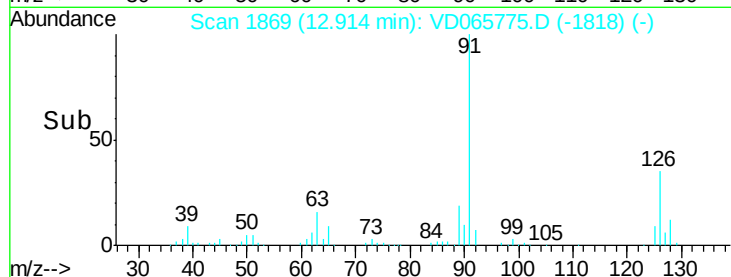
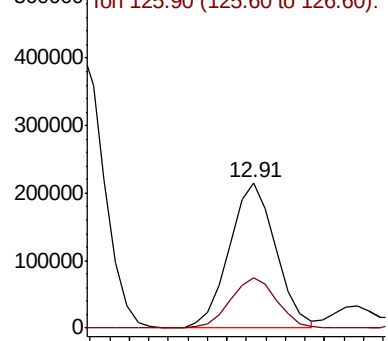
#79
2-Chlorotoluene
Concen: 45.172 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 353241
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.6

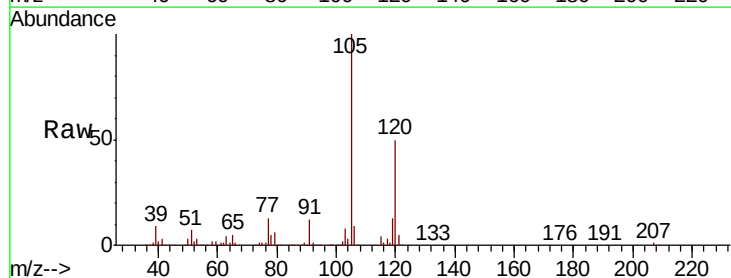


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.90 (125.60 to 126.60): V

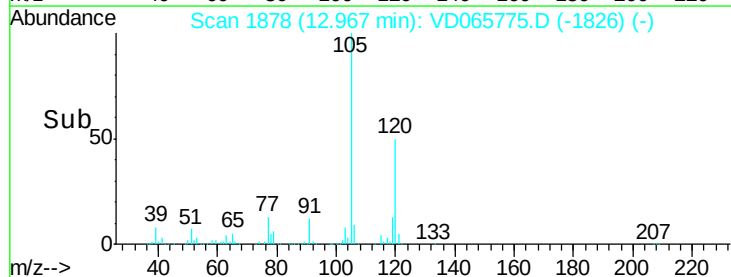
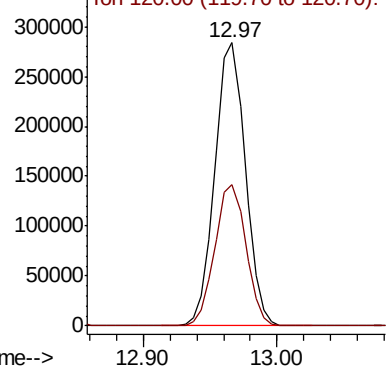


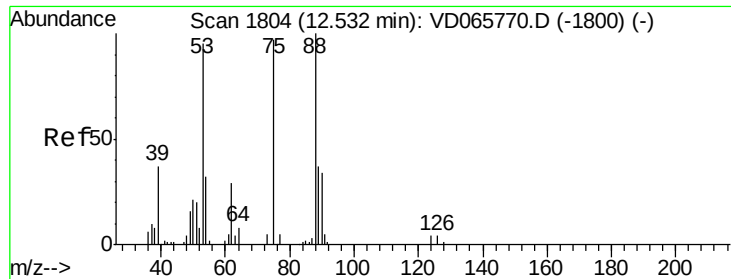
#80
1,3,5-Trimethylbenzene
Concen: 45.424 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 105 Resp: 447645
Ion Ratio Lower Upper
105 100
120 51.2 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.043 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

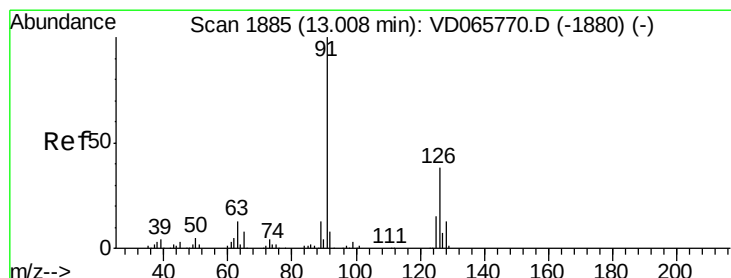
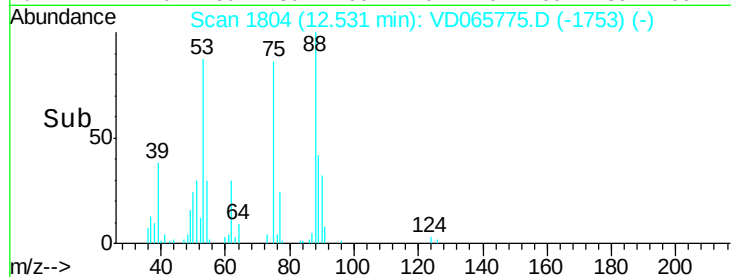
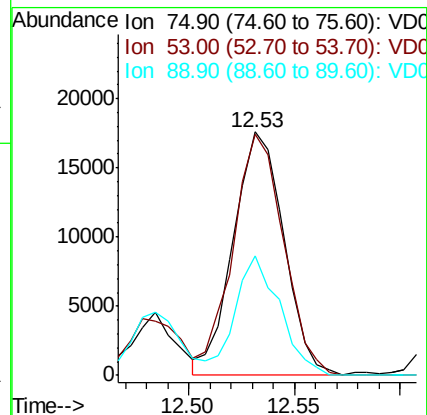
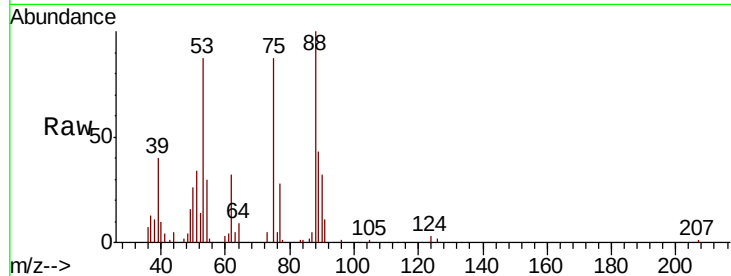
Tot Ion: 75 Resp: 29273

Ion Ratio Lower Upper

75 100

53 99.6 82.6 123.8

89 43.2 35.9 53.9



#82

4-Chlorotoluene

Concen: 44.806 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD065775.D

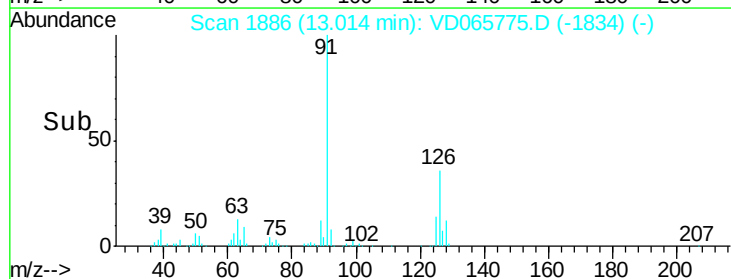
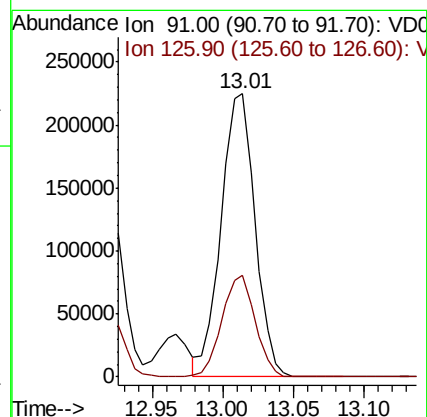
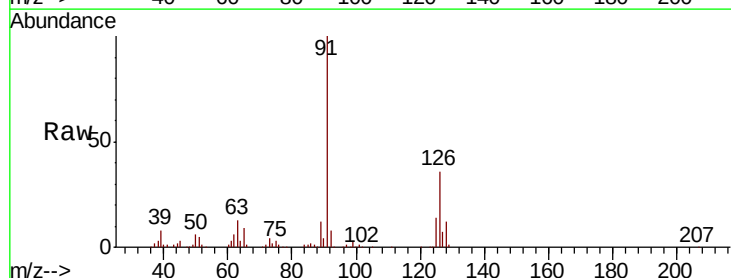
Acq: 08 Jun 2020 12:25

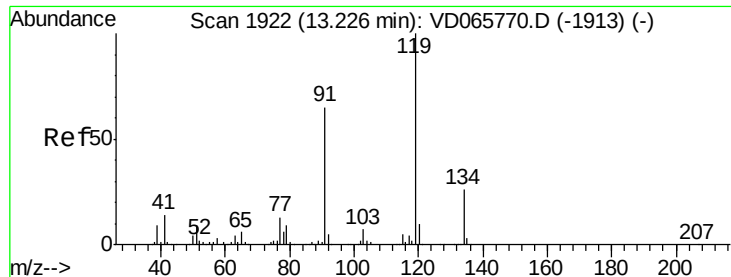
Tgt Ion: 91 Resp: 376088

Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.8

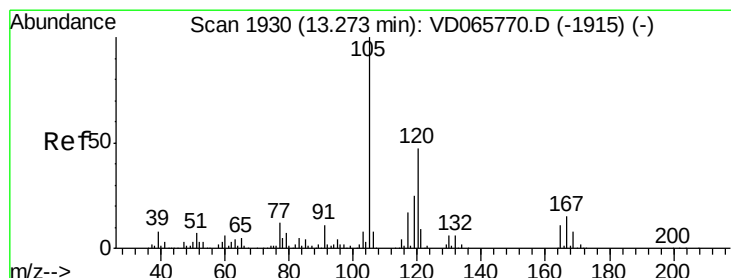
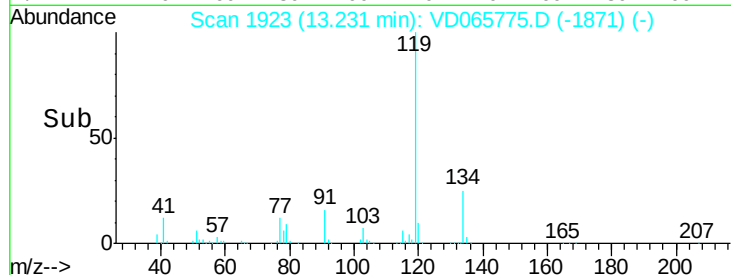
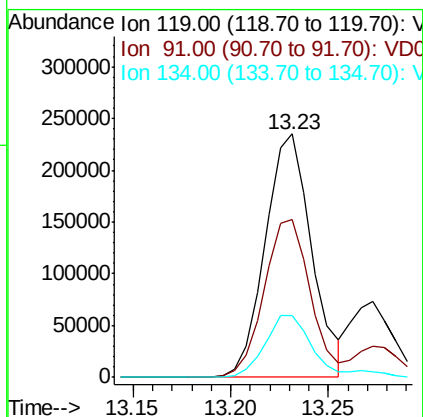
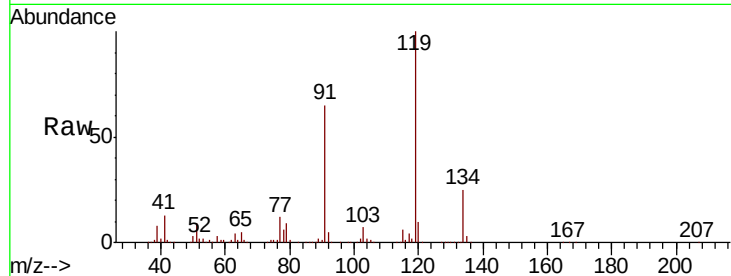




#83
tert-Butylbenzene
Concen: 45.324 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

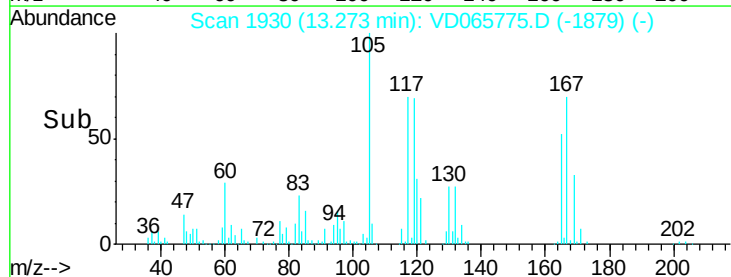
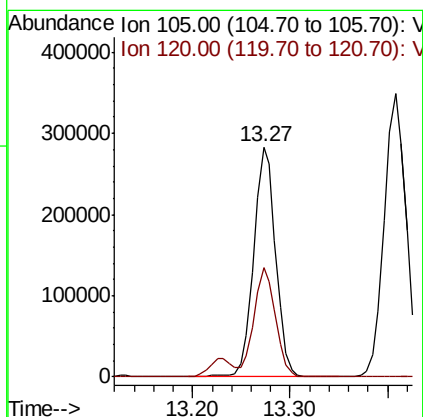
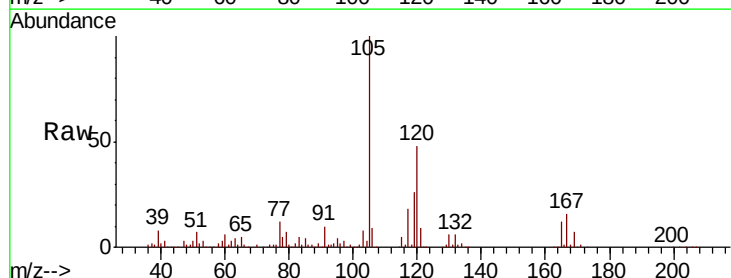
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

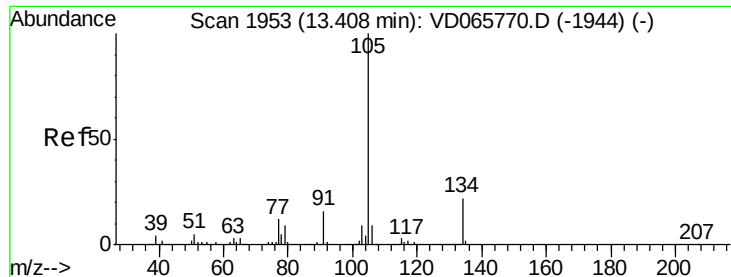
Tot Ion:119 Resp: 387561
Ion Ratio Lower Upper
119 100
91 64.5 32.0 96.0
134 25.5 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 45.523 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion:105 Resp: 449027
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8





#85

sec-Butylbenzene

Concen: 45.714 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

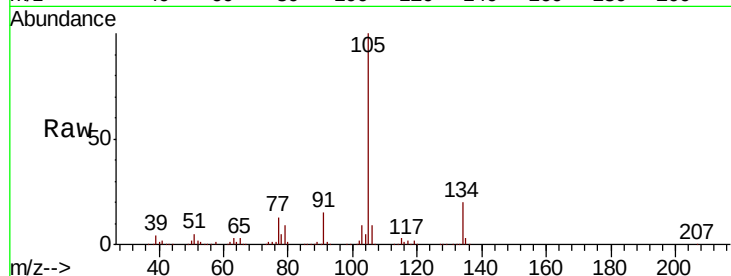
VSTDCCC050

Tot Ion:105 Resp: 544002

Ion Ratio Lower Upper

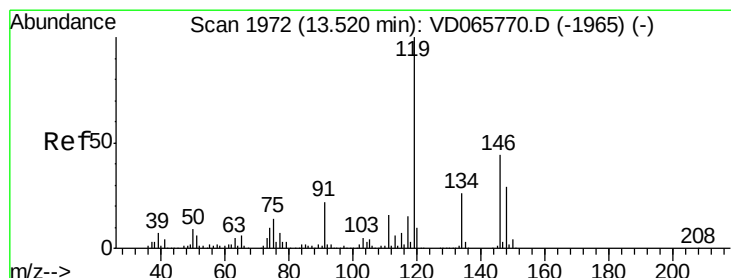
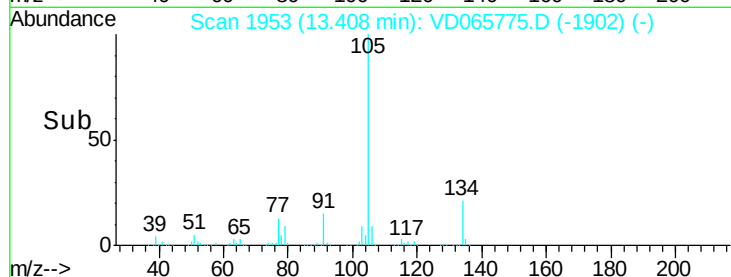
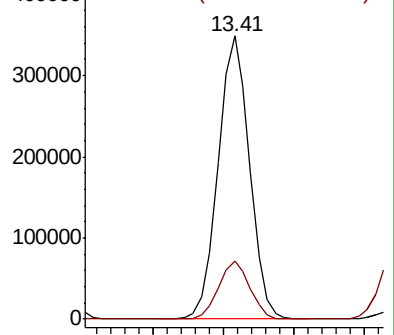
105 100

134 20.4 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.354 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

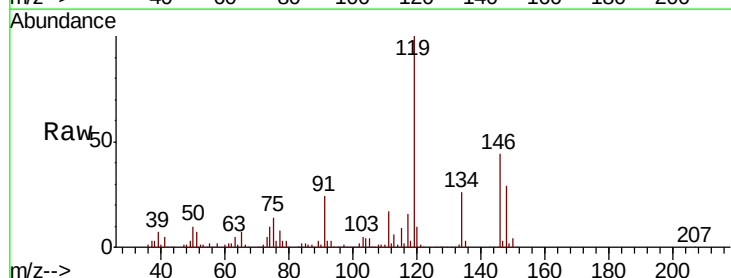
Tgt Ion:119 Resp: 505589

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

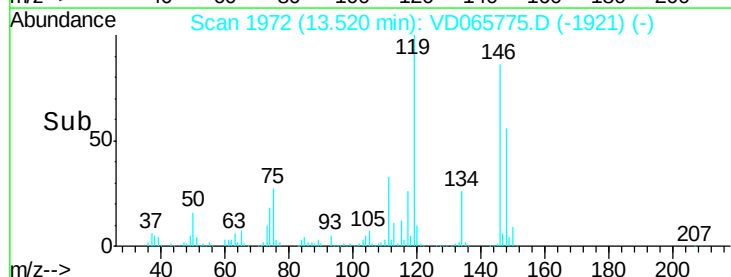
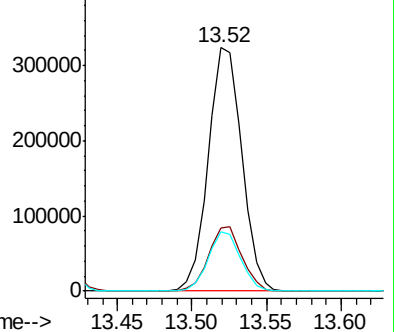
91 23.5 11.8 35.4

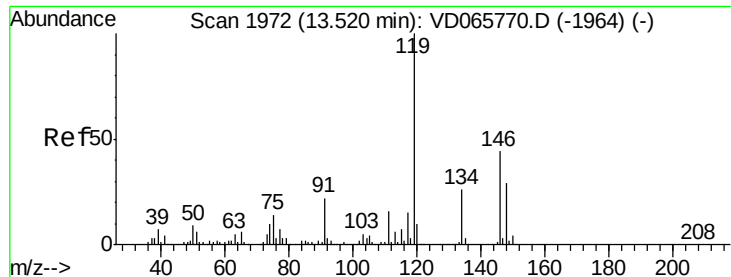


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 43.999 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

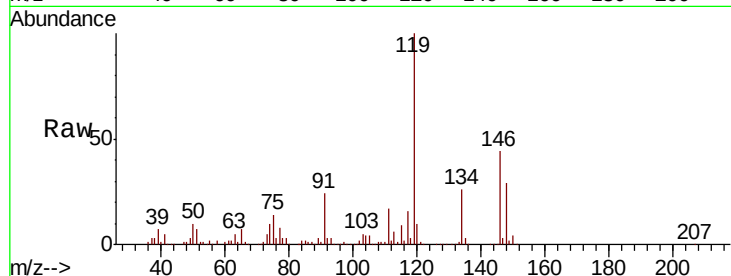
Tot Ion:146 Resp: 243079

Ion Ratio Lower Upper

146 100

111 38.6 19.2 57.6

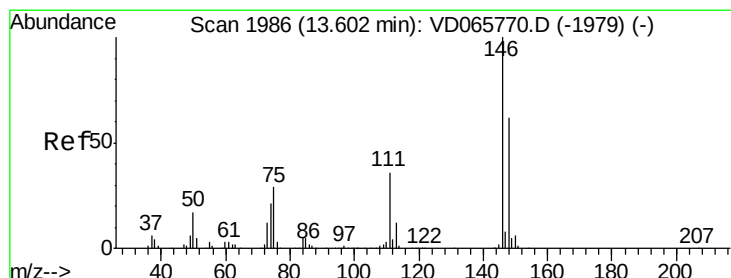
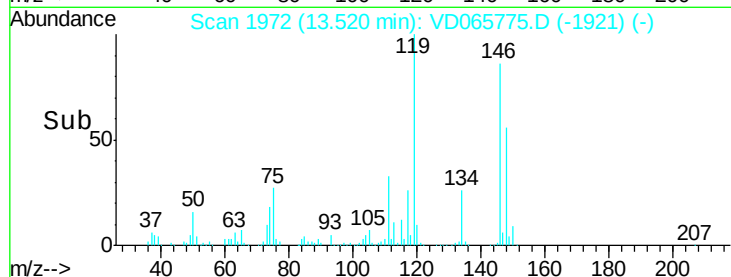
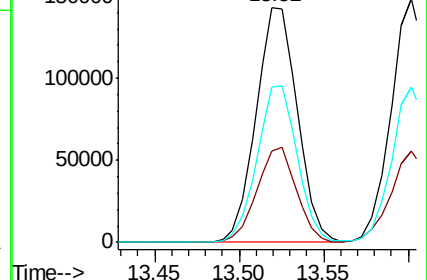
148 64.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 44.032 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

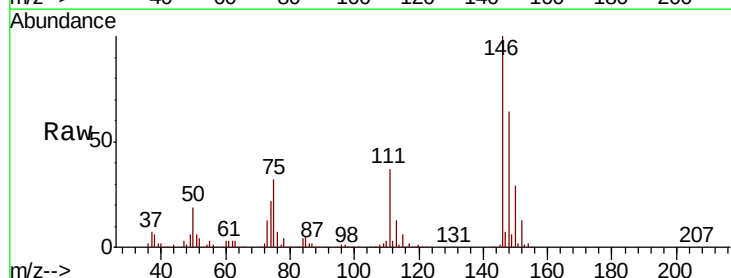
Tgt Ion:146 Resp: 241981

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

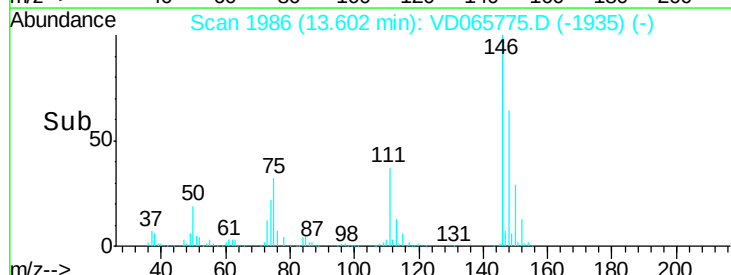
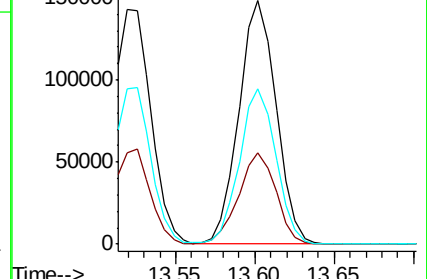
148 62.9 31.6 94.7

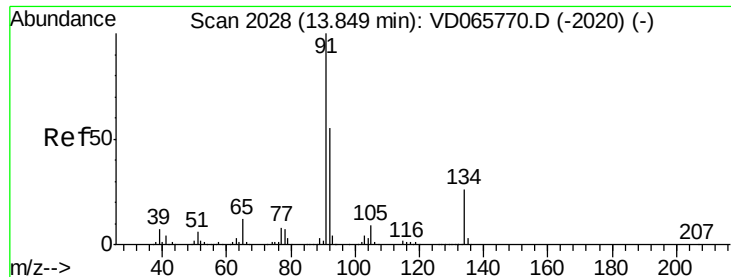


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

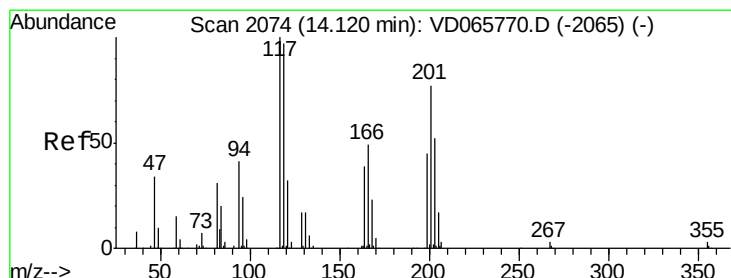
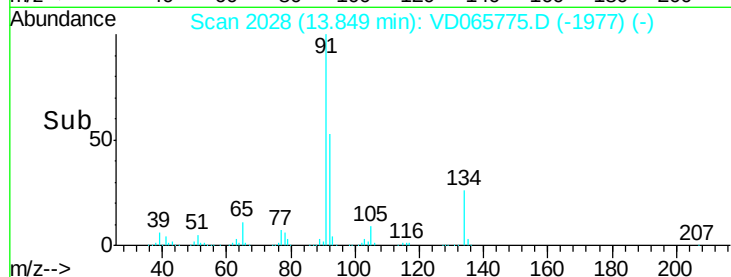
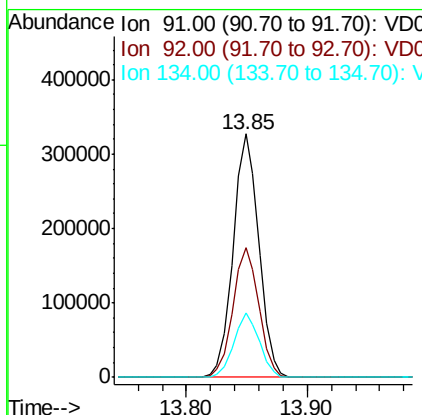
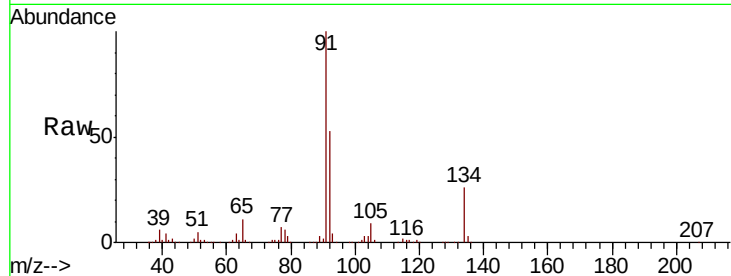




#89
n-Butylbenzene
Concen: 46.430 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

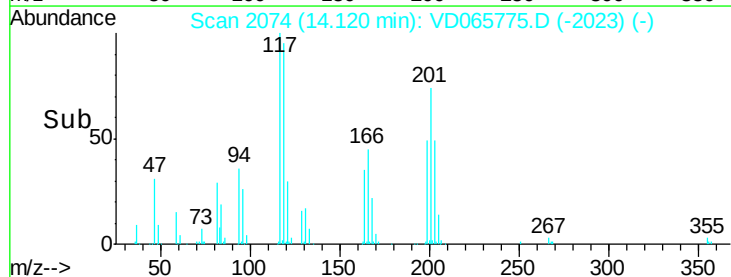
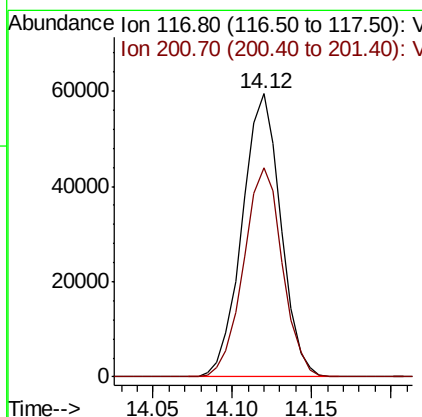
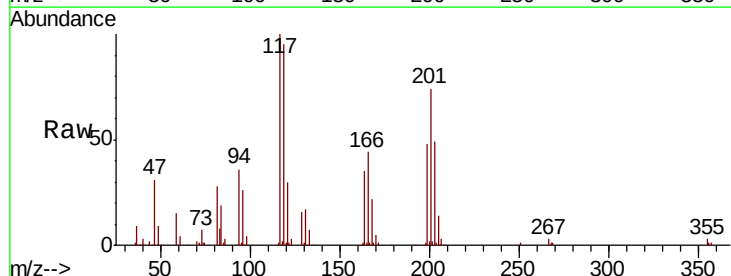
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

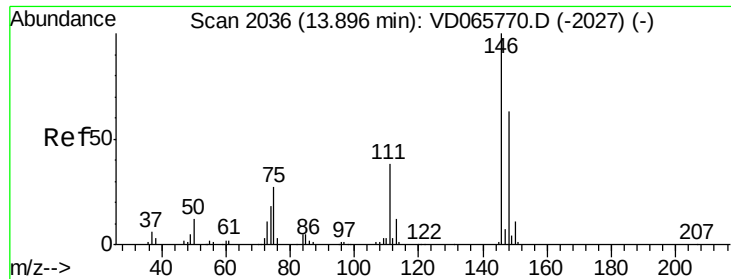
Tot Ion: 91 Resp: 482988
Ion Ratio Lower Upper
91 100
92 53.7 27.0 81.0
134 26.2 13.0 39.0



#90
Hexachloroethane
Concen: 46.084 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065775.D
Acq: 08 Jun 2020 12:25

Tgt Ion: 117 Resp: 100610
Ion Ratio Lower Upper
117 100
201 74.2 37.1 111.5

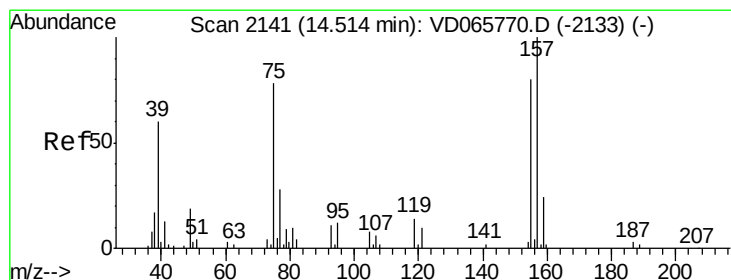
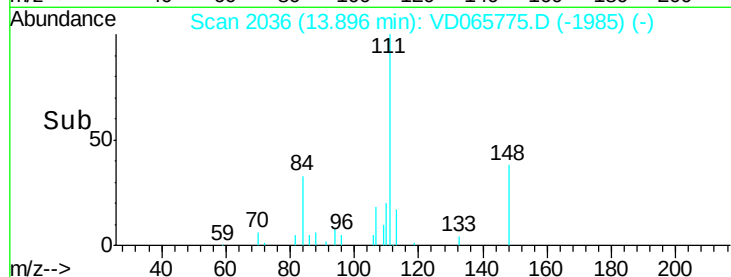
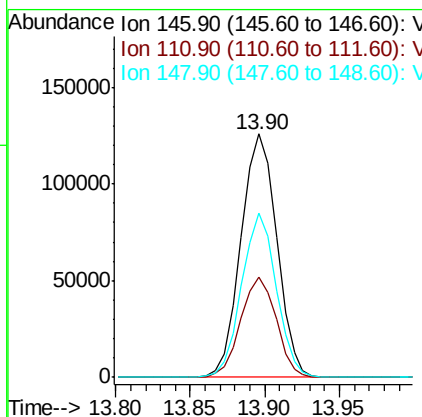
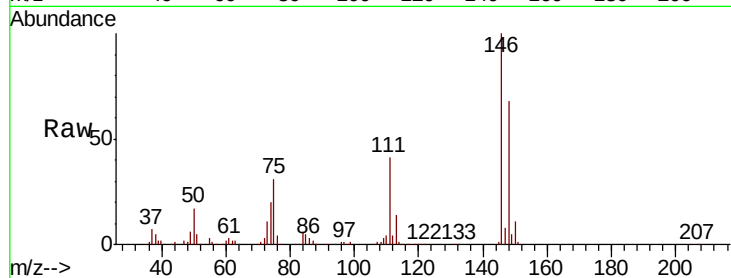




#91
 1,2-Dichlorobenzene
 Concen: 44.264 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

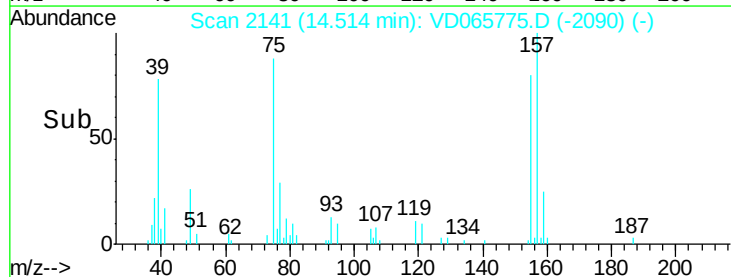
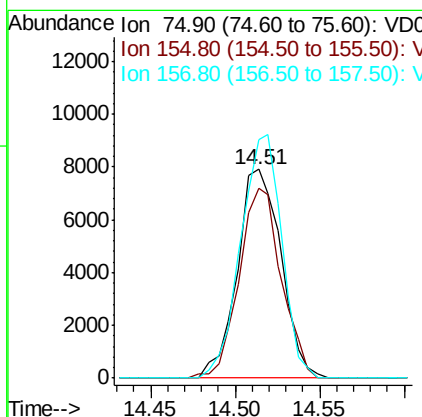
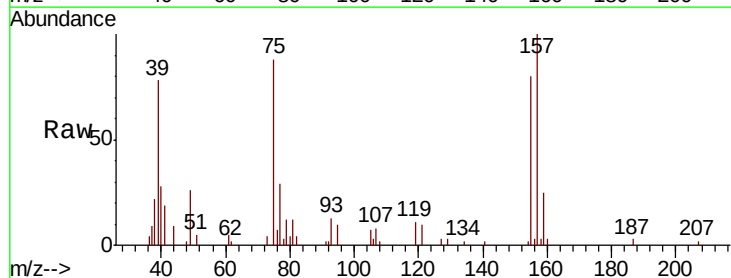
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

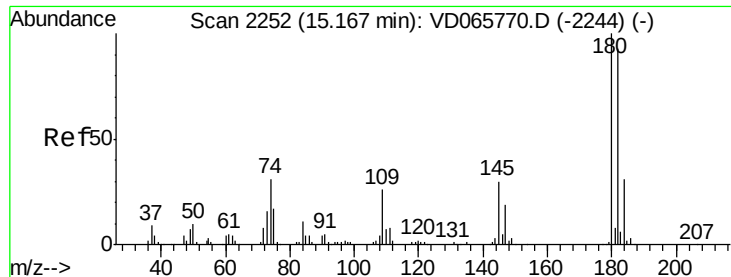
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.8	59.4
148	64.8	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.834 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	46.3	138.9
157	108.9	58.1	174.3

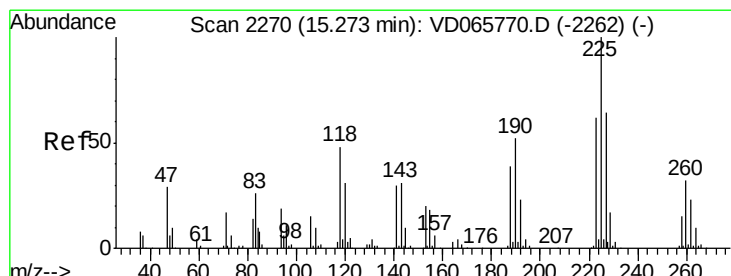
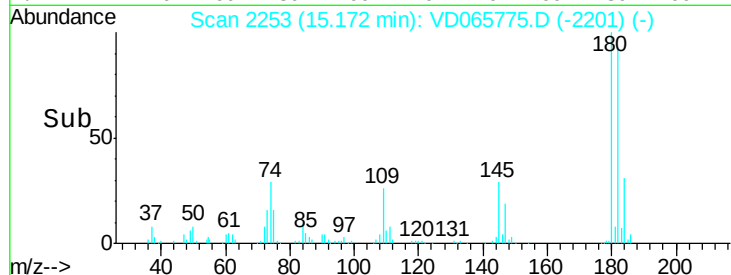
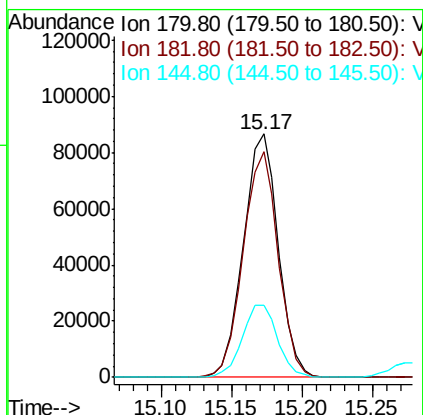
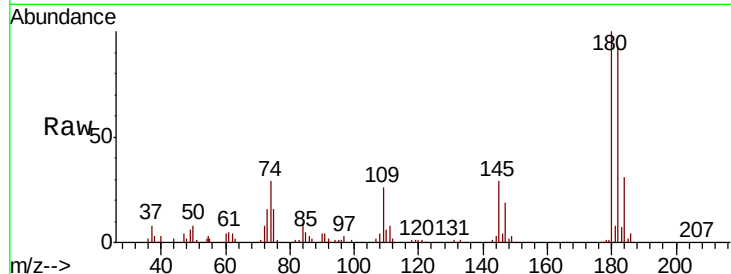




#93
 1,2,4-Trichlorobenzene
 Concen: 46.400 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

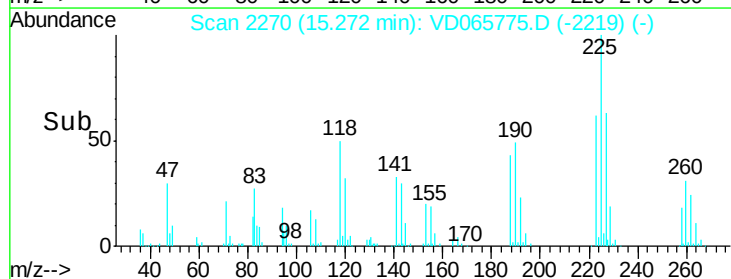
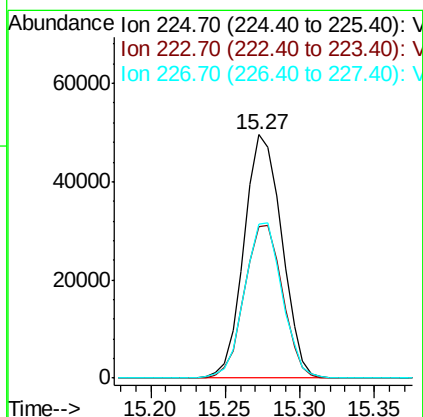
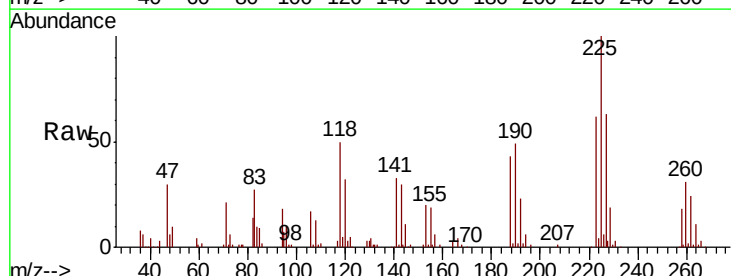
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

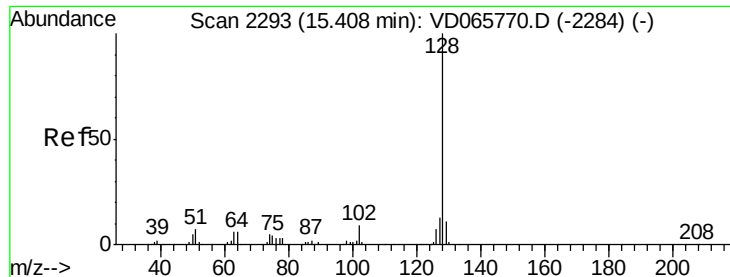
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.0	144.2
145	30.2	14.9	44.9



#94
 Hexachlorobutadiene
 Concen: 44.498 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065775.D
 Acq: 08 Jun 2020 12:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.9	92.7
227	63.3	31.9	95.7





#95

Naphthalene

Concen: 44.973 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

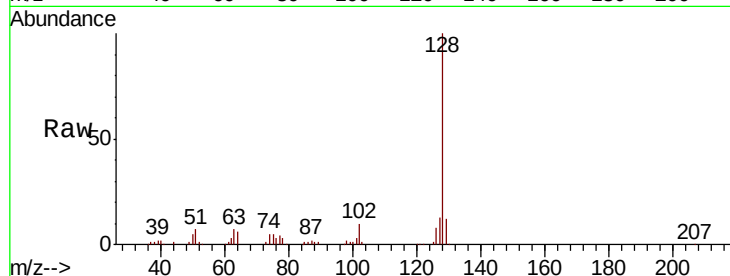
Tot Ion:128 Resp: 246268

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

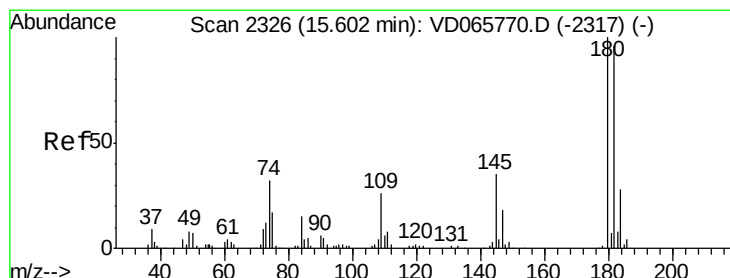
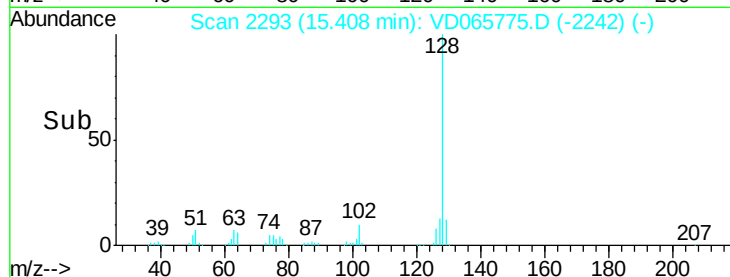
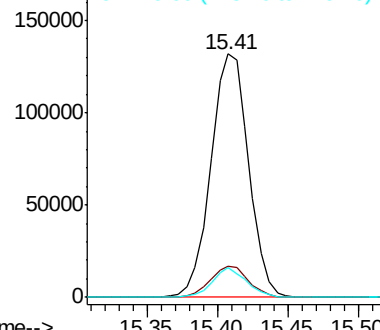
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.923 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD065775.D

Acq: 08 Jun 2020 12:25

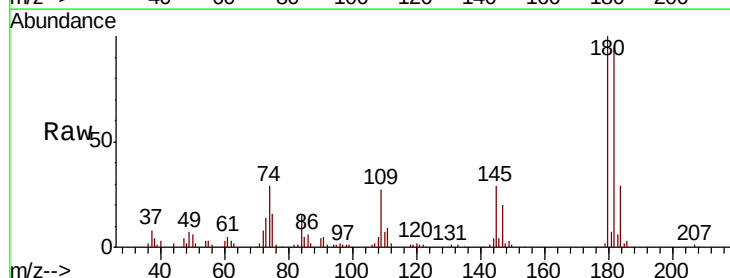
Tgt Ion:180 Resp: 125078

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.2

145 31.8 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

