

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072120\
 Data File : VD065974.D
 Acq On : 21 Jul 2020 11:16
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 21 12:06:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:03:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	383245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	546900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	500010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247944	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	137935	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
35) Dibromofluoromethane	7.92	113	145198	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
50) Toluene-d8	10.34	98	568046	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
62) 4-Bromofluorobenzene	12.64	95	191384	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	135784	44.040	ug/l	100
3) Chloromethane	2.21	50	113204	46.493	ug/l	100
4) Vinyl Chloride	2.35	62	111231	47.313	ug/l	100
5) Bromomethane	2.77	94	88147	43.857	ug/l	100
6) Chloroethane	2.92	64	68871	48.612	ug/l	100
7) Trichlorofluoromethane	3.27	101	276396	48.854	ug/l	100
8) Diethyl Ether	3.71	74	75903	52.117	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	166426	49.610	ug/l	100
10) Methyl Iodide	4.30	142	143625	78.372	ug/l	100
11) Tert butyl alcohol	5.23	59	50154	189.500	ug/l	100
12) 1,1-Dichloroethene	4.07	96	159707	50.147	ug/l	100
13) Acrolein	3.92	56	57808	226.047	ug/l	100
14) Allyl chloride	4.71	41	257006	52.573	ug/l	100
15) Acrylonitrile	5.43	53	164040	262.468	ug/l	100
16) Acetone	4.16	43	164639	261.349	ug/l	100
17) Carbon Disulfide	4.41	76	516785	49.688	ug/l	100
18) Methyl Acetate	4.71	43	70054	48.341	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	331565	53.080	ug/l	100
20) Methylene Chloride	4.97	84	176968	40.718	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	180705	50.237	ug/l	100
22) Diisopropyl ether	6.37	45	489605	52.904	ug/l	100
23) Vinyl Acetate	6.31	43	1400947	275.873	ug/l	100
24) 1,1-Dichloroethane	6.27	63	293524	50.707	ug/l	100
25) 2-Butanone	7.21	43	215008	258.849	ug/l	100
26) 2,2-Dichloropropane	7.21	77	262501	49.407	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	193940	51.456	ug/l	100
28) Bromochloromethane	7.55	49	112419	47.037	ug/l	100
29) Tetrahydrofuran	7.56	42	132471	261.378	ug/l	100
30) Chloroform	7.71	83	300452	50.045	ug/l	100
31) Cyclohexane	7.98	56	276995	47.681	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	279053	49.676	ug/l	100
36) 1,1-Dichloropropene	8.11	75	241621	50.876	ug/l	100
37) Ethyl Acetate	7.29	43	89987	49.394	ug/l	100
38) Carbon Tetrachloride	8.10	117	262087	52.032	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	303375	53.938	ug/l	100
40) Benzene	8.36	78	674660	51.216	ug/l	100
41) Methacrylonitrile	7.56	41	129440	95.039	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	182919	50.524	ug/l	100
43) Isopropyl Acetate	8.46	43	180241	53.751	ug/l	100
44) Trichloroethene	9.11	130	202546	51.112	ug/l	100
45) 1,2-Dichloropropane	9.39	63	164465	52.063	ug/l	100
46) Dibromomethane	9.48	93	87710	50.731	ug/l	100
47) Bromodichloromethane	9.67	83	230810	50.942	ug/l	100
48) Methyl methacrylate	9.46	41	91723	52.517	ug/l	100
49) 1,4-Dioxane	9.47	88	20923	1094.790	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	461589	269.586	ug/l	100
52) Toluene	10.41	92	452224	53.313	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	216415	54.035	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	265850	53.630	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	123304	51.822	ug/l	100
56) Ethyl methacrylate	10.67	69	153314	57.333	ug/l	100
57) 1,3-Dichloropropane	10.95	76	204788	51.733	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	304163	233.044	ug/l	100
59) 2-Hexanone	10.98	43	327927	278.714	ug/l	100
60) Dibromochloromethane	11.14	129	165375	51.437	ug/l	100
61) 1,2-Dibromoethane	11.25	107	120072	52.172	ug/l	100
64) Tetrachloroethene	10.88	164	174882	51.162	ug/l	100
65) Chlorobenzene	11.67	112	473251	51.308	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	177184	51.917	ug/l	100
67) Ethyl Benzene	11.75	91	824474	52.115	ug/l	100
68) m/p-Xylenes	11.86	106	644637	105.368	ug/l	100
69) o-Xylene	12.18	106	295621	54.279	ug/l	100
70) Styrene	12.20	104	506608	53.737	ug/l	100
71) Bromoform	12.37	173	98990	51.611	ug/l #	100
73) Isopropylbenzene	12.48	105	815552	54.917	ug/l	100
74) N-amyl acetate	12.29	43	168381	56.373	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	127830	52.043	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	167518	76.017	ug/l #	100
77) Bromobenzene	12.77	156	198489	51.777	ug/l	100
78) n-propylbenzene	12.83	91	945472	54.335	ug/l	100
79) 2-Chlorotoluene	12.91	91	529440	53.301	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	673498	54.446	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	42229	53.770	ug/l	100
82) 4-Chlorotoluene	13.01	91	558226	52.904	ug/l	100
83) tert-Butylbenzene	13.23	119	592431	55.147	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	655007	53.987	ug/l	100
85) sec-Butylbenzene	13.41	105	806263	54.282	ug/l	100
86) p-Isopropyltoluene	13.52	119	741308	55.427	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	367962	50.845	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	368695	50.831	ug/l	100
89) n-Butylbenzene	13.85	91	683204	55.227	ug/l	100
90) Hexachloroethane	14.12	117	144207	52.525	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	322591	52.060	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20500	52.392	ug/l	100

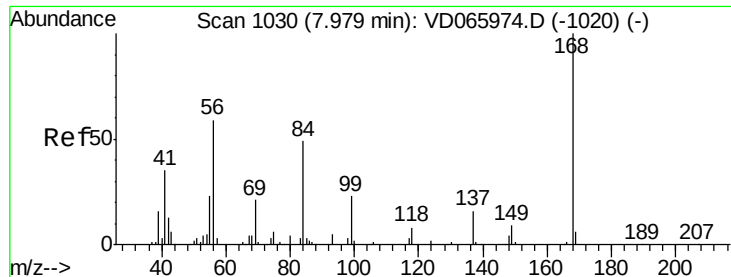
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD072120\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	232002	53.881	ug/l	100
94) Hexachlorobutadiene	15.27	225	143866	53.359	ug/l	100
95) Naphthalene	15.41	128	379063	57.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	201462	53.463	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

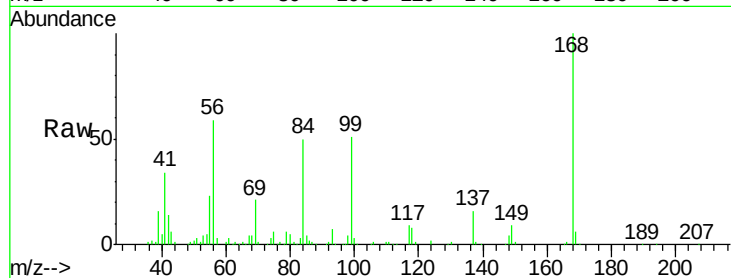
VSTDICCC050

Tgt Ion:168 Resp: 383245

Ion Ratio Lower Upper

168 100

99 51.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

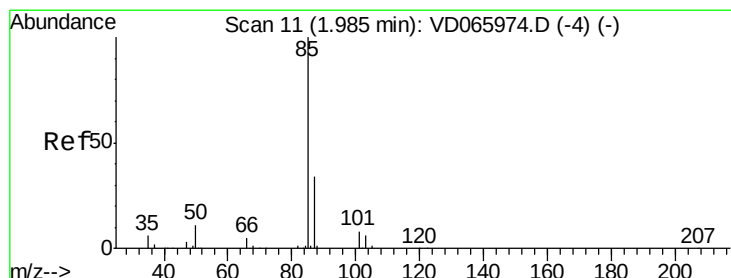
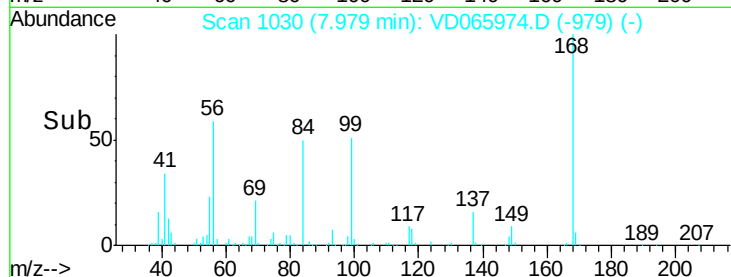
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.040 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065974.D

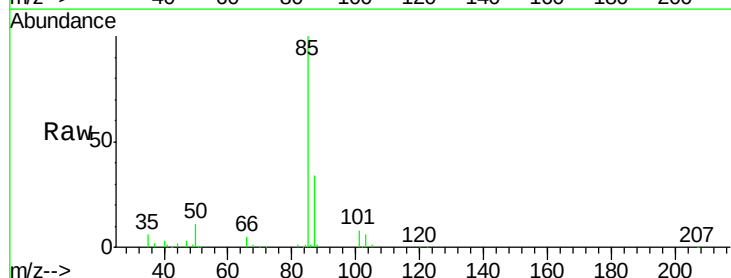
Acq: 21 Jul 2020 11:16

Tgt Ion: 85 Resp: 135784

Ion Ratio Lower Upper

85 100

87 34.5 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

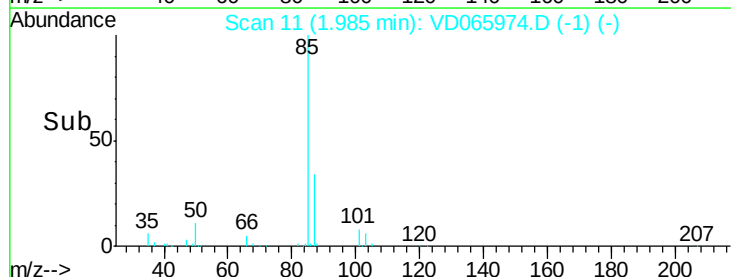
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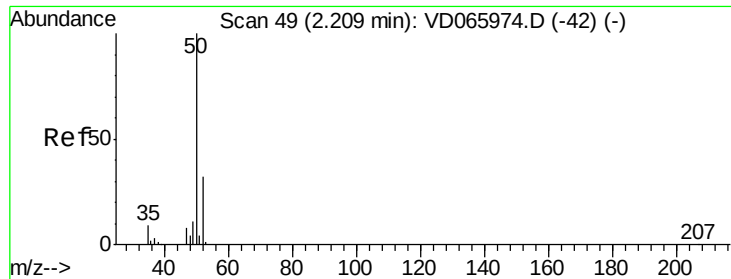
20000

0

1.90 2.00 2.10

Time-->

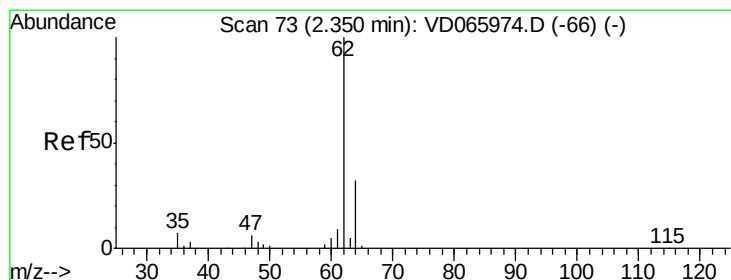
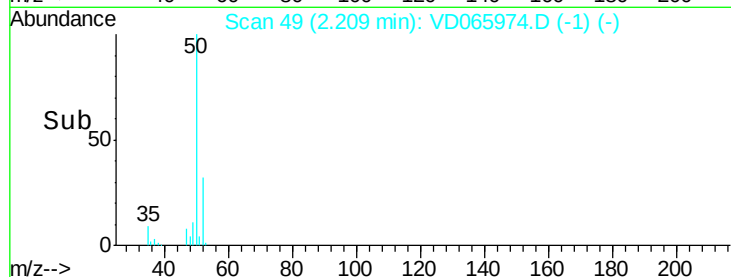
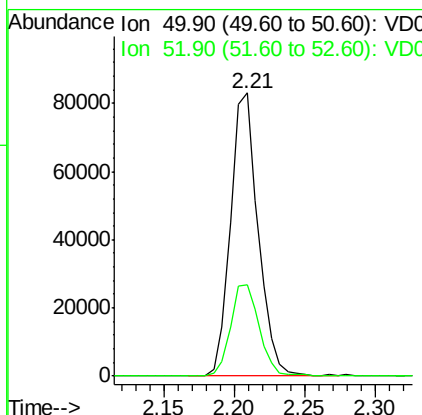
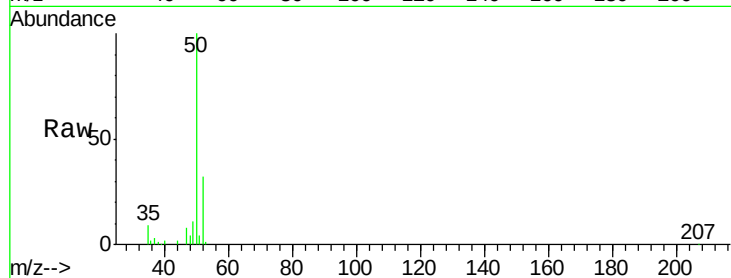




#3
Chloromethane
Concen: 46.493 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

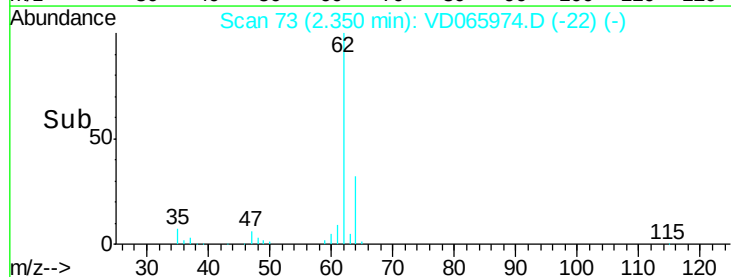
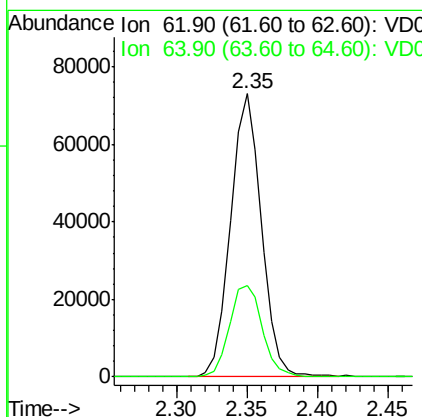
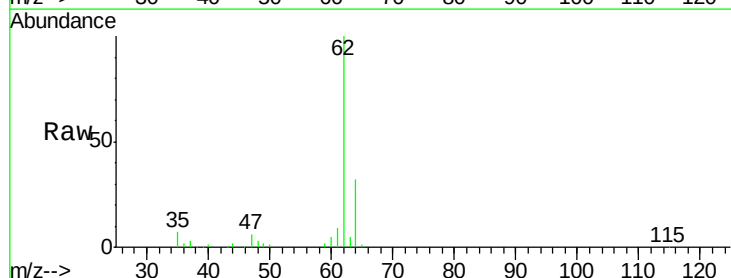
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

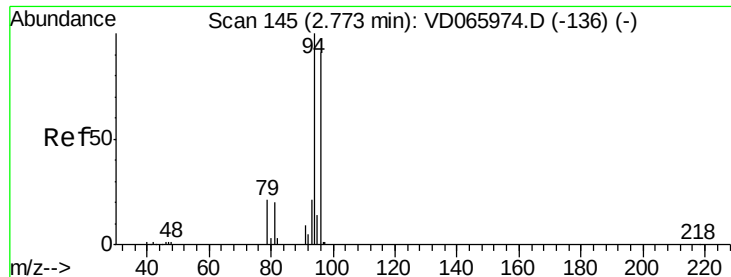
Tgt Ion: 50 Resp: 113204
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.8



#4
Vinyl Chloride
Concen: 47.313 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion: 62 Resp: 111231
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.8





#5

Bromomethane

Concen: 43.857 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

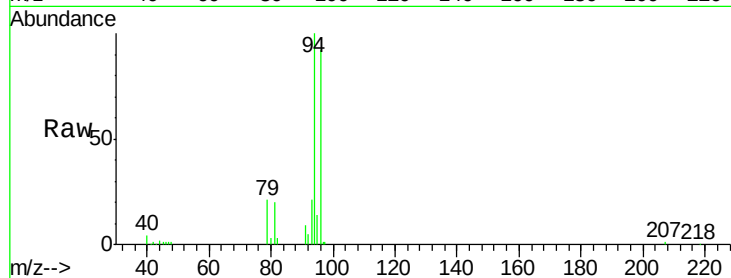
VSTDICCC050

Tgt Ion: 94 Resp: 88147

Ion Ratio Lower Upper

94 100

96 91.2 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

40000

30000

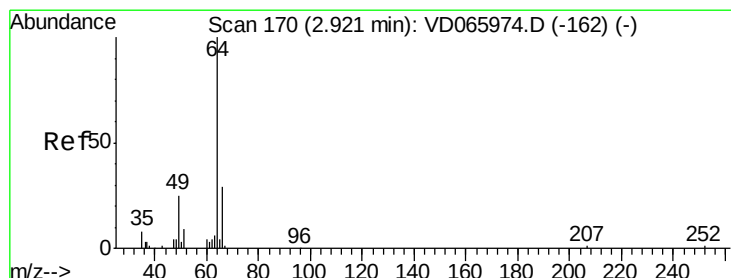
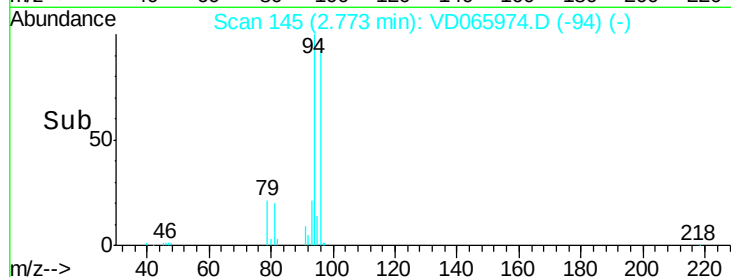
20000

10000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 48.612 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065974.D

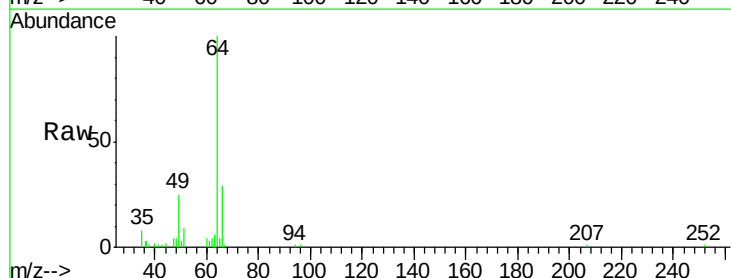
Acq: 21 Jul 2020 11:16

Tgt Ion: 64 Resp: 68871

Ion Ratio Lower Upper

64 100

66 29.2 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

40000

30000

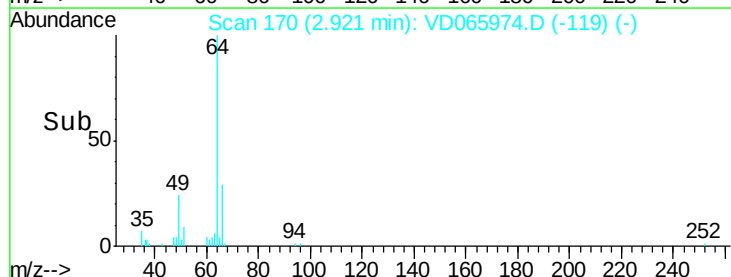
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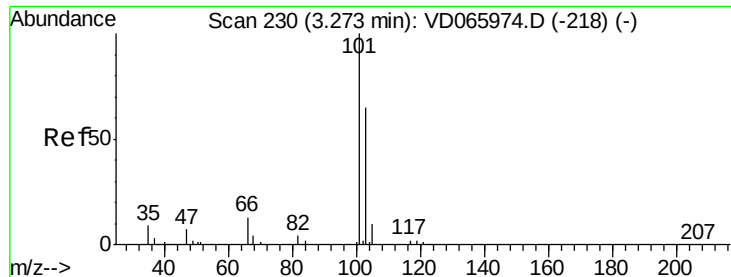
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Time-->

2.85 2.90 2.95 3.00



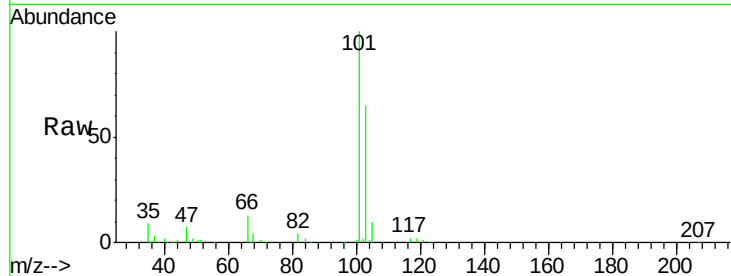


#7

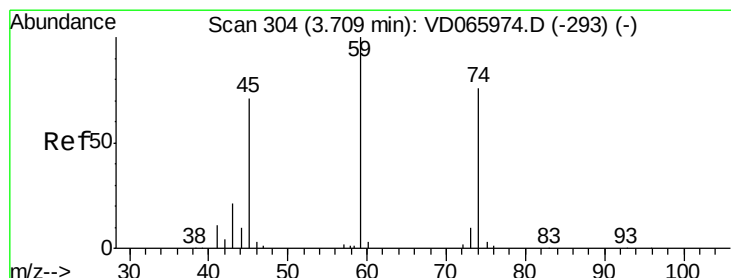
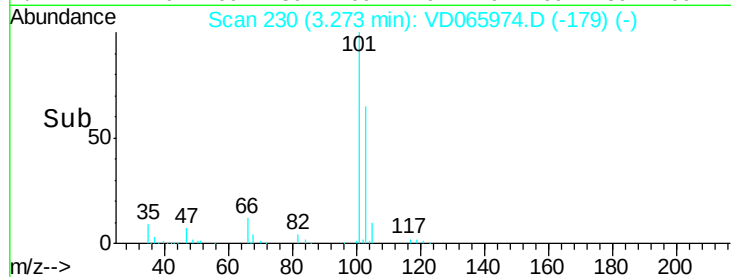
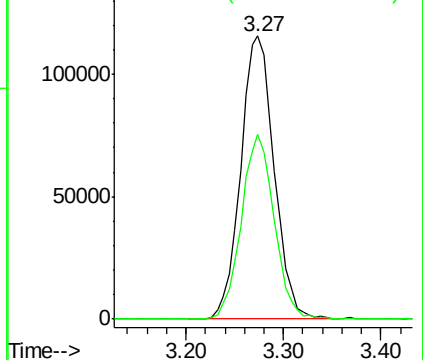
Trichlorofluoromethane
Concen: 48.854 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 276396
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1



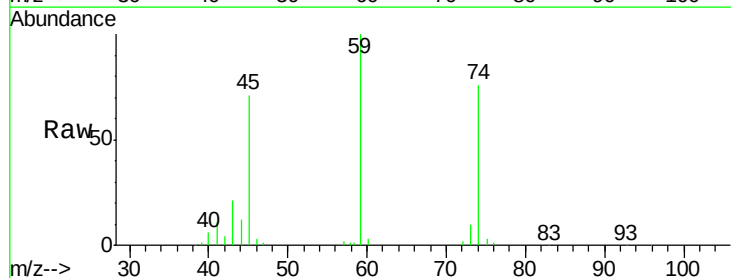
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



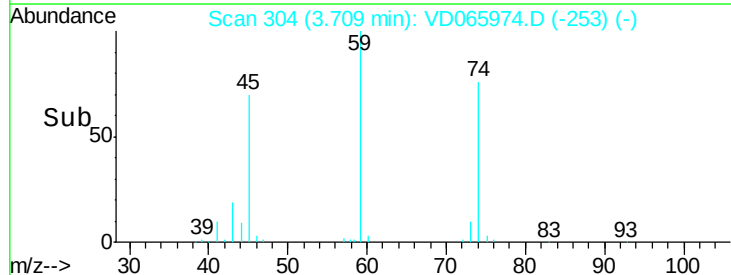
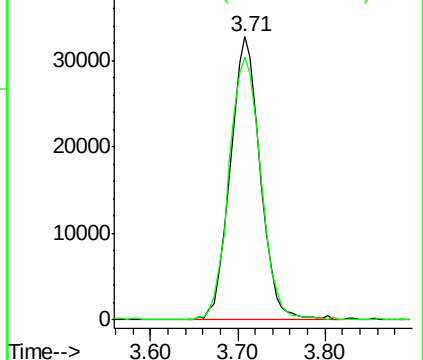
#8

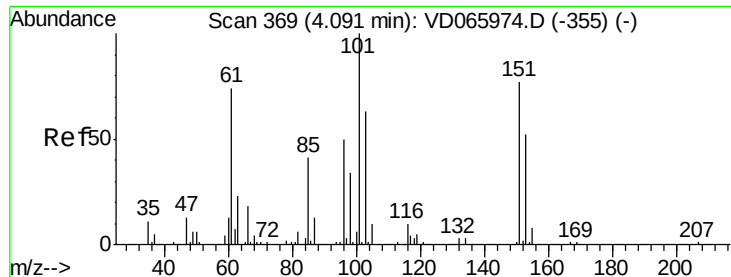
Diethyl Ether
Concen: 52.117 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion: 74 Resp: 75903
Ion Ratio Lower Upper
74 100
45 99.7 49.9 149.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.610 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

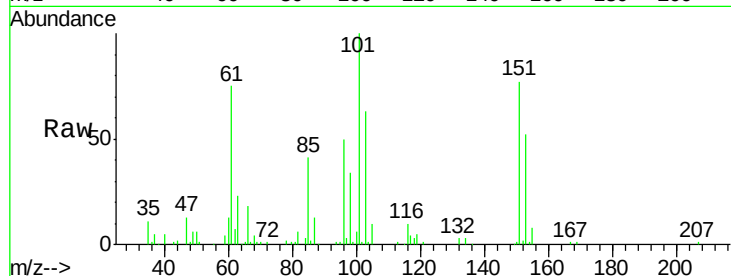
Tgt Ion:101 Resp: 166426

Ion Ratio Lower Upper

101 100

85 42.0 33.6 50.4

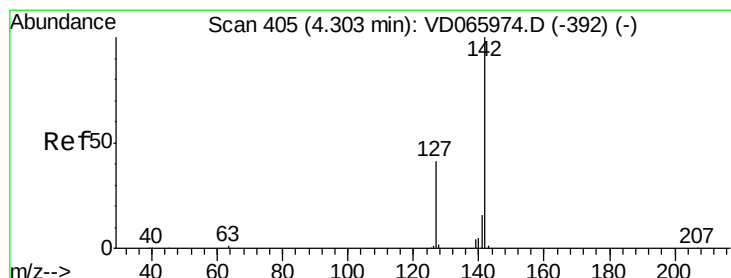
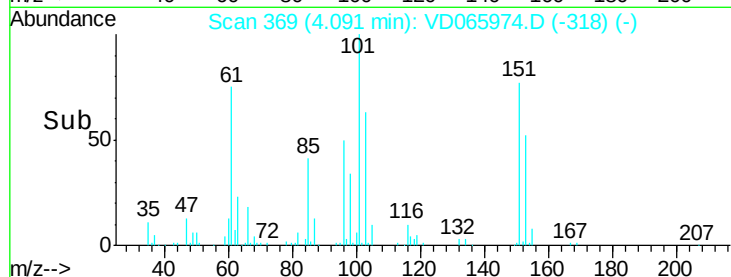
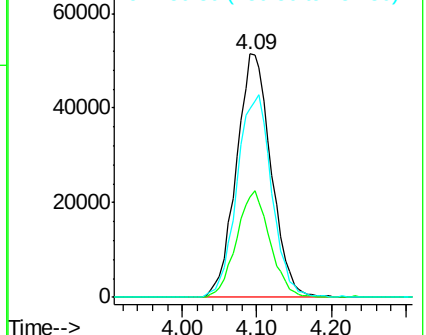
151 83.2 66.6 99.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 78.372 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

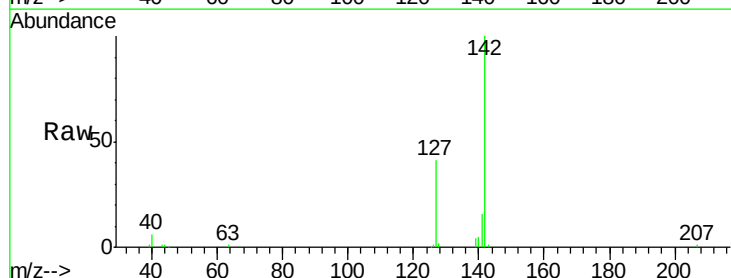
Tgt Ion:142 Resp: 143625

Ion Ratio Lower Upper

142 100

127 41.1 32.9 49.3

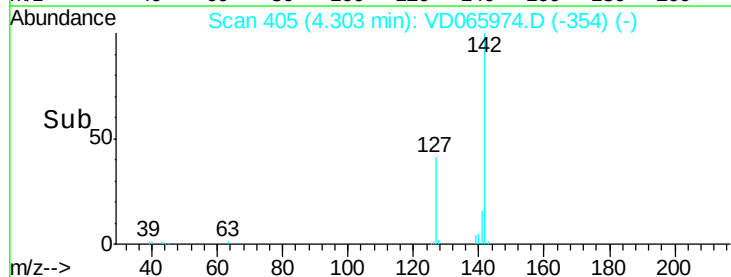
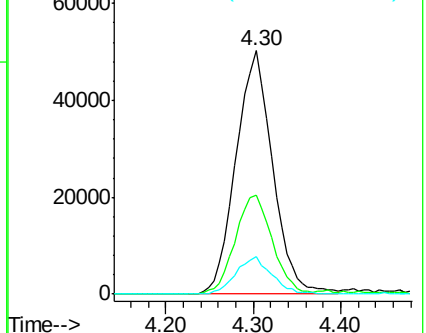
141 14.7 11.8 17.6

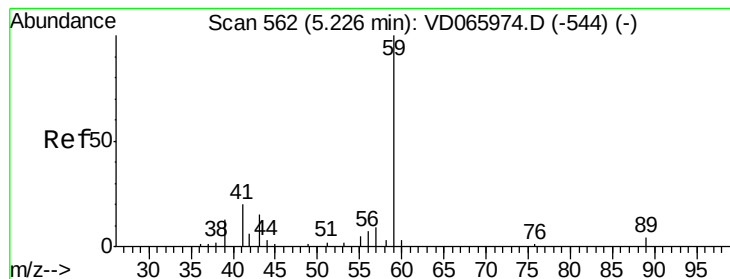


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



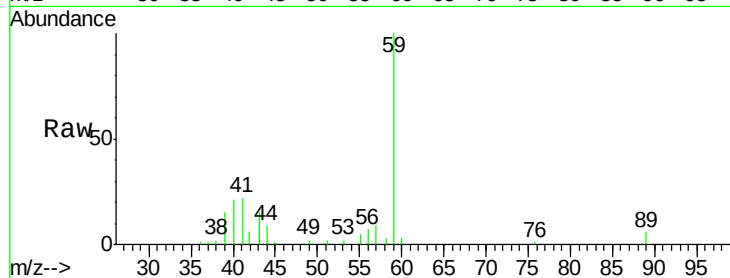


#11

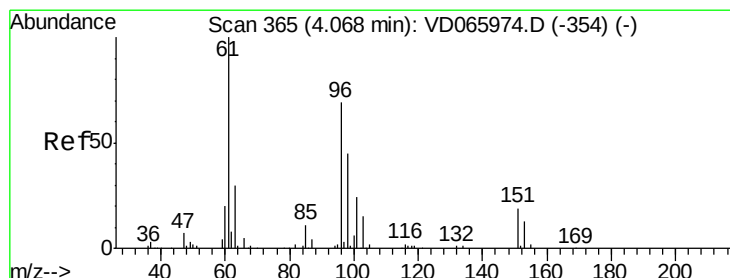
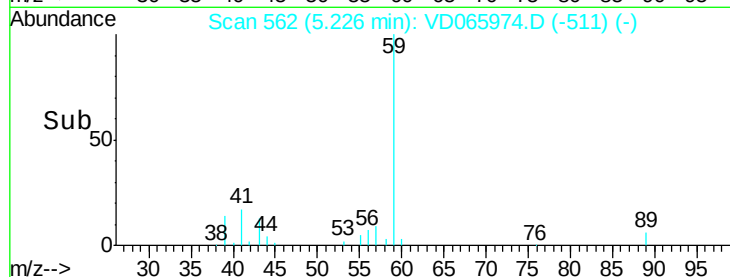
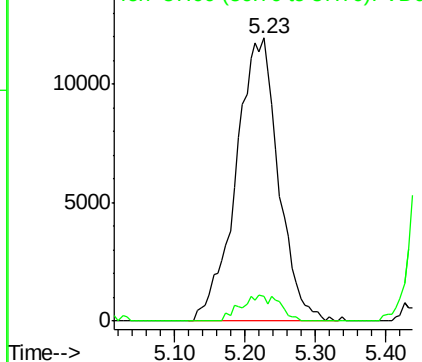
Tert butyl alcohol
Concen: 189.500 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 50154
Ion Ratio Lower Upper
59 100
57 5.6 4.5 6.7



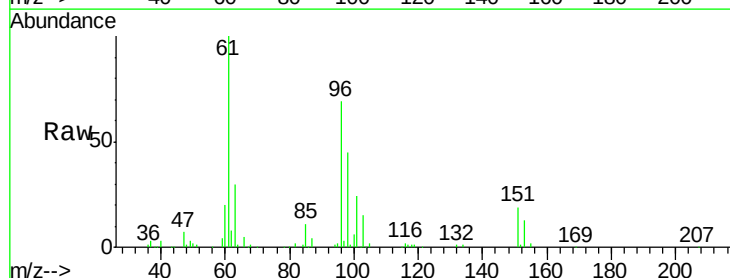
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



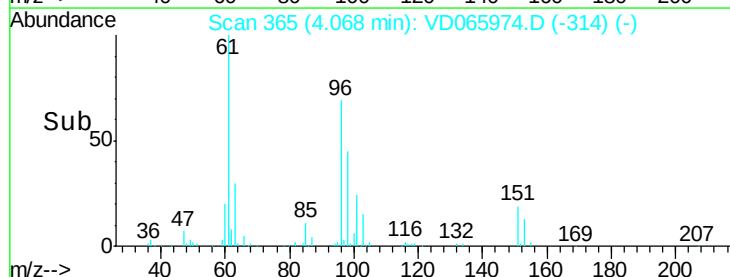
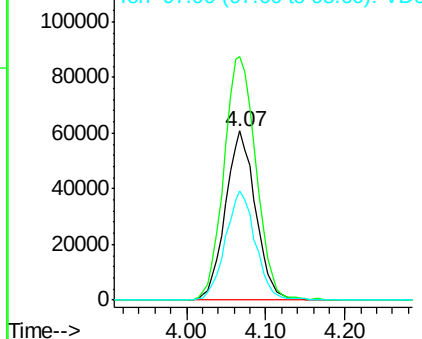
#12

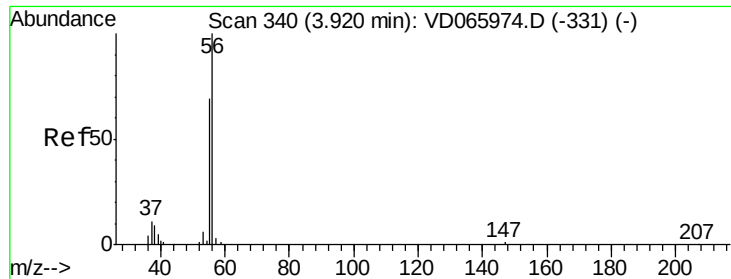
1,1-Dichloroethene
Concen: 50.147 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion: 96 Resp: 159707
Ion Ratio Lower Upper
96 100
61 144.2 115.4 173.0
98 64.4 51.5 77.3



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

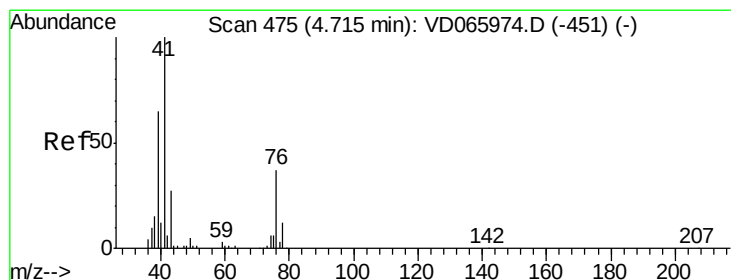
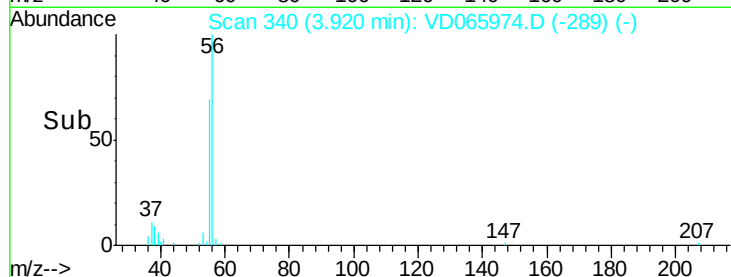
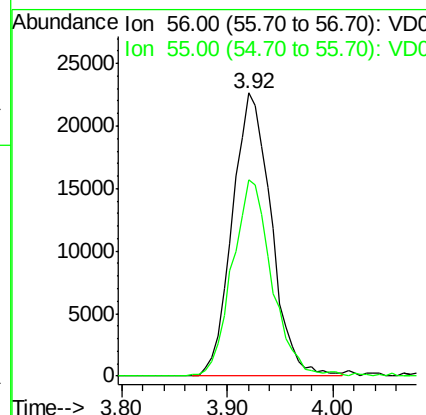
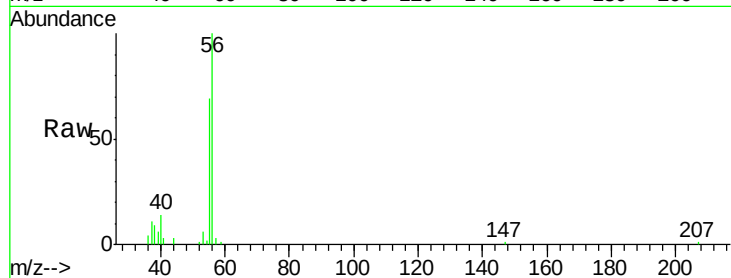




#13
 Acrolein
 Concen: 226.047 ug/l
 RT: 3.92 min Scan# 340
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

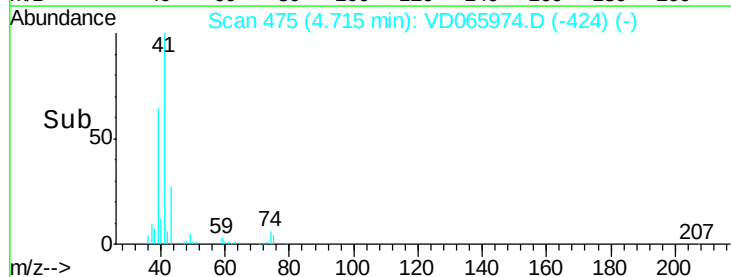
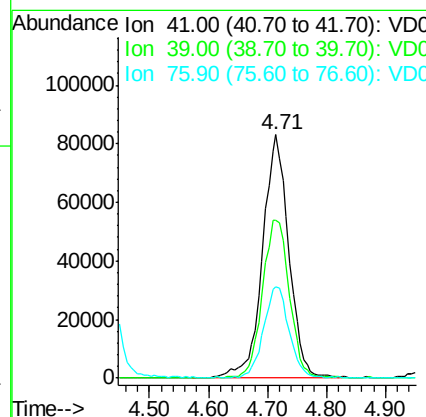
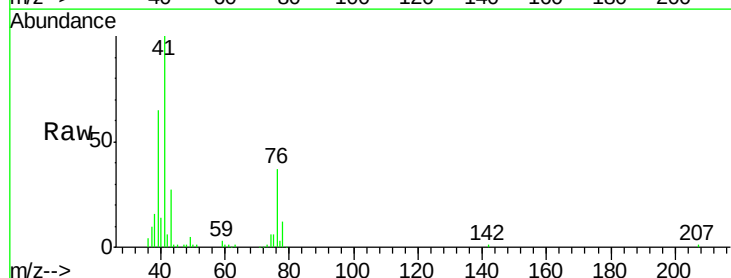
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

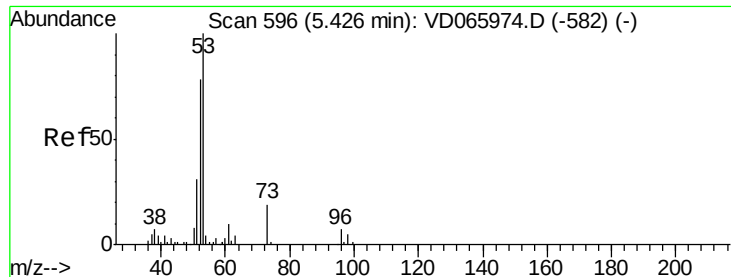
Tgt Ion: 56 Resp: 57808
 Ion Ratio Lower Upper
 56 100
 55 69.8 55.8 83.8



#14
 Allyl chloride
 Concen: 52.573 ug/l
 RT: 4.71 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

Tgt Ion: 41 Resp: 257006
 Ion Ratio Lower Upper
 41 100
 39 66.8 53.4 80.2
 76 36.4 29.1 43.7





#15

Acrylonitrile

Concen: 262.468 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

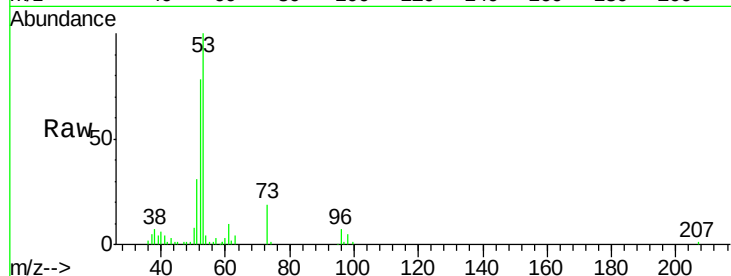
Tgt Ion: 53 Resp: 164040

Ion Ratio Lower Upper

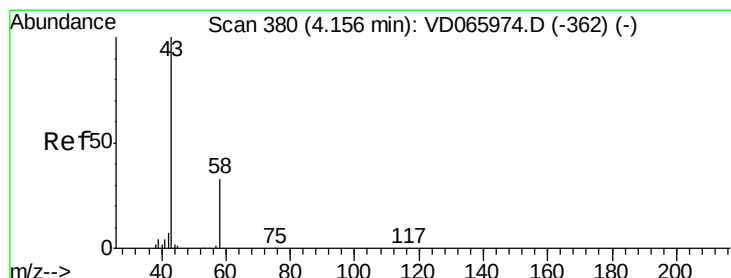
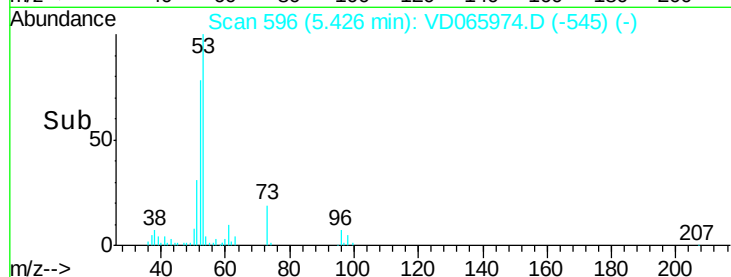
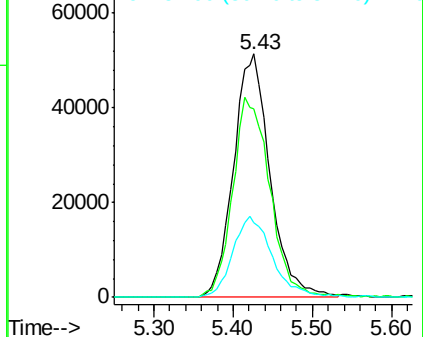
53 100

52 83.9 67.1 100.7

51 35.9 28.7 43.1



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: 261.349 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065974.D

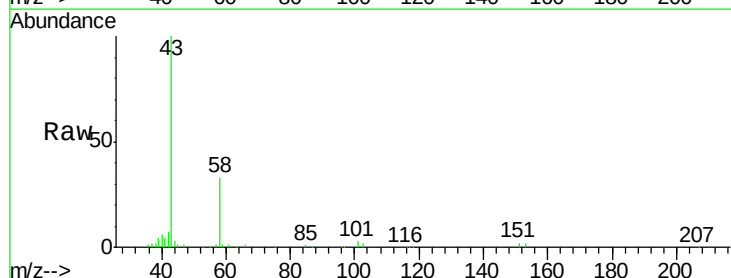
Acq: 21 Jul 2020 11:16

Tgt Ion: 43 Resp: 164639

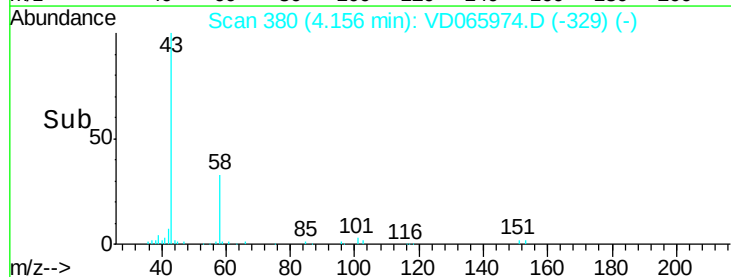
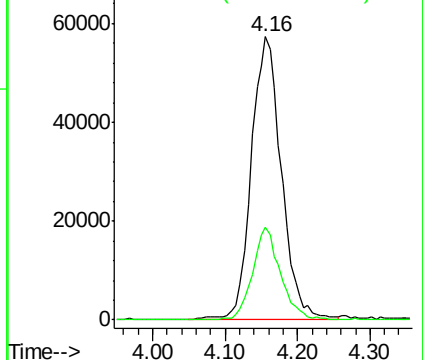
Ion Ratio Lower Upper

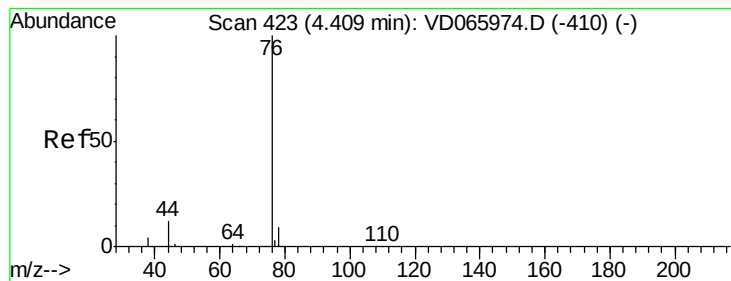
43 100

58 32.9 26.3 39.5



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





#17

Carbon Disulfide

Concen: 49.688 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

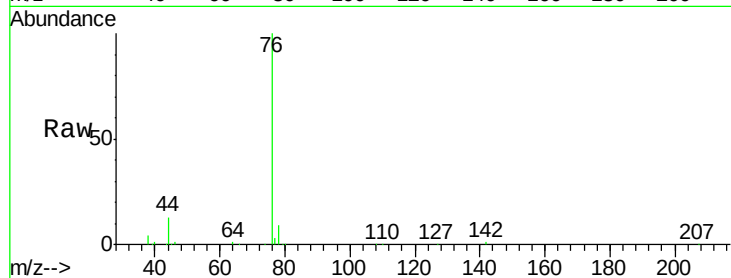
VSTDICCC050

Tgt Ion: 76 Resp: 516785

Ion Ratio Lower Upper

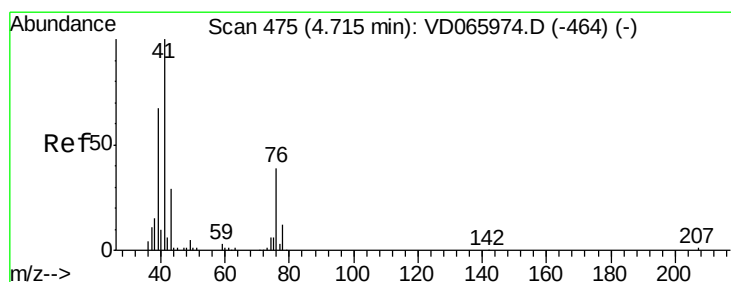
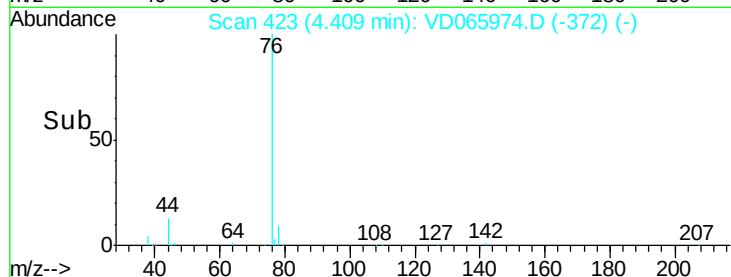
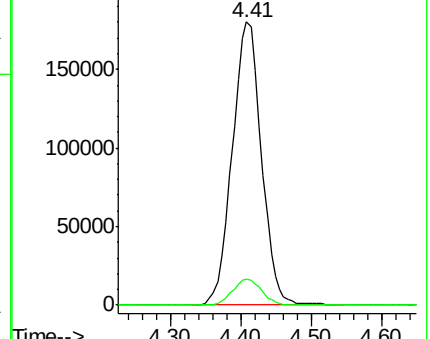
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 48.341 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065974.D

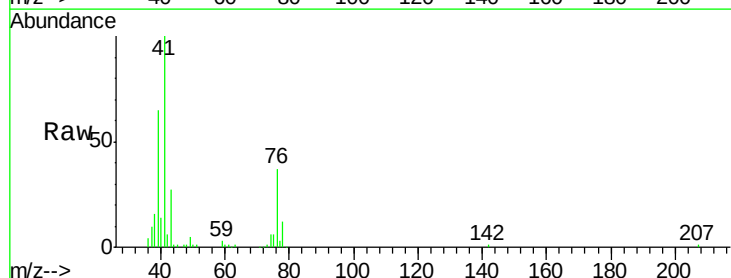
Acq: 21 Jul 2020 11:16

Tgt Ion: 43 Resp: 70054

Ion Ratio Lower Upper

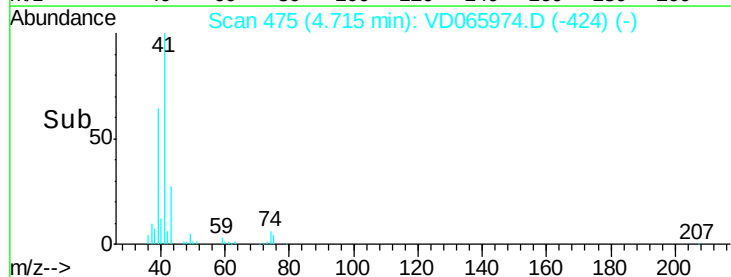
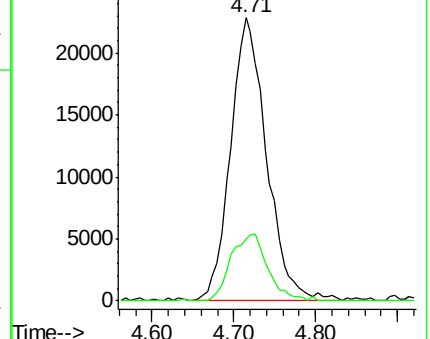
43 100

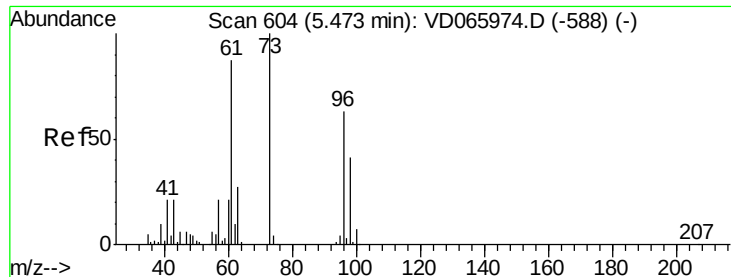
74 24.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



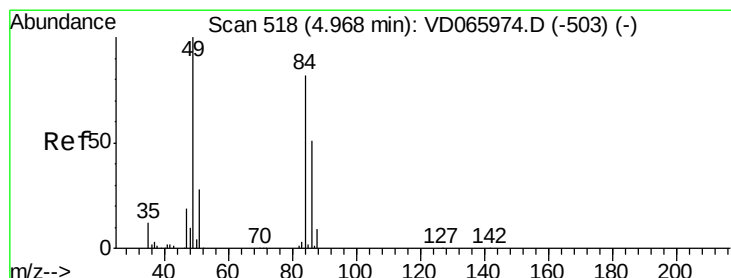
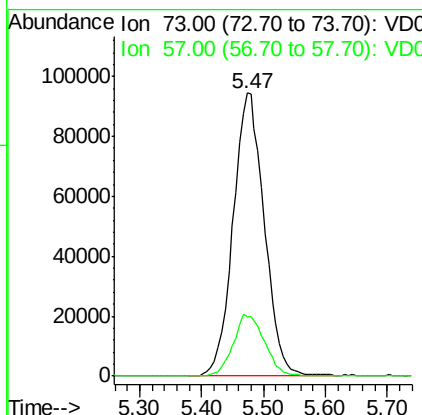
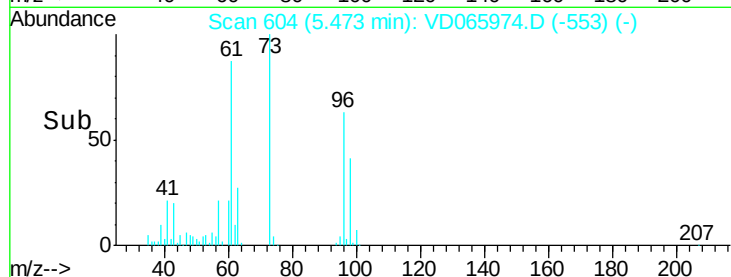
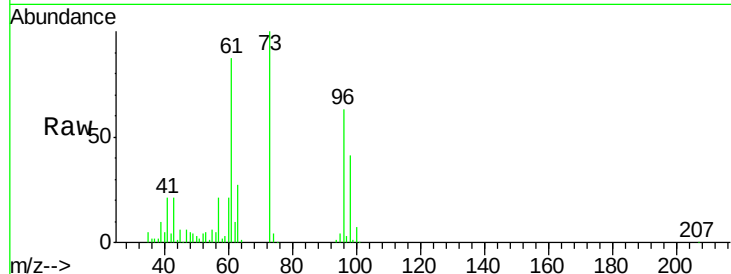


#19

Methyl tert-butyl Ether
Concen: 53.080 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

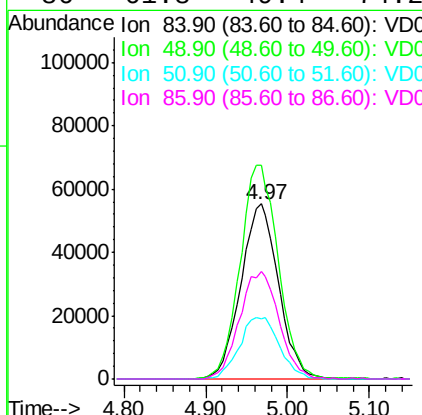
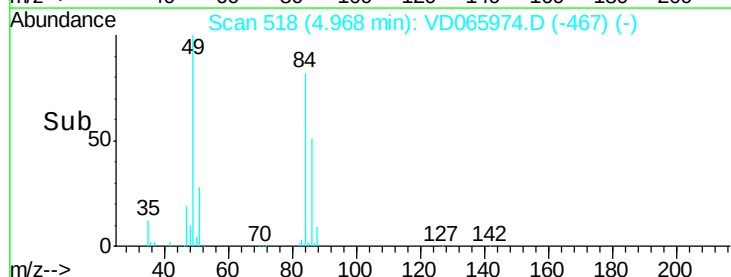
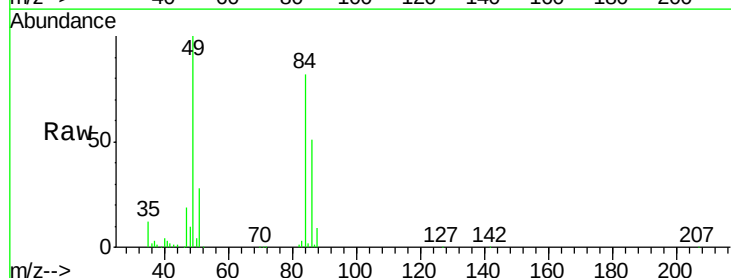
Tgt Ion: 73 Resp: 331565
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4

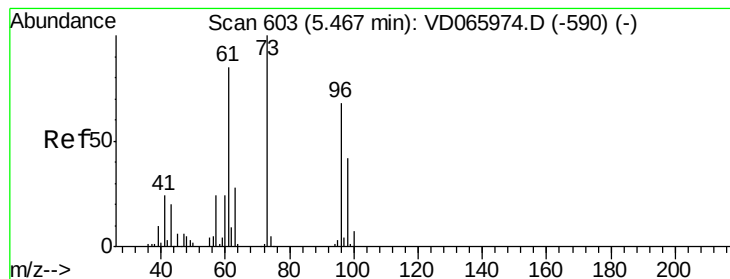


#20

Methylene Chloride
Concen: 40.718 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion: 84 Resp: 176968
Ion Ratio Lower Upper
84 100
49 122.1 97.7 146.5
51 34.3 27.4 41.2
86 61.8 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 50.237 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

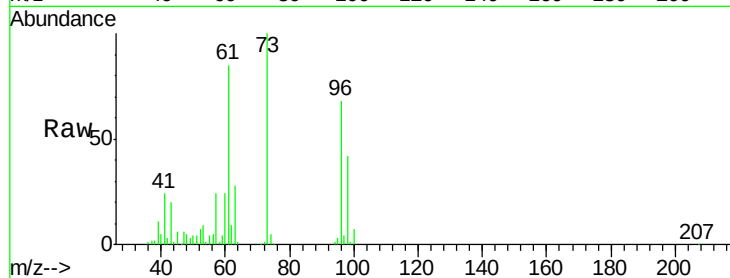
Tgt Ion: 96 Resp: 180705

Ion Ratio Lower Upper

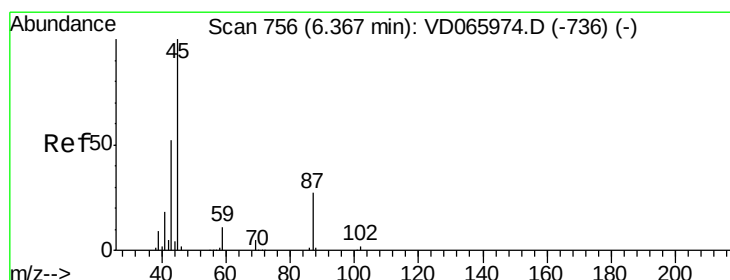
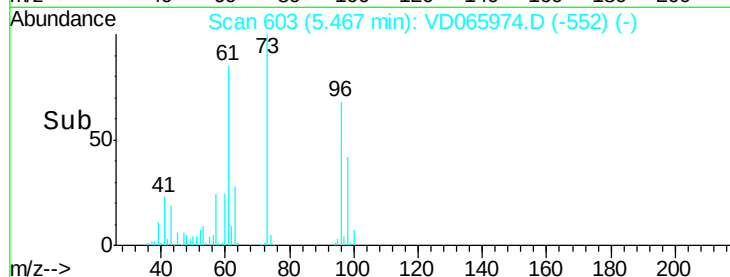
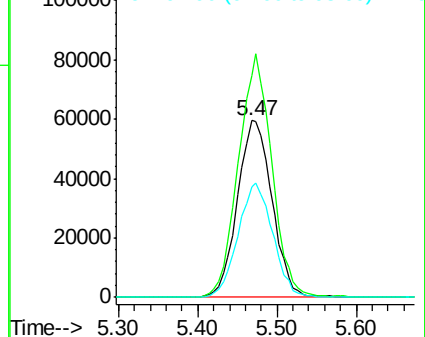
96 100

61 125.6 100.5 150.7

98 62.1 49.7 74.5



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: 52.904 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Tgt Ion: 45 Resp: 489605

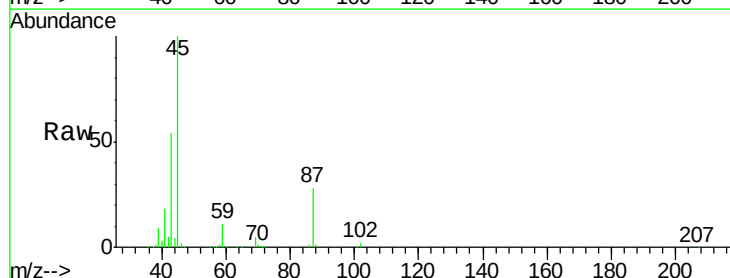
Ion Ratio Lower Upper

45 100

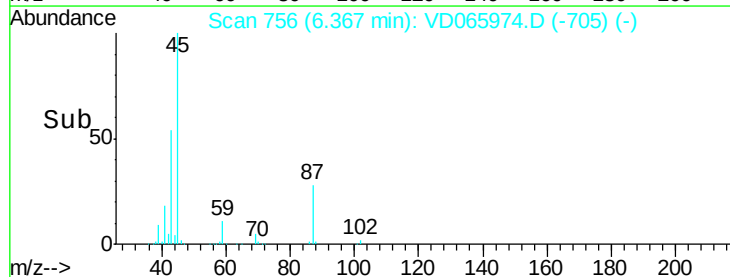
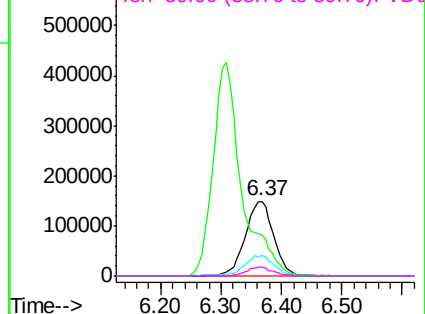
43 53.7 43.0 64.4

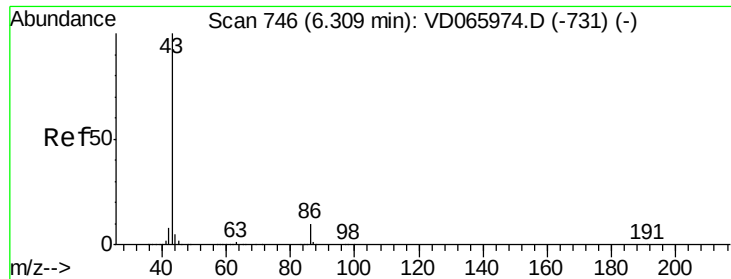
87 27.5 22.0 33.0

59 11.4 9.1 13.7



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

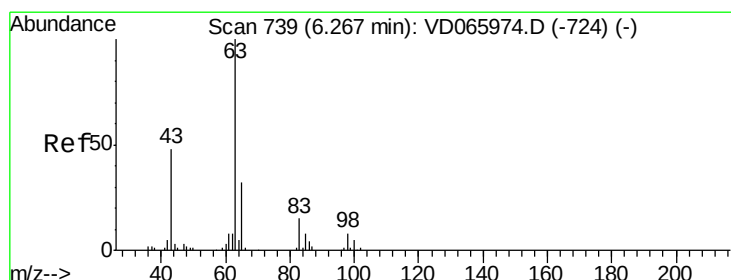
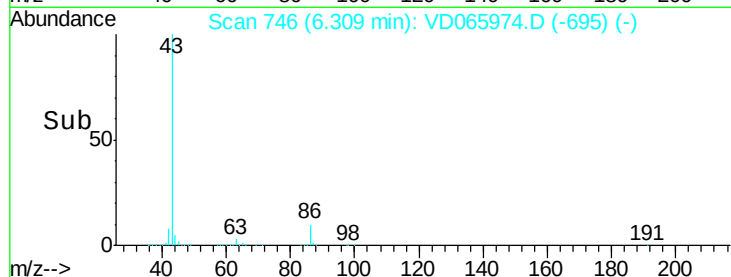
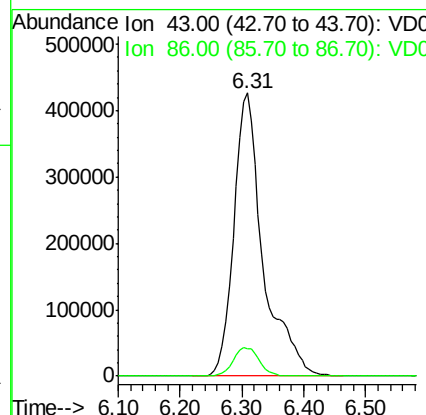
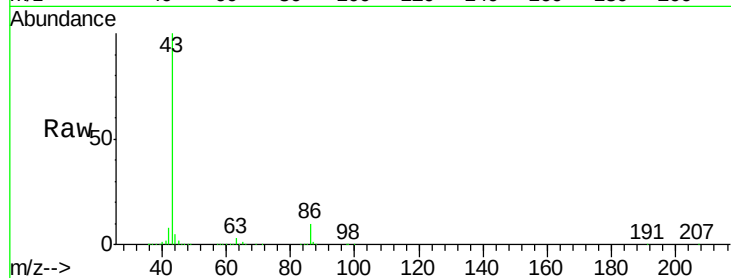




#23
 Vinyl Acetate
 Concen: 275.873 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

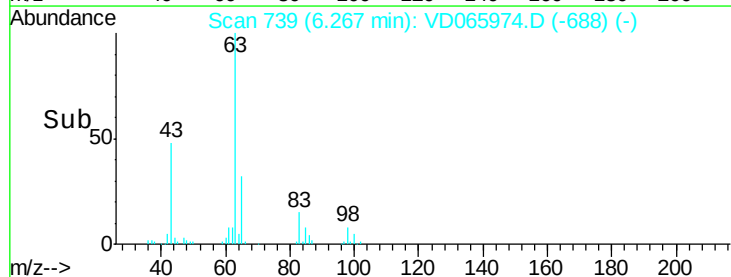
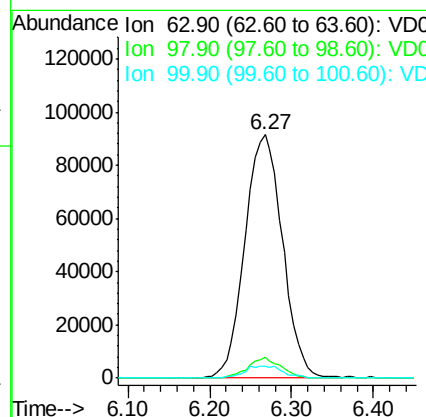
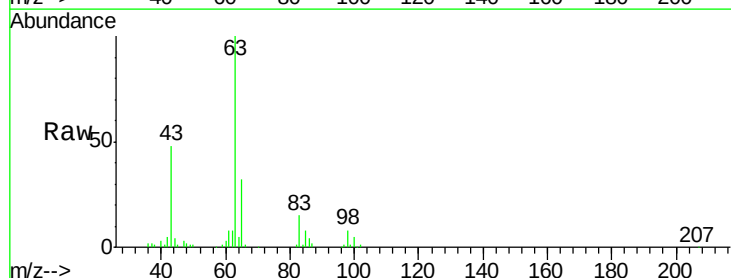
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

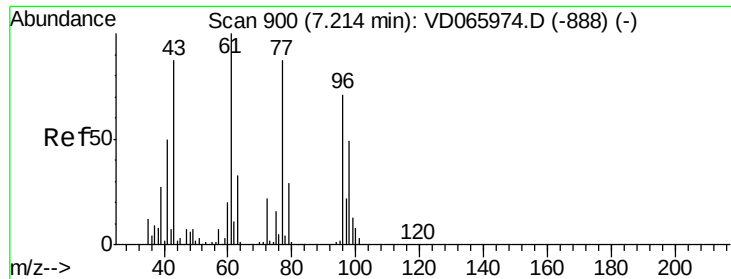
Tgt Ion: 43 Resp: 1400947
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 50.707 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

Tgt Ion: 63 Resp: 293524
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.3 12.8
 100 5.0 2.5 7.5





#25

2-Butanone

Concen: 258.849 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

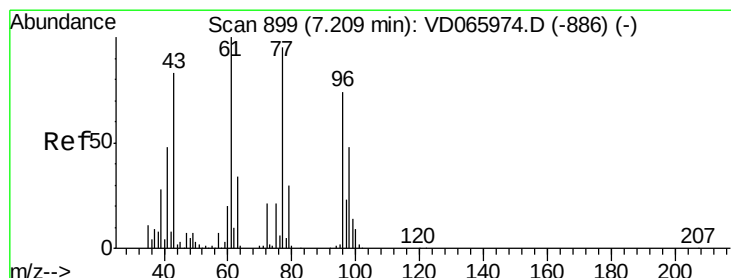
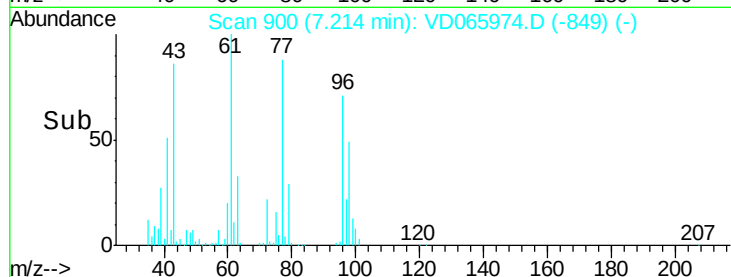
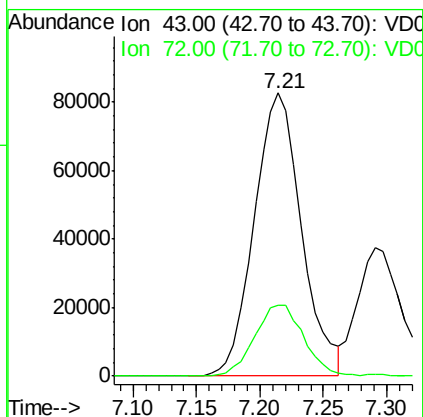
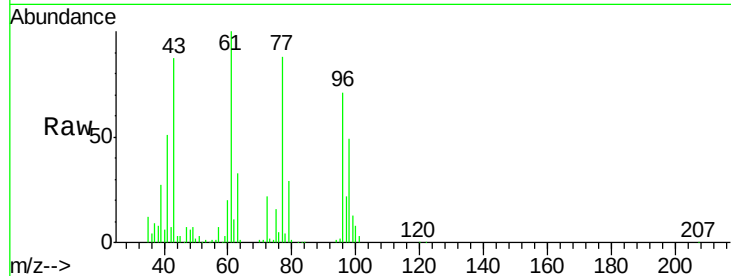
VSTDICCC050

Tgt Ion: 43 Resp: 215008

Ion Ratio Lower Upper

43 100

72 25.2 20.2 30.2



#26

2,2-Dichloropropane

Concen: 49.407 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD065974.D

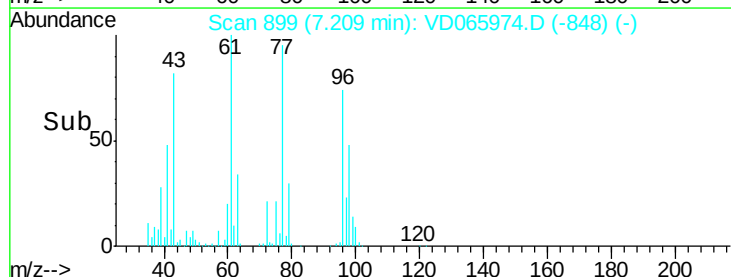
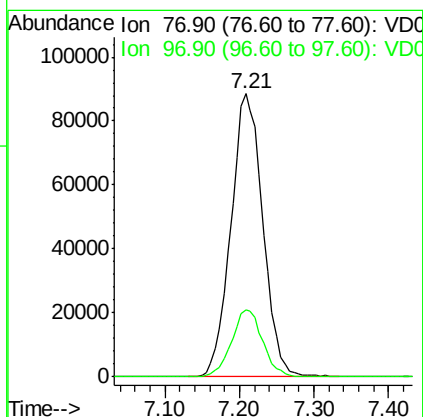
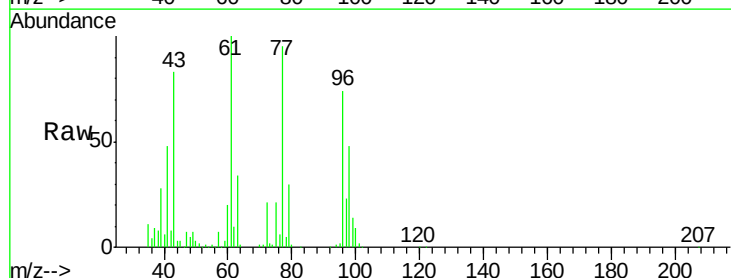
Acq: 21 Jul 2020 11:16

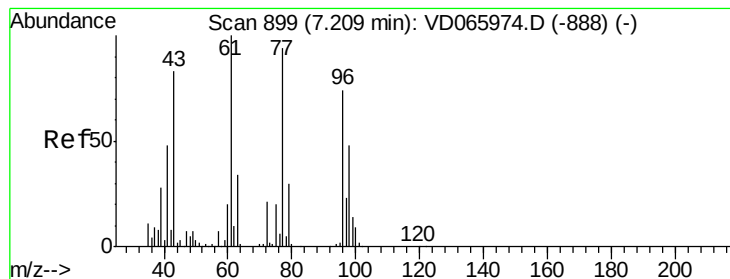
Tgt Ion: 77 Resp: 262501

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7



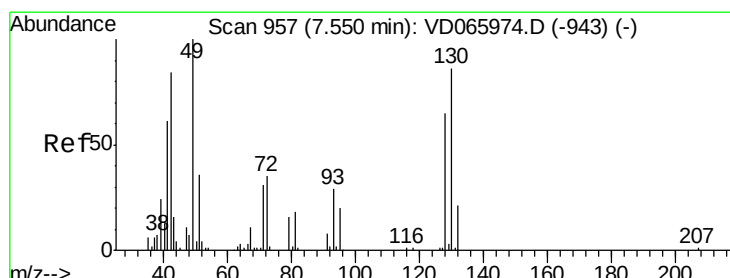
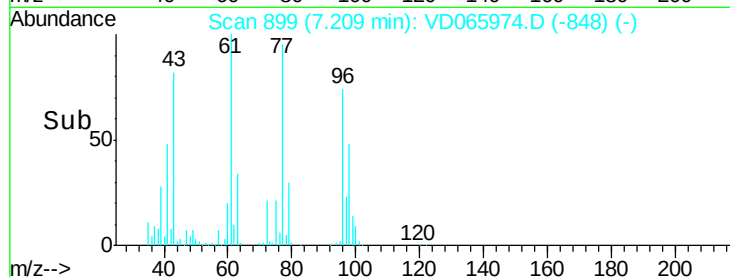
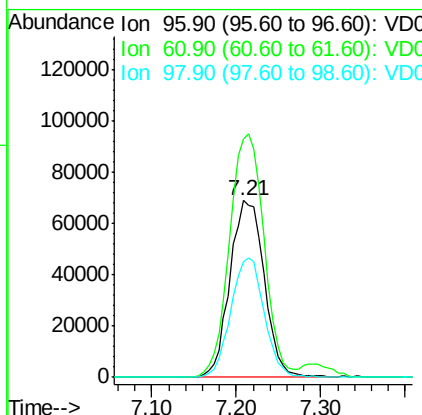
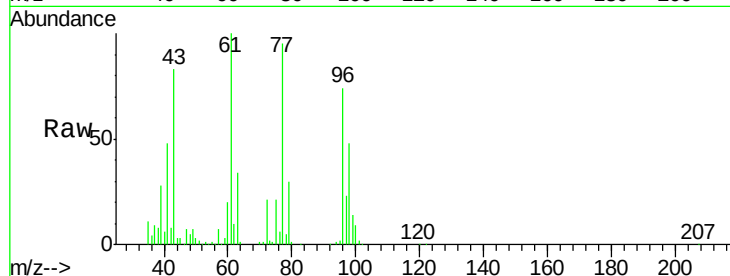


#27

cis-1,2-Dichloroethene
Concen: 51.456 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

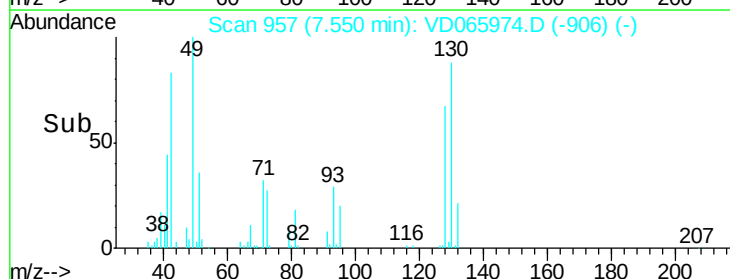
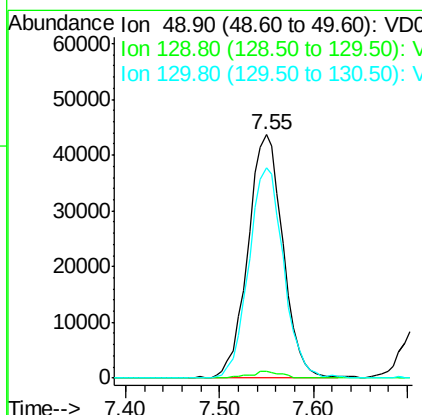
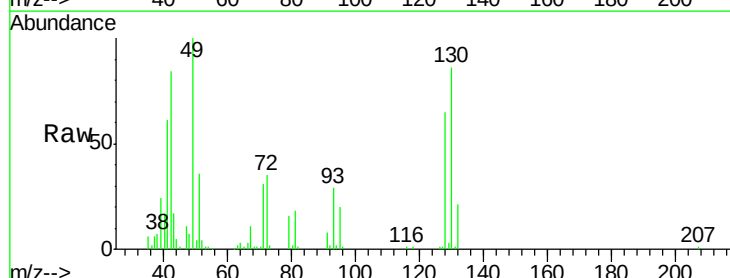
Tgt Ion: 96 Resp: 193940
Ion Ratio Lower Upper
96 100
61 138.3 0.0 276.6
98 65.4 0.0 130.8

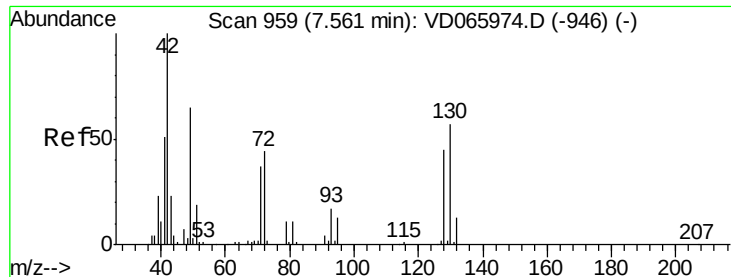


#28

Bromochloromethane
Concen: 47.037 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion: 49 Resp: 112419
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 85.5 68.4 102.6

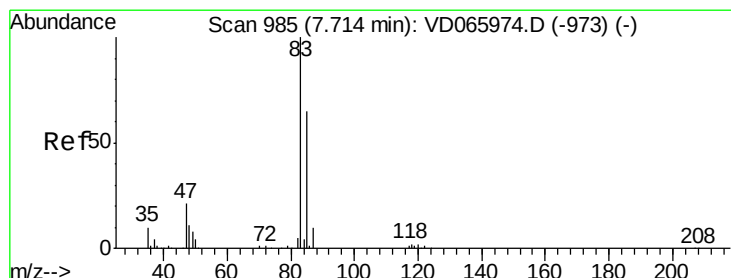
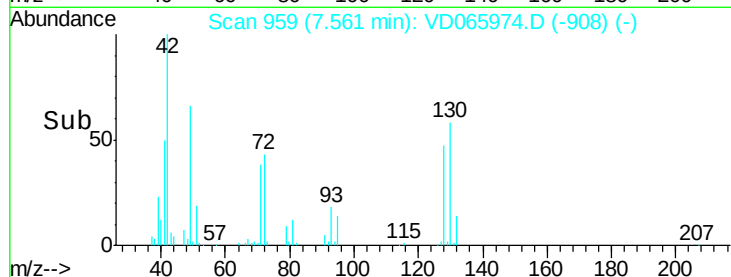
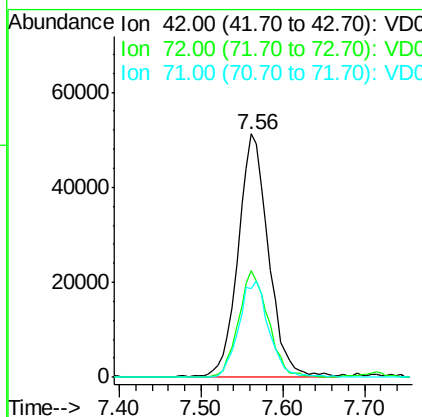
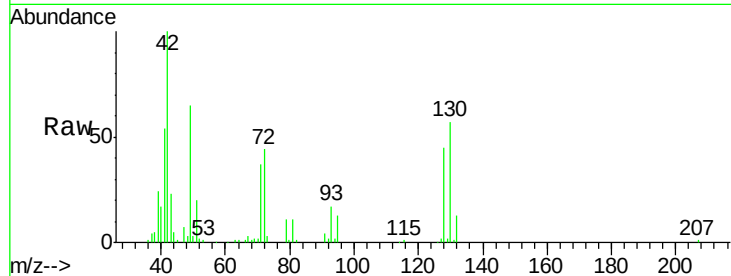




#29
Tetrahydrofuran
Concen: 261.378 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

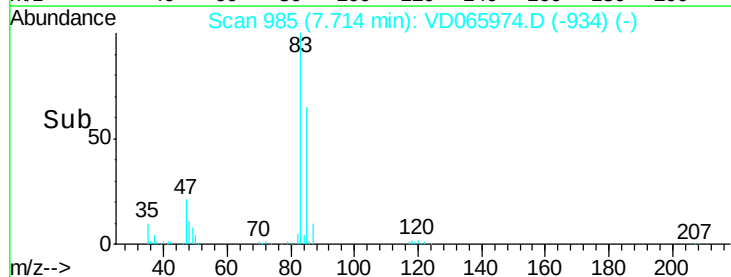
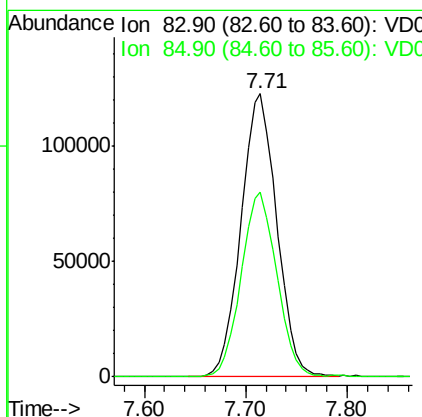
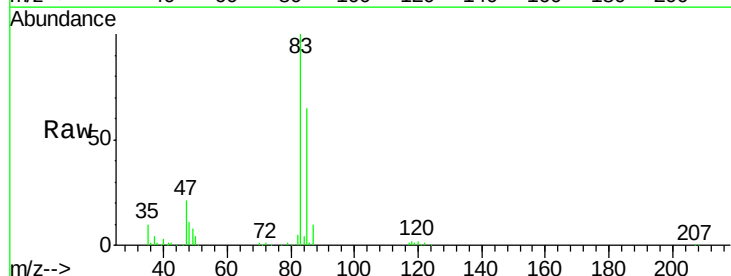
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

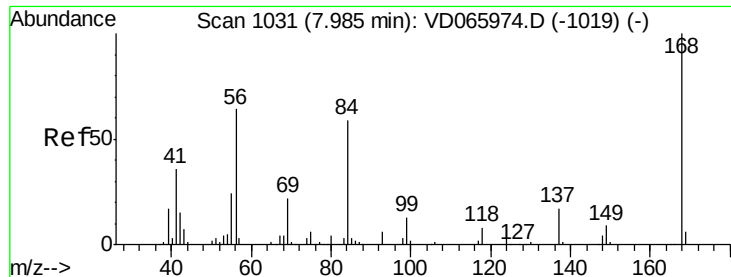
Tgt Ion: 42 Resp: 132471
Ion Ratio Lower Upper
42 100
72 42.7 34.2 51.2
71 39.3 31.4 47.2



#30
Chloroform
Concen: 50.045 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion: 83 Resp: 300452
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1

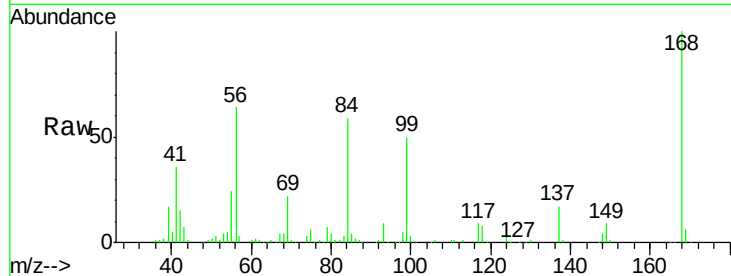




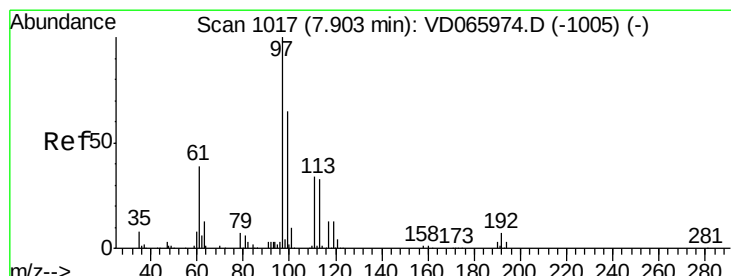
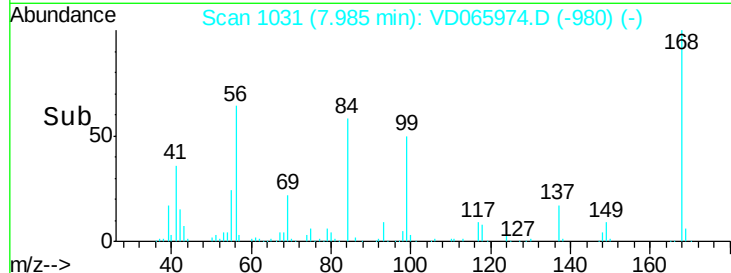
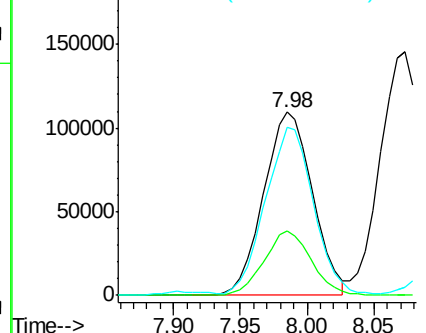
#31
Cyclohexane
Concen: 47.681 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 276995
Ion Ratio Lower Upper
56 100
69 35.0 28.0 42.0
84 90.8 72.6 109.0

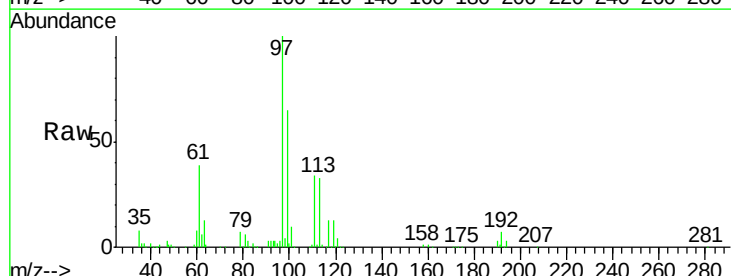


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

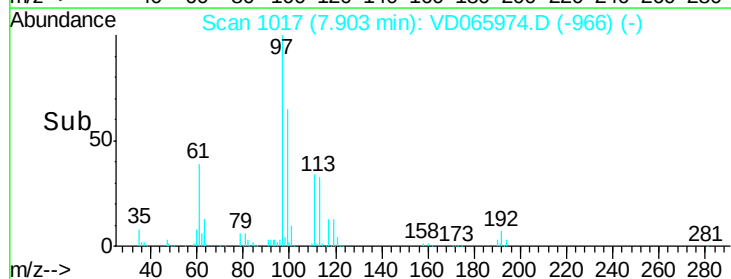
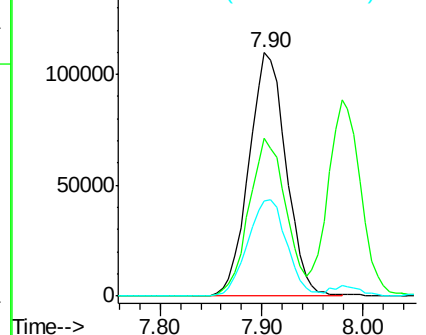


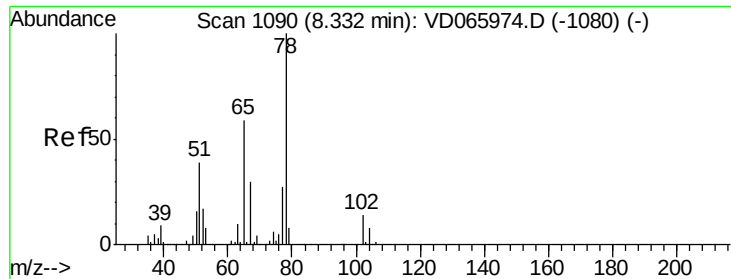
#32
1,1,1-Trichloroethane
Concen: 49.676 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion: 97 Resp: 279053
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 41.6 33.3 49.9



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

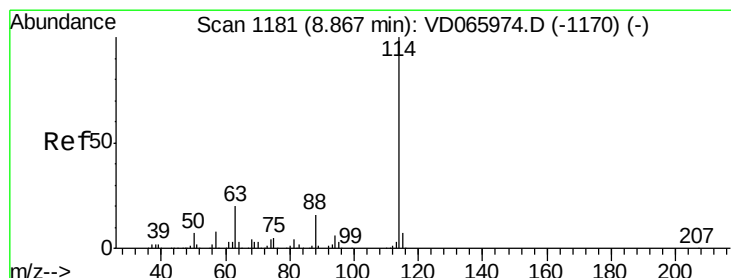
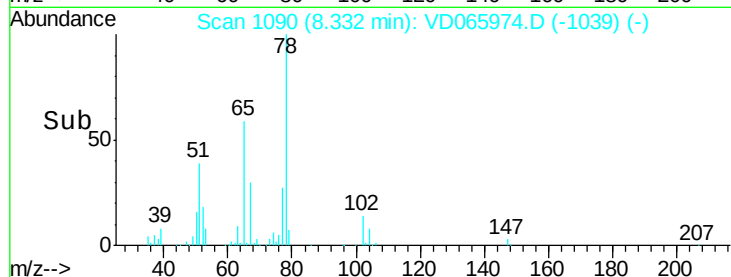
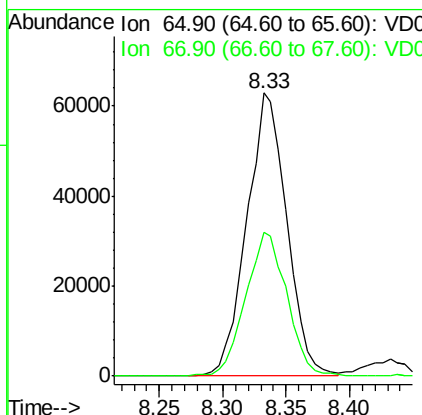
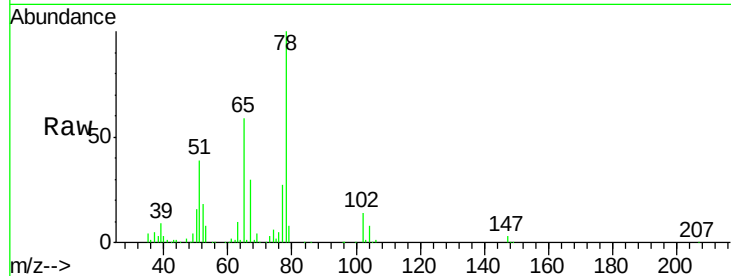




#33
 1,2-Dichloroethane-d4
 Concen: 44.188 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

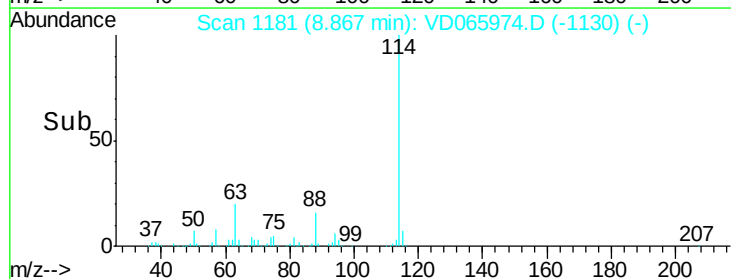
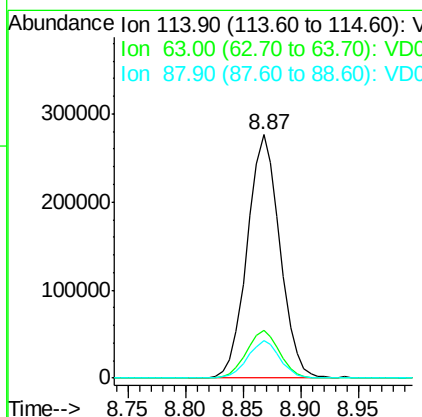
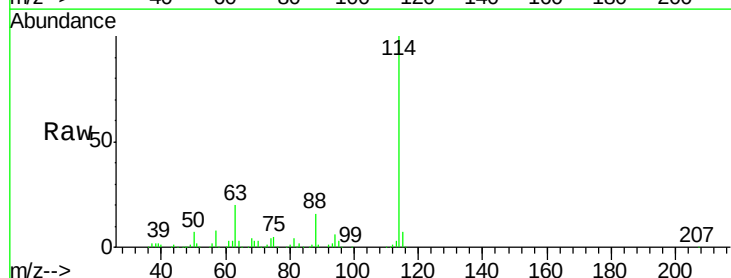
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

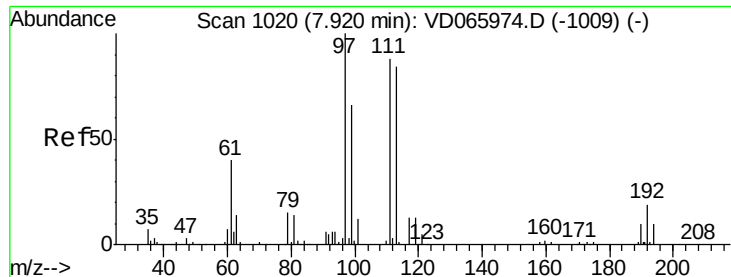
Tgt Ion: 65 Resp: 137935
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

Tgt Ion: 114 Resp: 546900
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.6 0.0 31.2

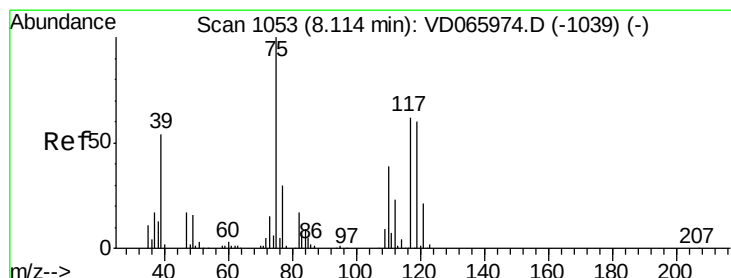
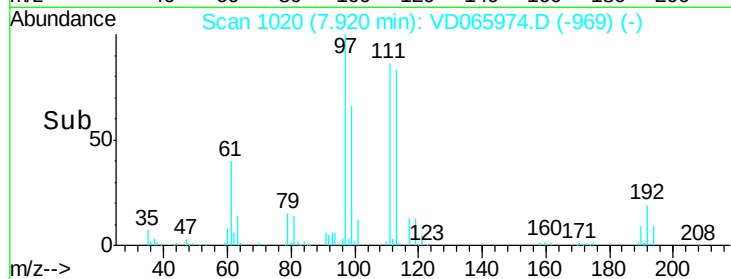
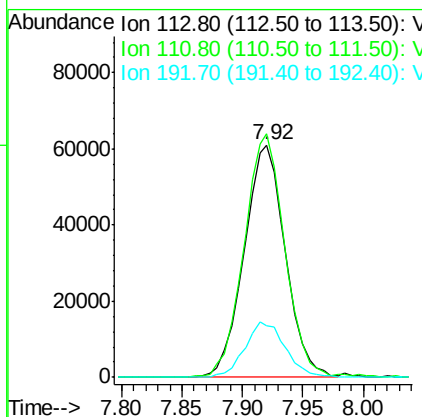
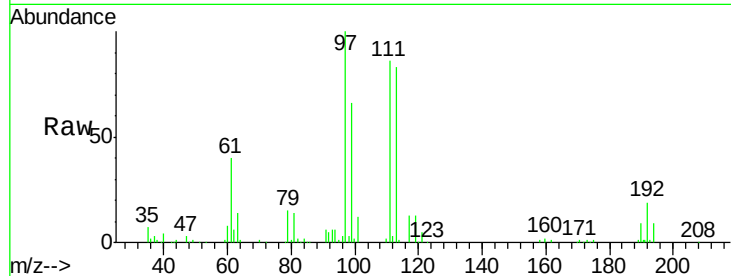




#35
 Dibromofluoromethane
 Concen: 44.190 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

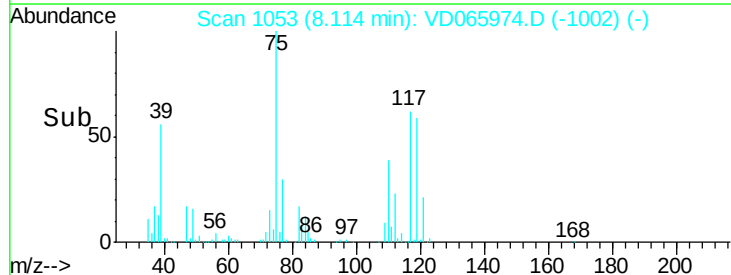
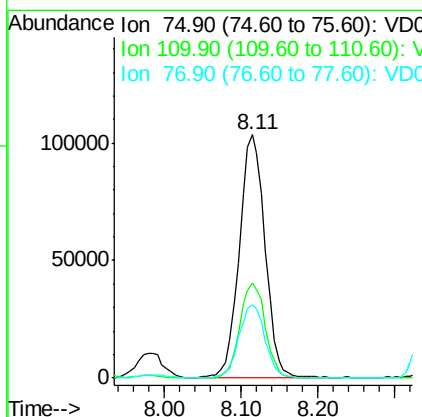
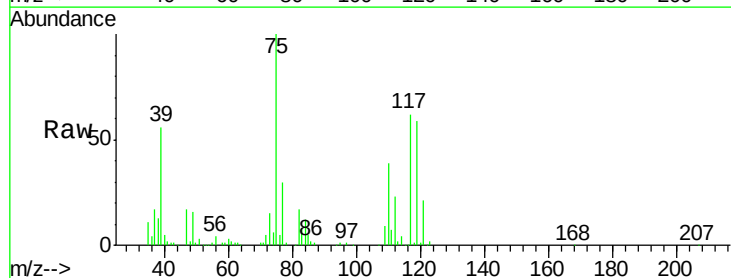
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

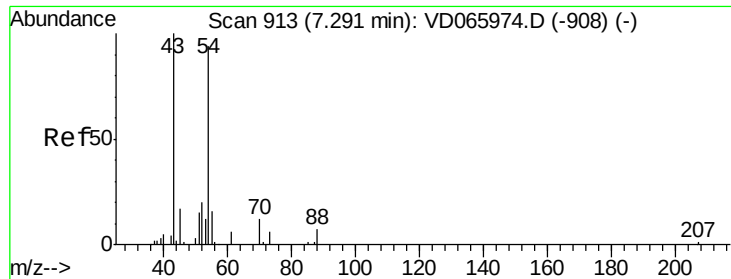
Tgt Ion: 113 Resp: 145198
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.2 124.8
 192 23.4 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 50.876 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

Tgt Ion: 75 Resp: 241621
 Ion Ratio Lower Upper
 75 100
 110 39.0 19.5 58.5
 77 30.9 24.7 37.1

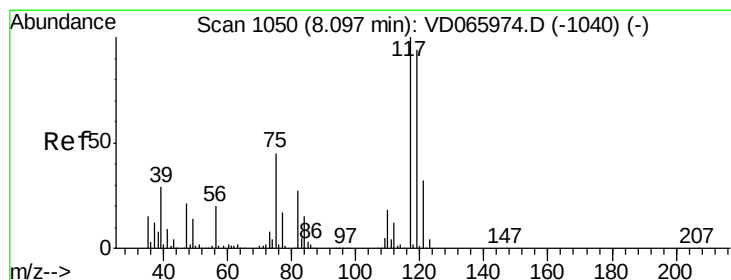
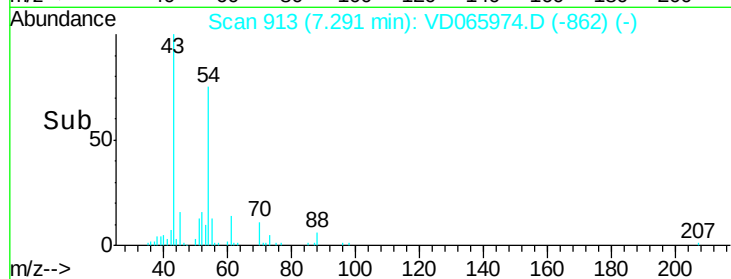
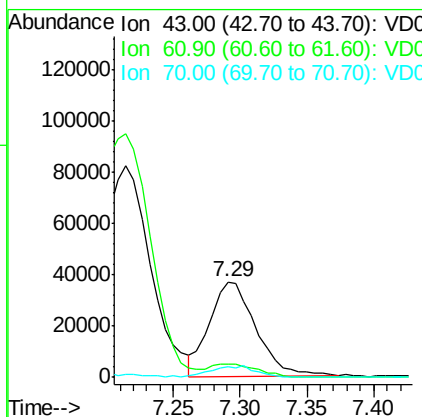
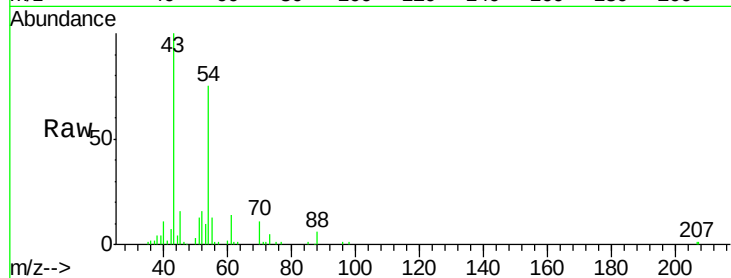




#37
Ethyl Acetate
Concen: 49.394 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

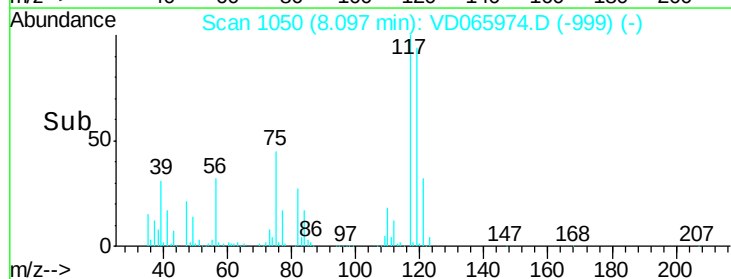
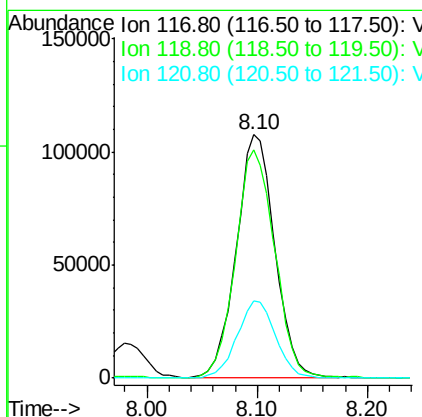
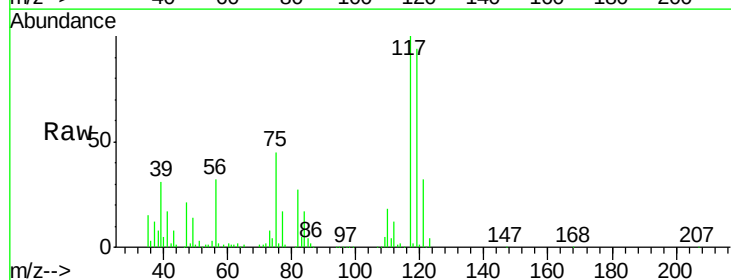
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

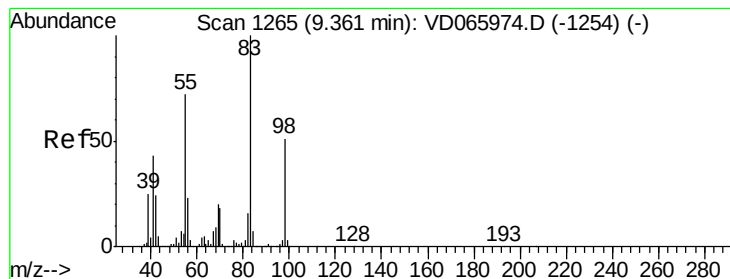
Tgt Ion: 43 Resp: 89987
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.0
70 11.6 9.3 13.9



#38
Carbon Tetrachloride
Concen: 52.032 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion: 117 Resp: 262087
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 31.9 25.5 38.3





#39

Methylcyclohexane

Concen: 53.938 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

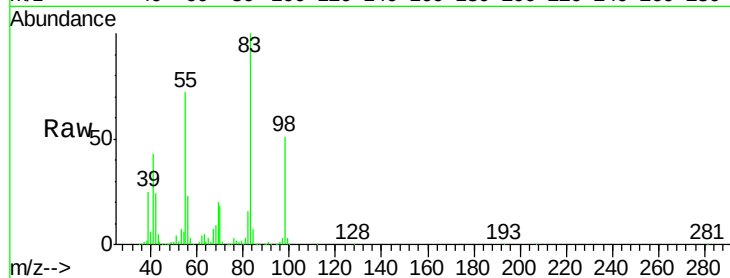
Tgt Ion: 83 Resp: 303375

Ion Ratio Lower Upper

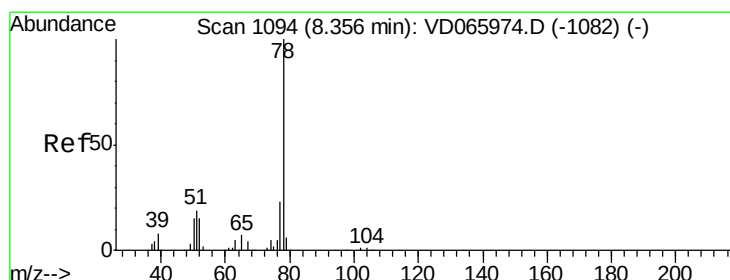
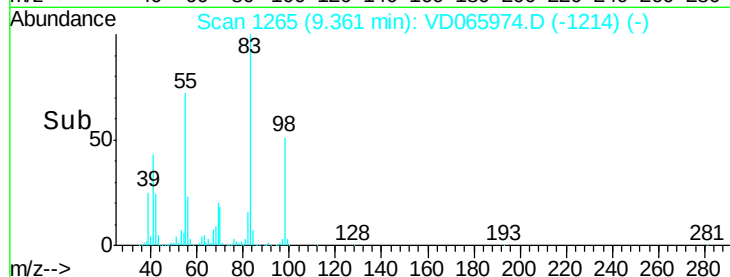
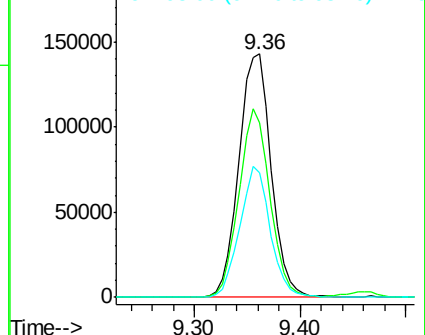
83 100

55 71.6 57.3 85.9

98 51.3 41.0 61.6



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



#40

Benzene

Concen: 51.216 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VD065974.D

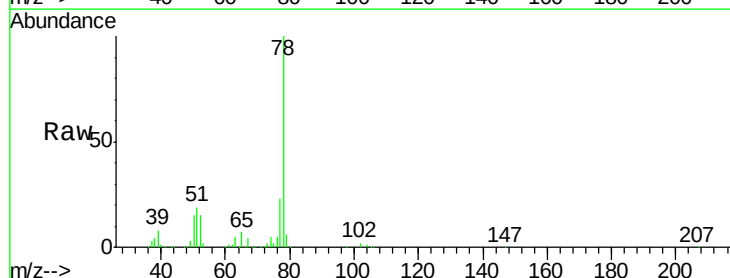
Acq: 21 Jul 2020 11:16

Tgt Ion: 78 Resp: 674660

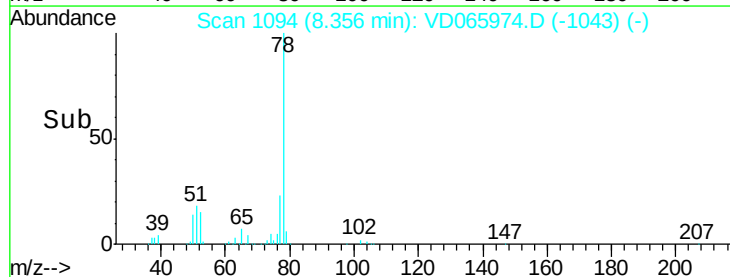
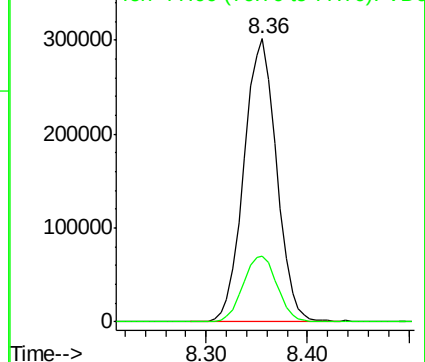
Ion Ratio Lower Upper

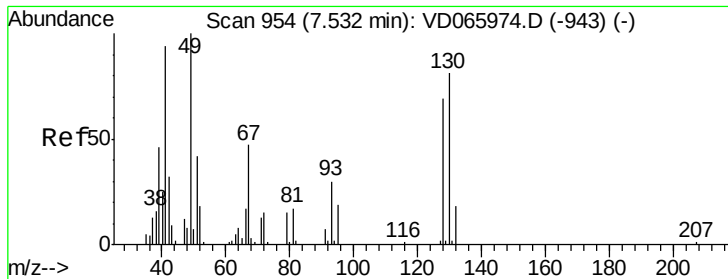
78 100

77 23.2 18.6 27.8



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

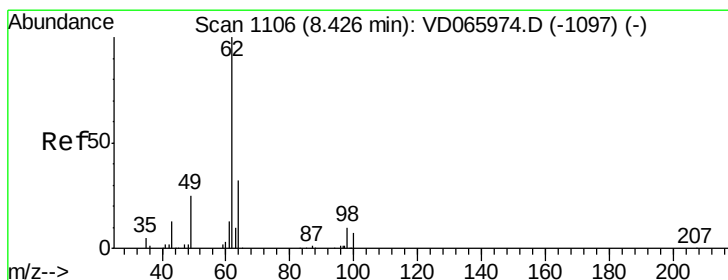
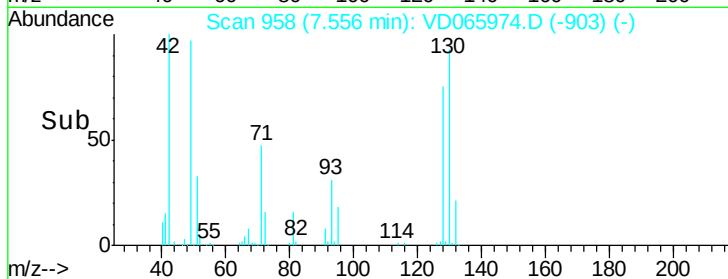
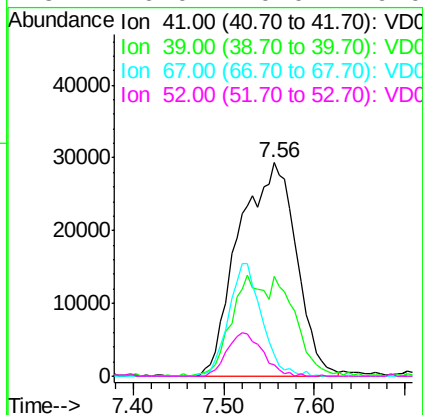
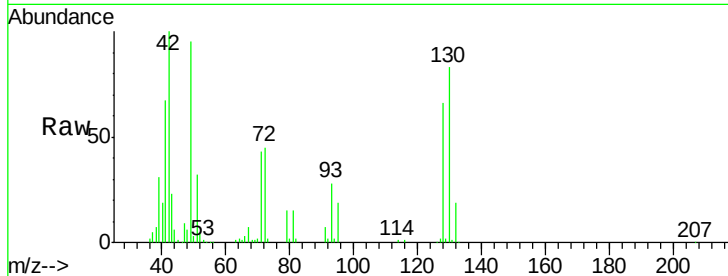




#41
Methacrylonitrile
Concen: 95.039 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.02 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

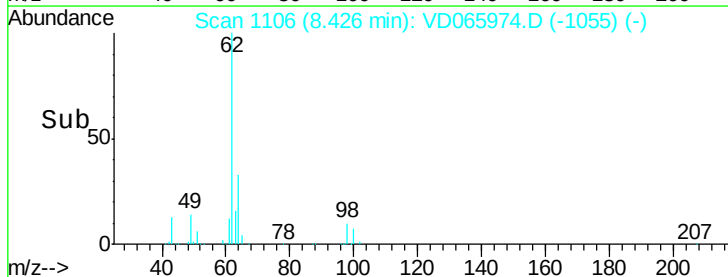
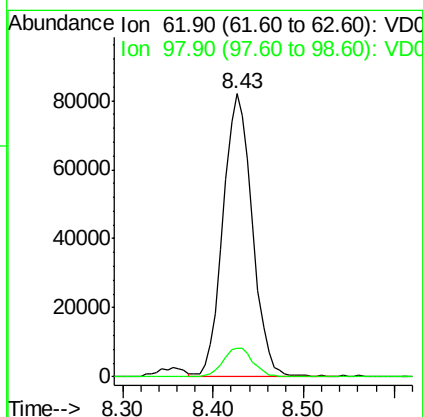
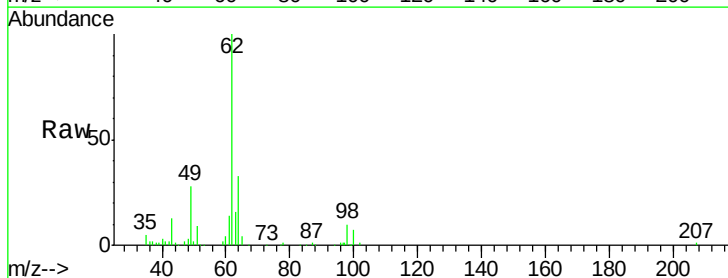
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

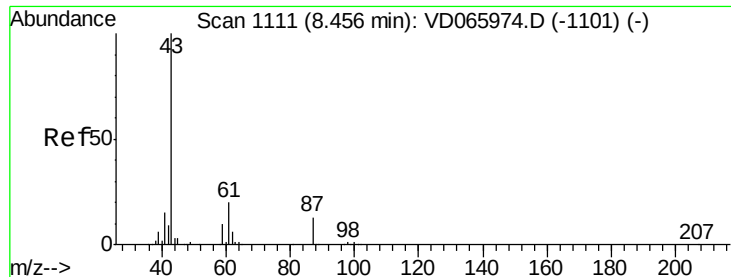
Tgt Ion:	41	Resp:	129440
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.524 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion:	62	Resp:	182919
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0





#43

Isopropyl Acetate

Concen: 53.751 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

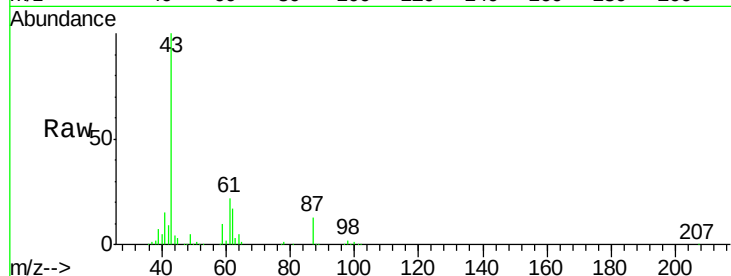
Tgt Ion: 43 Resp: 180241

Ion Ratio Lower Upper

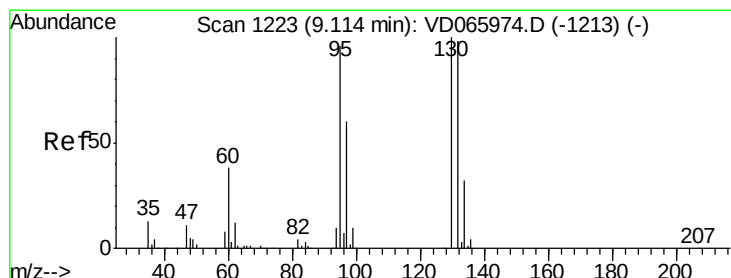
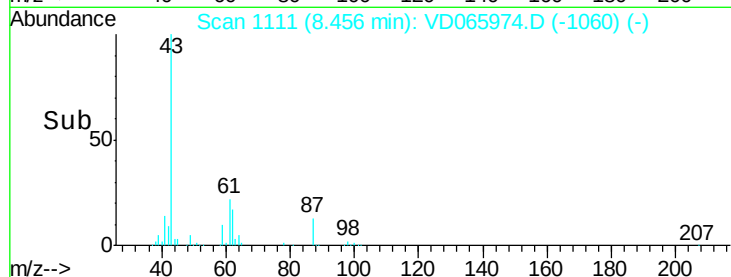
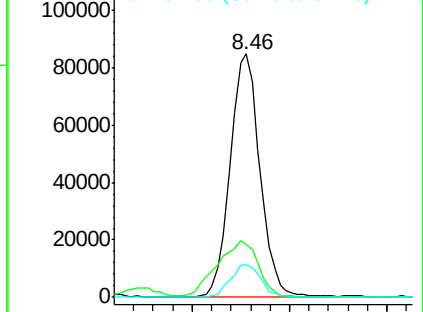
43 100

61 32.3 25.8 38.8

87 13.6 10.9 16.3



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: 51.112 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065974.D

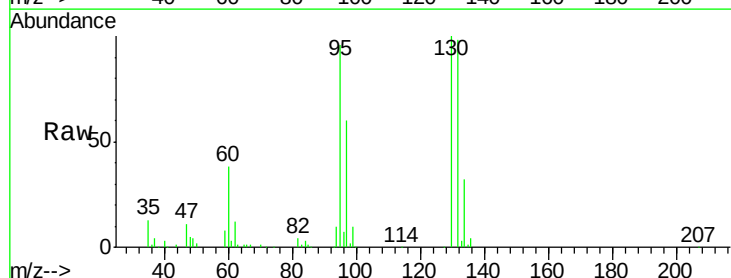
Acq: 21 Jul 2020 11:16

Tgt Ion: 130 Resp: 202546

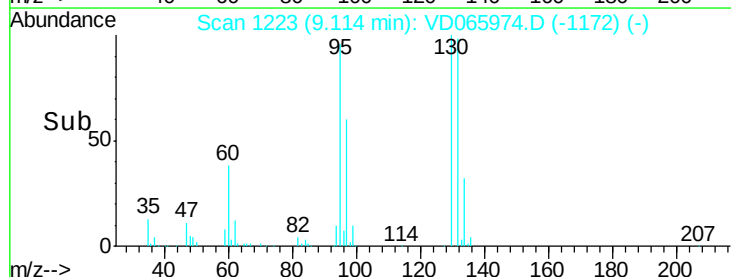
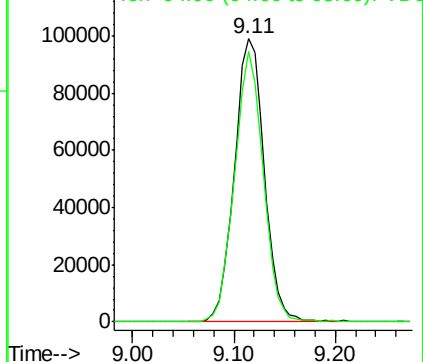
Ion Ratio Lower Upper

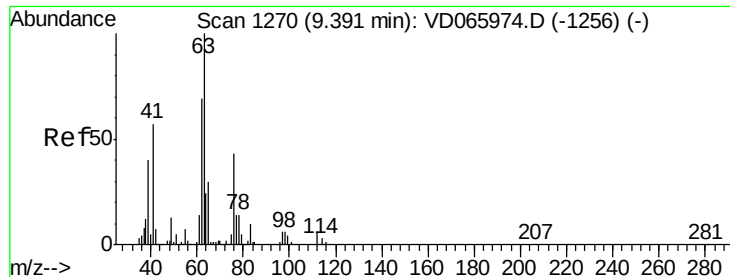
130 100

95 95.8 0.0 191.6



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

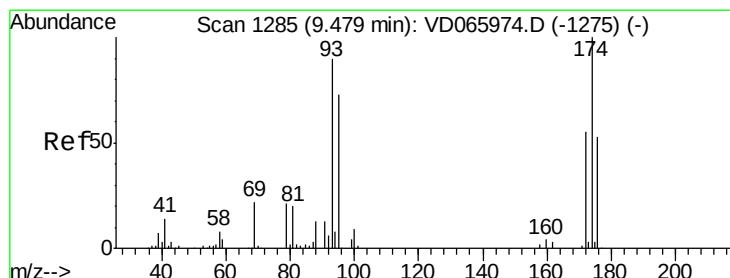
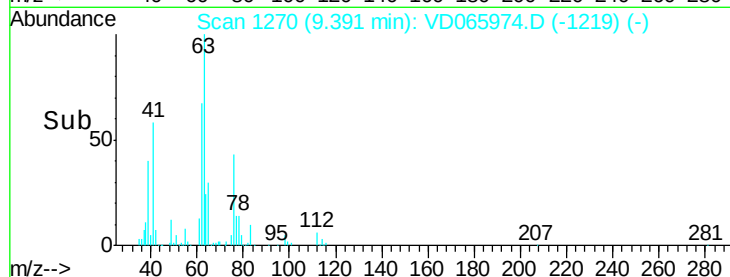
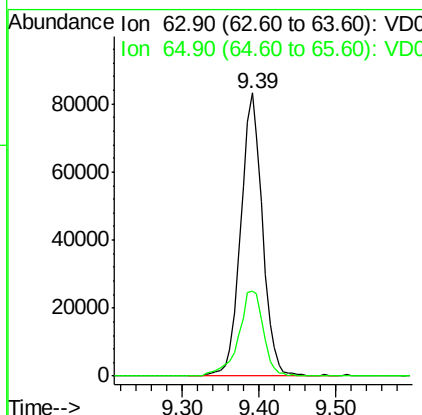
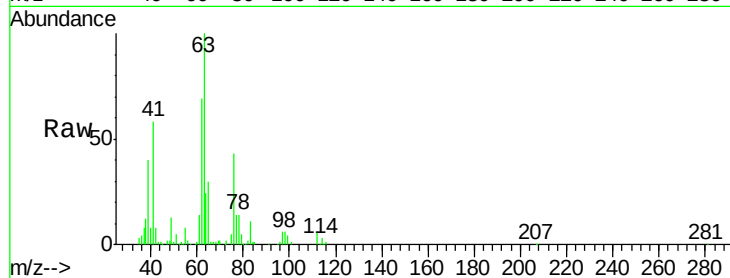




#45
 1,2-Dichloropropane
 Concen: 52.063 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

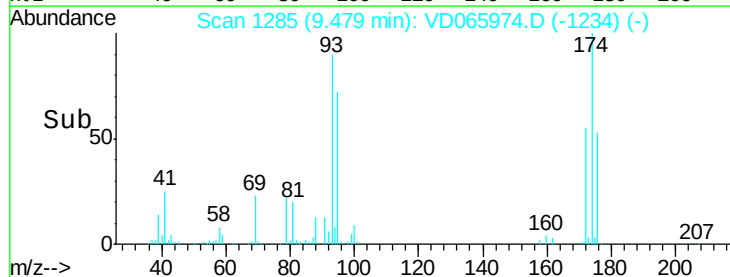
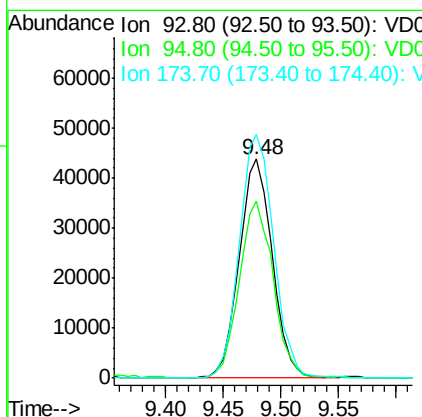
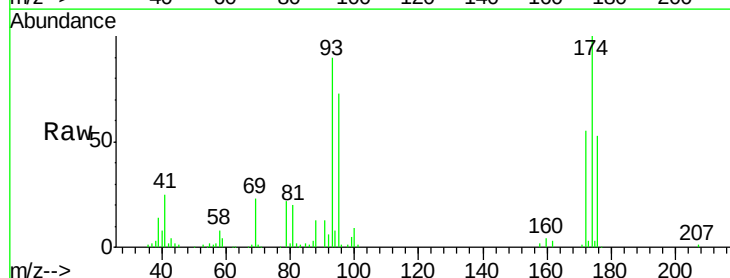
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

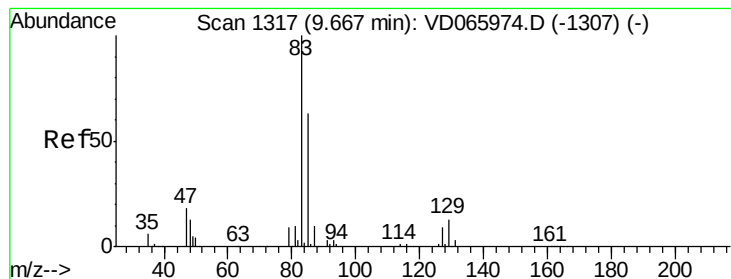
Tgt Ion: 63 Resp: 164465
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.0 36.0



#46
 Dibromomethane
 Concen: 50.731 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

Tgt Ion: 93 Resp: 87710
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.2 99.4
 174 114.4 91.5 137.3





#47

Bromodichloromethane

Concen: 50.942 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

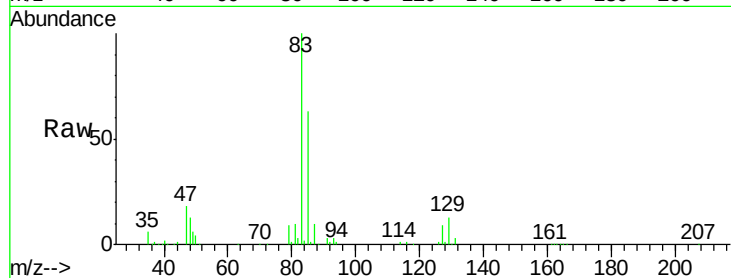
Tgt Ion: 83 Resp: 230810

Ion Ratio Lower Upper

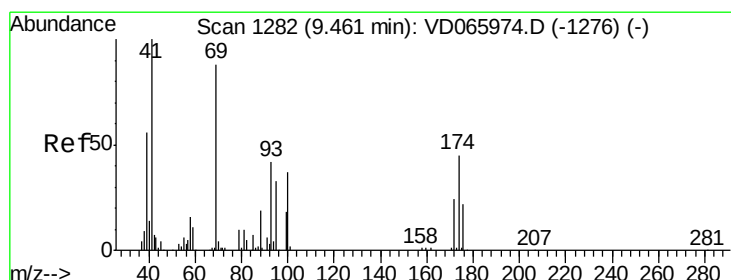
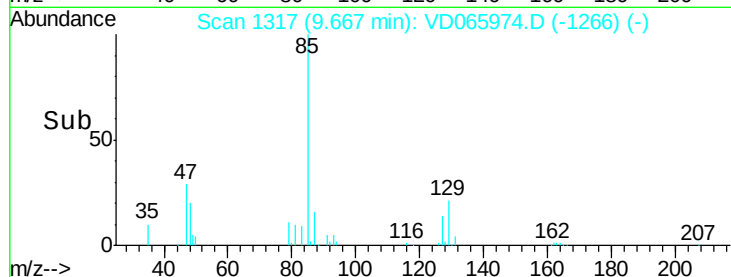
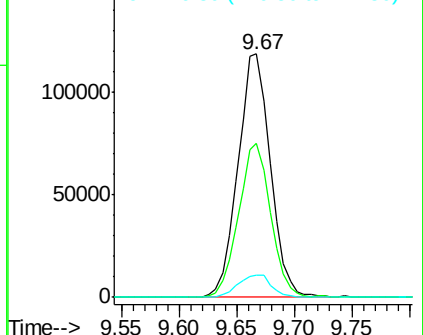
83 100

85 63.2 50.6 75.8

127 8.9 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: 52.517 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

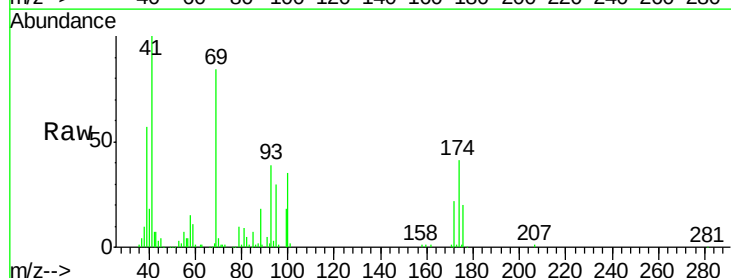
Tgt Ion: 41 Resp: 91723

Ion Ratio Lower Upper

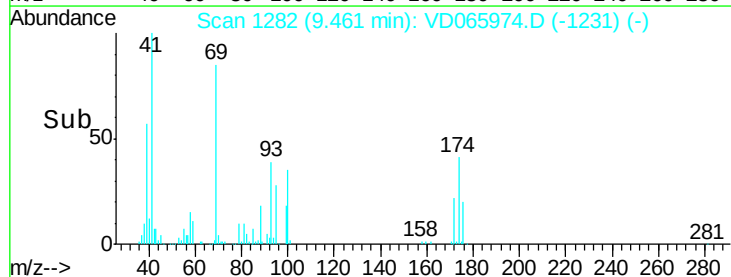
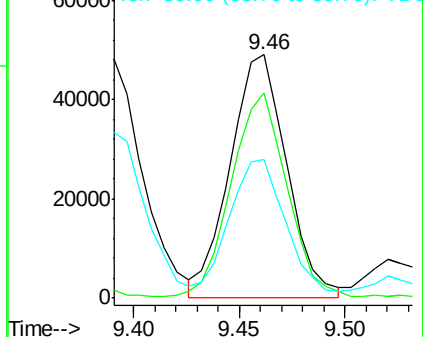
41 100

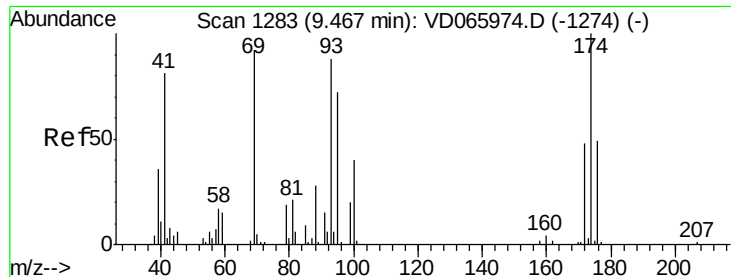
69 81.4 65.1 97.7

39 51.9 41.5 62.3



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: 1094.790 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

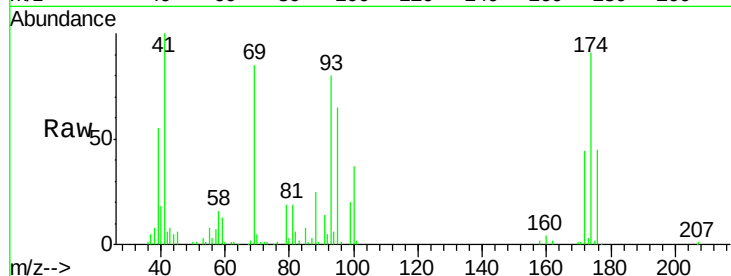
Tgt Ion: 88 Resp: 20923

Ion Ratio Lower Upper

88 100

43 36.3 29.0 43.6

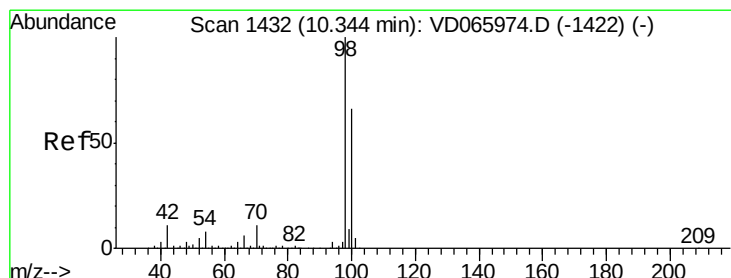
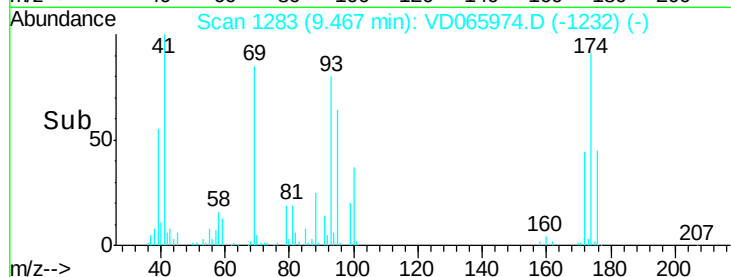
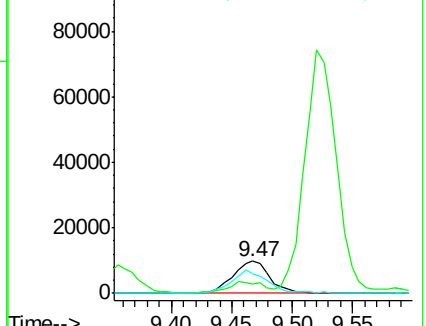
58 71.2 57.0 85.4



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: 46.405 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065974.D

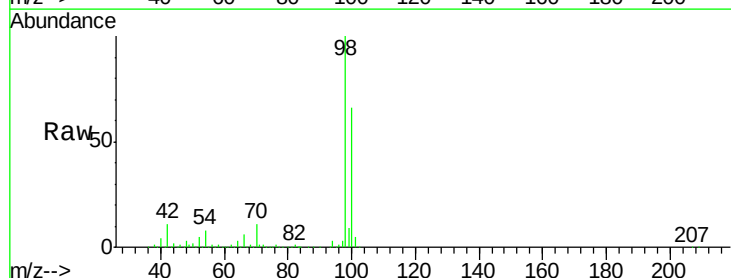
Acq: 21 Jul 2020 11:16

Tgt Ion: 98 Resp: 568046

Ion Ratio Lower Upper

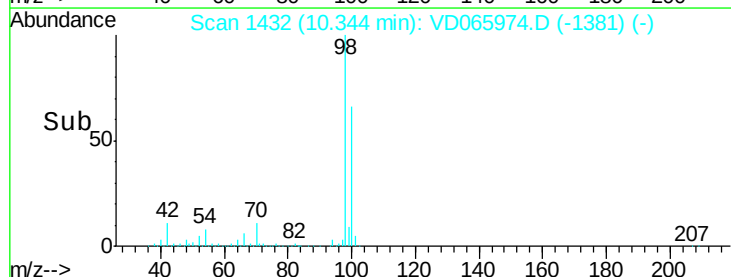
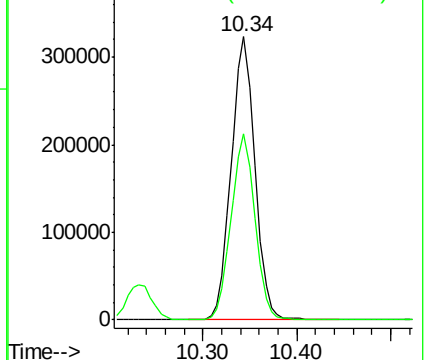
98 100

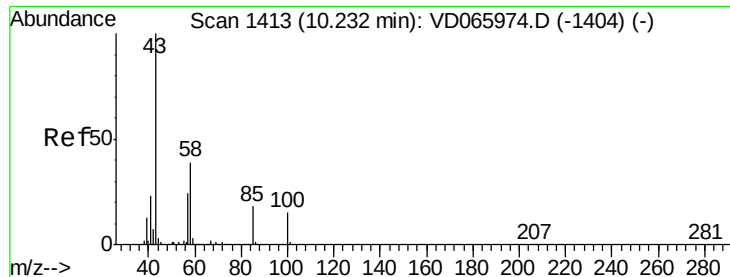
100 65.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

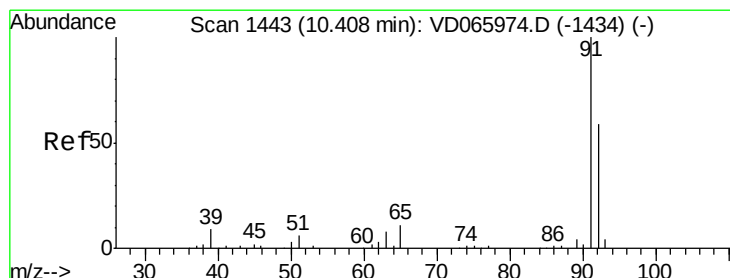
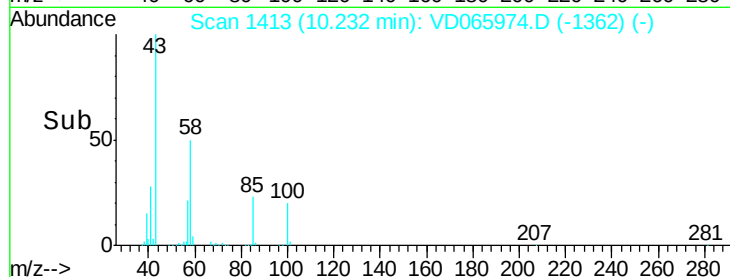
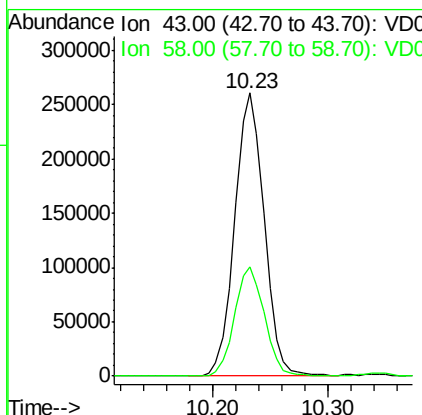
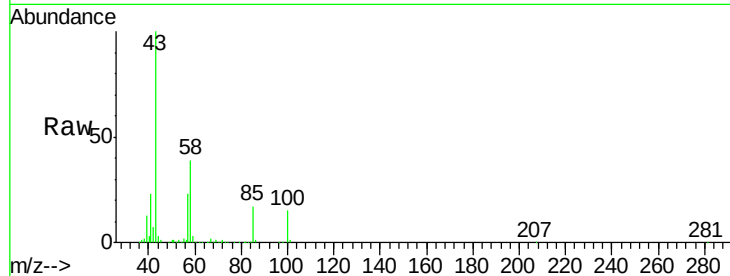




#51
4-Methyl-2-Pentanone
Concen: 269.586 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

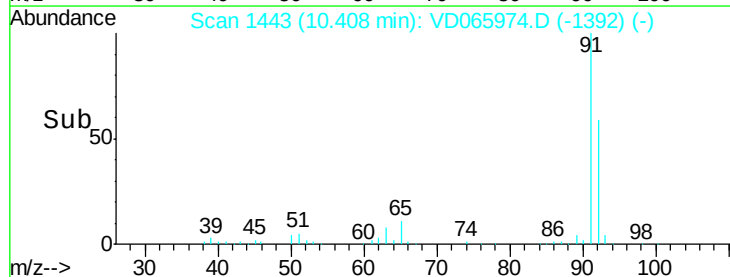
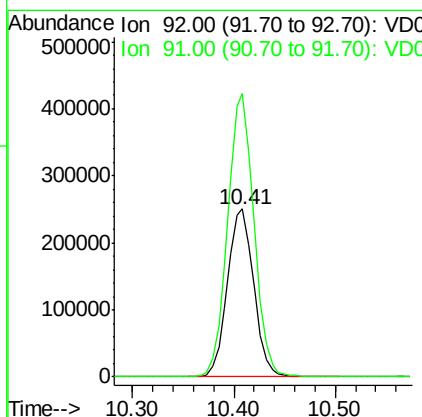
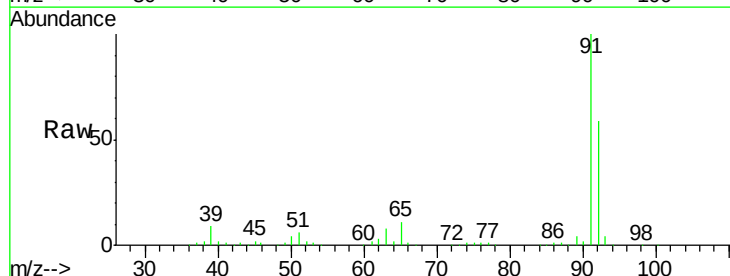
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

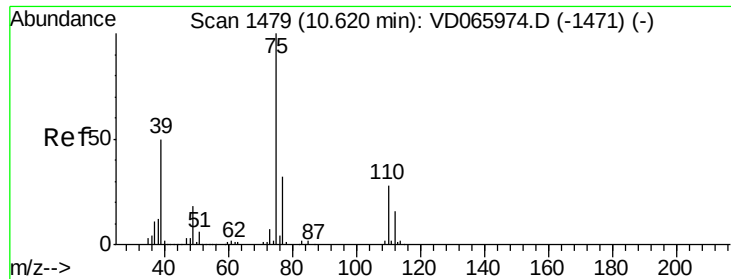
Tgt Ion: 43 Resp: 461589
Ion Ratio Lower Upper
43 100
58 39.1 31.3 46.9



#52
Toluene
Concen: 53.313 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion: 92 Resp: 452224
Ion Ratio Lower Upper
92 100
91 168.1 134.5 201.7

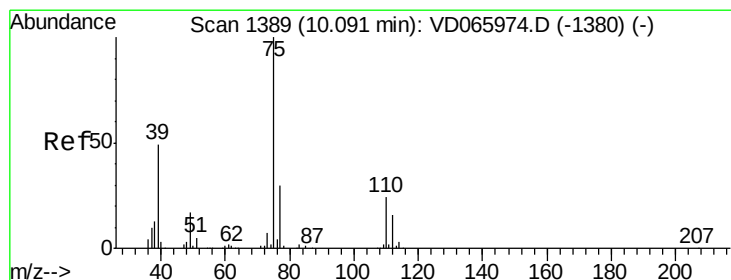
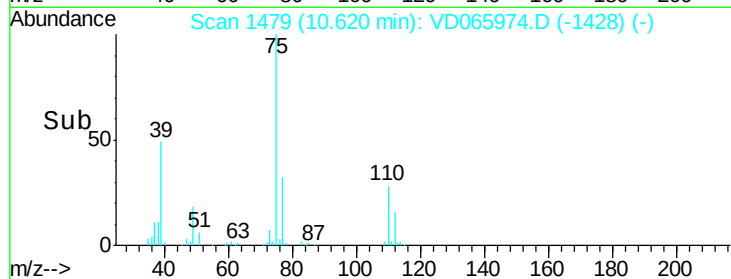
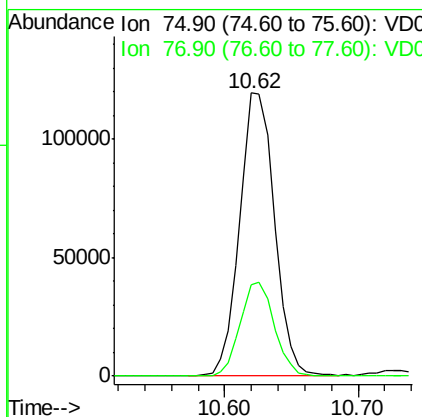
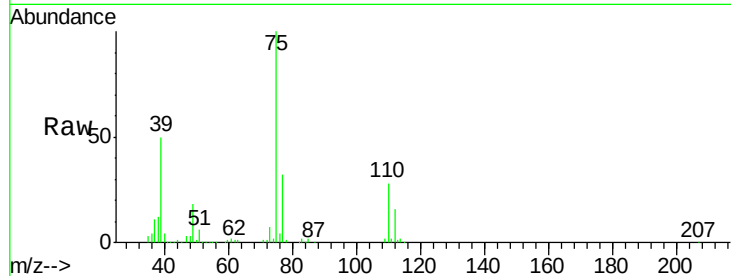




#53
t-1,3-Dichloropropene
Concen: 54.035 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

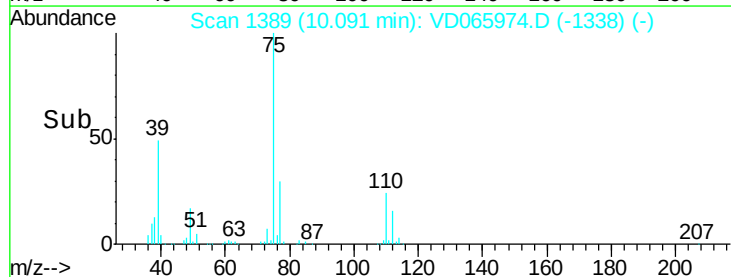
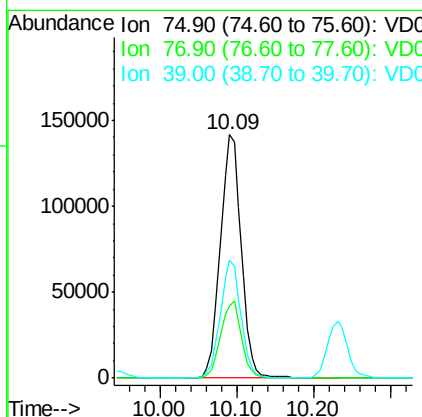
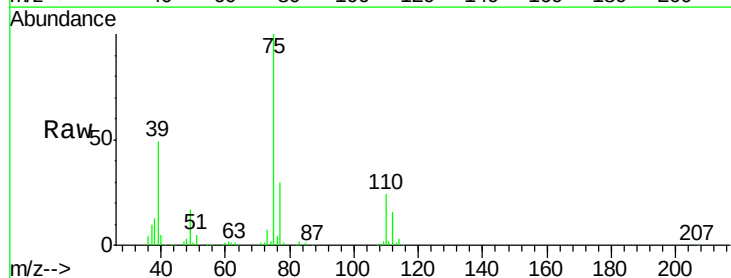
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

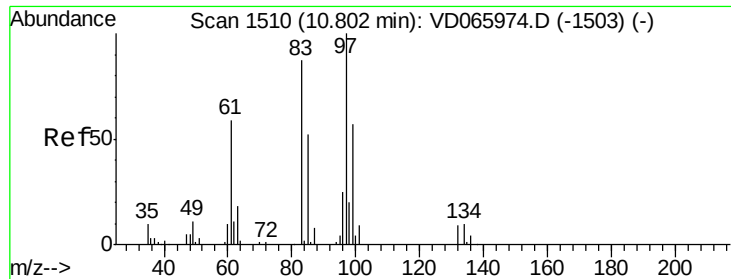
Tgt Ion: 75 Resp: 216415
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 53.630 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion: 75 Resp: 265850
Ion Ratio Lower Upper
75 100
77 29.8 23.8 35.8
39 48.5 38.8 58.2

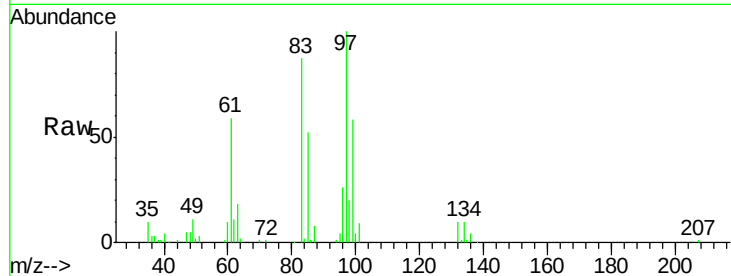




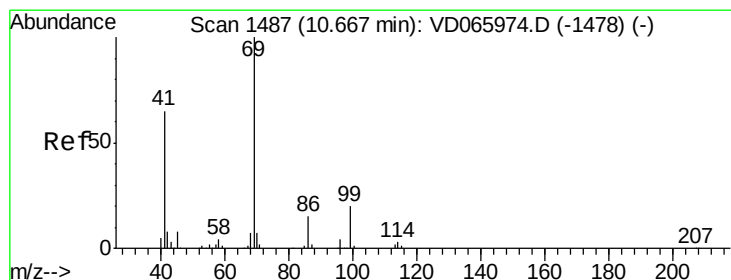
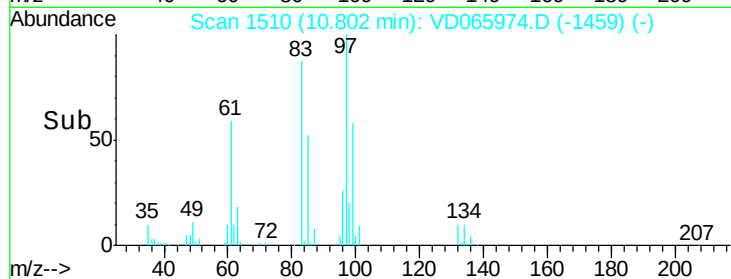
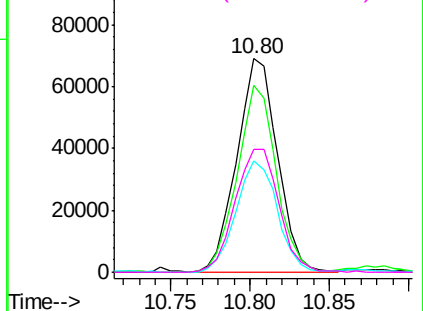
#55
 1,1,2-Trichloroethane
 Concen: 51.822 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 123304
 Ion Ratio Lower Upper
 97 100
 83 87.1 69.7 104.5
 85 52.0 41.6 62.4
 99 57.4 45.9 68.9

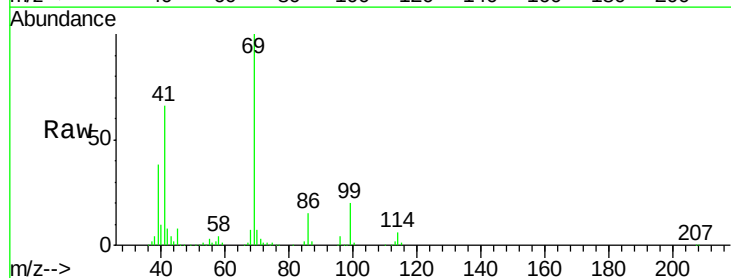


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

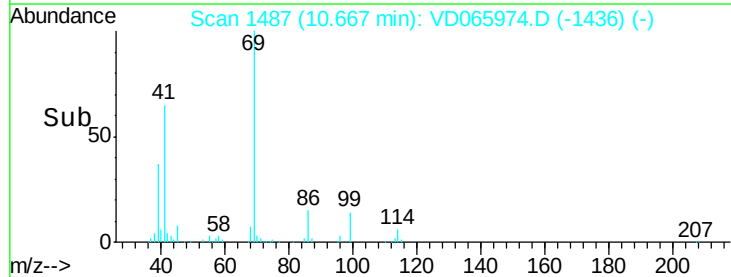
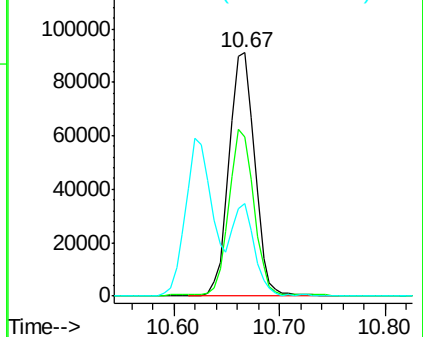


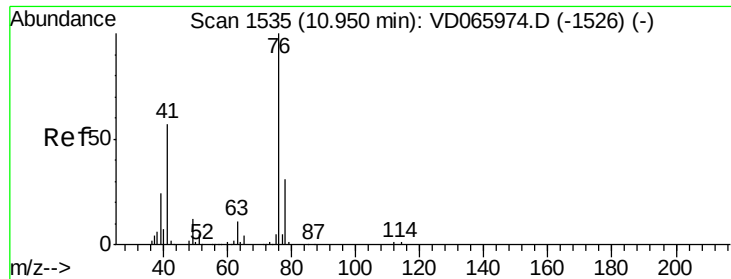
#56
 Ethyl methacrylate
 Concen: 57.333 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

Tgt Ion: 69 Resp: 153314
 Ion Ratio Lower Upper
 69 100
 41 65.4 52.3 78.5
 39 31.5 25.2 37.8



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

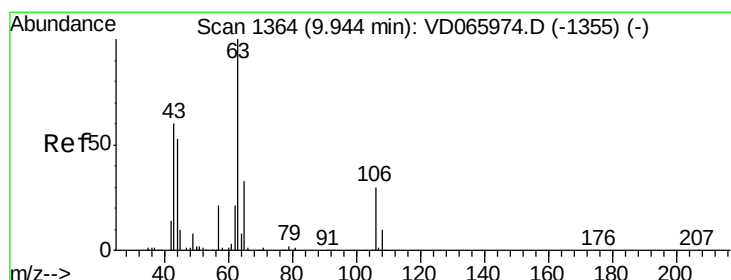
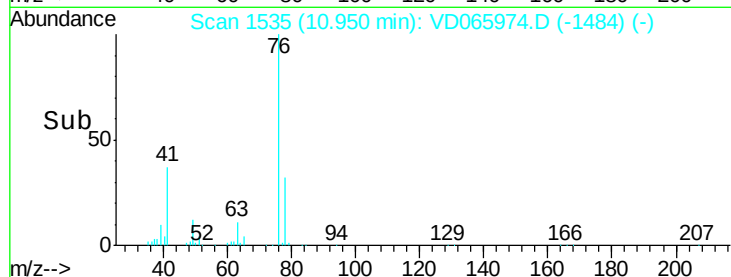
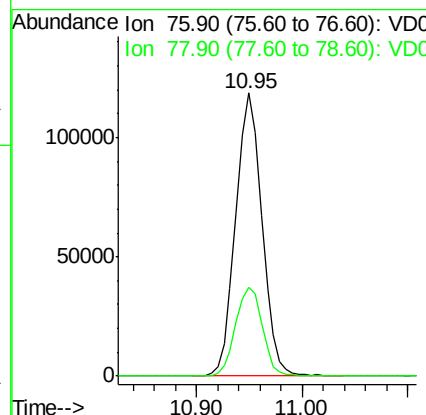
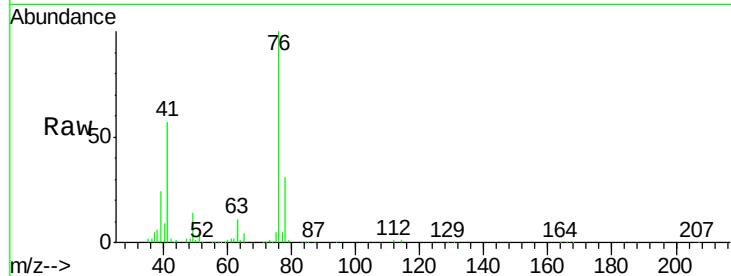




#57
 1,3-Dichloropropane
 Concen: 51.733 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

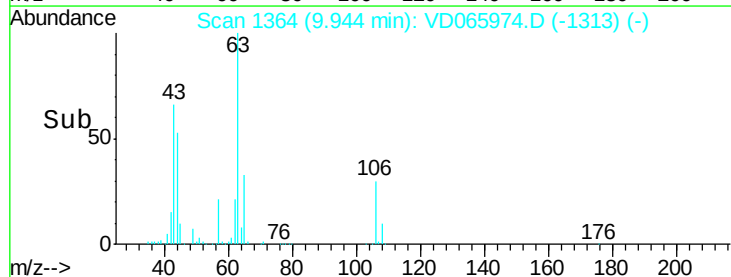
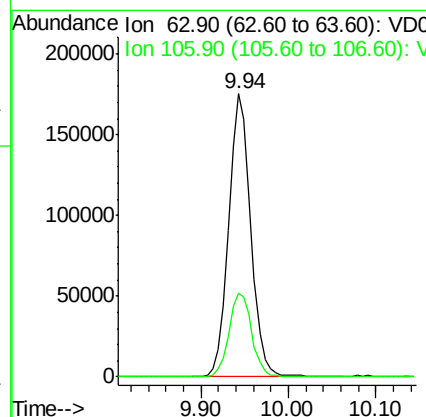
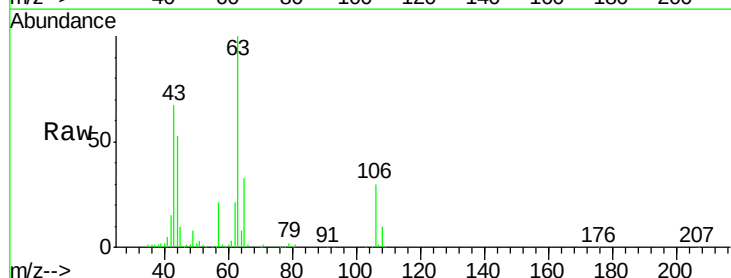
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

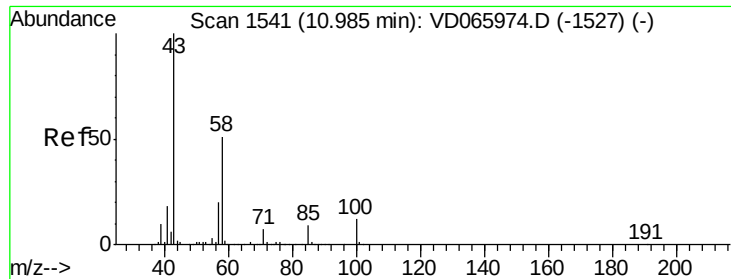
Tgt Ion: 76 Resp: 204788
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 233.044 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

Tgt Ion: 63 Resp: 304163
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.4 36.6

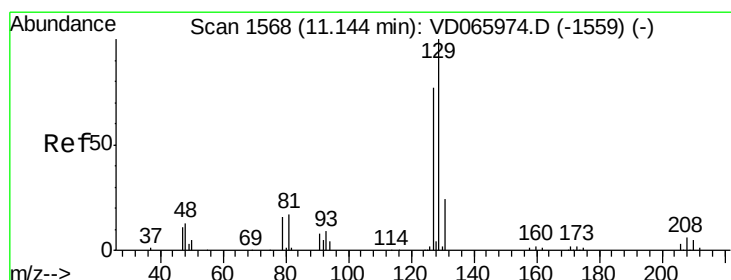
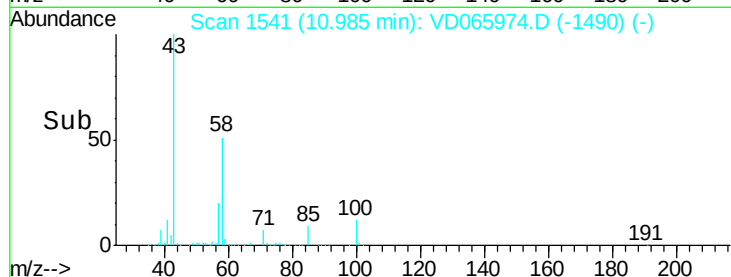
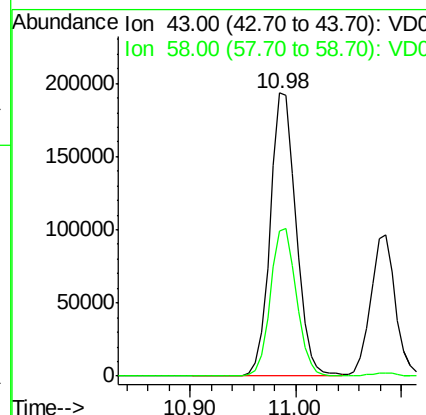
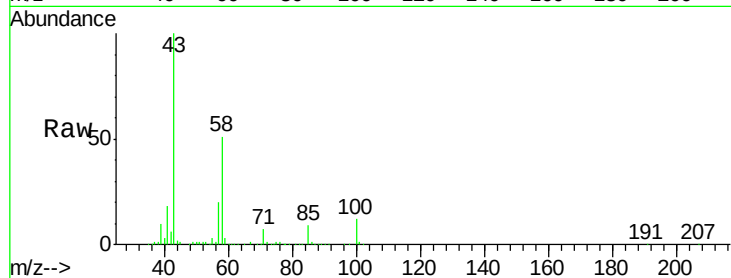




#59
2-Hexanone
Concen: 278.714 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

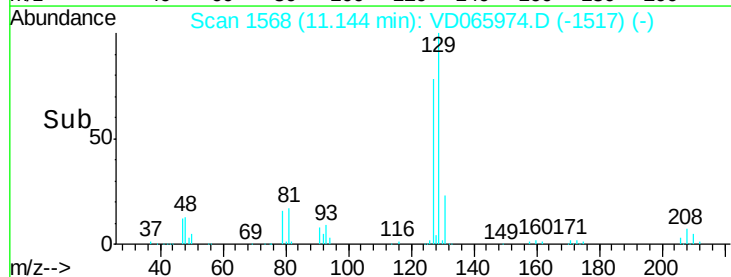
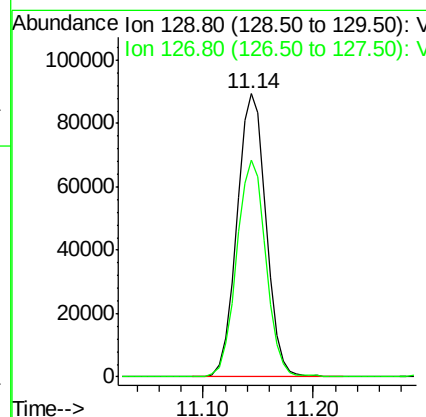
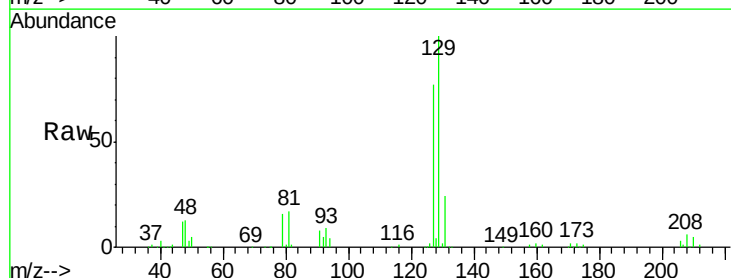
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

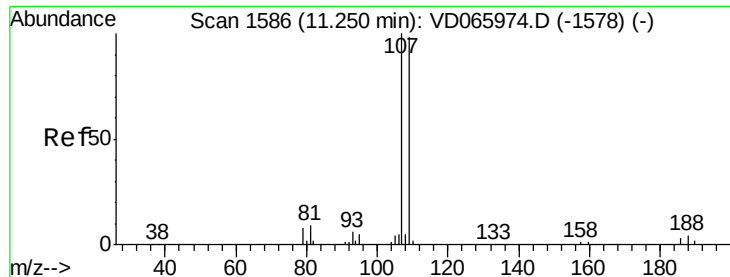
Tgt Ion: 43 Resp: 327927
Ion Ratio Lower Upper
43 100
58 52.4 26.2 78.6



#60
Dibromochloromethane
Concen: 51.437 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion: 129 Resp: 165375
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

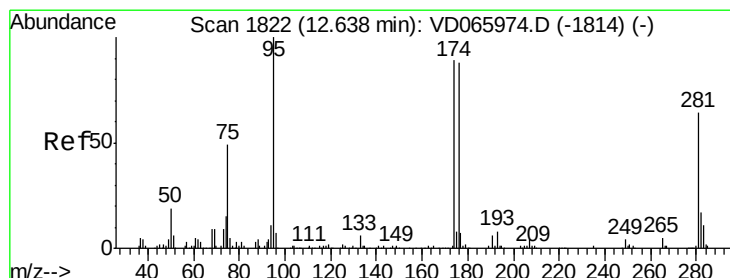
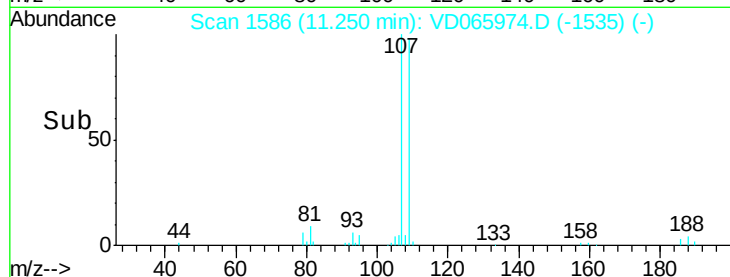
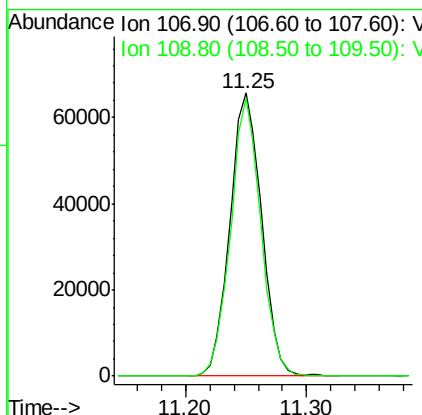
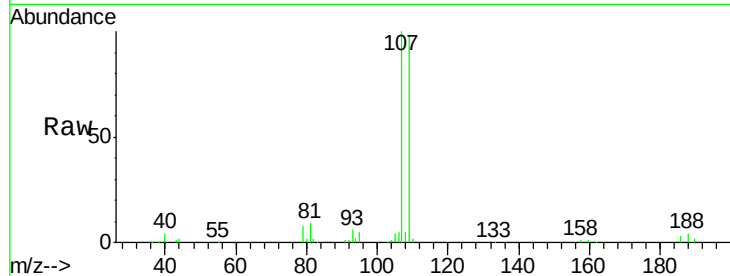




#61
 1,2-Dibromoethane
 Concen: 52.172 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

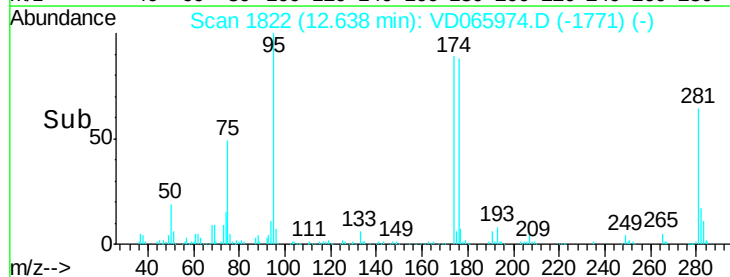
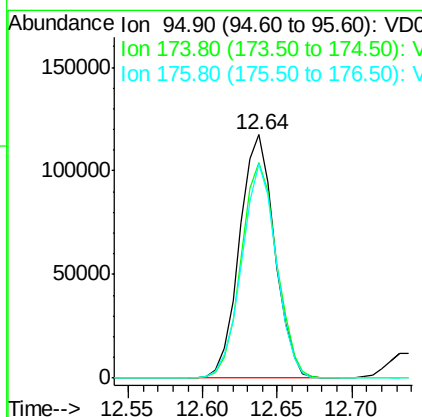
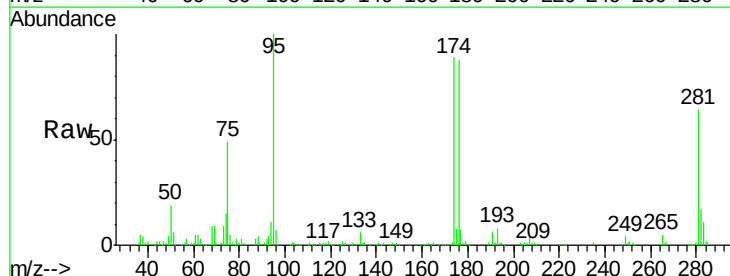
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

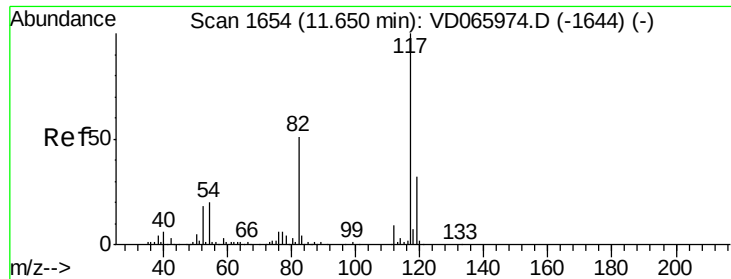
Tgt Ion: 107 Resp: 120072
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 44.218 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

Tgt Ion: 95 Resp: 191384
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 178.8
 176 86.3 0.0 172.6

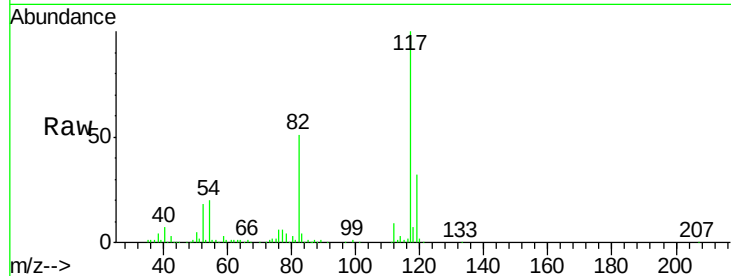




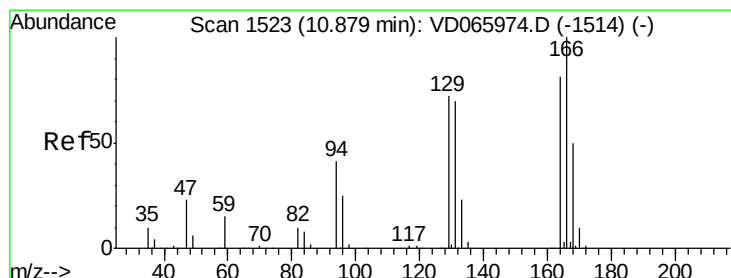
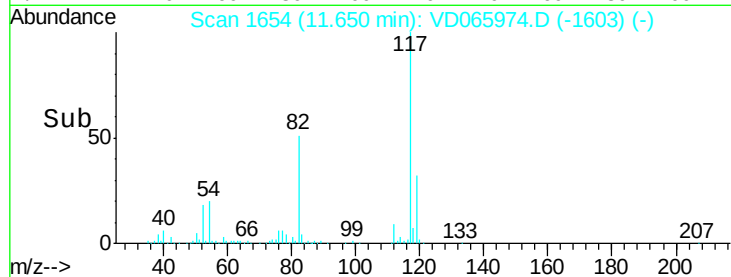
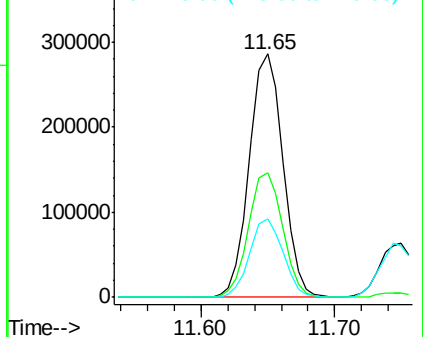
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 500010
Ion Ratio Lower Upper
117 100
82 51.4 41.1 61.7
119 32.4 25.9 38.9

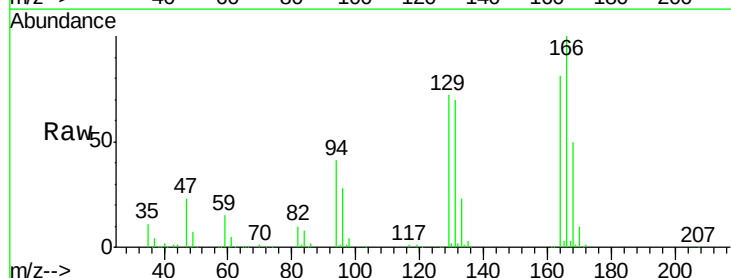


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

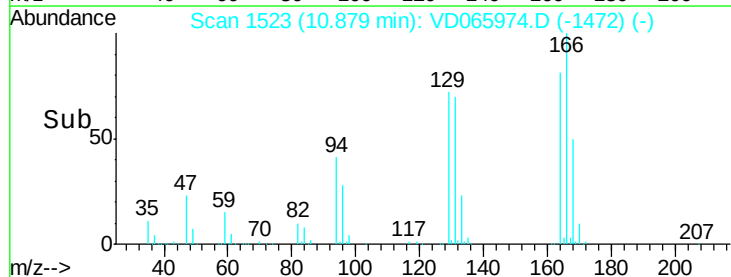
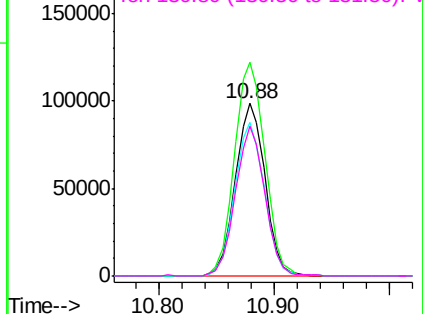


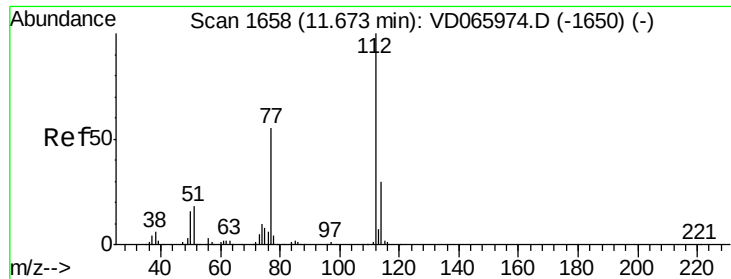
#64
Tetrachloroethene
Concen: 51.162 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion:164 Resp: 174882
Ion Ratio Lower Upper
164 100
166 123.9 99.1 148.7
129 89.4 71.5 107.3
131 87.2 69.8 104.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

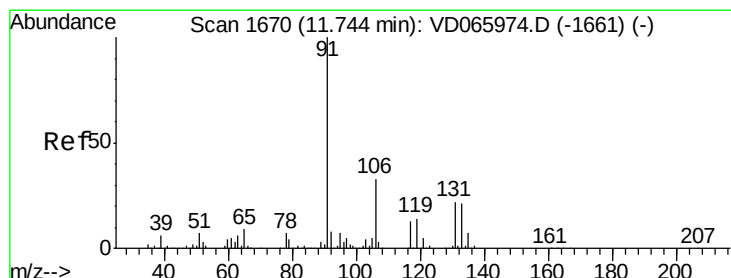
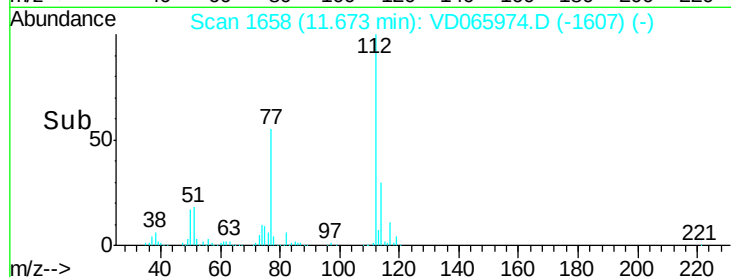
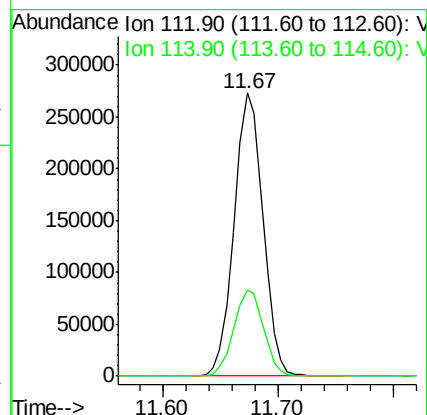
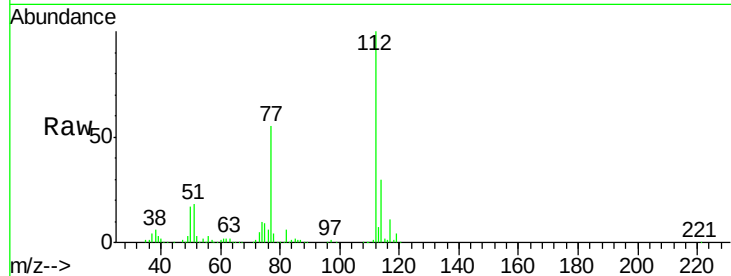




#65
Chlorobenzene
Concen: 51.308 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

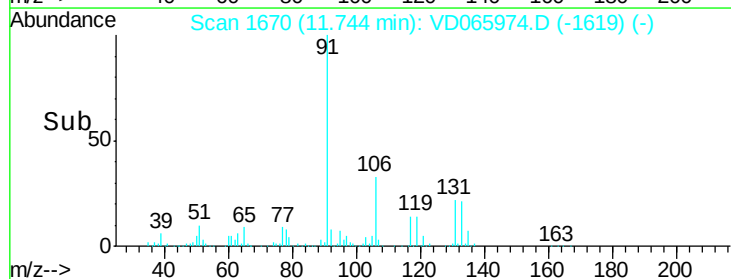
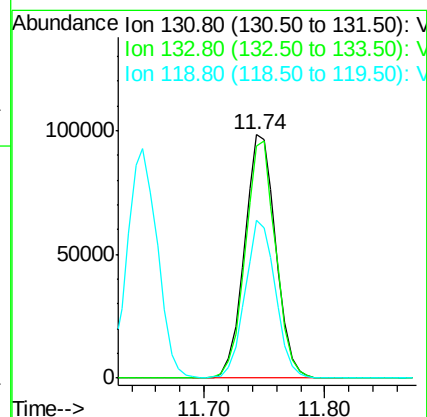
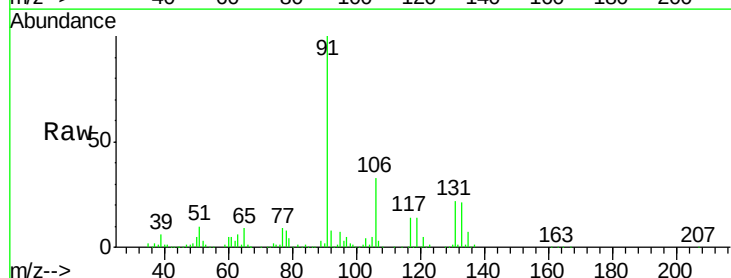
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

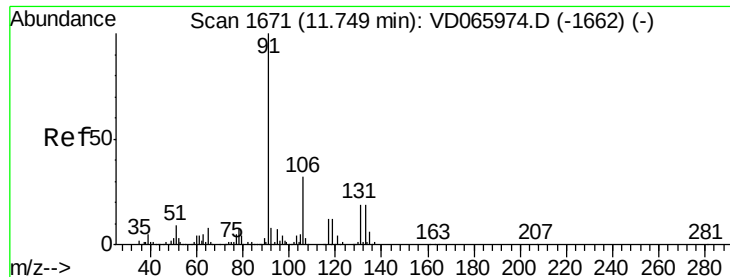
Tgt Ion:112 Resp: 473251
Ion Ratio Lower Upper
112 100
114 30.5 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.917 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion:131 Resp: 177184
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 63.4 31.7 95.1





#67

Ethyl Benzene

Concen: 52.115 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

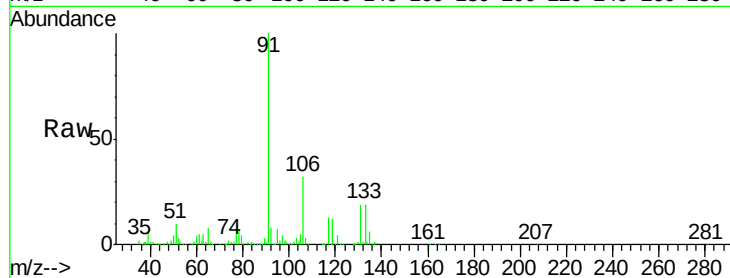
VSTDICCC050

Tgt Ion: 91 Resp: 824474

Ion Ratio Lower Upper

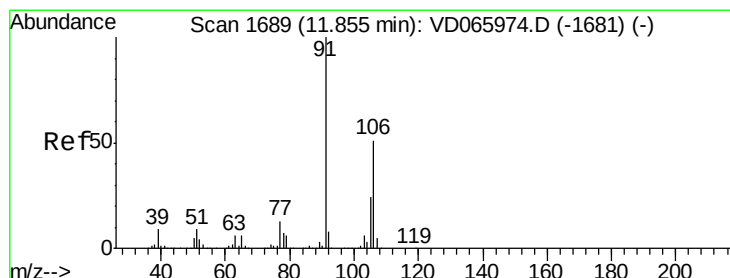
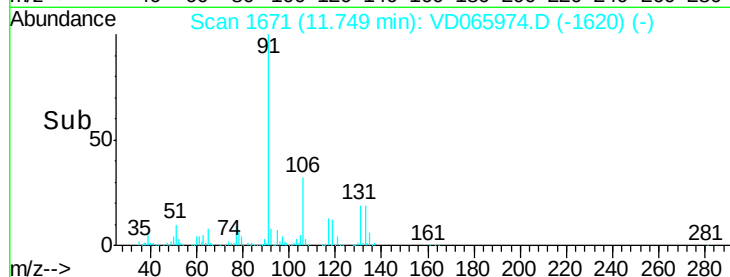
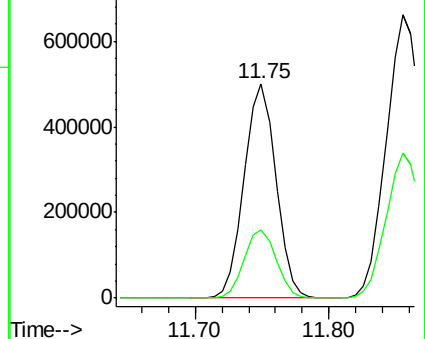
91 100

106 32.1 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 105.368 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065974.D

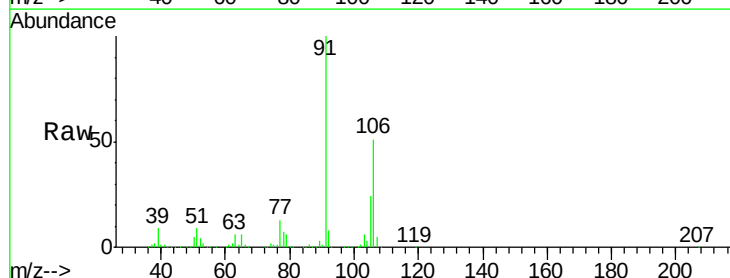
Acq: 21 Jul 2020 11:16

Tgt Ion: 106 Resp: 644637

Ion Ratio Lower Upper

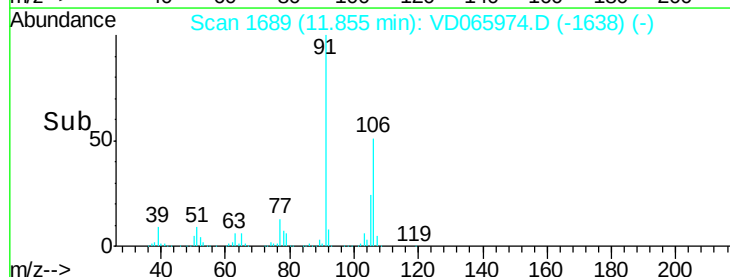
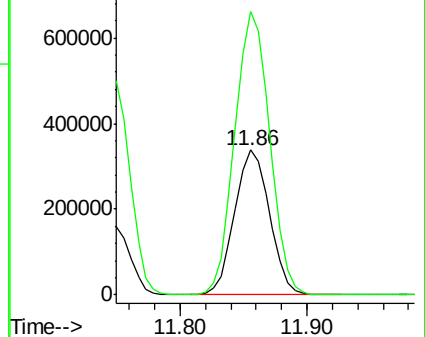
106 100

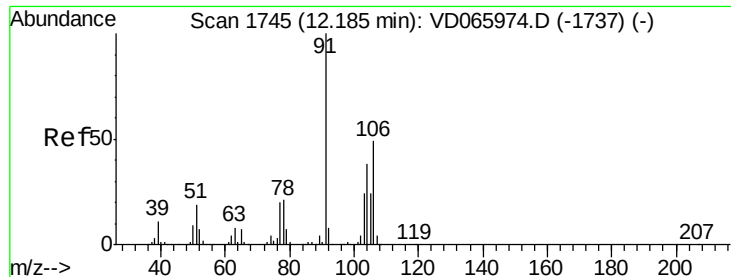
91 196.3 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

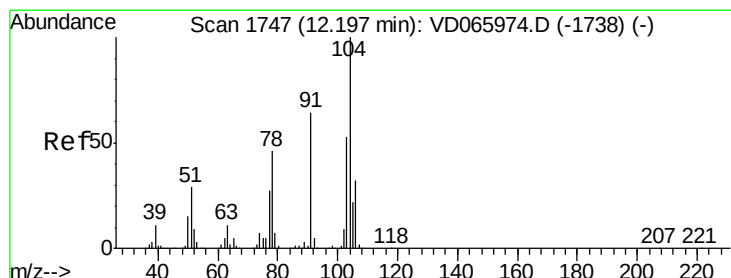
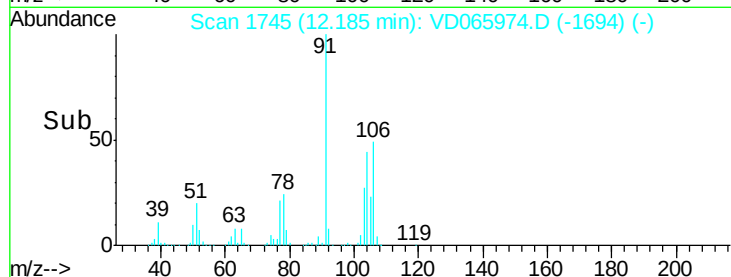
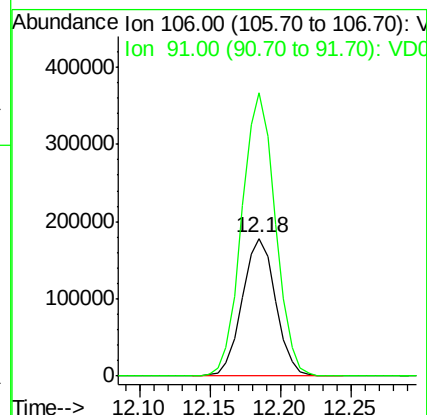
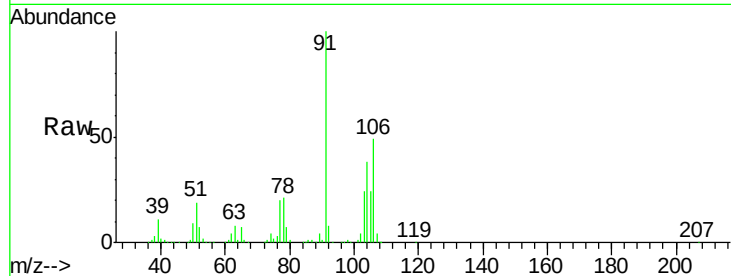




#69
o-Xylene
Concen: 54.279 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

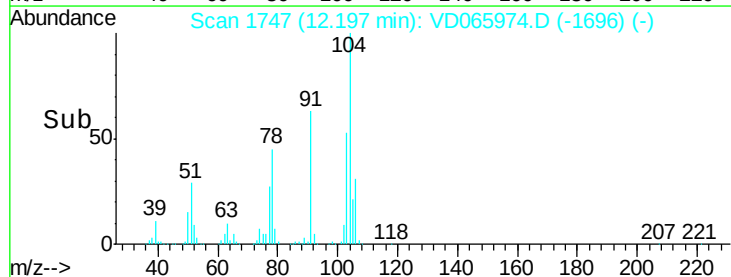
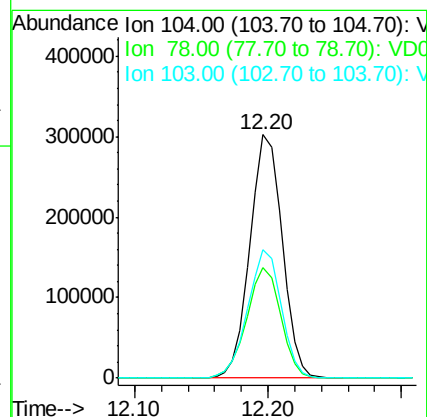
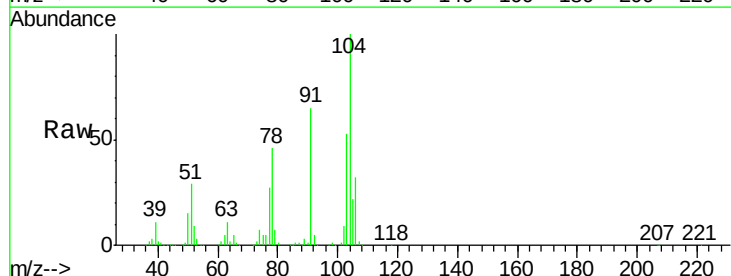
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

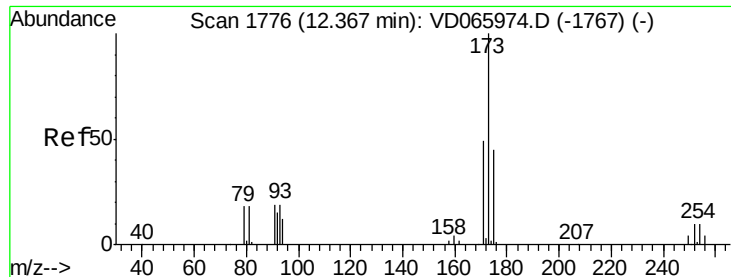
Tgt Ion:106 Resp: 295621
Ion Ratio Lower Upper
106 100
91 206.2 103.1 309.3



#70
Styrene
Concen: 53.737 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion:104 Resp: 506608
Ion Ratio Lower Upper
104 100
78 47.9 38.3 57.5
103 54.8 43.8 65.8

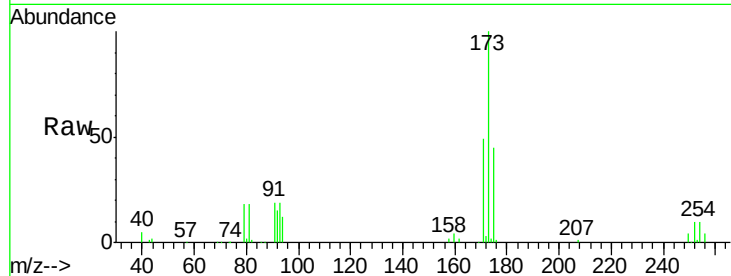




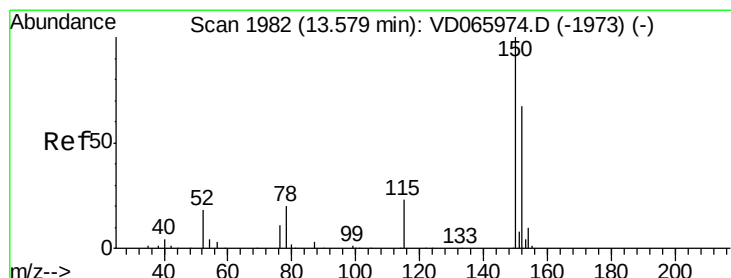
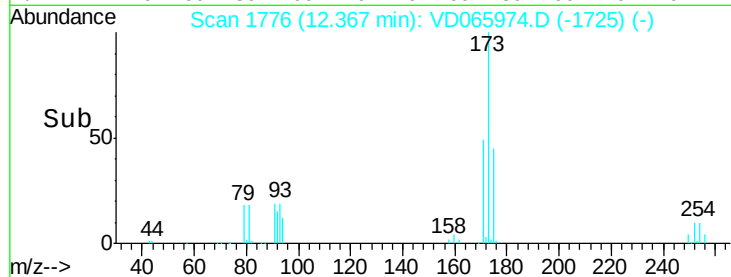
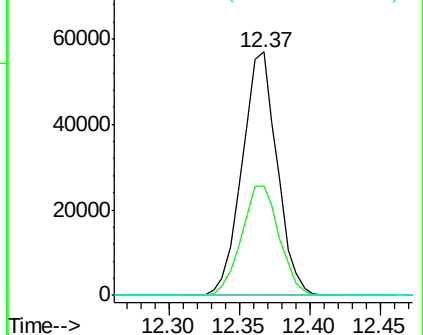
#71
Bromoform
Concen: 51.611 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 98990
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.3
254 0.0 0.0 0.0

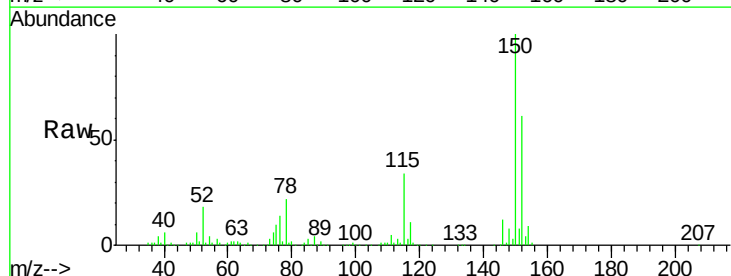


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

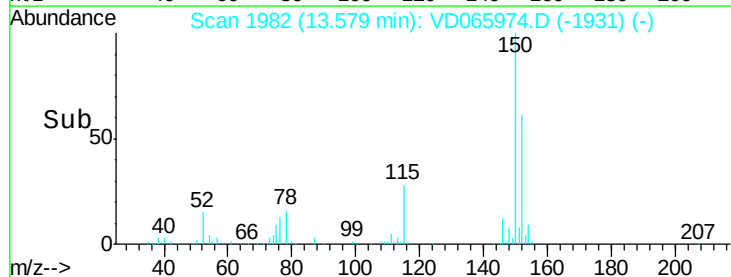
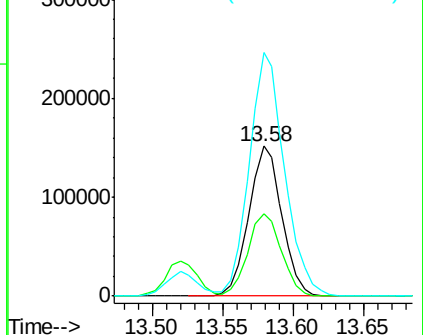


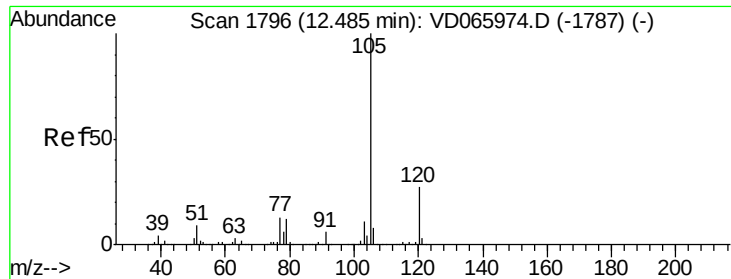
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion:152 Resp: 247944
Ion Ratio Lower Upper
152 100
115 55.8 27.9 83.7
150 174.1 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.917 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

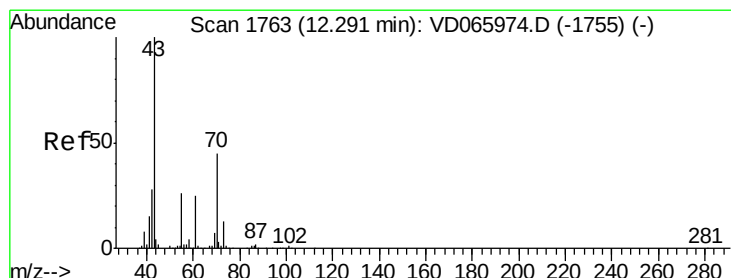
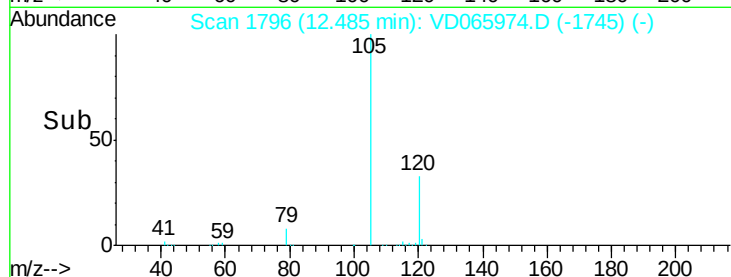
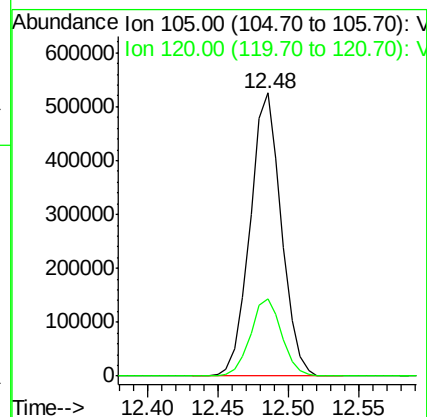
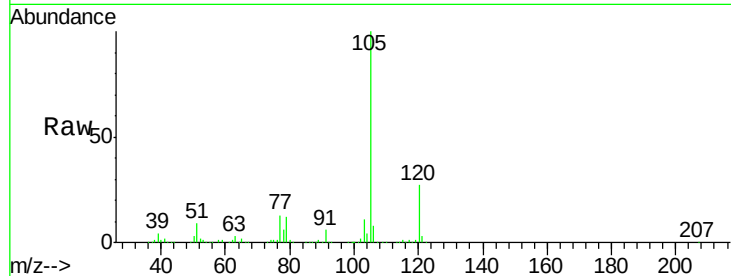
VSTDICCC050

Tgt Ion: 105 Resp: 815552

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8



#74

N-ethyl acetate

Concen: 56.373 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Tgt Ion: 43 Resp: 168381

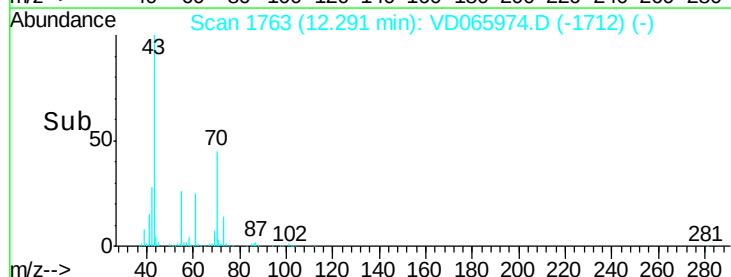
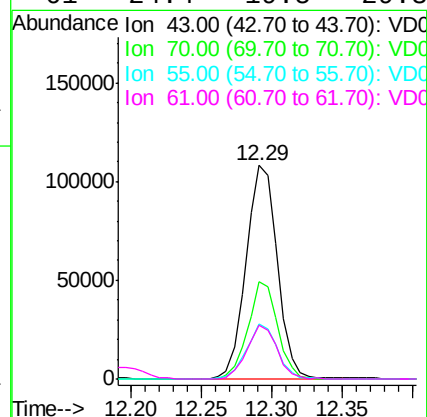
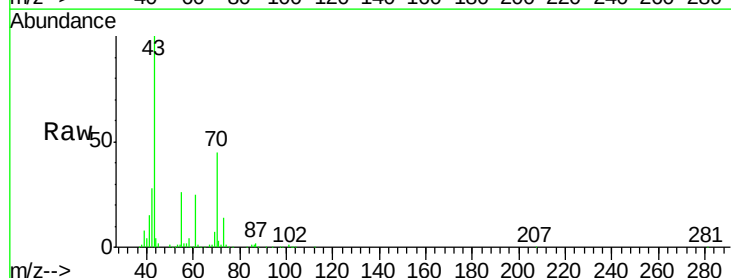
Ion Ratio Lower Upper

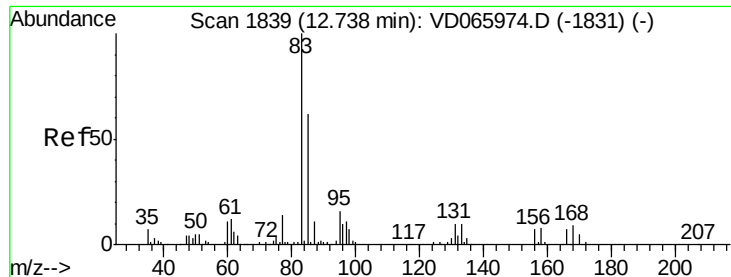
43 100

70 43.2 34.6 51.8

55 25.4 20.3 30.5

61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.043 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

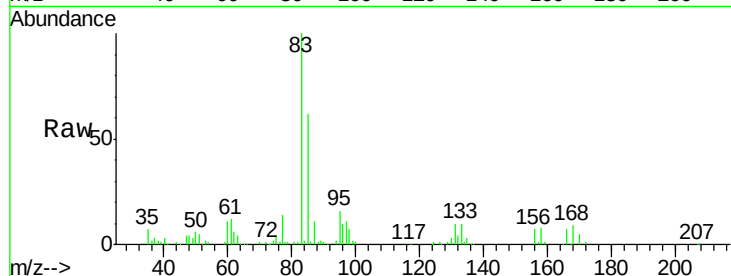
Tgt Ion: 83 Resp: 127830

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

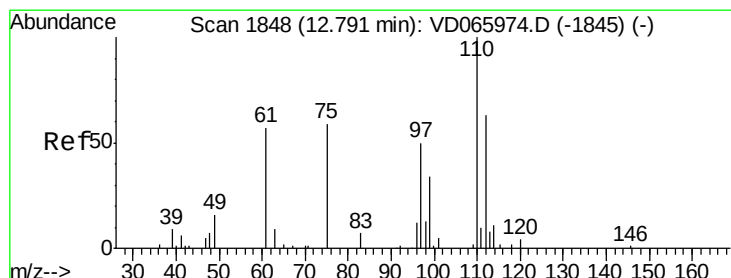
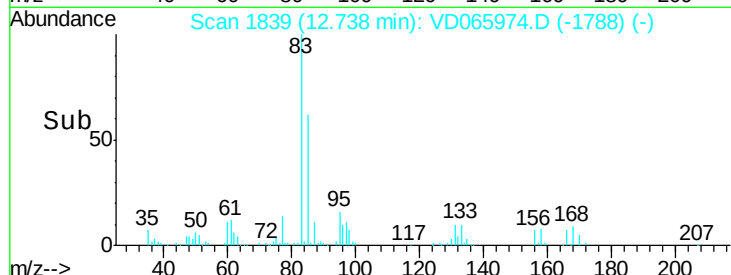
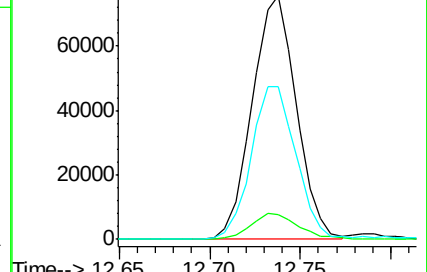
85 63.7 31.9 95.5



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: 76.017 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065974.D

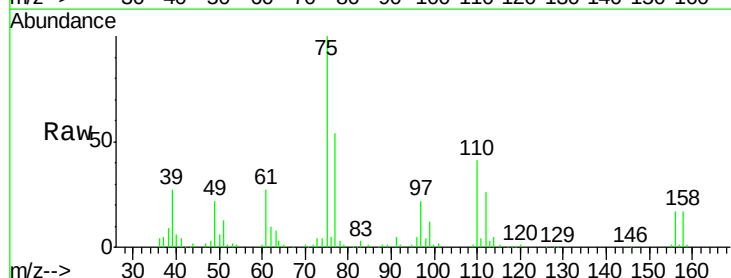
Acq: 21 Jul 2020 11:16

Tgt Ion: 75 Resp: 167518

Ion Ratio Lower Upper

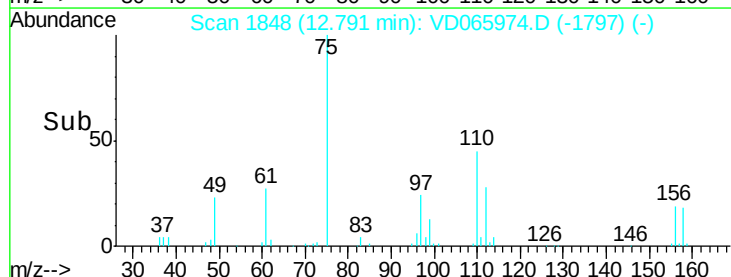
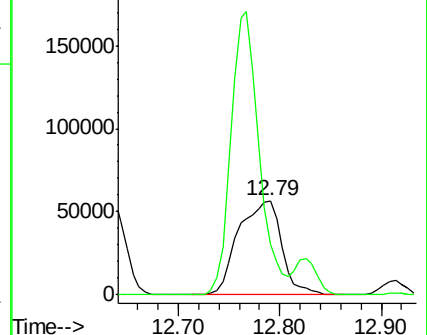
75 100

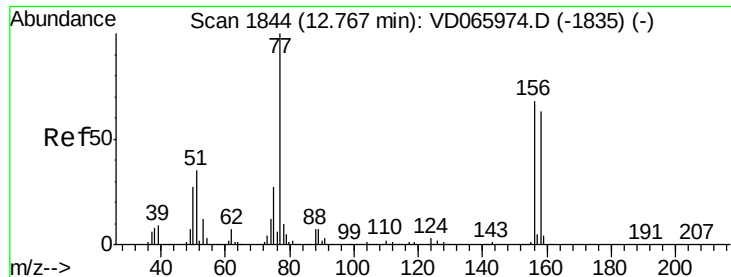
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.777 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

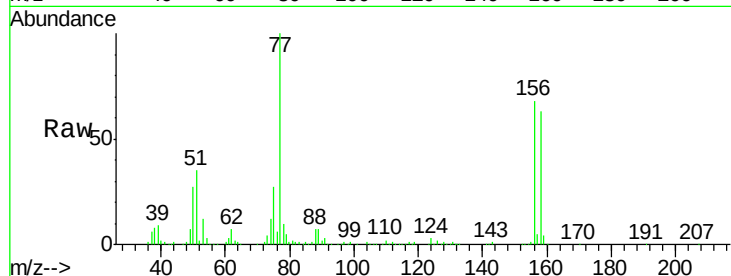
Tgt Ion:156 Resp: 198489

Ion Ratio Lower Upper

156 100

77 166.0 83.0 249.0

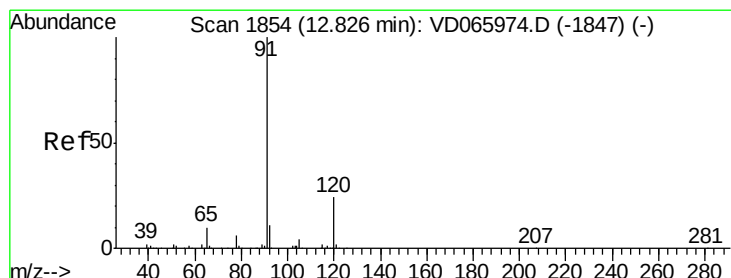
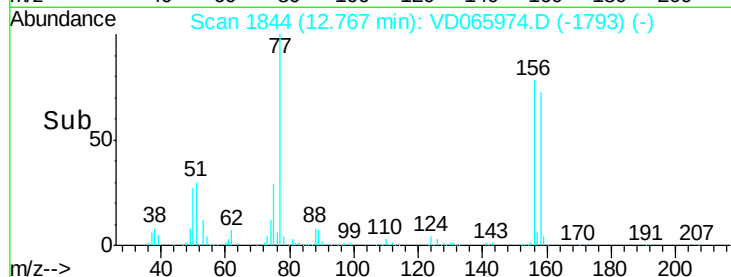
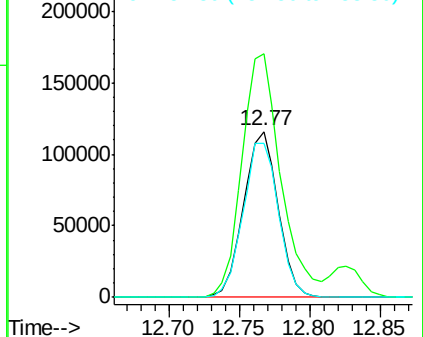
158 96.4 48.2 144.6



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: 54.335 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065974.D

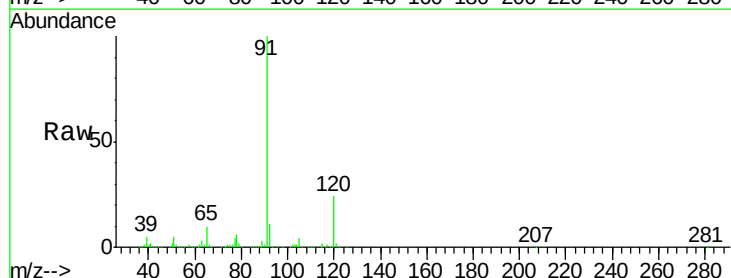
Acq: 21 Jul 2020 11:16

Tgt Ion: 91 Resp: 945472

Ion Ratio Lower Upper

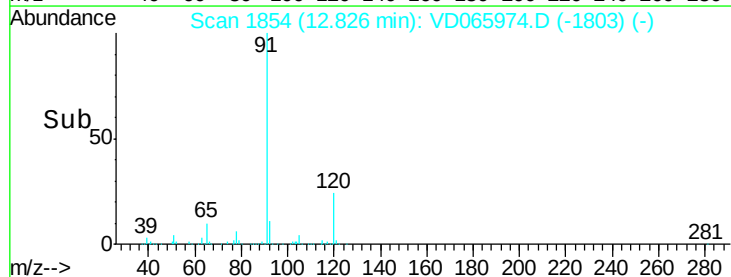
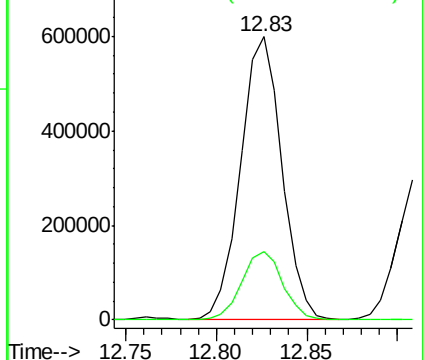
91 100

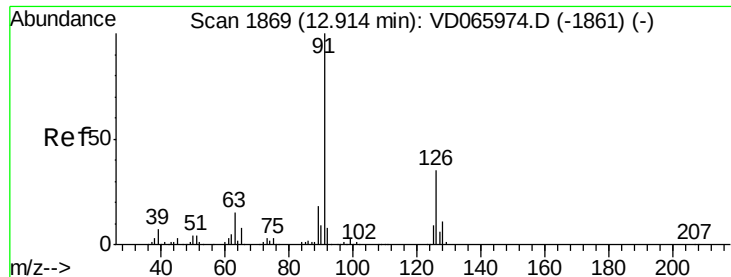
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.301 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

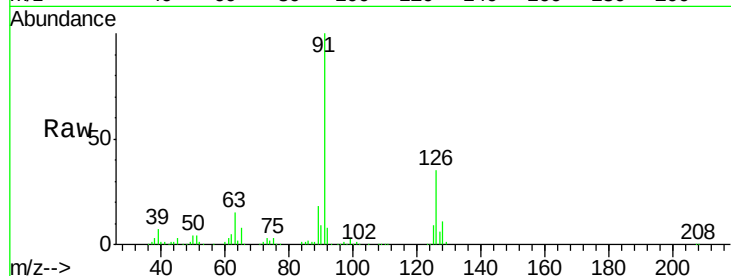
VSTDICCC050

Tgt Ion: 91 Resp: 529440

Ion Ratio Lower Upper

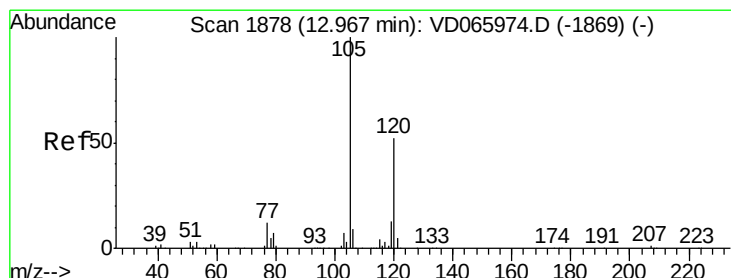
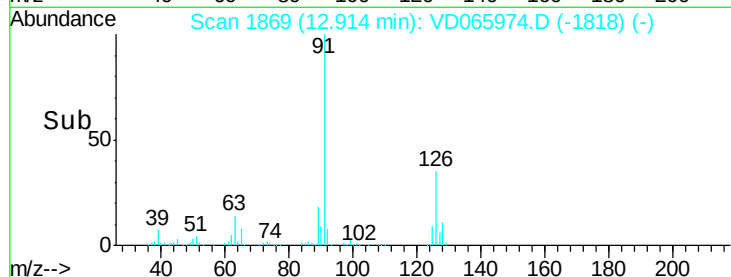
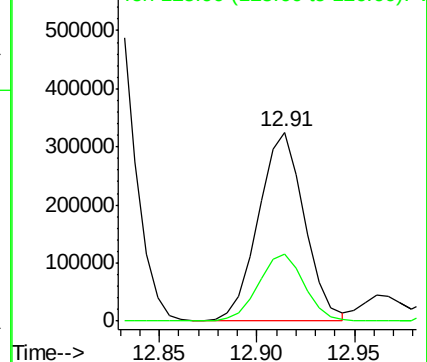
91 100

126 35.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.446 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065974.D

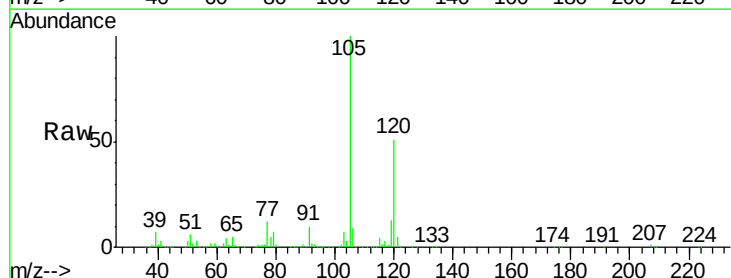
Acq: 21 Jul 2020 11:16

Tgt Ion: 105 Resp: 673498

Ion Ratio Lower Upper

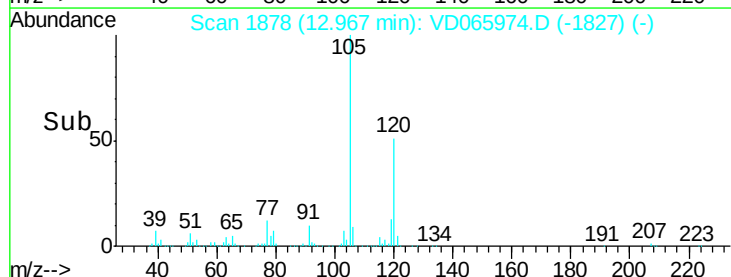
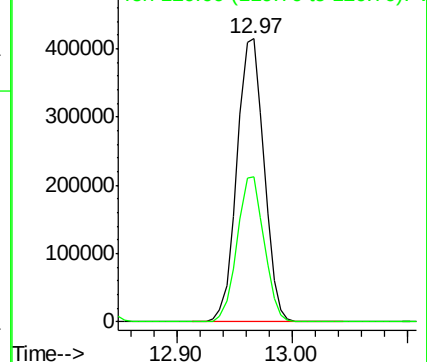
105 100

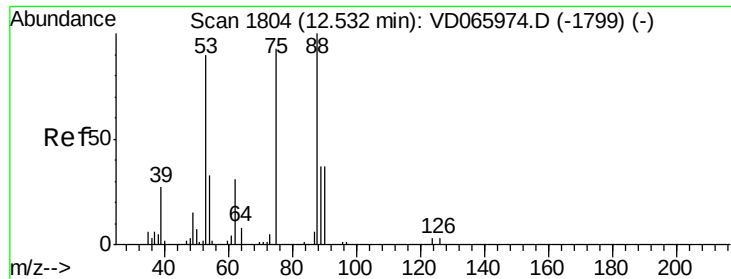
120 51.1 25.6 76.6



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: 53.770 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

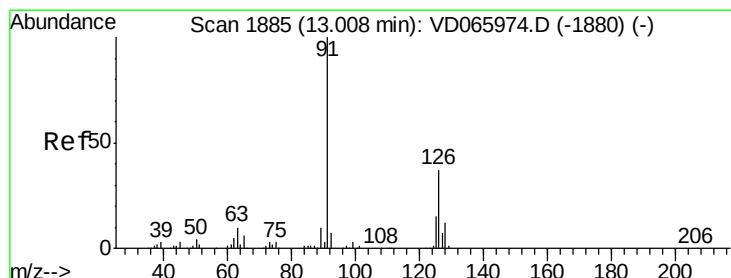
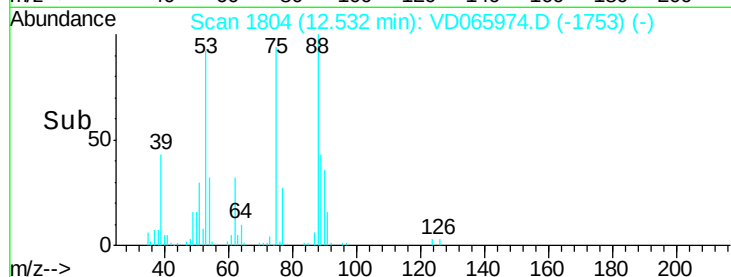
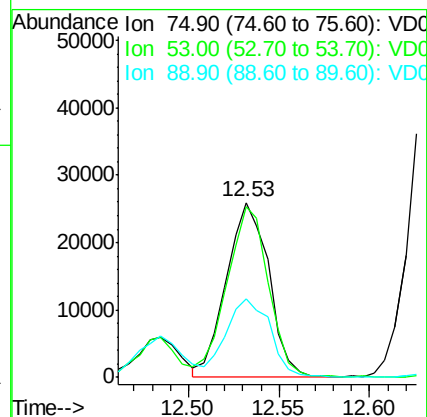
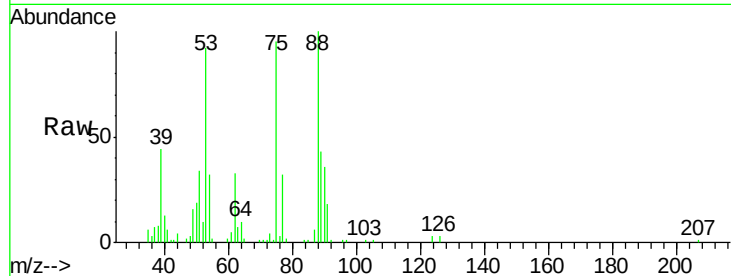
Tgt Ion: 75 Resp: 42229

Ion Ratio Lower Upper

75 100

53 96.0 76.8 115.2

89 46.2 37.0 55.4



#82

4-Chlorotoluene

Concen: 52.904 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD065974.D

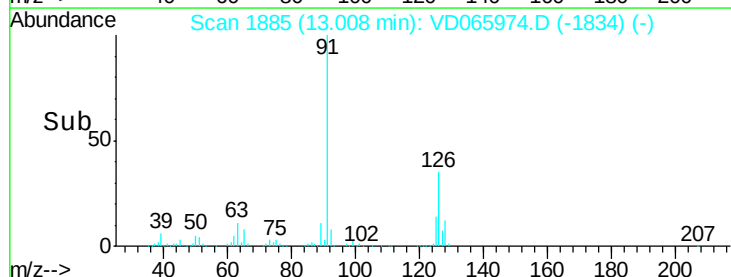
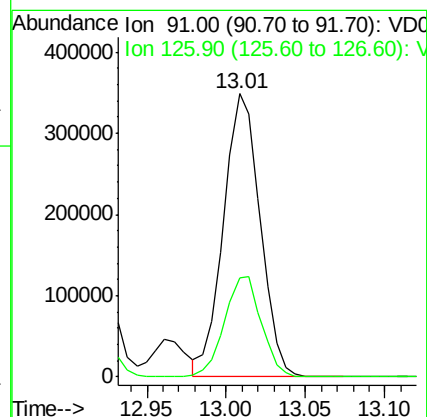
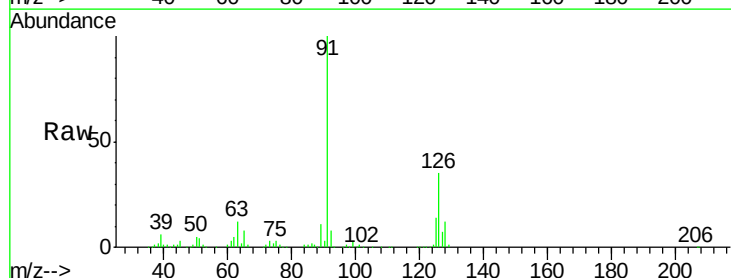
Acq: 21 Jul 2020 11:16

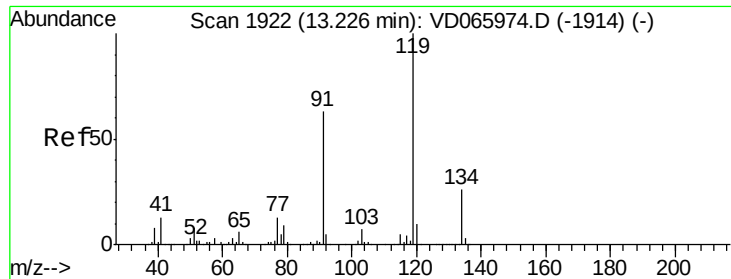
Tgt Ion: 91 Resp: 558226

Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.5

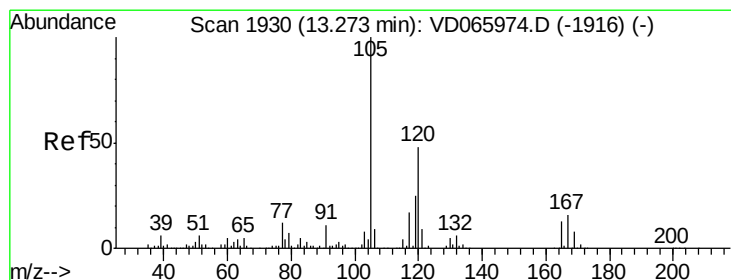
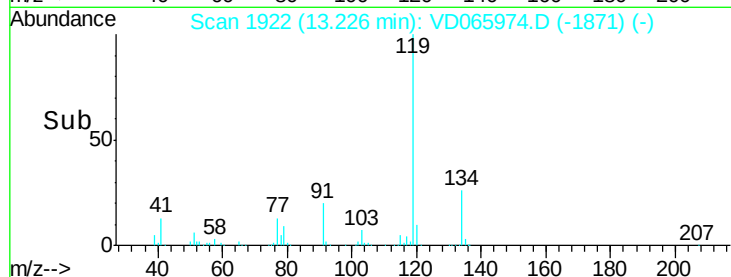
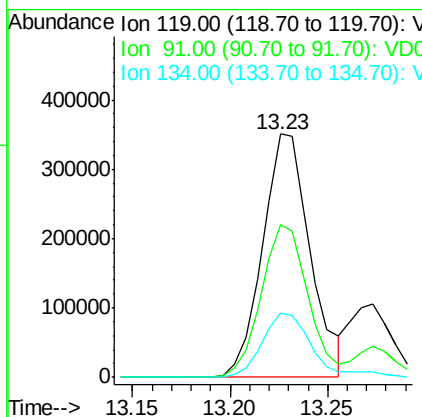
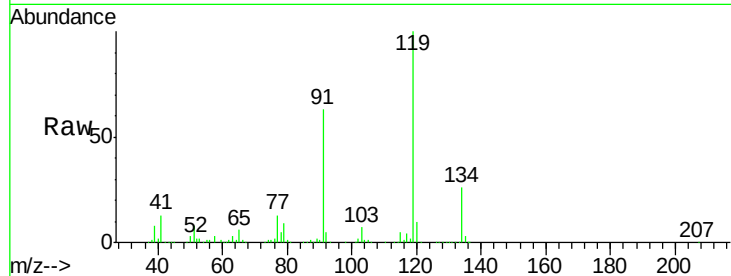




#83
 tert-Butylbenzene
 Concen: 55.147 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

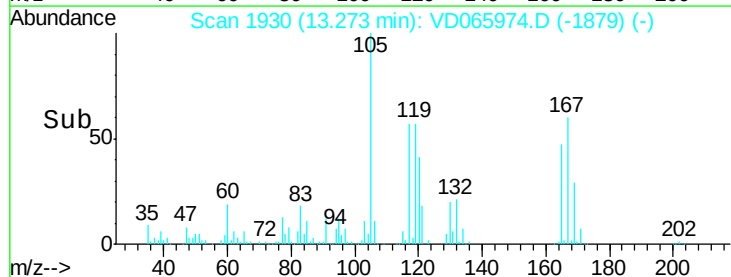
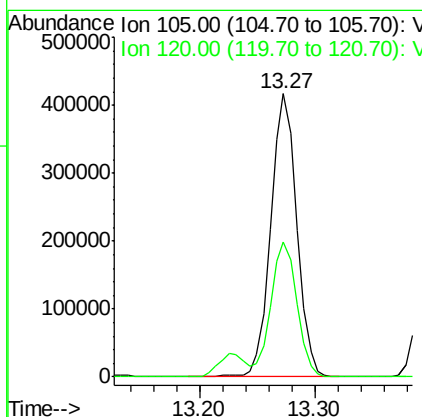
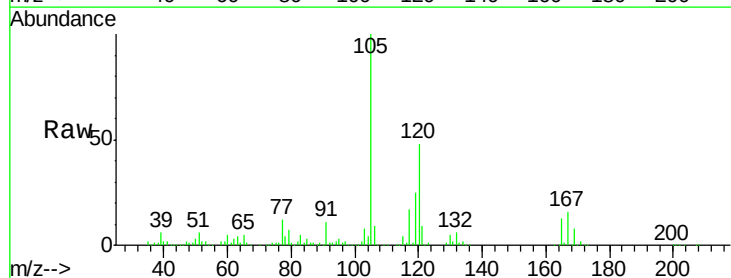
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

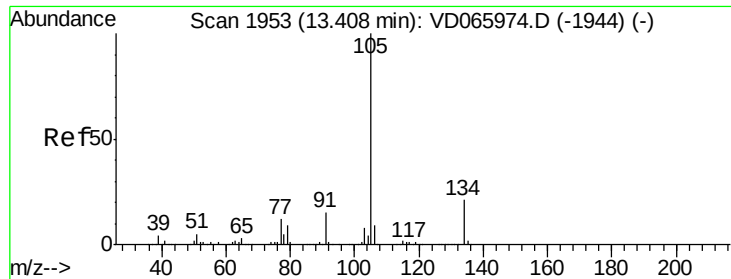
Tgt Ion:119 Resp: 592431
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.6 91.6
 134 27.8 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 53.987 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

Tgt Ion:105 Resp: 655007
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.8





#85

sec-Butylbenzene

Concen: 54.282 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

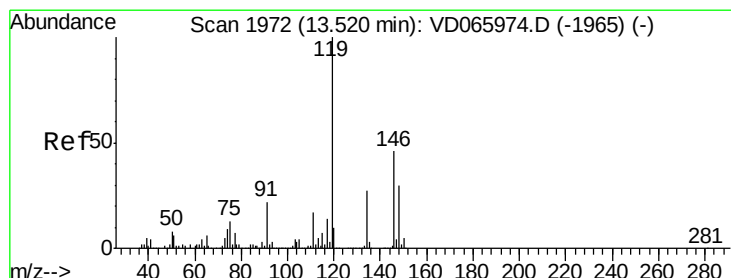
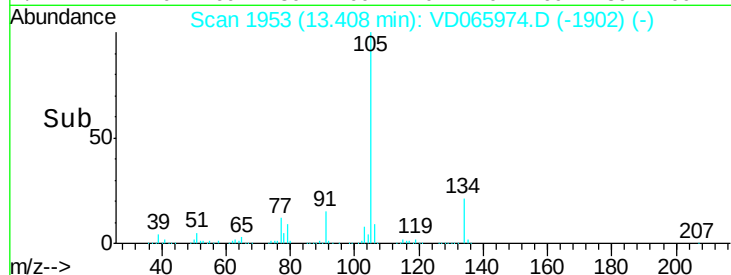
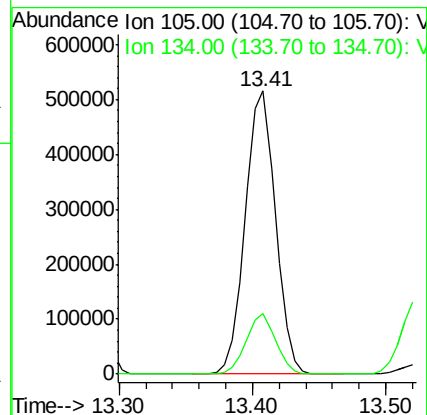
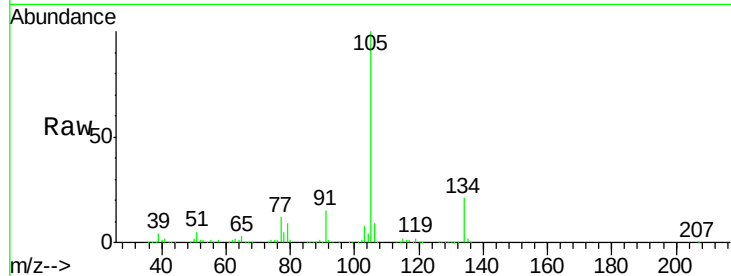
VSTDICCC050

Tgt Ion:105 Resp: 806263

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



#86

p-Isopropyltoluene

Concen: 55.427 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065974.D

Acq: 21 Jul 2020 11:16

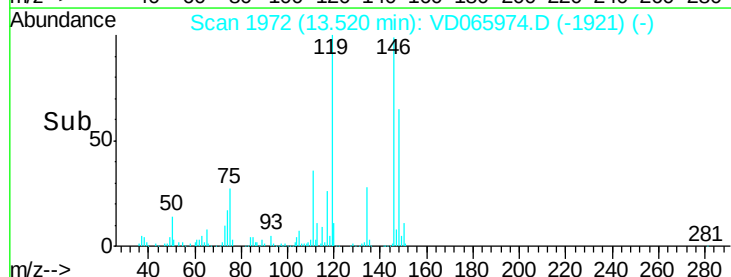
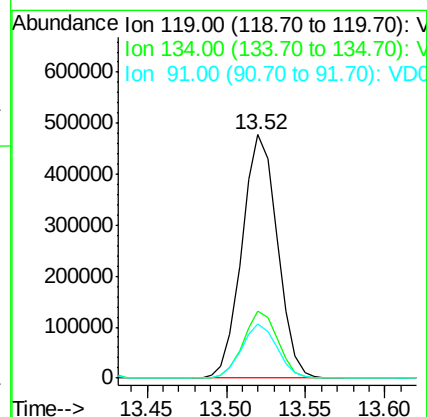
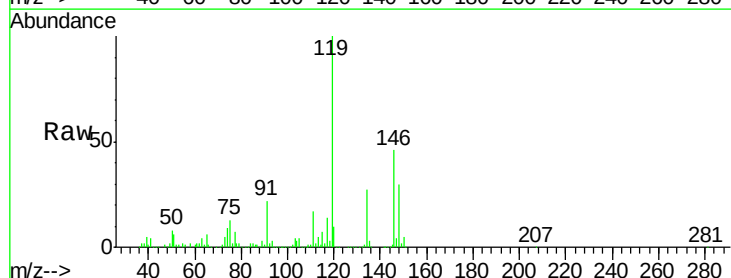
Tgt Ion:119 Resp: 741308

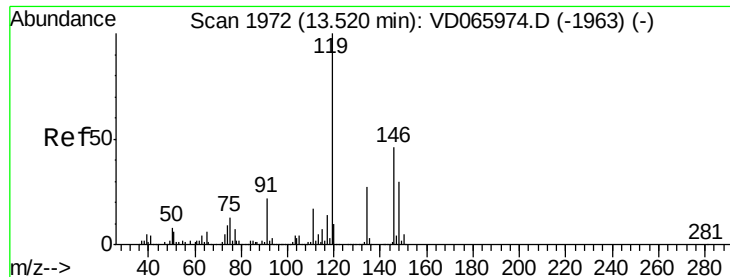
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.2 11.1 33.3

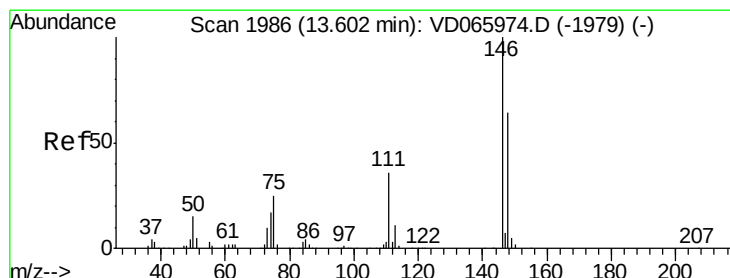
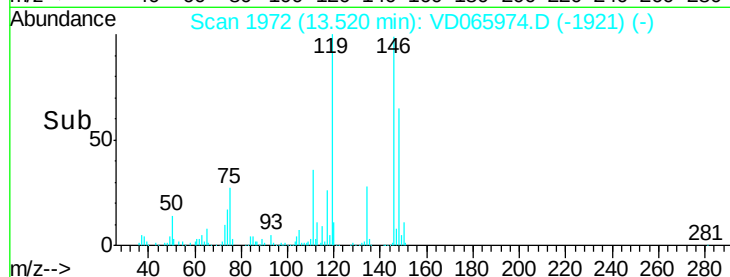
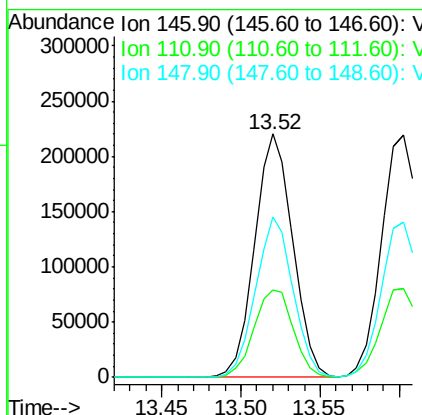
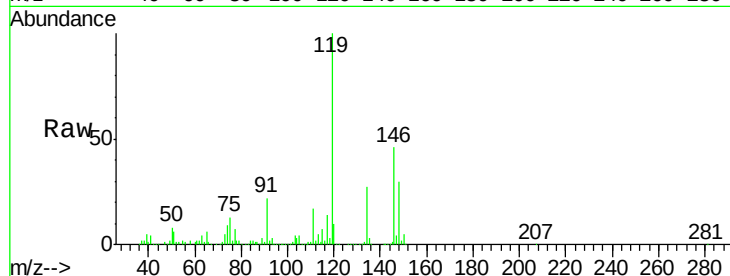




#87
 1,3-Dichlorobenzene
 Concen: 50.845 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

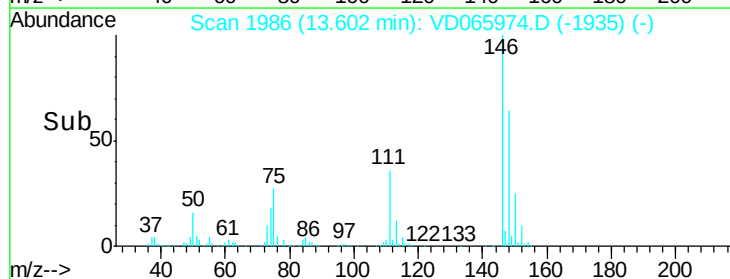
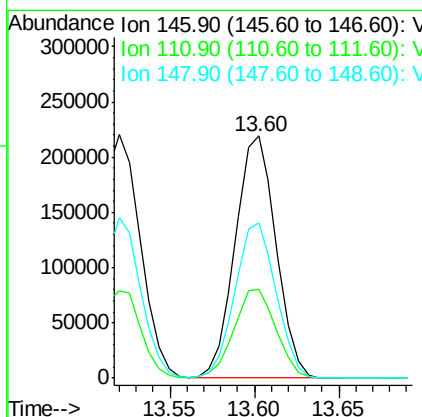
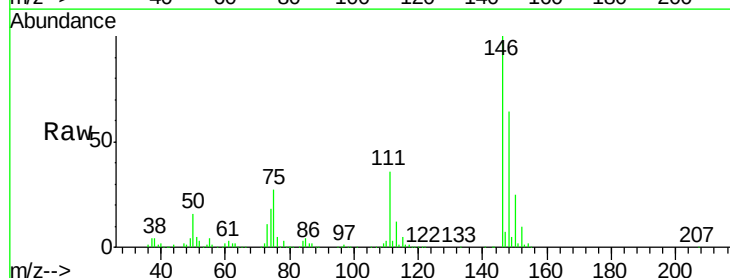
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

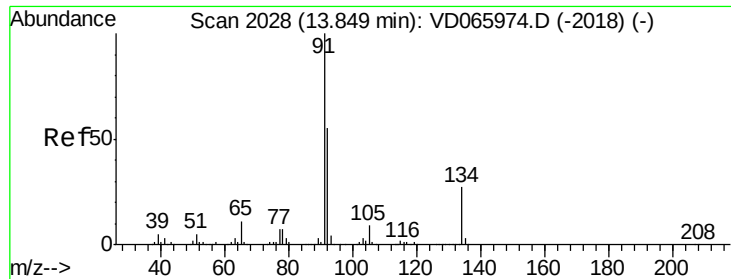
Tgt Ion:146 Resp: 367962
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.6
 148 64.7 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 50.831 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

Tgt Ion:146 Resp: 368695
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 64.4 32.2 96.6

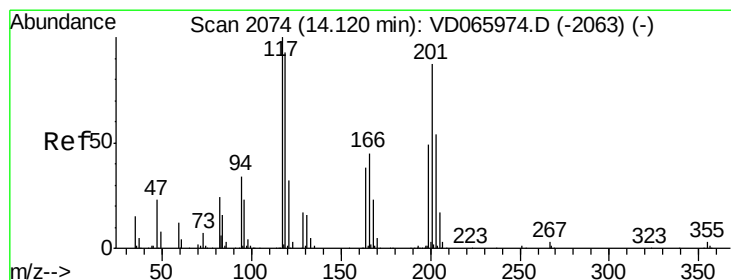
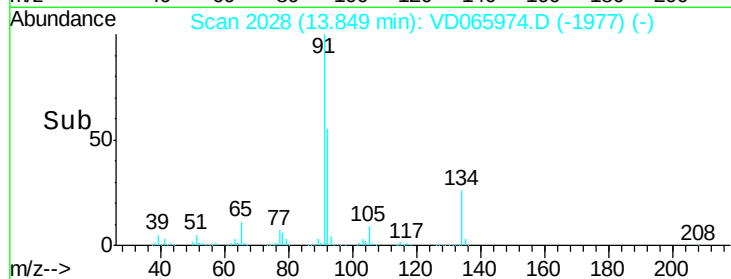
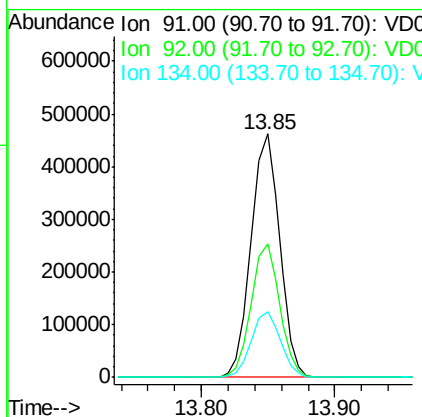
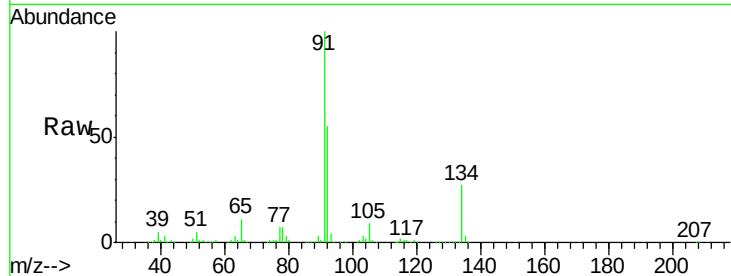




#89
n-Butylbenzene
Concen: 55.227 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

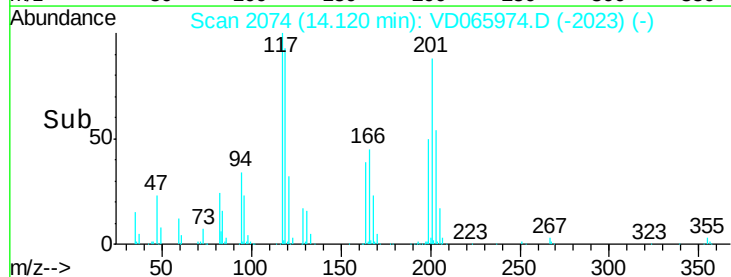
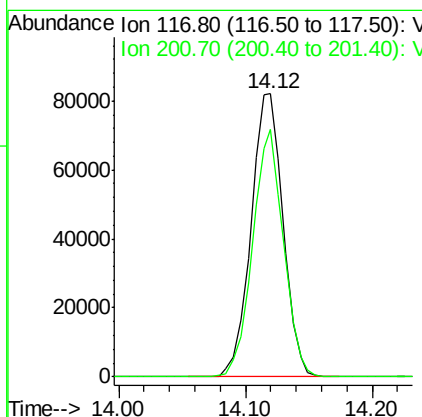
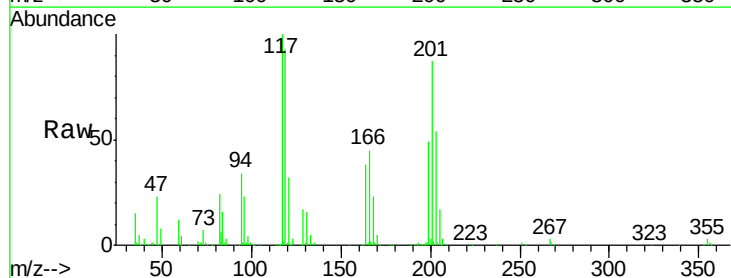
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

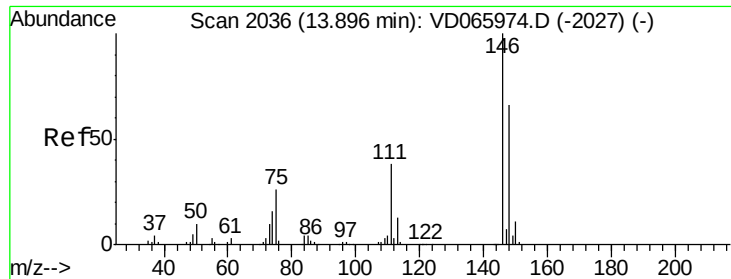
Tgt Ion: 91 Resp: 683204
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 27.6 13.8 41.4



#90
Hexachloroethane
Concen: 52.525 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion: 117 Resp: 144207
Ion Ratio Lower Upper
117 100
201 84.1 42.0 126.1

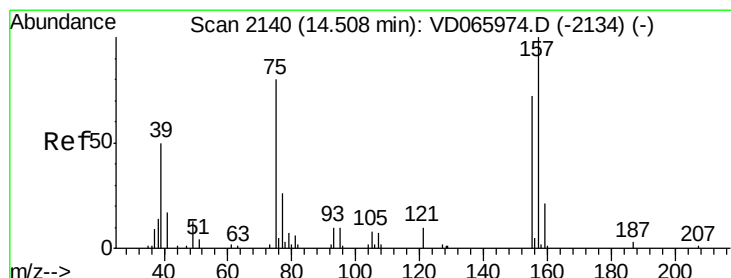
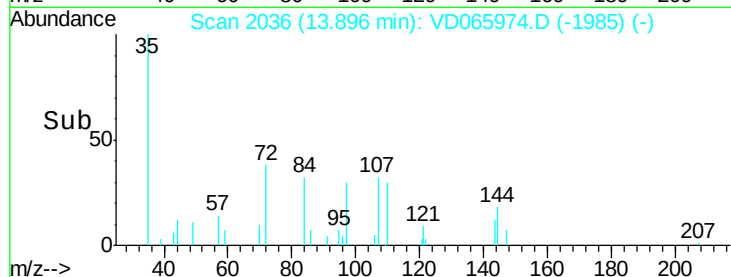
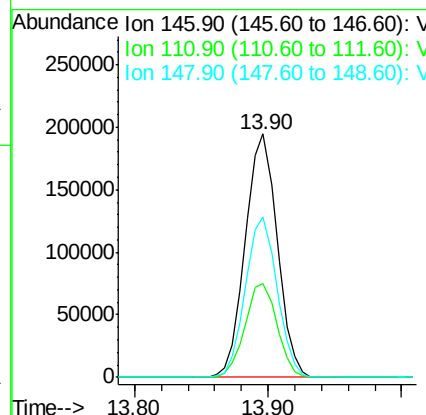
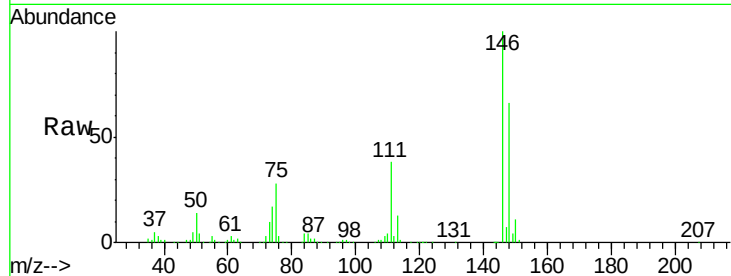




#91
 1,2-Dichlorobenzene
 Concen: 52.060 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

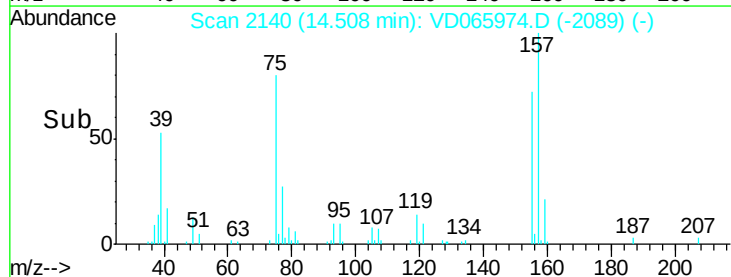
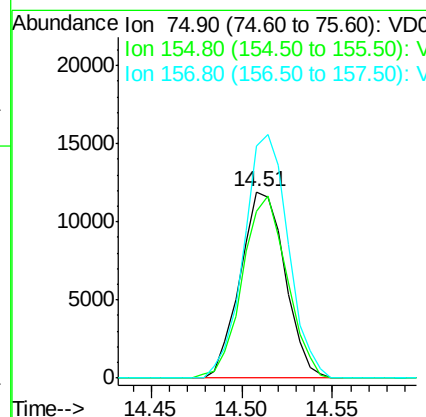
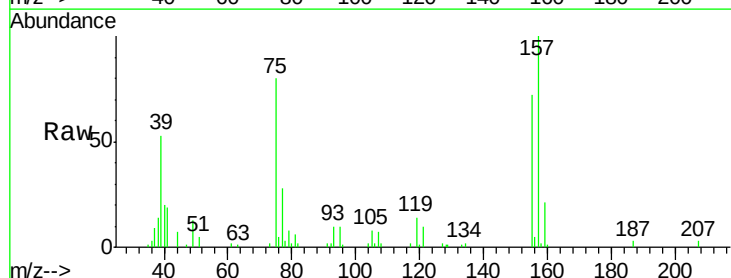
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

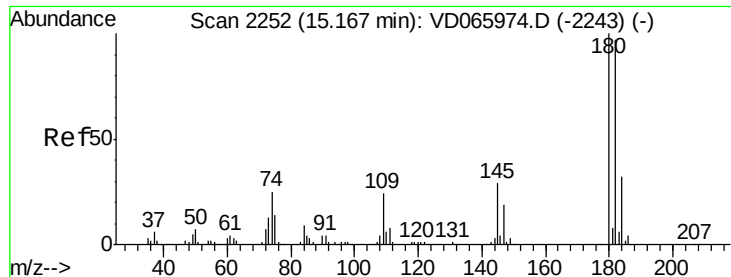
Tgt Ion:146 Resp: 322591
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.9
 148 65.4 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.392 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD065974.D
 Acq: 21 Jul 2020 11:16

Tgt Ion: 75 Resp: 20500
 Ion Ratio Lower Upper
 75 100
 155 97.0 48.5 145.5
 157 129.4 64.7 194.1

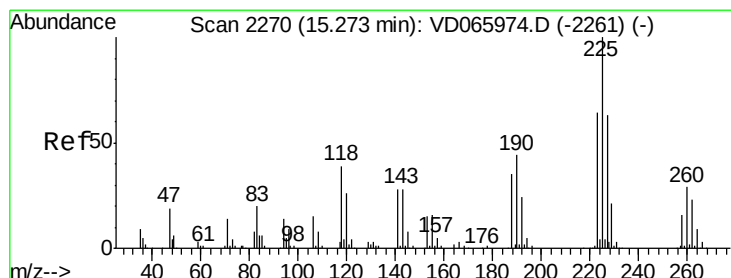
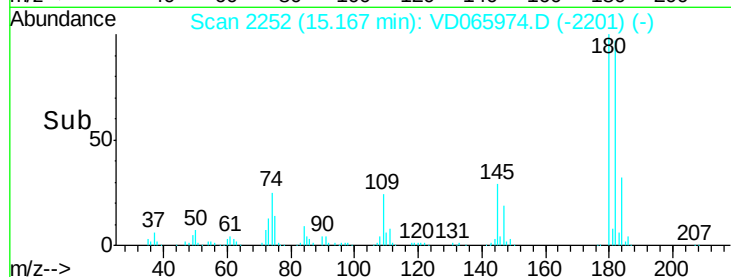
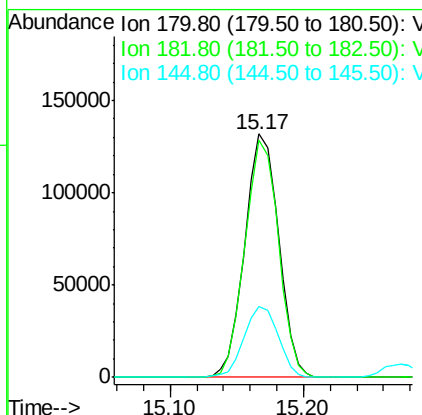
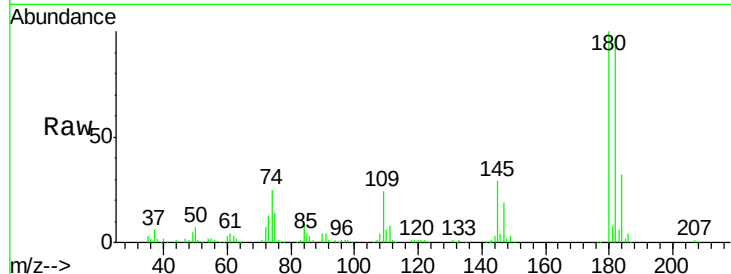




#93
1,2,4-Trichlorobenzene
Concen: 53.881 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

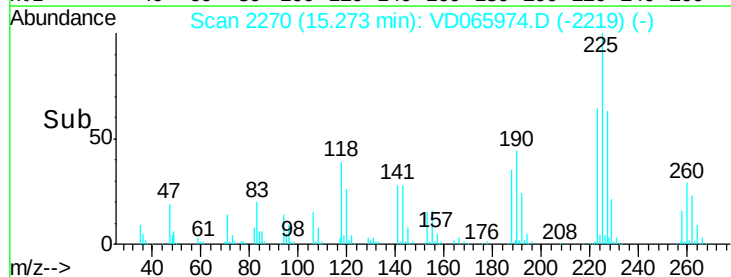
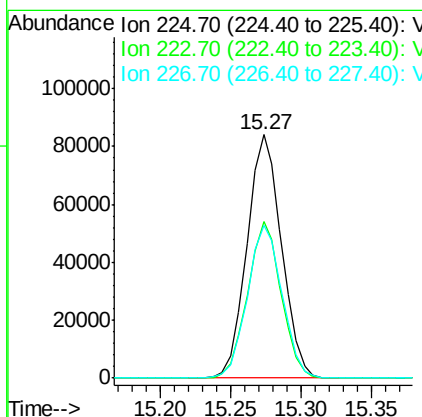
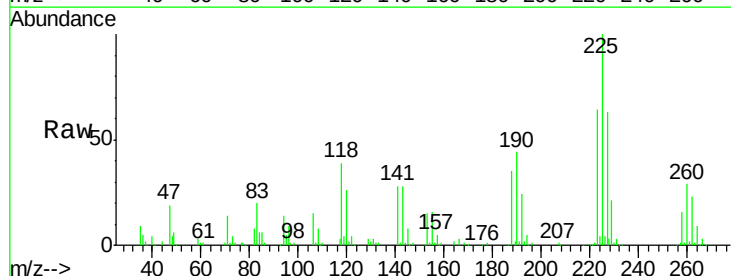
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

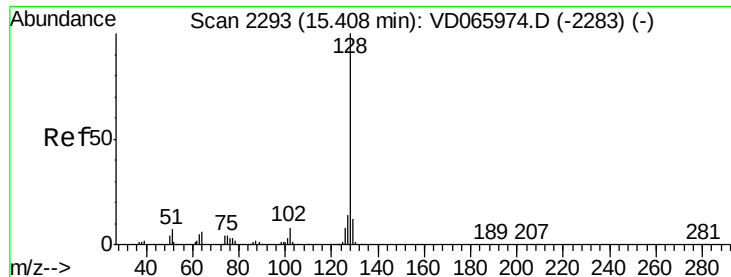
Tgt Ion:180 Resp: 232002
Ion Ratio Lower Upper
180 100
182 96.2 48.1 144.3
145 29.4 14.7 44.1



#94
Hexachlorobutadiene
Concen: 53.359 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion:225 Resp: 143866
Ion Ratio Lower Upper
225 100
223 62.4 31.2 93.6
227 63.2 31.6 94.8

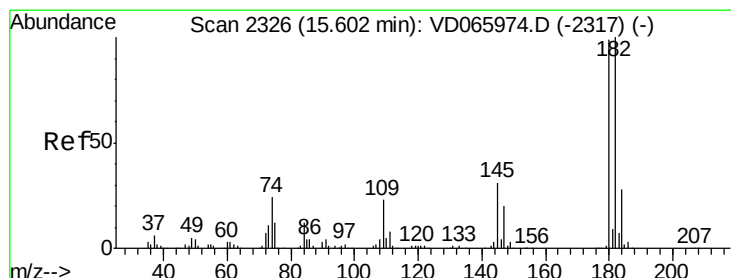
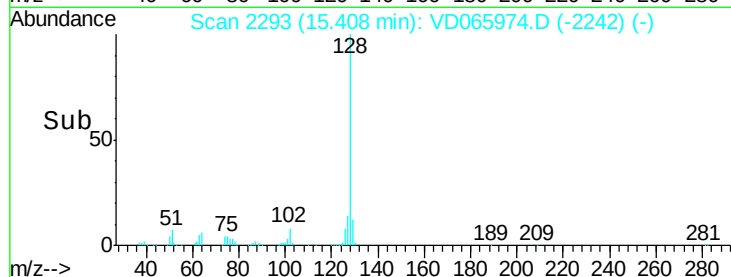
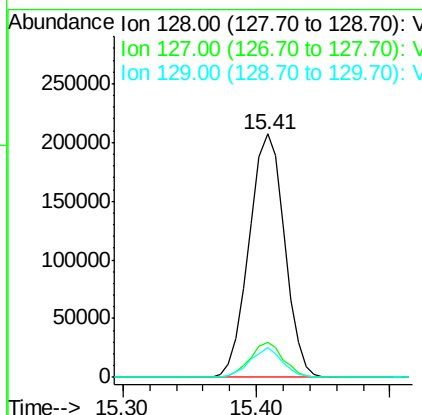
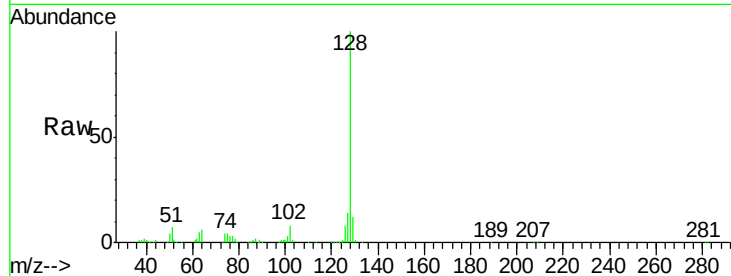




#95
Naphthalene
Concen: 57.653 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 379063
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 53.463 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD065974.D
Acq: 21 Jul 2020 11:16

Tgt Ion:180 Resp: 201462
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 30.8 15.4 46.2

