

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060520\NOT REVIEWED DATA\
 Data File : VD065773.D
 Acq On : 05 Jun 2020 13:40
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

Quant Time: Jun 17 15:09:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	242890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	377687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	344860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	176148	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	120056	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	7.92	113	118957	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.34	98	462183	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.64	95	154679	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	80109	48.956	ug/l	98
3) Chloromethane	2.21	50	145339	53.861	ug/l	99
4) Vinyl Chloride	2.35	62	167329	46.694	ug/l	96
5) Bromomethane	2.77	94	115077	45.919	ug/l	94
6) Chloroethane	2.93	64	113335	46.774	ug/l	98
7) Trichlorofluoromethane	3.27	101	193481	47.655	ug/l	98
8) Diethyl Ether	3.71	74	50642	47.442	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	113421	46.849	ug/l	100
10) Methyl Iodide	4.30	142	113400	48.102	ug/l	99
11) Tert butyl alcohol	5.21	59	31532	231.797	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	106037	48.056	ug/l	95
13) Acrolein	3.92	56	27234	202.020	ug/l	98
14) Allyl chloride	4.71	41	180678	49.542	ug/l	99
15) Acrylonitrile	5.42	53	112844	232.756	ug/l	98
16) Acetone	4.16	43	130486	288.219	ug/l	96
17) Carbon Disulfide	4.41	76	350895	47.381	ug/l	100
18) Methyl Acetate	4.71	43	49327	48.172	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	242171	48.454	ug/l	93
20) Methylene Chloride	4.96	84	120638	50.192	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	125428	48.538	ug/l	97
22) Diisopropyl ether	6.36	45	365031	49.537	ug/l	93
23) Vinyl Acetate	6.31	43	1072209	257.677	ug/l	98
24) 1,1-Dichloroethane	6.27	63	210829	46.957	ug/l	99
25) 2-Butanone	7.21	43	158212	253.038	ug/l	93
26) 2,2-Dichloropropane	7.21	77	196693	49.408	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	136080	48.955	ug/l	99
28) Bromochloromethane	7.55	49	85042	49.042	ug/l	100
29) Tetrahydrofuran	7.56	42	94358	238.778	ug/l	97
30) Chloroform	7.71	83	225217	48.395	ug/l	97
31) Cyclohexane	7.98	56	205879	47.832	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	209689	49.002	ug/l	98
36) 1,1-Dichloropropene	8.11	75	180751	49.959	ug/l	99
37) Ethyl Acetate	7.30	43	68508	48.073	ug/l	98
38) Carbon Tetrachloride	8.10	117	192551	50.570	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	220561	51.490	ug/l	98
40) Benzene	8.36	78	483703	48.904	ug/l	98
41) Methacrylonitrile	7.56	41	96240	113.417	ug/l #	28
42) 1,2-Dichloroethane	8.43	62	142924	47.891	ug/l	100
43) Isopropyl Acetate	8.46	43	137079	48.373	ug/l	98
44) Trichloroethene	9.11	130	139087	50.531	ug/l	96
45) 1,2-Dichloropropane	9.39	63	120944	48.665	ug/l	97
46) Dibromomethane	9.48	93	64580	47.913	ug/l	99
47) Bromodichloromethane	9.67	83	172274	47.697	ug/l	99
48) Methyl methacrylate	9.46	41	68742	50.115	ug/l	99
49) 1,4-Dioxane	9.46	88	13633	950.270	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	341680	246.063	ug/l	98
52) Toluene	10.41	92	325199	50.601	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	163933	50.122	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	191802	49.654	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	89501	49.696	ug/l	94
56) Ethyl methacrylate	10.66	69	109188	51.545	ug/l	99
57) 1,3-Dichloropropane	10.95	76	149311	47.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	248924	252.756	ug/l	100
59) 2-Hexanone	10.99	43	242495	259.028	ug/l	99
60) Dibromochloromethane	11.14	129	118806	48.833	ug/l	100
61) 1,2-Dibromoethane	11.25	107	87558	49.470	ug/l	100
64) Tetrachloroethene	10.88	164	118735	50.916	ug/l	98
65) Chlorobenzene	11.67	112	339203	50.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	124245	49.509	ug/l	99
67) Ethyl Benzene	11.75	91	619679	51.524	ug/l	97
68) m/p-Xylenes	11.86	106	477692	103.114	ug/l	100
69) o-Xylene	12.18	106	221782	53.096	ug/l	97
70) Styrene	12.20	104	378826	52.390	ug/l	99
71) Bromoform	12.37	173	69165	50.049	ug/l #	98
73) Isopropylbenzene	12.48	105	609522	51.610	ug/l	99
74) N-amyl acetate	12.29	43	131499	50.048	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	97162	48.714	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	127554	93.110	ug/l #	100
77) Bromobenzene	12.77	156	142038	50.832	ug/l	99
78) n-propylbenzene	12.83	91	731075	51.426	ug/l	98
79) 2-Chlorotoluene	12.91	91	394911	50.638	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	512233	52.120	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	32107	50.639	ug/l	96
82) 4-Chlorotoluene	13.01	91	424692	50.735	ug/l	99
83) tert-Butylbenzene	13.23	119	442002	51.832	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	502946	51.128	ug/l	99
85) sec-Butylbenzene	13.41	105	619828	52.228	ug/l	100
86) p-Isopropyltoluene	13.52	119	576091	52.962	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	280847	50.974	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	269399	49.155	ug/l	99
89) n-Butylbenzene	13.85	91	540813	52.131	ug/l	100
90) Hexachloroethane	14.12	117	108339	49.759	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	235382	49.641	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16235	48.910	ug/l	93

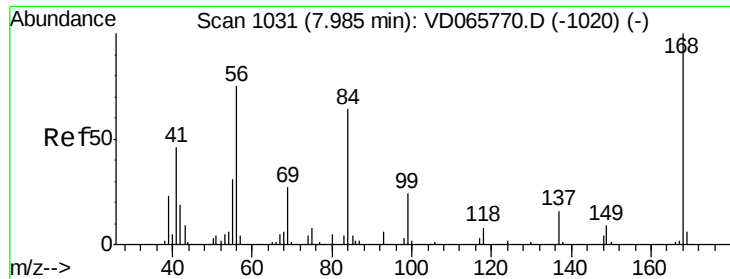
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	171304	53.134	ug/l	98
94) Hexachlorobutadiene	15.28	225	99739	51.176	ug/l	97
95) Naphthalene	15.41	128	277581	50.829	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	143529	51.690	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

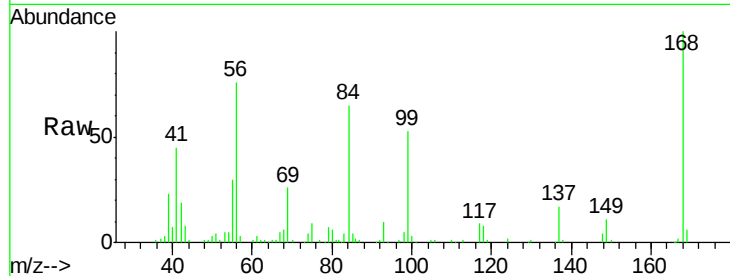
ICVVD060520

Tgt Ion:168 Resp: 242890

Ion Ratio Lower Upper

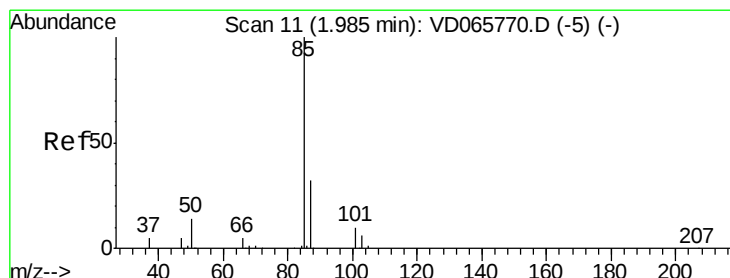
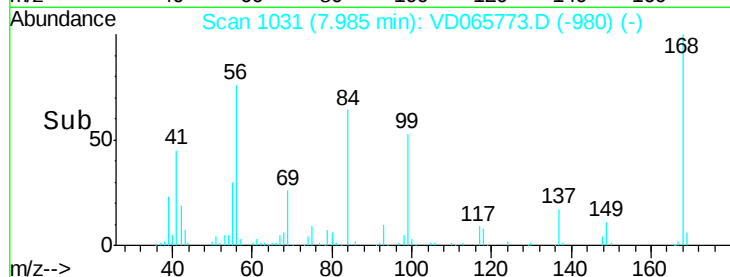
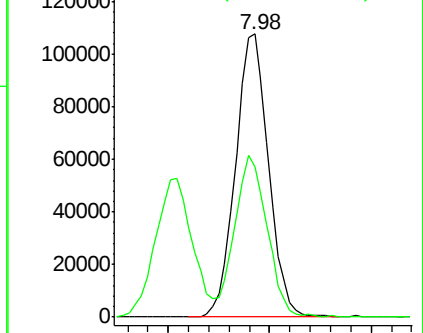
168 100

99 52.9 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 48.956 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065773.D

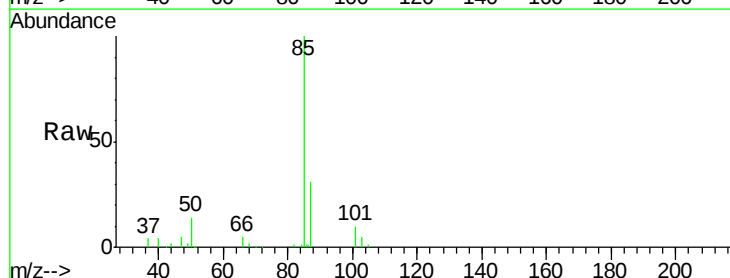
Acq: 05 Jun 2020 13:40

Tgt Ion: 85 Resp: 80109

Ion Ratio Lower Upper

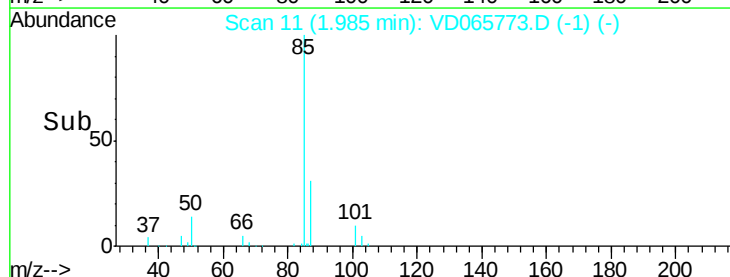
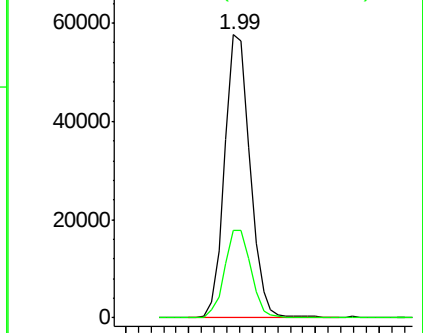
85 100

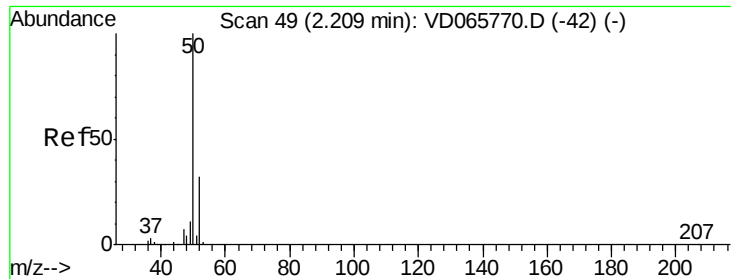
87 31.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 53.861 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

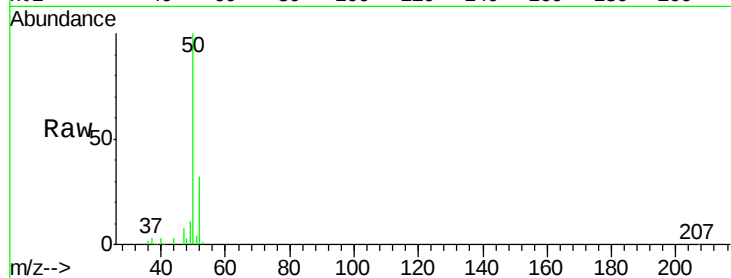
ICVVD060520

Tgt Ion: 50 Resp: 145339

Ion Ratio Lower Upper

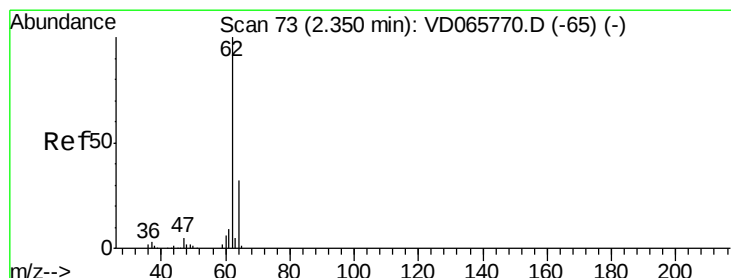
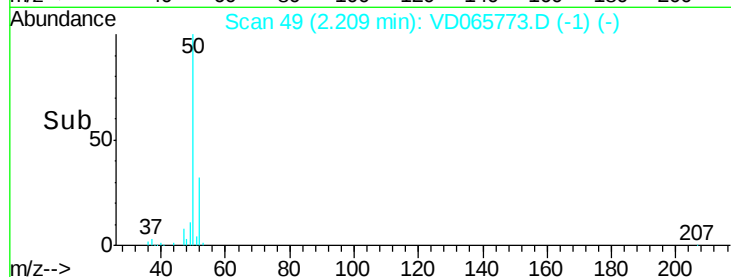
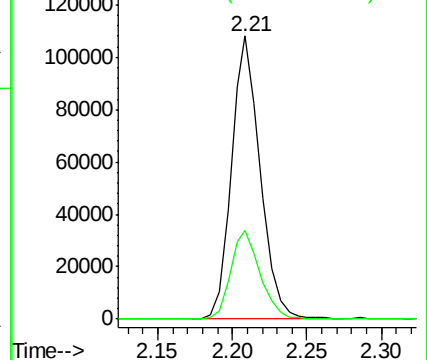
50 100

52 31.6 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 46.694 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065773.D

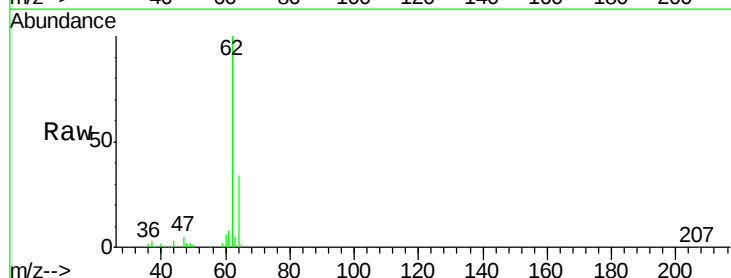
Acq: 05 Jun 2020 13:40

Tgt Ion: 62 Resp: 167329

Ion Ratio Lower Upper

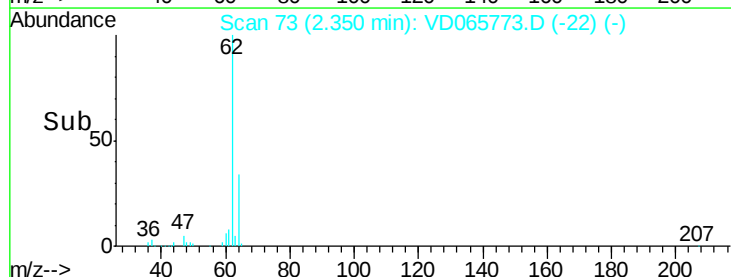
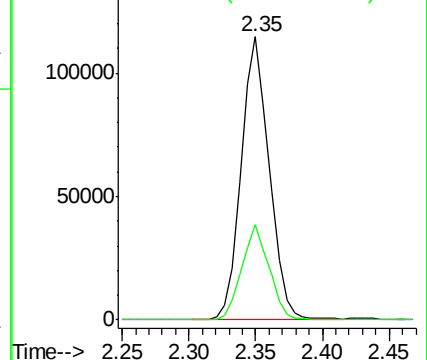
62 100

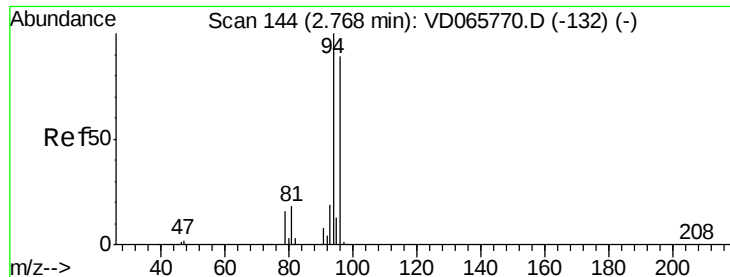
64 33.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 45.919 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

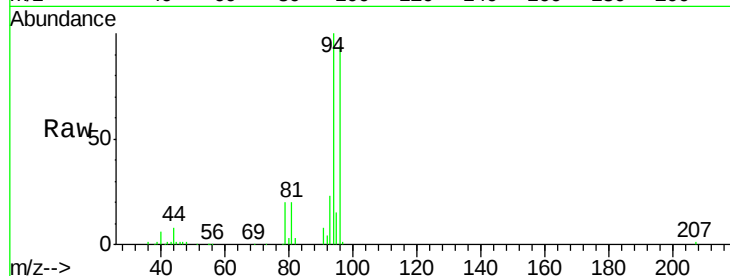
ICVVD060520

Tgt Ion: 94 Resp: 115077

Ion Ratio Lower Upper

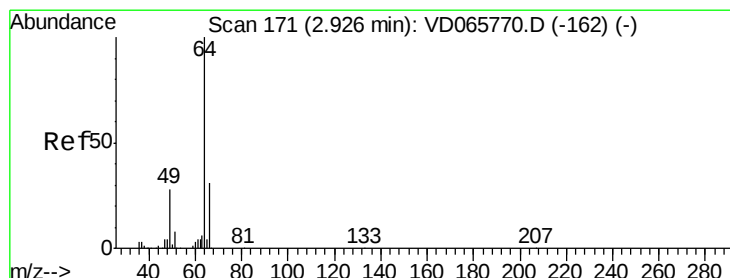
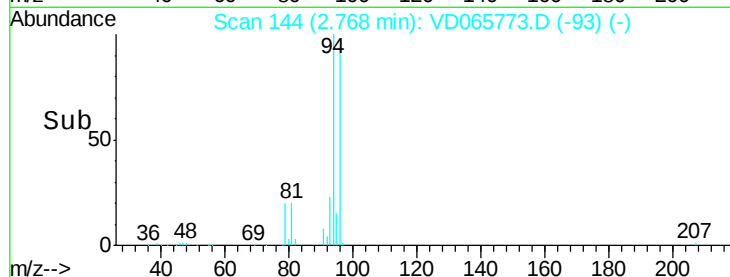
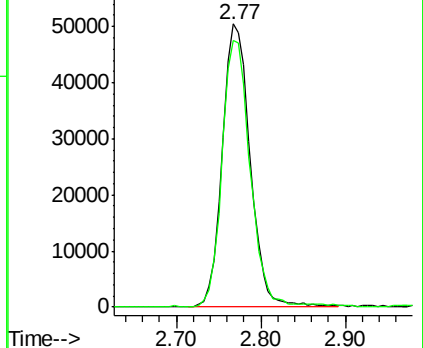
94 100

96 94.4 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.774 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065773.D

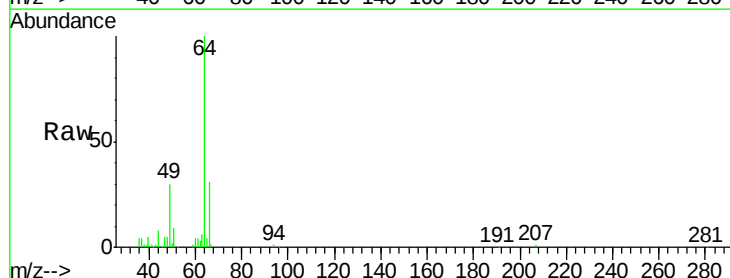
Acq: 05 Jun 2020 13:40

Tgt Ion: 64 Resp: 113335

Ion Ratio Lower Upper

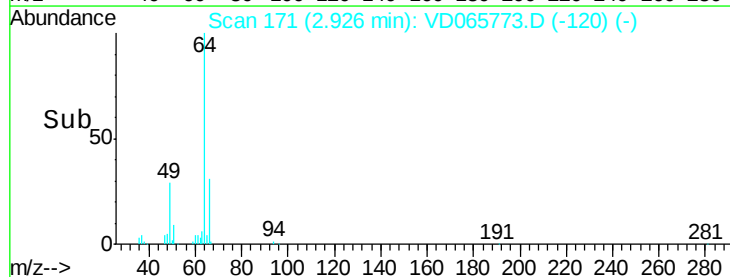
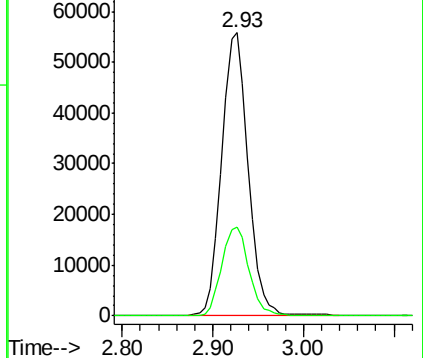
64 100

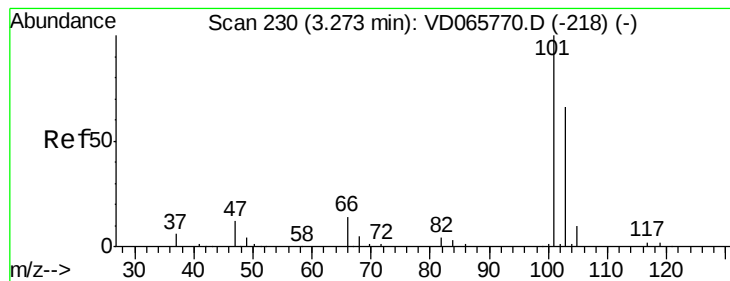
66 31.5 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 47.655 ug/l

RT: 3.27 min Scan# 230

Delta R.T. -0.00 min

Lab File: VD065773.D

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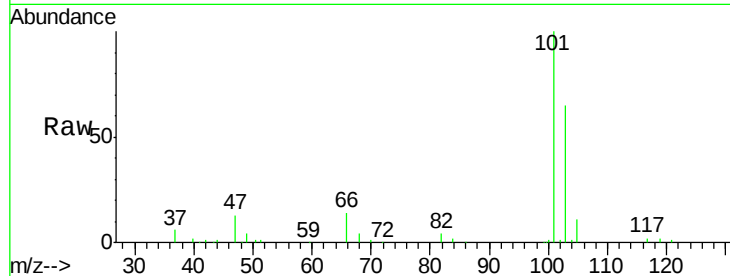
ICVVD060520

Tgt Ion:101 Resp: 193481

Ion Ratio Lower Upper

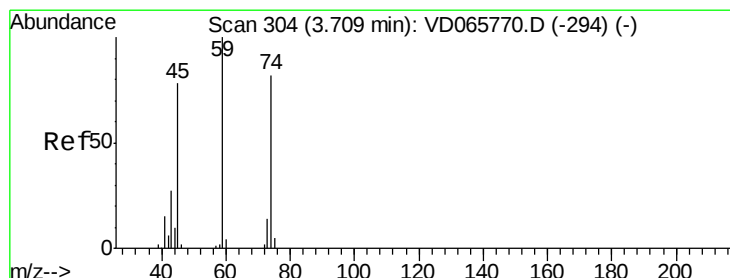
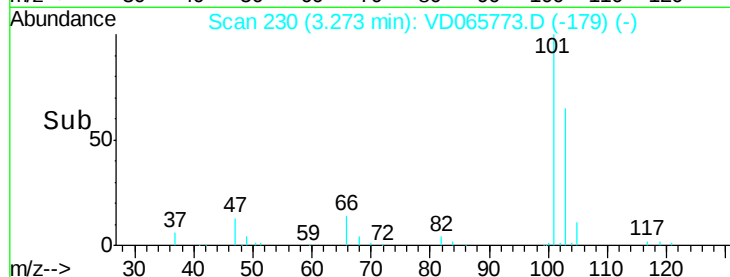
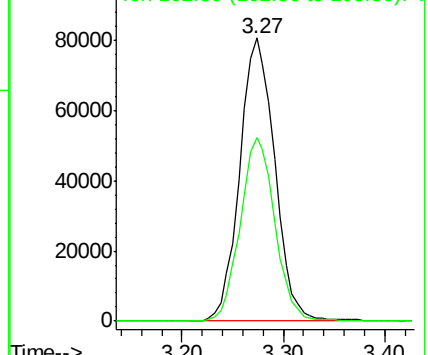
101 100

103 64.6 53.1 79.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 47.442 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD065773.D

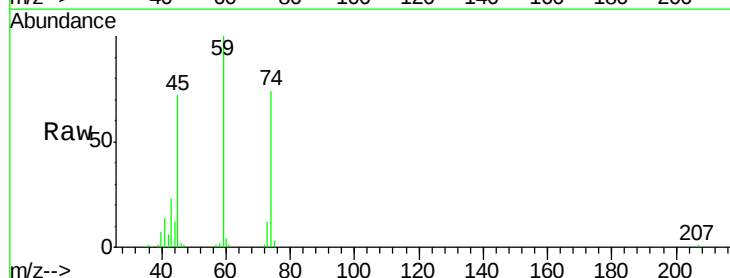
Acq: 05 Jun 2020 13:40

Tgt Ion: 74 Resp: 50642

Ion Ratio Lower Upper

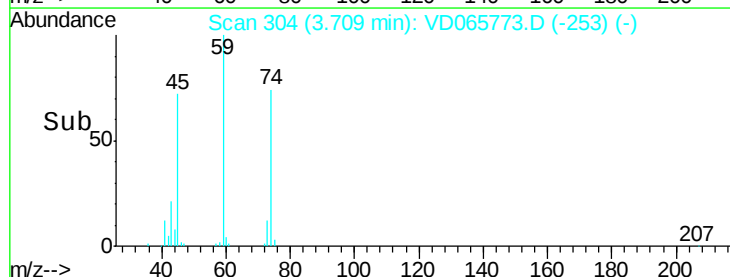
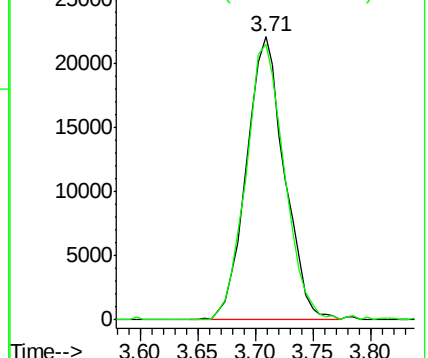
74 100

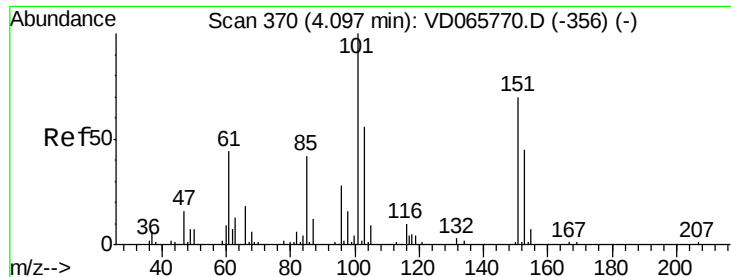
45 98.8 47.9 143.8



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.849 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

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ClientSampleId :

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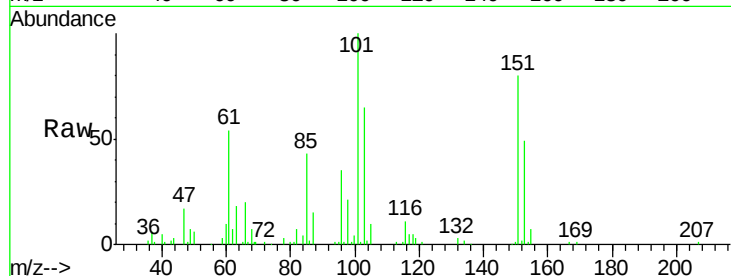
Tgt Ion:101 Resp: 113421

Ion Ratio Lower Upper

101 100

85 45.5 36.5 54.7

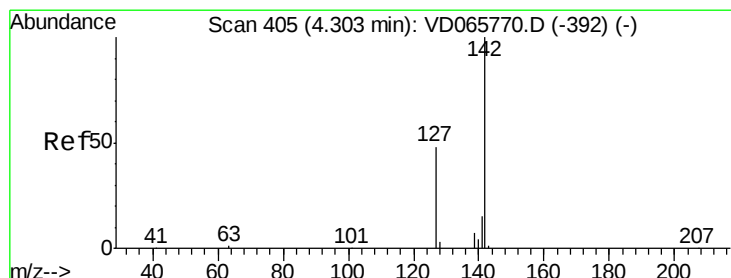
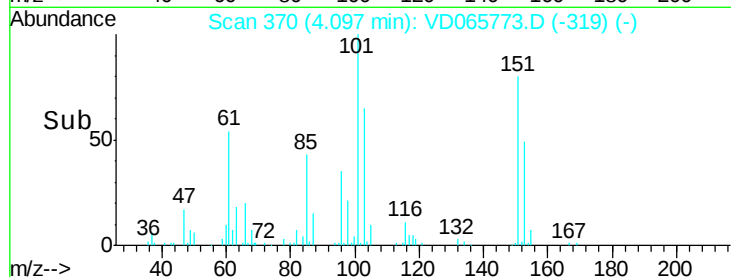
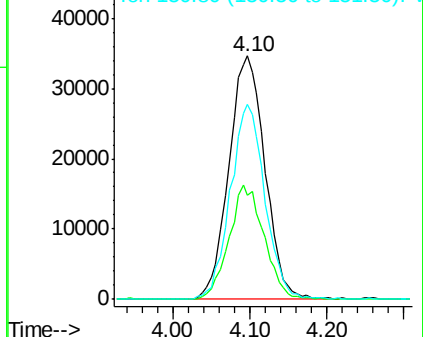
151 76.8 61.8 92.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.102 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

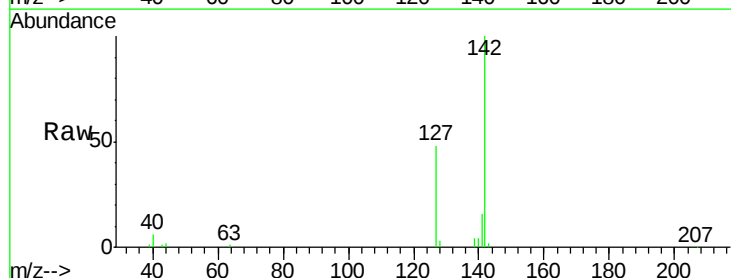
Tgt Ion:142 Resp: 113400

Ion Ratio Lower Upper

142 100

127 47.2 37.6 56.4

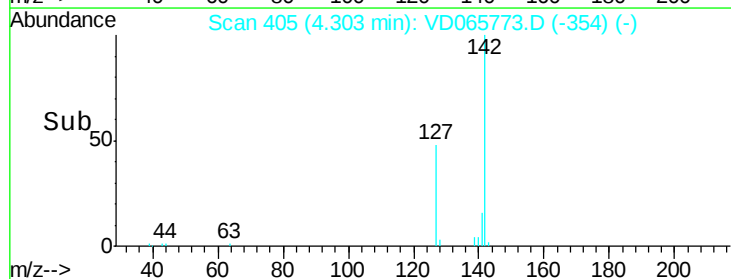
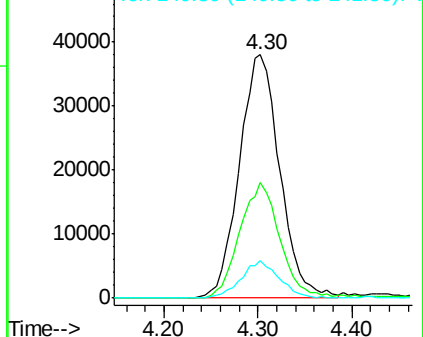
141 14.3 12.1 18.1

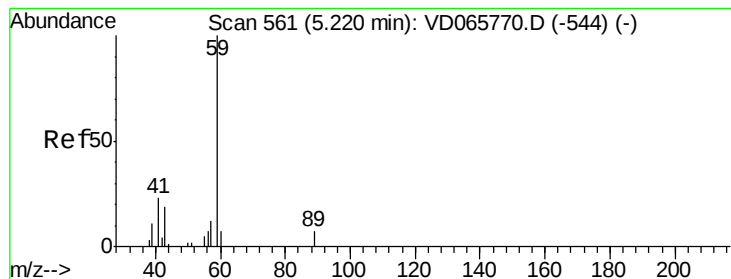


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 231.797 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

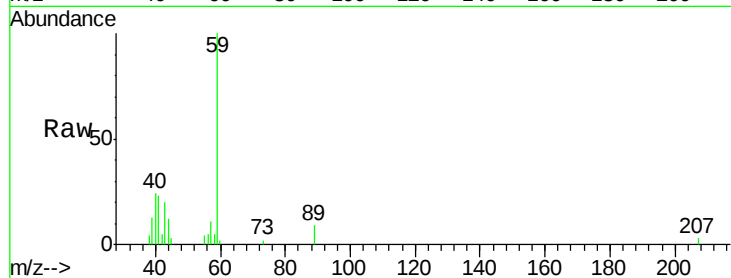
ICVVD060520

Tgt Ion: 59 Resp: 31532

Ion Ratio Lower Upper

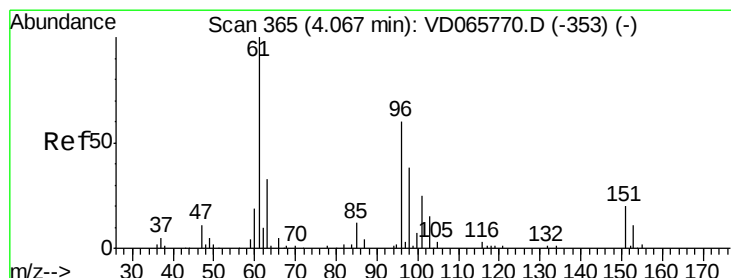
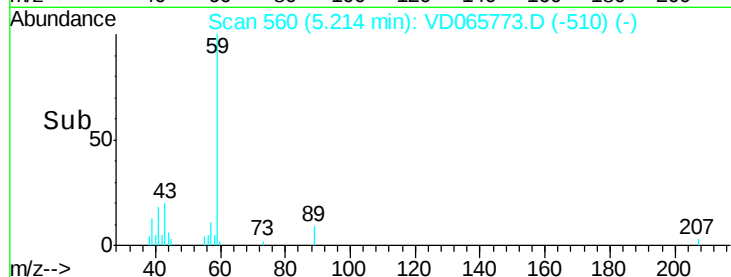
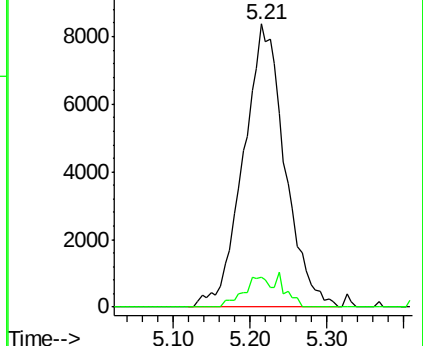
59 100

57 7.3 7.5 11.3#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 48.056 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

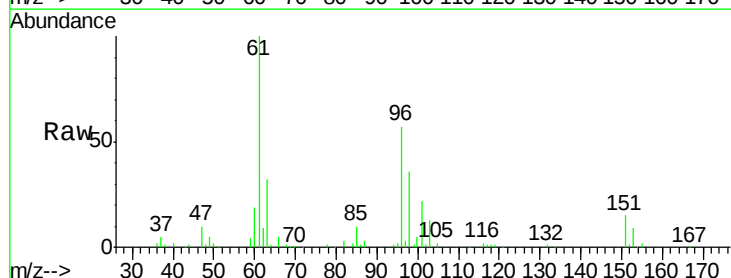
Tgt Ion: 96 Resp: 106037

Ion Ratio Lower Upper

96 100

61 173.9 132.3 198.5

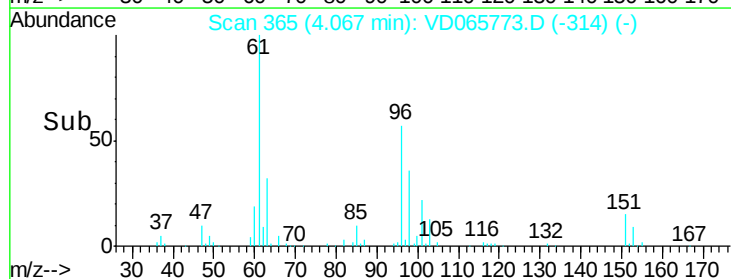
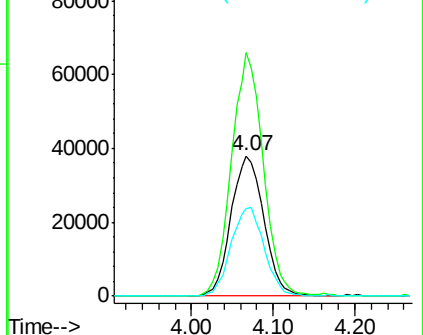
98 62.8 50.7 76.1

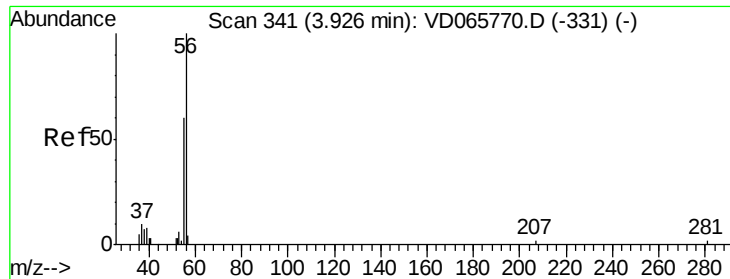


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 202.020 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

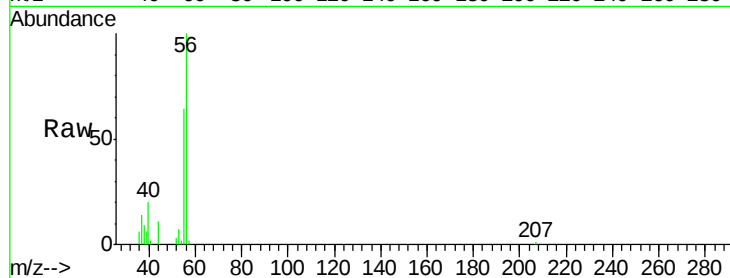
ICVVD060520

Tgt Ion: 56 Resp: 27234

Ion Ratio Lower Upper

56 100

55 67.0 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

12000

10000

8000

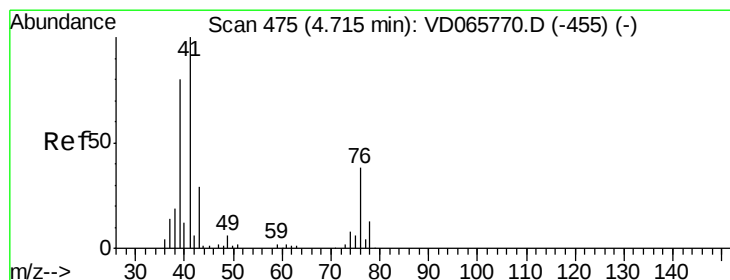
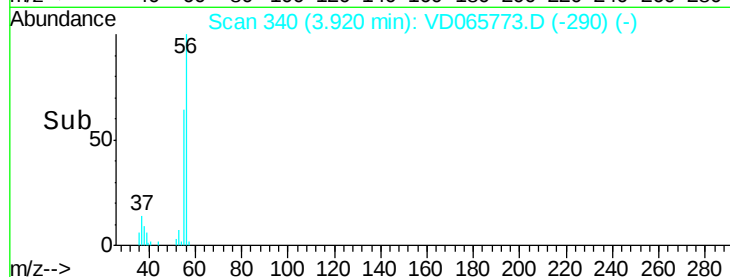
6000

4000

2000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 49.542 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

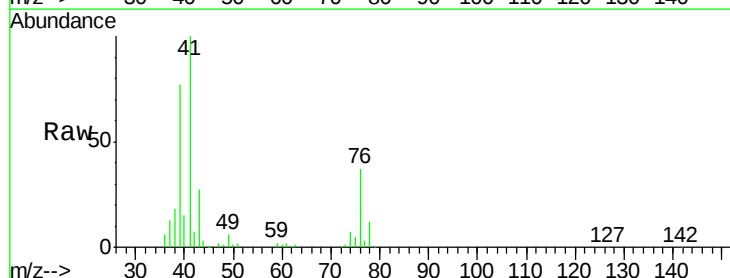
Tgt Ion: 41 Resp: 180678

Ion Ratio Lower Upper

41 100

39 76.4 60.9 91.3

76 35.2 28.9 43.3



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

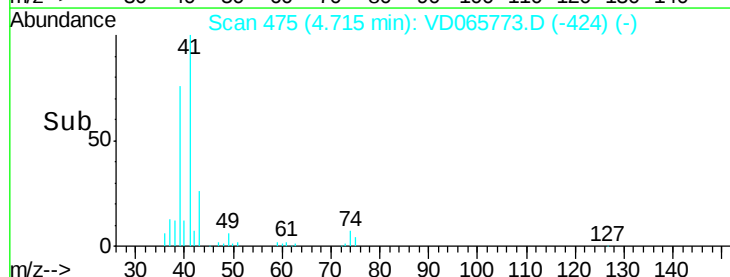
60000

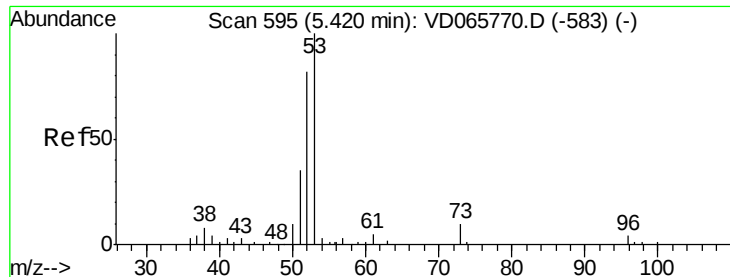
40000

20000

0

Time--> 4.50 4.60 4.70 4.80 4.90





#15

Acrylonitrile

Concen: 232.756 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

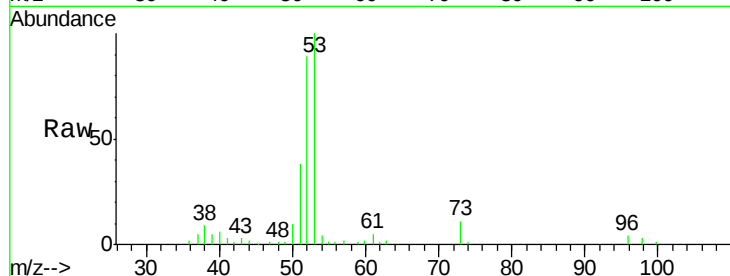
Tgt Ion: 53 Resp: 112844

Ion Ratio Lower Upper

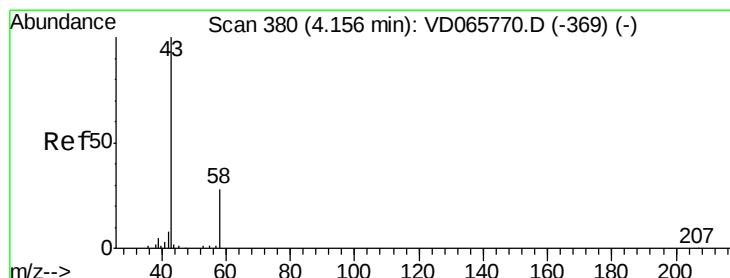
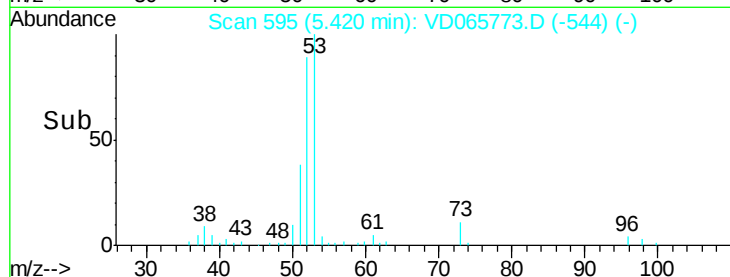
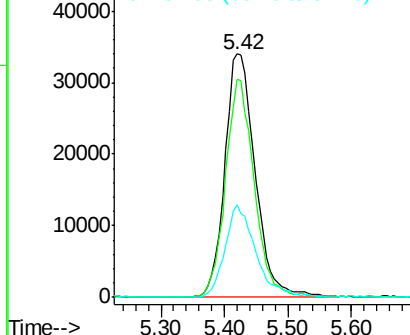
53 100

52 84.7 66.2 99.2

51 38.0 30.7 46.1



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



#16

Acetone

Concen: 288.219 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065773.D

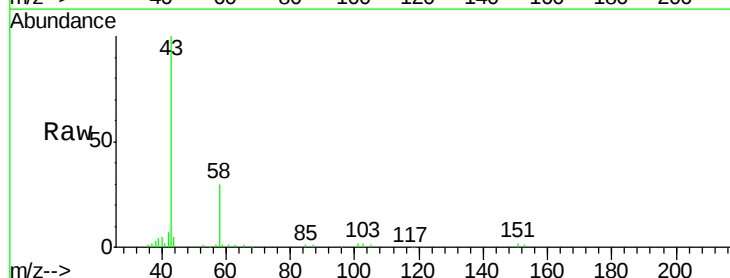
Acq: 05 Jun 2020 13:40

Tgt Ion: 43 Resp: 130486

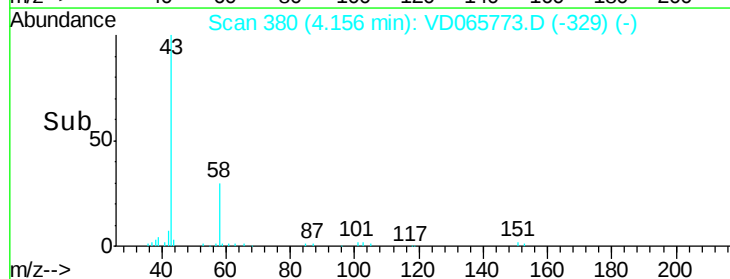
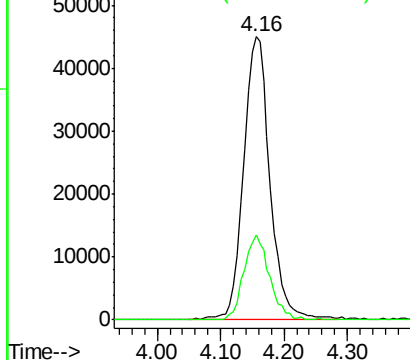
Ion Ratio Lower Upper

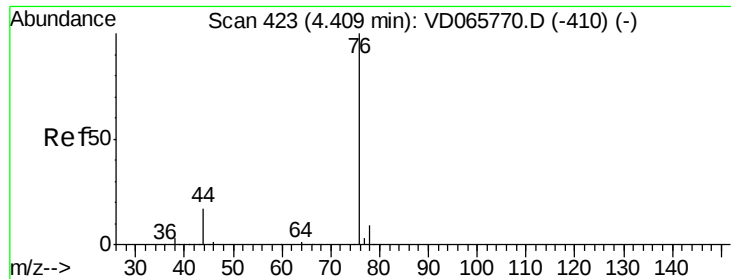
43 100

58 30.0 22.3 33.5



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

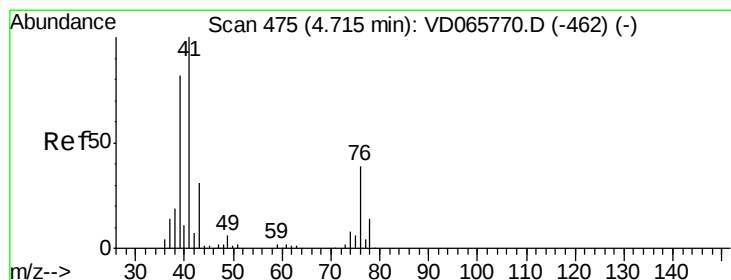
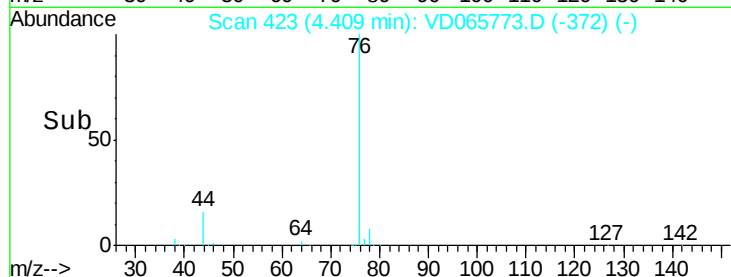
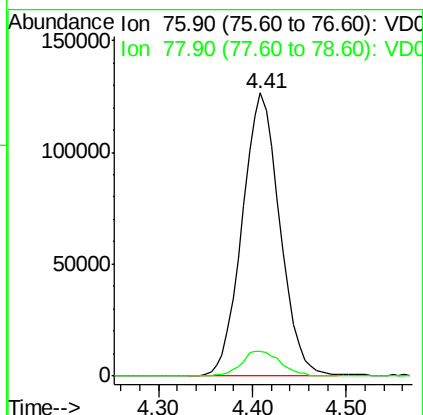
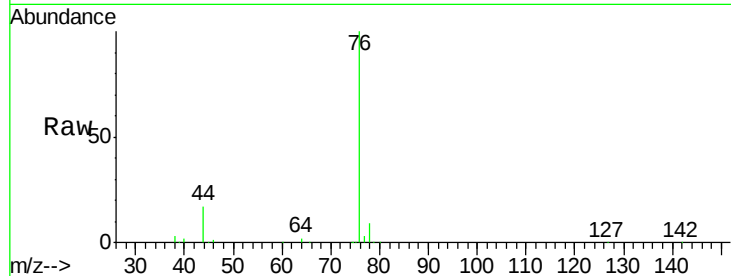




#17
Carbon Disulfide
Concen: 47.381 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

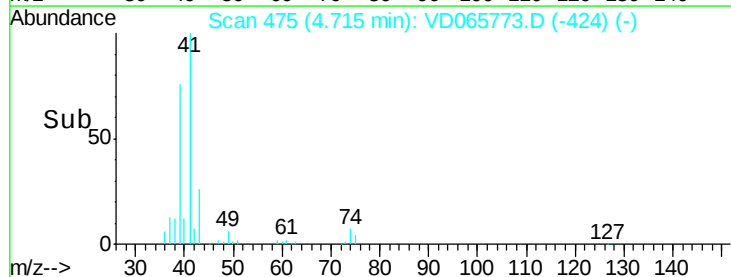
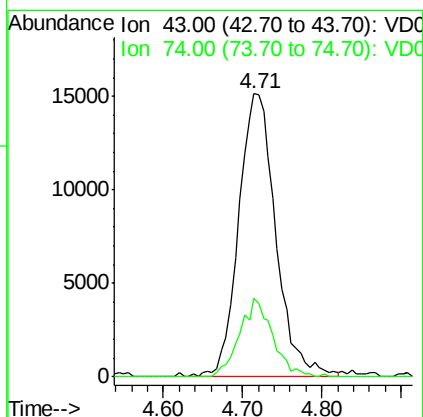
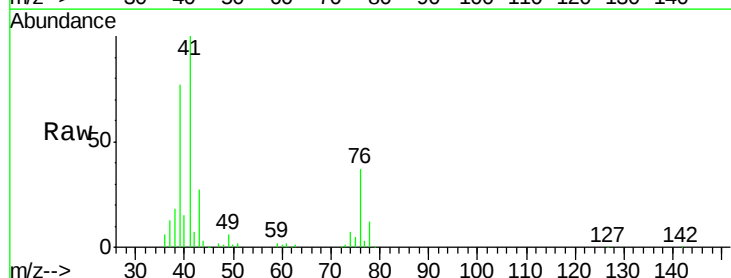
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

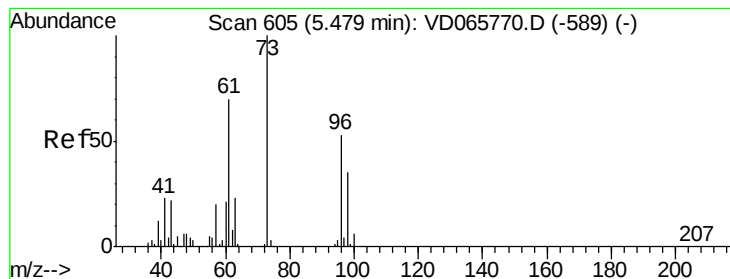
Tgt Ion: 76 Resp: 350895
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 48.172 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion: 43 Resp: 49327
Ion Ratio Lower Upper
43 100
74 24.6 18.7 28.1





#19

Methyl tert-butyl Ether

Concen: 48.454 ug/l

RT: 5.48 min Scan# 605

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

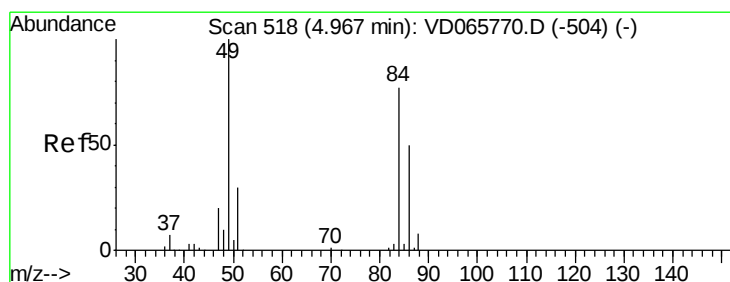
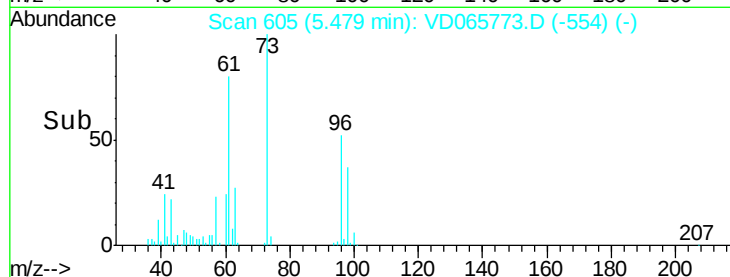
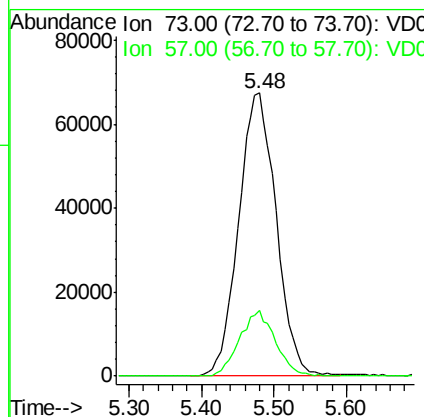
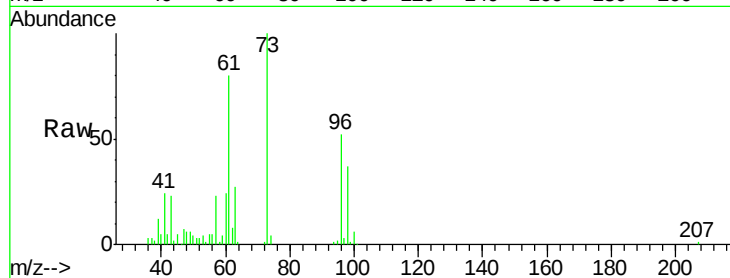
ICVVD060520

Tgt Ion: 73 Resp: 242171

Ion Ratio Lower Upper

73 100

57 23.3 16.2 24.2



#20

Methylene Chloride

Concen: 50.192 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Tgt Ion: 84 Resp: 120638

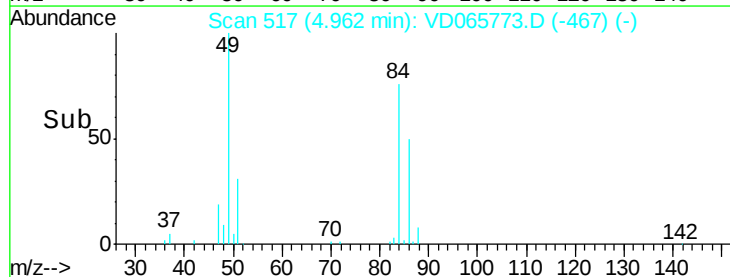
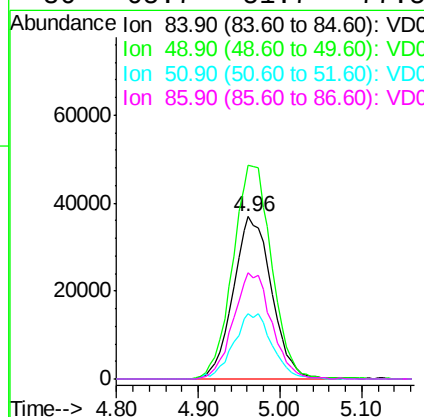
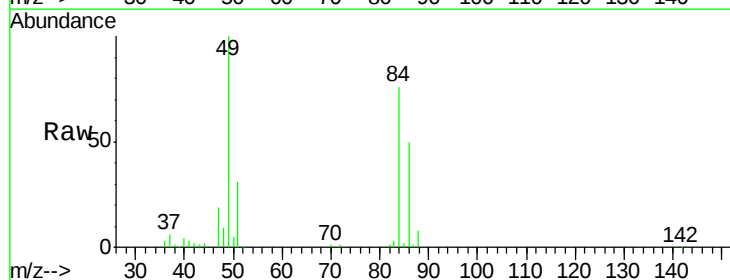
Ion Ratio Lower Upper

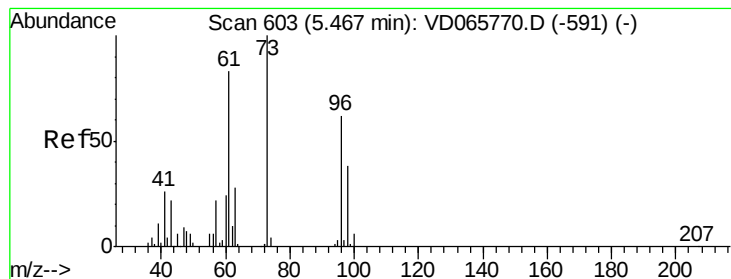
84 100

49 131.8 103.4 155.0

51 40.3 31.4 47.2

86 65.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 48.538 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

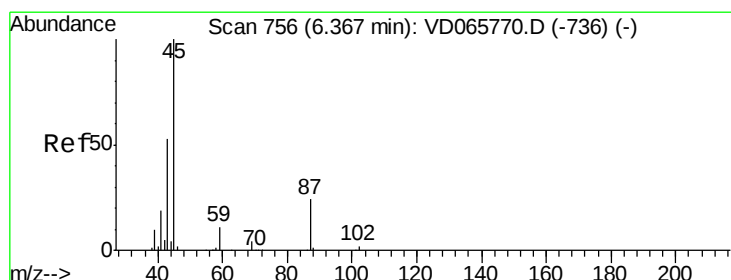
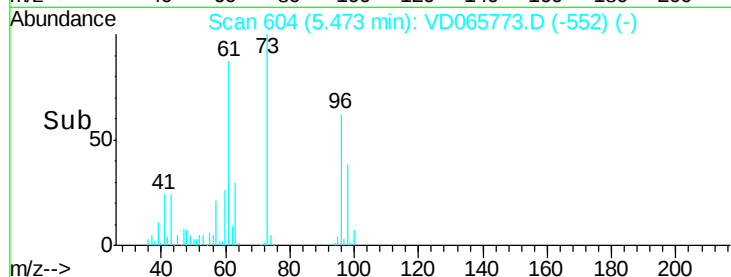
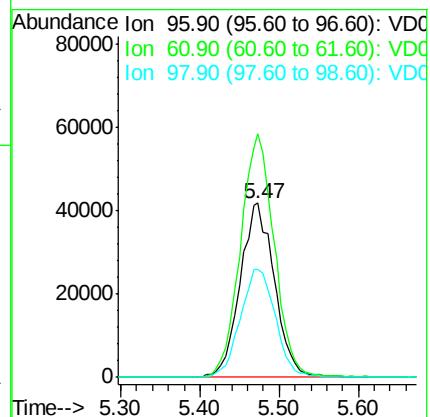
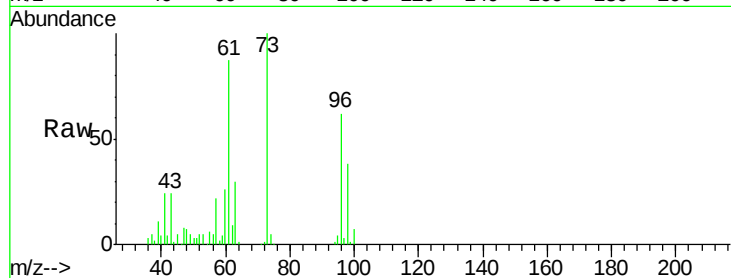
Tgt Ion: 96 Resp: 125428

Ion Ratio Lower Upper

96 100

61 139.7 107.7 161.5

98 61.6 49.3 73.9



#22

Diisopropyl ether

Concen: 49.537 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Tgt Ion: 45 Resp: 365031

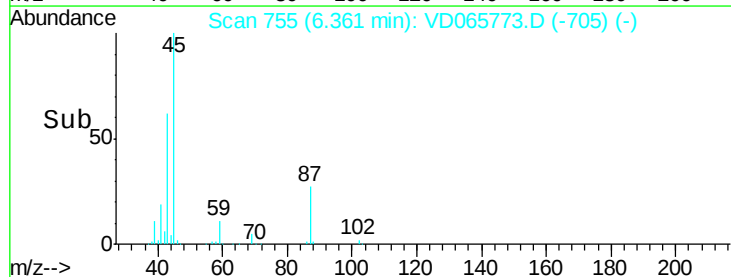
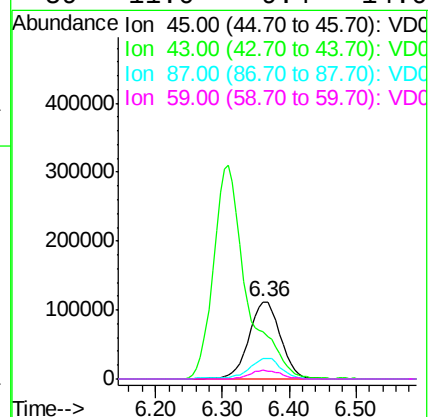
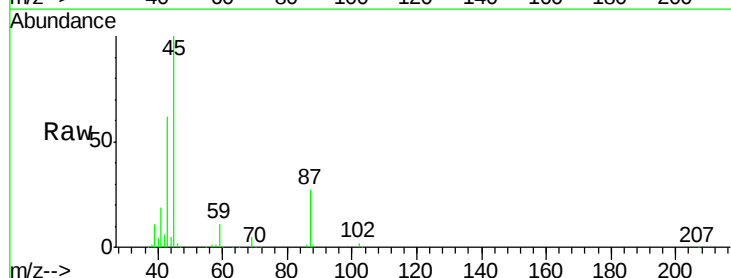
Ion Ratio Lower Upper

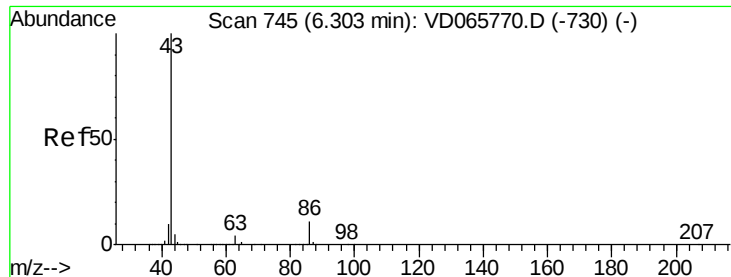
45 100

43 61.2 43.4 65.0

87 26.8 20.2 30.4

59 11.0 9.4 14.0

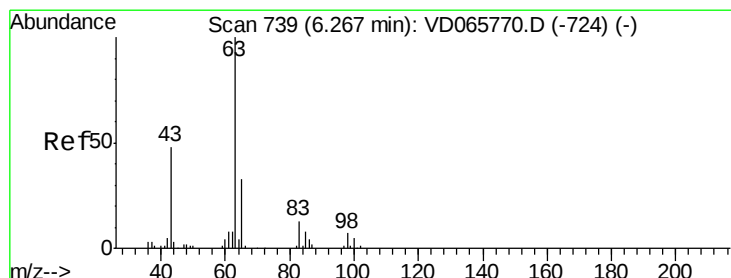
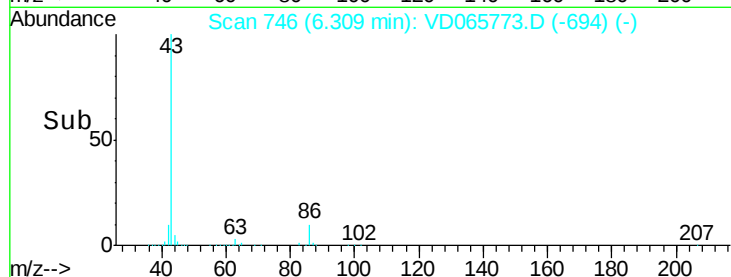
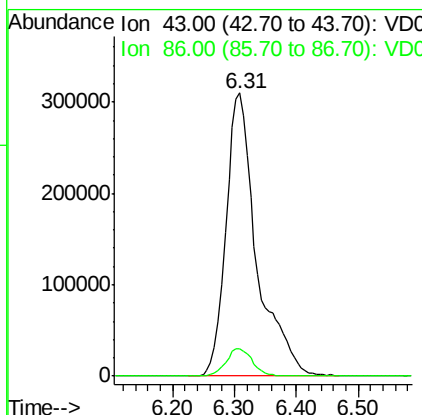
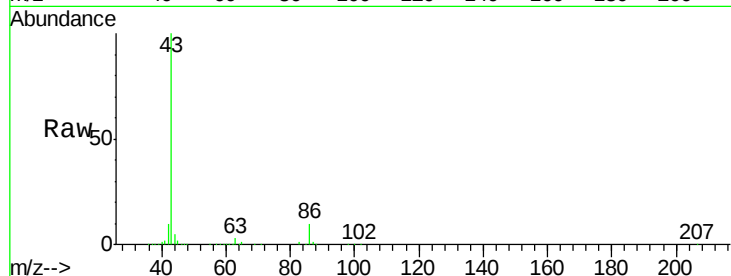




#23
 Vinyl Acetate
 Concen: 257.677 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

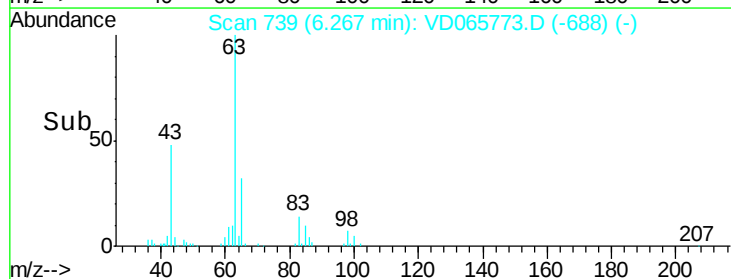
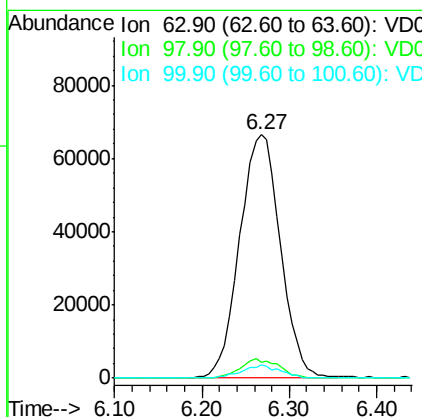
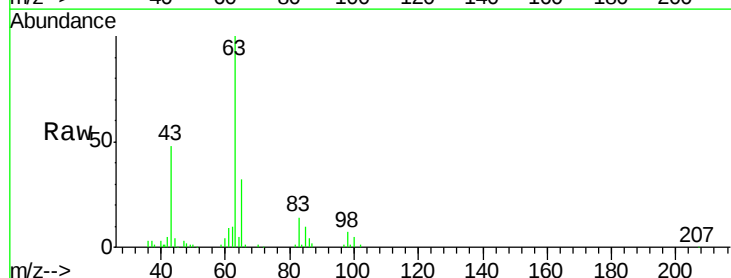
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

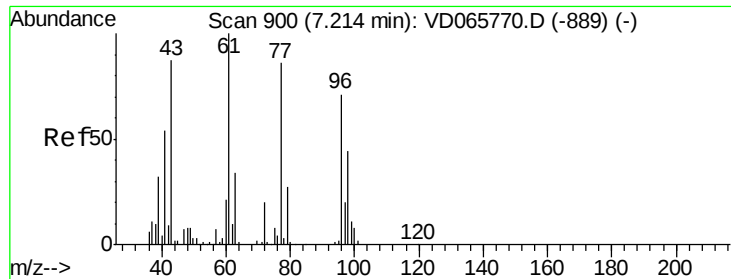
Tgt Ion: 43 Resp: 1072209
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 46.957 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 63 Resp: 210829
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 5.2 2.3 6.9





#25

2-Butanone

Concen: 253.038 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

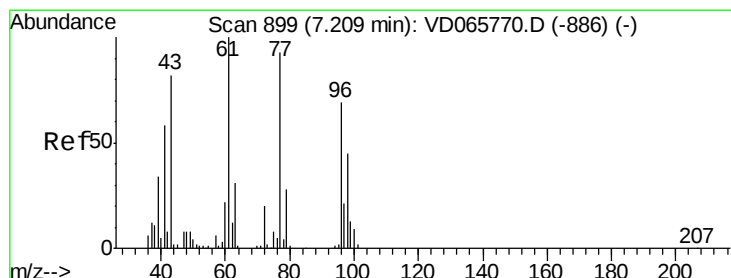
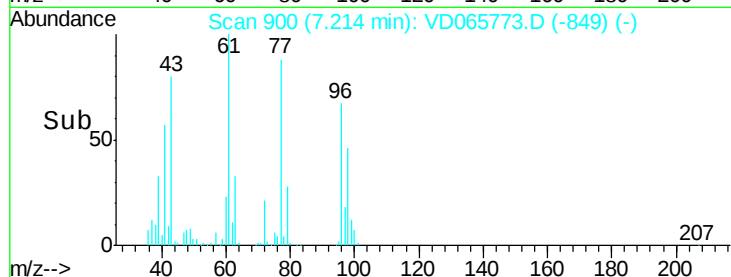
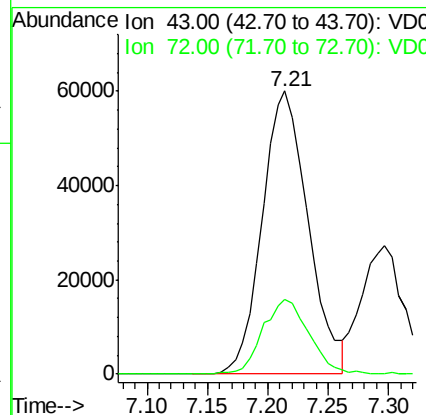
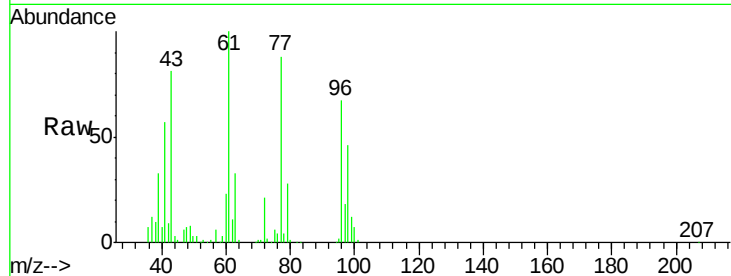
ICVVD060520

Tgt Ion: 43 Resp: 158212

Ion Ratio Lower Upper

43 100

72 26.3 18.5 27.7



#26

2,2-Dichloropropane

Concen: 49.408 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065773.D

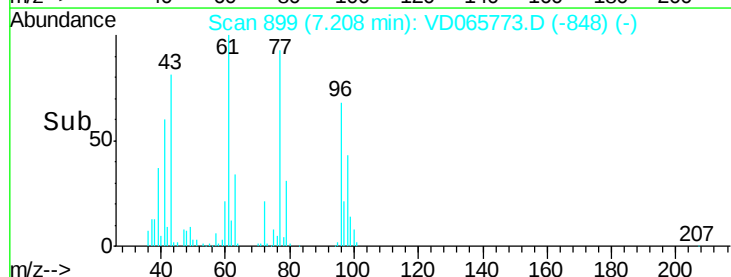
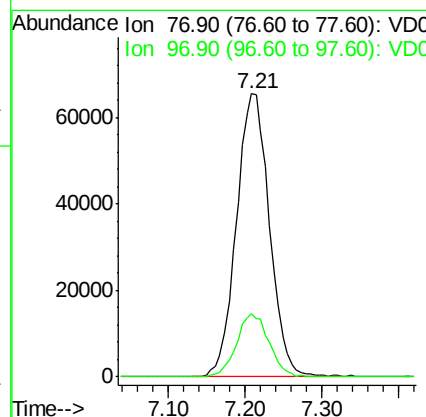
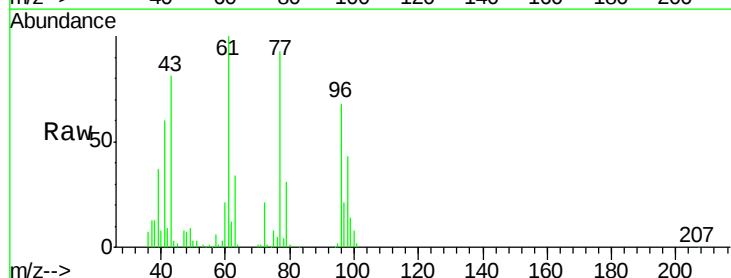
Acq: 05 Jun 2020 13:40

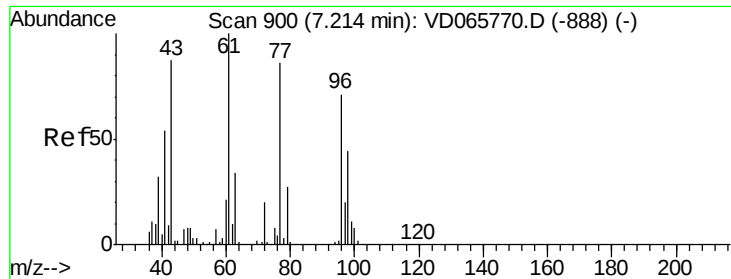
Tgt Ion: 77 Resp: 196693

Ion Ratio Lower Upper

77 100

97 21.8 10.9 32.7



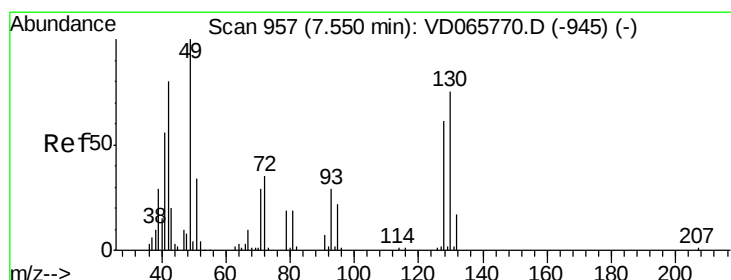
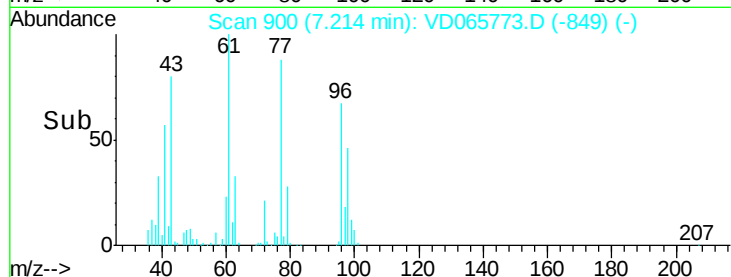
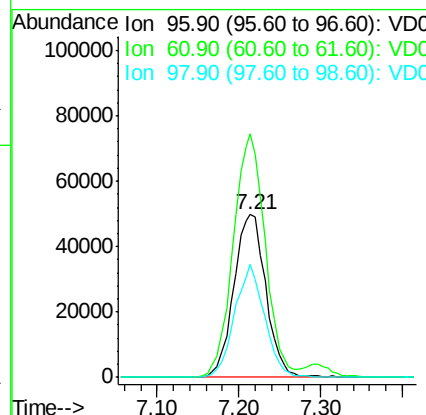
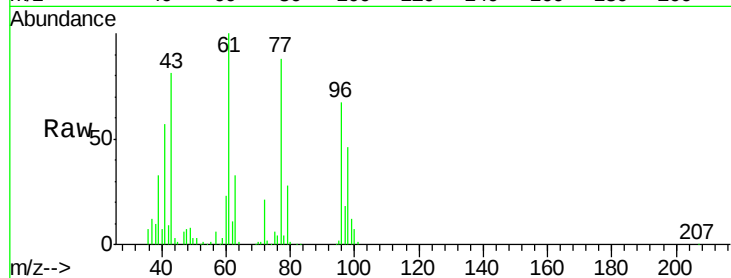


#27

cis-1,2-Dichloroethene
Concen: 48.955 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

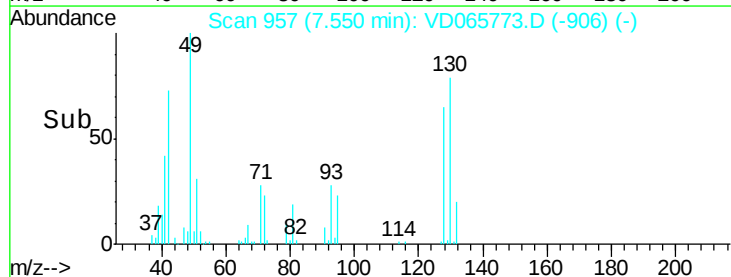
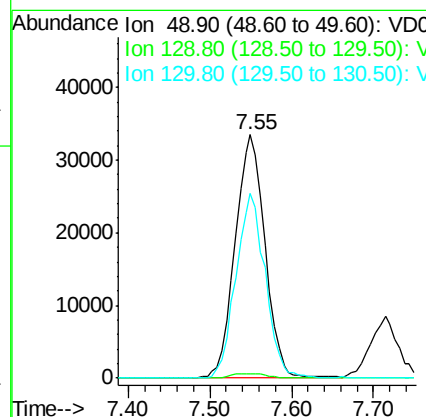
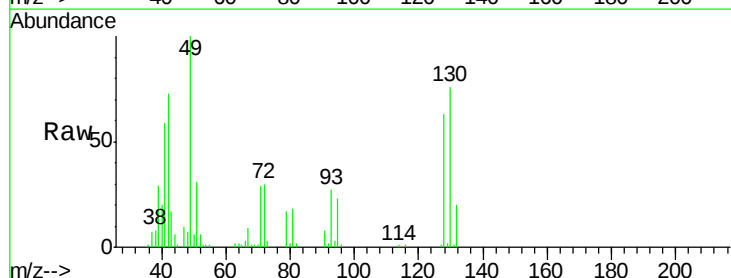
Tgt Ion: 96 Resp: 136080
Ion Ratio Lower Upper
96 100
61 148.2 0.0 291.2
98 64.3 0.0 128.8

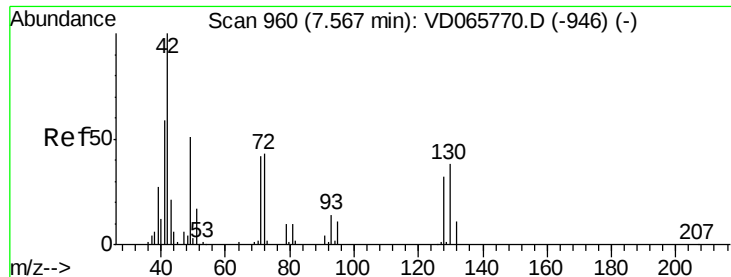


#28

Bromochloromethane
Concen: 49.042 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion: 49 Resp: 85042
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 74.8 59.5 89.3

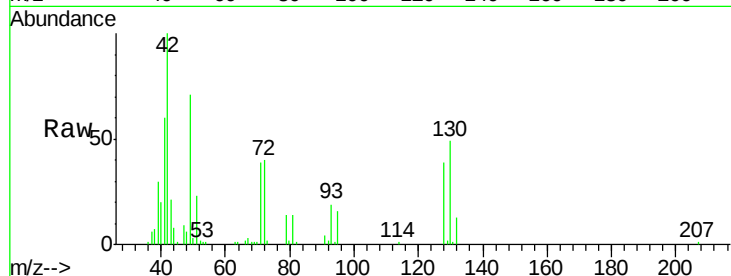




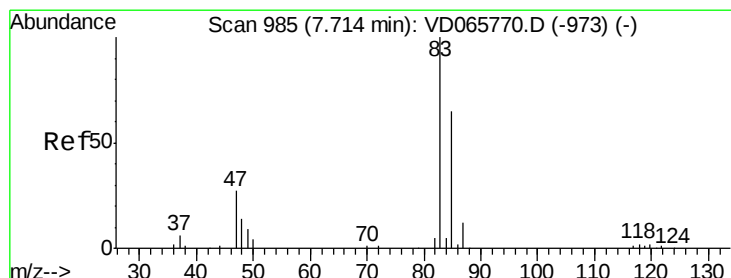
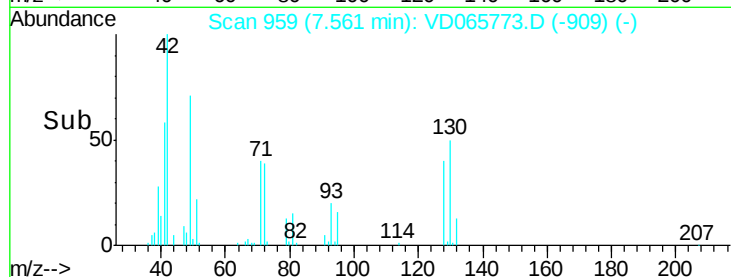
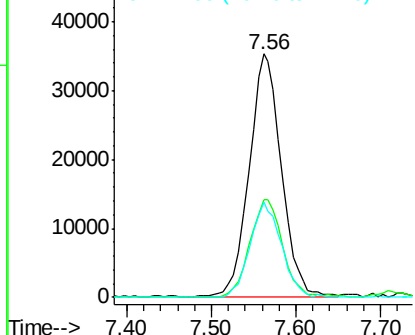
#29
Tetrahydrofuran
Concen: 238.778 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion: 42 Resp: 94358
Ion Ratio Lower Upper
42 100
72 41.0 34.9 52.3
71 37.5 31.2 46.8

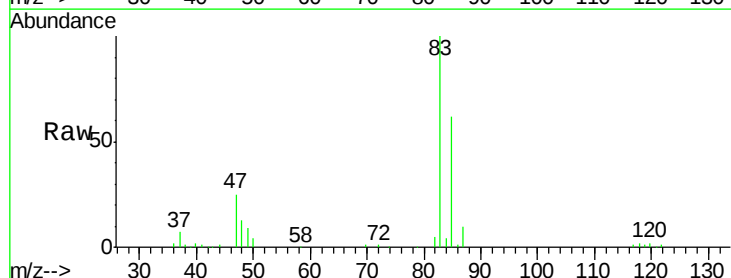


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

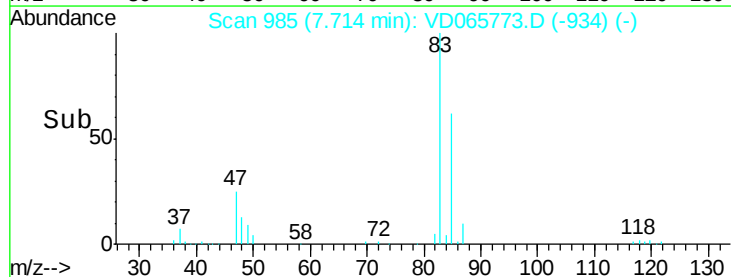
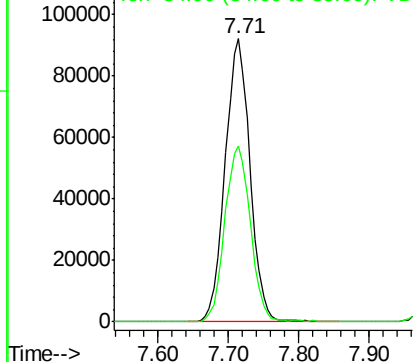


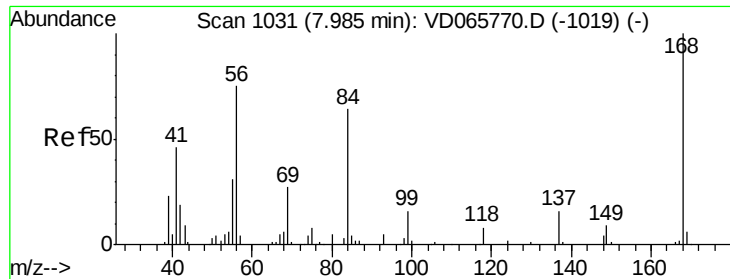
#30
Chloroform
Concen: 48.395 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion: 83 Resp: 225217
Ion Ratio Lower Upper
83 100
85 62.2 51.9 77.9



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

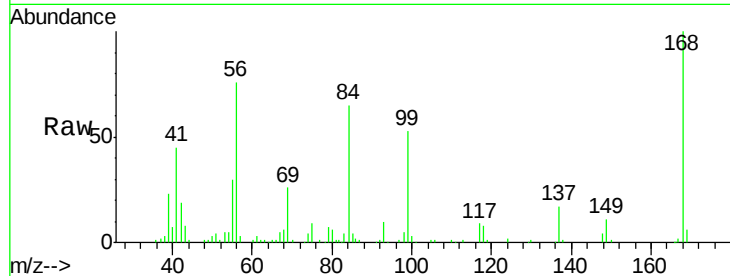




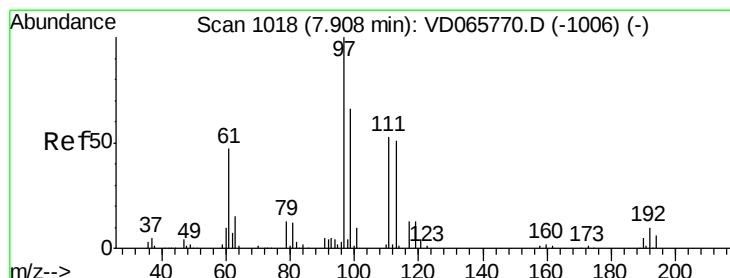
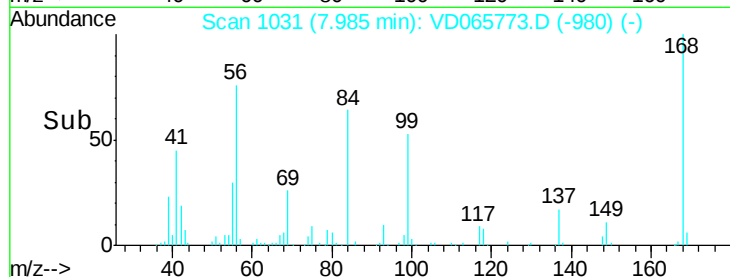
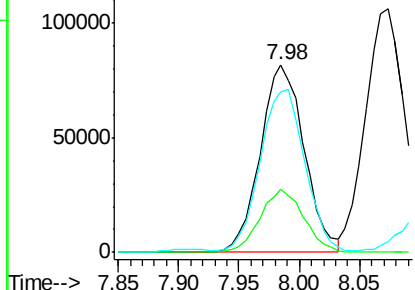
#31
Cyclohexane
Concen: 47.832 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion: 56 Resp: 205879
Ion Ratio Lower Upper
56 100
69 33.9 28.5 42.7
84 84.0 68.4 102.6

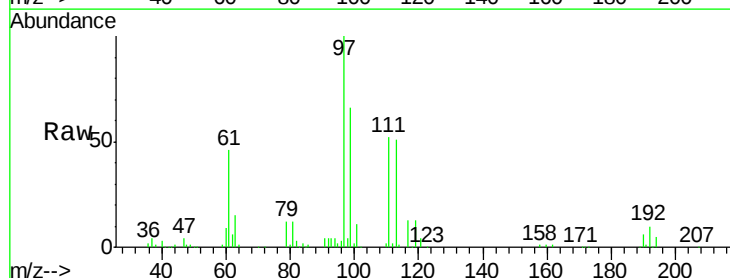


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

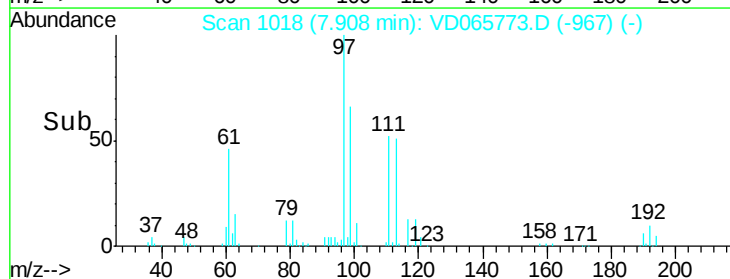
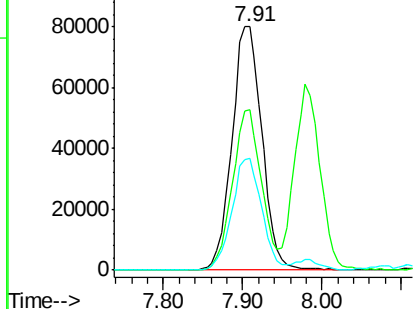


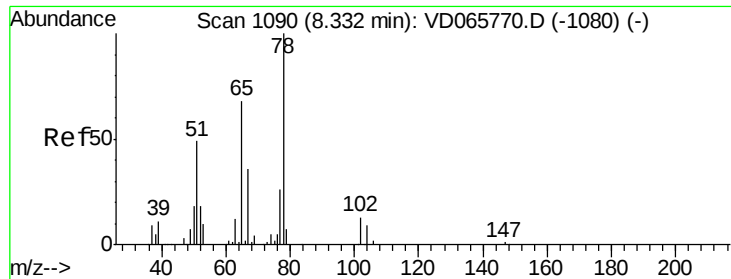
#32
1,1,1-Trichloroethane
Concen: 49.002 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion: 97 Resp: 209689
Ion Ratio Lower Upper
97 100
99 63.4 49.2 73.8
61 45.7 36.0 54.0



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

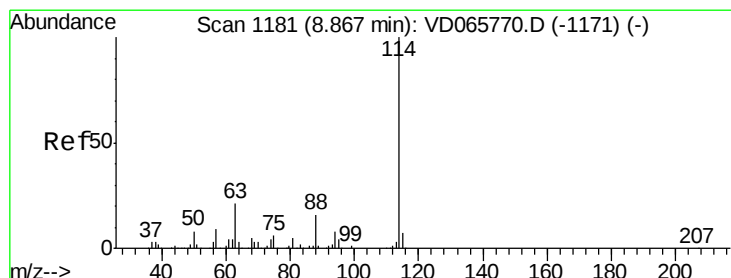
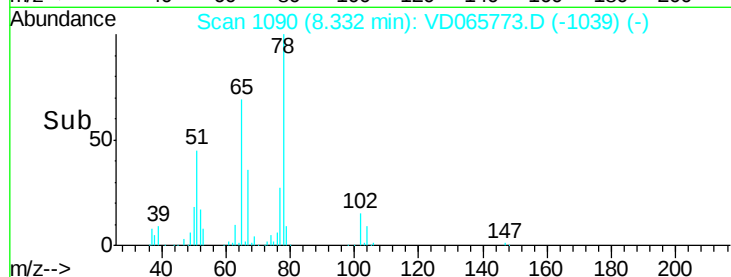
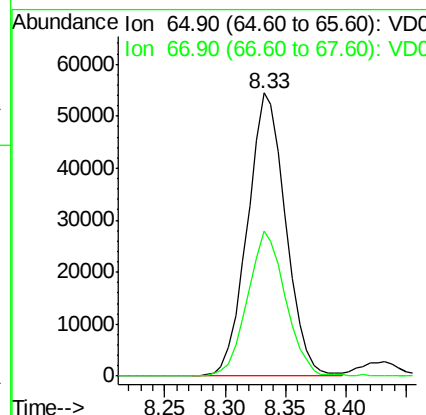
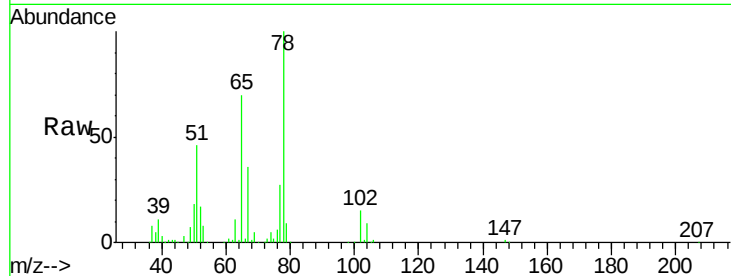




#33
 1,2-Dichloroethane-d4
 Concen: 50.022 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

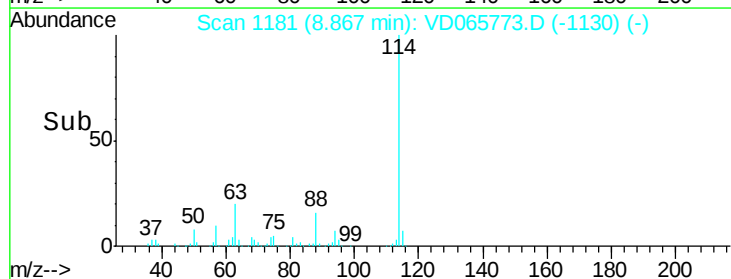
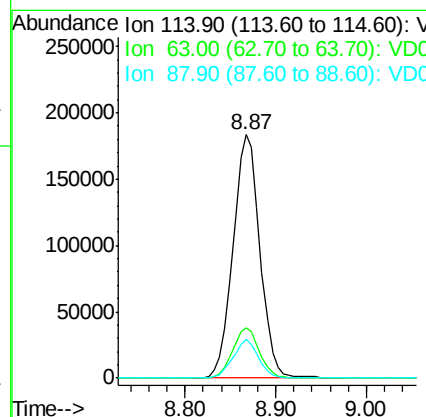
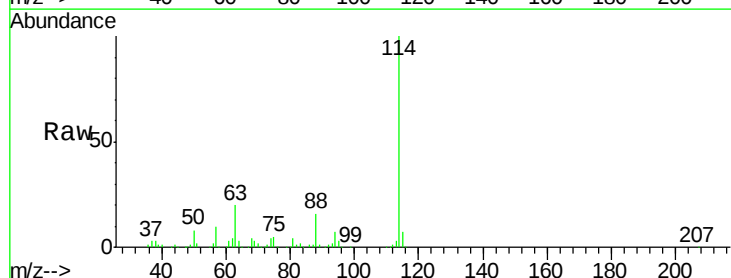
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

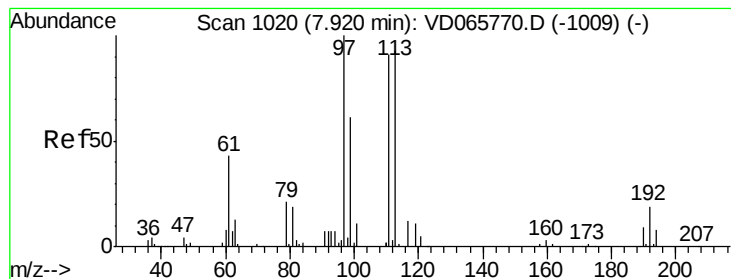
Tgt Ion: 65 Resp: 120056
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 114 Resp: 377687
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.8
 88 15.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.863 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

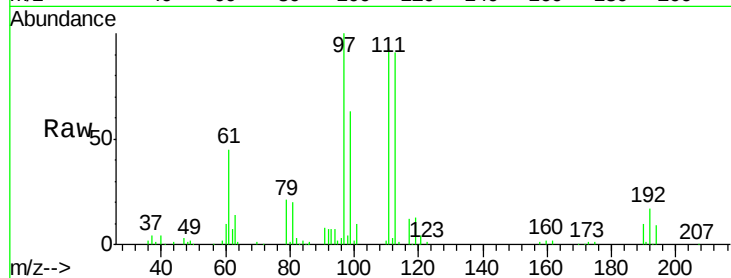
Tgt Ion:113 Resp: 118957

Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.0

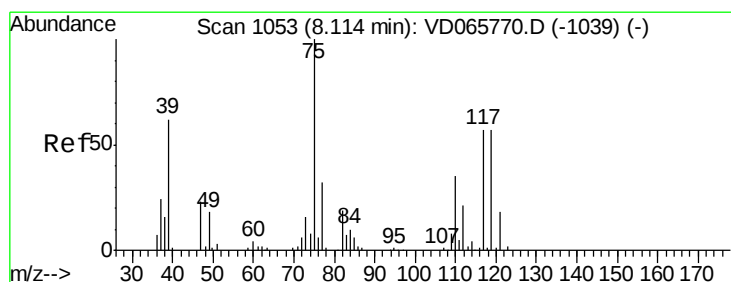
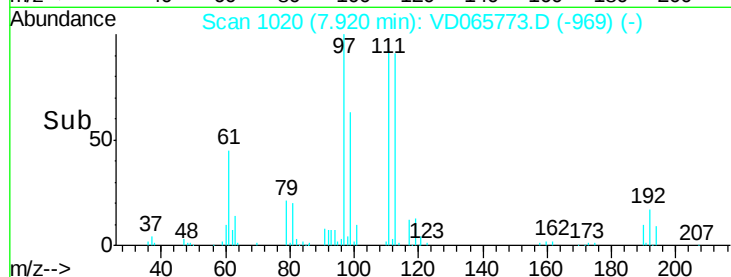
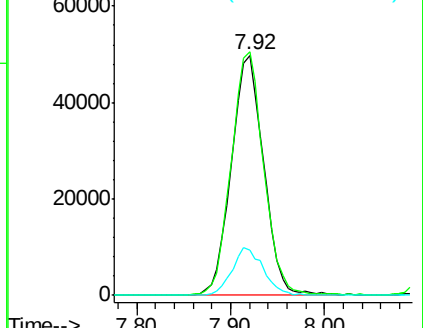
192 19.2 15.7 23.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.959 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

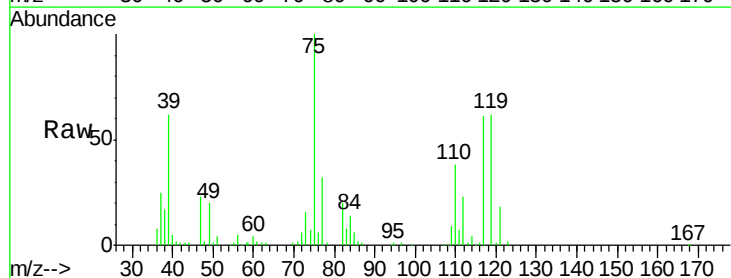
Tgt Ion: 75 Resp: 180751

Ion Ratio Lower Upper

75 100

110 36.0 17.6 52.8

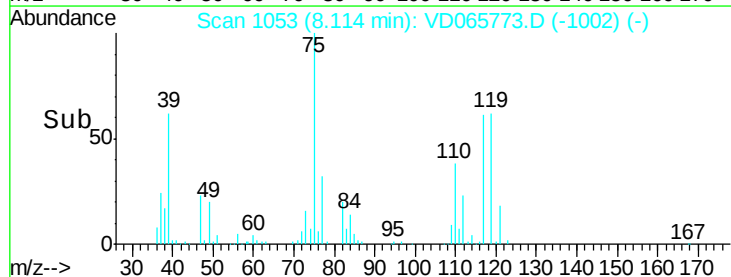
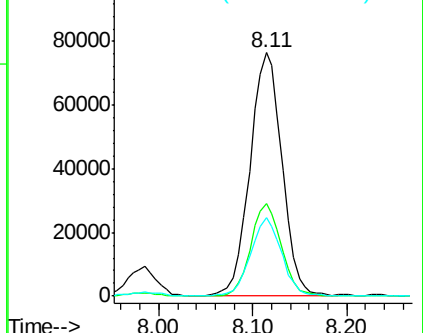
77 31.0 25.1 37.7

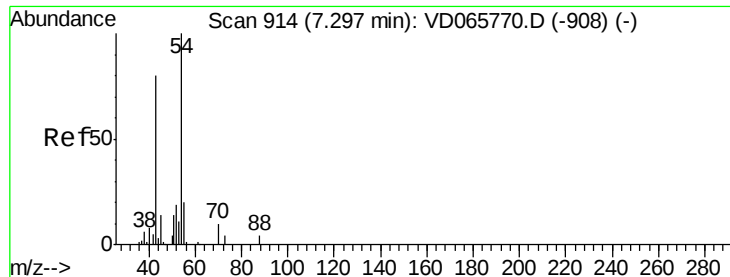


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

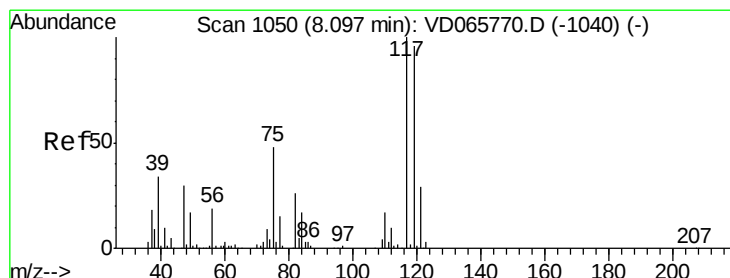
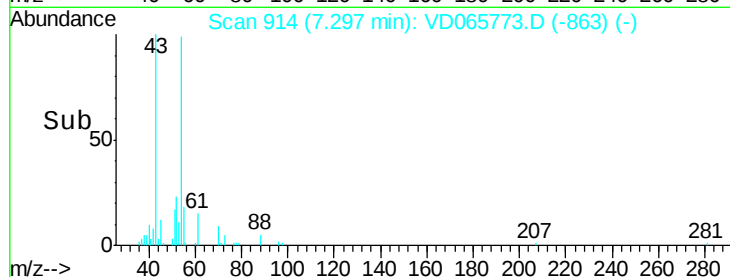
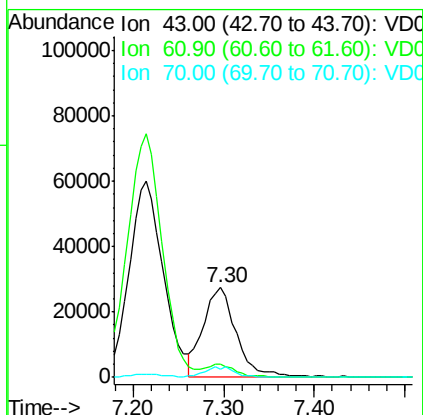
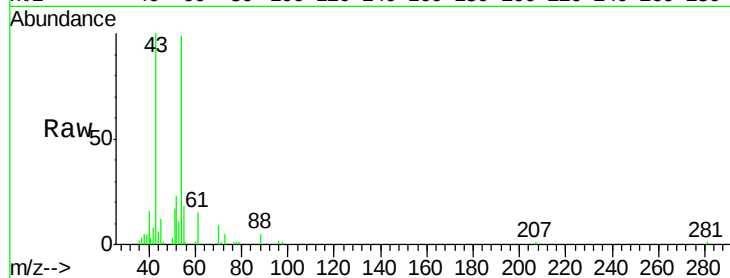




#37
 Ethyl Acetate
 Concen: 48.073 ug/l
 RT: 7.30 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

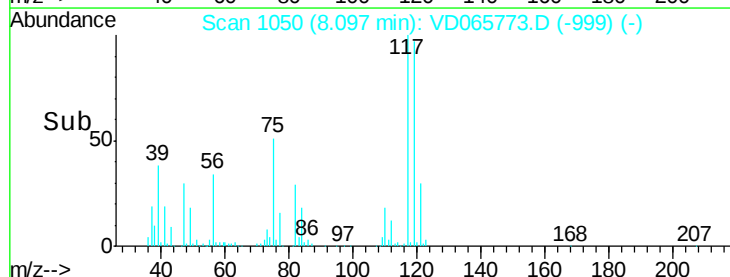
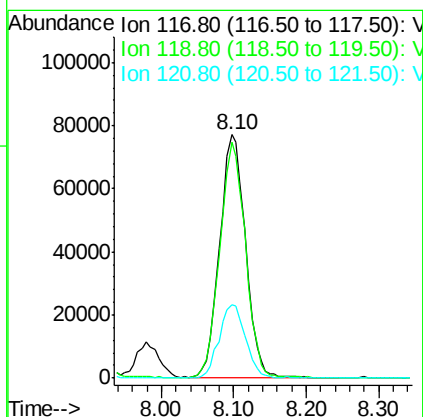
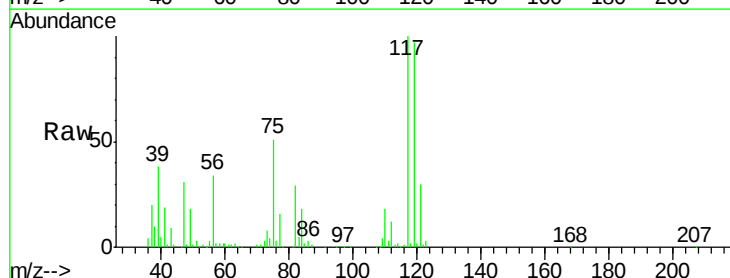
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

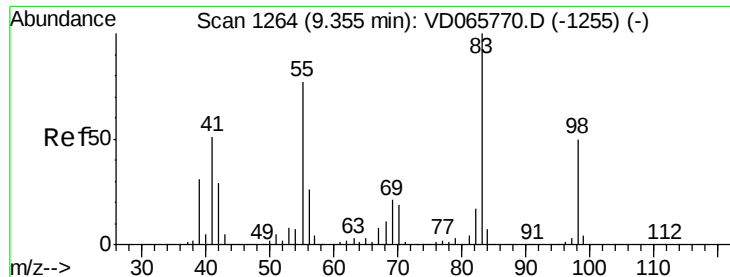
Tgt Ion: 43 Resp: 68508
 Ion Ratio Lower Upper
 43 100
 61 13.7 10.6 15.8
 70 10.2 7.5 11.3



#38
 Carbon Tetrachloride
 Concen: 50.570 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 117 Resp: 192551
 Ion Ratio Lower Upper
 117 100
 119 96.8 76.8 115.2
 121 29.9 23.4 35.2

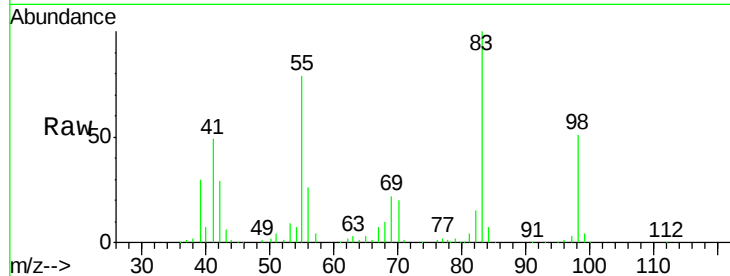




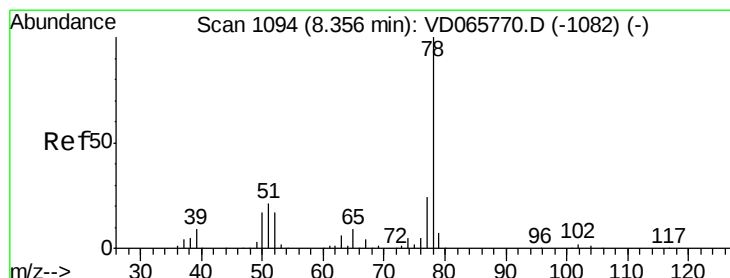
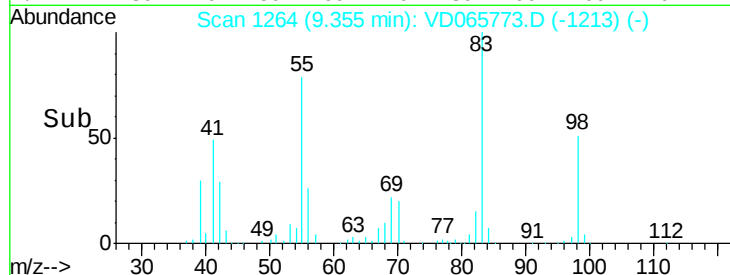
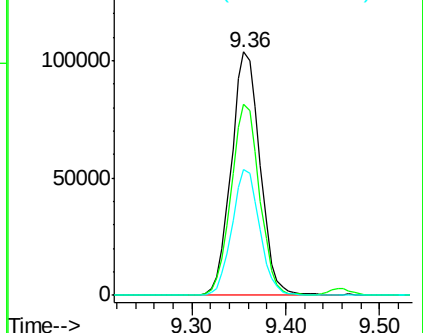
#39
Methylcyclohexane
Concen: 51.490 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion: 83 Resp: 220561
Ion Ratio Lower Upper
83 100
55 78.7 61.6 92.4
98 51.5 40.2 60.2

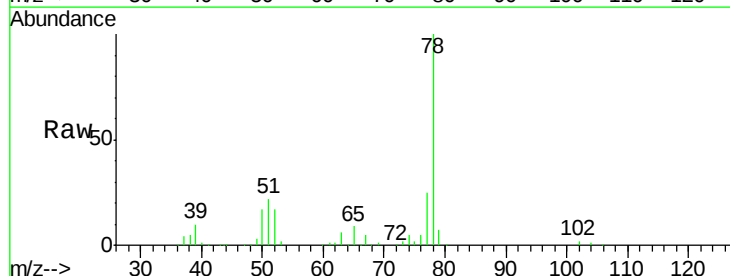


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

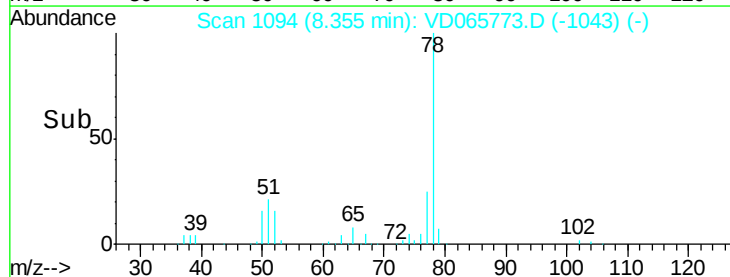
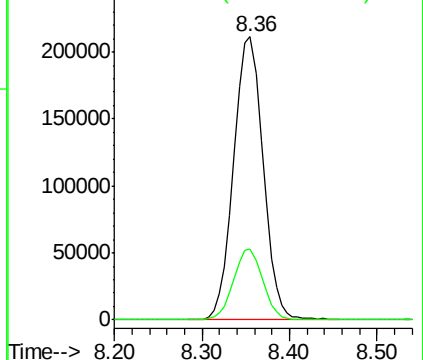


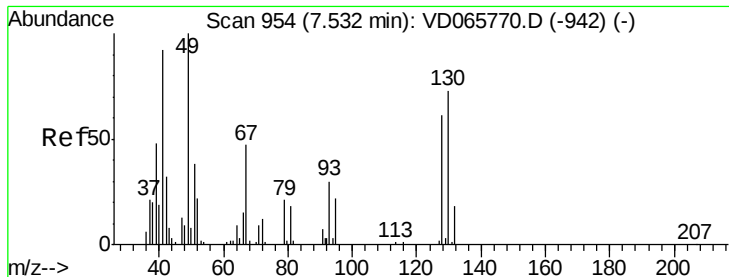
#40
Benzene
Concen: 48.904 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion: 78 Resp: 483703
Ion Ratio Lower Upper
78 100
77 25.0 19.2 28.8



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





#41

Methacrylonitrile

Concen: 113.417 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

Tgt Ion: 41 Resp: 96240

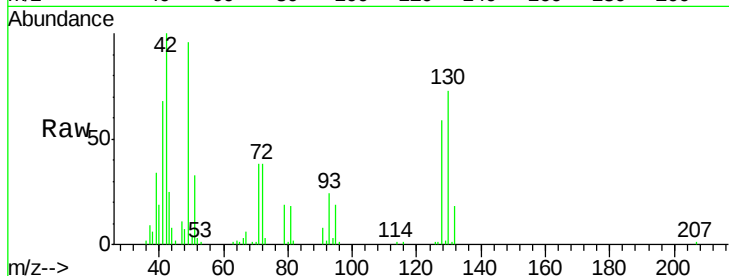
Ion Ratio Lower Upper

41 100

39 0.0 38.3 57.5#

67 0.0 49.8 74.6#

52 0.0 21.7 32.5#

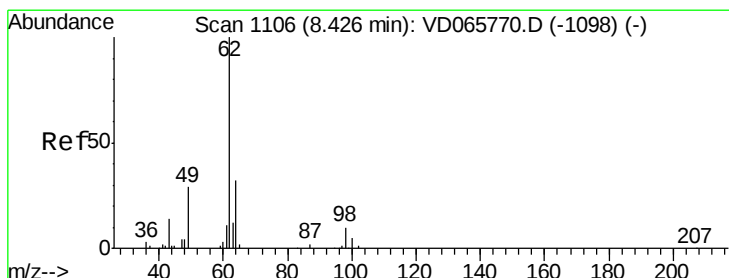
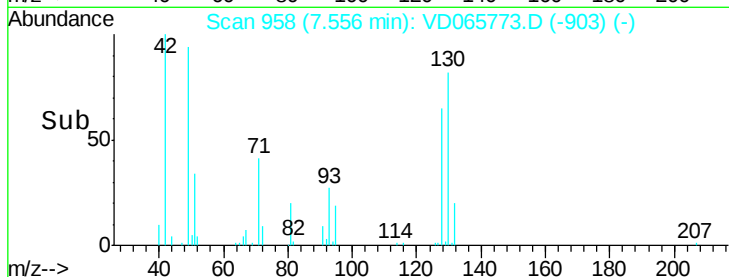
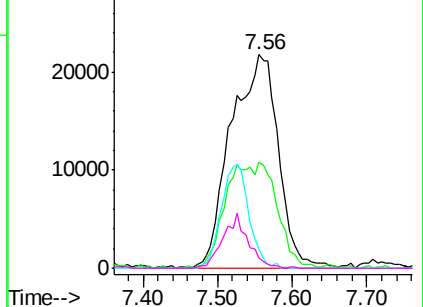


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 47.891 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD065773.D

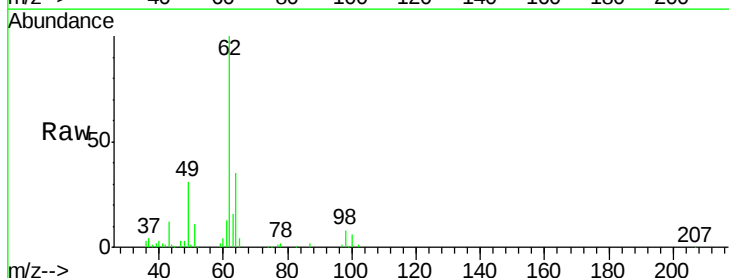
Acq: 05 Jun 2020 13:40

Tgt Ion: 62 Resp: 142924

Ion Ratio Lower Upper

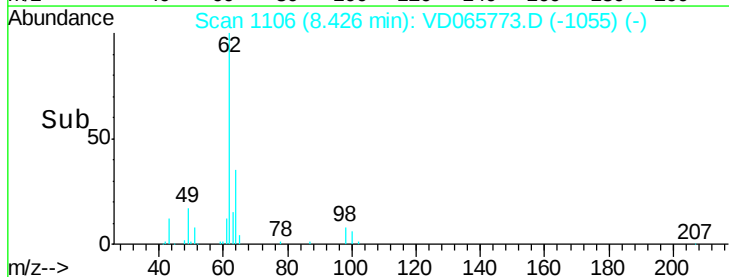
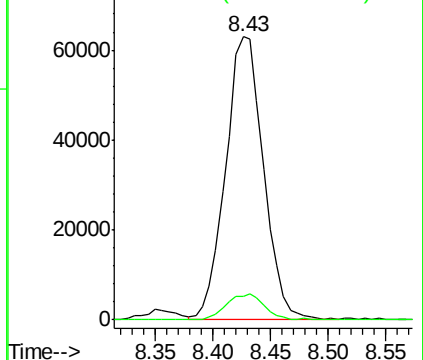
62 100

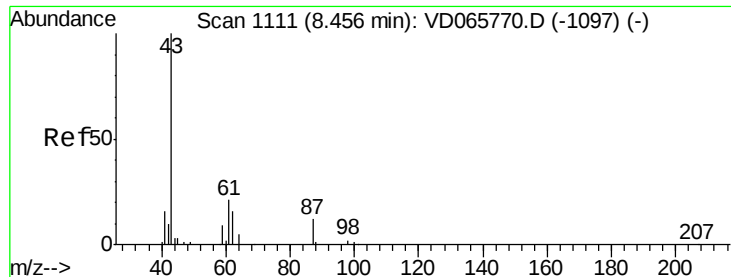
98 9.3 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

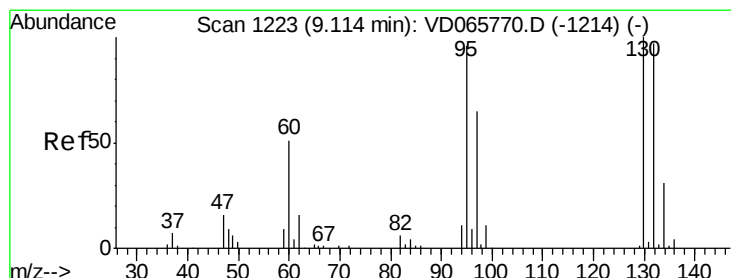
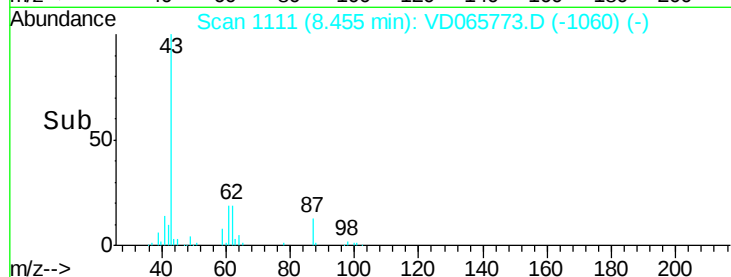
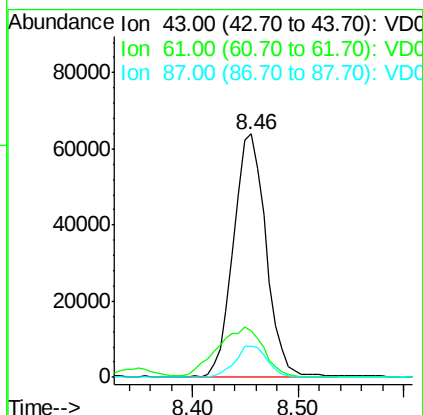
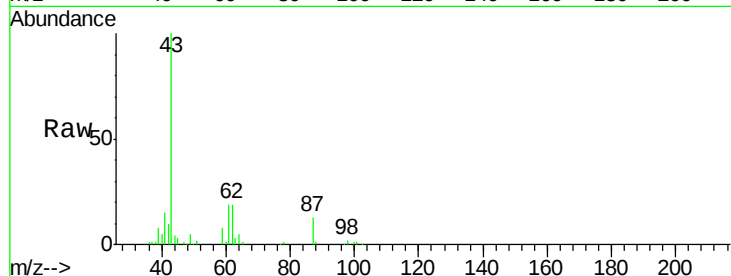




#43
Isopropyl Acetate
Concen: 48.373 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

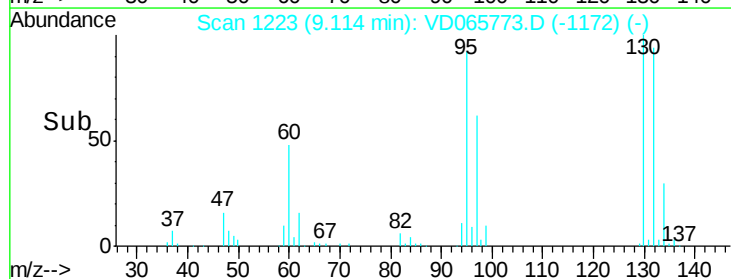
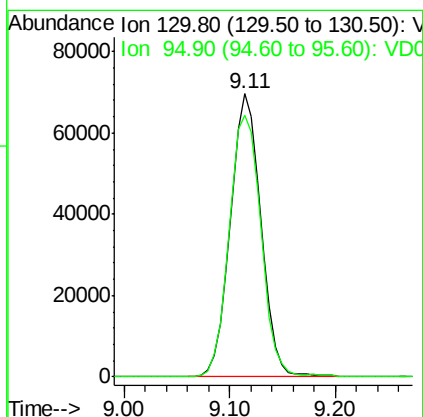
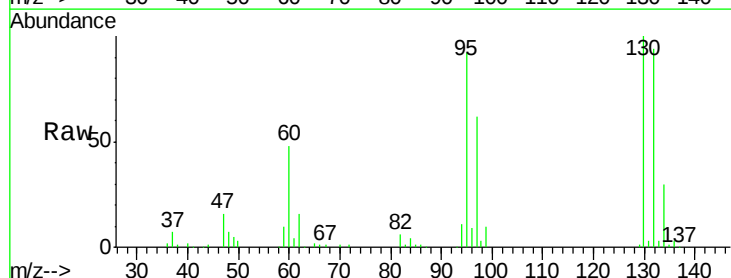
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

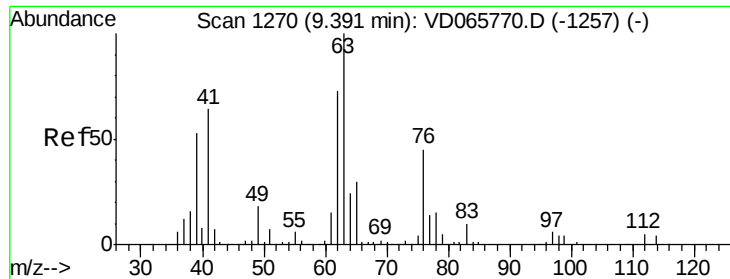
Tgt Ion: 43 Resp: 137079
Ion Ratio Lower Upper
43 100
61 29.5 24.2 36.4
87 12.8 9.5 14.3



#44
Trichloroethene
Concen: 50.531 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion: 130 Resp: 139087
Ion Ratio Lower Upper
130 100
95 92.5 0.0 192.8

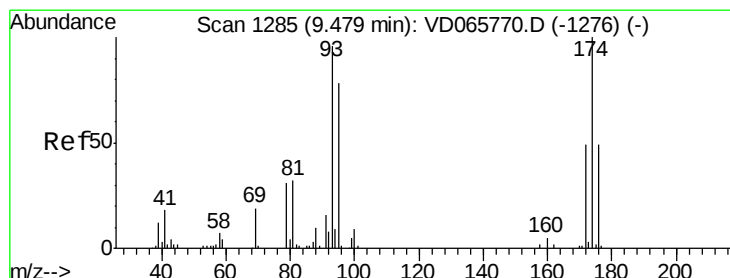
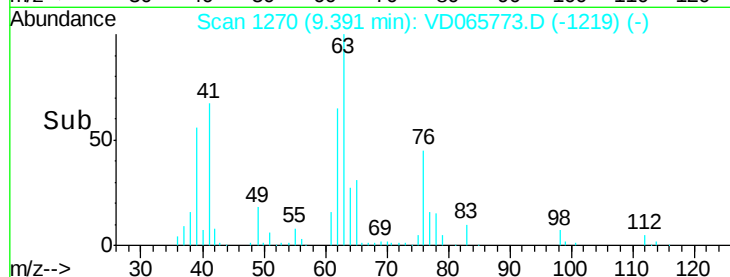
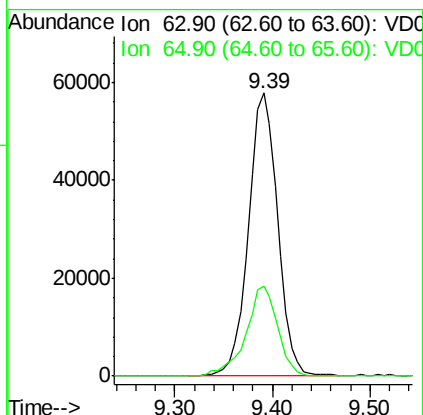
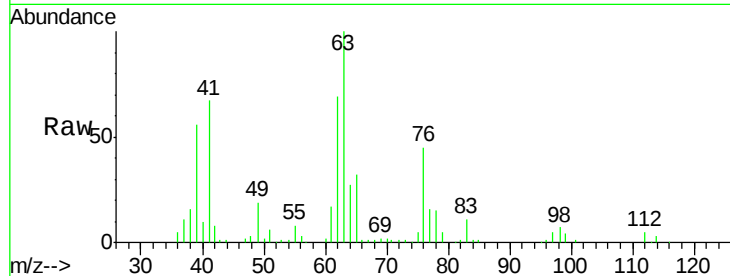




#45
 1,2-Dichloropropane
 Concen: 48.665 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

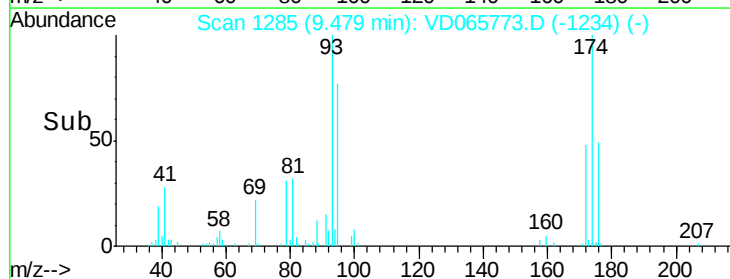
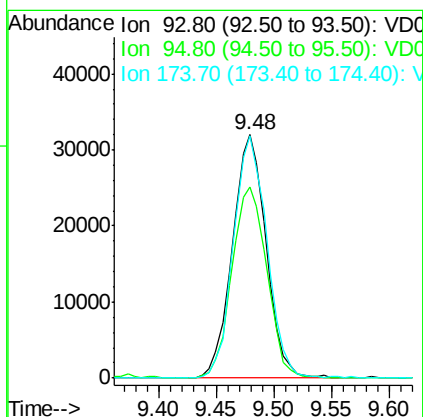
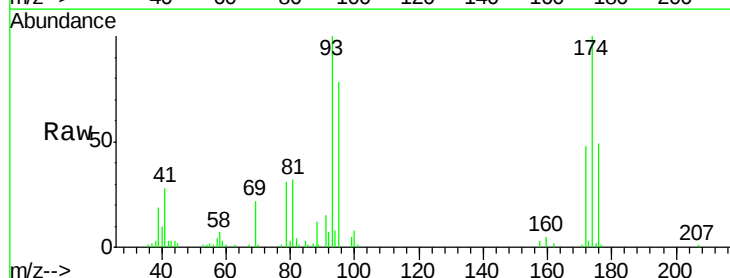
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

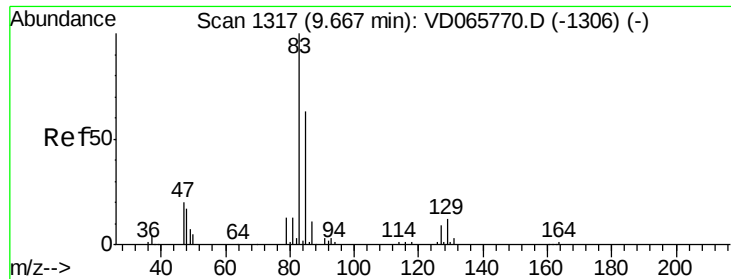
Tgt Ion: 63 Resp: 120944
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.2 36.2



#46
 Dibromomethane
 Concen: 47.913 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 93 Resp: 64580
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.8 98.6
 174 99.1 80.9 121.3

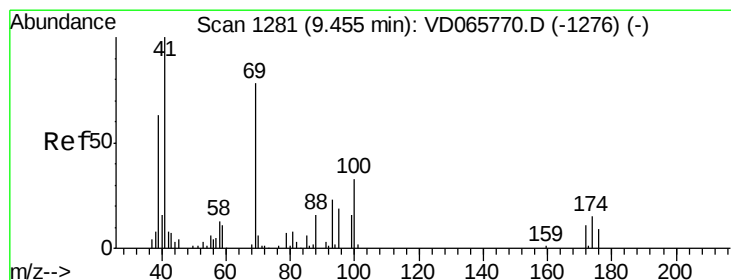
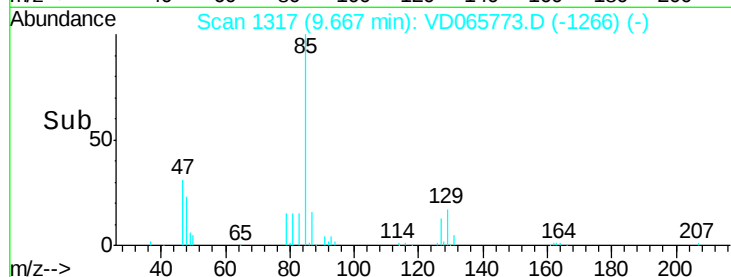
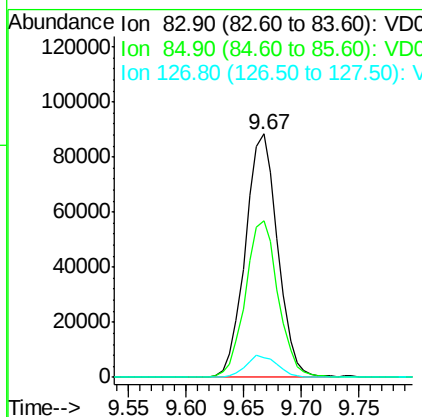
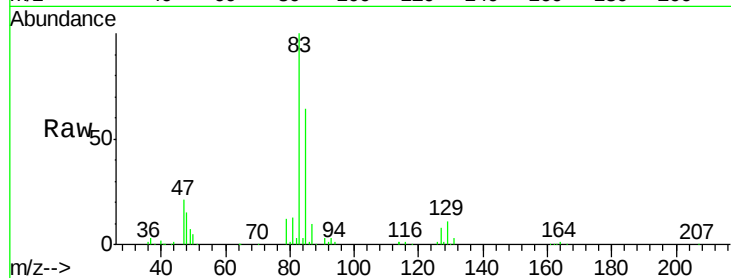




#47
 Bromodichloromethane
 Concen: 47.697 ug/l
 RT: 9.67 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

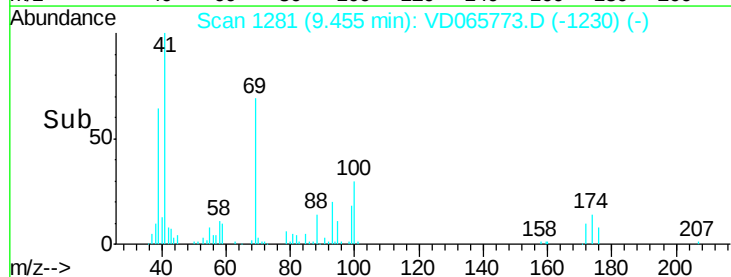
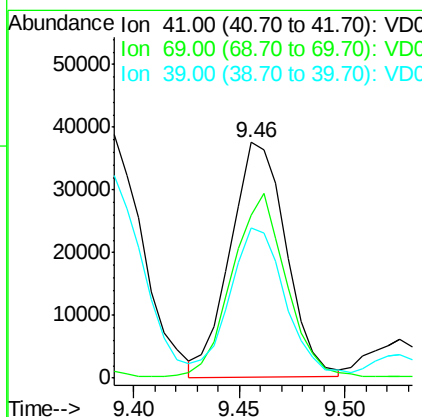
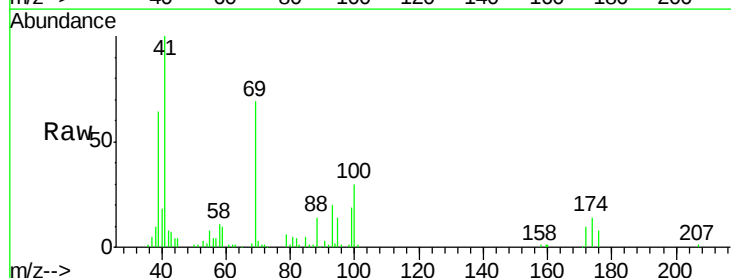
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

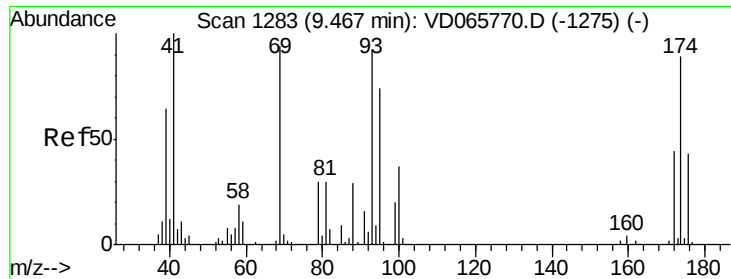
Tgt Ion: 83 Resp: 172274
 Ion Ratio Lower Upper
 83 100
 85 64.4 50.7 76.1
 127 8.1 7.1 10.7



#48
 Methyl methacrylate
 Concen: 50.115 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 41 Resp: 68742
 Ion Ratio Lower Upper
 41 100
 69 77.2 60.9 91.3
 39 59.1 48.1 72.1





#49

1,4-Dioxane

Concen: 950.270 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

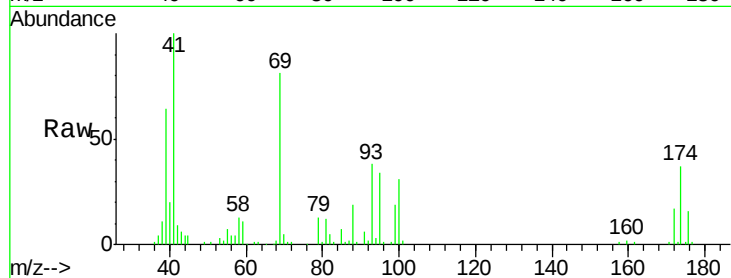
Tgt Ion: 88 Resp: 13633

Ion Ratio Lower Upper

88 100

43 37.5 32.2 48.4

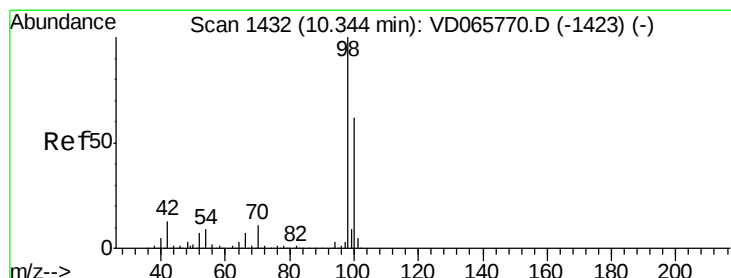
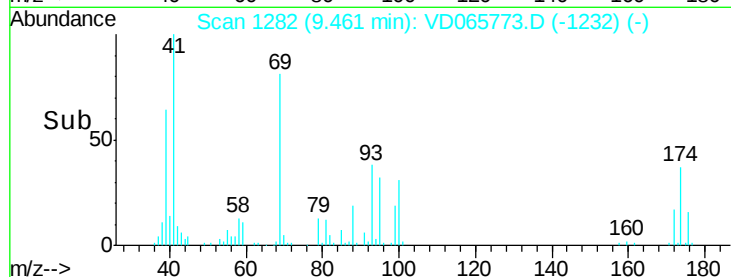
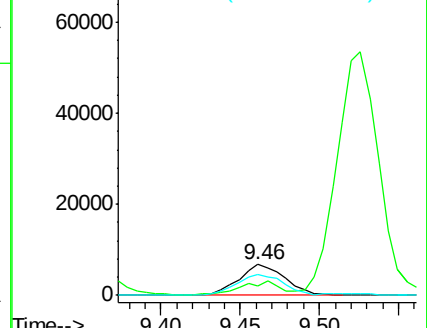
58 72.3 54.9 82.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 51.954 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065773.D

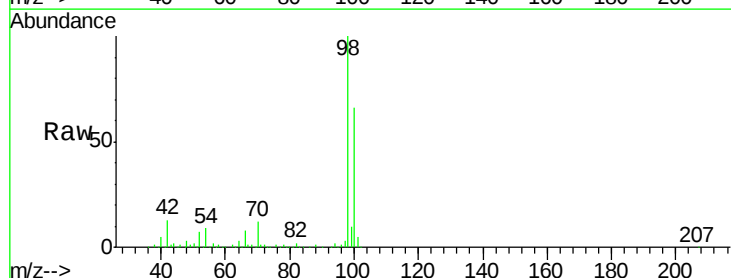
Acq: 05 Jun 2020 13:40

Tgt Ion: 98 Resp: 462183

Ion Ratio Lower Upper

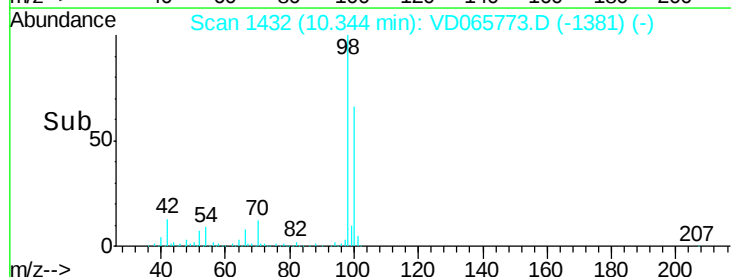
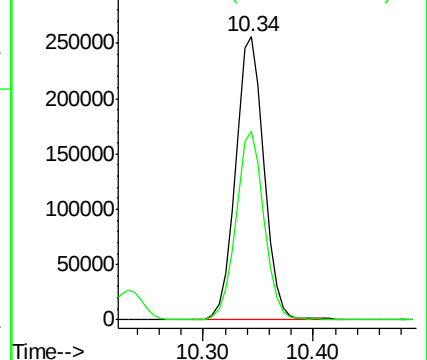
98 100

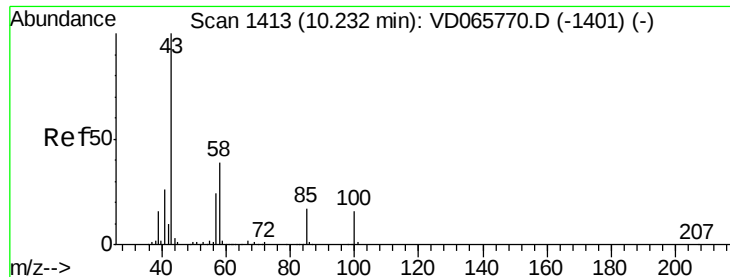
100 65.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

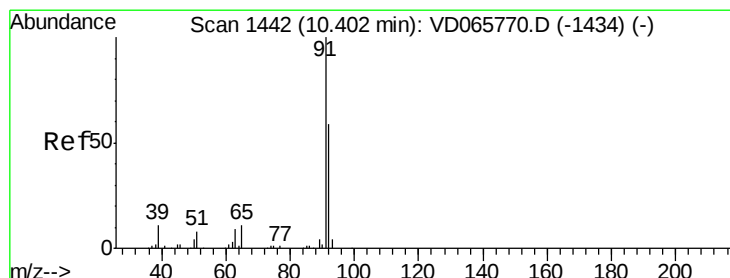
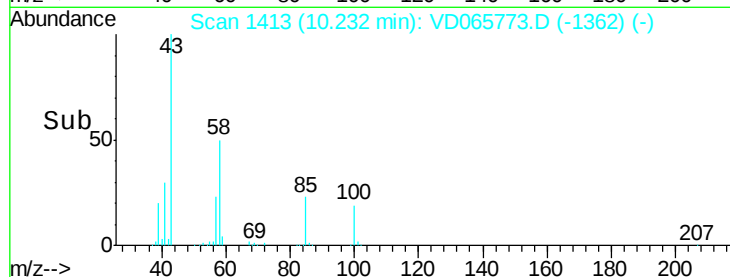
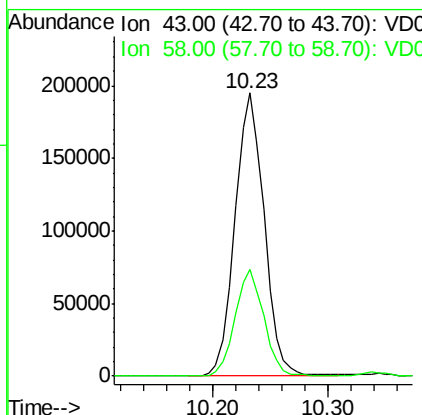
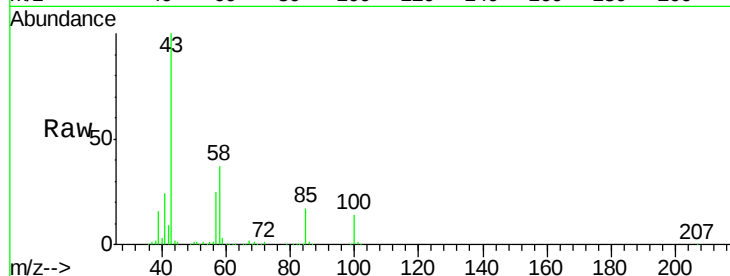




#51
 4-Methyl-2-Pentanone
 Concen: 246.063 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

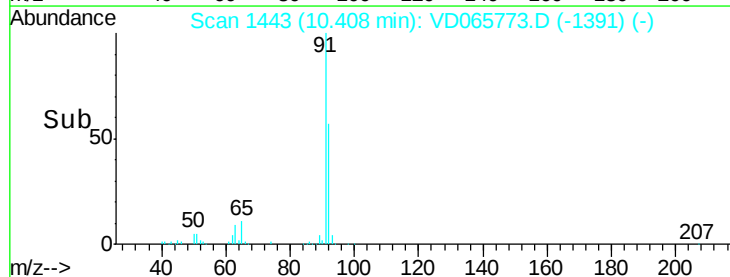
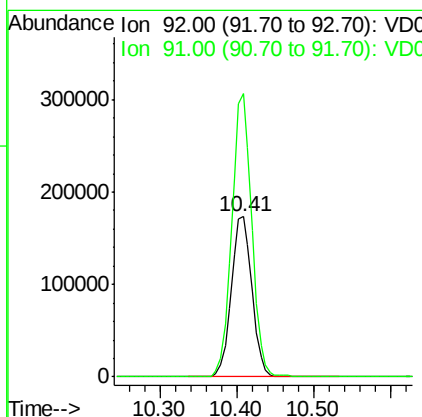
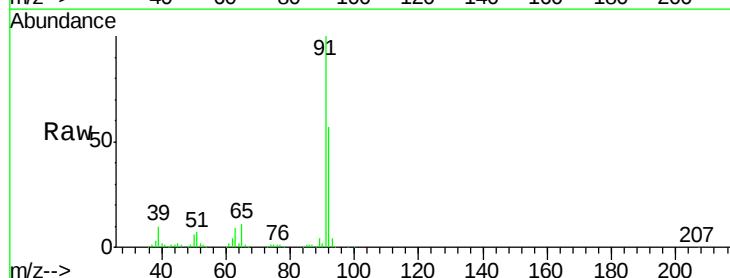
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

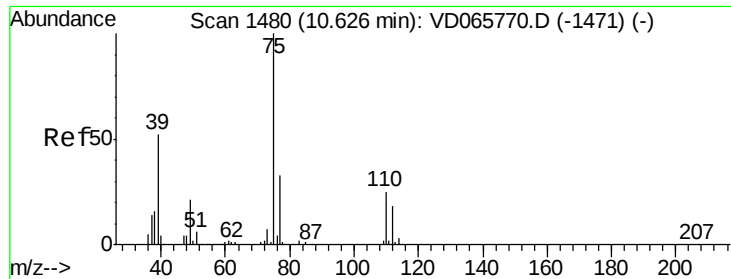
Tgt Ion: 43 Resp: 341680
 Ion Ratio Lower Upper
 43 100
 58 37.1 30.7 46.1



#52
 Toluene
 Concen: 50.601 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 92 Resp: 325199
 Ion Ratio Lower Upper
 92 100
 91 171.0 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 50.122 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

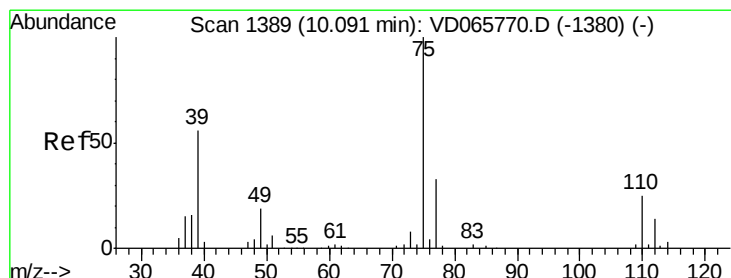
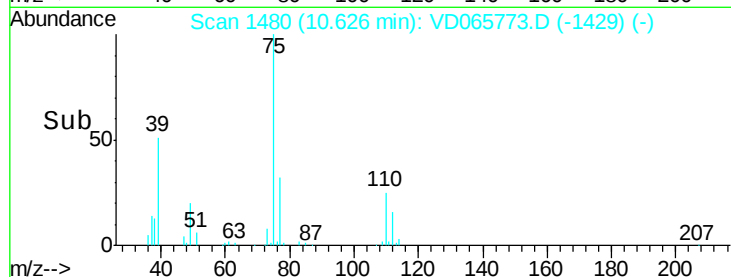
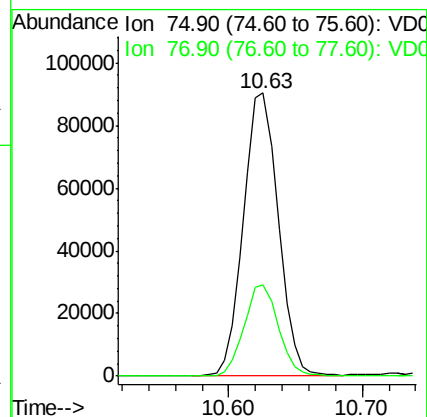
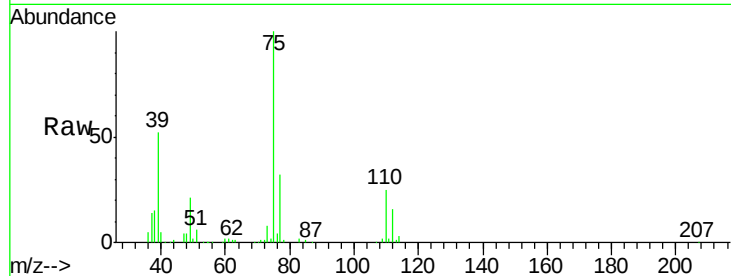
ICVVD060520

Tgt Ion: 75 Resp: 163933

Ion Ratio Lower Upper

75 100

77 32.1 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 49.654 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

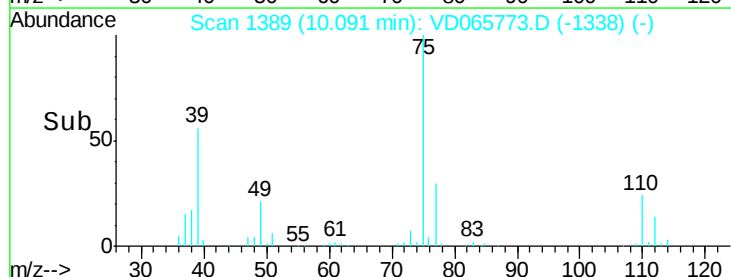
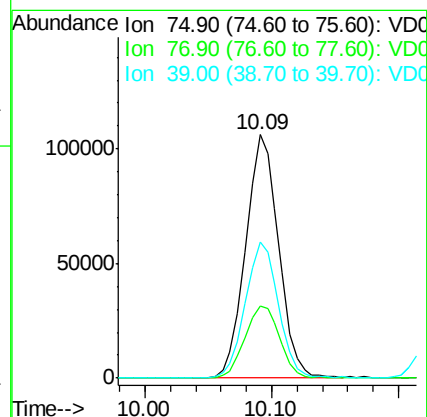
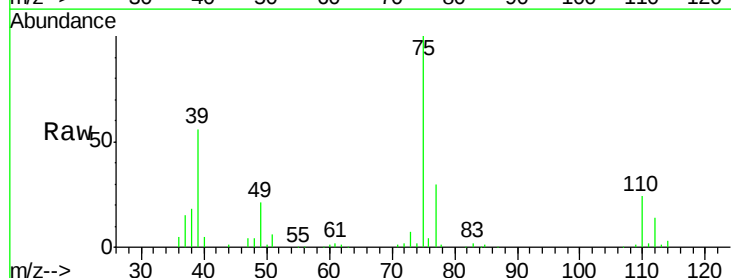
Tgt Ion: 75 Resp: 191802

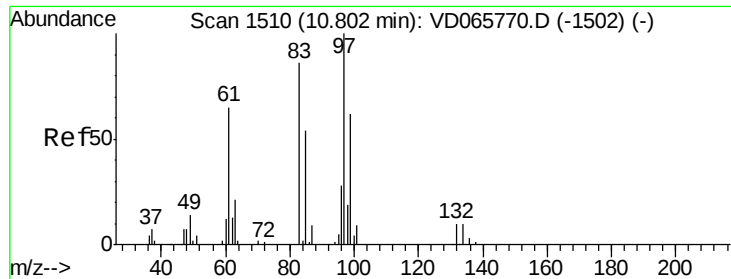
Ion Ratio Lower Upper

75 100

77 29.8 26.0 39.0

39 55.9 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 49.696 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

Tgt Ion: 97 Resp: 89501

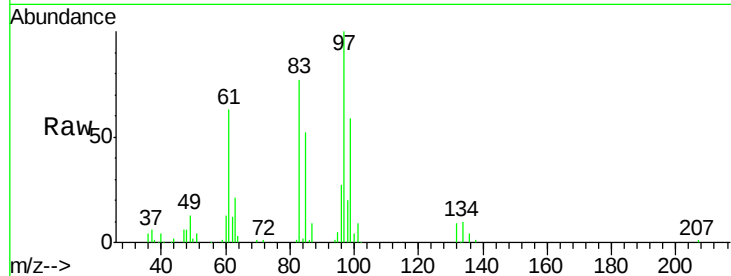
Ion Ratio Lower Upper

97 100

83 77.5 68.7 103.1

85 52.4 43.0 64.6

99 59.4 49.8 74.6

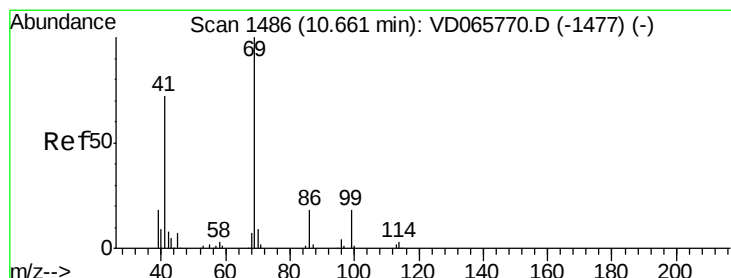
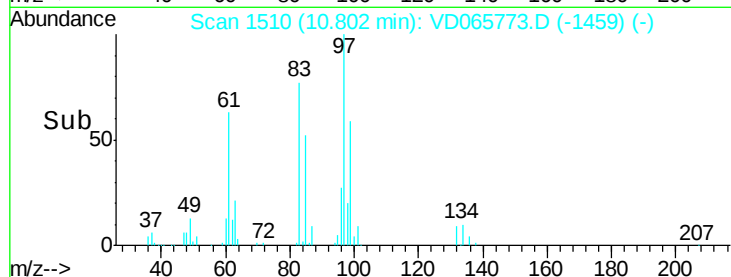
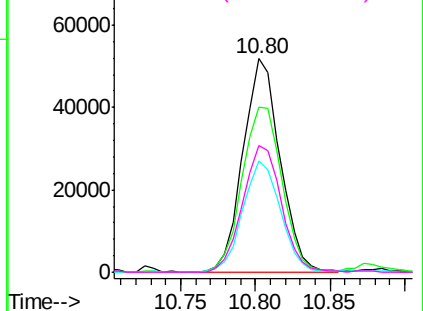


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 51.545 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

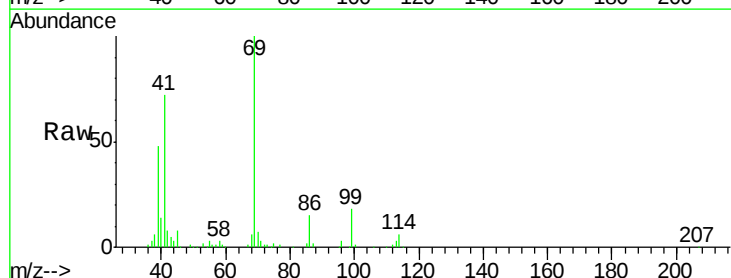
Tgt Ion: 69 Resp: 109188

Ion Ratio Lower Upper

69 100

41 70.2 56.9 85.3

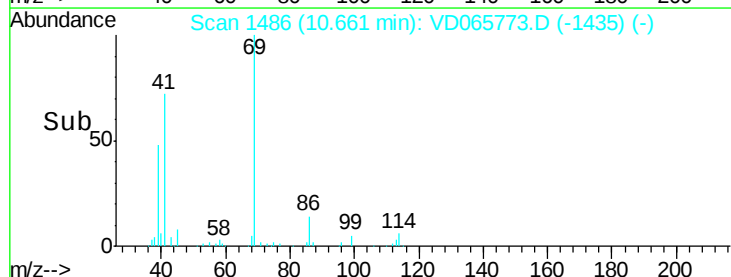
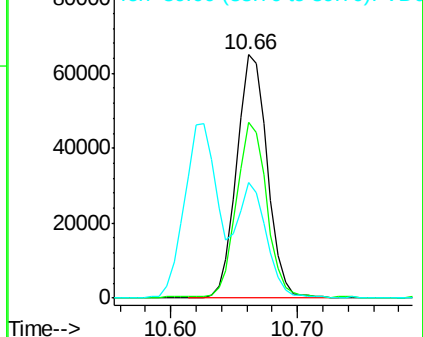
39 46.0 36.0 54.0

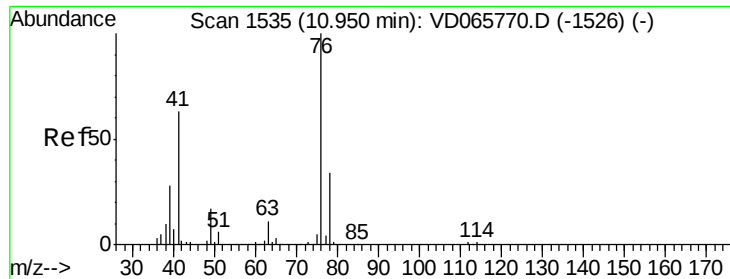


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

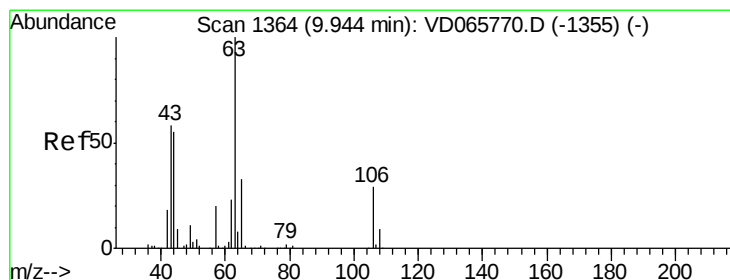
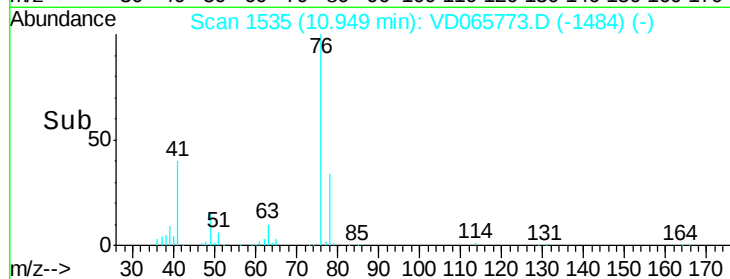
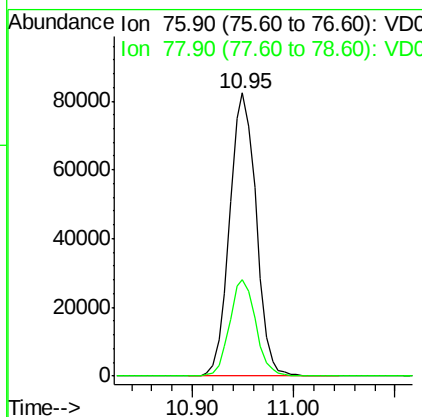
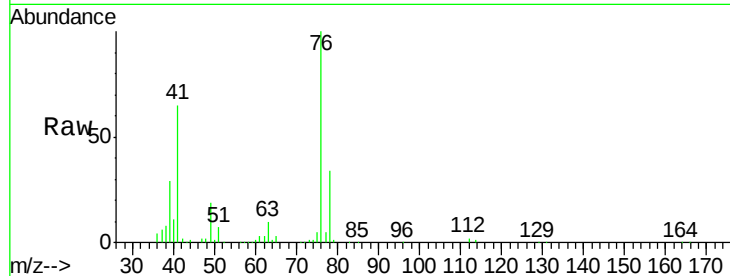




#57
 1,3-Dichloropropane
 Concen: 47.854 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

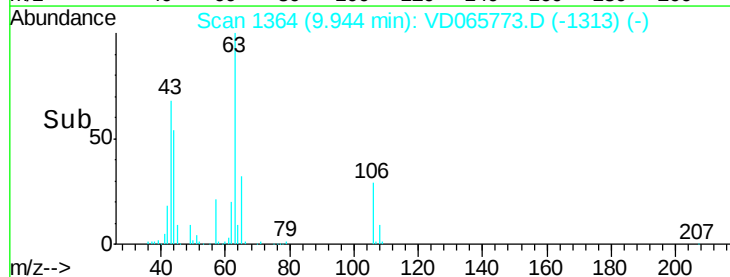
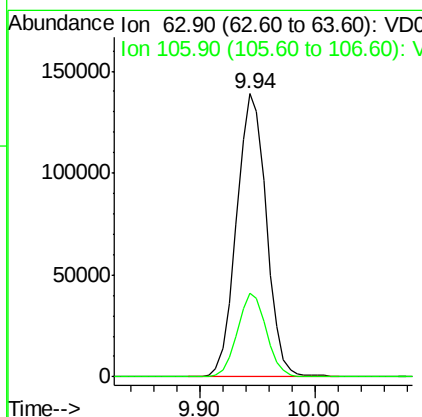
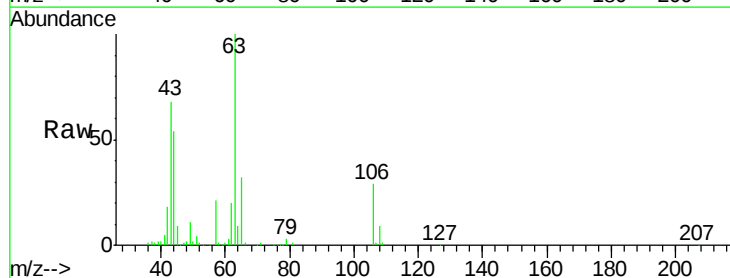
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

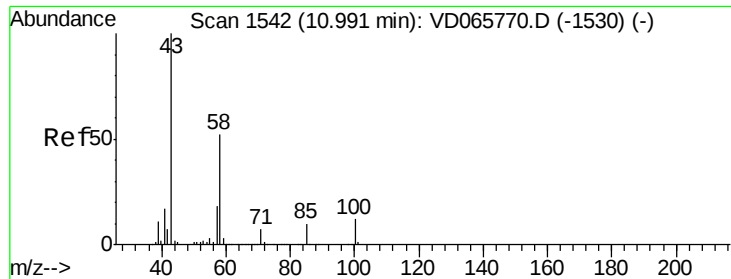
Tgt Ion: 76 Resp: 149311
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.756 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 63 Resp: 248924
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.2 34.8

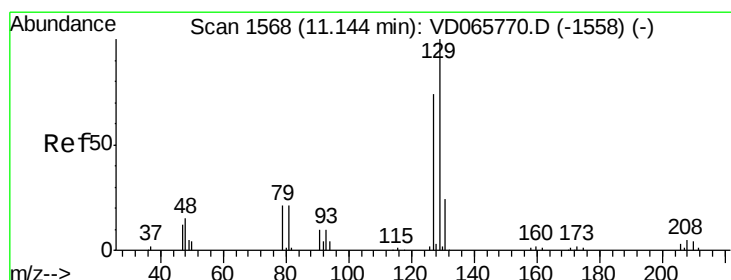
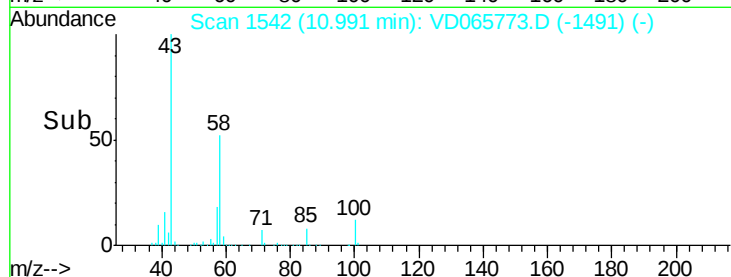
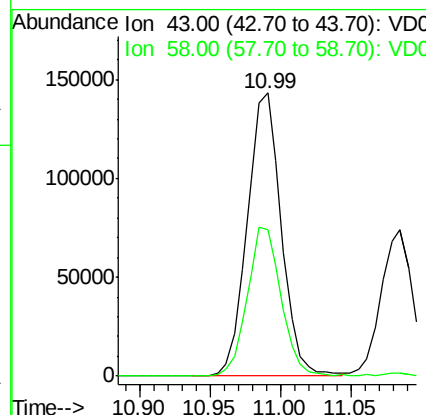
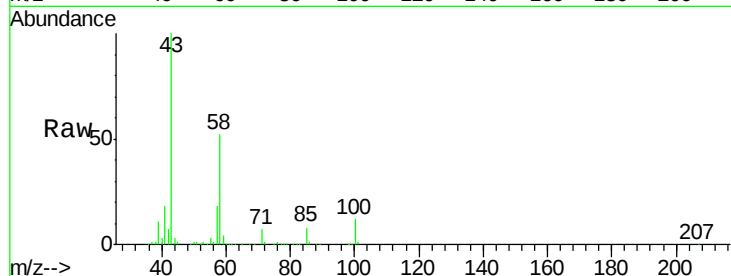




#59
2-Hexanone
Concen: 259.028 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

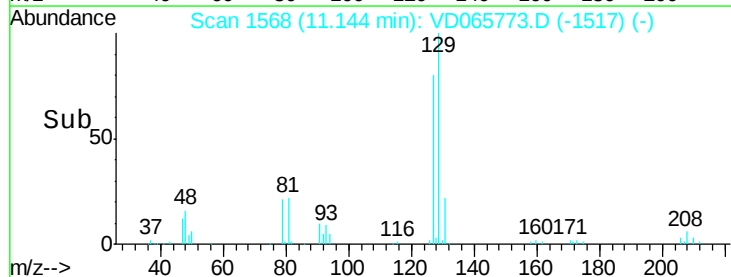
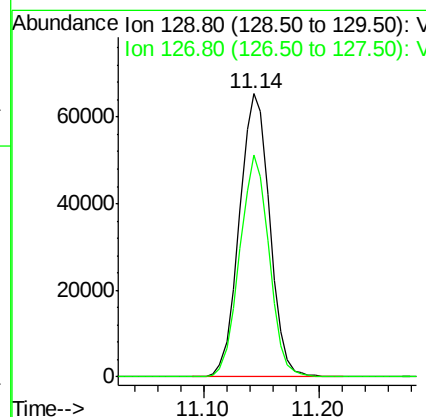
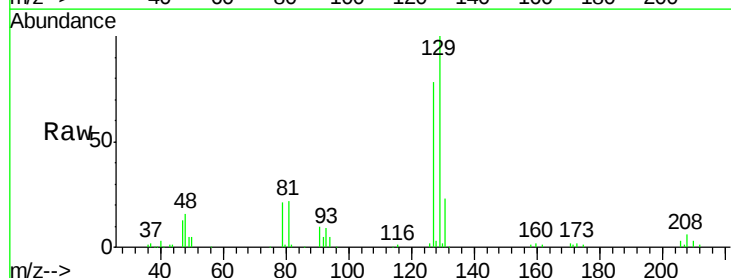
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

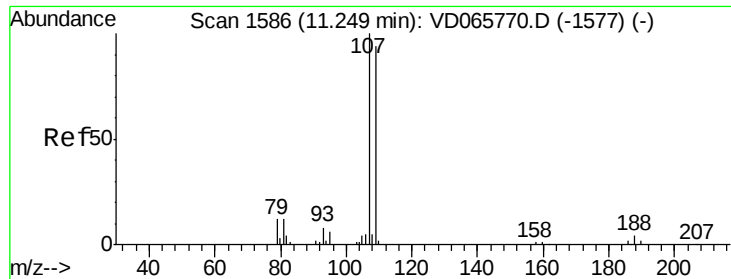
Tgt Ion: 43 Resp: 242495
Ion Ratio Lower Upper
43 100
58 52.2 25.7 77.0



#60
Dibromochloromethane
Concen: 48.833 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion: 129 Resp: 118806
Ion Ratio Lower Upper
129 100
127 76.0 38.0 113.9

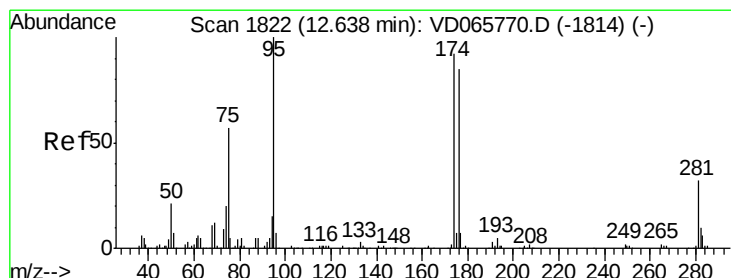
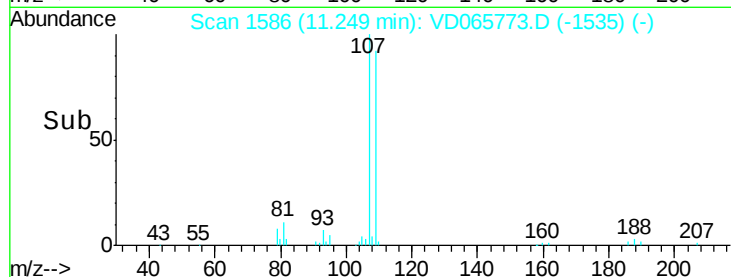
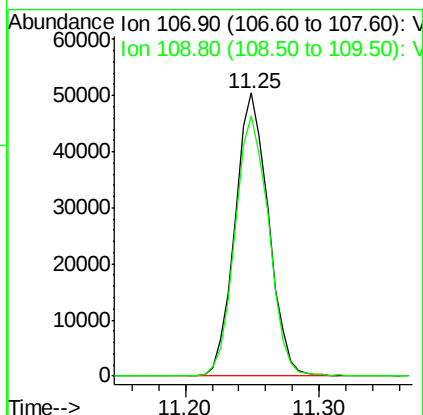
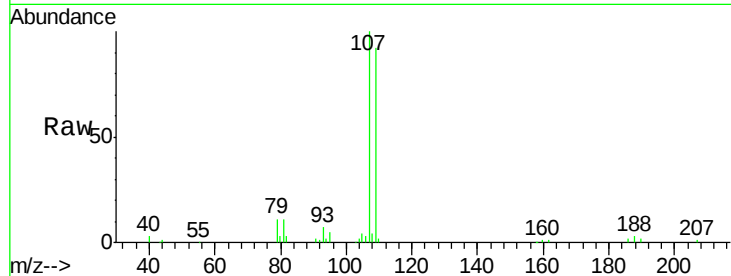




#61
 1,2-Dibromoethane
 Concen: 49.470 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

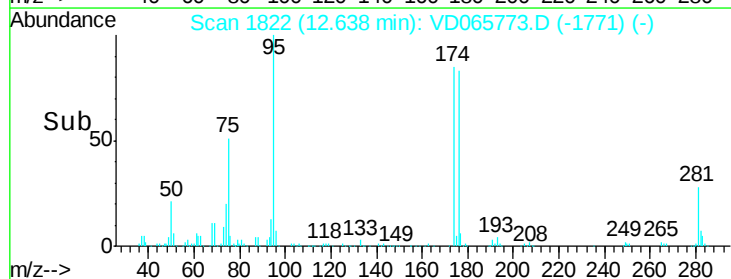
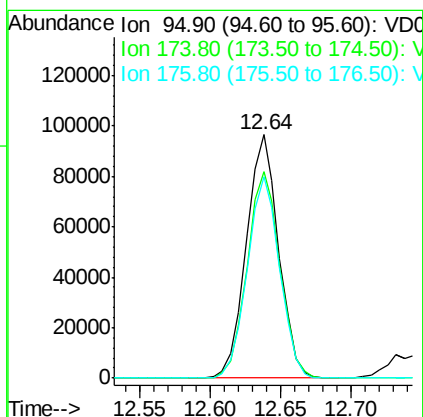
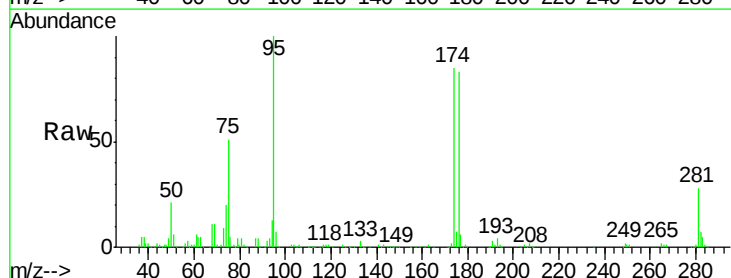
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

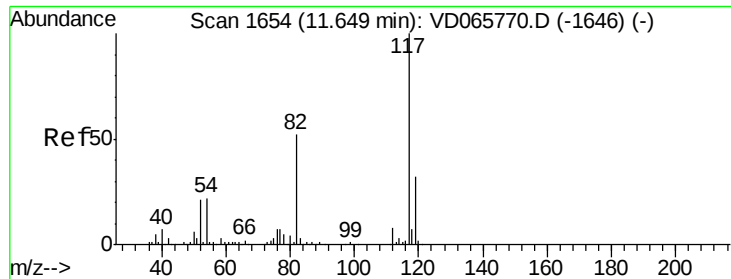
Tgt Ion: 107 Resp: 87558
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 51.270 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 95 Resp: 154679
 Ion Ratio Lower Upper
 95 100
 174 86.0 0.0 175.2
 176 83.0 0.0 163.0

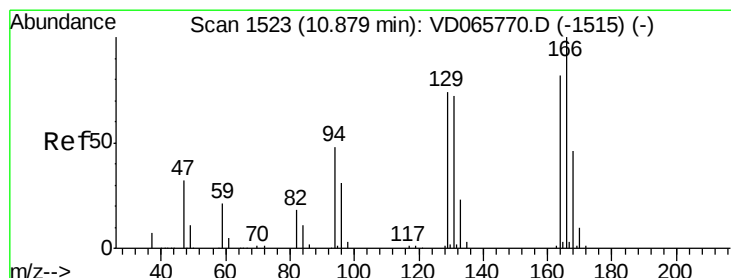
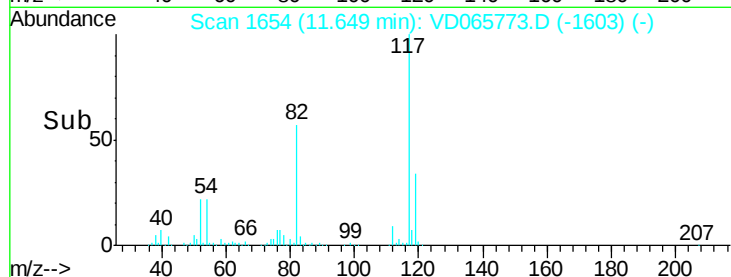
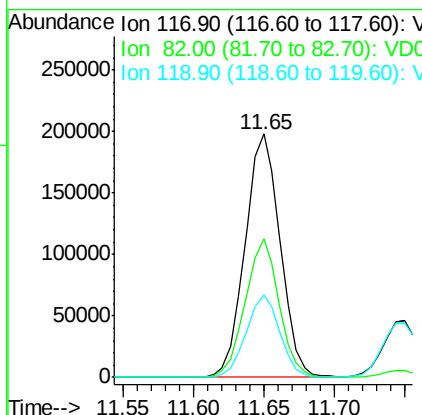
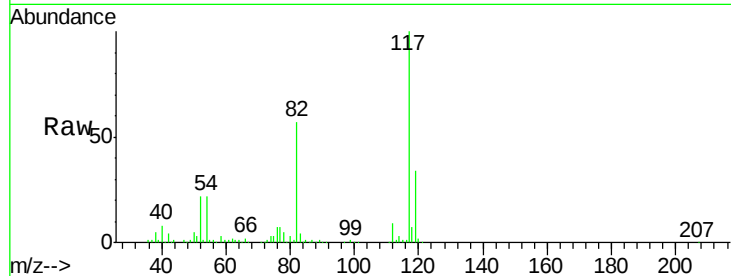




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

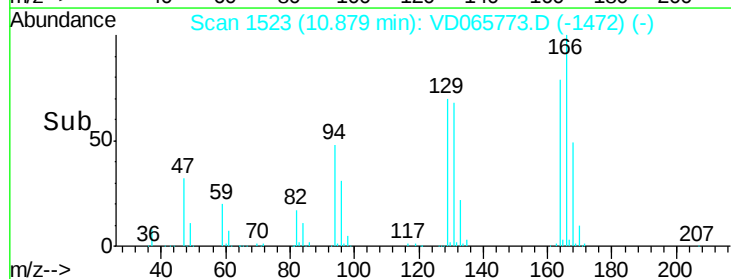
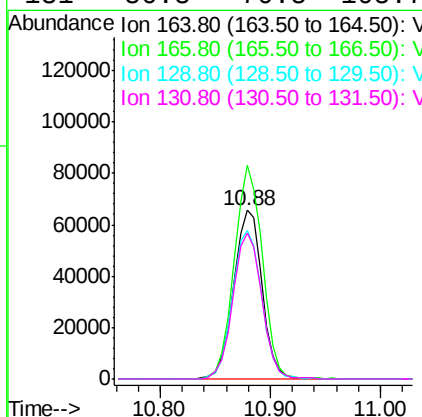
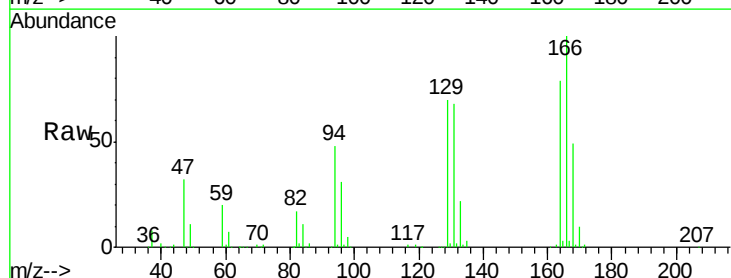
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

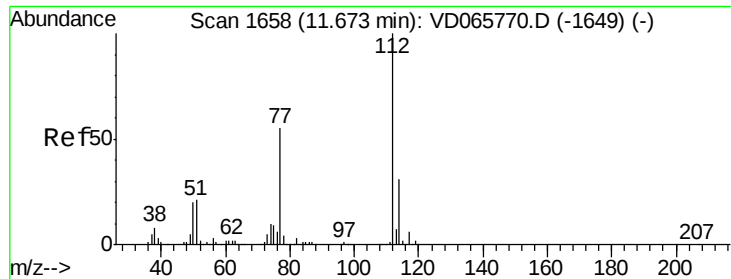
Tgt Ion:117 Resp: 344860
Ion Ratio Lower Upper
117 100
82 56.9 41.9 62.9
119 33.8 25.3 37.9



#64
Tetrachloroethene
Concen: 50.916 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion:164 Resp: 118735
Ion Ratio Lower Upper
164 100
166 126.8 98.2 147.2
129 88.5 72.3 108.5
131 86.8 70.5 105.7

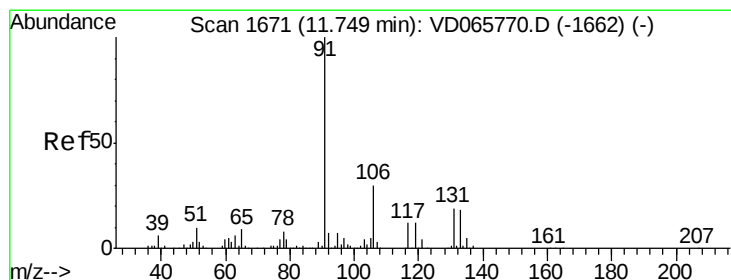
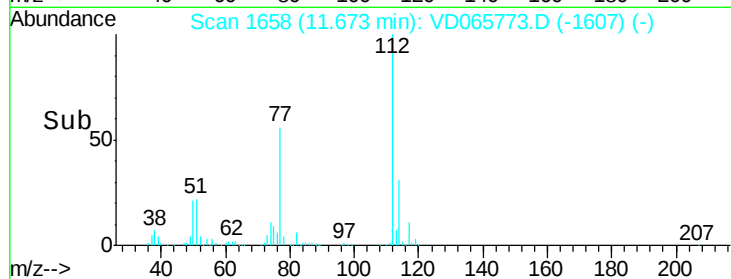
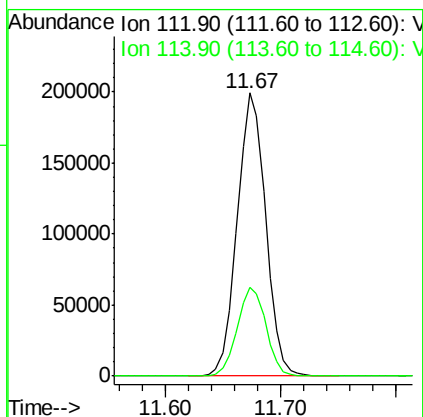
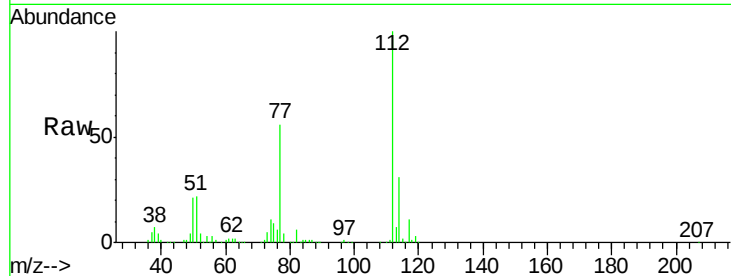




#65
Chlorobenzene
Concen: 50.383 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

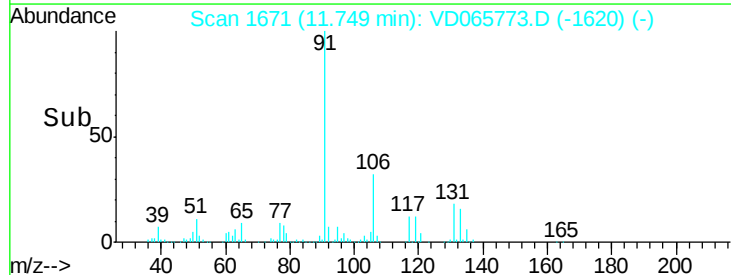
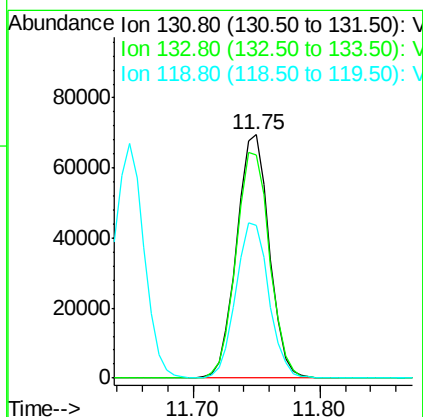
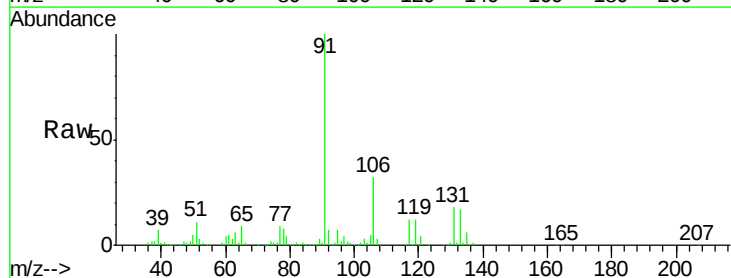
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

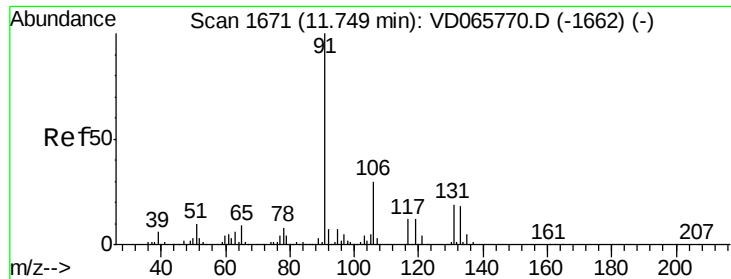
Tgt Ion:112 Resp: 339203
Ion Ratio Lower Upper
112 100
114 31.3 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.509 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion:131 Resp: 124245
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.9
119 64.5 31.6 94.8

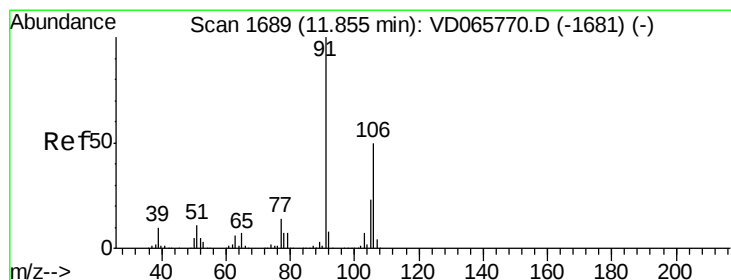
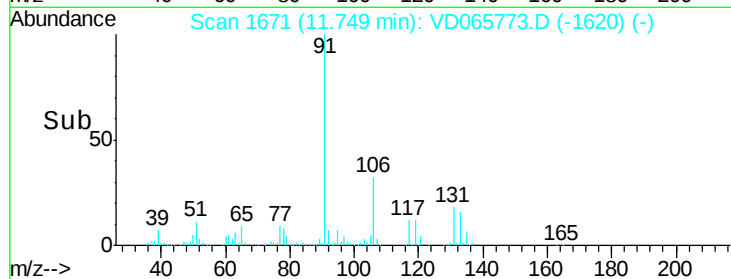
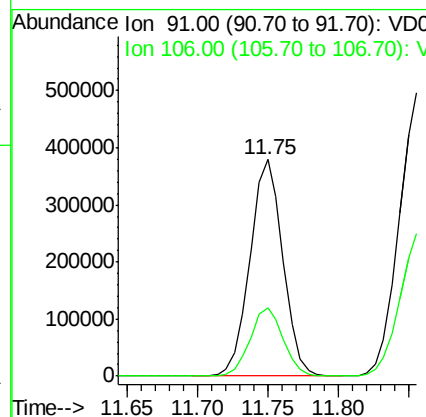
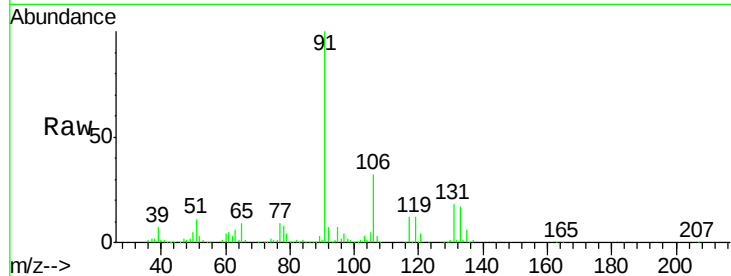




#67
Ethyl Benzene
Concen: 51.524 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

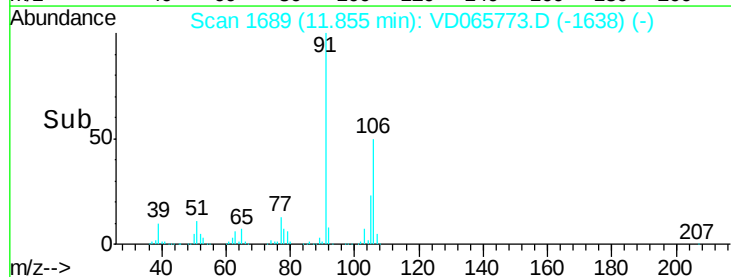
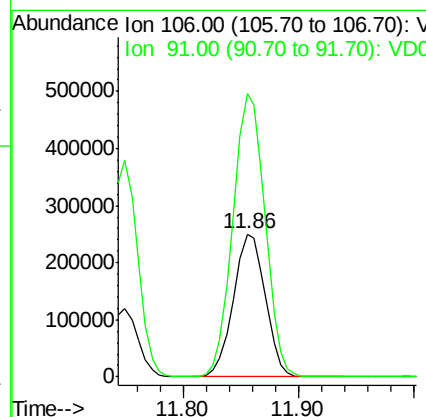
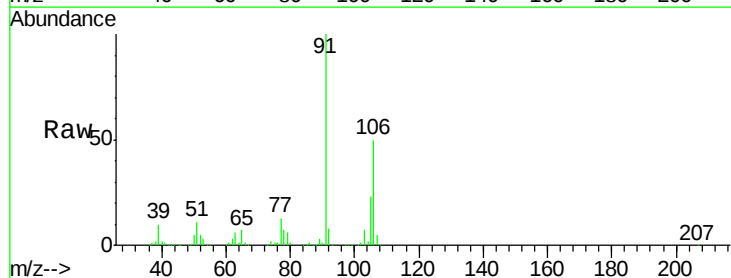
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

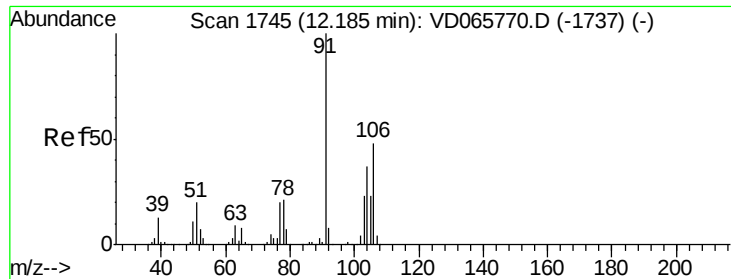
Tgt Ion: 91 Resp: 619679
Ion Ratio Lower Upper
91 100
106 31.6 24.1 36.1



#68
m/p-Xylenes
Concen: 103.114 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion: 106 Resp: 477692
Ion Ratio Lower Upper
106 100
91 200.0 159.4 239.2

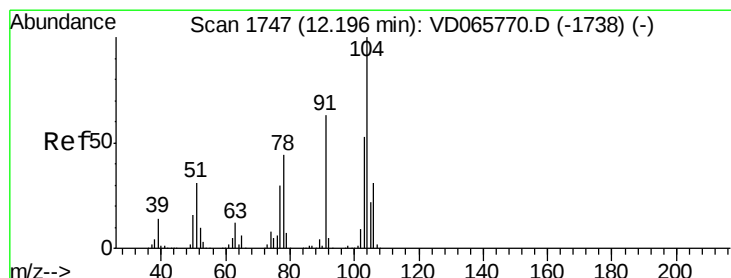
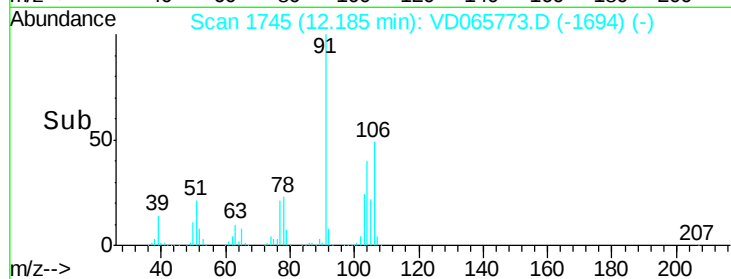
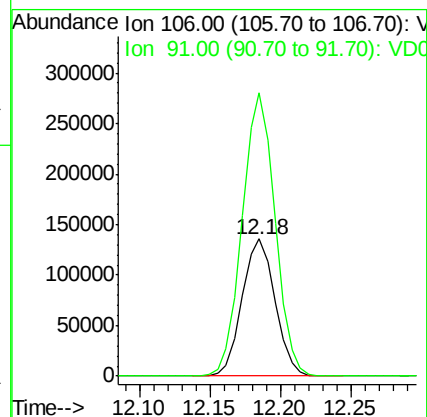
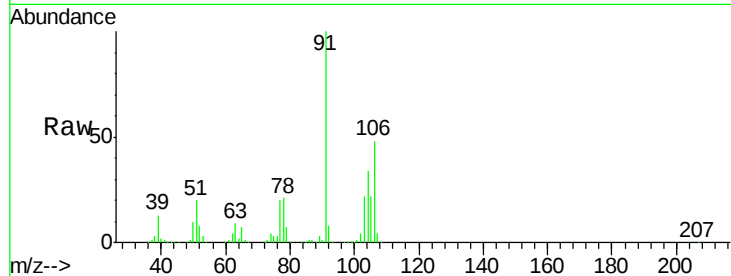




#69
o-Xylene
Concen: 53.096 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

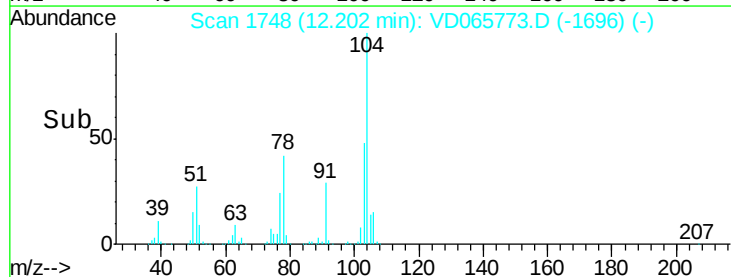
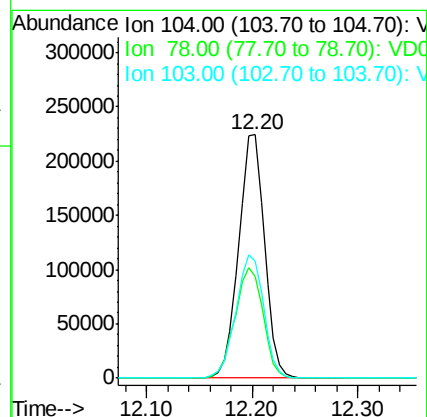
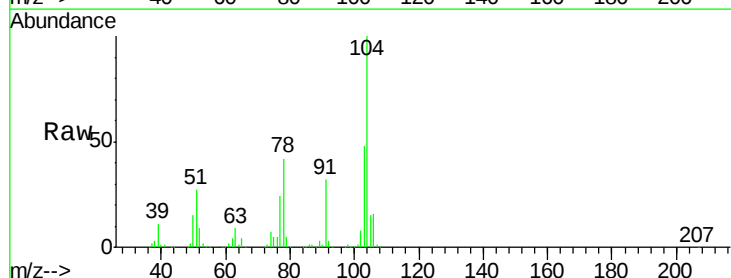
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

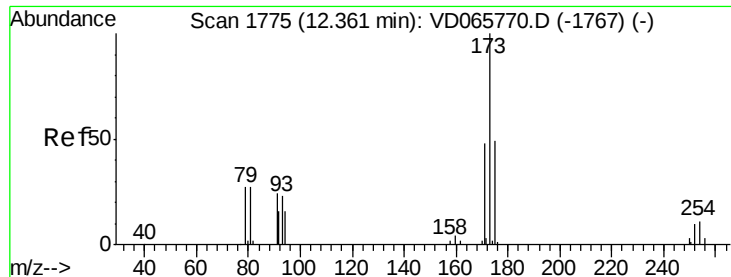
Tgt Ion:106 Resp: 221782
Ion Ratio Lower Upper
106 100
91 205.5 105.3 315.8



#70
Styrene
Concen: 52.390 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion:104 Resp: 378826
Ion Ratio Lower Upper
104 100
78 49.4 38.6 58.0
103 54.5 43.9 65.9





#71

Bromoform

Concen: 50.049 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

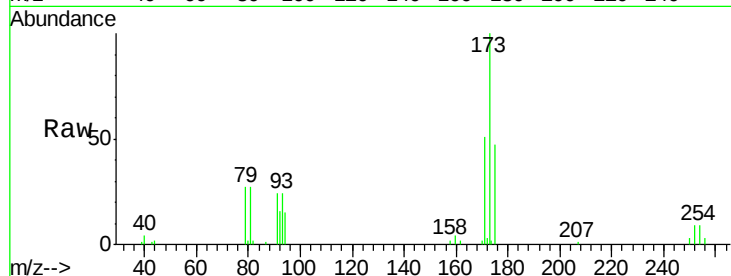
Tgt Ion:173 Resp: 69165

Ion Ratio Lower Upper

173 100

175 48.1 24.8 74.4

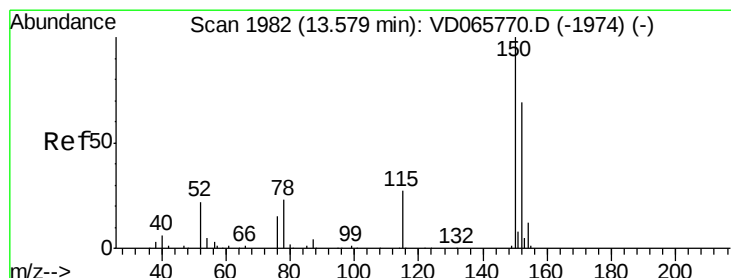
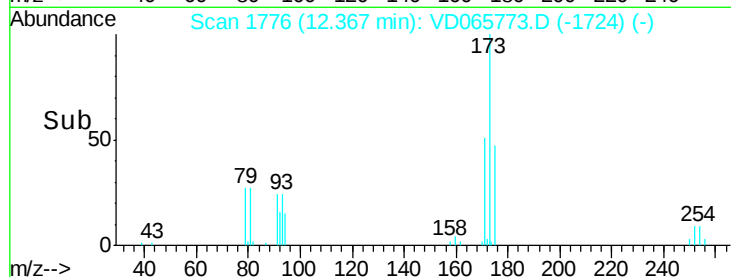
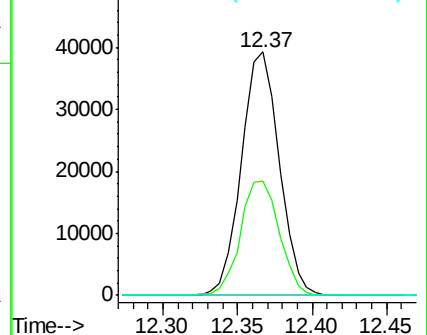
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

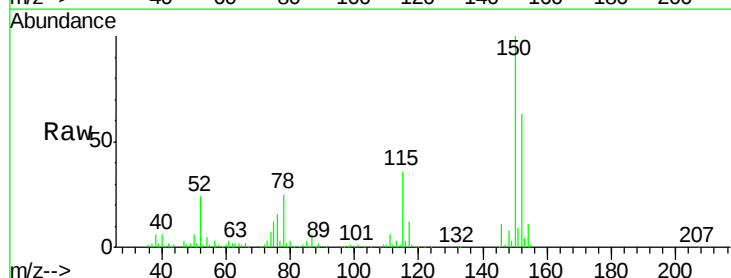
Tgt Ion:152 Resp: 176148

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.1

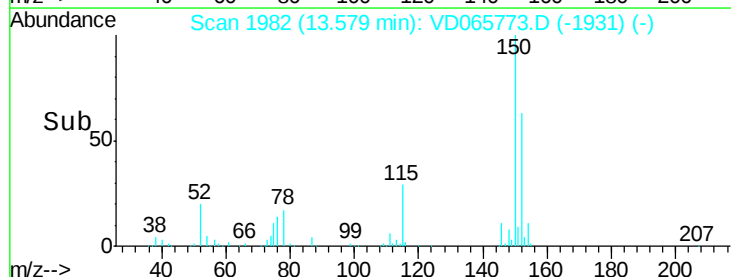
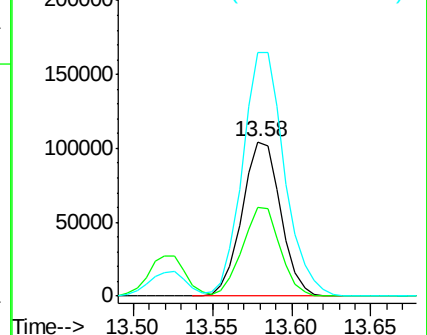
150 172.0 0.0 348.0

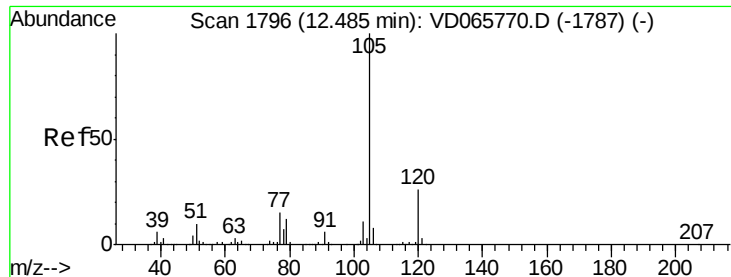


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.610 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

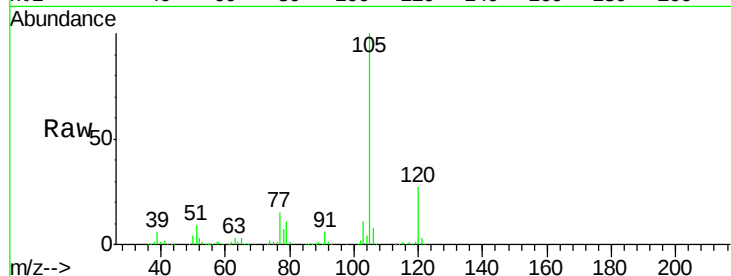
ICVVD060520

Tgt Ion: 105 Resp: 609522

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

400000

300000

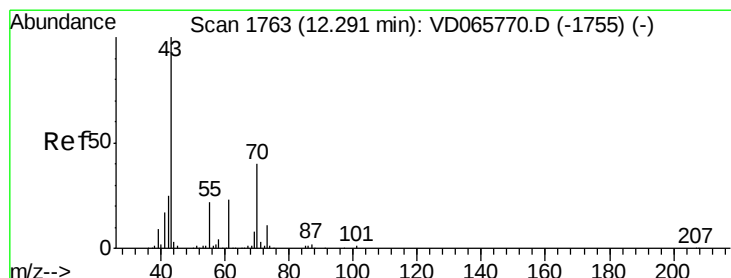
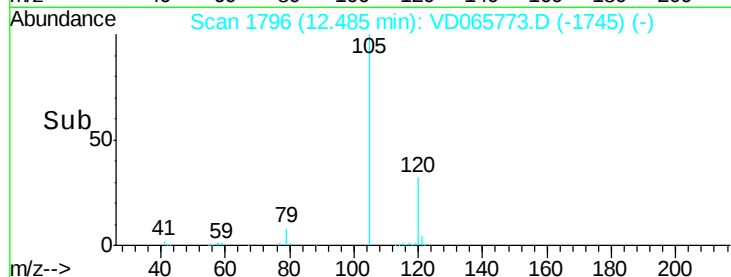
200000

100000

0

Time-->

12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 50.048 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Tgt Ion: 43 Resp: 131499

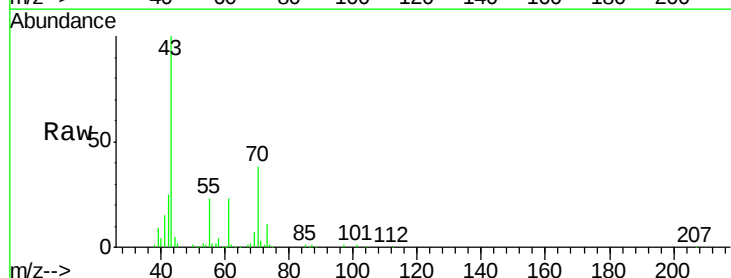
Ion Ratio Lower Upper

43 100

70 40.4 32.3 48.5

55 22.9 19.0 28.4

61 23.3 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

120000

100000

80000

60000

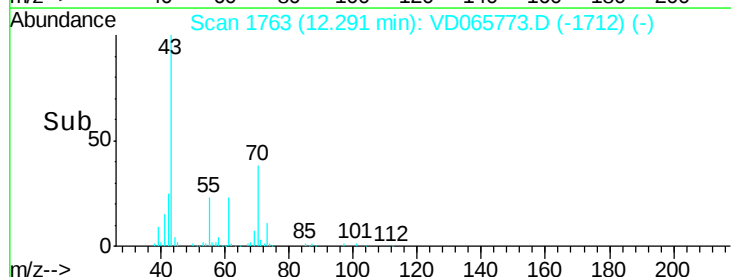
40000

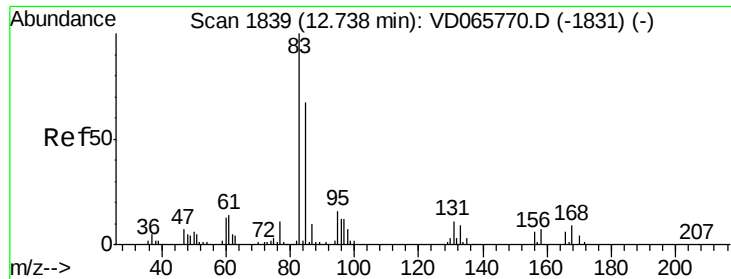
20000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 48.714 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

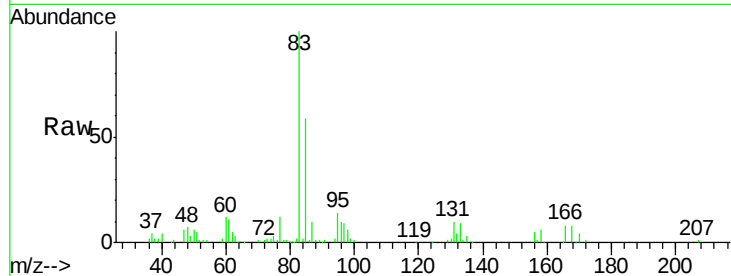
Tgt Ion: 83 Resp: 97162

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

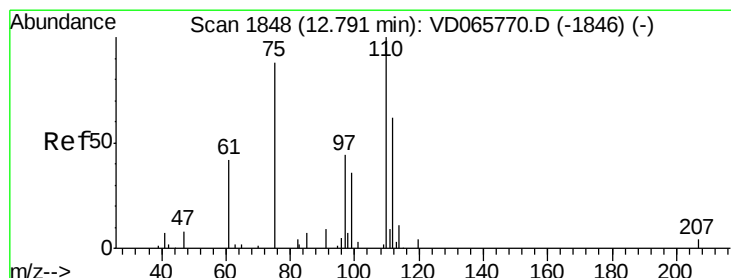
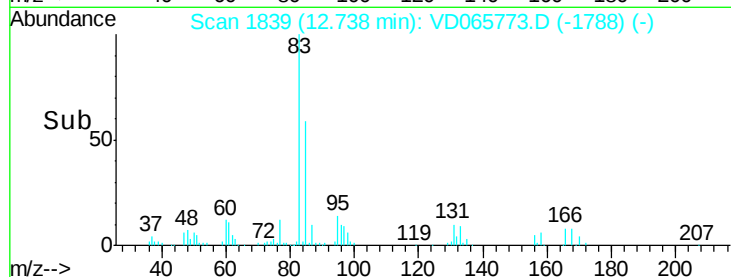
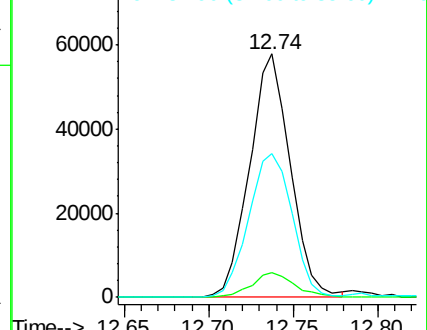
85 62.8 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 93.110 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065773.D

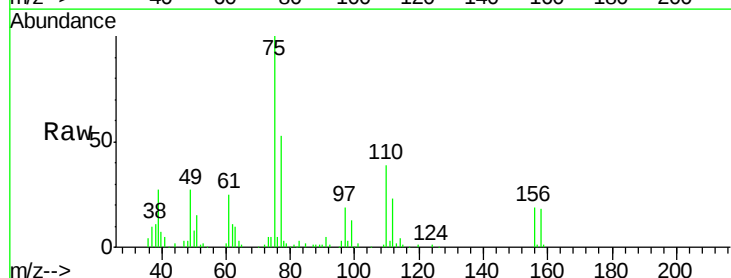
Acq: 05 Jun 2020 13:40

Tgt Ion: 75 Resp: 127554

Ion Ratio Lower Upper

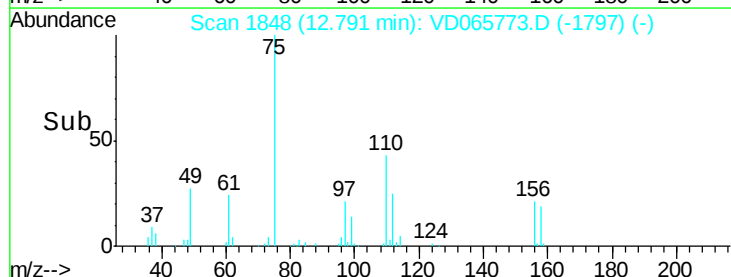
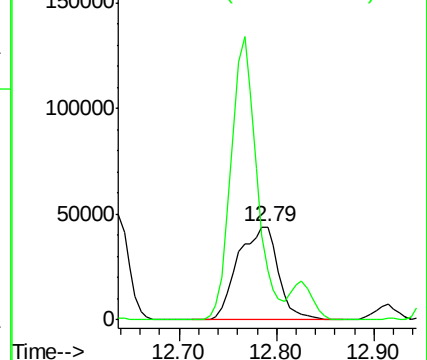
75 100

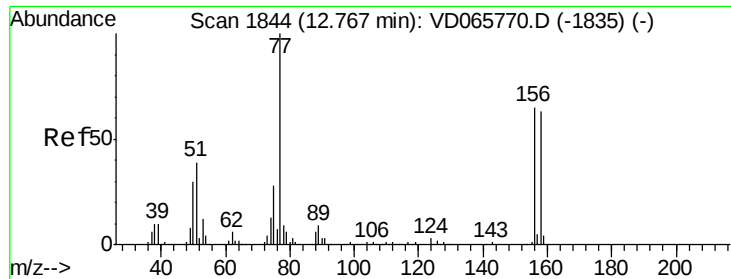
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.832 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060520

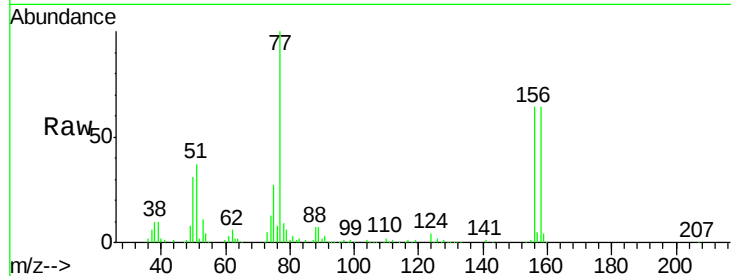
Tgt Ion:156 Resp: 142038

Ion Ratio Lower Upper

156 100

77 174.2 87.3 261.8

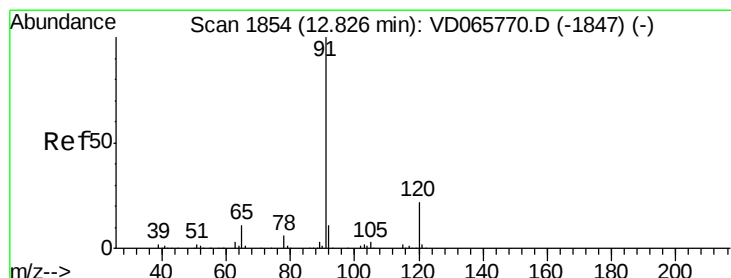
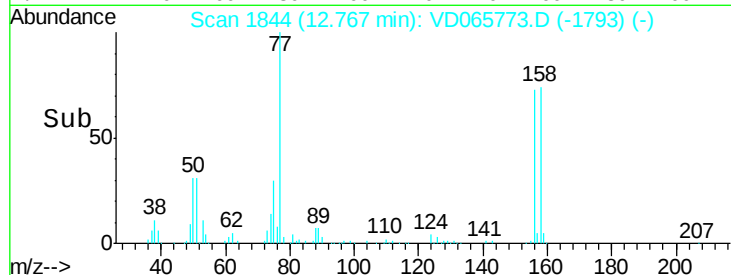
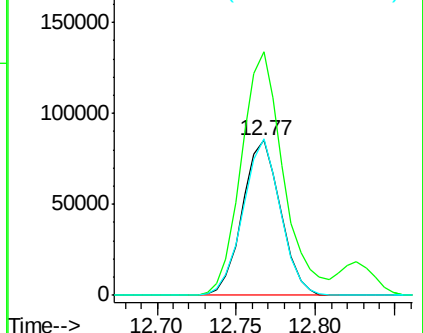
158 99.1 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.426 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065773.D

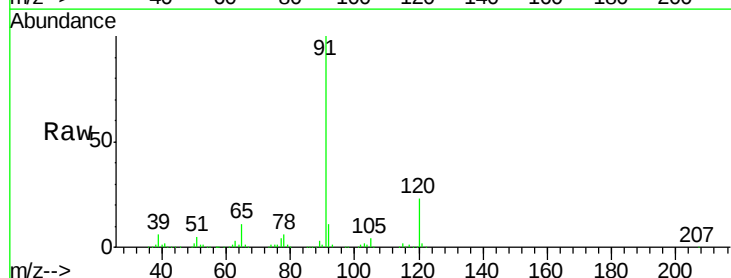
Acq: 05 Jun 2020 13:40

Tgt Ion: 91 Resp: 731075

Ion Ratio Lower Upper

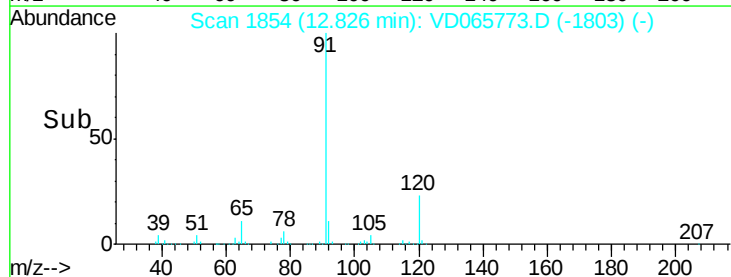
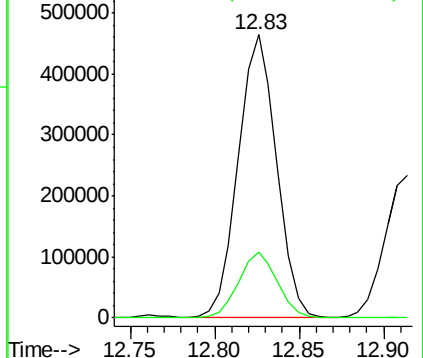
91 100

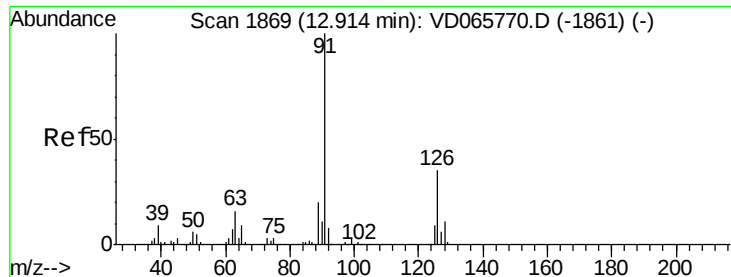
120 23.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

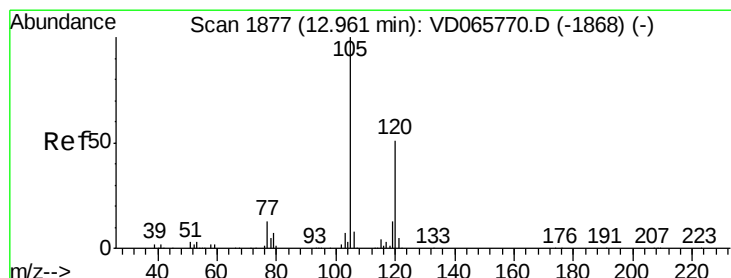
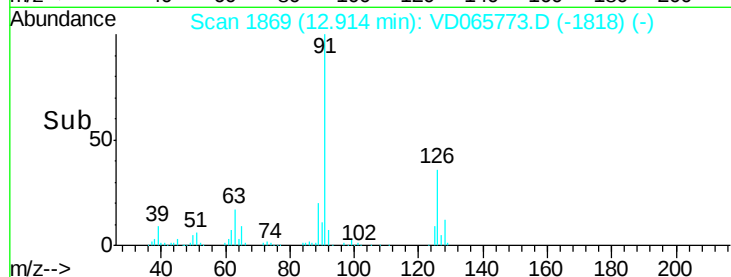
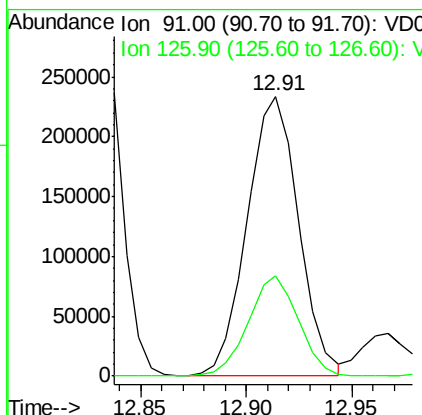
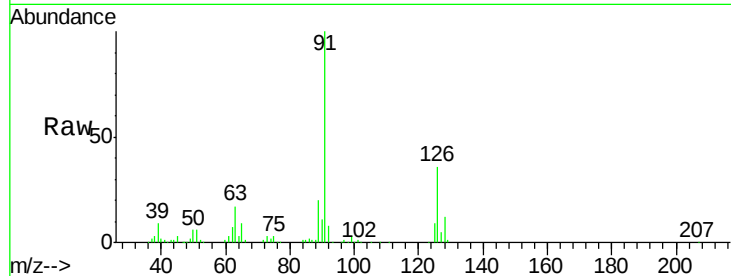




#79
 2-Chlorotoluene
 Concen: 50.638 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

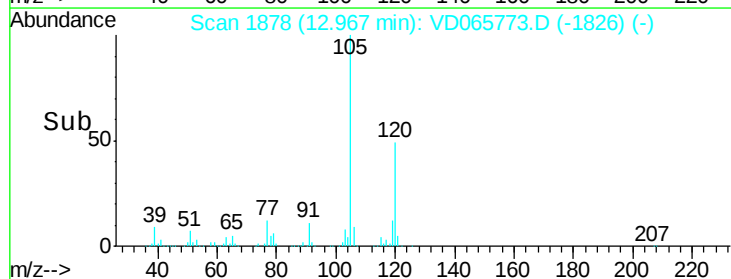
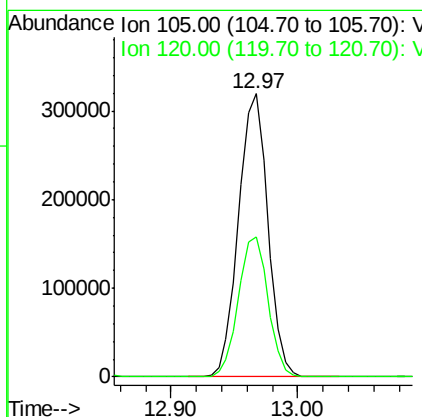
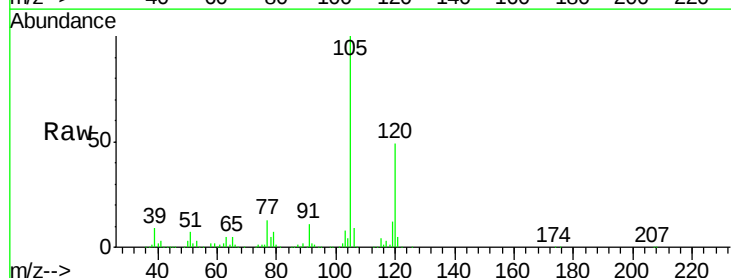
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

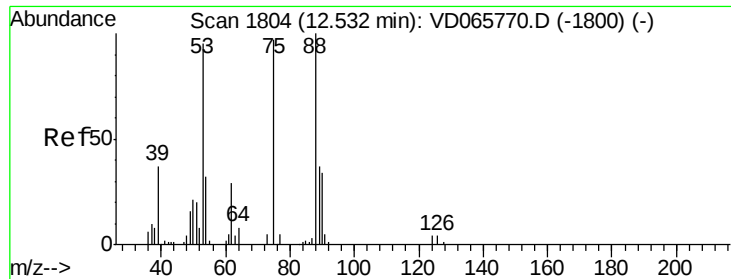
Tgt Ion: 91 Resp: 394911
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 52.120 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 105 Resp: 512233
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.639 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

Instrument :

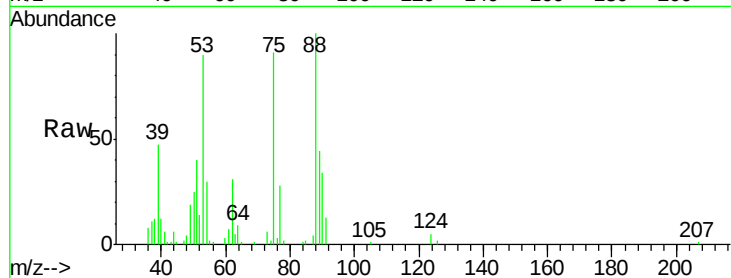
MSVOA_D

ClientSampleId :

ICVVD060520

Tgt Ion: 75 Resp: 32107

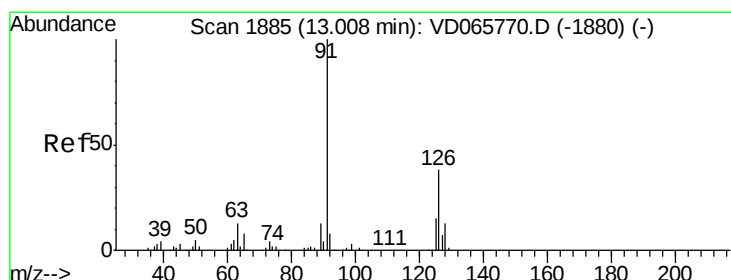
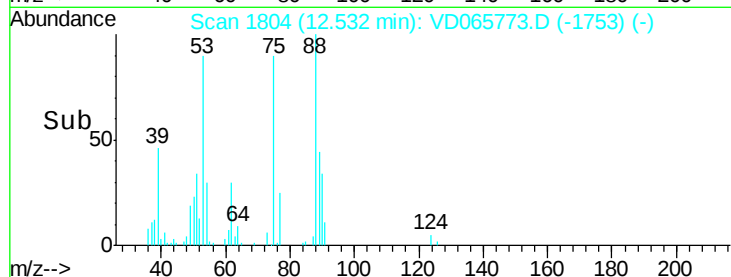
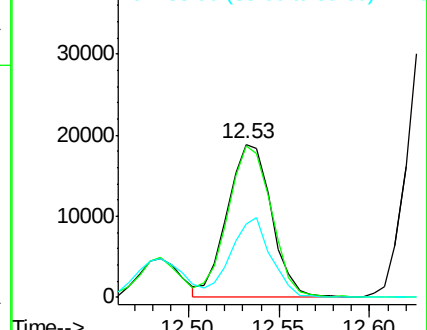
Ion	Ratio	Lower	Upper
75	100		
53	97.8	82.6	123.8
89	46.5	35.9	53.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 50.735 ug/l

RT: 13.01 min Scan# 1885

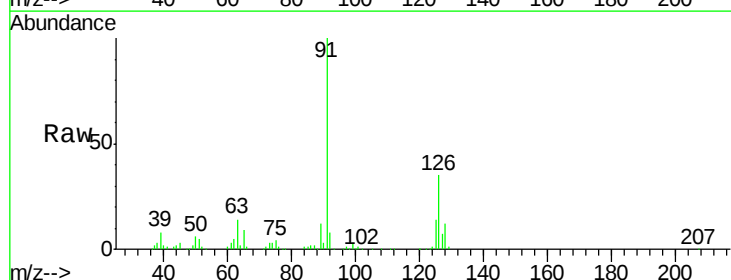
Delta R.T. -0.00 min

Lab File: VD065773.D

Acq: 05 Jun 2020 13:40

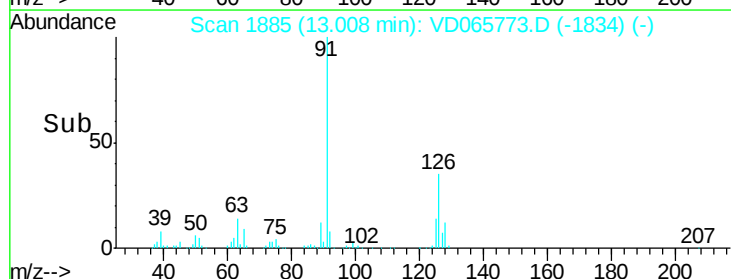
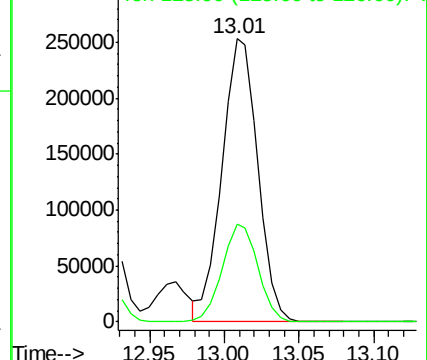
Tgt Ion: 91 Resp: 424692

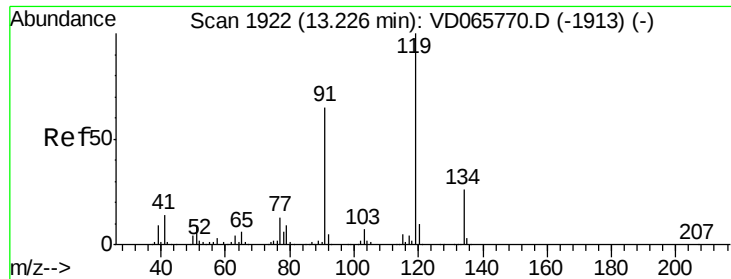
Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.6	52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

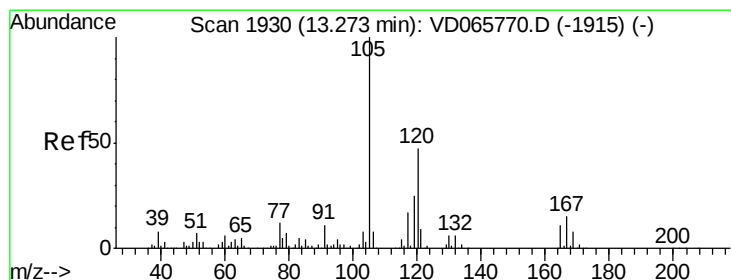
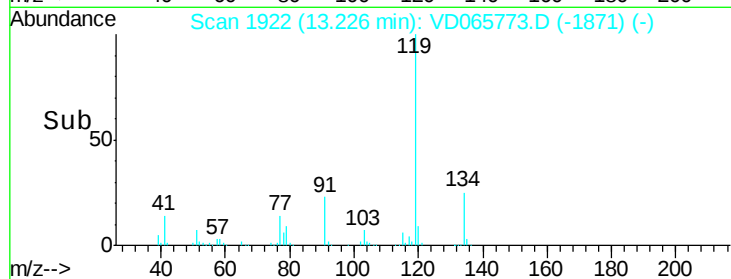
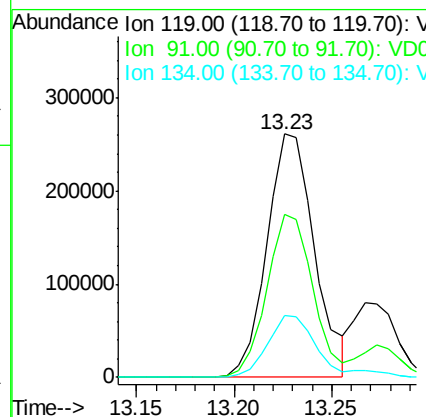
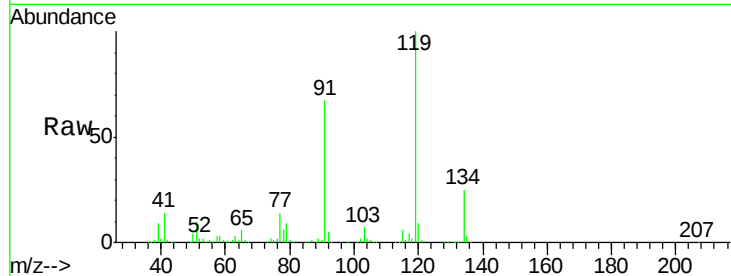




#83
 tert-Butylbenzene
 Concen: 51.832 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

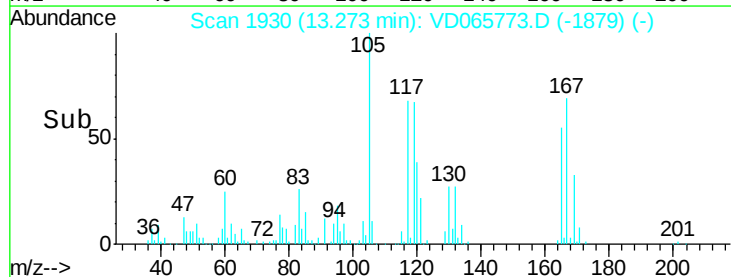
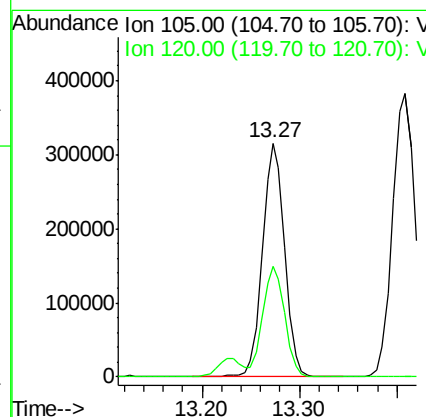
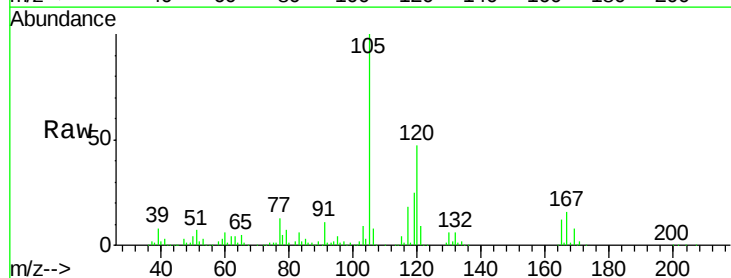
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

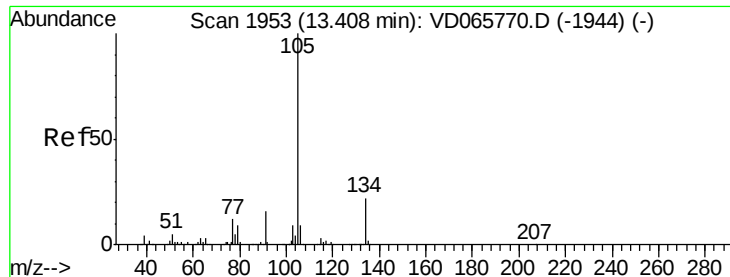
Tgt Ion:119 Resp: 442002
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.0 96.0
 134 27.0 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.128 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion:105 Resp: 502946
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.3 69.8

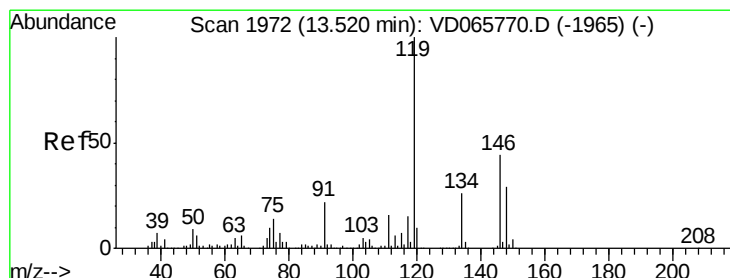
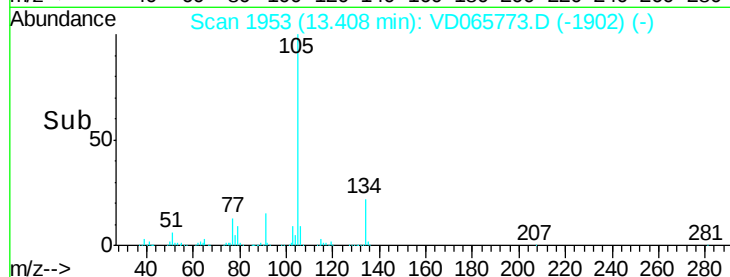
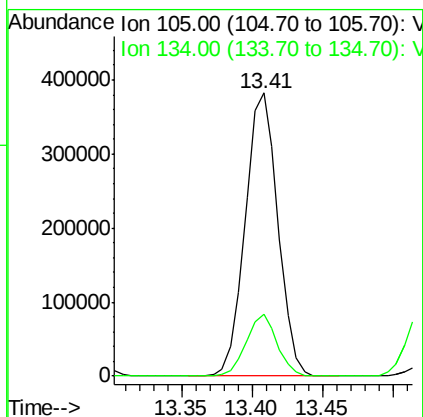
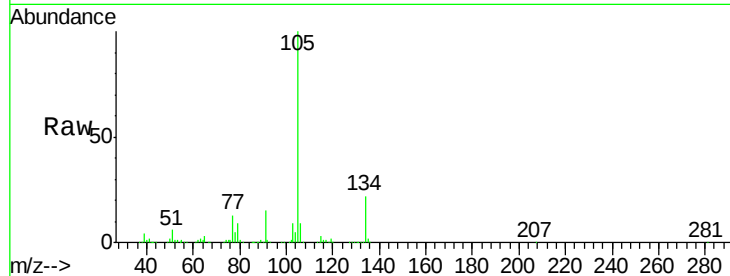




#85
 sec-Butylbenzene
 Concen: 52.228 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

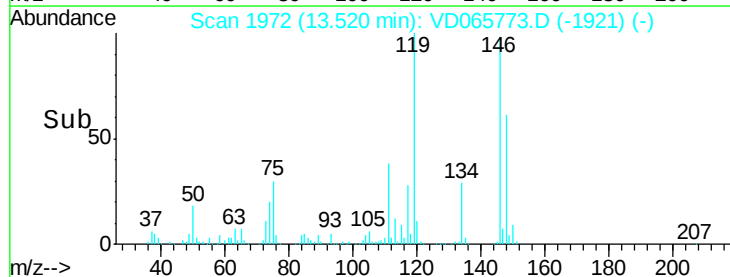
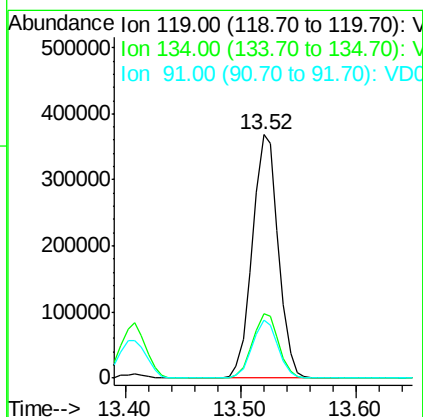
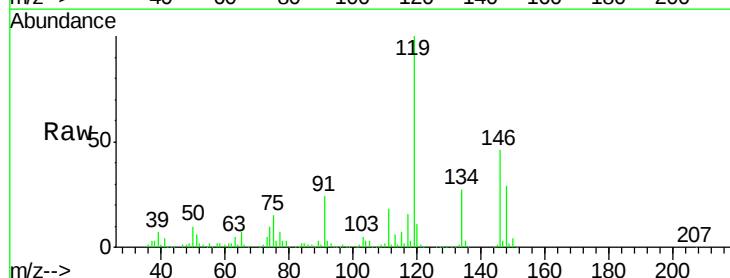
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

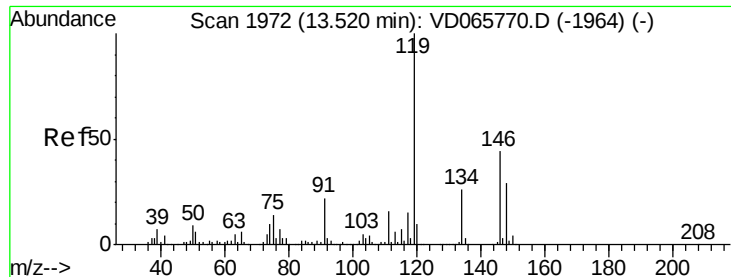
Tgt Ion:105 Resp: 619828
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 52.962 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion:119 Resp: 576091
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 23.5 11.8 35.4

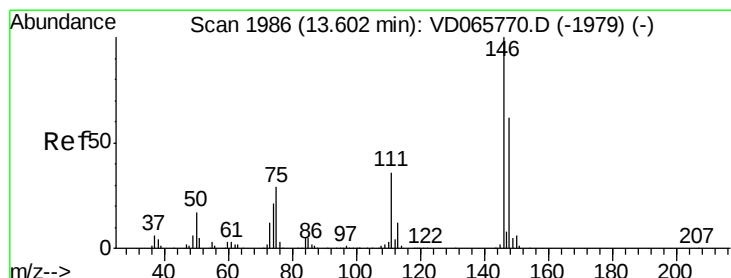
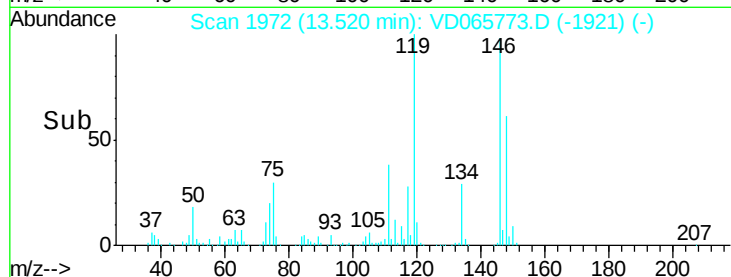
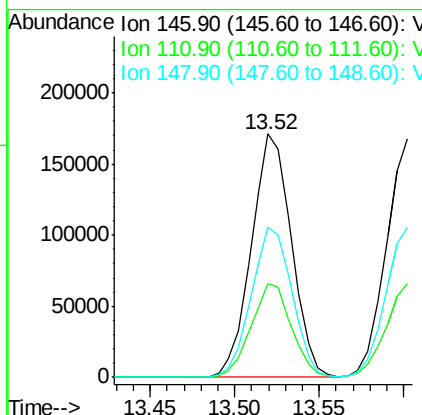
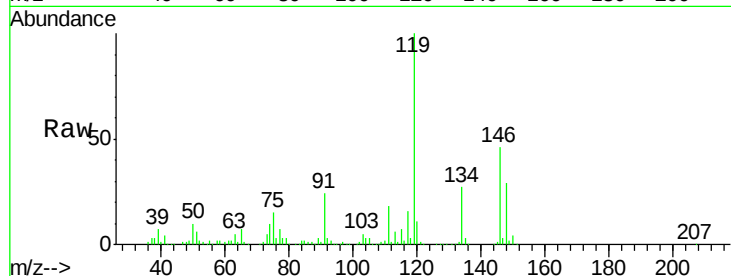




#87
 1,3-Dichlorobenzene
 Concen: 50.974 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

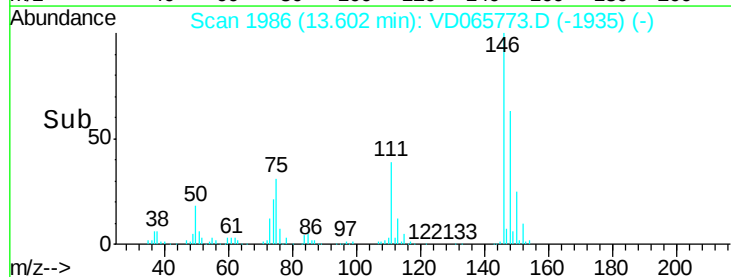
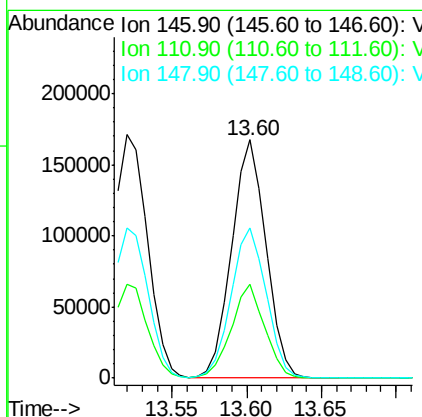
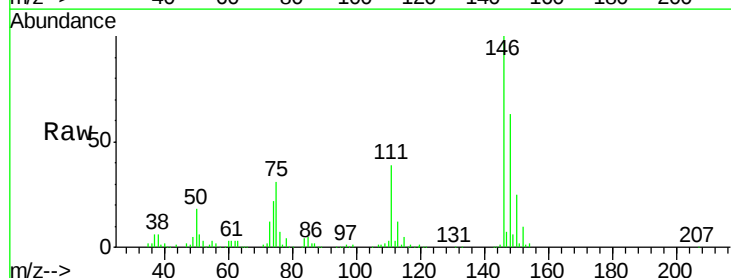
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

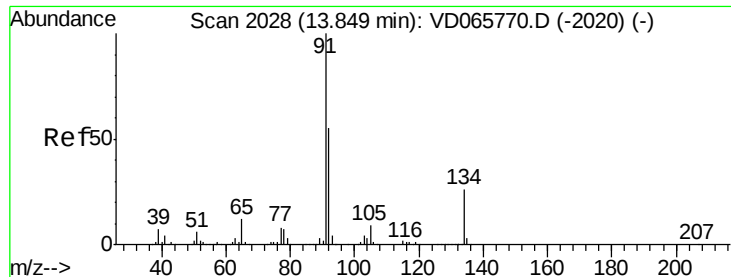
Tgt Ion:146 Resp: 280847
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.2 57.6
 148 62.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.155 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion:146 Resp: 269399
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.9 56.7
 148 64.4 31.6 94.7

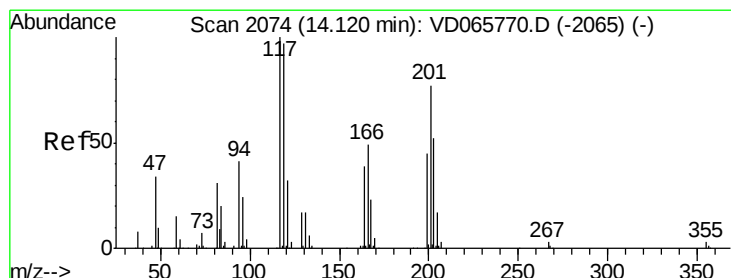
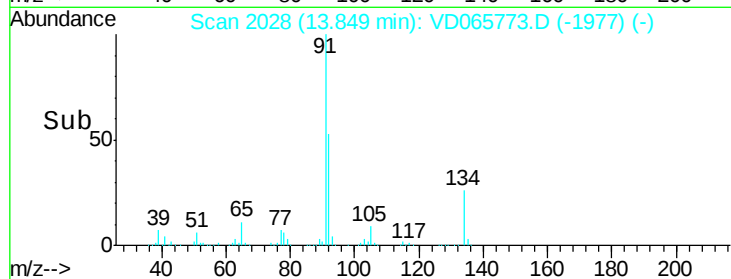
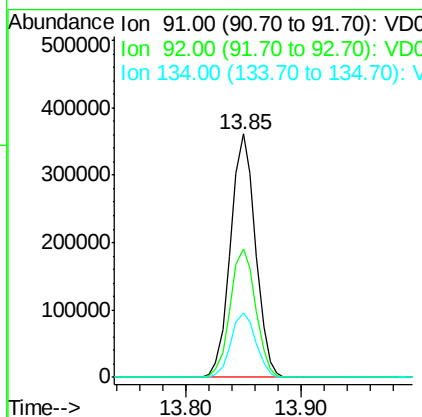
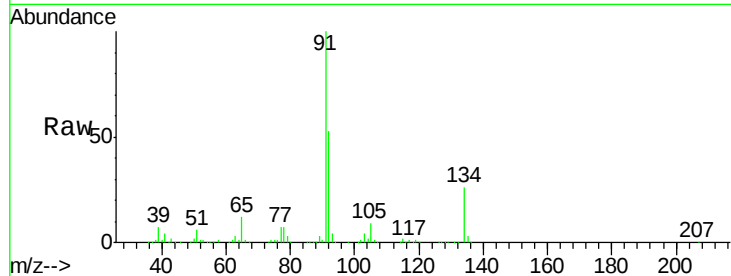




#89
n-Butylbenzene
Concen: 52.131 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

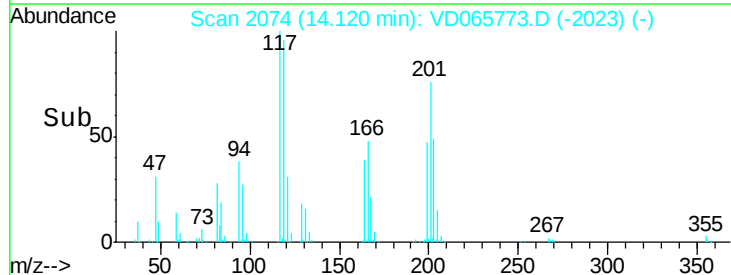
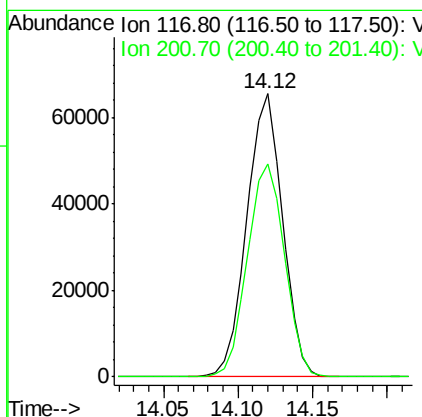
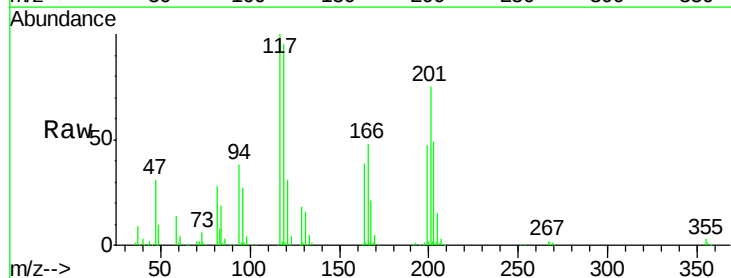
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

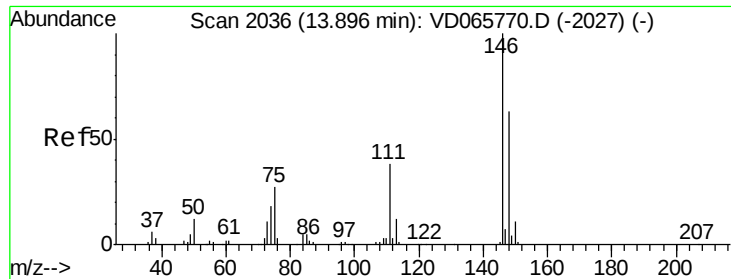
Tgt Ion: 91 Resp: 540813
Ion Ratio Lower Upper
91 100
92 54.0 27.0 81.0
134 26.5 13.0 39.0



#90
Hexachloroethane
Concen: 49.759 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion: 117 Resp: 108339
Ion Ratio Lower Upper
117 100
201 78.5 37.1 111.5

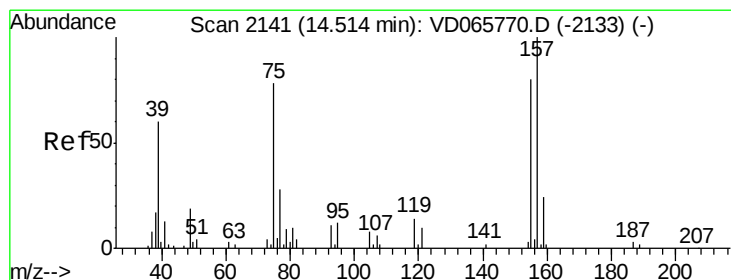
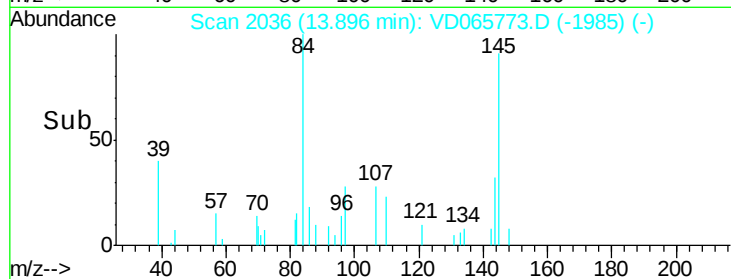
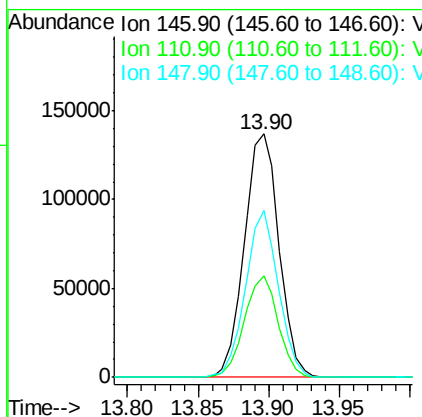
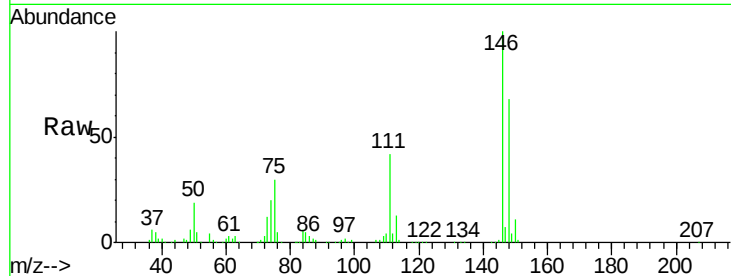




#91
 1,2-Dichlorobenzene
 Concen: 49.641 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

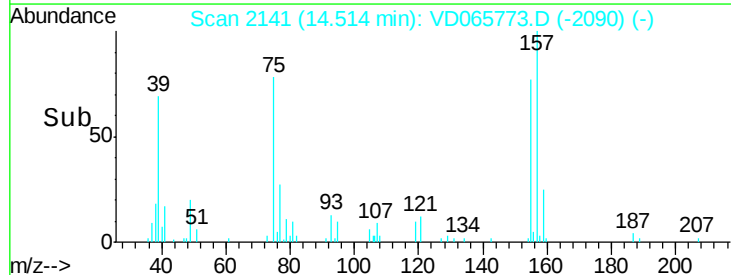
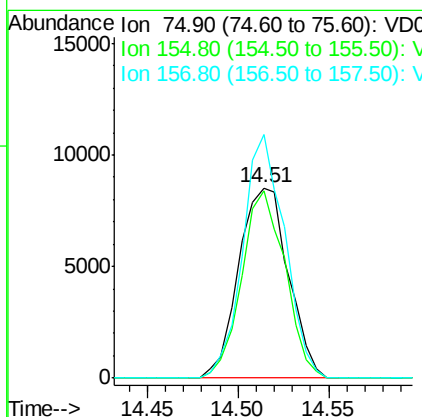
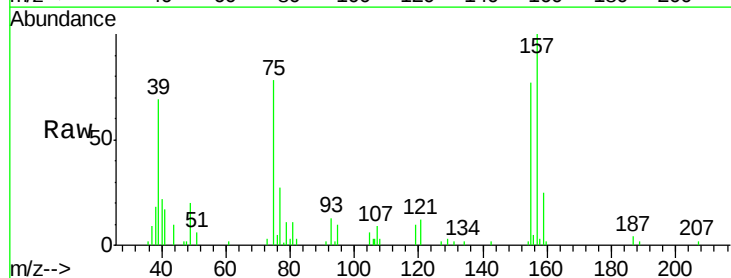
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

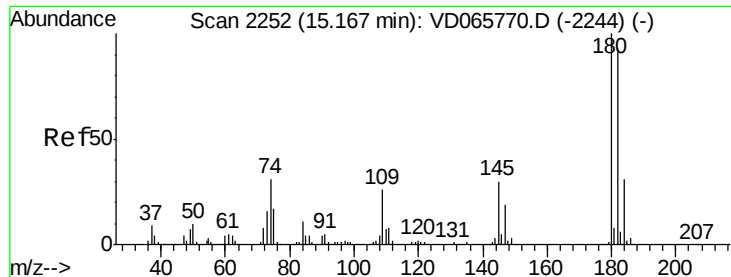
Tgt Ion: 146 Resp: 235382
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.8 59.4
 148 65.0 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.910 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion: 75 Resp: 16235
 Ion Ratio Lower Upper
 75 100
 155 85.9 46.3 138.9
 157 107.8 58.1 174.3

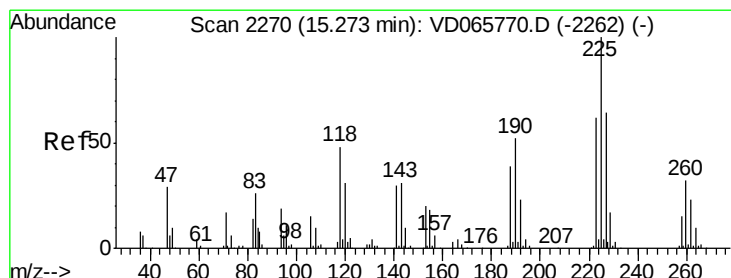
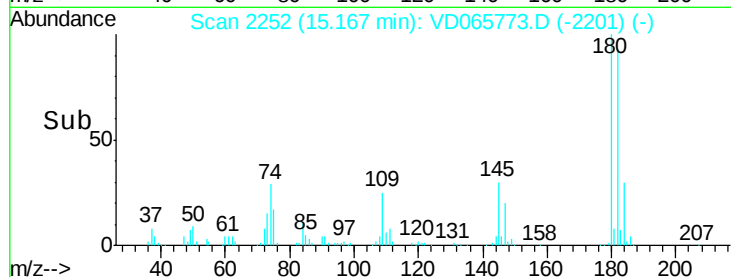
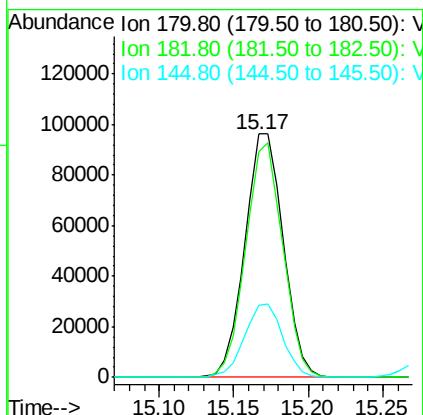
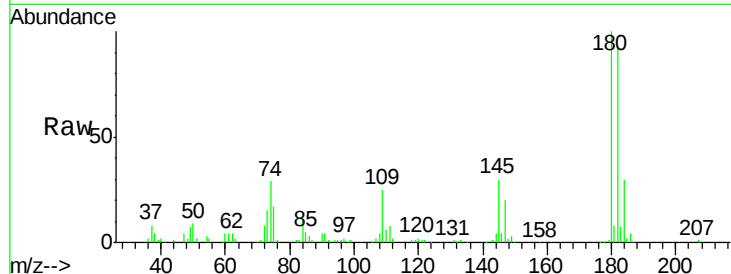




#93
 1,2,4-Trichlorobenzene
 Concen: 53.134 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

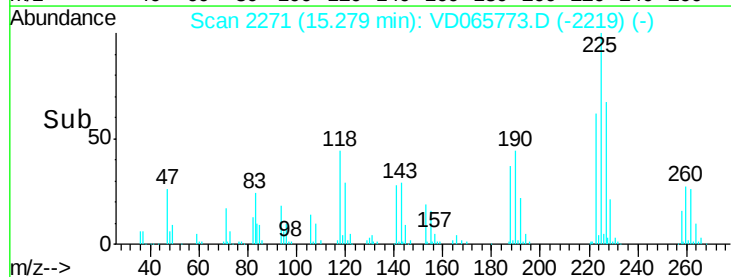
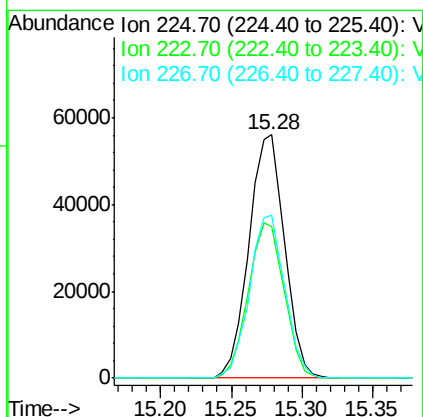
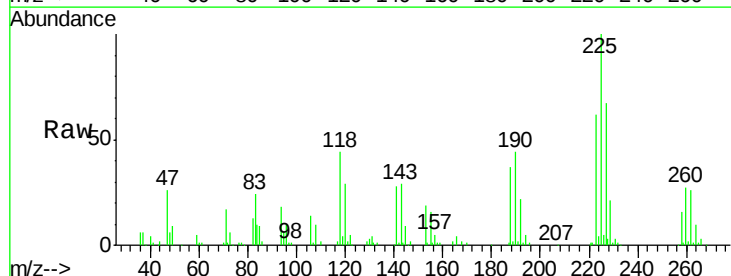
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060520

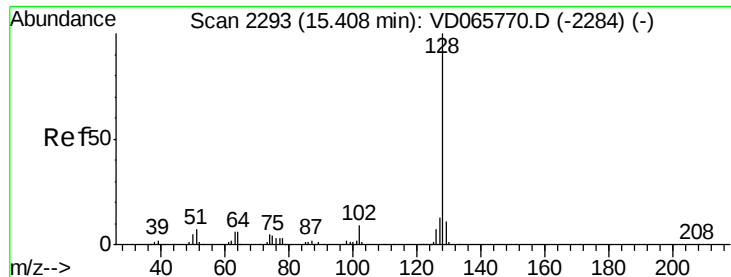
Tgt Ion:180 Resp: 171304
 Ion Ratio Lower Upper
 180 100
 182 93.0 48.0 144.2
 145 30.0 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 51.176 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD065773.D
 Acq: 05 Jun 2020 13:40

Tgt Ion:225 Resp: 99739
 Ion Ratio Lower Upper
 225 100
 223 64.1 30.9 92.7
 227 66.1 31.9 95.7

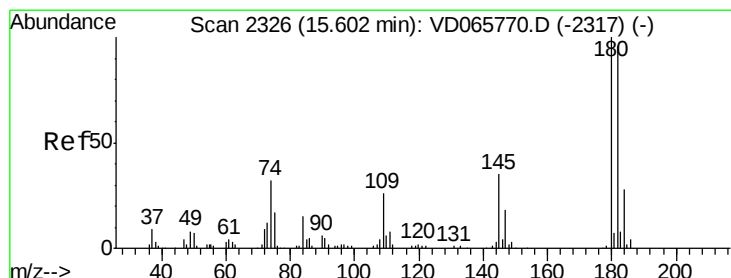
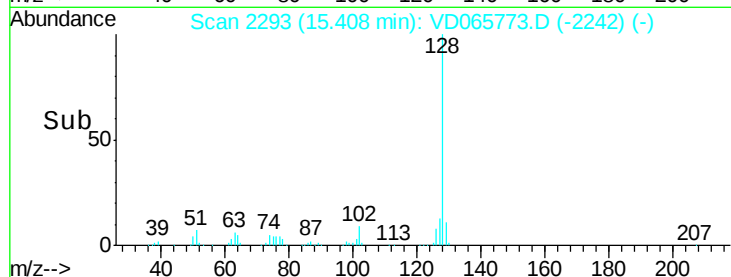
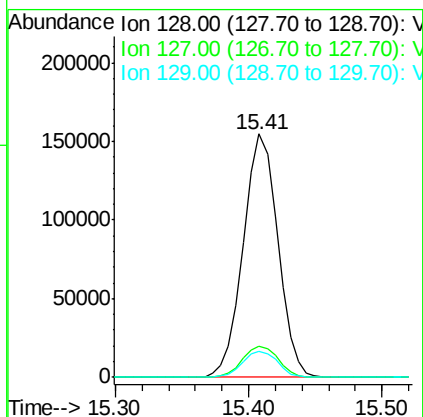
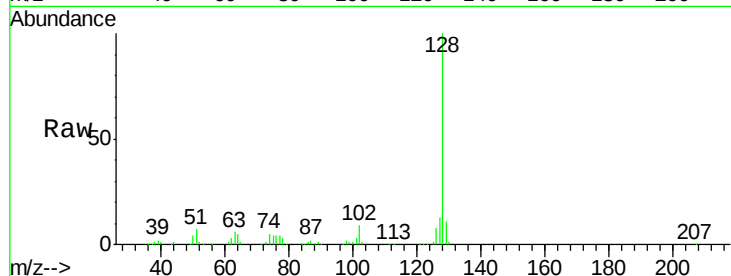




#95
Naphthalene
Concen: 50.829 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060520

Tgt Ion:128 Resp: 277581
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.690 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065773.D
Acq: 05 Jun 2020 13:40

Tgt Ion:180 Resp: 143529
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.2
145 31.1 16.2 48.6

