

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
 Data File : VD065768.D
 Acq On : 05 Jun 2020 10:57
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Jun 05 12:45:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 12:42:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	215352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	344778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	315511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	154316	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	21458	9.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.90%	
35) Dibromofluoromethane	7.92	113	21460	9.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.64%	
50) Toluene-d8	10.34	98	77343	9.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.46%	
62) 4-Bromofluorobenzene	12.63	95	26466	9.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	18493	10.53	ug/l	99
3) Chloromethane	2.21	50	31629	10.61	ug/l	99
4) Vinyl Chloride	2.35	62	34882	10.24	ug/l	95
5) Bromomethane	2.77	94	24932	10.46	ug/l	87
6) Chloroethane	2.93	64	23764	10.35	ug/l	93
7) Trichlorofluoromethane	3.27	101	39883	10.42	ug/l	95
8) Diethyl Ether	3.71	74	9795	10.11	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.09	101	23086	10.16	ug/l	98
10) Methyl Iodide	4.30	142	18826	9.49	ug/l	98
11) Tert butyl alcohol	5.22	59	8286	47.44	ug/l #	74
12) 1,1-Dichloroethene	4.06	96	20012	9.81	ug/l	93
13) Acrolein	3.93	56	6845	53.39	ug/l	93
14) Allyl chloride	4.72	41	33139	10.01	ug/l	96
15) Acrylonitrile	5.43	53	21410	48.78	ug/l	100
16) Acetone	4.16	43	19927	48.80	ug/l	97
17) Carbon Disulfide	4.41	76	70250	10.21	ug/l #	94
18) Methyl Acetate	4.72	43	10001	8.90	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	42579	9.48	ug/l	93
20) Methylene Chloride	4.97	84	26715	9.99	ug/l	88
21) trans-1,2-Dichloroethene	5.47	96	24881	10.55	ug/l	93
22) Diisopropyl ether	6.36	45	66111	9.94	ug/l #	92
23) Vinyl Acetate	6.31	43	181845	49.92	ug/l	97
24) 1,1-Dichloroethane	6.27	63	41631	10.11	ug/l	96
25) 2-Butanone	7.22	43	26405	46.98	ug/l #	89
26) 2,2-Dichloropropane	7.21	77	36007	9.84	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	24322	9.68	ug/l	95
28) Bromochloromethane	7.56	49	14984	9.65	ug/l	99
29) Tetrahydrofuran	7.56	42	17561	49.63	ug/l	96
30) Chloroform	7.71	83	42140	9.90	ug/l	96
31) Cyclohexane	7.99	56	41062	10.13	ug/l #	85
32) 1,1,1-Trichloroethane	7.91	97	38588	9.83	ug/l	97
36) 1,1-Dichloropropene	8.11	75	33114	9.77	ug/l	99
37) Ethyl Acetate	7.30	43	11988	9.09	ug/l #	97
38) Carbon Tetrachloride	8.10	117	35447	9.97	ug/l	98

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 VSTDIC010

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 12:42:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	38442	9.77	ug/l	97
40) Benzene	8.36	78	90737	9.91	ug/l	95
41) Methacrylonitrile	7.53	41	7412	9.02	ug/l #	71
42) 1,2-Dichloroethane	8.43	62	27314	9.74	ug/l	98
43) Isopropyl Acetate	8.45	43	24447	9.45	ug/l	98
44) Trichloroethene	9.11	130	25242	9.92	ug/l	91
45) 1,2-Dichloropropane	9.39	63	23054	9.96	ug/l	95
46) Dibromomethane	9.47	93	12420	9.95	ug/l	98
47) Bromodichloromethane	9.66	83	32827	9.76	ug/l #	99
48) Methyl methacrylate	9.46	41	12692	10.03	ug/l	99
49) 1,4-Dioxane	9.47	88	2602	198.26	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	59410	47.12	ug/l	96
52) Toluene	10.41	92	56844	9.69	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	28889	9.75	ug/l	91
54) cis-1,3-Dichloropropene	10.09	75	35734	10.18	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	16280	9.82	ug/l	92
56) Ethyl methacrylate	10.66	69	17530	9.33	ug/l #	92
57) 1,3-Dichloropropane	10.95	76	27722	9.65	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	41486	47.08	ug/l	100
59) 2-Hexanone	10.99	43	39054	46.47	ug/l	100
60) Dibromochloromethane	11.14	129	21835	9.79	ug/l	98
61) 1,2-Dibromoethane	11.25	107	15639	9.68	ug/l	98
64) Tetrachloroethene	10.87	164	21218	9.71	ug/l	96
65) Chlorobenzene	11.67	112	60905	9.76	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	22129	9.57	ug/l	96
67) Ethyl Benzene	11.75	91	107608	9.75	ug/l	98
68) m/p-Xylenes	11.86	106	84133	19.80	ug/l	97
69) o-Xylene	12.18	106	36108	9.58	ug/l	99
70) Styrene	12.20	104	62116	9.54	ug/l	98
71) Bromoform	12.36	173	11228	8.89	ug/l #	99
73) Isopropylbenzene	12.48	105	99430	9.57	ug/l	99
74) N-amyl acetate	12.29	43	21577	9.36	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	17710	9.80	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	22423	18.55	ug/l #	100
77) Bromobenzene	12.77	156	23793	9.65	ug/l	95
78) n-propylbenzene	12.83	91	121995	9.67	ug/l	100
79) 2-Chlorotoluene	12.91	91	68746	9.93	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	83255	9.63	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	5174	9.45	ug/l	96
82) 4-Chlorotoluene	13.01	91	74198	9.92	ug/l	97
83) tert-Butylbenzene	13.23	119	71959	9.62	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	82792	9.57	ug/l	98
85) sec-Butylbenzene	13.41	105	101042	9.64	ug/l	98
86) p-Isopropyltoluene	13.52	119	91281	9.59	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	47859	9.73	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	46962	9.57	ug/l	93
89) n-Butylbenzene	13.85	91	87555	9.57	ug/l	98
90) Hexachloroethane	14.11	117	18640	9.64	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	41376	9.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	2684	8.98	ug/l	85

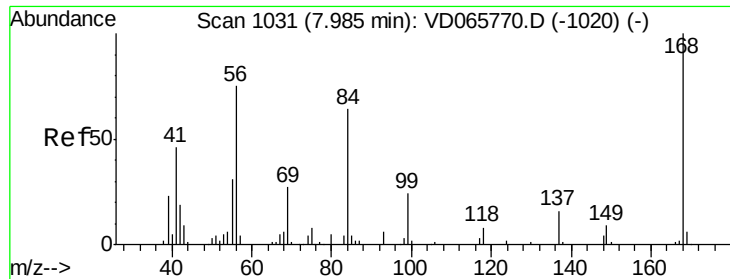
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
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Acq On : 05 Jun 2020 10:57
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Sample : VSTDICC010
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Quant Title : SW846 8260
QLast Update : Fri Jun 05 12:42:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	26706	9.56	ug/l	99
94) Hexachlorobutadiene	15.27	225	16005	9.30	ug/l	98
95) Naphthalene	15.41	128	41797	8.96	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	22521	9.37	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

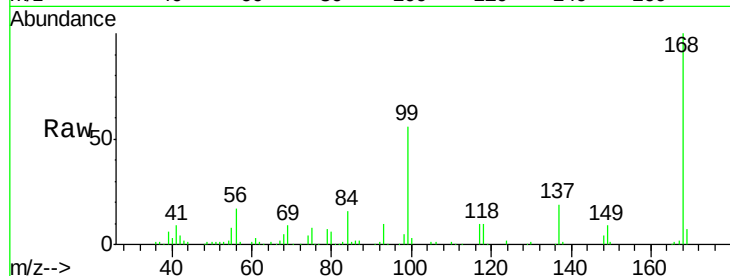
VSTDIC010

Tgt Ion:168 Resp: 215352

Ion Ratio Lower Upper

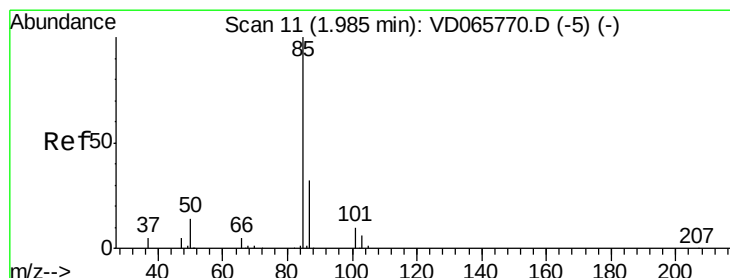
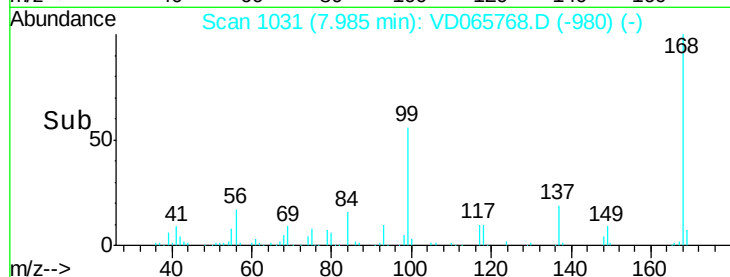
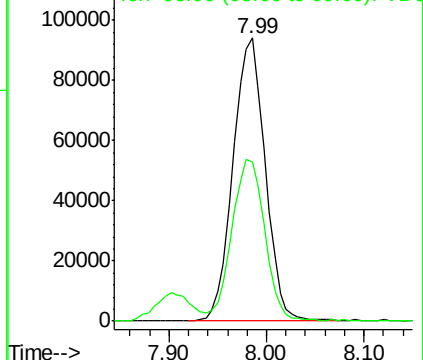
168 100

99 56.0 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: 10.53 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065768.D

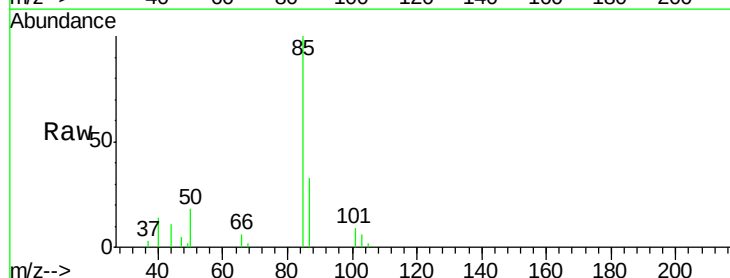
Acq: 05 Jun 2020 10:57

Tgt Ion: 85 Resp: 18493

Ion Ratio Lower Upper

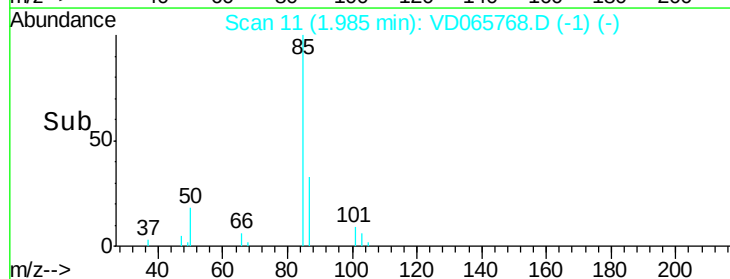
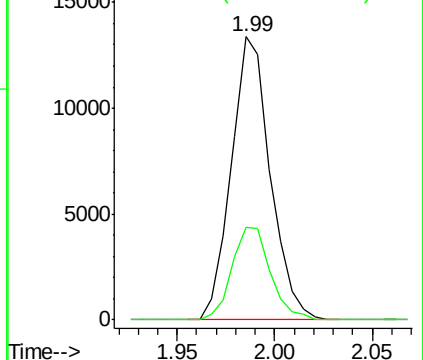
85 100

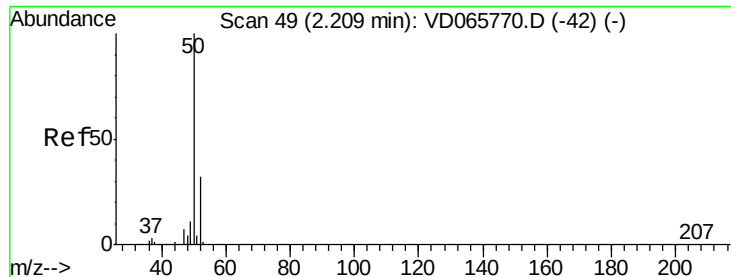
87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 10.61 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

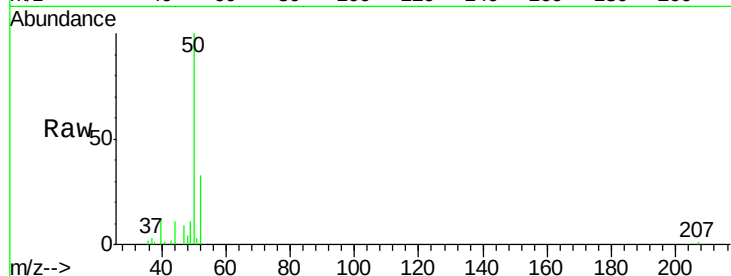
VSTDIC010

Tgt Ion: 50 Resp: 31629

Ion Ratio Lower Upper

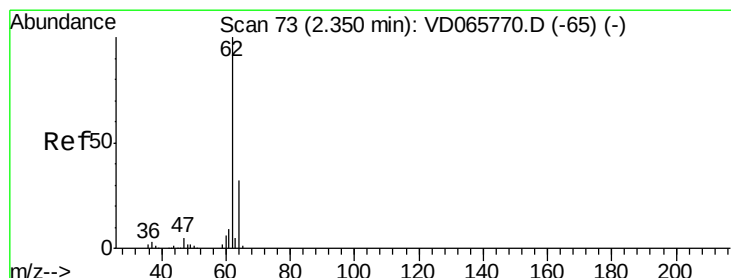
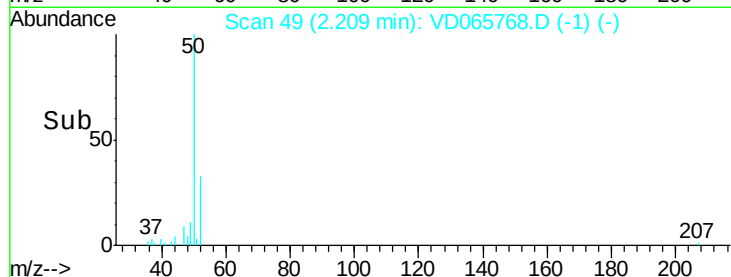
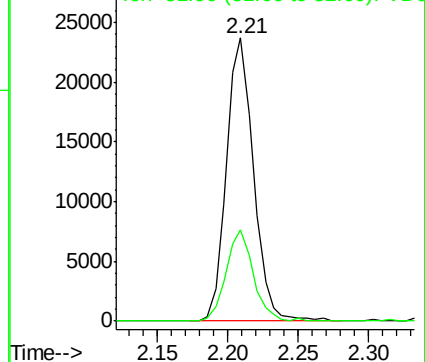
50 100

52 32.5 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: 10.24 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065768.D

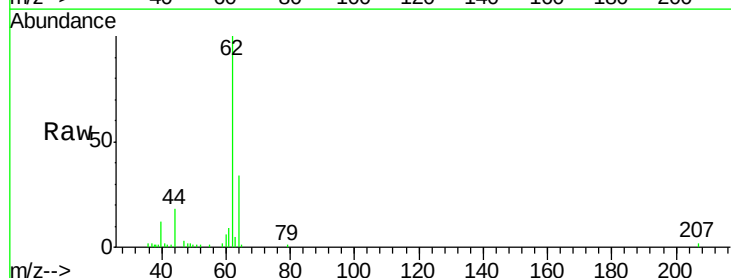
Acq: 05 Jun 2020 10:57

Tgt Ion: 62 Resp: 34882

Ion Ratio Lower Upper

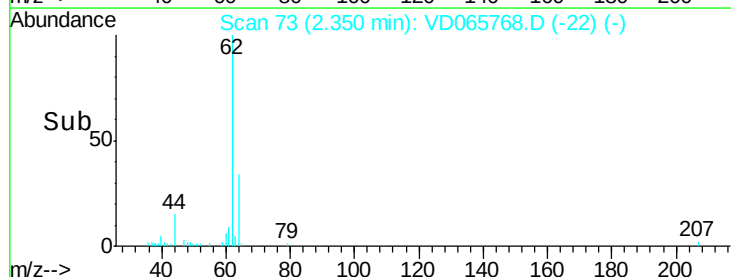
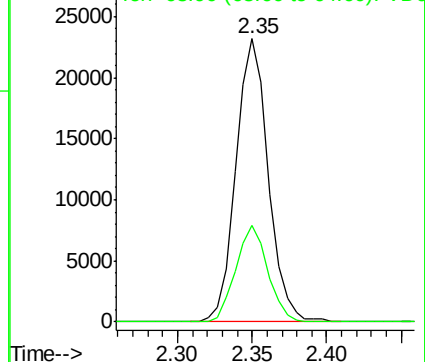
62 100

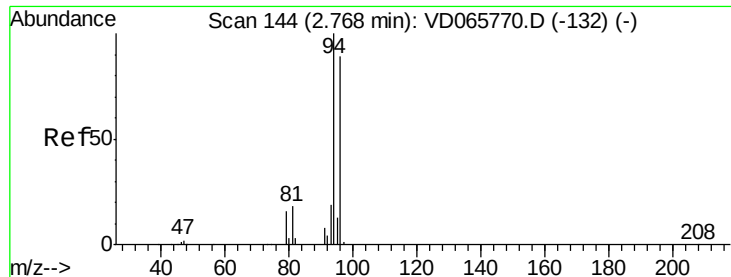
64 34.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 10.46 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

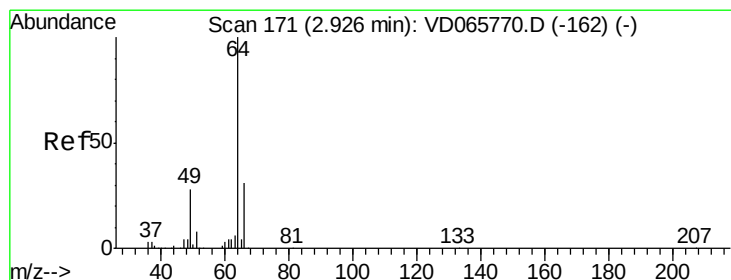
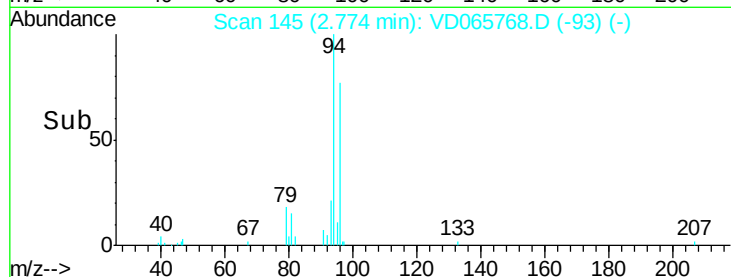
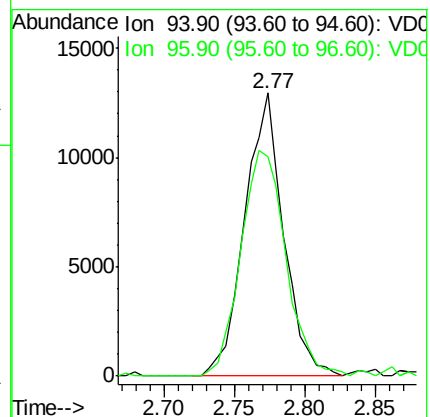
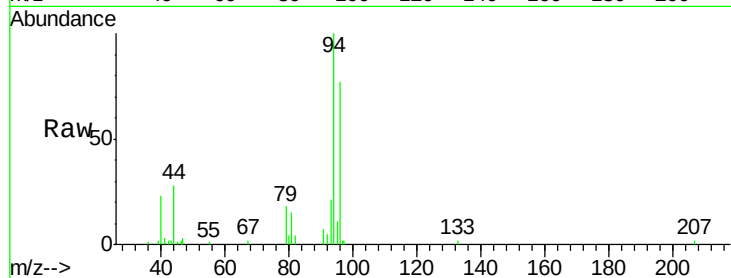
VSTDIC010

Tgt Ion: 94 Resp: 24932

Ion Ratio Lower Upper

94 100

96 77.4 71.4 107.0



#6

Chloroethane

Concen: 10.35 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065768.D

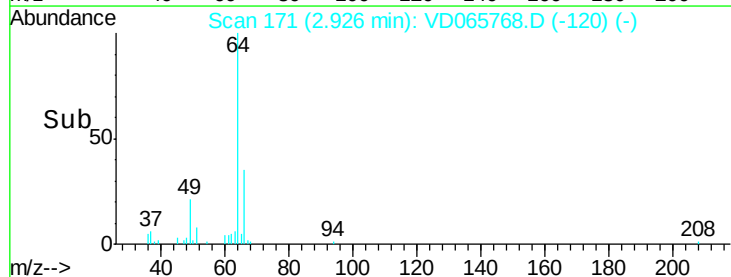
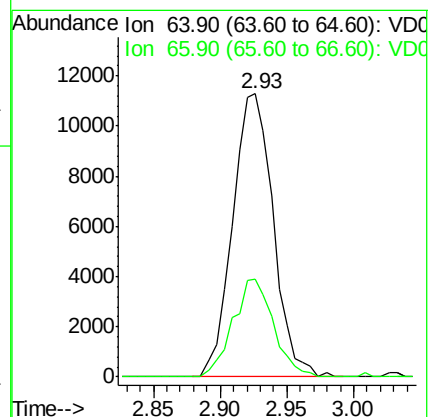
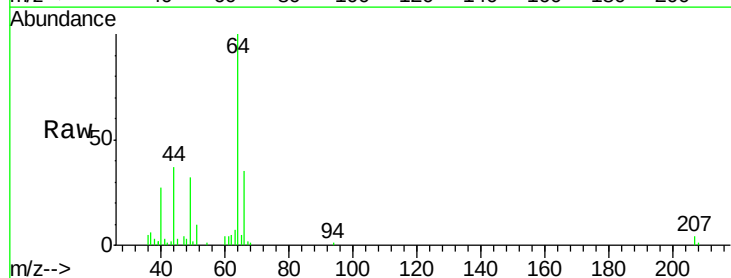
Acq: 05 Jun 2020 10:57

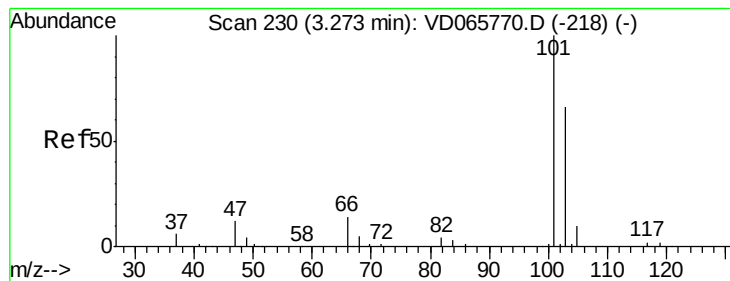
Tgt Ion: 64 Resp: 23764

Ion Ratio Lower Upper

64 100

66 34.6 24.5 36.7



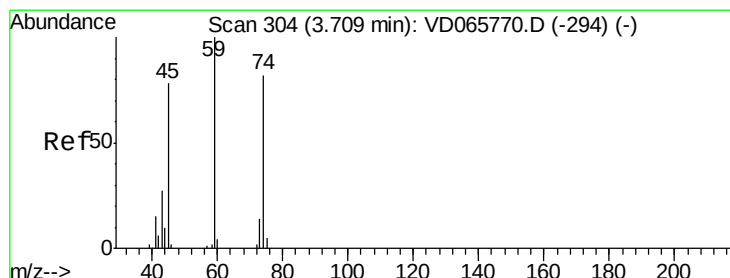
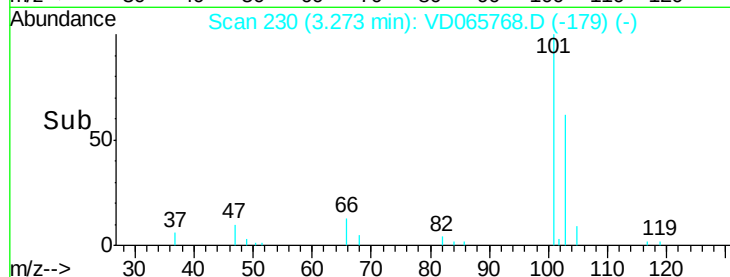
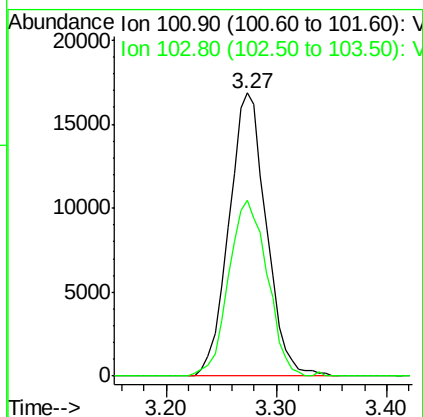
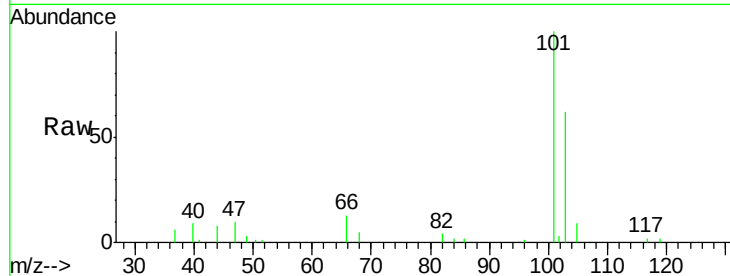


#7

Trichlorofluoromethane
 Concen: 10.42 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

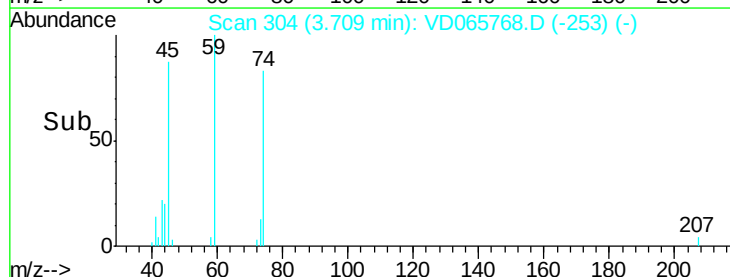
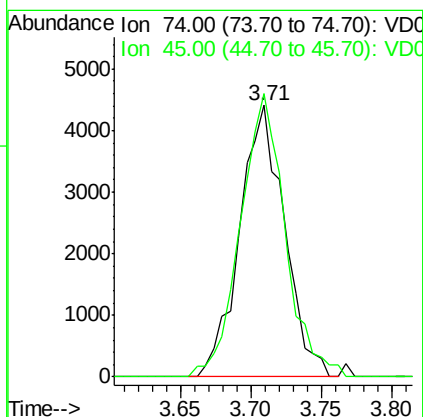
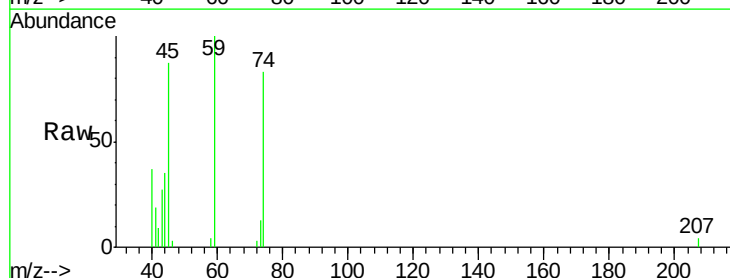
Tgt Ion:101 Resp: 39883
 Ion Ratio Lower Upper
 101 100
 103 62.3 53.1 79.7

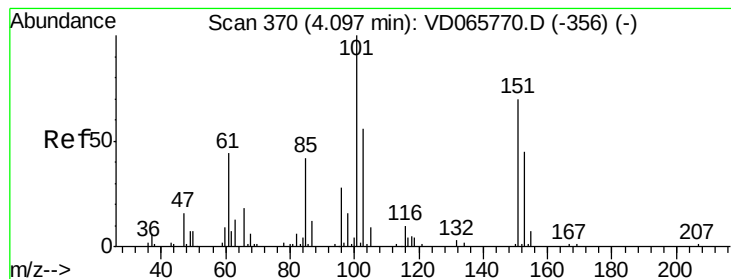


#8

Diethyl Ether
 Concen: 10.11 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Tgt Ion: 74 Resp: 9795
 Ion Ratio Lower Upper
 74 100
 45 104.4 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.16 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

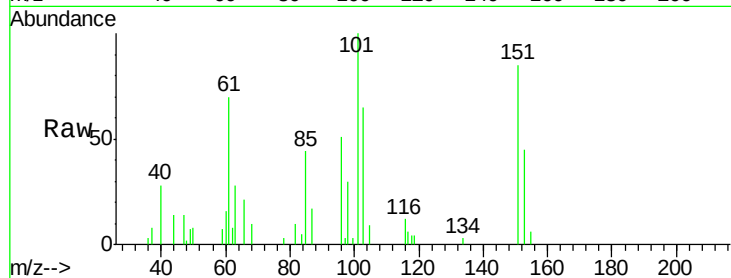
Tgt Ion:101 Resp: 23086

Ion Ratio Lower Upper

101 100

85 46.8 36.5 54.7

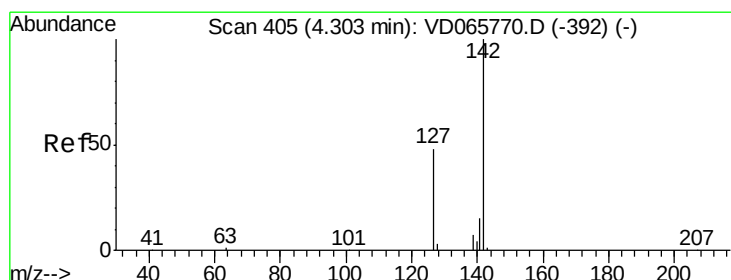
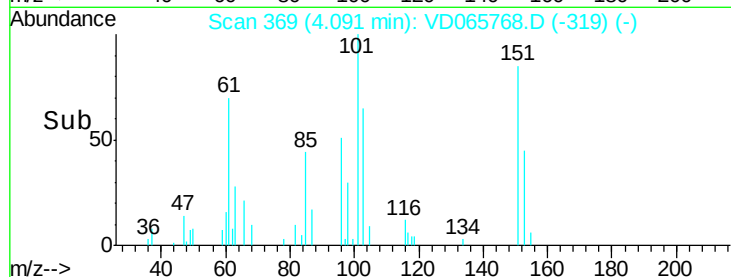
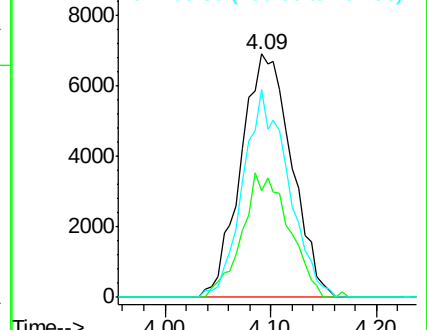
151 75.5 61.8 92.6



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: 9.49 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

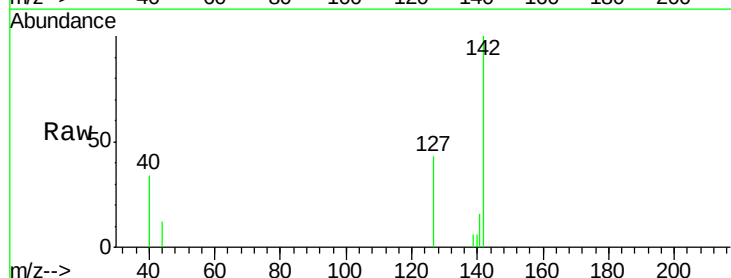
Tgt Ion:142 Resp: 18826

Ion Ratio Lower Upper

142 100

127 48.2 37.6 56.4

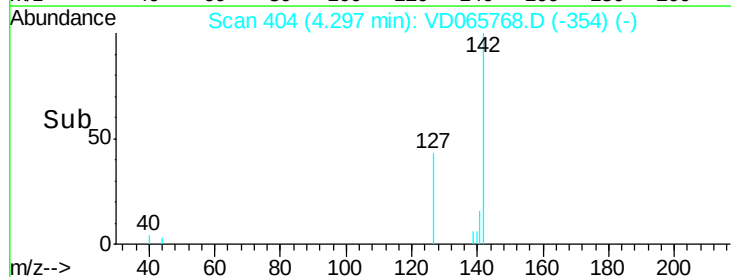
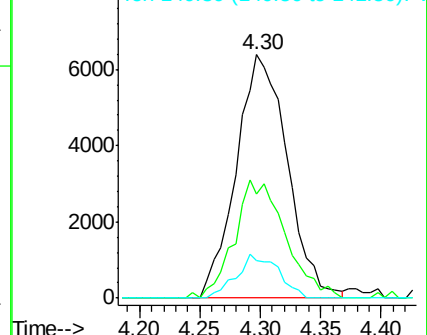
141 14.7 12.1 18.1

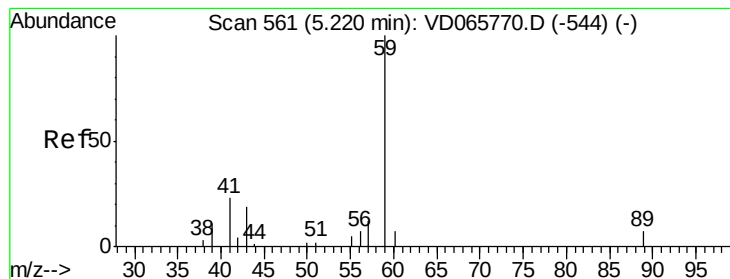


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 47.44 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

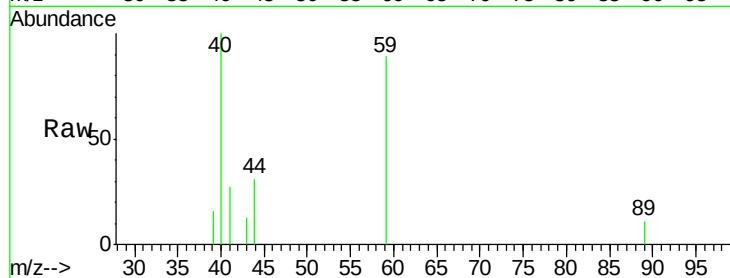
VSTDIC010

Tgt Ion: 59 Resp: 8286

Ion Ratio Lower Upper

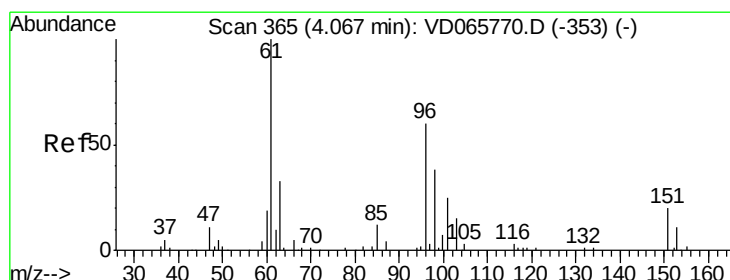
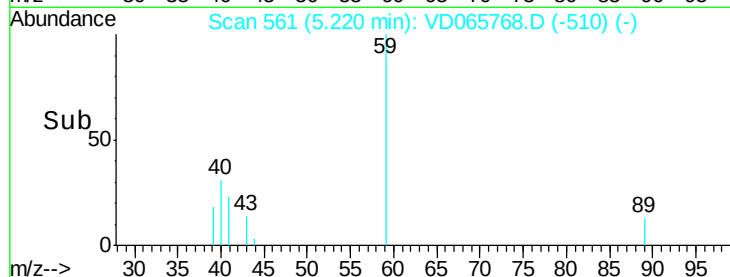
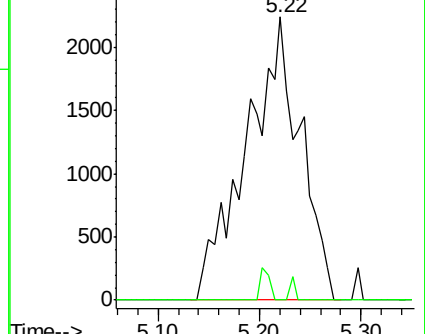
59 100

57 0.0 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: 9.81 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

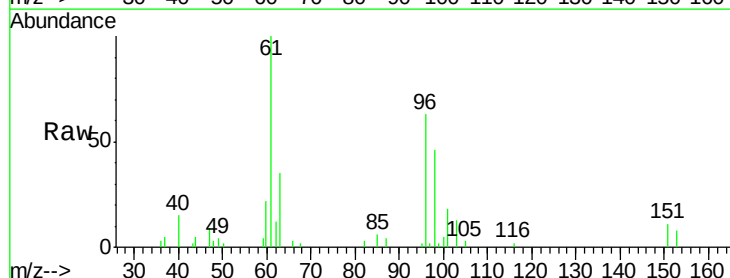
Tgt Ion: 96 Resp: 20012

Ion Ratio Lower Upper

96 100

61 157.5 132.3 198.5

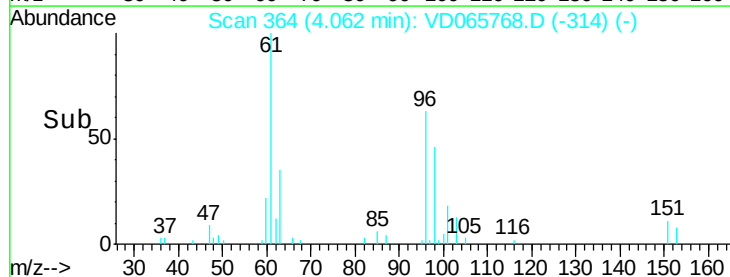
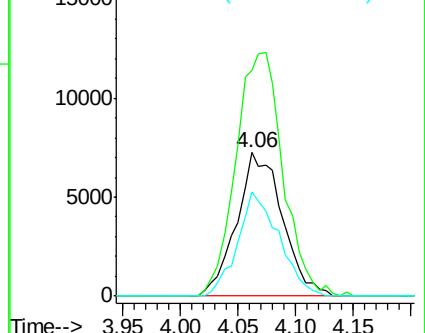
98 72.2 50.7 76.1

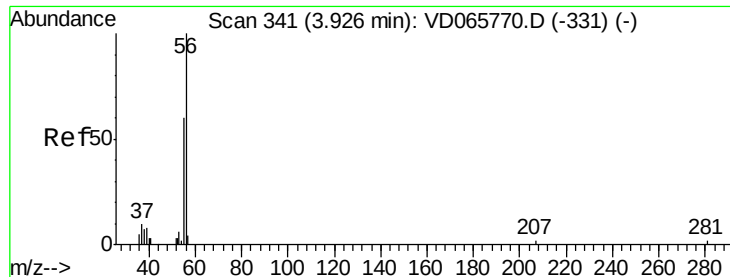


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 53.39 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

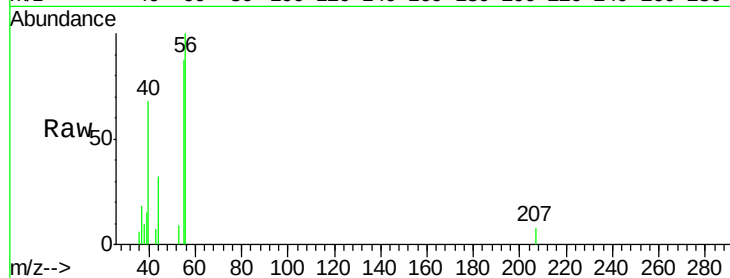
VSTDIC010

Tgt Ion: 56 Resp: 6845

Ion Ratio Lower Upper

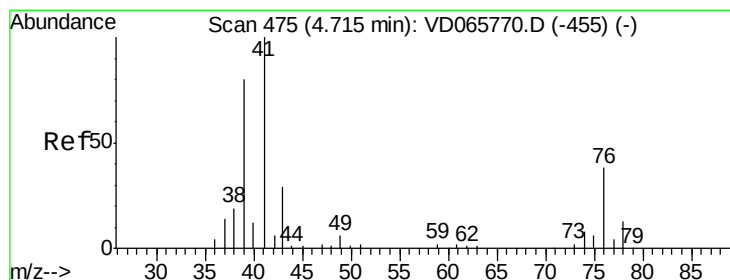
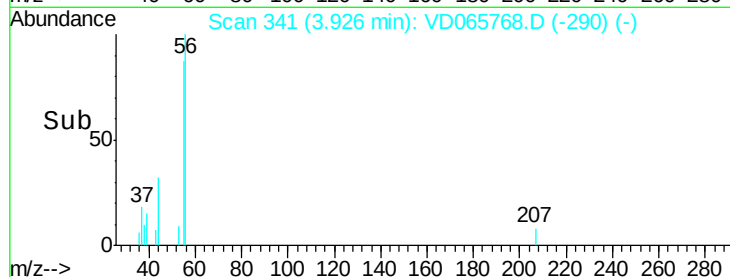
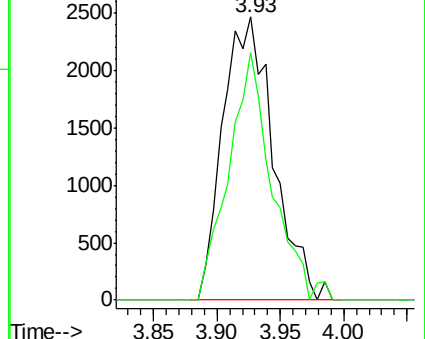
56 100

55 74.5 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 10.01 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

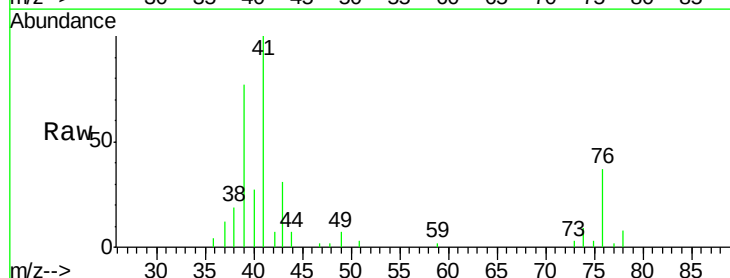
Tgt Ion: 41 Resp: 33139

Ion Ratio Lower Upper

41 100

39 80.9 60.9 91.3

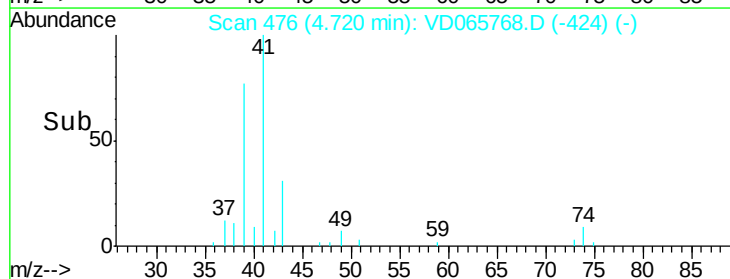
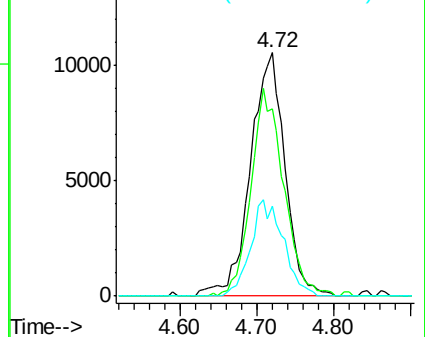
76 37.2 28.9 43.3

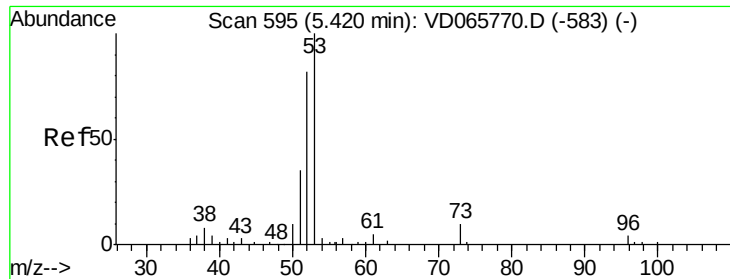


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 48.78 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

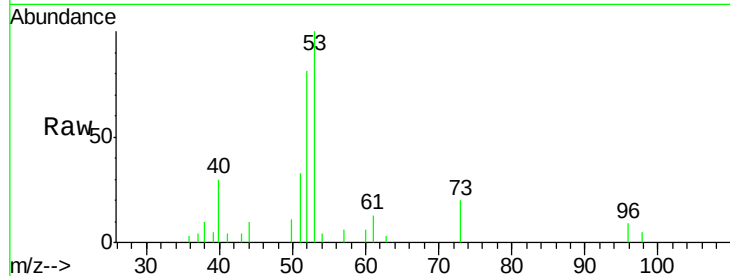
Tgt Ion: 53 Resp: 21410

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

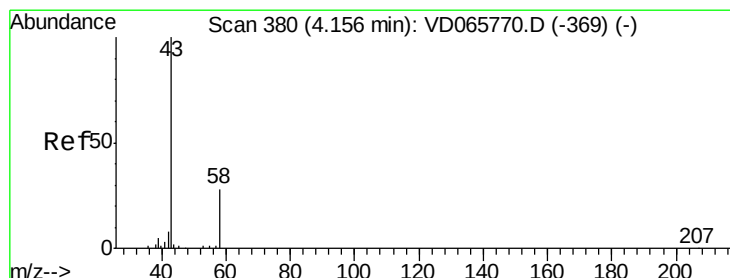
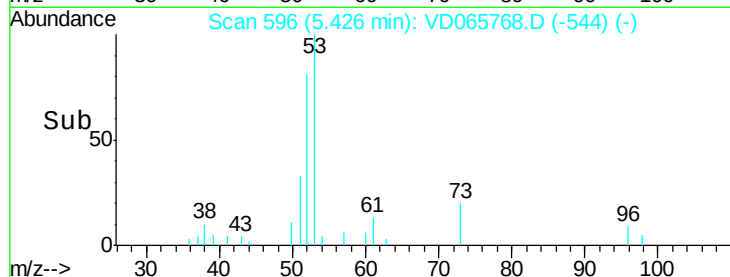
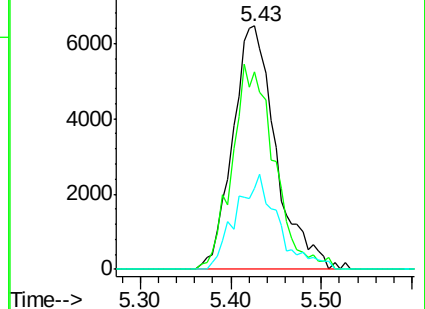
51 38.4 30.7 46.1



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: 48.80 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065768.D

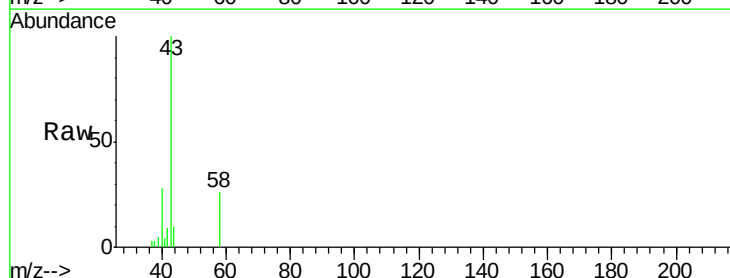
Acq: 05 Jun 2020 10:57

Tgt Ion: 43 Resp: 19927

Ion Ratio Lower Upper

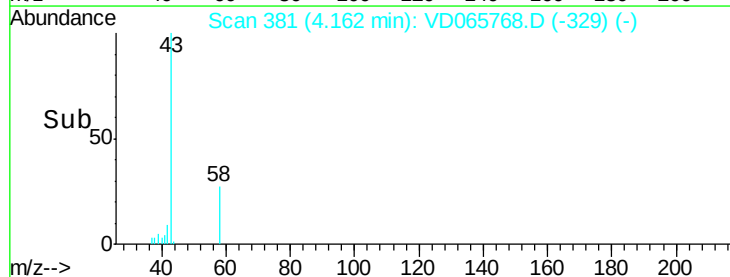
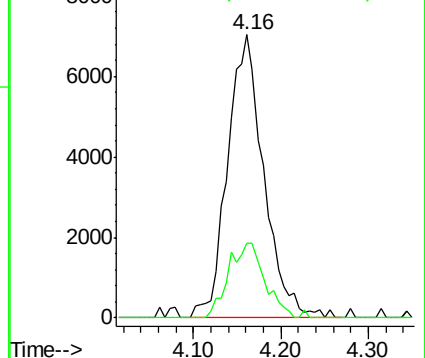
43 100

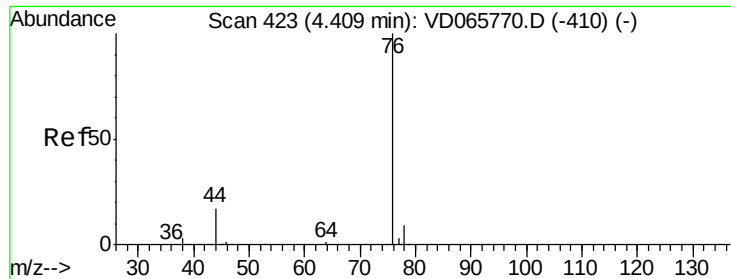
58 26.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 10.21 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

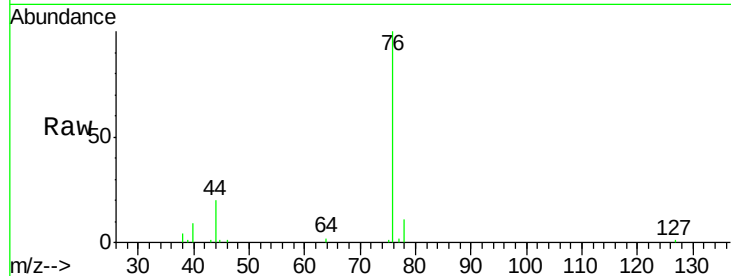
VSTDIC010

Tgt Ion: 76 Resp: 70250

Ion Ratio Lower Upper

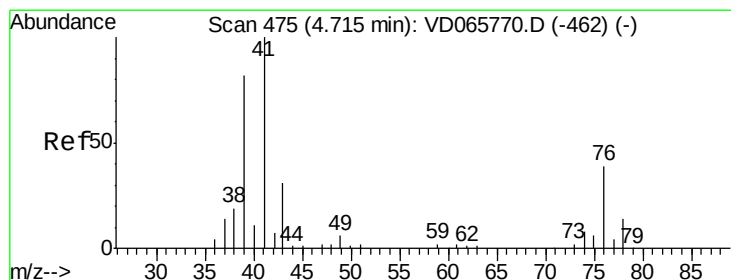
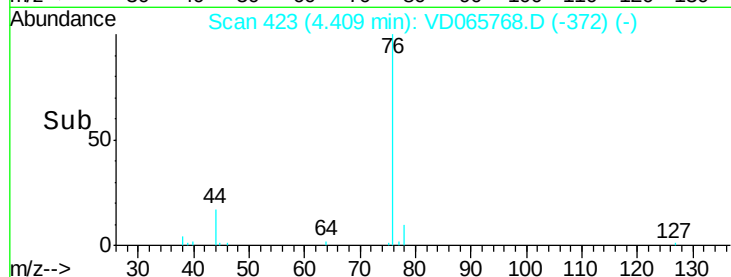
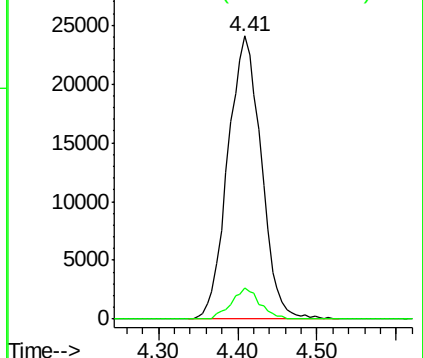
76 100

78 11.2 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 8.90 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065768.D

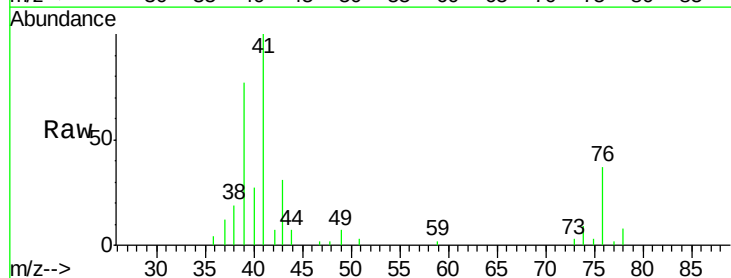
Acq: 05 Jun 2020 10:57

Tgt Ion: 43 Resp: 10001

Ion Ratio Lower Upper

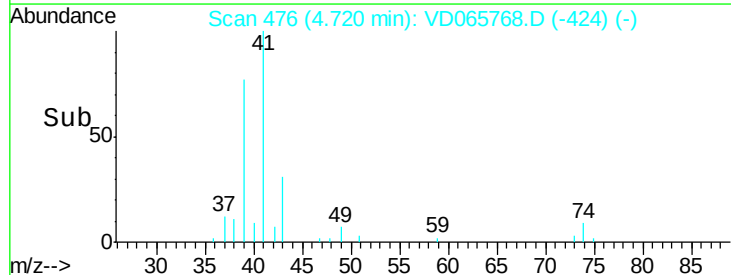
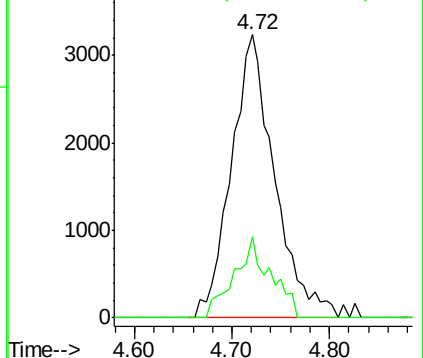
43 100

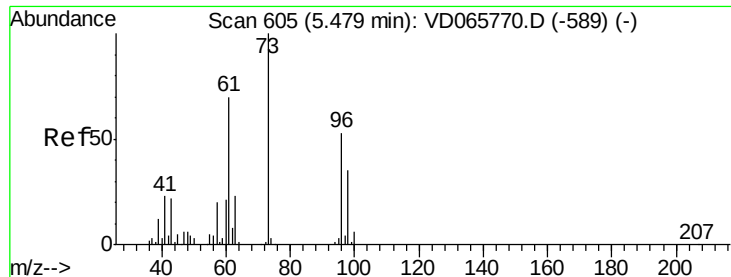
74 24.0 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





#19

Methyl tert-butyl Ether

Concen: 9.48 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

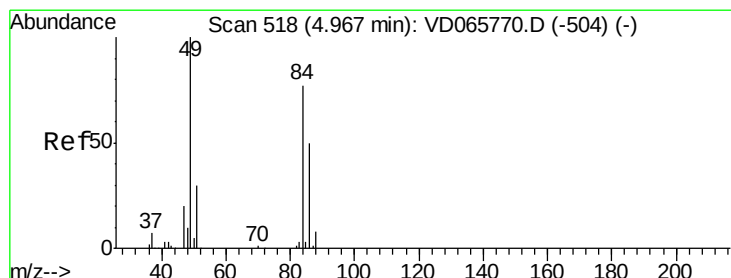
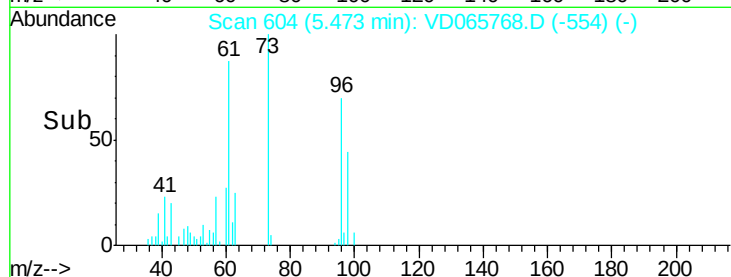
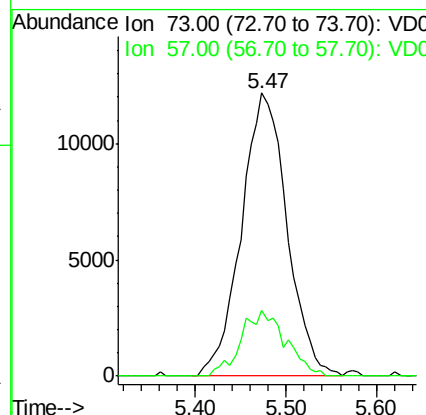
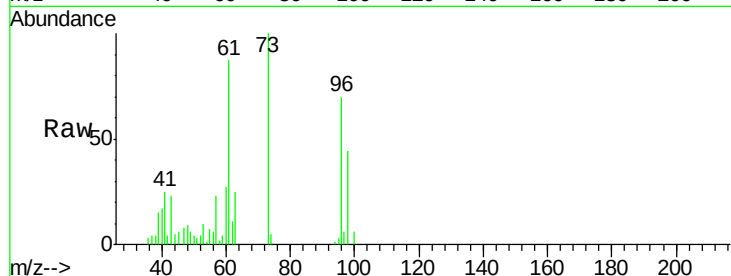
VSTDIC010

Tgt Ion: 73 Resp: 42579

Ion Ratio Lower Upper

73 100

57 23.3 16.2 24.2



#20

Methylene Chloride

Concen: 9.99 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Tgt Ion: 84 Resp: 26715

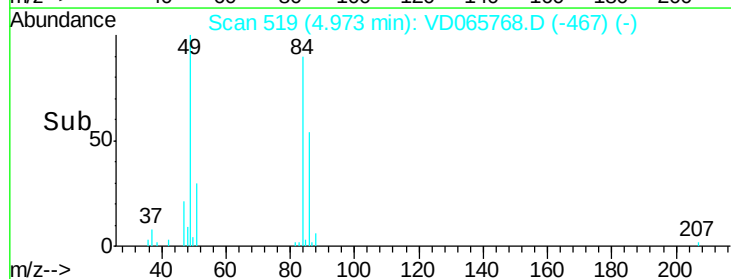
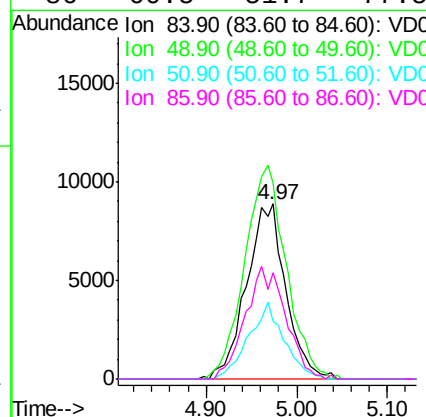
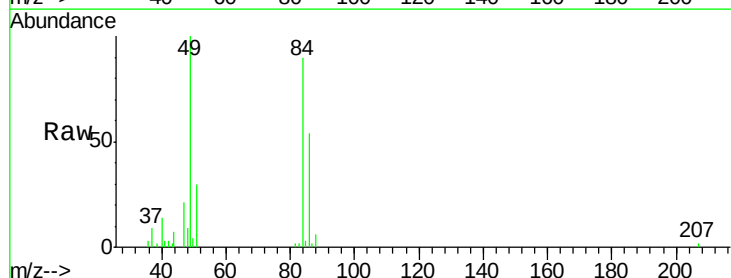
Ion Ratio Lower Upper

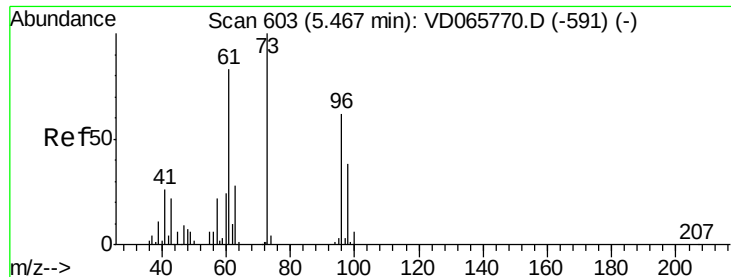
84 100

49 111.4 103.4 155.0

51 32.9 31.4 47.2

86 60.5 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 10.55 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

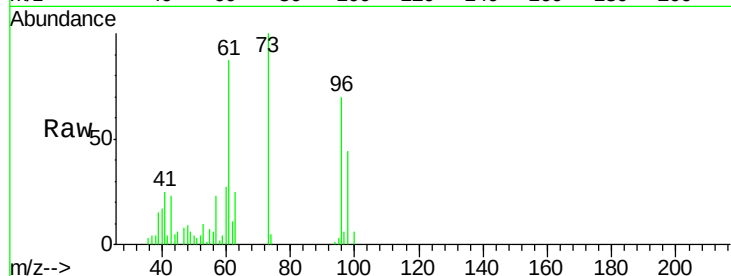
Tgt Ion: 96 Resp: 24881

Ion Ratio Lower Upper

96 100

61 124.0 107.7 161.5

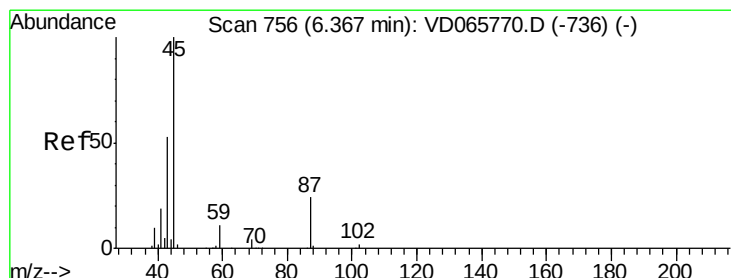
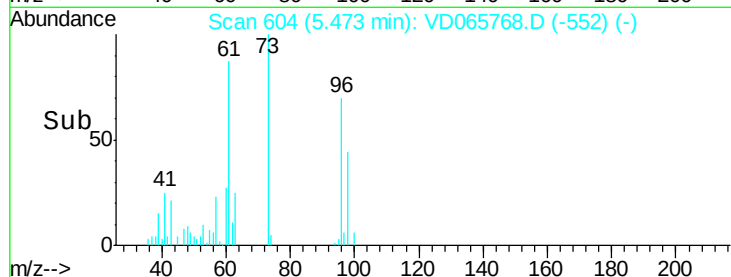
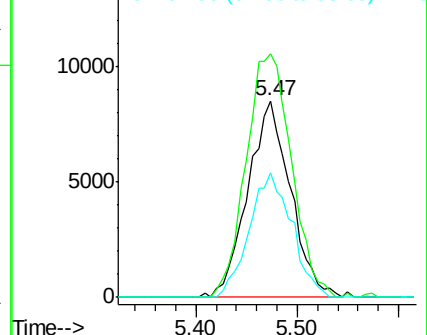
98 63.4 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 9.94 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Tgt Ion: 45 Resp: 66111

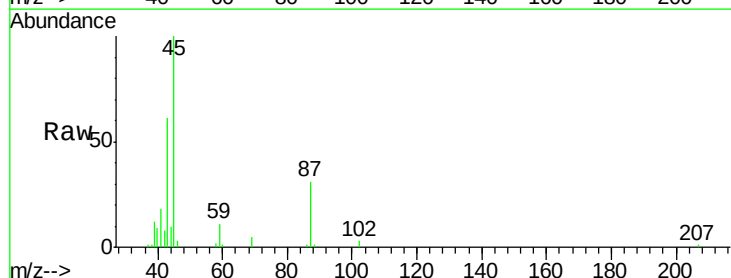
Ion Ratio Lower Upper

45 100

43 59.1 43.4 65.0

87 31.3 20.2 30.4#

59 10.6 9.4 14.0

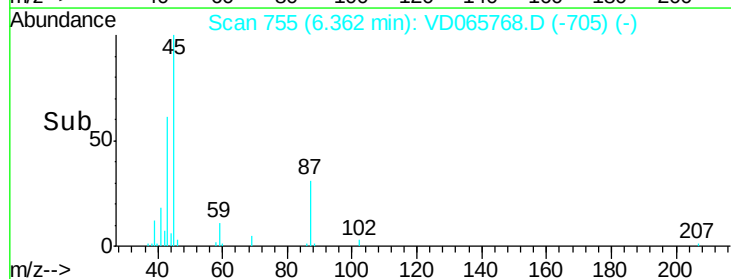
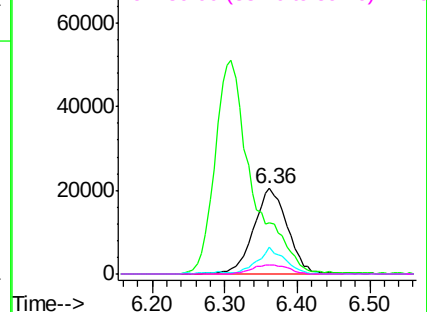


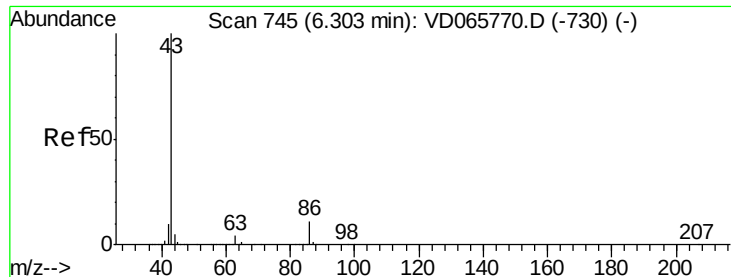
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 49.92 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

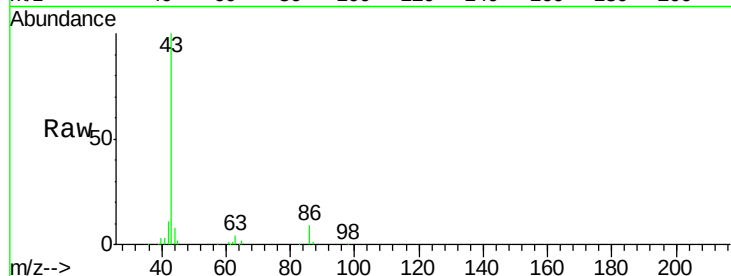
VSTDIC010

Tgt Ion: 43 Resp: 181845

Ion Ratio Lower Upper

43 100

86 9.3 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

60000

50000

40000

30000

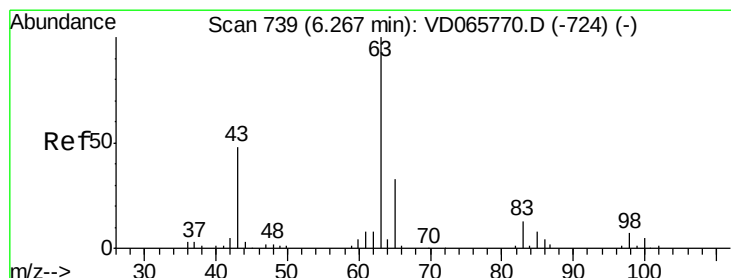
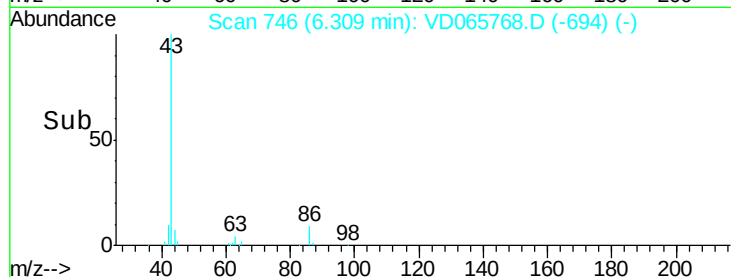
20000

10000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 10.11 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

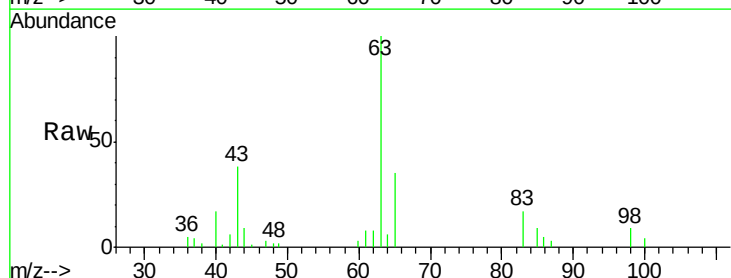
Tgt Ion: 63 Resp: 41631

Ion Ratio Lower Upper

63 100

98 9.1 3.5 10.5

100 4.2 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

15000

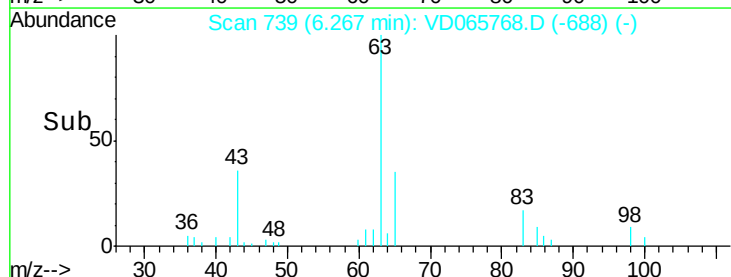
10000

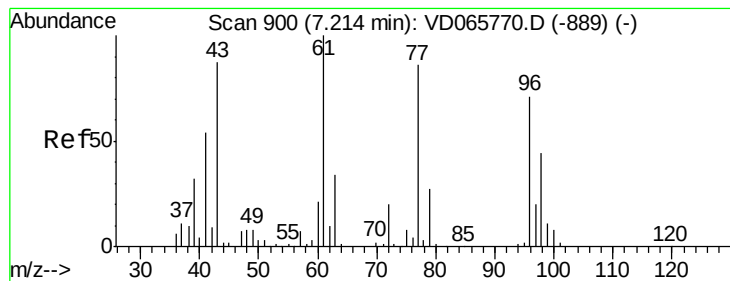
5000

0

6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 46.98 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

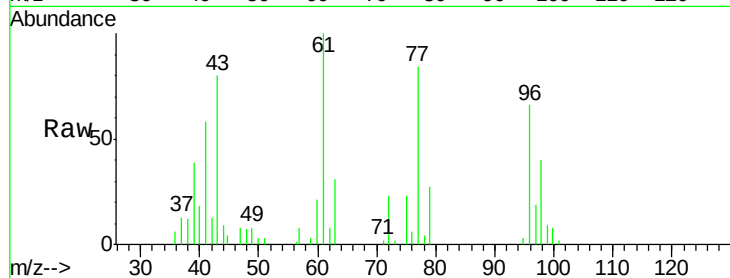
VSTDIC010

Tgt Ion: 43 Resp: 26405

Ion Ratio Lower Upper

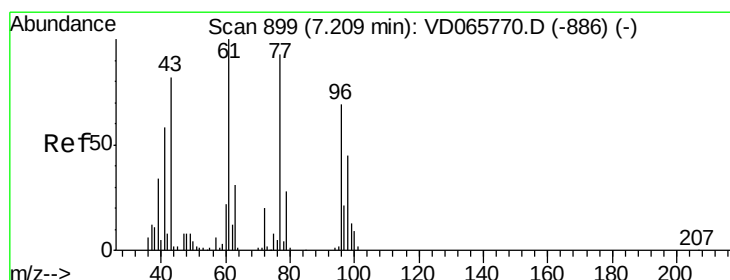
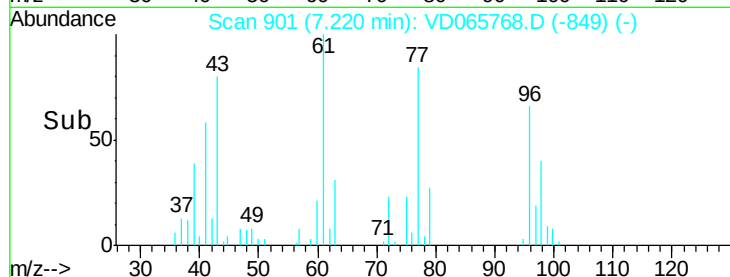
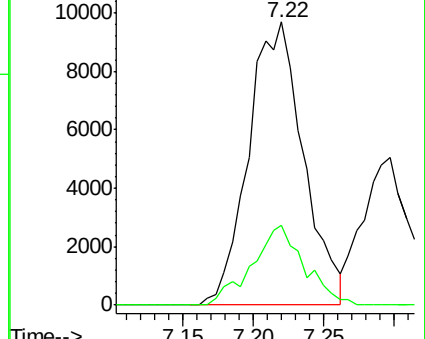
43 100

72 28.4 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 9.84 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD065768.D

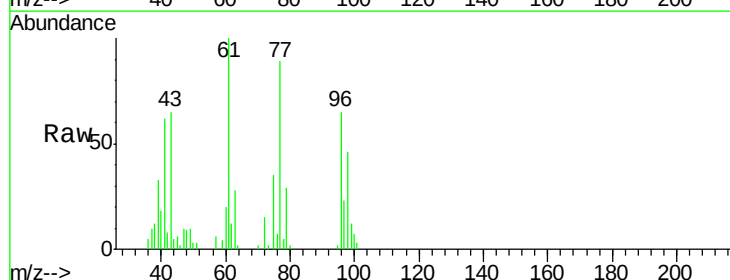
Acq: 05 Jun 2020 10:57

Tgt Ion: 77 Resp: 36007

Ion Ratio Lower Upper

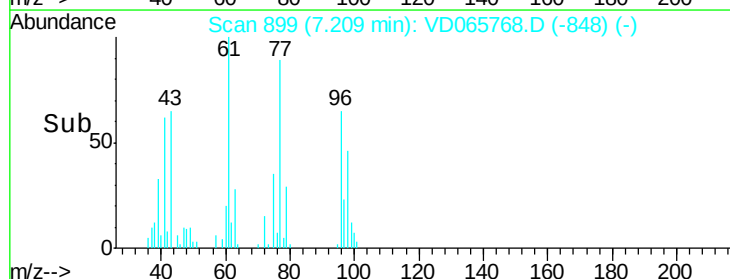
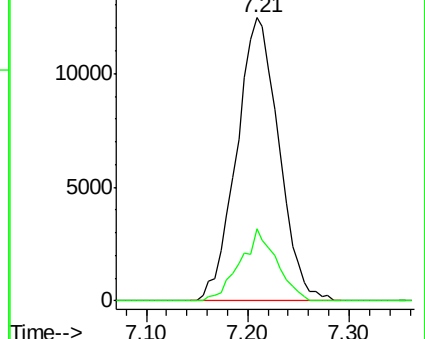
77 100

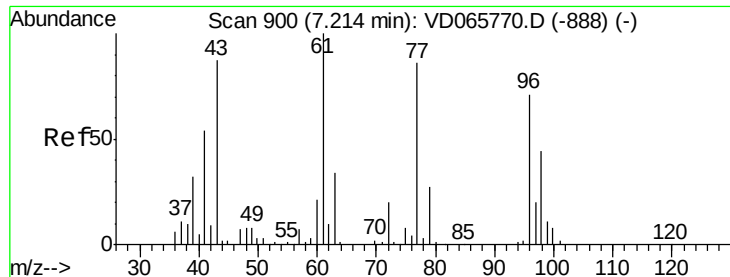
97 22.0 10.9 32.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 9.68 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

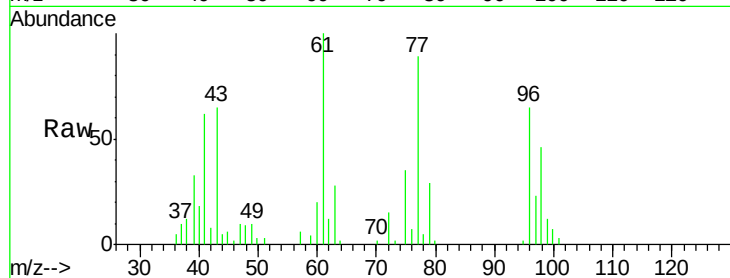
Tgt Ion: 96 Resp: 24322

Ion Ratio Lower Upper

96 100

61 152.8 0.0 291.2

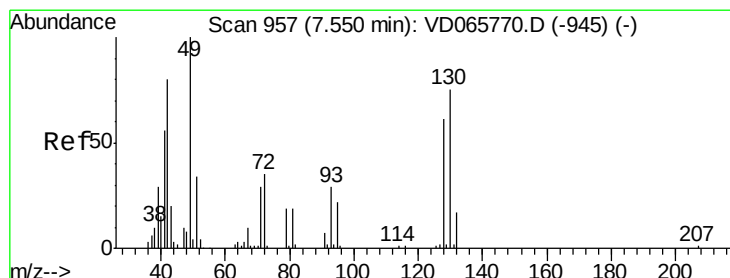
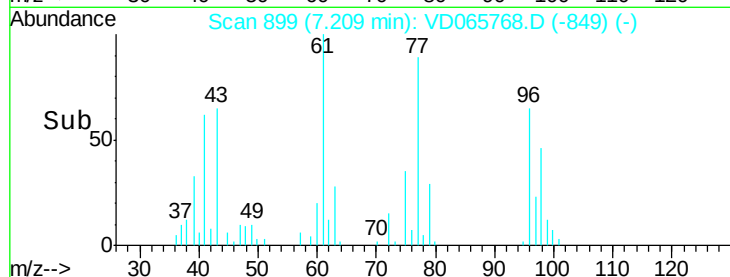
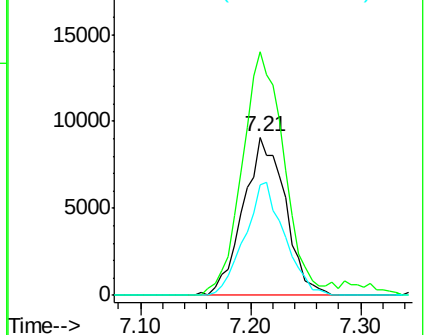
98 67.0 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 9.65 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

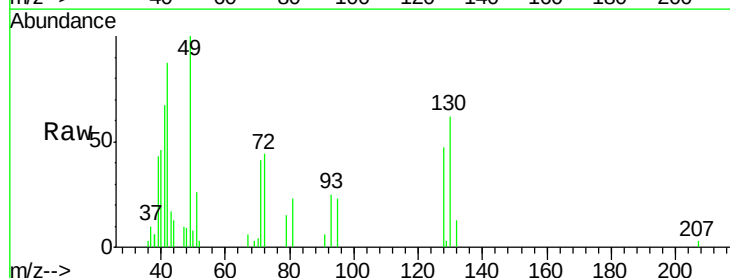
Tgt Ion: 49 Resp: 14984

Ion Ratio Lower Upper

49 100

129 3.3 0.0 4.6

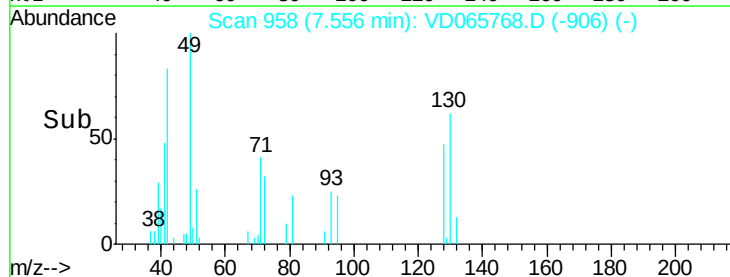
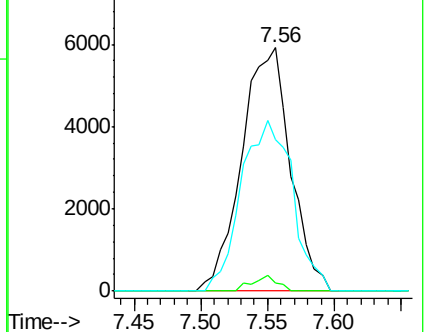
130 73.9 59.5 89.3

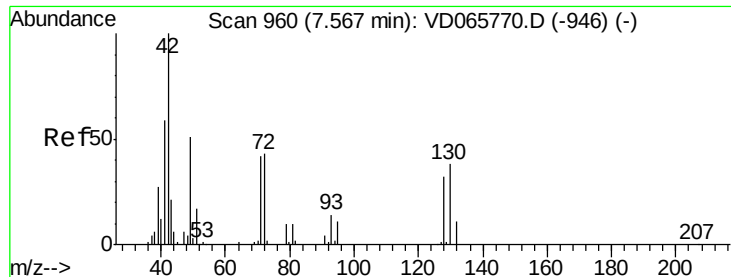


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

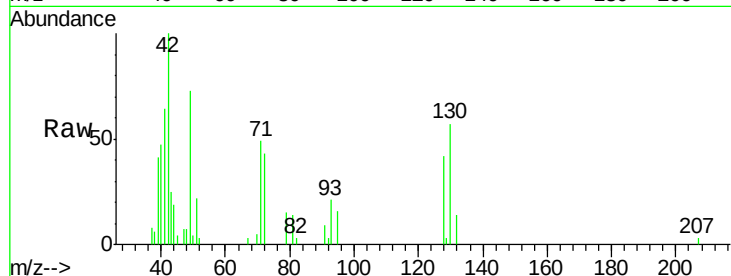




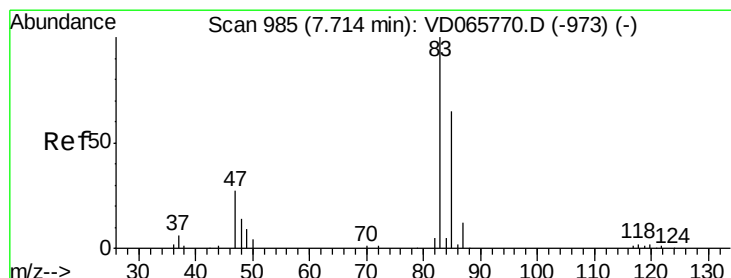
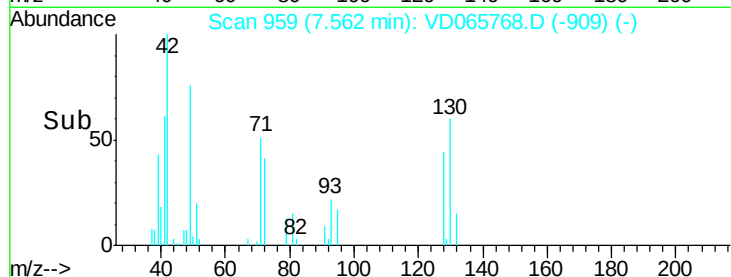
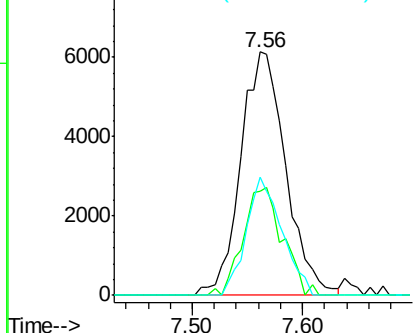
#29
Tetrahydrofuran
Concen: 49.63 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 42 Resp: 17561
Ion Ratio Lower Upper
42 100
72 38.9 34.9 52.3
71 38.6 31.2 46.8

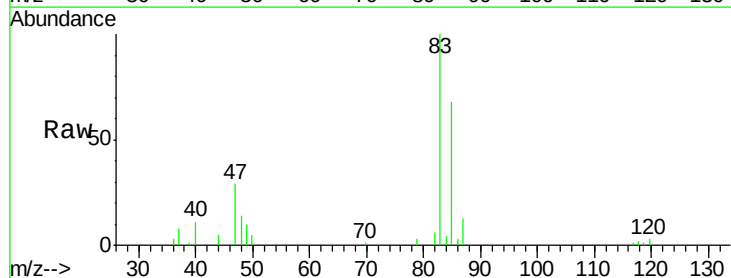


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

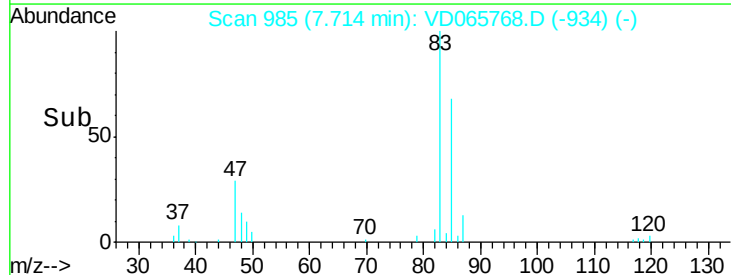
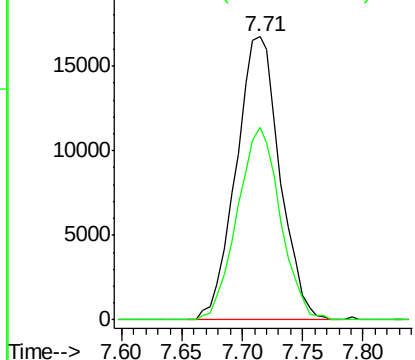


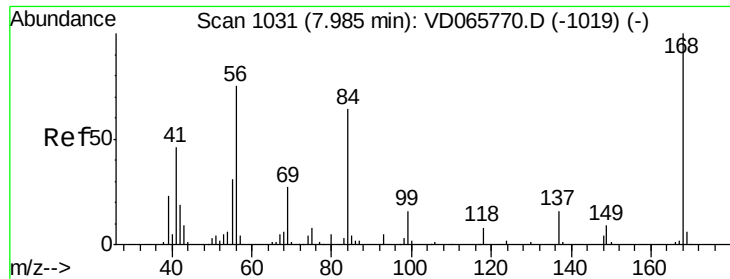
#30
Chloroform
Concen: 9.90 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

Tgt Ion: 83 Resp: 42140
Ion Ratio Lower Upper
83 100
85 67.8 51.9 77.9



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

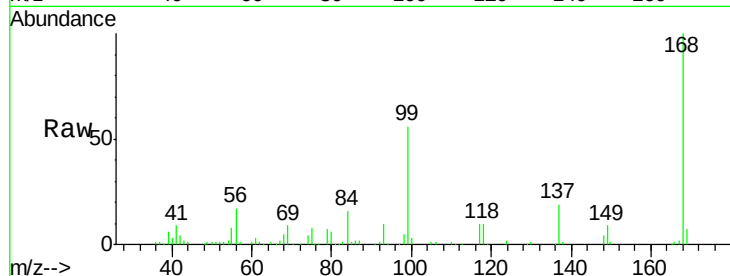




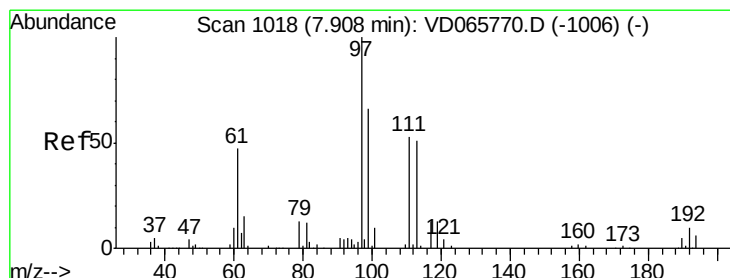
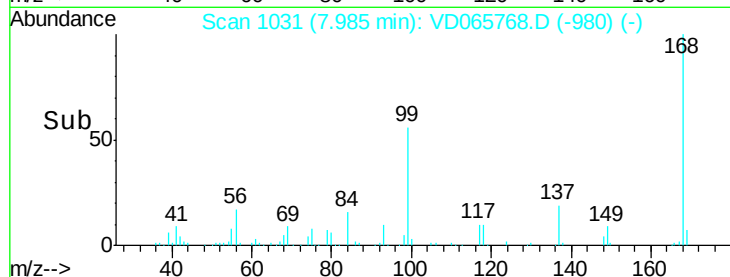
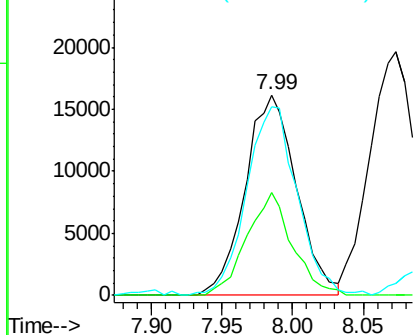
#31
Cyclohexane
Concen: 10.13 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 41062
Ion Ratio Lower Upper
56 100
69 51.6 28.5 42.7#
84 94.4 68.4 102.6

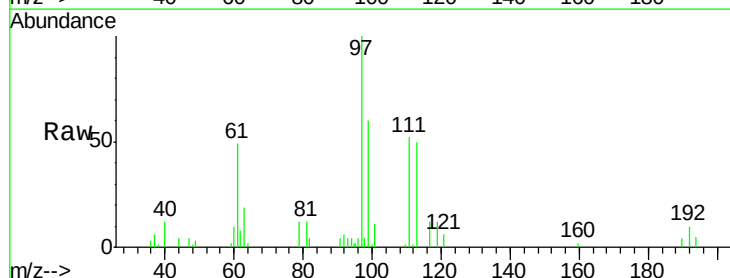


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

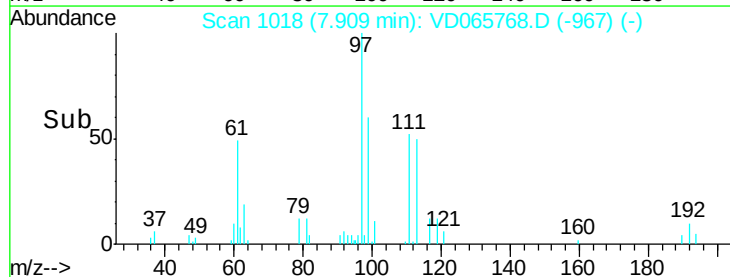
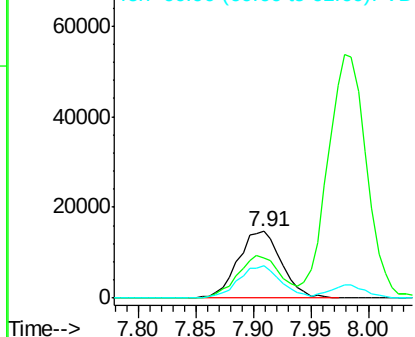


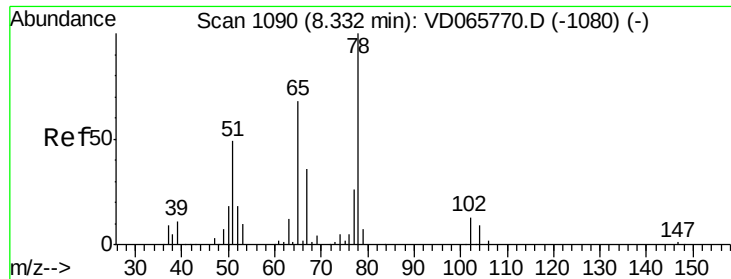
#32
1,1,1-Trichloroethane
Concen: 9.83 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

Tgt Ion: 97 Resp: 38588
Ion Ratio Lower Upper
97 100
99 63.5 49.2 73.8
61 47.2 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

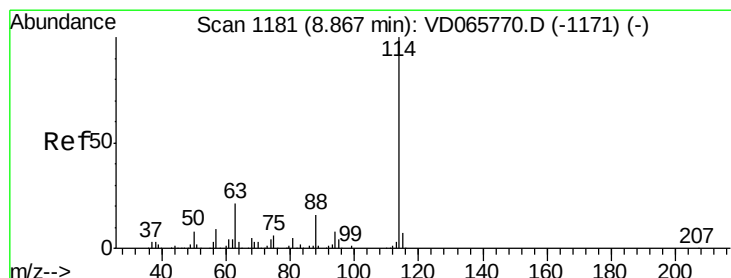
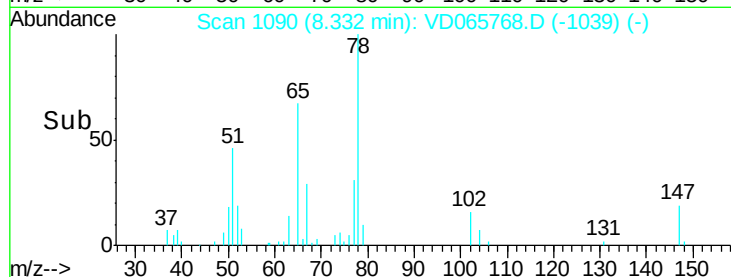
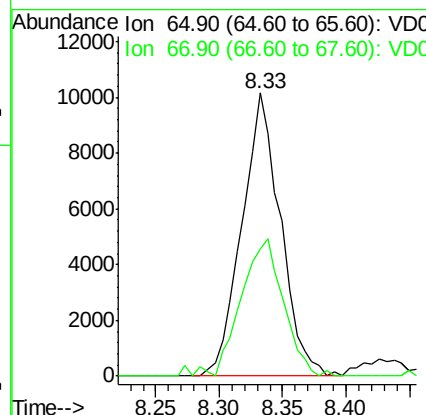
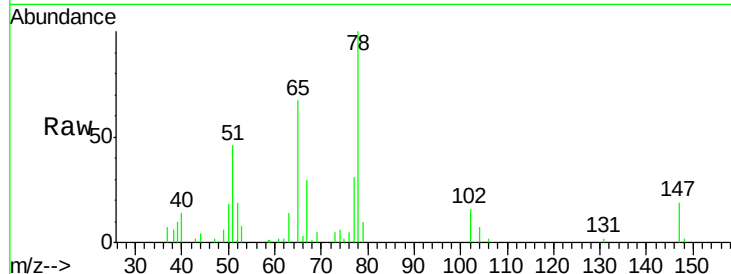




#33
 1,2-Dichloroethane-d4
 Concen: 9.95 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

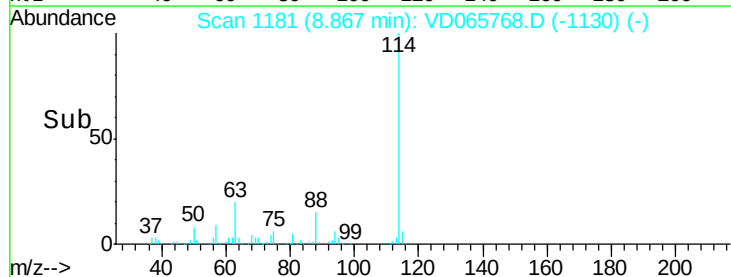
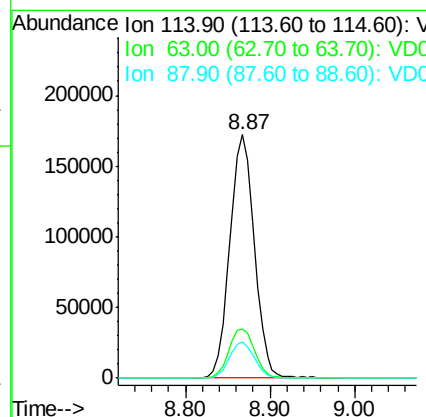
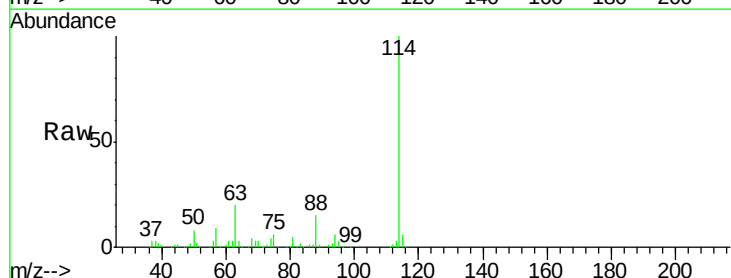
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

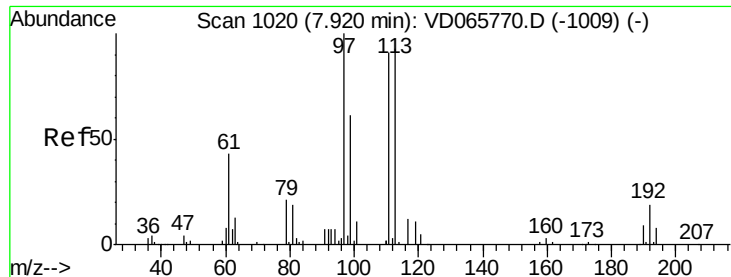
Tgt Ion: 65 Resp: 21458
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Tgt Ion: 114 Resp: 344778
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.8
 88 15.0 0.0 32.0

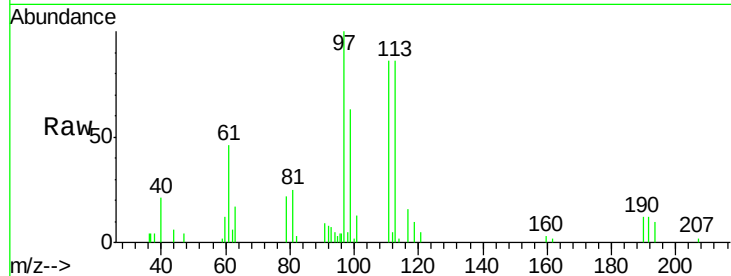




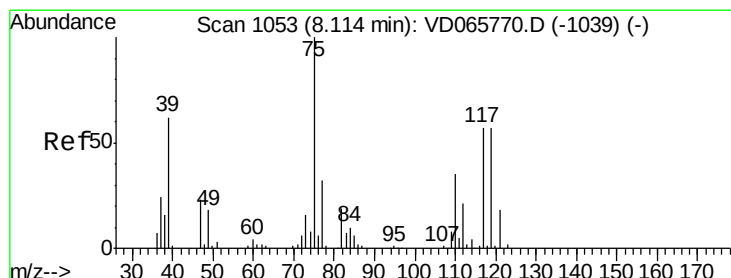
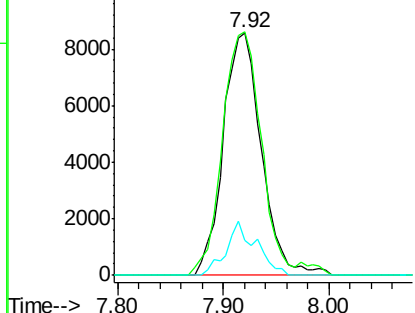
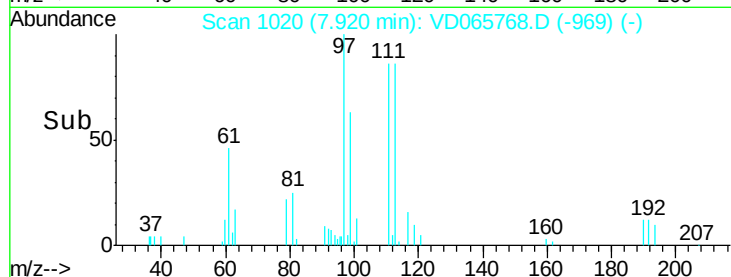
#35
 Dibromofluoromethane
 Concen: 9.82 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 113 Resp: 21460
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.4 125.0
 192 17.4 15.7 23.5

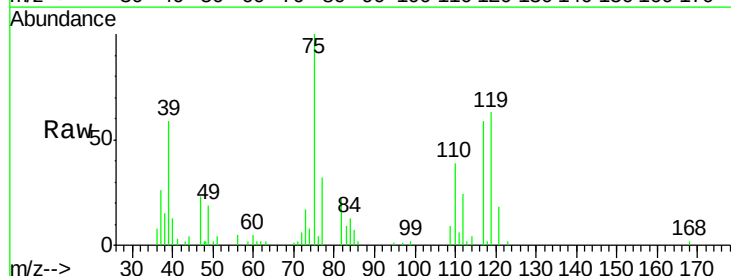


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

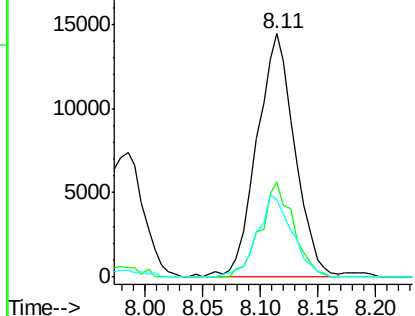
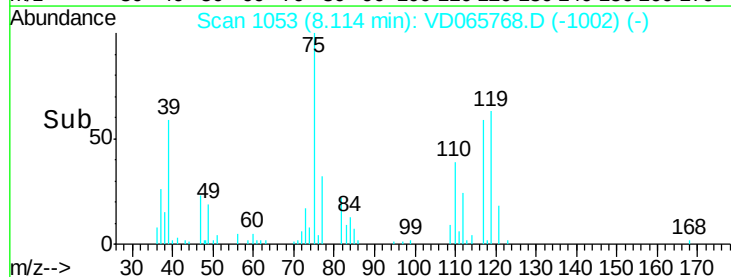


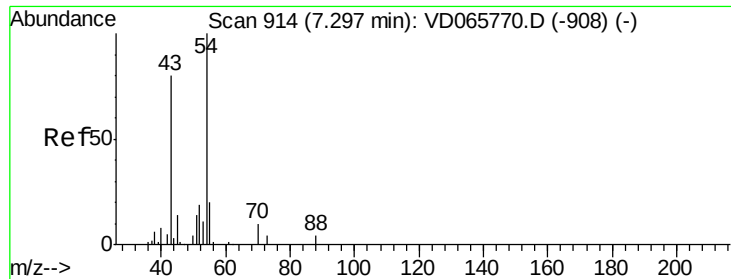
#36
 1,1-Dichloropropene
 Concen: 9.77 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Tgt Ion: 75 Resp: 33114
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.6 52.8
 77 31.1 25.1 37.7



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

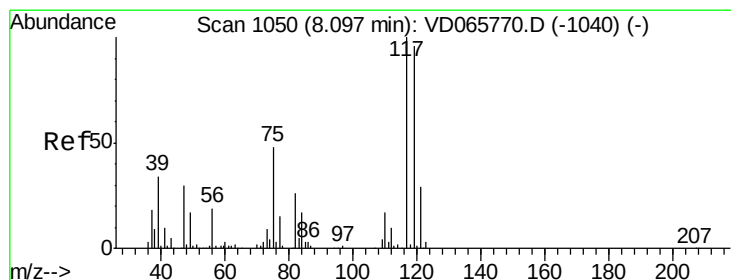
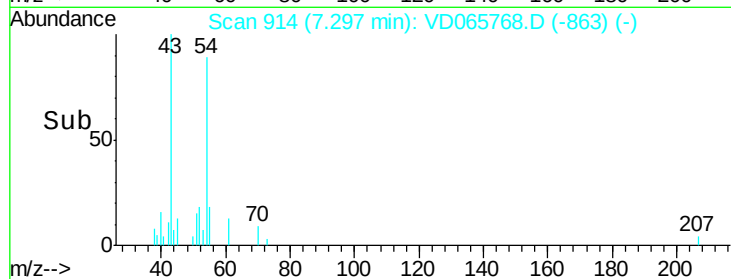
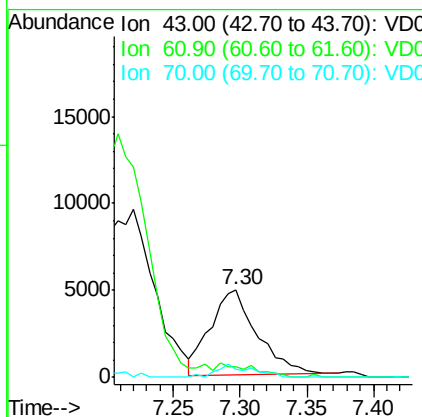
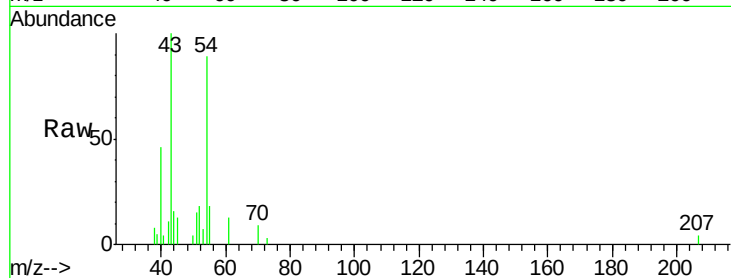




#37
Ethyl Acetate
 Concen: 9.09 ug/l
 RT: 7.30 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

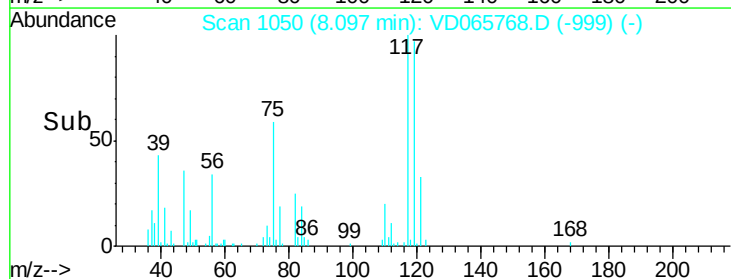
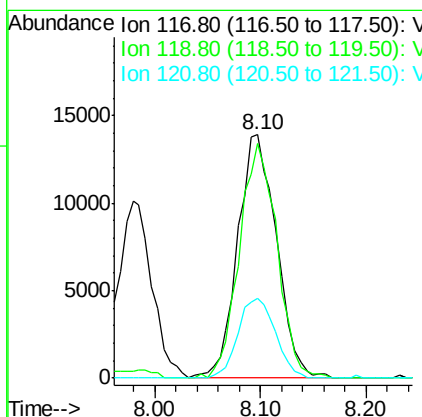
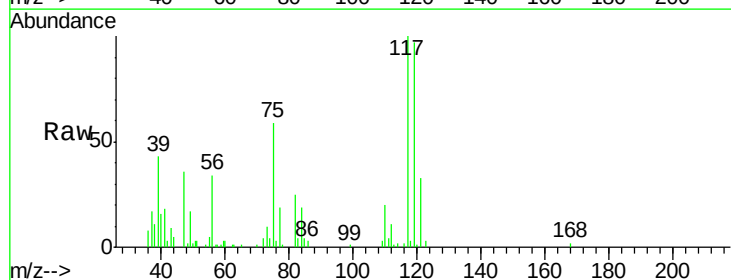
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

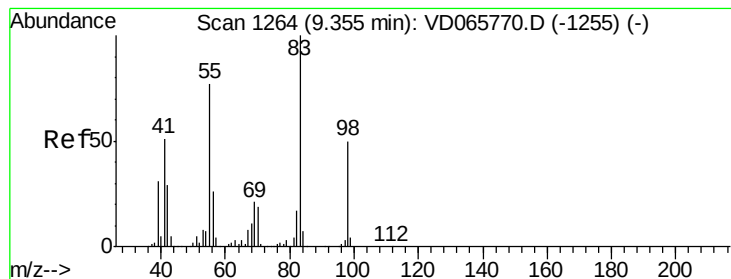
Tgt Ion: 43 Resp: 11988
 Ion Ratio Lower Upper
 43 100
 61 12.5 10.6 15.8
 70 11.5 7.5 11.3#



#38
Carbon Tetrachloride
 Concen: 9.97 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Tgt Ion: 117 Resp: 35447
 Ion Ratio Lower Upper
 117 100
 119 96.6 76.8 115.2
 121 32.8 23.4 35.2





#39

Methylcyclohexane

Concen: 9.77 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

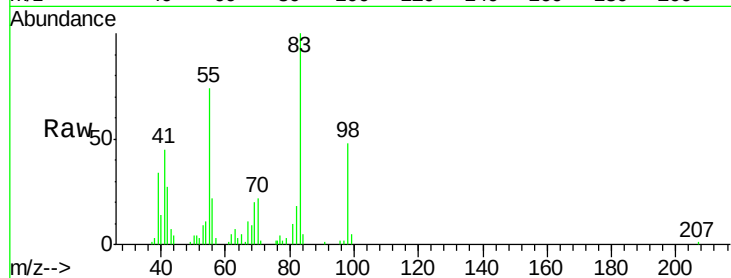
Tgt Ion: 83 Resp: 38442

Ion Ratio Lower Upper

83 100

55 73.7 61.6 92.4

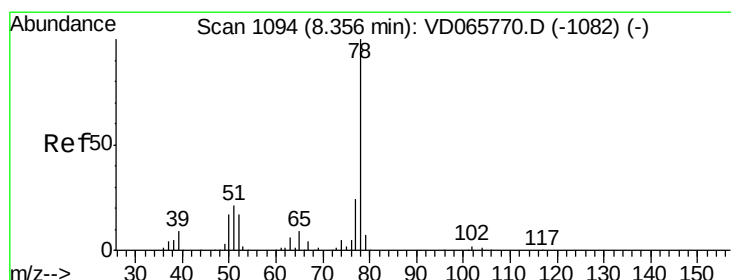
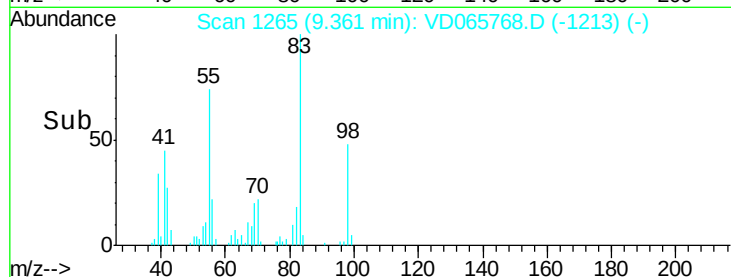
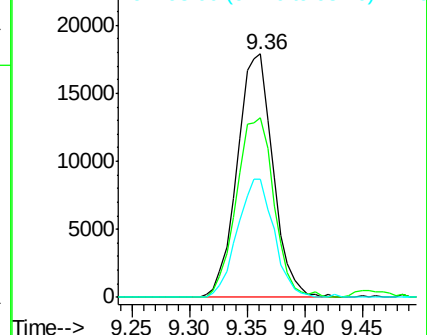
98 48.5 40.2 60.2



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: 9.91 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VD065768.D

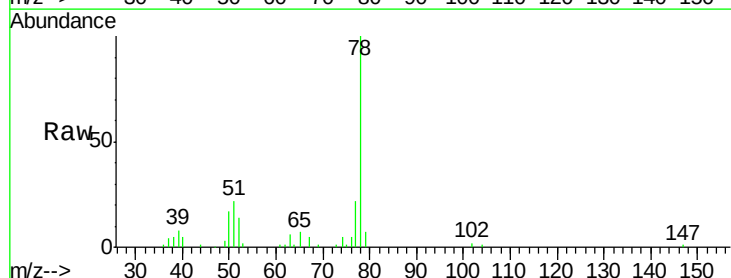
Acq: 05 Jun 2020 10:57

Tgt Ion: 78 Resp: 90737

Ion Ratio Lower Upper

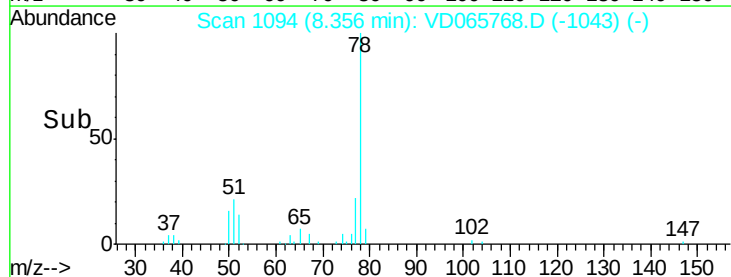
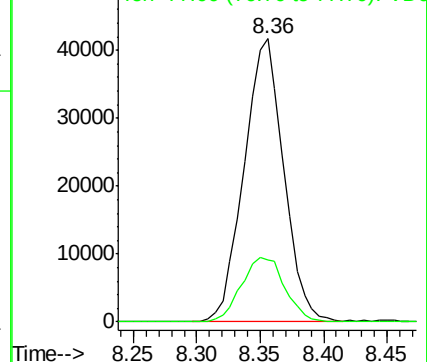
78 100

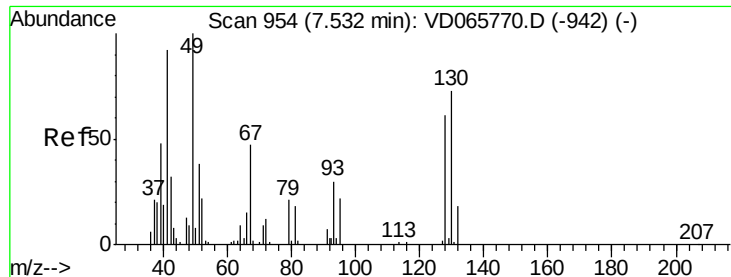
77 21.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 9.02 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 7412

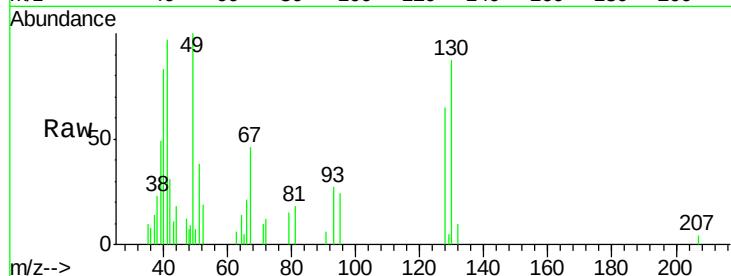
Ion Ratio Lower Upper

41 100

39 0.0 38.3 57.5#

67 61.3 49.8 74.6

52 35.8 21.7 32.5#

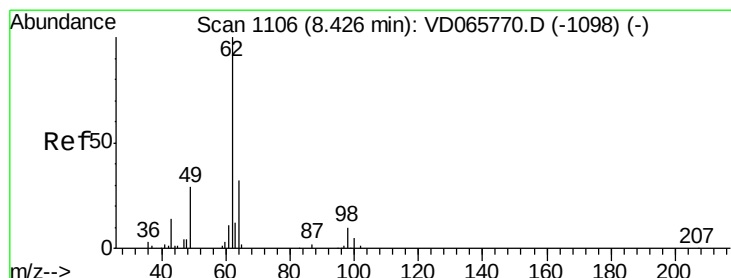
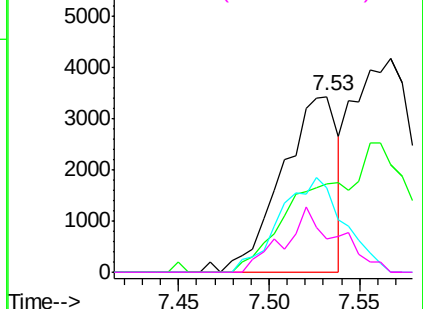
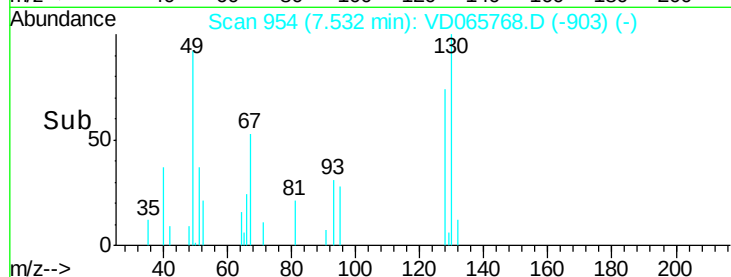


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 9.74 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD065768.D

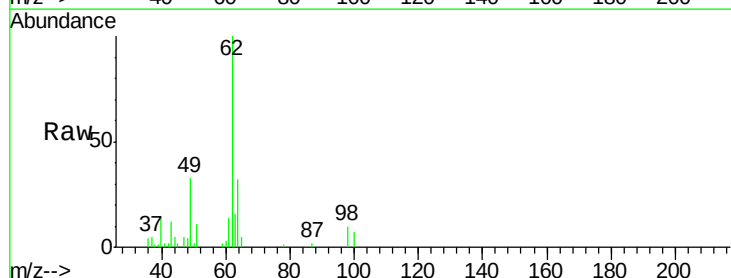
Acq: 05 Jun 2020 10:57

Tgt Ion: 62 Resp: 27314

Ion Ratio Lower Upper

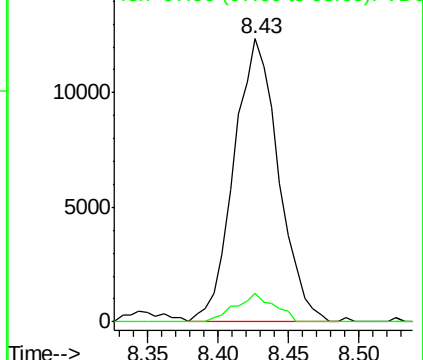
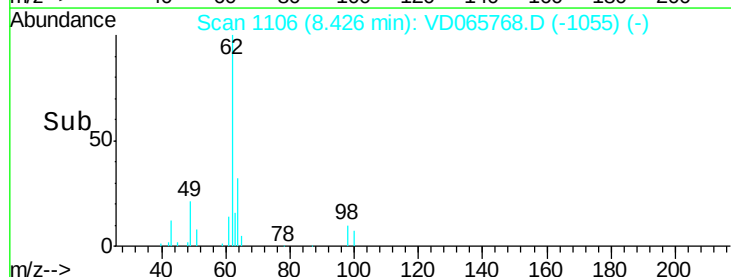
62 100

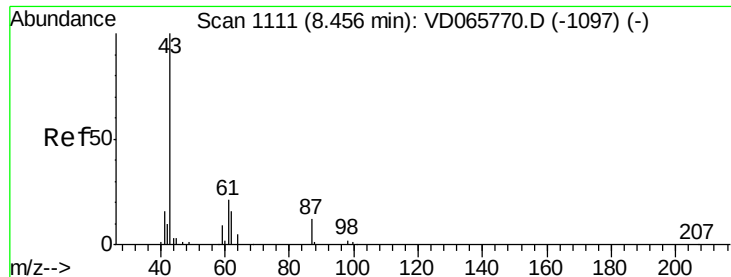
98 8.7 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 9.45 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

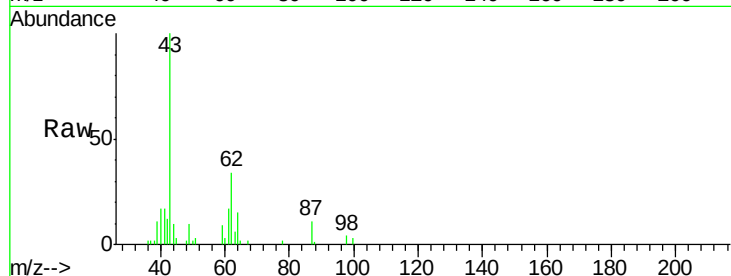
Tgt Ion: 43 Resp: 24447

Ion Ratio Lower Upper

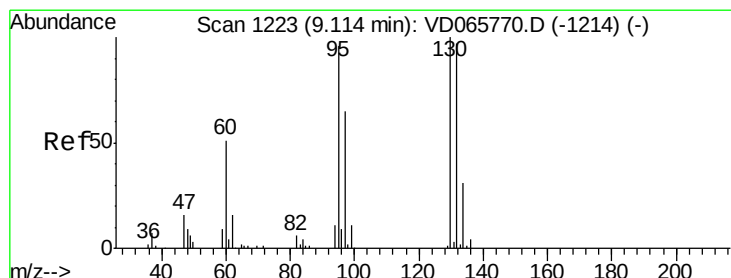
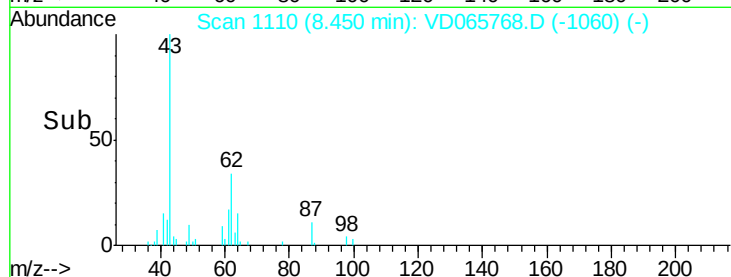
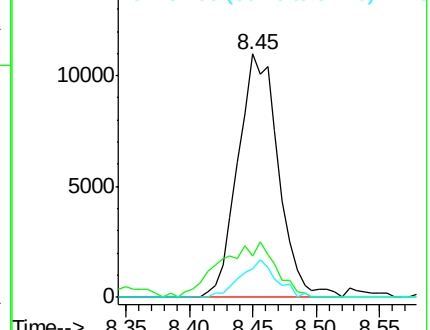
43 100

61 31.0 24.2 36.4

87 13.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 9.92 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065768.D

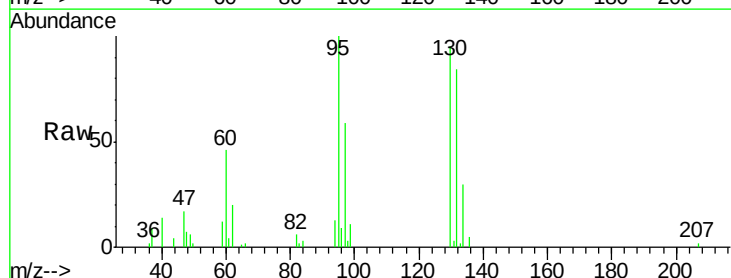
Acq: 05 Jun 2020 10:57

Tgt Ion: 130 Resp: 25242

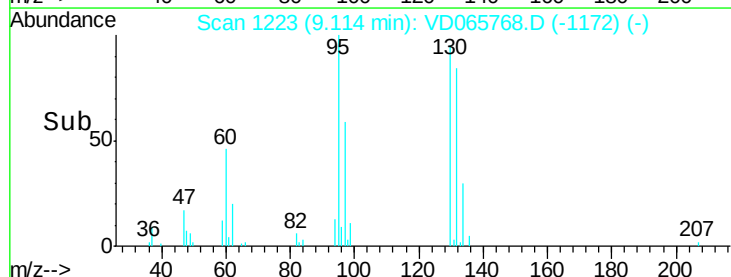
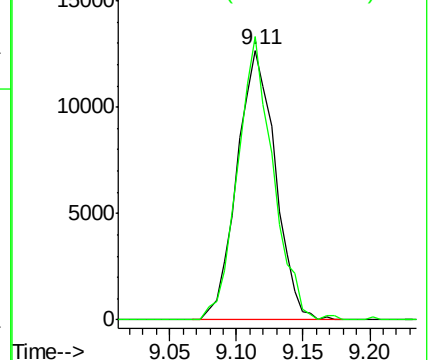
Ion Ratio Lower Upper

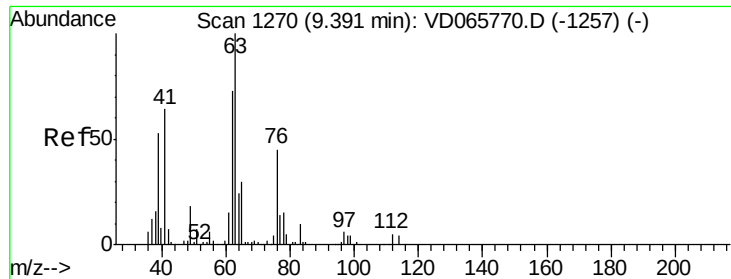
130 100

95 104.9 0.0 192.8



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

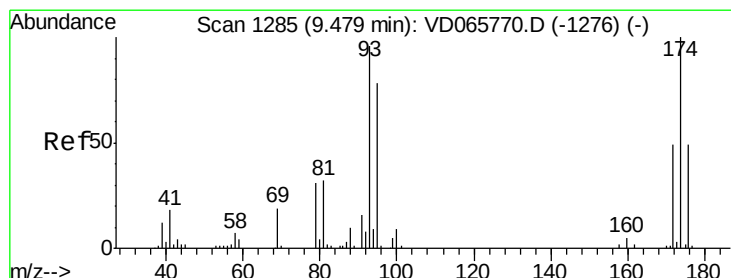
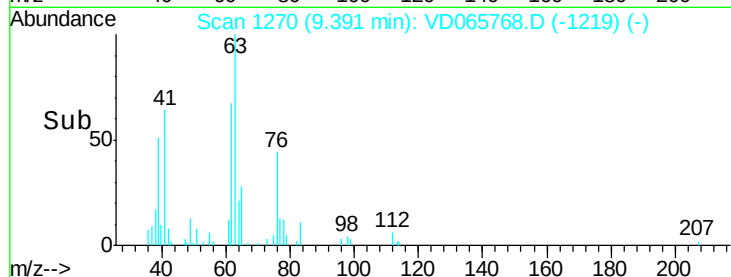
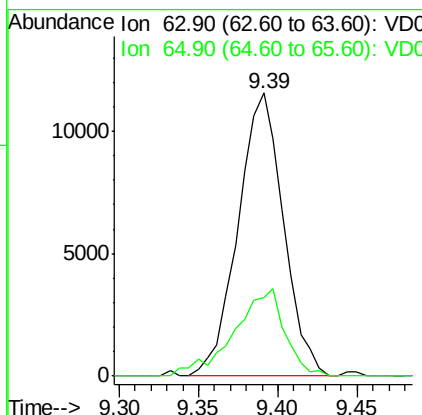
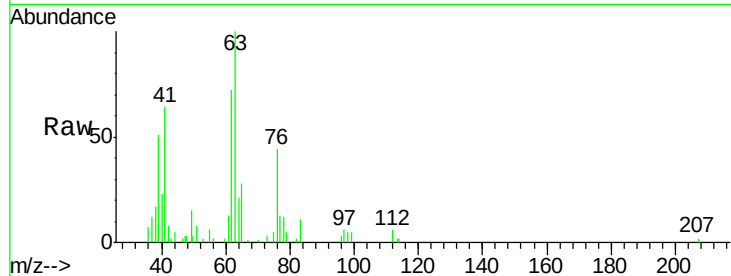




#45
 1,2-Dichloropropane
 Concen: 9.96 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

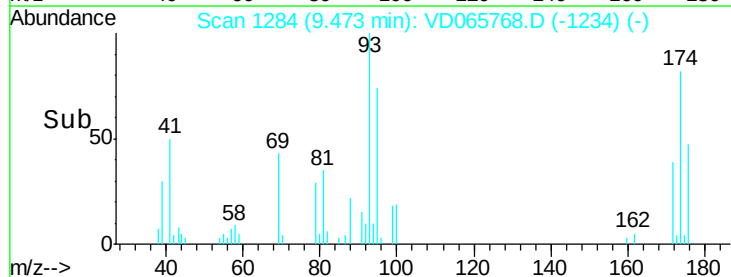
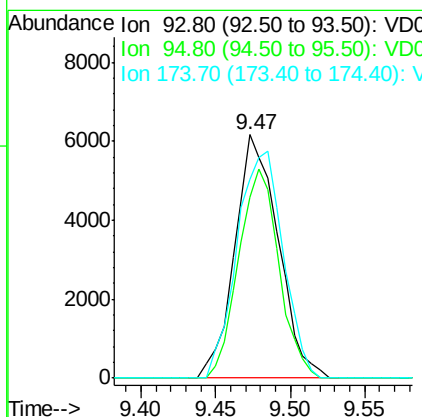
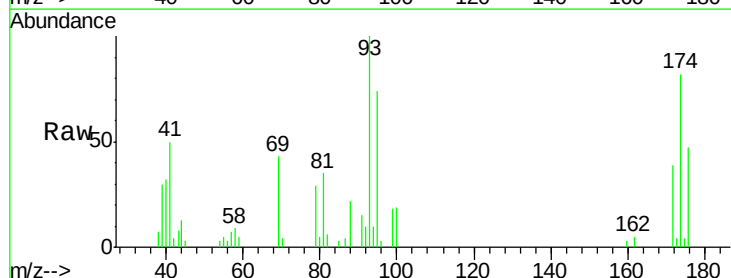
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

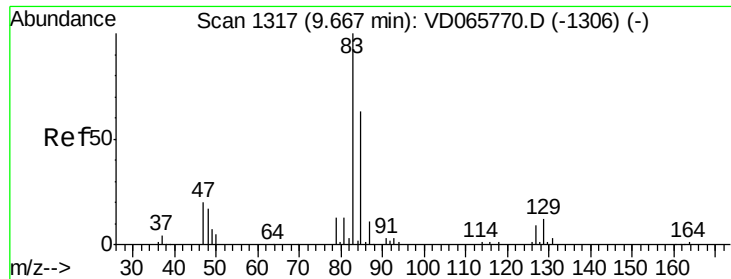
Tgt Ion: 63 Resp: 23054
 Ion Ratio Lower Upper
 63 100
 65 27.7 24.2 36.2



#46
 Dibromomethane
 Concen: 9.95 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Tgt Ion: 93 Resp: 12420
 Ion Ratio Lower Upper
 93 100
 95 79.8 65.8 98.6
 174 99.1 80.9 121.3





#47

Bromodichloromethane

Concen: 9.76 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

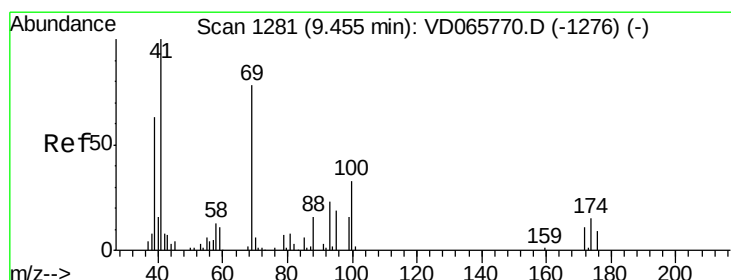
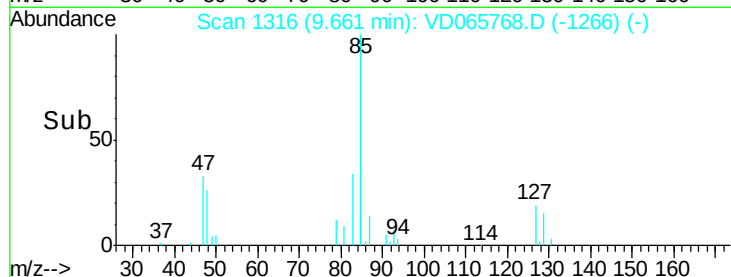
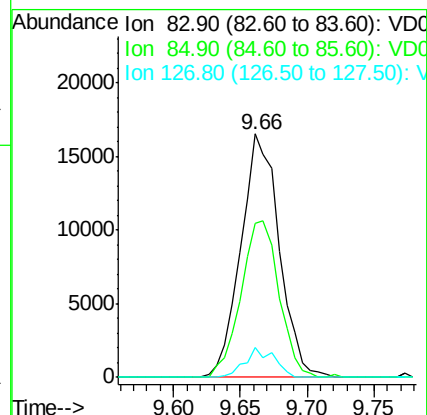
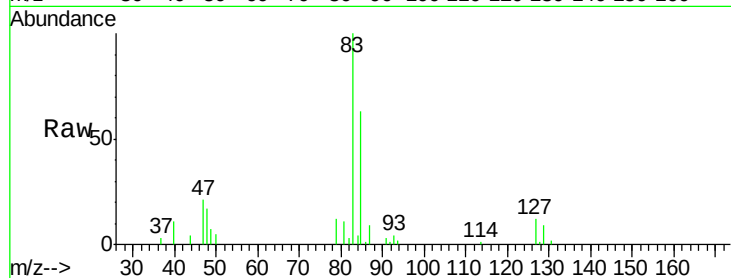
Tgt Ion: 83 Resp: 32827

Ion Ratio Lower Upper

83 100

85 63.3 50.7 76.1

127 12.1 7.1 10.7#



#48

Methyl methacrylate

Concen: 10.03 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

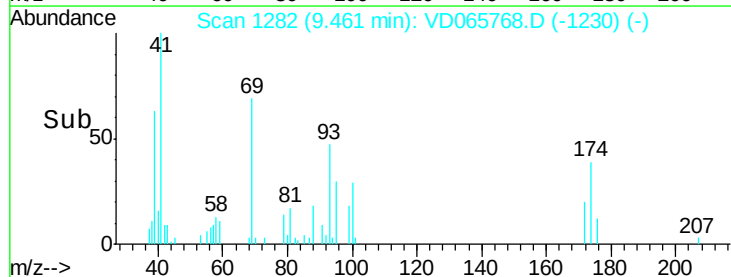
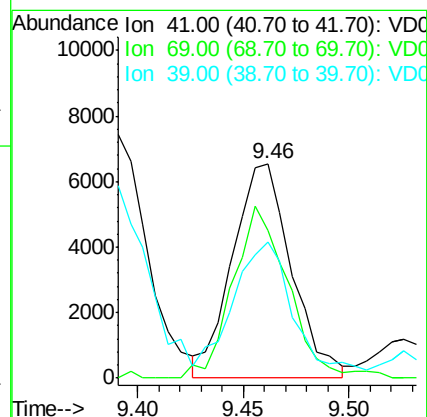
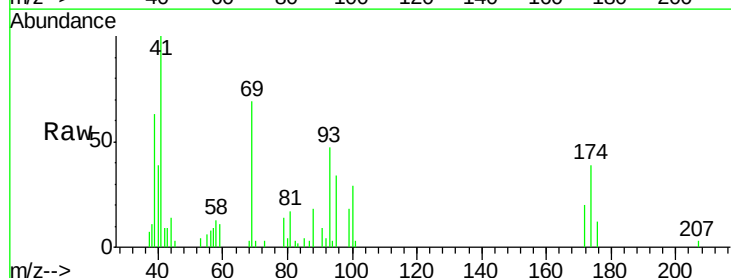
Tgt Ion: 41 Resp: 12692

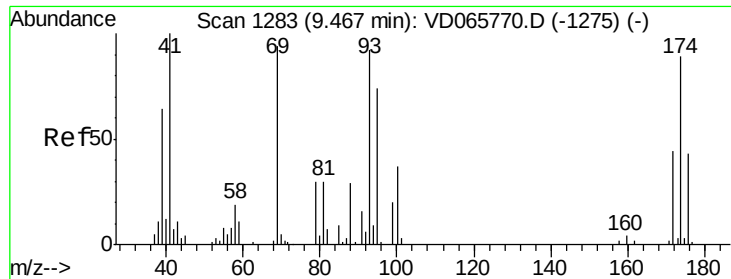
Ion Ratio Lower Upper

41 100

69 75.3 60.9 91.3

39 59.2 48.1 72.1

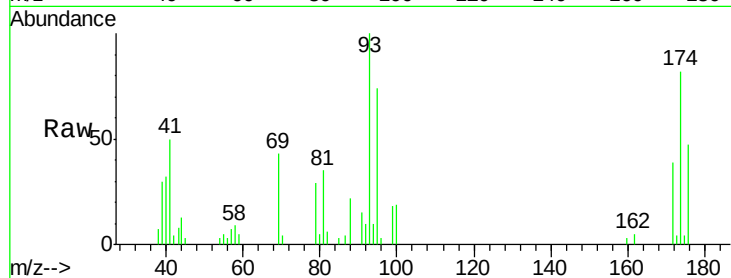




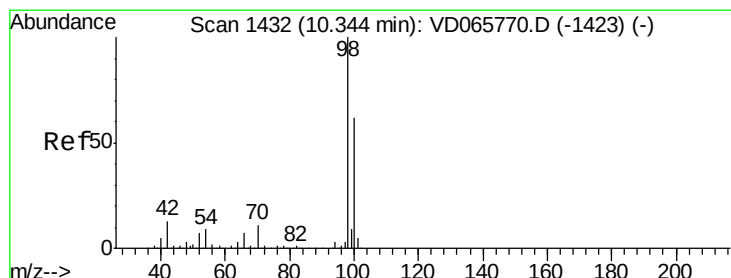
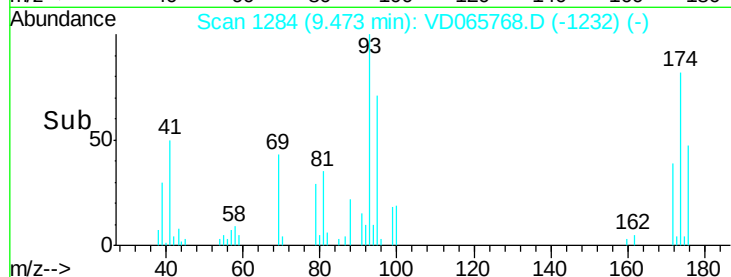
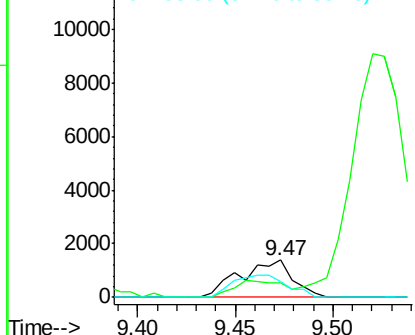
#49
1,4-Dioxane
Concen: 198.26 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 88 Resp: 2602
Ion Ratio Lower Upper
88 100
43 42.1 32.2 48.4
58 61.6 54.9 82.3

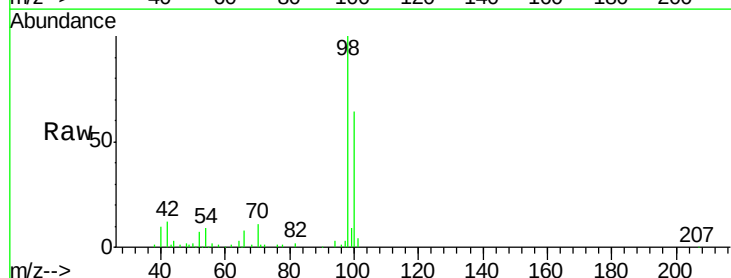


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

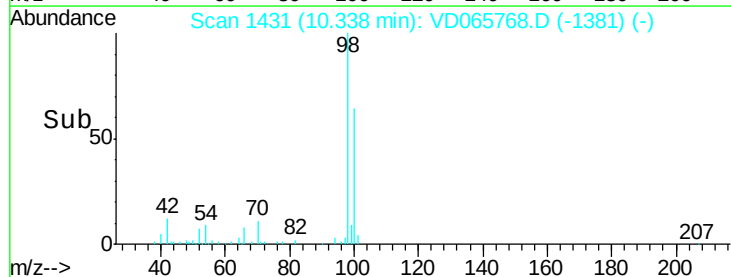
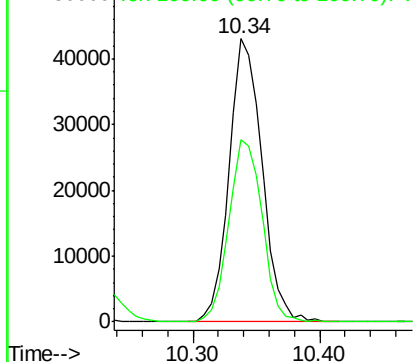


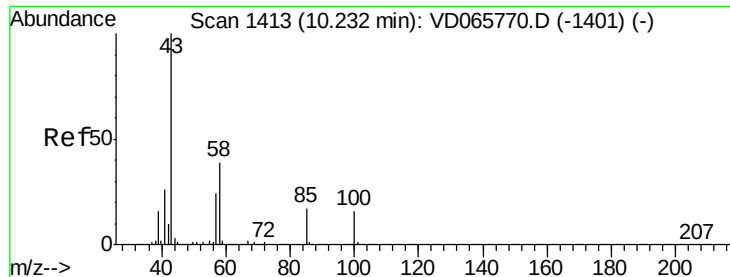
#50
Toluene-d8
Concen: 9.73 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

Tgt Ion: 98 Resp: 77343
Ion Ratio Lower Upper
98 100
100 64.9 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: 47.12 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

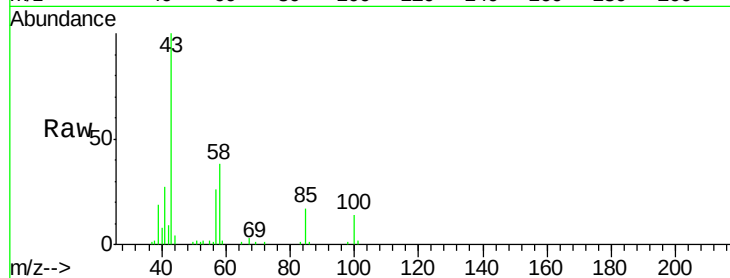
VSTDIC010

Tgt Ion: 43 Resp: 59410

Ion Ratio Lower Upper

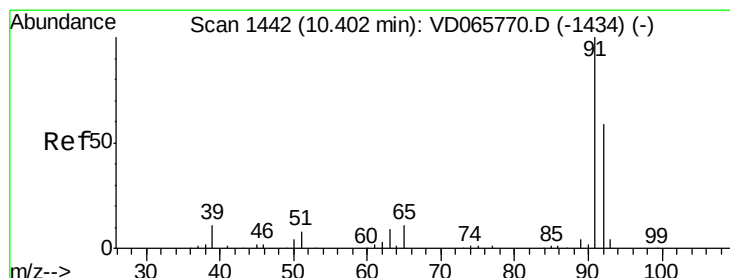
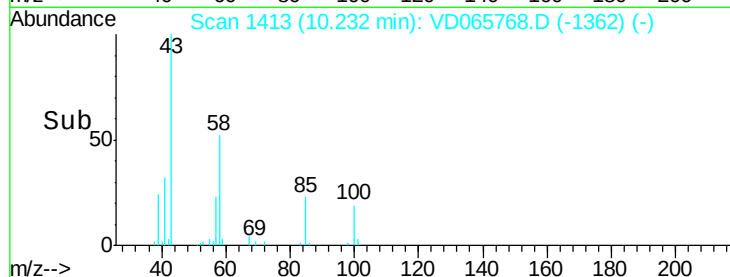
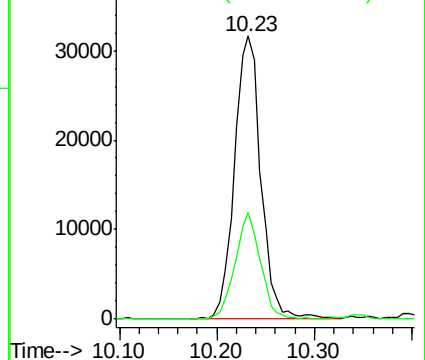
43 100

58 35.9 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 9.69 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VD065768.D

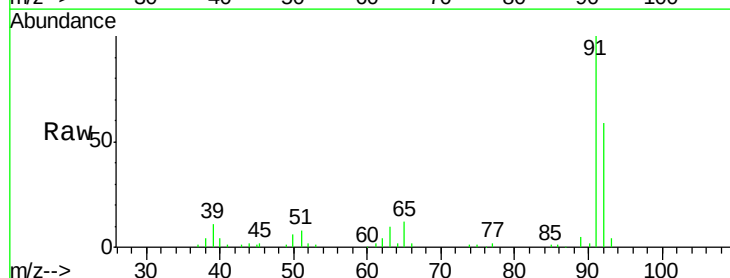
Acq: 05 Jun 2020 10:57

Tgt Ion: 92 Resp: 56844

Ion Ratio Lower Upper

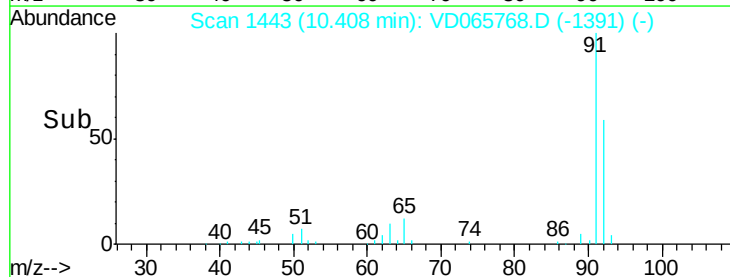
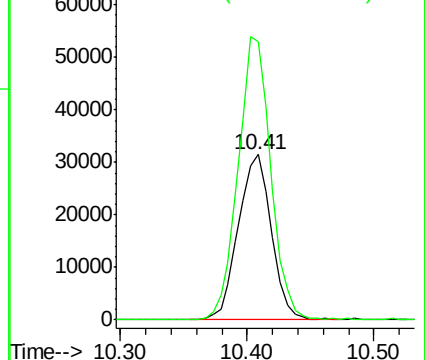
92 100

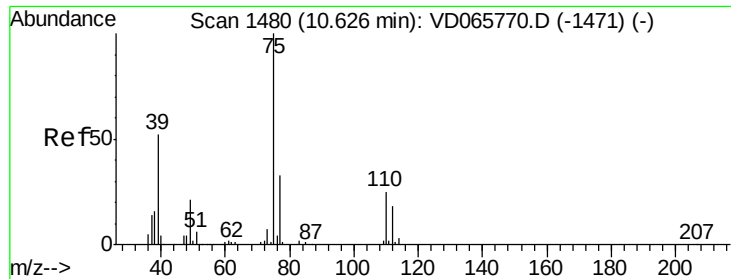
91 169.3 137.8 206.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 9.75 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

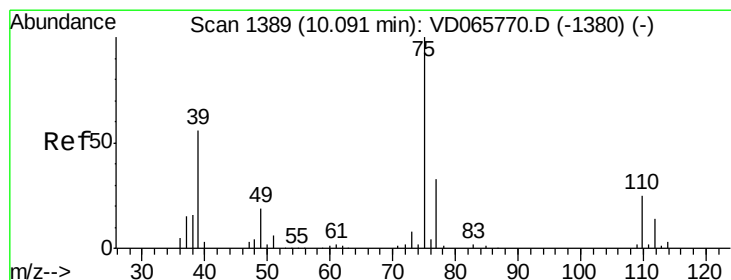
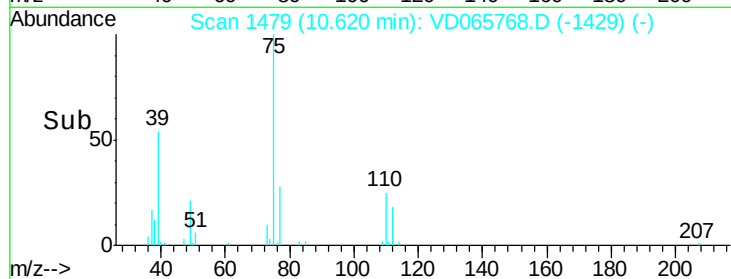
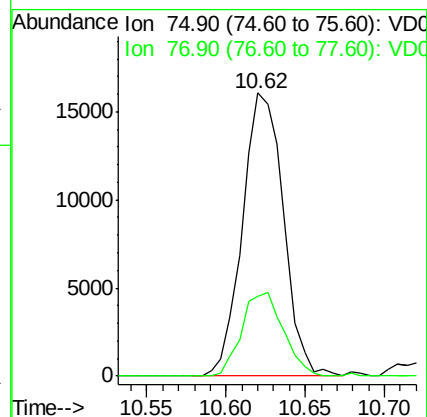
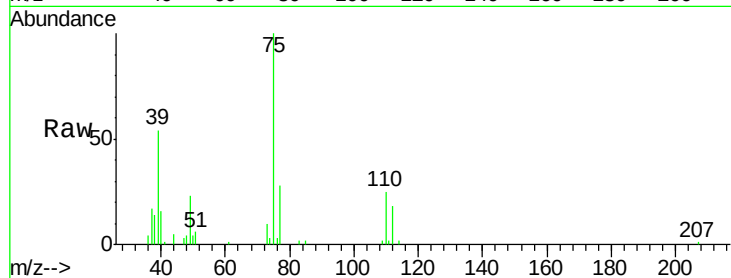
VSTDIC010

Tgt Ion: 75 Resp: 28889

Ion Ratio Lower Upper

75 100

77 28.1 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 10.18 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

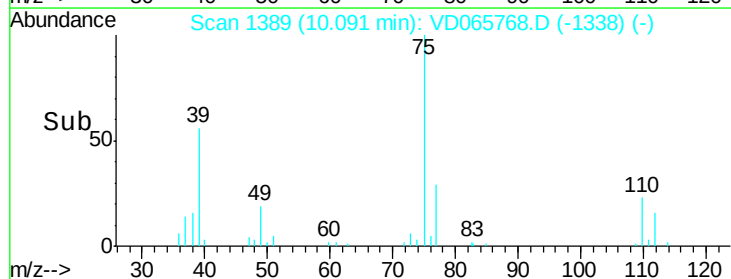
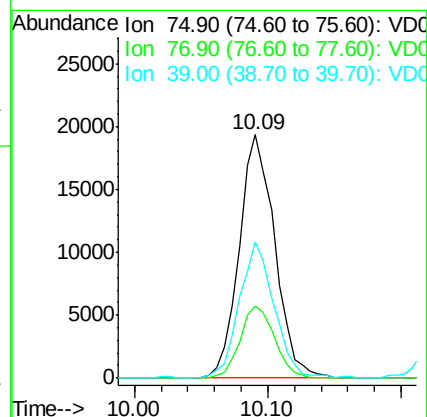
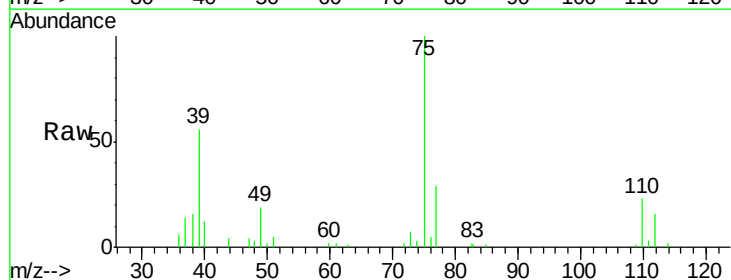
Tgt Ion: 75 Resp: 35734

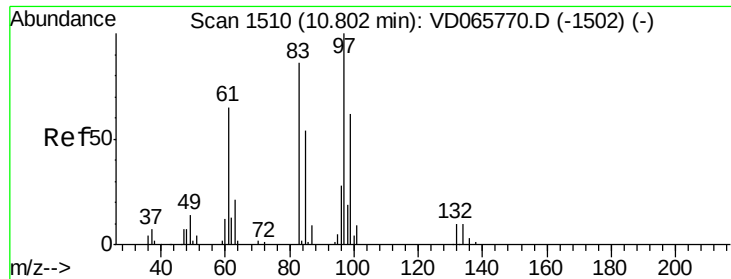
Ion Ratio Lower Upper

75 100

77 29.4 26.0 39.0

39 56.0 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 9.82 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 16280

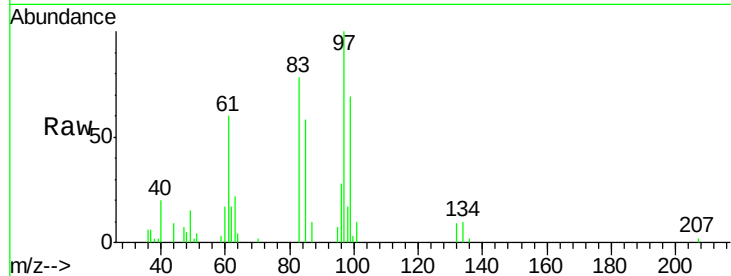
Ion	Ratio	Lower	Upper
97	100		
83	78.3	68.7	103.1
85	57.8	43.0	64.6
99	69.5	49.8	74.6

97 100

83 78.3 68.7 103.1

85 57.8 43.0 64.6

99 69.5 49.8 74.6



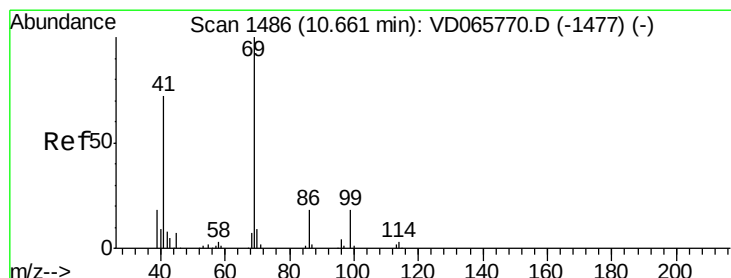
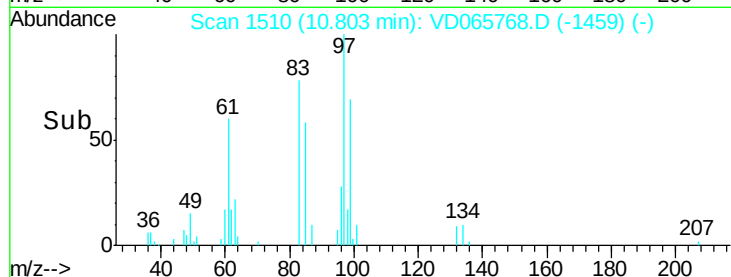
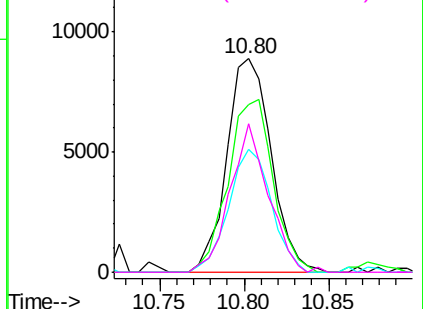
Abundance

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: 9.33 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

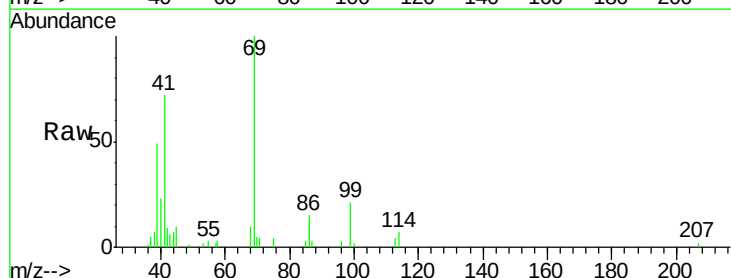
Tgt Ion: 69 Resp: 17530

Ion	Ratio	Lower	Upper
69	100		
41	74.1	56.9	85.3
39	35.5	36.0	54.0#

69 100

41 74.1 56.9 85.3

39 35.5 36.0 54.0#

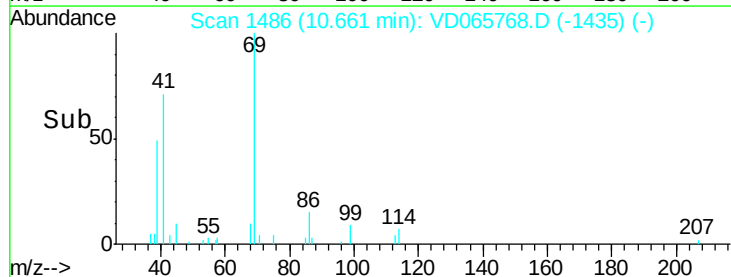
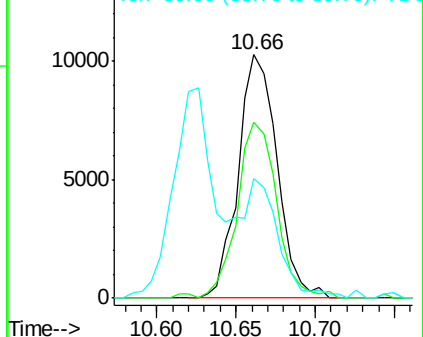


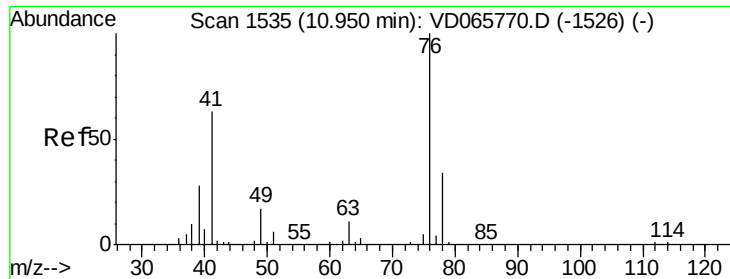
Abundance

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

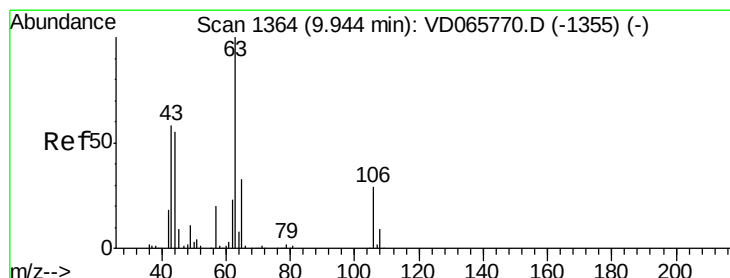
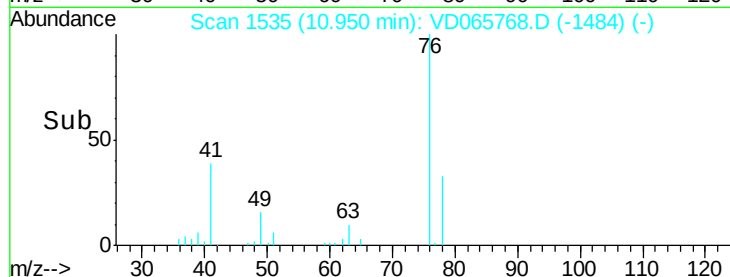
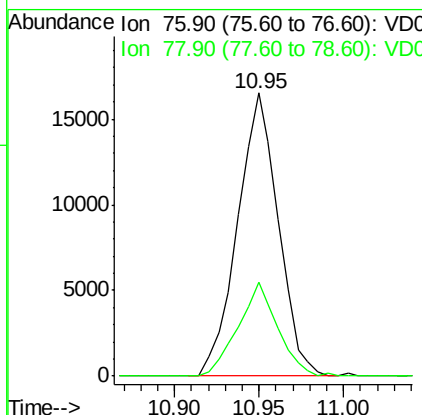
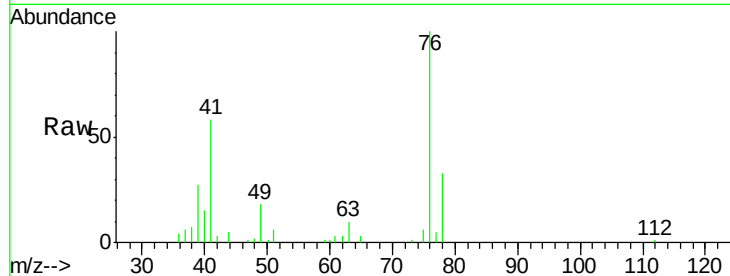




#57
 1,3-Dichloropropane
 Concen: 9.65 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

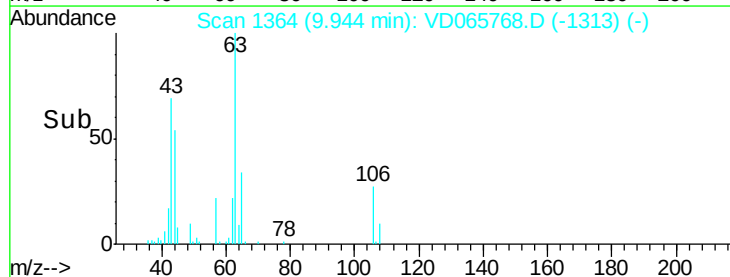
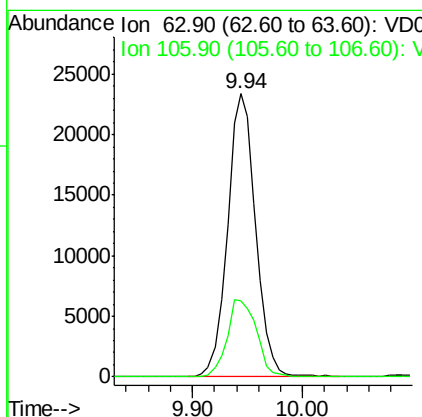
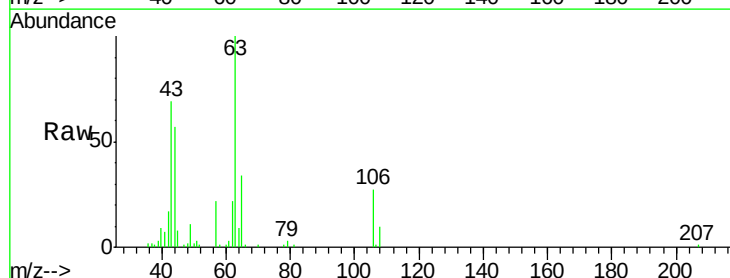
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

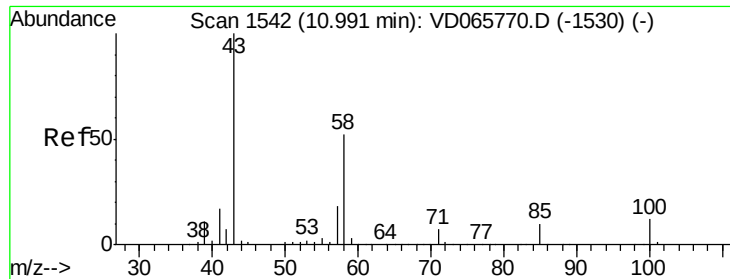
Tgt Ion: 76 Resp: 27722
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 47.08 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Tgt Ion: 63 Resp: 41486
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.2 34.8

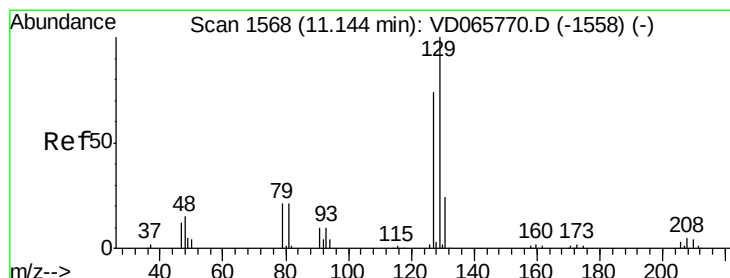
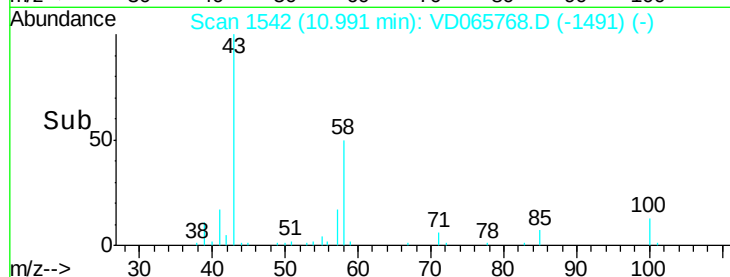
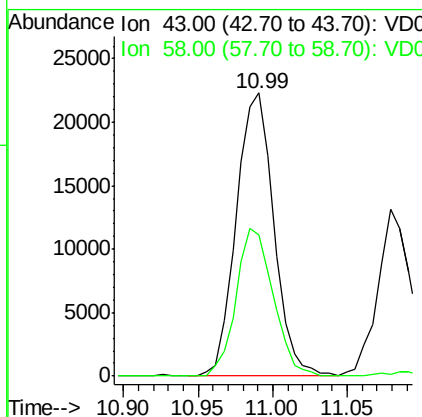
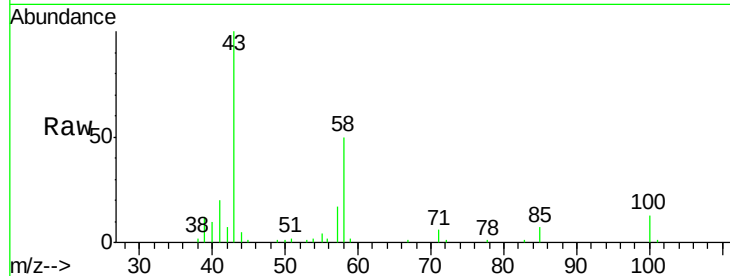




#59
2-Hexanone
Concen: 46.47 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

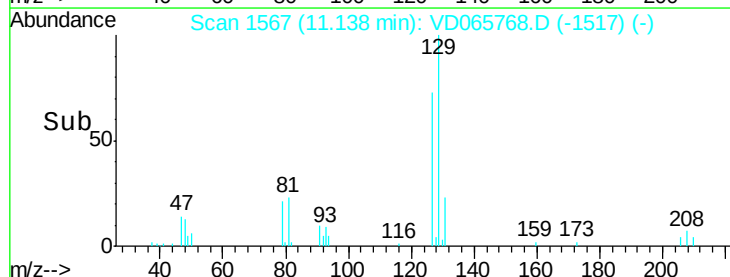
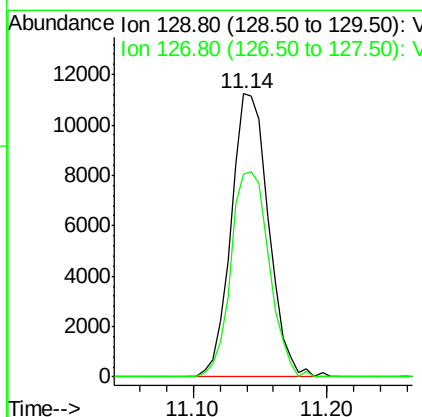
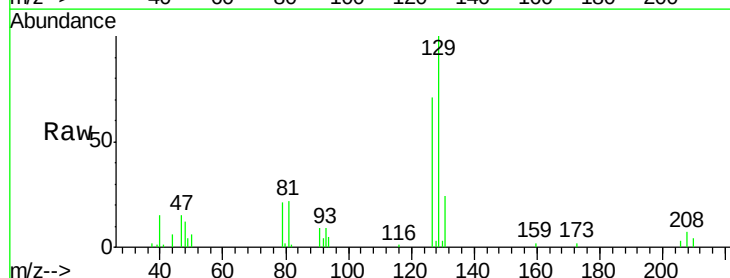
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

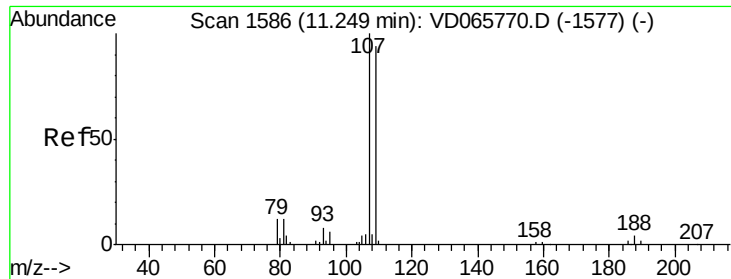
Tgt Ion: 43 Resp: 39054
Ion Ratio Lower Upper
43 100
58 51.3 25.7 77.0



#60
Dibromochloromethane
Concen: 9.79 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

Tgt Ion: 129 Resp: 21835
Ion Ratio Lower Upper
129 100
127 73.9 38.0 113.9

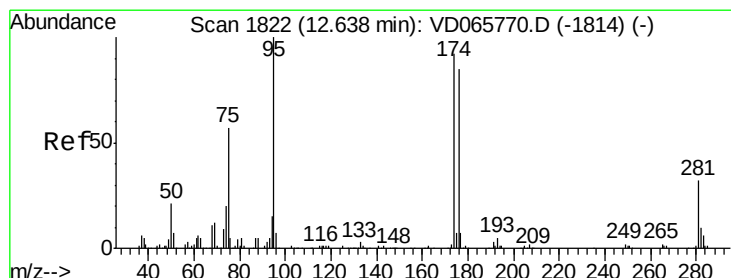
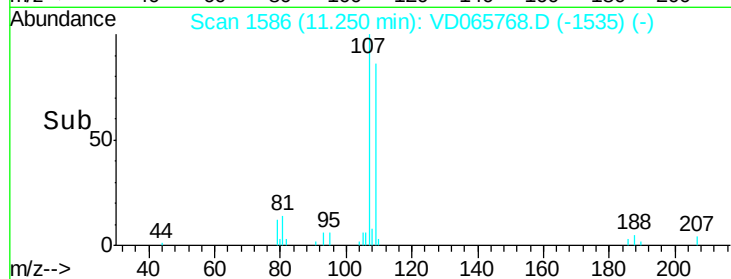
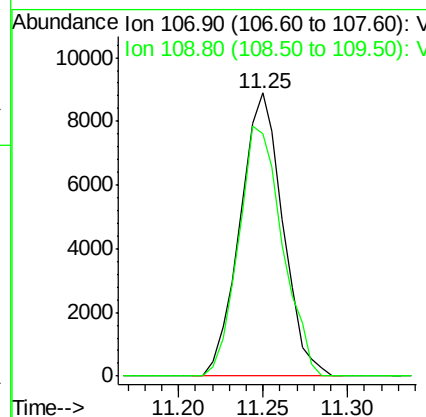
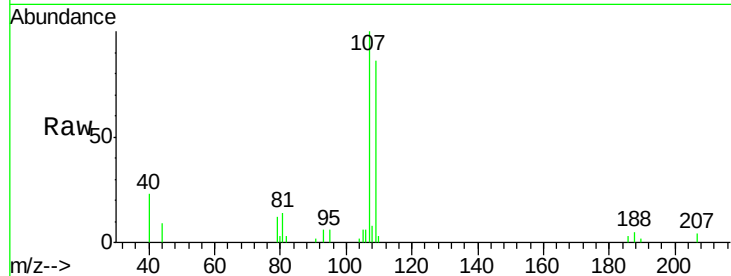




#61
 1,2-Dibromoethane
 Concen: 9.68 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

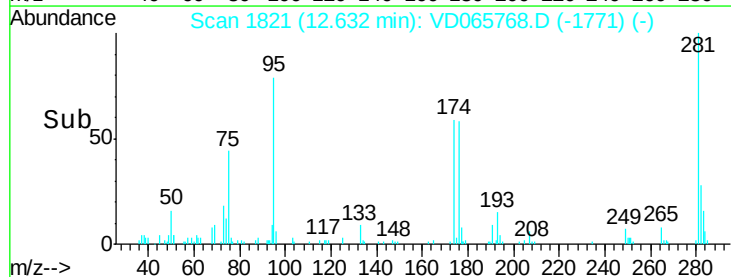
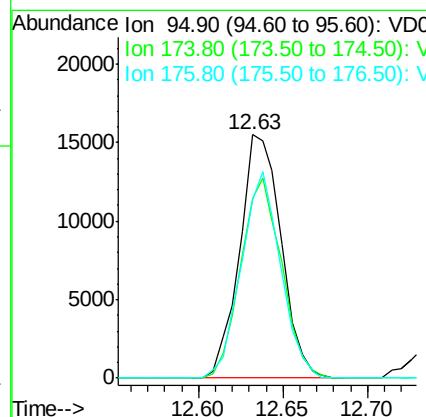
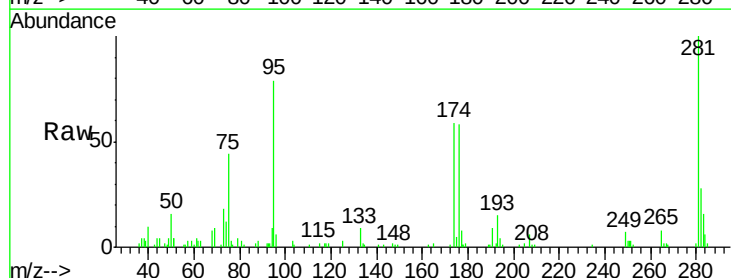
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

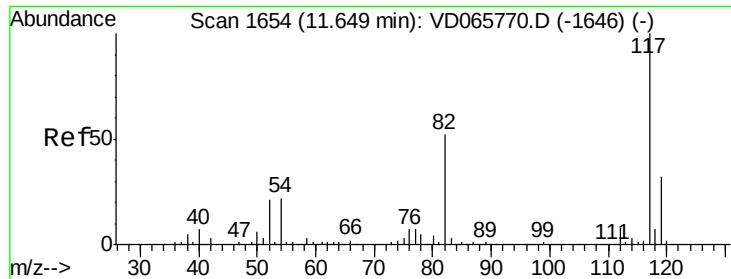
Tgt Ion: 107 Resp: 15639
 Ion Ratio Lower Upper
 107 100
 109 90.6 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 9.81 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Tgt Ion: 95 Resp: 26466
 Ion Ratio Lower Upper
 95 100
 174 81.0 0.0 175.2
 176 80.0 0.0 163.0

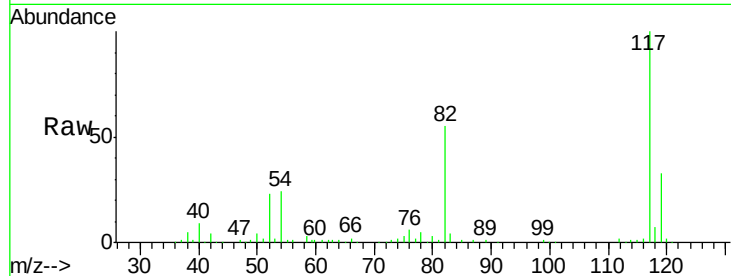




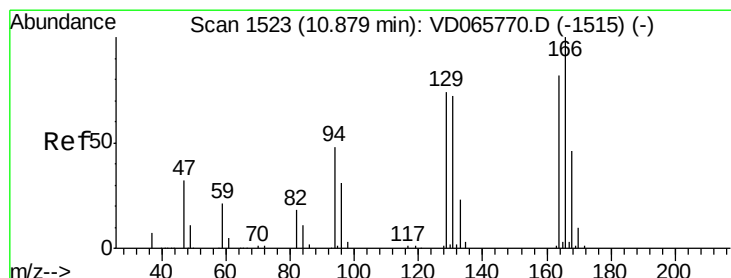
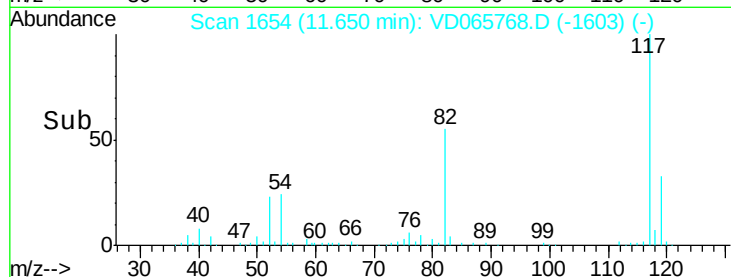
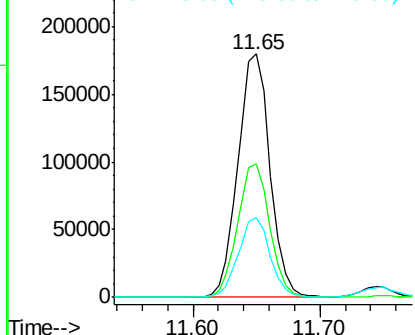
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 31511
Ion Ratio Lower Upper
117 100
82 54.8 41.9 62.9
119 32.8 25.3 37.9

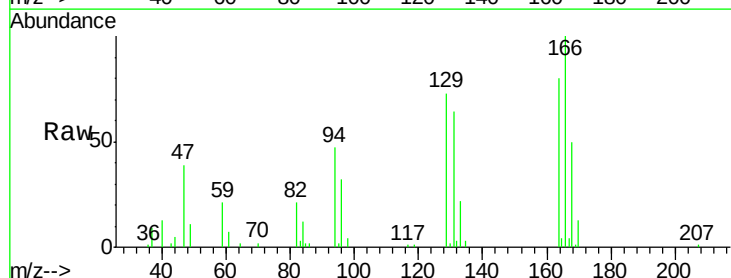


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

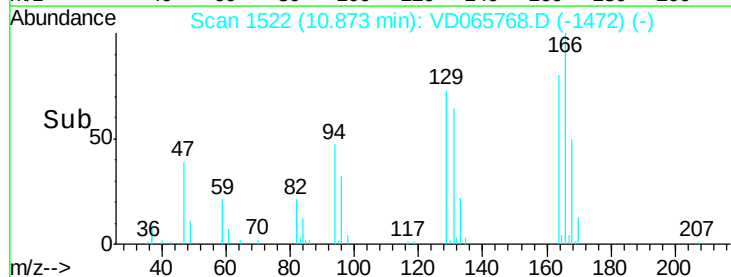
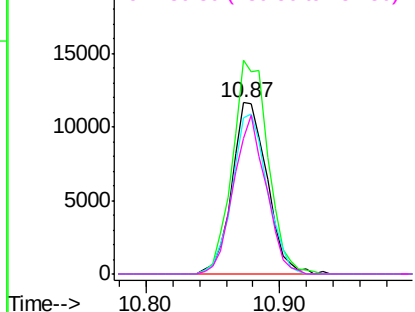


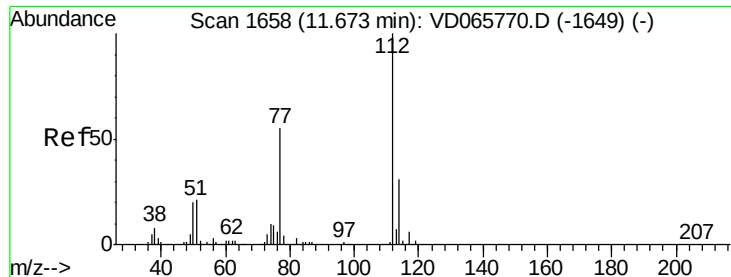
#64
Tetrachloroethene
Concen: 9.71 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

Tgt Ion:164 Resp: 21218
Ion Ratio Lower Upper
164 100
166 124.6 98.2 147.2
129 90.9 72.3 108.5
131 79.2 70.5 105.7



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





#65

Chlorobenzene

Concen: 9.76 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

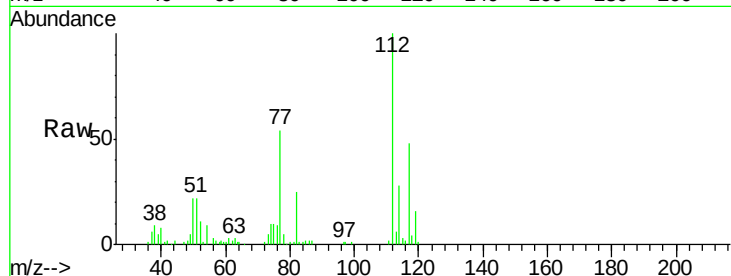
VSTDIC010

Tgt Ion:112 Resp: 60905

Ion Ratio Lower Upper

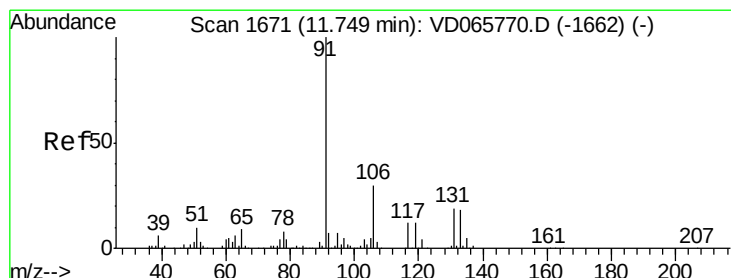
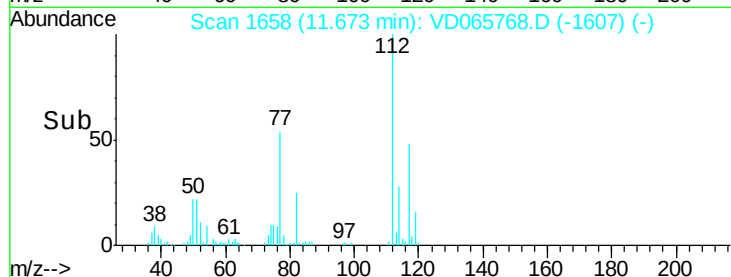
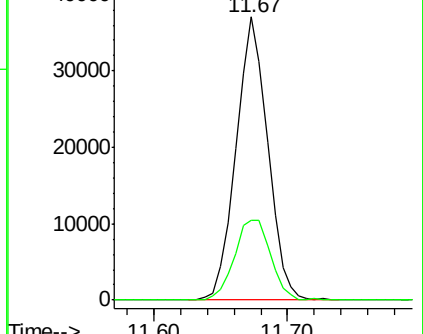
112 100

114 28.4 24.7 37.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 9.57 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

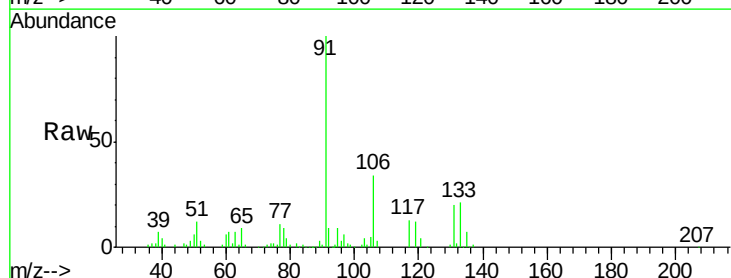
Tgt Ion:131 Resp: 22129

Ion Ratio Lower Upper

131 100

133 98.2 47.3 141.9

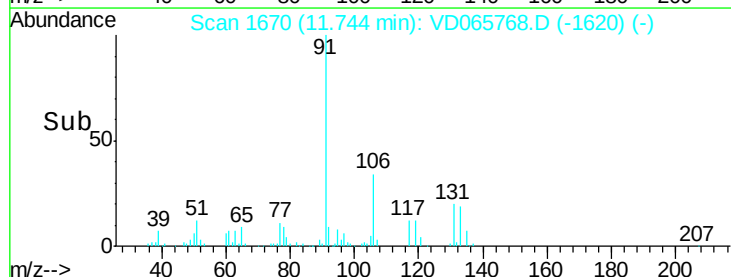
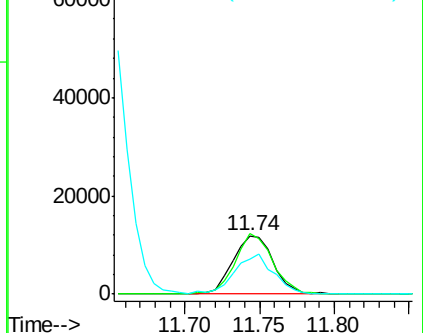
119 66.3 31.6 94.8

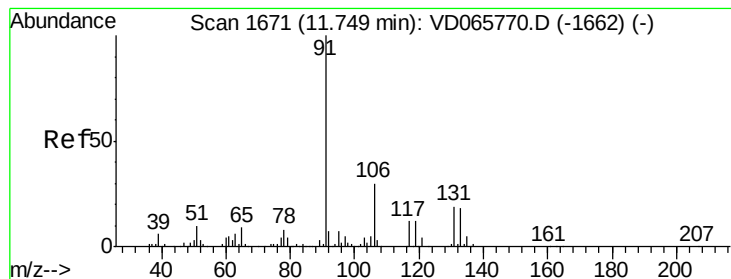


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 9.75 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

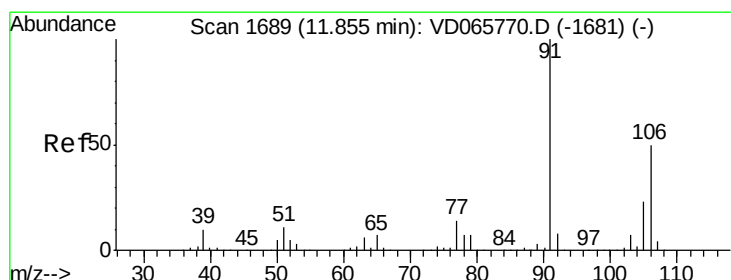
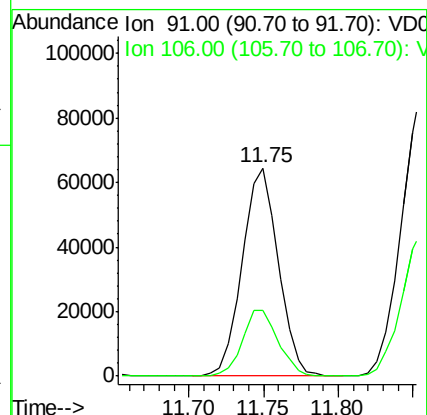
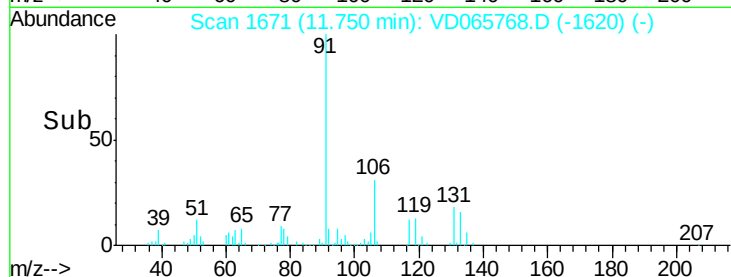
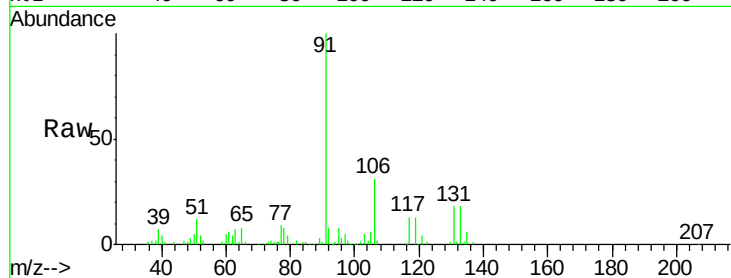
VSTDIC010

Tgt Ion: 91 Resp: 107608

Ion Ratio Lower Upper

91 100

106 31.4 24.1 36.1



#68

m/p-Xylenes

Concen: 19.80 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065768.D

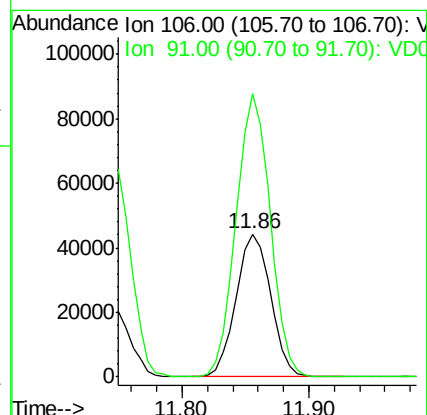
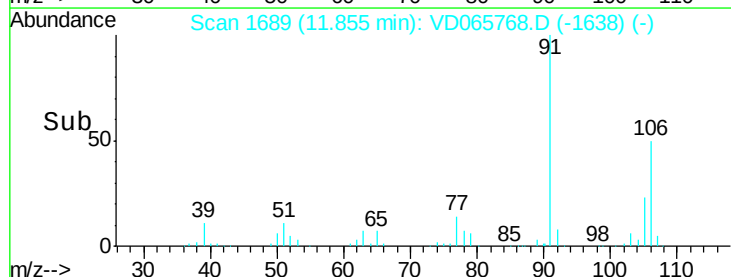
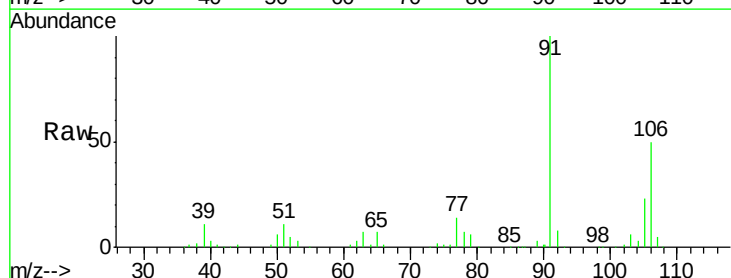
Acq: 05 Jun 2020 10:57

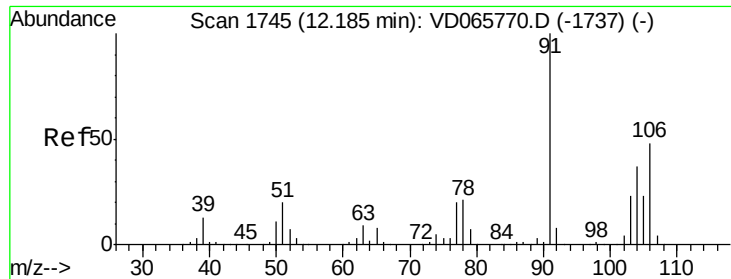
Tgt Ion: 106 Resp: 84133

Ion Ratio Lower Upper

106 100

91 194.6 159.4 239.2

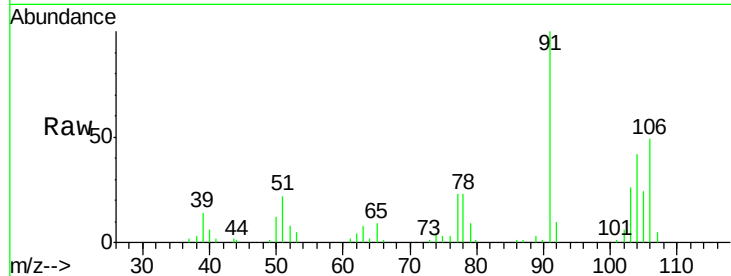




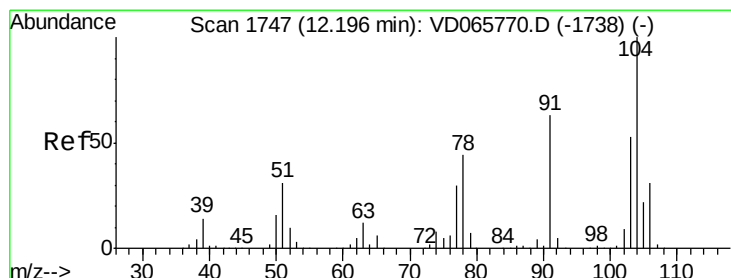
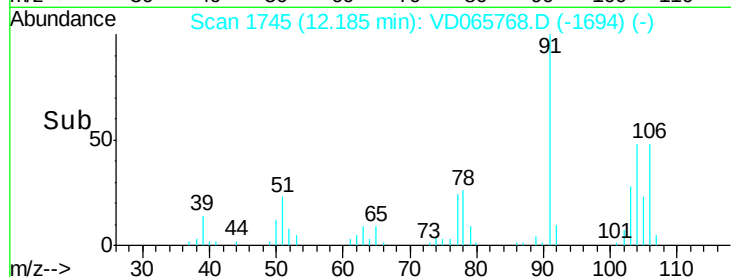
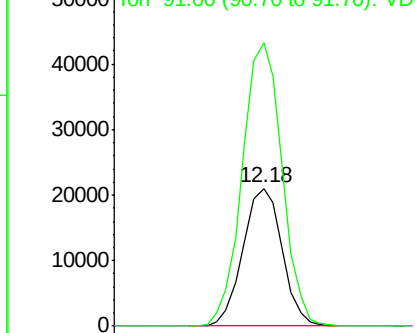
#69
o-Xylene
Concen: 9.58 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 36108
Ion Ratio Lower Upper
106 100
91 209.0 105.3 315.8

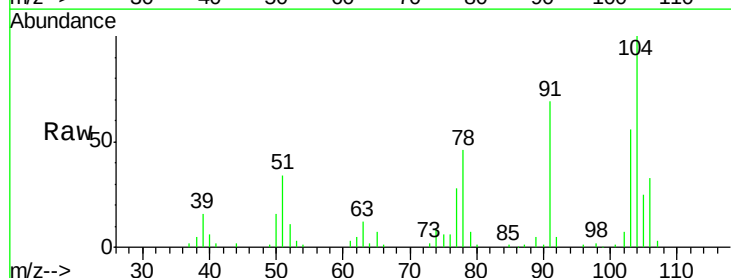


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

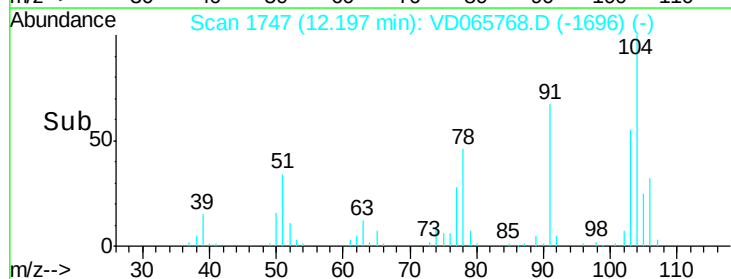
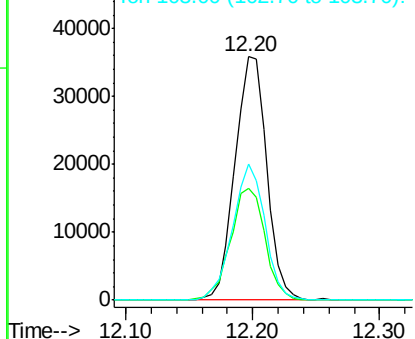


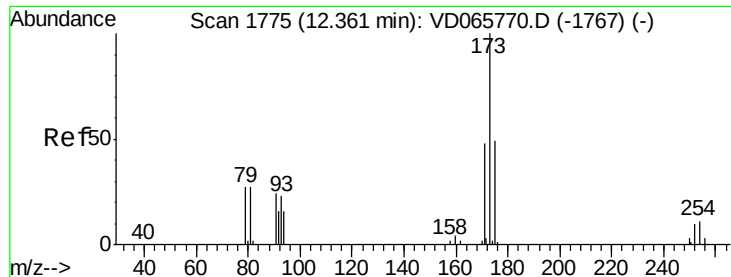
#70
Styrene
Concen: 9.54 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

Tgt Ion:104 Resp: 62116
Ion Ratio Lower Upper
104 100
78 49.7 38.6 58.0
103 56.6 43.9 65.9



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

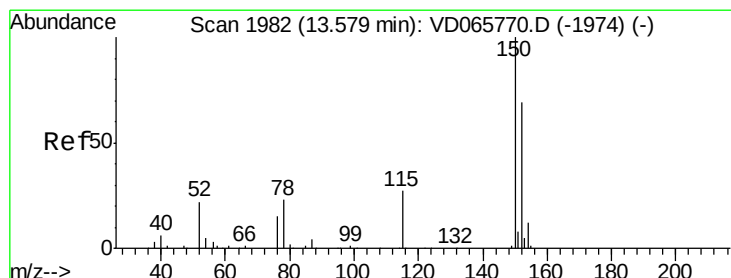
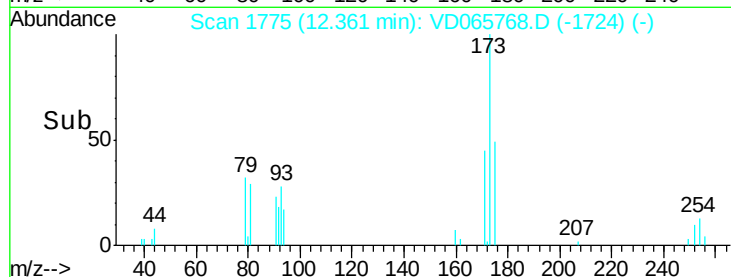
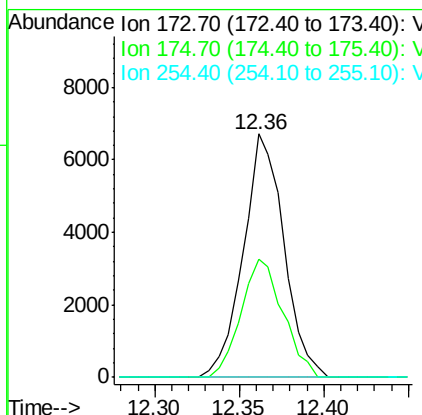
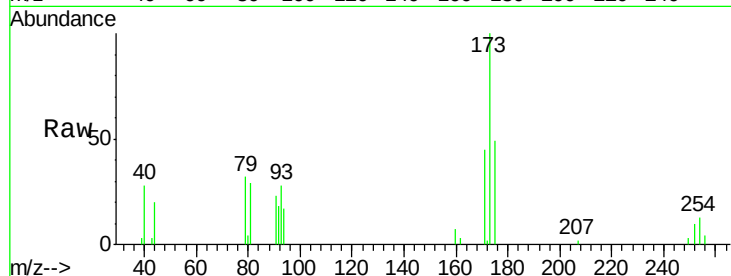




#71
Bromoform
Concen: 8.89 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

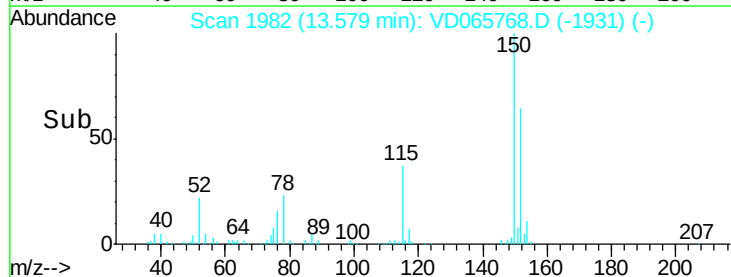
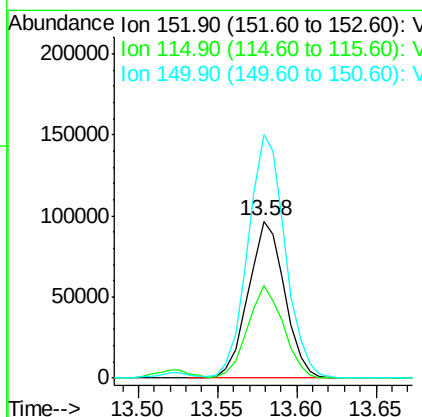
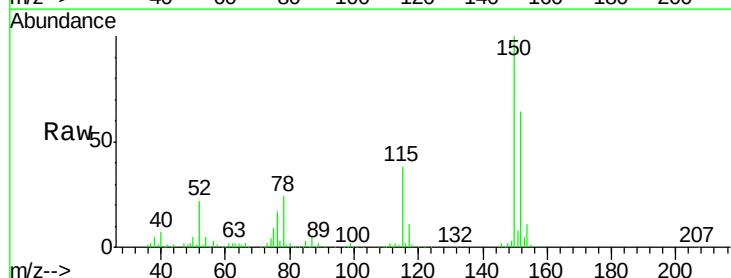
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

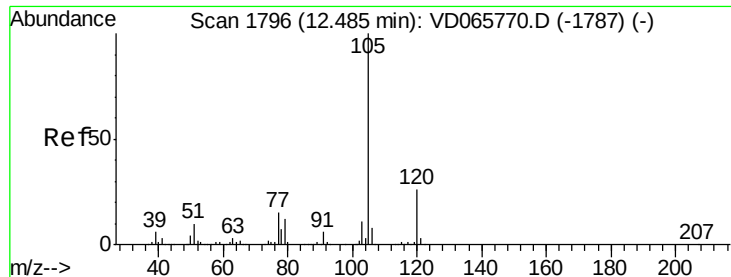
Tgt Ion:173 Resp: 11228
Ion Ratio Lower Upper
173 100
175 50.2 24.8 74.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

Tgt Ion:152 Resp: 154316
Ion Ratio Lower Upper
152 100
115 58.1 28.7 86.1
150 158.9 0.0 348.0





#73

Isopropylbenzene

Concen: 9.57 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

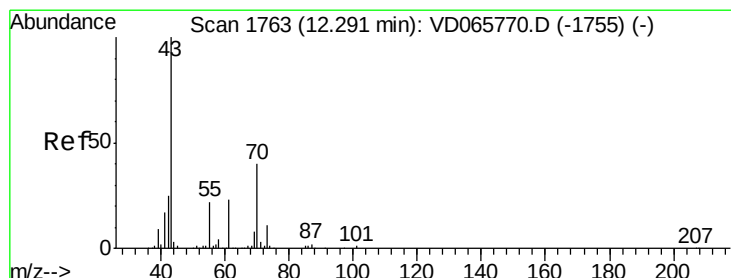
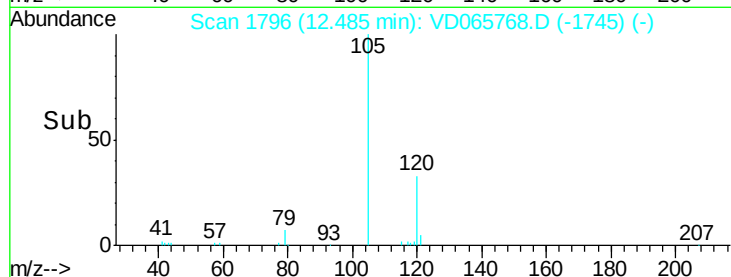
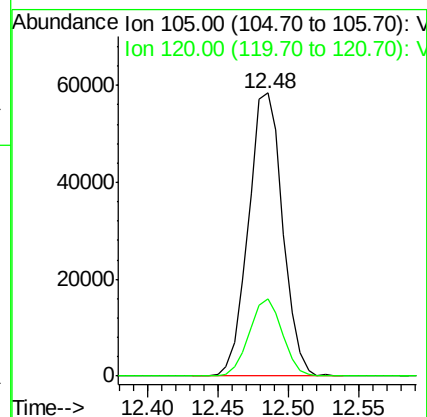
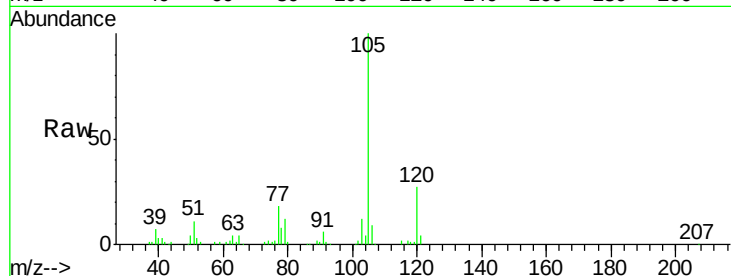
VSTDIC010

Tgt Ion:105 Resp: 99430

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.5



#74

N-ethyl acetate

Concen: 9.36 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Tgt Ion: 43 Resp: 21577

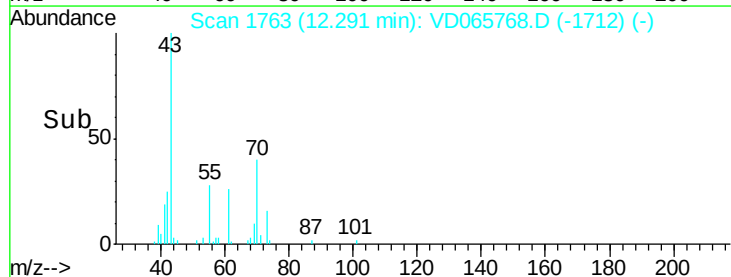
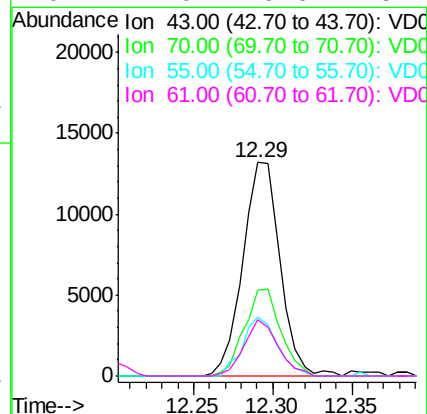
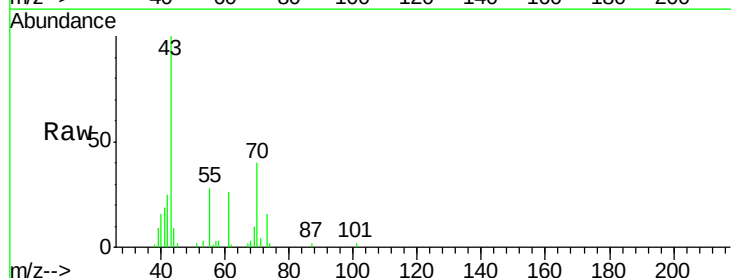
Ion Ratio Lower Upper

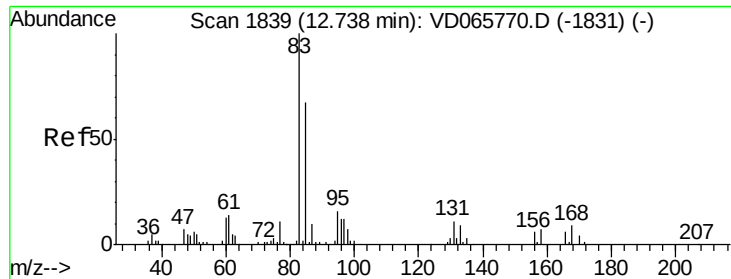
43 100

70 39.6 32.3 48.5

55 25.5 19.0 28.4

61 24.0 19.0 28.4

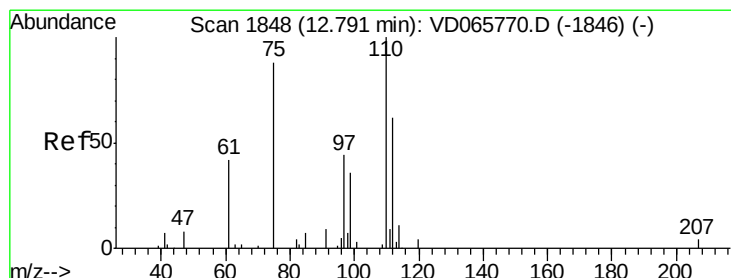
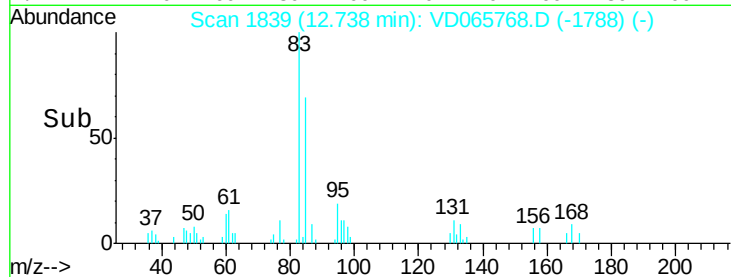
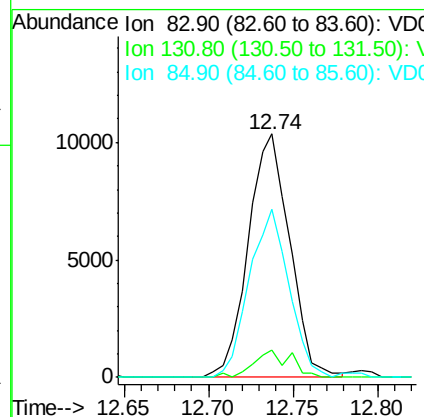
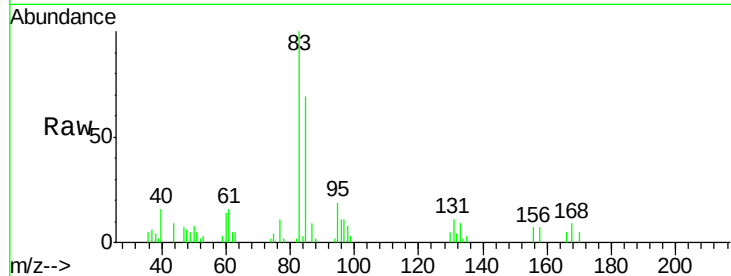




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.80 ug/l
 RT: 12.74 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

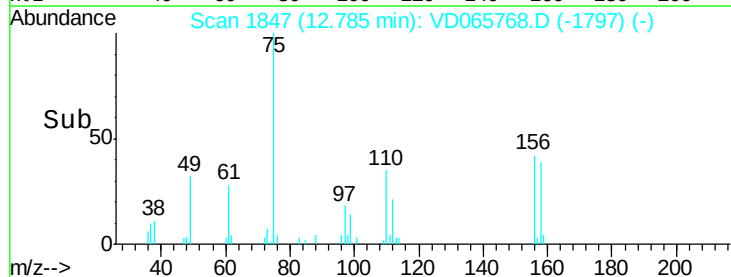
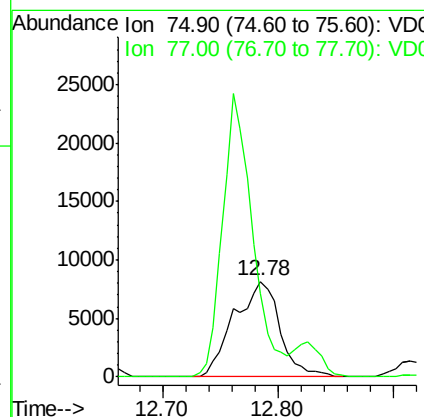
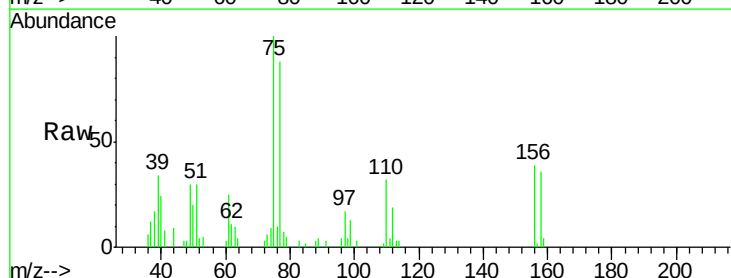
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

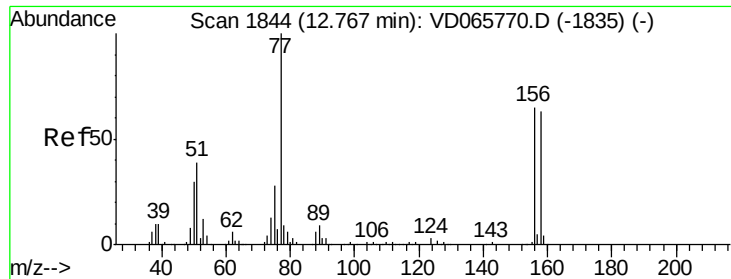
Tgt Ion: 83 Resp: 17710
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.5 16.4
 85 66.0 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 18.55 ug/l
 RT: 12.78 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Tgt Ion: 75 Resp: 22423
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.65 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

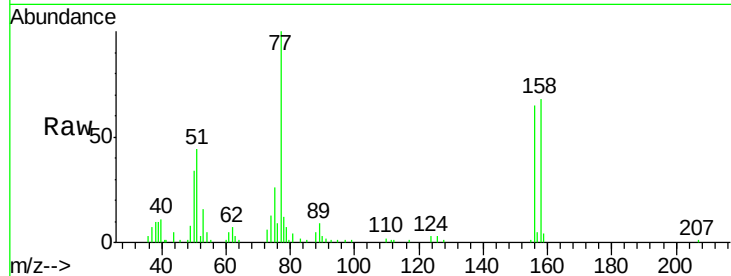
Tgt Ion:156 Resp: 23793

Ion Ratio Lower Upper

156 100

77 184.4 87.3 261.8

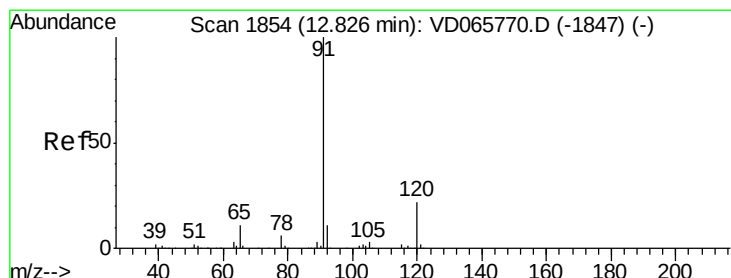
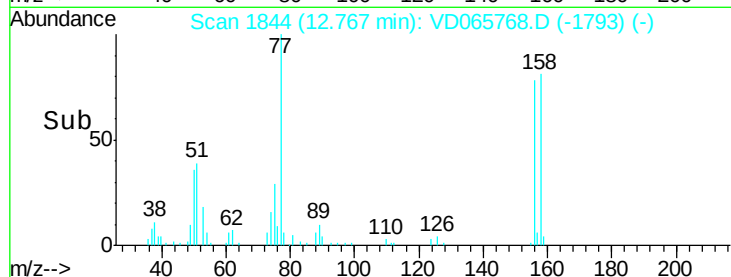
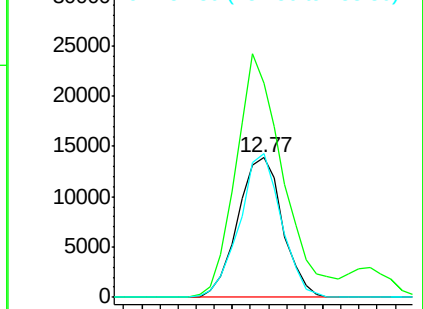
158 96.5 48.0 144.0



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: 9.67 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065768.D

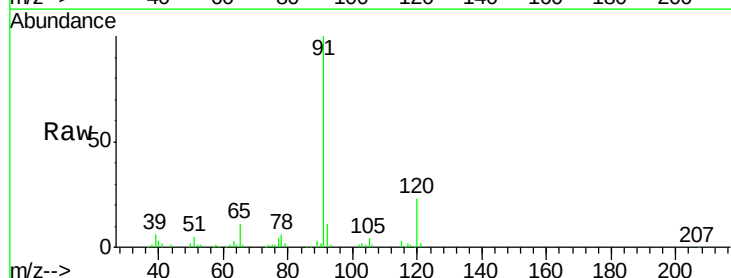
Acq: 05 Jun 2020 10:57

Tgt Ion: 91 Resp: 121995

Ion Ratio Lower Upper

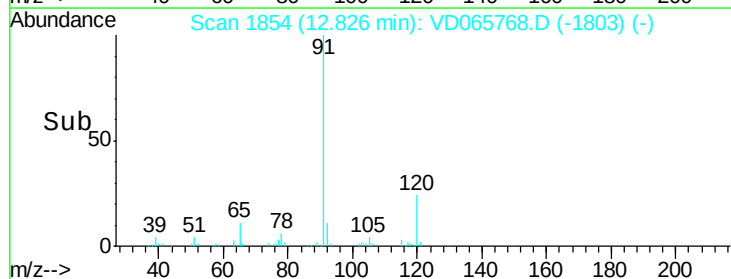
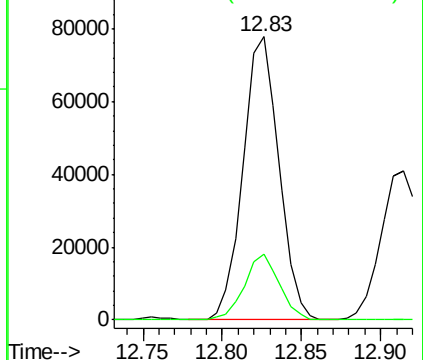
91 100

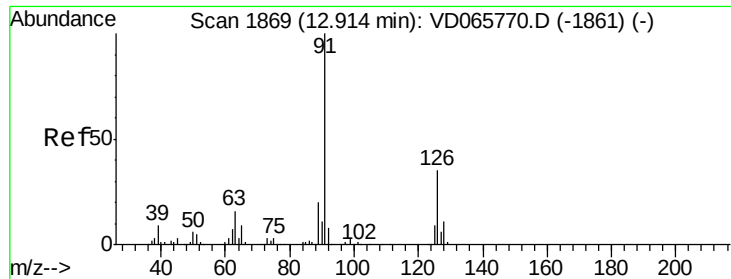
120 22.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.93 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

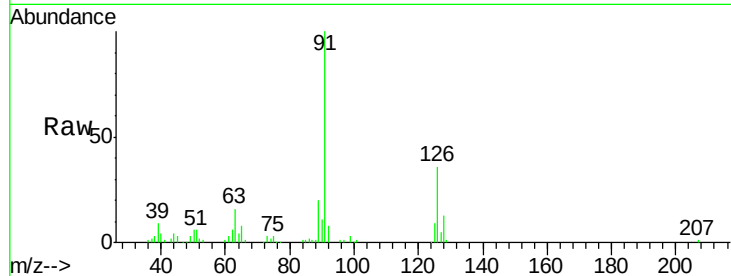
VSTDIC010

Tgt Ion: 91 Resp: 68746

Ion Ratio Lower Upper

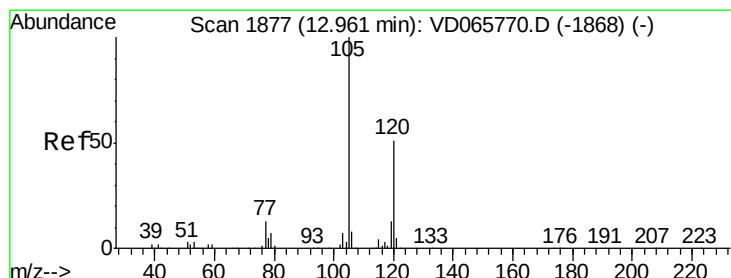
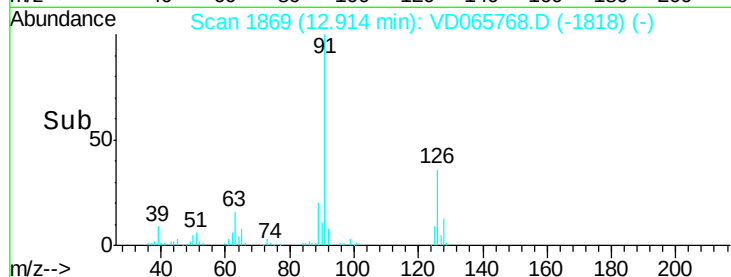
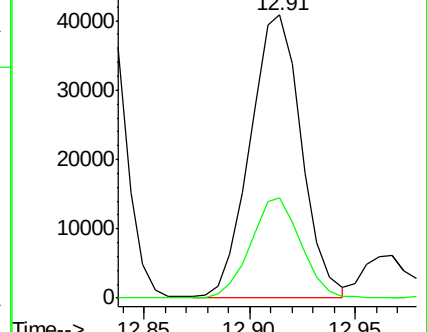
91 100

126 34.8 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 9.63 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD065768.D

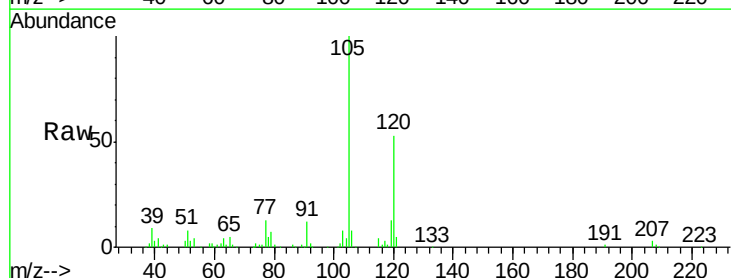
Acq: 05 Jun 2020 10:57

Tgt Ion: 105 Resp: 83255

Ion Ratio Lower Upper

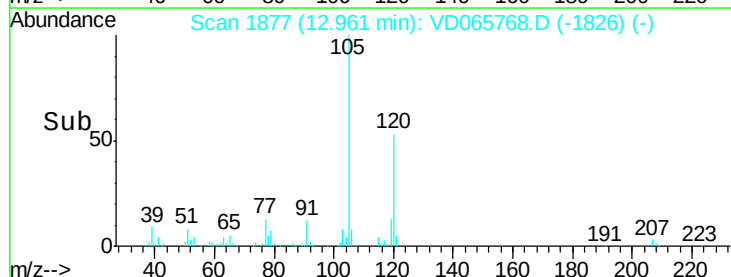
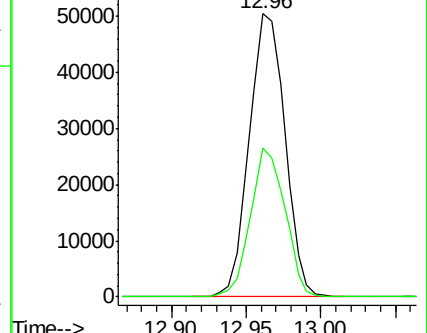
105 100

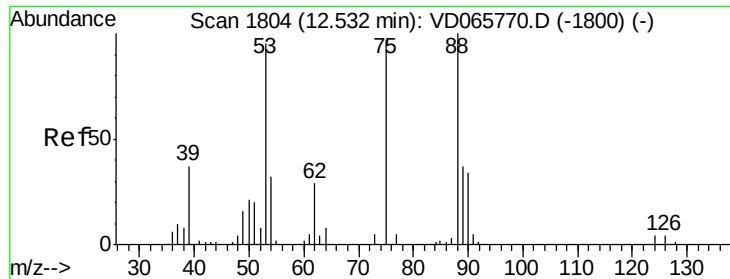
120 50.7 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 9.45 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD065768.D

Acq: 05 Jun 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

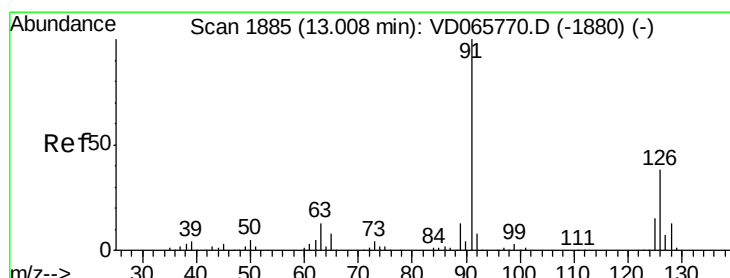
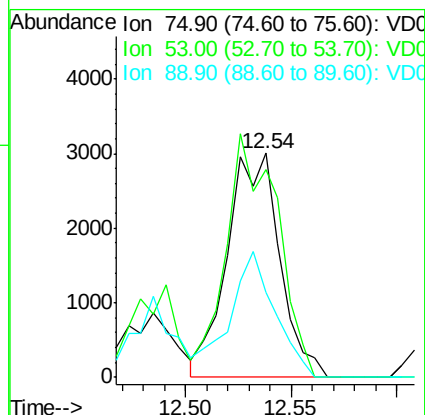
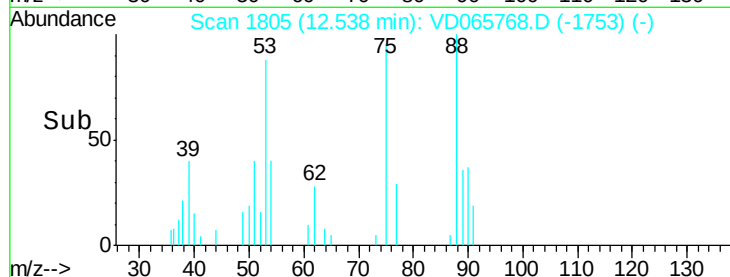
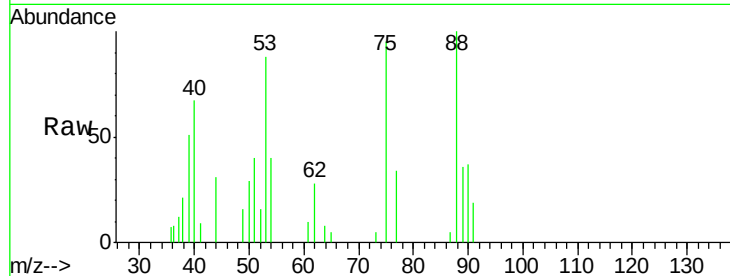
Tgt Ion: 75 Resp: 5174

Ion Ratio Lower Upper

75 100

53 106.4 82.6 123.8

89 48.3 35.9 53.9



#82

4-Chlorotoluene

Concen: 9.92 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD065768.D

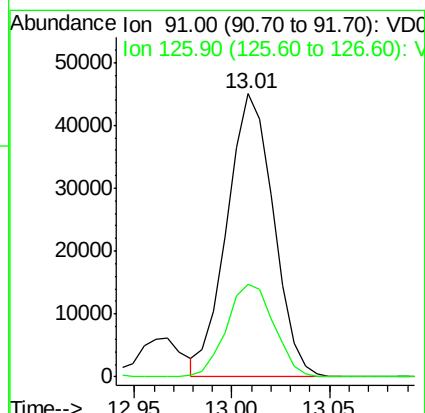
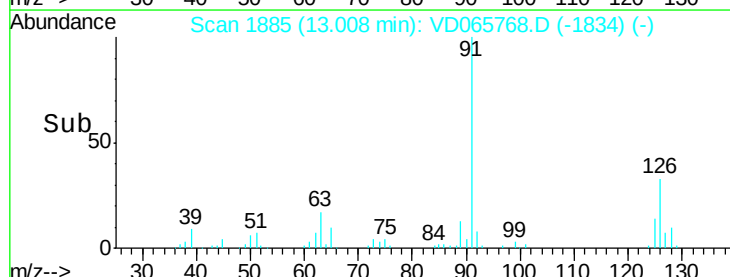
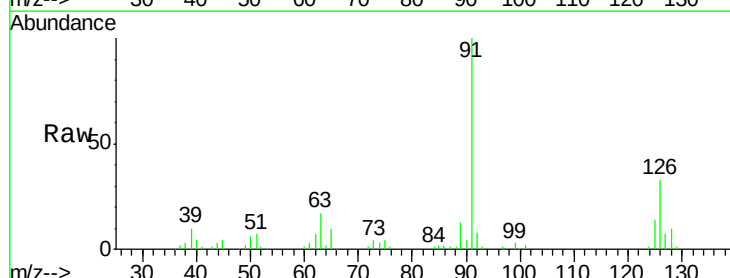
Acq: 05 Jun 2020 10:57

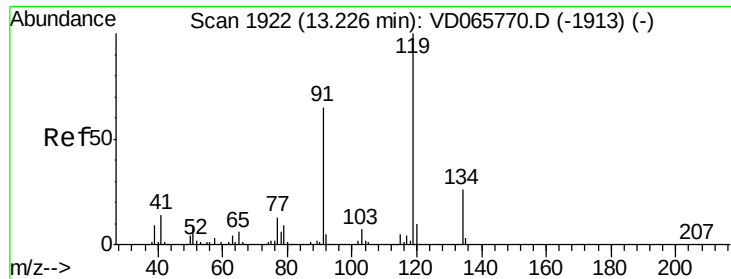
Tgt Ion: 91 Resp: 74198

Ion Ratio Lower Upper

91 100

126 33.4 17.6 52.8

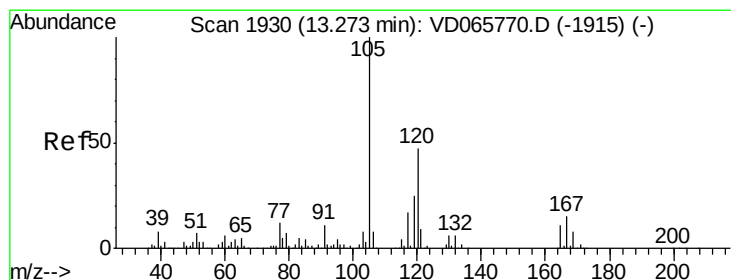
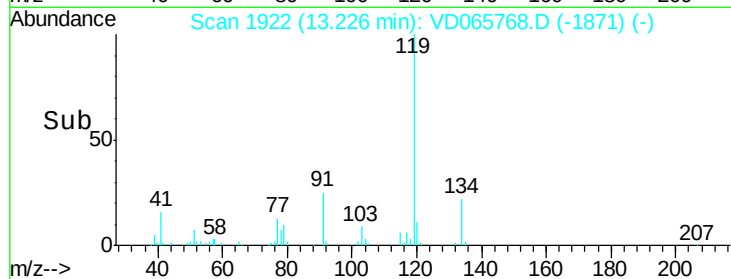
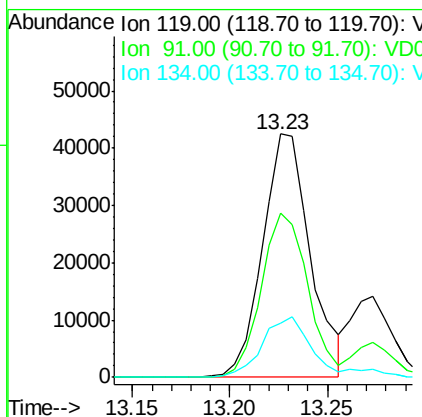
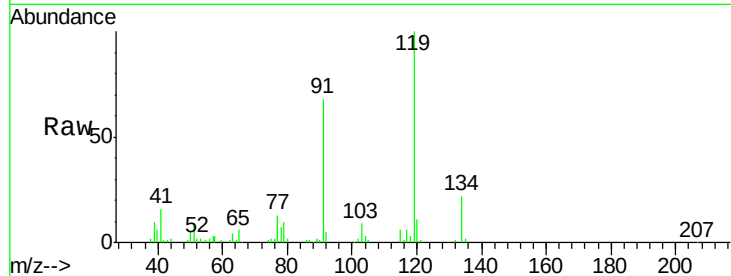




#83
 tert-Butylbenzene
 Concen: 9.62 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

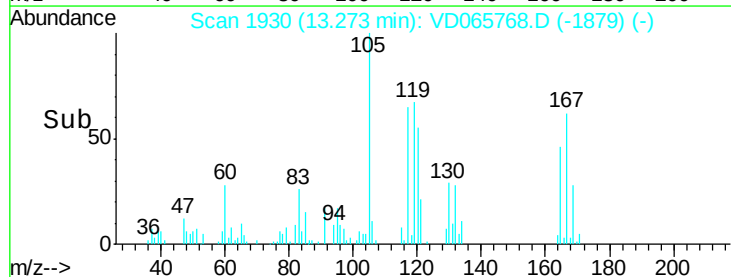
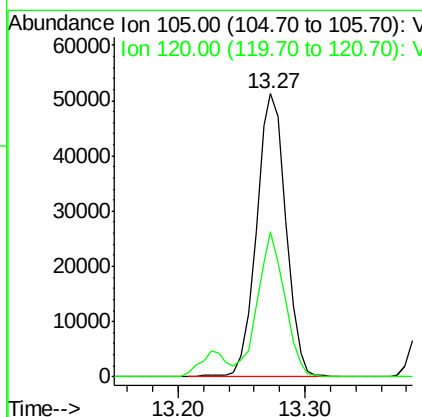
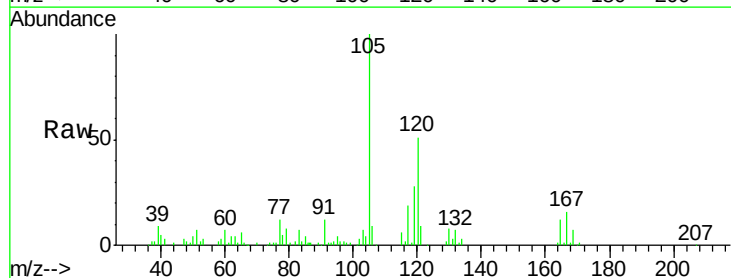
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

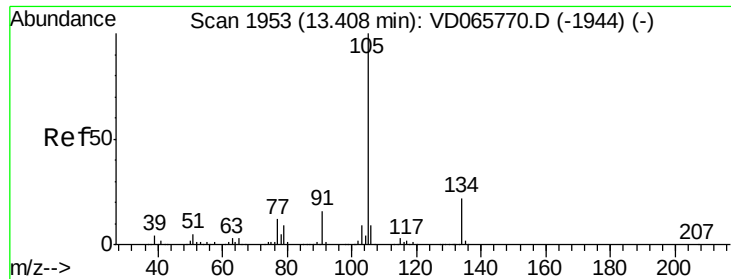
Tgt Ion:119 Resp: 71959
 Ion Ratio Lower Upper
 119 100
 91 65.6 32.0 96.0
 134 27.1 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 9.57 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Tgt Ion:105 Resp: 82792
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.3 69.8

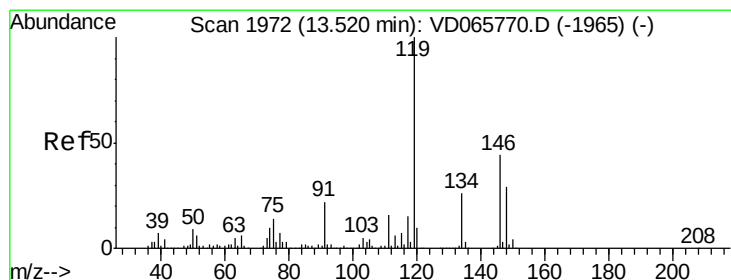
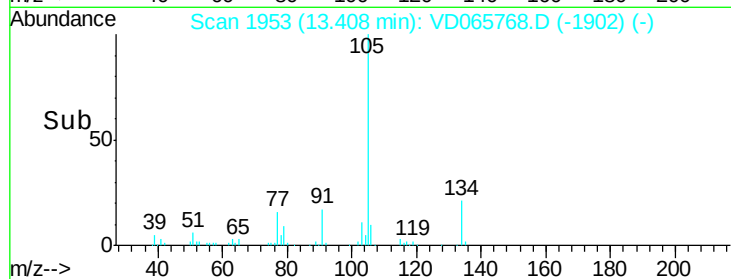
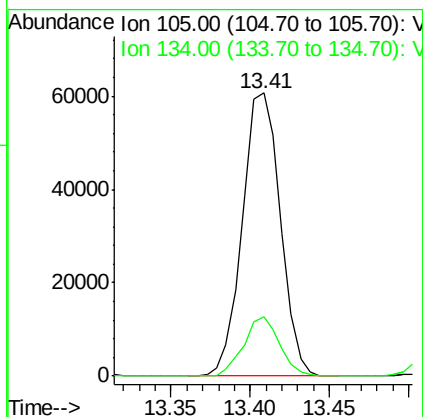
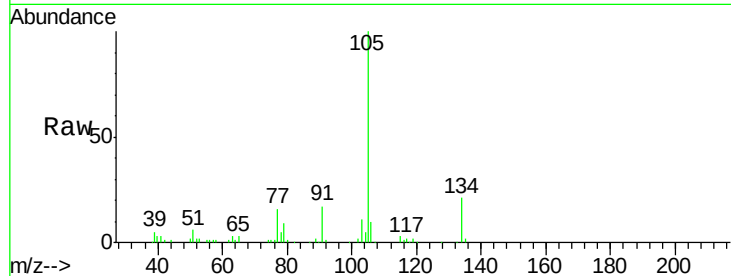




#85
 sec-Butylbenzene
 Concen: 9.64 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

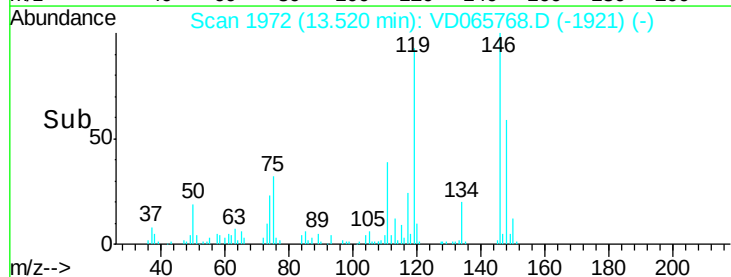
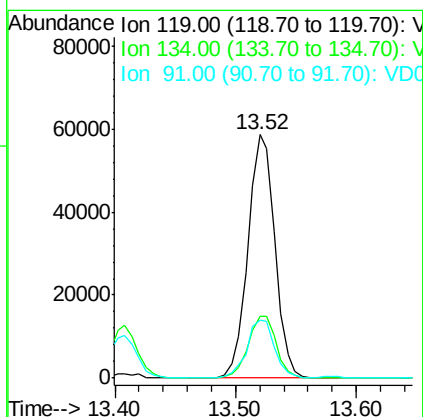
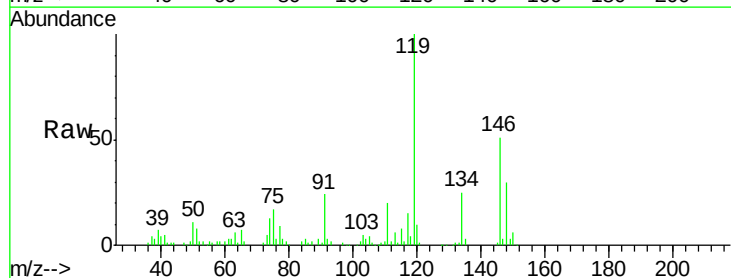
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

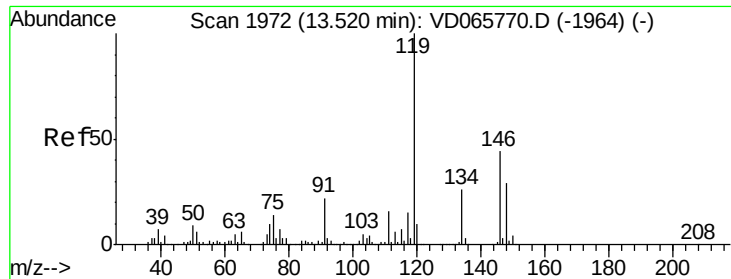
Tgt Ion:105 Resp: 101042
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 9.59 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Tgt Ion:119 Resp: 91281
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 24.9 11.8 35.4

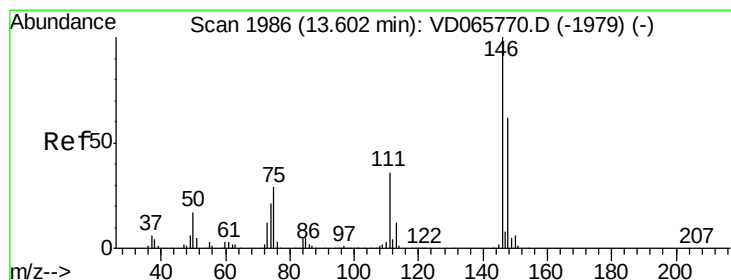
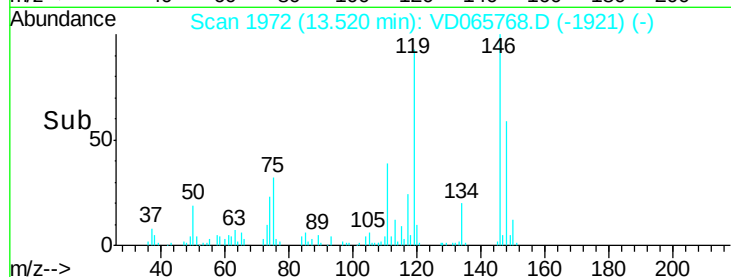
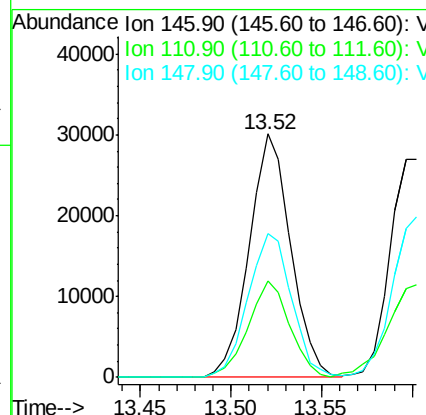
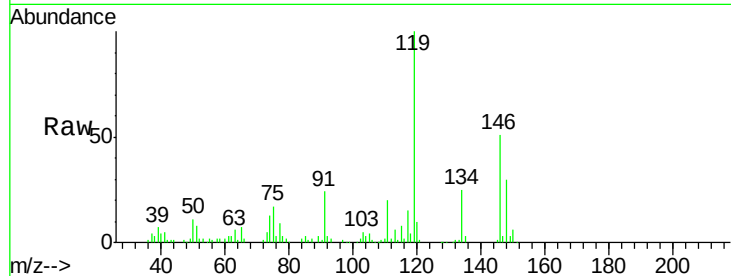




#87
 1,3-Dichlorobenzene
 Concen: 9.73 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

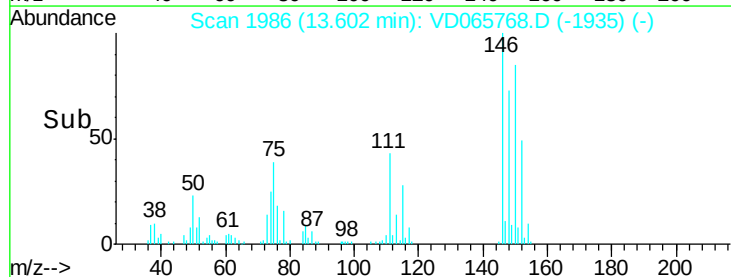
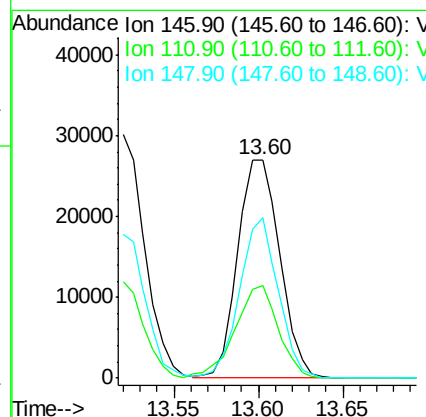
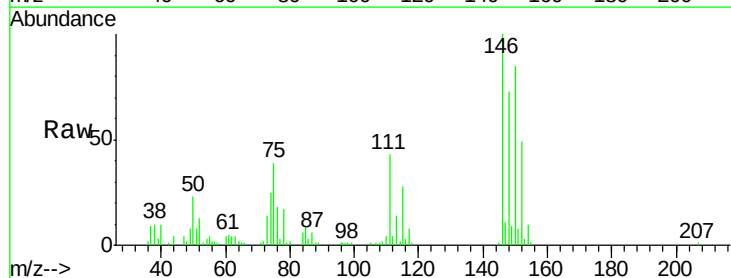
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

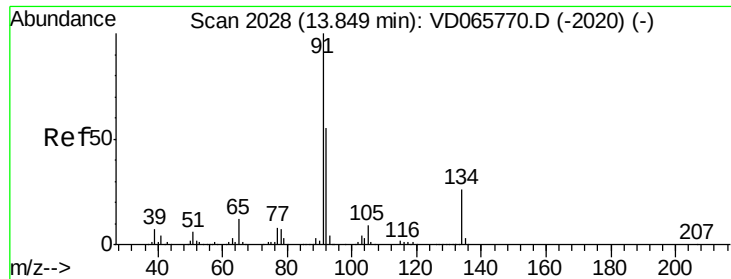
Tgt Ion:146 Resp: 47859
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.2 57.6
 148 62.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 9.57 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Tgt Ion:146 Resp: 46962
 Ion Ratio Lower Upper
 146 100
 111 43.5 18.9 56.7
 148 67.4 31.6 94.7

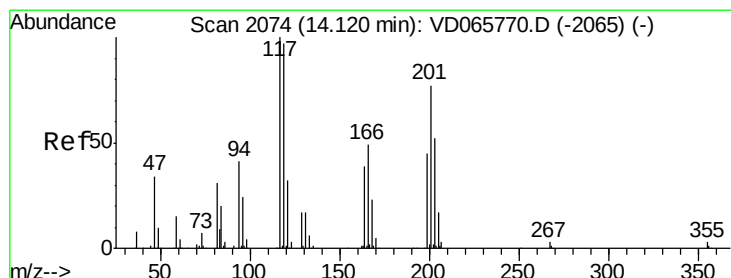
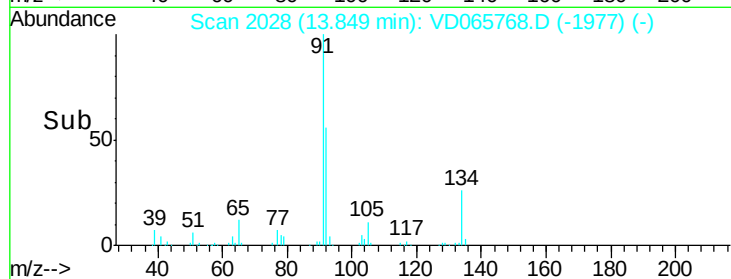
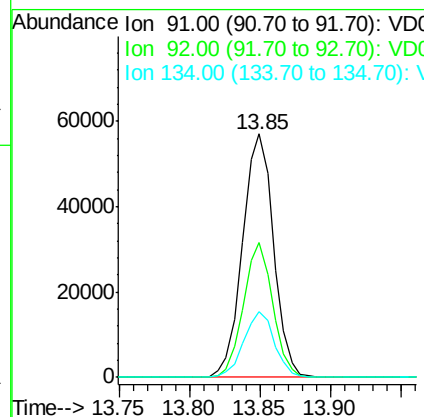
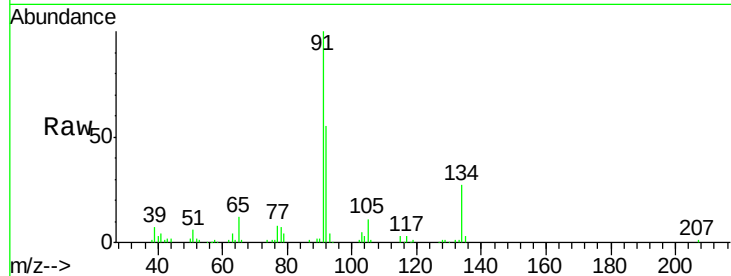




#89
n-Butylbenzene
Concen: 9.57 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

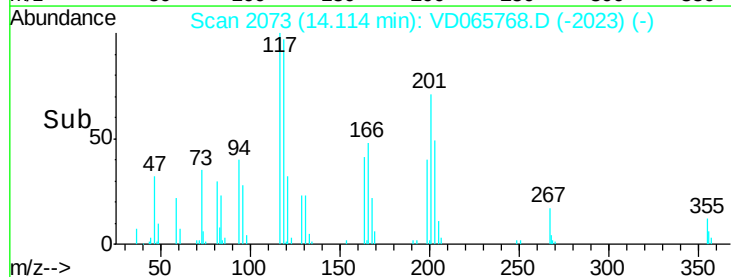
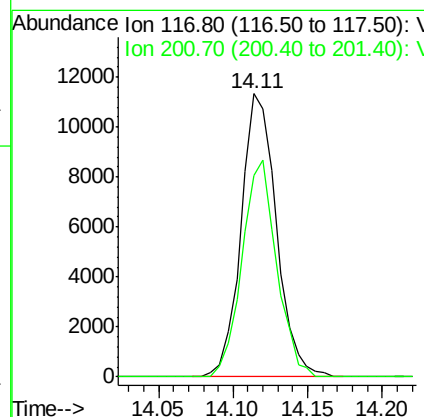
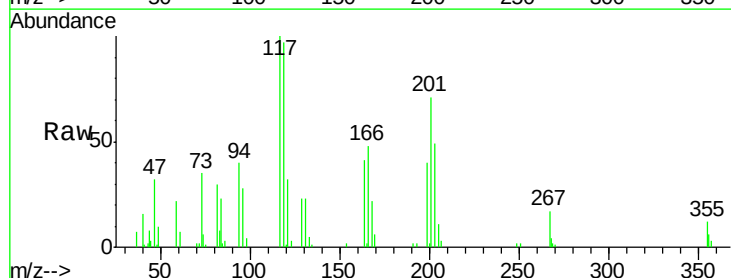
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

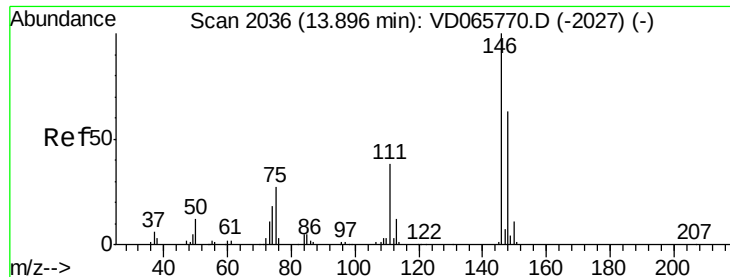
Tgt Ion: 91 Resp: 87555
Ion Ratio Lower Upper
91 100
92 52.3 27.0 81.0
134 26.5 13.0 39.0



#90
Hexachloroethane
Concen: 9.64 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD065768.D
Acq: 05 Jun 2020 10:57

Tgt Ion: 117 Resp: 18640
Ion Ratio Lower Upper
117 100
201 74.4 37.1 111.5

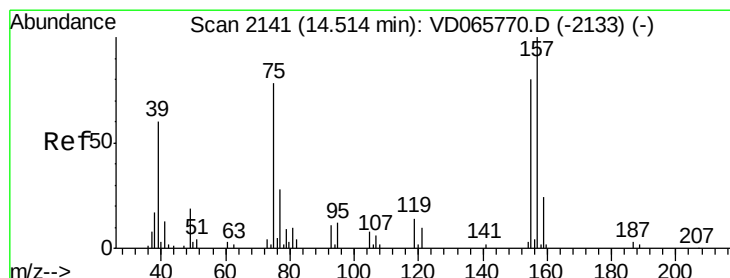
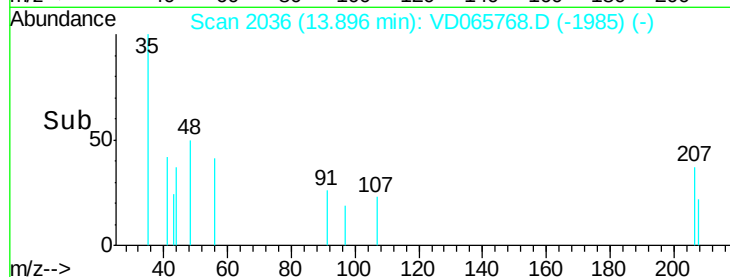
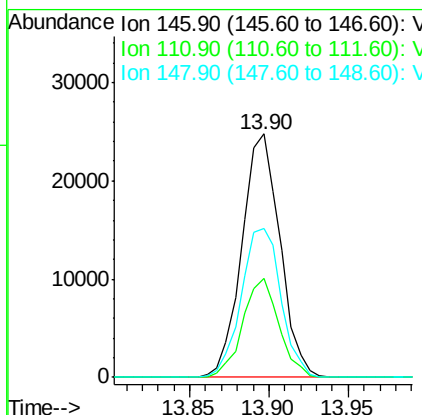
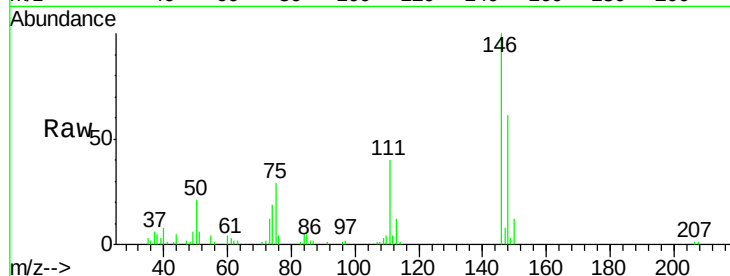




#91
 1,2-Dichlorobenzene
 Concen: 9.81 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

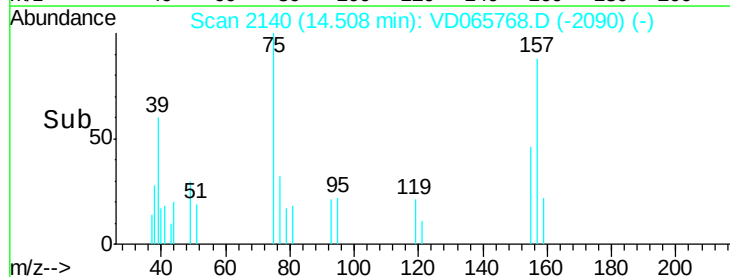
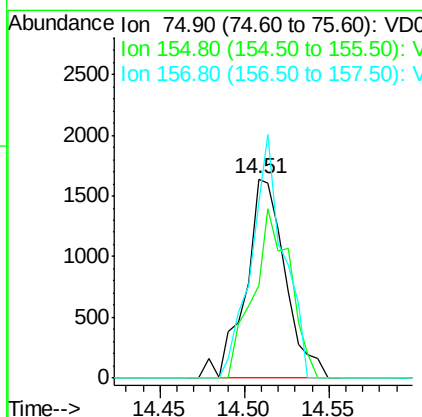
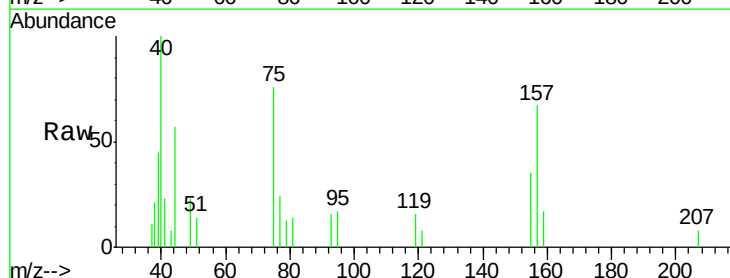
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

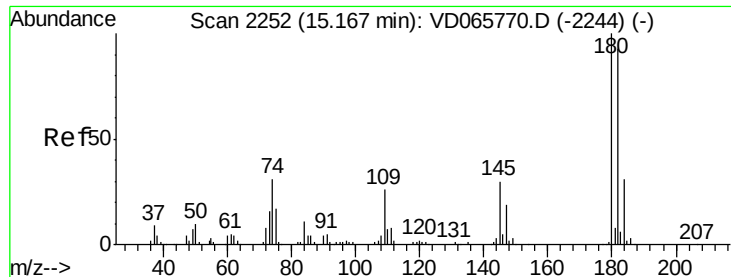
Tgt Ion:146 Resp: 41376
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.8 59.4
 148 63.8 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.98 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Tgt Ion: 75 Resp: 2684
 Ion Ratio Lower Upper
 75 100
 155 78.5 46.3 138.9
 157 99.6 58.1 174.3

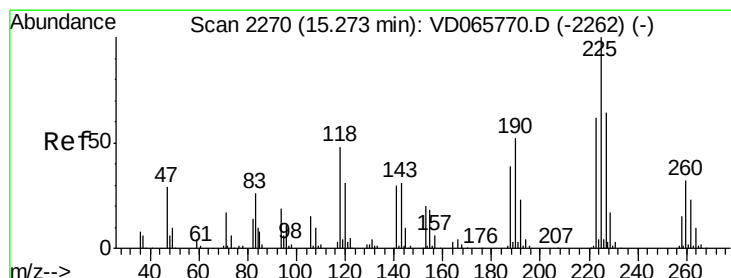
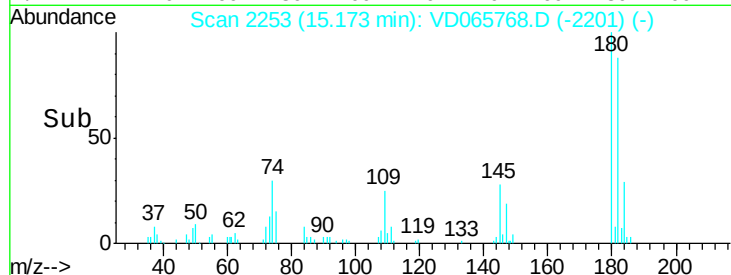
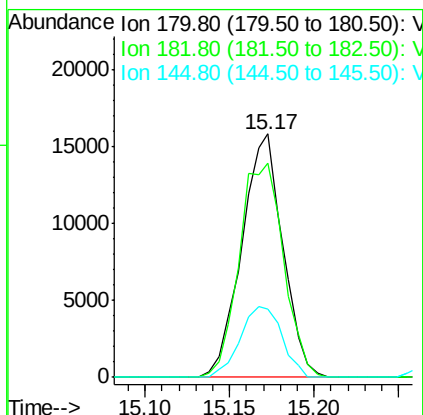
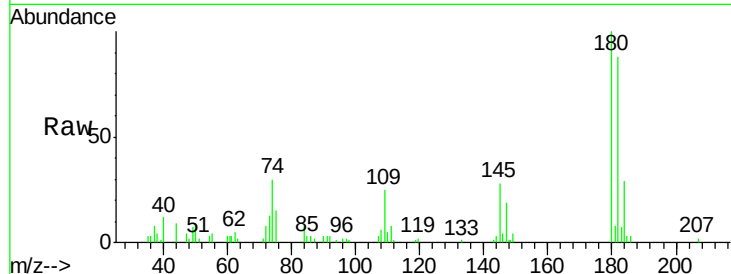




#93
 1,2,4-Trichlorobenzene
 Concen: 9.56 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 26706
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.0 144.2
 145 29.6 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 9.30 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD065768.D
 Acq: 05 Jun 2020 10:57

Tgt Ion:225 Resp: 16005
 Ion Ratio Lower Upper
 225 100
 223 59.1 30.9 92.7
 227 64.9 31.9 95.7

