

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
 Data File : VD065770.D
 Acq On : 05 Jun 2020 11:51
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 05 12:45:58 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	7.98	168	228535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	354340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	334481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	167846	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	114167	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	7.92	113	114211	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.34	98	440056	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.64	95	146731	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	76509	41.07	ug/l	100
3) Chloromethane	2.21	50	134489	42.49	ug/l	100
4) Vinyl Chloride	2.35	62	162731	45.03	ug/l	100
5) Bromomethane	2.77	94	110172	43.57	ug/l	100
6) Chloroethane	2.93	64	109903	45.11	ug/l	100
7) Trichlorofluoromethane	3.27	101	181171	44.60	ug/l	100
8) Diethyl Ether	3.71	74	51117	49.70	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	108367	44.92	ug/l	100
10) Methyl Iodide	4.30	142	115106	54.70	ug/l	100
11) Tert butyl alcohol	5.22	59	31615	170.56	ug/l	100
12) 1,1-Dichloroethene	4.07	96	100960	46.64	ug/l	100
13) Acrolein	3.93	56	29031	213.37	ug/l	100
14) Allyl chloride	4.71	41	171149	48.74	ug/l	100
15) Acrylonitrile	5.42	53	116925	251.02	ug/l	100
16) Acetone	4.16	43	103658	239.21	ug/l	100
17) Carbon Disulfide	4.41	76	338032	46.31	ug/l	100
18) Methyl Acetate	4.71	43	49763	41.73	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	240170	50.41	ug/l	100
20) Methylene Chloride	4.97	84	115829	40.82	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	119805	47.85	ug/l	100
22) Diisopropyl ether	6.37	45	354370	50.21	ug/l	100
23) Vinyl Acetate	6.30	43	1050469	271.73	ug/l	100
24) 1,1-Dichloroethane	6.27	63	205771	47.08	ug/l	100
25) 2-Butanone	7.21	43	153278	256.96	ug/l	100
26) 2,2-Dichloropropane	7.21	77	183758	47.32	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	132249	49.60	ug/l	100
28) Bromochloromethane	7.55	49	83555	50.68	ug/l	100
29) Tetrahydrofuran	7.57	42	94347	251.28	ug/l	100
30) Chloroform	7.71	83	214371	47.45	ug/l	100
31) Cyclohexane	7.98	56	190970	44.41	ug/l	100
32) 1,1,1-Trichloroethane	7.91	97	197327	47.39	ug/l	100
36) 1,1-Dichloropropene	8.11	75	169235	48.58	ug/l	100
37) Ethyl Acetate	7.30	43	69396	51.23	ug/l	100
38) Carbon Tetrachloride	8.10	117	178531	48.86	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	203785	50.38	ug/l	100
40) Benzene	8.36	78	465232	49.42	ug/l	100
41) Methacrylonitrile	7.53	41	45651	54.04	ug/l	100
42) 1,2-Dichloroethane	8.43	62	140611	48.79	ug/l	100
43) Isopropyl Acetate	8.46	43	136653	51.40	ug/l	100
44) Trichloroethene	9.11	130	128209	49.04	ug/l	100
45) 1,2-Dichloropropane	9.39	63	118014	49.59	ug/l	100
46) Dibromomethane	9.48	93	64112	49.95	ug/l	100
47) Bromodichloromethane	9.67	83	169161	48.95	ug/l	100
48) Methyl methacrylate	9.46	41	68800	52.88	ug/l	100
49) 1,4-Dioxane	9.47	88	14442	1070.73	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	338690	261.35	ug/l	100
52) Toluene	10.40	92	306833	50.88	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	158732	52.13	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	187805	52.05	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	86584	50.79	ug/l	100
56) Ethyl methacrylate	10.66	69	106133	54.93	ug/l	100
57) 1,3-Dichloropropane	10.95	76	149897	50.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	244190	269.64	ug/l	100
59) 2-Hexanone	10.99	43	234938	272.01	ug/l	100
60) Dibromochloromethane	11.14	129	118396	51.63	ug/l	100
61) 1,2-Dibromoethane	11.25	107	85781	51.66	ug/l	100
64) Tetrachloroethene	10.88	164	108899	47.03	ug/l	100
65) Chlorobenzene	11.67	112	323390	48.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	122420	49.94	ug/l	100
67) Ethyl Benzene	11.75	91	586879	50.16	ug/l	100
68) m/p-Xylenes	11.86	106	453380	100.65	ug/l	100
69) o-Xylene	12.18	106	206466	51.64	ug/l	100
70) Styrene	12.20	104	366882	53.13	ug/l	100
71) Bromoform	12.36	173	68678	51.27	ug/l #	100
73) Isopropylbenzene	12.48	105	572478	50.64	ug/l	100
74) N-amyl acetate	12.29	43	129351	51.58	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	93865	47.76	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	127950	97.32	ug/l #	100
77) Bromobenzene	12.77	156	137543	51.31	ug/l	100
78) n-propylbenzene	12.83	91	689207	50.23	ug/l	100
79) 2-Chlorotoluene	12.91	91	377275	50.09	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	481760	51.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	31007	52.04	ug/l	100
82) 4-Chlorotoluene	13.01	91	400140	49.18	ug/l	100
83) tert-Butylbenzene	13.23	119	416833	51.25	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	484405	51.47	ug/l	100
85) sec-Butylbenzene	13.41	105	578210	50.71	ug/l	100
86) p-Isopropyltoluene	13.52	119	539479	52.11	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	261737	48.92	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	260867	48.87	ug/l	100
89) n-Butylbenzene	13.85	91	503144	50.55	ug/l	100
90) Hexachloroethane	14.12	117	104932	49.88	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	228033	49.69	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15679	48.23	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Jun 05 12:42:03 2020
Response via : Initial Calibration

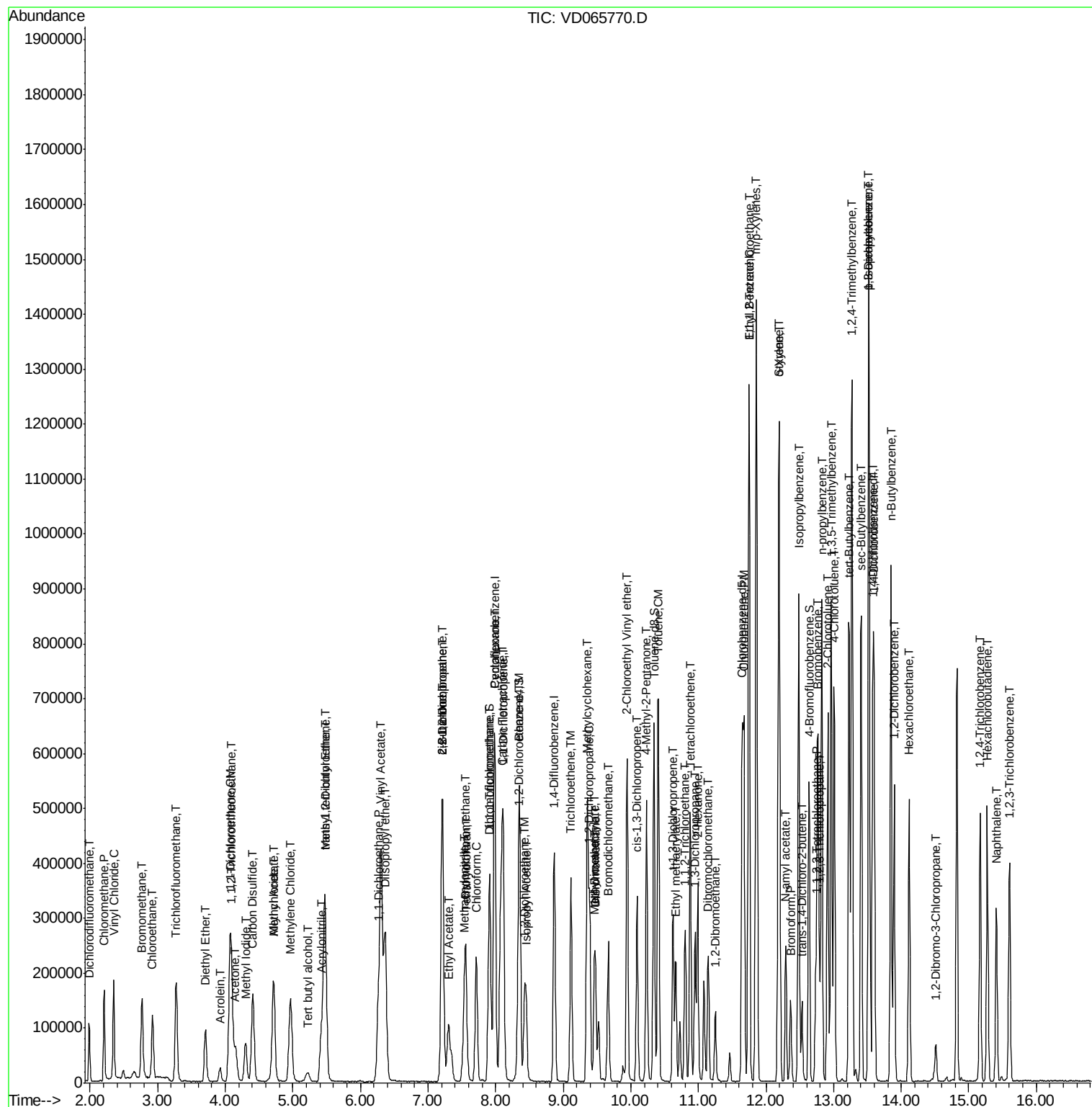
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	157347	51.76	ug/l	100
94) Hexachlorobutadiene	15.27	225	93698	50.05	ug/l	100
95) Naphthalene	15.41	128	274444	54.10	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	137460	52.60	ug/l	100

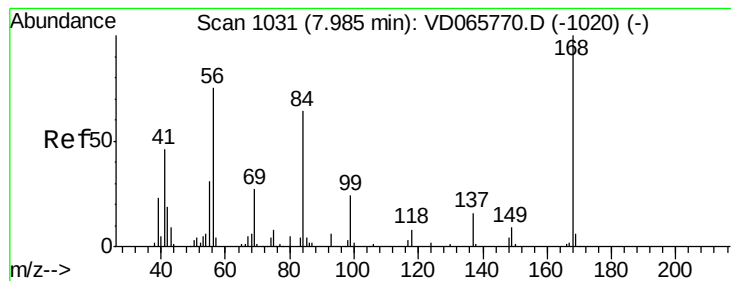
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

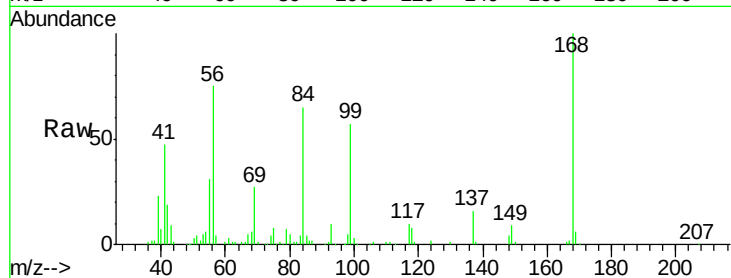
VSTDICCC050

Tgt Ion:168 Resp: 228535

Ion Ratio Lower Upper

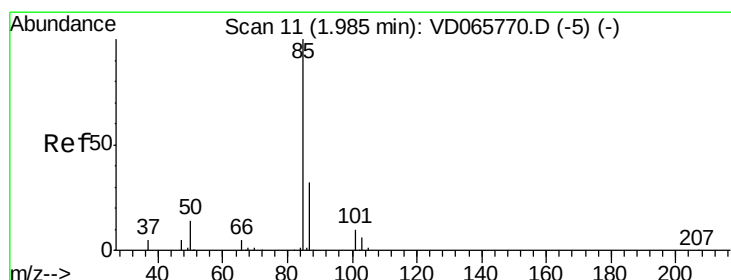
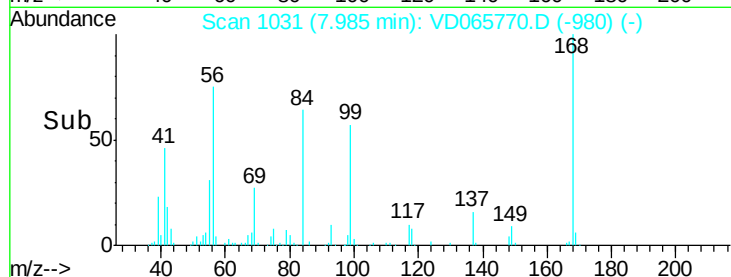
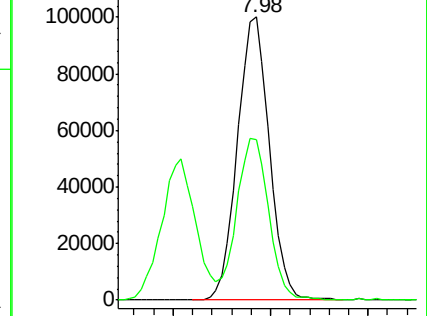
168 100

99 56.6 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: 41.07 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065770.D

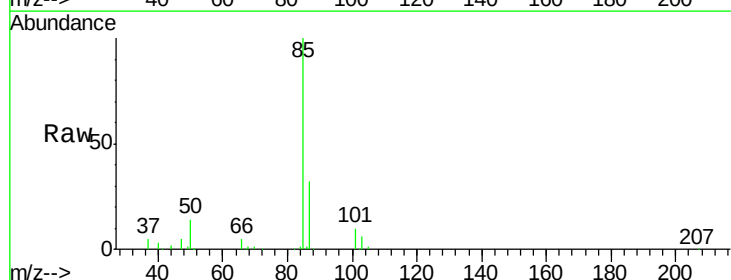
Acq: 05 Jun 2020 11:51

Tgt Ion: 85 Resp: 76509

Ion Ratio Lower Upper

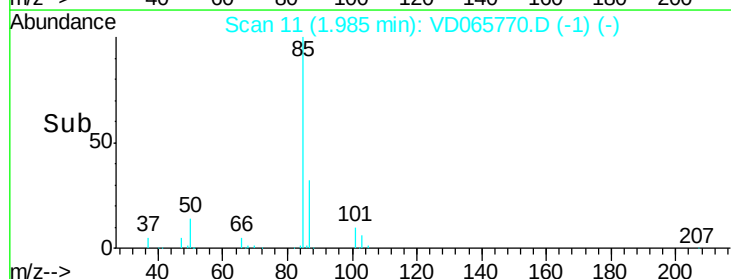
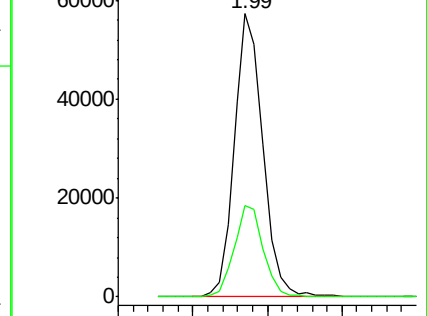
85 100

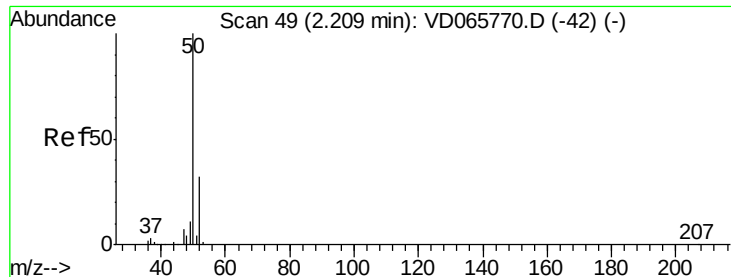
87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.49 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

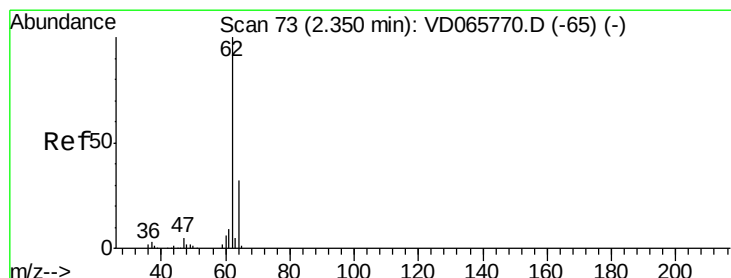
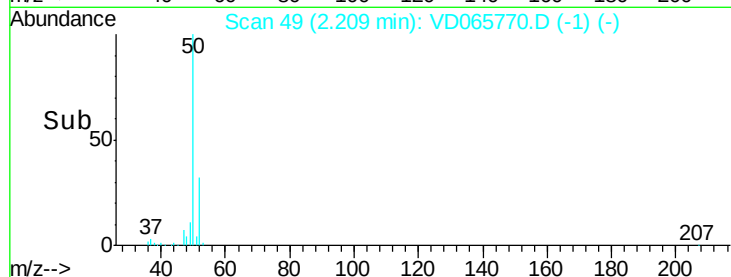
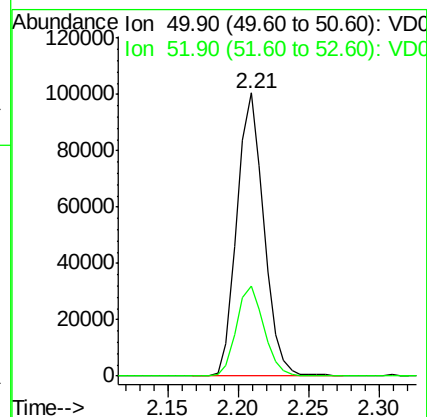
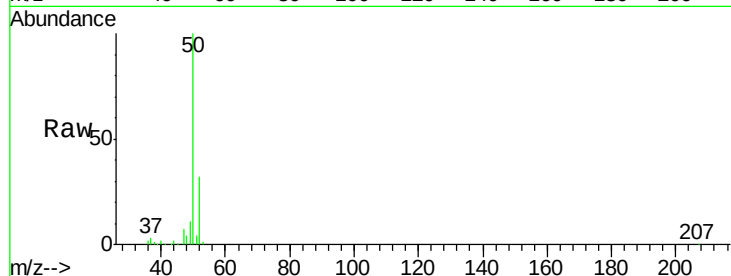
VSTDICCC050

Tgt Ion: 50 Resp: 134489

Ion Ratio Lower Upper

50 100

52 32.0 25.6 38.4



#4

Vinyl Chloride

Concen: 45.03 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065770.D

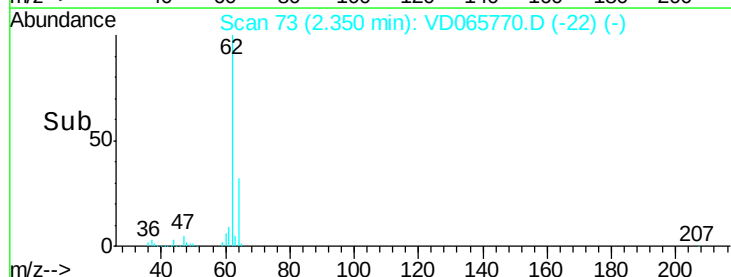
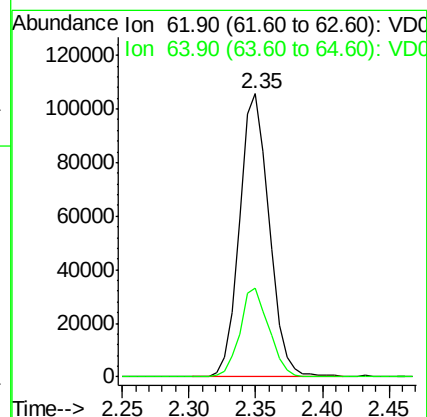
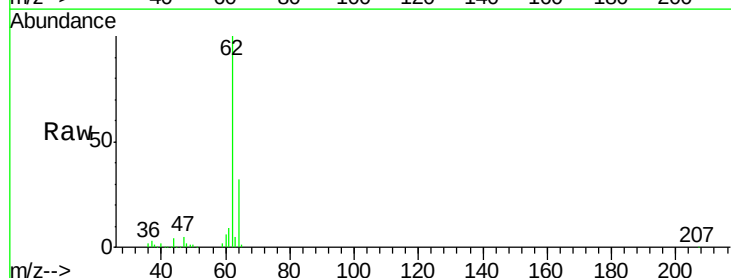
Acq: 05 Jun 2020 11:51

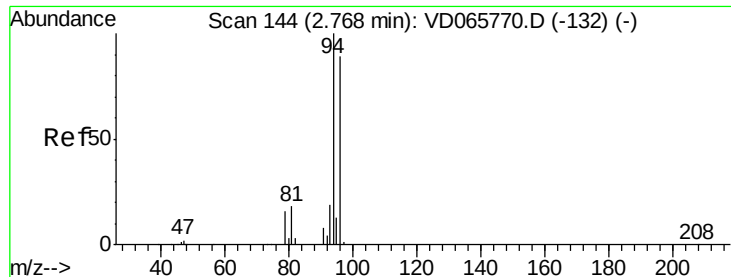
Tgt Ion: 62 Resp: 162731

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 43.57 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

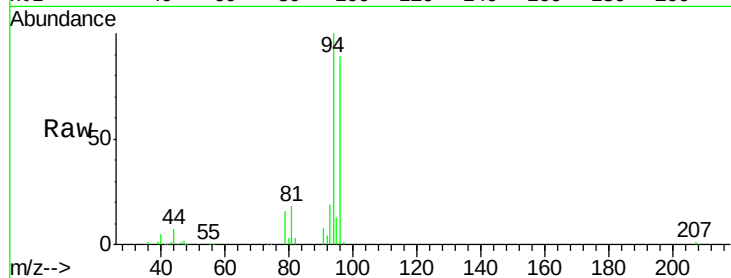
VSTDICCC050

Tgt Ion: 94 Resp: 110172

Ion Ratio Lower Upper

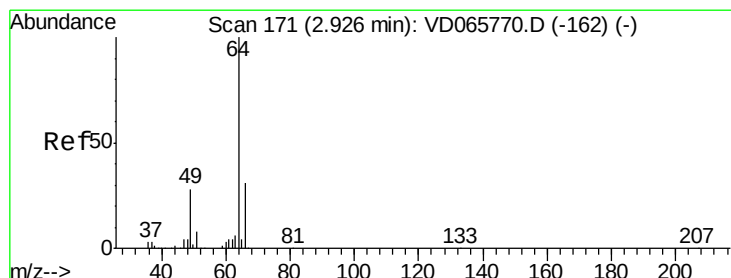
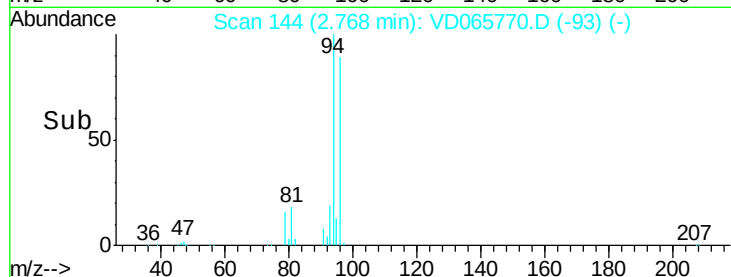
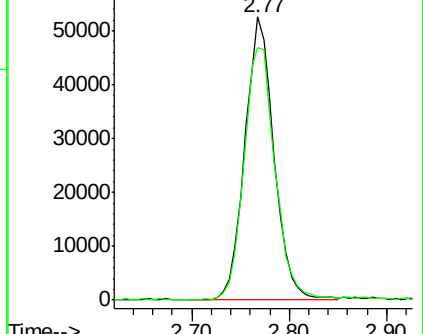
94 100

96 89.2 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 45.11 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065770.D

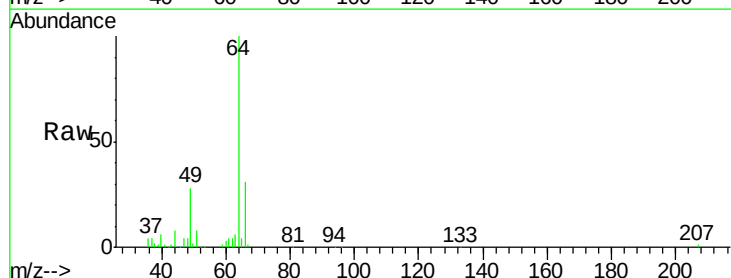
Acq: 05 Jun 2020 11:51

Tgt Ion: 64 Resp: 109903

Ion Ratio Lower Upper

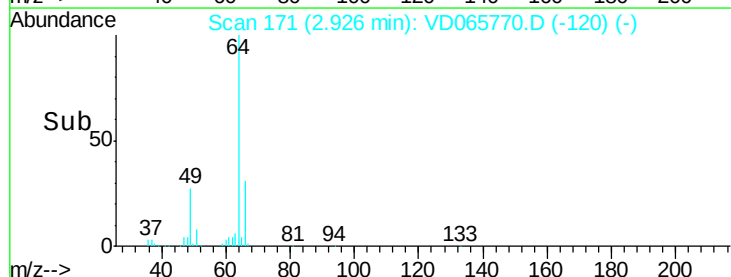
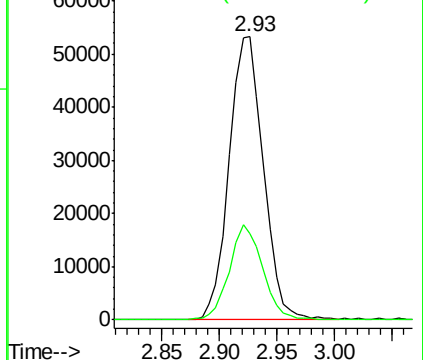
64 100

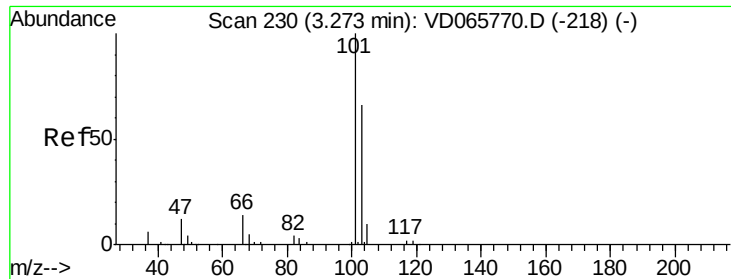
66 30.6 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



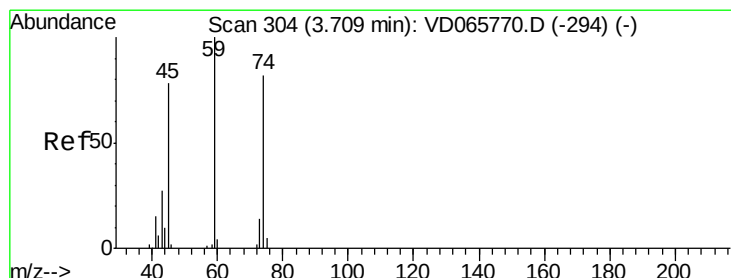
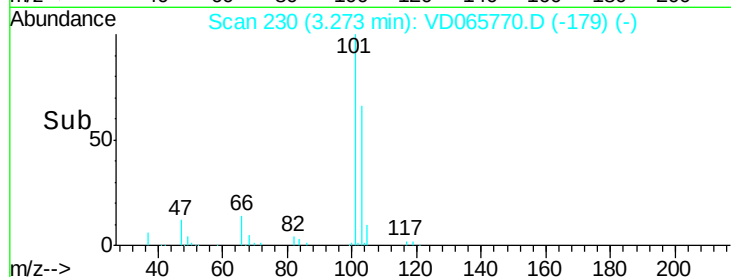
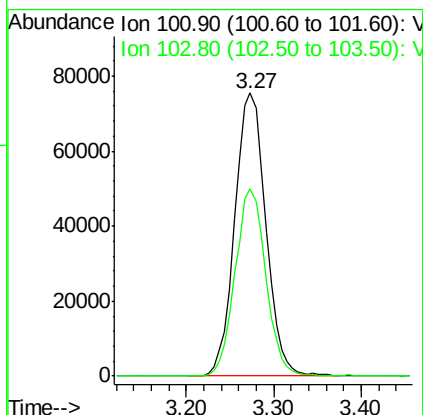
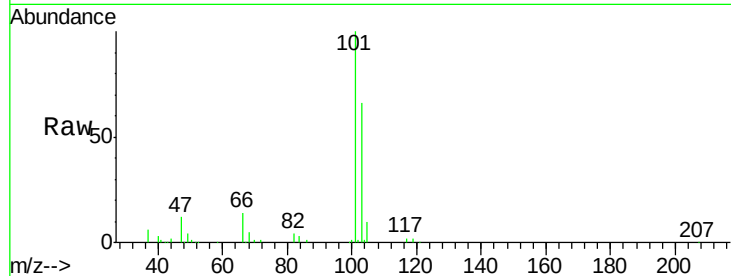


#7

Trichlorofluoromethane
 Concen: 44.60 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

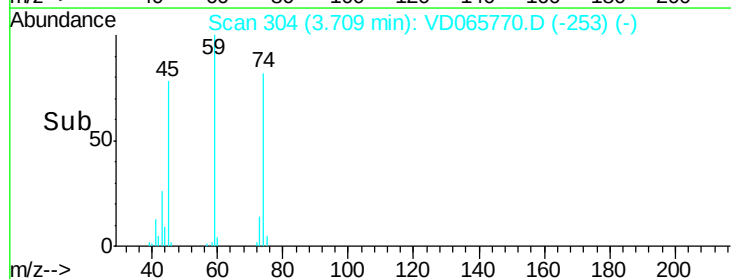
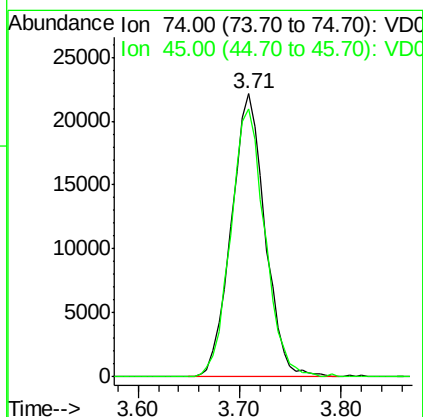
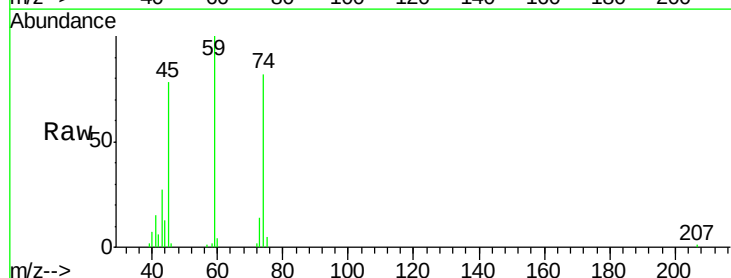
Tgt Ion:101 Resp: 181171
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.1 79.7

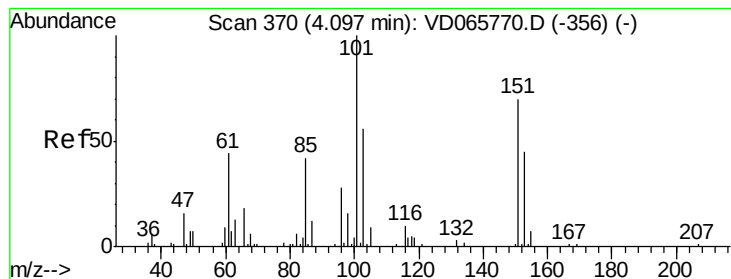


#8

Diethyl Ether
 Concen: 49.70 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 74 Resp: 51117
 Ion Ratio Lower Upper
 74 100
 45 95.9 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.92 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

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VSTDICCC050

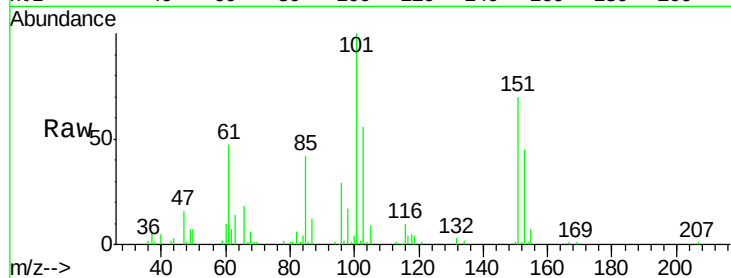
Tgt Ion:101 Resp: 108367

Ion Ratio Lower Upper

101 100

85 45.6 36.5 54.7

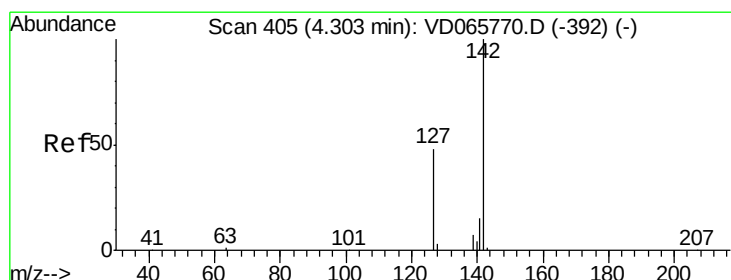
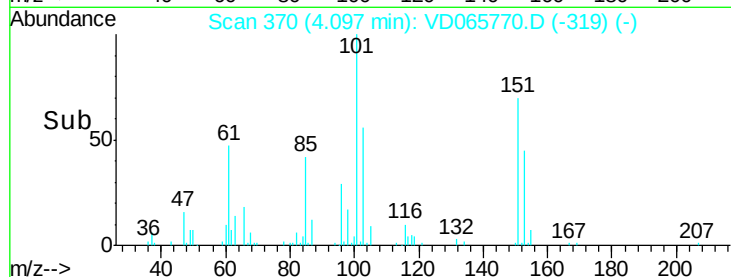
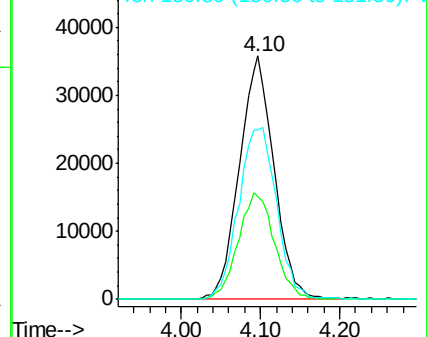
151 77.2 61.8 92.6



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: 54.70 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

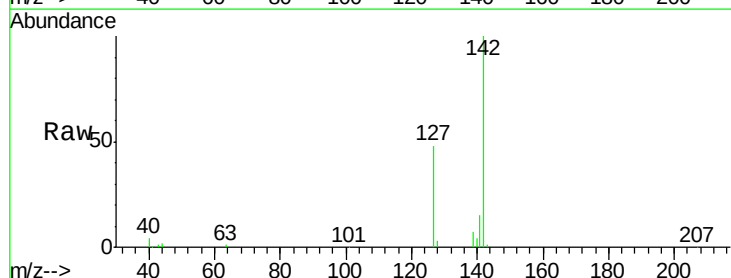
Tgt Ion:142 Resp: 115106

Ion Ratio Lower Upper

142 100

127 47.0 37.6 56.4

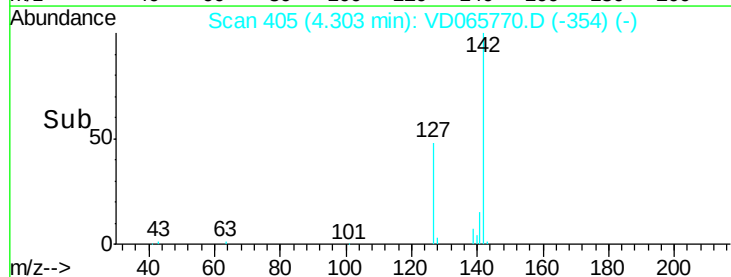
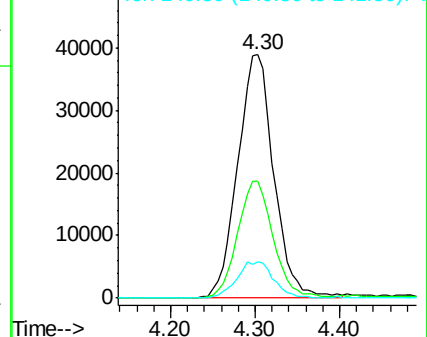
141 15.1 12.1 18.1

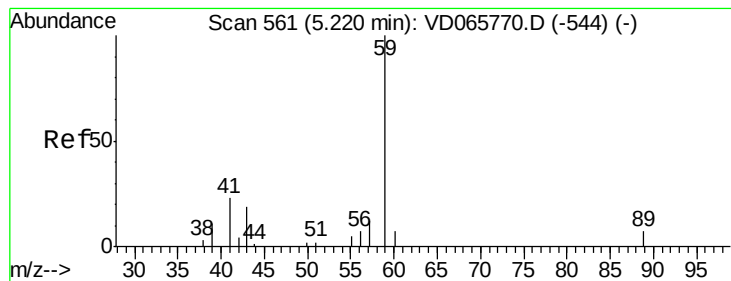


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 170.56 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

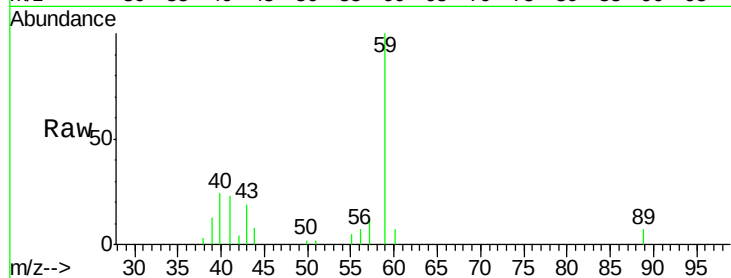
VSTDICCC050

Tgt Ion: 59 Resp: 31615

Ion Ratio Lower Upper

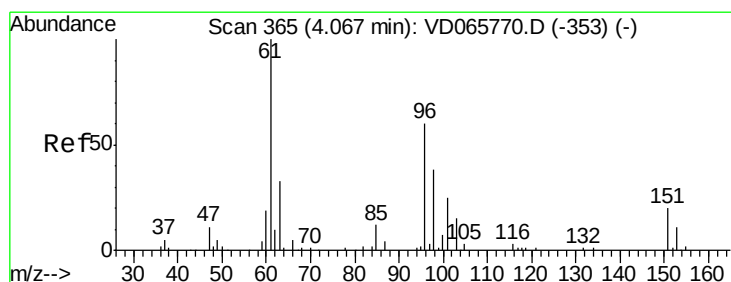
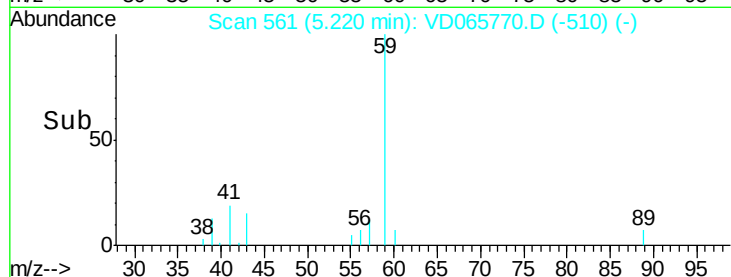
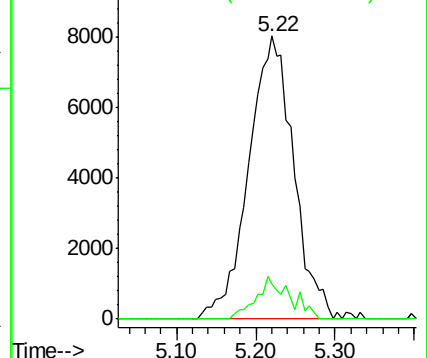
59 100

57 9.4 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: 46.64 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

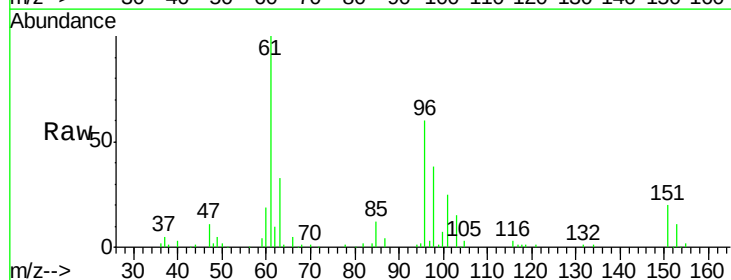
Tgt Ion: 96 Resp: 100960

Ion Ratio Lower Upper

96 100

61 165.4 132.3 198.5

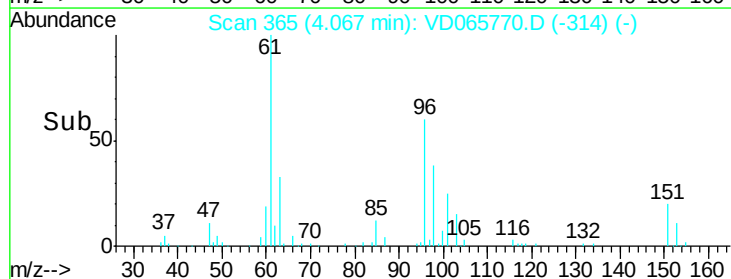
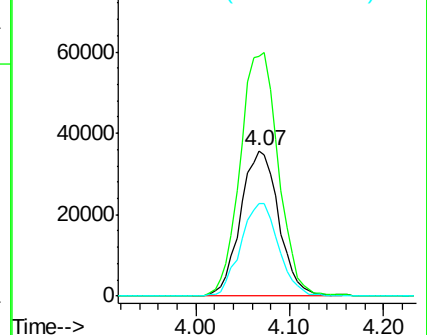
98 63.4 50.7 76.1

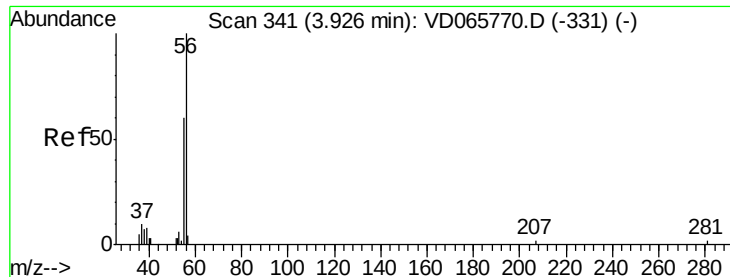


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 213.37 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

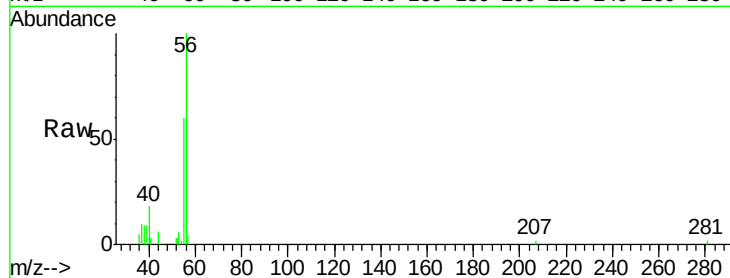
VSTDICCC050

Tgt Ion: 56 Resp: 29031

Ion Ratio Lower Upper

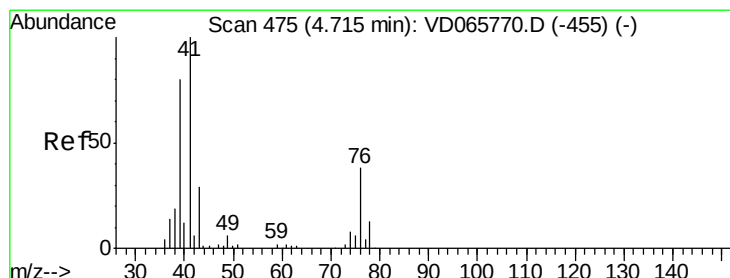
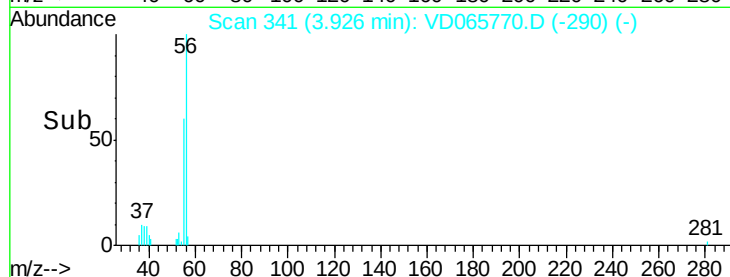
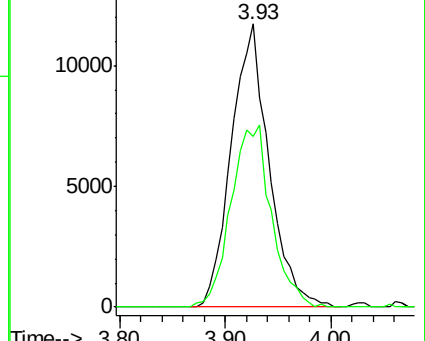
56 100

55 68.5 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: 48.74 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

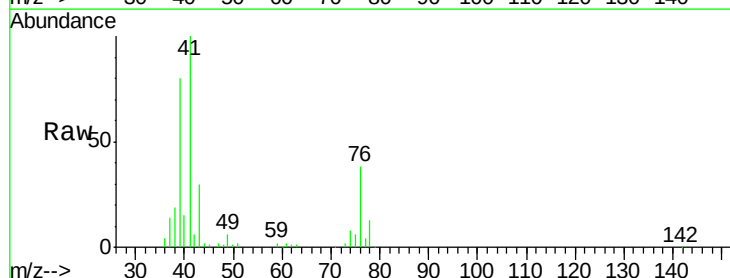
Tgt Ion: 41 Resp: 171149

Ion Ratio Lower Upper

41 100

39 76.1 60.9 91.3

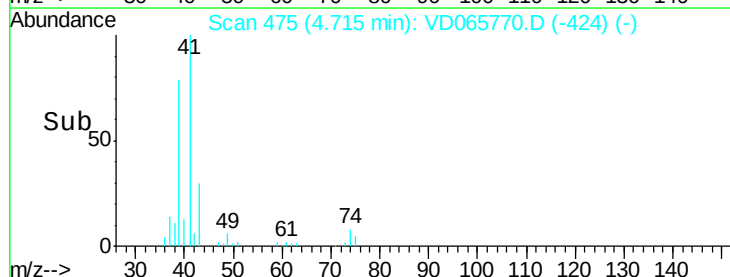
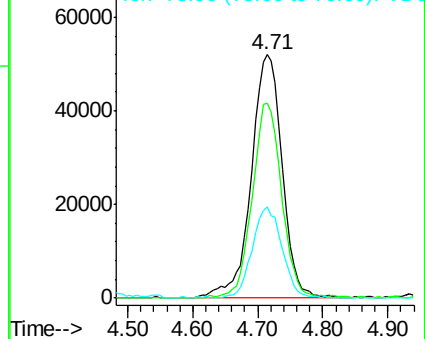
76 36.1 28.9 43.3

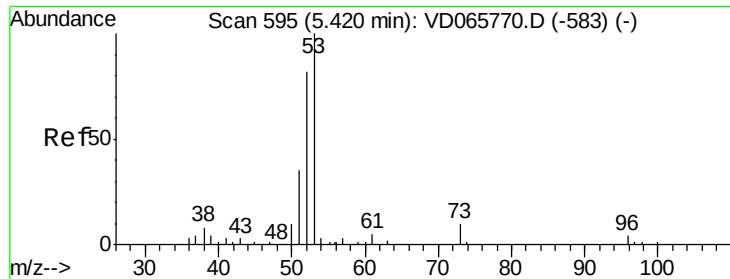


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 251.02 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

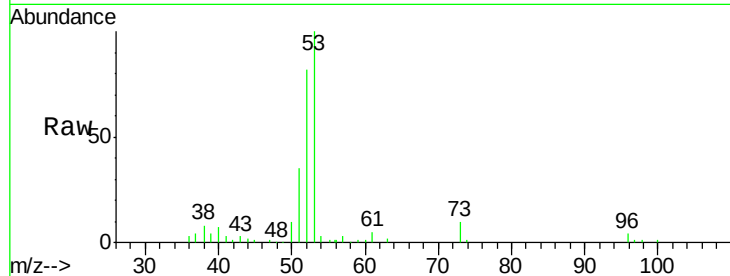
Tgt Ion: 53 Resp: 116925

Ion Ratio Lower Upper

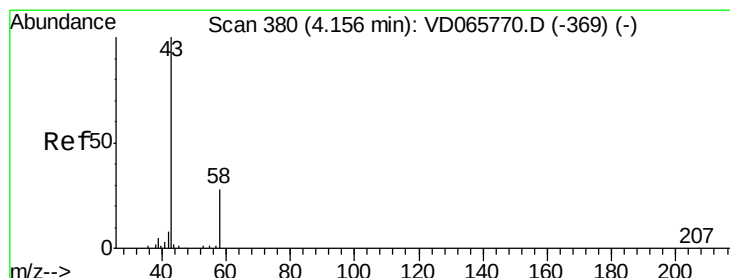
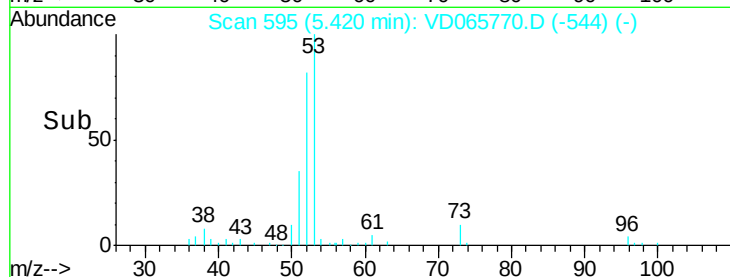
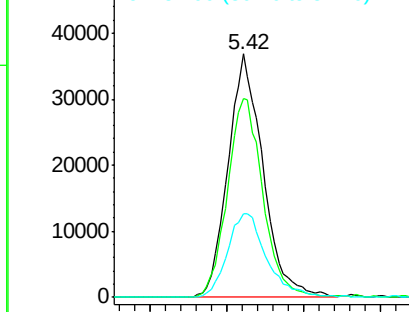
53 100

52 82.7 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: 239.21 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065770.D

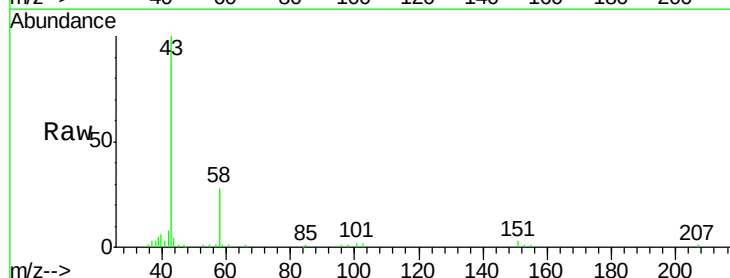
Acq: 05 Jun 2020 11:51

Tgt Ion: 43 Resp: 103658

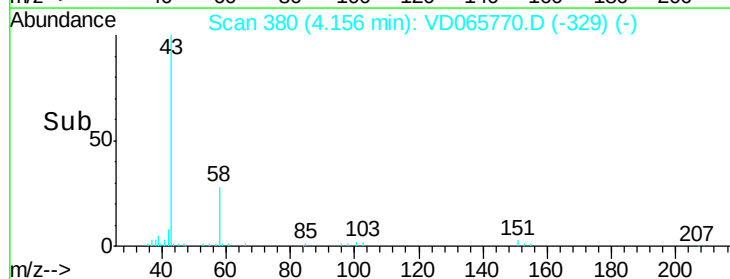
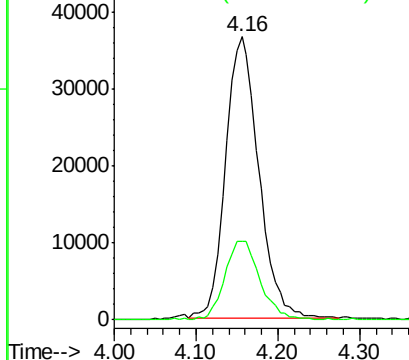
Ion Ratio Lower Upper

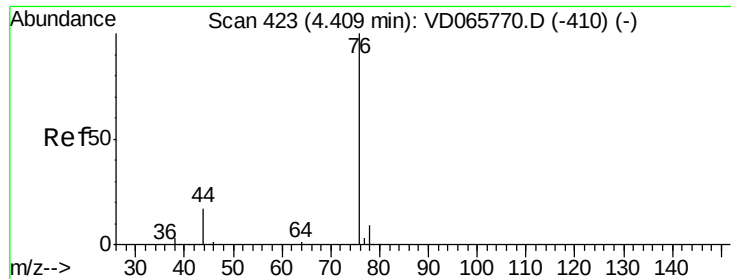
43 100

58 27.9 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: 46.31 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

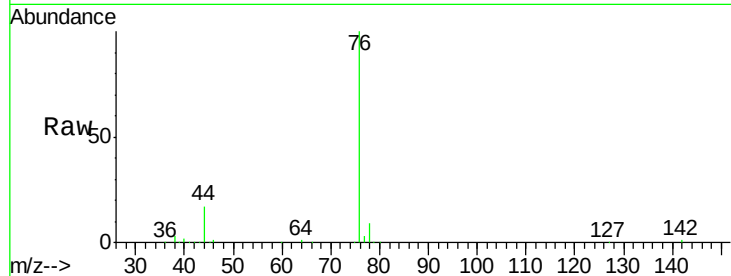
VSTDICCC050

Tgt Ion: 76 Resp: 338032

Ion Ratio Lower Upper

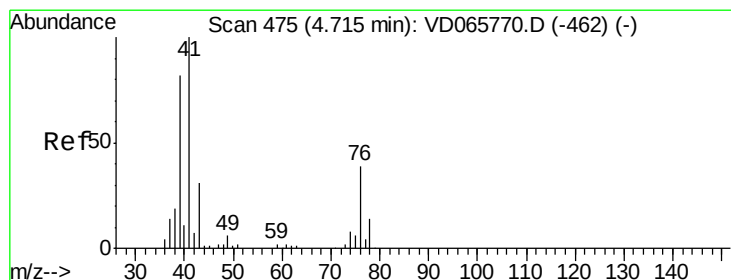
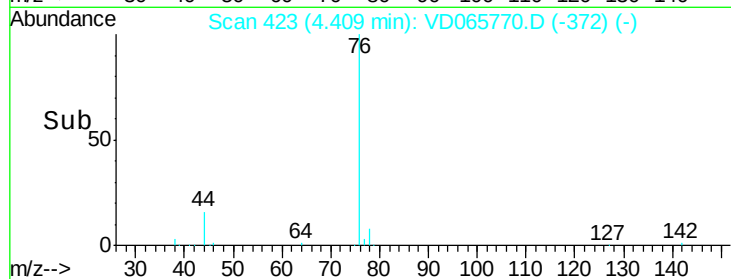
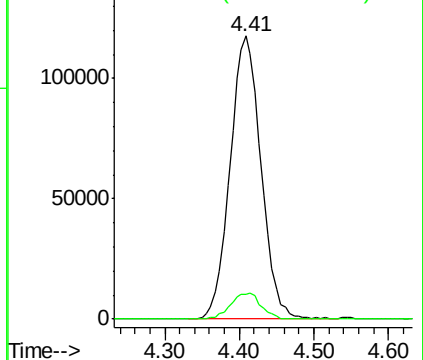
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 41.73 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065770.D

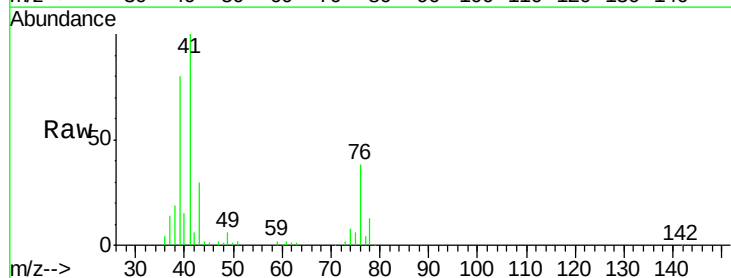
Acq: 05 Jun 2020 11:51

Tgt Ion: 43 Resp: 49763

Ion Ratio Lower Upper

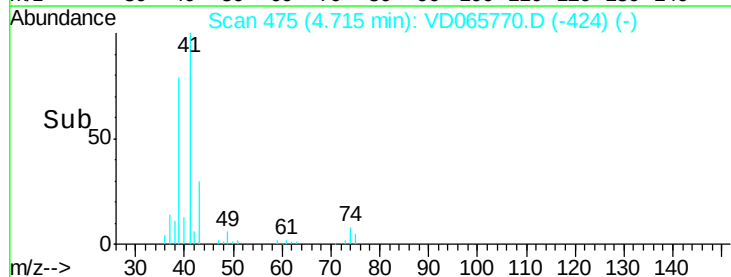
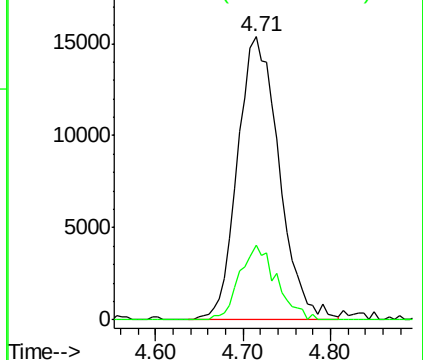
43 100

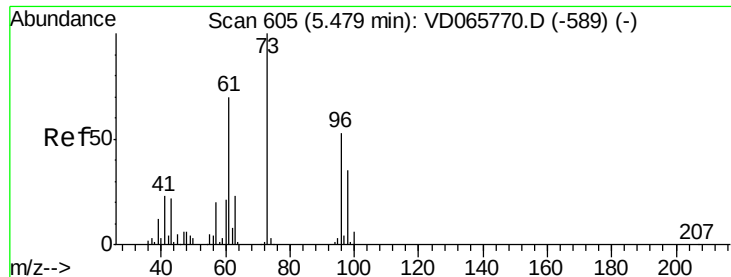
74 23.4 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

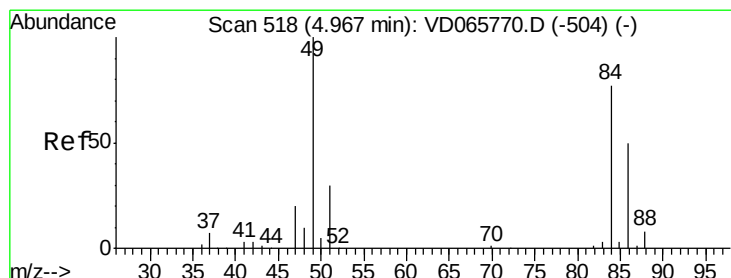
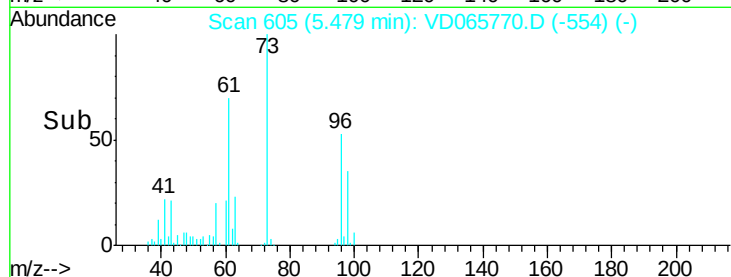
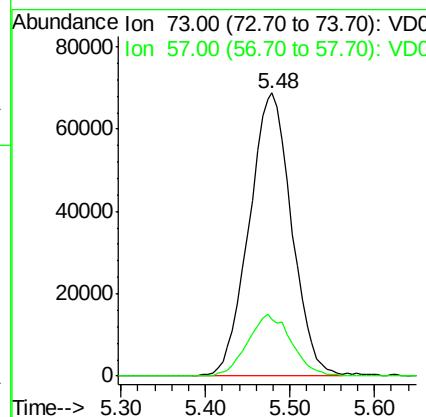
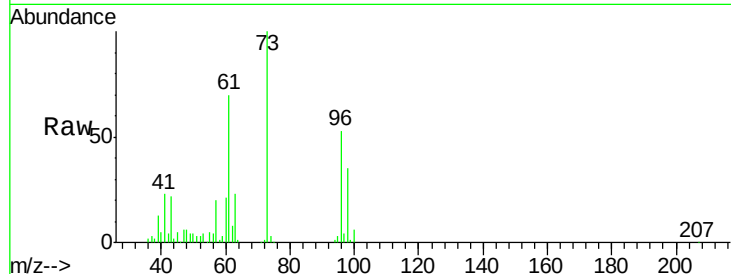




#19
Methyl tert-butyl Ether
Concen: 50.41 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

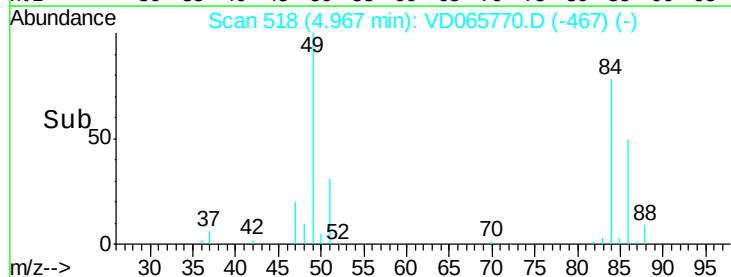
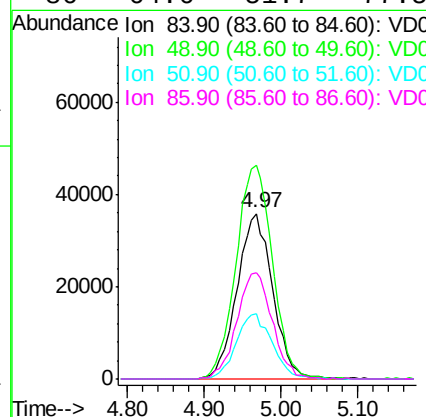
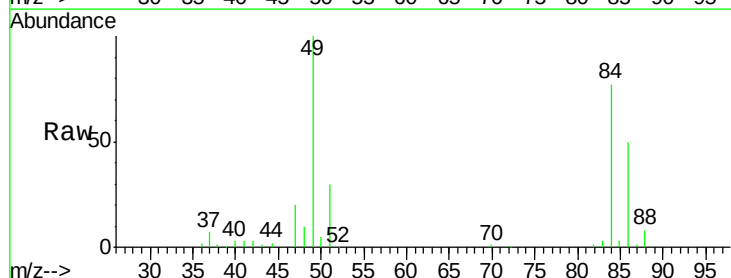
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

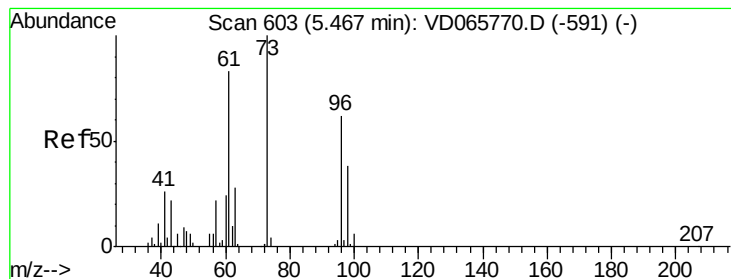
Tgt Ion: 73 Resp: 240170
Ion Ratio Lower Upper
73 100
57 20.2 16.2 24.2



#20
Methylene Chloride
Concen: 40.82 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 84 Resp: 115829
Ion Ratio Lower Upper
84 100
49 129.2 103.4 155.0
51 39.3 31.4 47.2
86 64.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 47.85 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

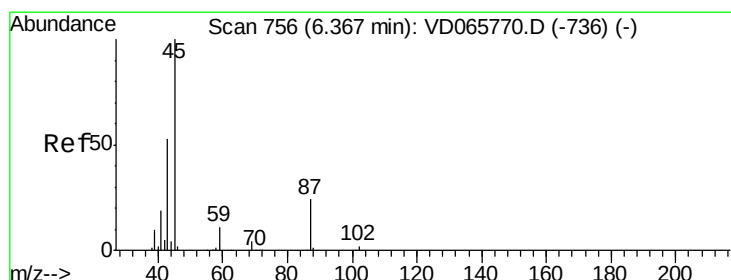
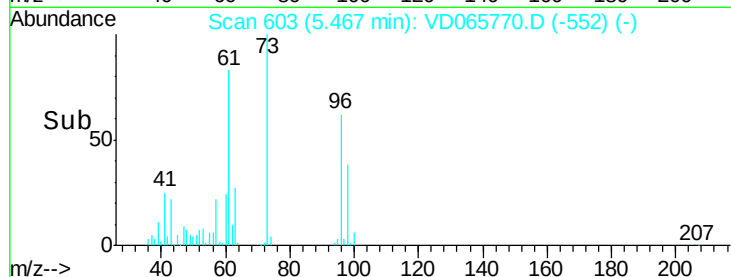
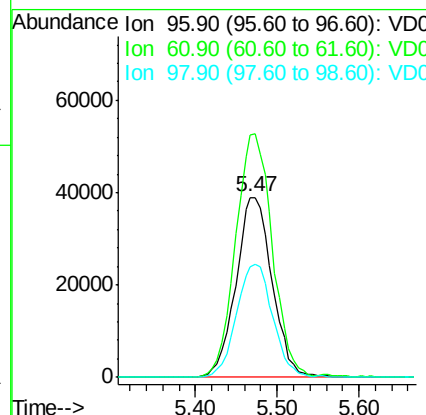
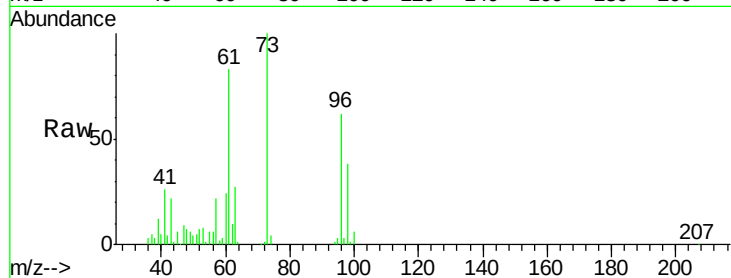
Tgt Ion: 96 Resp: 119805

Ion Ratio Lower Upper

96 100

61 134.6 107.7 161.5

98 61.6 49.3 73.9



#22

Diisopropyl ether

Concen: 50.21 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Tgt Ion: 45 Resp: 354370

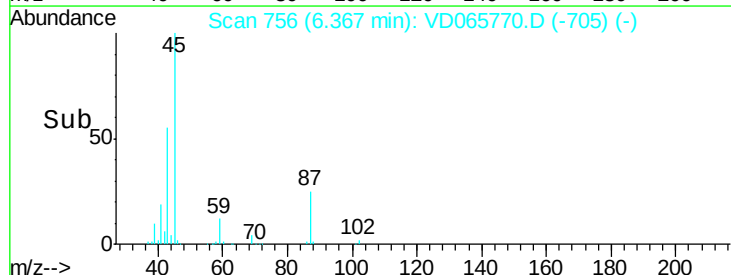
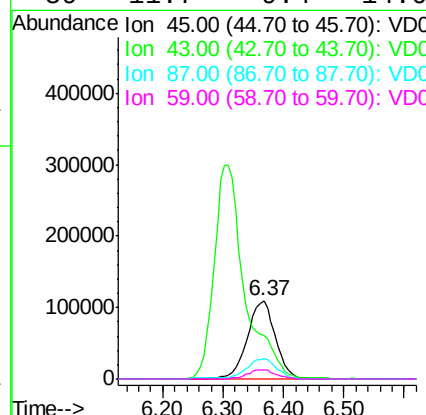
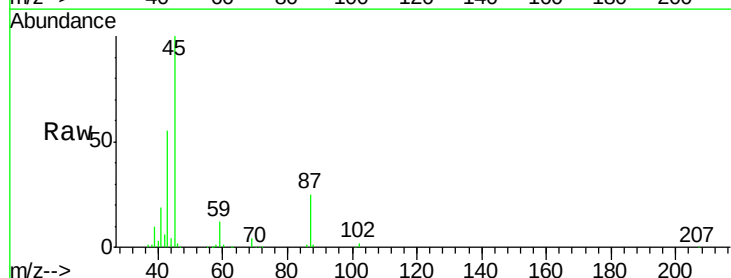
Ion Ratio Lower Upper

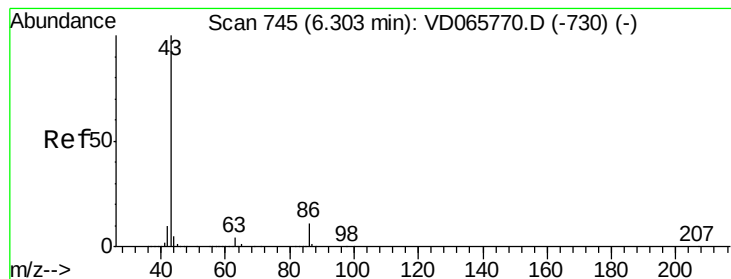
45 100

43 54.2 43.4 65.0

87 25.3 20.2 30.4

59 11.7 9.4 14.0





#23

Vinyl Acetate

Concen: 271.73 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

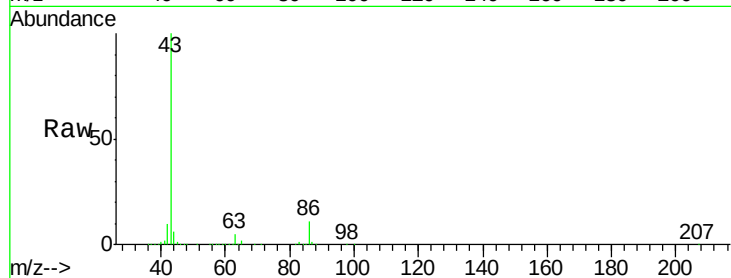
VSTDICCC050

Tgt Ion: 43 Resp: 1050469

Ion Ratio Lower Upper

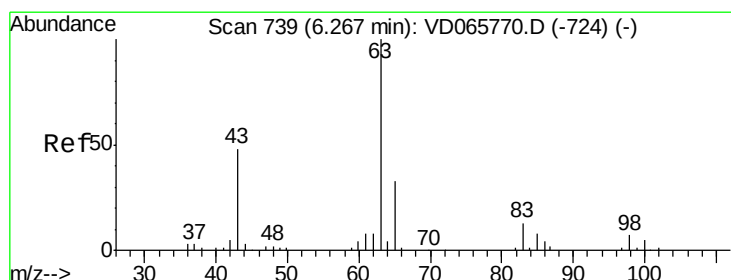
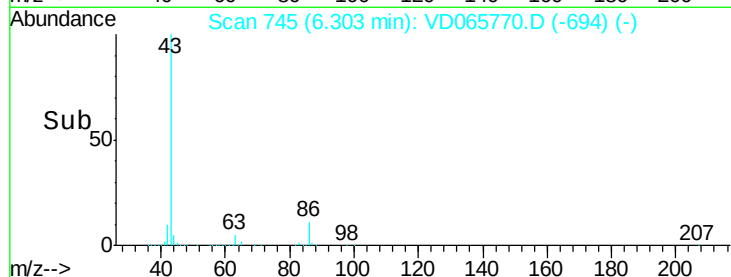
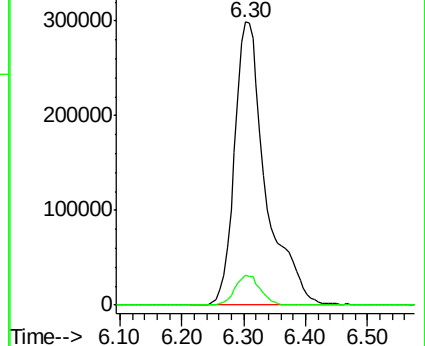
43 100

86 10.6 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 47.08 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

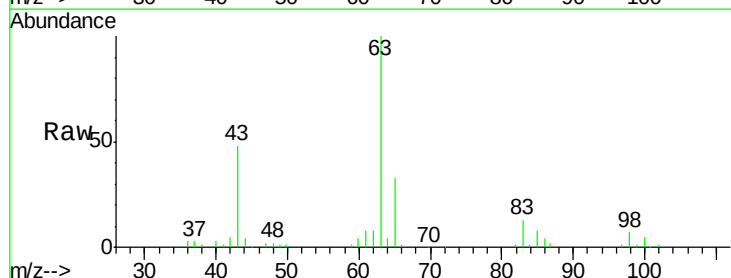
Tgt Ion: 63 Resp: 205771

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

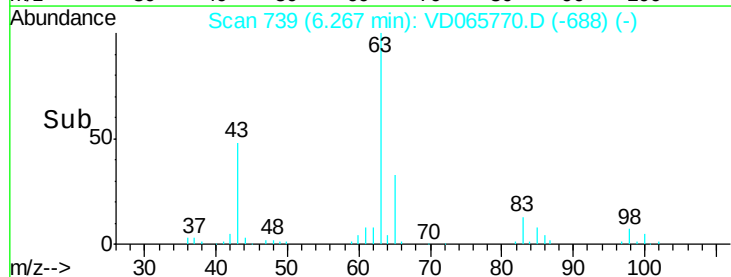
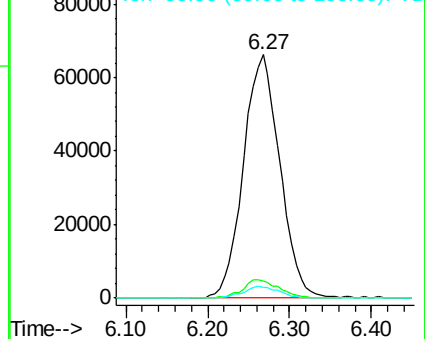
100 4.6 2.3 6.9

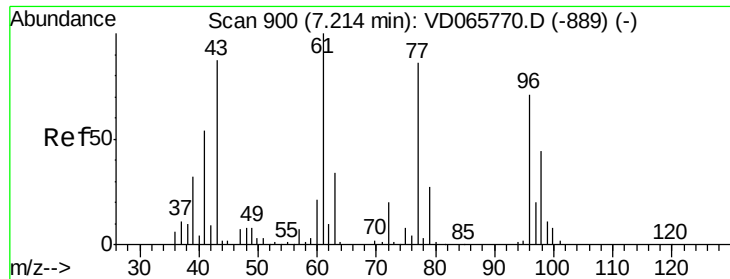


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

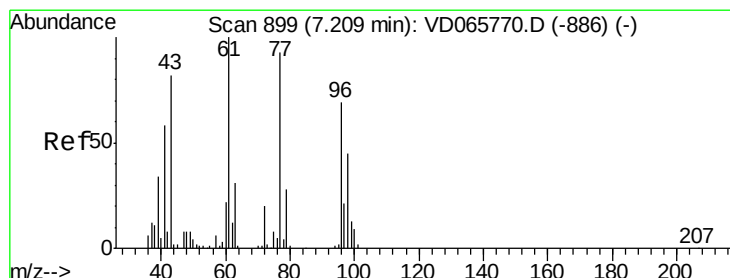
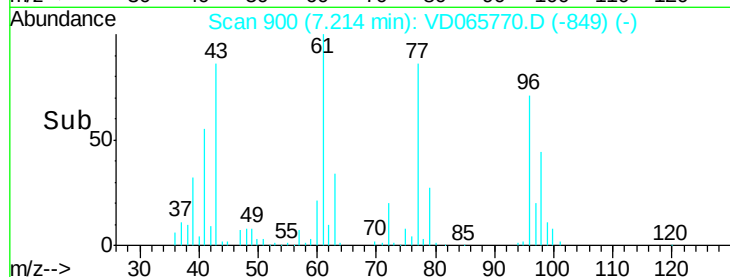
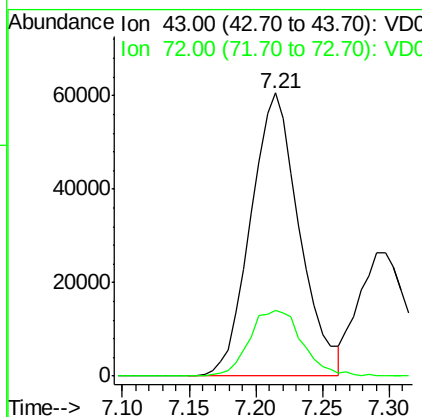
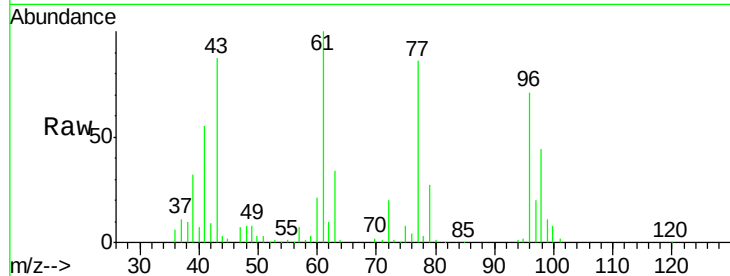




#25
 2-Butanone
 Concen: 256.96 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

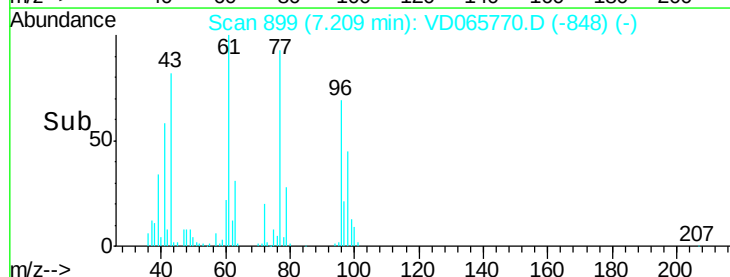
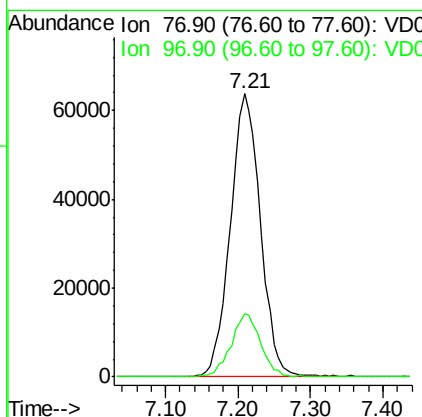
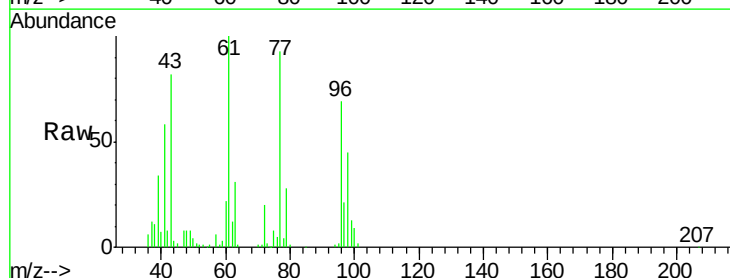
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

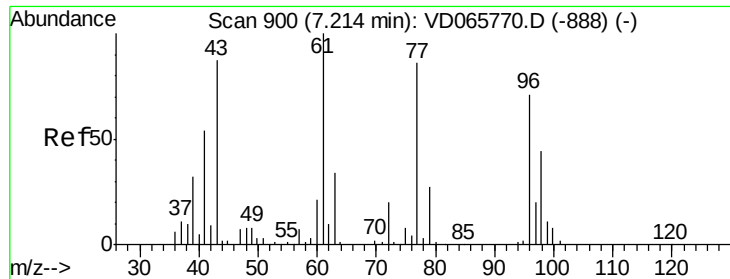
Tgt Ion: 43 Resp: 153278
 Ion Ratio Lower Upper
 43 100
 72 23.1 18.5 27.7



#26
 2,2-Dichloropropane
 Concen: 47.32 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 77 Resp: 183758
 Ion Ratio Lower Upper
 77 100
 97 21.8 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 49.60 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

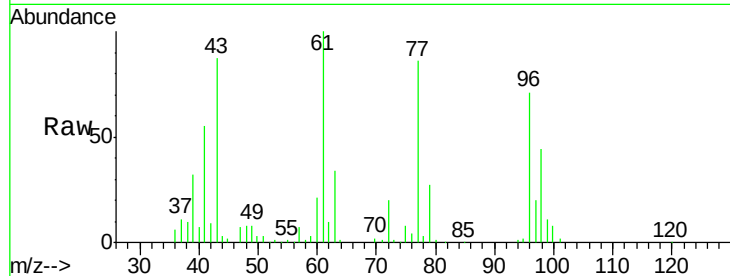
Tgt Ion: 96 Resp: 132249

Ion Ratio Lower Upper

96 100

61 145.6 0.0 291.2

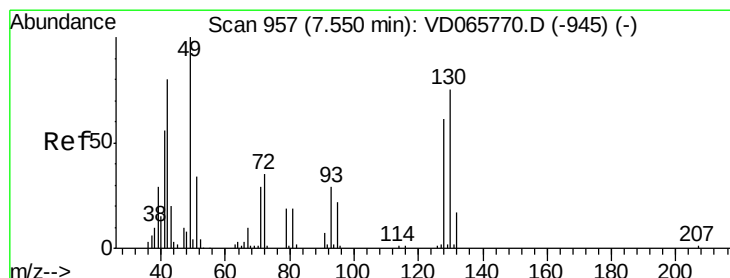
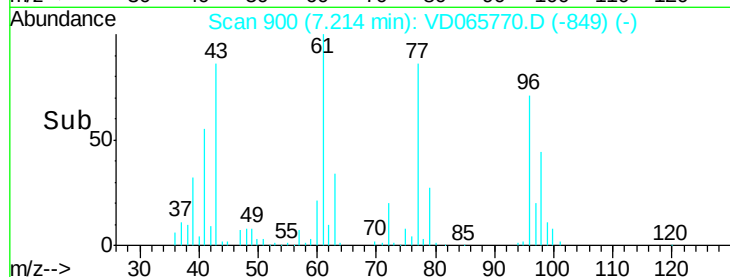
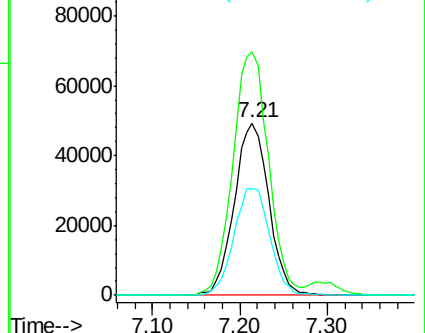
98 64.4 0.0 128.8



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: 50.68 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

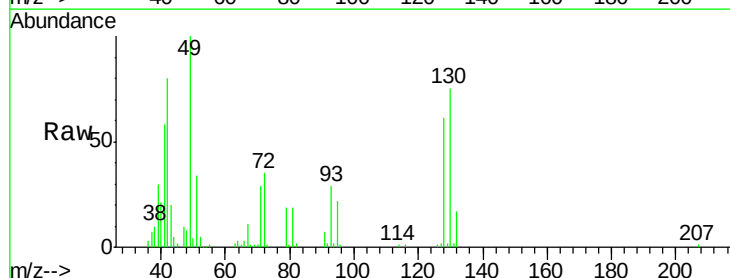
Tgt Ion: 49 Resp: 83555

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

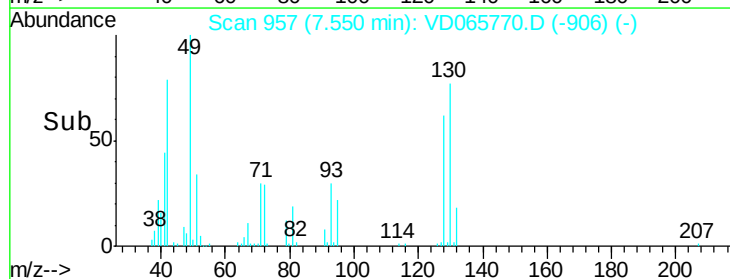
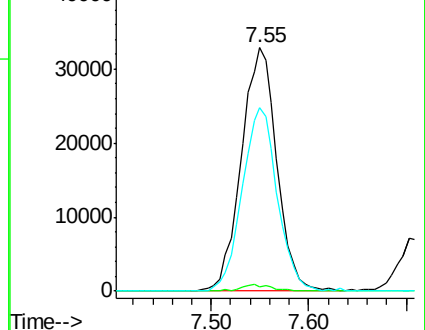
130 74.4 59.5 89.3

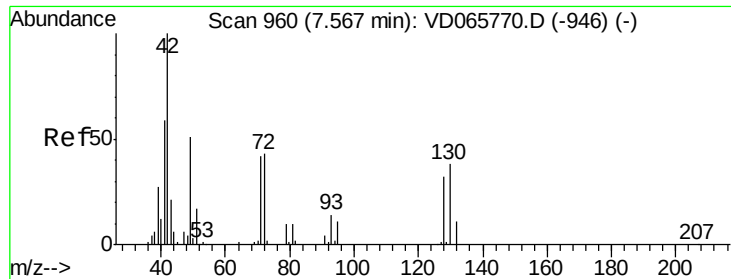


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

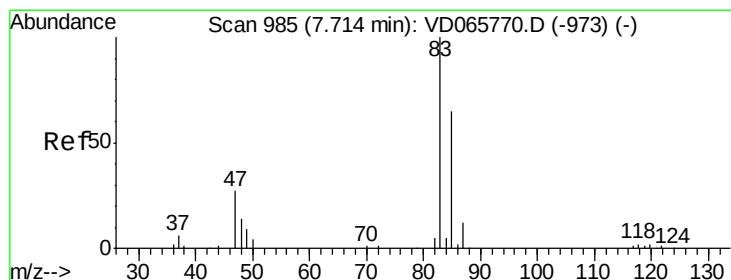
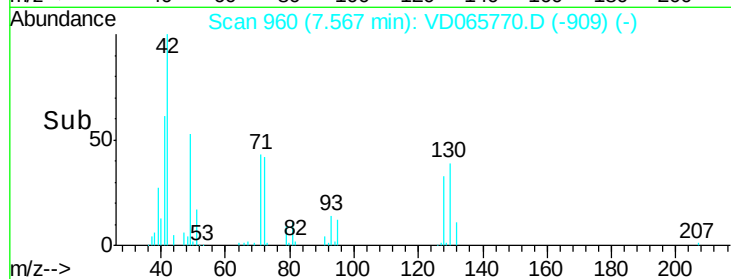
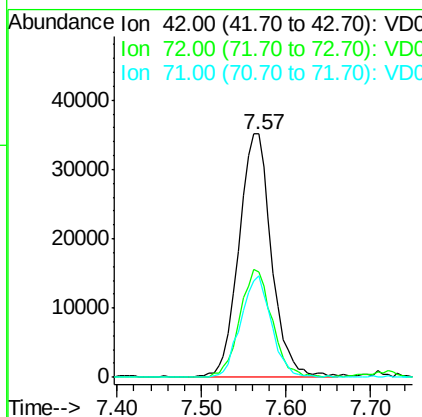
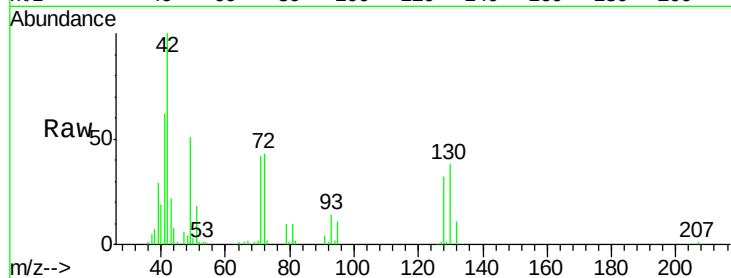




#29
Tetrahydrofuran
Concen: 251.28 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

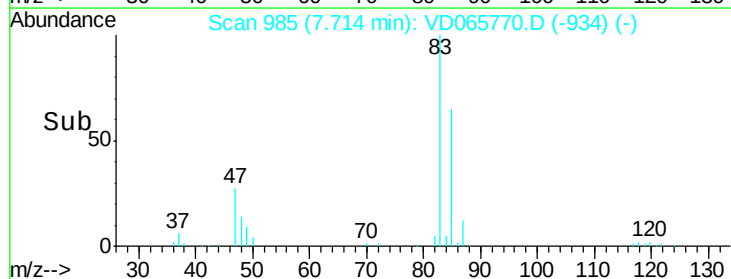
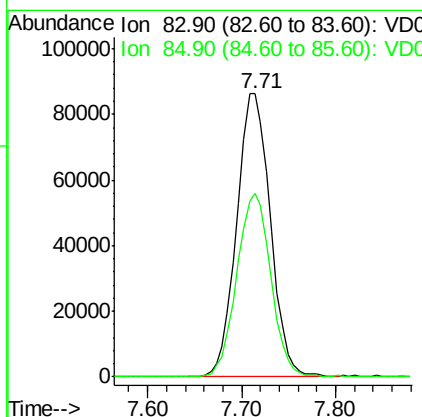
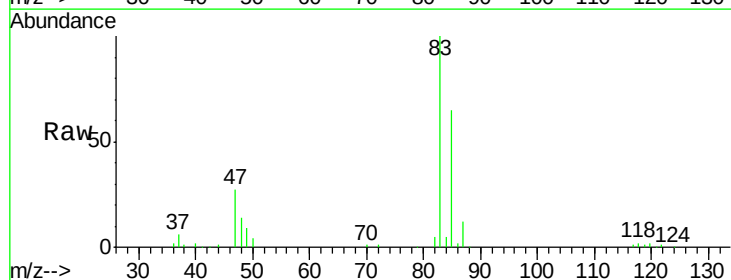
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

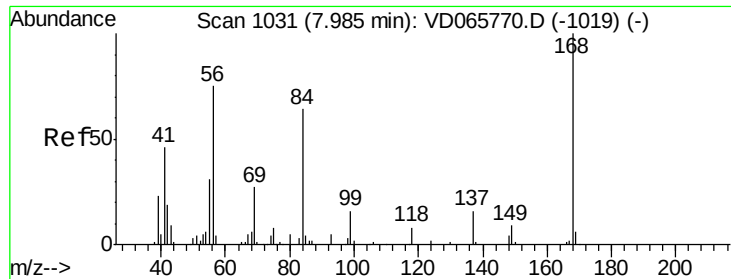
Tgt Ion: 42 Resp: 94347
Ion Ratio Lower Upper
42 100
72 43.6 34.9 52.3
71 39.0 31.2 46.8



#30
Chloroform
Concen: 47.45 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 83 Resp: 214371
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9

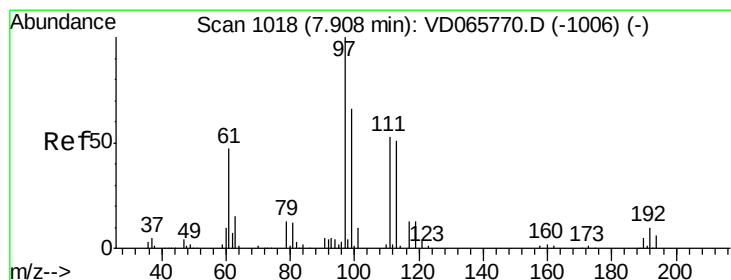
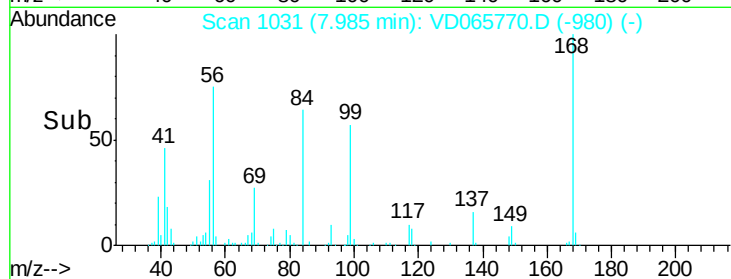
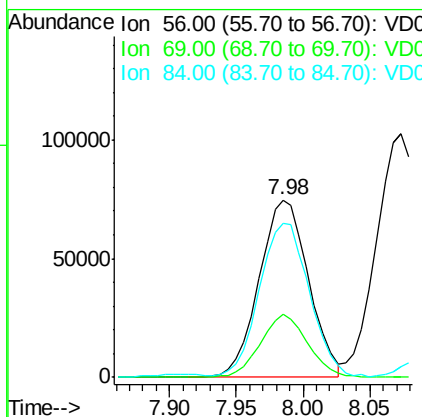
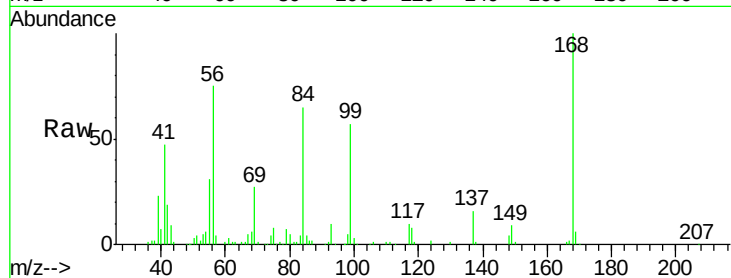




#31
Cyclohexane
Concen: 44.41 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

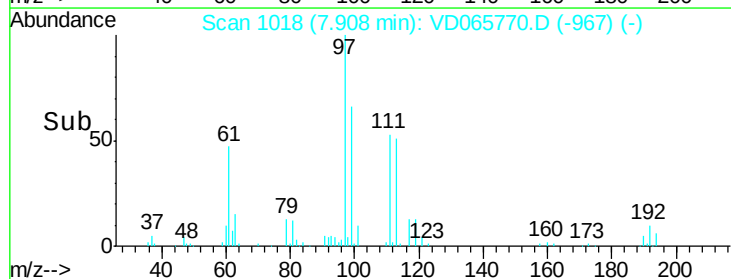
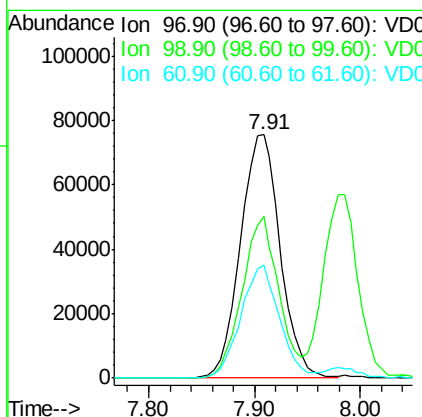
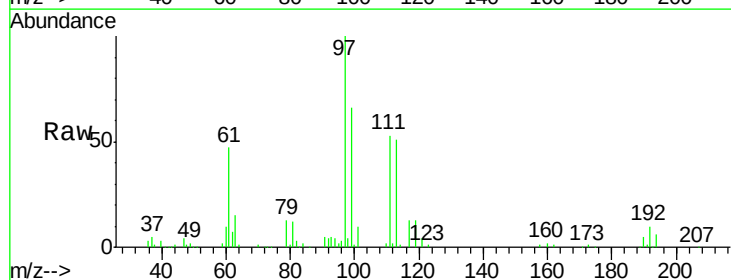
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

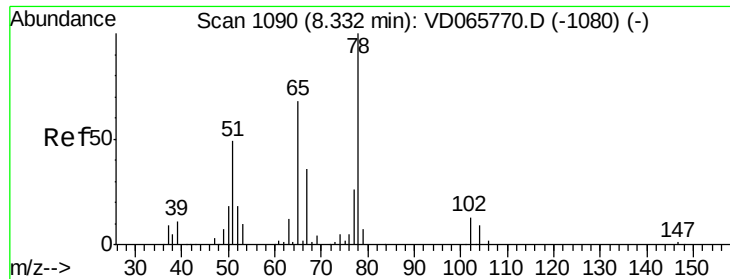
Tgt Ion: 56 Resp: 190970
Ion Ratio Lower Upper
56 100
69 35.6 28.5 42.7
84 85.5 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 47.39 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 97 Resp: 197327
Ion Ratio Lower Upper
97 100
99 61.5 49.2 73.8
61 45.0 36.0 54.0

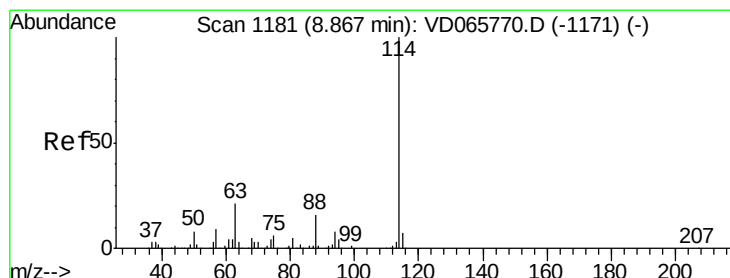
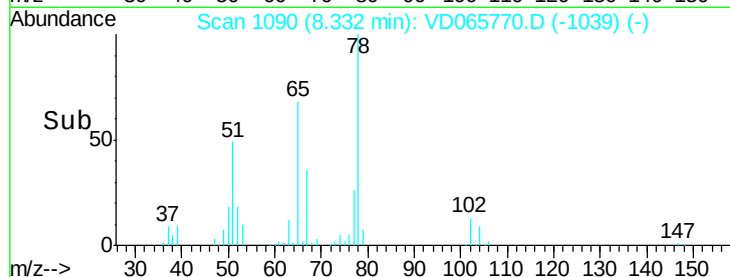
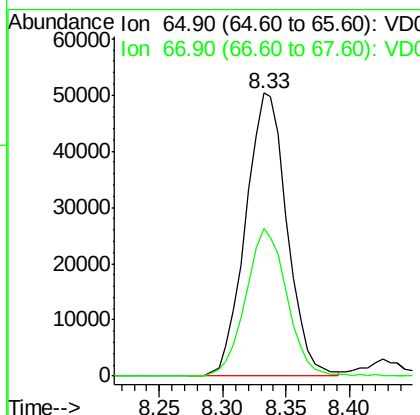
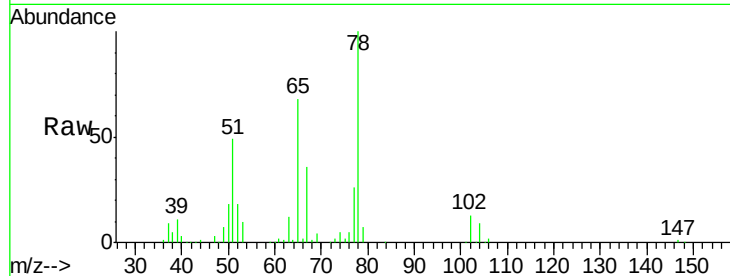




#33
 1,2-Dichloroethane-d4
 Concen: 49.90 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

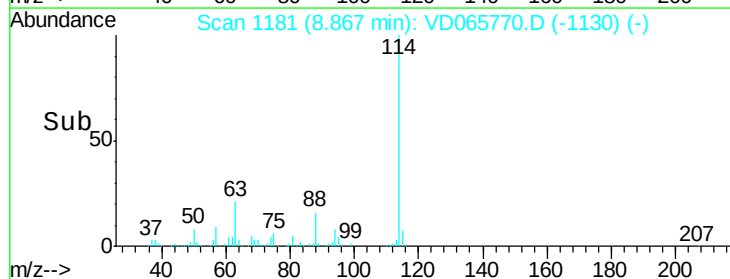
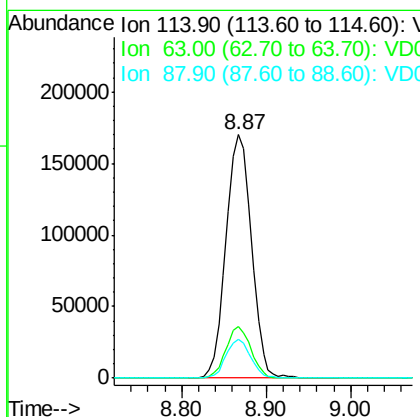
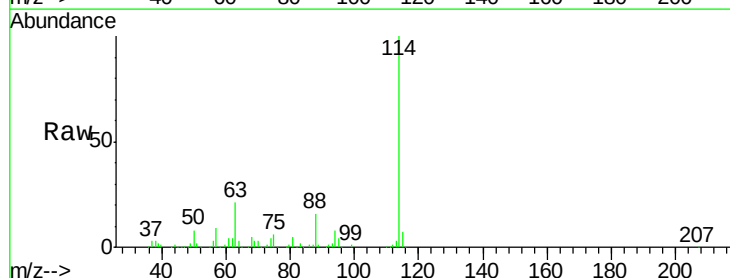
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

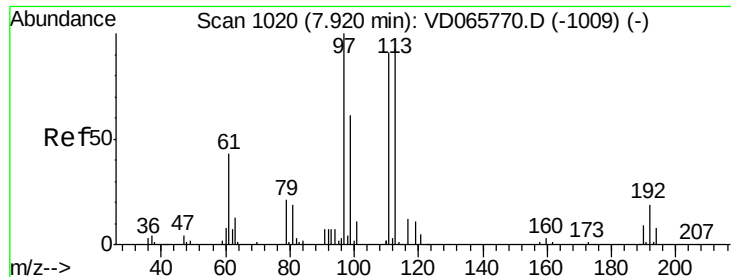
Tgt Ion: 65 Resp: 114167
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 114 Resp: 354340
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.8
 88 16.0 0.0 32.0

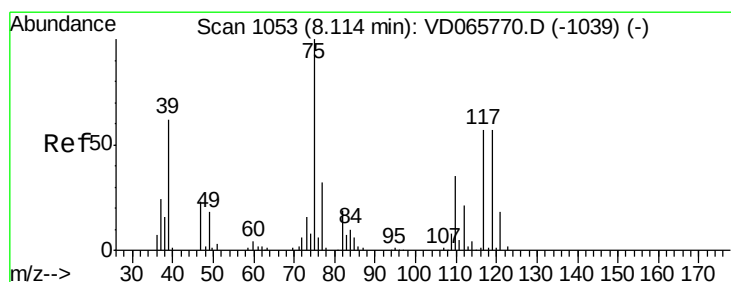
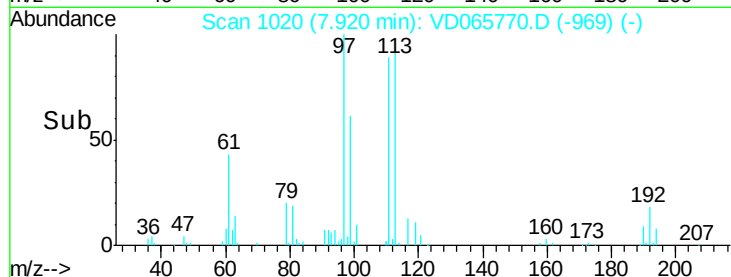
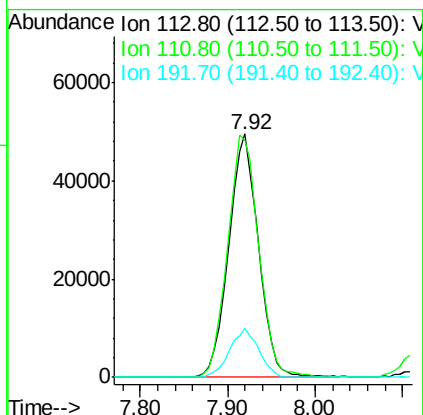
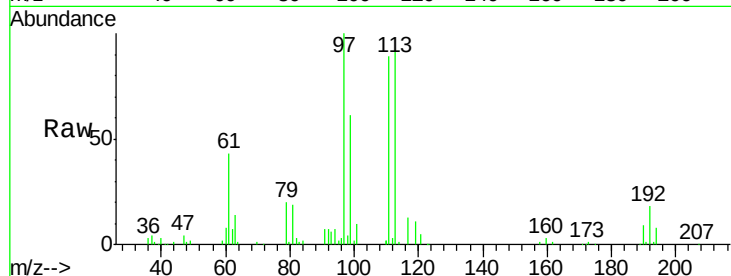




#35
 Dibromofluoromethane
 Concen: 50.85 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

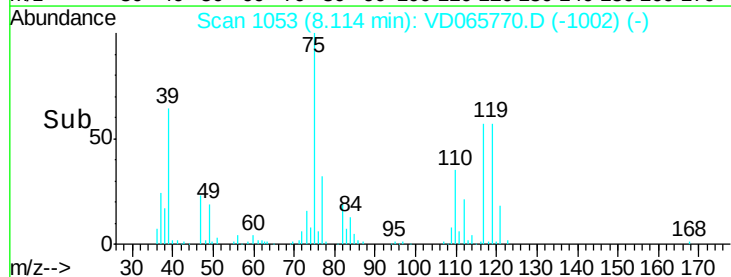
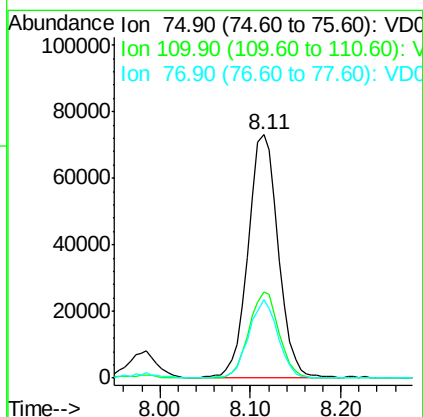
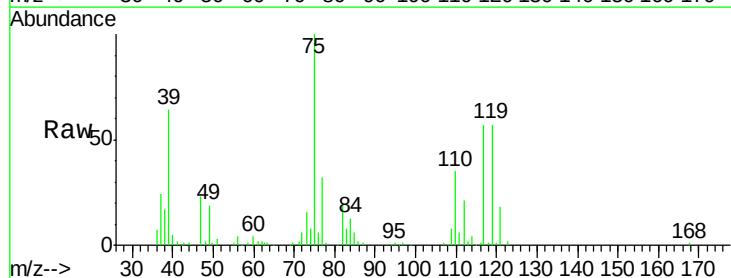
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

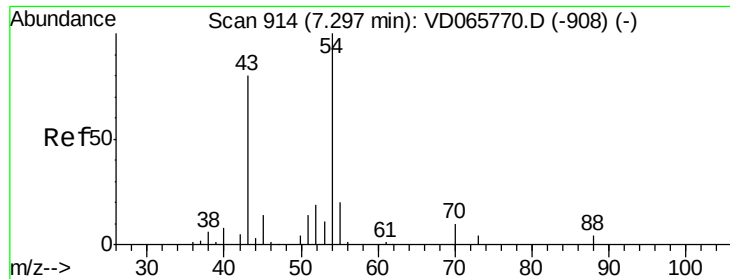
Tgt Ion: 113 Resp: 114211
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.4 125.0
 192 19.6 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 48.58 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 75 Resp: 169235
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.6 52.8
 77 31.4 25.1 37.7

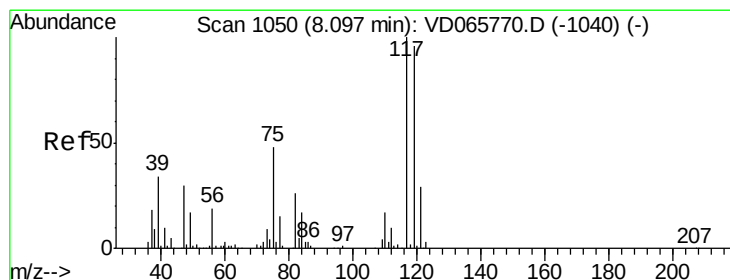
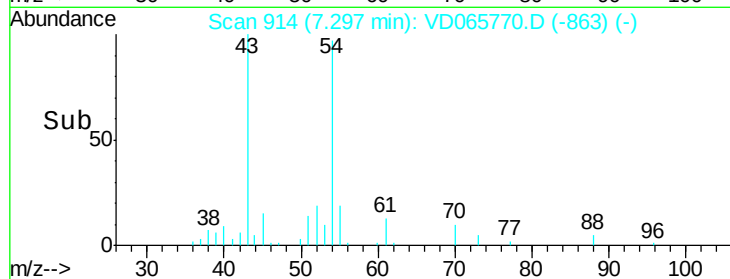
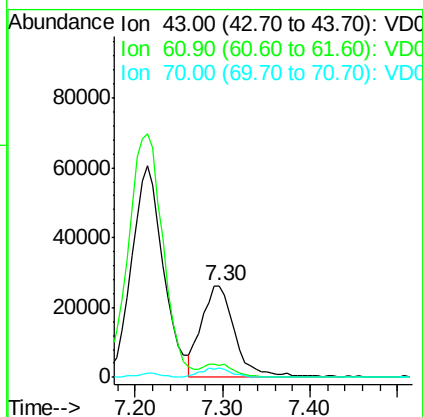
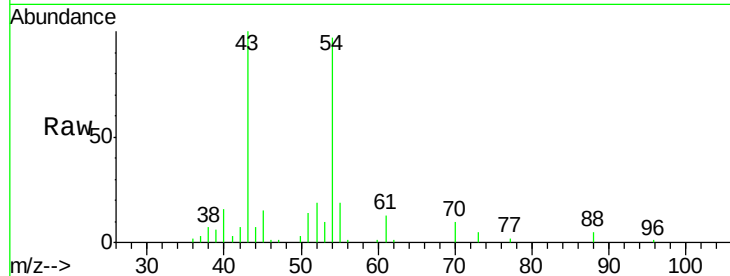




#37
 Ethyl Acetate
 Concen: 51.23 ug/l
 RT: 7.30 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

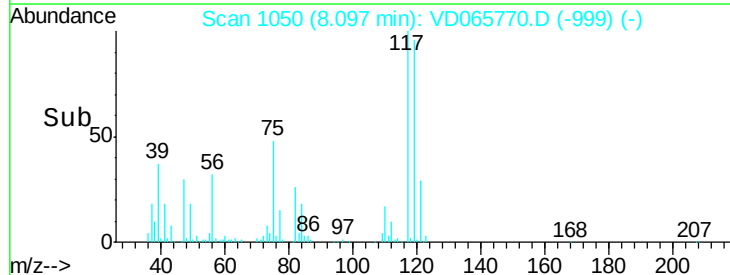
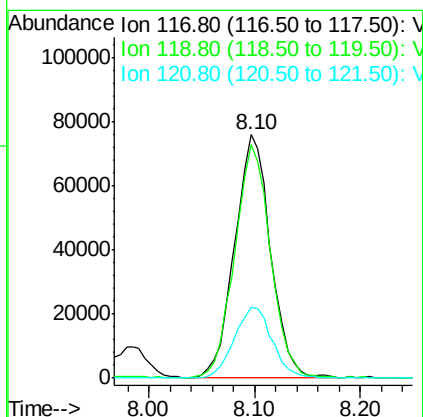
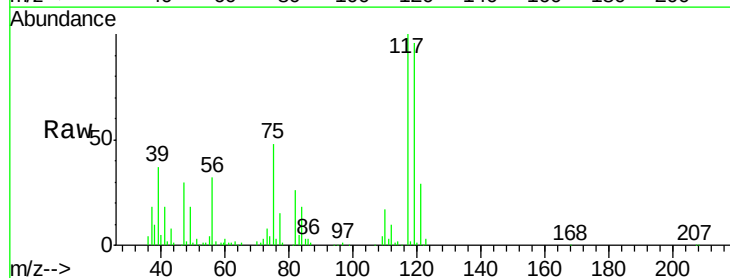
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

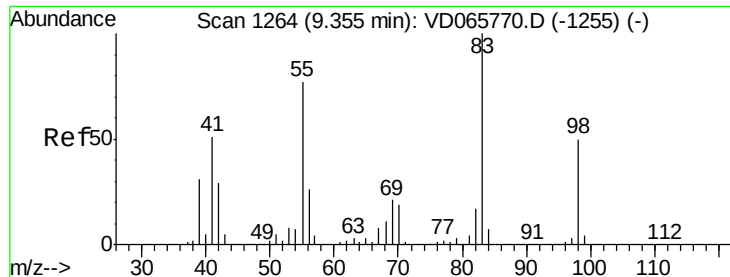
Tgt Ion: 43 Resp: 69396
 Ion Ratio Lower Upper
 43 100
 61 13.2 10.6 15.8
 70 9.4 7.5 11.3



#38
 Carbon Tetrachloride
 Concen: 48.86 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 117 Resp: 178531
 Ion Ratio Lower Upper
 117 100
 119 96.0 76.8 115.2
 121 29.3 23.4 35.2

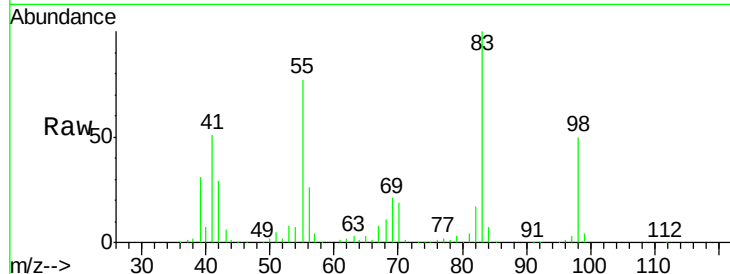




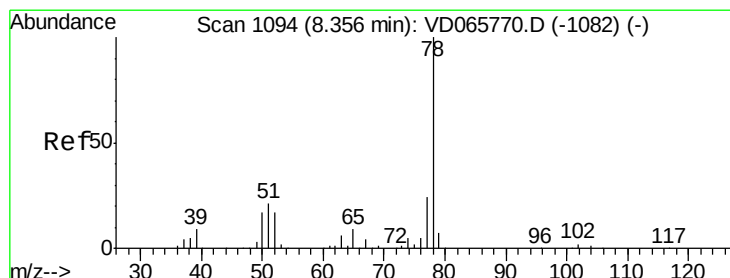
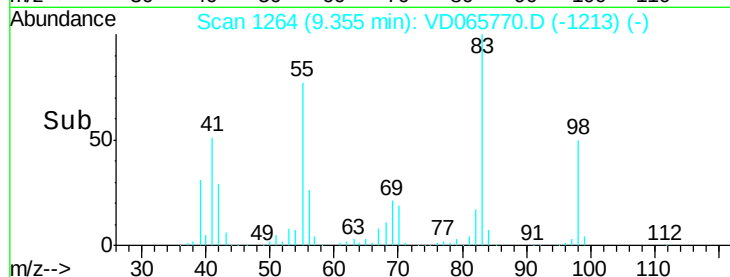
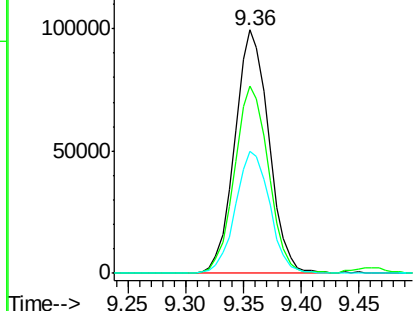
#39
Methylcyclohexane
Concen: 50.38 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 203785
Ion Ratio Lower Upper
83 100
55 77.0 61.6 92.4
98 50.2 40.2 60.2

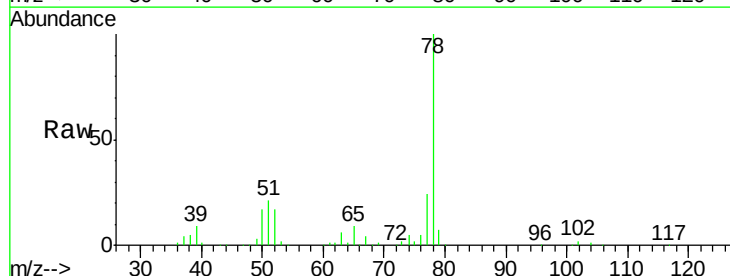


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

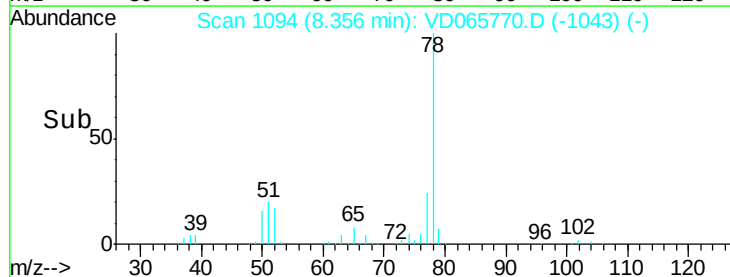
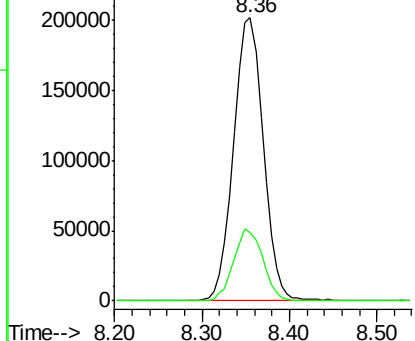


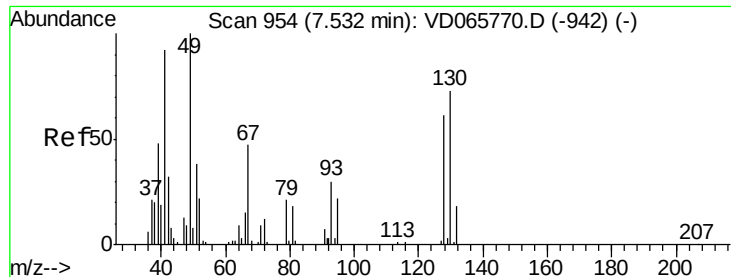
#40
Benzene
Concen: 49.42 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 78 Resp: 465232
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8



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

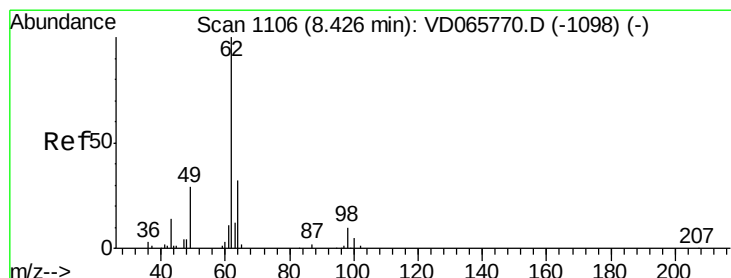
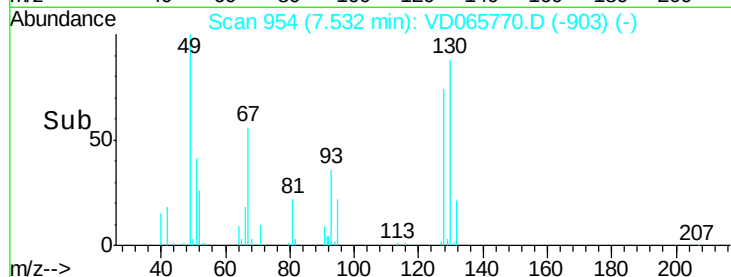
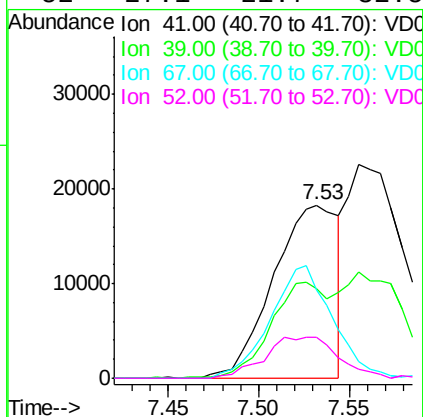
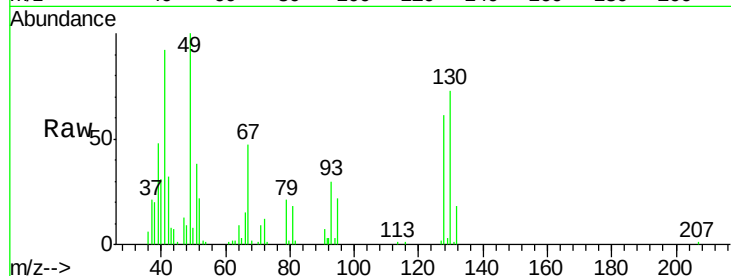




#41
Methacrylonitrile
Concen: 54.04 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

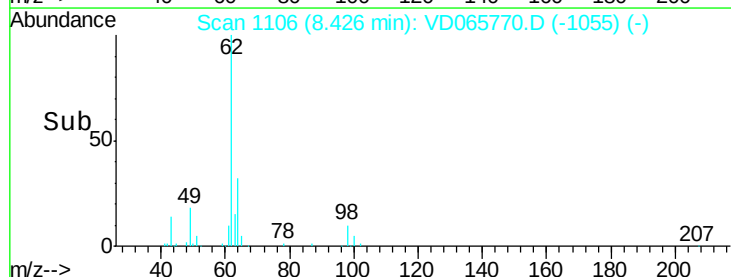
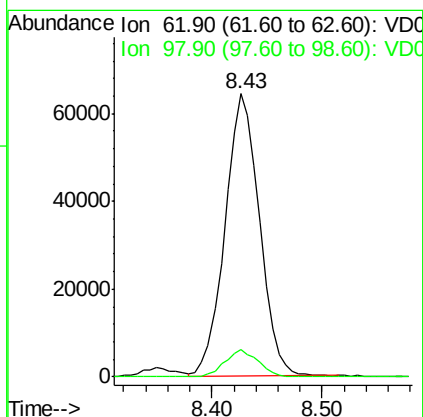
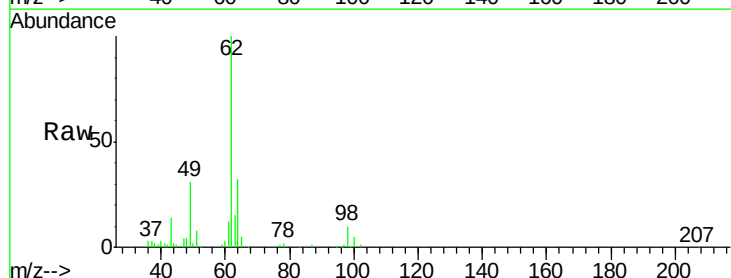
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

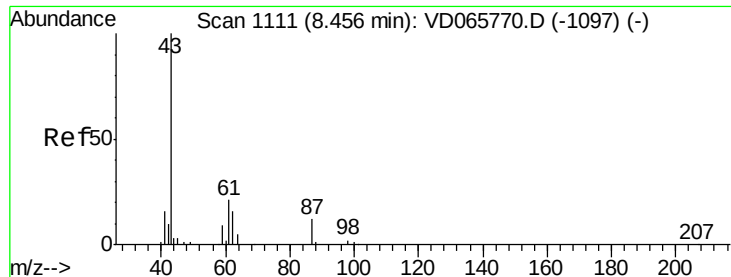
Tgt Ion:	41	Resp:	45651
Ion	Ratio	Lower	Upper
41	100		
39	47.9	38.3	57.5
67	62.2	49.8	74.6
52	27.1	21.7	32.5



#42
1,2-Dichloroethane
Concen: 48.79 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion:	62	Resp:	140611
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6





#43

Isopropyl Acetate

Concen: 51.40 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

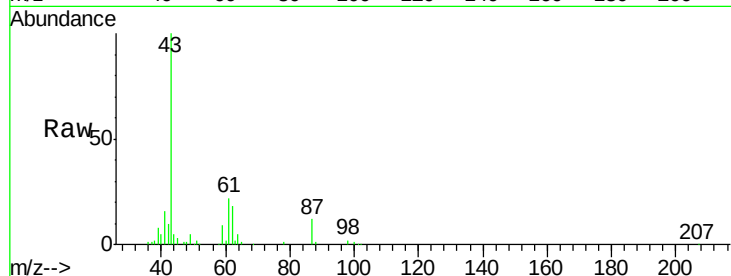
Tgt Ion: 43 Resp: 136653

Ion Ratio Lower Upper

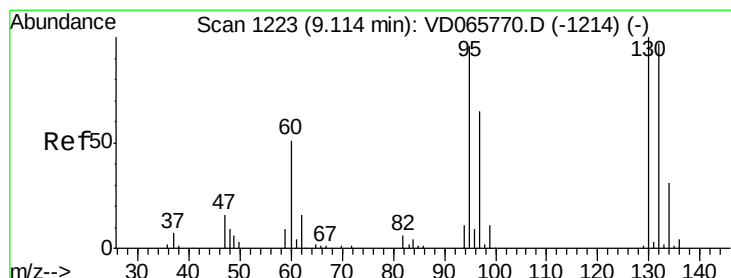
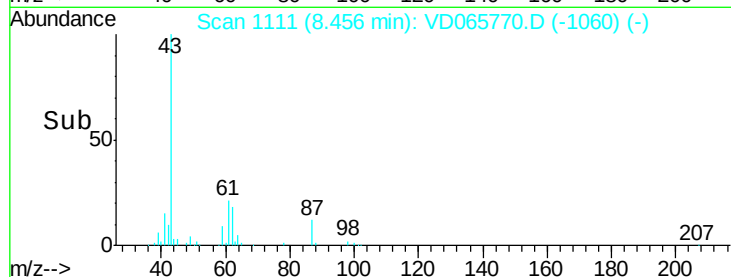
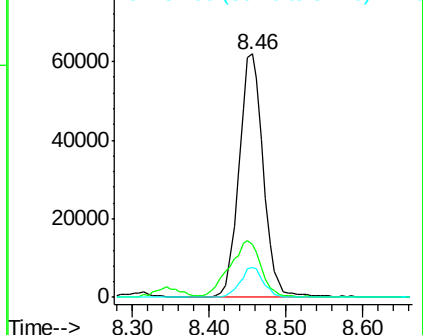
43 100

61 30.3 24.2 36.4

87 11.9 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: 49.04 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065770.D

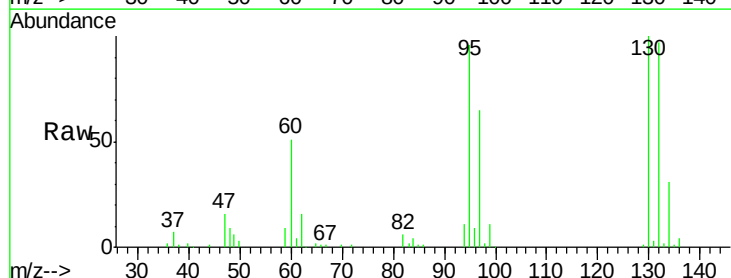
Acq: 05 Jun 2020 11:51

Tgt Ion: 130 Resp: 128209

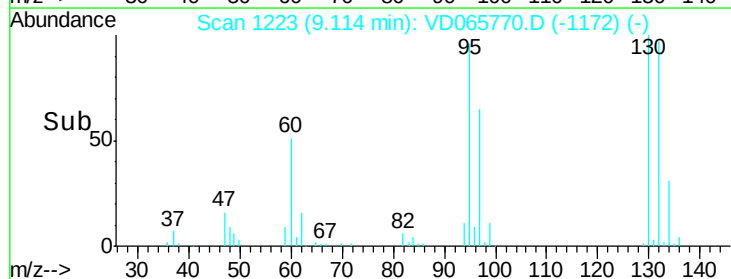
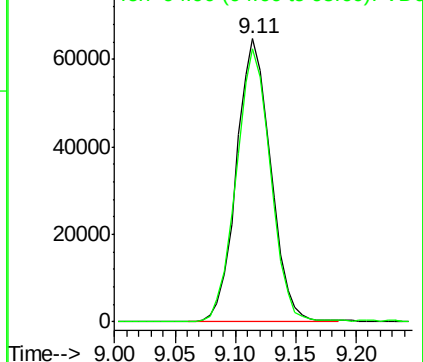
Ion Ratio Lower Upper

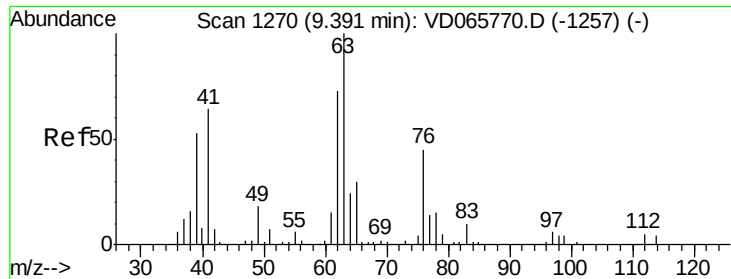
130 100

95 96.4 0.0 192.8



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

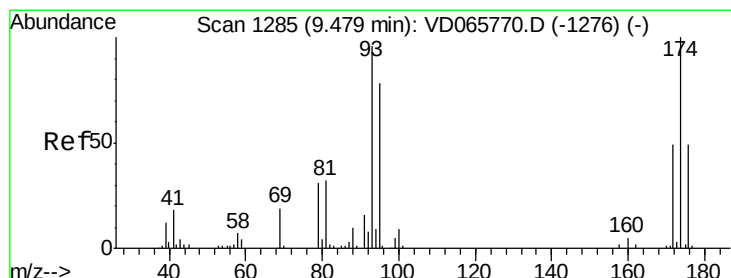
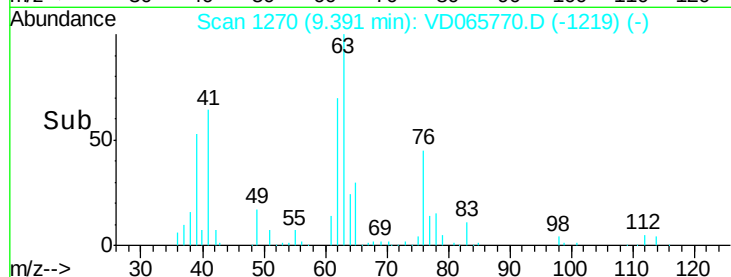
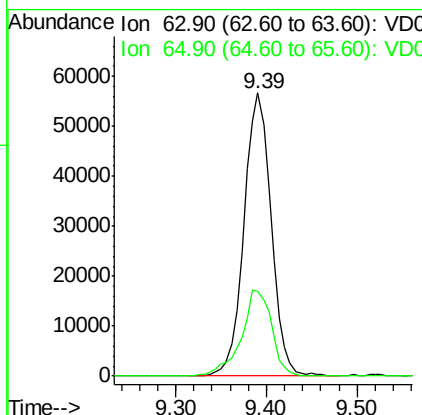
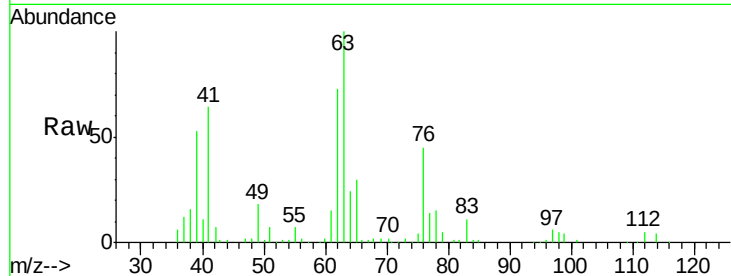




#45
 1,2-Dichloropropane
 Concen: 49.59 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

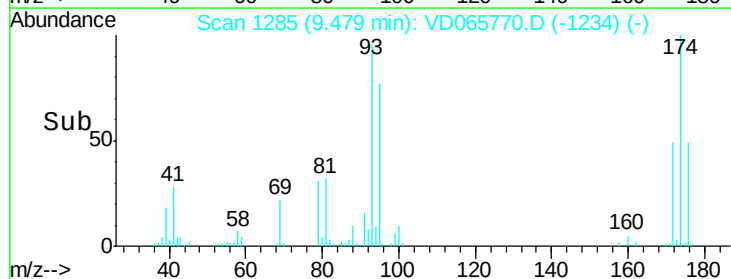
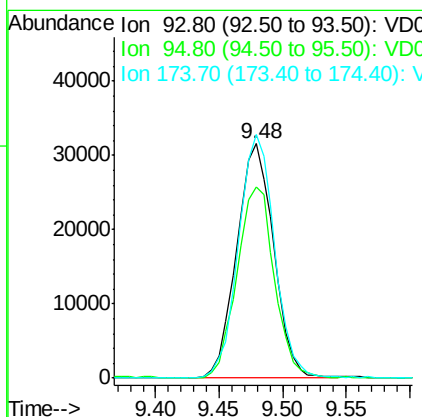
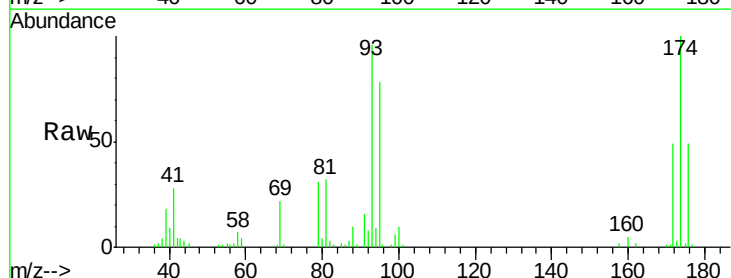
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

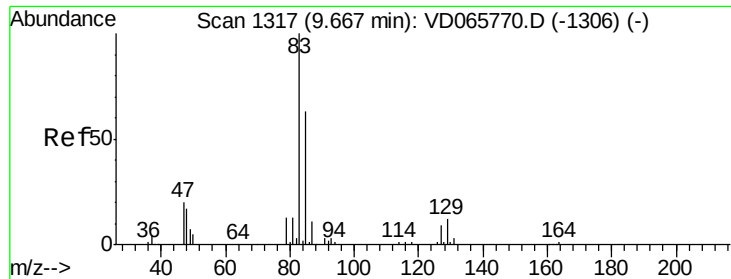
Tgt Ion: 63 Resp: 118014
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.2 36.2



#46
 Dibromomethane
 Concen: 49.95 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 93 Resp: 64112
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 101.1 80.9 121.3

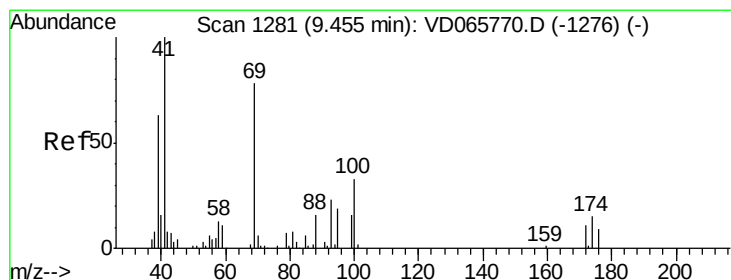
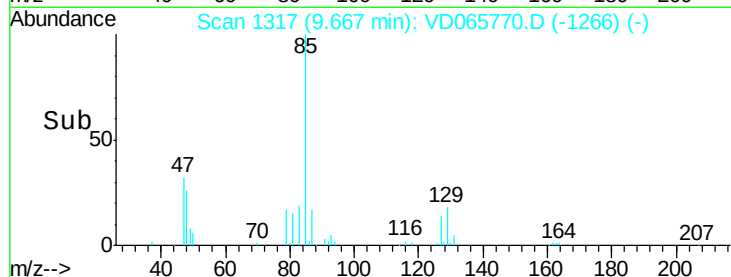
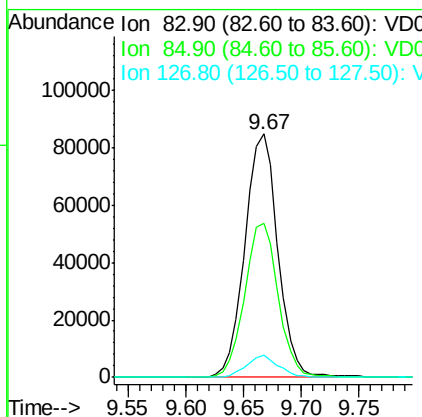
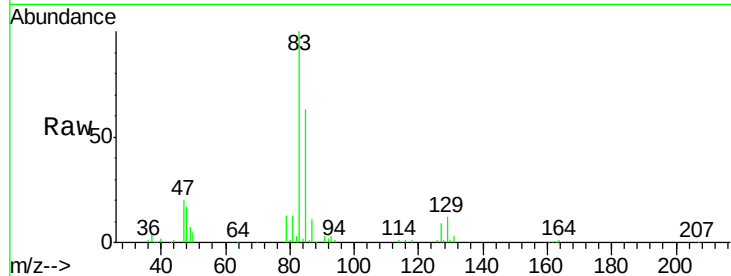




#47
 Bromodichloromethane
 Concen: 48.95 ug/l
 RT: 9.67 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

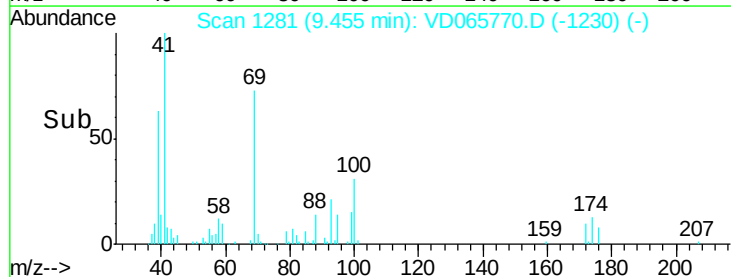
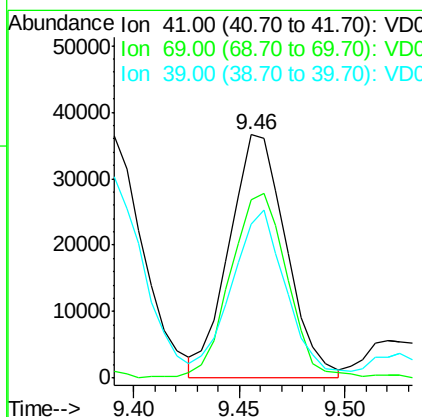
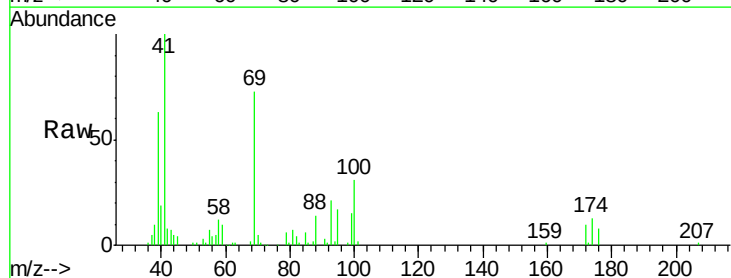
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

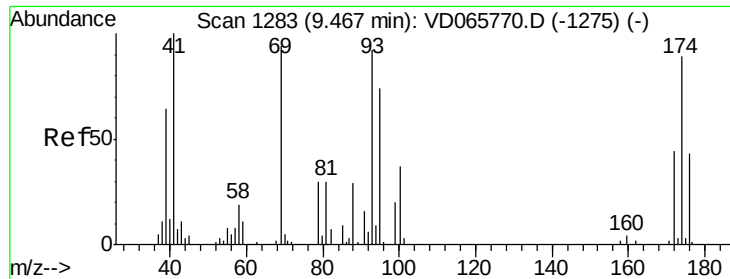
Tgt Ion: 83 Resp: 169161
 Ion Ratio Lower Upper
 83 100
 85 63.4 50.7 76.1
 127 8.9 7.1 10.7



#48
 Methyl methacrylate
 Concen: 52.88 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 41 Resp: 68800
 Ion Ratio Lower Upper
 41 100
 69 76.1 60.9 91.3
 39 60.1 48.1 72.1

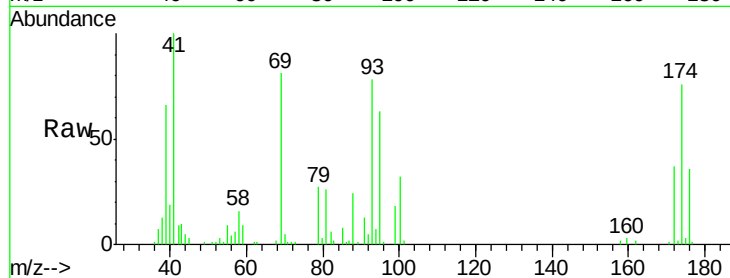




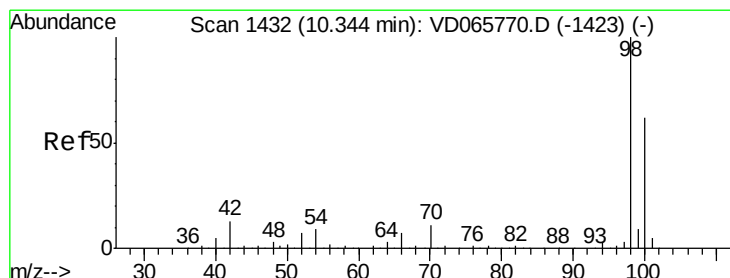
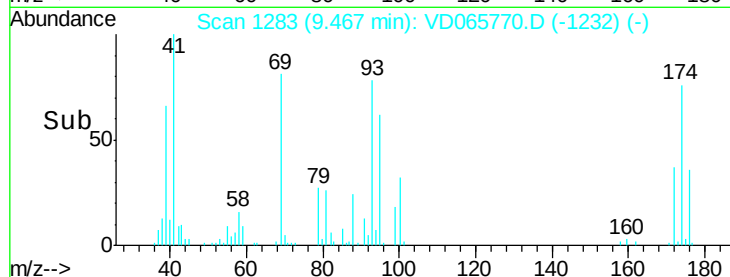
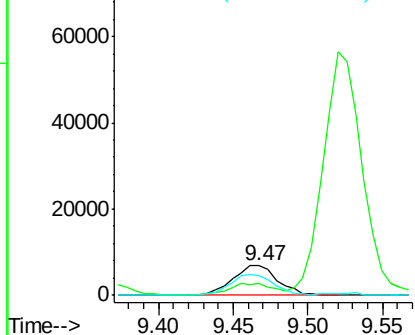
#49
1,4-Dioxane
Concen: 1070.73 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 14442
Ion Ratio Lower Upper
88 100
43 40.3 32.2 48.4
58 68.6 54.9 82.3

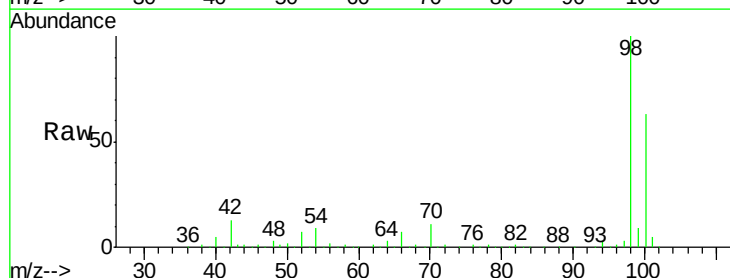


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

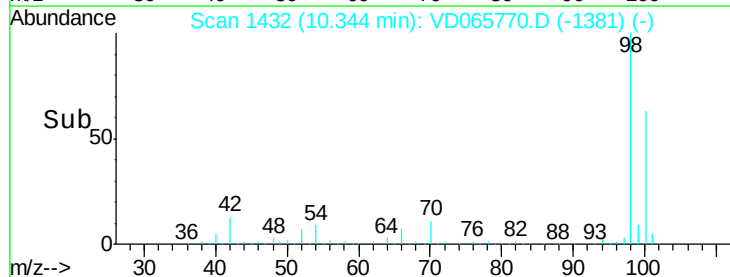
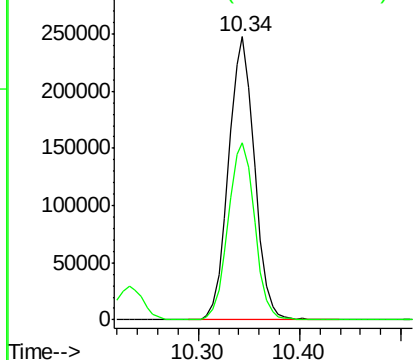


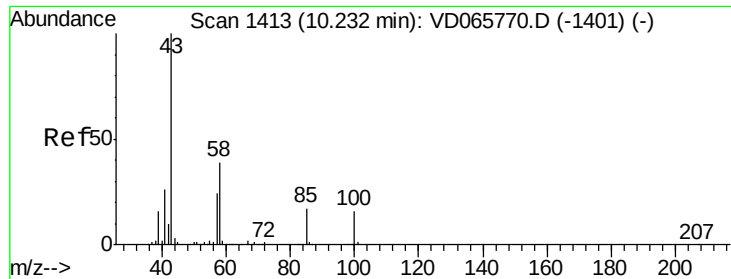
#50
Toluene-d8
Concen: 53.84 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 98 Resp: 440056
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2



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

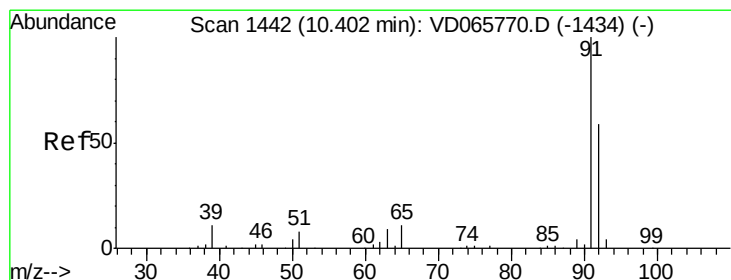
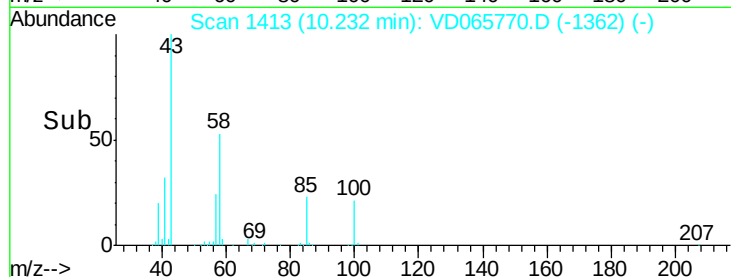
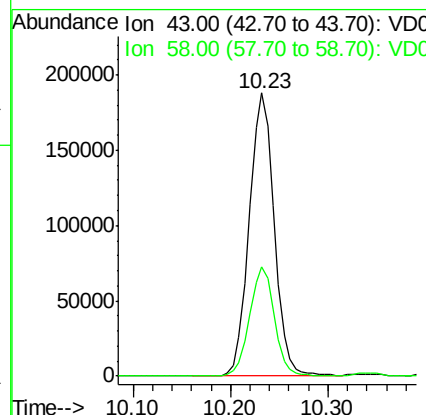
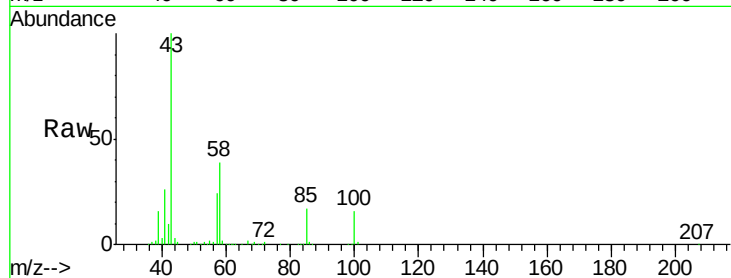




#51
 4-Methyl-2-Pentanone
 Concen: 261.35 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

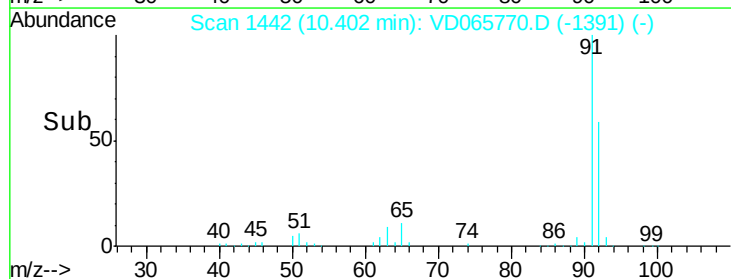
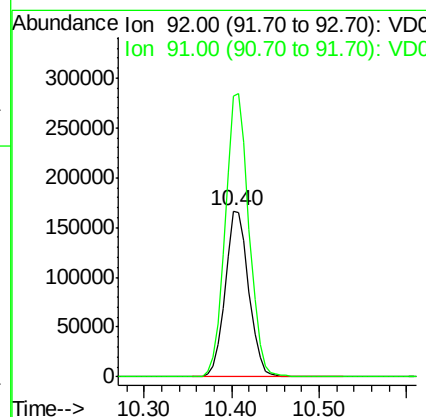
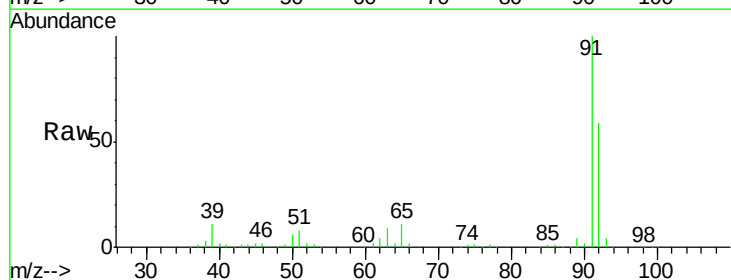
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

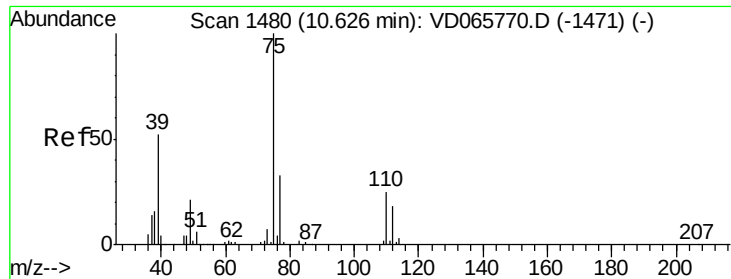
Tgt Ion: 43 Resp: 338690
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.7 46.1



#52
 Toluene
 Concen: 50.88 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 92 Resp: 306833
 Ion Ratio Lower Upper
 92 100
 91 172.3 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 52.13 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

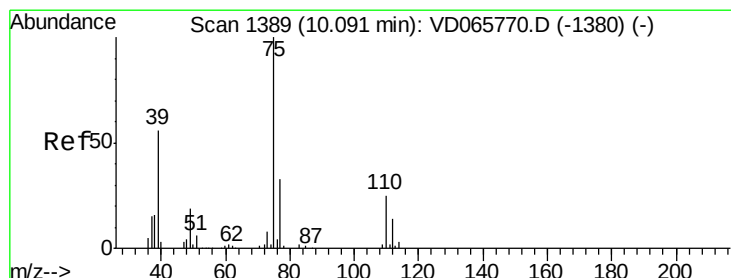
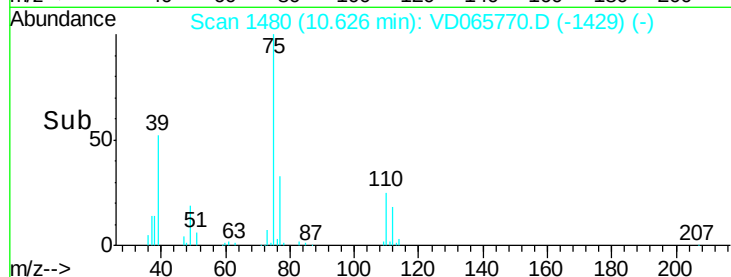
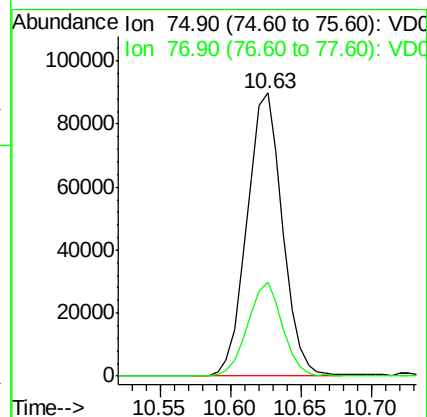
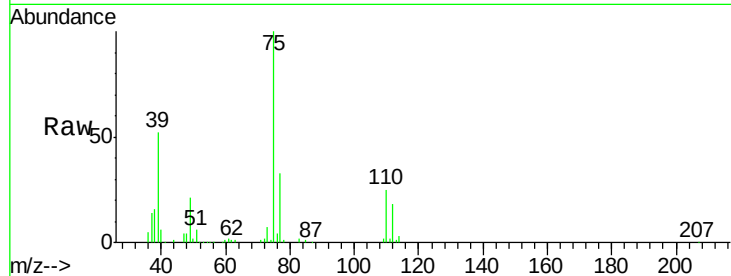
VSTDICCC050

Tgt Ion: 75 Resp: 158732

Ion Ratio Lower Upper

75 100

77 33.0 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 52.05 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

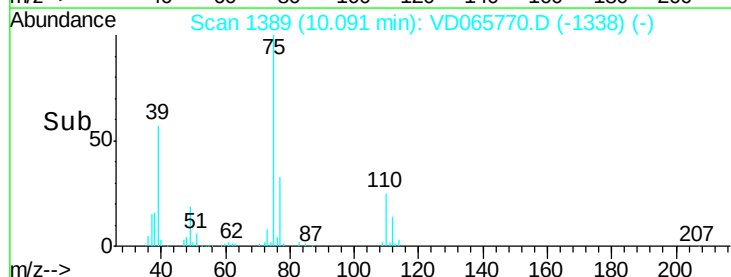
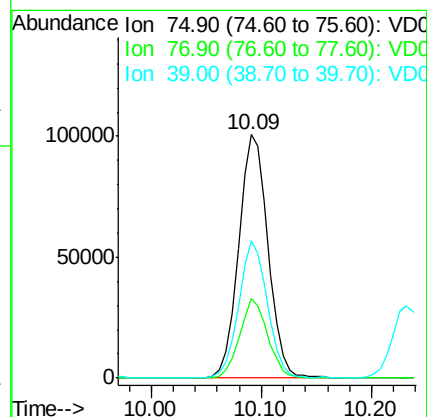
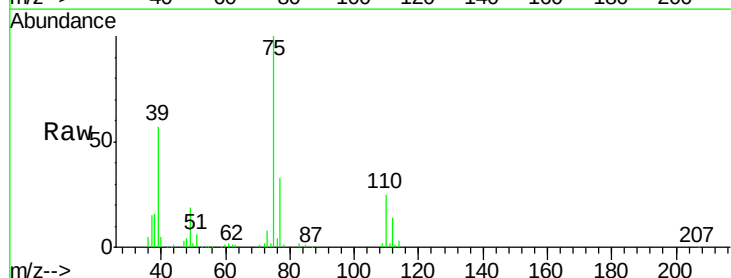
Tgt Ion: 75 Resp: 187805

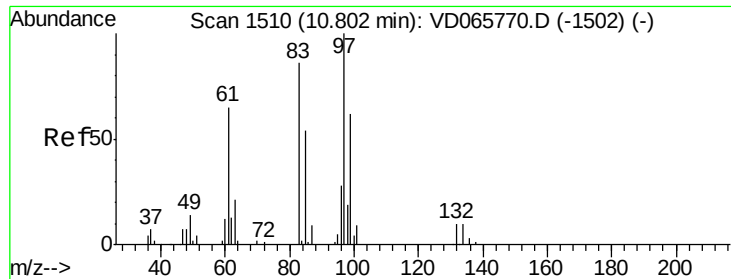
Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

39 56.3 45.0 67.6

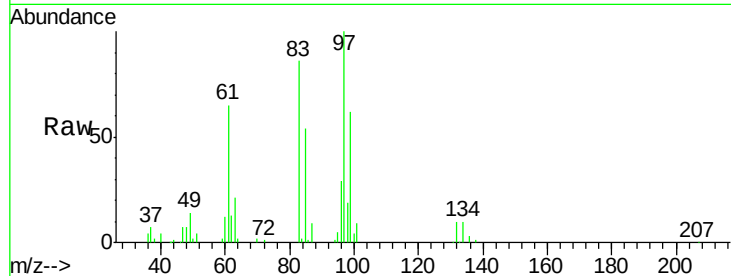




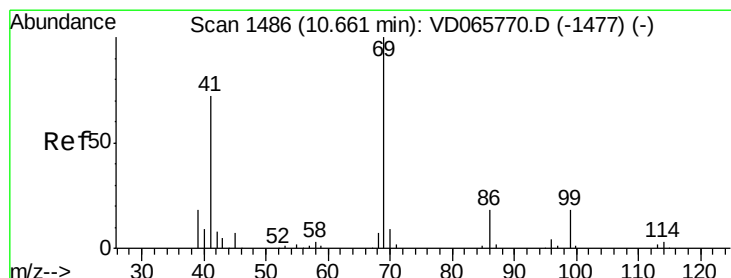
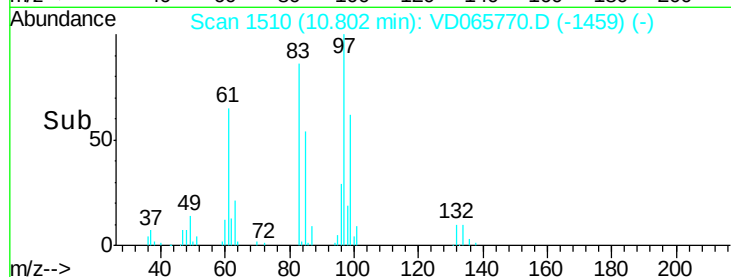
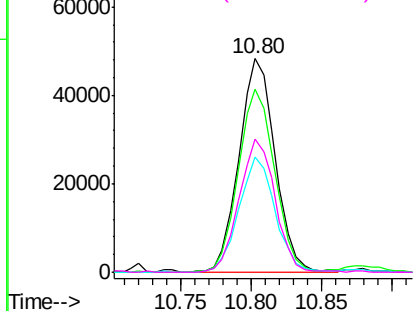
#55
 1,1,2-Trichloroethane
 Concen: 50.79 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 86584
 Ion Ratio Lower Upper
 97 100
 83 85.9 68.7 103.1
 85 53.8 43.0 64.6
 99 62.2 49.8 74.6

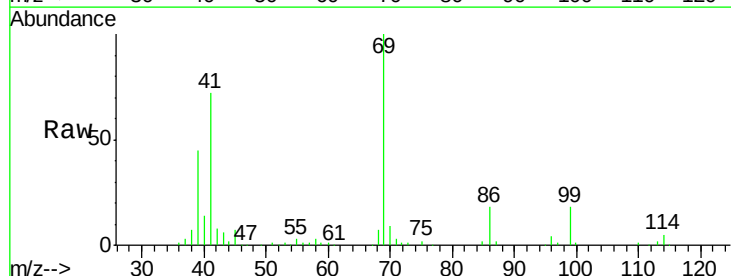


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

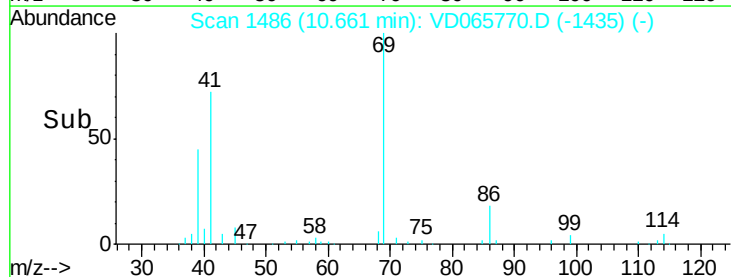
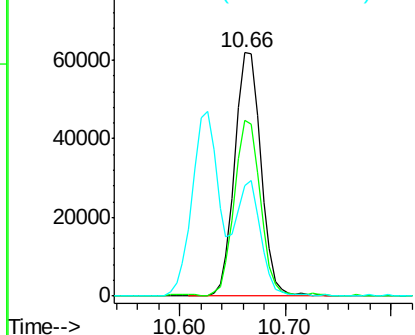


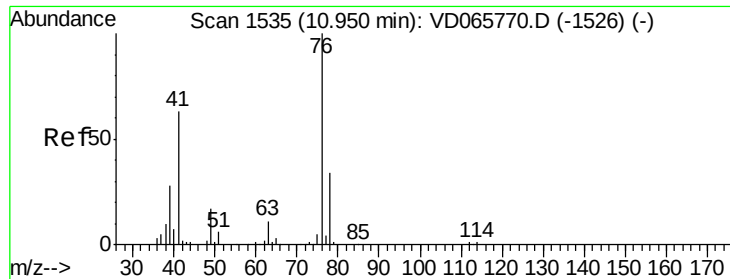
#56
 Ethyl methacrylate
 Concen: 54.93 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 69 Resp: 106133
 Ion Ratio Lower Upper
 69 100
 41 71.1 56.9 85.3
 39 45.0 36.0 54.0



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

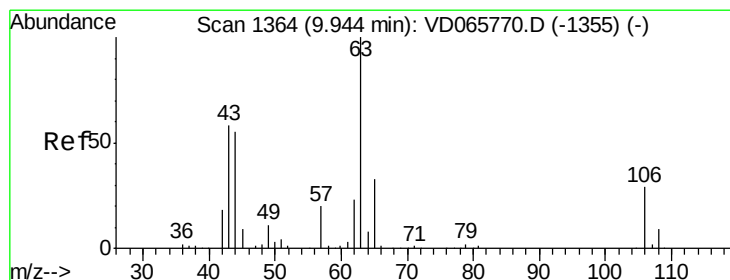
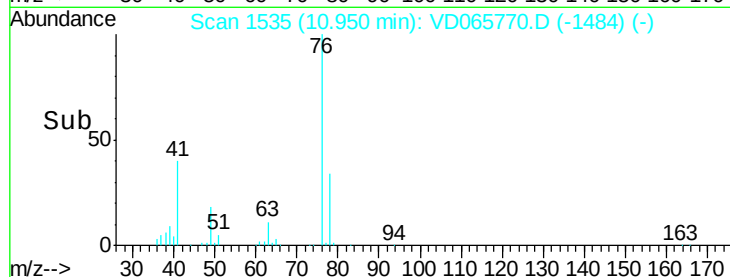
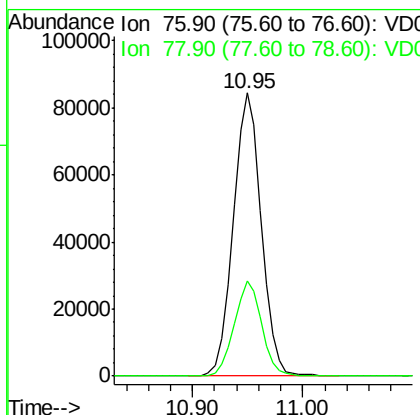
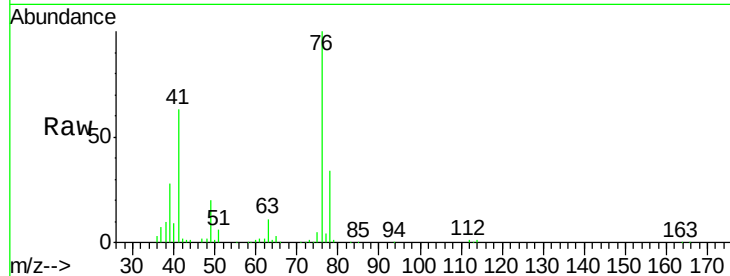




#57
 1,3-Dichloropropane
 Concen: 50.76 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

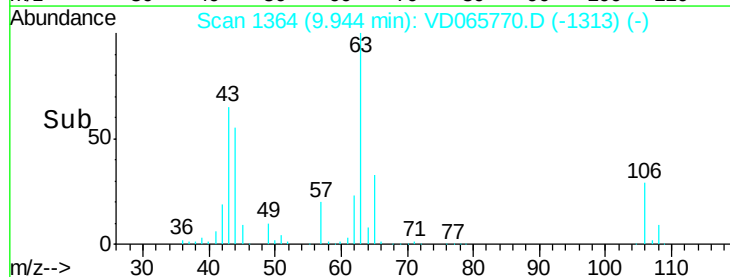
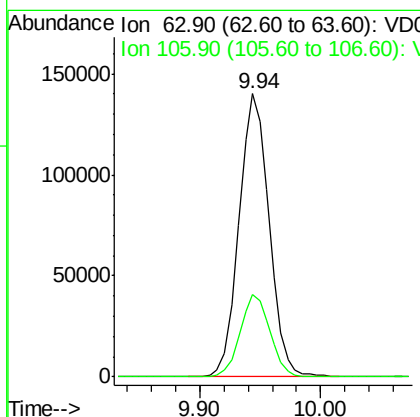
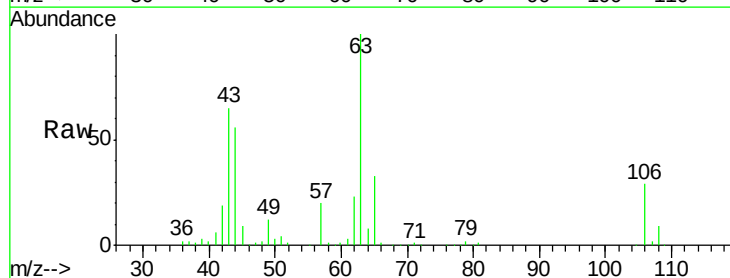
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

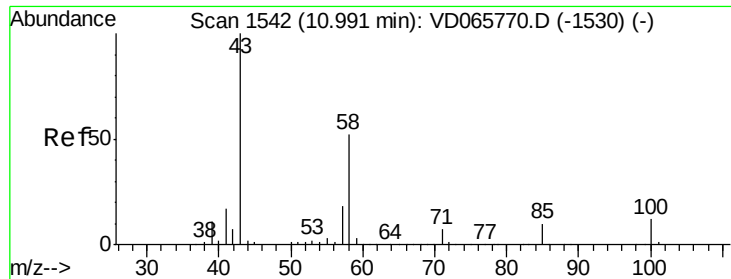
Tgt Ion: 76 Resp: 149897
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.64 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 63 Resp: 244190
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.2 34.8

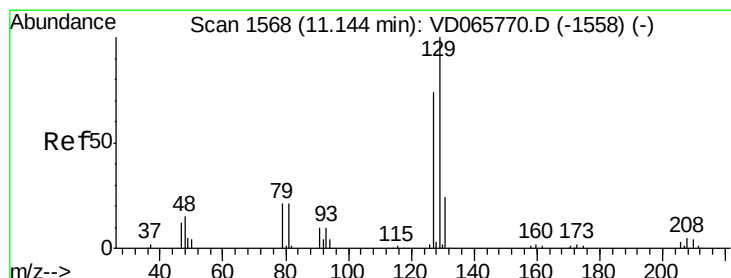
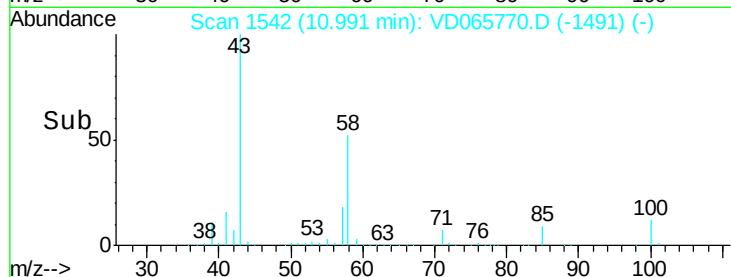
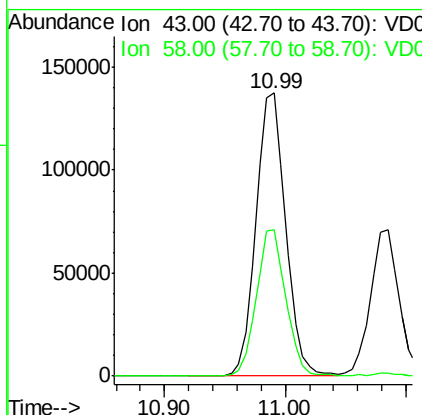
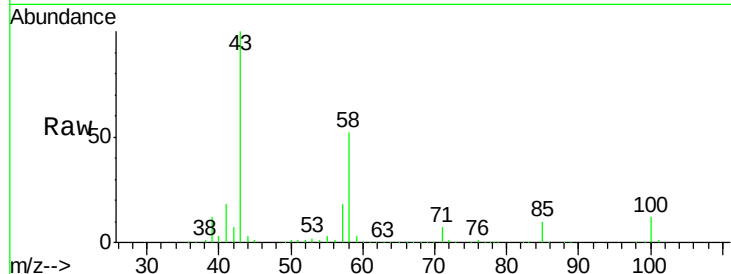




#59
2-Hexanone
Concen: 272.01 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

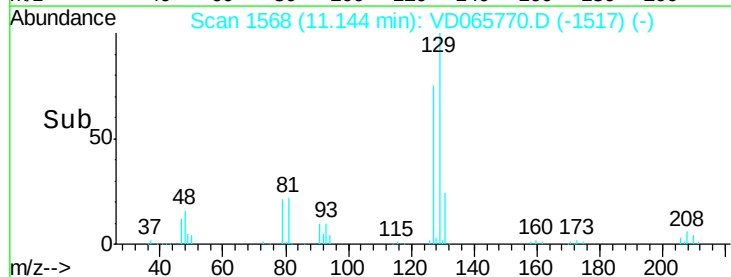
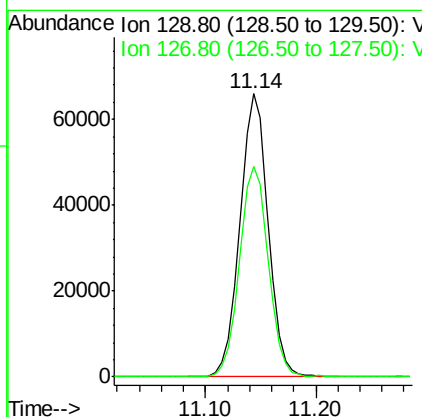
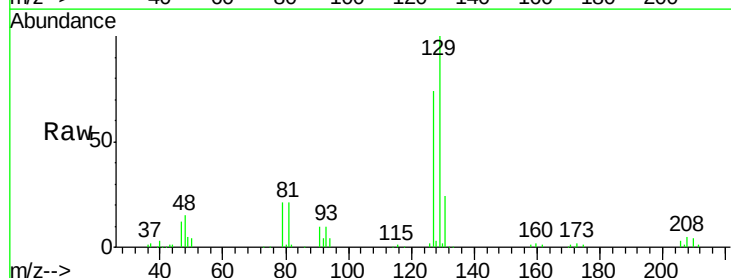
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

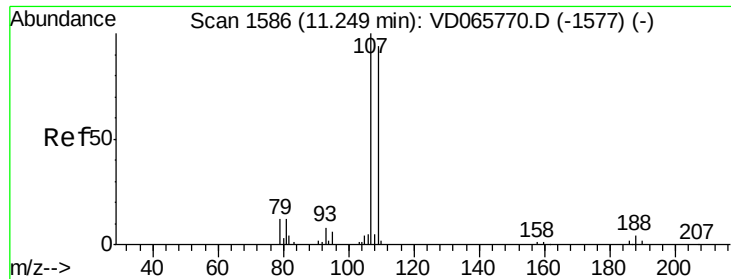
Tgt Ion: 43 Resp: 234938
Ion Ratio Lower Upper
43 100
58 51.3 25.7 77.0



#60
Dibromochloromethane
Concen: 51.63 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 129 Resp: 118396
Ion Ratio Lower Upper
129 100
127 75.9 38.0 113.9

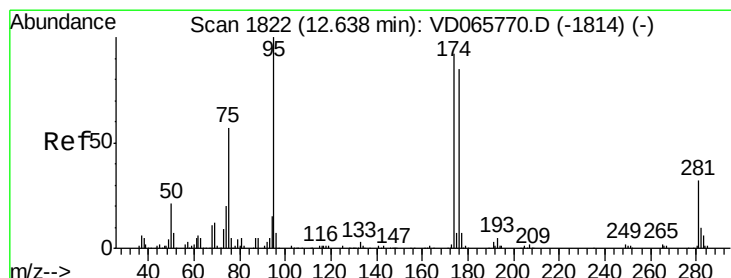
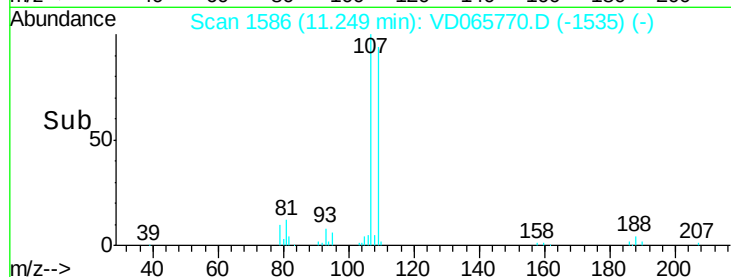
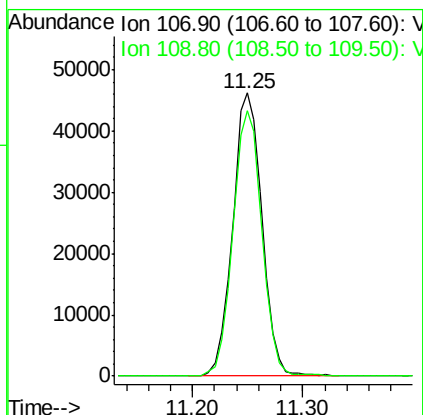
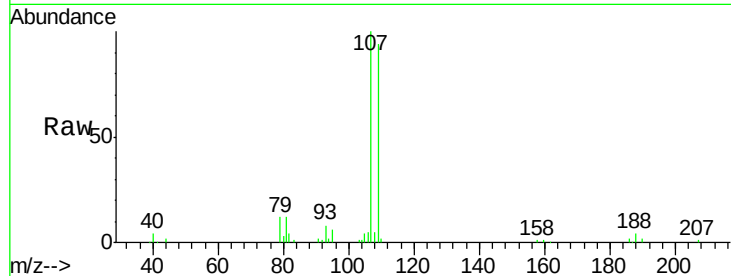




#61
 1,2-Dibromoethane
 Concen: 51.66 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

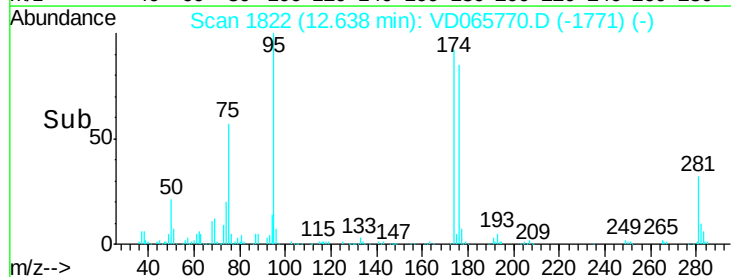
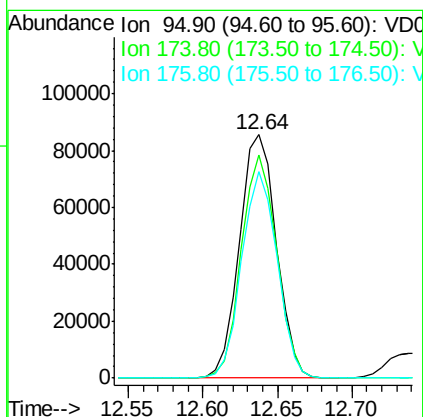
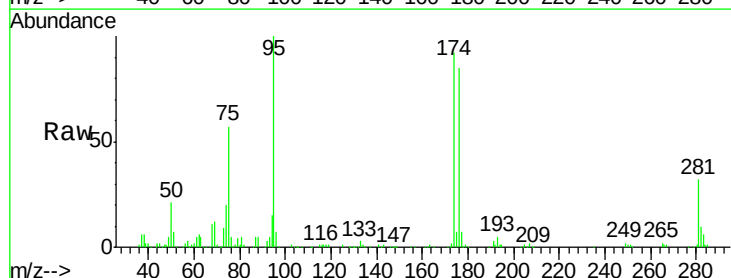
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

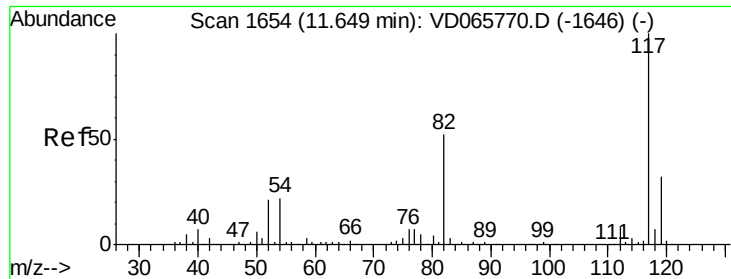
Tgt Ion: 107 Resp: 85781
 Ion Ratio Lower Upper
 107 100
 109 93.0 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 52.91 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 95 Resp: 146731
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 175.2
 176 81.5 0.0 163.0

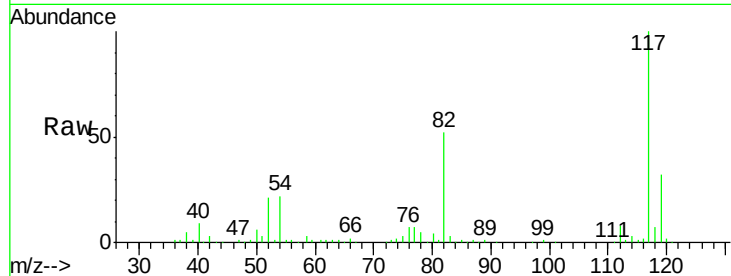




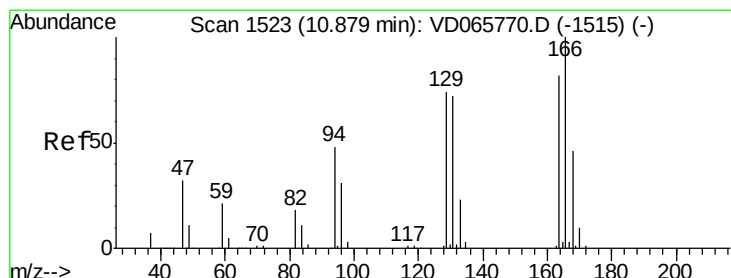
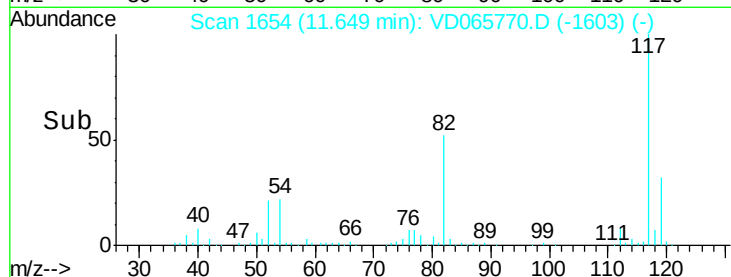
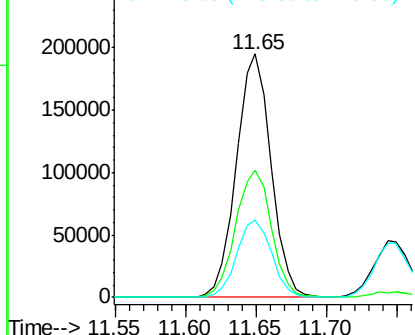
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 334481
Ion Ratio Lower Upper
117 100
82 52.4 41.9 62.9
119 31.6 25.3 37.9

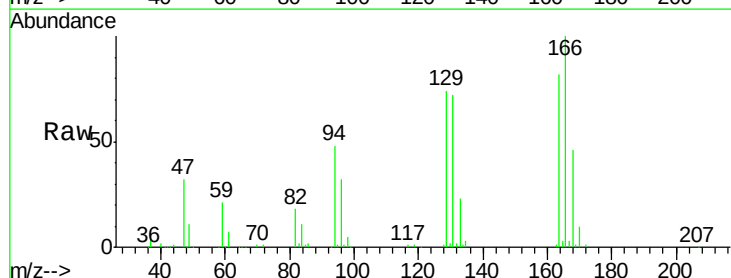


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

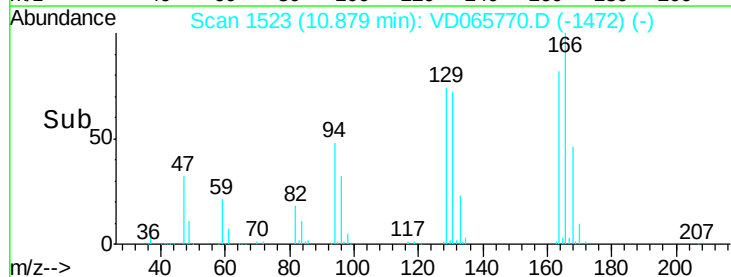
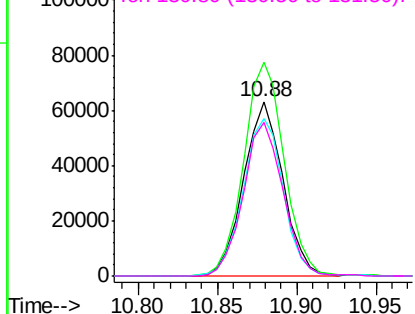


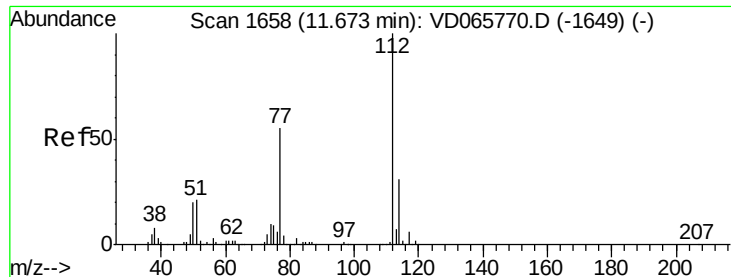
#64
Tetrachloroethene
Concen: 47.03 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion:164 Resp: 108899
Ion Ratio Lower Upper
164 100
166 122.7 98.2 147.2
129 90.4 72.3 108.5
131 88.1 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

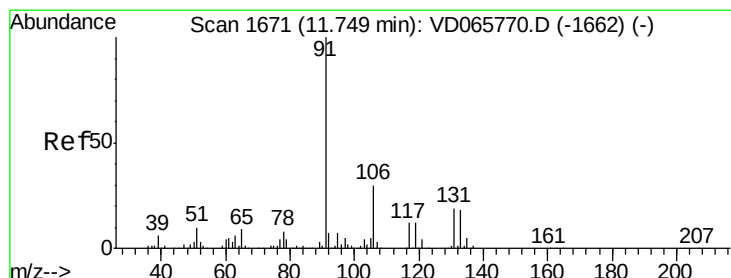
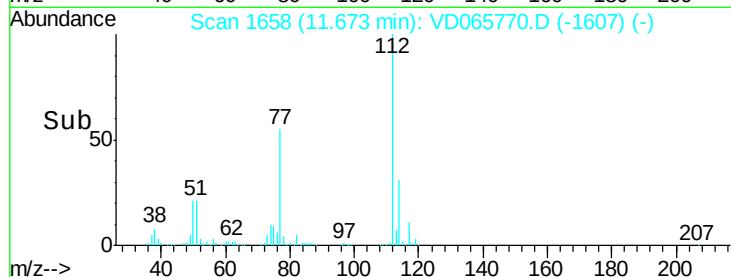
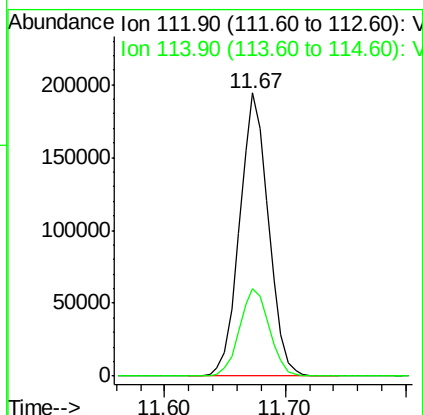
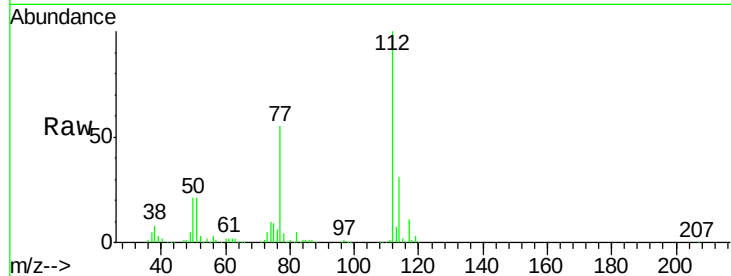




#65
Chlorobenzene
Concen: 48.87 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

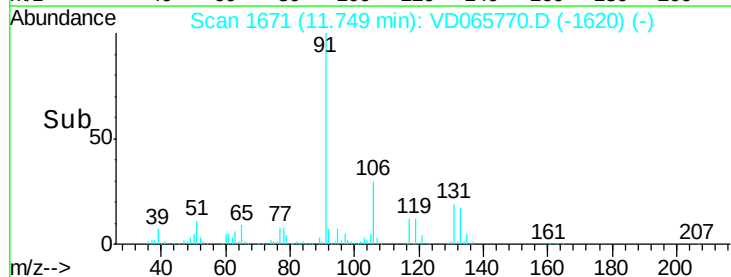
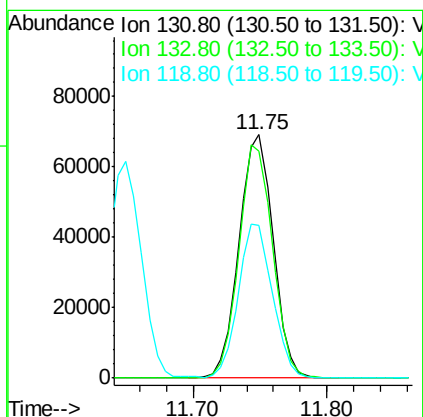
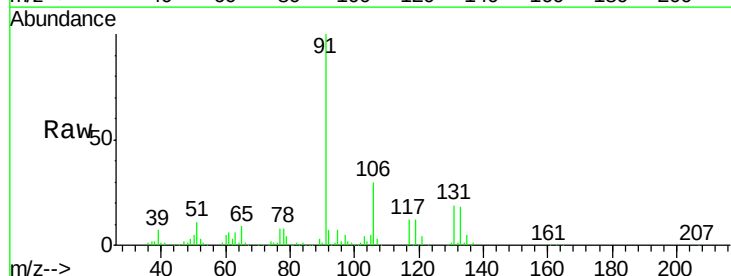
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

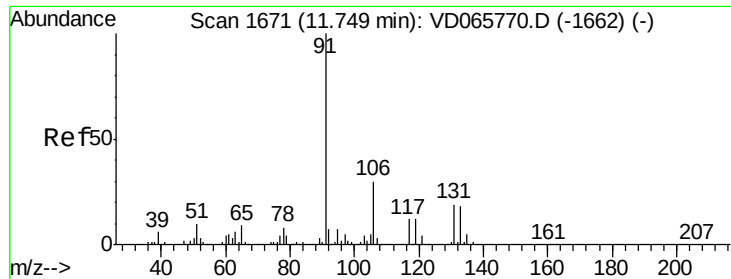
Tgt Ion:112 Resp: 323390
Ion Ratio Lower Upper
112 100
114 30.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.94 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion:131 Resp: 122420
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 63.2 31.6 94.8

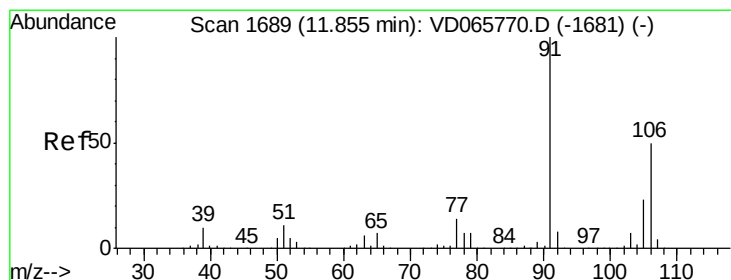
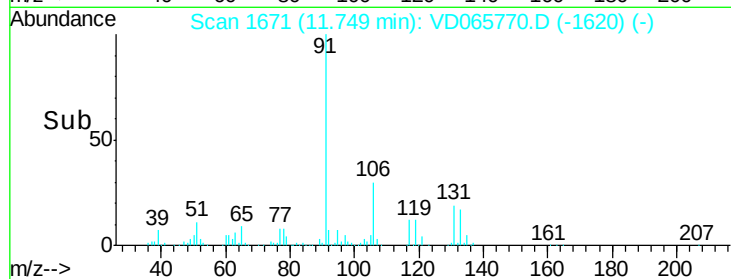
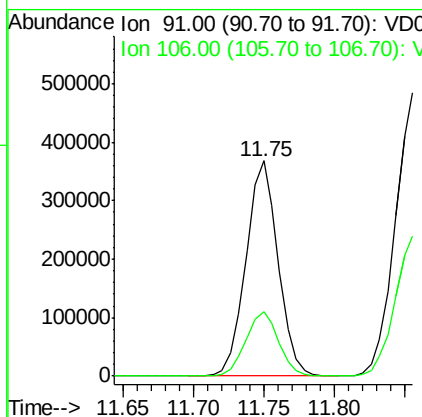
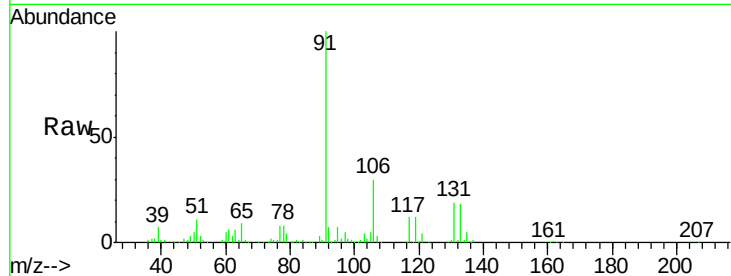




#67
Ethyl Benzene
Concen: 50.16 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

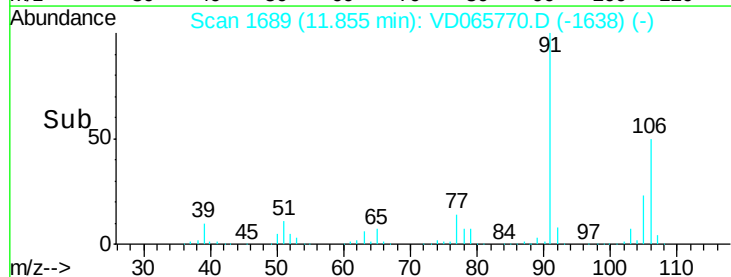
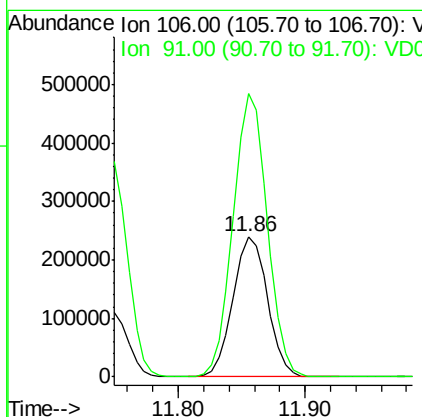
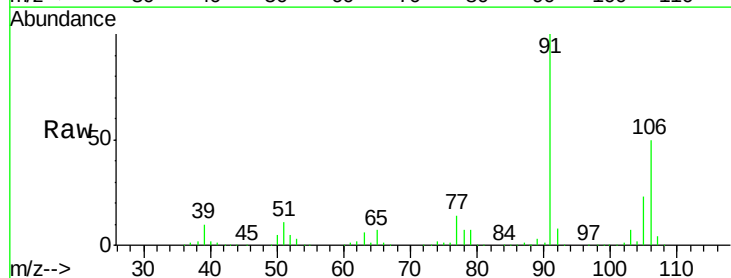
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

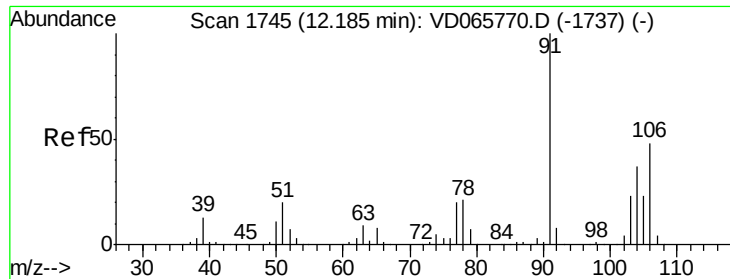
Tgt Ion: 91 Resp: 586879
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1



#68
m/p-Xylenes
Concen: 100.65 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 106 Resp: 453380
Ion Ratio Lower Upper
106 100
91 199.3 159.4 239.2

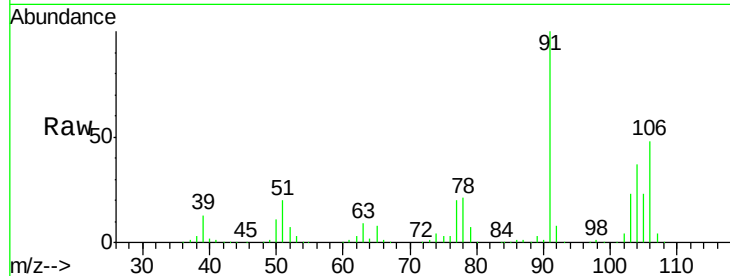




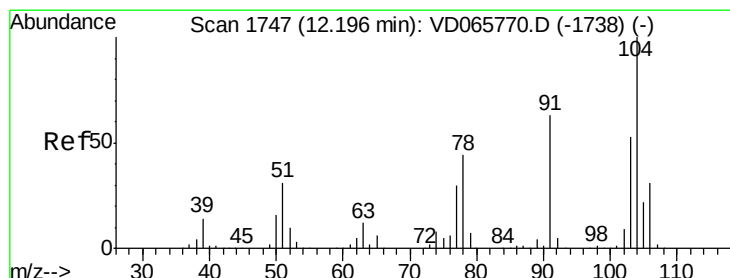
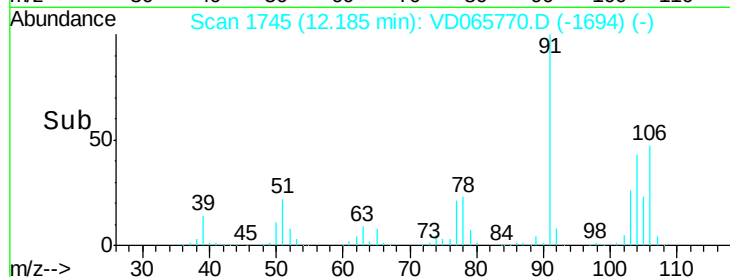
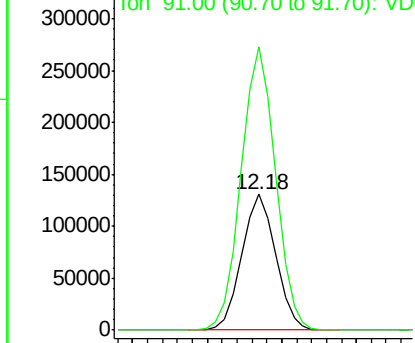
#69
o-Xylene
Concen: 51.64 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 206466
Ion Ratio Lower Upper
106 100
91 210.5 105.3 315.8

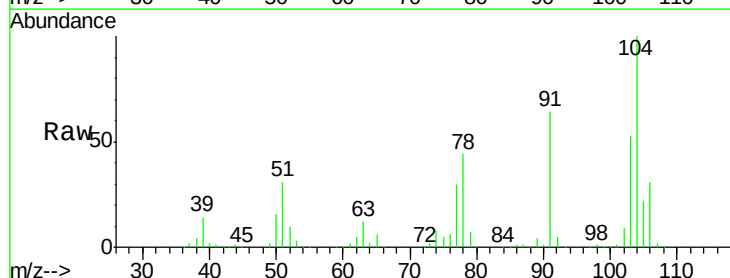


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

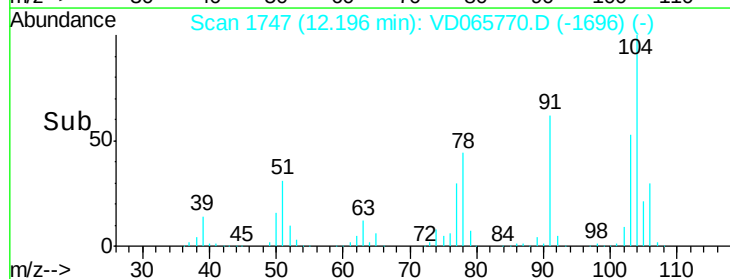
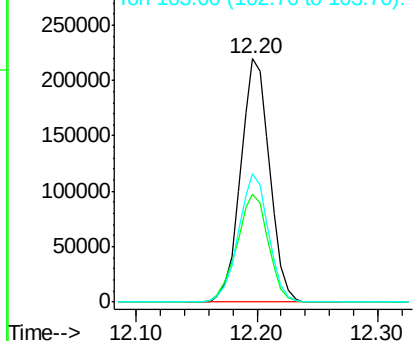


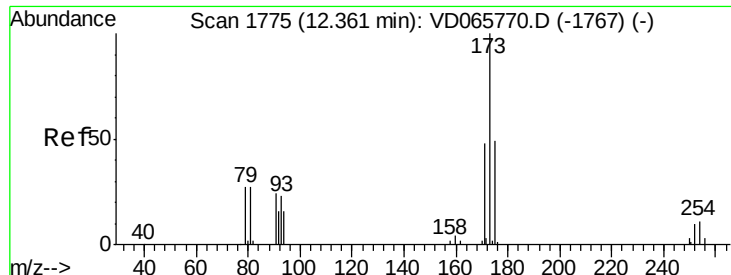
#70
Styrene
Concen: 53.13 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion:104 Resp: 366882
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 54.9 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

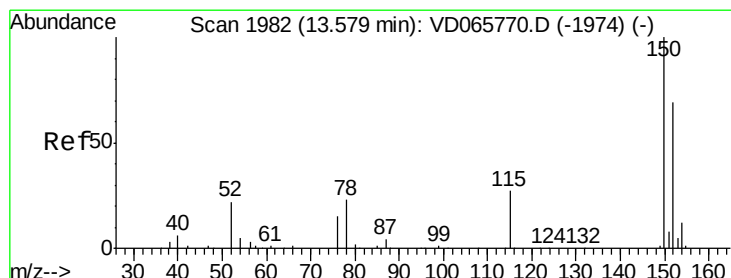
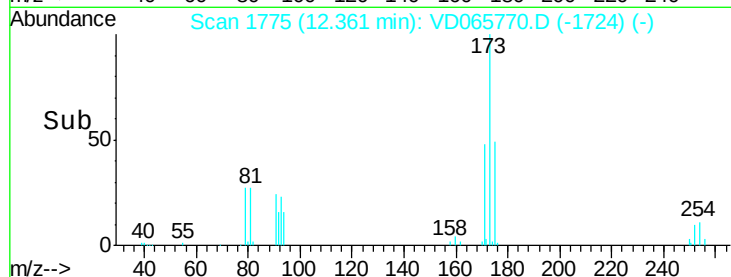
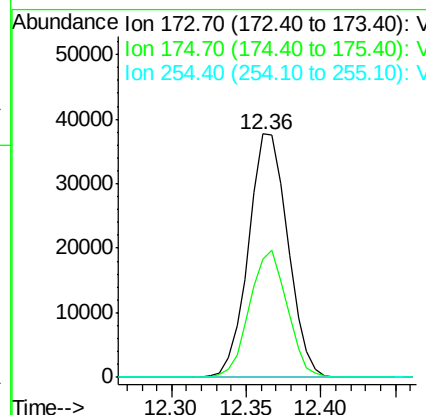
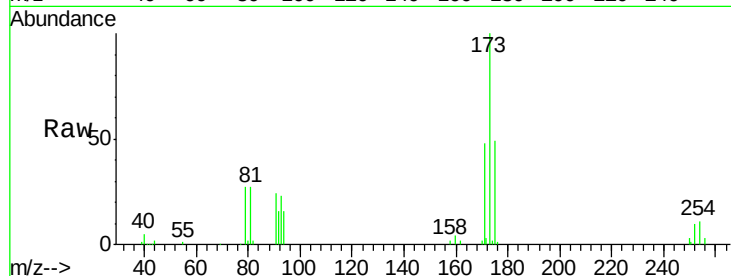




#71
Bromoform
Concen: 51.27 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

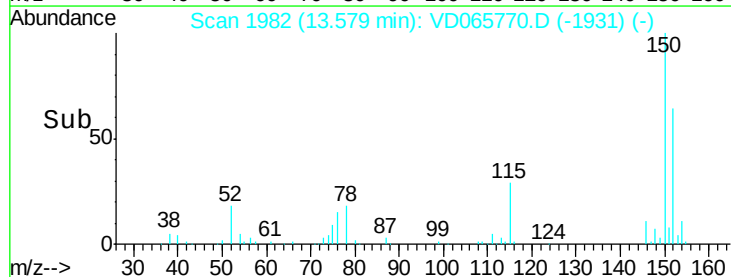
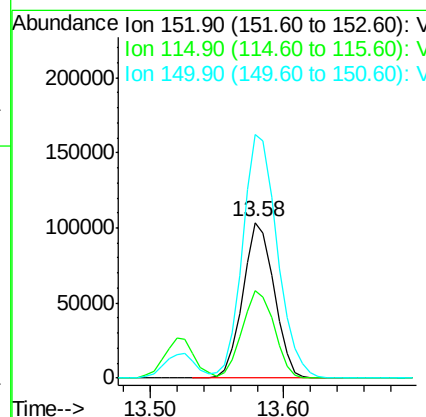
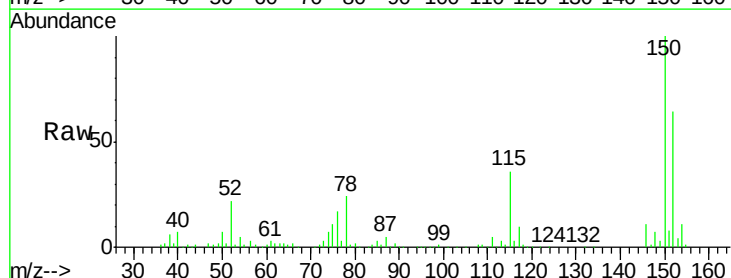
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

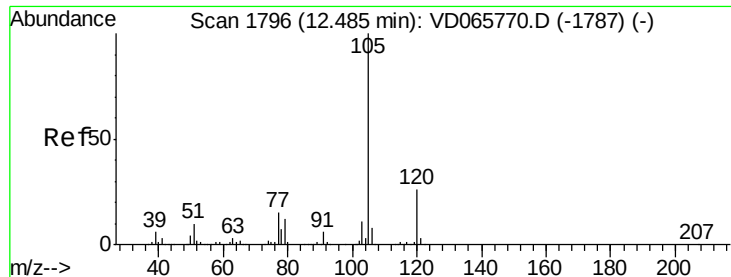
Tgt Ion:173 Resp: 68678
Ion Ratio Lower Upper
173 100
175 49.6 24.8 74.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion:152 Resp: 167846
Ion Ratio Lower Upper
152 100
115 57.4 28.7 86.1
150 174.0 0.0 348.0

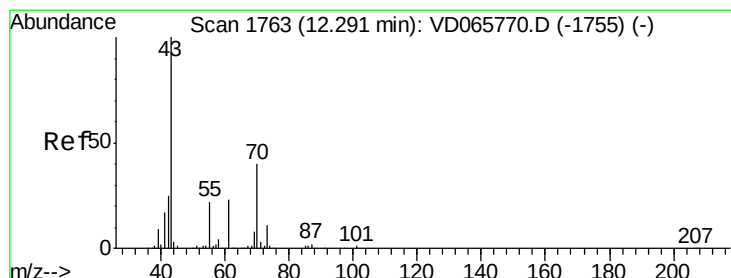
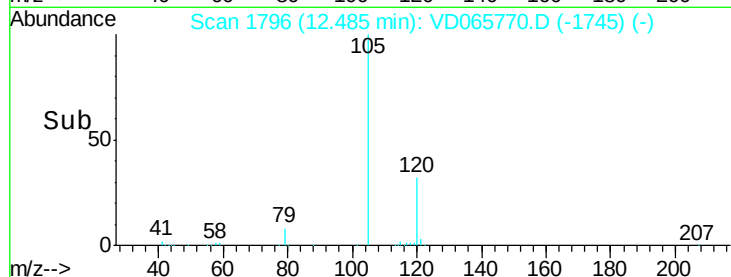
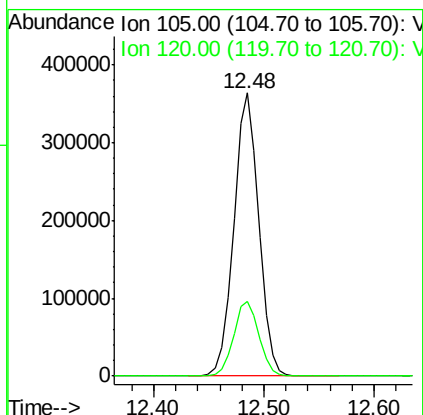
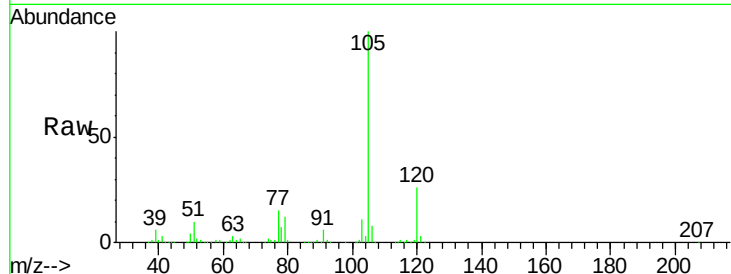




#73
Isopropylbenzene
Concen: 50.64 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

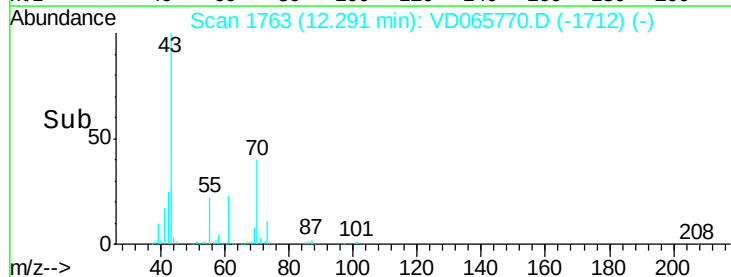
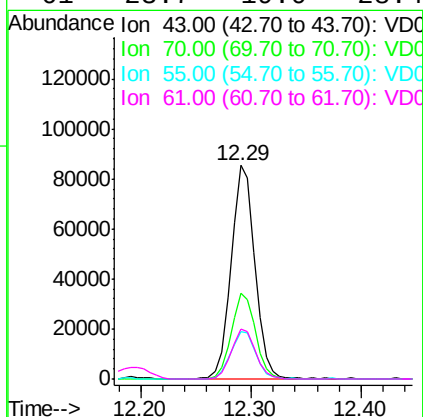
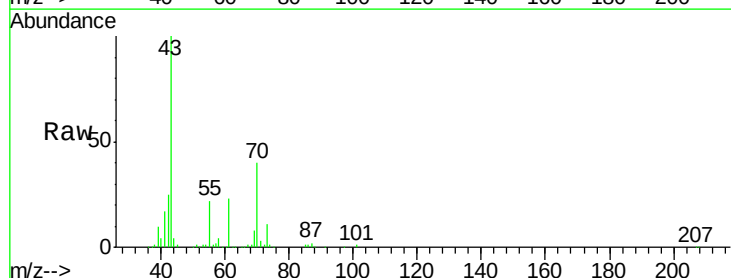
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

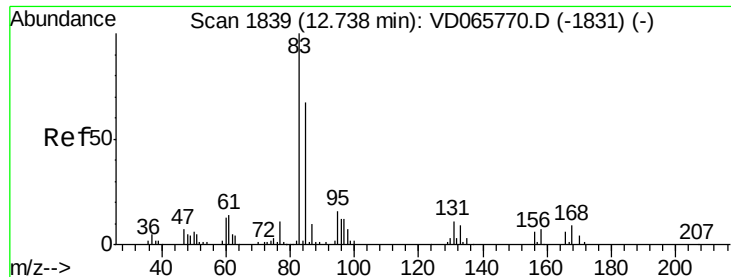
Tgt Ion: 105 Resp: 572478
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.5



#74
N-ethyl acetate
Concen: 51.58 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 43 Resp: 129351
Ion Ratio Lower Upper
43 100
70 40.4 32.3 48.5
55 23.7 19.0 28.4
61 23.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.76 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

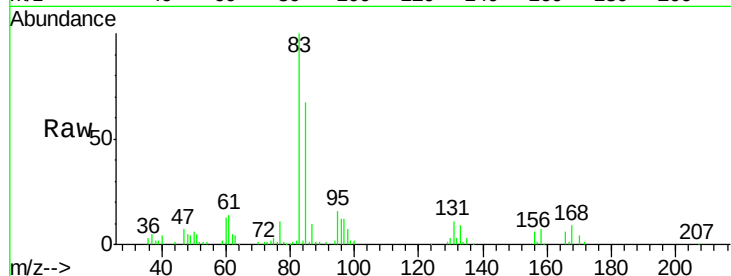
Tgt Ion: 83 Resp: 93865

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

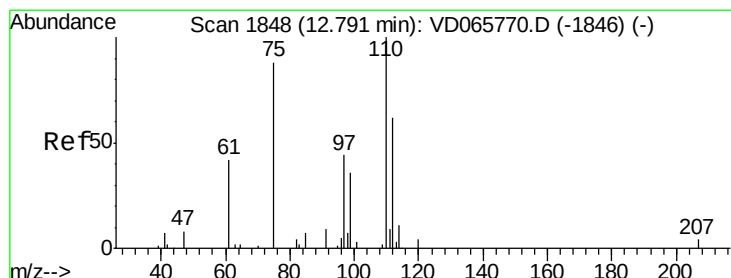
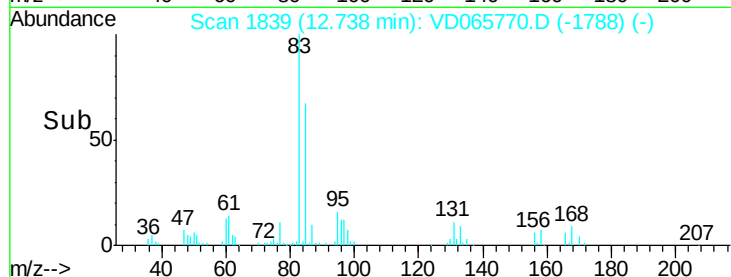
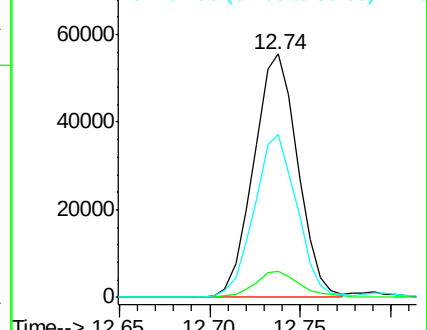
85 65.0 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 97.32 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065770.D

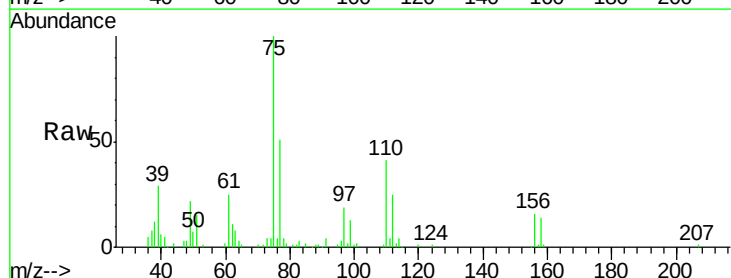
Acq: 05 Jun 2020 11:51

Tgt Ion: 75 Resp: 127950

Ion Ratio Lower Upper

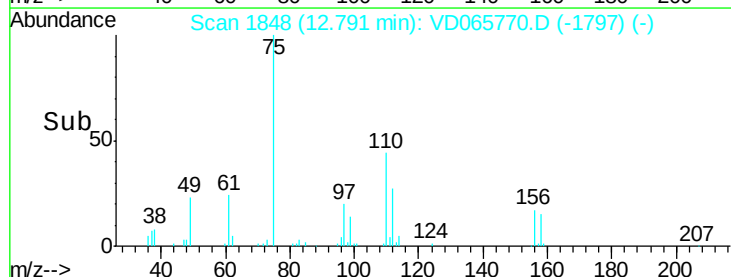
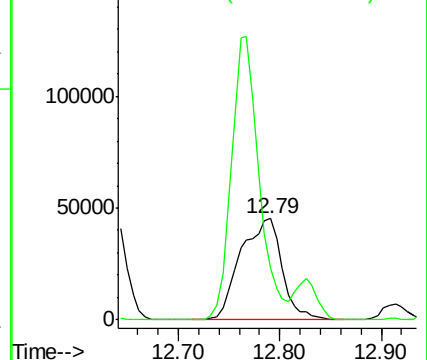
75 100

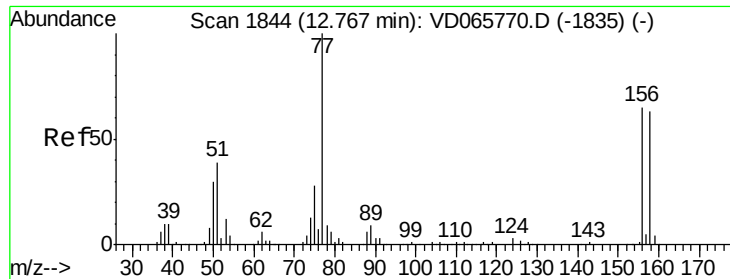
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.31 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

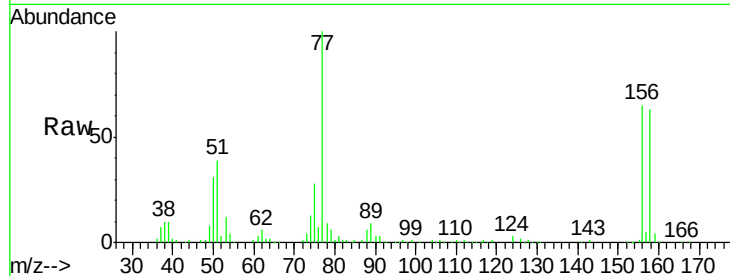
Tgt Ion:156 Resp: 137543

Ion Ratio Lower Upper

156 100

77 174.5 87.3 261.8

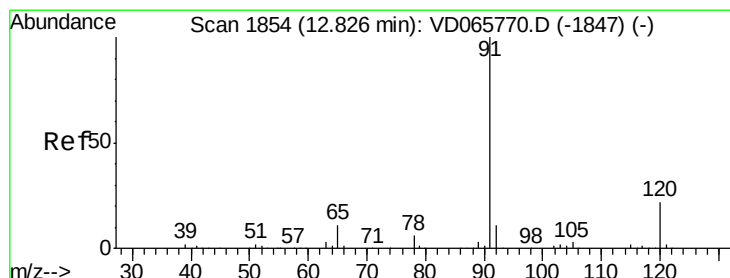
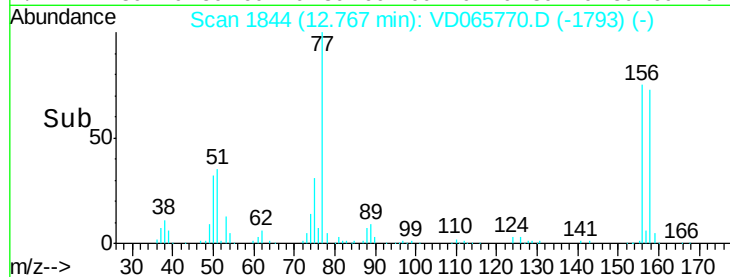
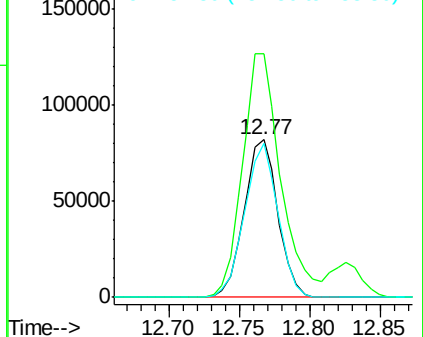
158 96.0 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.23 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065770.D

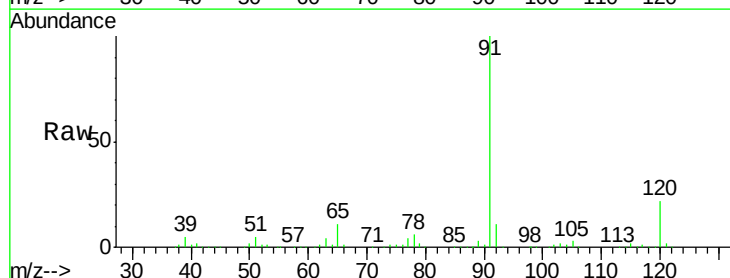
Acq: 05 Jun 2020 11:51

Tgt Ion: 91 Resp: 689207

Ion Ratio Lower Upper

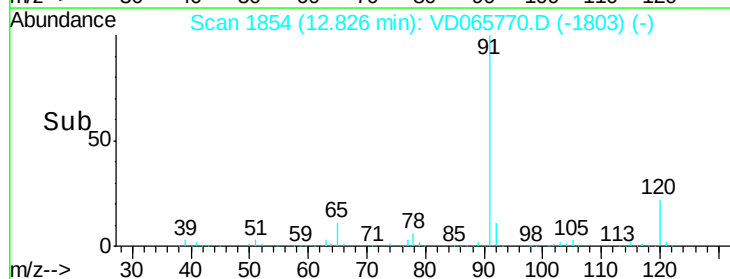
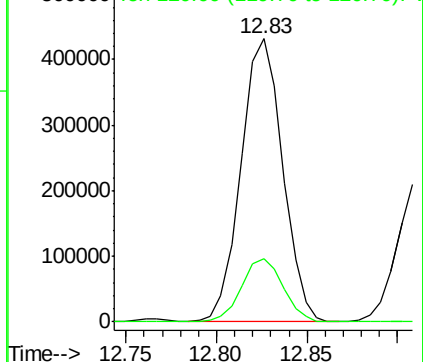
91 100

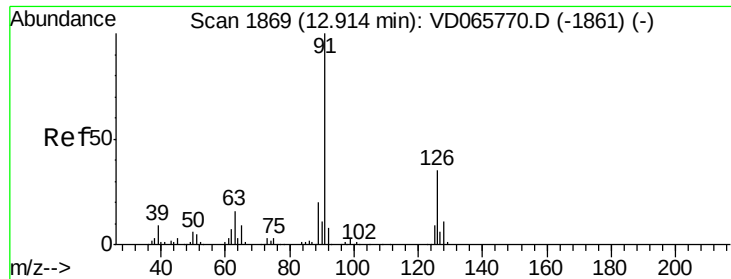
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.09 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

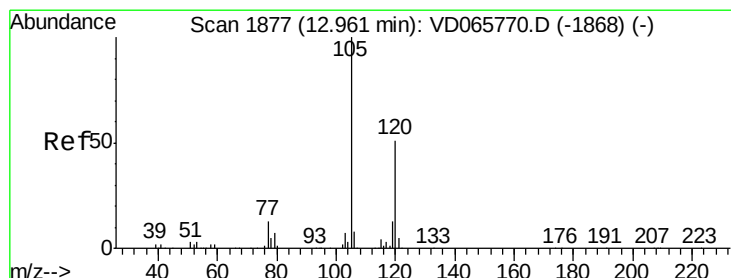
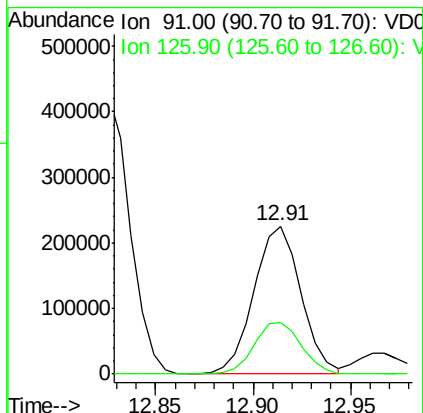
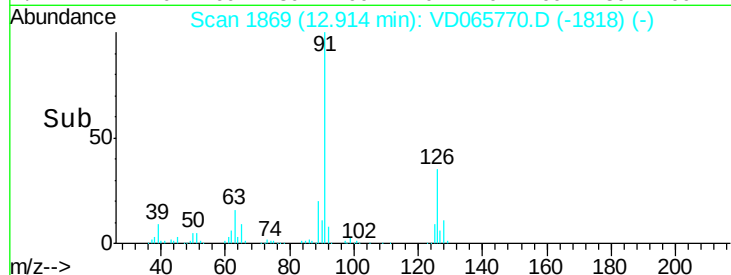
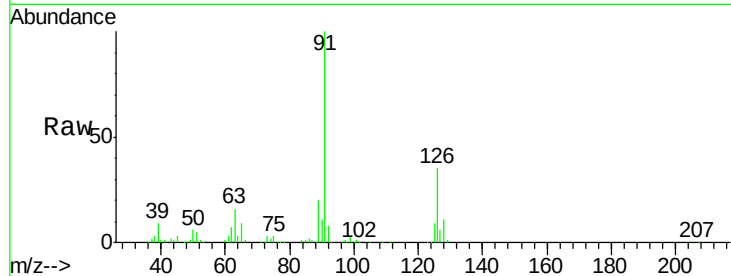
VSTDICCC050

Tgt Ion: 91 Resp: 377275

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 51.24 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD065770.D

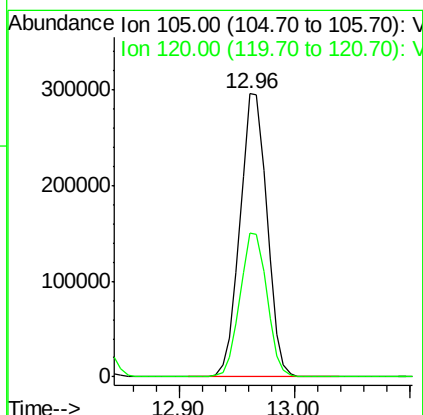
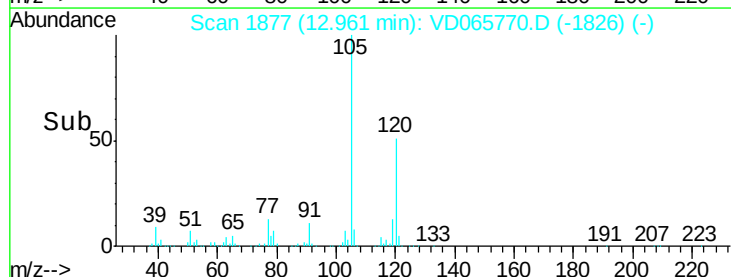
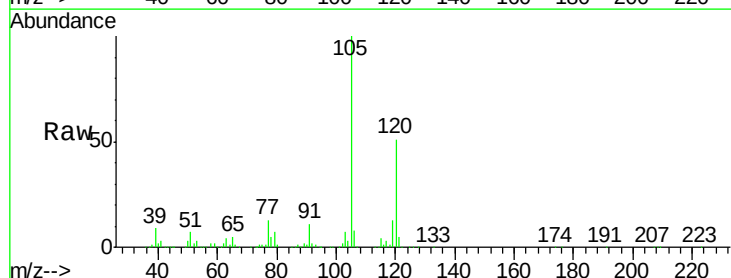
Acq: 05 Jun 2020 11:51

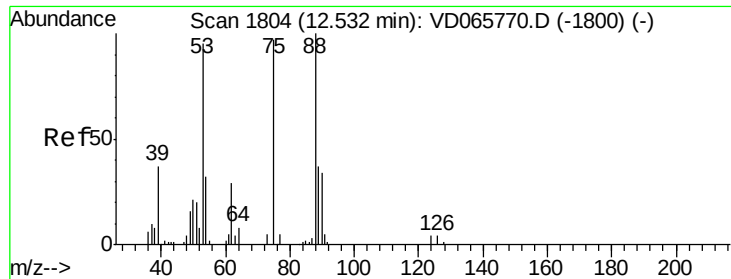
Tgt Ion: 105 Resp: 481760

Ion Ratio Lower Upper

105 100

120 50.7 25.4 76.0

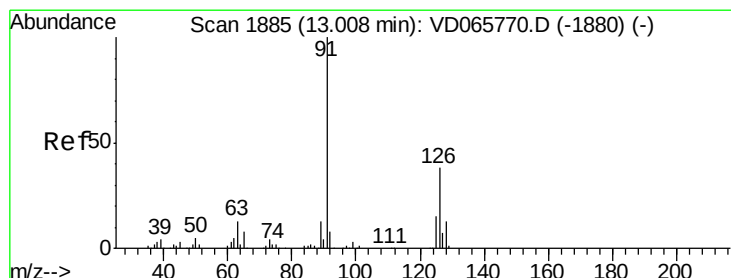
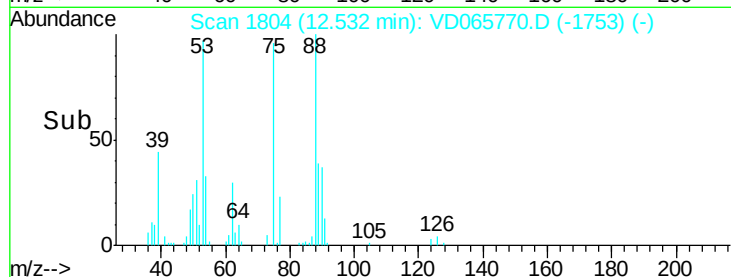
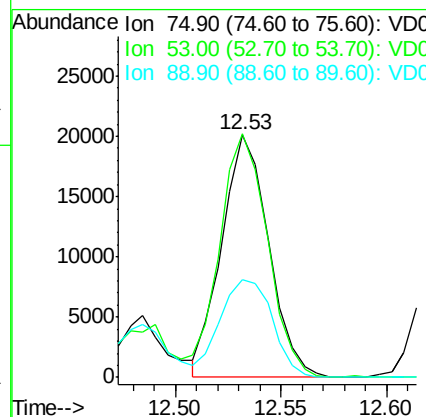
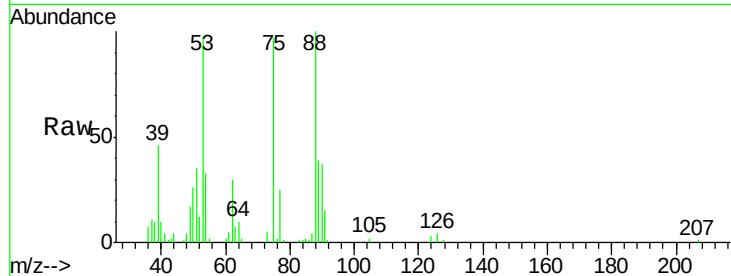




#81
trans-1,4-Dichloro-2-butene
Concen: 52.04 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

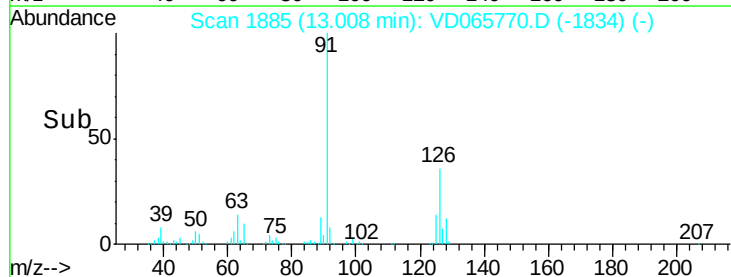
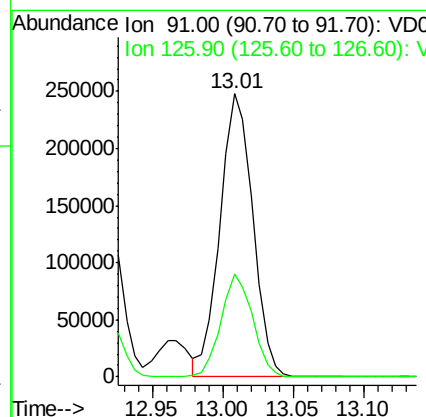
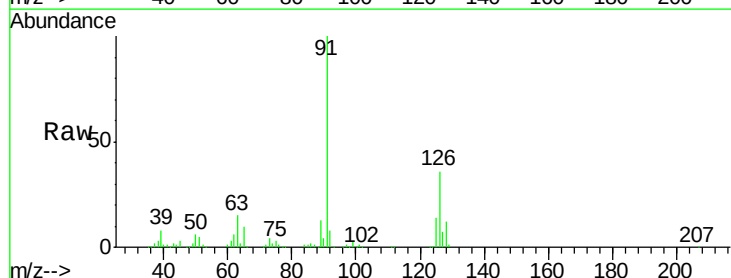
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

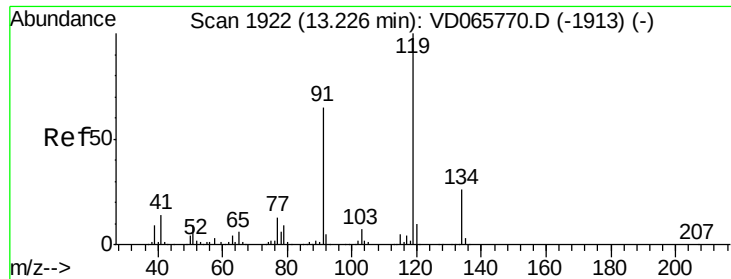
Tgt Ion: 75 Resp: 31007
Ion Ratio Lower Upper
75 100
53 103.2 82.6 123.8
89 44.9 35.9 53.9



#82
4-Chlorotoluene
Concen: 49.18 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 91 Resp: 400140
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.8

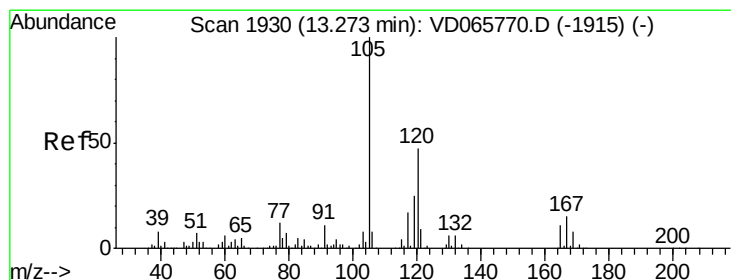
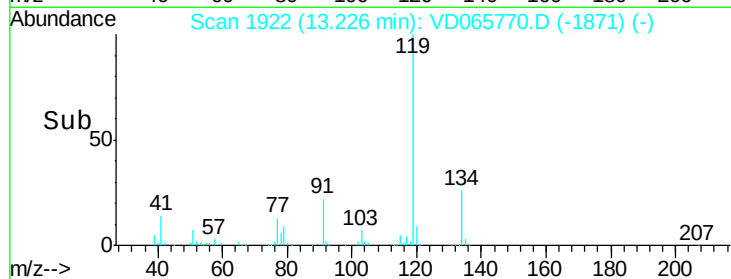
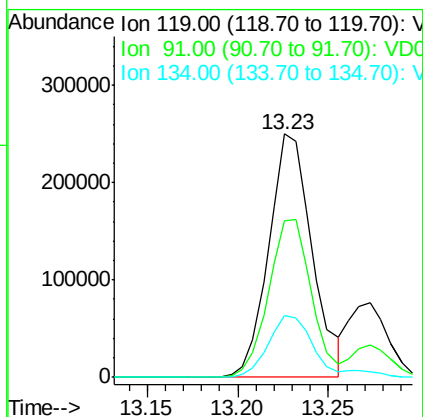
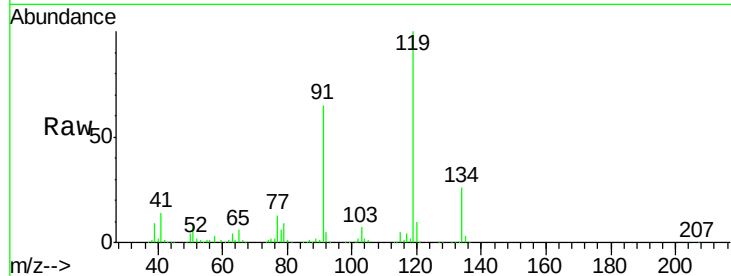




#83
 tert-Butylbenzene
 Concen: 51.25 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

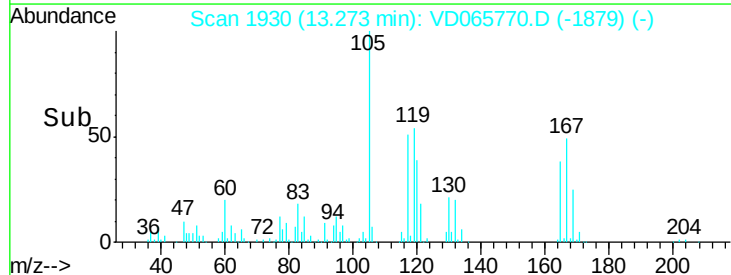
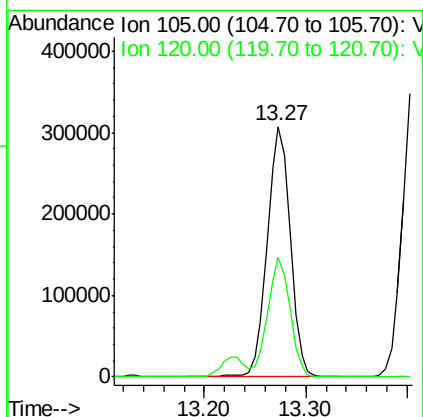
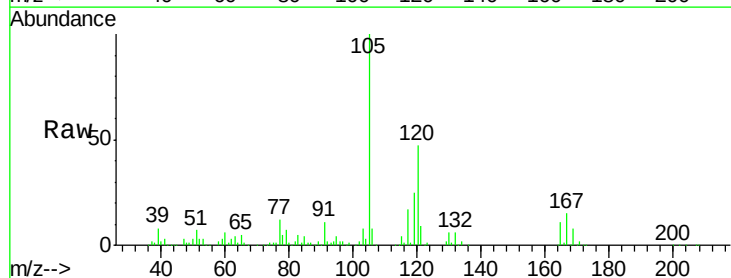
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

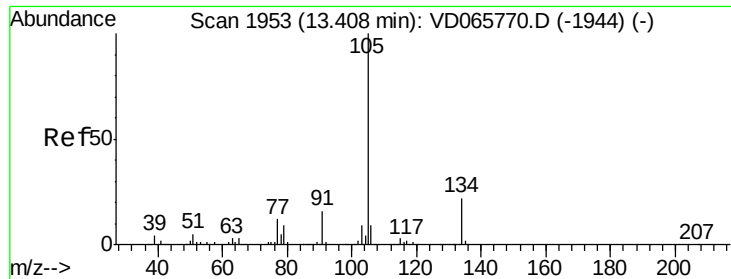
Tgt Ion:119 Resp: 416833
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.0 96.0
 134 27.6 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.47 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion:105 Resp: 484405
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.8





#85

sec-Butylbenzene

Concen: 50.71 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

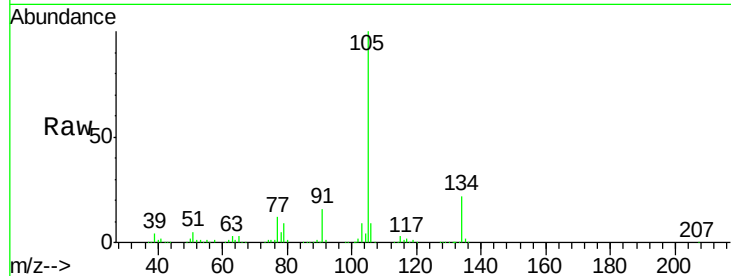
VSTDICCC050

Tgt Ion:105 Resp: 578210

Ion Ratio Lower Upper

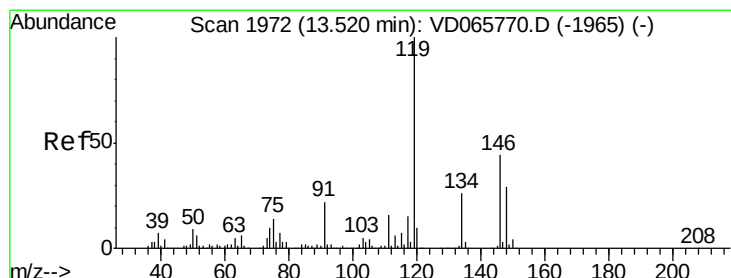
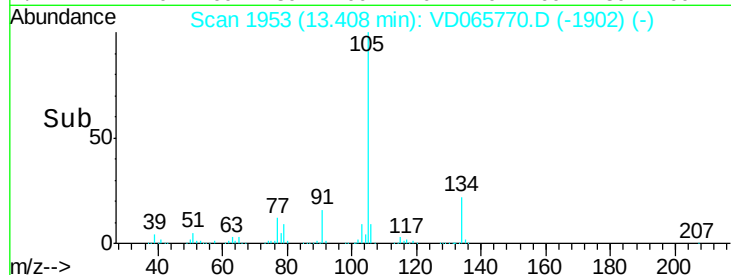
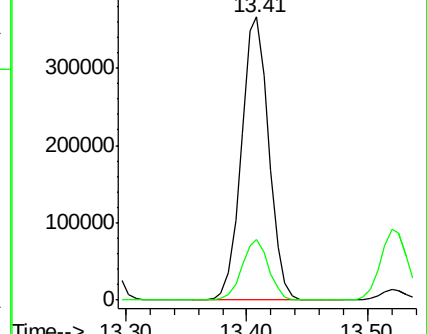
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.11 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065770.D

Acq: 05 Jun 2020 11:51

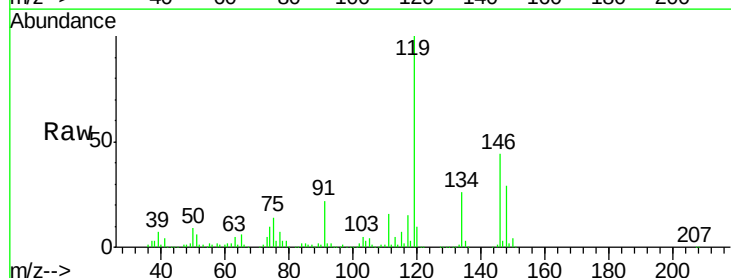
Tgt Ion:119 Resp: 539479

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

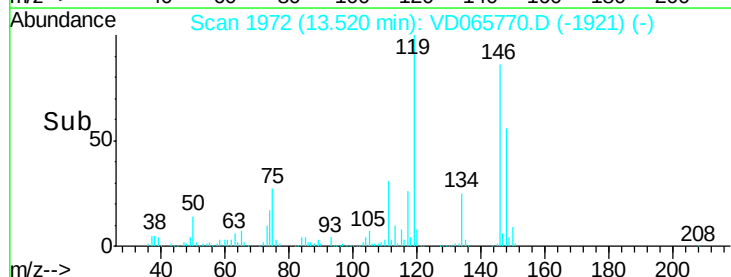
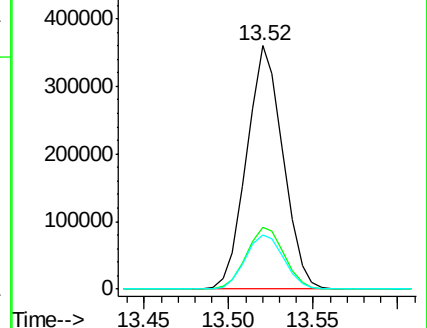
91 23.6 11.8 35.4

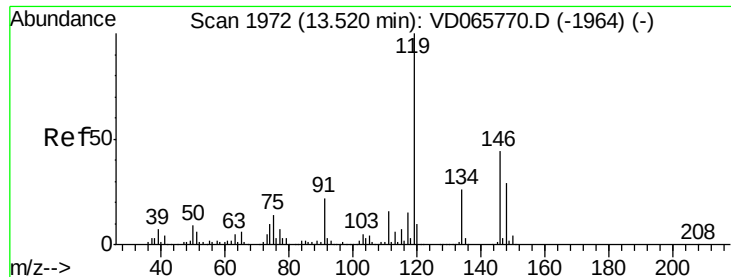


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

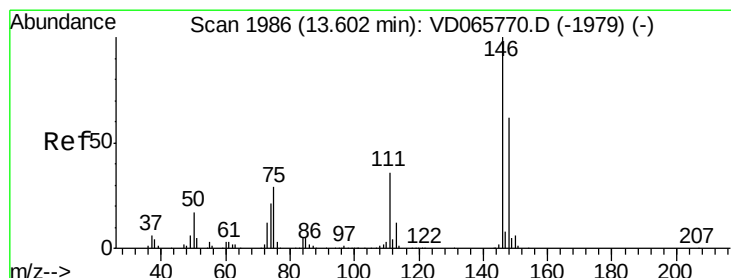
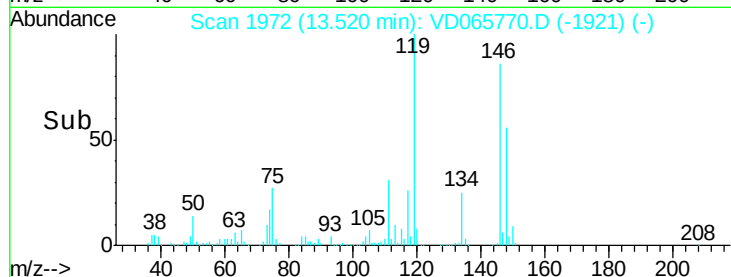
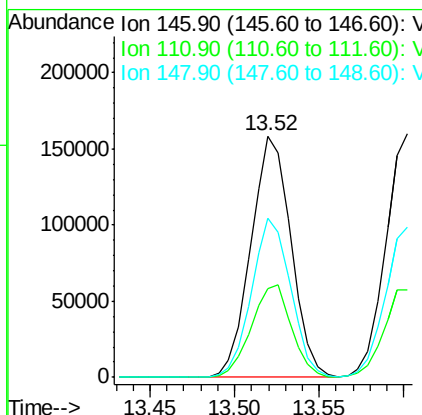
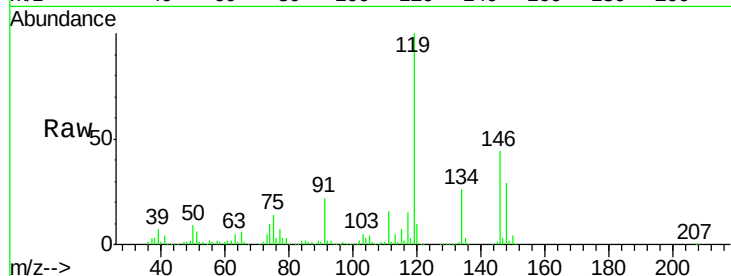




#87
 1,3-Dichlorobenzene
 Concen: 48.92 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

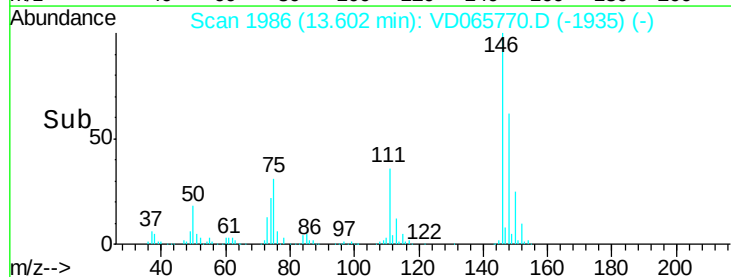
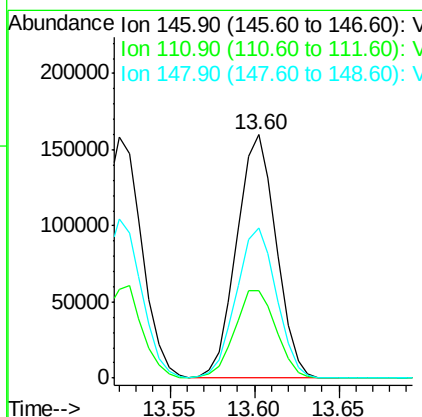
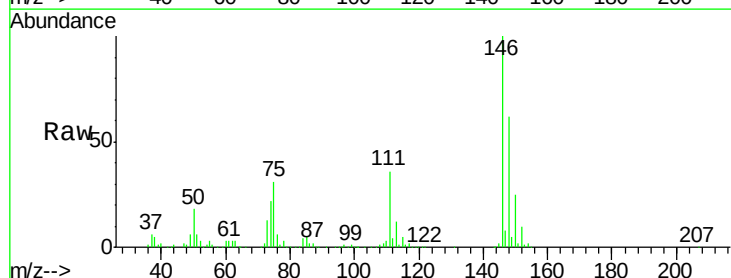
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

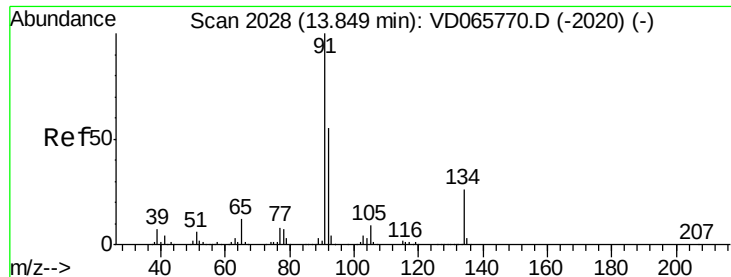
Tgt Ion:146 Resp: 261737
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.2 57.6
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.87 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion:146 Resp: 260867
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.7
 148 63.1 31.6 94.7

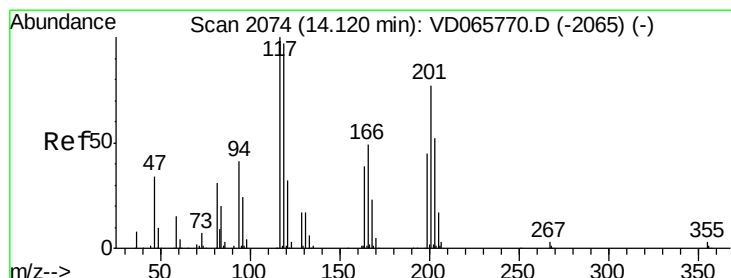
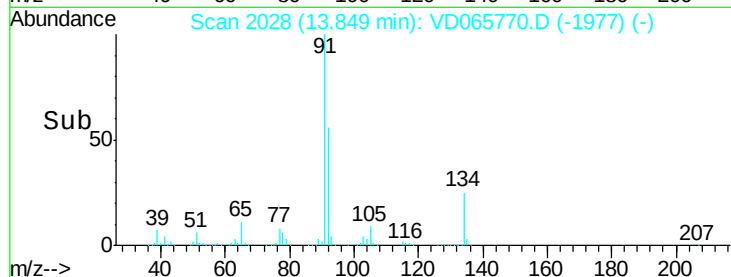
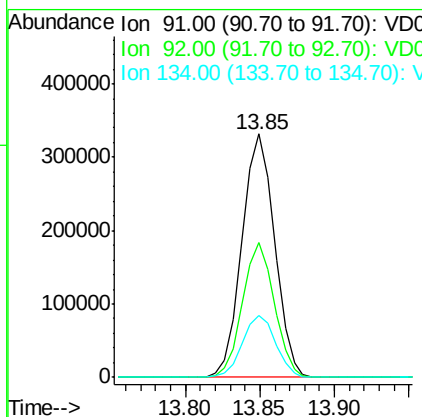
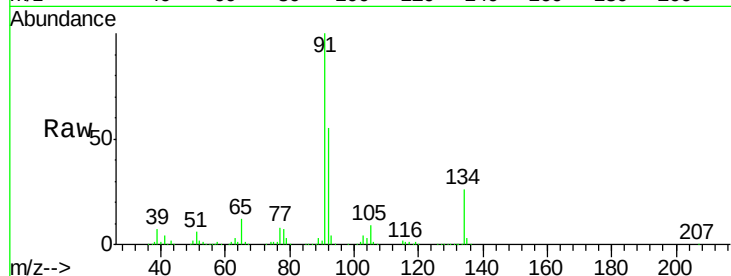




#89
n-Butylbenzene
Concen: 50.55 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

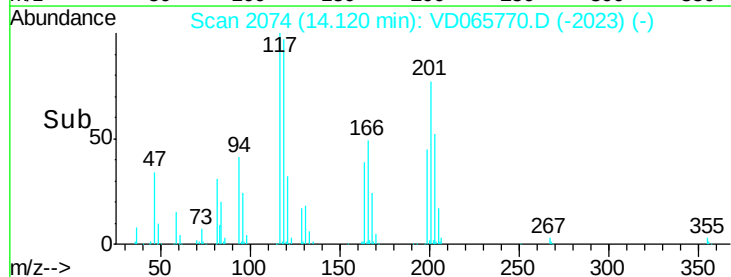
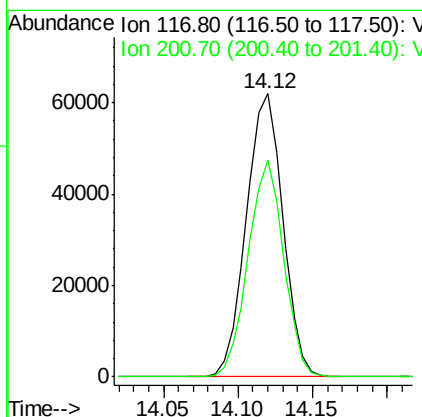
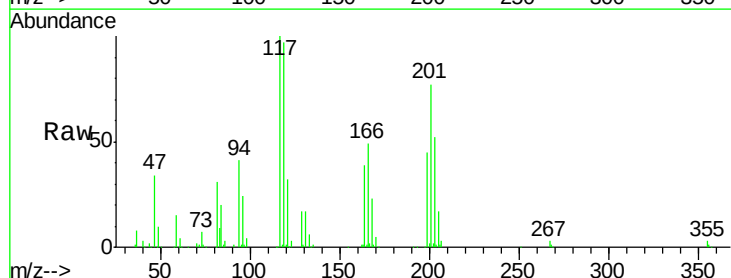
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

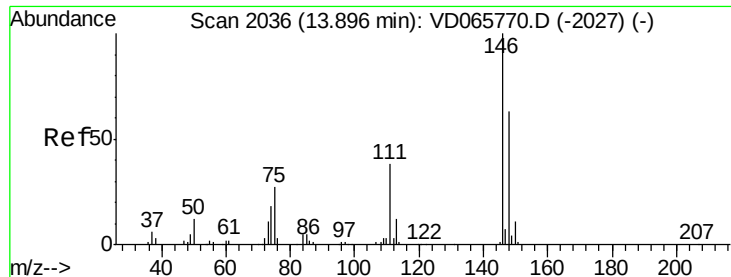
Tgt Ion: 91 Resp: 503144
Ion Ratio Lower Upper
91 100
92 54.0 27.0 81.0
134 26.0 13.0 39.0



#90
Hexachloroethane
Concen: 49.88 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion: 117 Resp: 104932
Ion Ratio Lower Upper
117 100
201 74.3 37.1 111.5

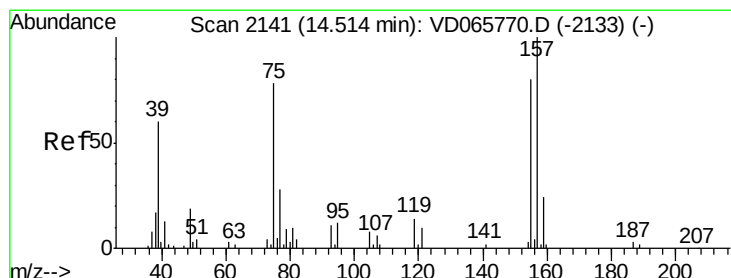
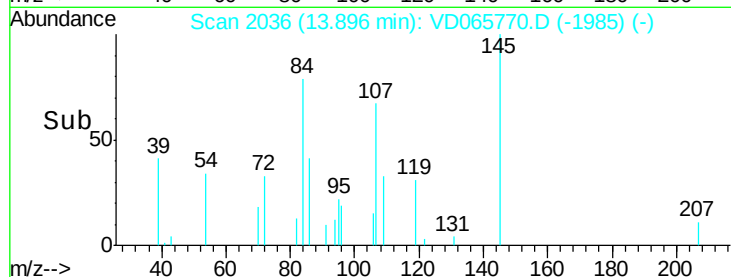
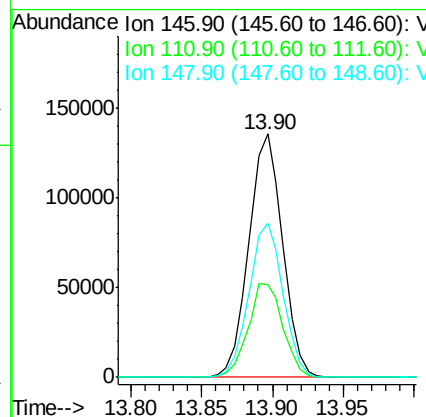
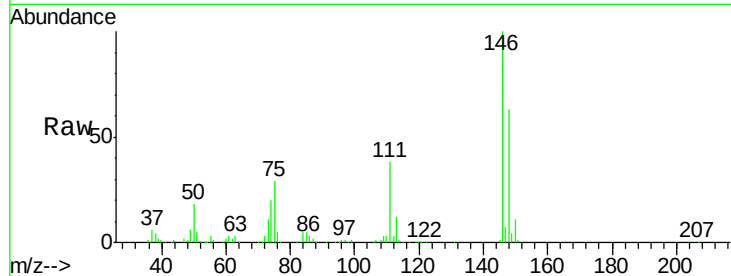




#91
 1,2-Dichlorobenzene
 Concen: 49.69 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

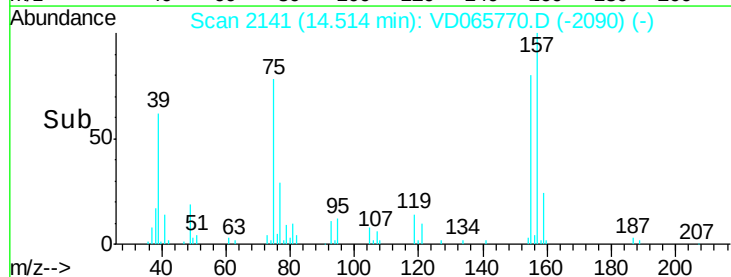
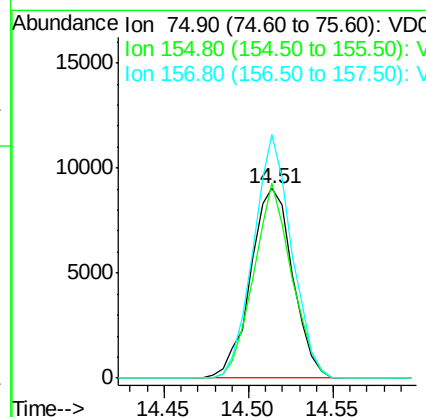
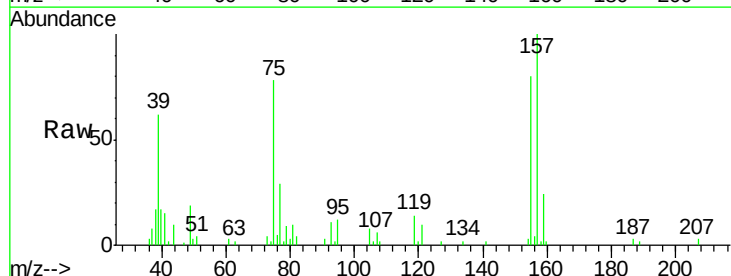
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

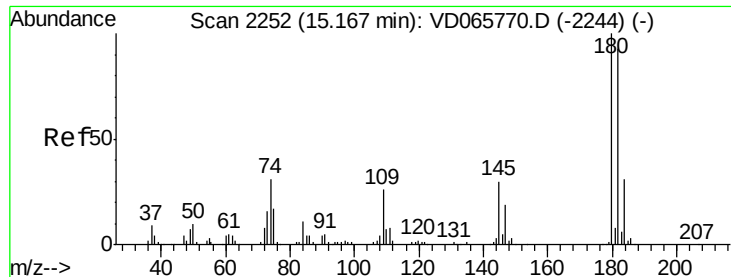
Tgt Ion: 146 Resp: 228033
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.4
 148 63.8 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.23 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion: 75 Resp: 15679
 Ion Ratio Lower Upper
 75 100
 155 92.6 46.3 138.9
 157 116.2 58.1 174.3

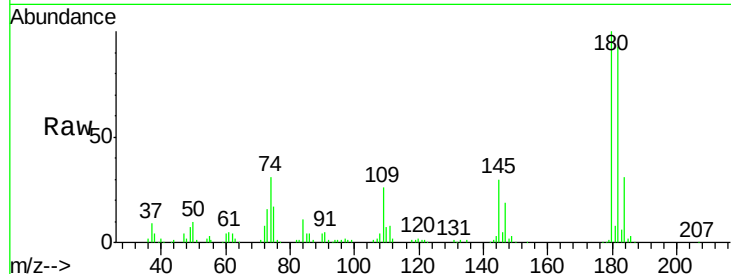




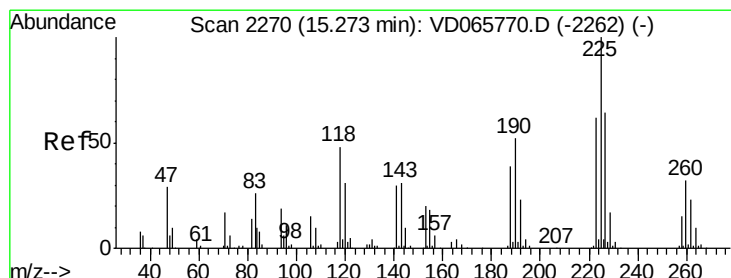
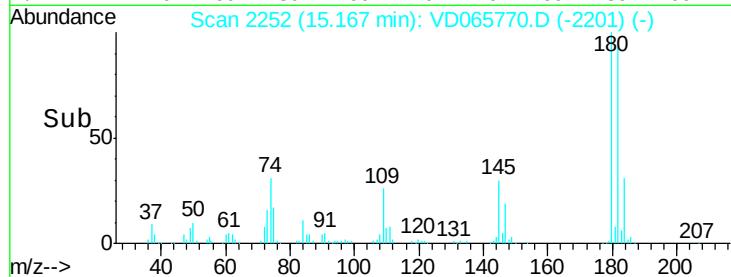
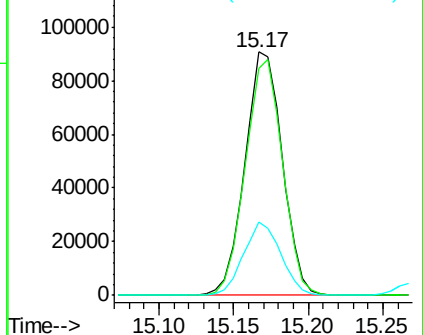
#93
 1,2,4-Trichlorobenzene
 Concen: 51.76 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 157347
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.0 144.2
 145 29.9 14.9 44.9

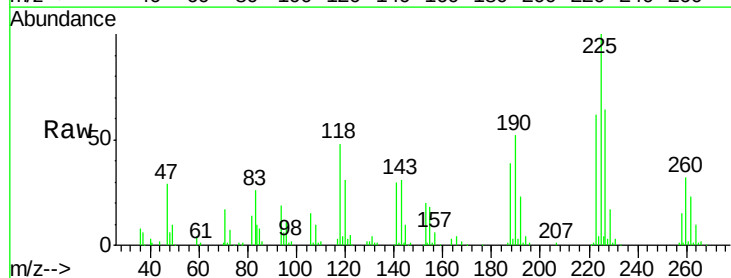


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

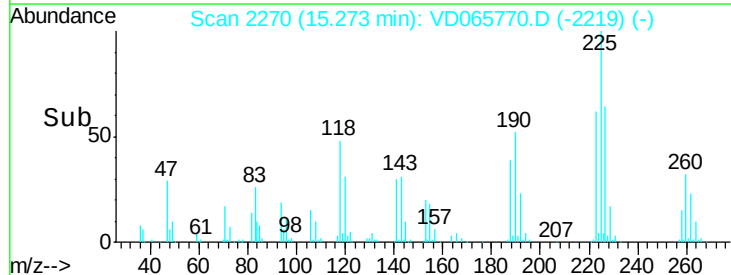
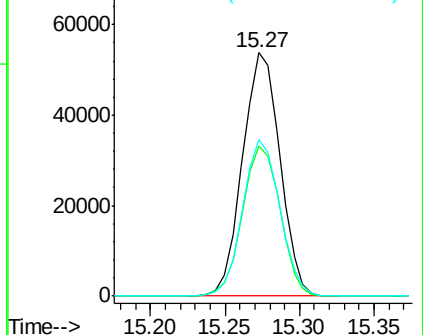


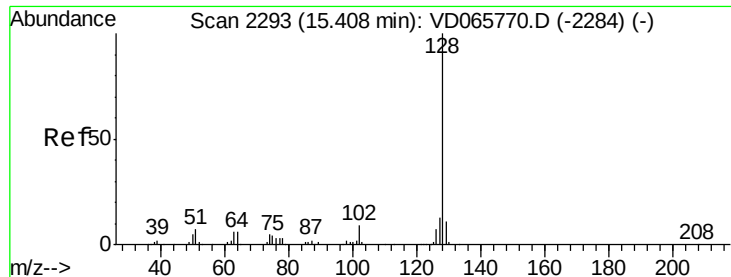
#94
 Hexachlorobutadiene
 Concen: 50.05 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD065770.D
 Acq: 05 Jun 2020 11:51

Tgt Ion:225 Resp: 93698
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.9 92.7
 227 63.8 31.9 95.7



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

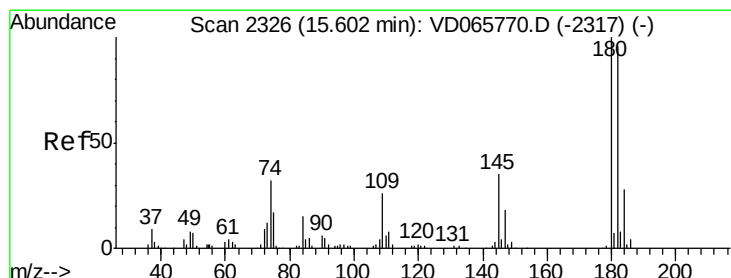
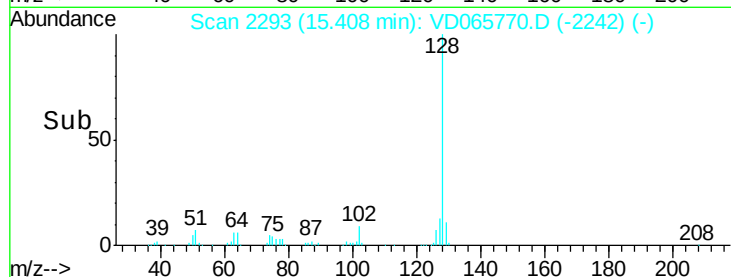
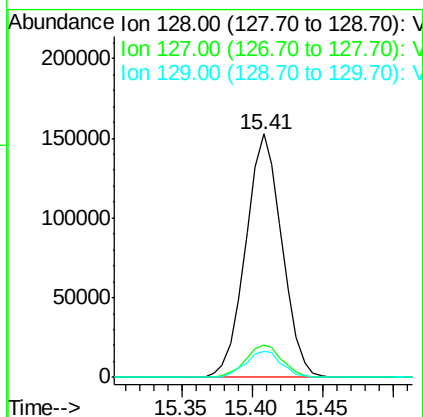
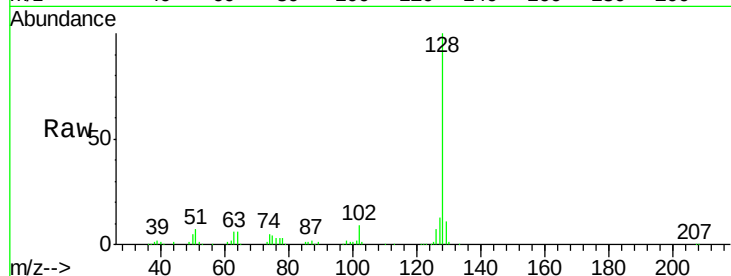




#95
Naphthalene
Concen: 54.10 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 274444
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.60 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD065770.D
Acq: 05 Jun 2020 11:51

Tgt Ion:180 Resp: 137460
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.2
145 32.4 16.2 48.6

