

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050720\
 Data File : VD065705.D
 Acq On : 07 May 2020 11:34
 Operator : VA/SY
 Sample : VD0507SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

Quant Time: May 08 06:00:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	430092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	644400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	564910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	272995	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	191813	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	
35) Dibromofluoromethane	7.91	113	200452	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.34	98	772471	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.64	95	260743	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.99	85	58146	17.24	ug/l	99
3) Chloromethane	2.21	50	87431	20.55	ug/l	99
4) Vinyl Chloride	2.34	62	89113	20.67	ug/l	92
5) Bromomethane	2.76	94	57487	21.13	ug/l	96
6) Chloroethane	2.91	64	58543	21.14	ug/l	95
7) Trichlorofluoromethane	3.27	101	131883	19.18	ug/l	98
8) Diethyl Ether	3.70	74	39298	18.24	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	81213	19.46	ug/l	98
10) Methyl Iodide	4.30	142	73149	17.87	ug/l	98
11) Tert butyl alcohol	5.22	59	34716	84.99	ug/l #	93
12) 1,1-Dichloroethene	4.06	96	80579	19.64	ug/l	93
13) Acrolein	3.92	56	33273	94.00	ug/l	97
14) Allyl chloride	4.71	41	144699	17.69	ug/l	96
15) Acrylonitrile	5.42	53	86396	85.30	ug/l	99
16) Acetone	4.16	43	79432	86.36	ug/l	97
17) Carbon Disulfide	4.40	76	257609	19.10	ug/l	96
18) Methyl Acetate	4.71	43	37584	16.43	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	182859	18.38	ug/l	98
20) Methylene Chloride	4.96	84	90665	19.57	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	91458	19.47	ug/l	96
22) Diisopropyl ether	6.36	45	278989	18.34	ug/l	96
23) Vinyl Acetate	6.30	43	805911	87.74	ug/l	98
24) 1,1-Dichloroethane	6.26	63	154704	18.57	ug/l	98
25) 2-Butanone	7.21	43	117418	86.06	ug/l	95
26) 2,2-Dichloropropane	7.20	77	145783	19.44	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	100415	19.70	ug/l	95
28) Bromochloromethane	7.54	49	60432	17.39	ug/l	94
29) Tetrahydrofuran	7.57	42	72899	82.90	ug/l	96
30) Chloroform	7.71	83	152969	19.08	ug/l	95
31) Cyclohexane	7.98	56	159713	18.53	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	142019	19.11	ug/l	100
36) 1,1-Dichloropropene	8.11	75	127947	19.99	ug/l	98
37) Ethyl Acetate	7.29	43	51872	16.83	ug/l	97
38) Carbon Tetrachloride	8.10	117	129849	20.46	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	161971	20.16	ug/l	98
40) Benzene	8.35	78	350551	20.06	ug/l	100
41) Methacrylonitrile	7.56	41	71472	40.21	ug/l #	20
42) 1,2-Dichloroethane	8.43	62	96949	19.28	ug/l	100
43) Isopropyl Acetate	8.46	43	108473	17.60	ug/l	98
44) Trichloroethene	9.11	130	101722	21.12	ug/l	99
45) 1,2-Dichloropropane	9.39	63	86881	19.22	ug/l	95
46) Dibromomethane	9.48	93	44275	19.53	ug/l	97
47) Bromodichloromethane	9.66	83	119678	19.74	ug/l	99
48) Methyl methacrylate	9.46	41	54653	17.71	ug/l	96
49) 1,4-Dioxane	9.47	88	10202	367.09	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	262492	88.39	ug/l	98
52) Toluene	10.41	92	229870	20.80	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	118853	19.35	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	142048	19.63	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	61421	20.10	ug/l	98
56) Ethyl methacrylate	10.66	69	80983	18.35	ug/l	98
57) 1,3-Dichloropropane	10.95	76	106547	19.39	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	188372	92.98	ug/l	97
59) 2-Hexanone	10.98	43	182319	89.26	ug/l	100
60) Dibromochloromethane	11.14	129	81617	19.88	ug/l	99
61) 1,2-Dibromoethane	11.25	107	60928	19.81	ug/l	98
64) Tetrachloroethene	10.88	164	86537	21.53	ug/l	98
65) Chlorobenzene	11.67	112	235867	20.72	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	89232	21.03	ug/l	99
67) Ethyl Benzene	11.75	91	437716	20.62	ug/l	99
68) m/p-Xylenes	11.86	106	334082	42.21	ug/l	96
69) o-Xylene	12.18	106	153331	20.76	ug/l	97
70) Styrene	12.20	104	262620	20.68	ug/l	100
71) Bromoform	12.37	173	47891	20.06	ug/l #	98
73) Isopropylbenzene	12.48	105	418883	20.25	ug/l	99
74) N-amyl acetate	12.29	43	103879	17.59	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	64835	18.69	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	90136	39.09	ug/l #	100
77) Bromobenzene	12.77	156	98929	20.86	ug/l	95
78) n-propylbenzene	12.83	91	501335	20.58	ug/l	99
79) 2-Chlorotoluene	12.91	91	273552	19.88	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	347981	20.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	24459	18.78	ug/l	97
82) 4-Chlorotoluene	13.01	91	282661	19.63	ug/l	98
83) tert-Butylbenzene	13.23	119	301164	20.83	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	344038	20.34	ug/l	98
85) sec-Butylbenzene	13.41	105	420788	20.75	ug/l	100
86) p-Isopropyltoluene	13.53	119	382585	20.71	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	186213	20.89	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	183483	20.86	ug/l	98
89) n-Butylbenzene	13.85	91	361138	20.17	ug/l	99
90) Hexachloroethane	14.12	117	76001	20.65	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	160591	20.88	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	9547	16.38	ug/l	84

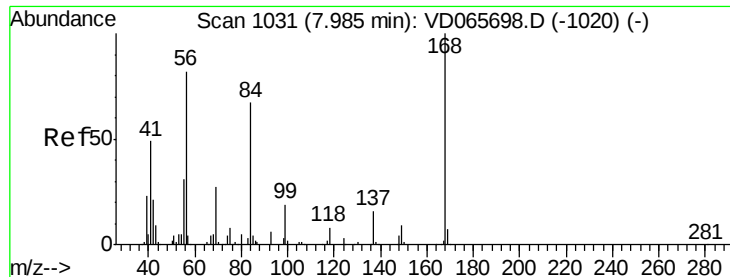
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050720\
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Quant Title : SW846 8260
QLast Update : Wed May 06 17:01:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	118536	20.54	ug/l	99
94) Hexachlorobutadiene	15.28	225	70719	21.14	ug/l	98
95) Naphthalene	15.41	128	197932	19.51	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	99792	20.33	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

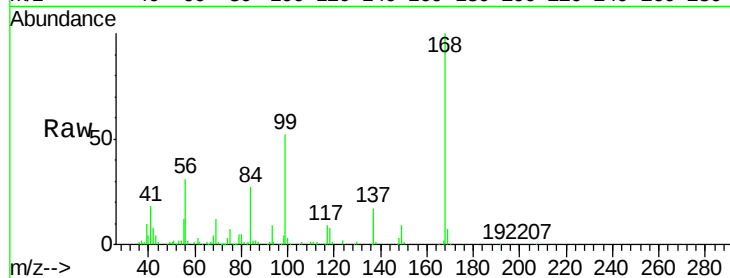
VD0507SBS01

Tgt Ion:168 Resp: 430092

Ion Ratio Lower Upper

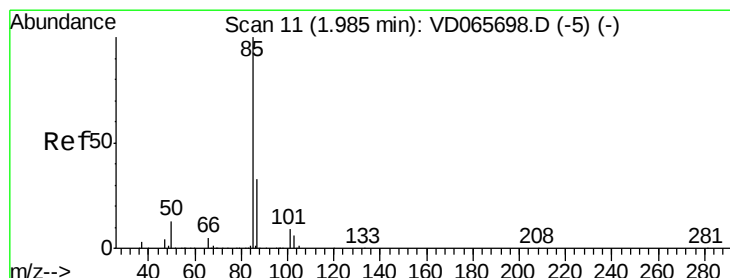
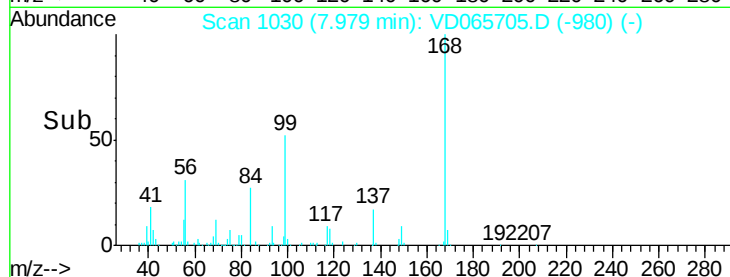
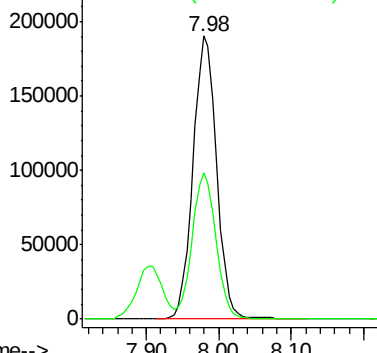
168 100

99 51.4 44.2 66.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 17.24 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065705.D

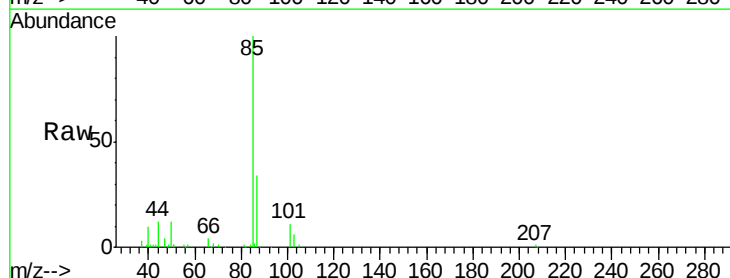
Acq: 07 May 2020 11:34

Tgt Ion: 85 Resp: 58146

Ion Ratio Lower Upper

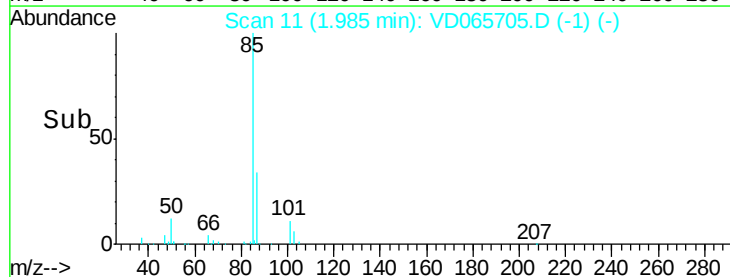
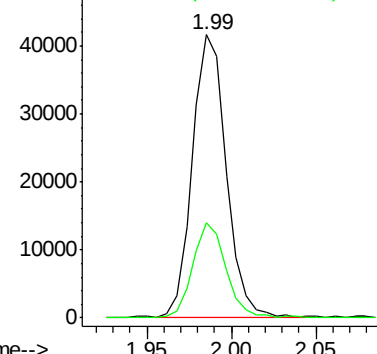
85 100

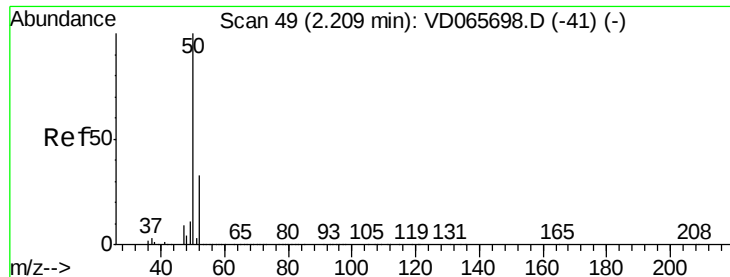
87 33.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.55 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

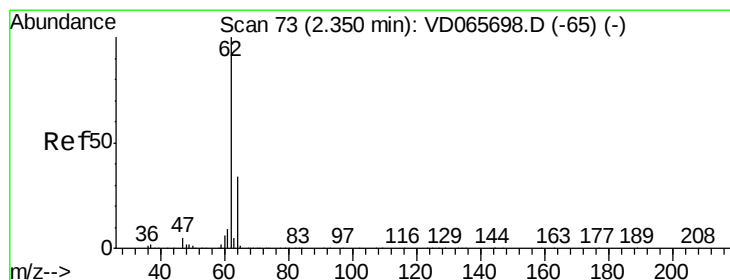
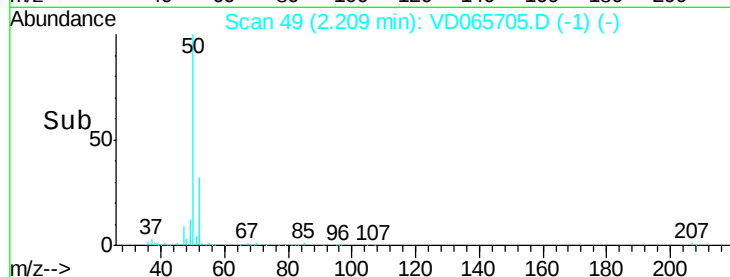
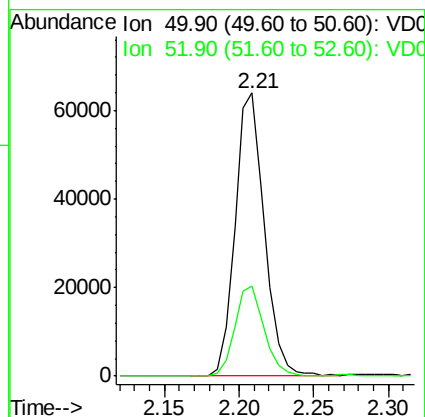
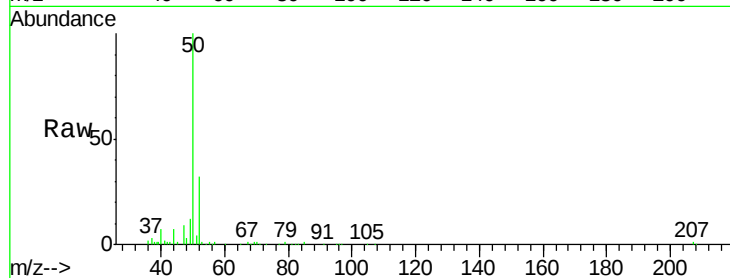
VD0507SBS01

Tgt Ion: 50 Resp: 87431

Ion Ratio Lower Upper

50 100

52 31.9 26.1 39.1



#4

Vinyl Chloride

Concen: 20.67 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD065705.D

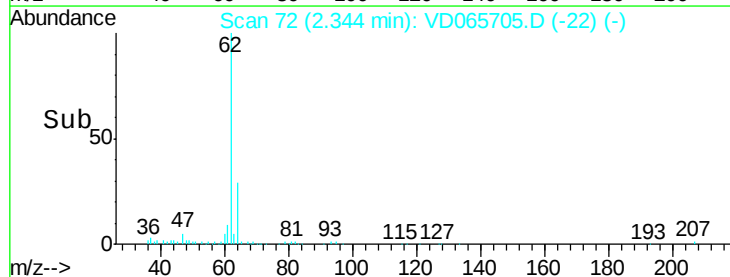
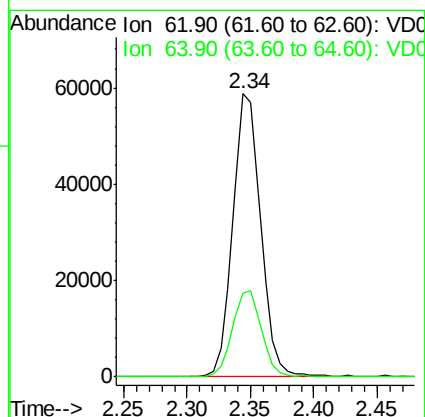
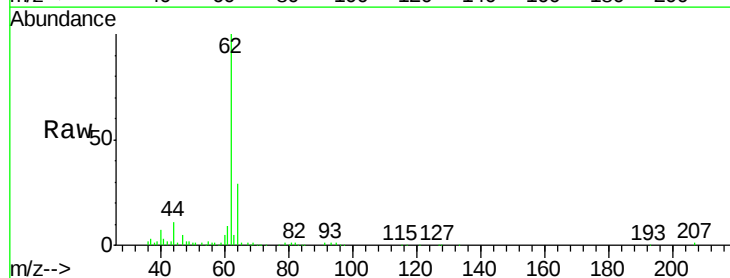
Acq: 07 May 2020 11:34

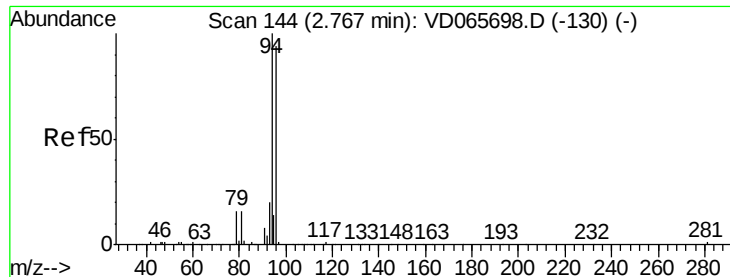
Tgt Ion: 62 Resp: 89113

Ion Ratio Lower Upper

62 100

64 29.5 27.2 40.8





#5

Bromomethane

Concen: 21.13 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

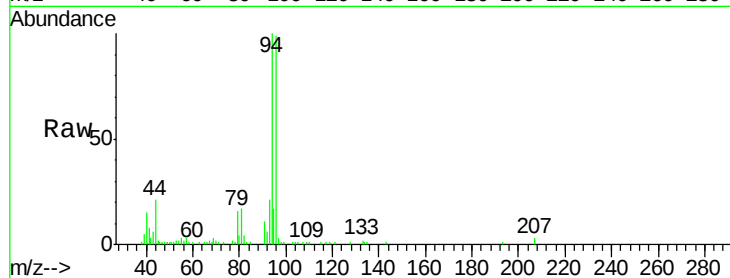
VD0507SBS01

Tgt Ion: 94 Resp: 57487

Ion Ratio Lower Upper

94 100

96 98.0 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

25000

20000

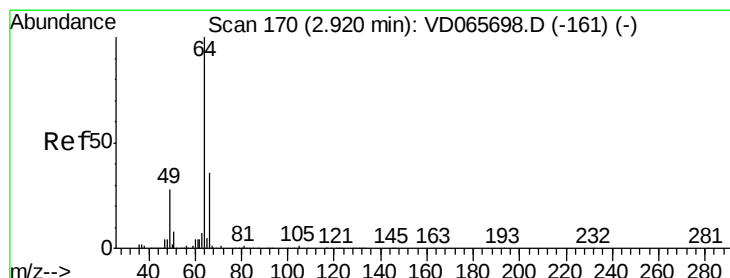
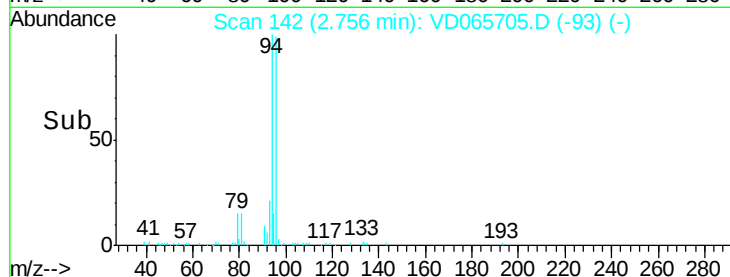
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 21.14 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065705.D

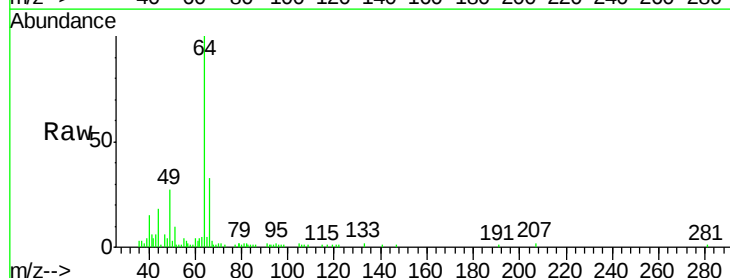
Acq: 07 May 2020 11:34

Tgt Ion: 64 Resp: 58543

Ion Ratio Lower Upper

64 100

66 32.7 28.5 42.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.91

30000

25000

20000

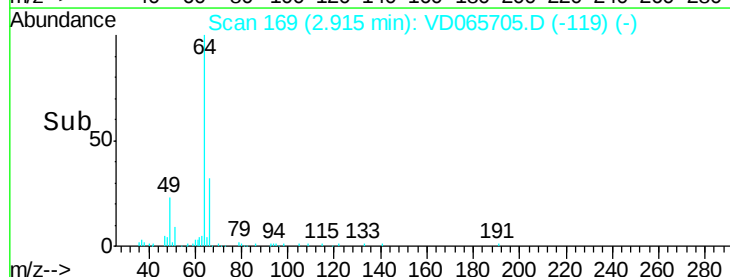
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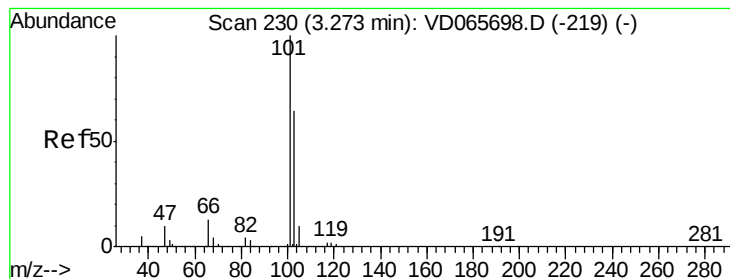
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5000

0

Time-->



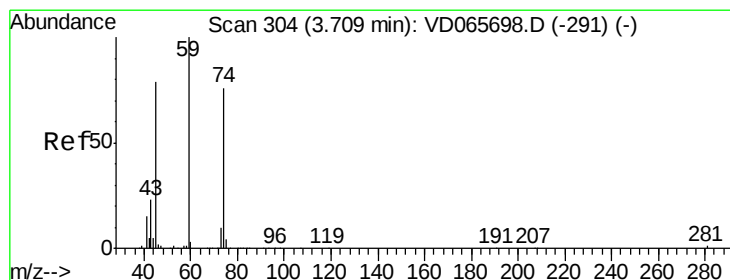
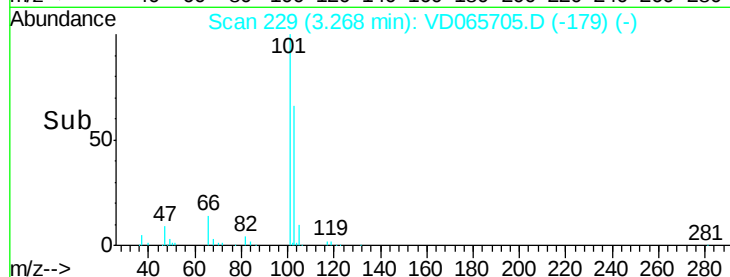
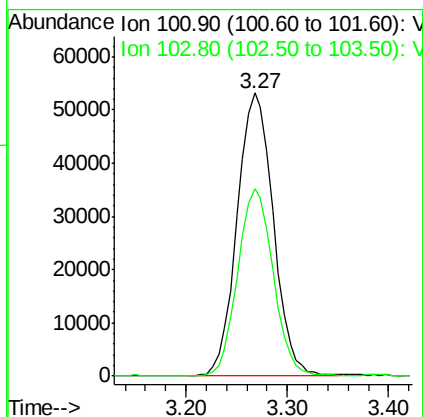
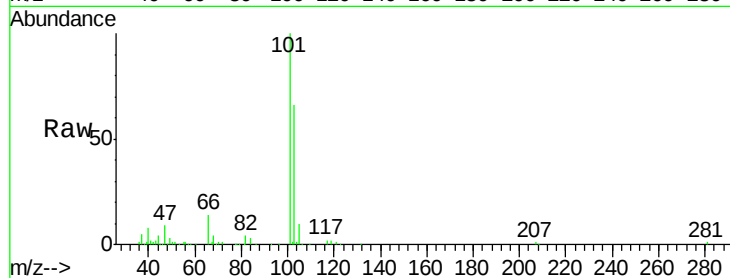


#7

Trichlorofluoromethane
 Concen: 19.18 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

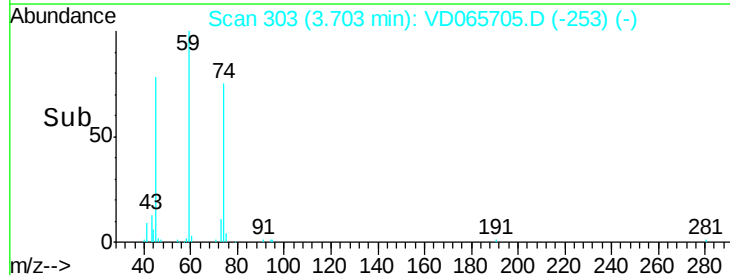
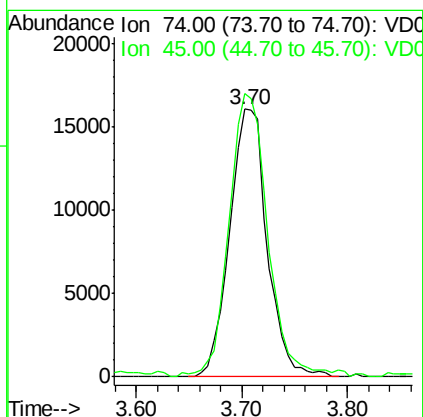
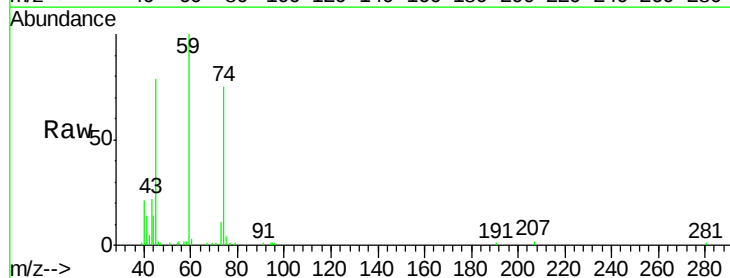
Tgt Ion: 101 Resp: 131883
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.1 76.7

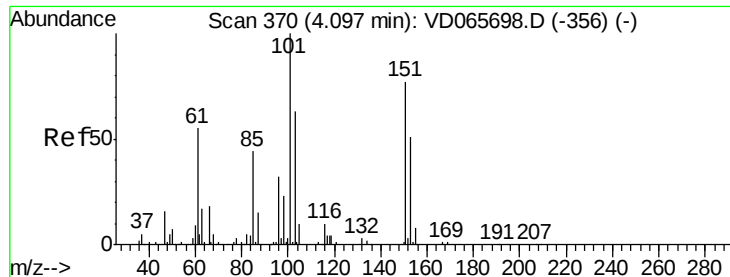


#8

Diethyl Ether
 Concen: 18.24 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

Tgt Ion: 74 Resp: 39298
 Ion Ratio Lower Upper
 74 100
 45 110.0 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.46 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBS01

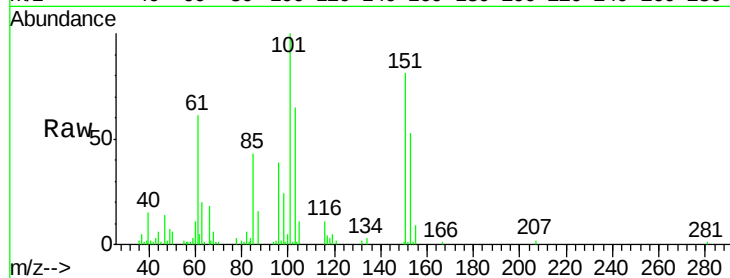
Tgt Ion:101 Resp: 81213

Ion Ratio Lower Upper

101 100

85 44.6 34.4 51.6

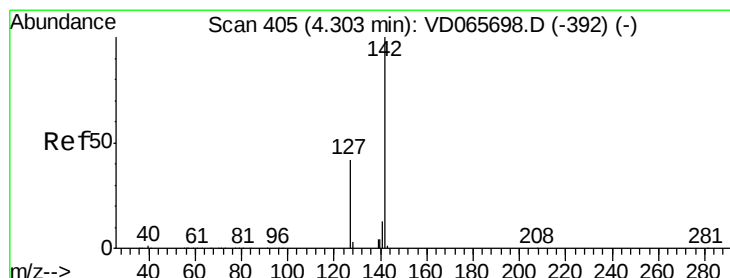
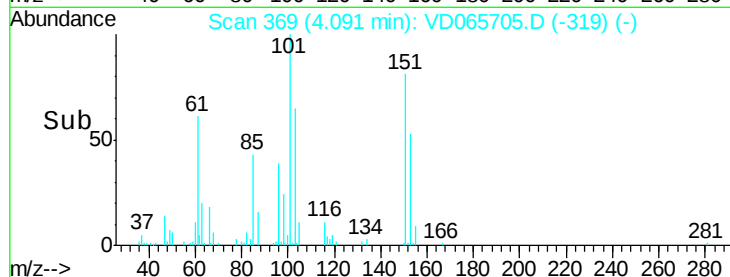
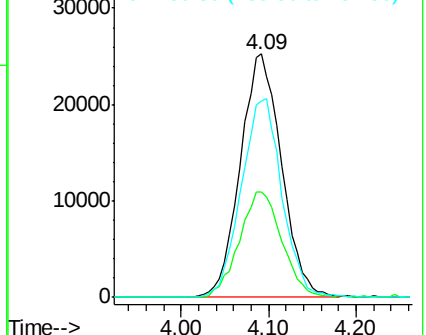
151 80.8 63.0 94.4



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: 17.87 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

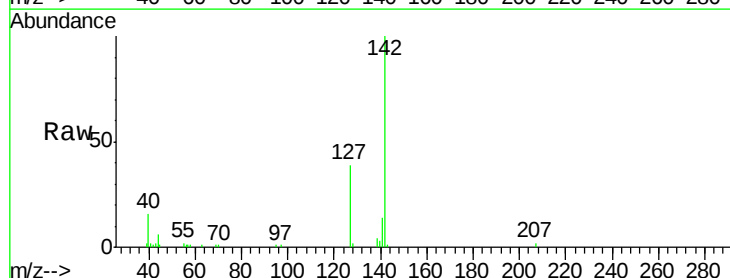
Tgt Ion:142 Resp: 73149

Ion Ratio Lower Upper

142 100

127 41.6 34.5 51.7

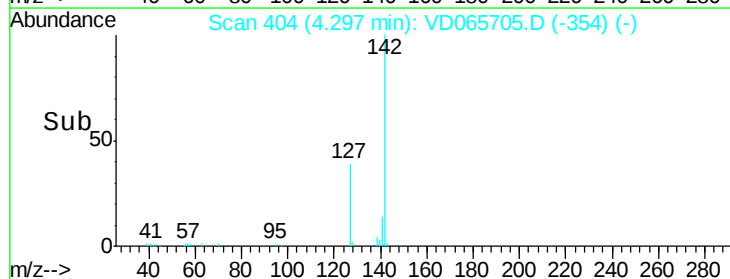
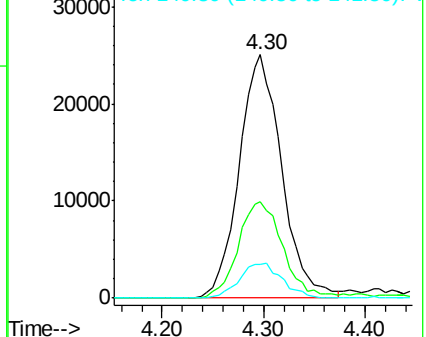
141 14.4 11.6 17.4

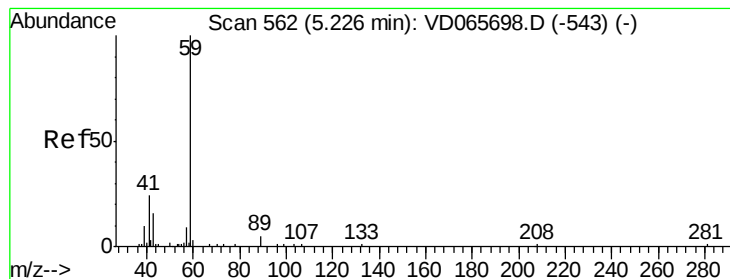


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



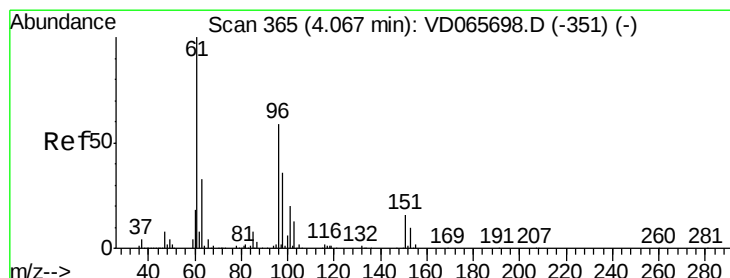
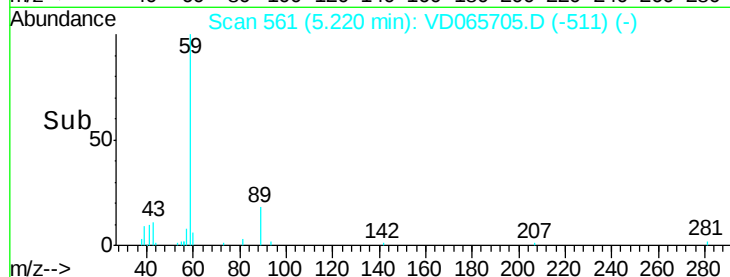
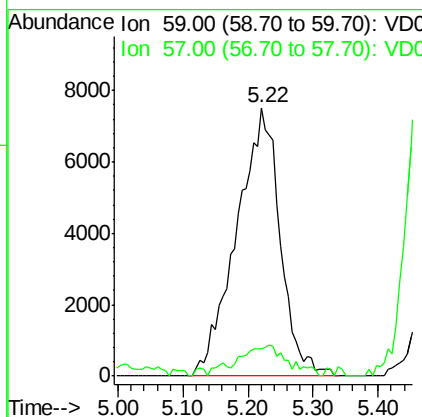
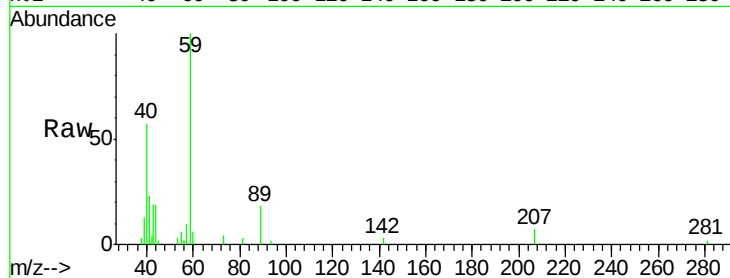


#11

Tert butyl alcohol
Concen: 84.99 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

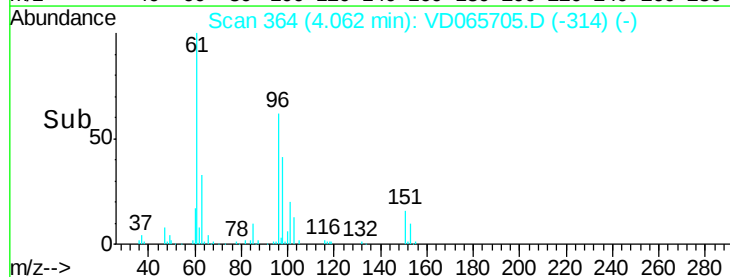
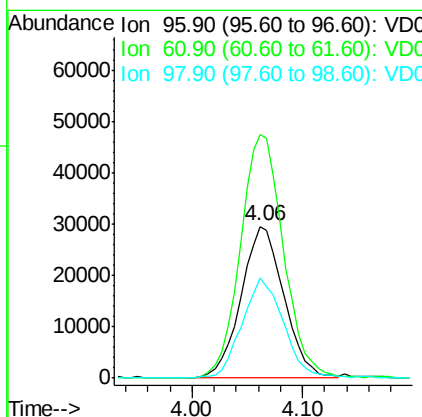
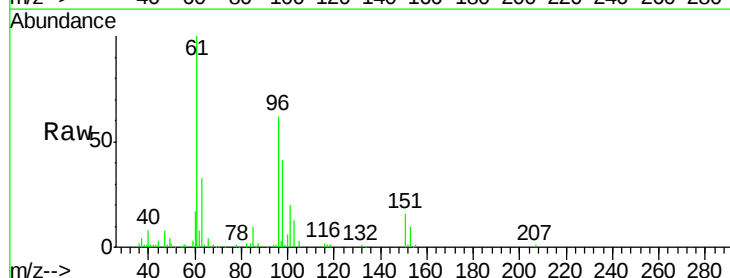
Tgt Ion: 59 Resp: 34716
Ion Ratio Lower Upper
59 100
57 8.3 8.7 13.1#

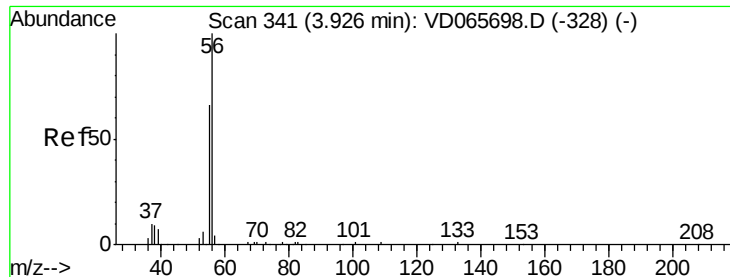


#12

1,1-Dichloroethene
Concen: 19.64 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion: 96 Resp: 80579
Ion Ratio Lower Upper
96 100
61 160.1 136.0 204.0
98 66.0 49.7 74.5





#13

Acrolein

Concen: 94.00 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

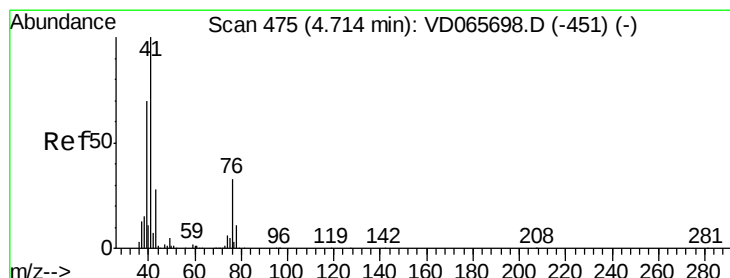
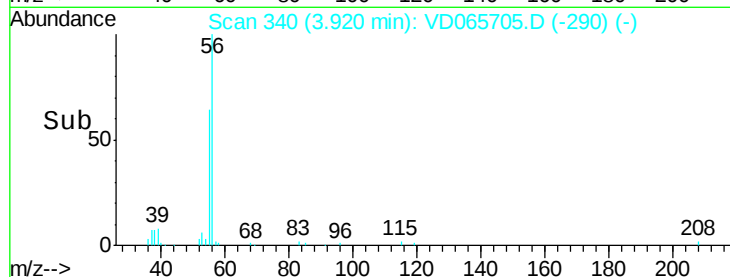
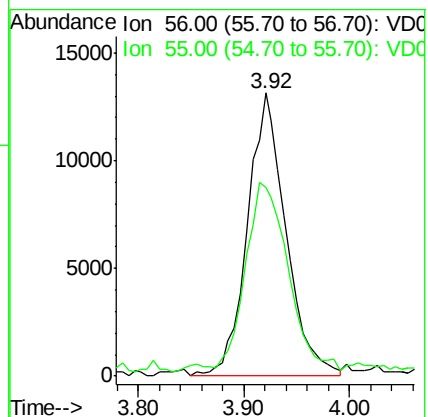
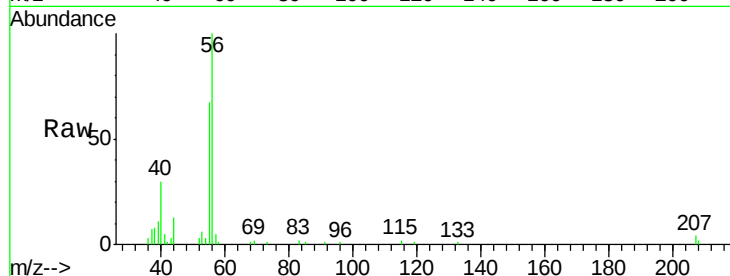
VD0507SBS01

Tgt Ion: 56 Resp: 33273

Ion Ratio Lower Upper

56 100

55 73.1 56.7 85.1



#14

Allyl chloride

Concen: 17.69 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

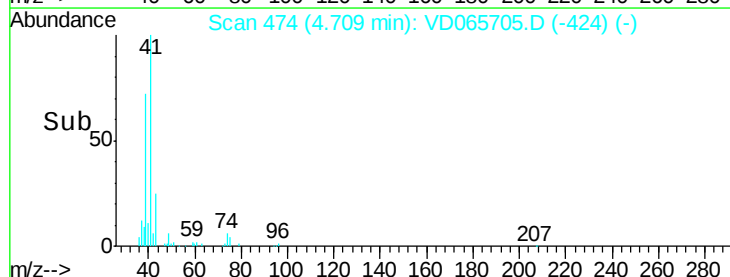
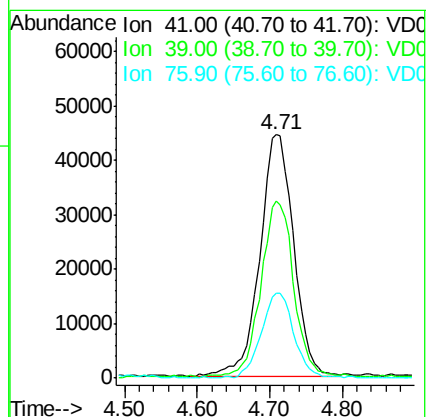
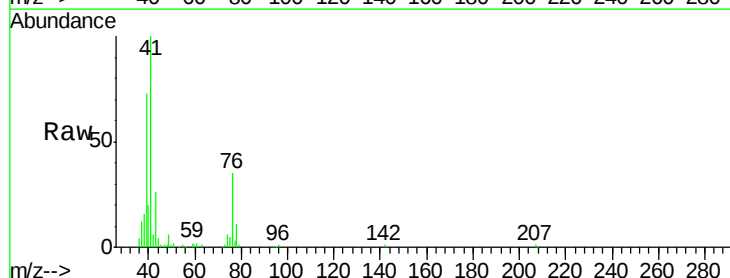
Tgt Ion: 41 Resp: 144699

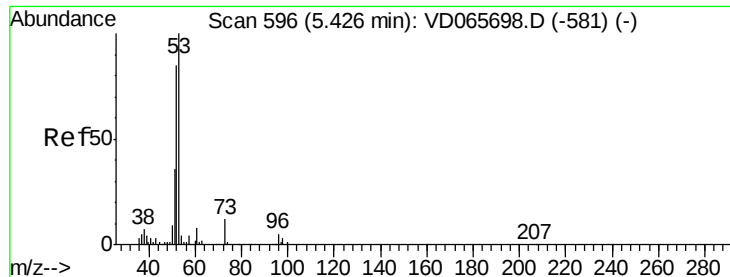
Ion Ratio Lower Upper

41 100

39 73.0 55.6 83.4

76 34.4 25.6 38.4





#15

Acrylonitrile

Concen: 85.30 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBS01

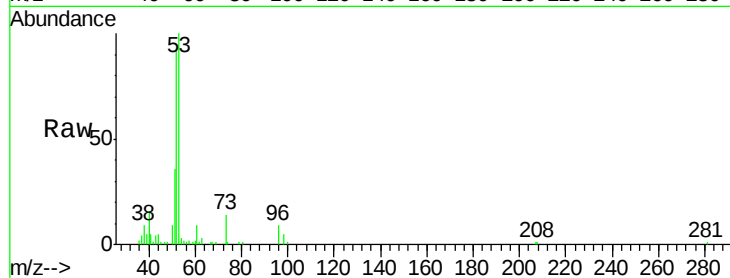
Tgt Ion: 53 Resp: 86396

Ion Ratio Lower Upper

53 100

52 84.3 66.2 99.2

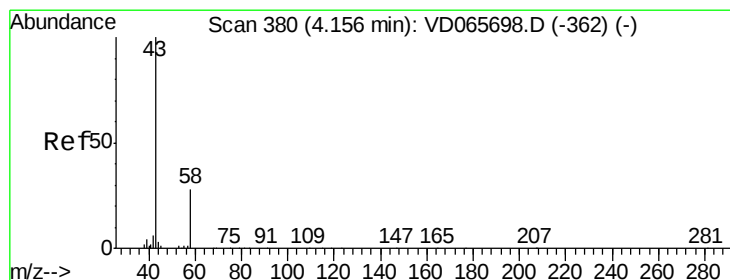
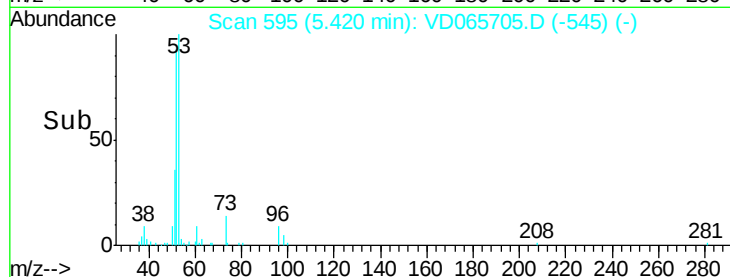
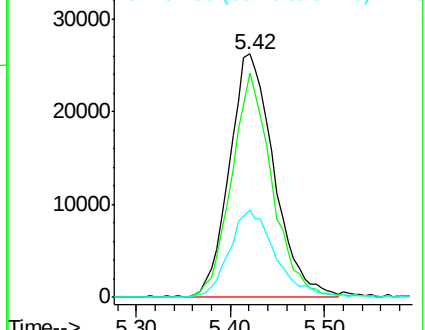
51 36.9 29.9 44.9



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: 86.36 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065705.D

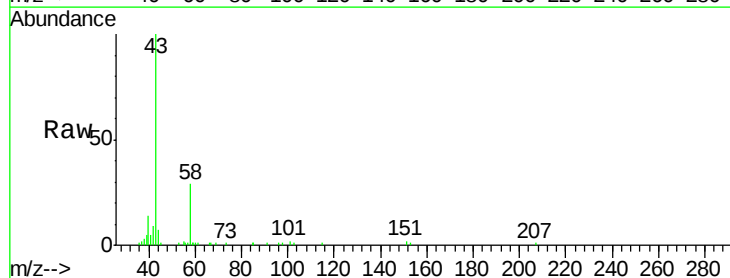
Acq: 07 May 2020 11:34

Tgt Ion: 43 Resp: 79432

Ion Ratio Lower Upper

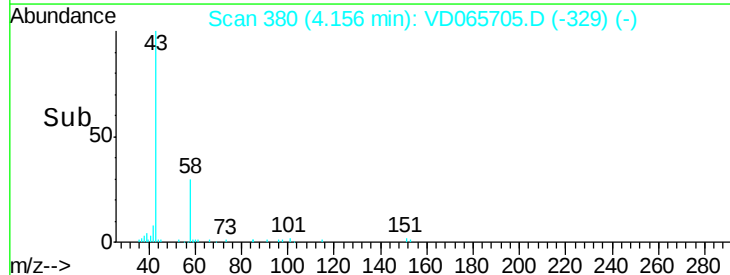
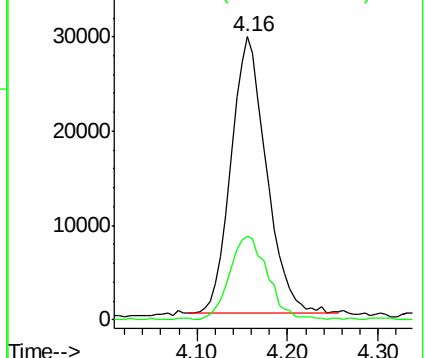
43 100

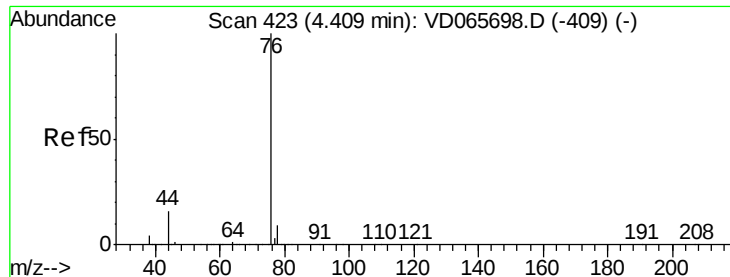
58 29.5 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

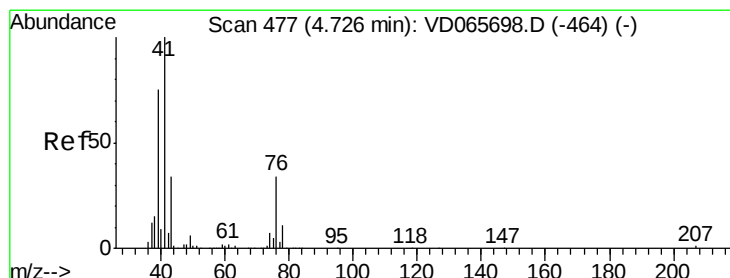
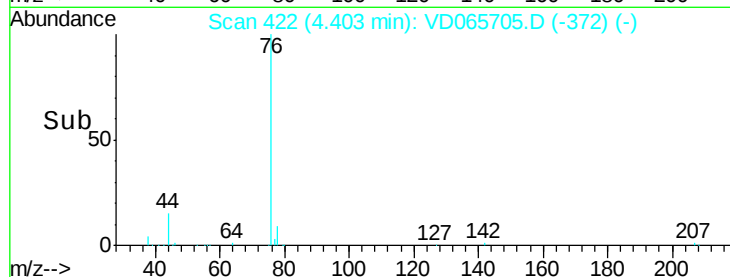
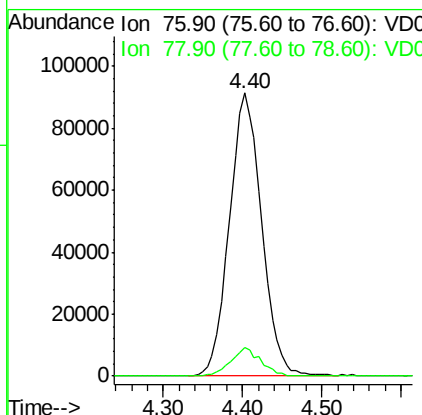
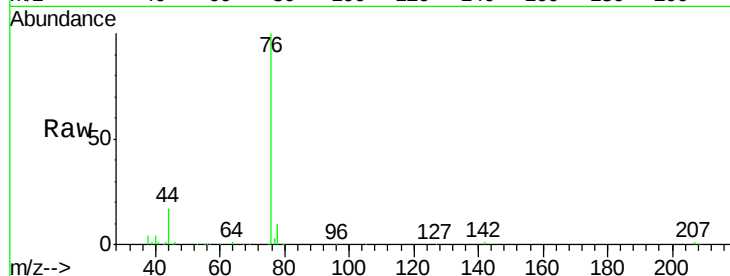




#17
Carbon Disulfide
Concen: 19.10 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

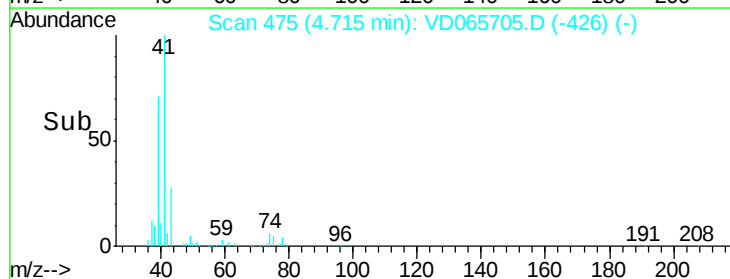
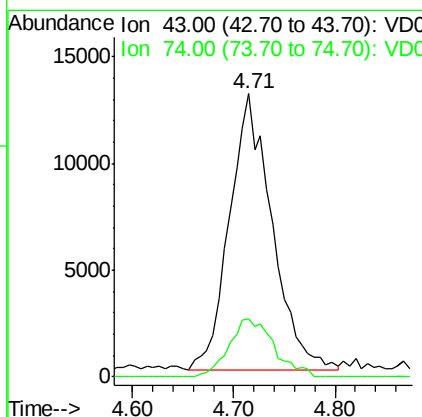
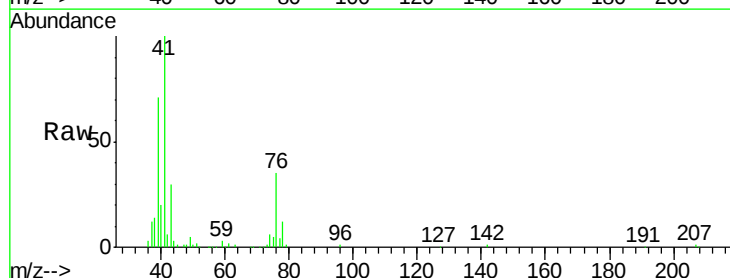
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

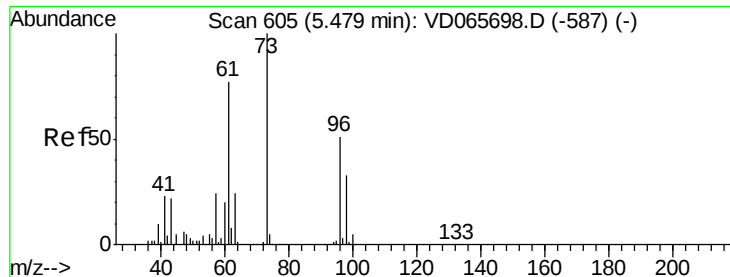
Tgt Ion: 76 Resp: 257609
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2



#18
Methyl Acetate
Concen: 16.43 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion: 43 Resp: 37584
Ion Ratio Lower Upper
43 100
74 22.3 17.1 25.7

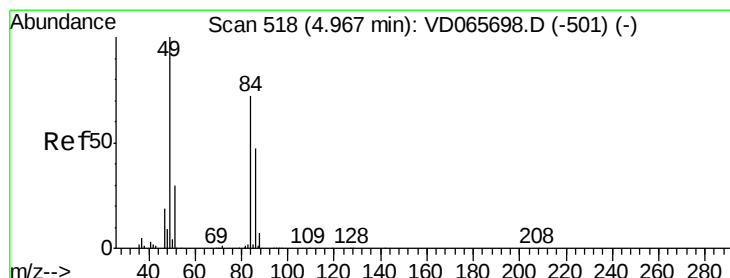
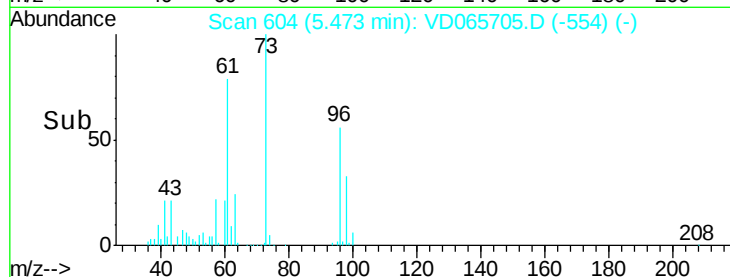
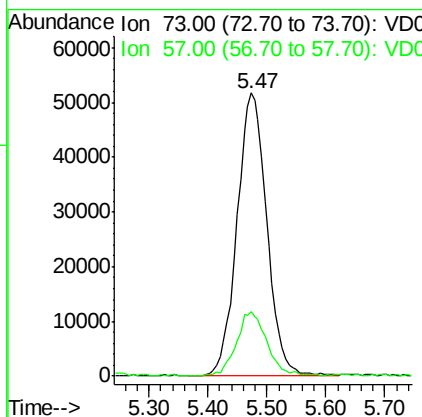
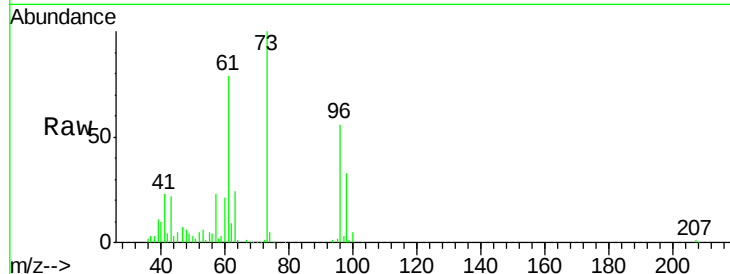




#19
Methyl tert-butyl Ether
Concen: 18.38 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

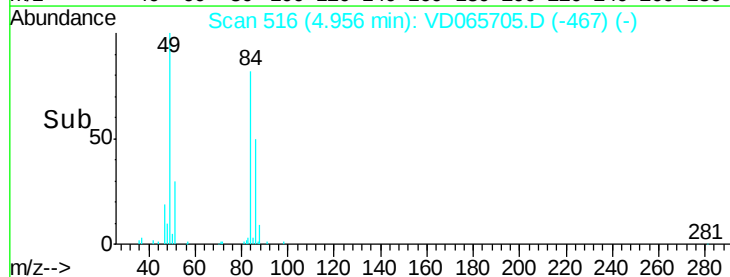
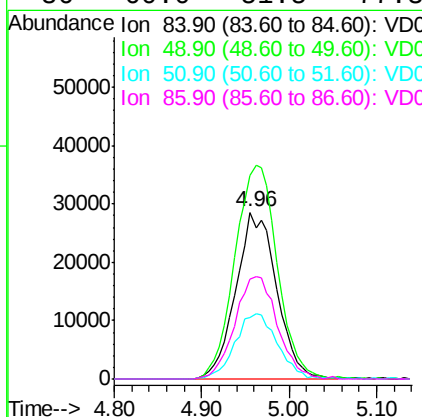
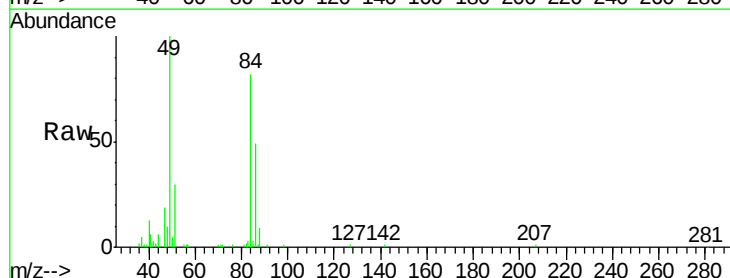
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

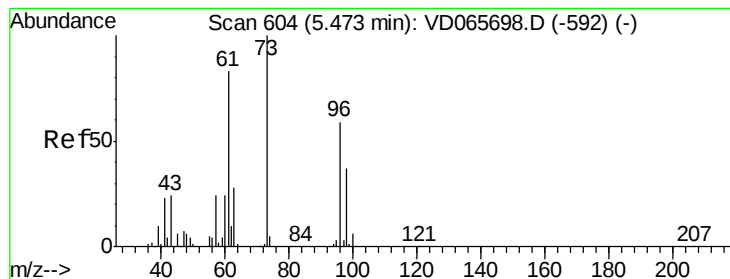
Tgt Ion: 73 Resp: 182859
Ion Ratio Lower Upper
73 100
57 23.0 19.4 29.0



#20
Methylene Chloride
Concen: 19.57 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion: 84 Resp: 90665
Ion Ratio Lower Upper
84 100
49 121.8 110.4 165.6
51 36.8 33.4 50.2
86 60.0 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 19.47 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBS01

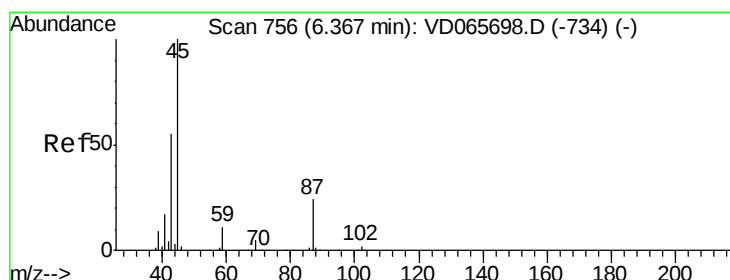
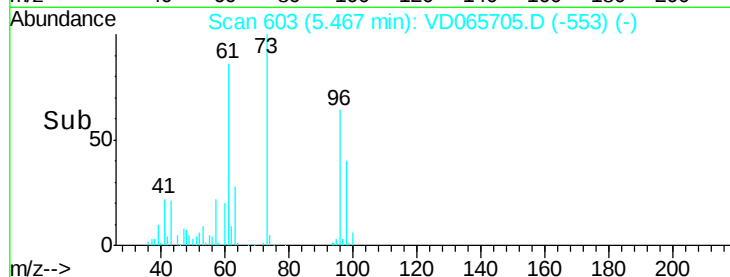
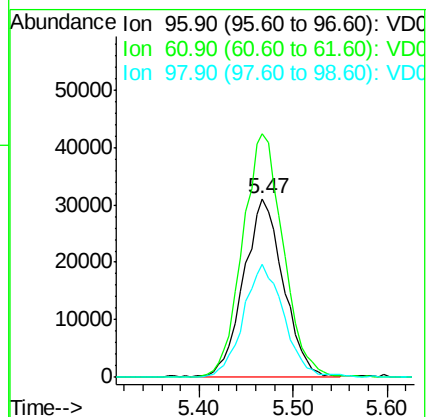
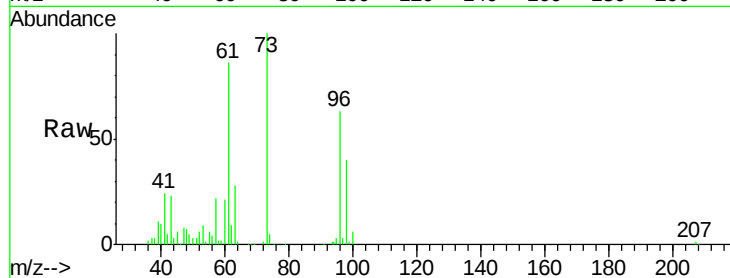
Tgt Ion: 96 Resp: 91458

Ion Ratio Lower Upper

96 100

61 136.1 113.0 169.4

98 63.5 49.5 74.3



#22

Diisopropyl ether

Concen: 18.34 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Tgt Ion: 45 Resp: 278989

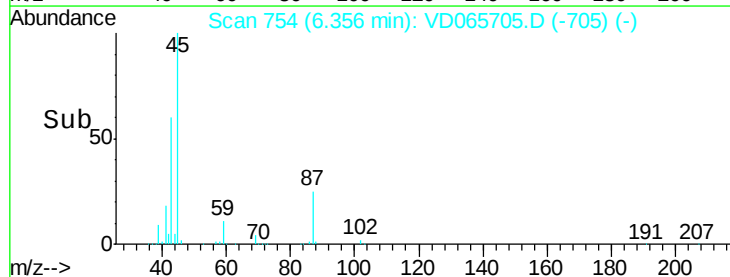
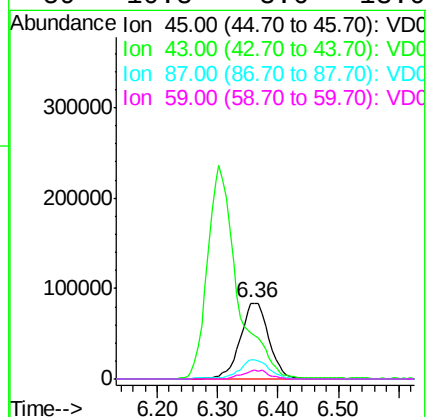
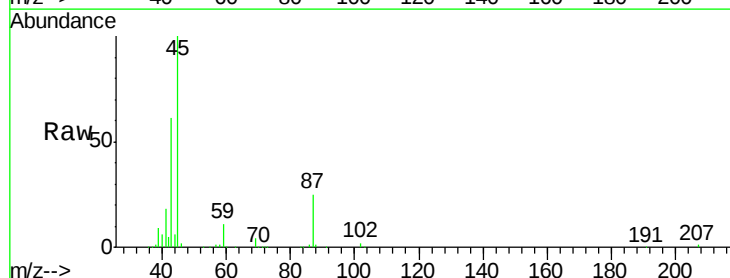
Ion Ratio Lower Upper

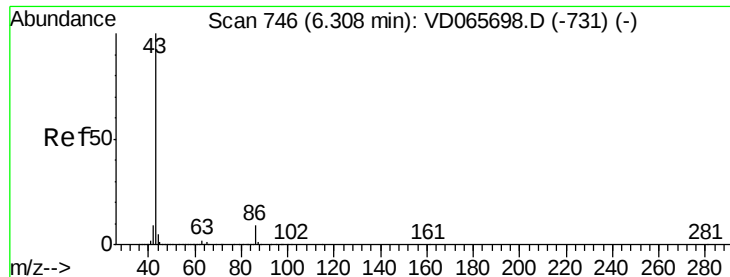
45 100

43 59.3 44.2 66.4

87 25.5 19.0 28.4

59 10.8 8.6 13.0

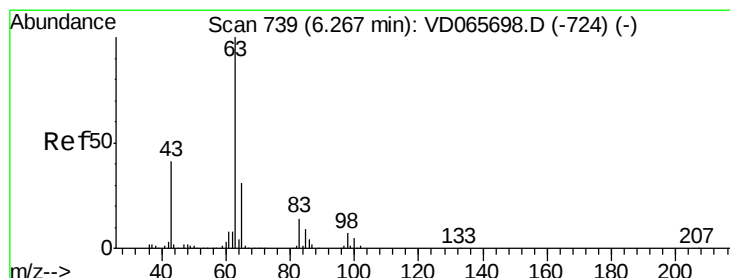
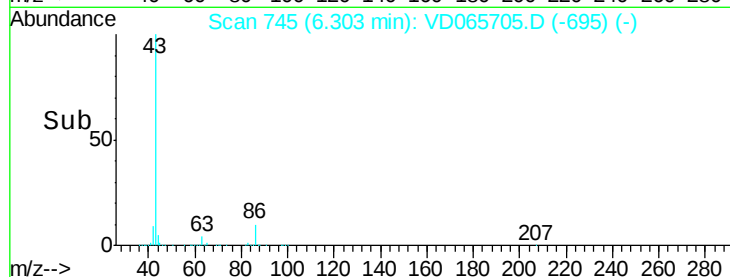
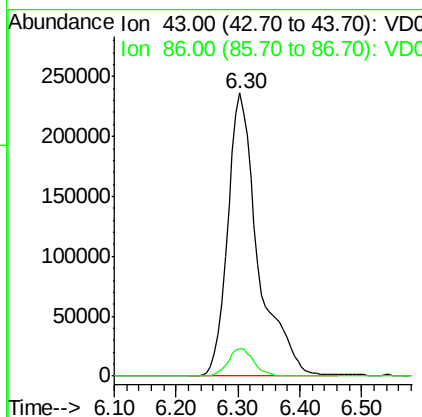
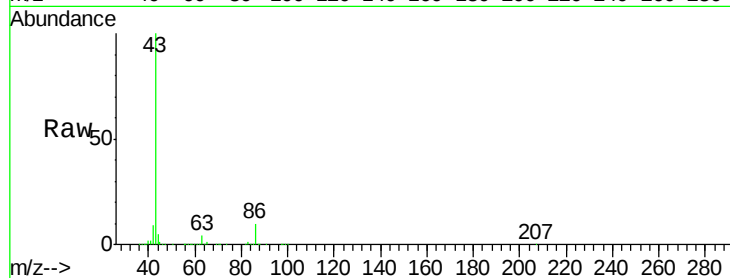




#23
 Vinyl Acetate
 Concen: 87.74 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

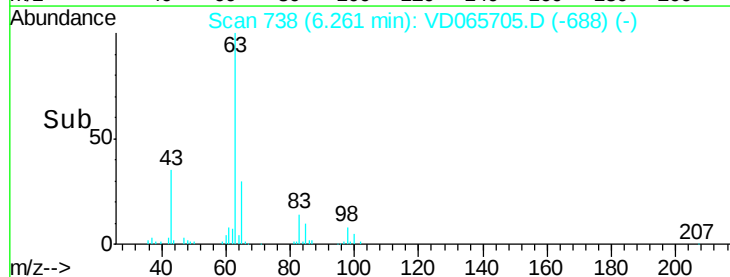
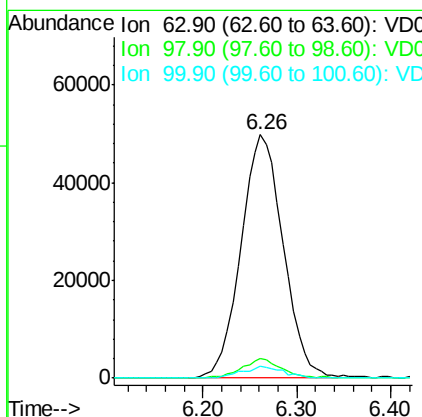
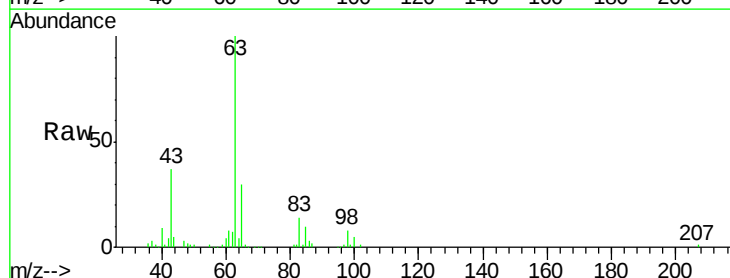
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

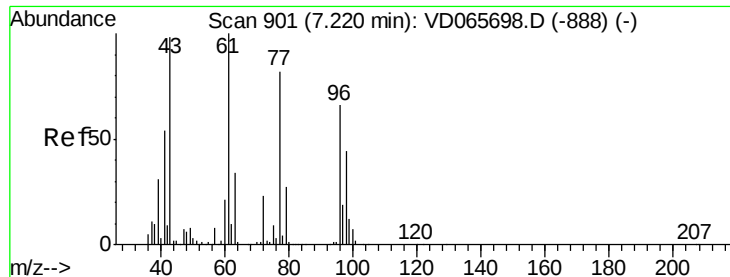
Tgt Ion: 43 Resp: 805911
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 18.57 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

Tgt Ion: 63 Resp: 154704
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.4 10.2
 100 4.8 2.3 6.9

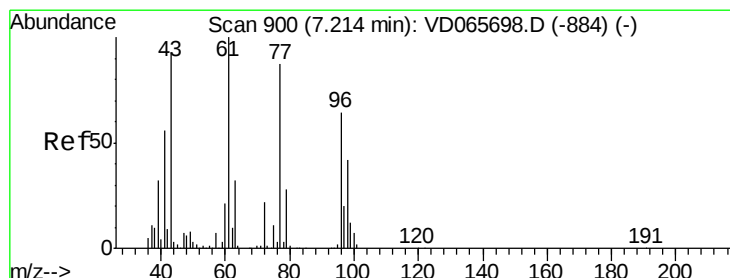
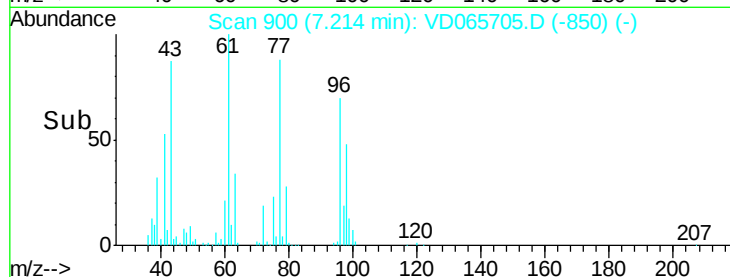
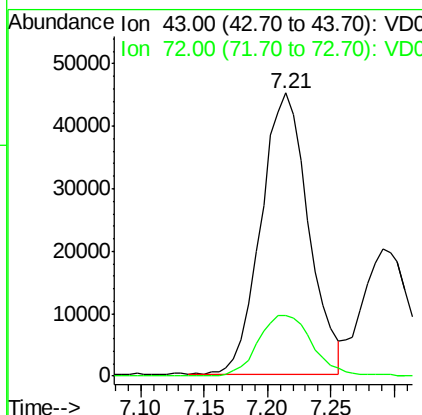
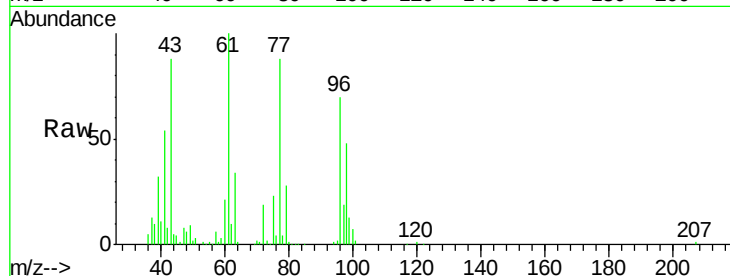




#25
2-Butanone
Concen: 86.06 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

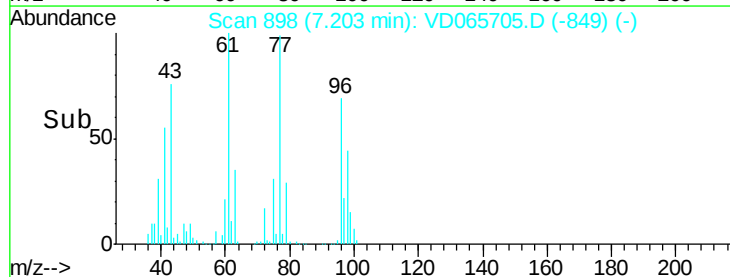
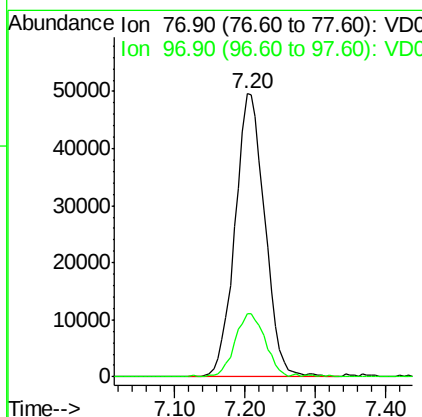
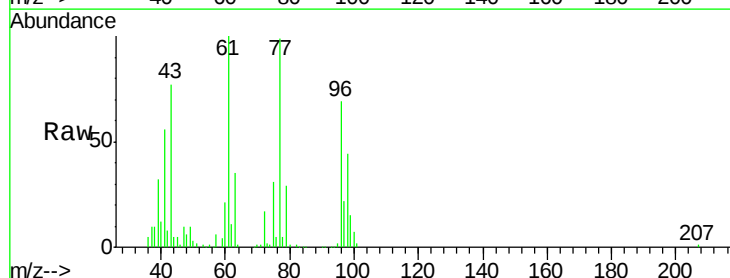
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

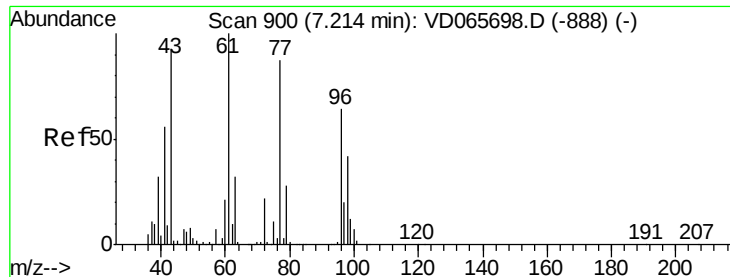
Tgt Ion: 43 Resp: 117418
Ion Ratio Lower Upper
43 100
72 21.7 19.2 28.8



#26
2,2-Dichloropropane
Concen: 19.44 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion: 77 Resp: 145783
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 19.70 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBS01

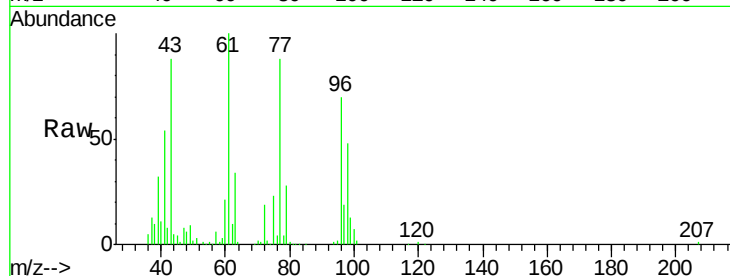
Tgt Ion: 96 Resp: 100415

Ion Ratio Lower Upper

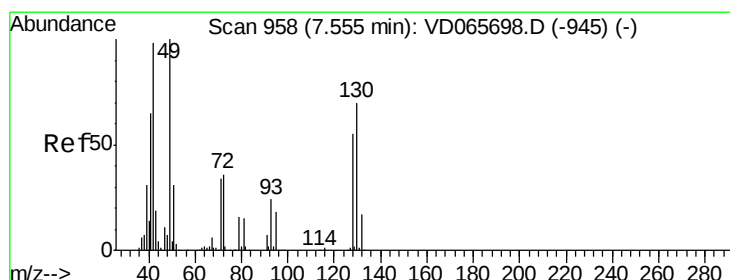
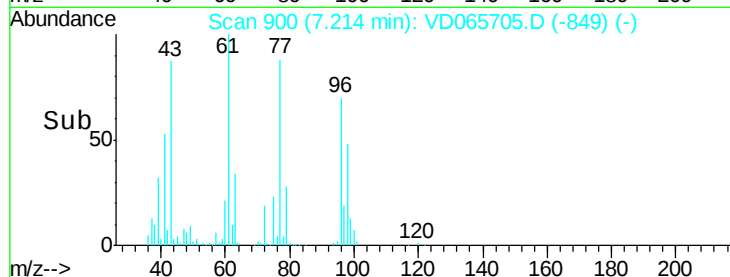
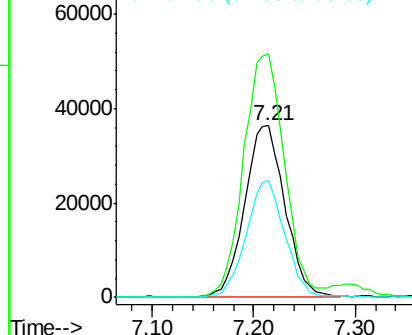
96 100

61 144.8 0.0 306.6

98 65.7 0.0 129.4



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: 17.39 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

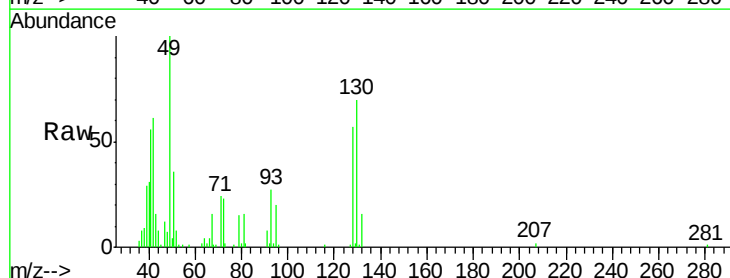
Tgt Ion: 49 Resp: 60432

Ion Ratio Lower Upper

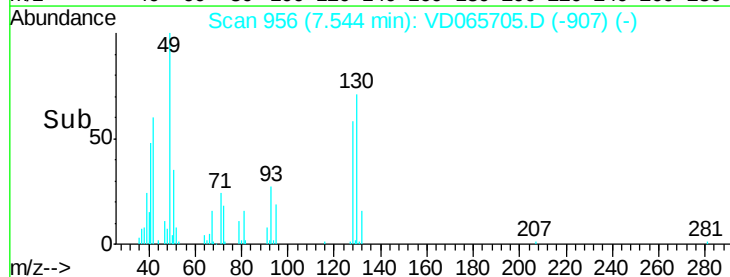
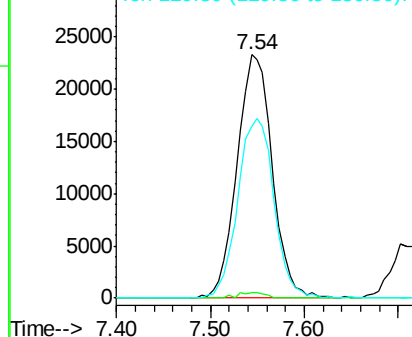
49 100

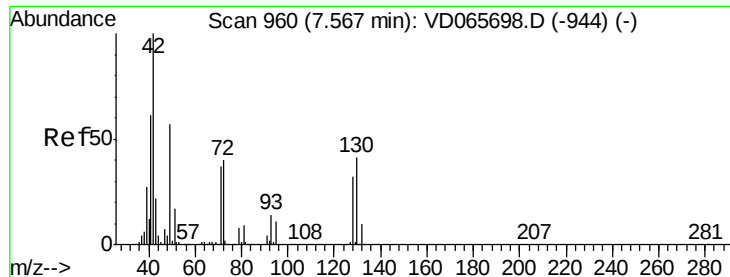
129 1.7 0.0 3.8

130 75.8 56.4 84.6



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





#29

Tetrahydrofuran

Concen: 82.90 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBS01

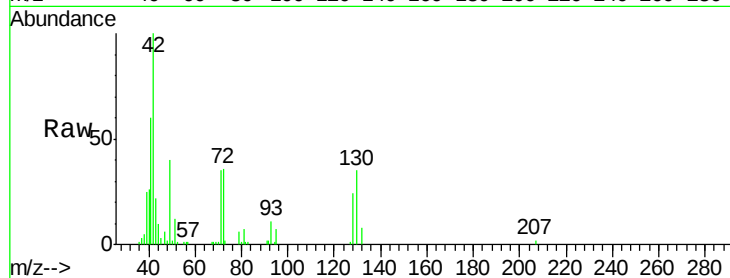
Tgt Ion: 42 Resp: 72899

Ion Ratio Lower Upper

42 100

72 38.9 30.4 45.6

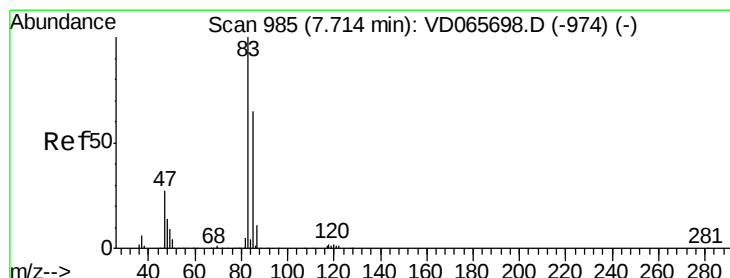
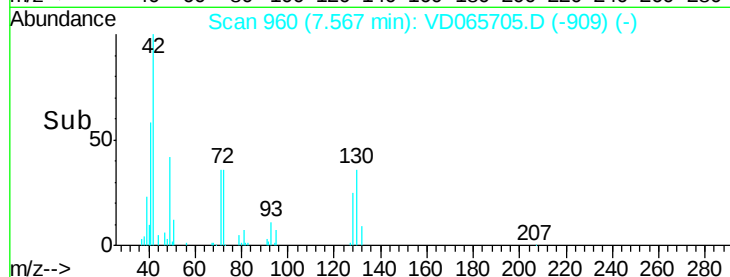
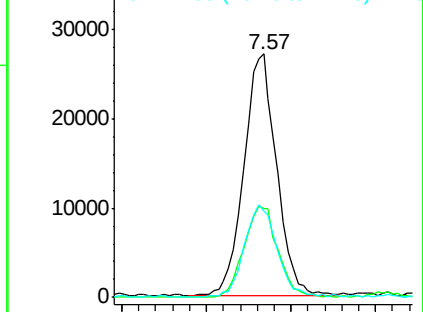
71 38.3 28.0 42.0



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 19.08 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD065705.D

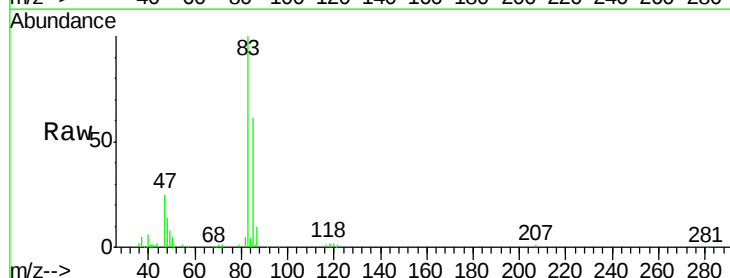
Acq: 07 May 2020 11:34

Tgt Ion: 83 Resp: 152969

Ion Ratio Lower Upper

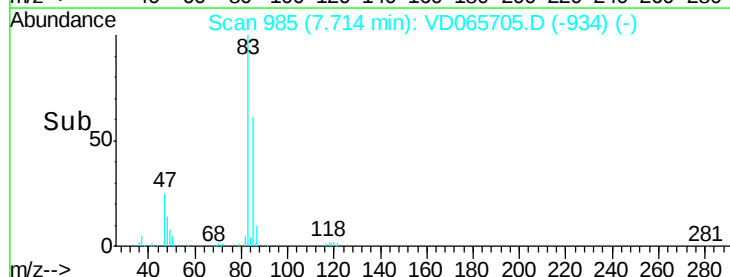
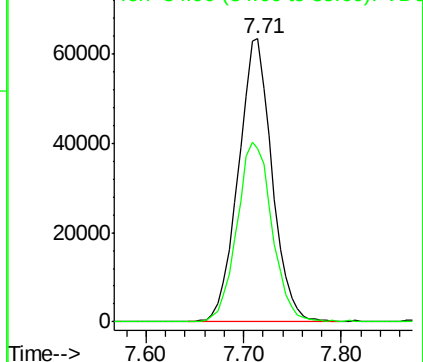
83 100

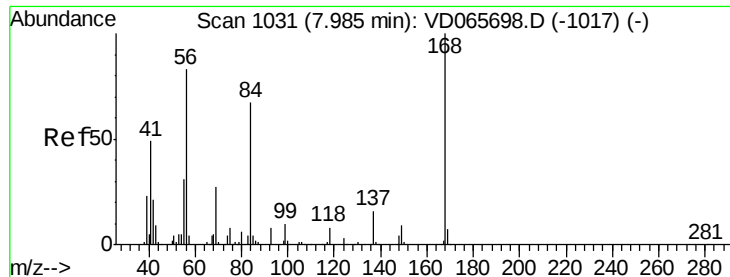
85 61.3 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

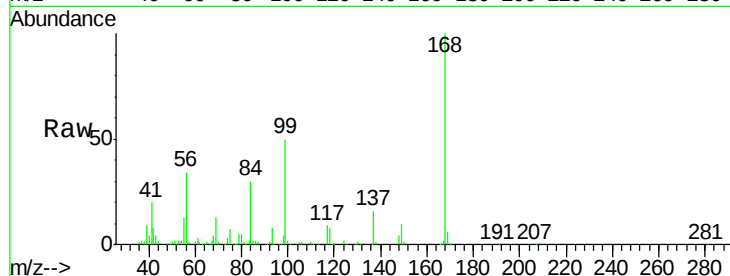




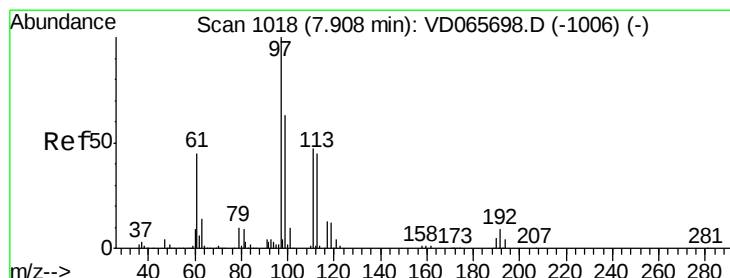
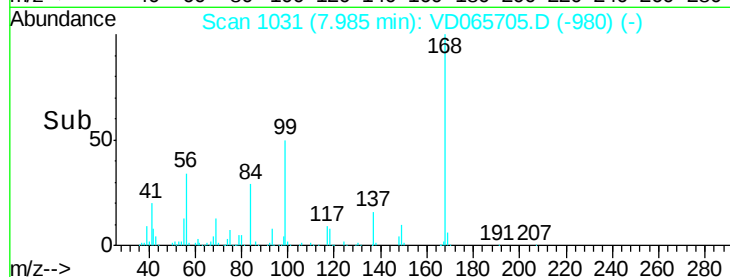
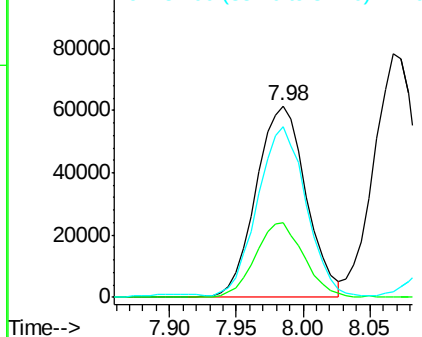
#31
Cyclohexane
Concen: 18.53 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

Tgt Ion: 56 Resp: 159713
Ion Ratio Lower Upper
56 100
69 38.5 26.3 39.5
84 87.6 64.5 96.7

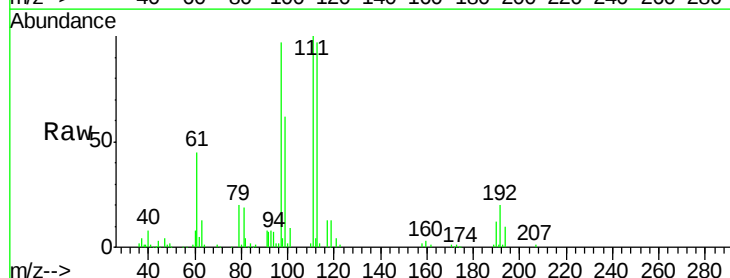


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

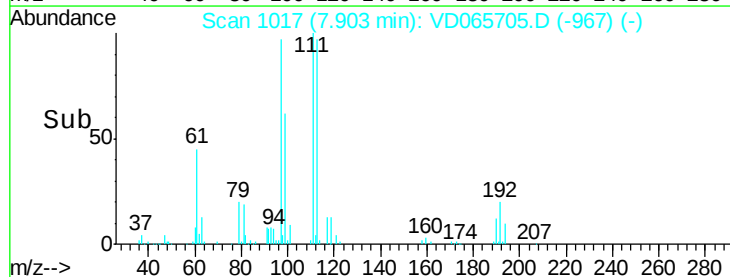
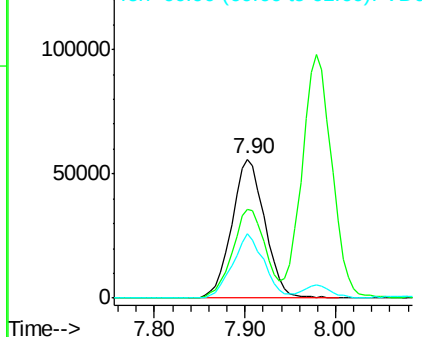


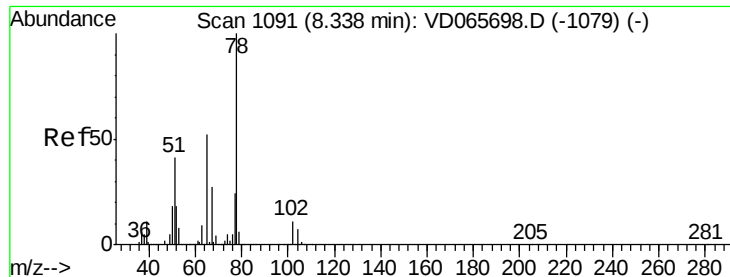
#32
1,1,1-Trichloroethane
Concen: 19.11 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion: 97 Resp: 142019
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 44.4 36.0 54.0



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

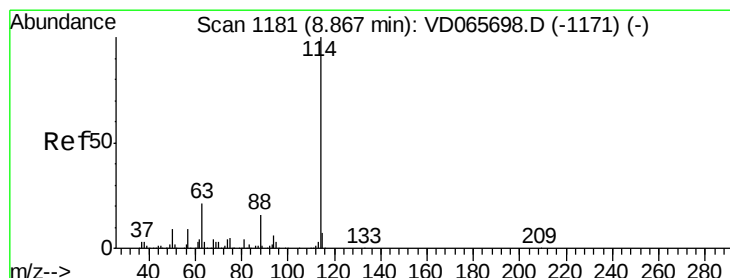
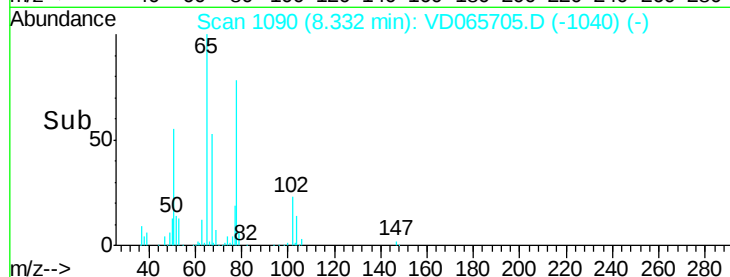
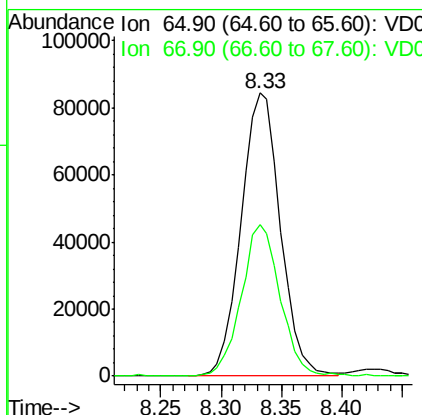
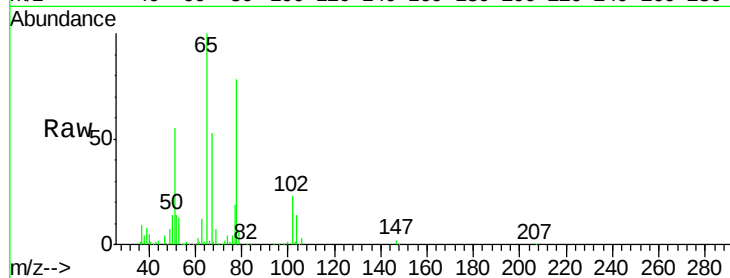




#33
 1,2-Dichloroethane-d4
 Concen: 44.52 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

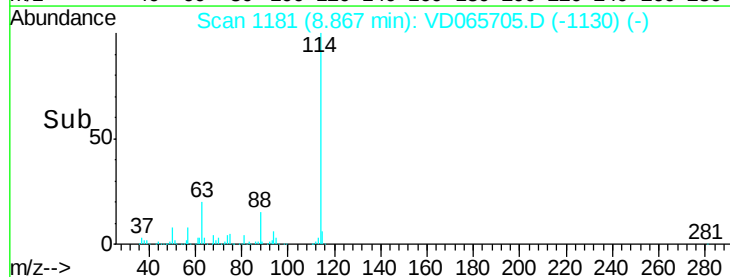
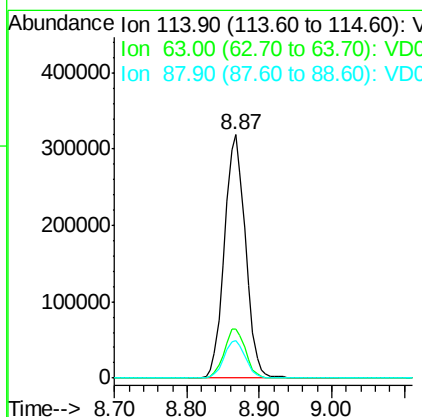
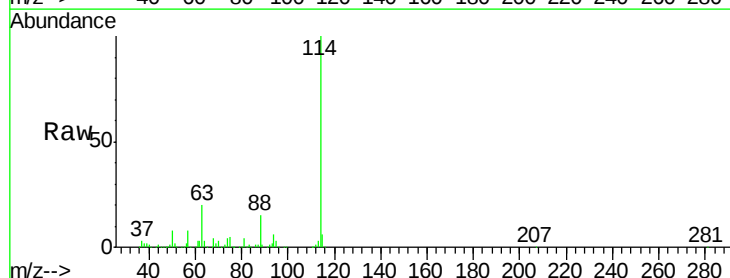
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

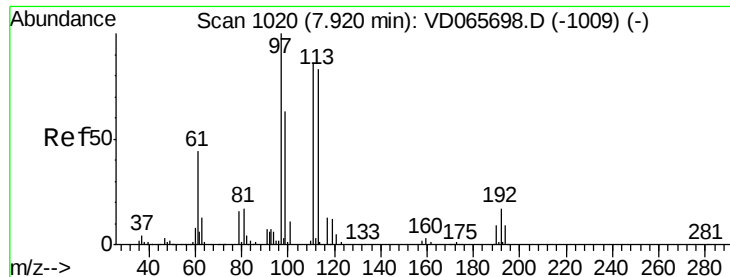
Tgt Ion: 65 Resp: 191813
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

Tgt Ion: 114 Resp: 644400
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 15.5 0.0 32.6

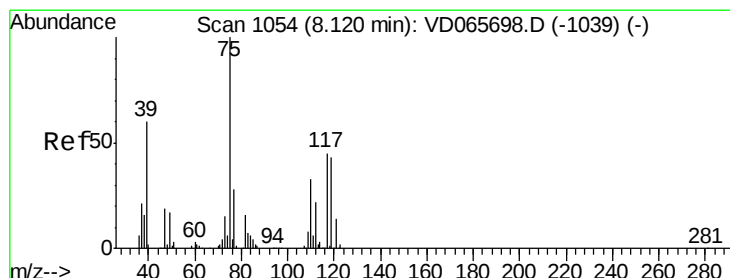
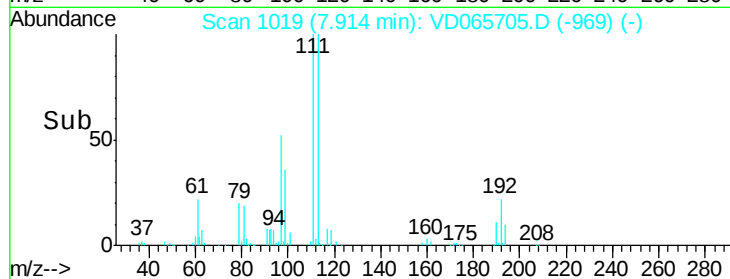
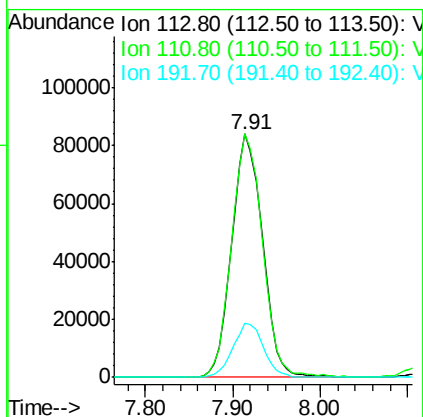
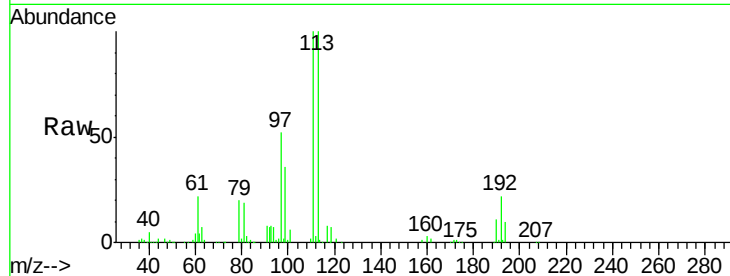




#35
 Dibromofluoromethane
 Concen: 49.77 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

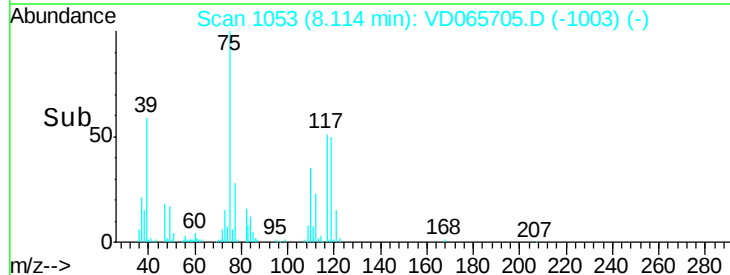
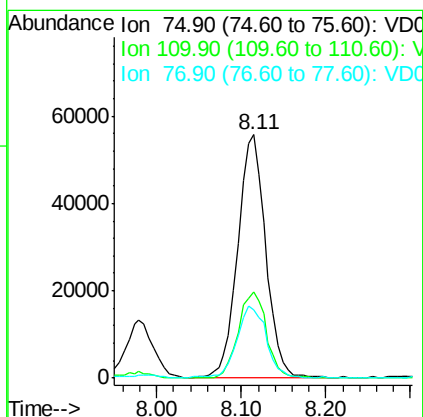
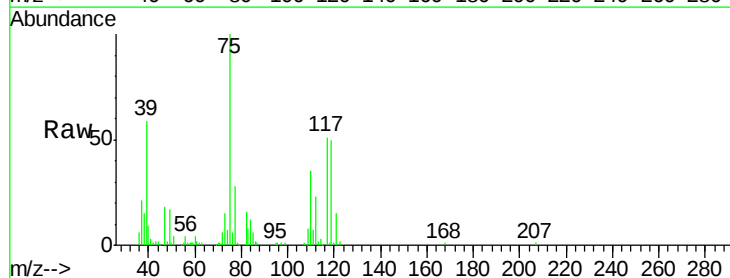
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

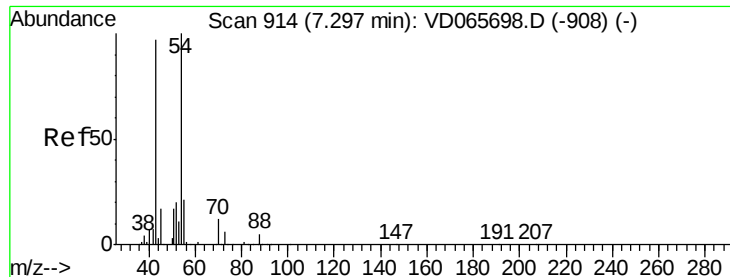
Tgt Ion: 113 Resp: 200452
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.7 124.1
 192 22.0 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 19.99 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

Tgt Ion: 75 Resp: 127947
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.2 51.6
 77 31.2 23.7 35.5

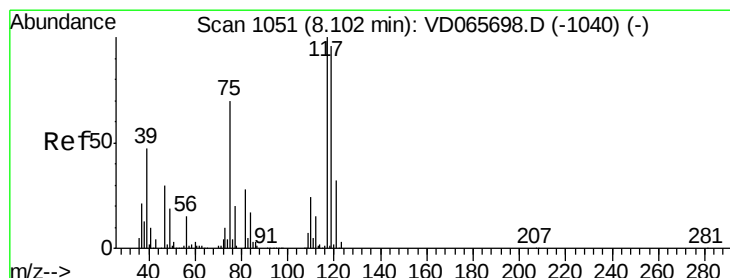
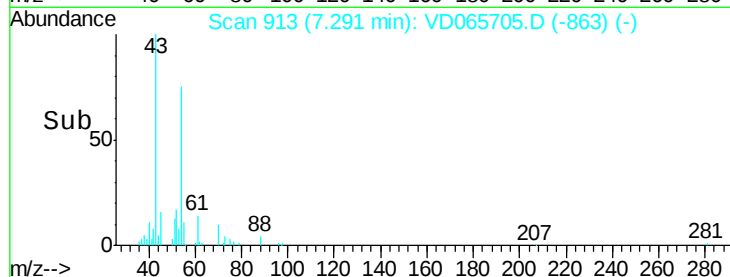
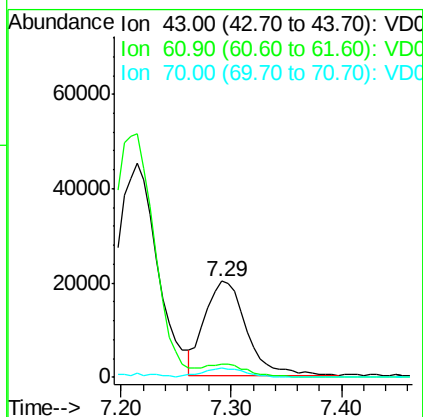
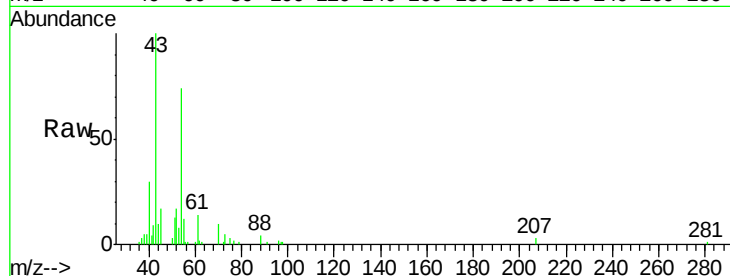




#37
Ethyl Acetate
Concen: 16.83 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

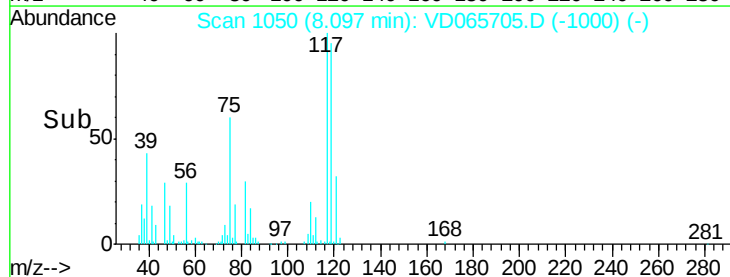
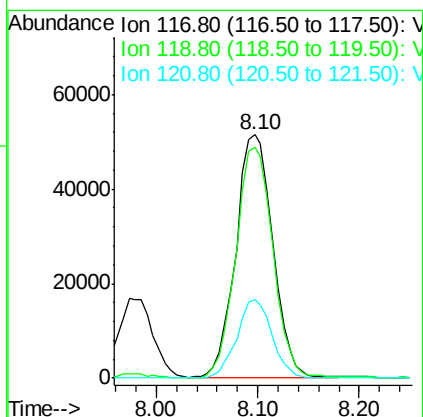
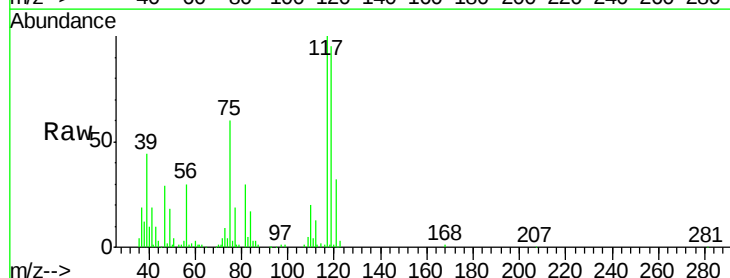
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

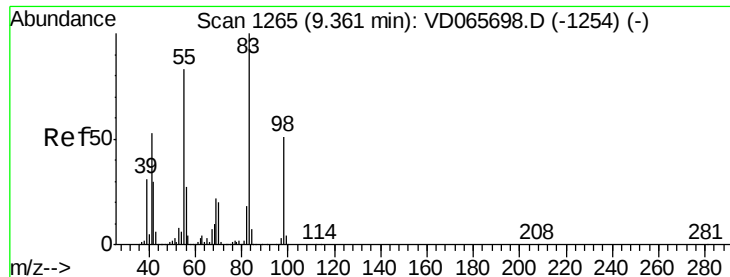
Tgt Ion: 43 Resp: 51872
Ion Ratio Lower Upper
43 100
61 13.9 9.9 14.9
70 10.1 7.3 10.9



#38
Carbon Tetrachloride
Concen: 20.46 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion: 117 Resp: 129849
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7
121 32.2 25.5 38.3

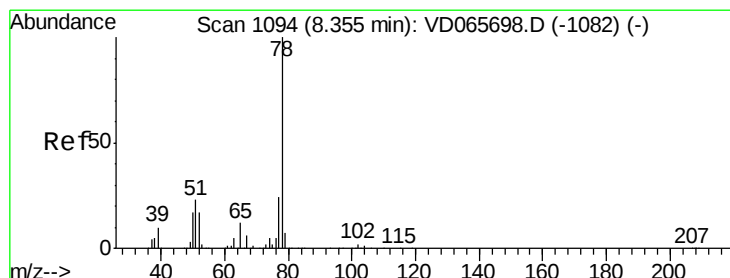
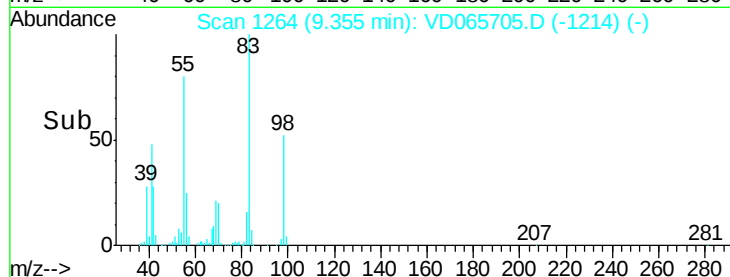
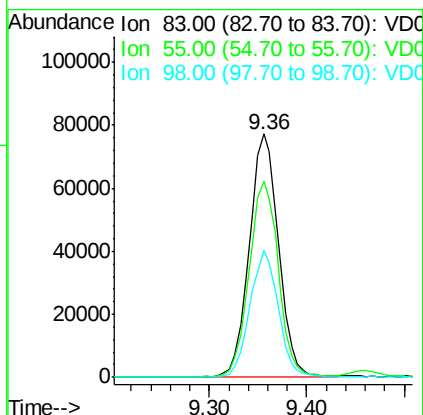
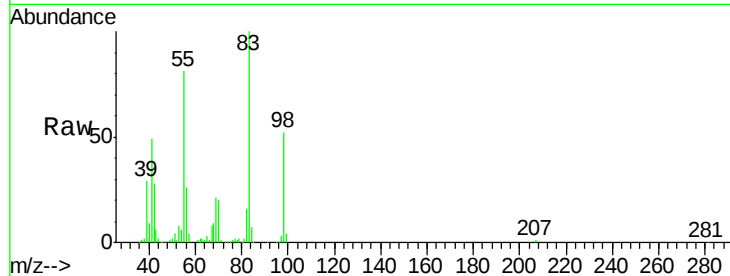




#39
Methylcyclohexane
Concen: 20.16 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

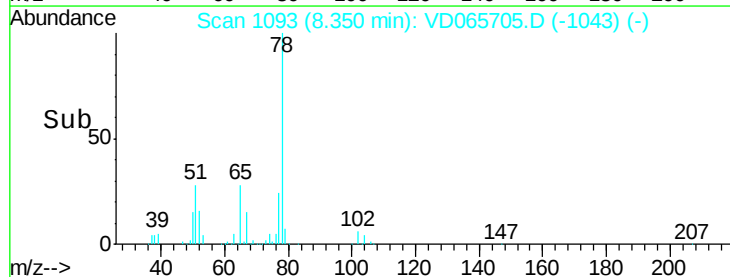
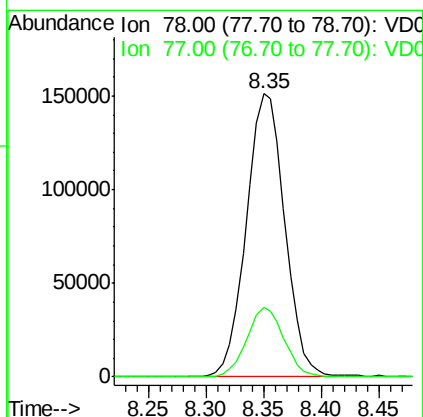
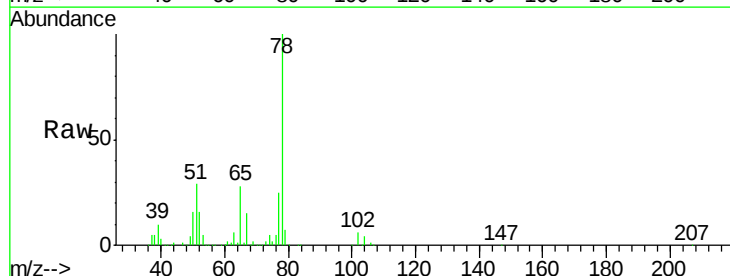
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

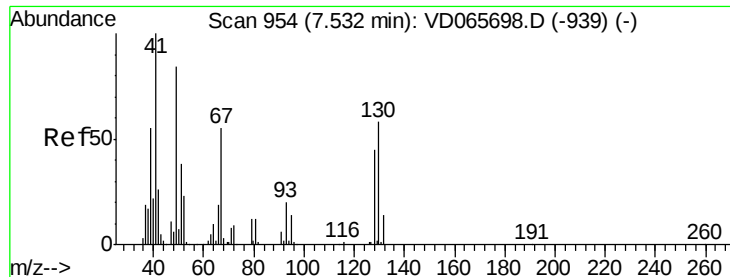
Tgt Ion: 83 Resp: 161971
Ion Ratio Lower Upper
83 100
55 80.4 66.0 99.0
98 52.0 41.0 61.4



#40
Benzene
Concen: 20.06 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion: 78 Resp: 350551
Ion Ratio Lower Upper
78 100
77 24.5 19.6 29.4

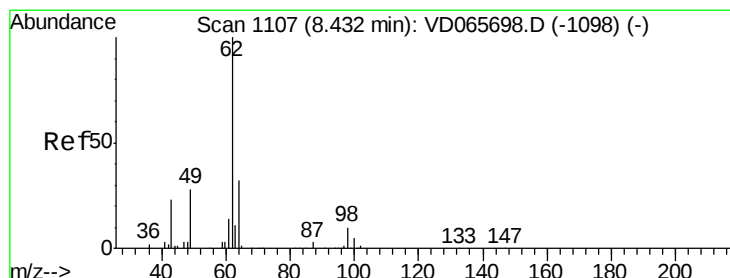
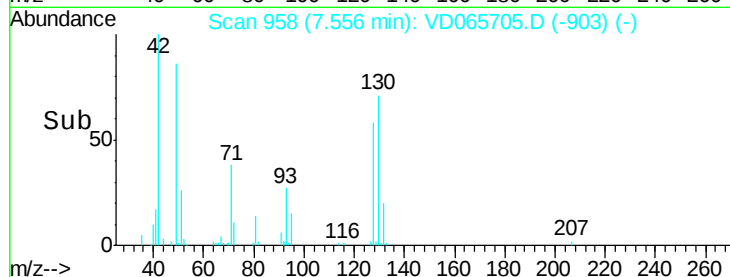
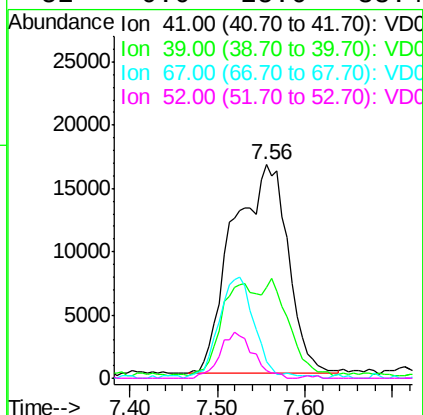
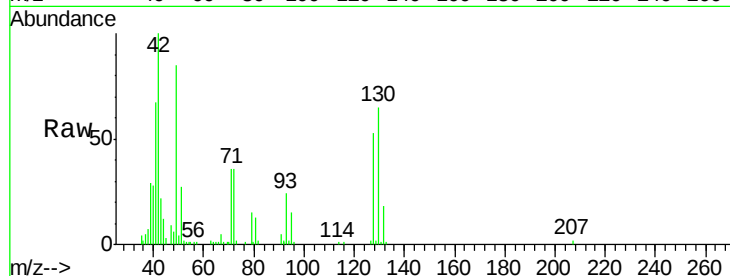




#41
Methacrylonitrile
Concen: 40.21 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.02 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

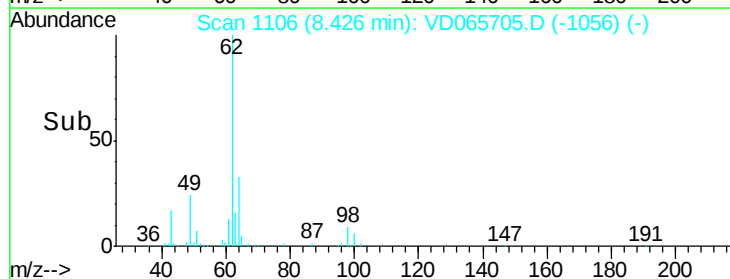
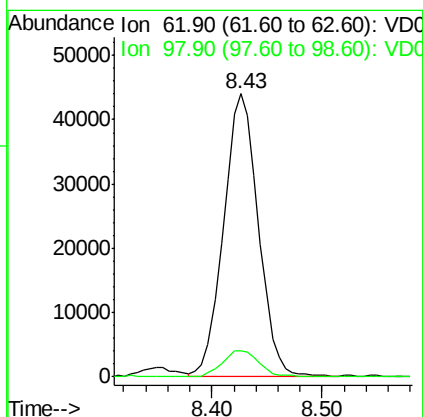
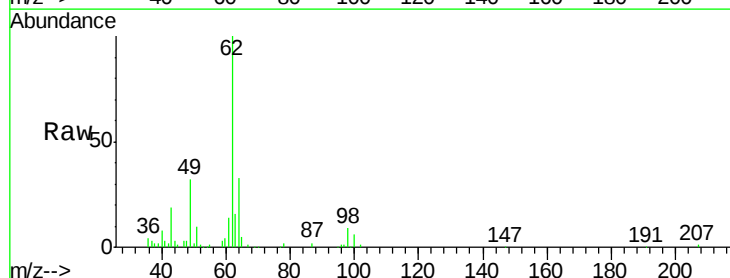
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

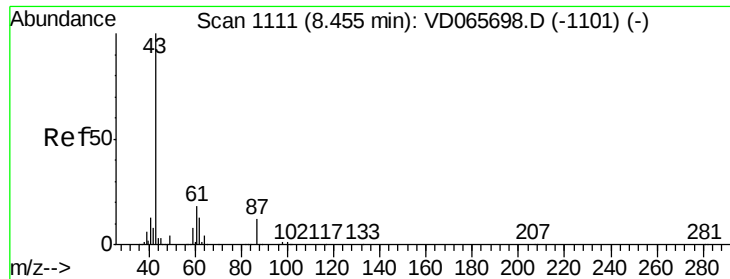
Tgt Ion:	41	Resp:	71472
Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.5	78.7#
67	0.0	59.4	89.0#
52	0.0	25.6	38.4#



#42
1,2-Dichloroethane
Concen: 19.28 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion:	62	Resp:	96949
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2





#43

Isopropyl Acetate

Concen: 17.60 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBS01

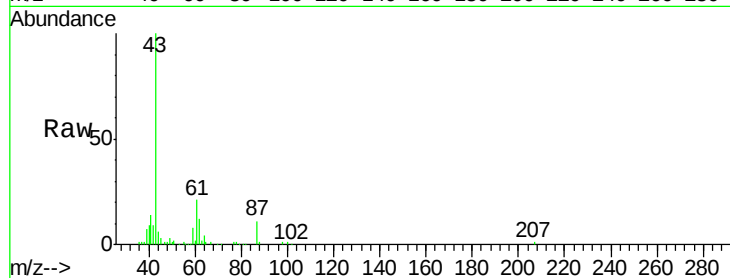
Tgt Ion: 43 Resp: 108473

Ion Ratio Lower Upper

43 100

61 28.5 21.9 32.9

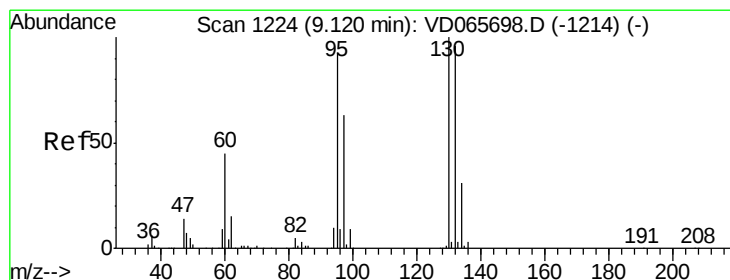
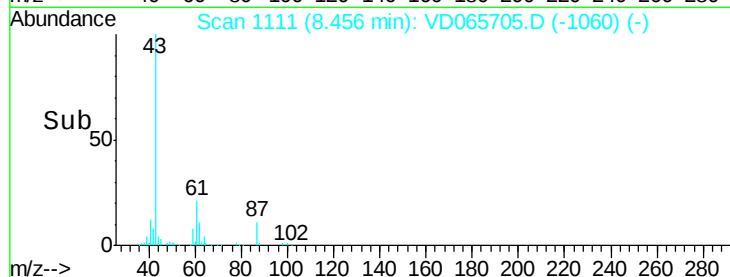
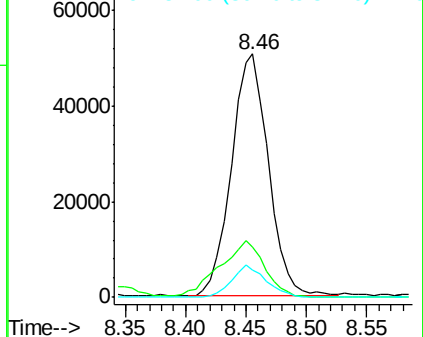
87 12.5 9.4 14.2



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: 21.12 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD065705.D

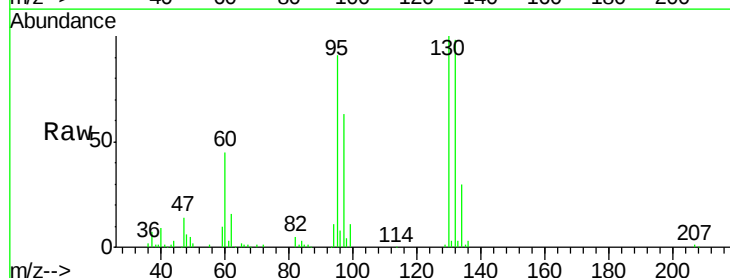
Acq: 07 May 2020 11:34

Tgt Ion: 130 Resp: 101722

Ion Ratio Lower Upper

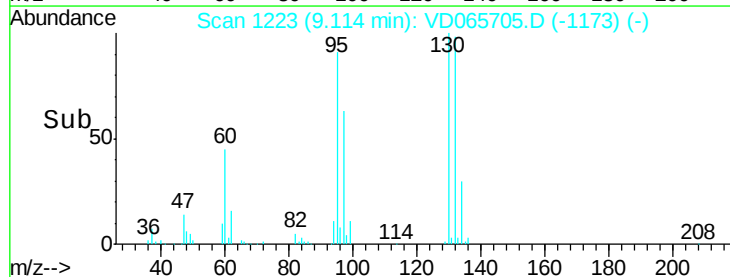
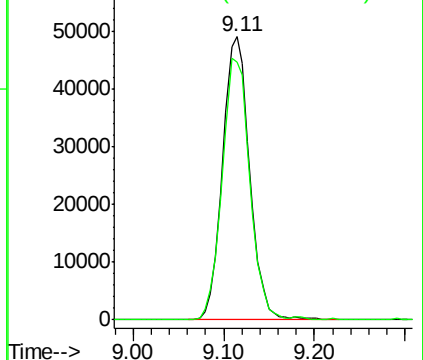
130 100

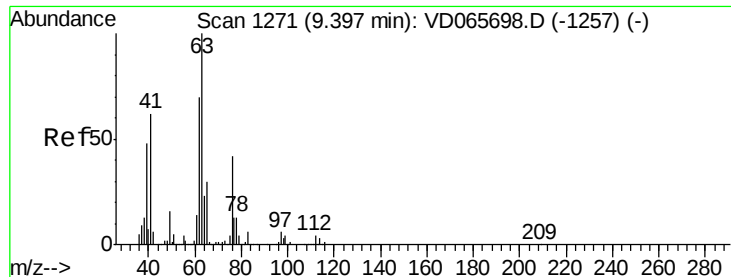
95 91.2 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

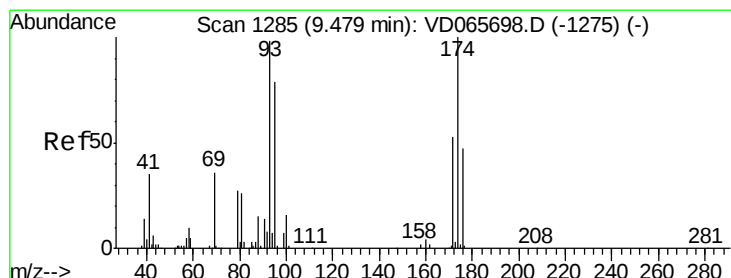
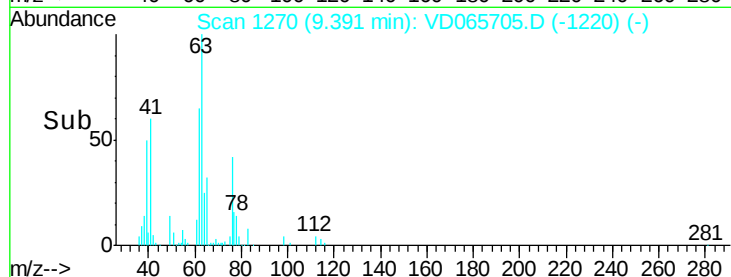
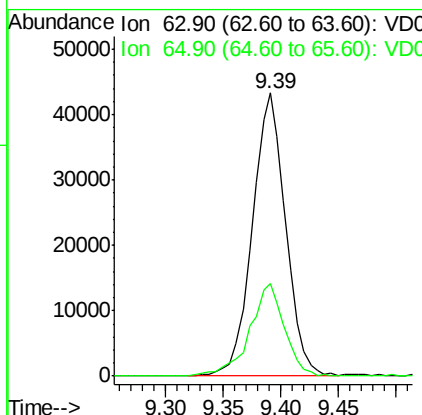
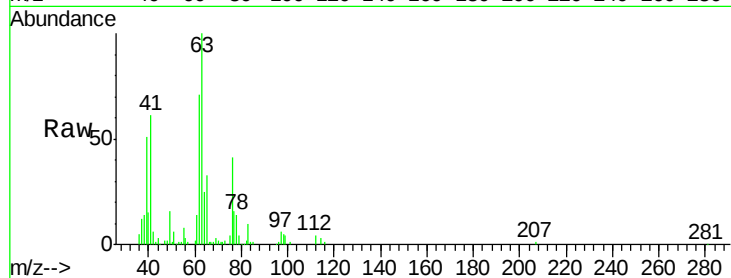




#45
 1,2-Dichloropropane
 Concen: 19.22 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

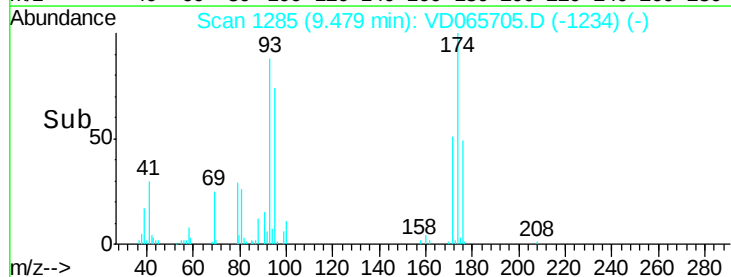
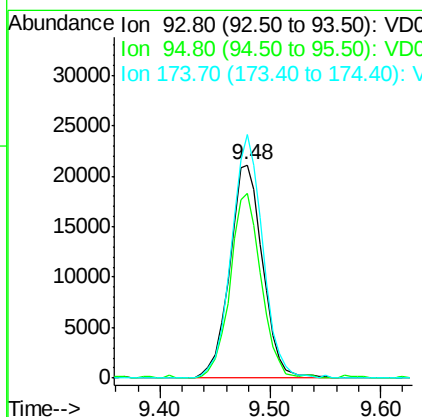
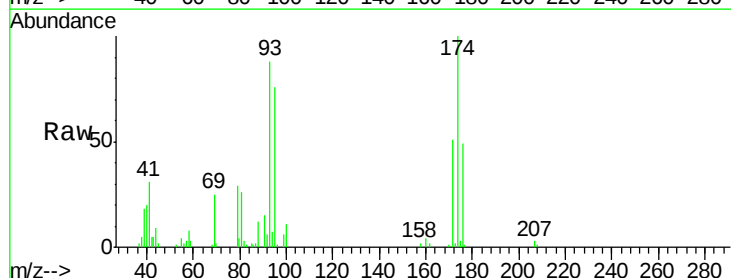
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

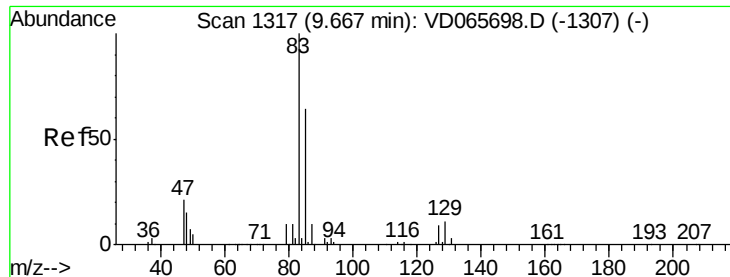
Tgt Ion: 63 Resp: 86881
 Ion Ratio Lower Upper
 63 100
 65 32.9 24.1 36.1



#46
 Dibromomethane
 Concen: 19.53 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

Tgt Ion: 93 Resp: 44275
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.3 97.9
 174 107.9 82.7 124.1





#47

Bromodichloromethane

Concen: 19.74 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBS01

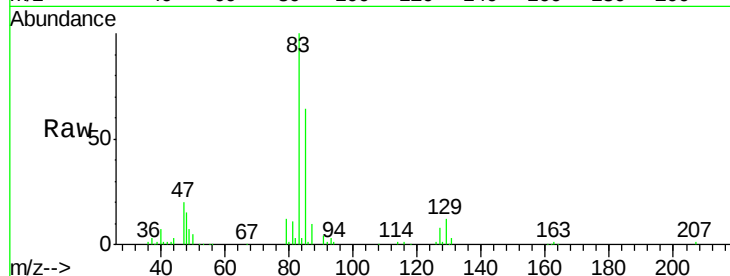
Tgt Ion: 83 Resp: 119678

Ion Ratio Lower Upper

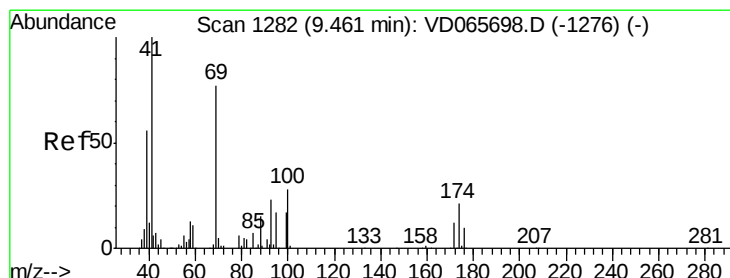
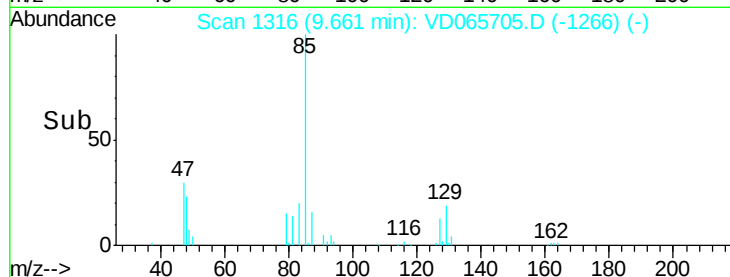
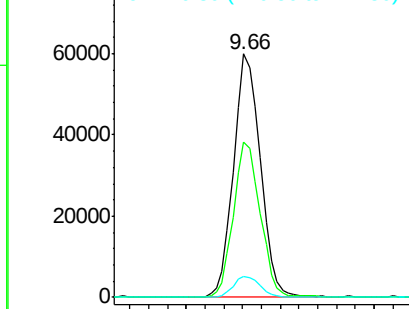
83 100

85 64.0 50.9 76.3

127 8.5 6.9 10.3



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



#48

Methyl methacrylate

Concen: 17.71 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

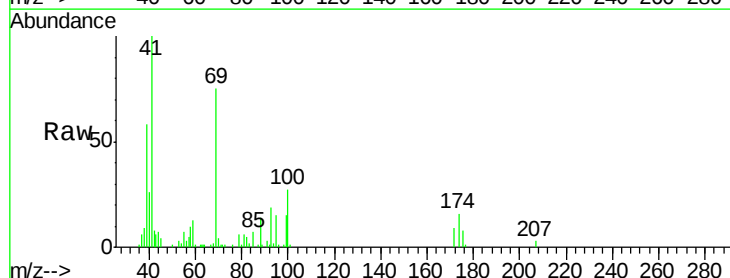
Tgt Ion: 41 Resp: 54653

Ion Ratio Lower Upper

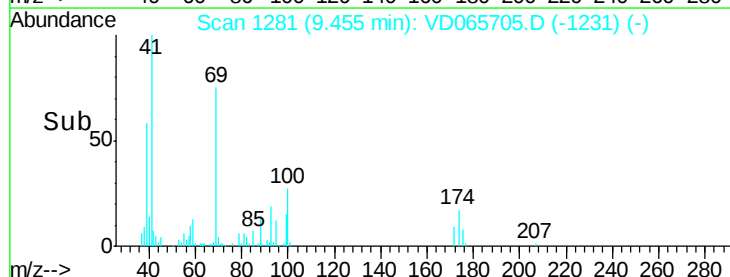
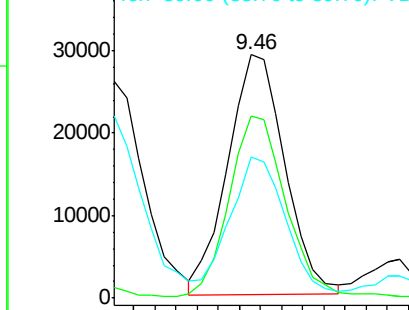
41 100

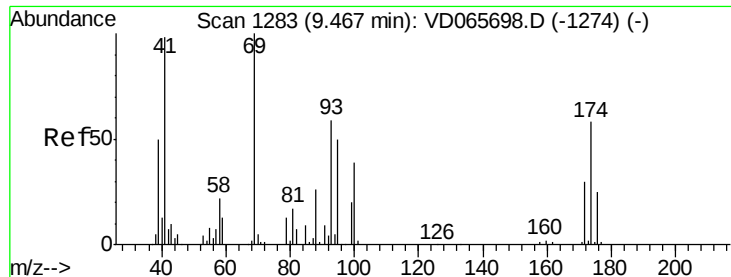
69 76.8 58.2 87.2

39 52.6 43.3 64.9



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

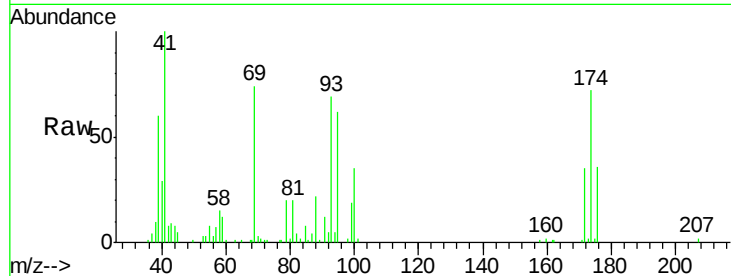




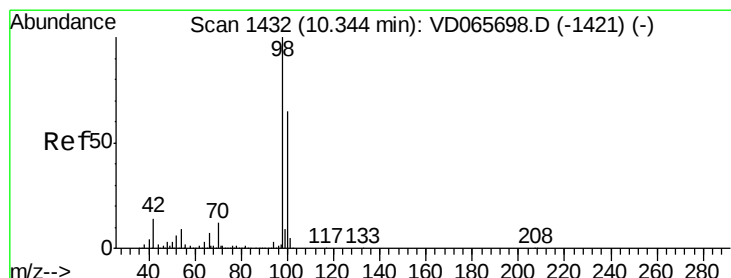
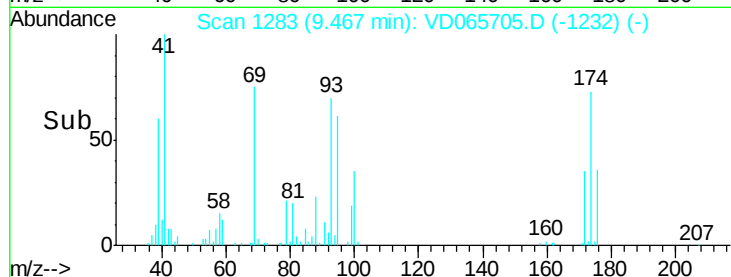
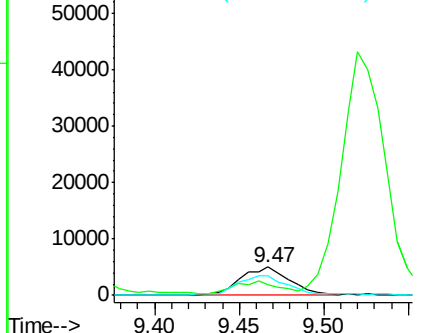
#49
1,4-Dioxane
Concen: 367.09 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

Tgt Ion: 88 Resp: 10202
Ion Ratio Lower Upper
88 100
43 41.1 31.6 47.4
58 72.9 60.2 90.4

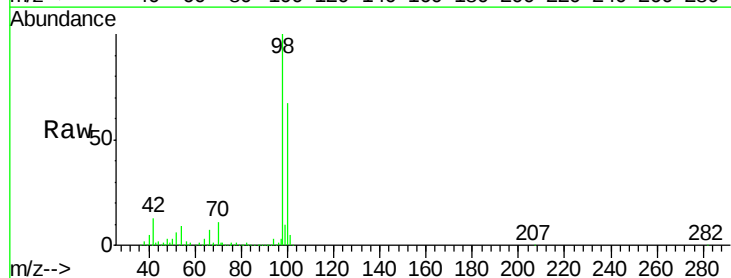


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

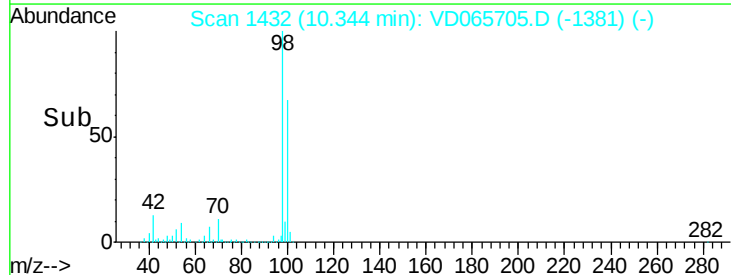
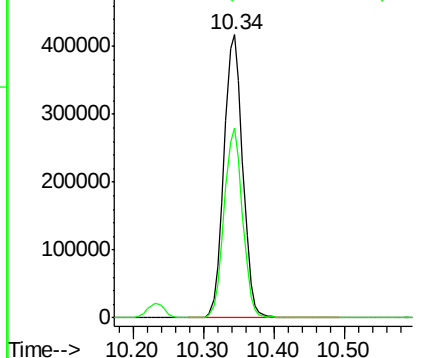


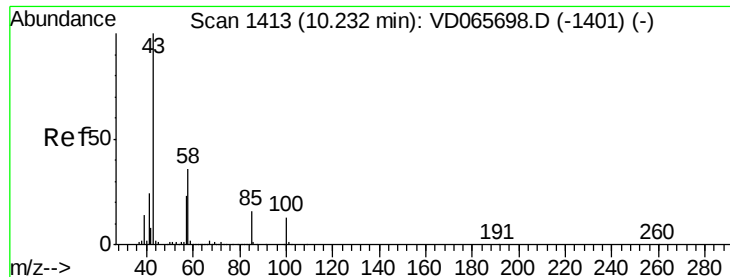
#50
Toluene-d8
Concen: 49.94 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion: 98 Resp: 772471
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



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

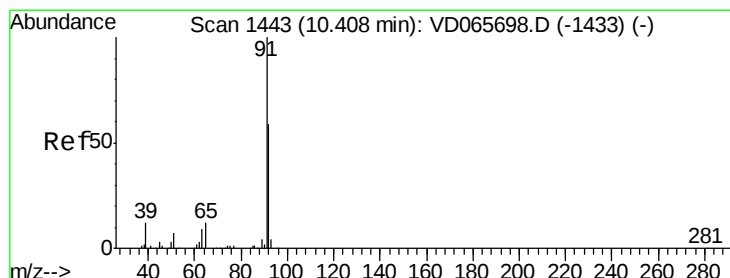
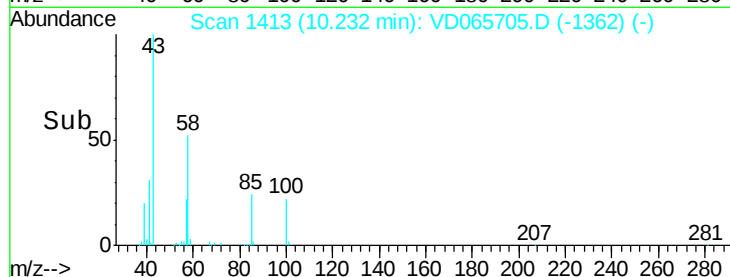
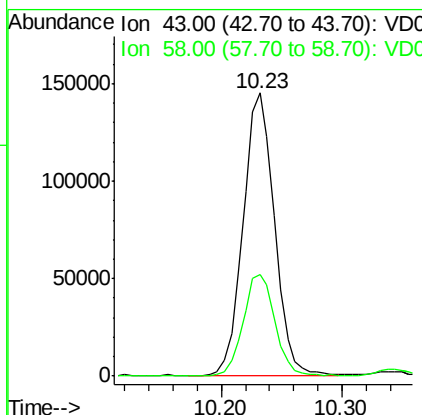
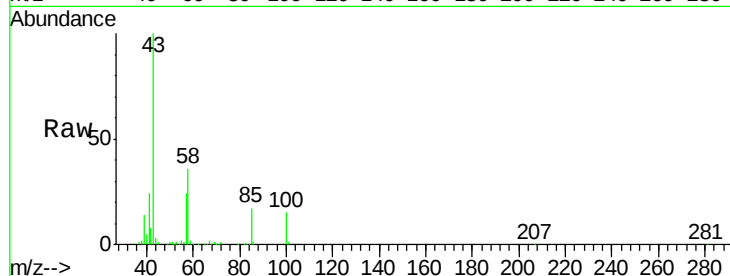




#51
4-Methyl-2-Pentanone
Concen: 88.39 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

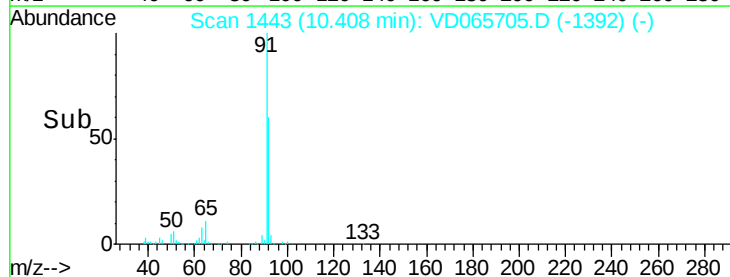
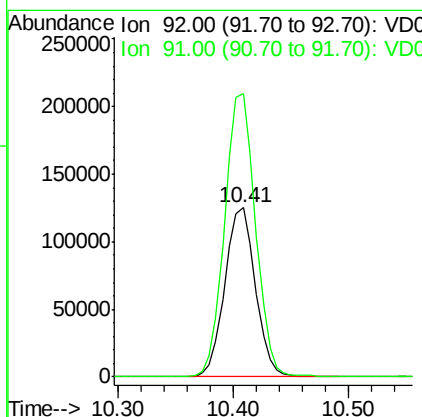
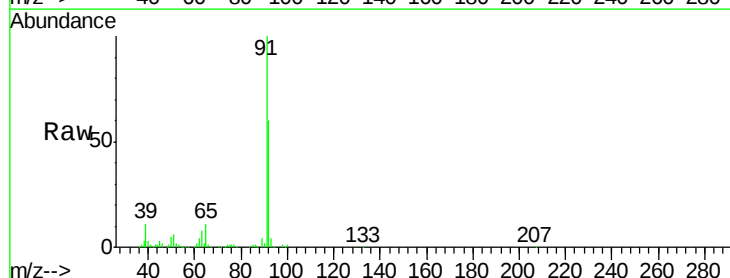
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

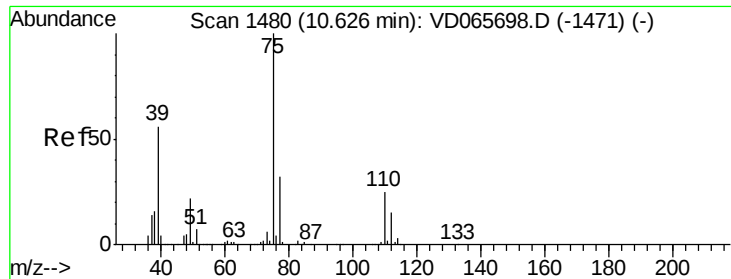
Tgt Ion: 43 Resp: 262492
Ion Ratio Lower Upper
43 100
58 36.6 28.6 42.8



#52
Toluene
Concen: 20.80 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion: 92 Resp: 229870
Ion Ratio Lower Upper
92 100
91 169.5 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 19.35 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

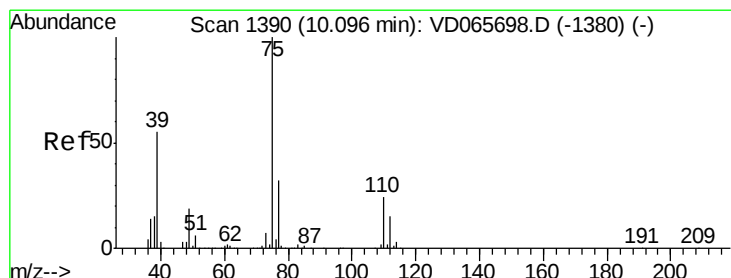
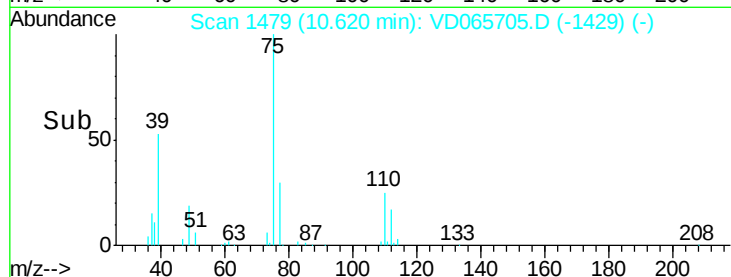
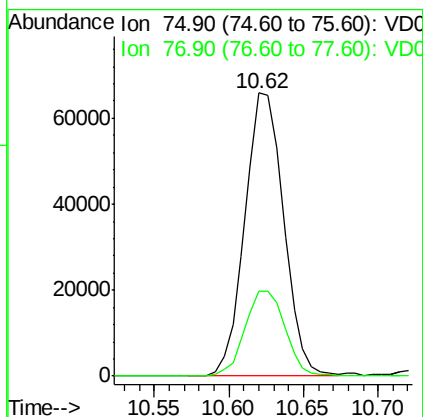
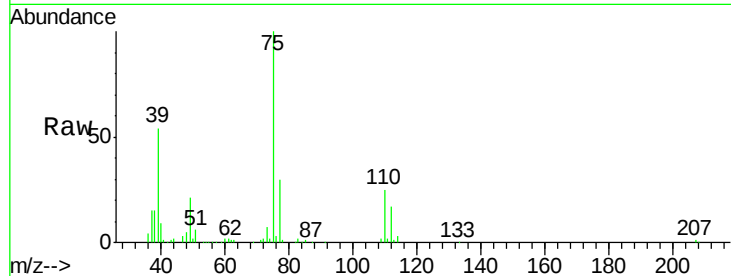
VD0507SBS01

Tgt Ion: 75 Resp: 118853

Ion Ratio Lower Upper

75 100

77 29.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.63 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

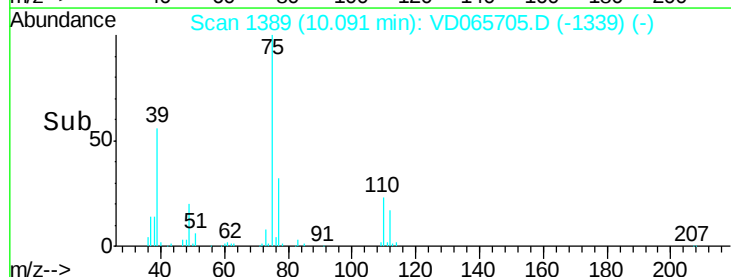
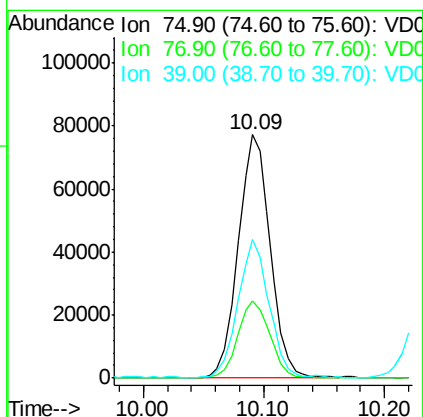
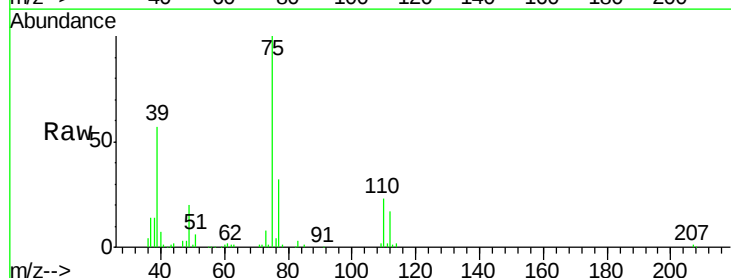
Tgt Ion: 75 Resp: 142048

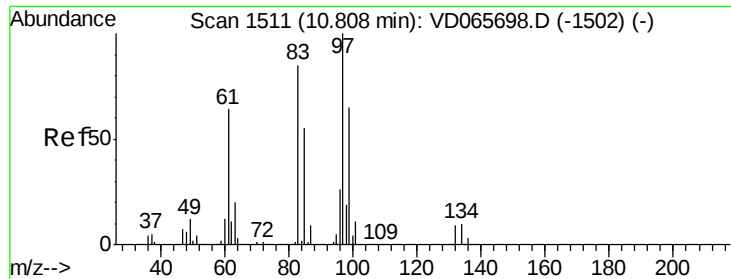
Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8

39 56.5 44.4 66.6





#55

1,1,2-Trichloroethane

Concen: 20.10 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBS01

Tgt Ion: 97 Resp: 61421

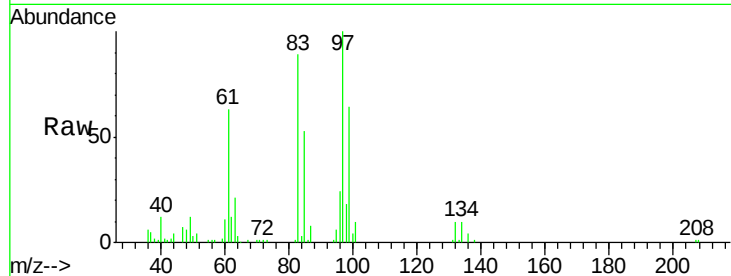
Ion Ratio Lower Upper

97 100

83 88.1 68.2 102.4

85 52.4 43.6 65.4

99 64.3 52.2 78.4

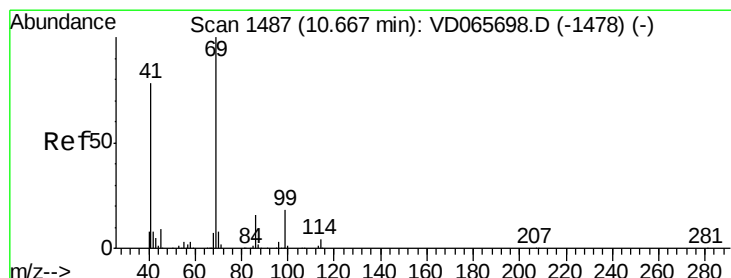
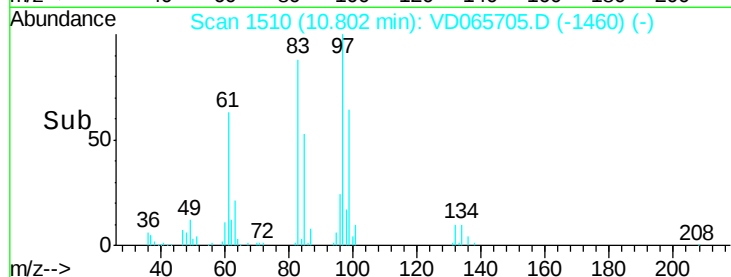
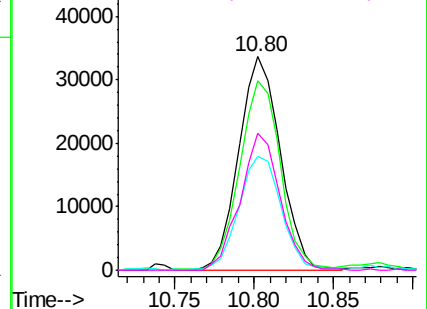


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 18.35 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

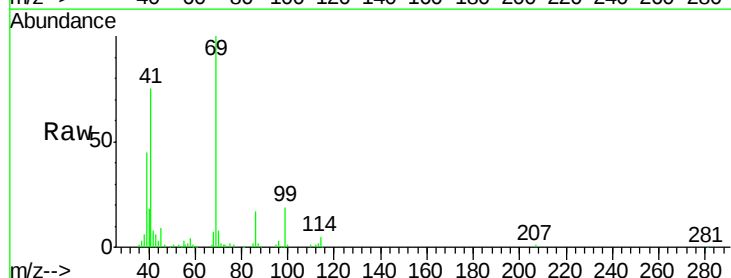
Tgt Ion: 69 Resp: 80983

Ion Ratio Lower Upper

69 100

41 74.8 61.4 92.0

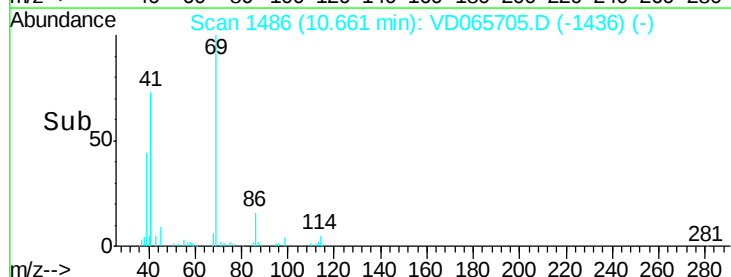
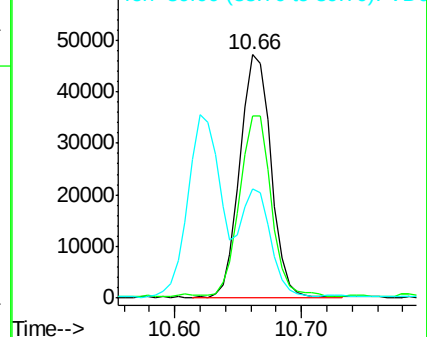
39 42.3 32.7 49.1

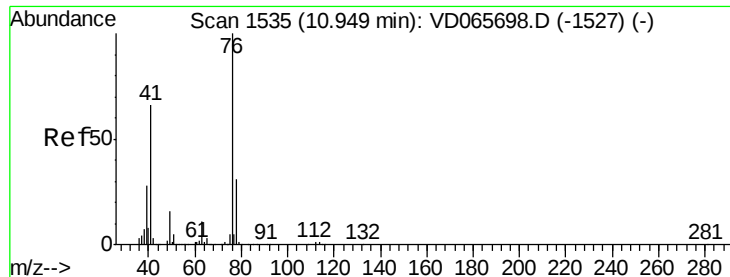


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

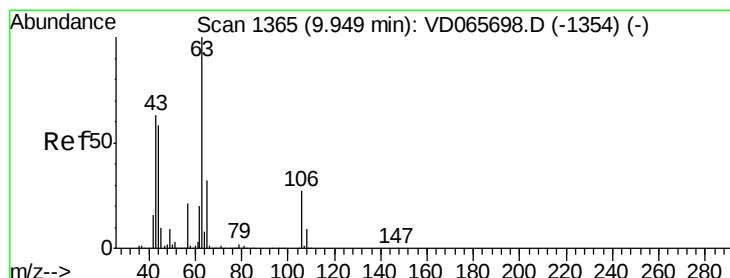
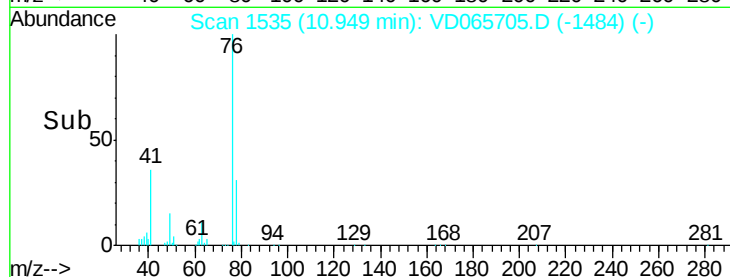
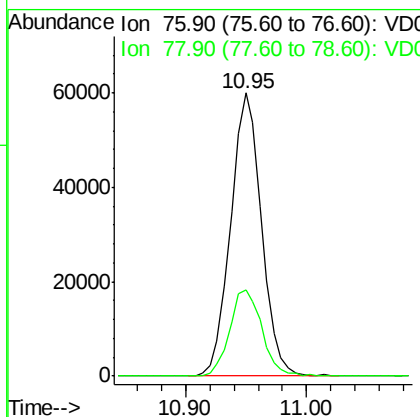
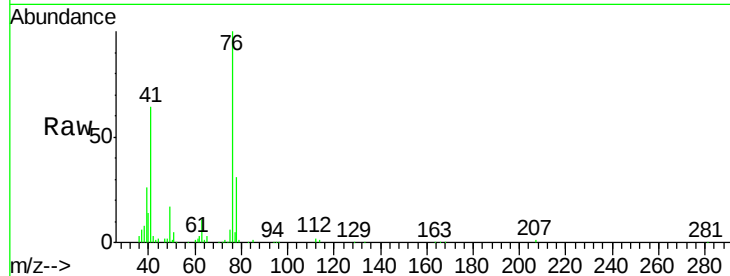




#57
 1,3-Dichloropropane
 Concen: 19.39 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

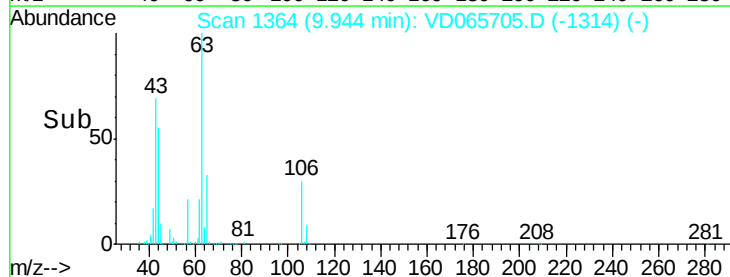
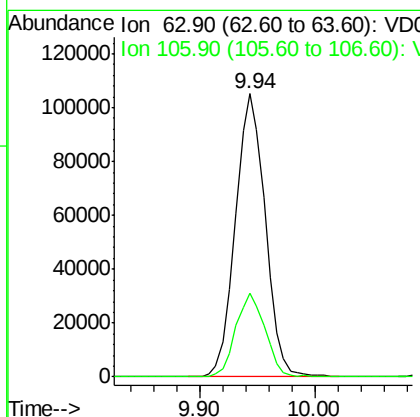
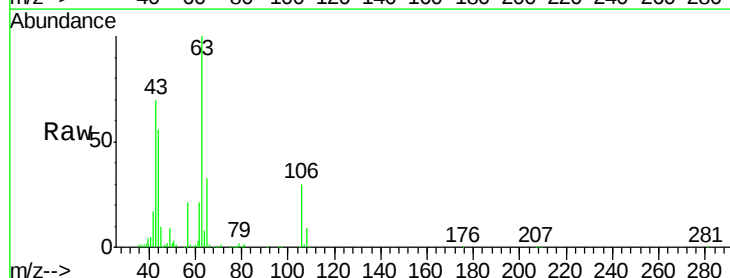
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

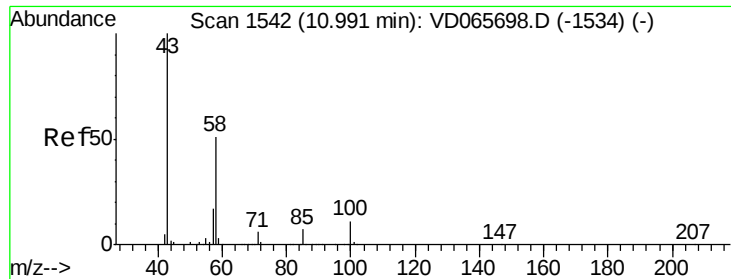
Tgt Ion: 76 Resp: 106547
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.98 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

Tgt Ion: 63 Resp: 188372
 Ion Ratio Lower Upper
 63 100
 106 29.3 22.0 33.0

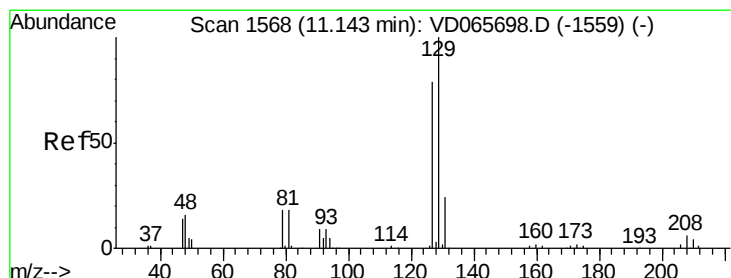
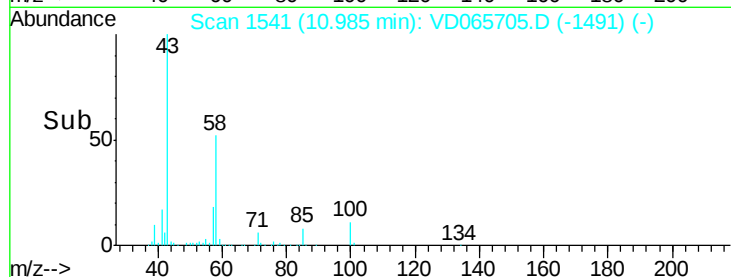
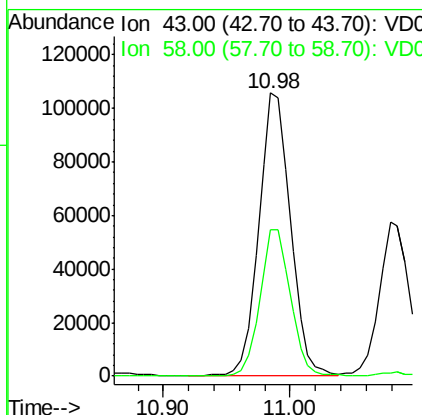
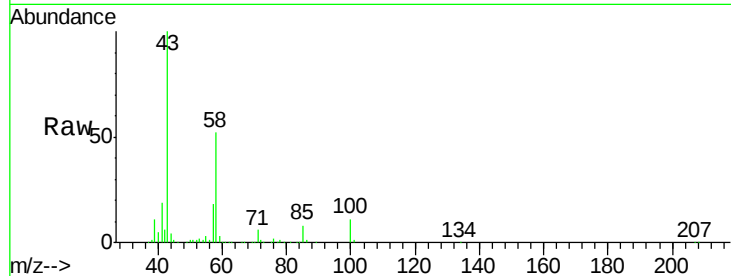




#59
2-Hexanone
Concen: 89.26 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

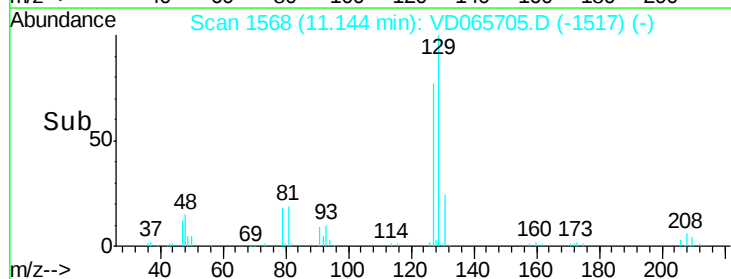
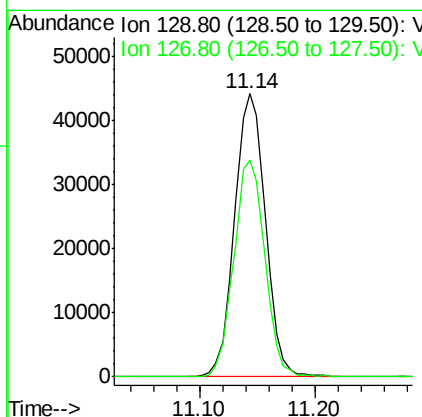
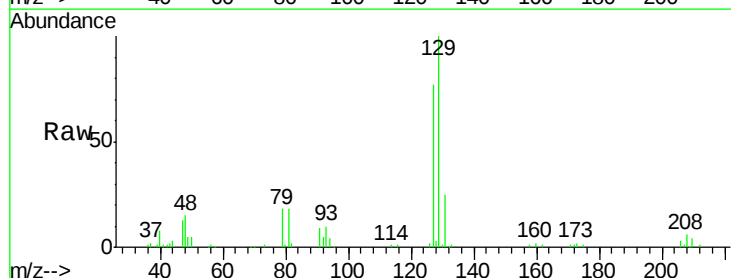
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

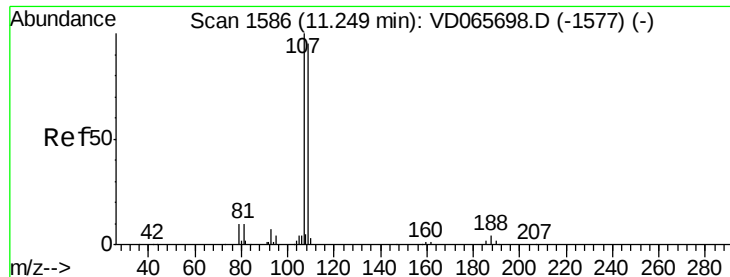
Tgt Ion: 43 Resp: 182319
Ion Ratio Lower Upper
43 100
58 50.7 25.4 76.0



#60
Dibromochloromethane
Concen: 19.88 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion: 129 Resp: 81617
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.81 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

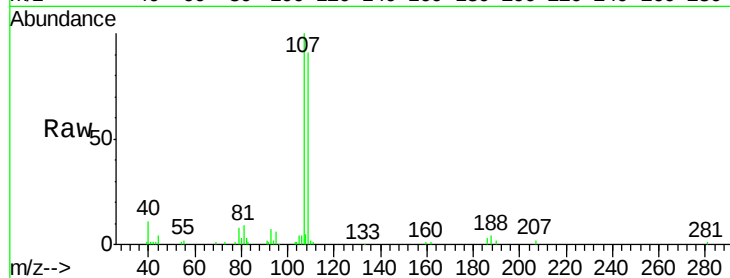
VD0507SBS01

Tgt Ion: 107 Resp: 60928

Ion Ratio Lower Upper

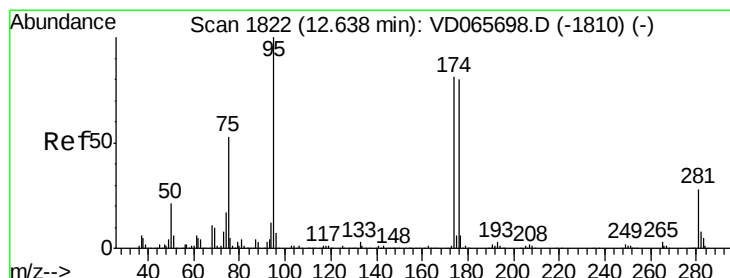
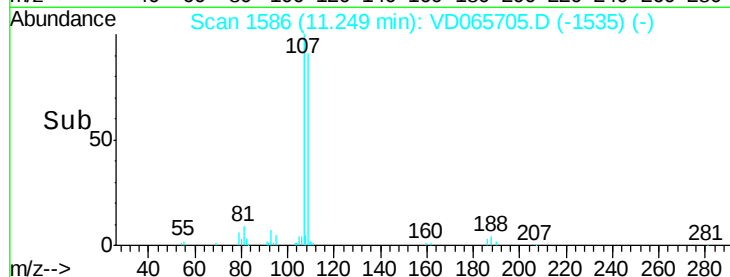
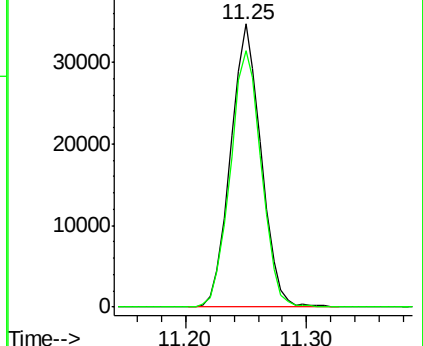
107 100

109 92.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.55 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

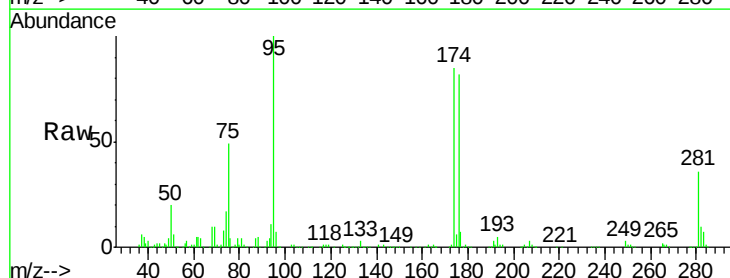
Tgt Ion: 95 Resp: 260743

Ion Ratio Lower Upper

95 100

174 86.6 0.0 162.6

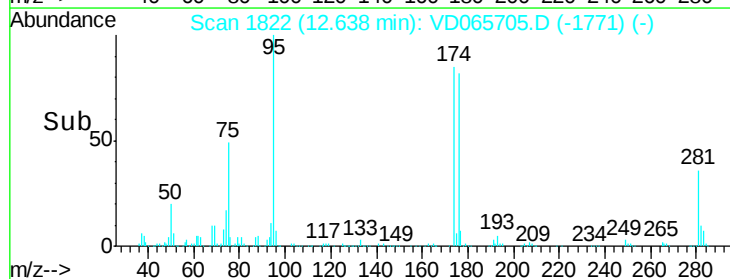
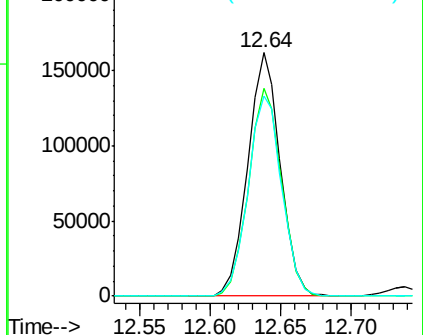
176 85.2 0.0 159.0

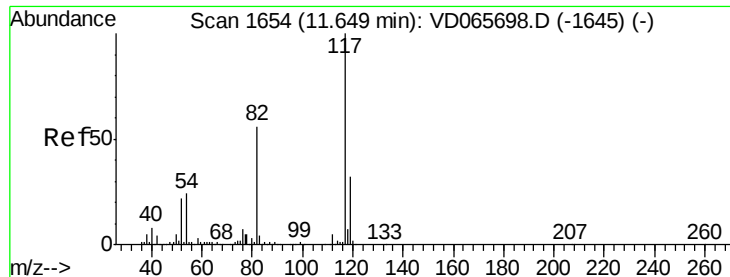


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

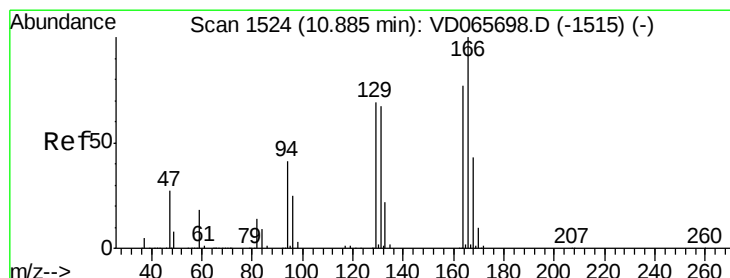
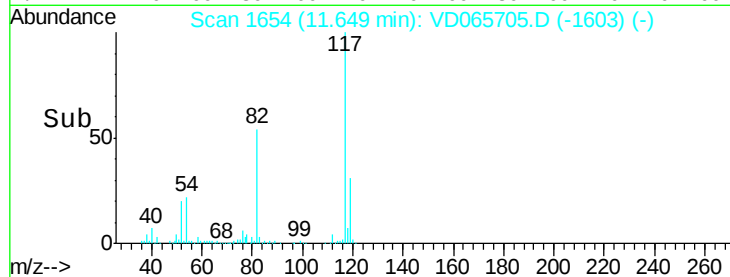
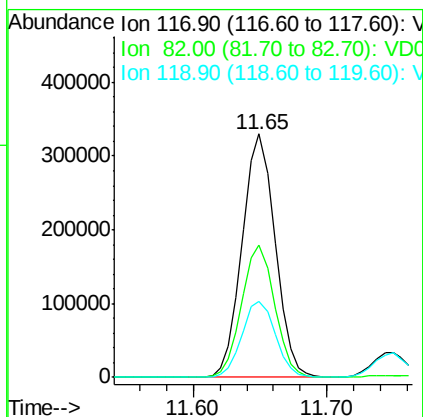
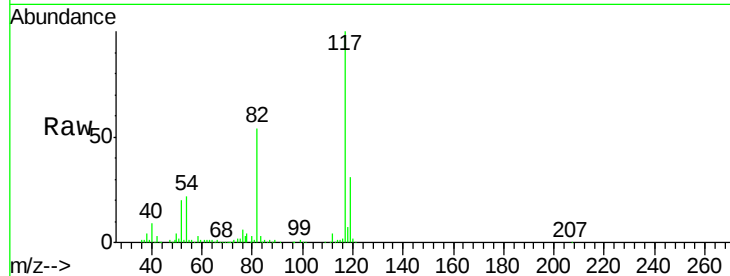




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

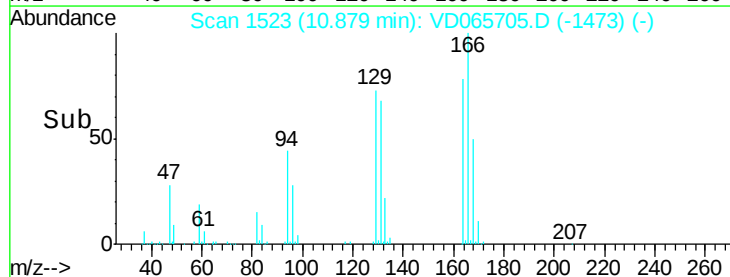
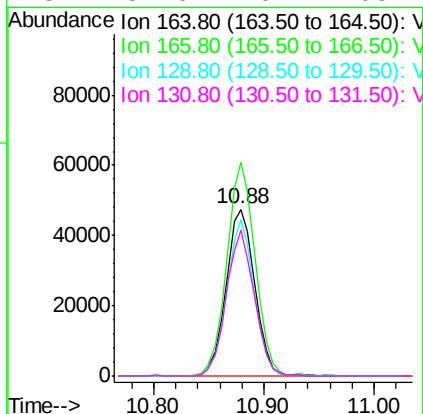
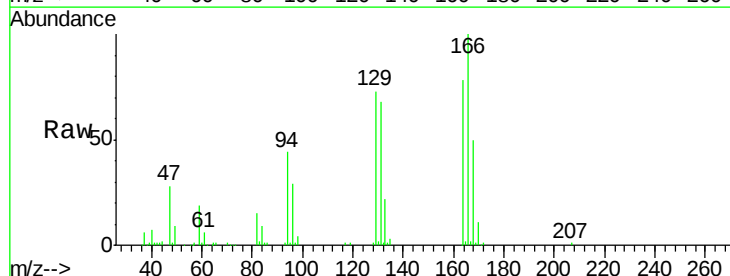
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

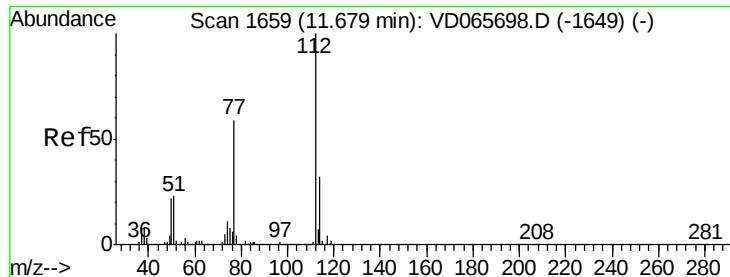
Tgt Ion:117 Resp: 564910
Ion Ratio Lower Upper
117 100
82 54.1 44.9 67.3
119 31.3 25.4 38.2



#64
Tetrachloroethene
Concen: 21.53 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion:164 Resp: 86537
Ion Ratio Lower Upper
164 100
166 128.1 104.3 156.5
129 93.6 71.9 107.9
131 87.6 70.2 105.2

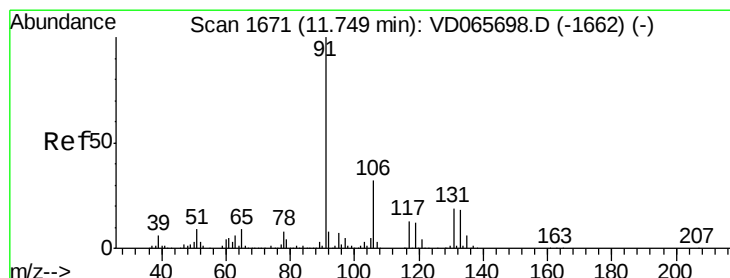
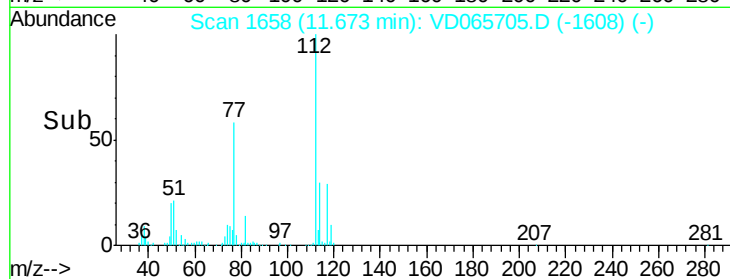
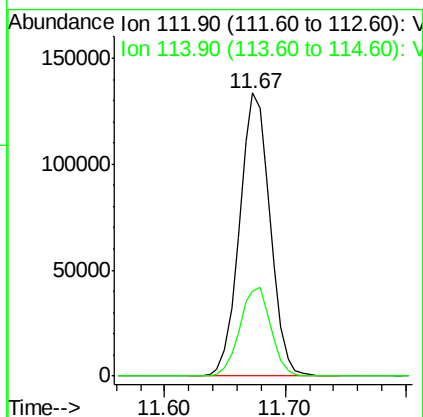
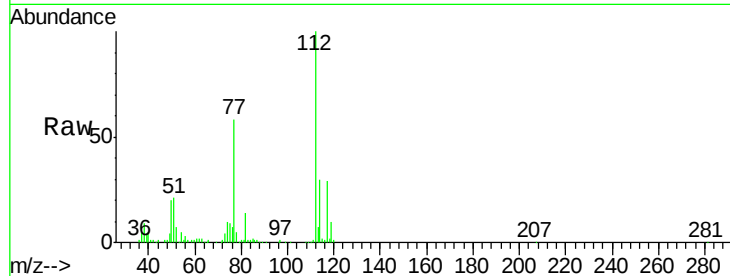




#65
Chlorobenzene
Concen: 20.72 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

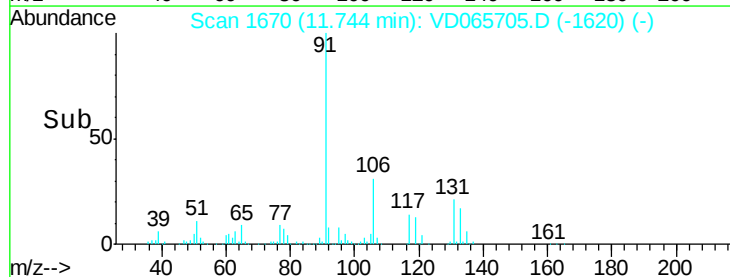
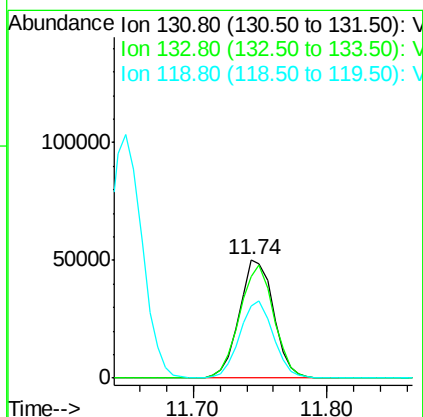
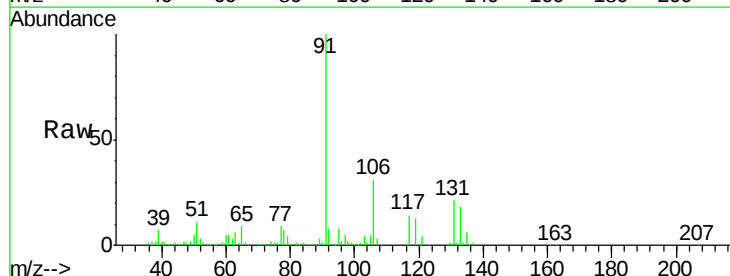
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

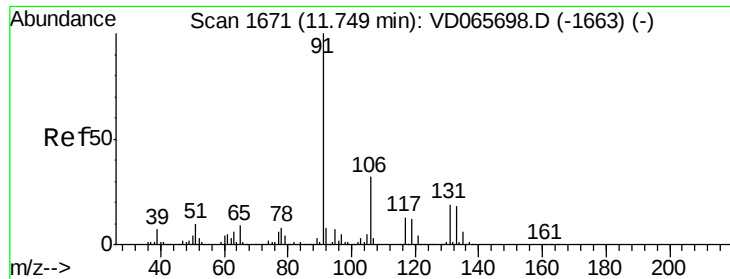
Tgt Ion:112 Resp: 235867
Ion Ratio Lower Upper
112 100
114 30.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.03 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion:131 Resp: 89232
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 64.7 31.8 95.4

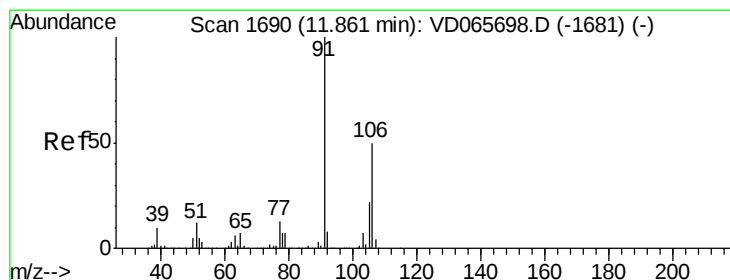
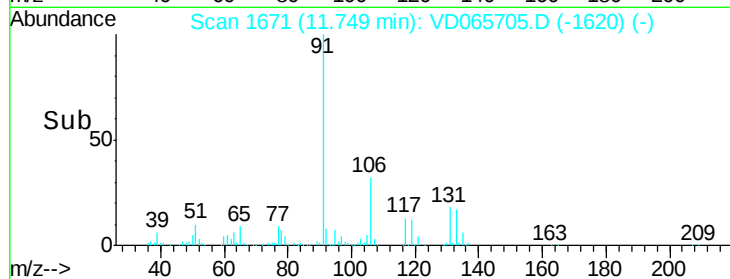
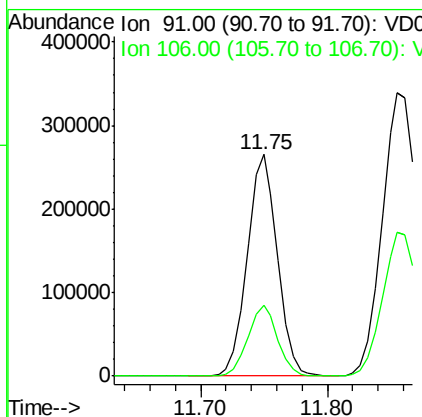
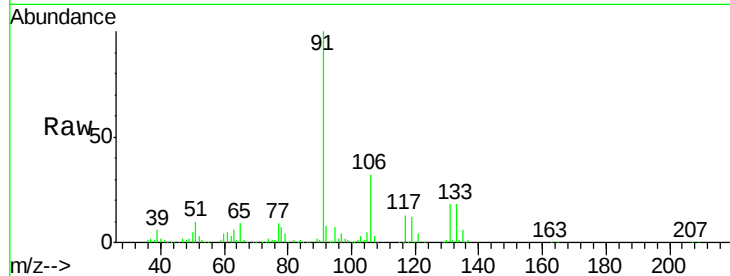




#67
 Ethyl Benzene
 Concen: 20.62 ug/l
 RT: 11.75 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

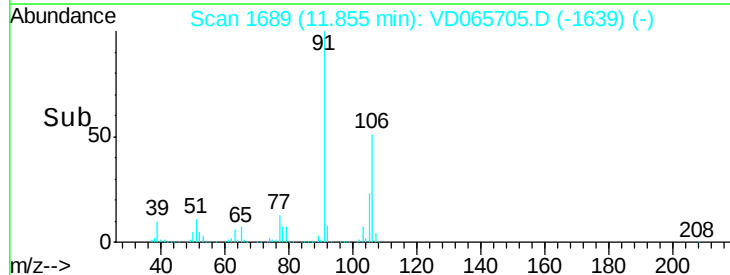
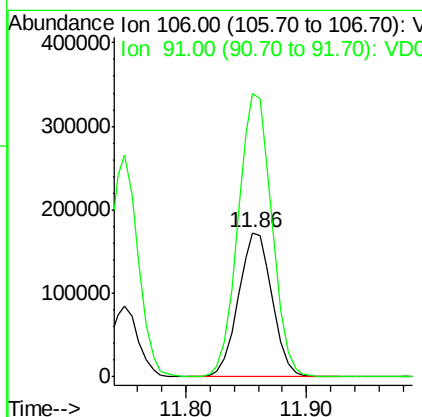
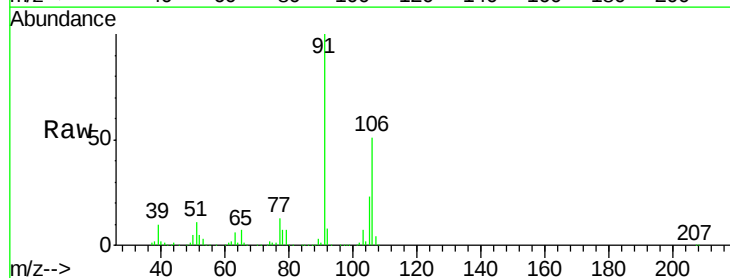
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

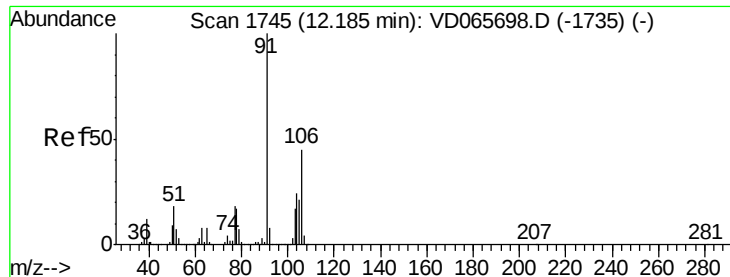
Tgt Ion: 91 Resp: 437716
 Ion Ratio Lower Upper
 91 100
 106 32.1 25.2 37.8



#68
 m/p-Xylenes
 Concen: 42.21 ug/l
 RT: 11.86 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

Tgt Ion: 106 Resp: 334082
 Ion Ratio Lower Upper
 106 100
 91 197.1 163.1 244.7

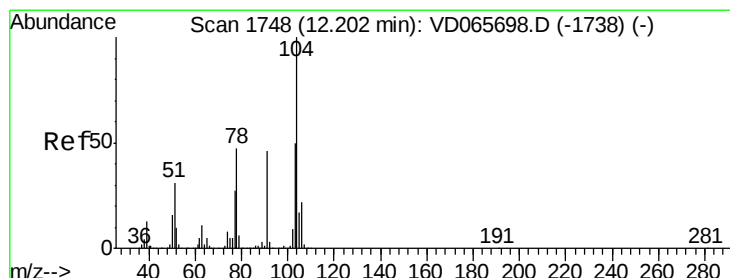
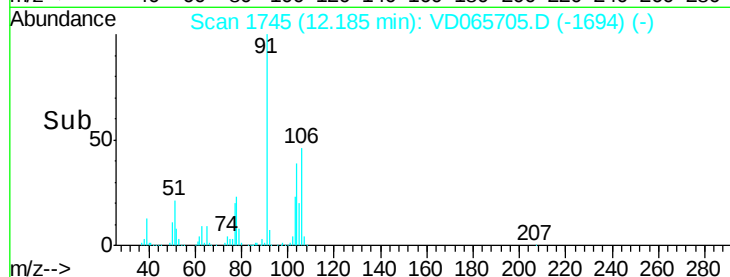
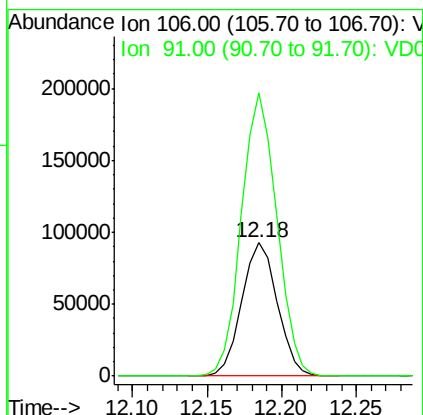
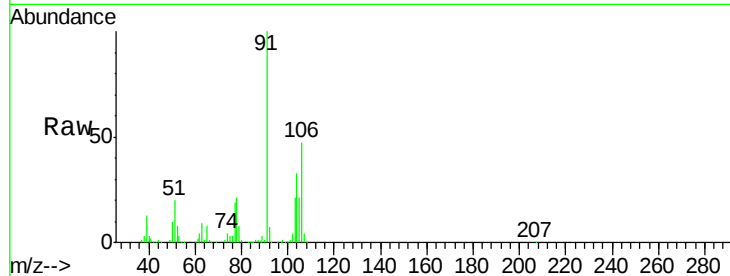




#69
o-Xylene
Concen: 20.76 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

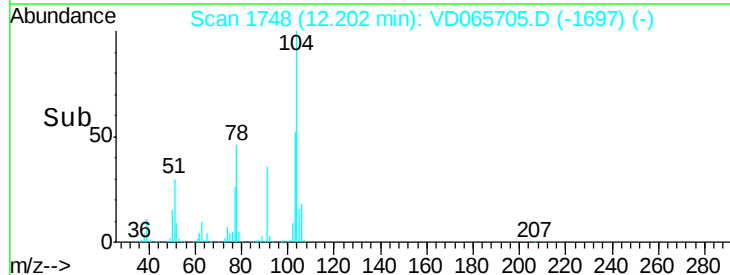
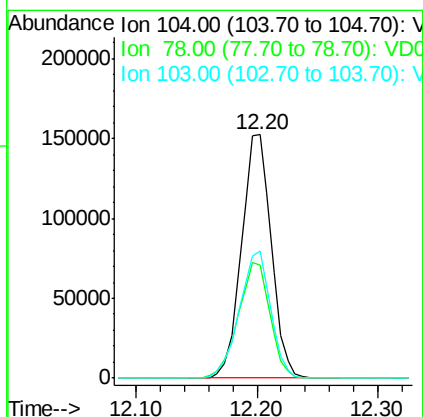
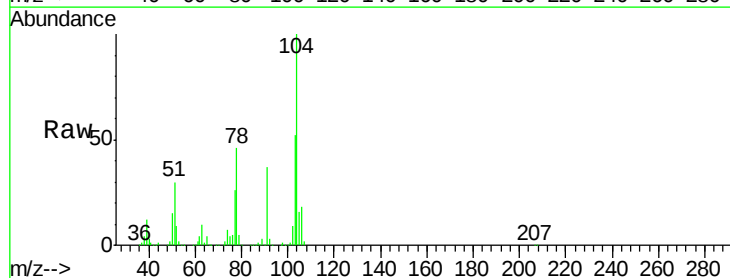
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

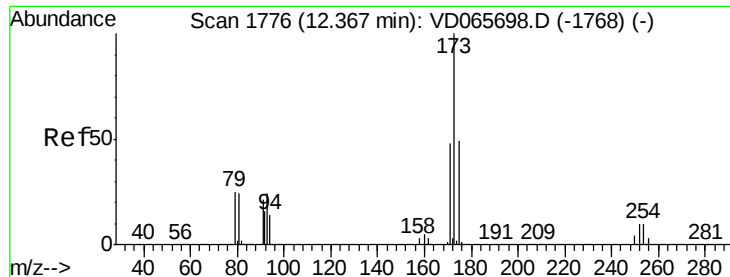
Tgt Ion:106 Resp: 153331
Ion Ratio Lower Upper
106 100
91 211.2 107.9 323.7



#70
Styrene
Concen: 20.68 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion:104 Resp: 262620
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.4
103 54.8 43.8 65.6

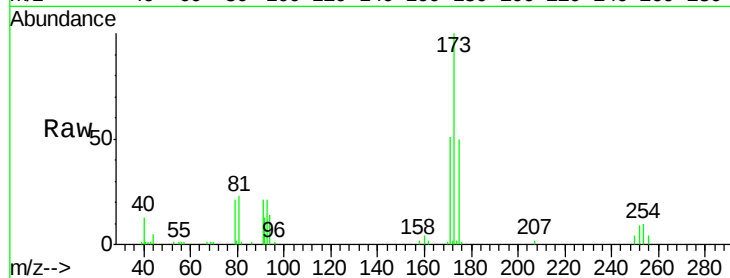




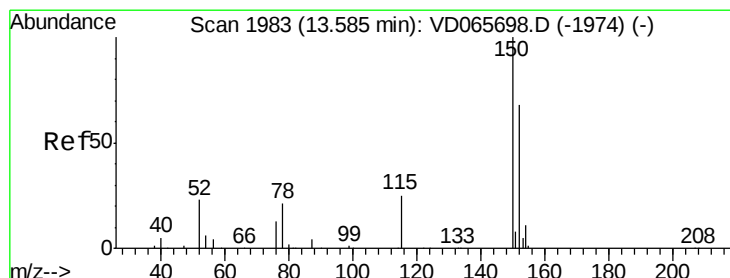
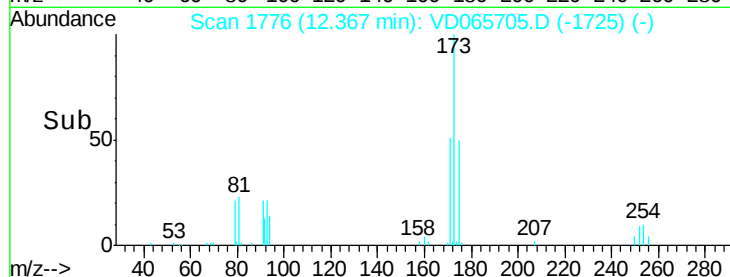
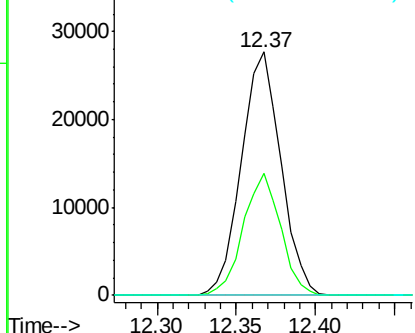
#71
Bromoform
Concen: 20.06 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

Tgt Ion:173 Resp: 47891
Ion Ratio Lower Upper
173 100
175 47.4 24.5 73.5
254 0.0 0.0 0.0

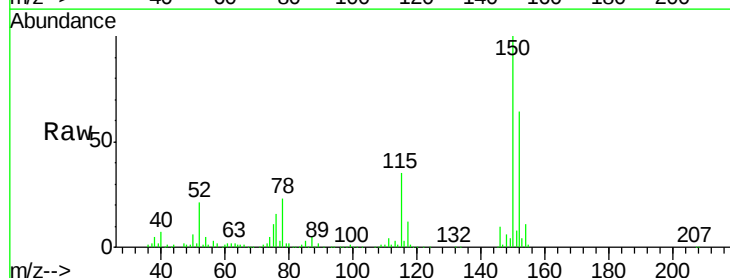


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

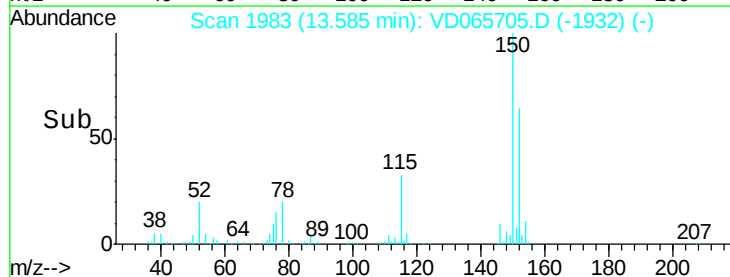
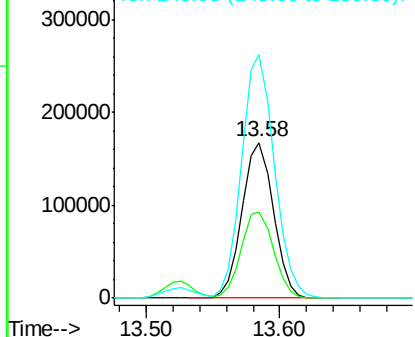


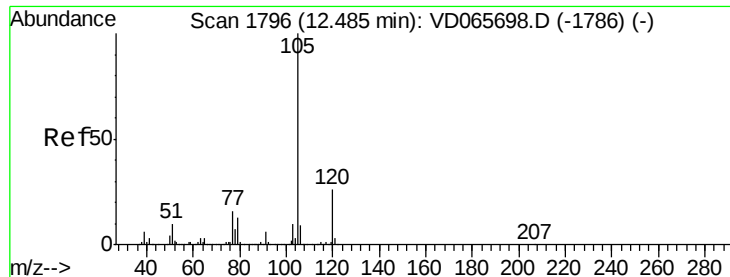
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion:152 Resp: 272995
Ion Ratio Lower Upper
152 100
115 56.9 29.5 88.5
150 163.4 0.0 346.8



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





#73

Isopropylbenzene

Concen: 20.25 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

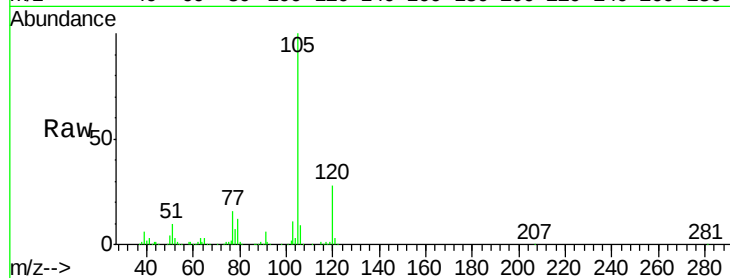
VD0507SBS01

Tgt Ion: 105 Resp: 418883

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

100000

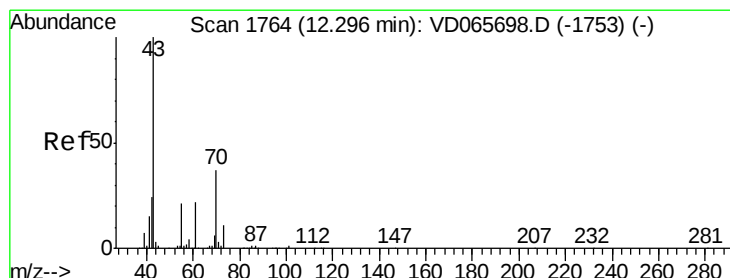
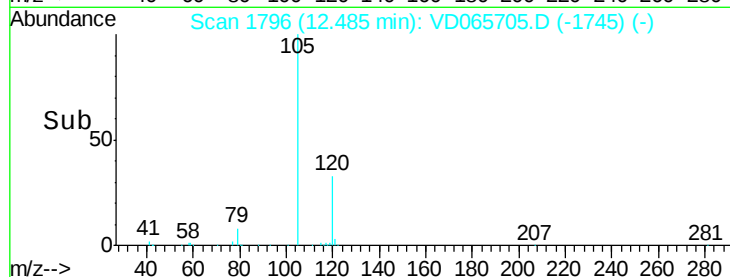
50000

0

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 17.59 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Tgt Ion: 43 Resp: 103879

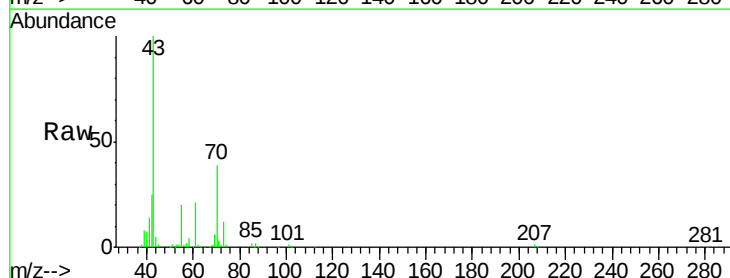
Ion Ratio Lower Upper

43 100

70 39.3 29.3 43.9

55 22.0 16.4 24.6

61 22.2 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

60000

40000

20000

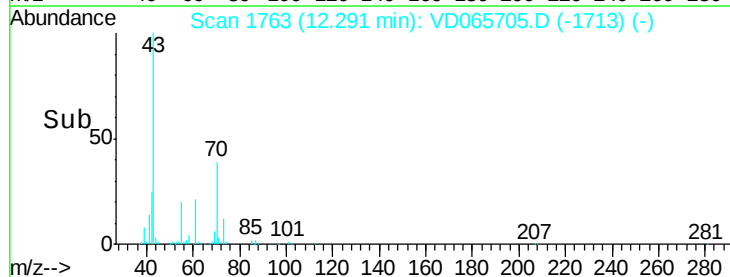
0

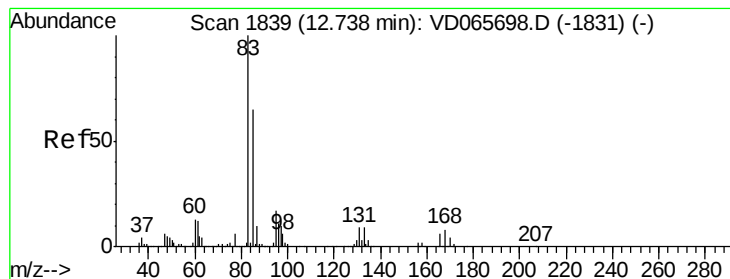
12.25

12.30

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.69 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBS01

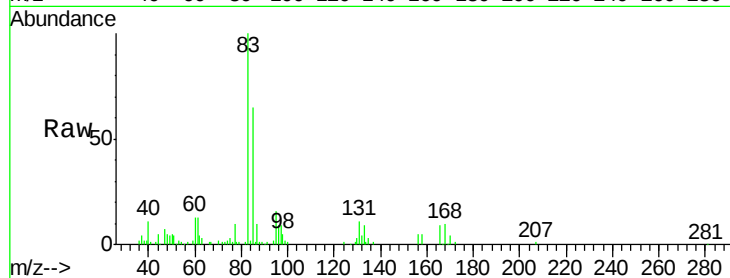
Tgt Ion: 83 Resp: 64835

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.7

85 64.2 31.9 95.9



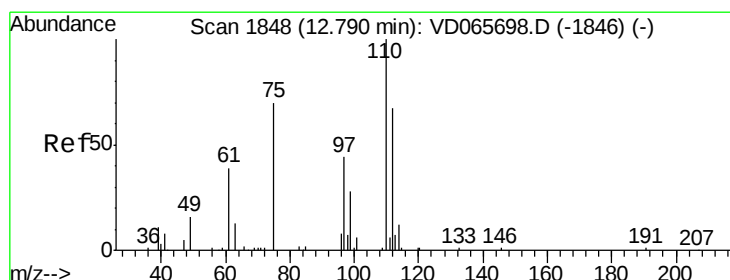
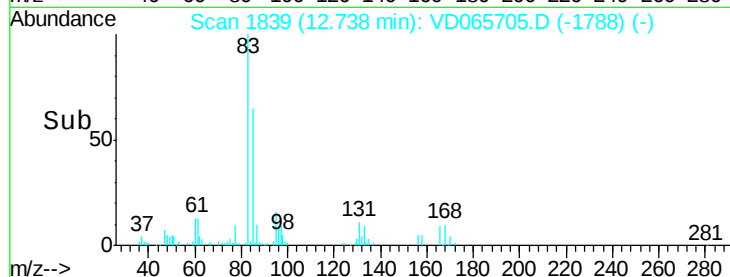
Abundance Ion 82.90 (82.60 to 83.60): VD065705.D (-1788) (-)

Ion 130.80 (130.50 to 131.50): VD065705.D (-1788) (-)

Ion 84.90 (84.60 to 85.60): VD065705.D (-1788) (-)

12.74

Time-->



#76

1,2,3-Trichloropropane

Concen: 39.09 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065705.D

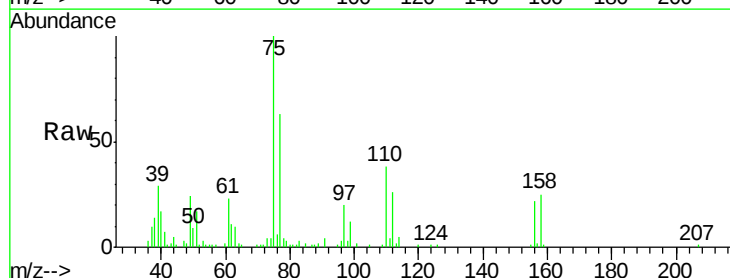
Acq: 07 May 2020 11:34

Tgt Ion: 75 Resp: 90136

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

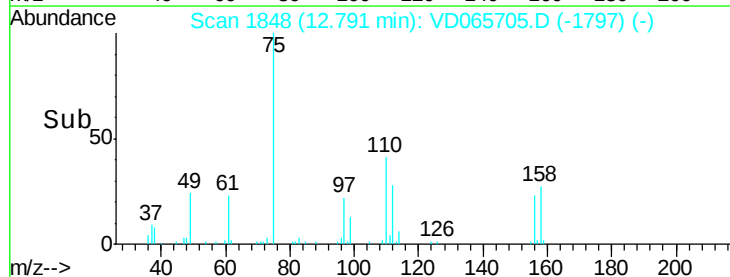


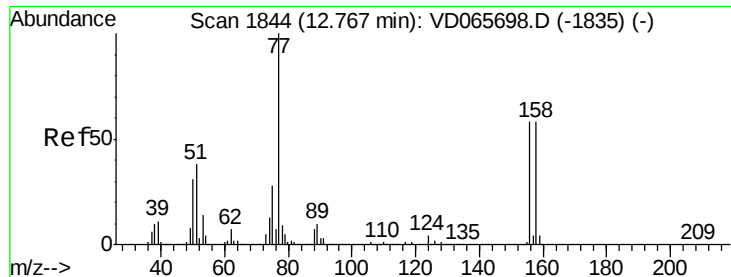
Abundance Ion 74.90 (74.60 to 75.60): VD065705.D (-1797) (-)

Ion 77.00 (76.70 to 77.70): VD065705.D (-1797) (-)

12.79

Time-->

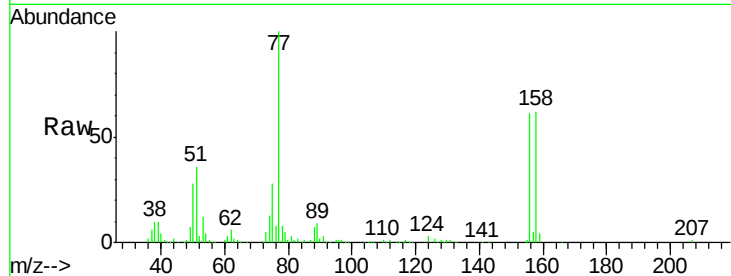




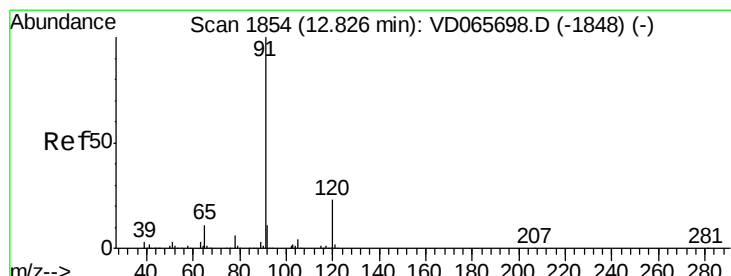
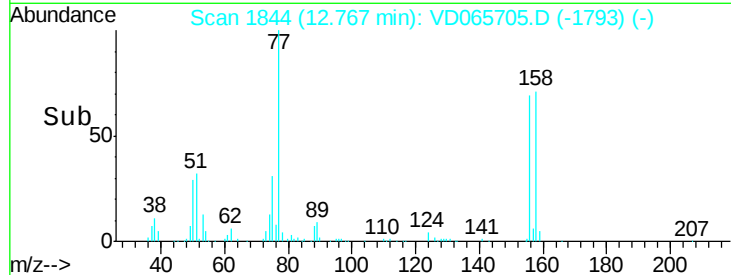
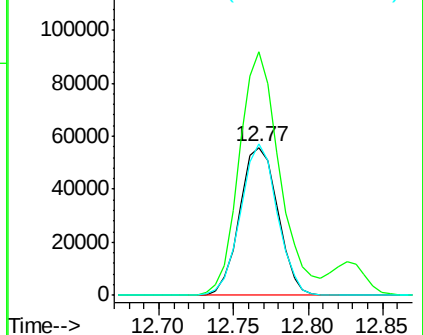
#77
Bromobenzene
Concen: 20.86 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

Tgt Ion:156 Resp: 98929
Ion Ratio Lower Upper
156 100
77 174.6 92.9 278.7
158 98.2 48.9 146.7

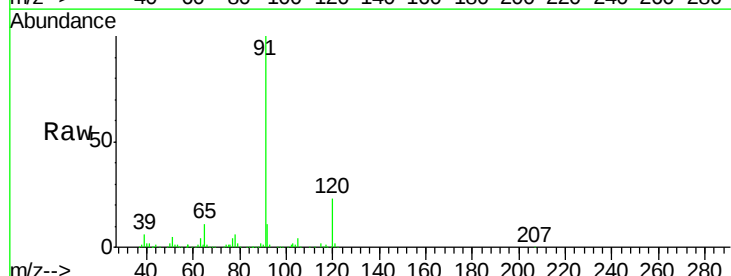


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

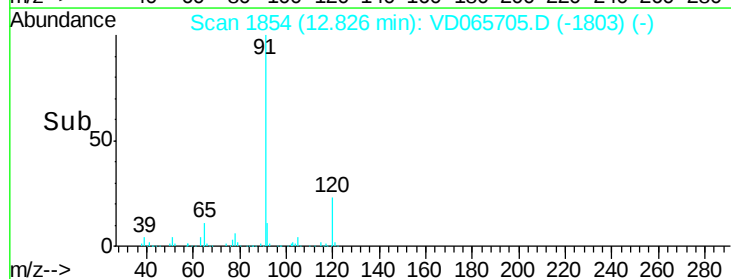
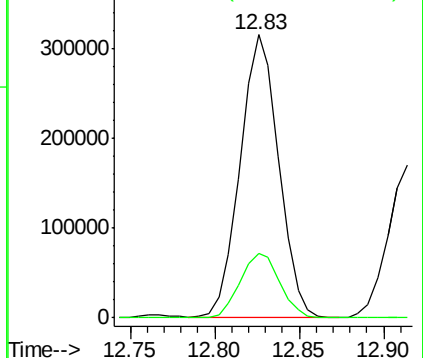


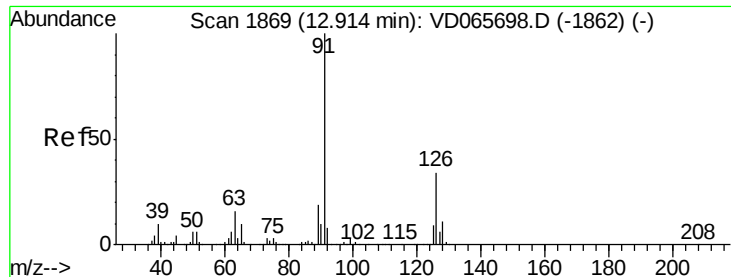
#78
n-propylbenzene
Concen: 20.58 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion: 91 Resp: 501335
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V

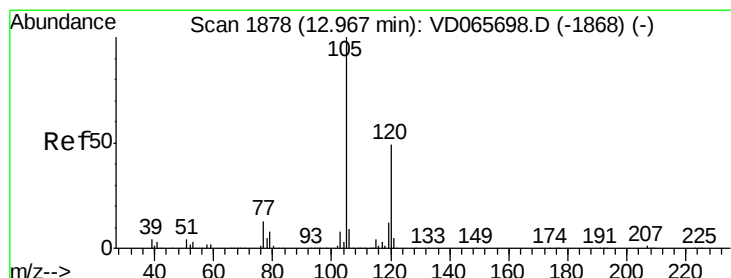
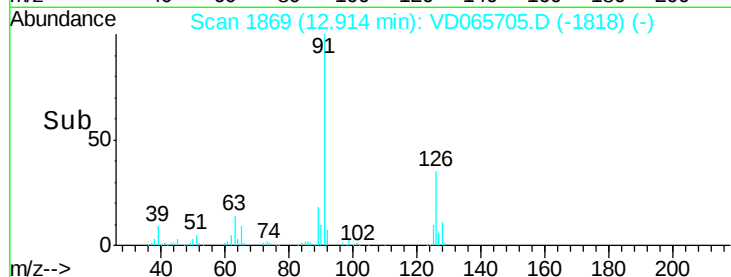
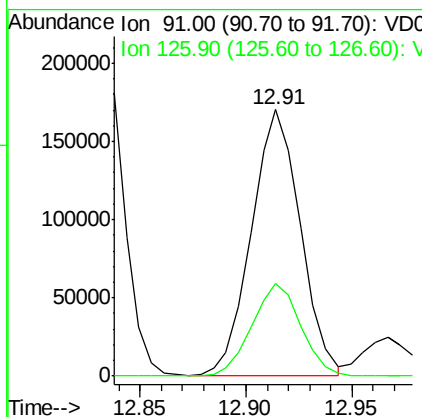
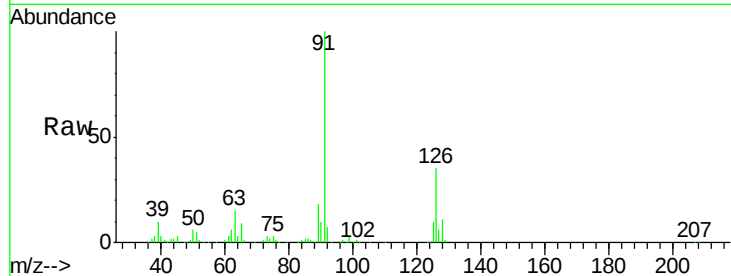




#79
2-Chlorotoluene
Concen: 19.88 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

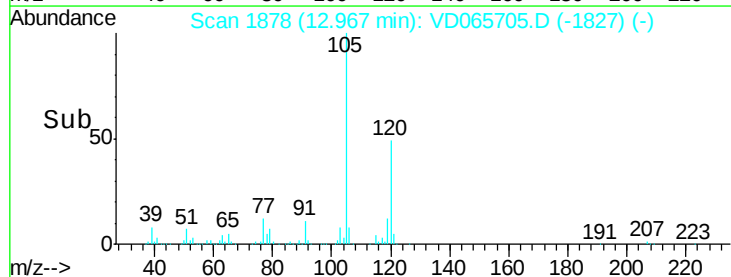
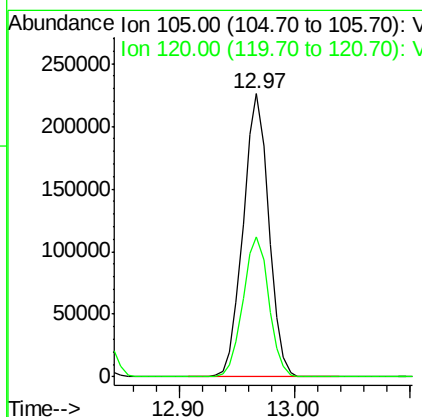
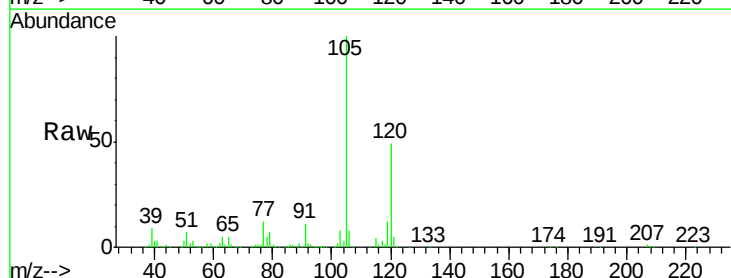
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

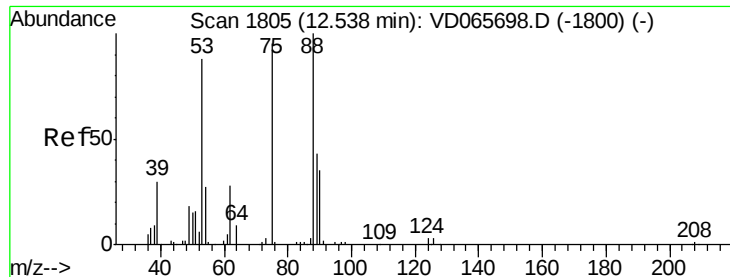
Tgt Ion: 91 Resp: 27352
Ion Ratio Lower Upper
91 100
126 34.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.49 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion: 105 Resp: 347981
Ion Ratio Lower Upper
105 100
120 49.9 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.78 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBS01

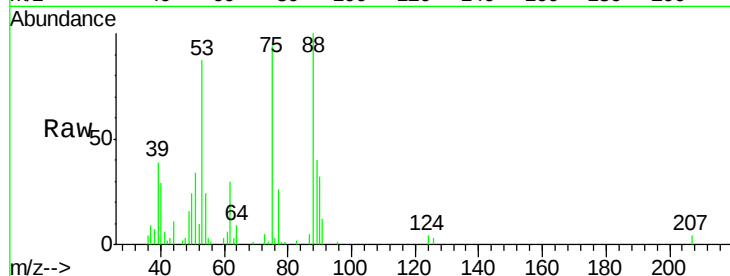
Tgt Ion: 75 Resp: 24459

Ion Ratio Lower Upper

75 100

53 92.3 75.8 113.8

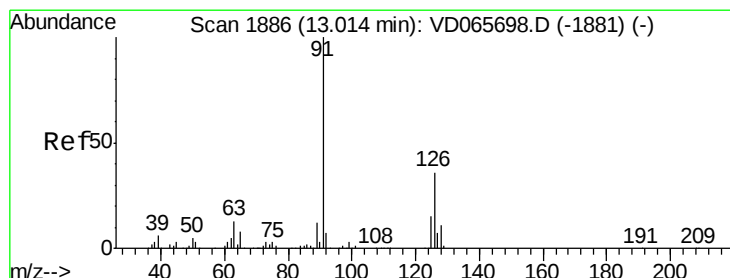
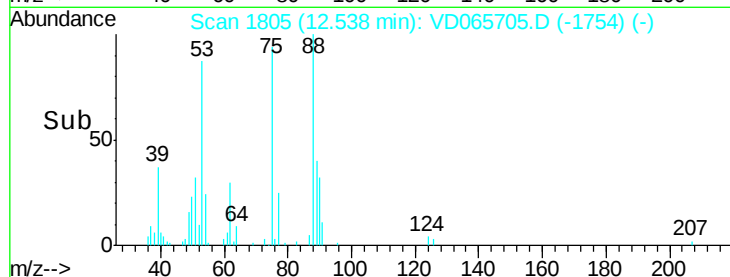
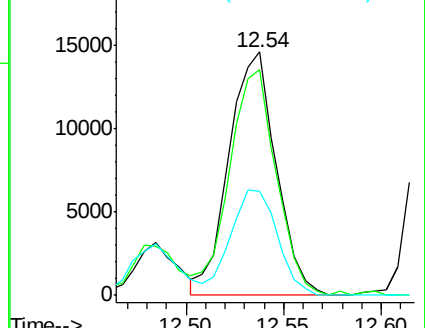
89 43.0 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 19.63 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065705.D

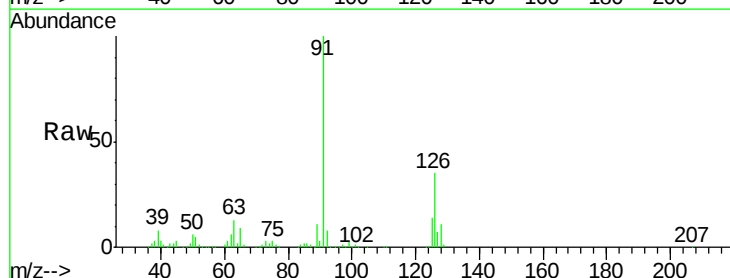
Acq: 07 May 2020 11:34

Tgt Ion: 91 Resp: 282661

Ion Ratio Lower Upper

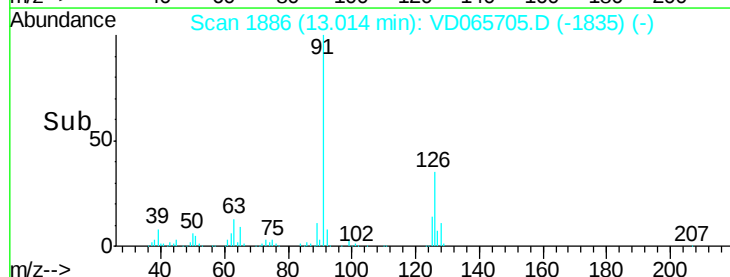
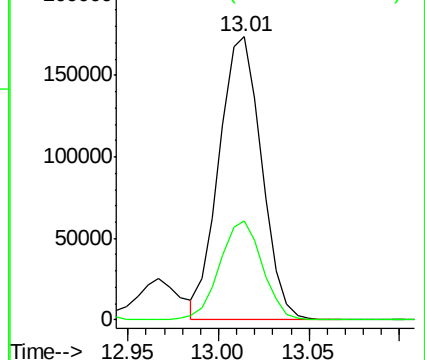
91 100

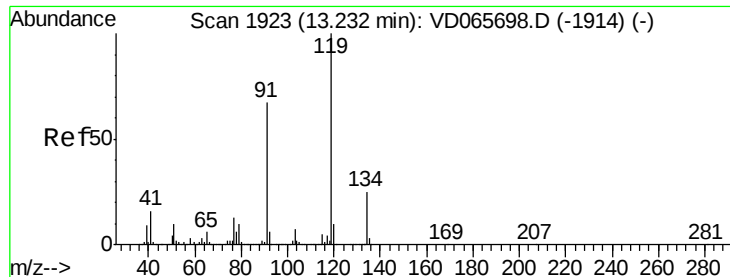
126 35.2 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC

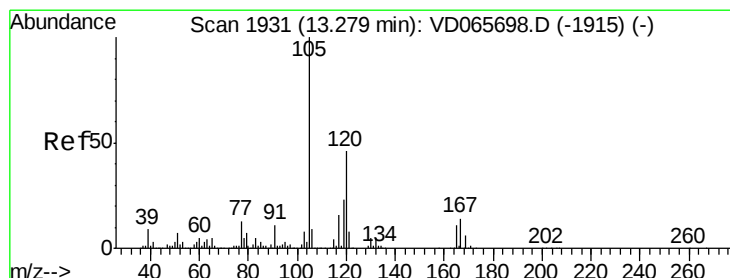
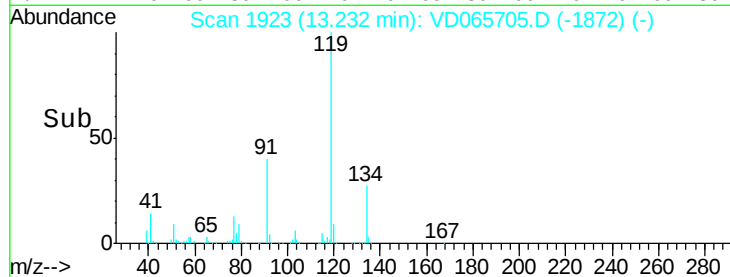
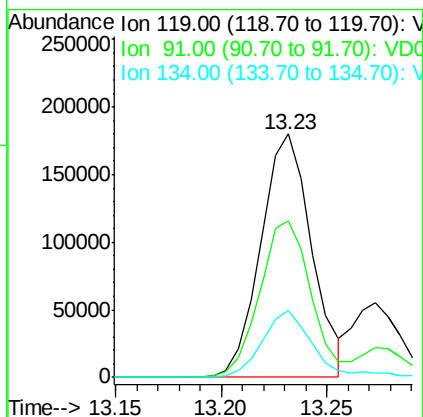
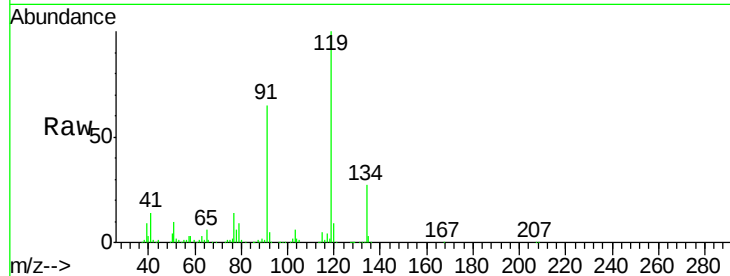




#83
 tert-Butylbenzene
 Concen: 20.83 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

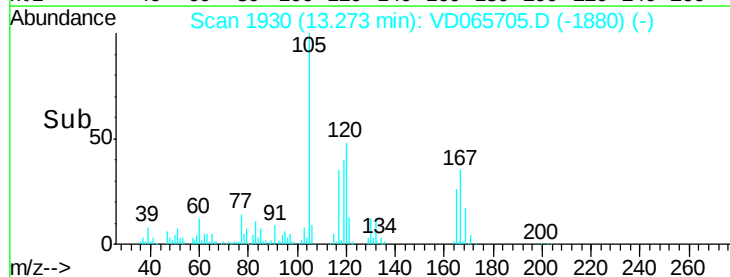
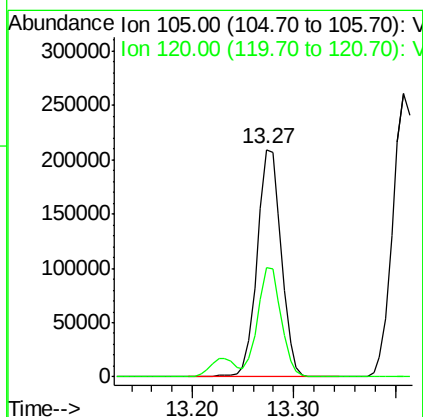
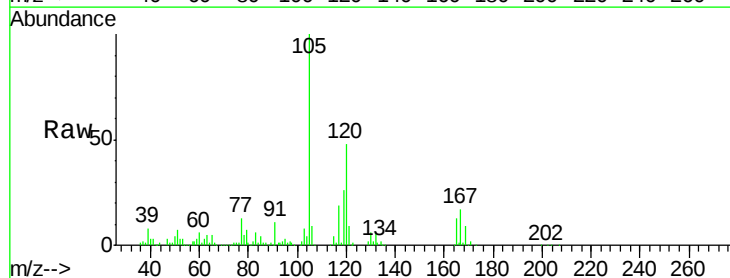
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

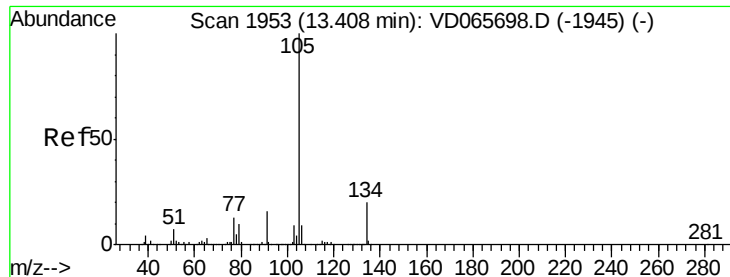
Tgt Ion:119 Resp: 301164
 Ion Ratio Lower Upper
 119 100
 91 65.7 33.6 100.8
 134 27.4 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.34 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

Tgt Ion:105 Resp: 344038
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.8 68.4

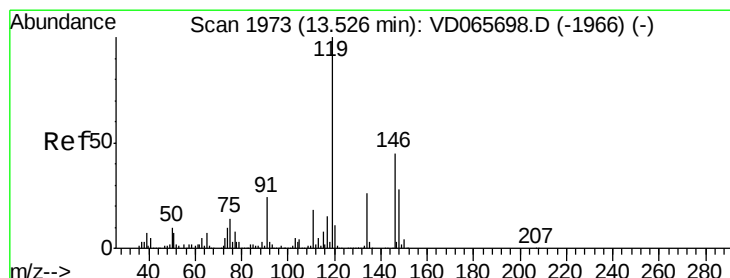
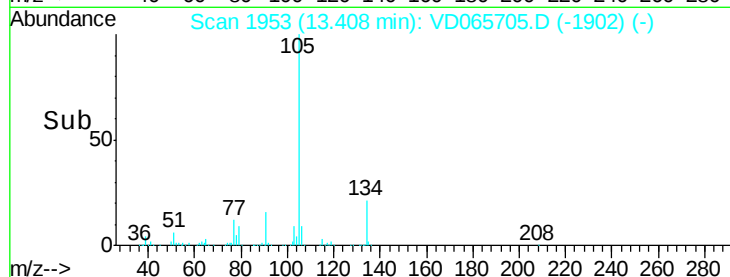
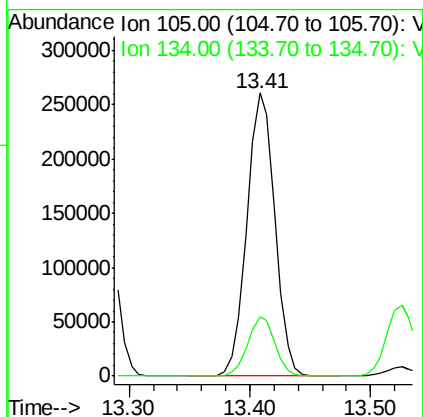
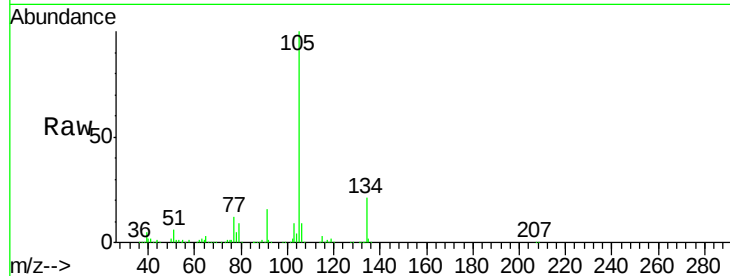




#85
 sec-Butylbenzene
 Concen: 20.75 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

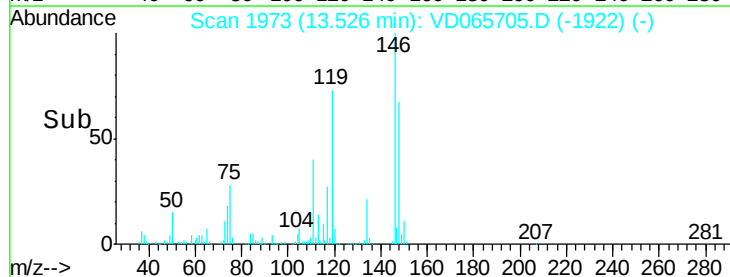
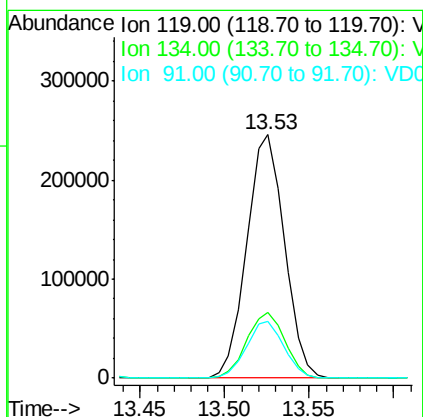
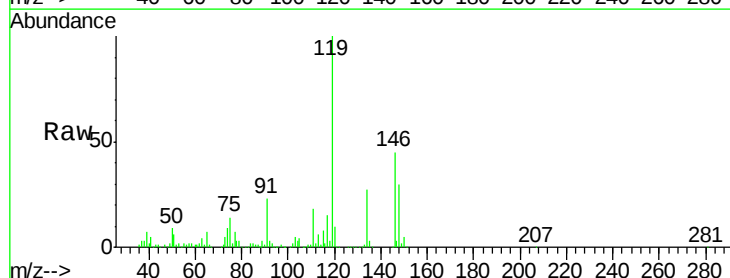
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

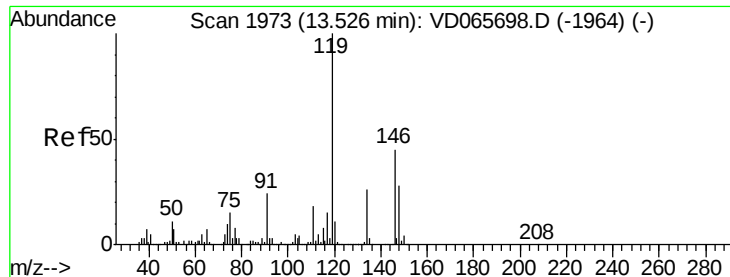
Tgt Ion:105 Resp: 420788
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.71 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

Tgt Ion:119 Resp: 382585
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.2 39.6
 91 23.2 12.0 36.1

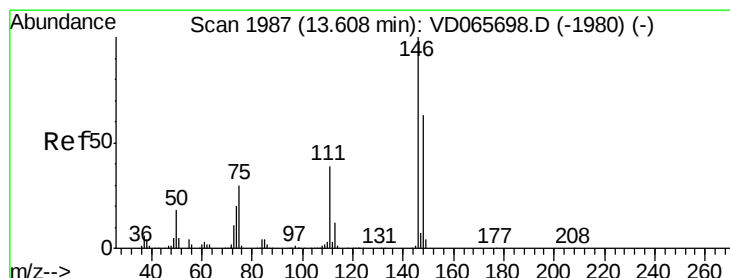
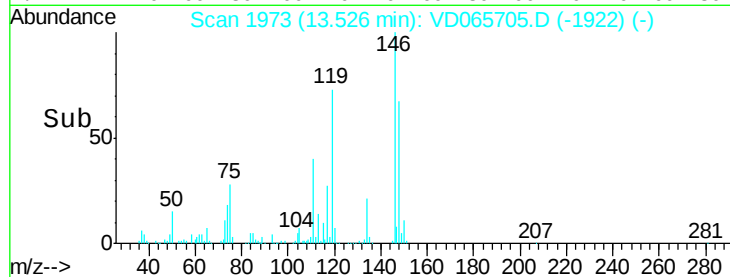
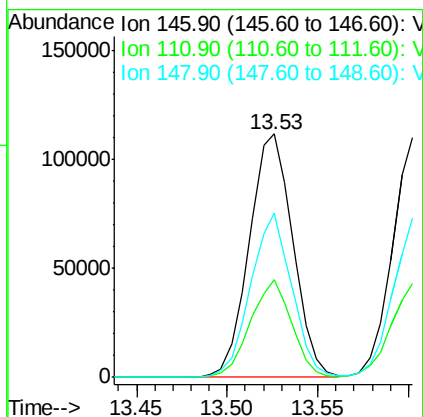
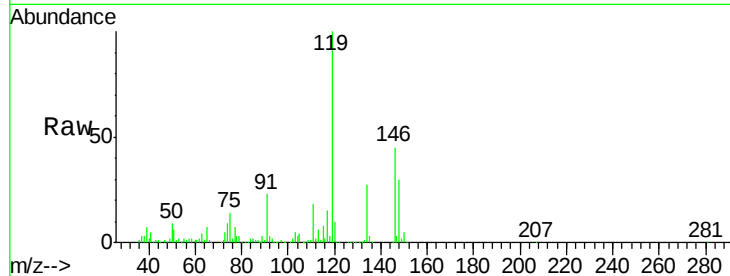




#87
 1,3-Dichlorobenzene
 Concen: 20.89 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

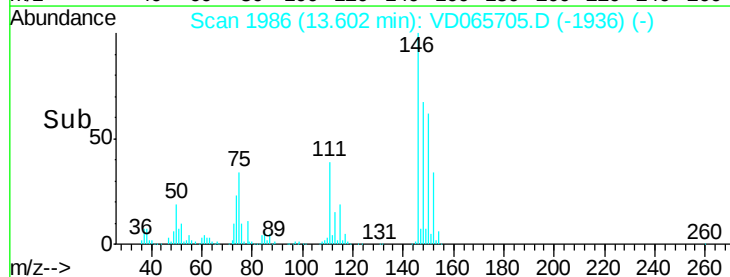
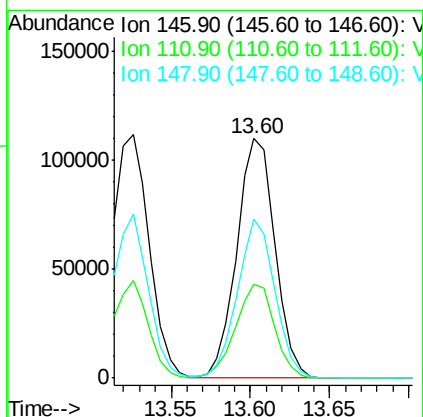
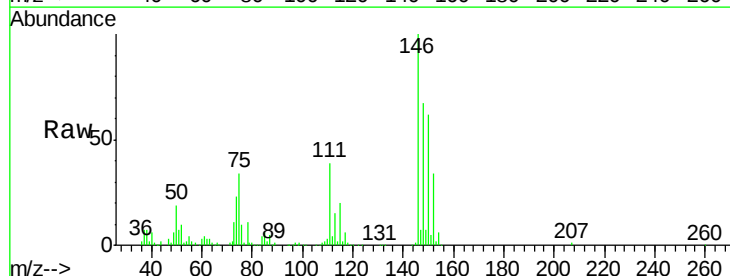
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

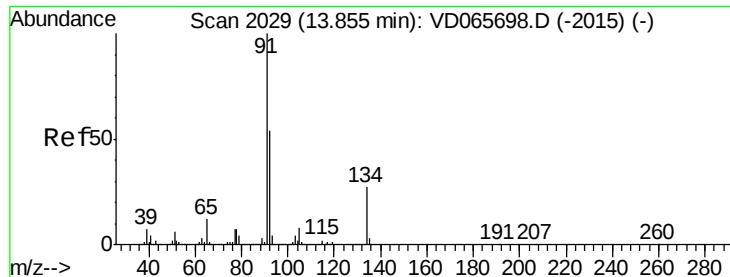
Tgt Ion:146 Resp: 186213
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.6 58.8
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.86 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

Tgt Ion:146 Resp: 183483
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.6 58.7
 148 65.0 31.9 95.5

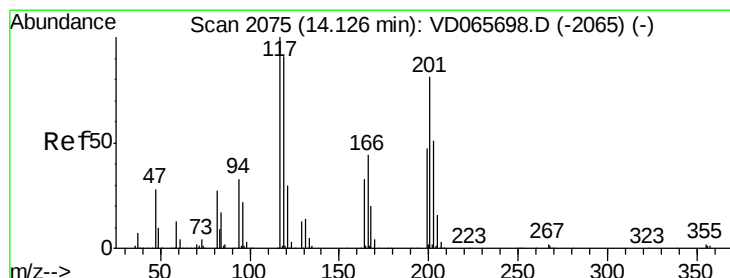
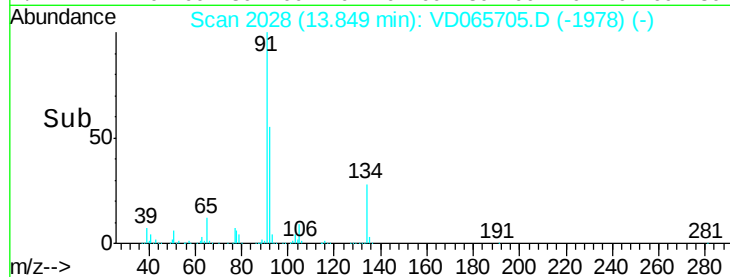
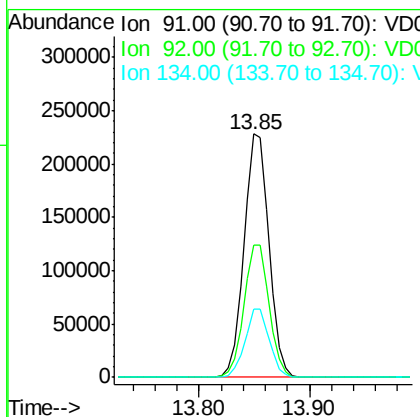
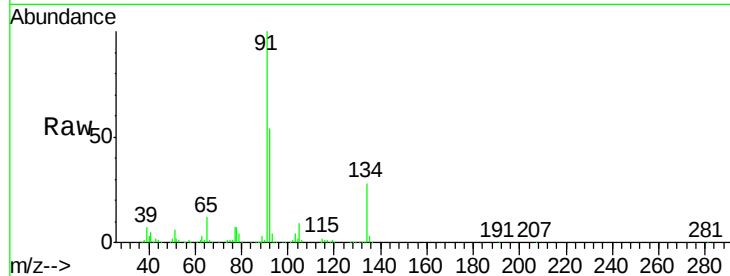




#89
n-Butylbenzene
Concen: 20.17 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

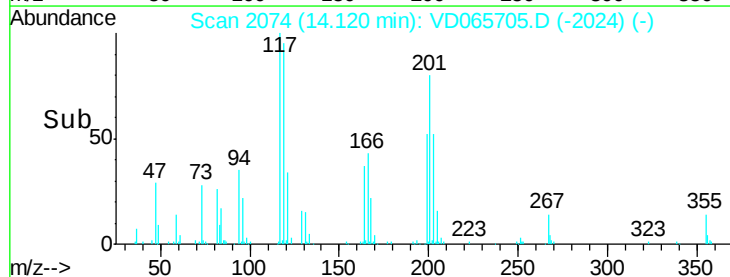
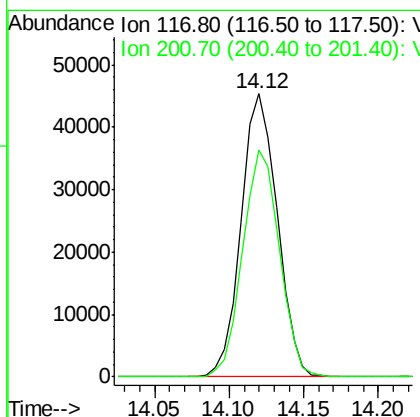
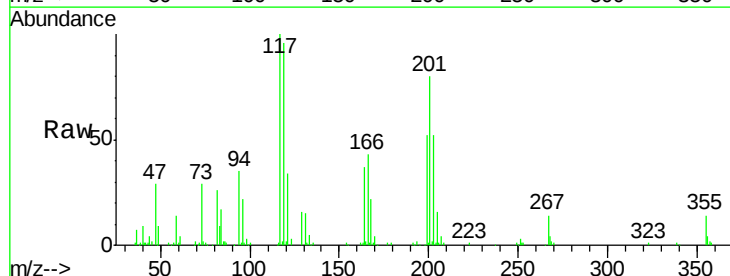
Instrument :
MSVOA_D
ClientSampleId :
VD0507SBS01

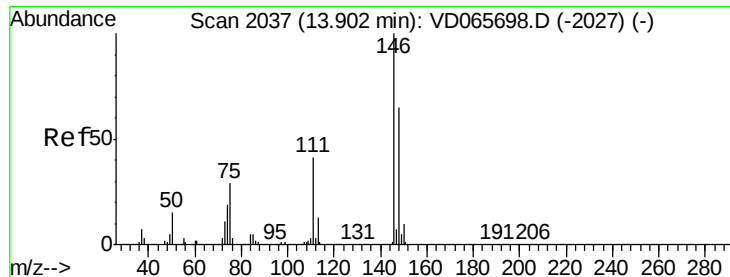
Tgt Ion: 91 Resp: 361138
Ion Ratio Lower Upper
91 100
92 54.9 27.4 82.0
134 27.3 13.3 39.8



#90
Hexachloroethane
Concen: 20.65 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.01 min
Lab File: VD065705.D
Acq: 07 May 2020 11:34

Tgt Ion: 117 Resp: 76001
Ion Ratio Lower Upper
117 100
201 81.2 39.1 117.2

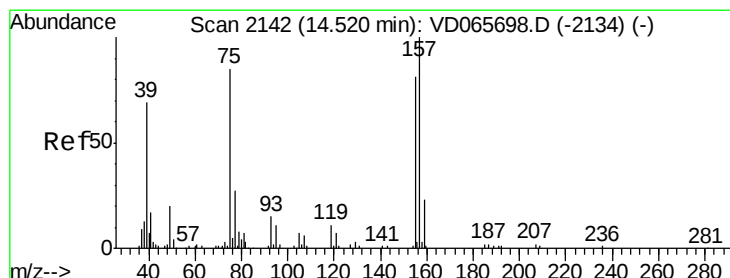
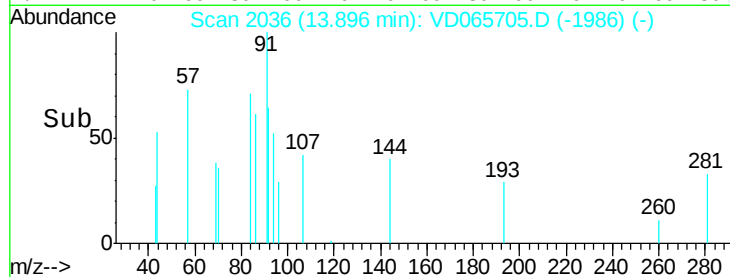
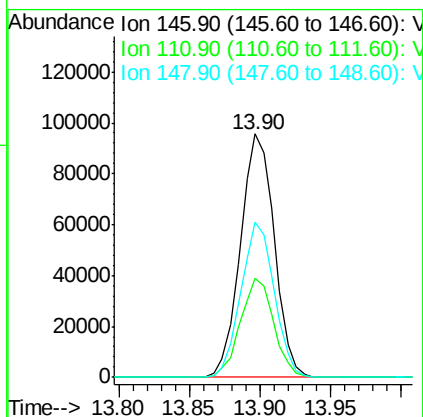
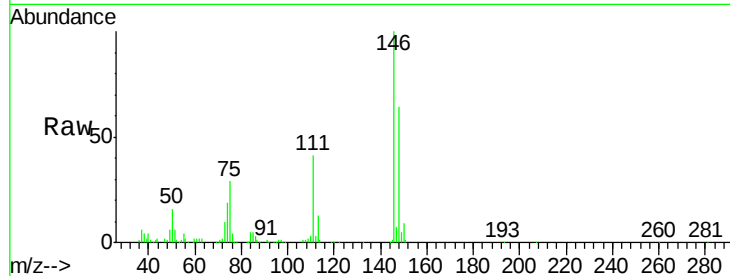




#91
 1,2-Dichlorobenzene
 Concen: 20.88 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

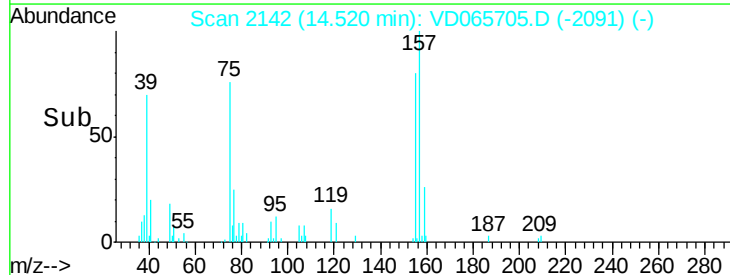
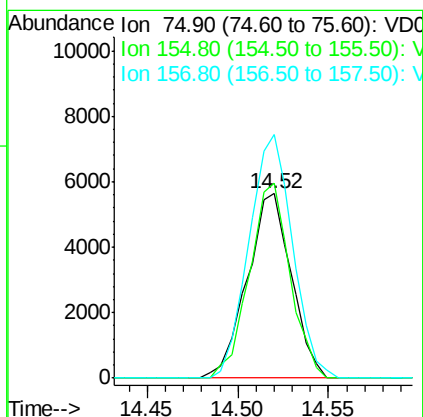
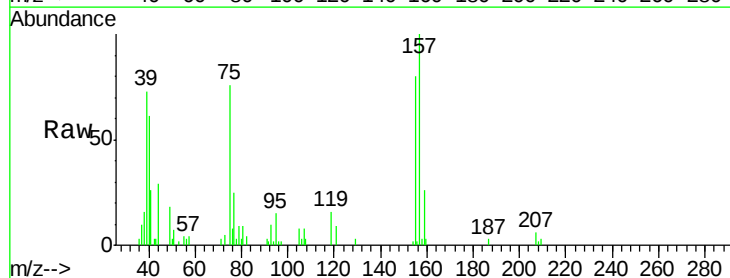
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

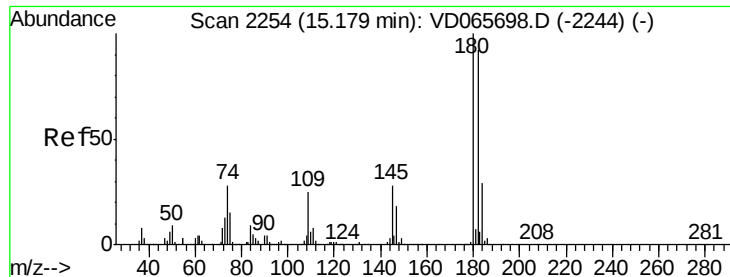
Tgt Ion: 146 Resp: 160591
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 61.0
 148 62.9 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.38 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

Tgt Ion: 75 Resp: 9547
 Ion Ratio Lower Upper
 75 100
 155 97.5 43.5 130.5
 157 129.9 54.5 163.6

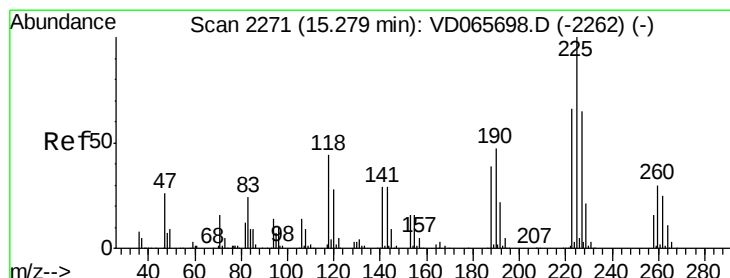
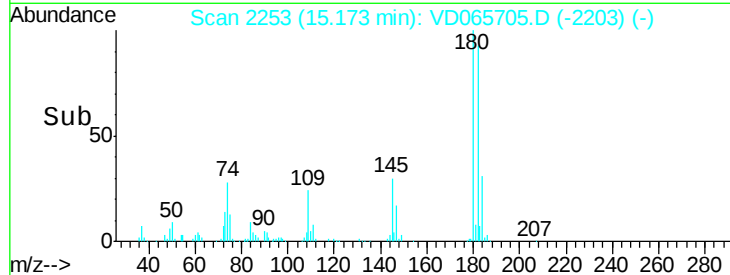
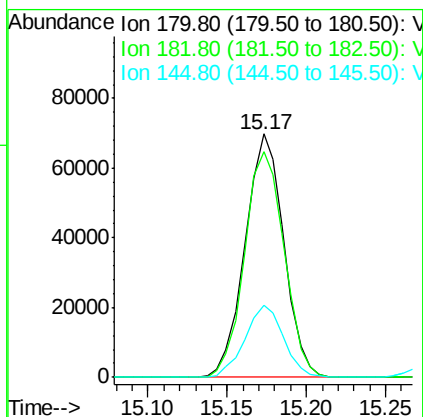
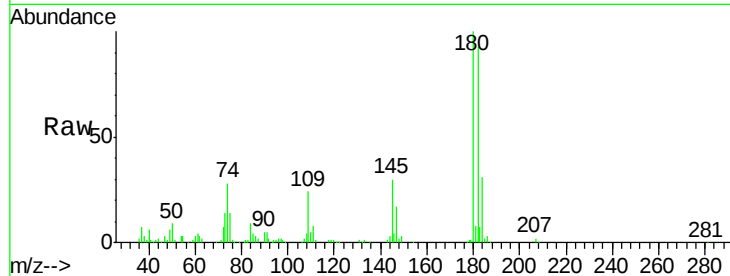




#93
 1,2,4-Trichlorobenzene
 Concen: 20.54 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

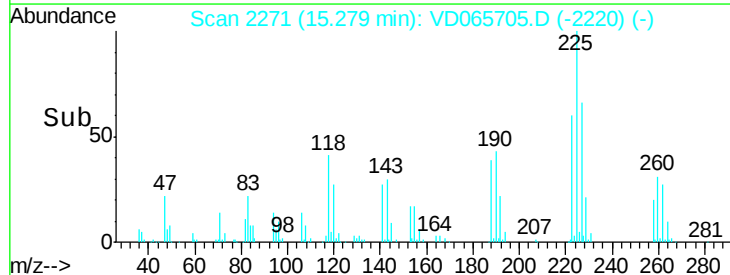
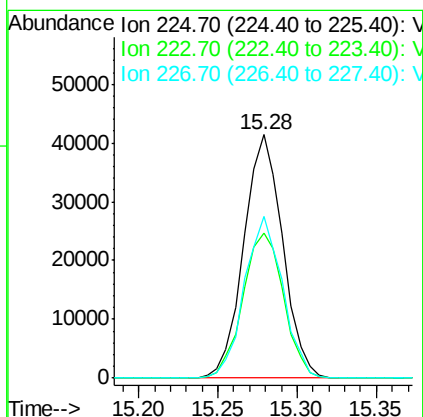
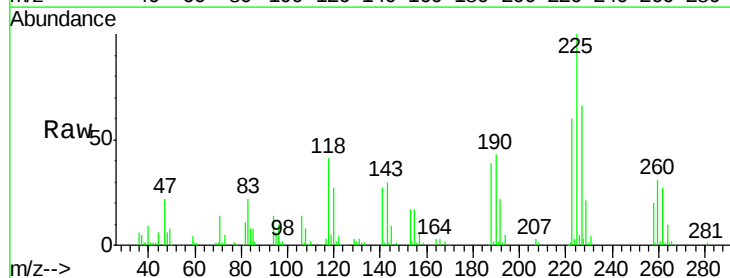
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

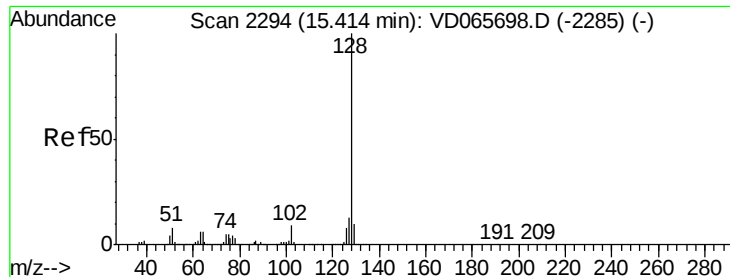
Tgt Ion:180 Resp: 118536
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.0 141.0
 145 29.5 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 21.14 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065705.D
 Acq: 07 May 2020 11:34

Tgt Ion:225 Resp: 70719
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.8 95.3
 227 65.1 31.6 94.8





#95

Naphthalene

Concen: 19.51 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065705.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0507SBS01

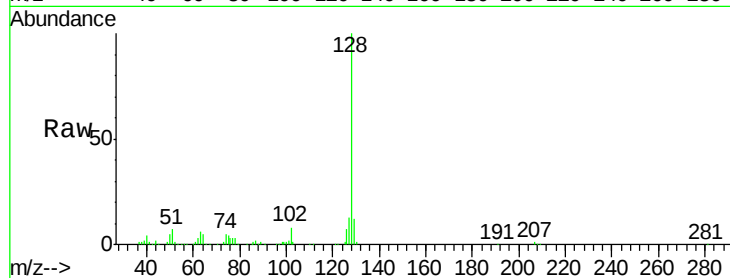
Tgt Ion:128 Resp: 197932

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

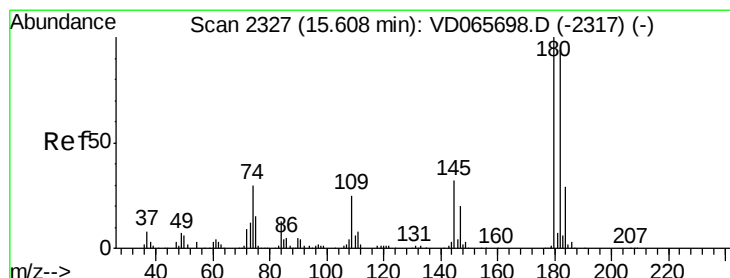
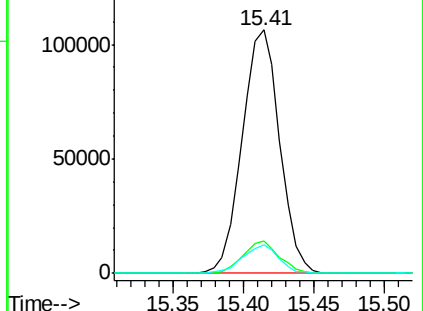
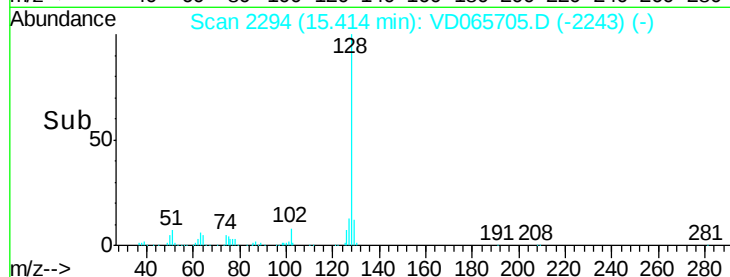
129 11.2 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.33 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD065705.D

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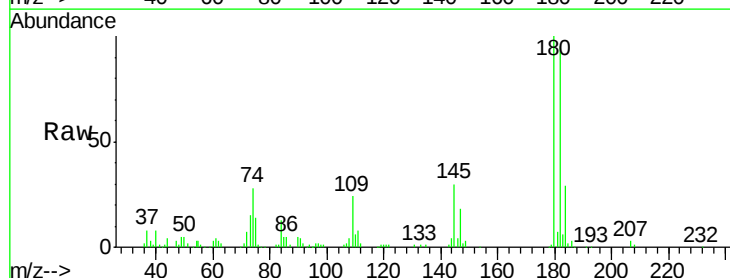
Tgt Ion:180 Resp: 99792

Ion Ratio Lower Upper

180 100

182 94.1 46.9 140.6

145 31.0 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

