

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050720\
 Data File : VD065709.D
 Acq On : 07 May 2020 13:23
 Operator : VA/SY
 Sample : L2182-02 5PPBLOQ
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

Quant Time: May 08 08:00:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 08 07:56:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	400609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	609629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	540888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	187699	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	7.92	113	192311	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.34	98	733606	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.64	95	253818	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	16032	5.10	ug/l	95
3) Chloromethane	2.21	50	21856	5.52	ug/l	93
4) Vinyl Chloride	2.35	62	22131	5.51	ug/l	98
5) Bromomethane	2.77	94	15888	6.27	ug/l	94
6) Chloroethane	2.92	64	14761	5.72	ug/l #	88
7) Trichlorofluoromethane	3.27	101	32077	5.01	ug/l	91
8) Diethyl Ether	3.71	74	9809	4.89	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	19768	5.08	ug/l	97
10) Methyl Iodide	4.29	142	16108	4.22	ug/l	98
11) Tert butyl alcohol	5.20	59	13980	39.10	ug/l #	86
12) 1,1-Dichloroethene	4.07	96	18862	4.94	ug/l	90
13) Acrolein	3.92	56	8747	26.53	ug/l #	82
14) Allyl chloride	4.71	41	32430	4.26	ug/l	92
15) Acrylonitrile	5.42	53	21867	23.18	ug/l	98
16) Acetone	4.16	43	18074	21.10	ug/l #	86
17) Carbon Disulfide	4.41	76	59300	4.72	ug/l	98
18) Methyl Acetate	4.73	43	11004	5.17	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	45271	4.89	ug/l	91
20) Methylene Chloride	4.97	84	25630	5.94	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	21919	5.01	ug/l	96
22) Diisopropyl ether	6.37	45	66103	4.67	ug/l #	95
23) Vinyl Acetate	6.31	43	186880	21.84	ug/l	97
24) 1,1-Dichloroethane	6.26	63	36006	4.64	ug/l	93
25) 2-Butanone	7.21	43	30022	23.62	ug/l	99
26) 2,2-Dichloropropane	7.21	77	34276	4.91	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	23095	4.87	ug/l	96
28) Bromochloromethane	7.56	49	14432	4.46	ug/l	96
29) Tetrahydrofuran	7.56	42	20443	24.96	ug/l	97
30) Chloroform	7.71	83	36033	4.83	ug/l	96
31) Cyclohexane	7.98	56	43105	5.37	ug/l #	75
32) 1,1,1-Trichloroethane	7.90	97	32858	4.75	ug/l	98
36) 1,1-Dichloropropene	8.11	75	29642	4.90	ug/l	96
37) Ethyl Acetate	7.30	43	14000	4.80	ug/l #	95
38) Carbon Tetrachloride	8.10	117	29999	5.00	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050720\
 Data File : VD065709.D
 Acq On : 07 May 2020 13:23
 Operator : VA/SY
 Sample : L2182-02 5PPBLOQ
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

Quant Time: May 08 08:00:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 08 07:56:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	39289	5.17	ug/l	96
40) Benzene	8.36	78	80931	4.89	ug/l	97
41) Methacrylonitrile	7.53	41	7941	4.72	ug/l	99
42) 1,2-Dichloroethane	8.43	62	23529	4.95	ug/l	94
43) Isopropyl Acetate	8.46	43	29797	5.11	ug/l	99
44) Trichloroethene	9.11	130	23811	5.23	ug/l	94
45) 1,2-Dichloropropane	9.39	63	20353	4.76	ug/l #	89
46) Dibromomethane	9.48	93	10473	4.88	ug/l	99
47) Bromodichloromethane	9.67	83	28030	4.89	ug/l	98
48) Methyl methacrylate	9.46	41	12751	4.37	ug/l	87
49) 1,4-Dioxane	9.46	88	2682	102.01	ug/l #	90
51) 4-Methyl-2-Pentanone	10.23	43	69699	24.81	ug/l	99
52) Toluene	10.40	92	51489	4.92	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	28456	4.90	ug/l	91
54) cis-1,3-Dichloropropene	10.09	75	32798	4.79	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	15113	5.23	ug/l	92
56) Ethyl methacrylate	10.66	69	20298	4.86	ug/l	93
57) 1,3-Dichloropropane	10.95	76	25385	4.88	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	47654	24.86	ug/l	99
59) 2-Hexanone	10.98	43	43798	22.66	ug/l	96
60) Dibromochloromethane	11.14	129	19353	4.98	ug/l	99
61) 1,2-Dibromoethane	11.25	107	14479	4.98	ug/l	98
64) Tetrachloroethene	10.88	164	20193	5.25	ug/l	97
65) Chlorobenzene	11.67	112	54676	5.02	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	20907	5.15	ug/l	96
67) Ethyl Benzene	11.75	91	102414	5.04	ug/l	96
68) m/p-Xylenes	11.86	106	76488	10.09	ug/l	96
69) o-Xylene	12.18	106	34511	4.88	ug/l	100
70) Styrene	12.20	104	60976	5.01	ug/l	97
71) Bromoform	12.37	173	11753	5.14	ug/l #	99
73) Isopropylbenzene	12.48	105	95201	4.72	ug/l	99
74) N-amyl acetate	12.30	43	25990	4.51	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	16790	4.97	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	22498	10.01	ug/l #	100
77) Bromobenzene	12.77	156	23018	4.98	ug/l	95
78) n-propylbenzene	12.83	91	111363	4.69	ug/l	99
79) 2-Chlorotoluene	12.91	91	63381	4.72	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	78299	4.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	5761	4.54	ug/l	100
82) 4-Chlorotoluene	13.01	91	66767	4.76	ug/l	98
83) tert-Butylbenzene	13.23	119	69056	4.90	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	79324	4.81	ug/l	97
85) sec-Butylbenzene	13.41	105	94131	4.76	ug/l	98
86) p-Isopropyltoluene	13.53	119	87890	4.88	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	43763	5.04	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	44011	5.13	ug/l	98
89) n-Butylbenzene	13.85	91	82430	4.72	ug/l	99
90) Hexachloroethane	14.12	117	17996	5.02	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	38535	5.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	3004	5.28	ug/l	97

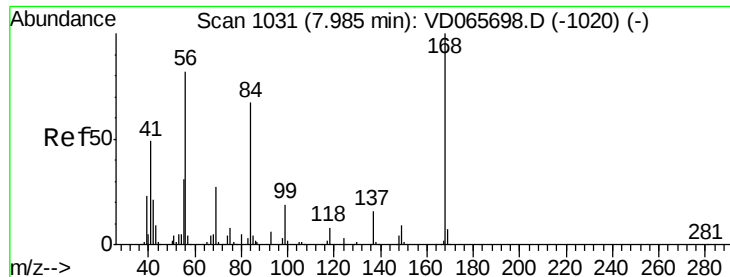
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050720\
Data File : VD065709.D
Acq On : 07 May 2020 13:23
Operator : VA/SY
Sample : L2182-02 5PPBLOQ
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0309

Quant Time: May 08 08:00:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
Quant Title : SW846 8260
QLast Update : Fri May 08 07:56:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	28705	5.10	ug/l	98
94) Hexachlorobutadiene	15.28	225	16780	5.15	ug/l	98
95) Naphthalene	15.41	128	48663	4.92	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	24594	5.14	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

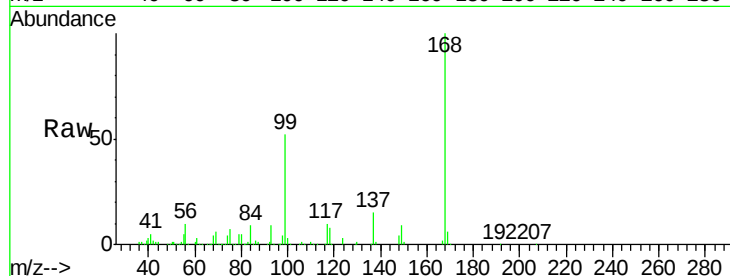
VD0309

Tgt Ion:168 Resp: 400609

Ion Ratio Lower Upper

168 100

99 52.1 44.2 66.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

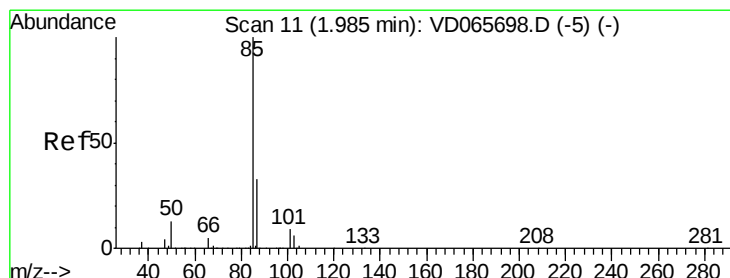
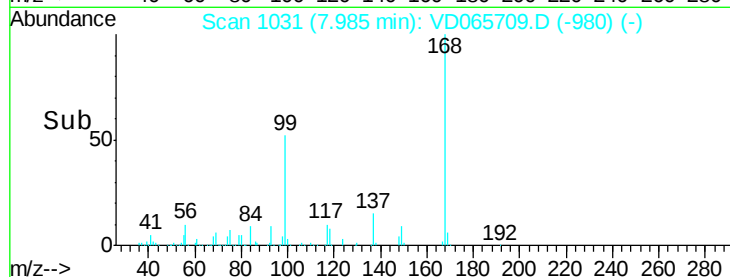
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.10 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065709.D

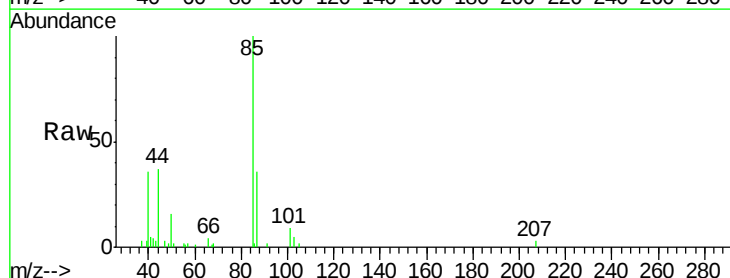
Acq: 07 May 2020 13:23

Tgt Ion: 85 Resp: 16032

Ion Ratio Lower Upper

85 100

87 36.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

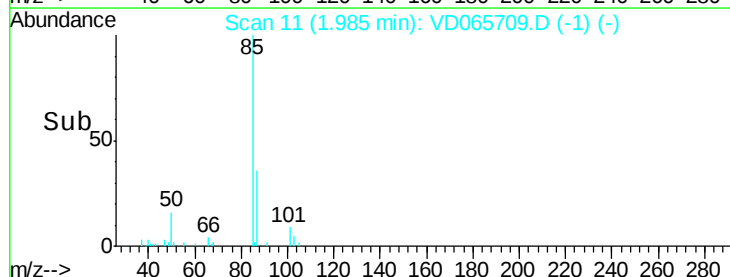
1.98

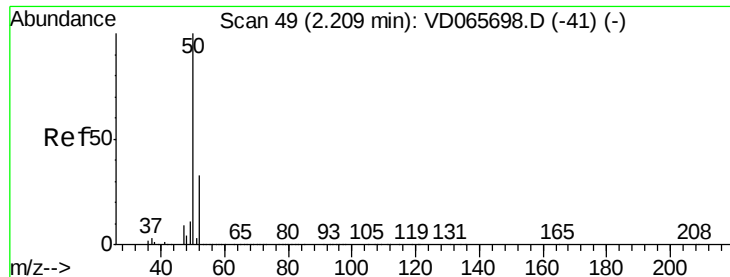
10000

5000

0

Time-->





#3

Chloromethane

Concen: 5.52 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

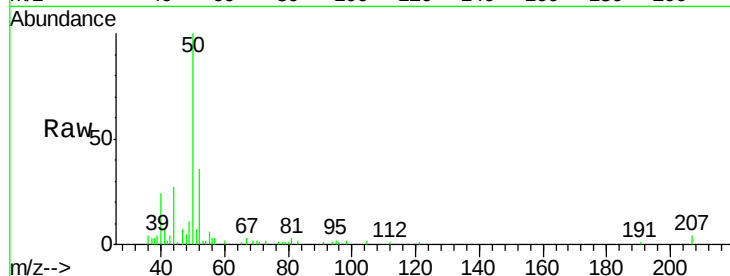
VD0309

Tgt Ion: 50 Resp: 21856

Ion Ratio Lower Upper

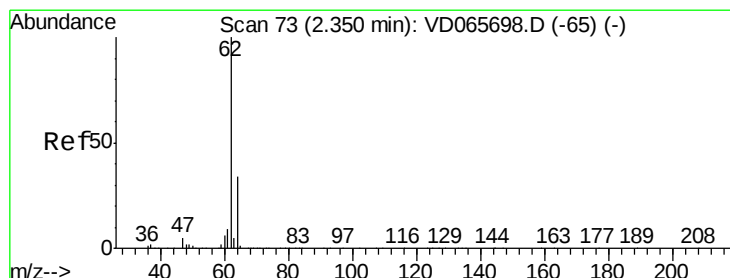
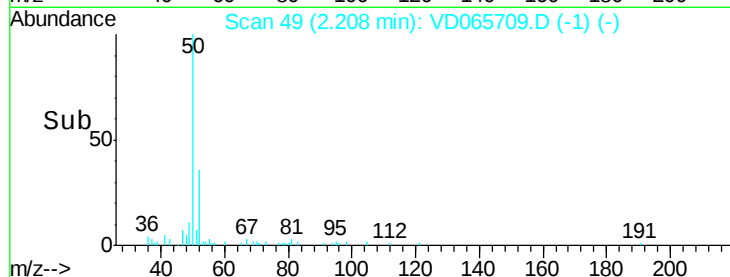
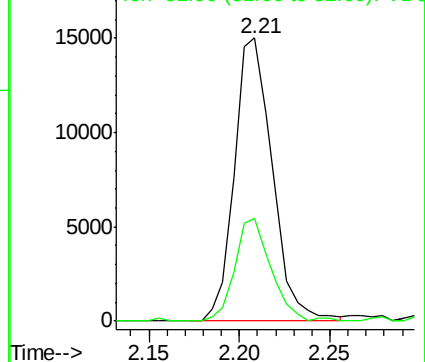
50 100

52 36.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 5.51 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065709.D

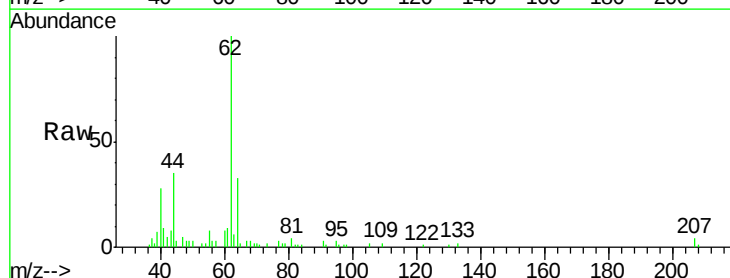
Acq: 07 May 2020 13:23

Tgt Ion: 62 Resp: 22131

Ion Ratio Lower Upper

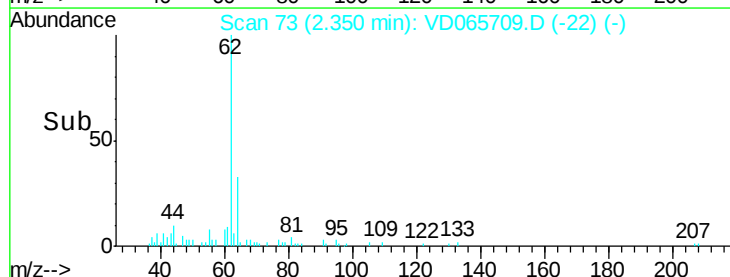
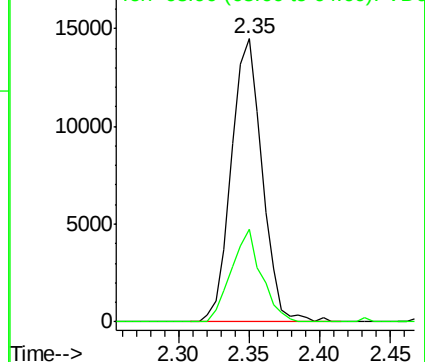
62 100

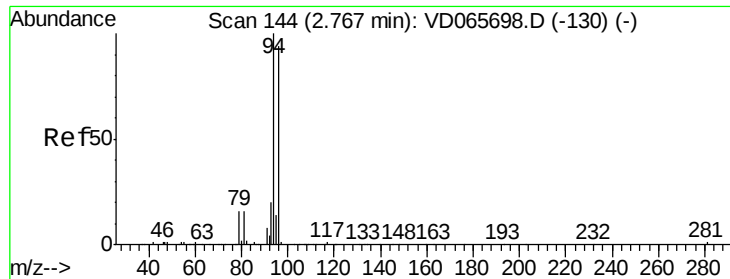
64 32.6 27.2 40.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 6.27 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

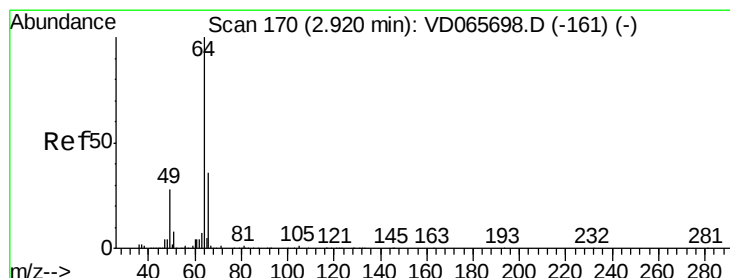
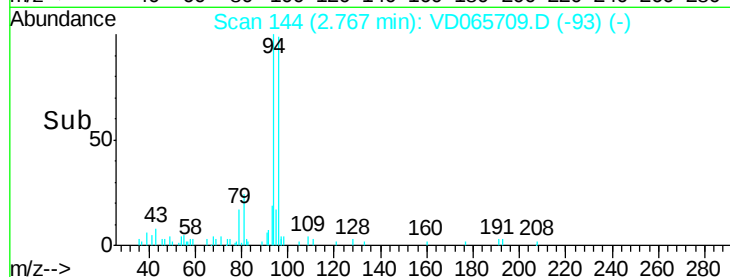
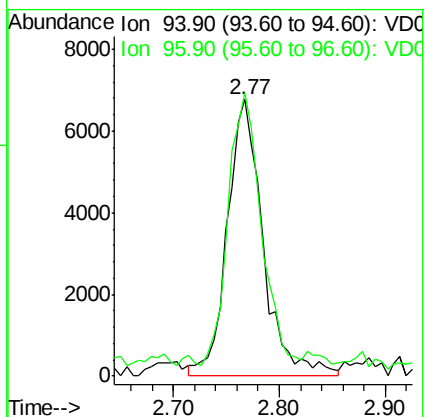
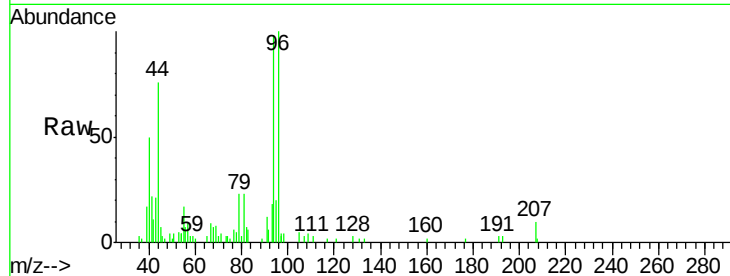
VD0309

Tgt Ion: 94 Resp: 15888

Ion Ratio Lower Upper

94 100

96 99.6 75.0 112.6



#6

Chloroethane

Concen: 5.72 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD065709.D

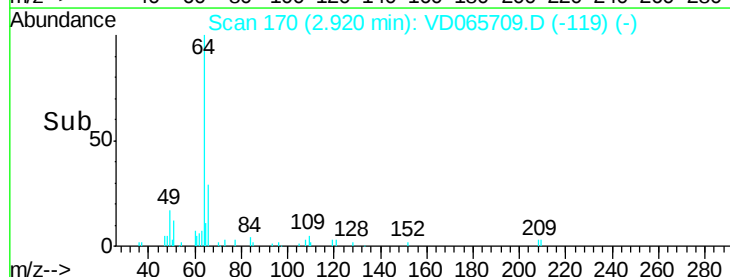
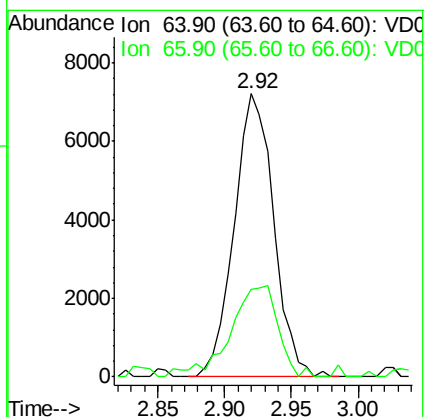
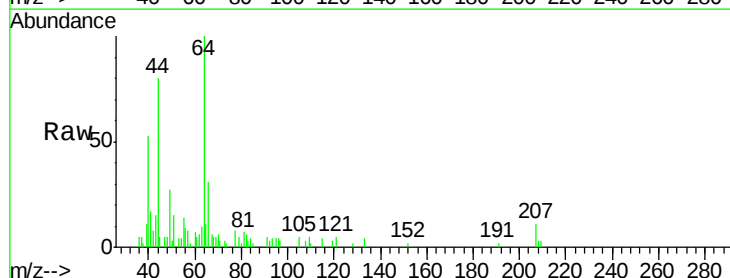
Acq: 07 May 2020 13:23

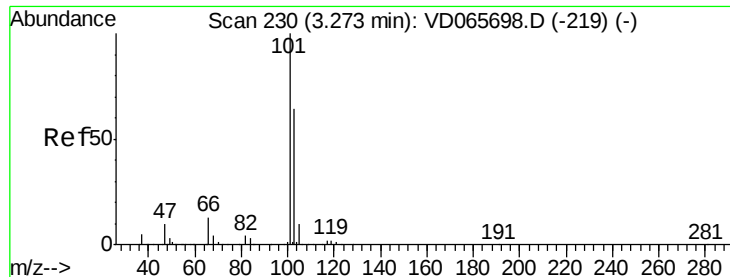
Tgt Ion: 64 Resp: 14761

Ion Ratio Lower Upper

64 100

66 28.4 28.5 42.7#





#7

Trichlorofluoromethane

Concen: 5.01 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

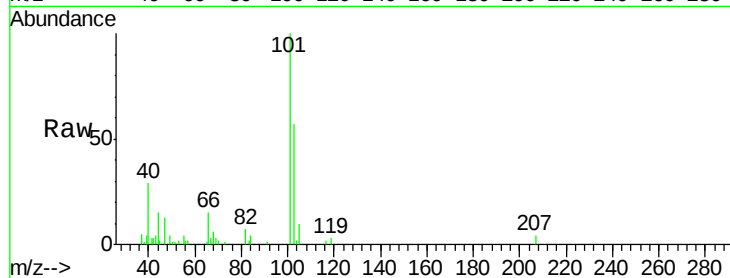
VD0309

Tgt Ion:101 Resp: 32077

Ion Ratio Lower Upper

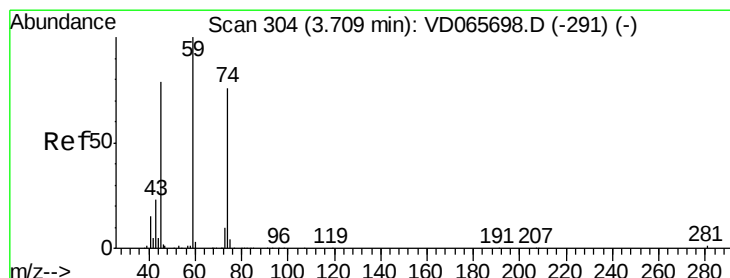
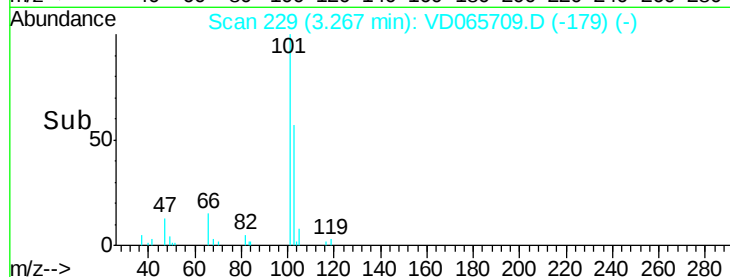
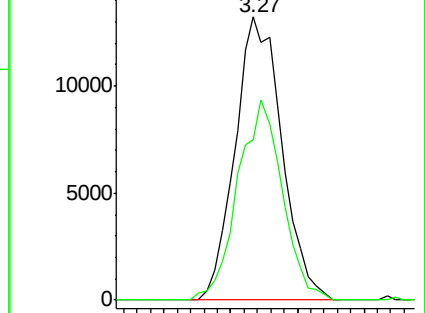
101 100

103 56.5 51.1 76.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.89 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD065709.D

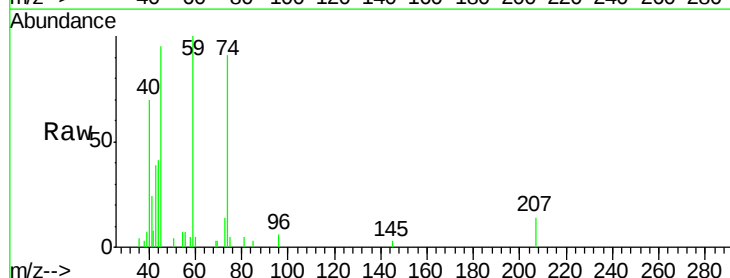
Acq: 07 May 2020 13:23

Tgt Ion: 74 Resp: 9809

Ion Ratio Lower Upper

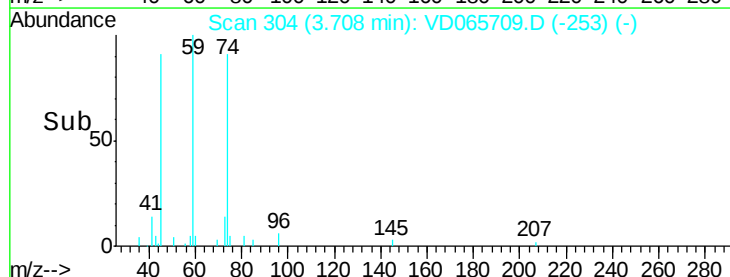
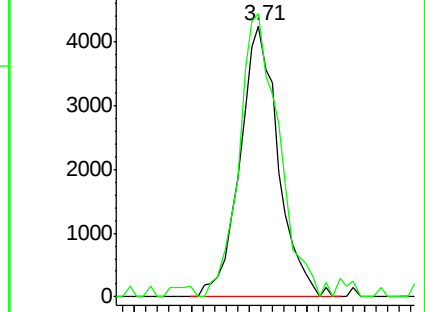
74 100

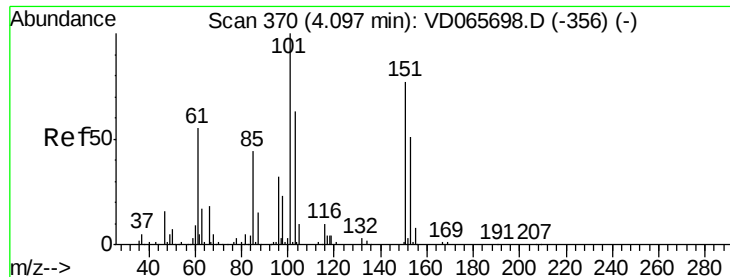
45 108.2 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.08 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0309

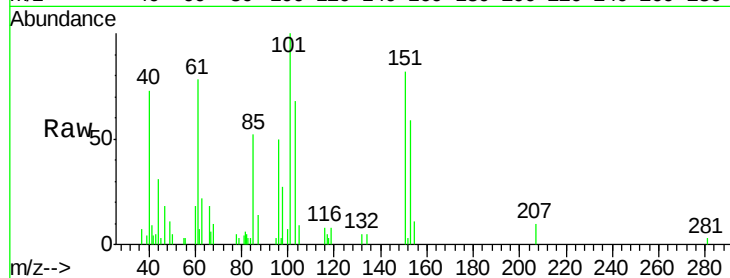
Tgt Ion:101 Resp: 19768

Ion Ratio Lower Upper

101 100

85 47.9 34.4 51.6

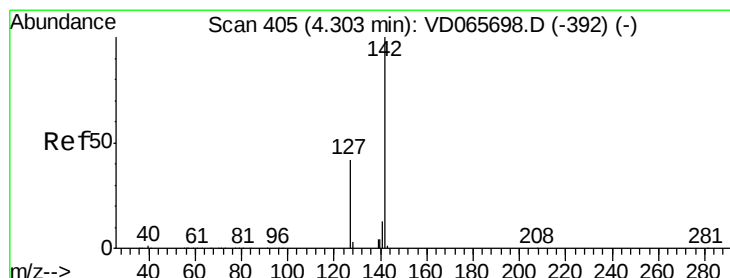
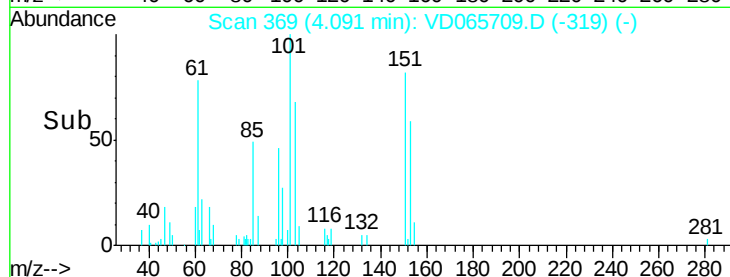
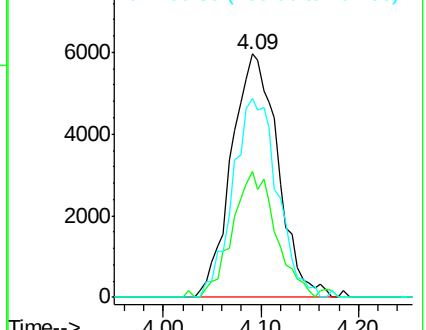
151 78.6 63.0 94.4



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: 4.22 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

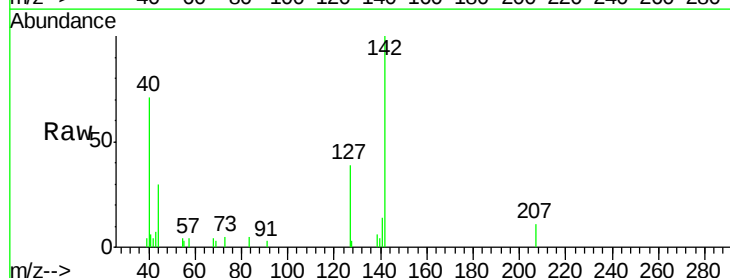
Tgt Ion:142 Resp: 16108

Ion Ratio Lower Upper

142 100

127 44.3 34.5 51.7

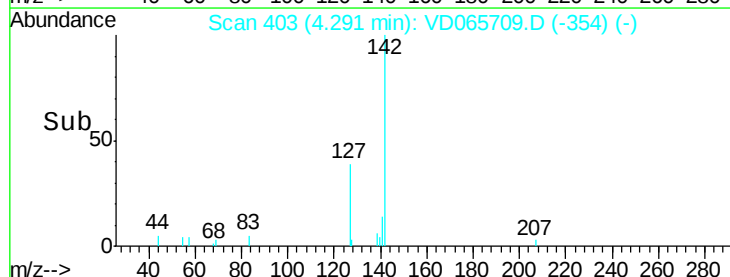
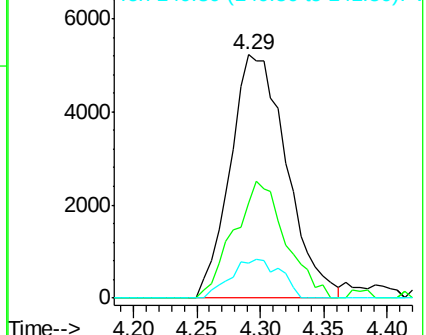
141 14.0 11.6 17.4

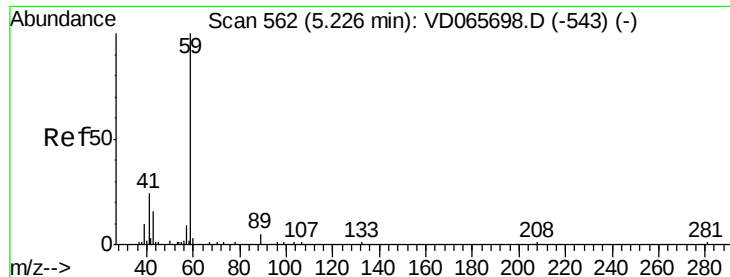


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



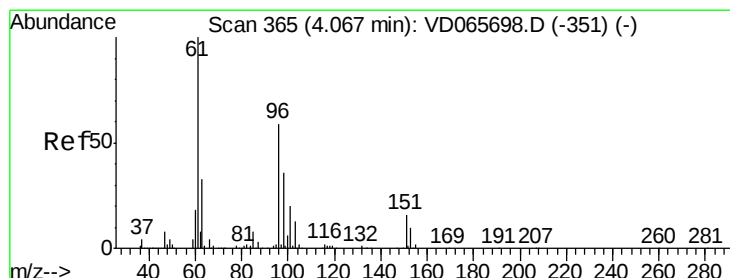
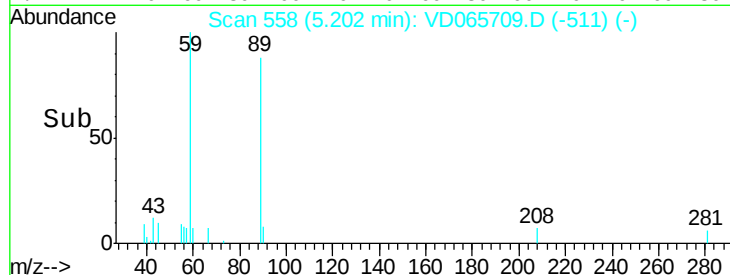
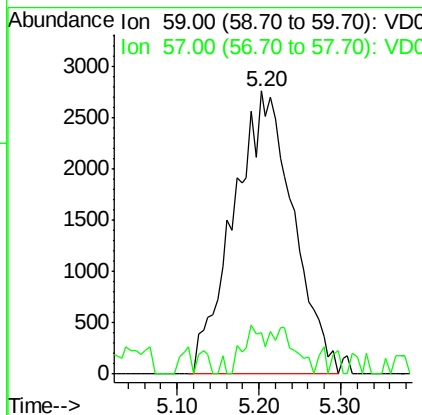
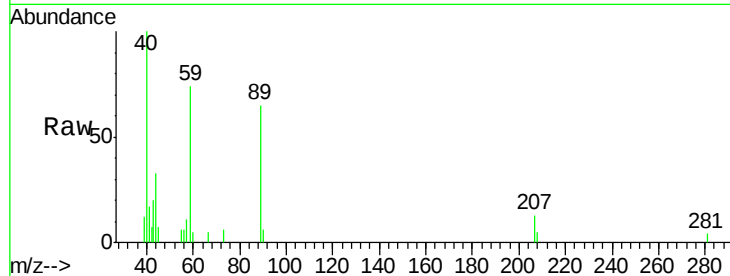


#11

Tert butyl alcohol
 Concen: 39.10 ug/l
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0309

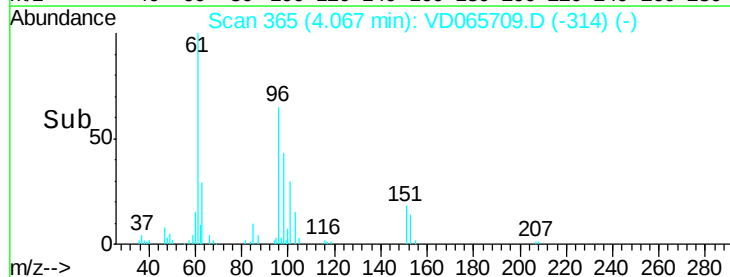
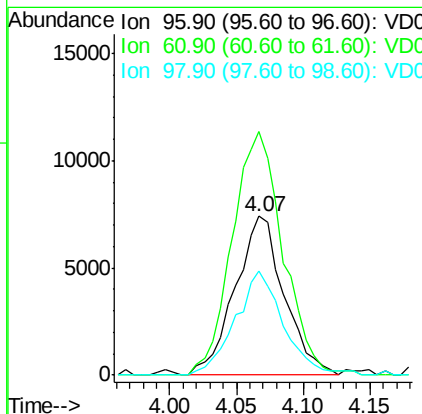
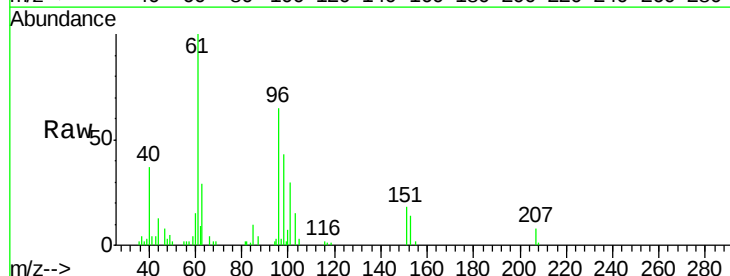
Tgt Ion: 59 Resp: 13980
 Ion Ratio Lower Upper
 59 100
 57 5.8 8.7 13.1#

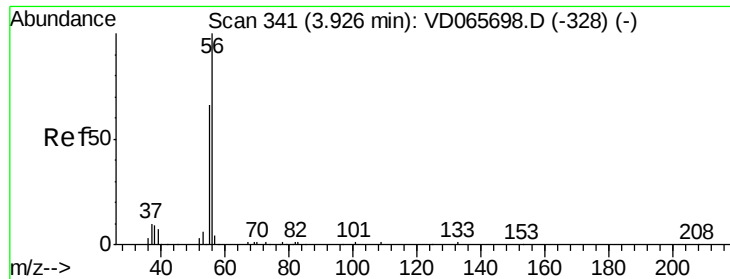


#12

1,1-Dichloroethene
 Concen: 4.94 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Tgt Ion: 96 Resp: 18862
 Ion Ratio Lower Upper
 96 100
 61 153.5 136.0 204.0
 98 65.8 49.7 74.5





#13

Acrolein

Concen: 26.53 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

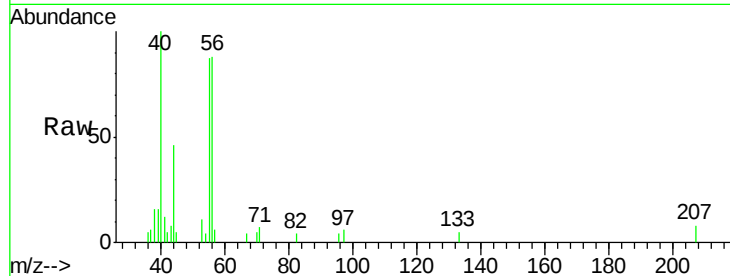
VD0309

Tgt Ion: 56 Resp: 8747

Ion Ratio Lower Upper

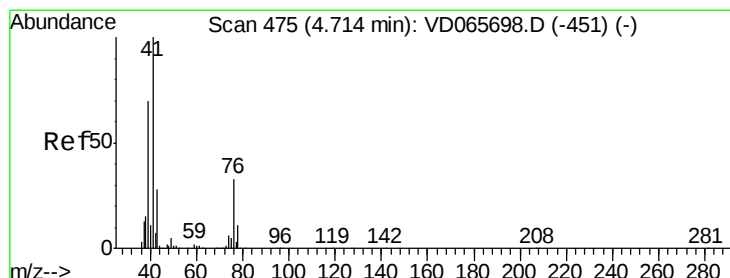
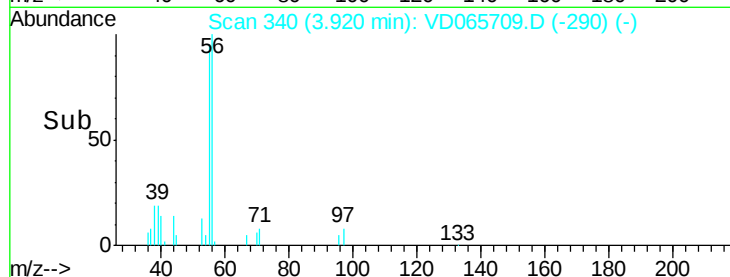
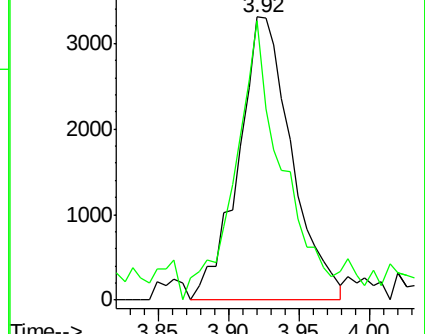
56 100

55 86.1 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 4.26 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

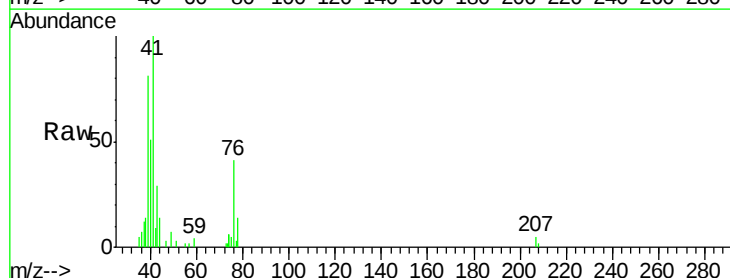
Tgt Ion: 41 Resp: 32430

Ion Ratio Lower Upper

41 100

39 75.9 55.6 83.4

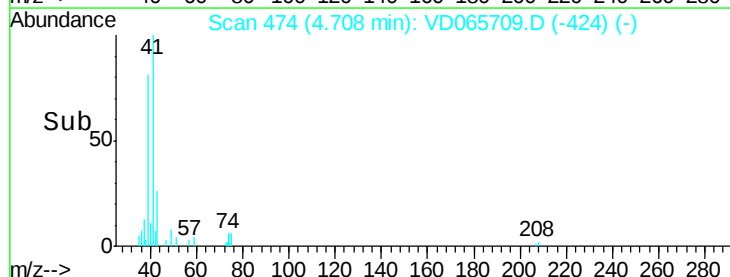
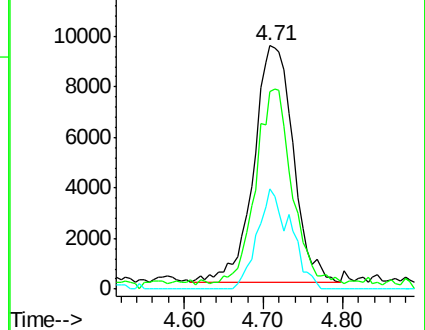
76 35.9 25.6 38.4

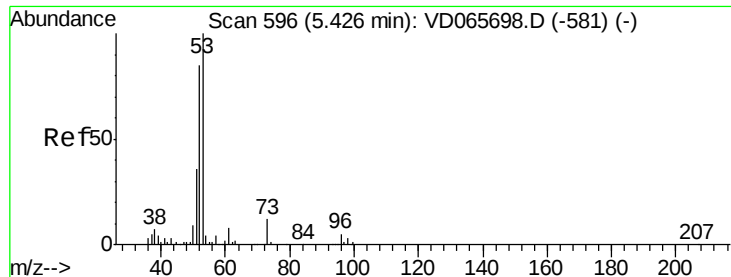


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 23.18 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0309

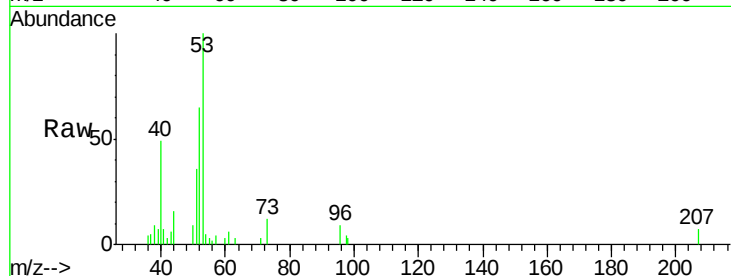
Tgt Ion: 53 Resp: 21867

Ion Ratio Lower Upper

53 100

52 81.4 66.2 99.2

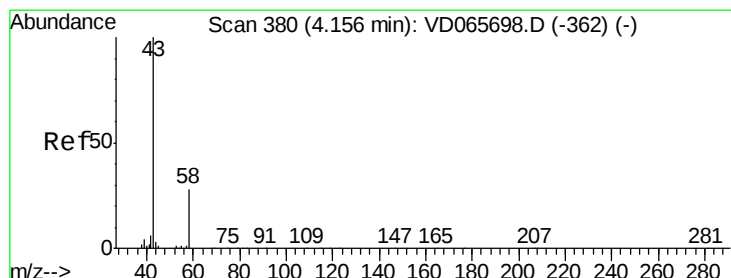
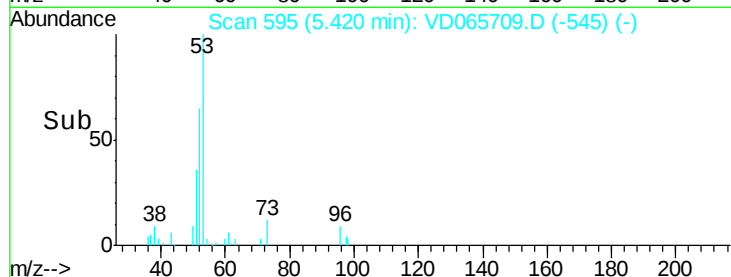
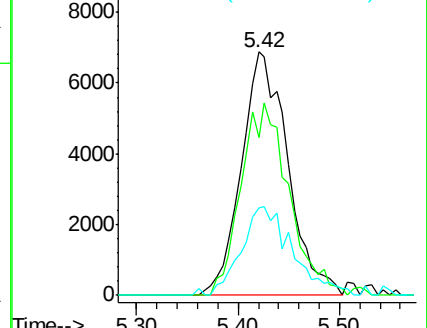
51 40.0 29.9 44.9



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: 21.10 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065709.D

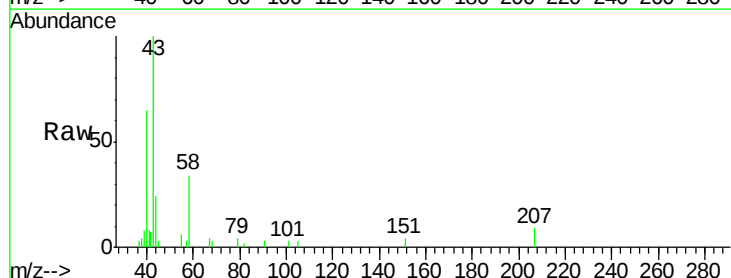
Acq: 07 May 2020 13:23

Tgt Ion: 43 Resp: 18074

Ion Ratio Lower Upper

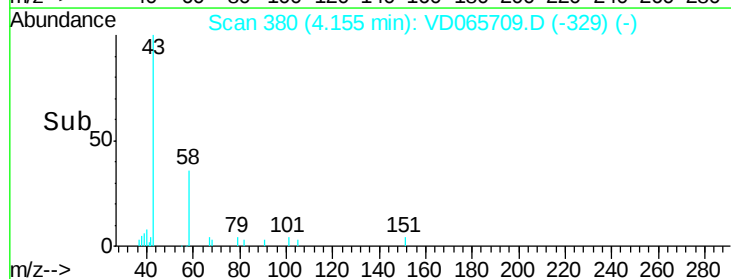
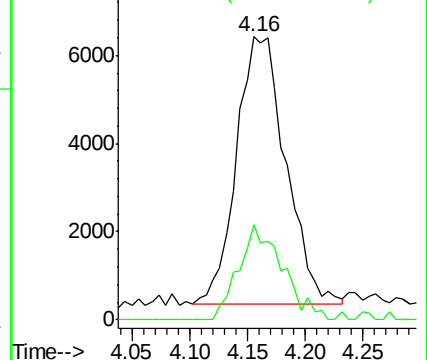
43 100

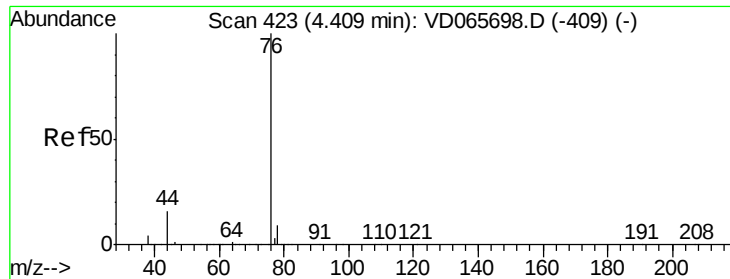
58 35.6 22.5 33.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

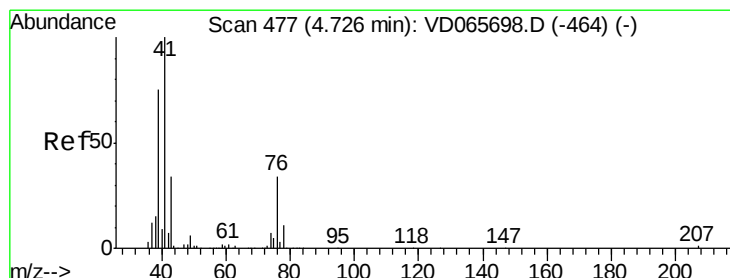
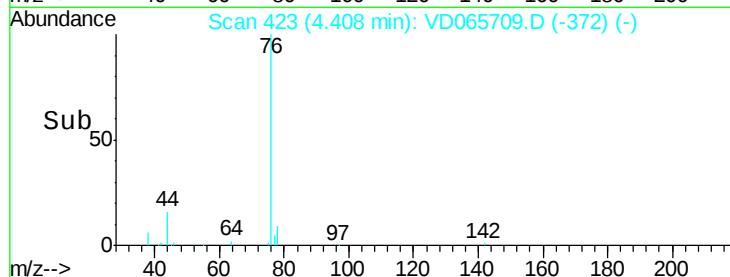
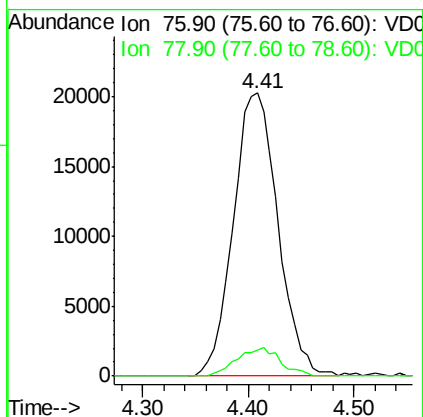
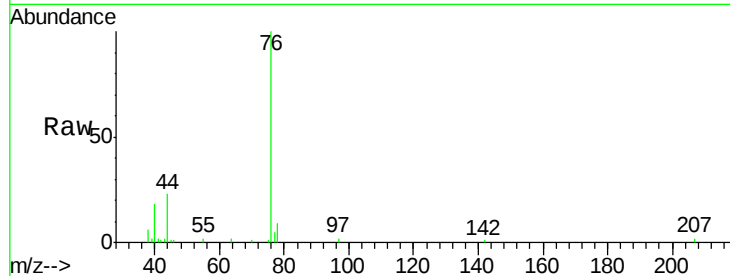




#17
Carbon Disulfide
Concen: 4.72 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

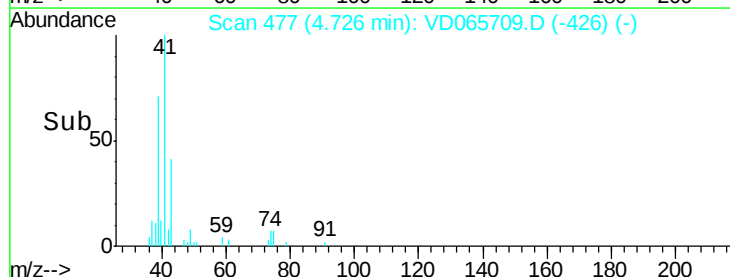
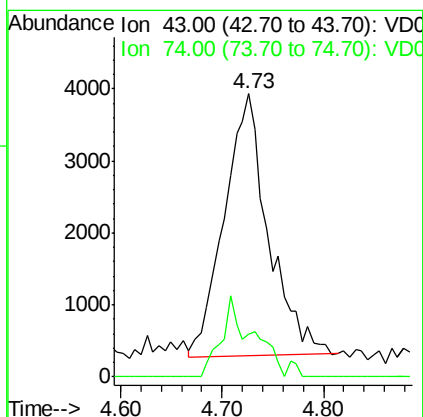
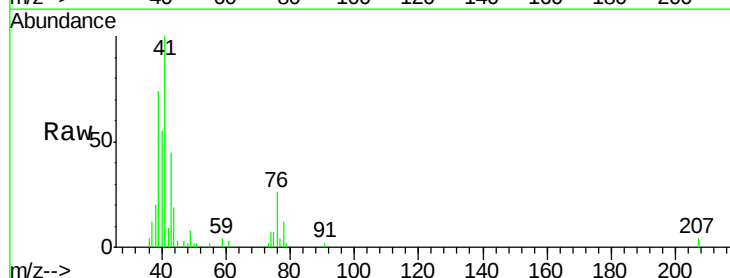
Instrument :
MSVOA_D
ClientSampleId :
VD0309

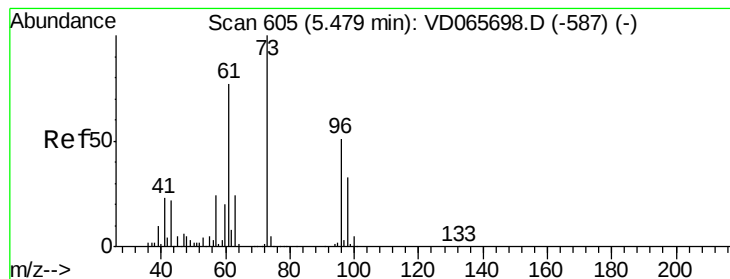
Tgt Ion: 76 Resp: 59300
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 5.17 ug/l
RT: 4.73 min Scan# 477
Delta R.T. -0.00 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

Tgt Ion: 43 Resp: 11004
Ion Ratio Lower Upper
43 100
74 21.7 17.1 25.7





#19

Methyl tert-butyl Ether

Concen: 4.89 ug/l

RT: 5.48 min Scan# 605

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

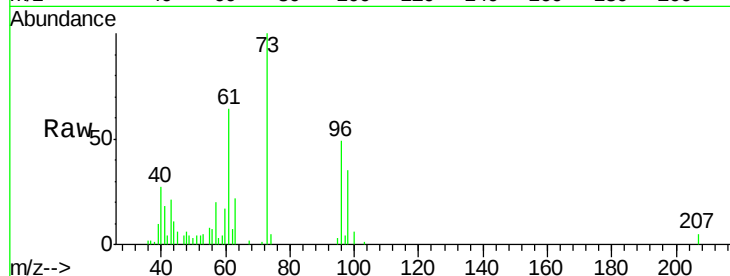
VD0309

Tgt Ion: 73 Resp: 45271

Ion Ratio Lower Upper

73 100

57 19.9 19.4 29.0



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

15000

10000

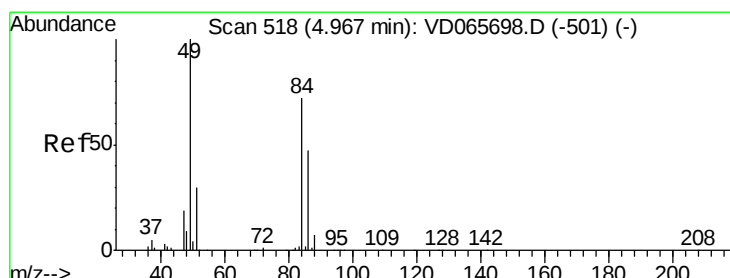
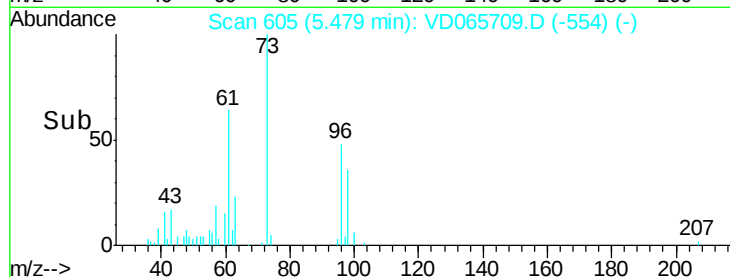
5000

0

Time-->

5.40 5.50 5.60

5.48



#20

Methylene Chloride

Concen: 5.94 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Tgt Ion: 84 Resp: 25630

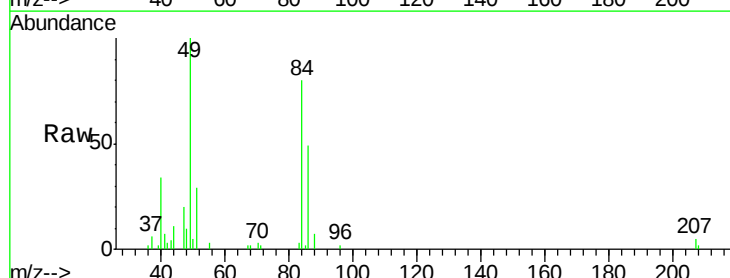
Ion Ratio Lower Upper

84 100

49 122.3 110.4 165.6

51 36.7 33.4 50.2

86 60.4 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

15000

10000

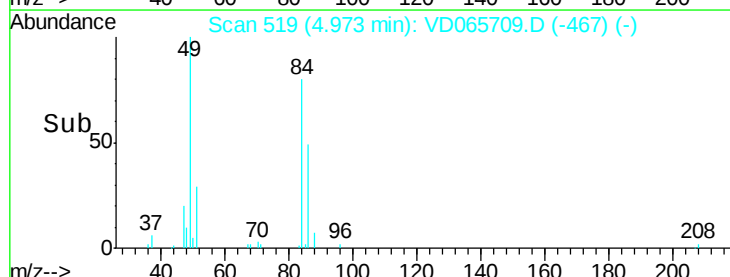
5000

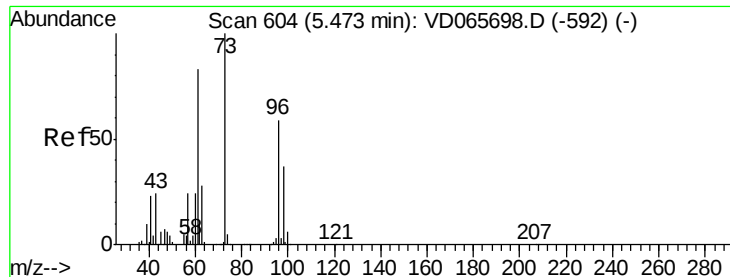
0

Time-->

4.90 5.00

4.97





#21

trans-1,2-Dichloroethene

Concen: 5.01 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0309

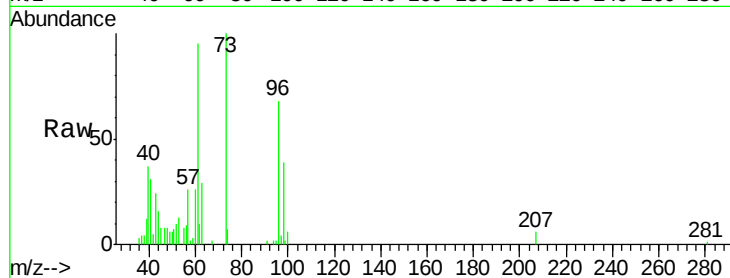
Tgt Ion: 96 Resp: 21919

Ion Ratio Lower Upper

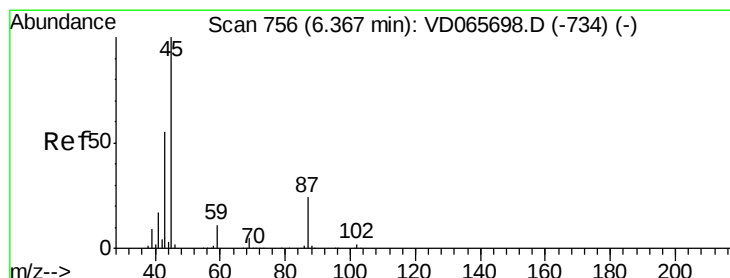
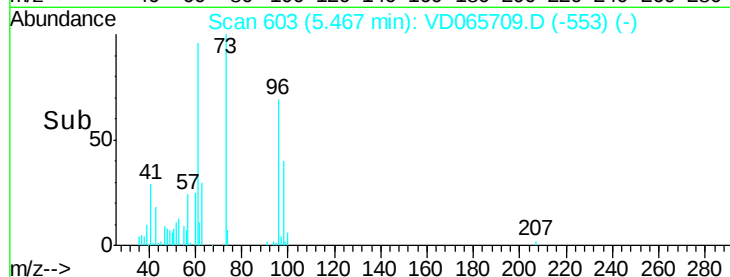
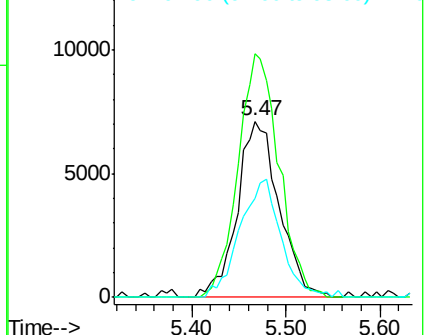
96 100

61 138.4 113.0 169.4

98 56.6 49.5 74.3



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 4.67 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Tgt Ion: 45 Resp: 66103

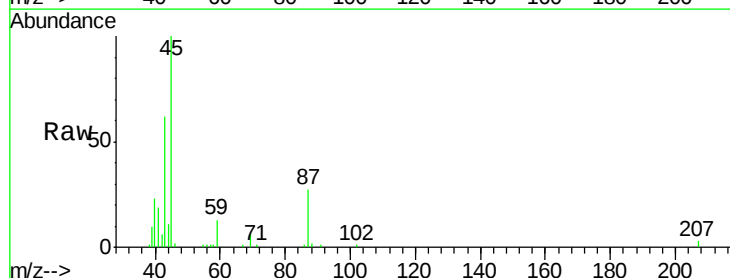
Ion Ratio Lower Upper

45 100

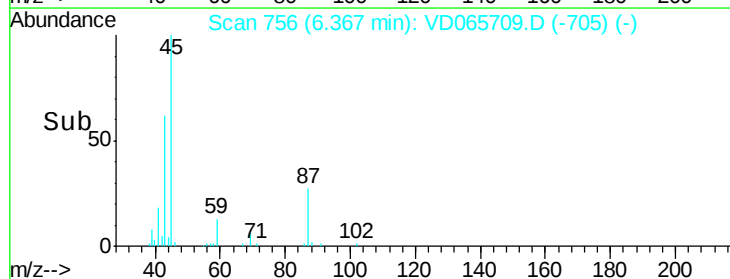
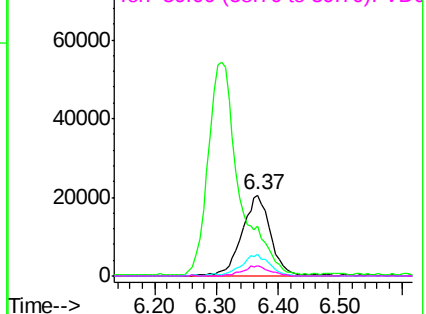
43 58.8 44.2 66.4

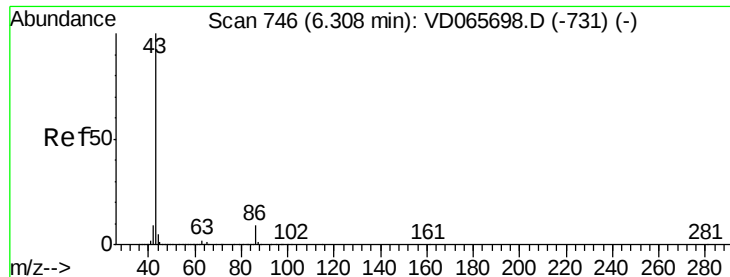
87 26.6 19.0 28.4

59 13.3 8.6 13.0#



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





#23

Vinyl Acetate

Concen: 21.84 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

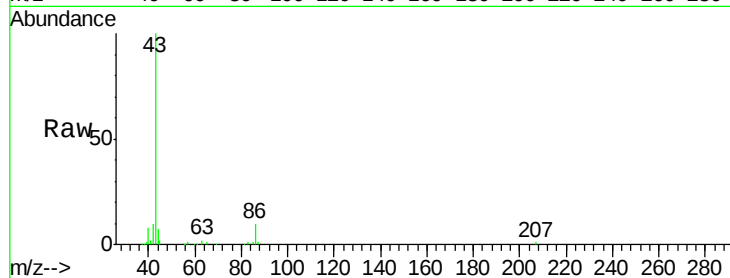
VD0309

Tgt Ion: 43 Resp: 186880

Ion Ratio Lower Upper

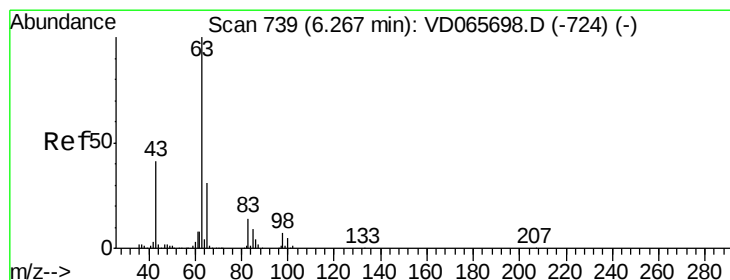
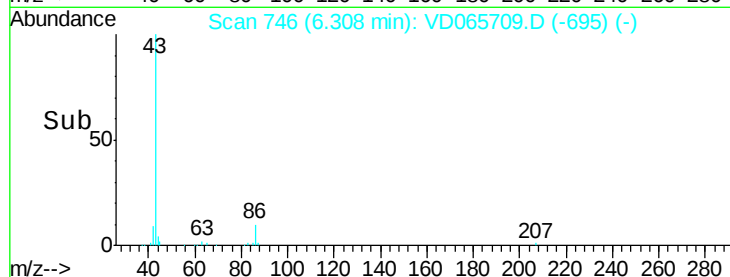
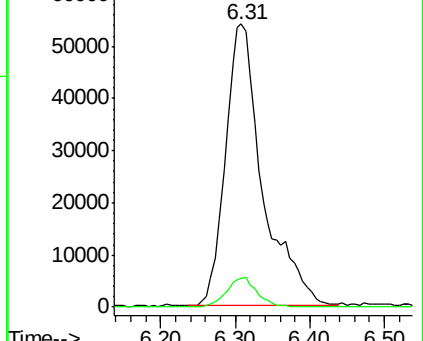
43 100

86 10.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 4.64 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

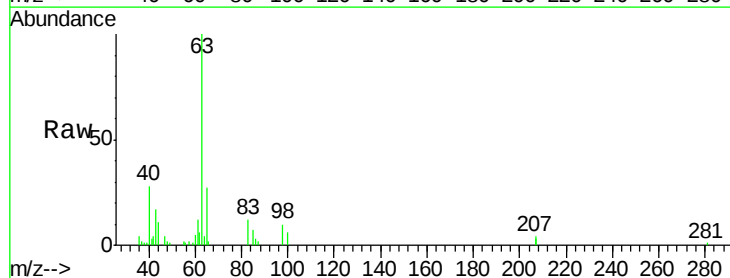
Tgt Ion: 63 Resp: 36006

Ion Ratio Lower Upper

63 100

98 9.9 3.4 10.2

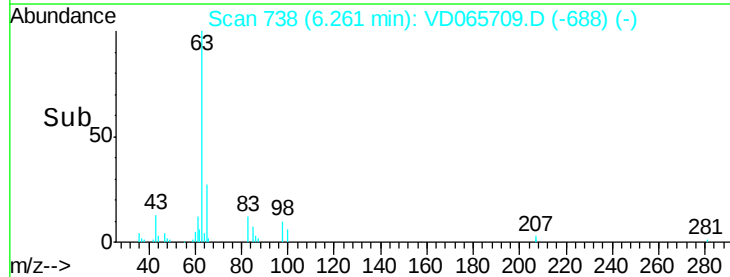
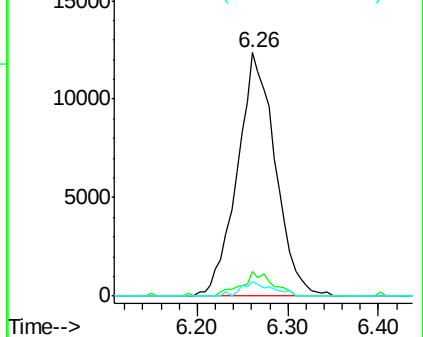
100 6.2 2.3 6.9

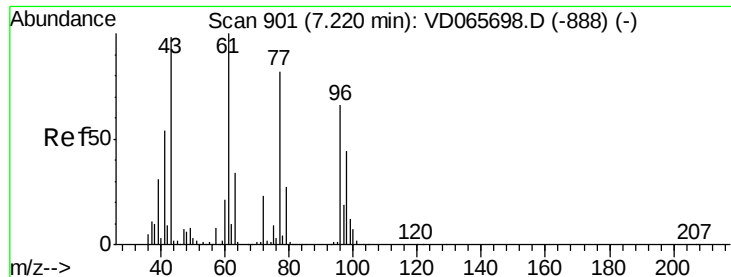


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

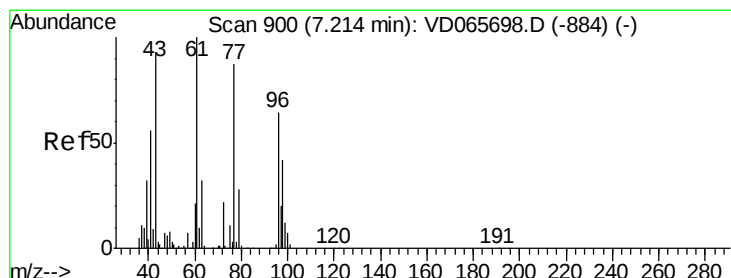
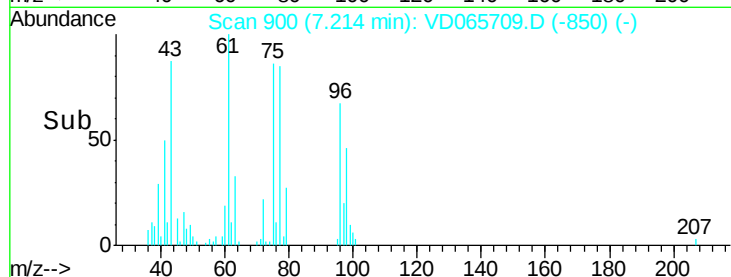
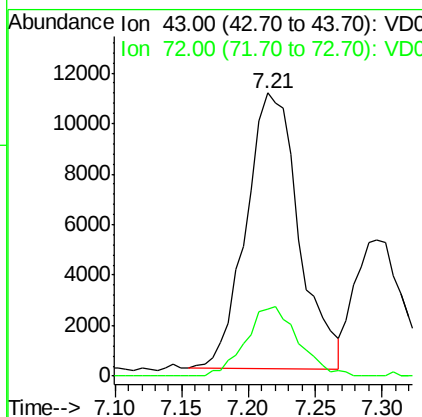
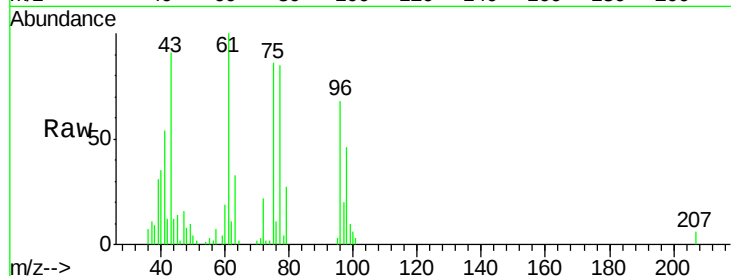




#25
 2-Butanone
 Concen: 23.62 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

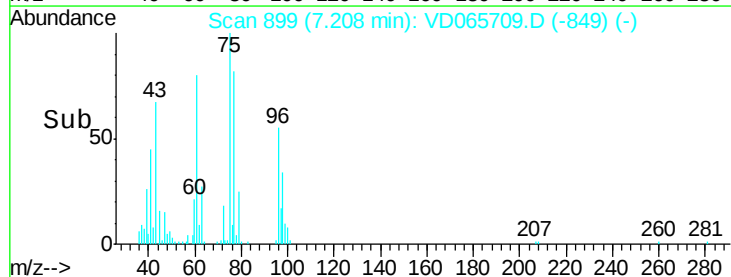
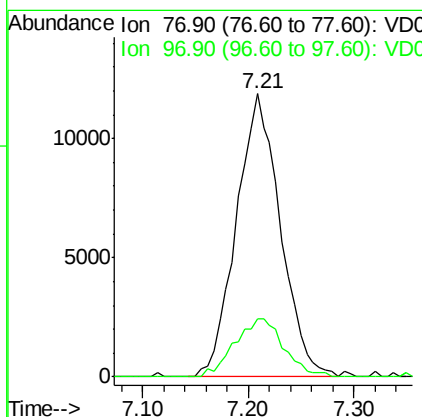
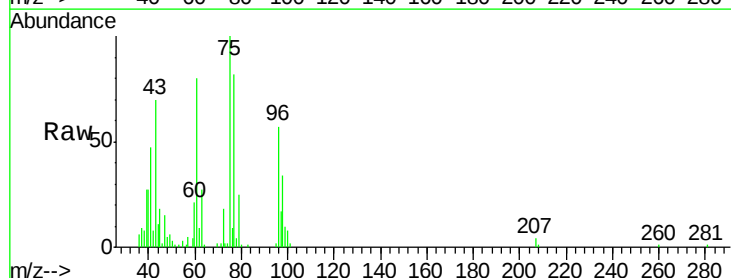
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

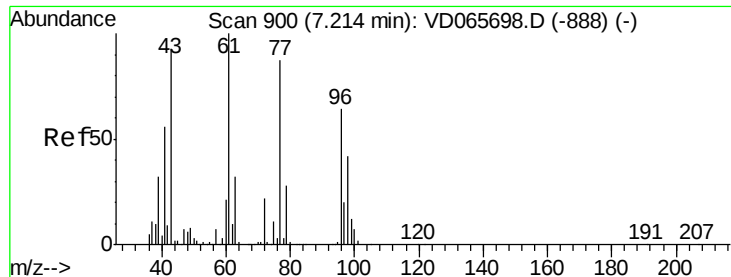
Tgt Ion: 43 Resp: 30022
 Ion Ratio Lower Upper
 43 100
 72 24.6 19.2 28.8



#26
 2,2-Dichloropropane
 Concen: 4.91 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Tgt Ion: 77 Resp: 34276
 Ion Ratio Lower Upper
 77 100
 97 22.8 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 4.87 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampled :

VD0309

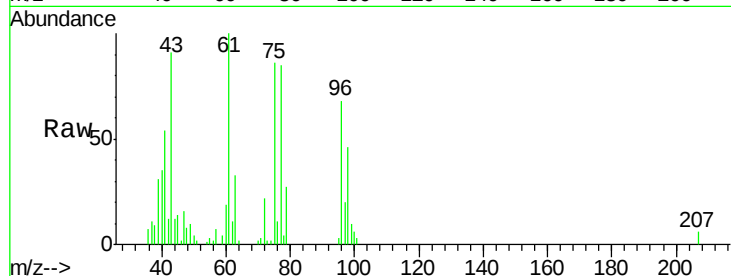
Tgt Ion: 96 Resp: 23095

Ion Ratio Lower Upper

96 100

61 148.1 0.0 306.6

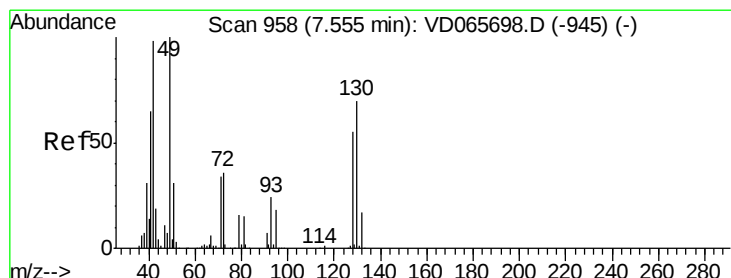
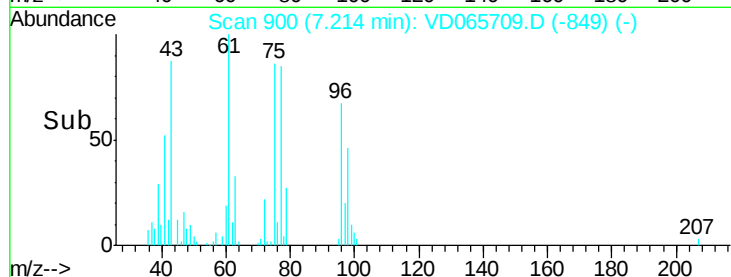
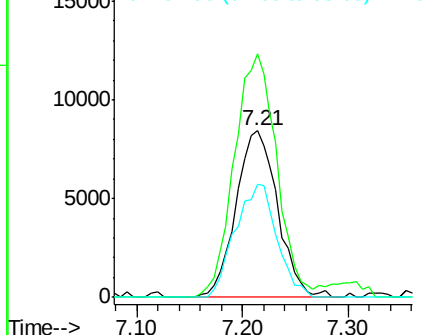
98 68.0 0.0 129.4



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: 4.46 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

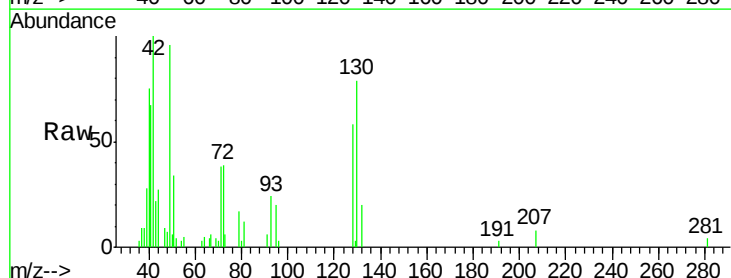
Tgt Ion: 49 Resp: 14432

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.8

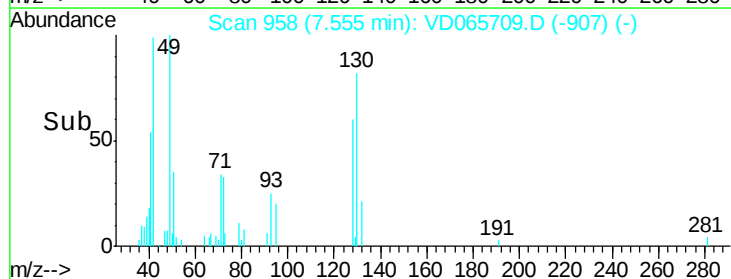
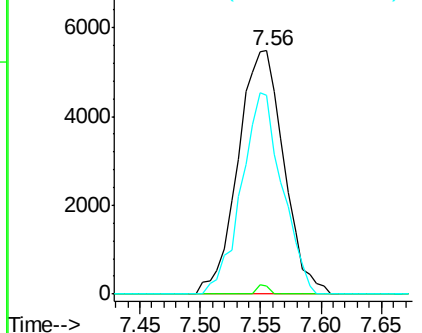
130 73.4 56.4 84.6

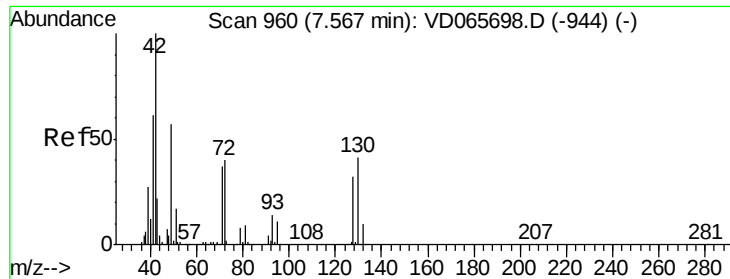


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

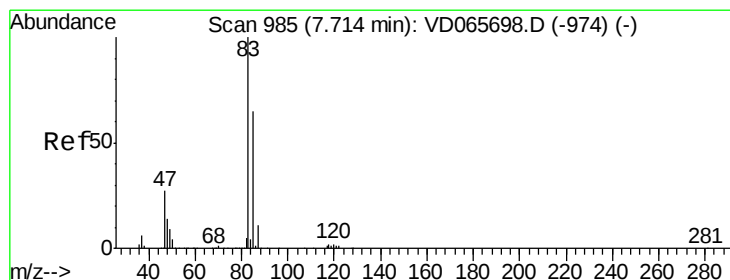
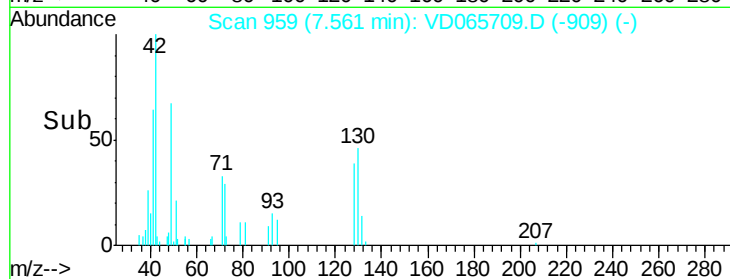
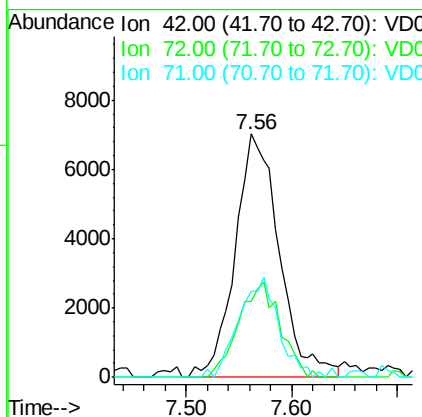
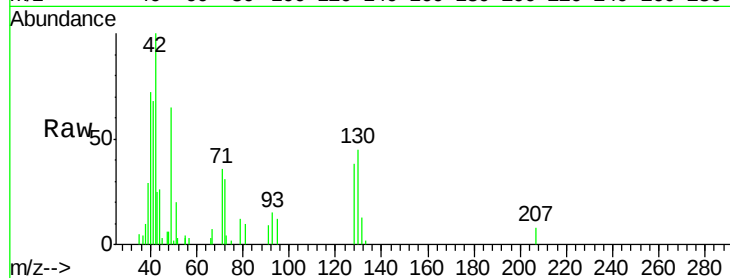




#29
Tetrahydrofuran
Concen: 24.96 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

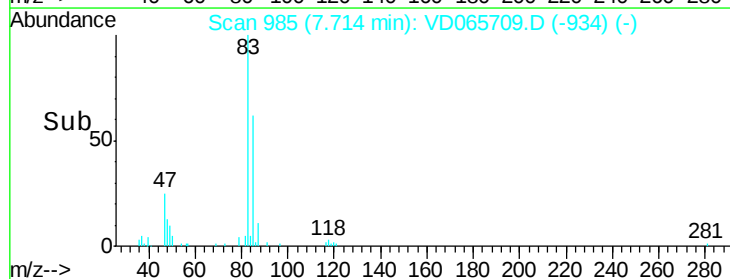
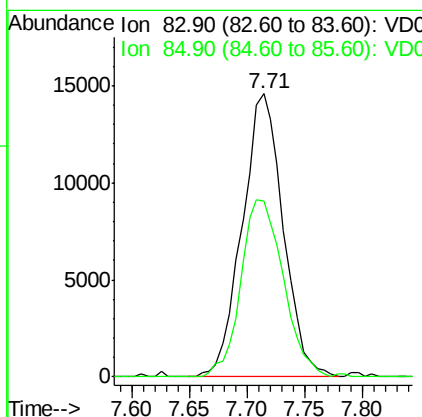
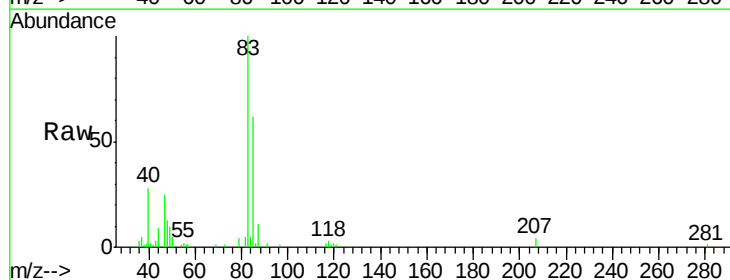
Instrument :
MSVOA_D
ClientSampleId :
VD0309

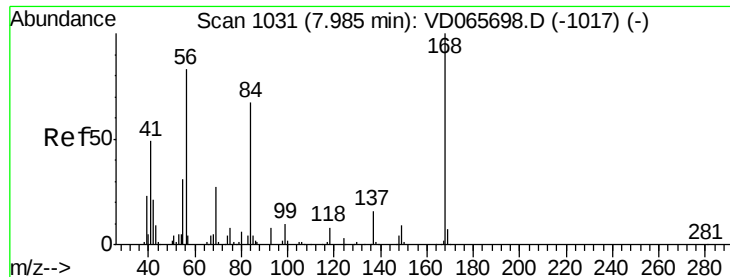
Tgt Ion: 42 Resp: 20443
Ion Ratio Lower Upper
42 100
72 36.8 30.4 45.6
71 37.0 28.0 42.0



#30
Chloroform
Concen: 4.83 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

Tgt Ion: 83 Resp: 36033
Ion Ratio Lower Upper
83 100
85 62.0 52.1 78.1

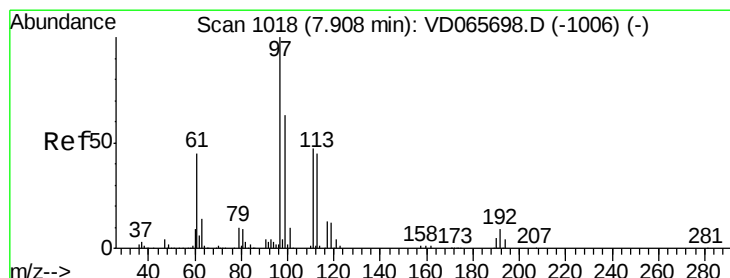
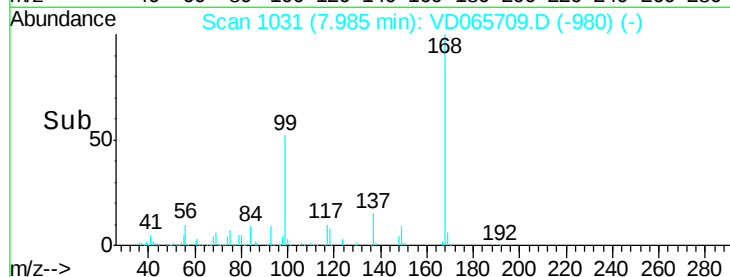
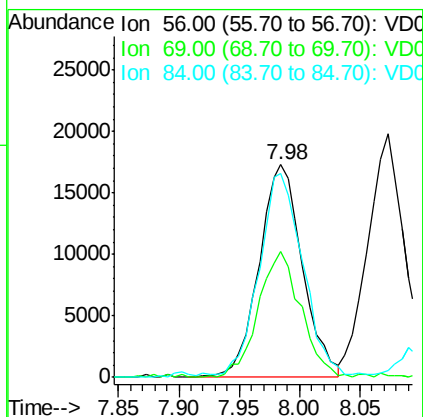
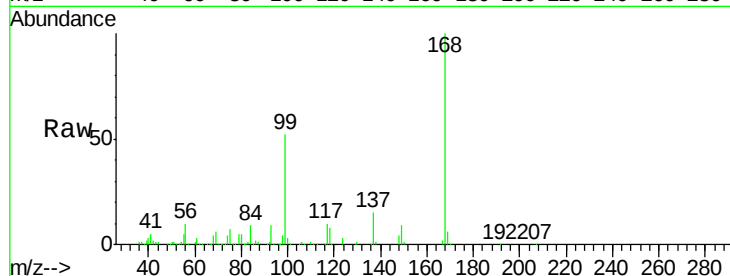




#31
Cyclohexane
Concen: 5.37 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

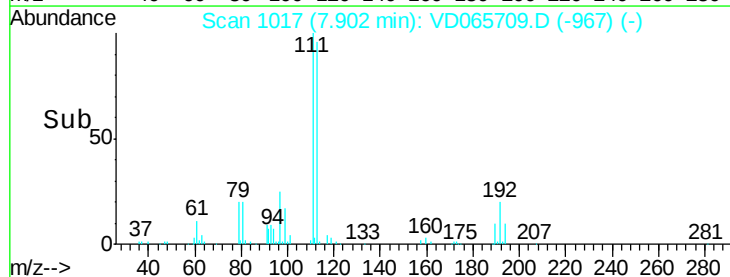
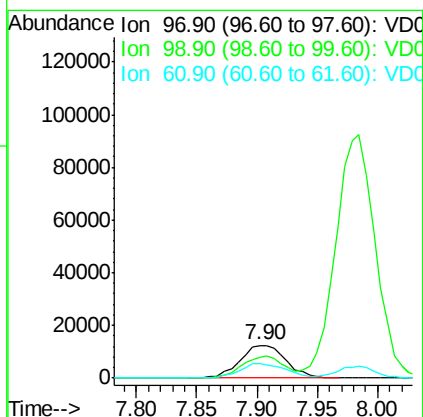
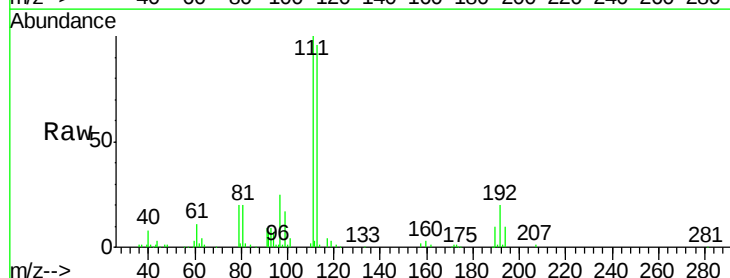
Instrument :
MSVOA_D
ClientSampled :
VD0309

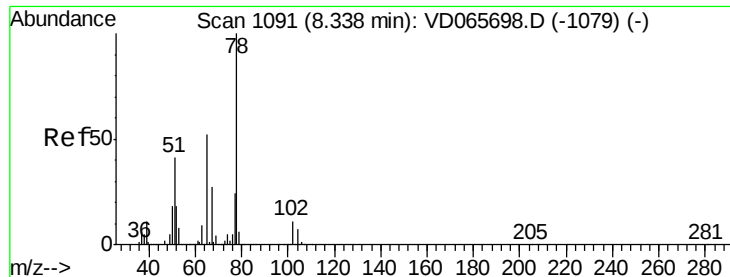
Tgt Ion: 56 Resp: 43105
Ion Ratio Lower Upper
56 100
69 59.3 26.3 39.5#
84 94.4 64.5 96.7



#32
1,1,1-Trichloroethane
Concen: 4.75 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

Tgt Ion: 97 Resp: 32858
Ion Ratio Lower Upper
97 100
99 61.3 50.8 76.2
61 43.9 36.0 54.0

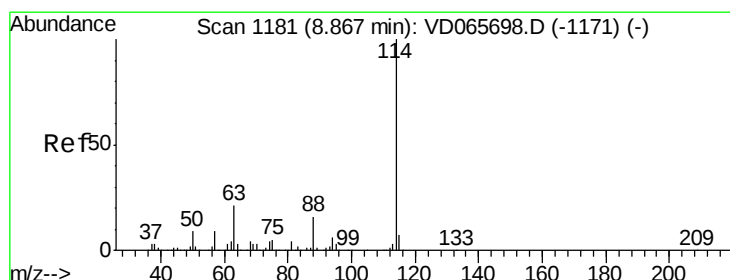
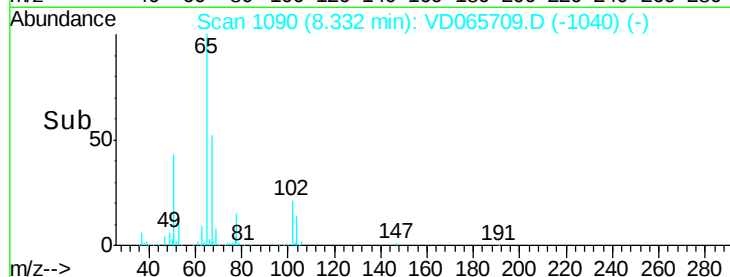
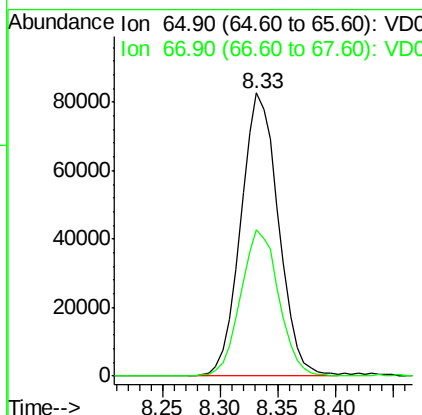
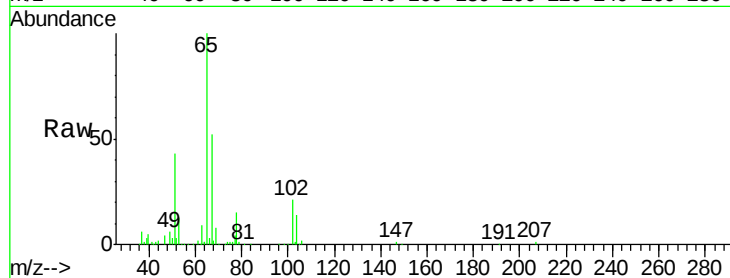




#33
 1,2-Dichloroethane-d4
 Concen: 46.78 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

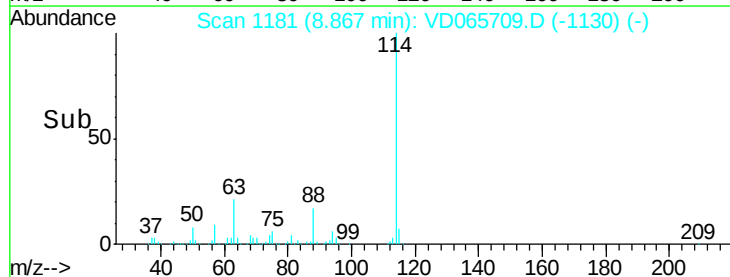
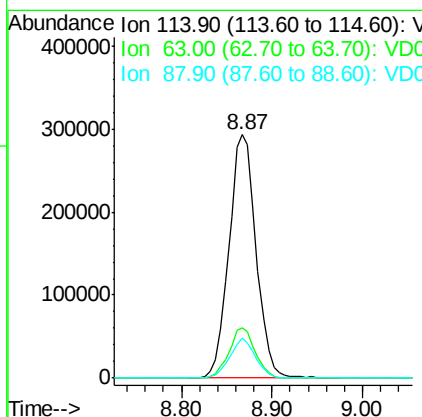
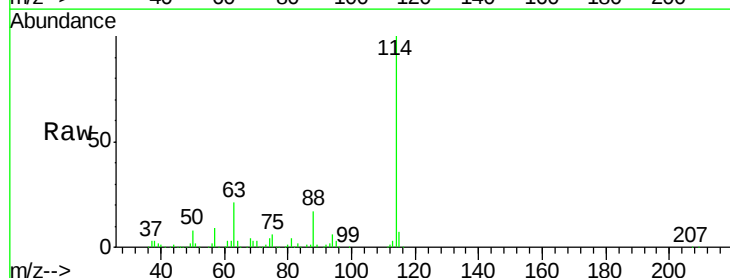
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

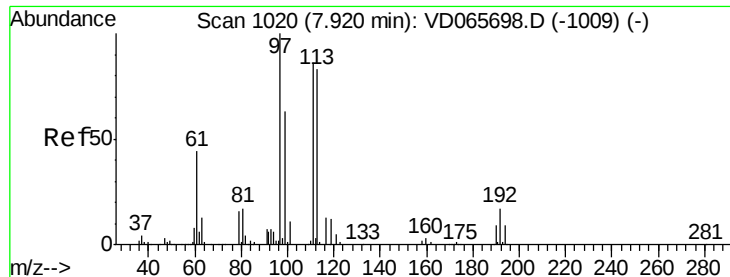
Tgt Ion: 65 Resp: 187699
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Tgt Ion: 114 Resp: 609629
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 16.5 0.0 32.6

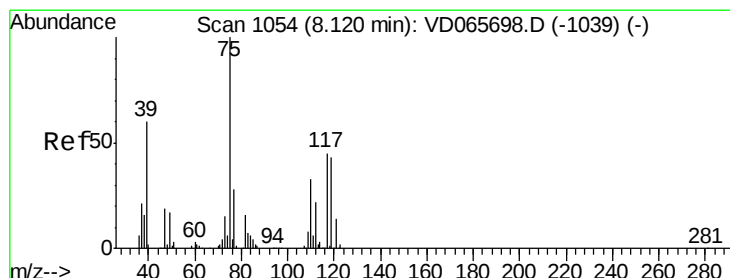
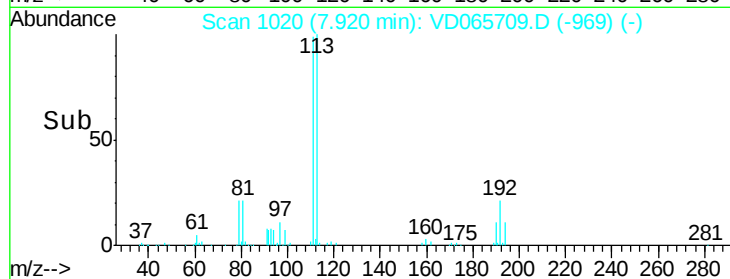
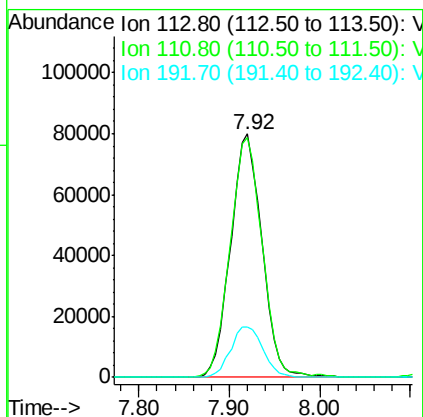
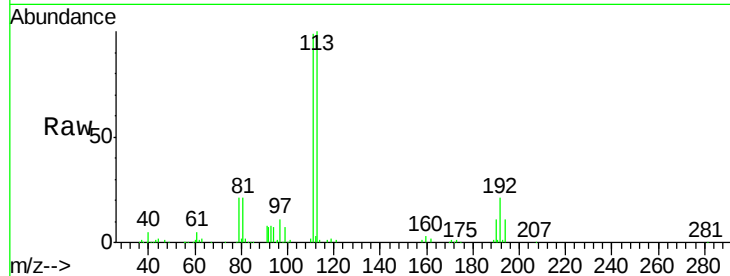




#35
 Dibromofluoromethane
 Concen: 50.47 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

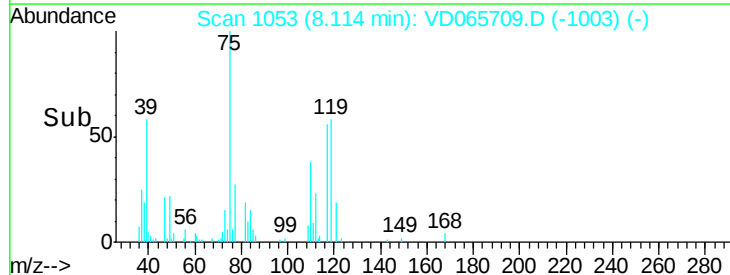
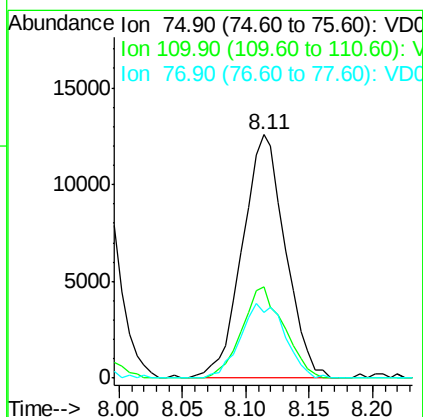
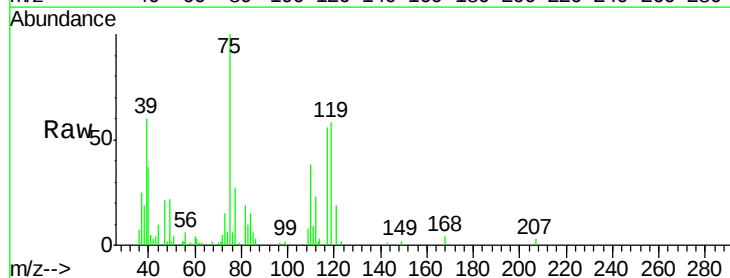
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

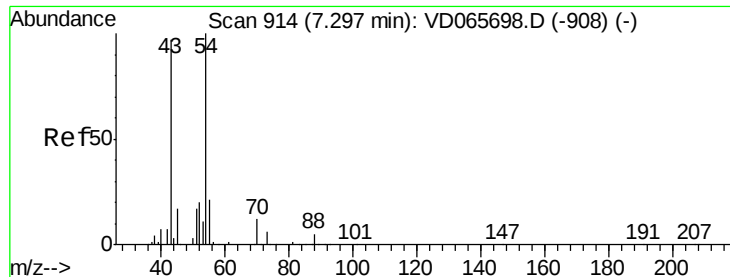
Tgt Ion: 113 Resp: 192311
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.7 124.1
 192 21.7 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 4.90 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Tgt Ion: 75 Resp: 29642
 Ion Ratio Lower Upper
 75 100
 110 36.6 17.2 51.6
 77 31.6 23.7 35.5

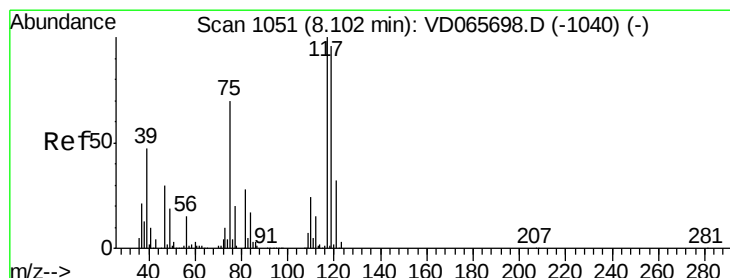
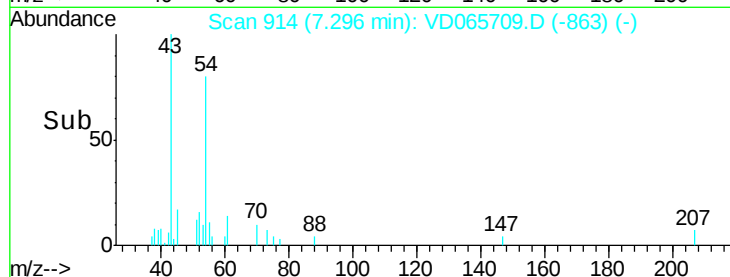
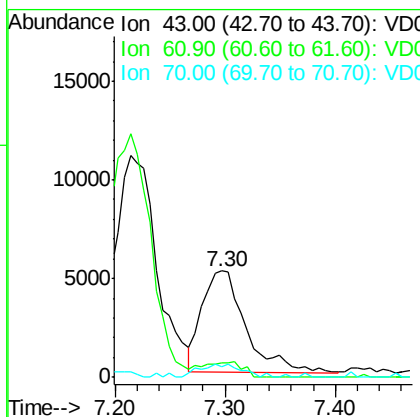
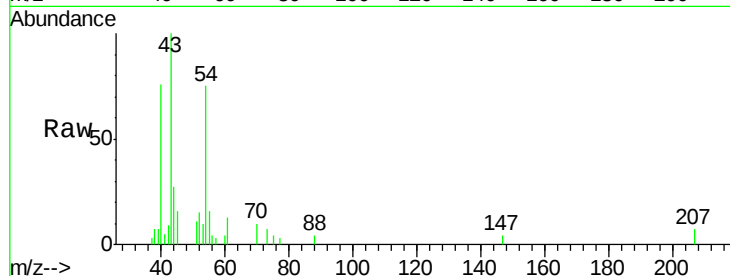




#37
Ethyl Acetate
Concen: 4.80 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

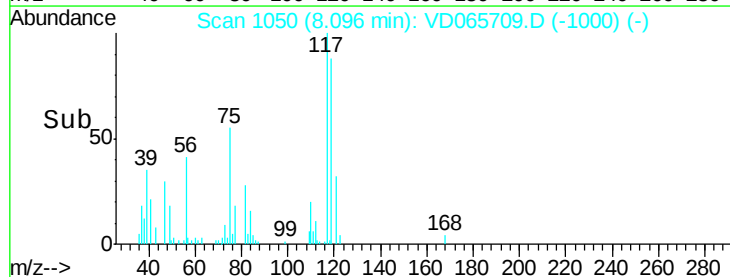
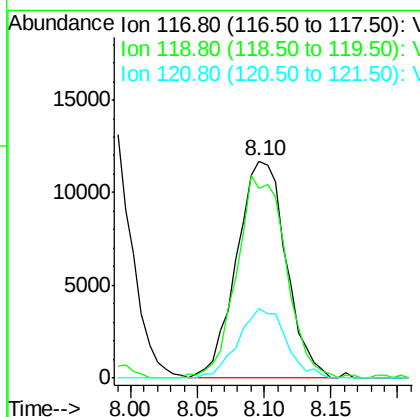
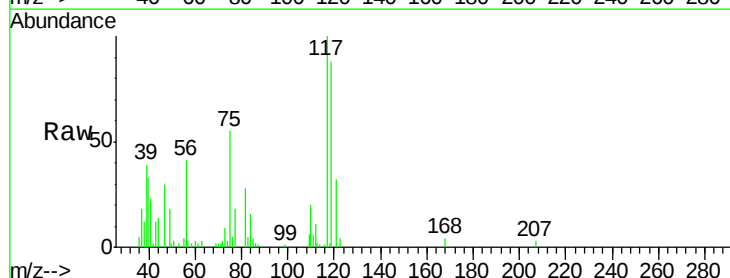
Instrument :
MSVOA_D
ClientSampleId :
VD0309

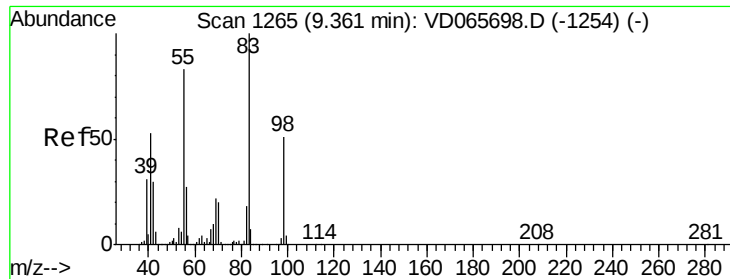
Tgt Ion: 43 Resp: 14000
Ion Ratio Lower Upper
43 100
61 11.7 9.9 14.9
70 12.7 7.3 10.9#



#38
Carbon Tetrachloride
Concen: 5.00 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

Tgt Ion: 117 Resp: 29999
Ion Ratio Lower Upper
117 100
119 87.7 77.1 115.7
121 32.3 25.5 38.3

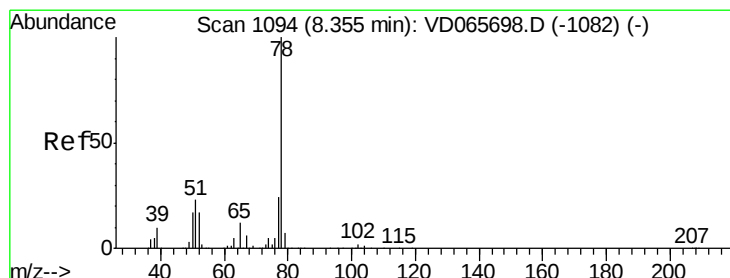
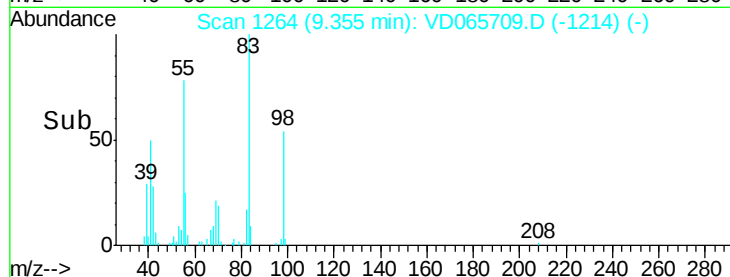
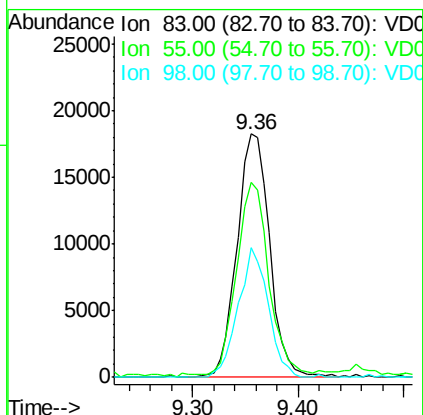
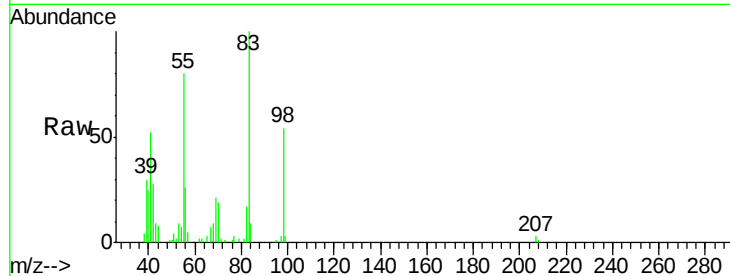




#39
Methylcyclohexane
Concen: 5.17 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

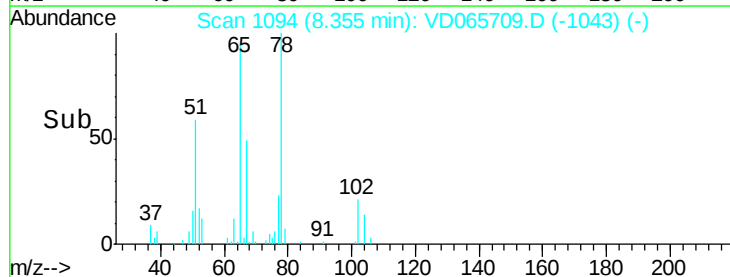
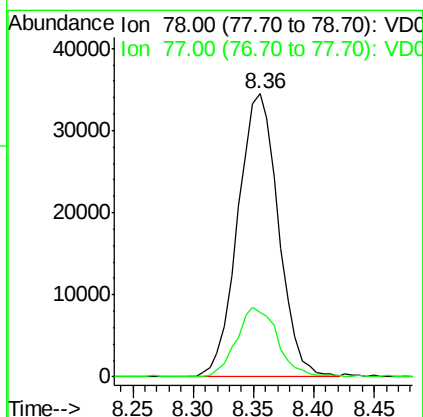
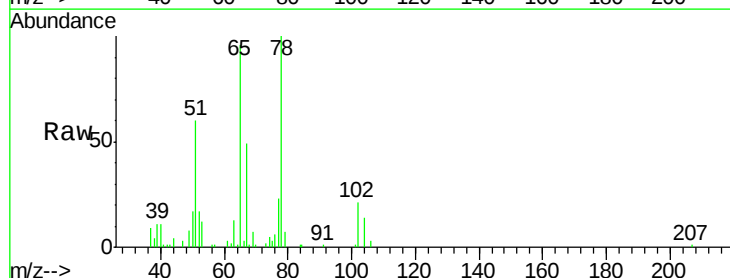
Instrument :
MSVOA_D
ClientSampleId :
VD0309

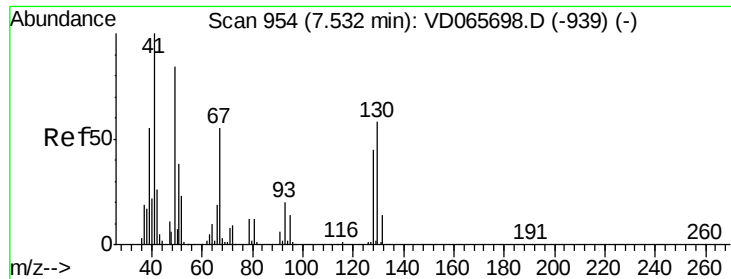
Tgt Ion: 83 Resp: 39289
Ion Ratio Lower Upper
83 100
55 78.7 66.0 99.0
98 53.5 41.0 61.4



#40
Benzene
Concen: 4.89 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

Tgt Ion: 78 Resp: 80931
Ion Ratio Lower Upper
78 100
77 22.9 19.6 29.4

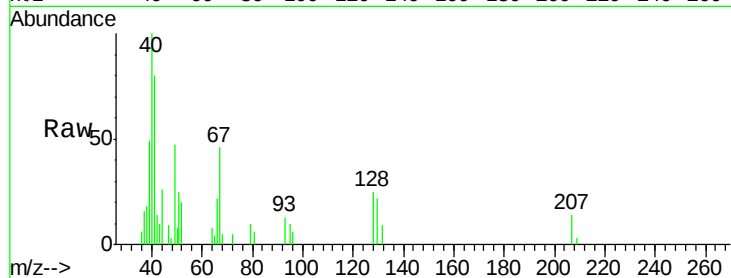




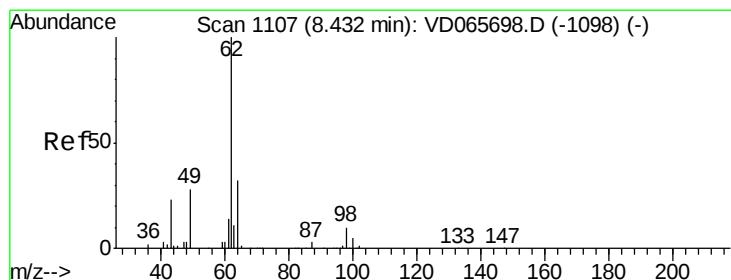
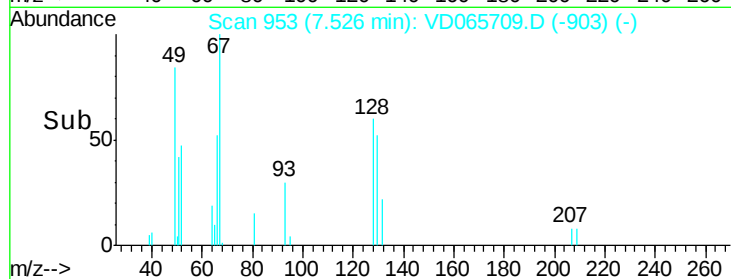
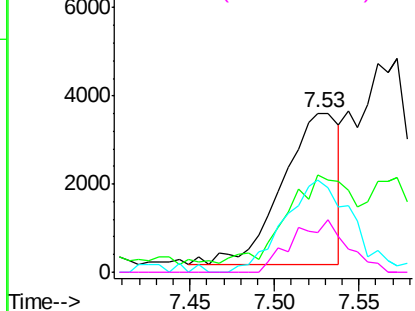
#41
Methacrylonitrile
Concen: 4.72 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD0309

Tgt Ion:	41	Resp:	7941
Ion	Ratio	Lower	Upper
41	100		
39	66.1	52.5	78.7
67	73.8	59.4	89.0
52	33.6	25.6	38.4

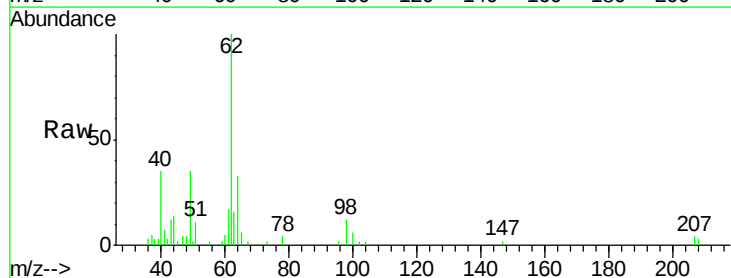


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

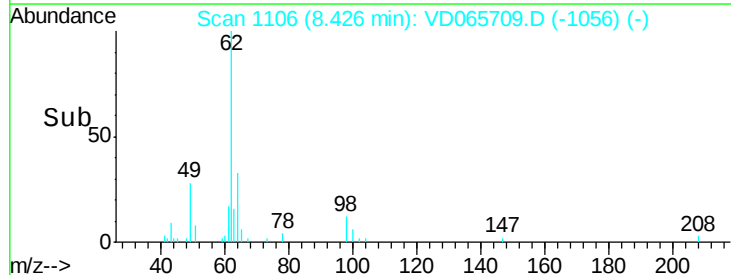
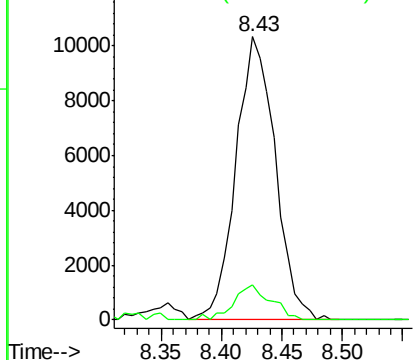


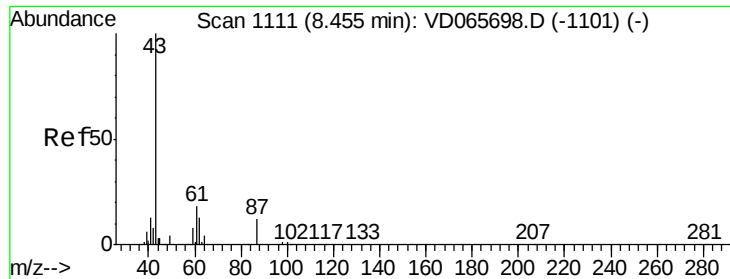
#42
1,2-Dichloroethane
Concen: 4.95 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

Tgt Ion:	62	Resp:	23529
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	19.2



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 5.11 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0309

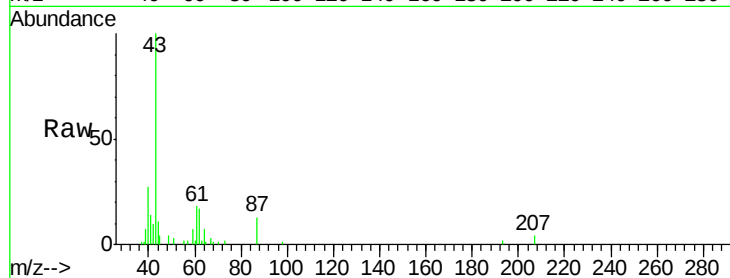
Tgt Ion: 43 Resp: 29797

Ion Ratio Lower Upper

43 100

61 26.7 21.9 32.9

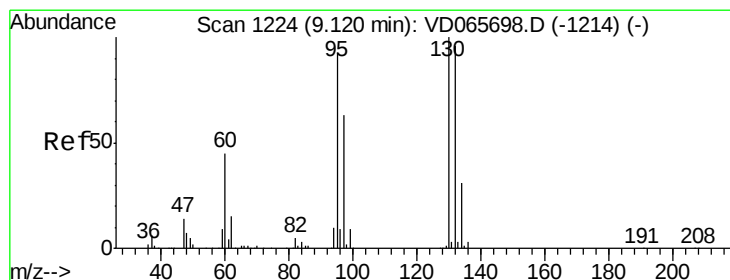
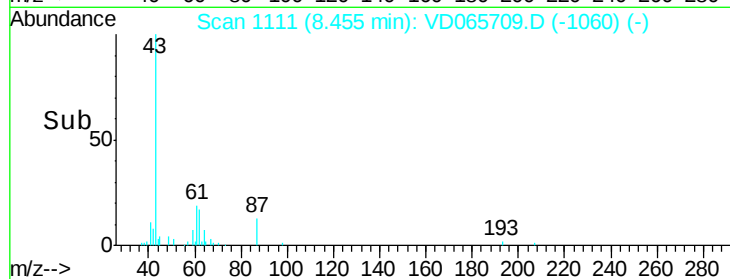
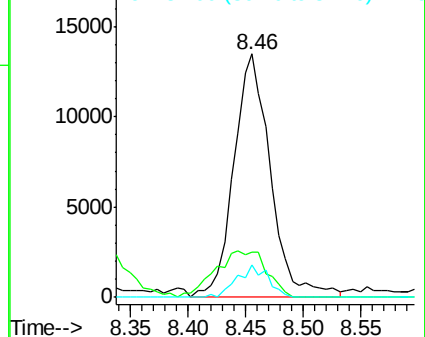
87 11.1 9.4 14.2



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: 5.23 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD065709.D

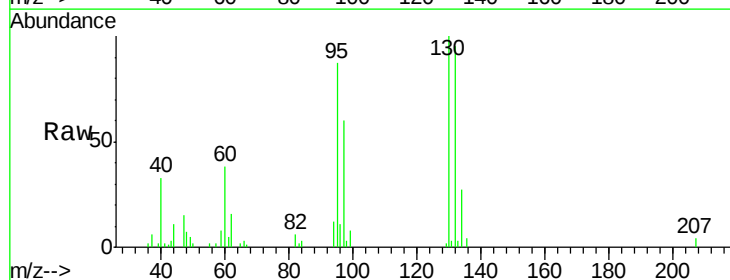
Acq: 07 May 2020 13:23

Tgt Ion: 130 Resp: 23811

Ion Ratio Lower Upper

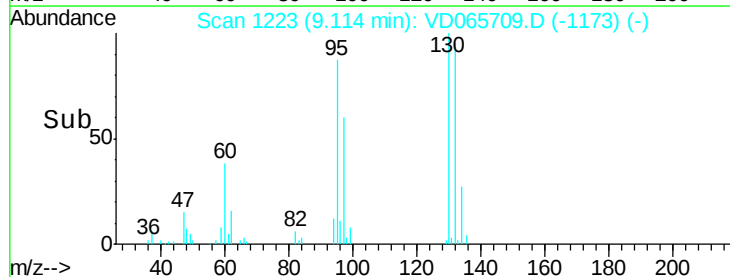
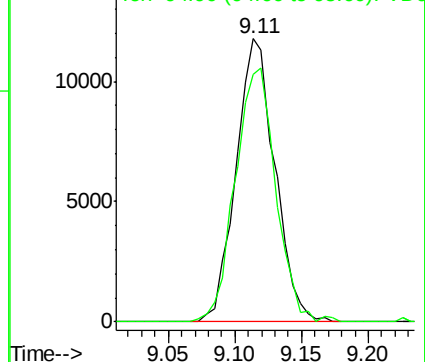
130 100

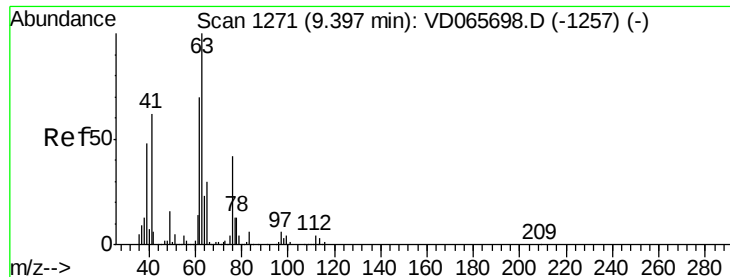
95 87.2 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

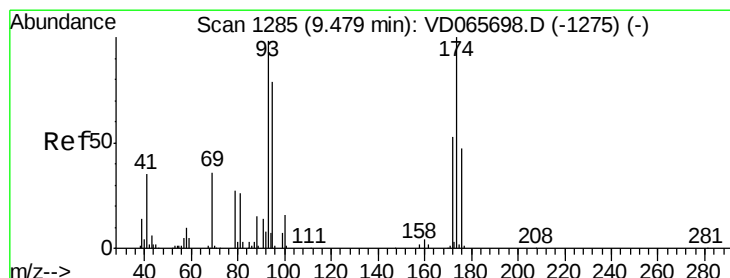
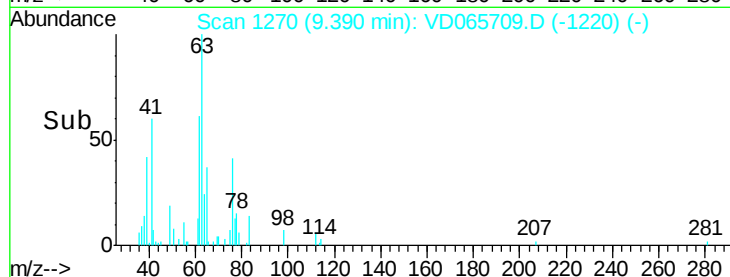
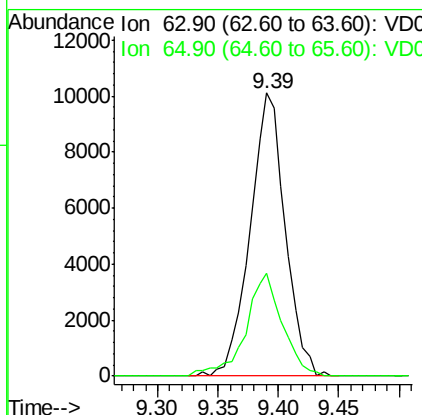
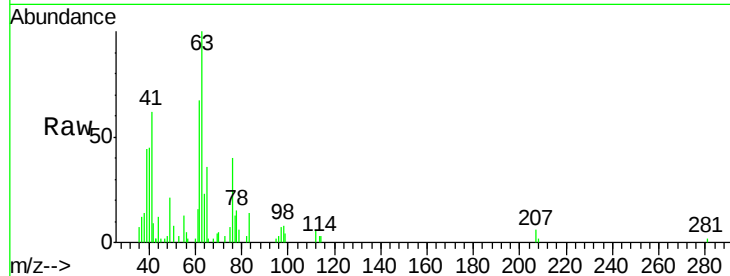




#45
 1,2-Dichloropropane
 Concen: 4.76 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

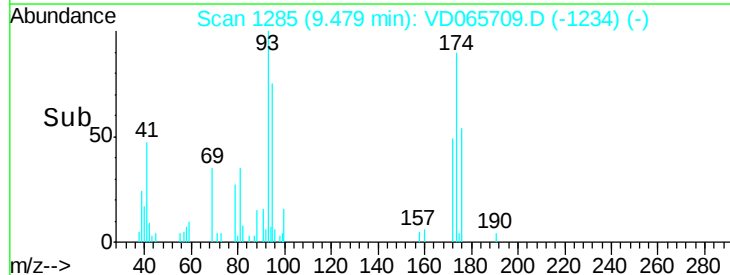
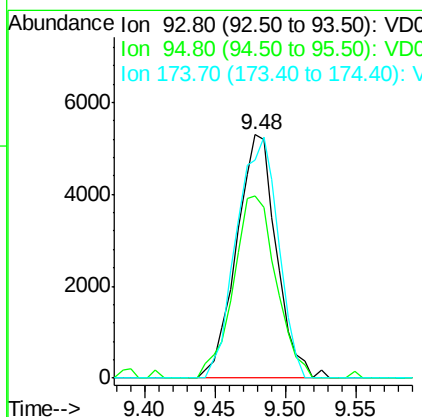
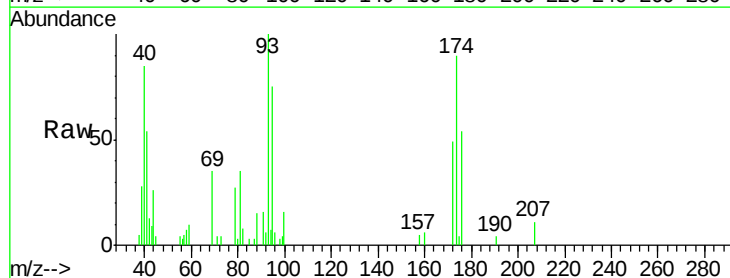
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

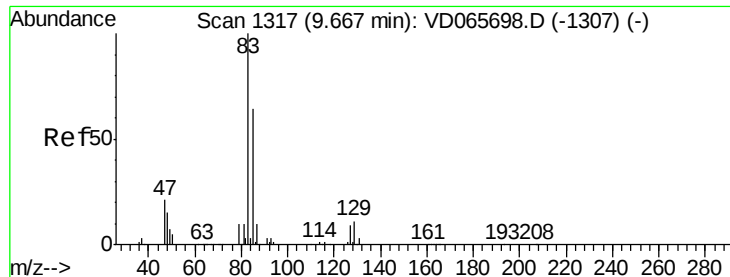
Tgt Ion: 63 Resp: 20353
 Ion Ratio Lower Upper
 63 100
 65 36.3 24.1 36.1#



#46
 Dibromomethane
 Concen: 4.88 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Tgt Ion: 93 Resp: 10473
 Ion Ratio Lower Upper
 93 100
 95 79.9 65.3 97.9
 174 103.1 82.7 124.1





#47

Bromodichloromethane

Concen: 4.89 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0309

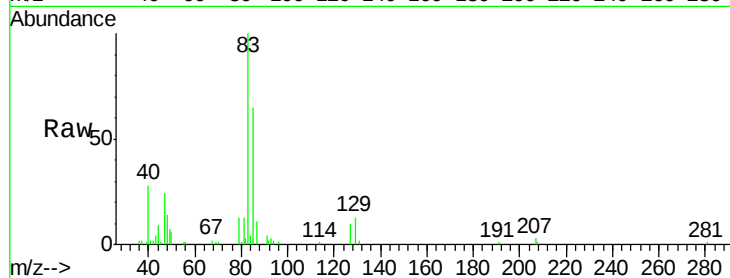
Tgt Ion: 83 Resp: 28030

Ion Ratio Lower Upper

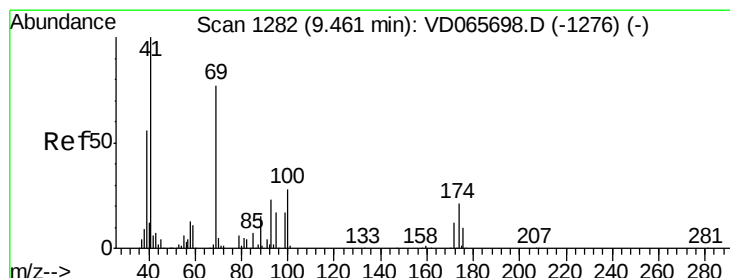
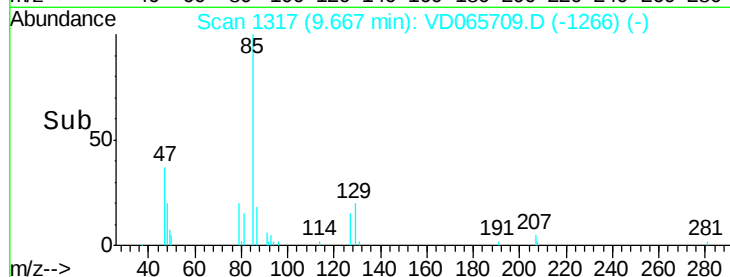
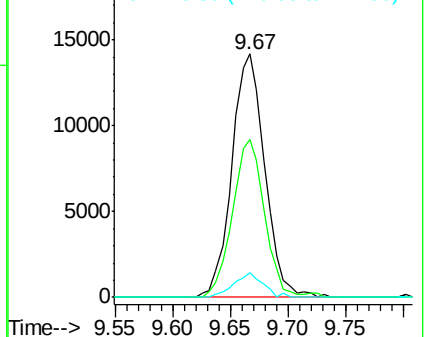
83 100

85 64.8 50.9 76.3

127 9.9 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): VDC



#48

Methyl methacrylate

Concen: 4.37 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

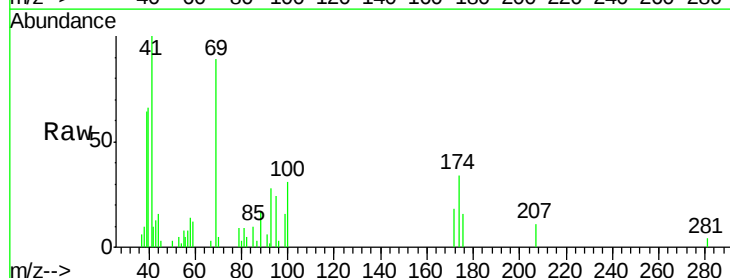
Tgt Ion: 41 Resp: 12751

Ion Ratio Lower Upper

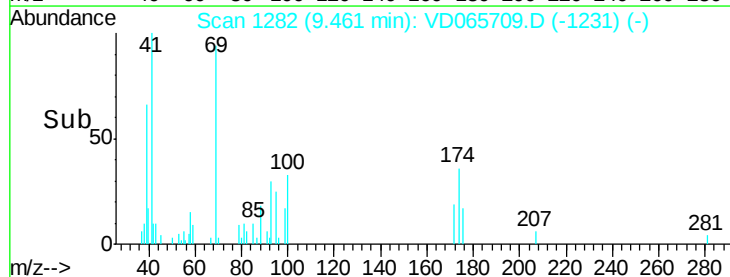
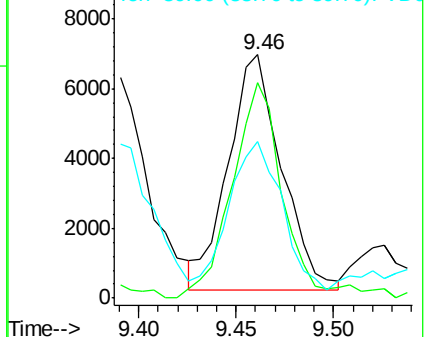
41 100

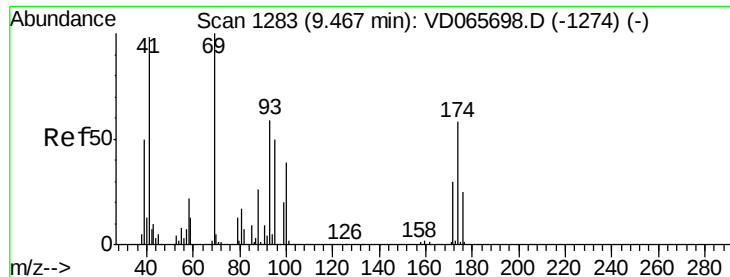
69 84.4 58.2 87.2

39 61.8 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

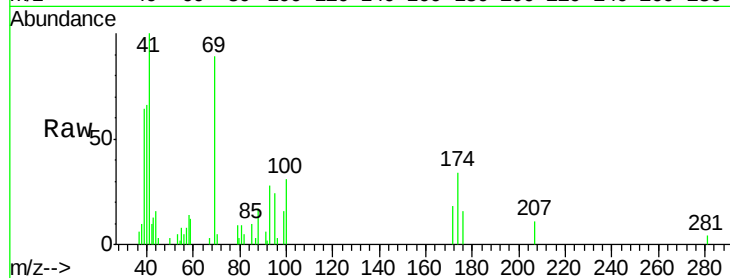




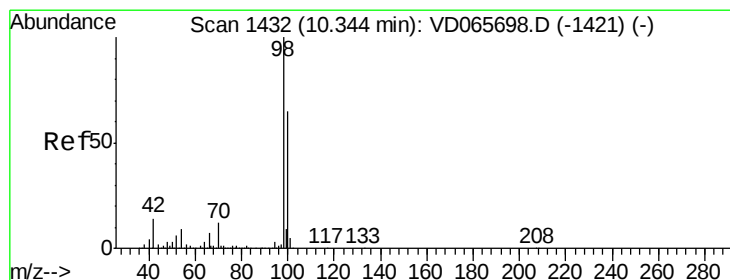
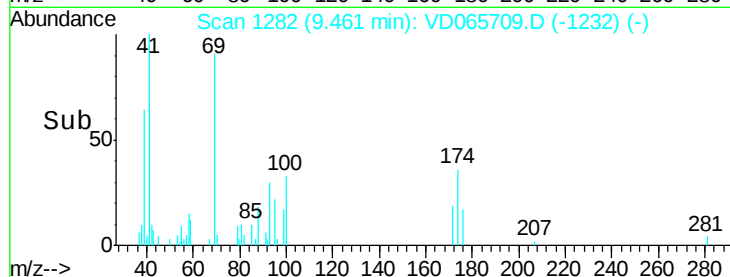
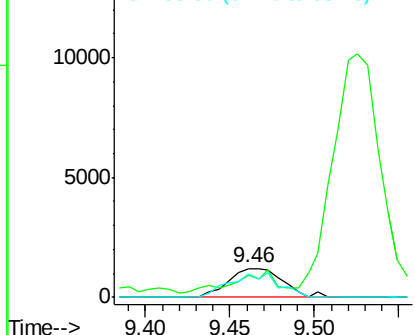
#49
1,4-Dioxane
Concen: 102.01 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD0309

Tgt Ion: 88 Resp: 2682
Ion Ratio Lower Upper
88 100
43 57.5 31.6 47.4#
58 75.3 60.2 90.4

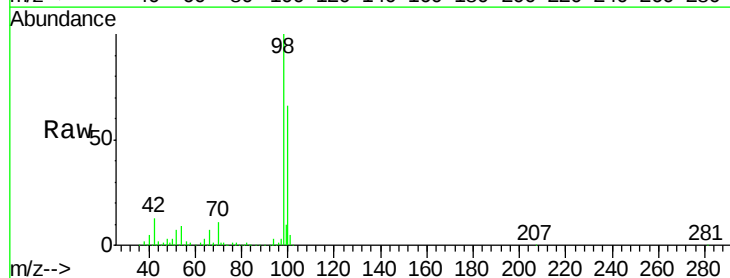


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

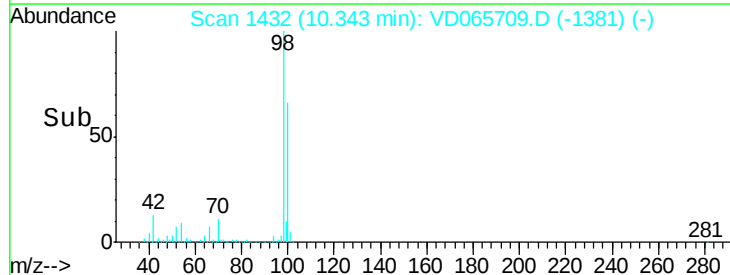
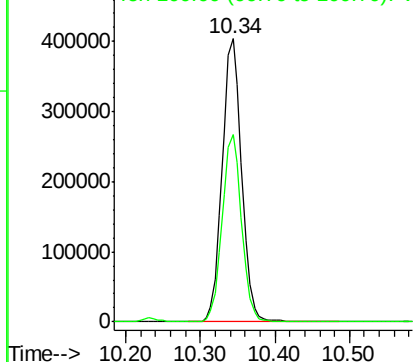


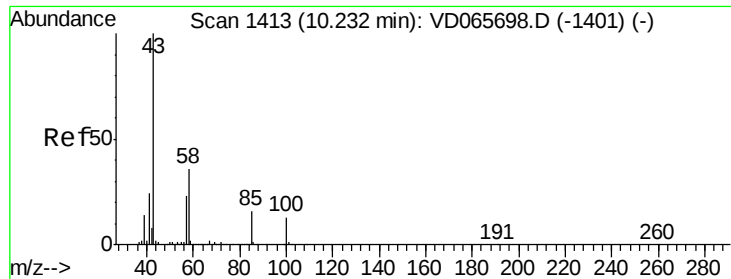
#50
Toluene-d8
Concen: 50.14 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

Tgt Ion: 98 Resp: 733606
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



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

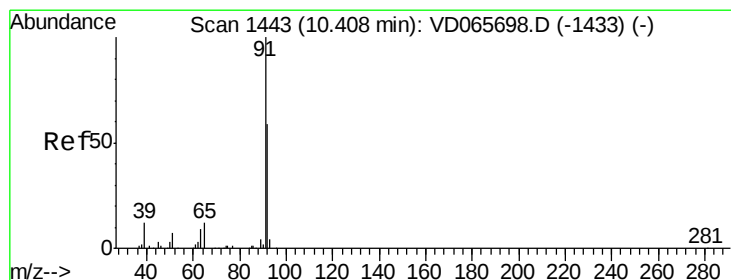
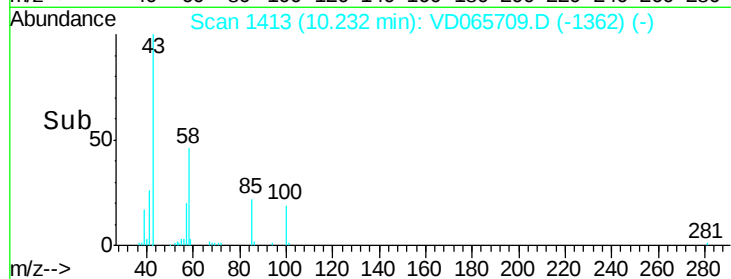
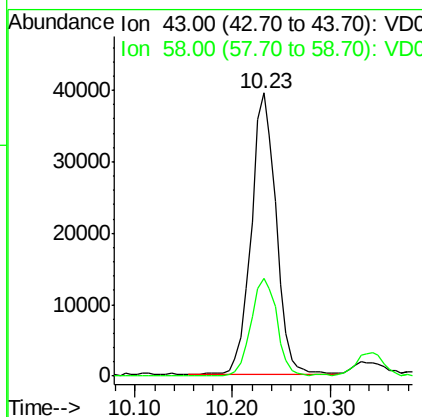
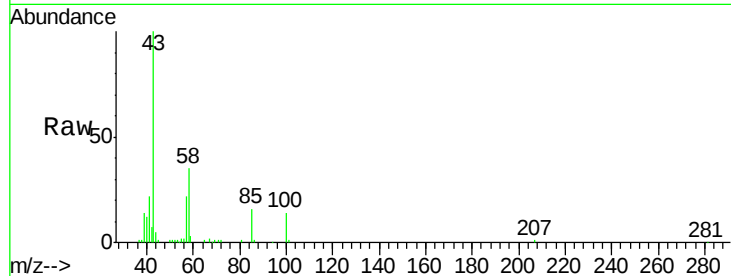




#51
 4-Methyl-2-Pentanone
 Concen: 24.81 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

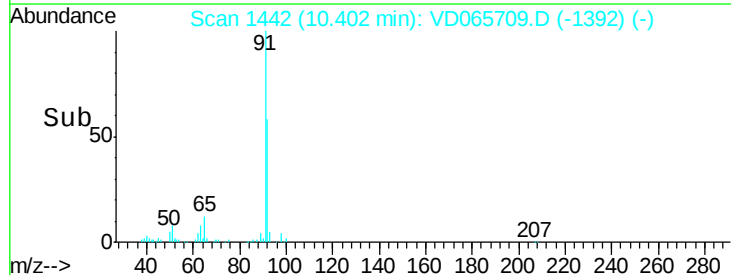
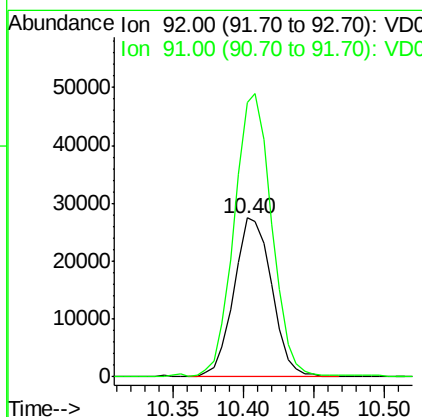
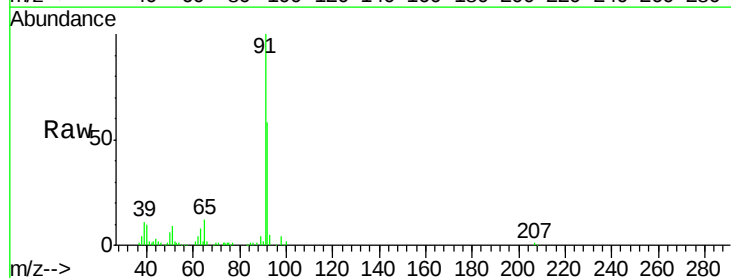
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

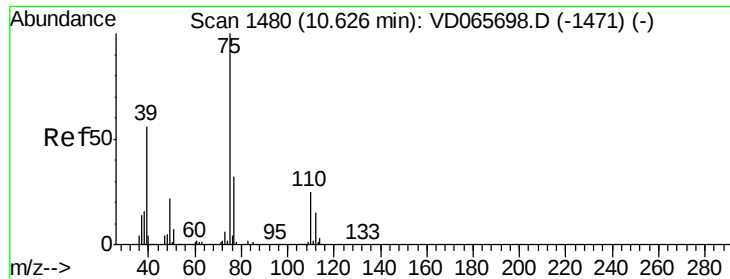
Tgt Ion: 43 Resp: 69699
 Ion Ratio Lower Upper
 43 100
 58 36.2 28.6 42.8



#52
 Toluene
 Concen: 4.92 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Tgt Ion: 92 Resp: 51489
 Ion Ratio Lower Upper
 92 100
 91 178.5 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 4.90 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

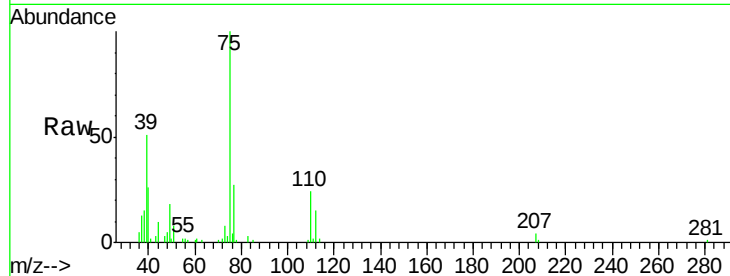
VD0309

Tgt Ion: 75 Resp: 28456

Ion Ratio Lower Upper

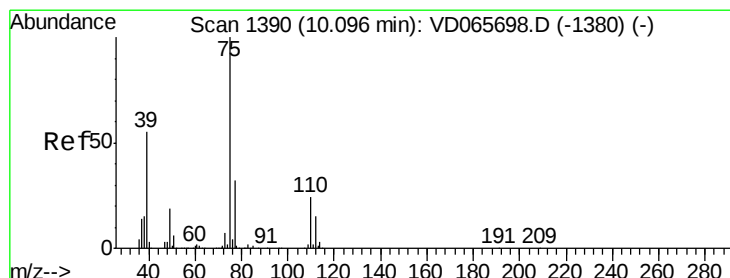
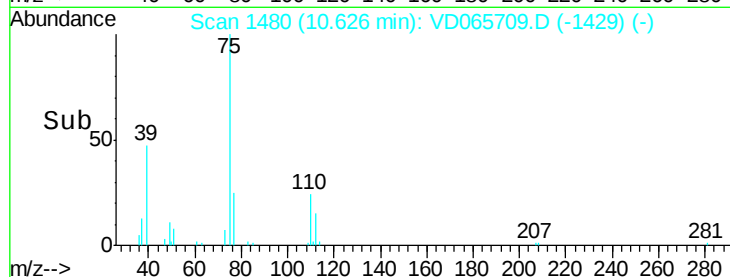
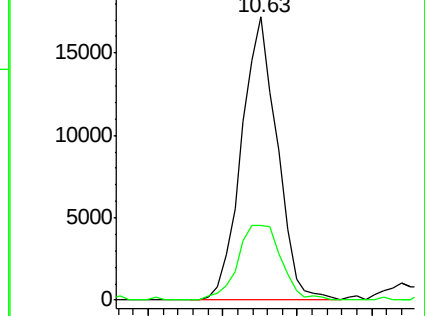
75 100

77 26.6 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 4.79 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

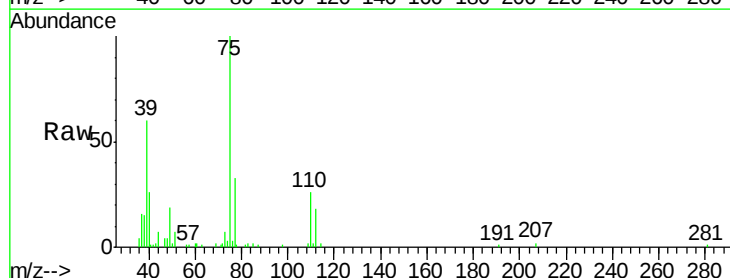
Tgt Ion: 75 Resp: 32798

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8

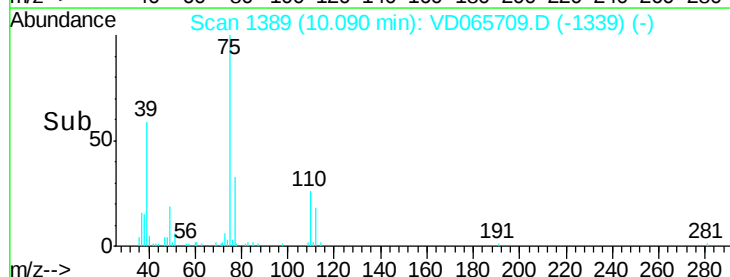
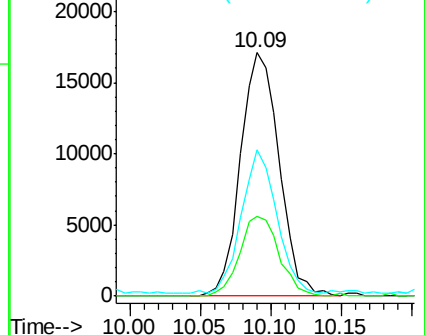
39 59.1 44.4 66.6

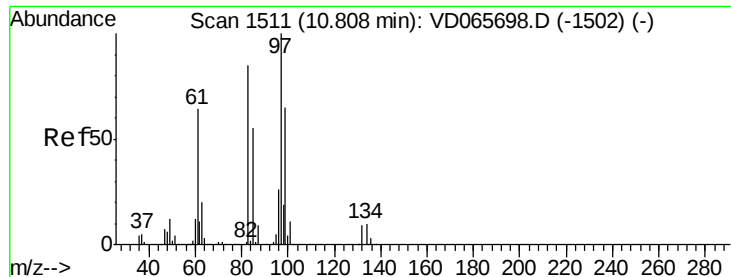


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

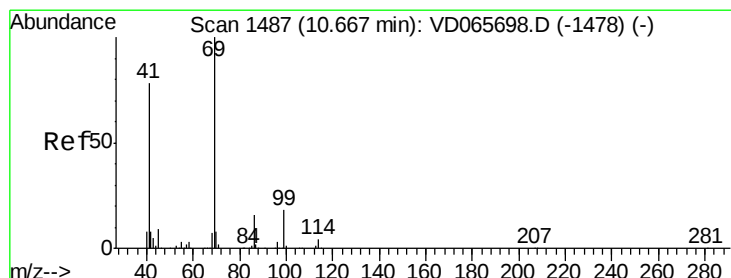
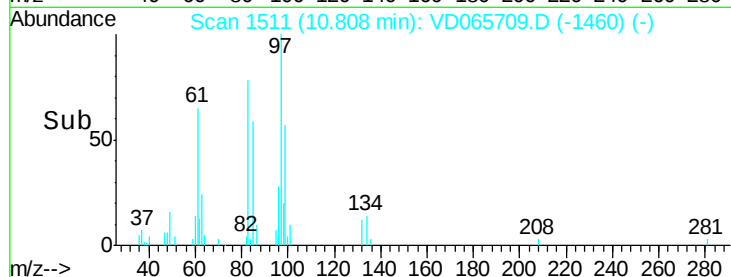
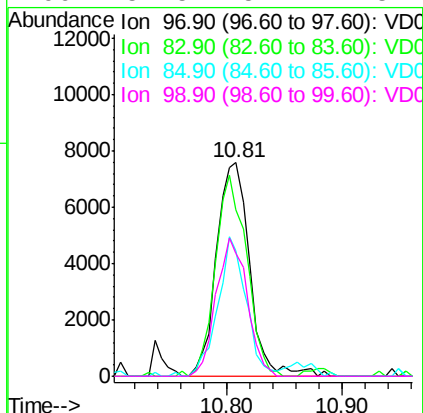
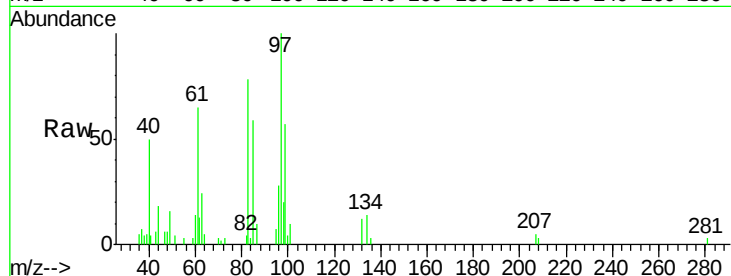




#55
 1,1,2-Trichloroethane
 Concen: 5.23 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

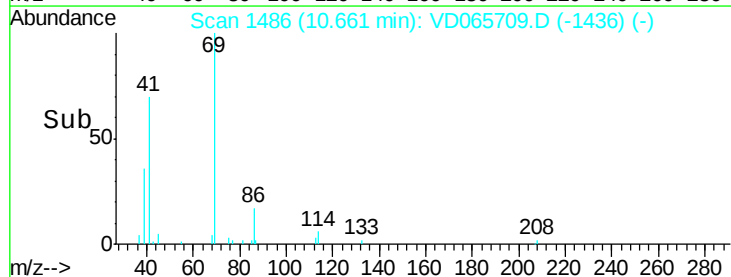
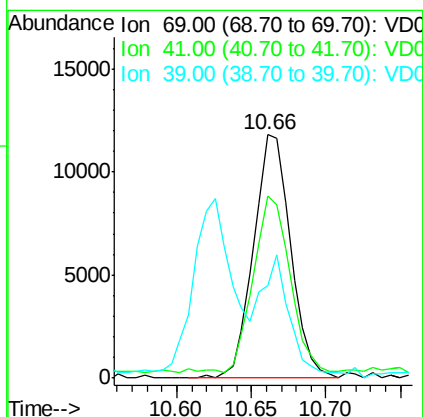
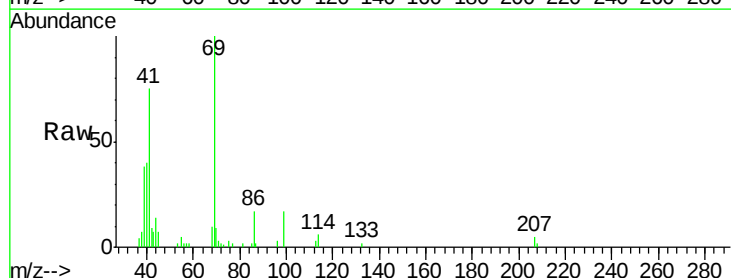
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

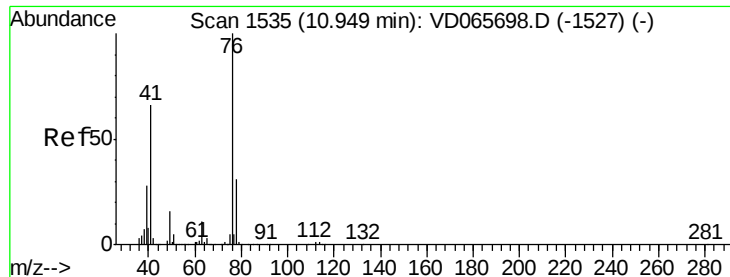
Tgt Ion:	97	Resp:	15113
Ion	Ratio	Lower	Upper
97	100		
83	78.1	68.2	102.4
85	58.6	43.6	65.4
99	57.5	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 4.86 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Tgt Ion:	69	Resp:	20298
Ion	Ratio	Lower	Upper
69	100		
41	69.9	61.4	92.0
39	36.6	32.7	49.1





#57

1,3-Dichloropropane

Concen: 4.88 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

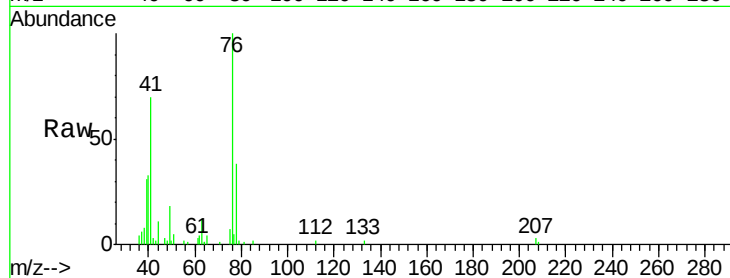
VD0309

Tgt Ion: 76 Resp: 25385

Ion Ratio Lower Upper

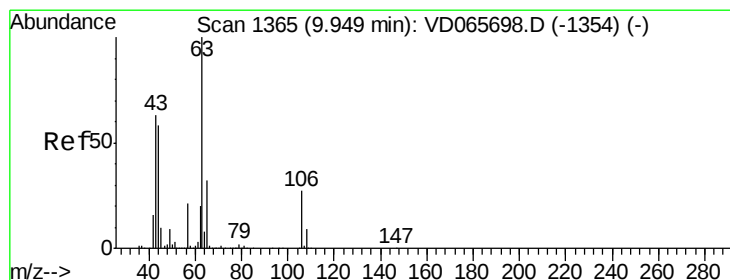
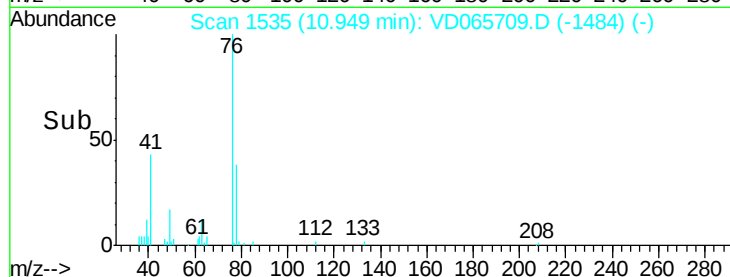
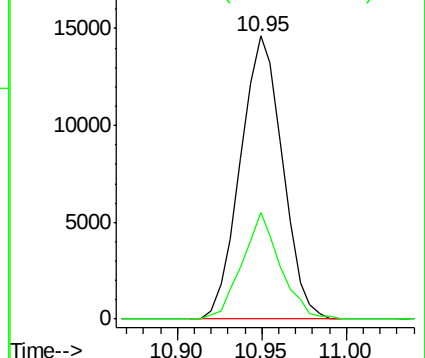
76 100

78 34.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 24.86 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065709.D

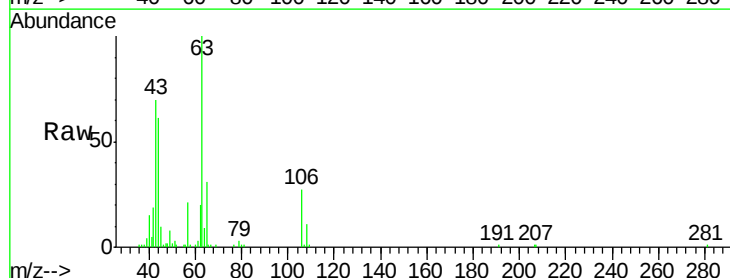
Acq: 07 May 2020 13:23

Tgt Ion: 63 Resp: 47654

Ion Ratio Lower Upper

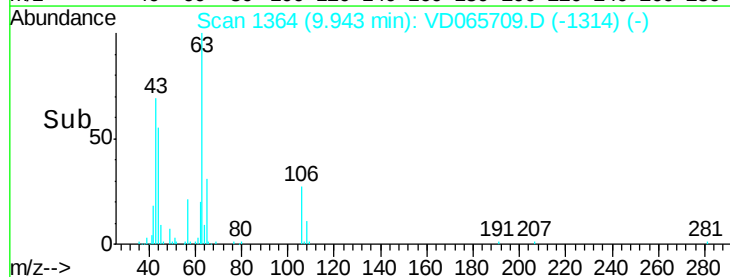
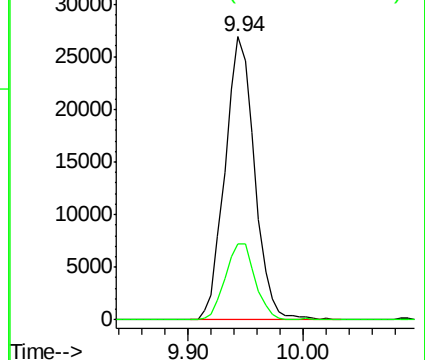
63 100

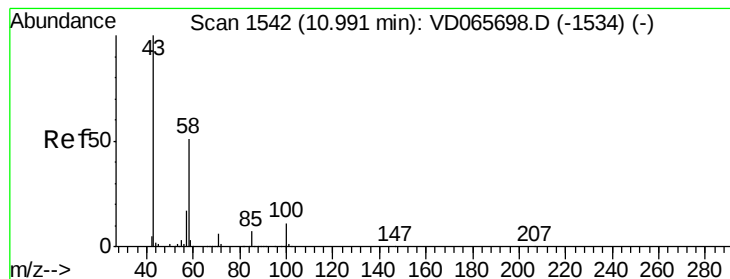
106 27.2 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 22.66 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. -0.01 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

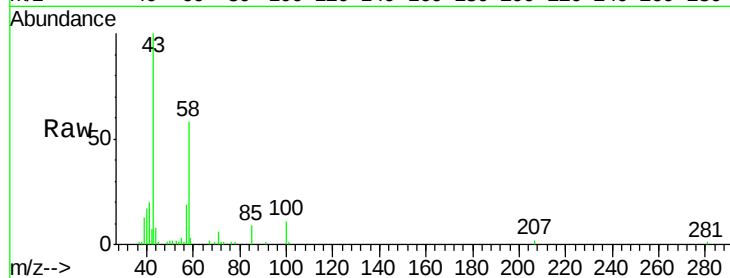
VD0309

Tgt Ion: 43 Resp: 43798

Ion Ratio Lower Upper

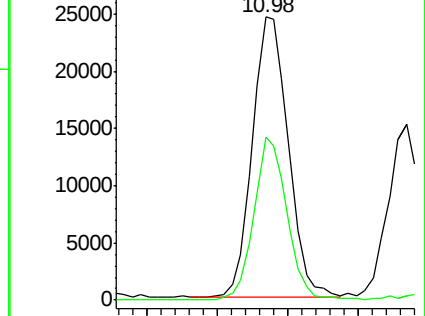
43 100

58 53.8 25.4 76.0

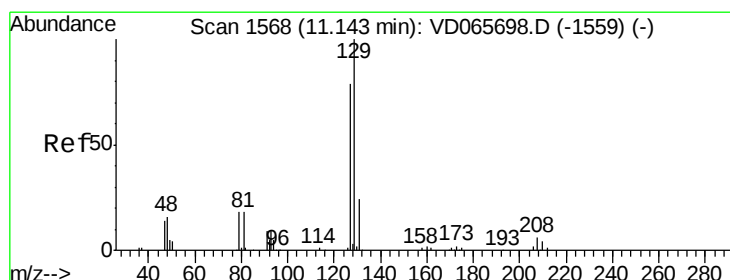
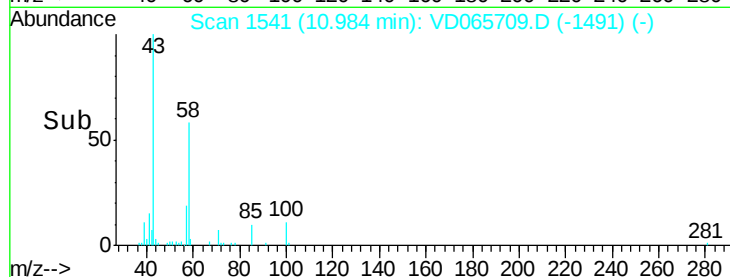


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->



#60

Dibromochloromethane

Concen: 4.98 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VD065709.D

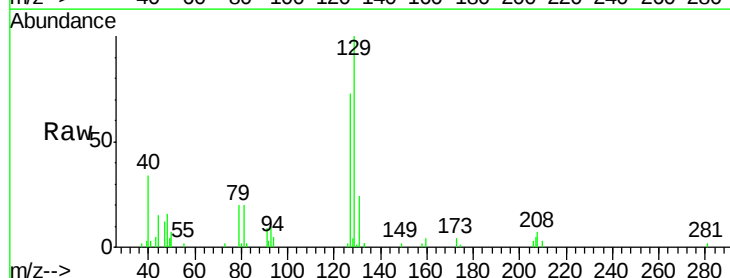
Acq: 07 May 2020 13:23

Tgt Ion: 129 Resp: 19353

Ion Ratio Lower Upper

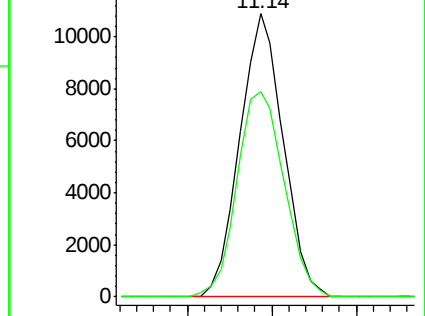
129 100

127 78.9 38.9 116.6

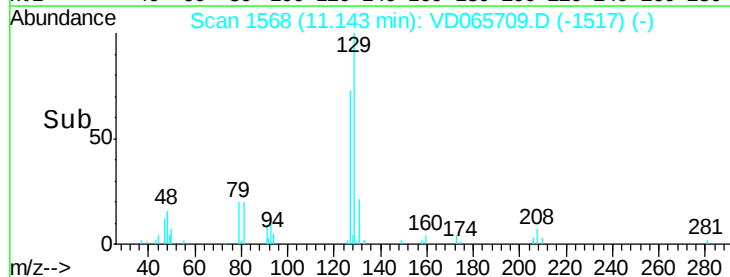


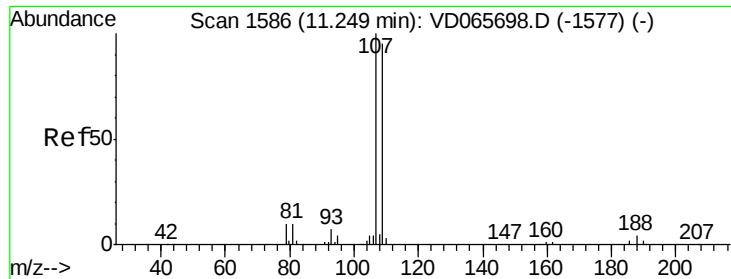
Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->

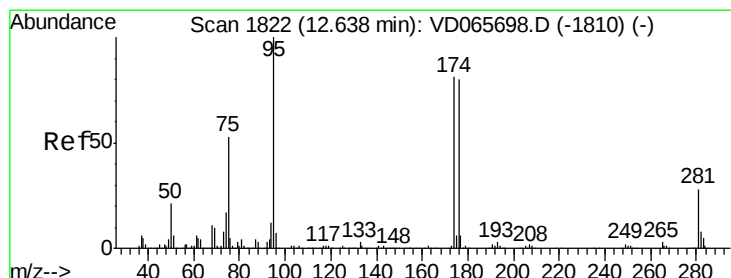
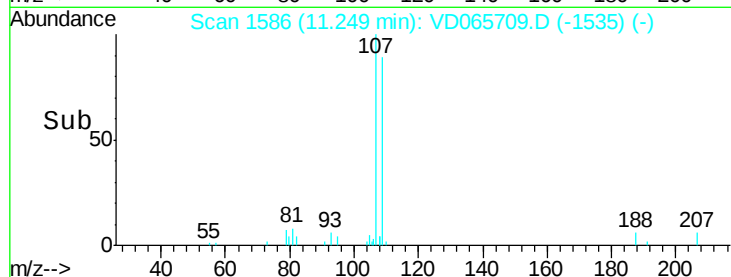
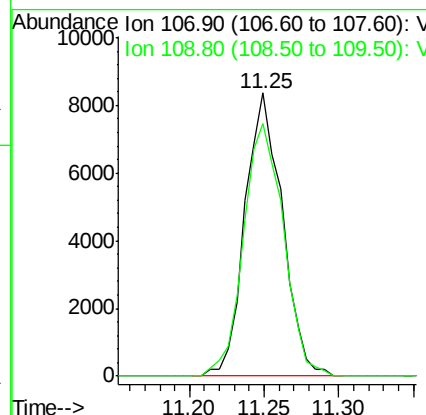
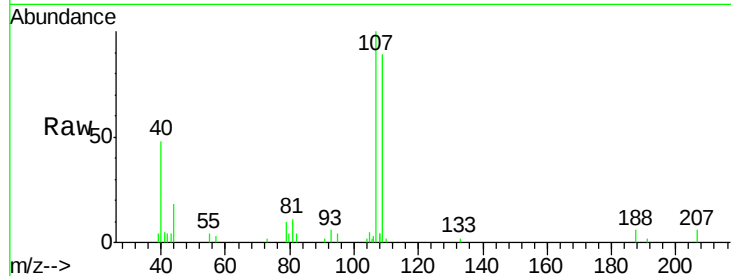




#61
 1,2-Dibromoethane
 Concen: 4.98 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

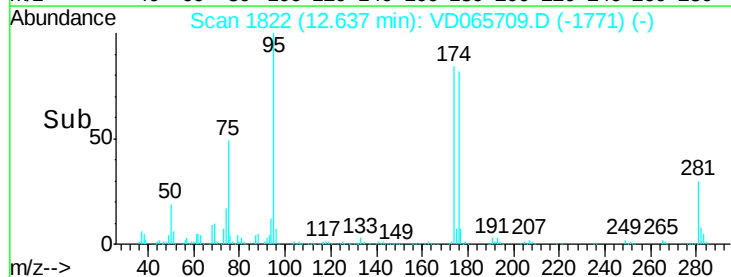
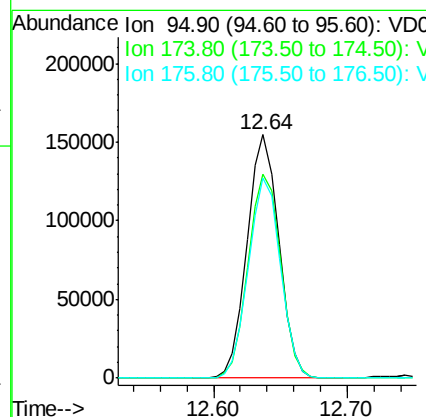
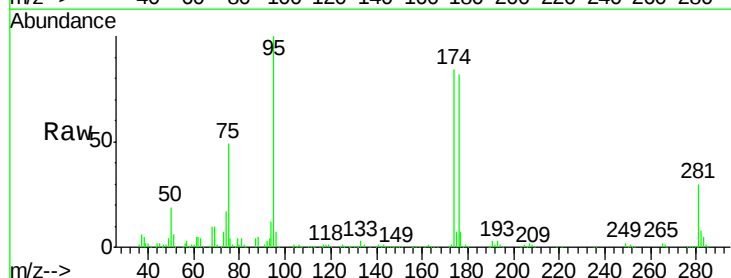
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

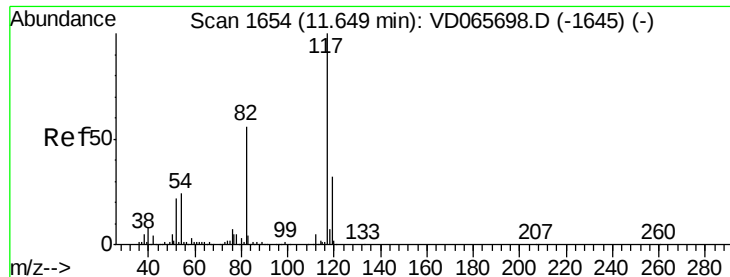
Tgt Ion: 107 Resp: 14479
 Ion Ratio Lower Upper
 107 100
 109 95.8 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 48.93 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Tgt Ion: 95 Resp: 253818
 Ion Ratio Lower Upper
 95 100
 174 86.0 0.0 162.6
 176 83.3 0.0 159.0

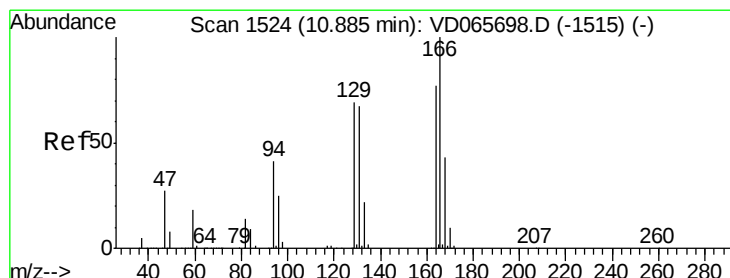
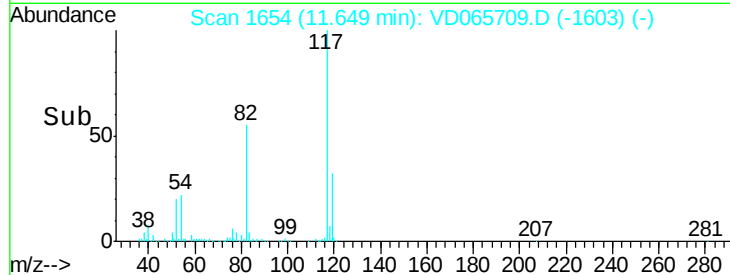
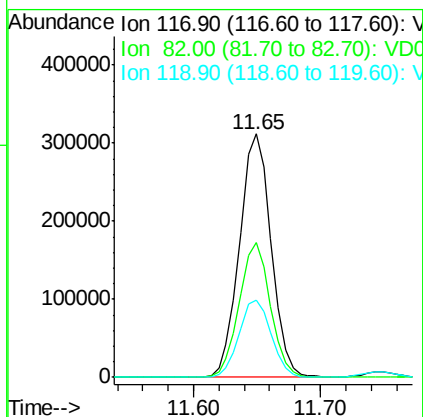
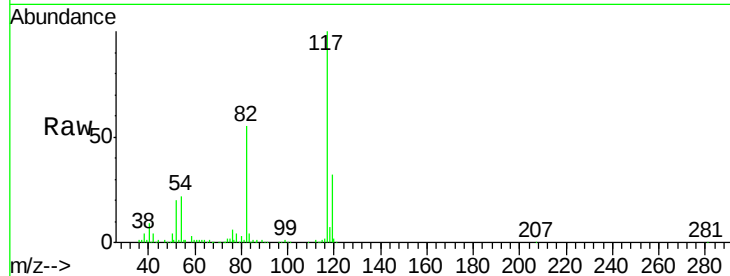




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

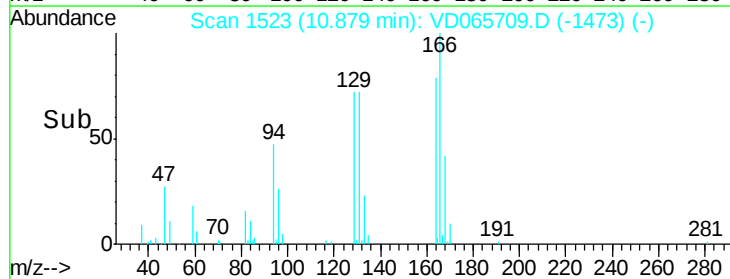
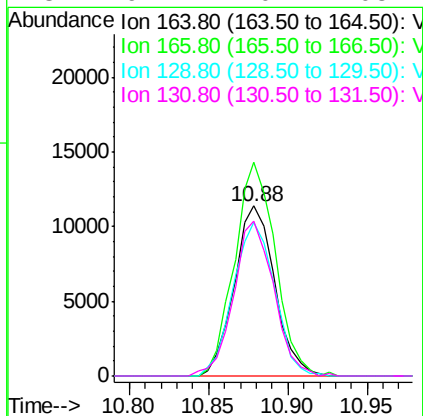
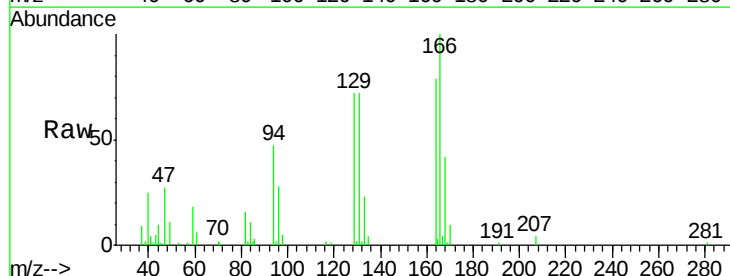
Instrument :
MSVOA_D
ClientSampleId :
VD0309

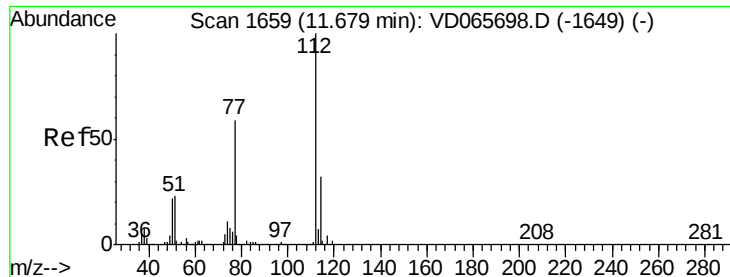
Tgt Ion:117 Resp: 540888
Ion Ratio Lower Upper
117 100
82 55.1 44.9 67.3
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 5.25 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.01 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

Tgt Ion:164 Resp: 20193
Ion Ratio Lower Upper
164 100
166 125.8 104.3 156.5
129 90.2 71.9 107.9
131 91.1 70.2 105.2





#65

Chlorobenzene

Concen: 5.02 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

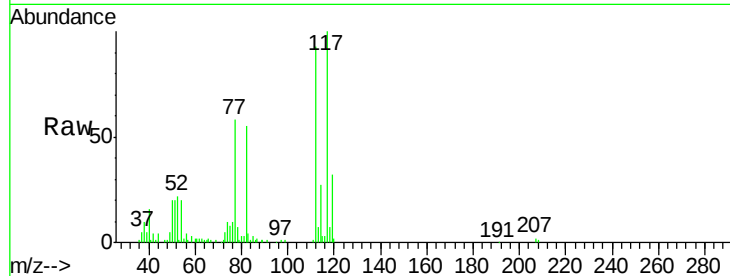
VD0309

Tgt Ion:112 Resp: 54676

Ion Ratio Lower Upper

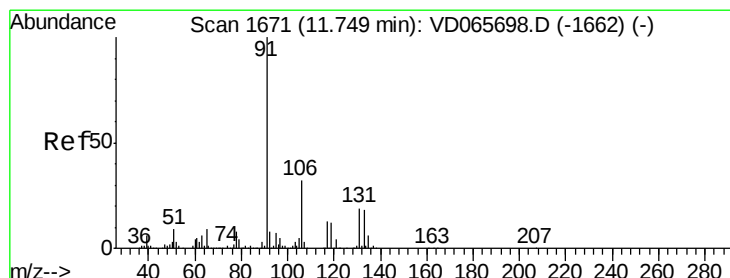
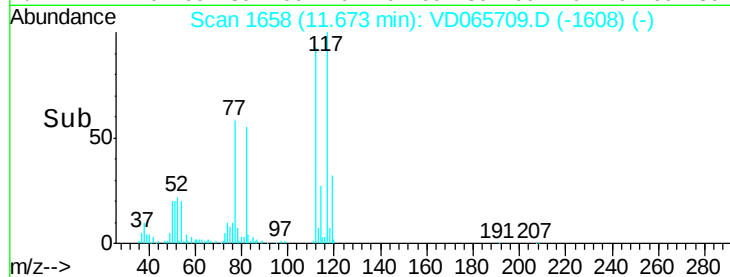
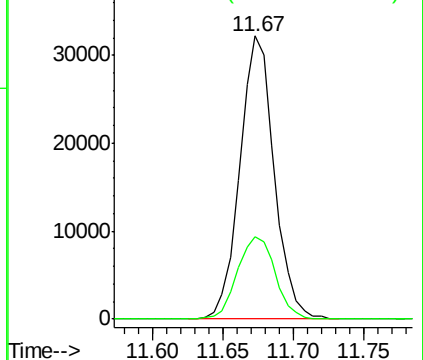
112 100

114 29.2 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.15 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

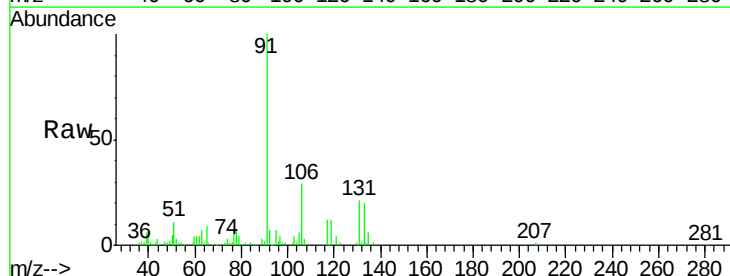
Tgt Ion:131 Resp: 20907

Ion Ratio Lower Upper

131 100

133 100.1 47.3 141.8

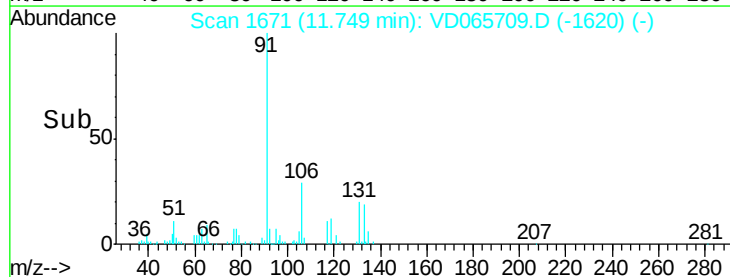
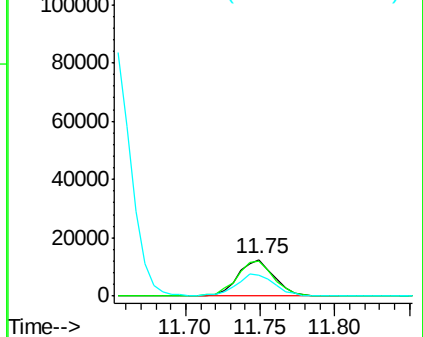
119 64.2 31.8 95.4

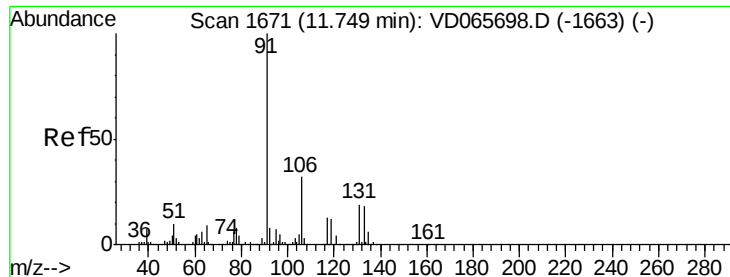


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.04 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

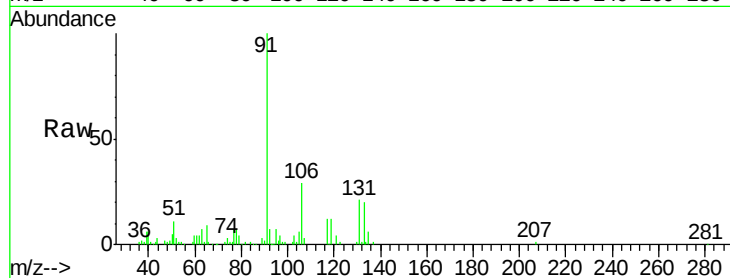
VD0309

Tgt Ion: 91 Resp: 102414

Ion Ratio Lower Upper

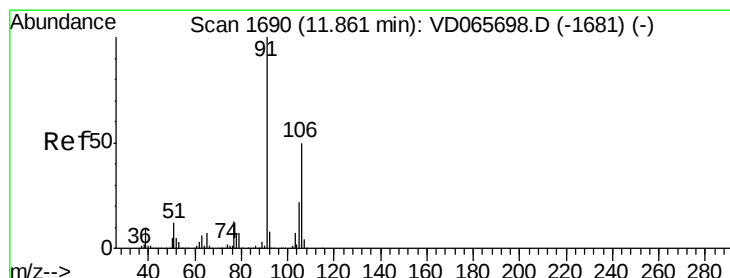
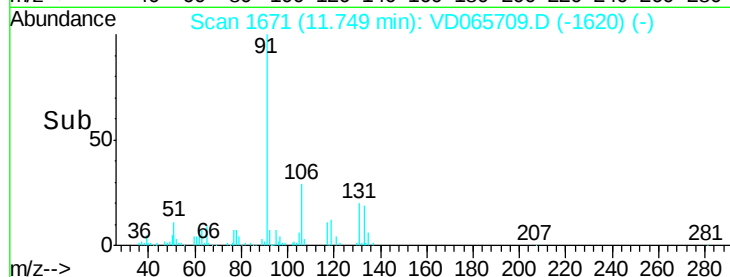
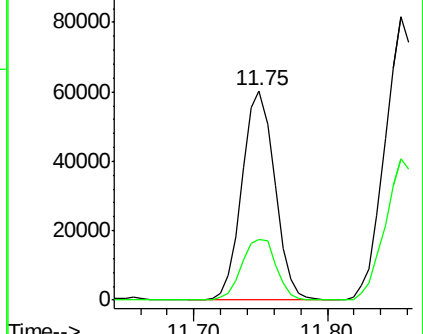
91 100

106 29.2 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 10.09 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD065709.D

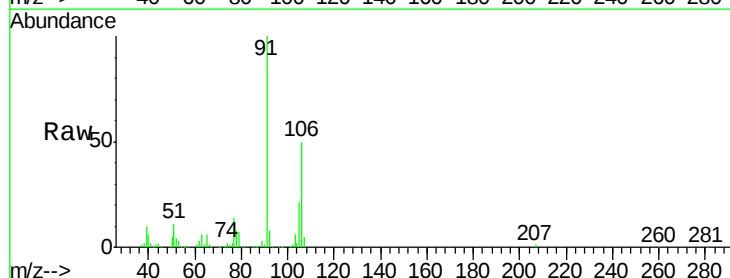
Acq: 07 May 2020 13:23

Tgt Ion: 106 Resp: 76488

Ion Ratio Lower Upper

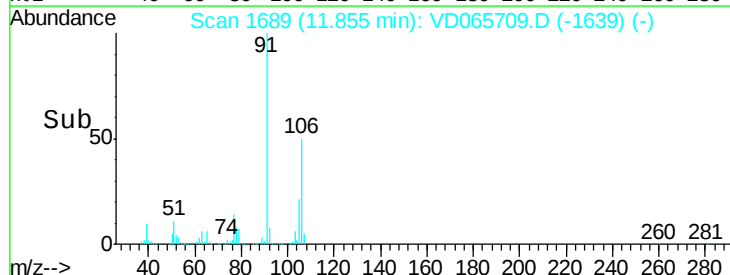
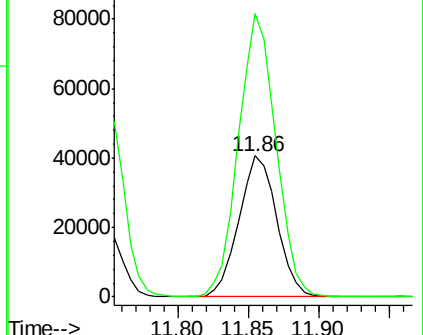
106 100

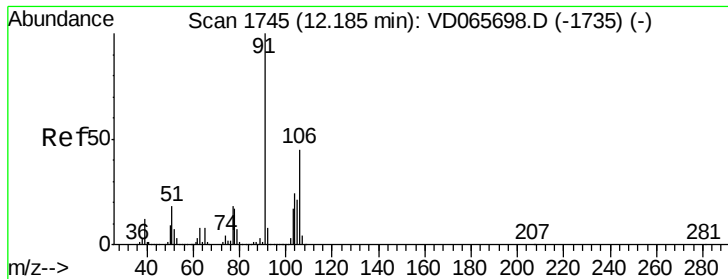
91 198.0 163.1 244.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

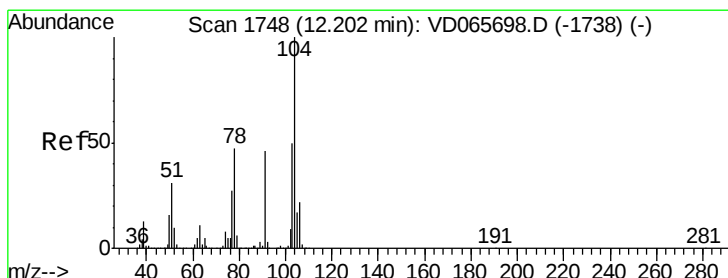
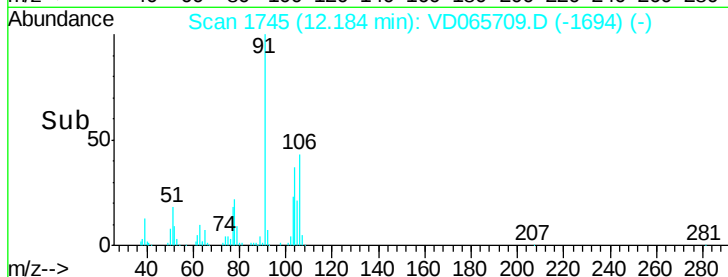
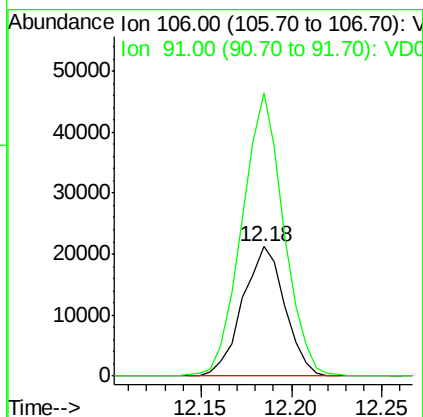
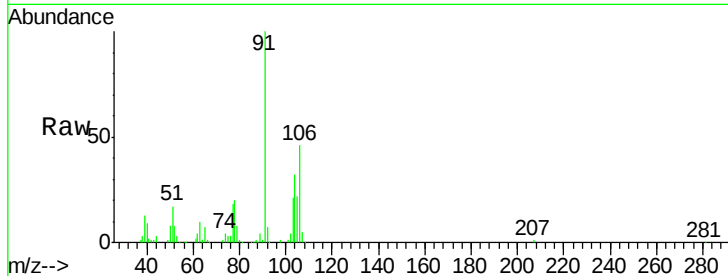




#69
o-Xylene
Concen: 4.88 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

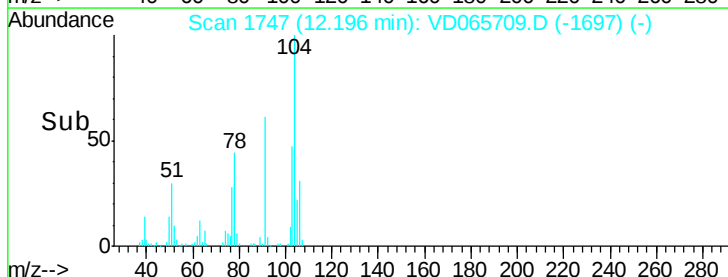
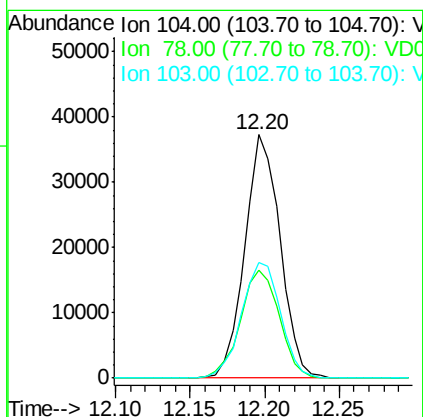
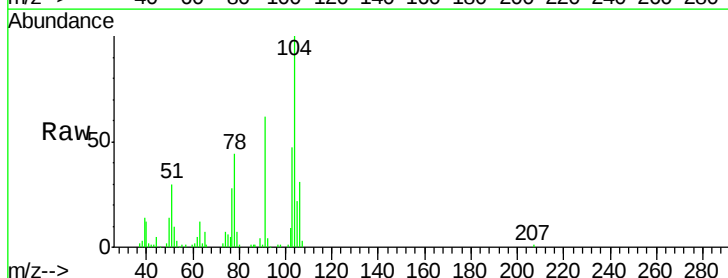
Instrument :
MSVOA_D
ClientSampled :
VD0309

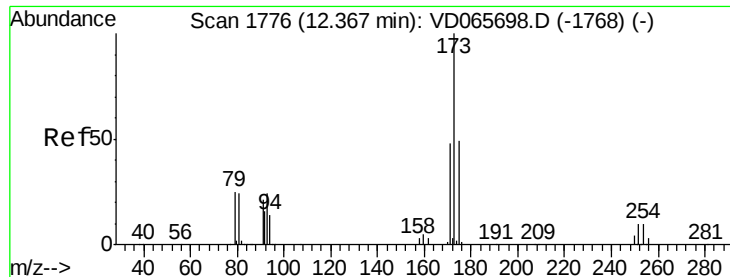
Tgt Ion:106 Resp: 34511
Ion Ratio Lower Upper
106 100
91 215.2 107.9 323.7



#70
Styrene
Concen: 5.01 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

Tgt Ion:104 Resp: 60976
Ion Ratio Lower Upper
104 100
78 48.6 41.0 61.4
103 52.6 43.8 65.6





#71

Bromoform

Concen: 5.14 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0309

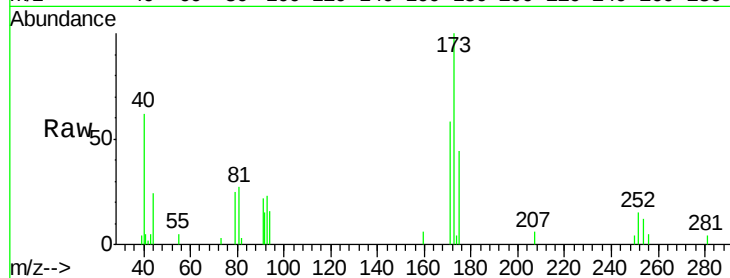
Tgt Ion:173 Resp: 11753

Ion Ratio Lower Upper

173 100

175 49.4 24.5 73.5

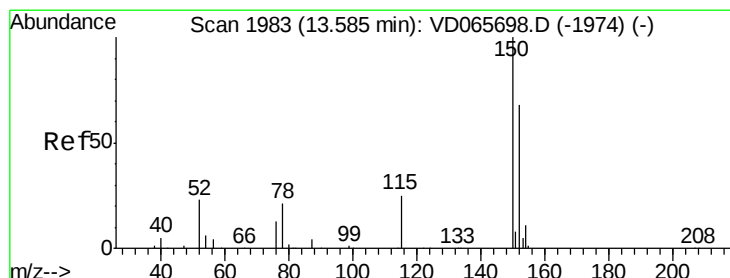
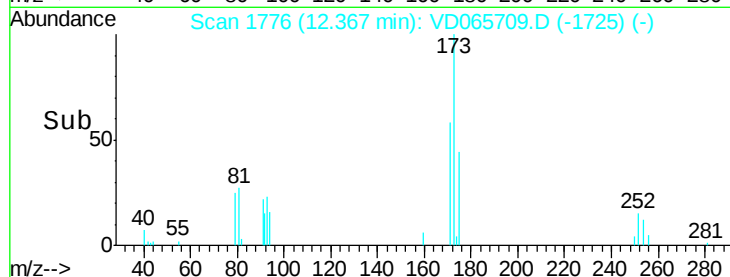
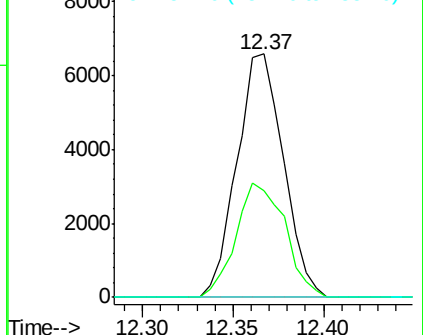
254 0.0 0.0 0.0



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: VD065709.D

Acq: 07 May 2020 13:23

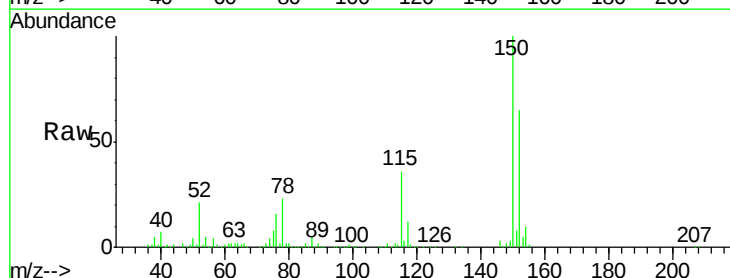
Tgt Ion:152 Resp: 266156

Ion Ratio Lower Upper

152 100

115 55.8 29.5 88.5

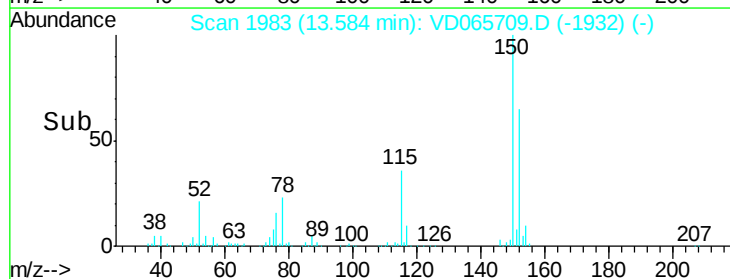
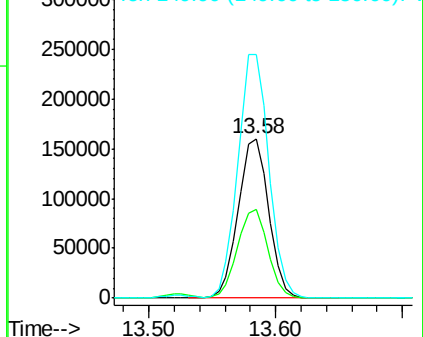
150 156.5 0.0 346.8

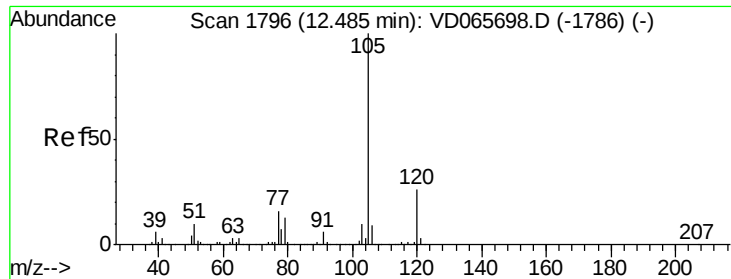


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.72 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

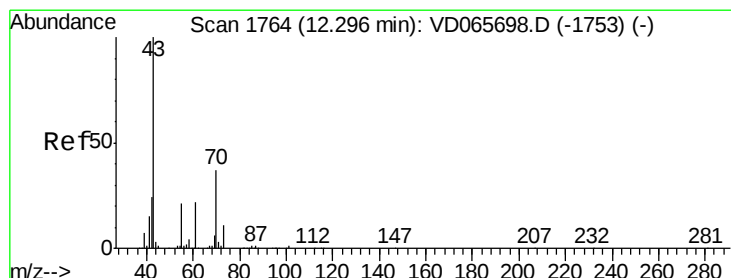
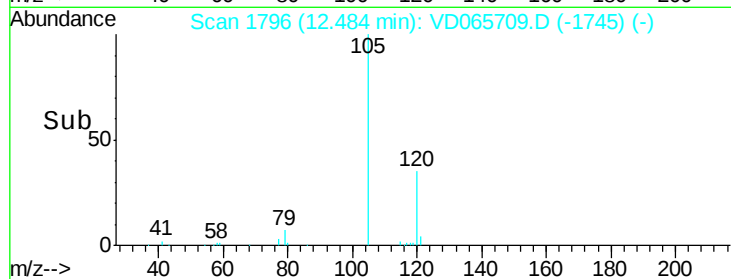
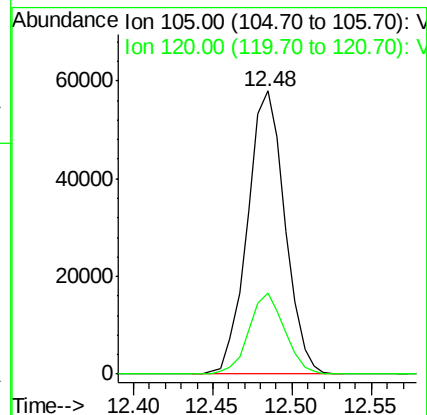
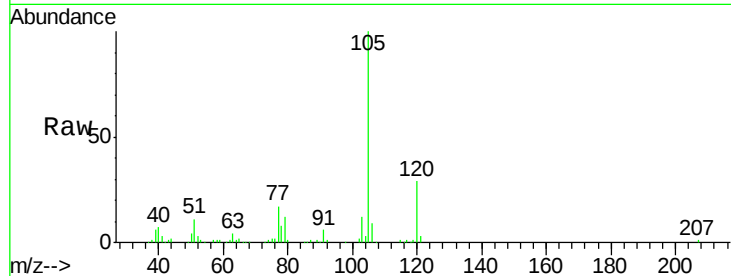
VD0309

Tgt Ion:105 Resp: 95201

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 4.51 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Tgt Ion: 43 Resp: 25990

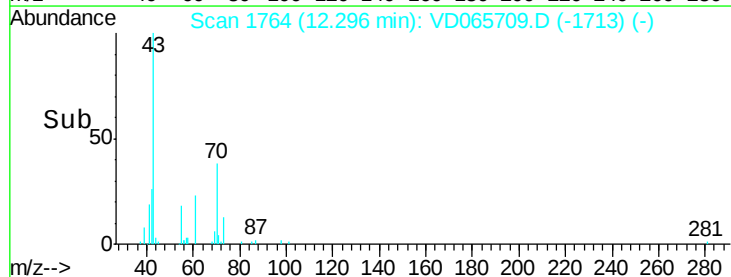
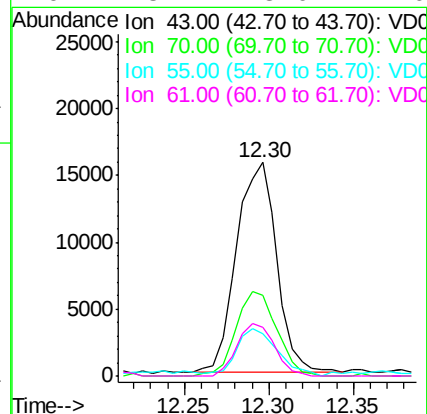
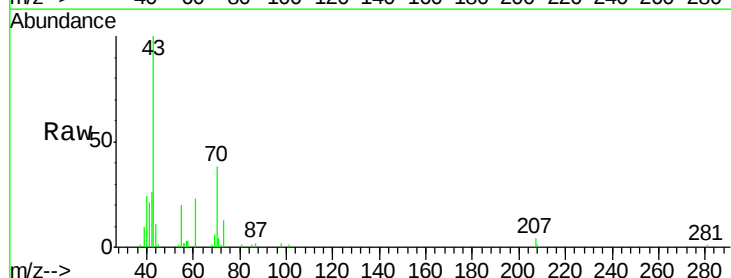
Ion Ratio Lower Upper

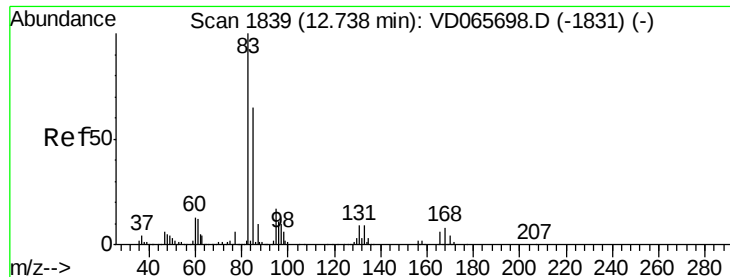
43 100

70 40.7 29.3 43.9

55 23.0 16.4 24.6

61 23.2 18.0 27.0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.97 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0309

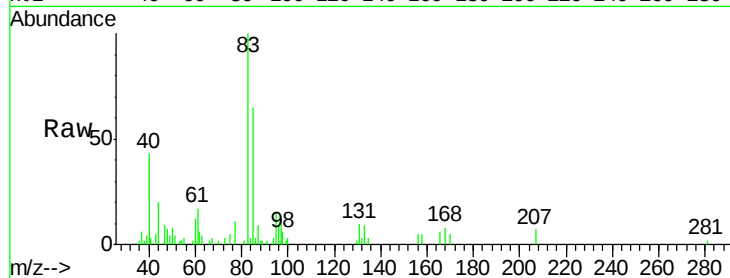
Tgt Ion: 83 Resp: 16790

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.7

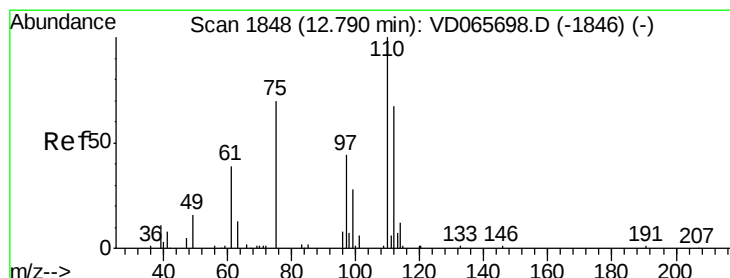
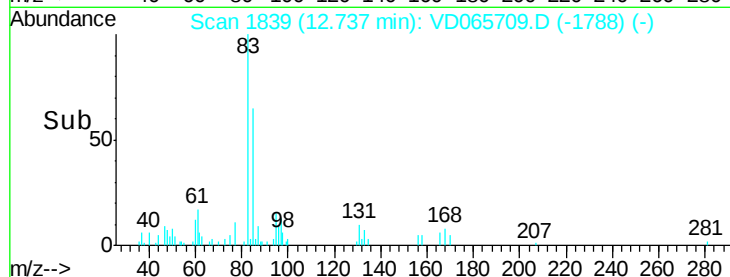
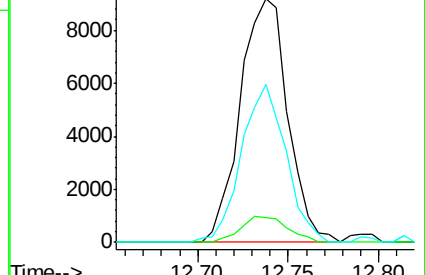
85 60.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 10.01 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065709.D

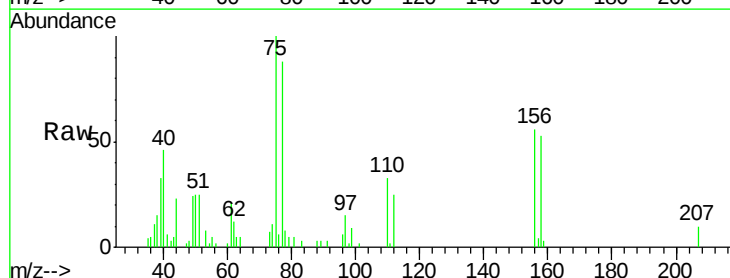
Acq: 07 May 2020 13:23

Tgt Ion: 75 Resp: 22498

Ion Ratio Lower Upper

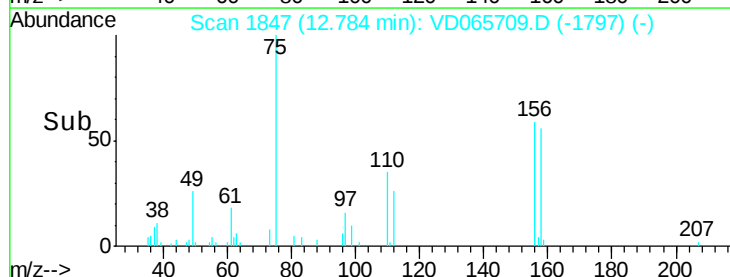
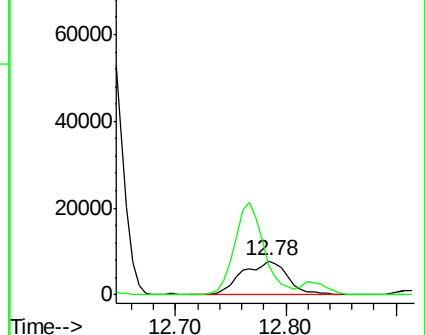
75 100

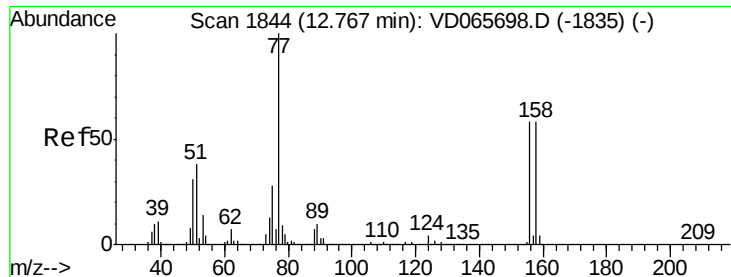
77 179.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 4.98 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0309

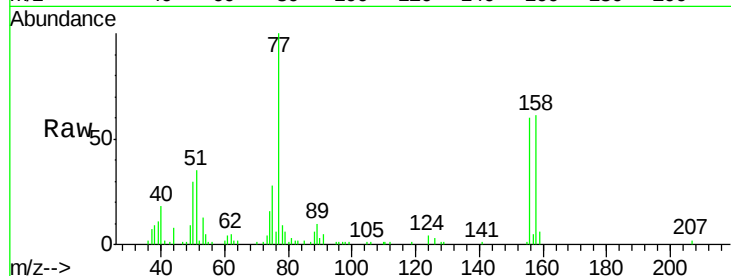
Tgt Ion:156 Resp: 23018

Ion Ratio Lower Upper

156 100

77 175.2 92.9 278.7

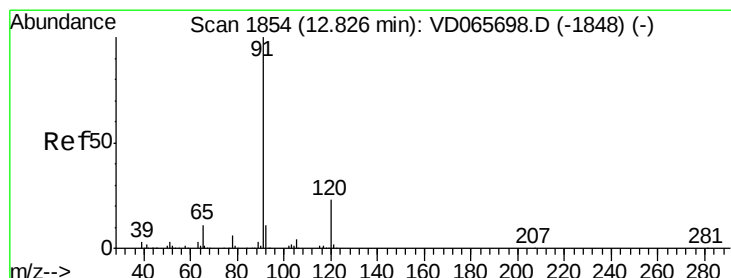
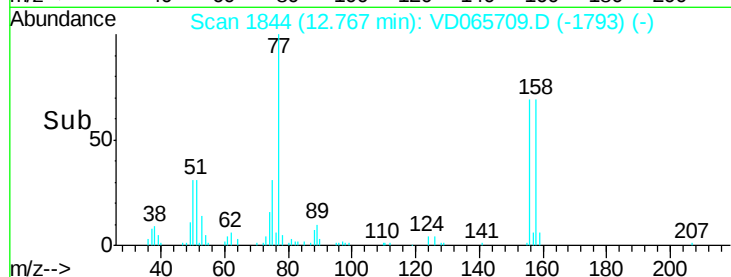
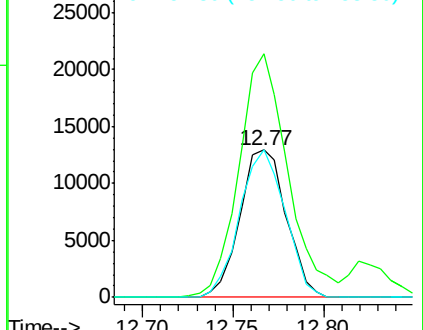
158 98.0 48.9 146.7



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: 4.69 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065709.D

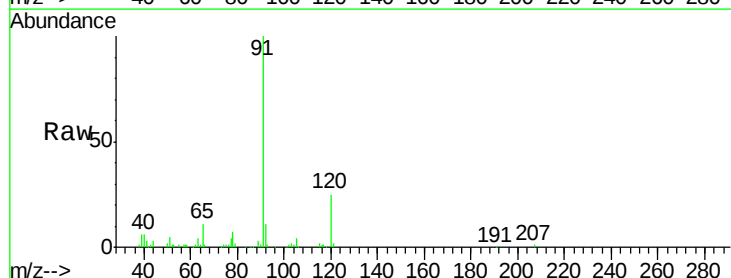
Acq: 07 May 2020 13:23

Tgt Ion: 91 Resp: 111363

Ion Ratio Lower Upper

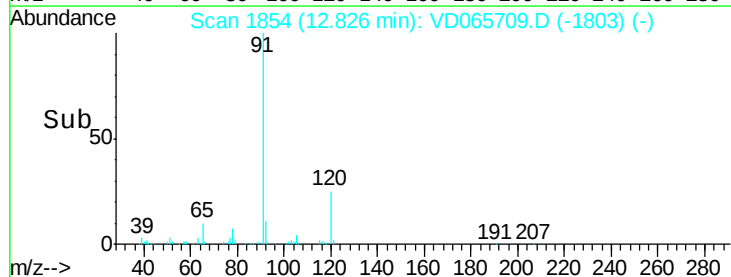
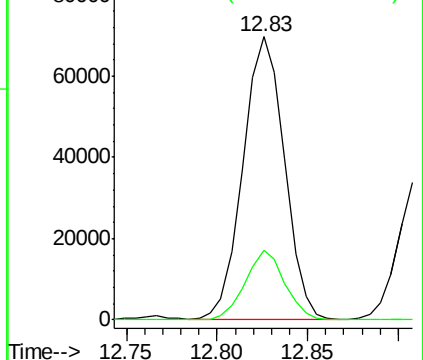
91 100

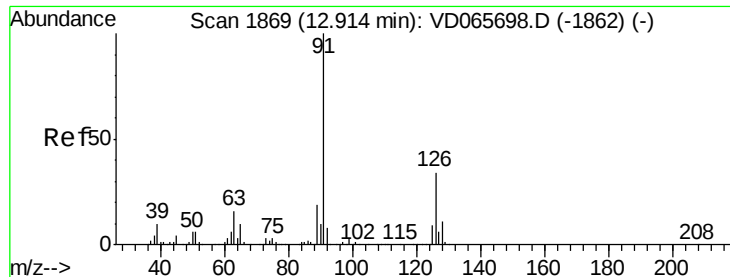
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

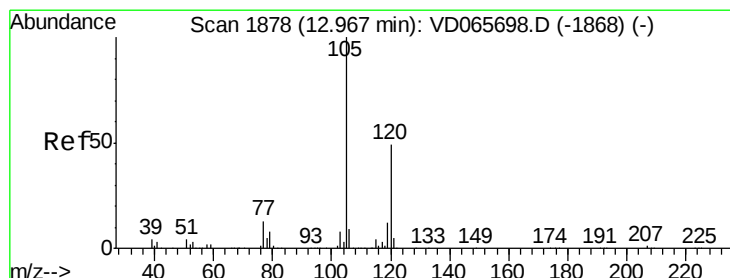
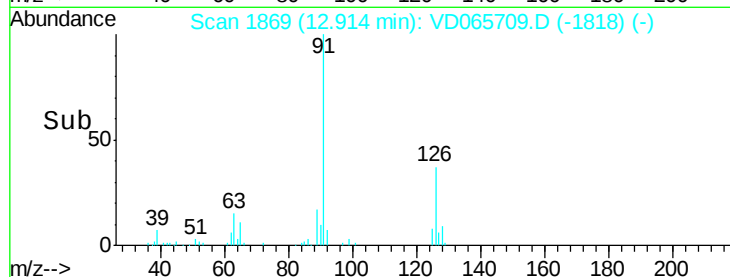
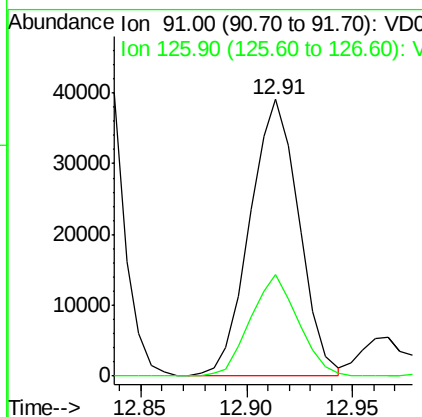
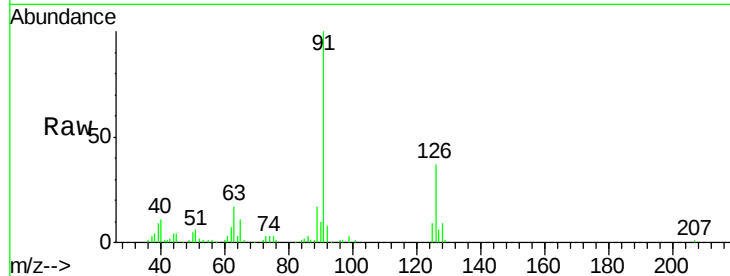




#79
 2-Chlorotoluene
 Concen: 4.72 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

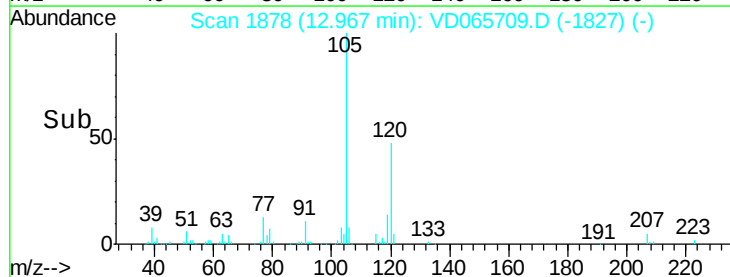
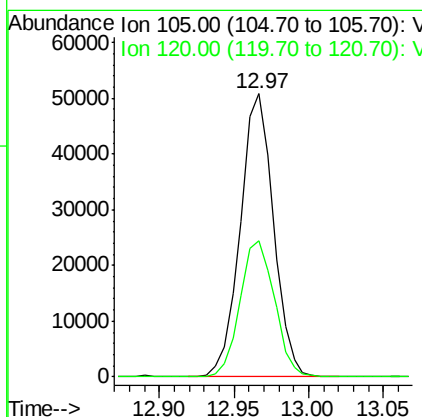
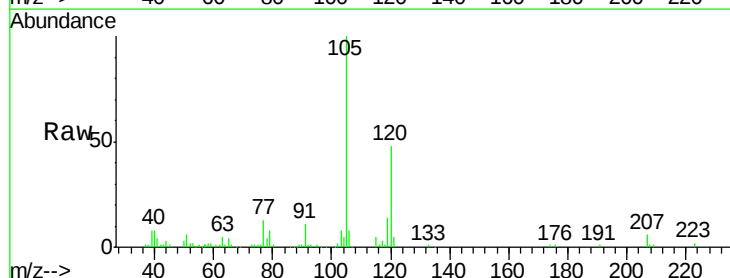
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

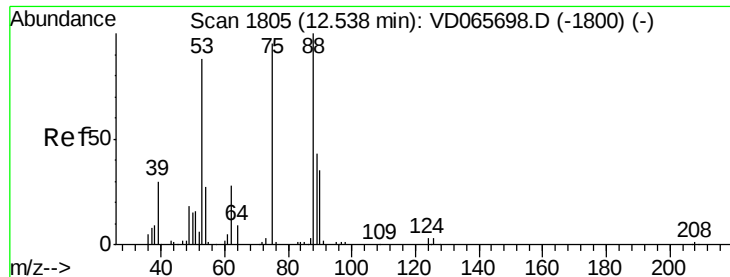
Tgt Ion: 91 Resp: 63381
 Ion Ratio Lower Upper
 91 100
 126 35.6 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 4.73 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Tgt Ion: 105 Resp: 78299
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.54 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0309

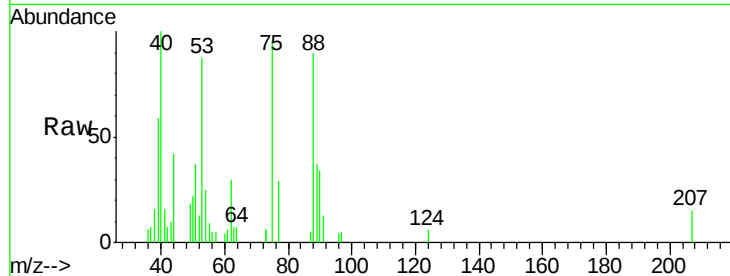
Tgt Ion: 75 Resp: 5761

Ion Ratio Lower Upper

75 100

53 94.5 75.8 113.8

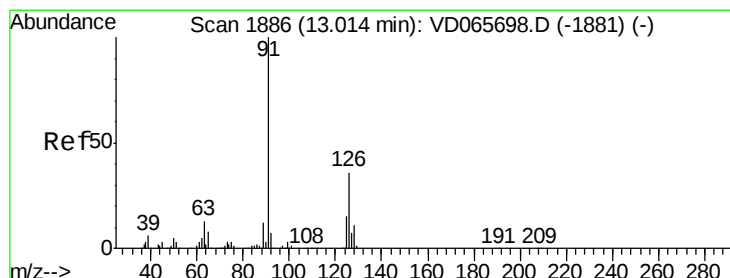
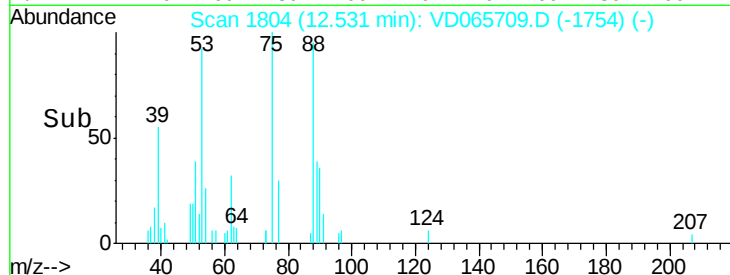
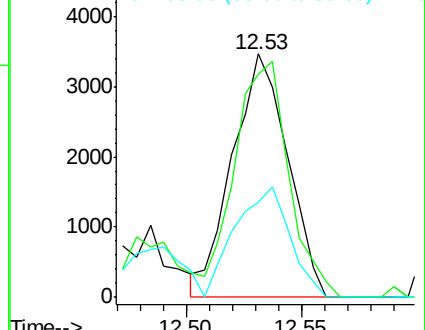
89 44.9 36.2 54.2



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: 4.76 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065709.D

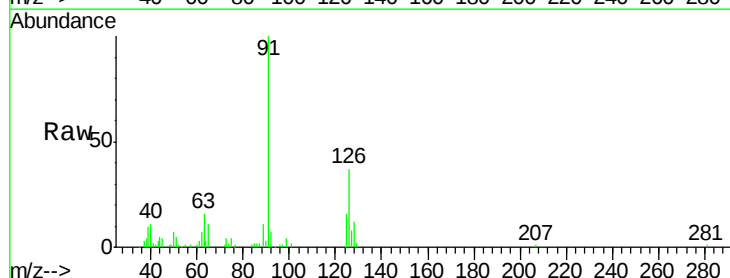
Acq: 07 May 2020 13:23

Tgt Ion: 91 Resp: 66767

Ion Ratio Lower Upper

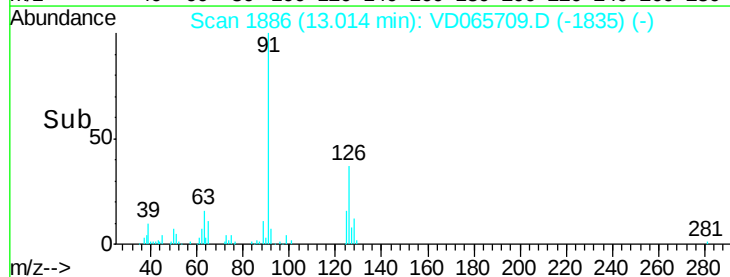
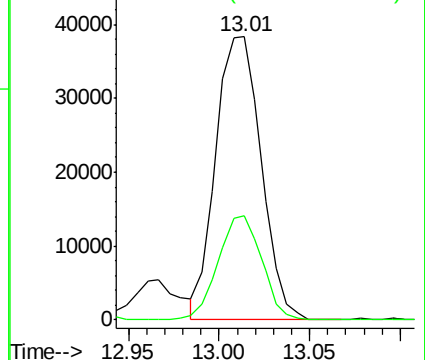
91 100

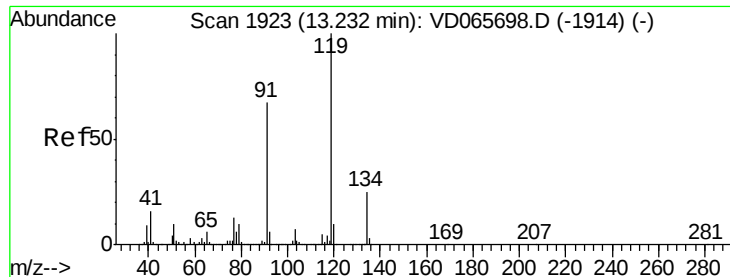
126 35.3 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

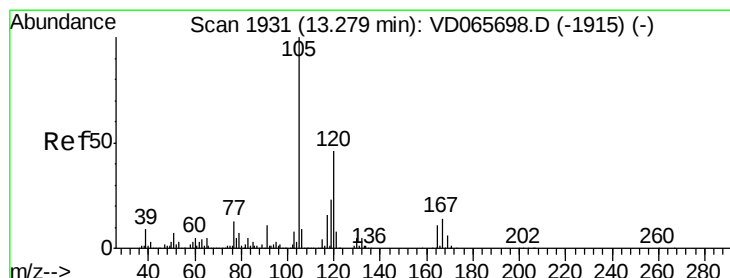
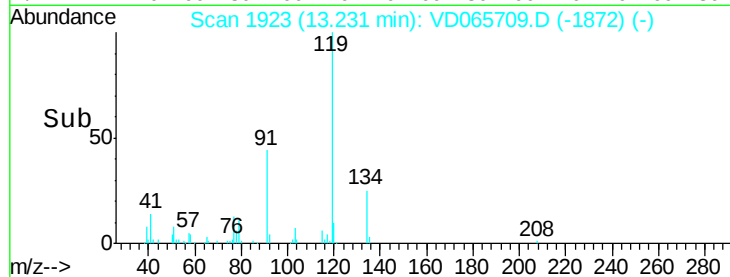
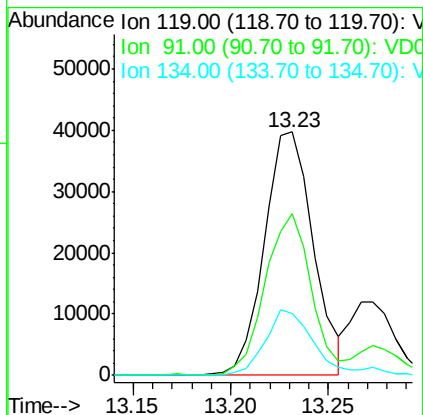
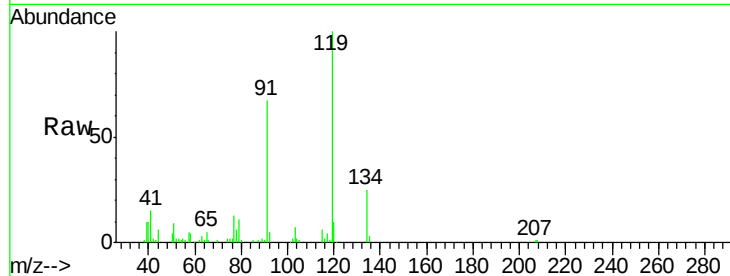




#83
 tert-Butylbenzene
 Concen: 4.90 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

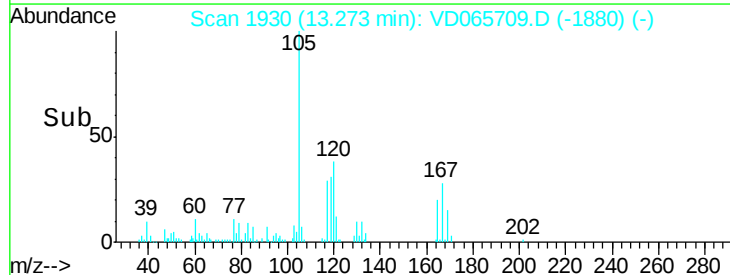
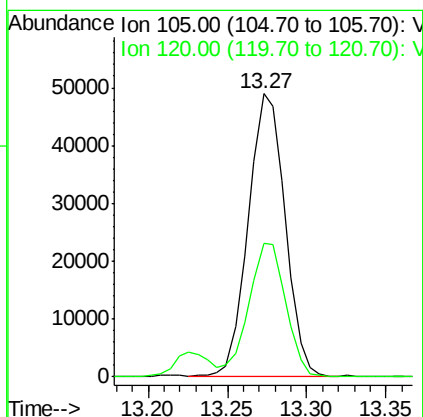
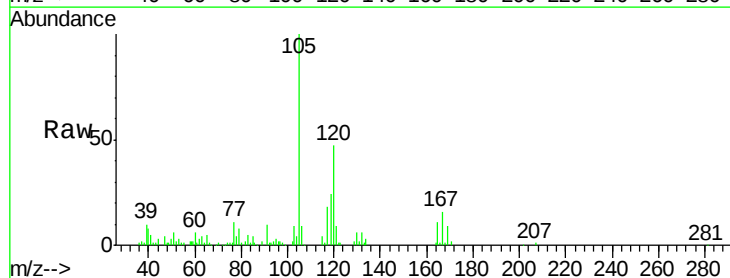
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

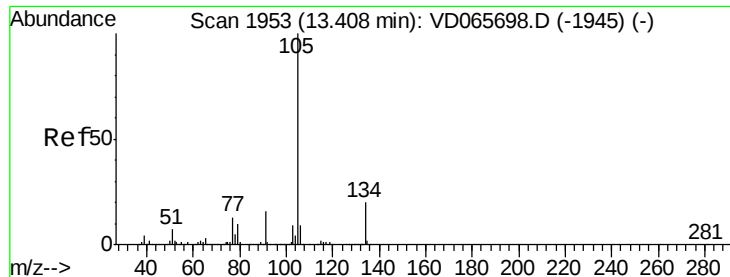
Tgt Ion:119 Resp: 69056
 Ion Ratio Lower Upper
 119 100
 91 62.5 33.6 100.8
 134 27.5 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.81 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Tgt Ion:105 Resp: 79324
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.8 68.4

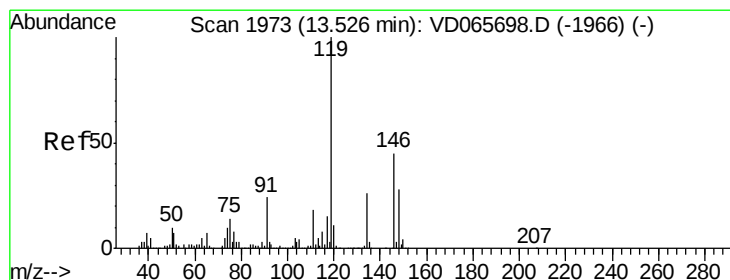
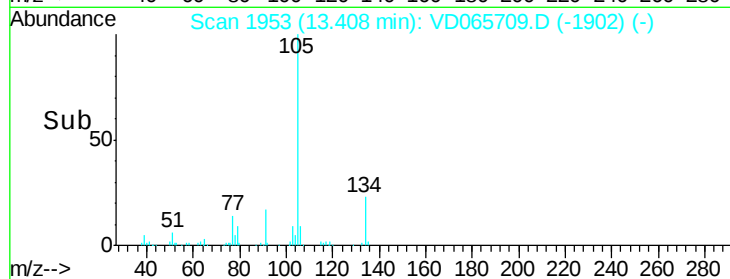
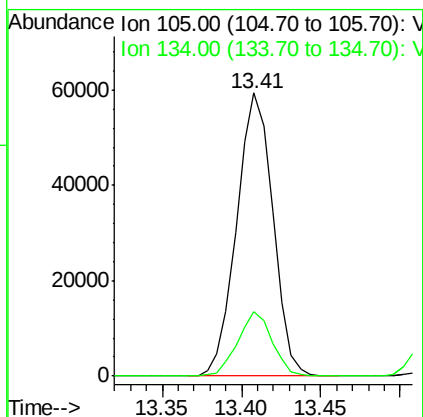
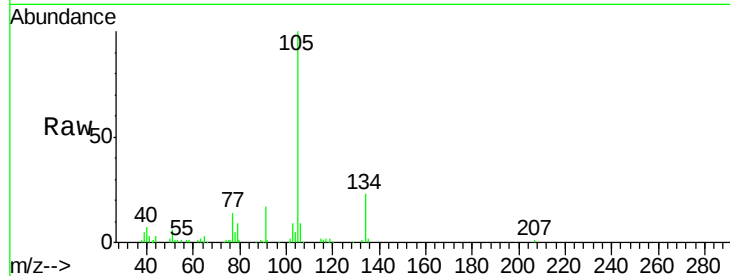




#85
 sec-Butylbenzene
 Concen: 4.76 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

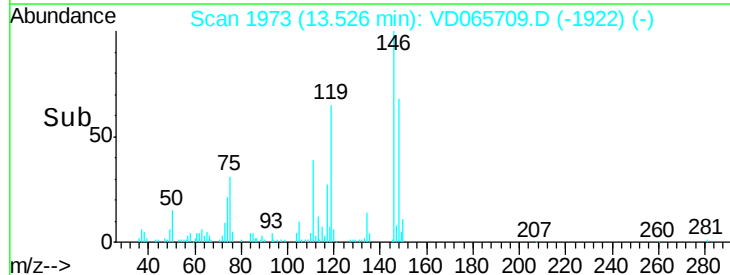
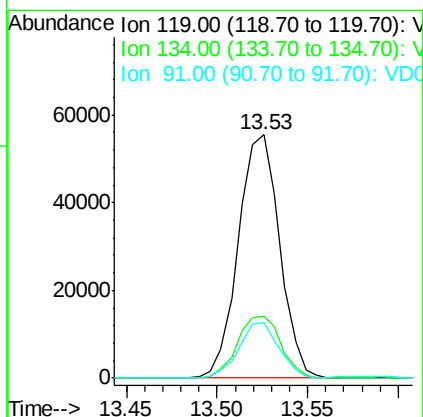
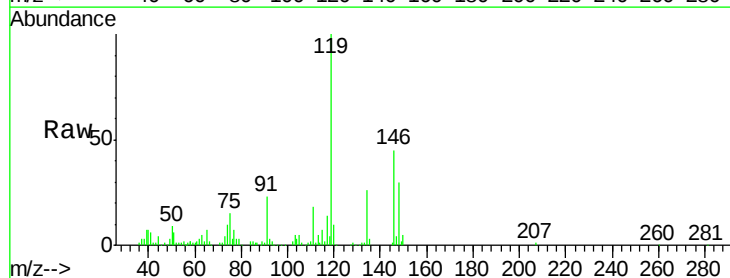
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

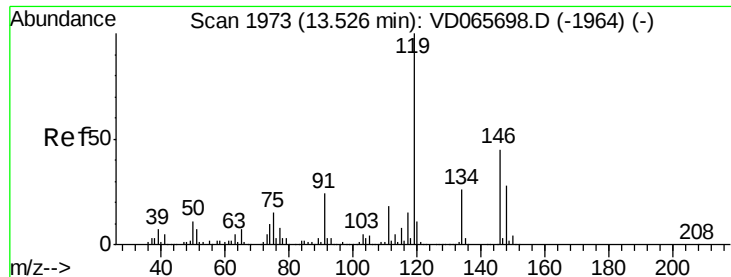
Tgt Ion:105 Resp: 94131
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 4.88 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Tgt Ion:119 Resp: 87890
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 22.6 12.0 36.1

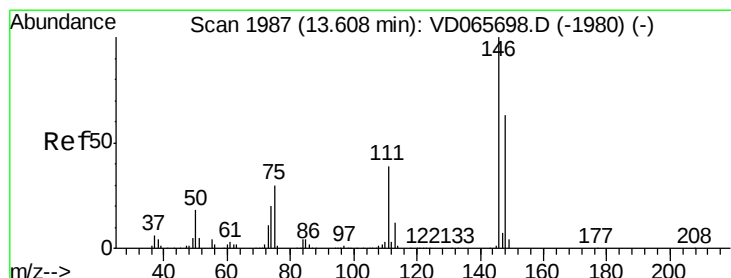
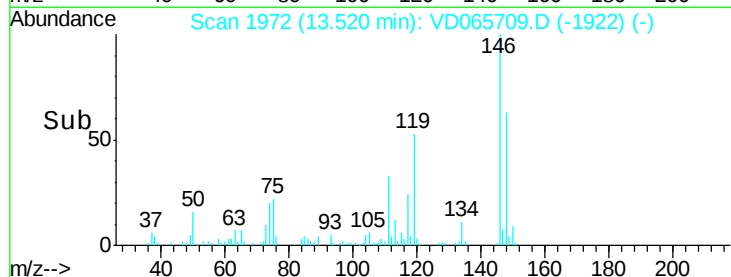
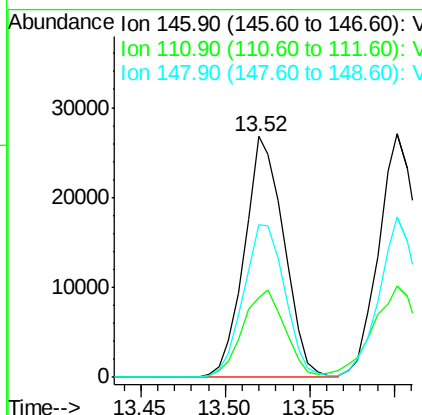
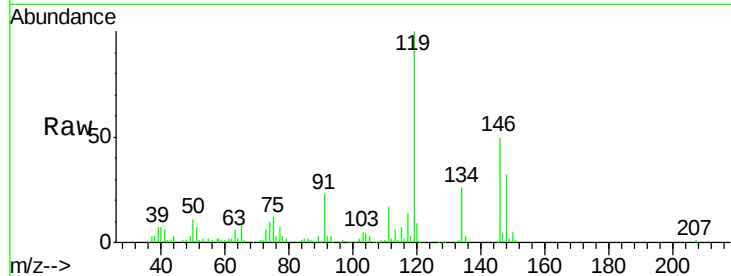




#87
 1,3-Dichlorobenzene
 Concen: 5.04 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

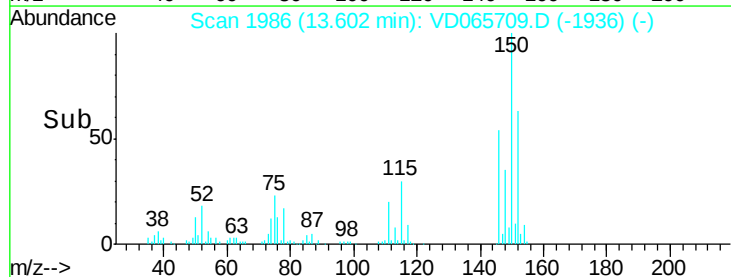
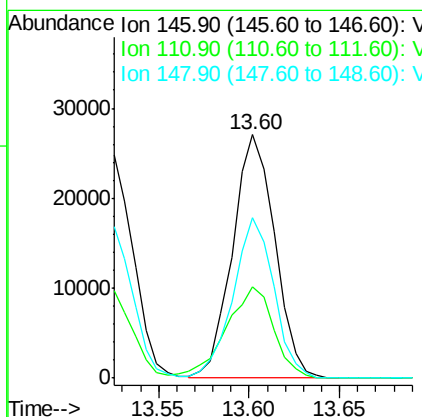
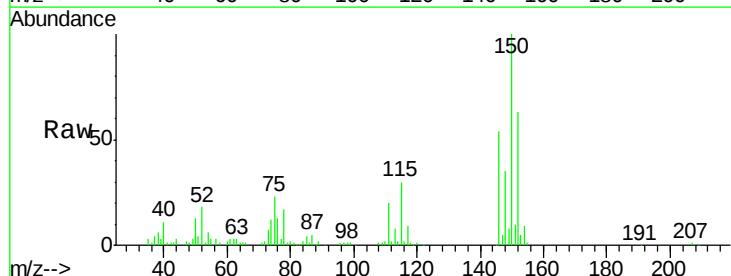
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

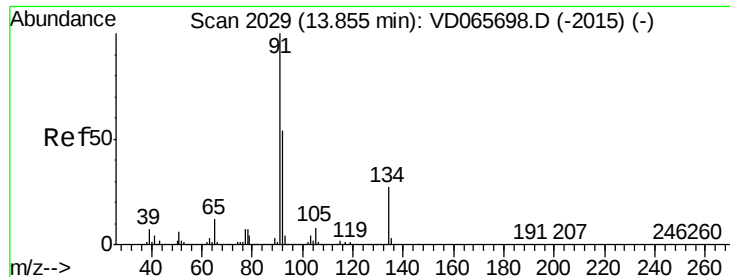
Tgt Ion:146 Resp: 43763
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.6 58.8
 148 66.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 5.13 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Tgt Ion:146 Resp: 44011
 Ion Ratio Lower Upper
 146 100
 111 42.0 19.6 58.7
 148 63.4 31.9 95.5





#89

n-Butylbenzene

Concen: 4.72 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. -0.01 min

Lab File: VD065709.D

Acq: 07 May 2020 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0309

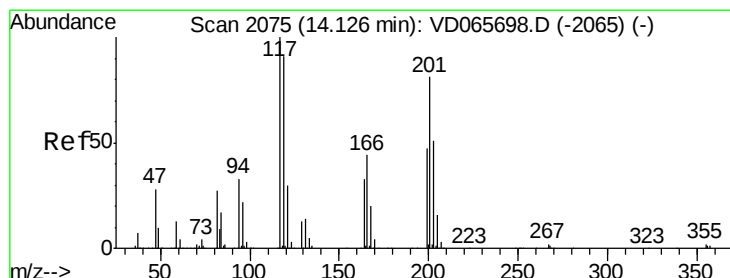
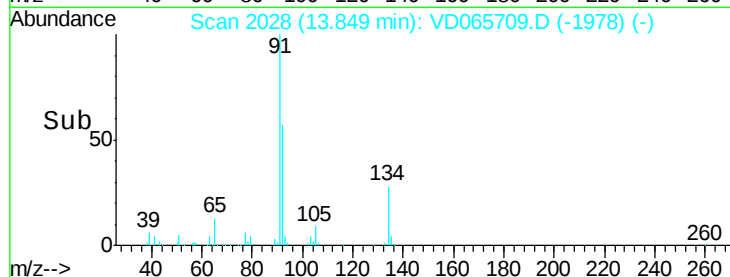
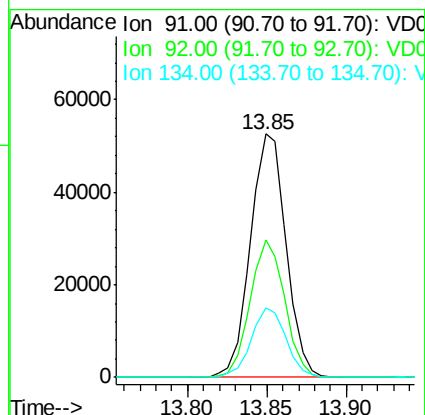
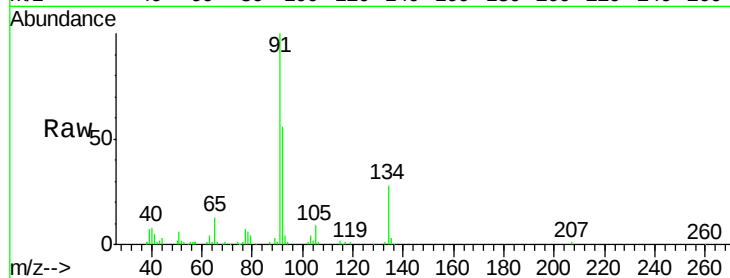
Tgt Ion: 91 Resp: 82430

Ion Ratio Lower Upper

91 100

92 54.6 27.4 82.0

134 27.9 13.3 39.8



#90

Hexachloroethane

Concen: 5.02 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.01 min

Lab File: VD065709.D

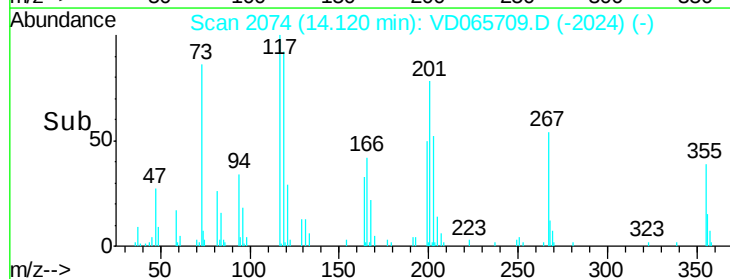
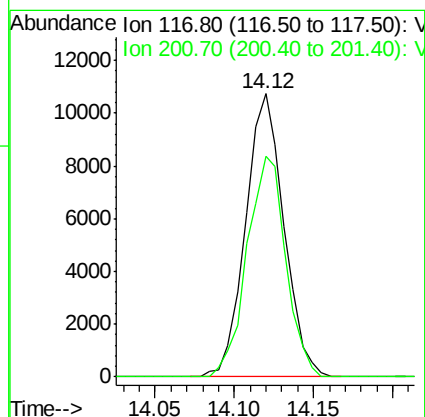
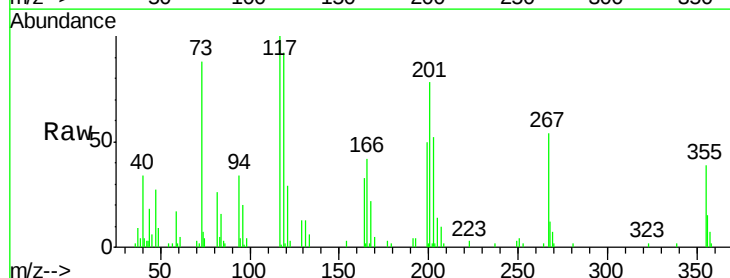
Acq: 07 May 2020 13:23

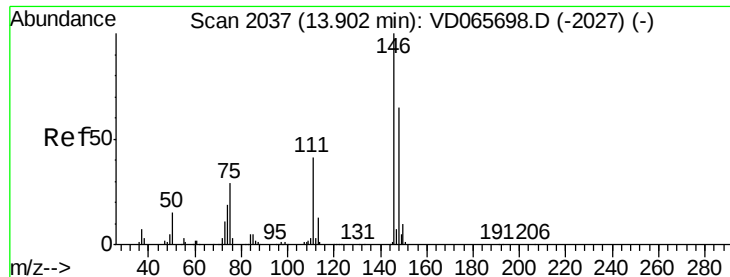
Tgt Ion: 117 Resp: 17996

Ion Ratio Lower Upper

117 100

201 79.1 39.1 117.2

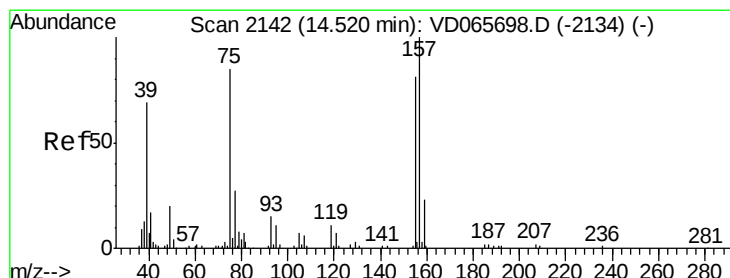
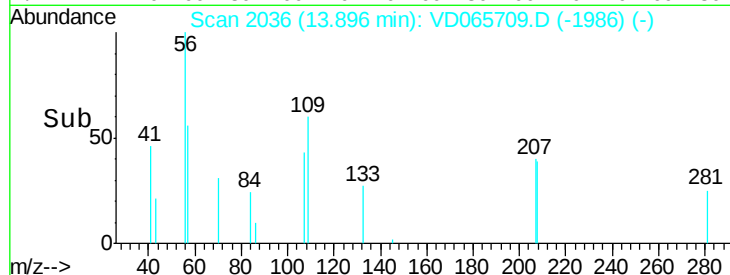
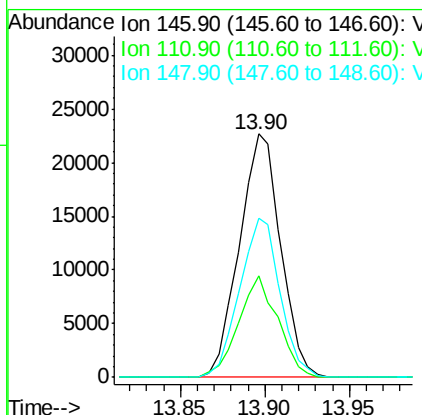
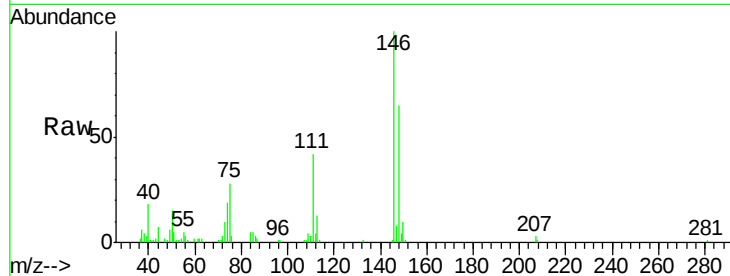




#91
 1,2-Dichlorobenzene
 Concen: 5.14 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

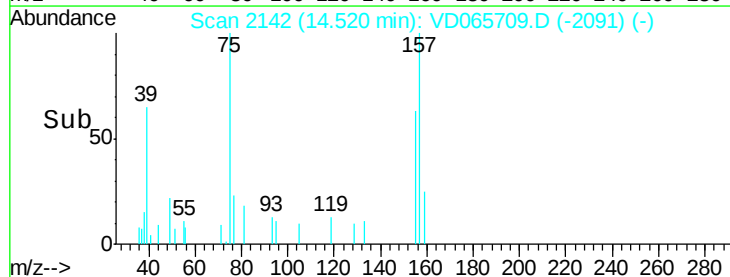
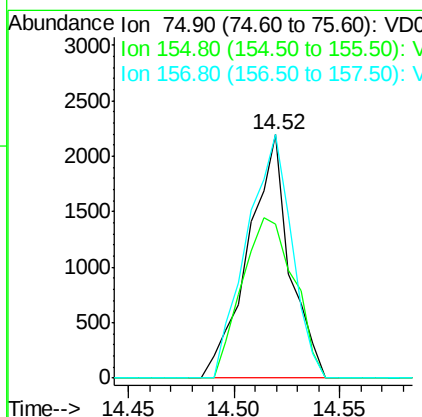
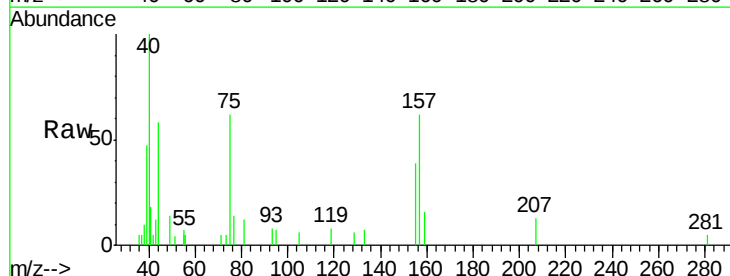
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

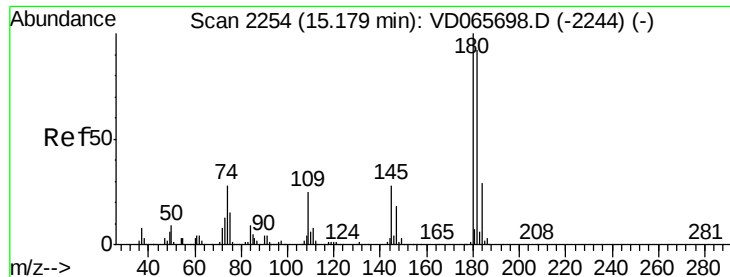
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	61.0
148	64.0	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.28 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.9	43.5	130.5
157	107.6	54.5	163.6

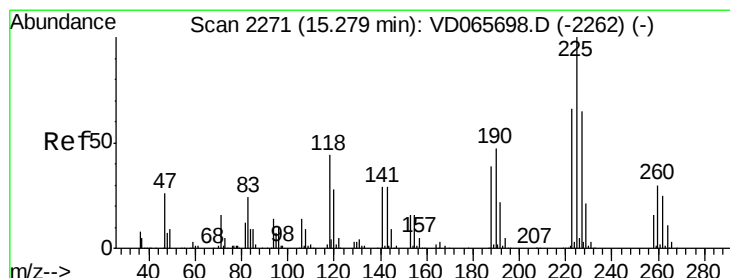
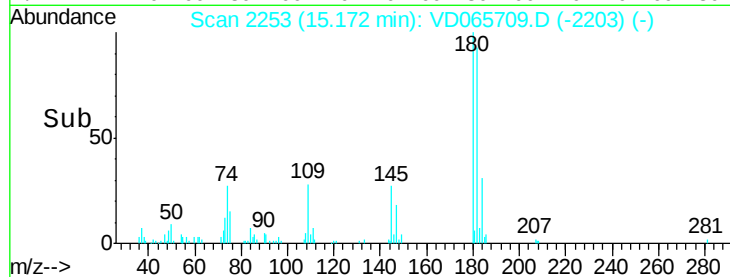
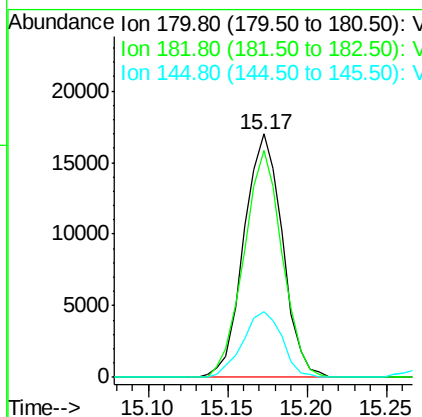
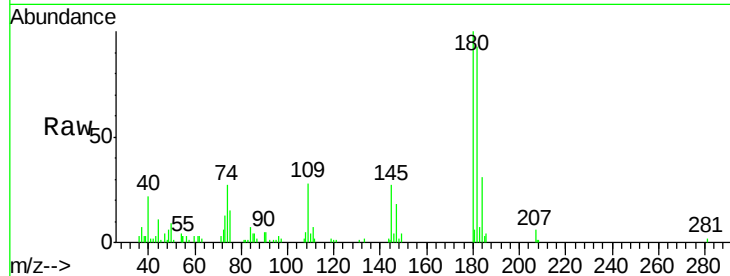




#93
 1,2,4-Trichlorobenzene
 Concen: 5.10 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

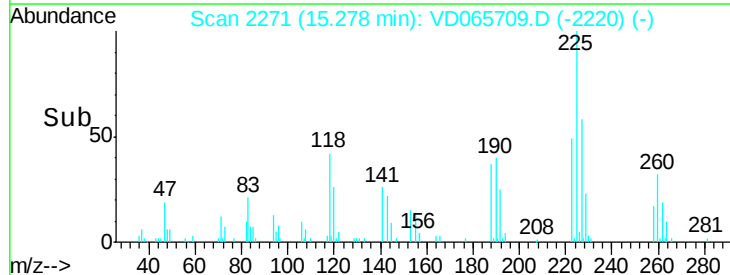
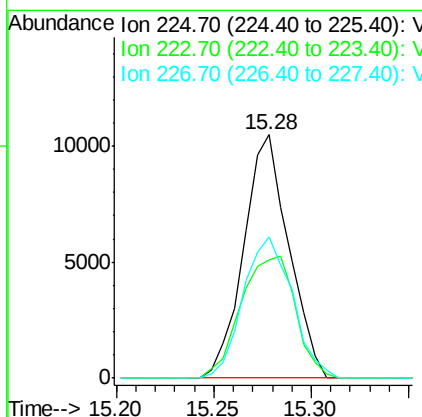
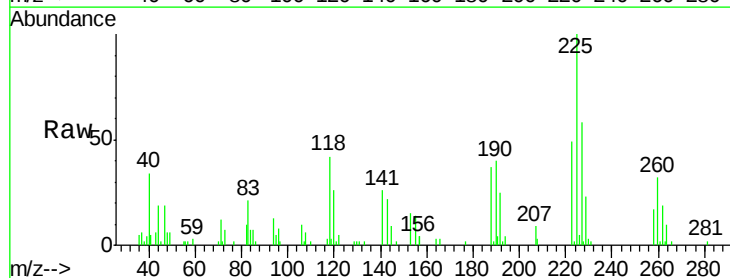
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309

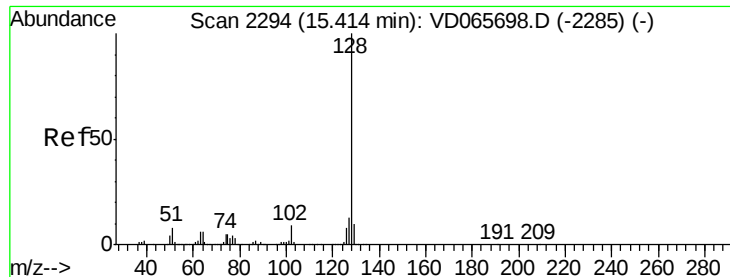
Tgt Ion:180 Resp: 28705
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.0 141.0
 145 27.8 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 5.15 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065709.D
 Acq: 07 May 2020 13:23

Tgt Ion:225 Resp: 16780
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.8 95.3
 227 63.1 31.6 94.8

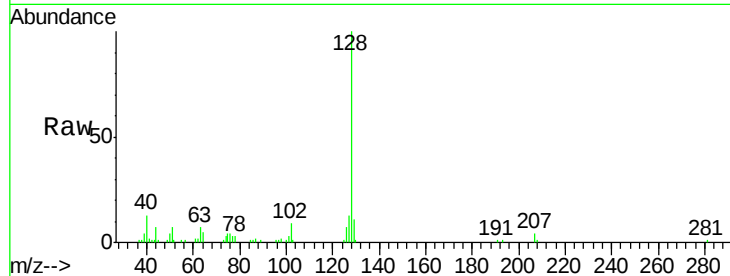




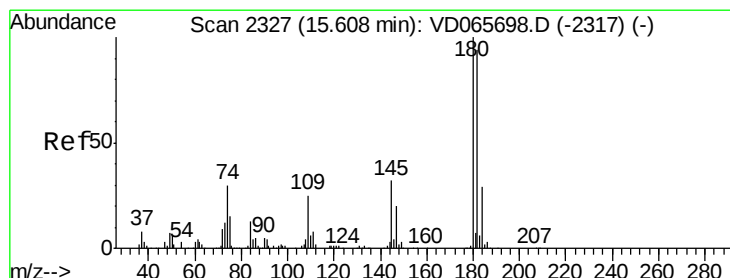
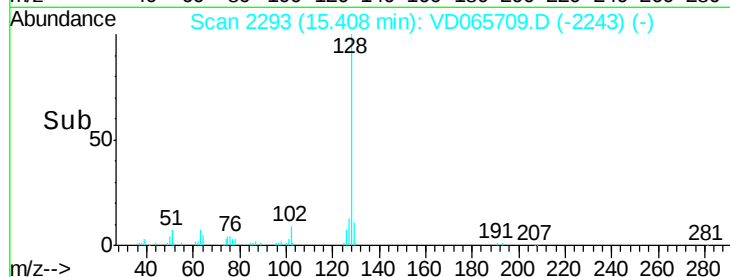
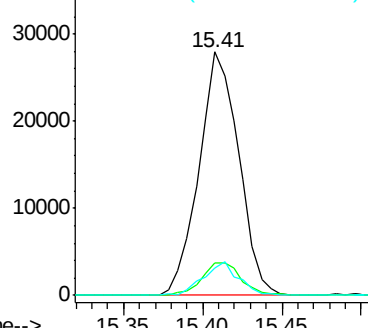
#95
Naphthalene
Concen: 4.92 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD0309

Tgt Ion:128 Resp: 48663
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 12.2 9.0 13.4

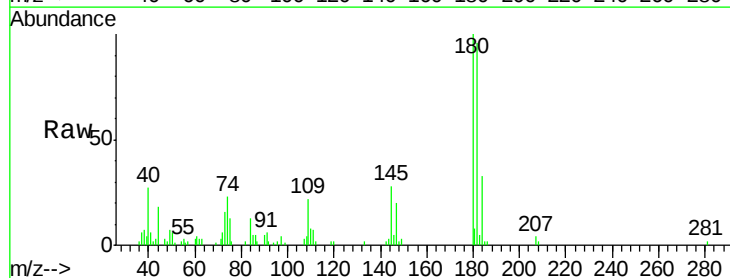


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 5.14 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065709.D
Acq: 07 May 2020 13:23

Tgt Ion:180 Resp: 24594
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.6
145 29.0 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

