

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052620\
 Data File : VD065757.D
 Acq On : 26 May 2020 13:01
 Operator : VA/SY
 Sample : VD0526SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 27 02:56:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	286338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	440030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	391144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	194469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	123630	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
35) Dibromofluoromethane	7.92	113	126146	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	10.34	98	483979	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.64	95	161455	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	37609	20.019	ug/l	94
3) Chloromethane	2.21	50	61179	22.722	ug/l	97
4) Vinyl Chloride	2.35	62	68524	23.504	ug/l	98
5) Bromomethane	2.76	94	48414	25.134	ug/l	90
6) Chloroethane	2.92	64	46525	24.604	ug/l	98
7) Trichlorofluoromethane	3.27	101	92922	23.055	ug/l	95
8) Diethyl Ether	3.71	74	24653	21.288	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	54815	22.126	ug/l	97
10) Methyl Iodide	4.30	142	51309	19.826	ug/l	95
11) Tert butyl alcohol	5.22	59	21469	76.252	ug/l	97
12) 1,1-Dichloroethene	4.07	96	52462	22.327	ug/l	92
13) Acrolein	3.91	56	13278	92.676	ug/l	98
14) Allyl chloride	4.71	41	87191	21.461	ug/l	98
15) Acrylonitrile	5.42	53	54367	106.268	ug/l	99
16) Acetone	4.15	43	50912	107.568	ug/l	95
17) Carbon Disulfide	4.41	76	163098	21.977	ug/l	100
18) Methyl Acetate	4.72	43	26114	22.016	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	115303	21.033	ug/l	98
20) Methylene Chloride	4.97	84	56527	21.169	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	58540	21.638	ug/l	96
22) Diisopropyl ether	6.36	45	173146	22.386	ug/l	97
23) Vinyl Acetate	6.30	43	470318	103.381	ug/l	98
24) 1,1-Dichloroethane	6.27	63	102809	22.702	ug/l	98
25) 2-Butanone	7.21	43	68340	101.009	ug/l #	89
26) 2,2-Dichloropropane	7.20	77	95856	22.805	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	65719	22.167	ug/l	97
28) Bromochloromethane	7.54	49	40554	21.780	ug/l	95
29) Tetrahydrofuran	7.56	42	43566	101.561	ug/l	97
30) Chloroform	7.71	83	104777	22.893	ug/l	96
31) Cyclohexane	7.98	56	97651	21.302	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	98714	23.024	ug/l	98
36) 1,1-Dichloropropene	8.11	75	85313	22.325	ug/l	98
37) Ethyl Acetate	7.29	43	33020	20.170	ug/l	98
38) Carbon Tetrachloride	8.10	117	88497	21.834	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	104283	21.294	ug/l	100
40) Benzene	8.35	78	230013	21.889	ug/l	99
41) Methacrylonitrile	7.57	41	43709	48.479	ug/l #	46
42) 1,2-Dichloroethane	8.43	62	66365	22.683	ug/l	98
43) Isopropyl Acetate	8.46	43	64284	19.811	ug/l	98
44) Trichloroethene	9.11	130	67958	21.602	ug/l	92
45) 1,2-Dichloropropane	9.39	63	55958	21.598	ug/l	94
46) Dibromomethane	9.48	93	31056	22.230	ug/l	94
47) Bromodichloromethane	9.66	83	82020	22.430	ug/l	93
48) Methyl methacrylate	9.46	41	31302	20.551	ug/l	99
49) 1,4-Dioxane	9.47	88	6110	370.672	ug/l #	87
51) 4-Methyl-2-Pentanone	10.23	43	156397	100.719	ug/l	98
52) Toluene	10.41	92	151075	21.945	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	75094	21.021	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	91677	21.575	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	40159	21.101	ug/l	96
56) Ethyl methacrylate	10.66	69	48154	19.413	ug/l	92
57) 1,3-Dichloropropane	10.95	76	71742	21.673	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	112990	97.911	ug/l	99
59) 2-Hexanone	10.98	43	104268	98.606	ug/l	99
60) Dibromochloromethane	11.14	129	54435	21.359	ug/l	100
61) 1,2-Dibromoethane	11.25	107	40684	21.404	ug/l	100
64) Tetrachloroethene	10.88	164	58008	21.447	ug/l	96
65) Chlorobenzene	11.67	112	162122	21.995	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	58049	21.036	ug/l	99
67) Ethyl Benzene	11.75	91	291211	22.158	ug/l	98
68) m/p-Xylenes	11.86	106	222514	44.329	ug/l	99
69) o-Xylene	12.18	106	100435	21.494	ug/l	95
70) Styrene	12.20	104	173427	21.748	ug/l	99
71) Bromoform	12.37	173	30466	20.003	ug/l #	100
73) Isopropylbenzene	12.48	105	281967	21.597	ug/l	98
74) N-amyl acetate	12.30	43	59056	19.483	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	43688	21.143	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	56234	38.746	ug/l #	100
77) Bromobenzene	12.77	156	65635	20.857	ug/l	97
78) n-propylbenzene	12.83	91	332490	21.802	ug/l	99
79) 2-Chlorotoluene	12.91	91	185902	22.031	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	232183	21.584	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	13172	17.805	ug/l	88
82) 4-Chlorotoluene	13.01	91	192038	21.586	ug/l	100
83) tert-Butylbenzene	13.23	119	202281	21.206	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	230446	21.722	ug/l	98
85) sec-Butylbenzene	13.41	105	282650	21.776	ug/l	99
86) p-Isopropyltoluene	13.52	119	256705	21.517	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	123584	20.939	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	126083	21.447	ug/l	98
89) n-Butylbenzene	13.85	91	240939	21.597	ug/l	100
90) Hexachloroethane	14.12	117	49555	21.231	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	109317	21.413	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7135	20.649	ug/l	87

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Quant Title : SW846 8260
QLast Update : Wed May 13 14:28:42 2020
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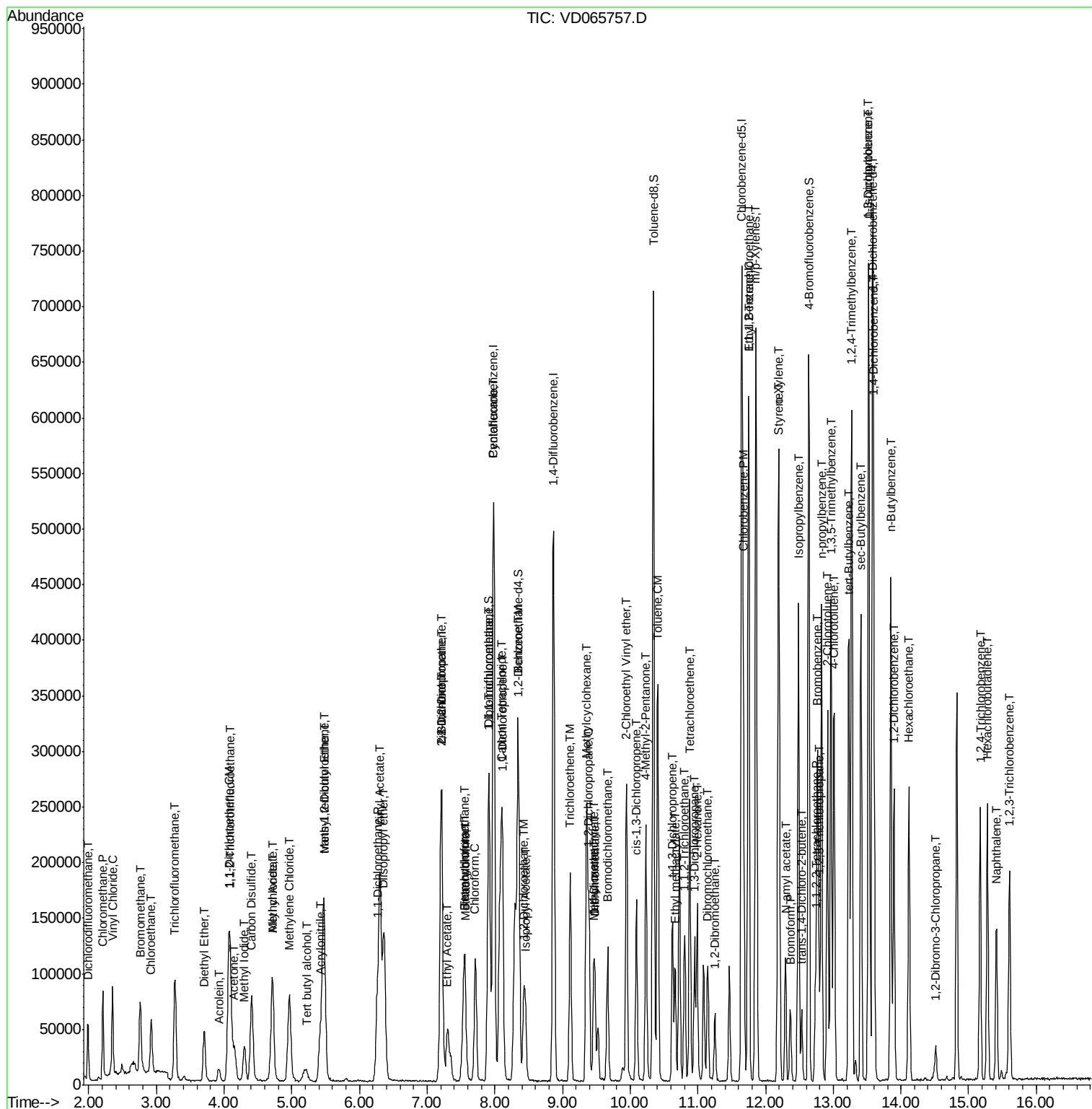
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	77047	19.839	ug/l	98
94) Hexachlorobutadiene	15.28	225	47338	20.331	ug/l	98
95) Naphthalene	15.41	128	120359	18.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	65616	19.816	ug/l	99

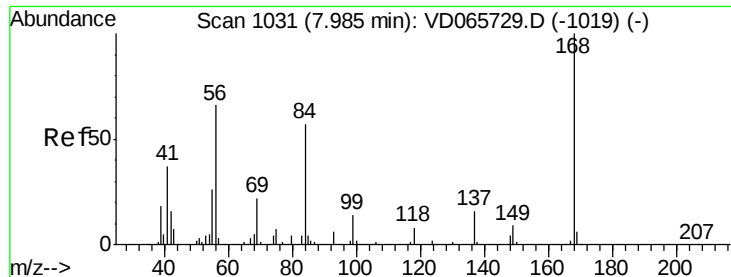
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052620\
 Data File : VD065757.D
 Acq On : 26 May 2020 13:01
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

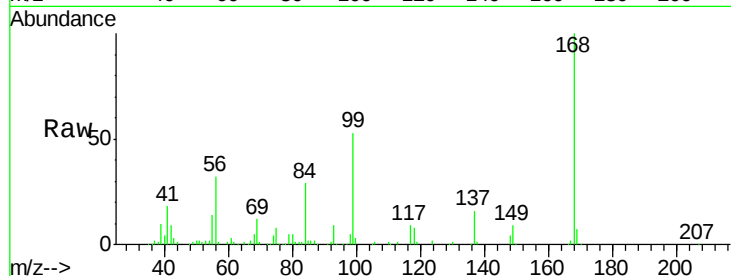
ClientSampleId :

Tot Ion:168 Resp: 286338

Ion Ratio Lower Upper

168 100

99 53.0 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

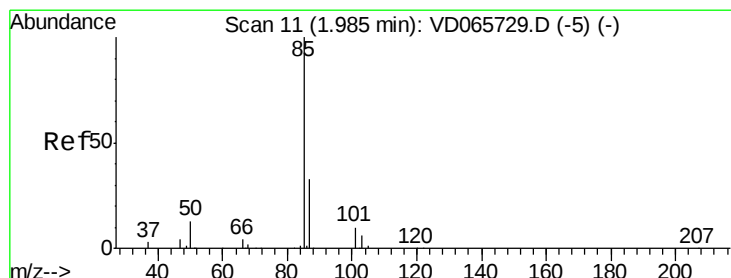
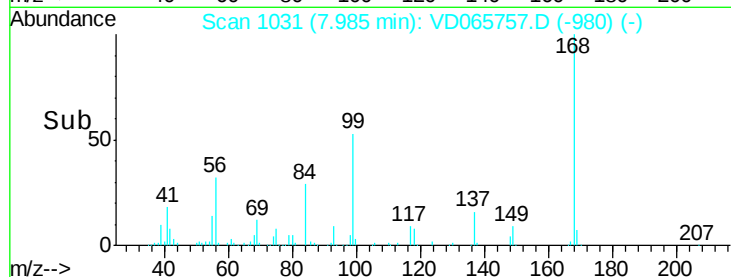
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.019 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD065757.D

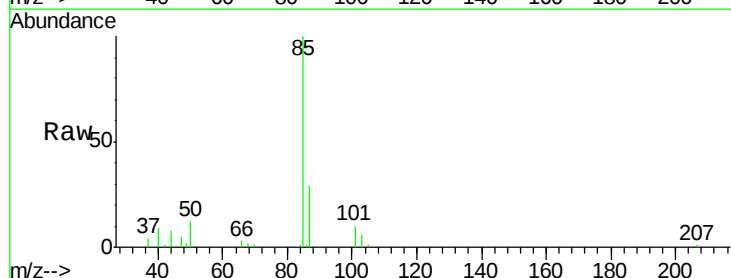
Acq: 26 May 2020 13:01

Tgt Ion: 85 Resp: 37609

Ion Ratio Lower Upper

85 100

87 29.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

25000

20000

15000

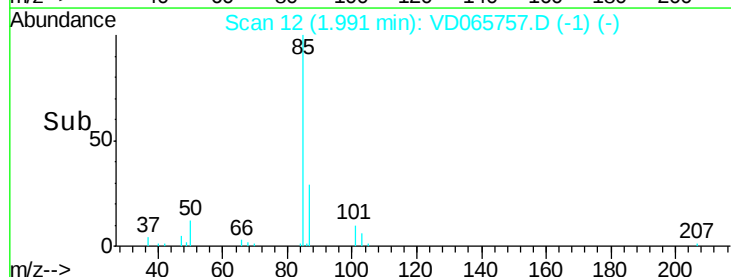
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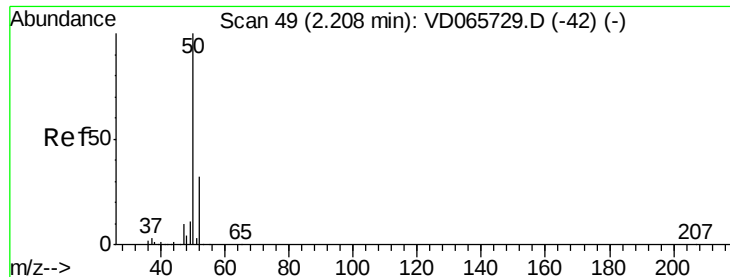
5000

0

Time-->

1.95 2.00 2.05





#3

Chloromethane

Concen: 22.722 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

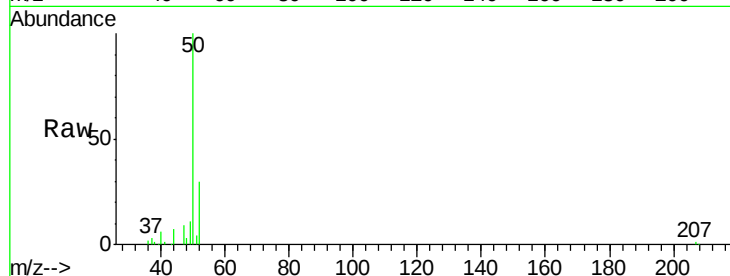
ClientSampleId :

Tot Ion: 50 Resp: 61179

Ion Ratio Lower Upper

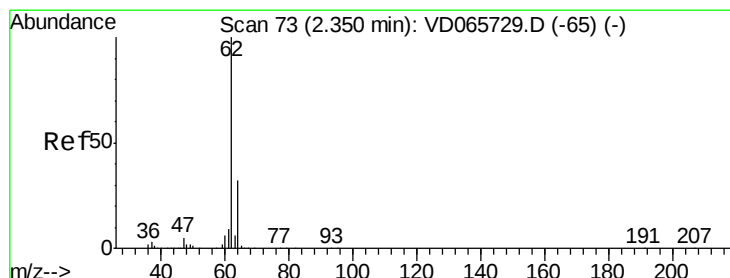
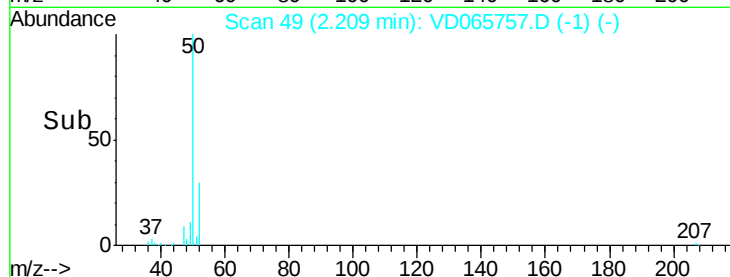
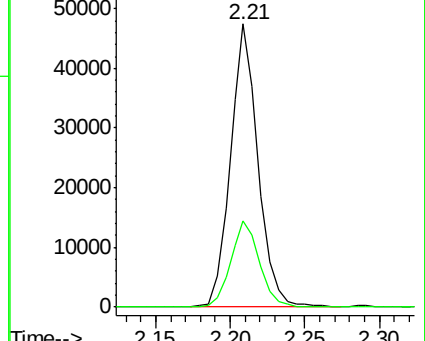
50 100

52 30.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 23.504 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065757.D

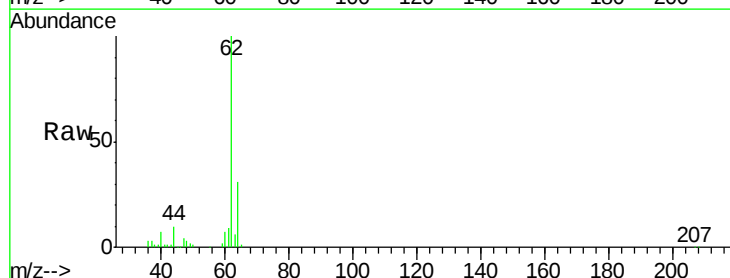
Acq: 26 May 2020 13:01

Tgt Ion: 62 Resp: 68524

Ion Ratio Lower Upper

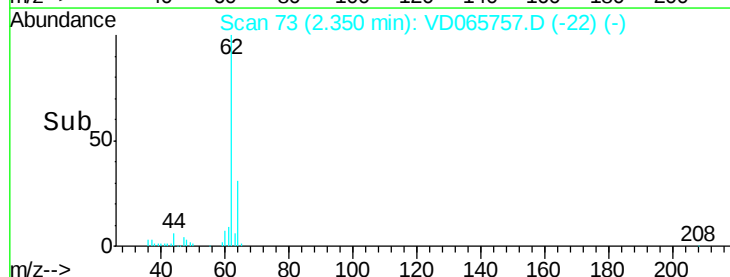
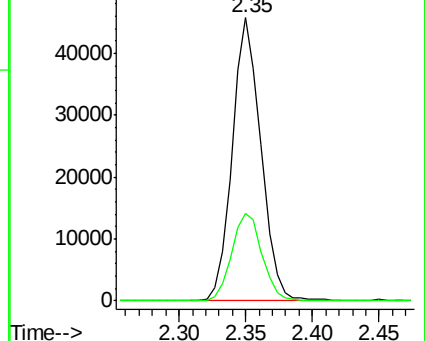
62 100

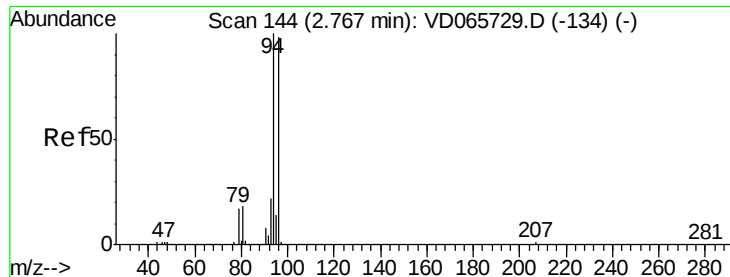
64 30.9 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 25.134 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

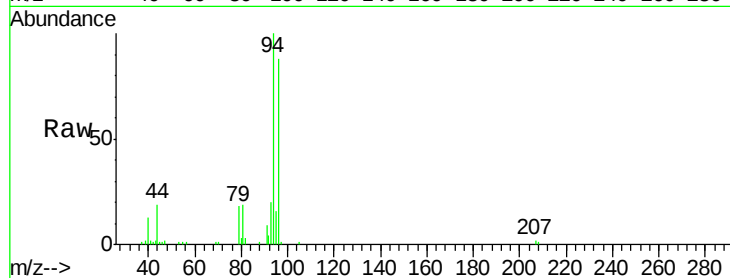
ClientSampleId :

Tot Ion: 94 Resp: 48414

Ion Ratio Lower Upper

94 100

96 87.3 78.1 117.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

25000

20000

15000

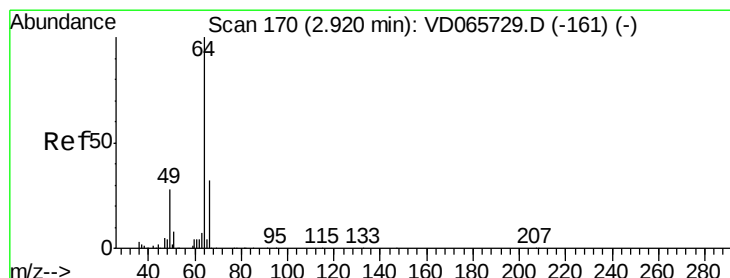
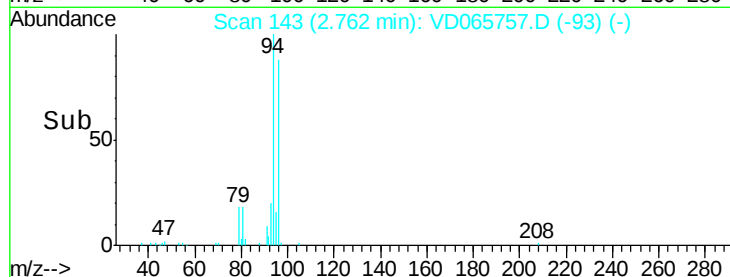
10000

5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 24.604 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065757.D

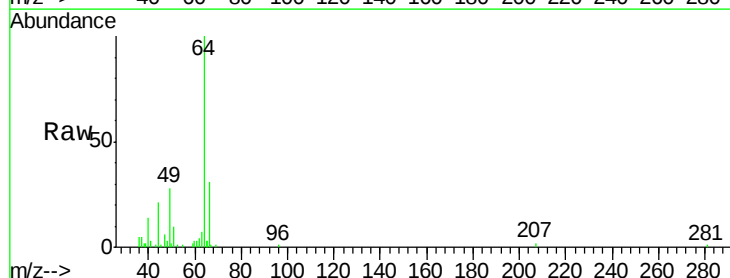
Acq: 26 May 2020 13:01

Tgt Ion: 64 Resp: 46525

Ion Ratio Lower Upper

64 100

66 30.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

25000

20000

15000

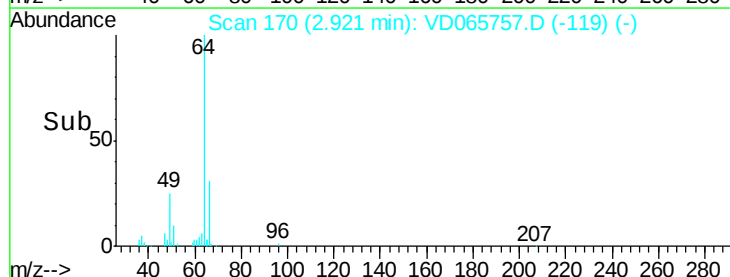
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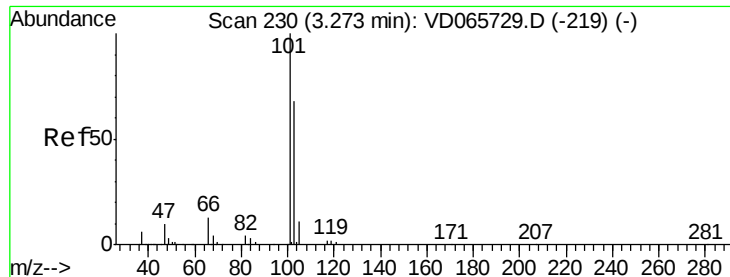
5000

0

Time-->

2.85 2.90 2.95 3.00



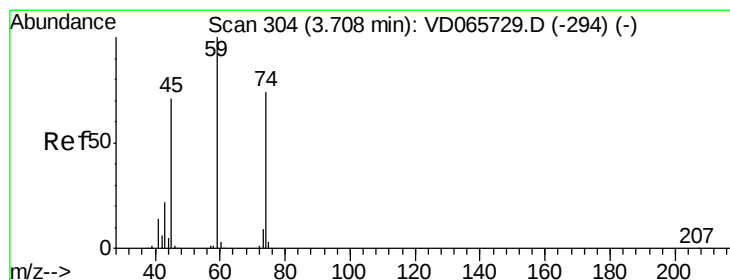
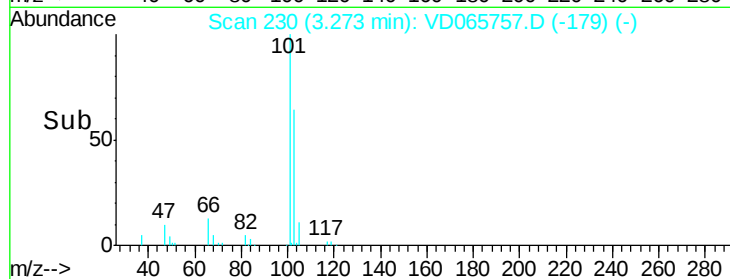
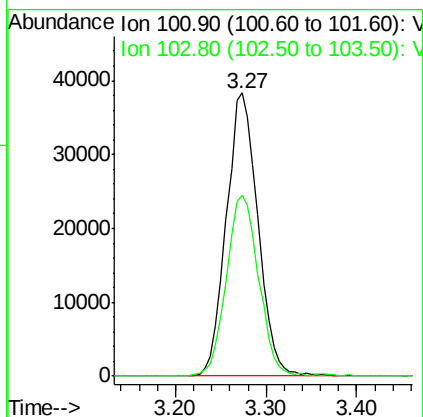
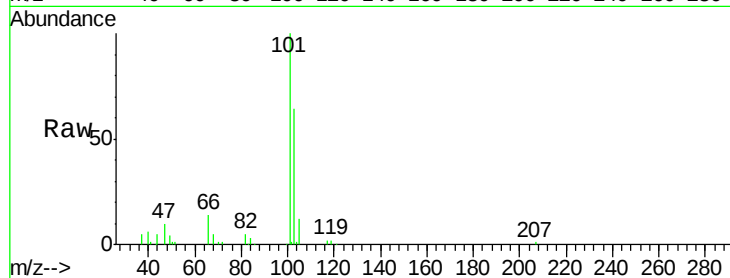


#7

Trichlorofluoromethane
Concen: 23.055 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Instrument :
MSVOA_D
ClientSampleId :

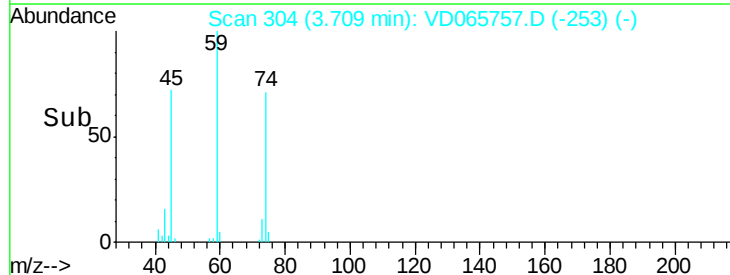
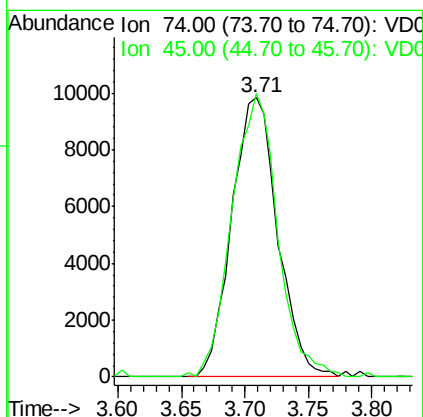
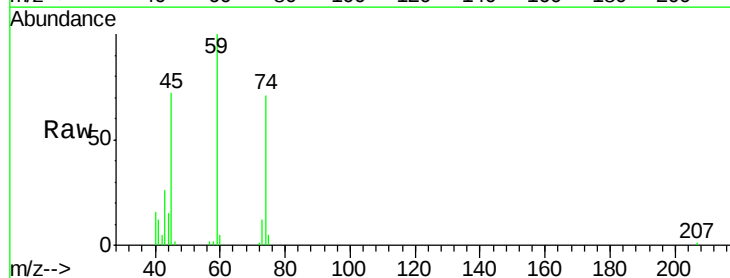
Tot Ion:101 Resp: 92922
Ion Ratio Lower Upper
101 100
103 63.9 54.1 81.1

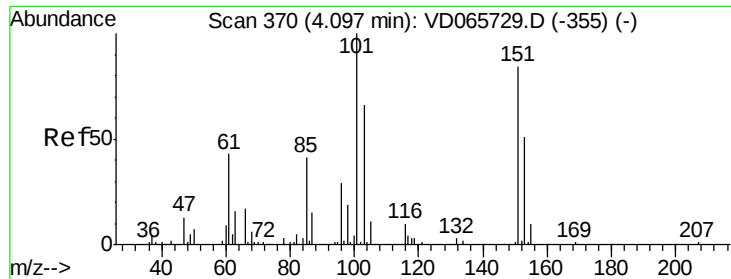


#8

Diethyl Ether
Concen: 21.288 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion: 74 Resp: 24653
Ion Ratio Lower Upper
74 100
45 101.4 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.126 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

ClientSampled :

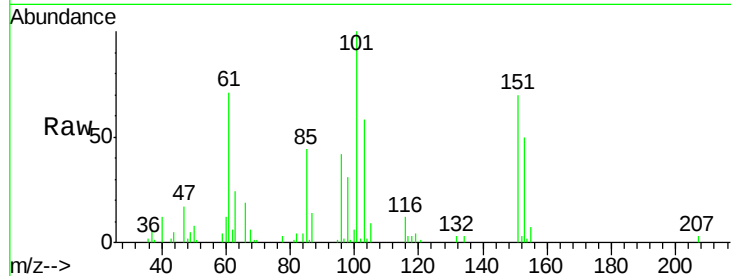
Tot Ion:101 Resp: 54815

Ion Ratio Lower Upper

101 100

85 44.5 34.1 51.1

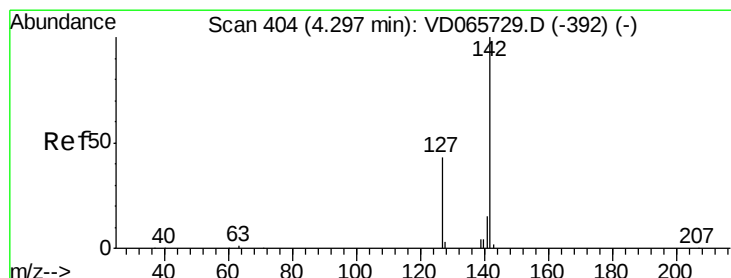
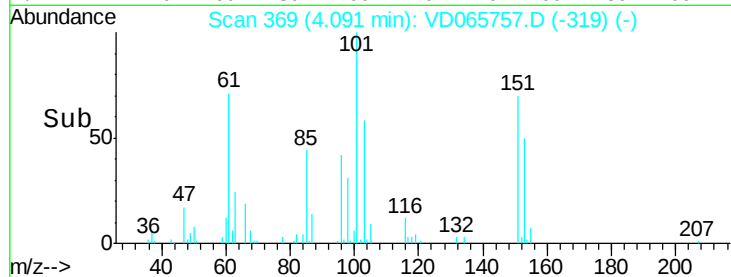
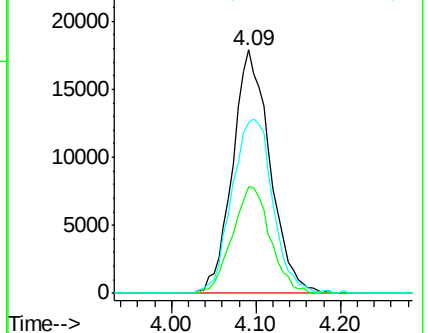
151 78.3 65.1 97.7



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: 19.826 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

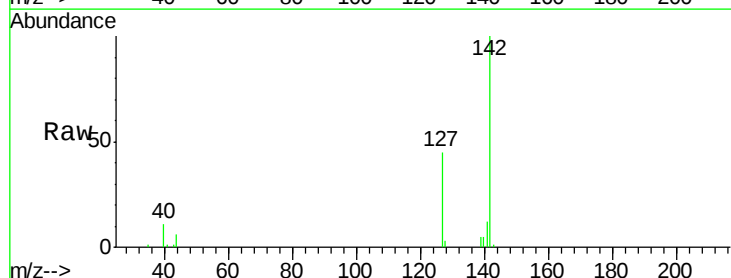
Tgt Ion:142 Resp: 51309

Ion Ratio Lower Upper

142 100

127 47.3 34.2 51.4

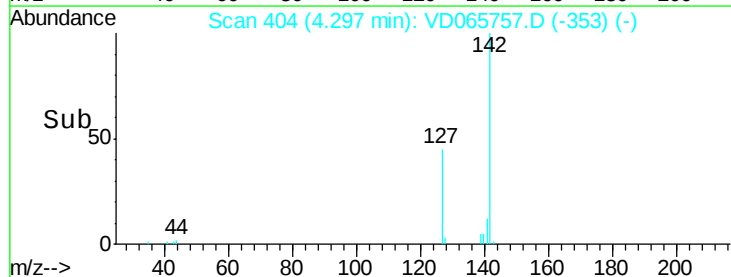
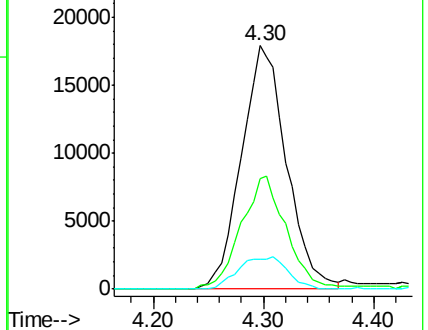
141 14.4 11.7 17.5

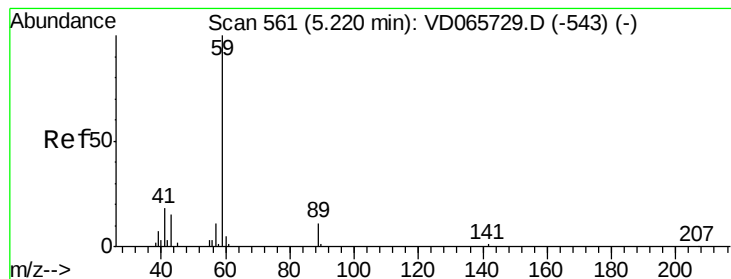


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



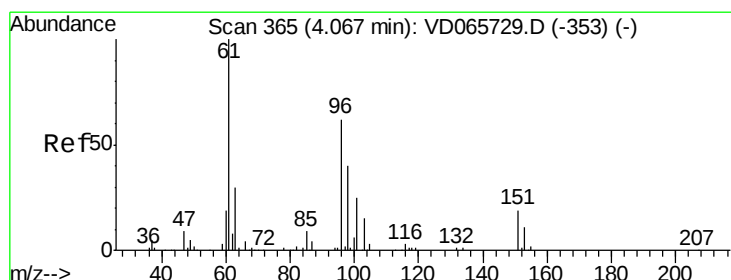
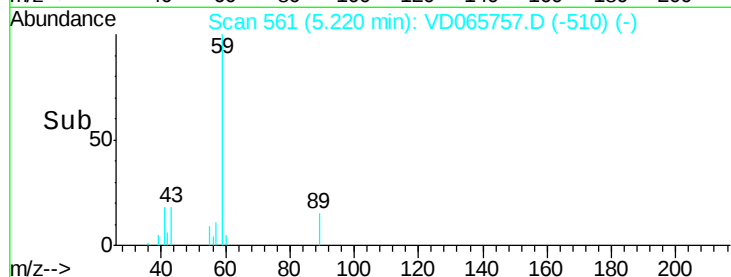
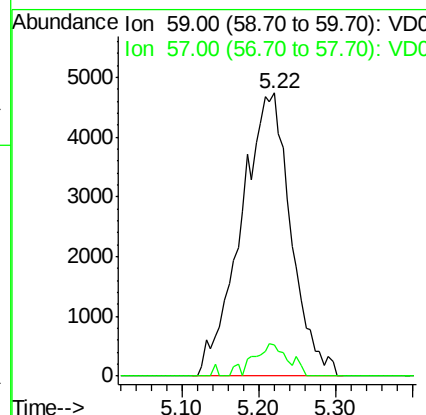
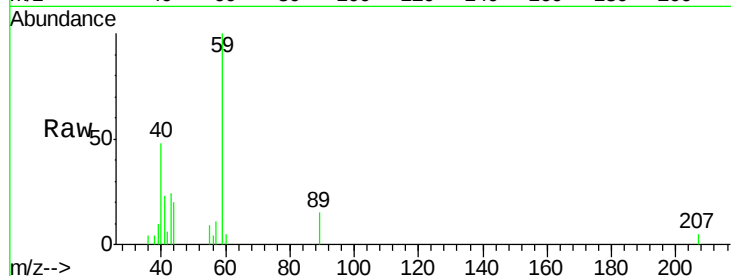


#11

Tert butyl alcohol
Concen: 76.252 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Instrument :
MSVOA_D
ClientSampleId :

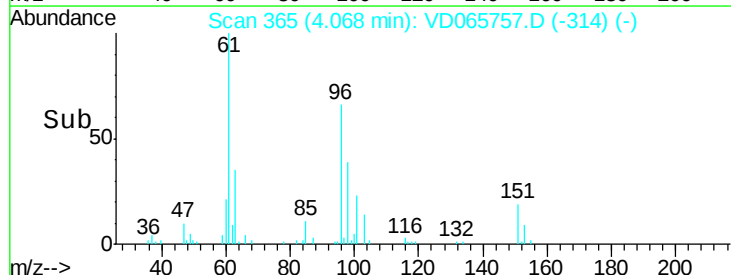
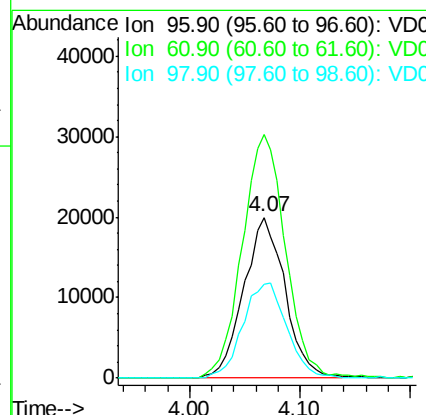
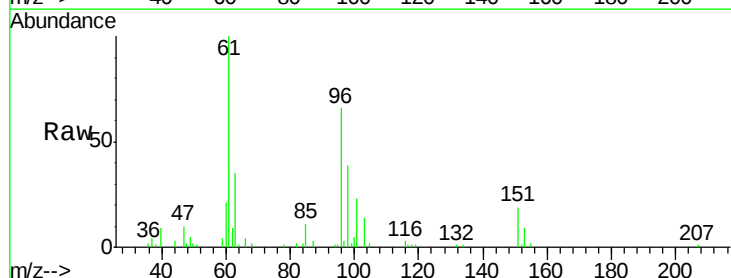
Tot Ion: 59 Resp: 21469
Ion Ratio Lower Upper
59 100
57 8.1 7.4 11.0

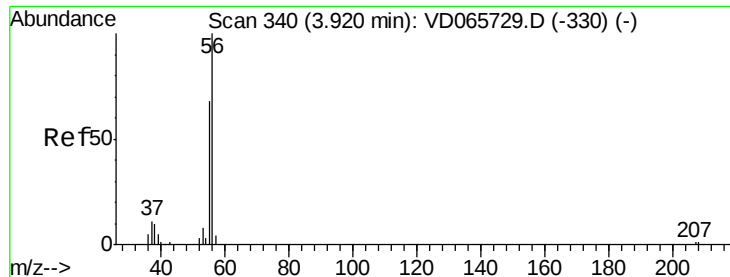


#12

1,1-Dichloroethene
Concen: 22.327 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion: 96 Resp: 52462
Ion Ratio Lower Upper
96 100
61 151.5 130.0 195.0
98 58.5 52.3 78.5





#13

Acrolein

Concen: 92.676 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

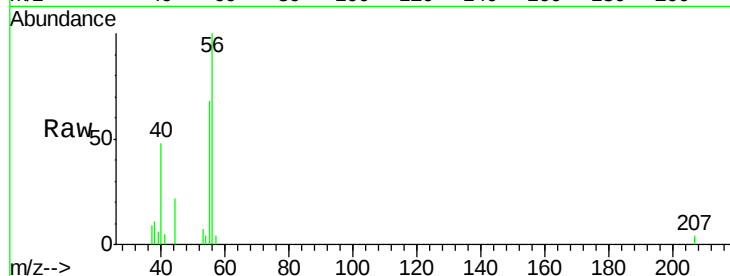
ClientSampled :

Tot Ion: 56 Resp: 13278

Ion Ratio Lower Upper

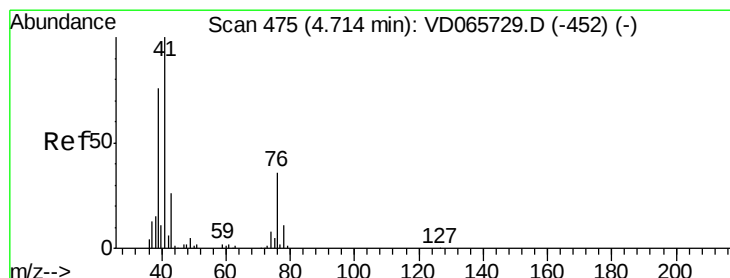
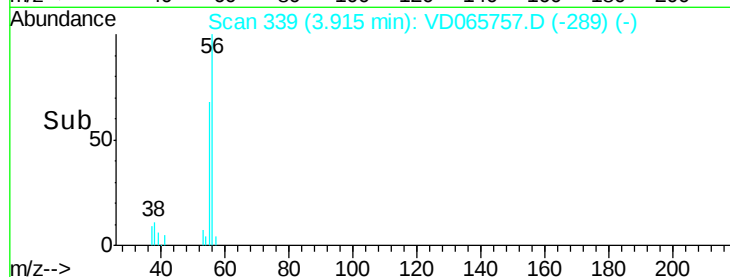
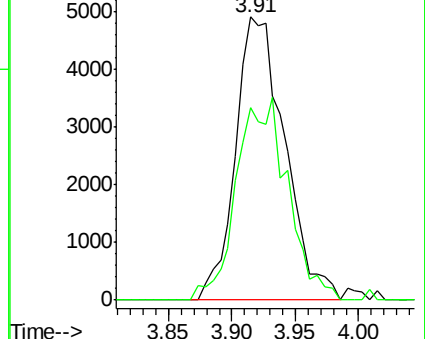
56 100

55 73.7 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.461 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

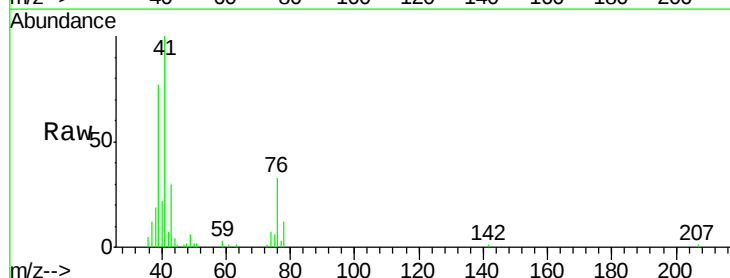
Tgt Ion: 41 Resp: 87191

Ion Ratio Lower Upper

41 100

39 74.5 57.4 86.2

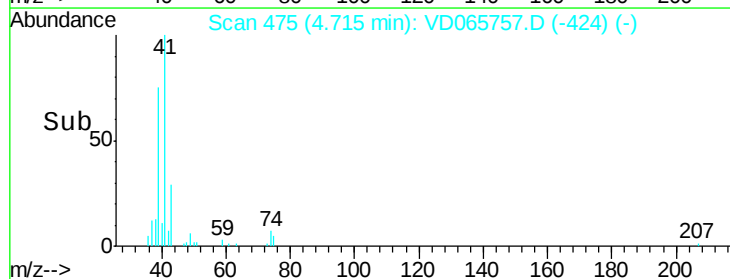
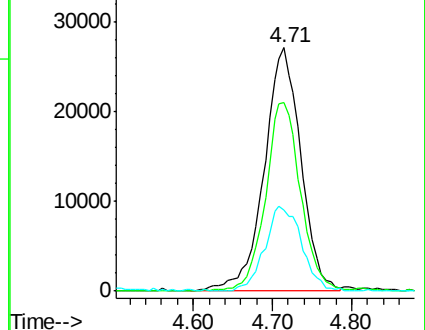
76 35.0 28.4 42.6

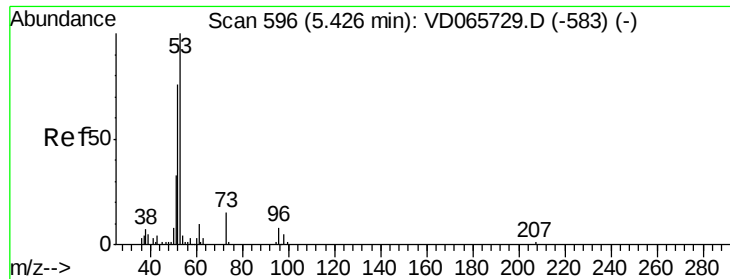


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 106.268 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

ClientSampled :

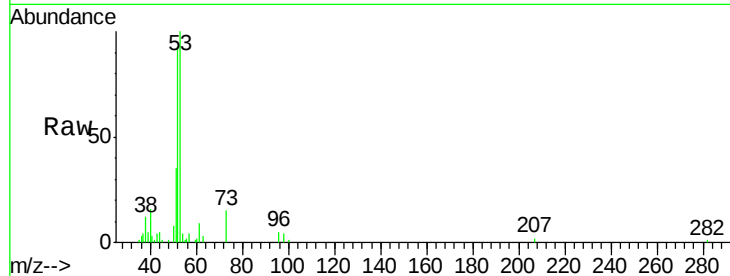
Tot Ion: 53 Resp: 54367

Ion Ratio Lower Upper

53 100

52 84.2 66.3 99.5

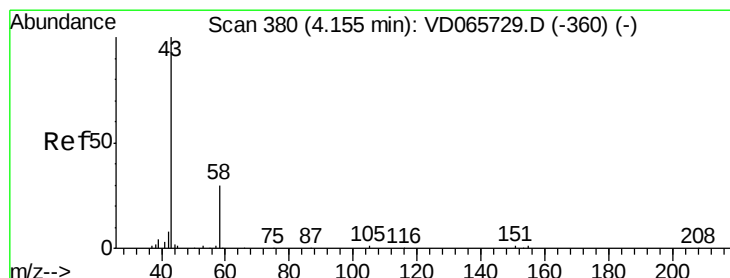
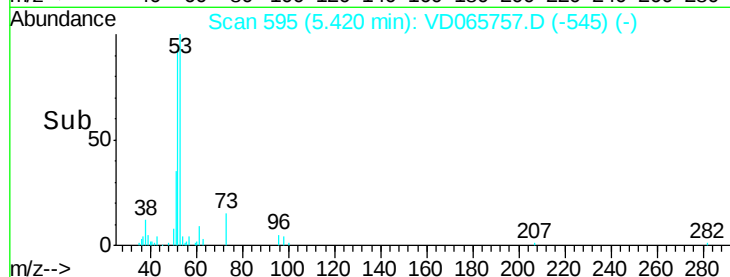
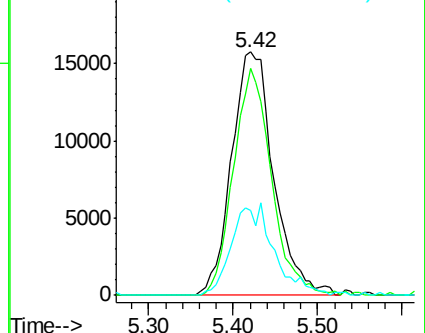
51 37.3 29.2 43.8



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: 107.568 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065757.D

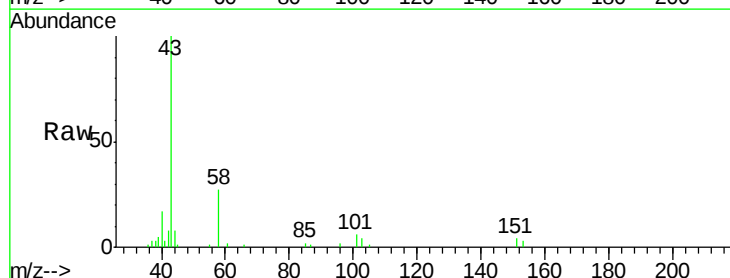
Acq: 26 May 2020 13:01

Tgt Ion: 43 Resp: 50912

Ion Ratio Lower Upper

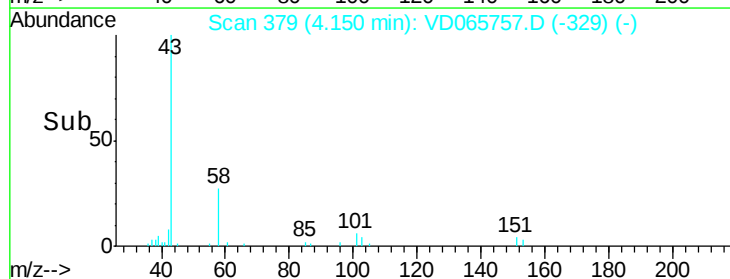
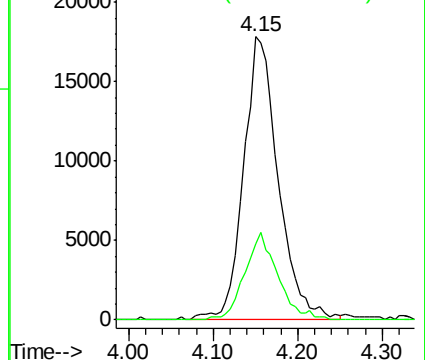
43 100

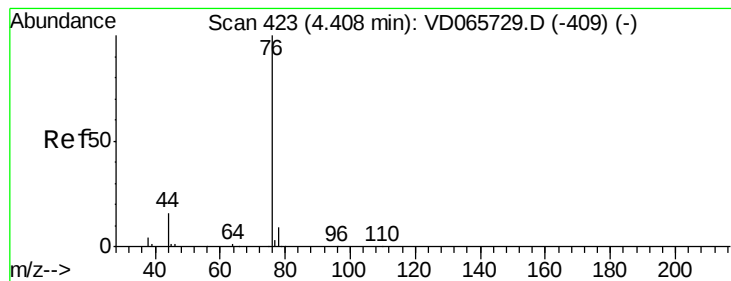
58 27.0 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 21.977 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

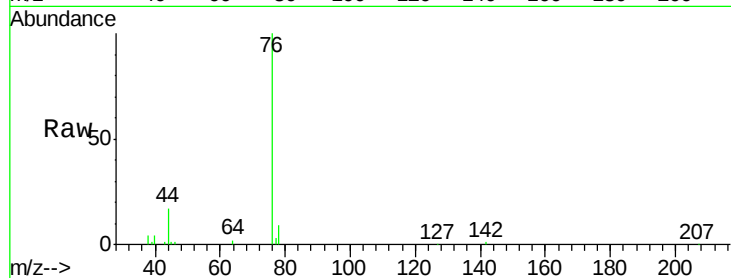
ClientSampleId :

Tot Ion: 76 Resp: 163098

Ion Ratio Lower Upper

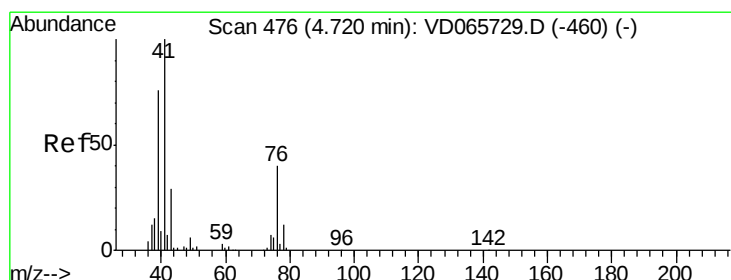
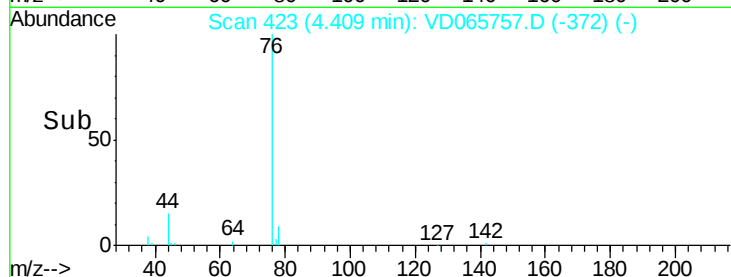
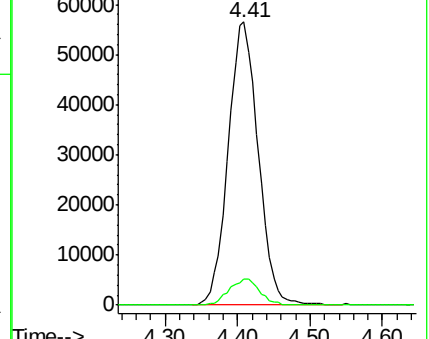
76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 22.016 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD065757.D

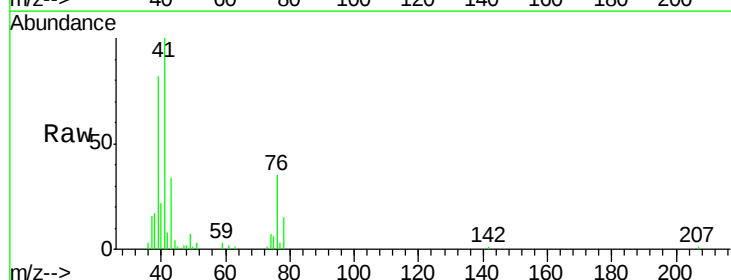
Acq: 26 May 2020 13:01

Tgt Ion: 43 Resp: 26114

Ion Ratio Lower Upper

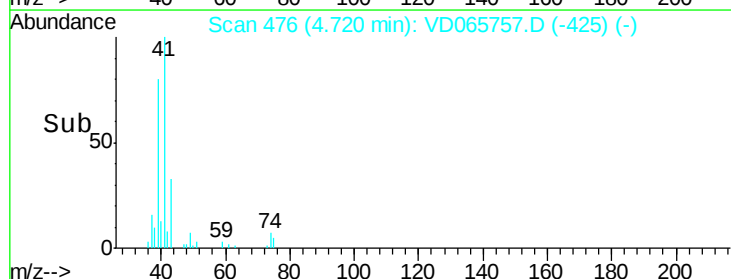
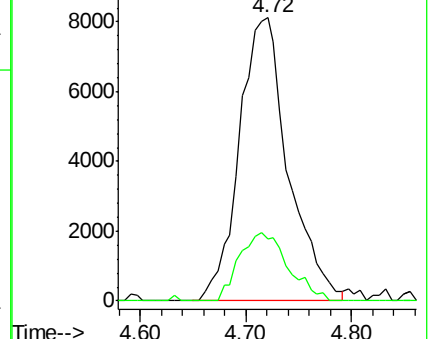
43 100

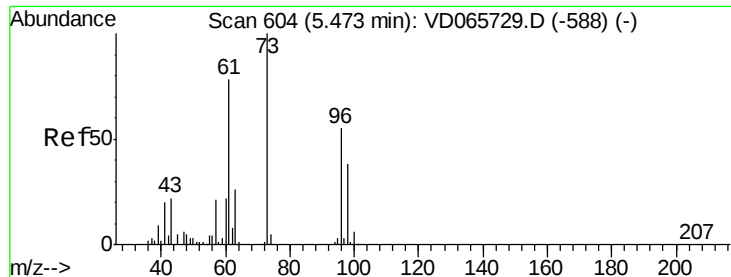
74 23.9 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

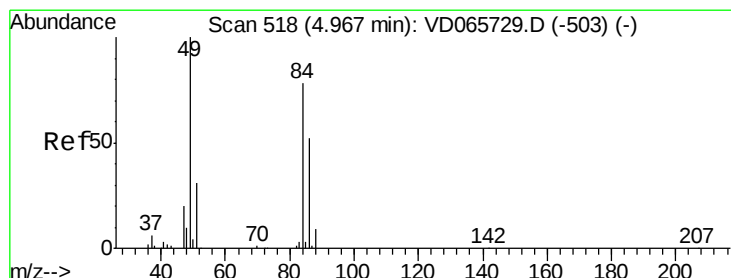
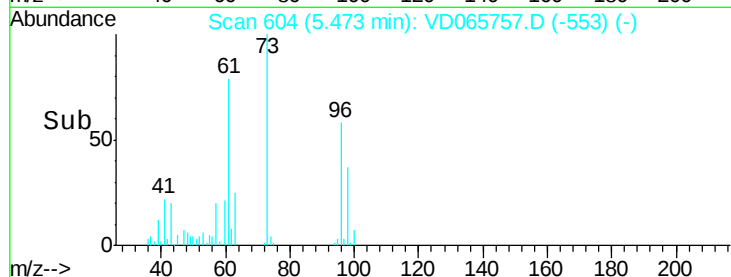
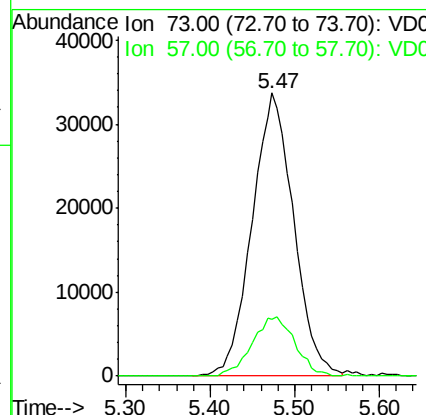
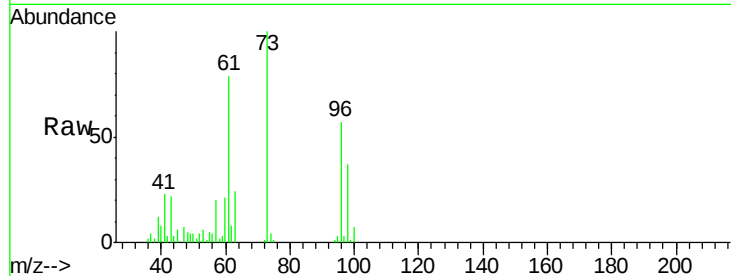




#19
Methvl tert-butvl Ether
Concen: 21.033 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

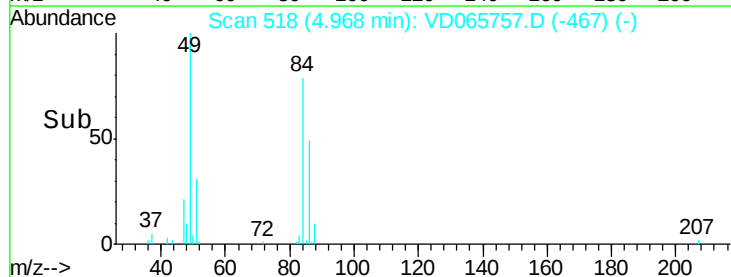
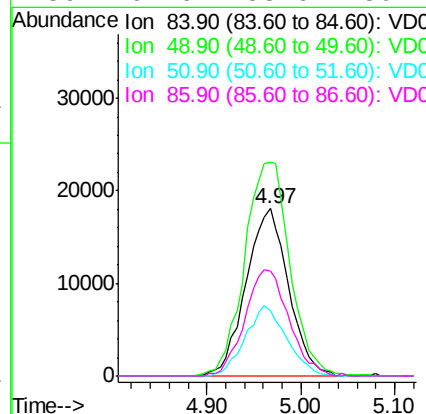
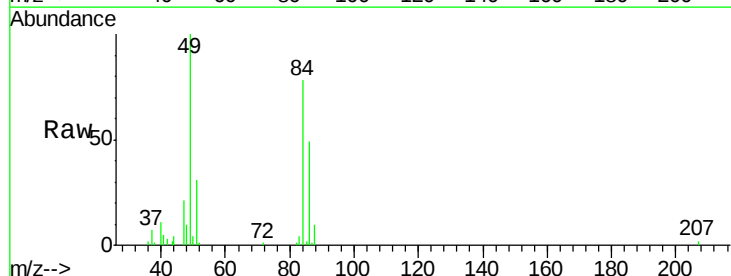
Instrument :
MSVOA_D
ClientSampled :

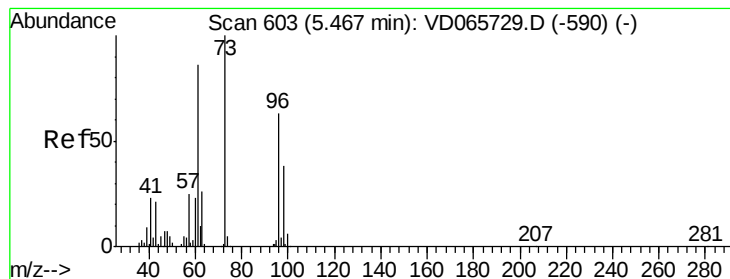
Tot Ion: 73 Resp: 115303
Ion Ratio Lower Upper
73 100
57 20.1 17.0 25.4



#20
Methylene Chloride
Concen: 21.169 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion: 84 Resp: 56527
Ion Ratio Lower Upper
84 100
49 127.7 102.9 154.3
51 39.0 31.5 47.3
86 62.6 53.6 80.4





#21

trans-1,2-Dichloroethene

Concen: 21.638 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

ClientSampleId :

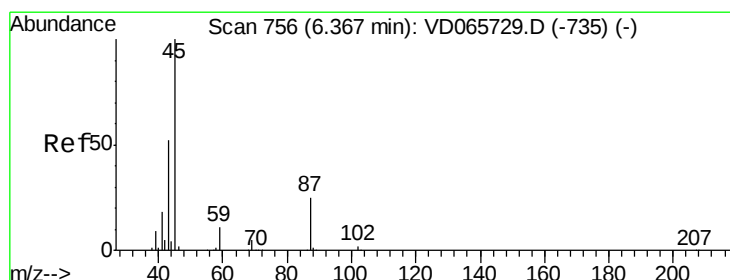
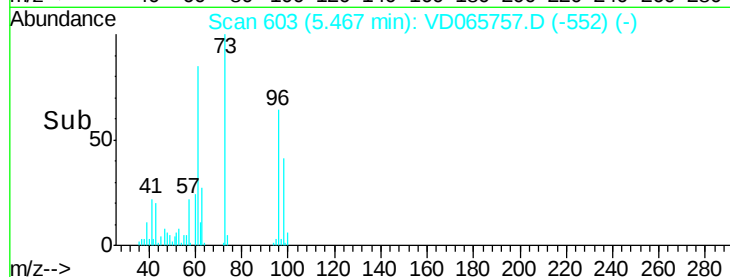
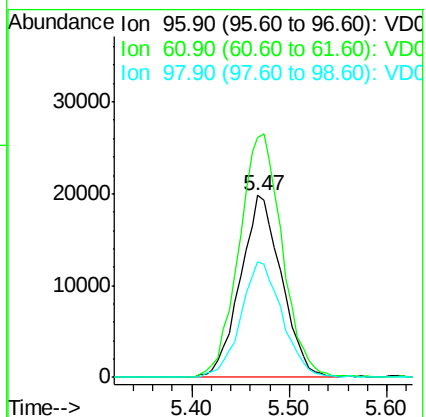
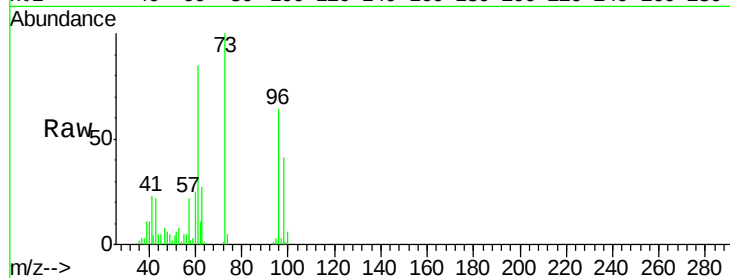
Tot Ion: 96 Resp: 58540

Ion Ratio Lower Upper

96 100

61 132.0 108.6 163.0

98 63.4 47.9 71.9



#22

Diisopropyl ether

Concen: 22.386 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Tgt Ion: 45 Resp: 173146

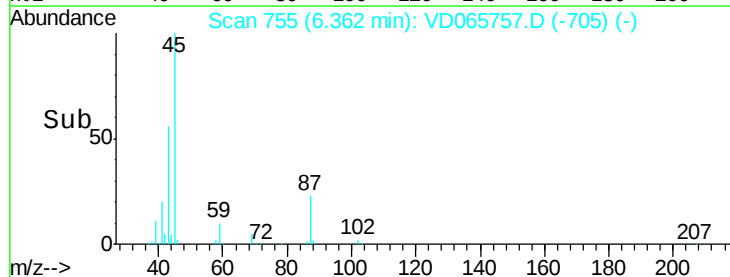
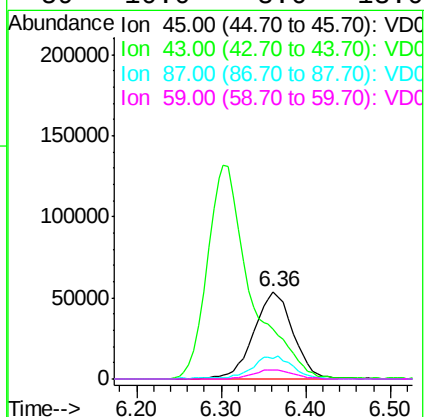
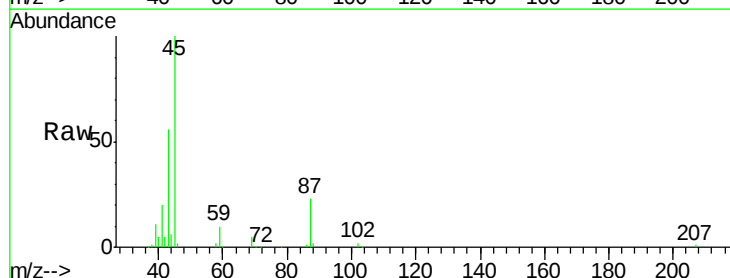
Ion Ratio Lower Upper

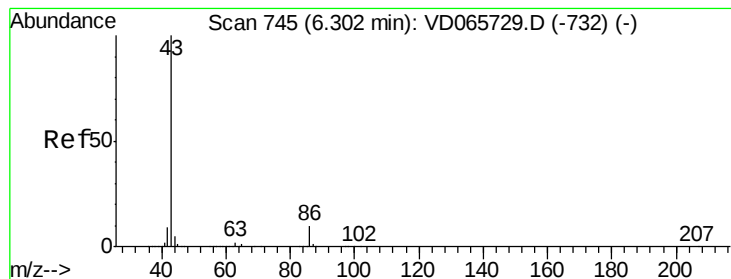
45 100

43 54.3 41.8 62.6

87 22.9 20.1 30.1

59 10.0 8.6 13.0





#23

Vinyl Acetate

Concen: 103.381 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

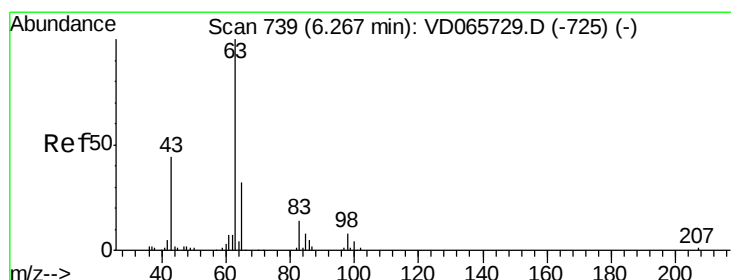
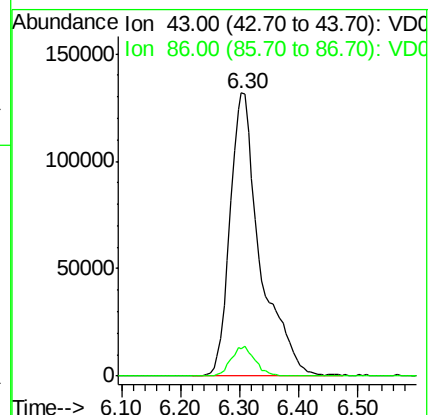
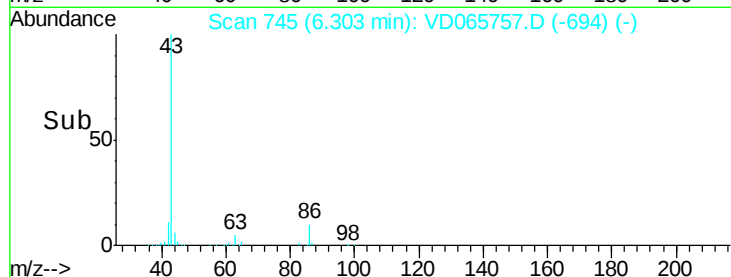
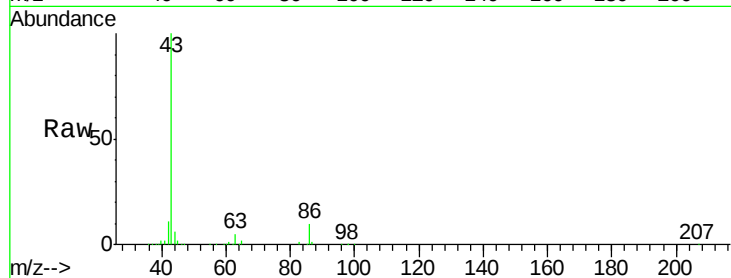
ClientSampleId :

Tot Ion: 43 Resp: 470318

Ion Ratio Lower Upper

43 100

86 9.7 8.2 12.4



#24

1,1-Dichloroethane

Concen: 22.702 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

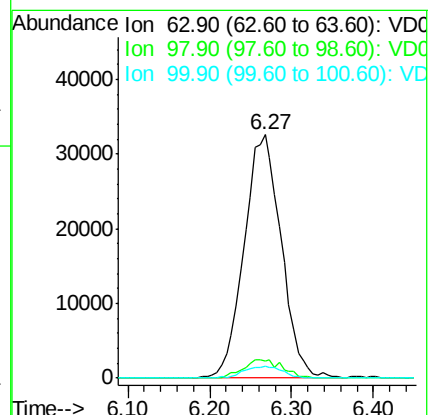
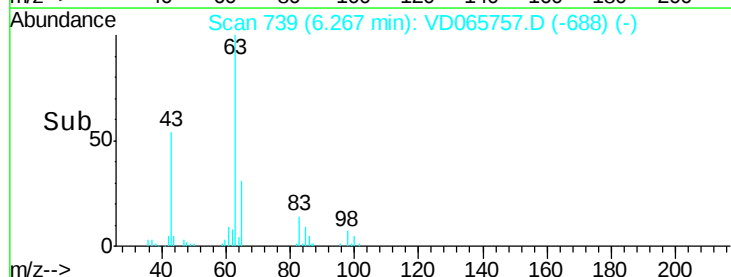
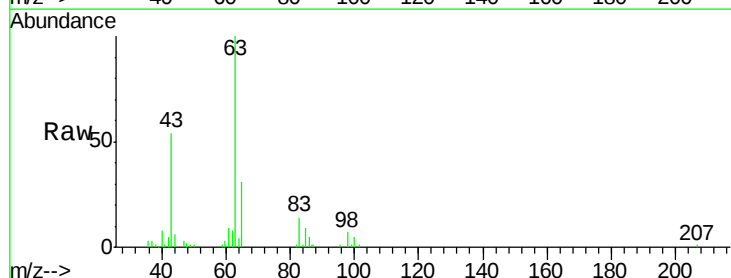
Tgt Ion: 63 Resp: 102809

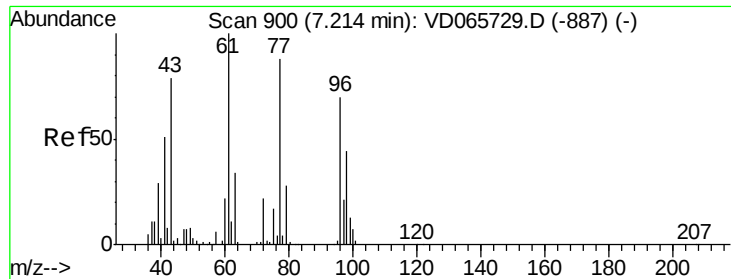
Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.5

100 5.0 2.2 6.6





#25

2-Butanone

Concen: 101.009 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

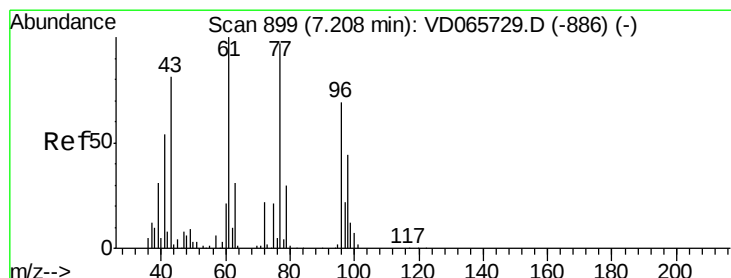
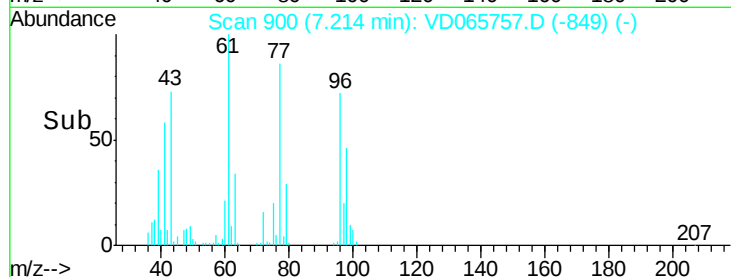
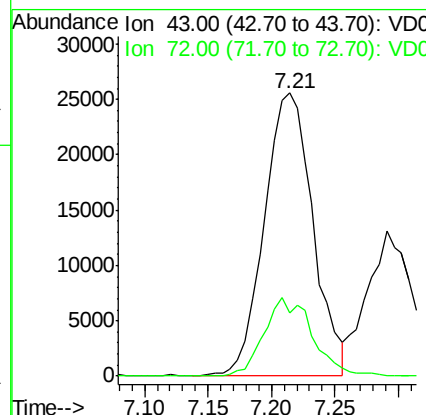
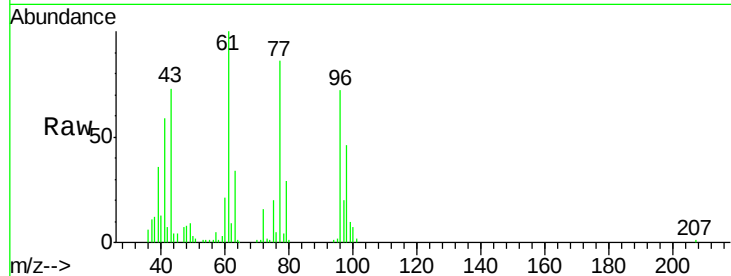
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 68340

Ion Ratio Lower Upper

43 100

72 22.1 22.3 33.5#



#26

2,2-Dichloropropane

Concen: 22.805 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD065757.D

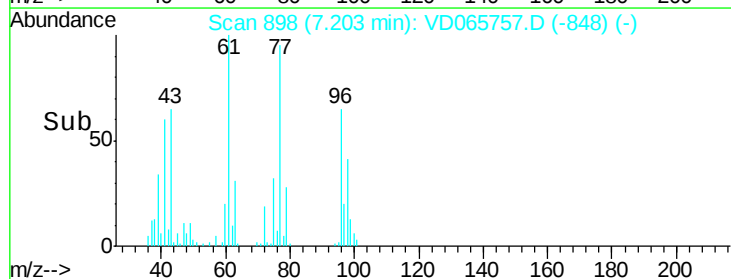
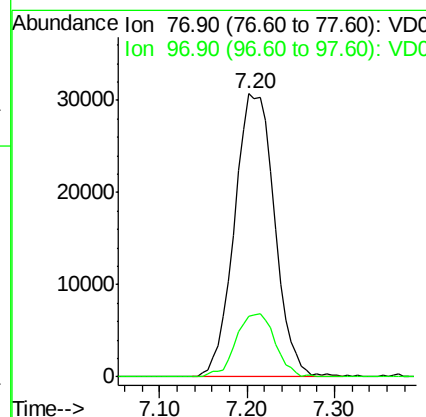
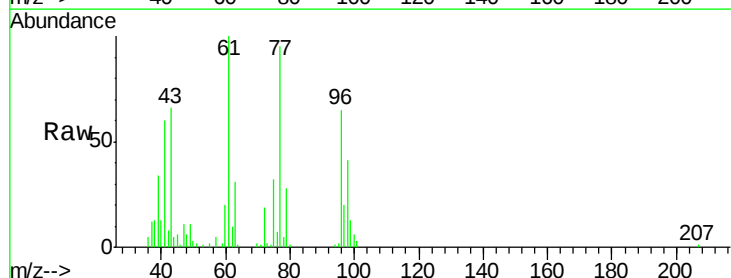
Acq: 26 May 2020 13:01

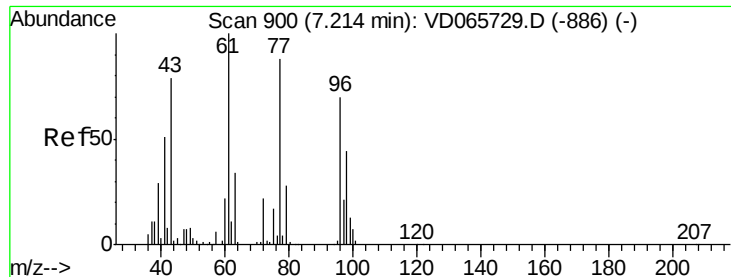
Tgt Ion: 77 Resp: 95856

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.9



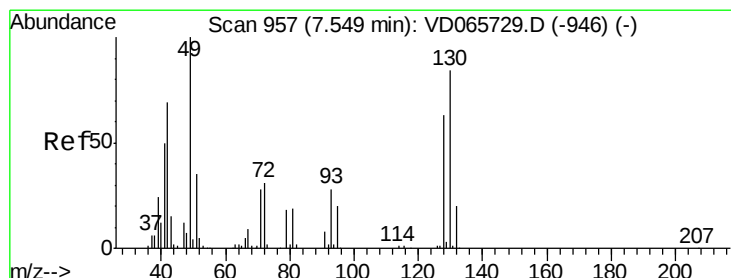
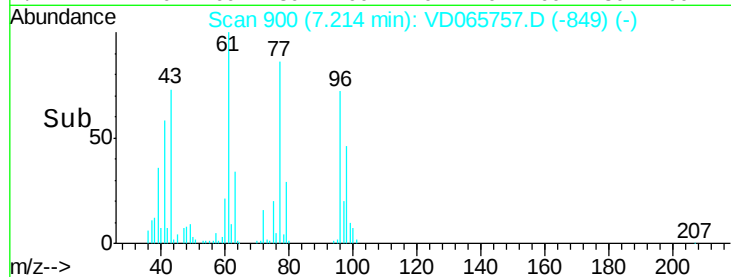
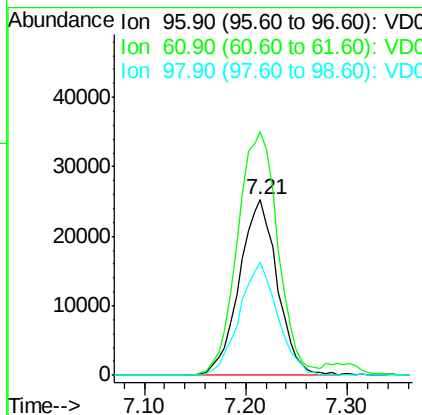
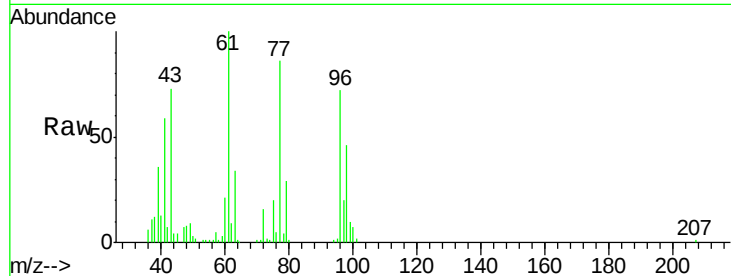


#27

cis-1,2-Dichloroethene
Concen: 22.167 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Instrument :
MSVOA_D
ClientSampleId :

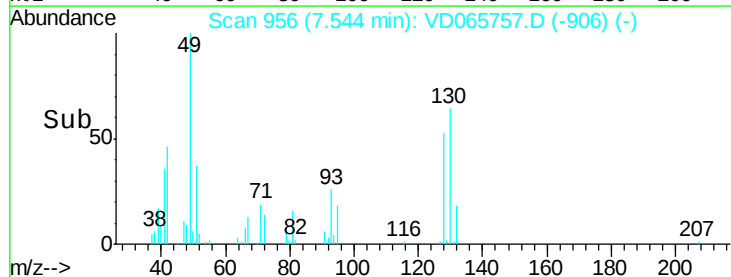
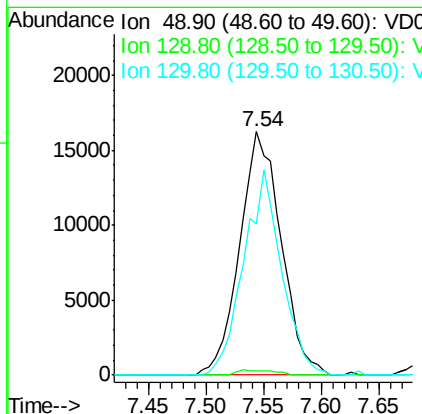
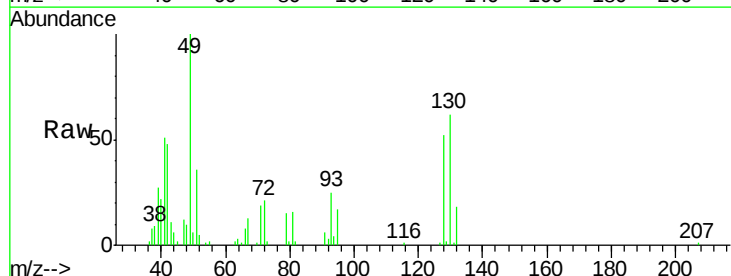
Tot Ion: 96 Resp: 65719
Ion Ratio Lower Upper
96 100
61 148.1 0.0 288.0
98 64.5 0.0 127.8

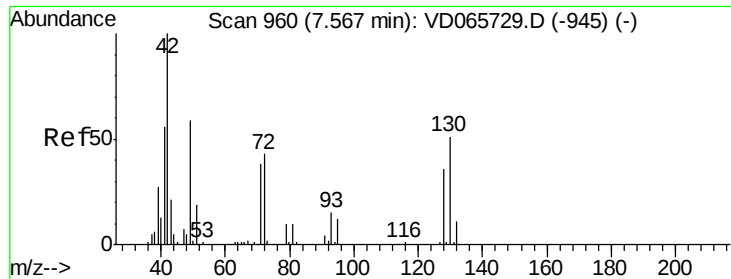


#28

Bromochloromethane
Concen: 21.780 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion: 49 Resp: 40554
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.6
130 77.0 65.2 97.8

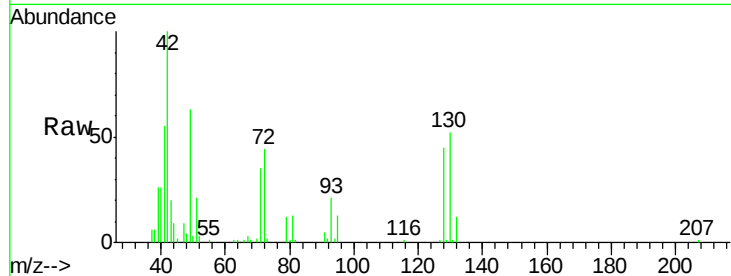




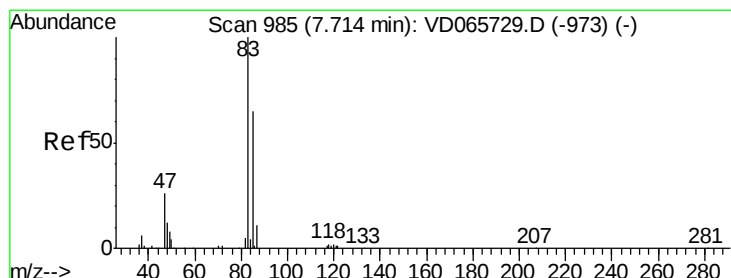
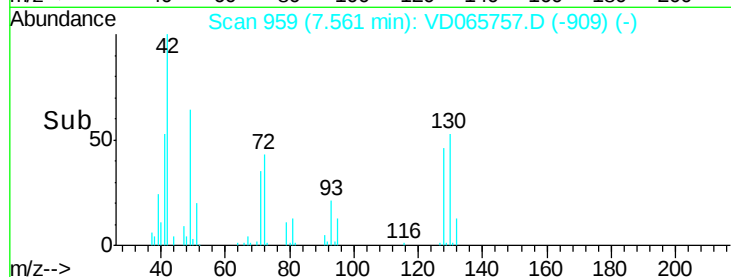
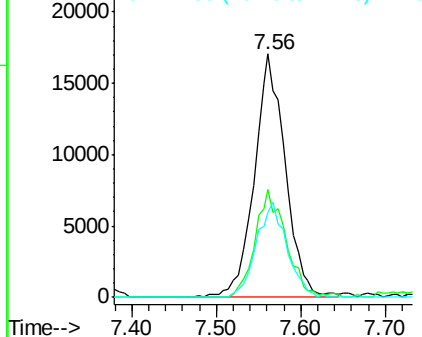
#29
Tetrahydrofuran
Concen: 101.561 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 42 Resp: 43566
Ion Ratio Lower Upper
42 100
72 43.7 33.5 50.3
71 38.3 31.8 47.6

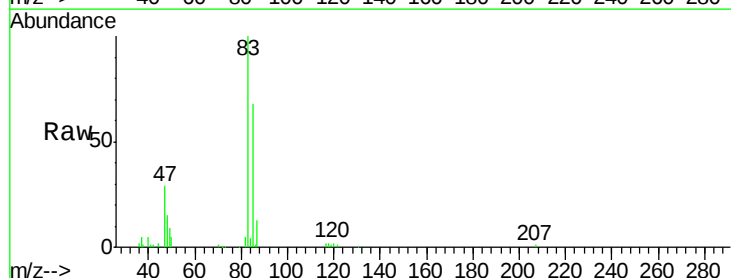


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

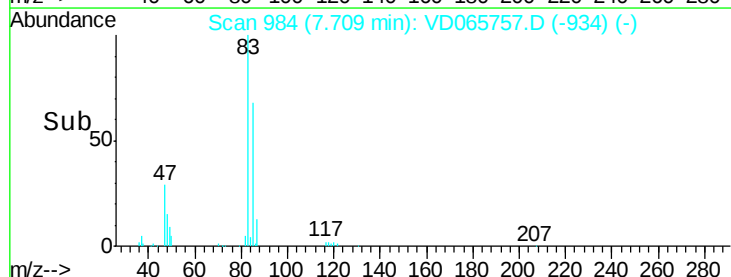
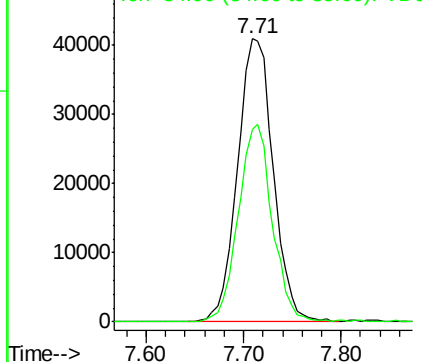


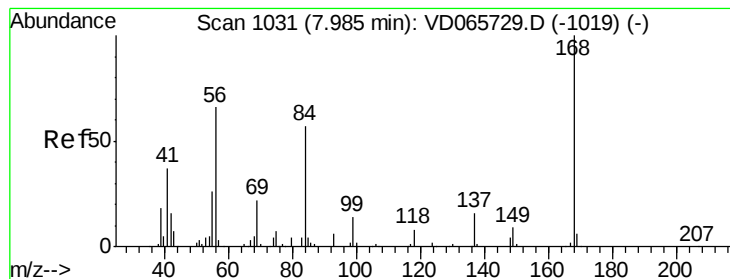
#30
Chloroform
Concen: 22.893 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion: 83 Resp: 104777
Ion Ratio Lower Upper
83 100
85 68.0 52.2 78.2



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





#31

Cyclohexane

Concen: 21.302 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

ClientSampleId :

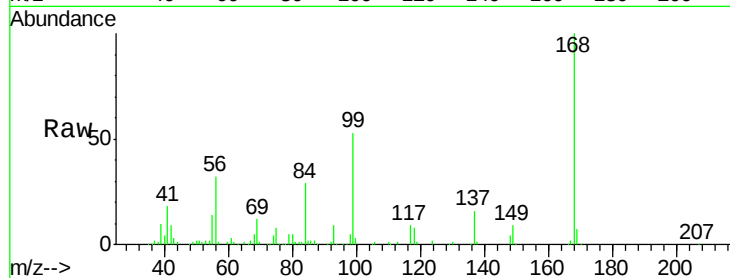
Tot Ion: 56 Resp: 97651

Ion Ratio Lower Upper

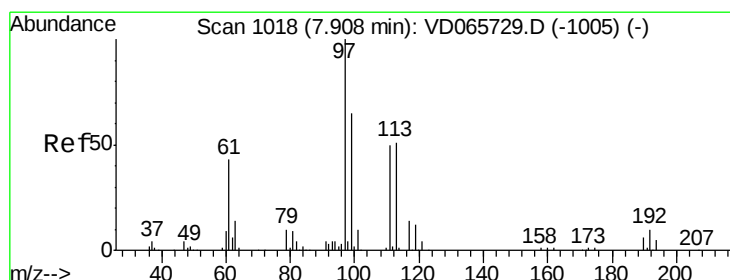
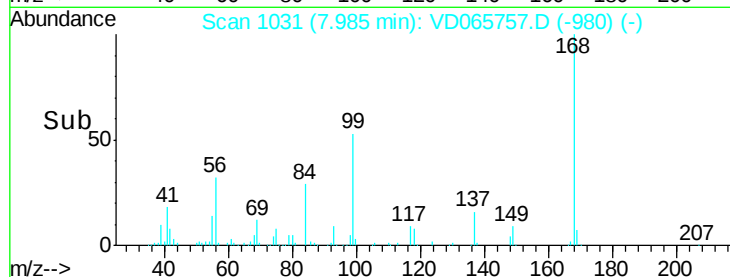
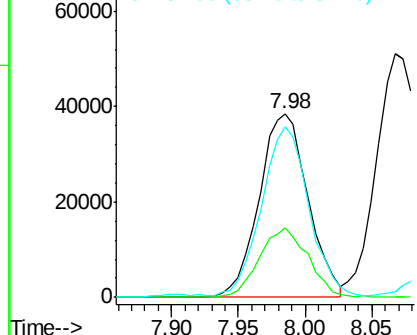
56 100

69 37.6 25.9 38.9

84 91.7 69.1 103.7



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



#32

1,1,1-Trichloroethane

Concen: 23.024 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

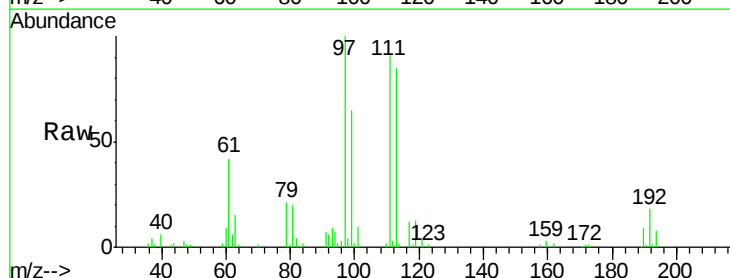
Tgt Ion: 97 Resp: 98714

Ion Ratio Lower Upper

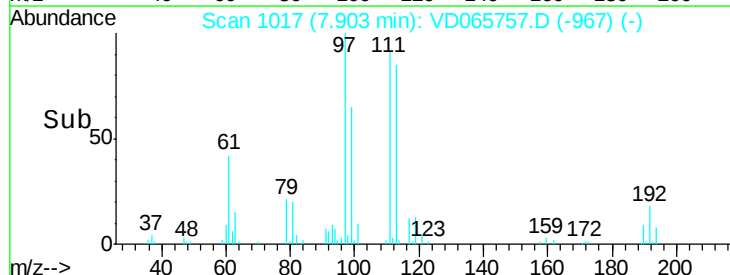
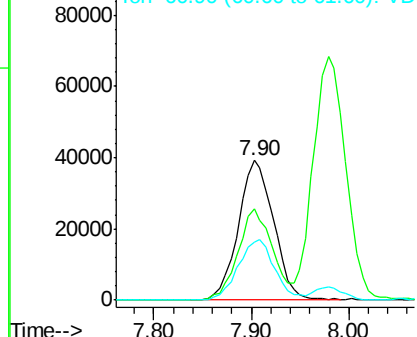
97 100

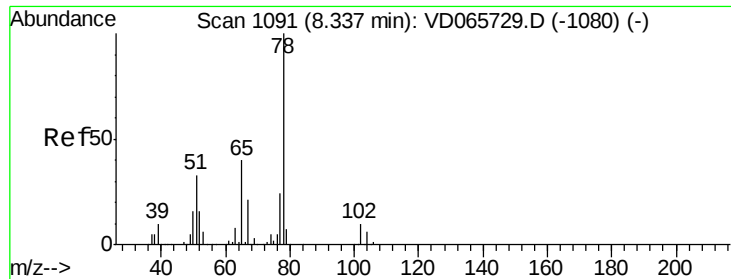
99 63.0 50.5 75.7

61 44.8 33.9 50.9



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





#33

1,2-Dichloroethane-d4

Concen: 53.578 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

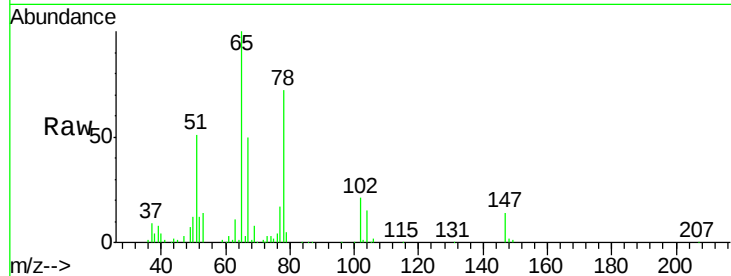
ClientSampleId :

Tot Ion: 65 Resp: 123630

Ion Ratio Lower Upper

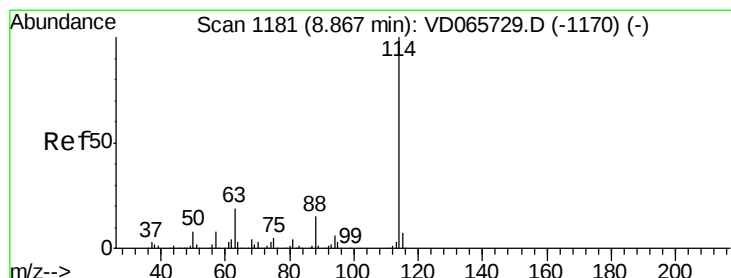
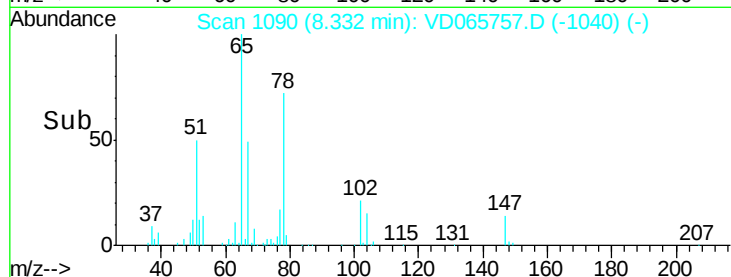
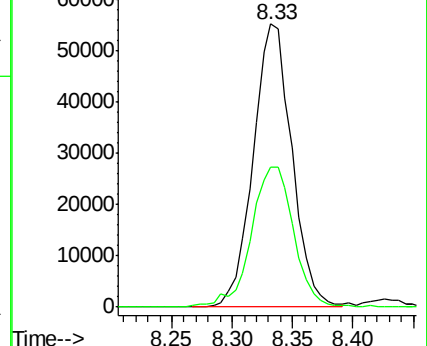
65 100

67 54.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

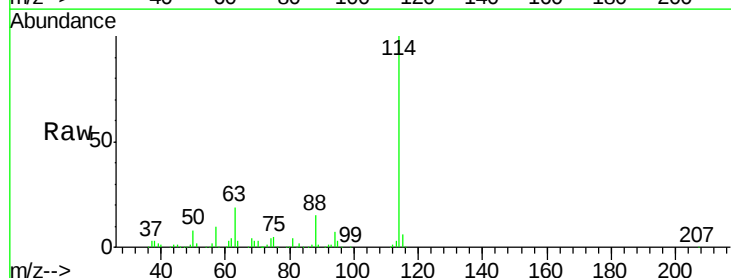
Tgt Ion: 114 Resp: 440030

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.2

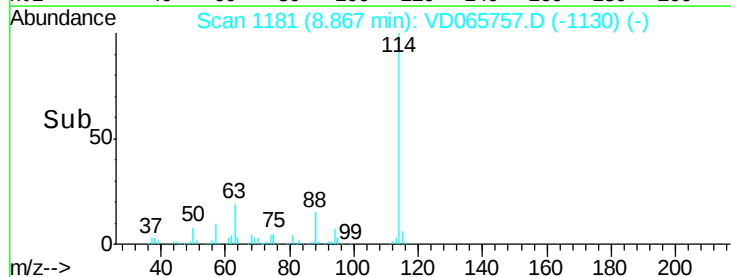
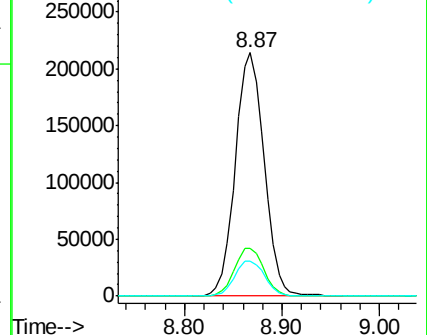
88 14.6 0.0 30.2

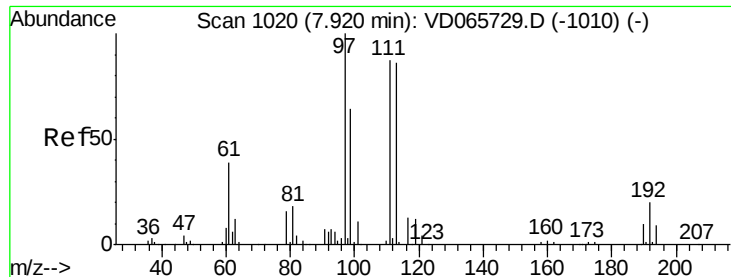


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

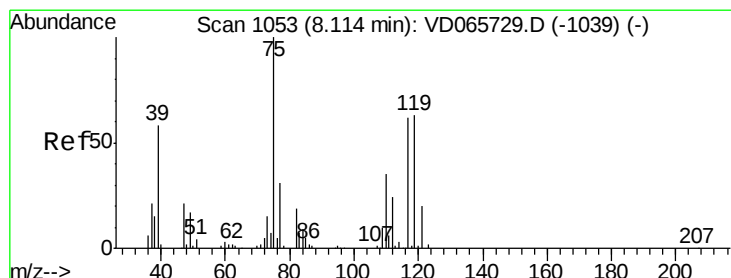
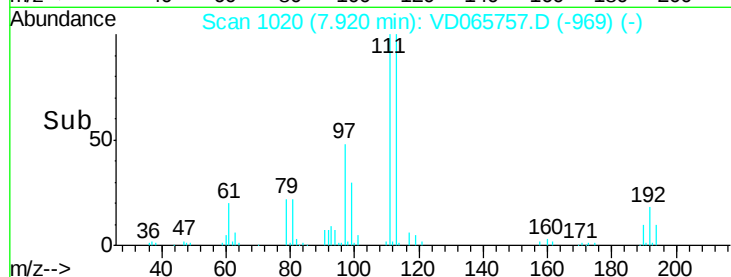
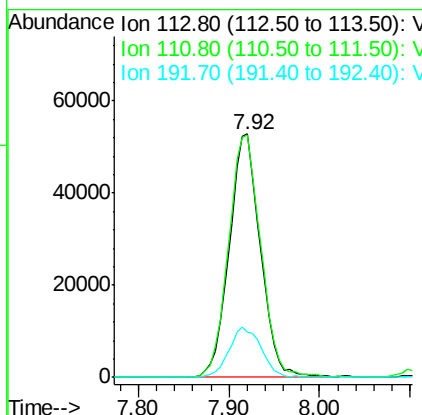
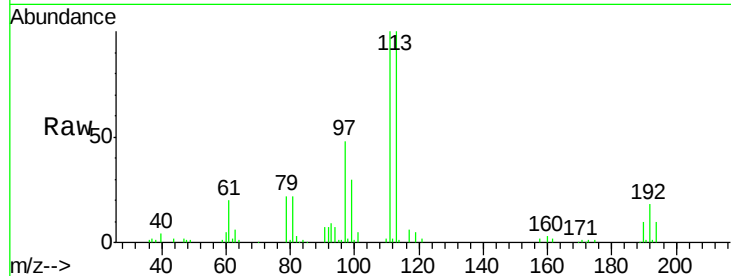




#35
 Dibromofluoromethane
 Concen: 50.602 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065757.D
 Acq: 26 May 2020 13:01

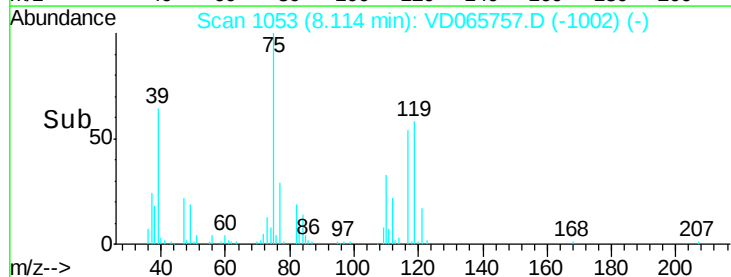
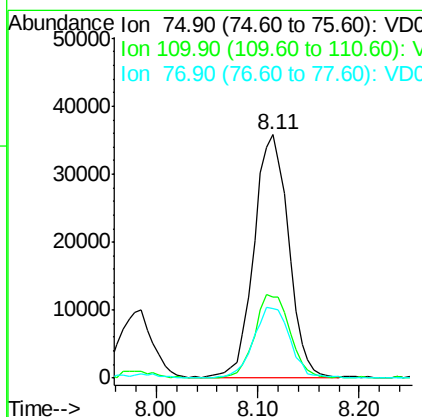
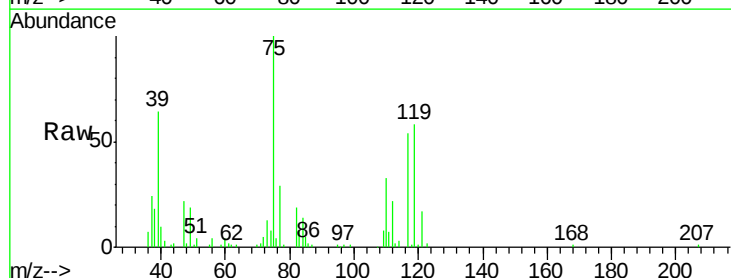
Instrument :
 MSVOA_D
 ClientSampleId :

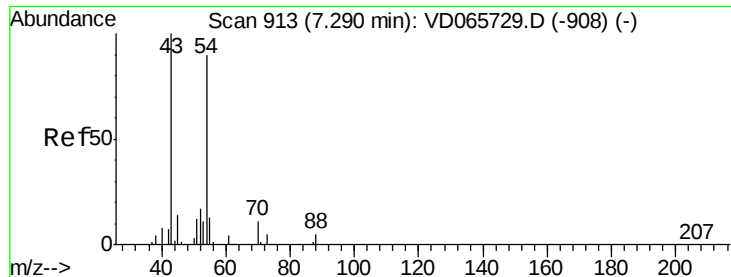
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.1	121.7
192	21.1	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 22.325 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065757.D
 Acq: 26 May 2020 13:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.4	55.2
77	30.6	24.6	37.0

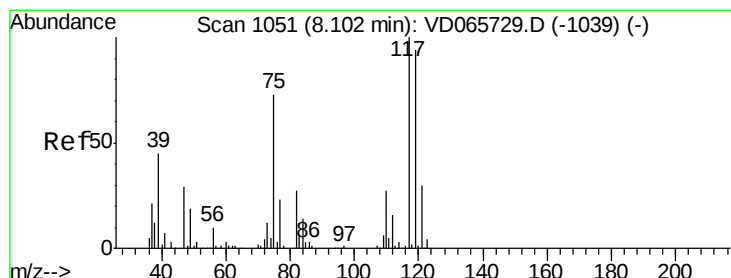
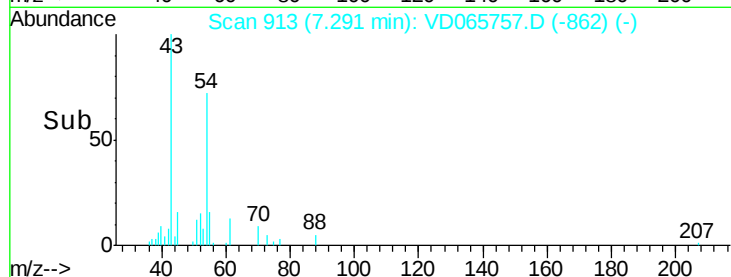
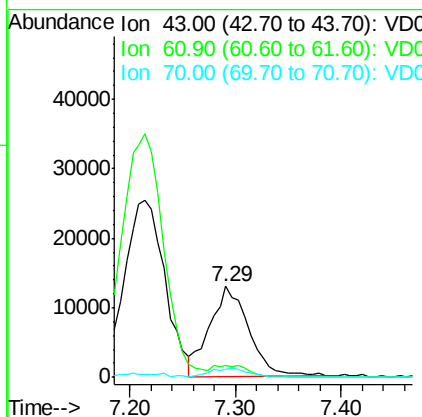
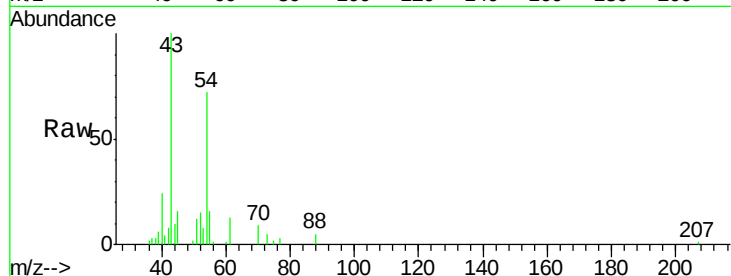




#37
Ethyl Acetate
Concen: 20.170 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

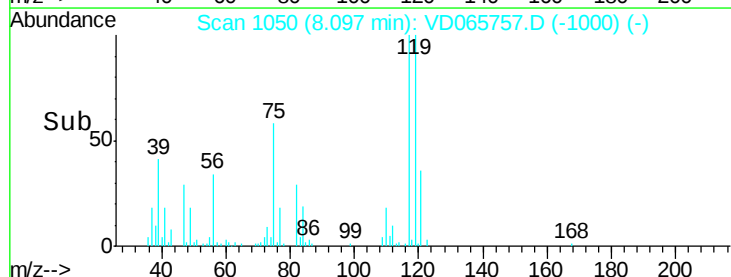
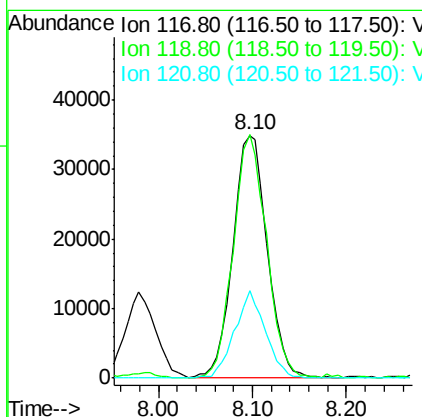
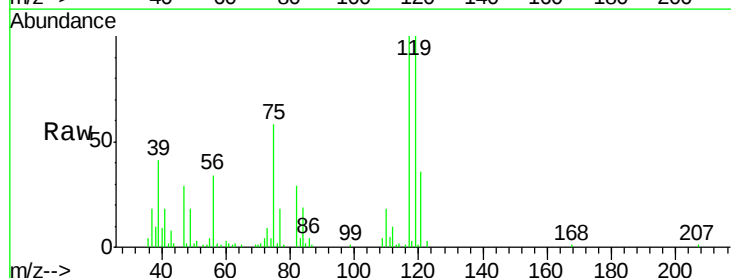
Instrument :
MSVOA_D
ClientSampled :

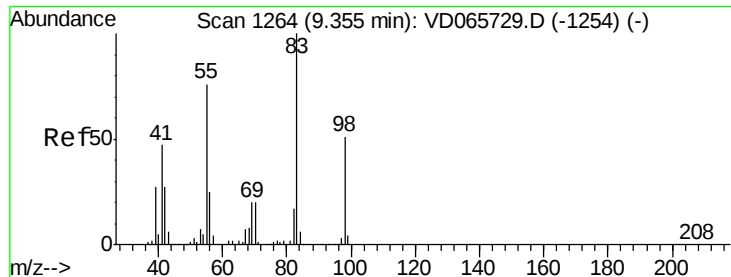
Tot Ion: 43 Resp: 33020
Ion Ratio Lower Upper
43 100
61 12.7 9.8 14.6
70 10.0 8.6 12.8



#38
Carbon Tetrachloride
Concen: 21.834 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion: 117 Resp: 88497
Ion Ratio Lower Upper
117 100
119 100.3 75.6 113.4
121 36.2 24.4 36.6

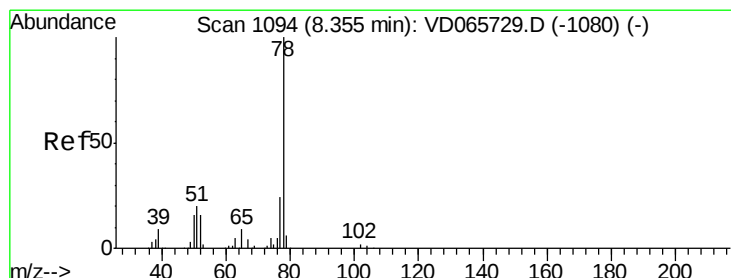
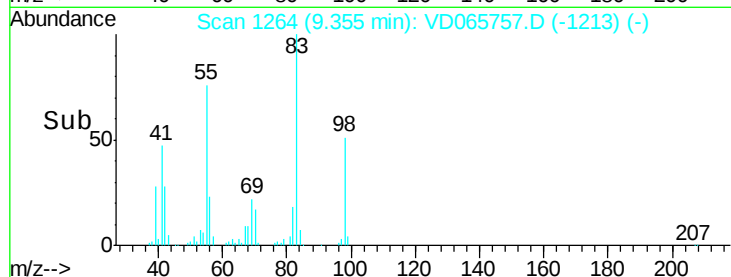
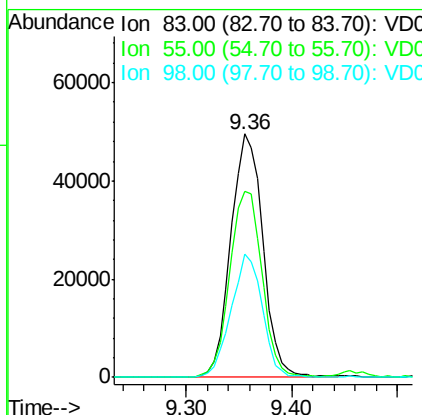
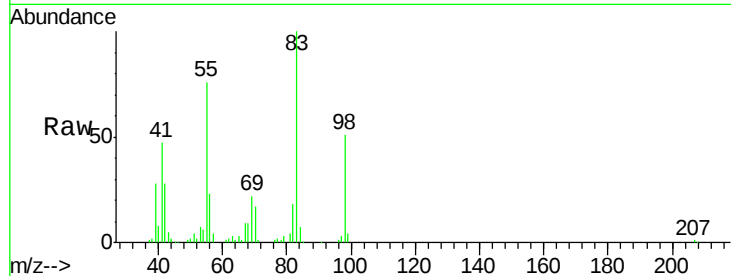




#39
Methvlcvclohexane
Concen: 21.294 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

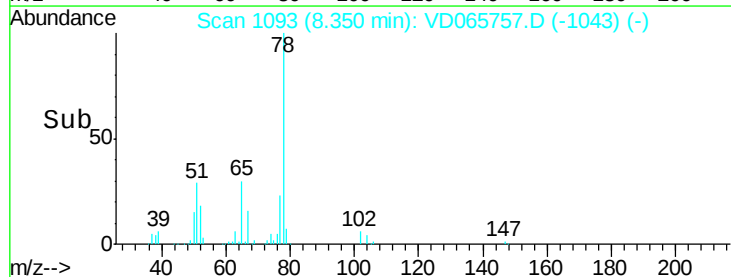
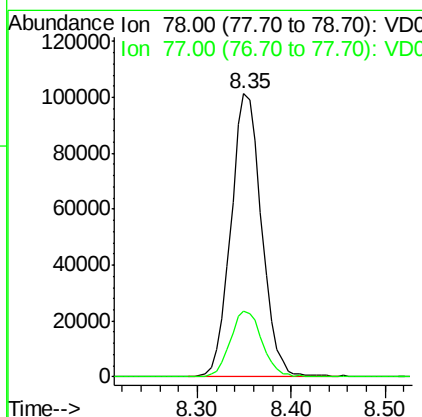
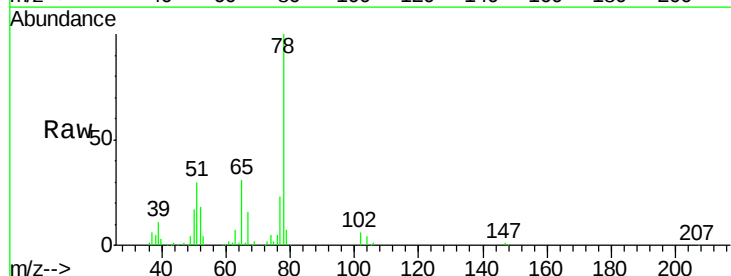
Instrument :
MSVOA_D
ClientSampleId :

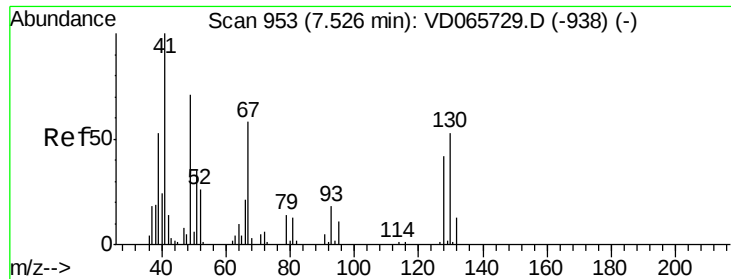
Tot Ion: 83 Resp: 104283
Ion Ratio Lower Upper
83 100
55 76.2 60.9 91.3
98 50.8 40.6 61.0



#40
Benzene
Concen: 21.889 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion: 78 Resp: 230013
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

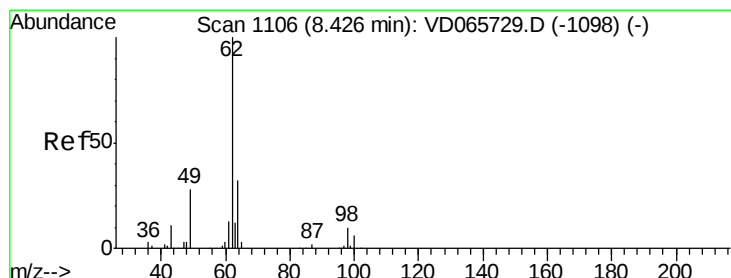
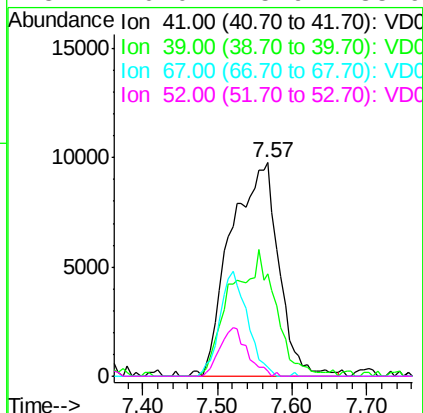
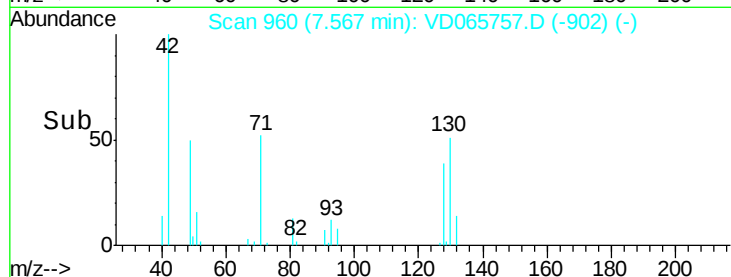
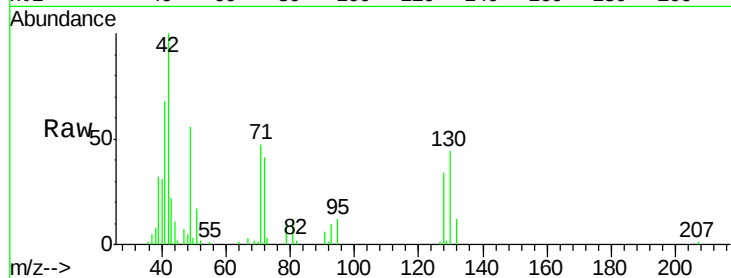




#41
Methacrylonitrile
Concen: 48.479 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.04 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

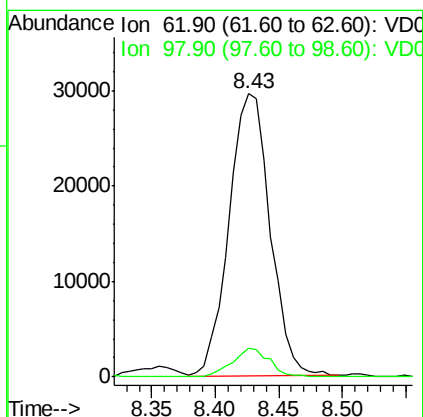
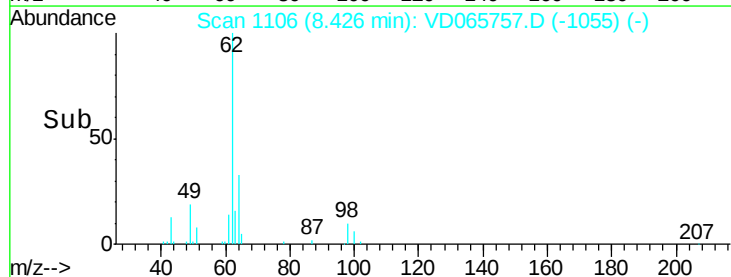
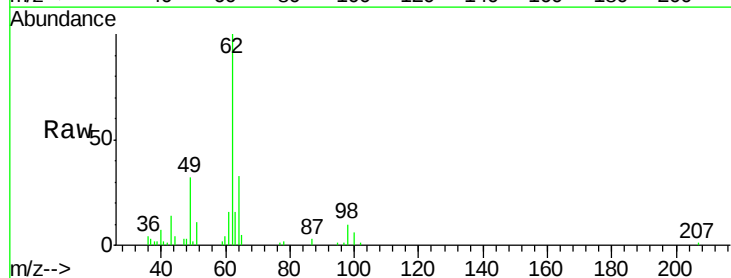
Instrument :
MSVOA_D
ClientSampleId :

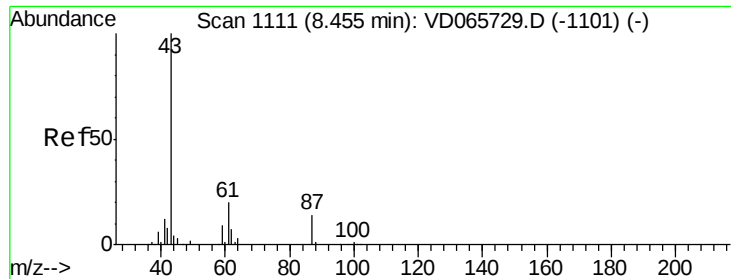
Tot Ion: 41 Resp: 43709
Ion Ratio Lower Upper
41 100
39 54.9 56.8 85.2#
67 0.0 57.9 86.9#
52 0.0 25.9 38.9#



#42
1,2-Dichloroethane
Concen: 22.683 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion: 62 Resp: 66365
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.6





#43

Isopropyl Acetate

Concen: 19.811 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

ClientSampleId :

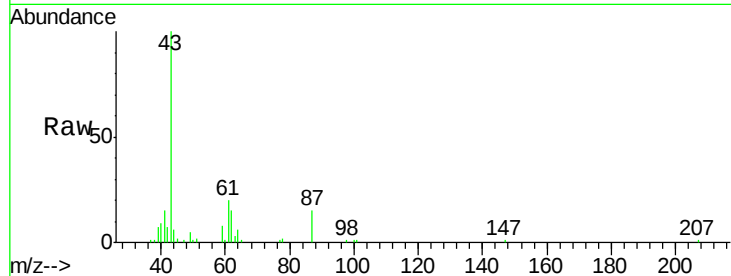
Tot Ion: 43 Resp: 64284

Ion Ratio Lower Upper

43 100

61 30.7 23.8 35.6

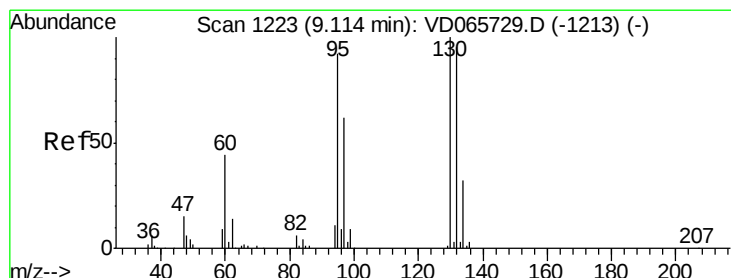
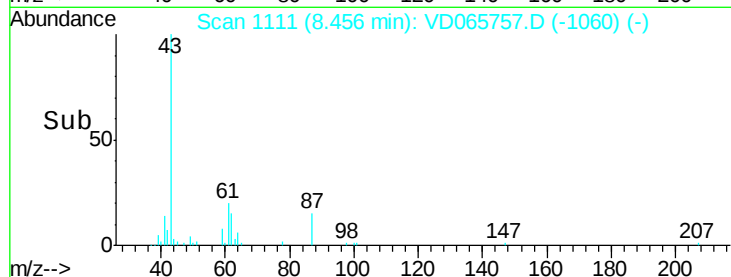
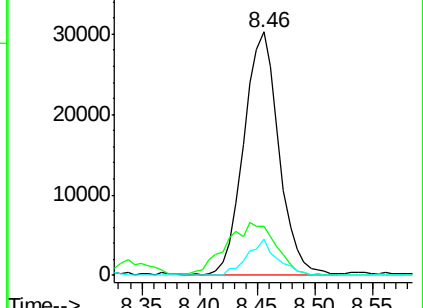
87 12.6 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.602 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065757.D

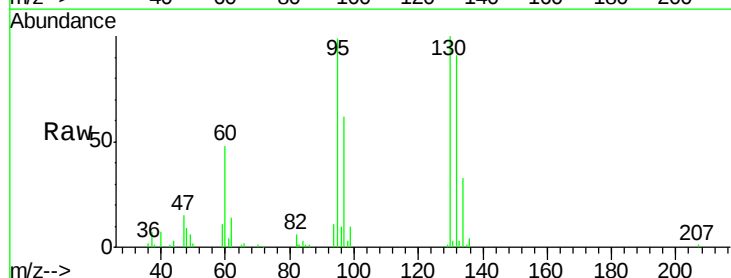
Acq: 26 May 2020 13:01

Tgt Ion: 130 Resp: 67958

Ion Ratio Lower Upper

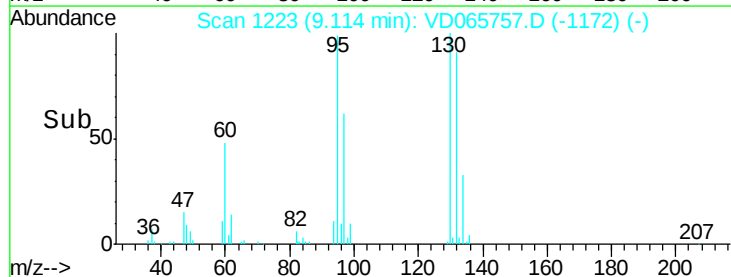
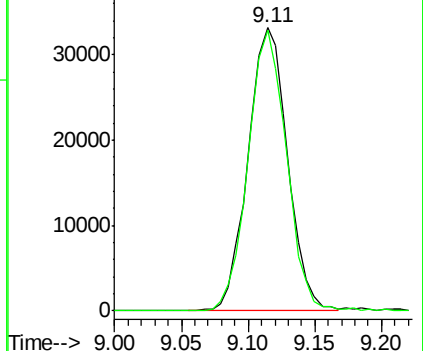
130 100

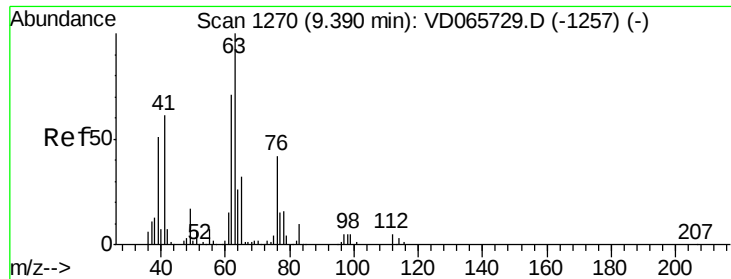
95 99.0 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

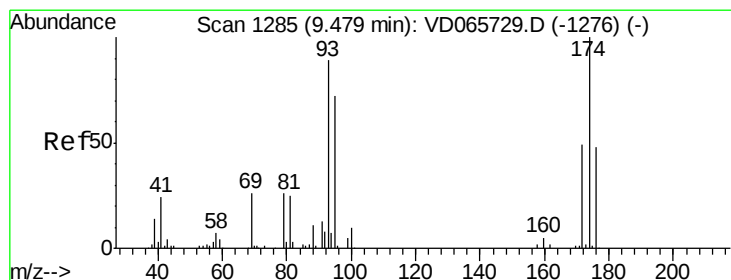
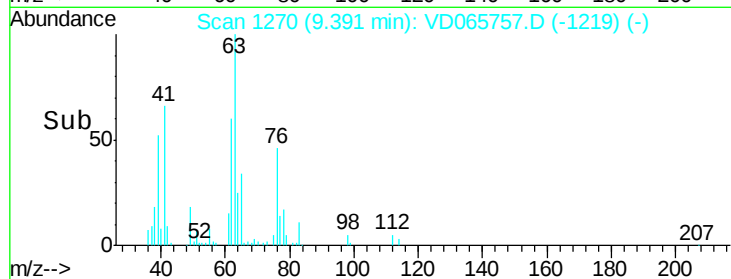
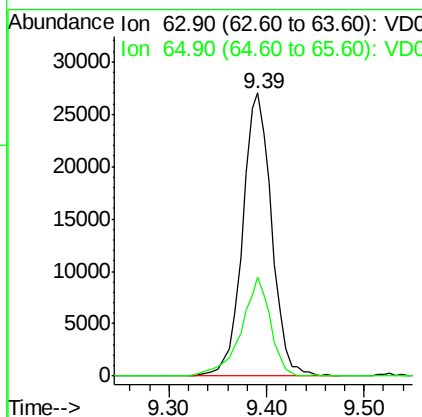
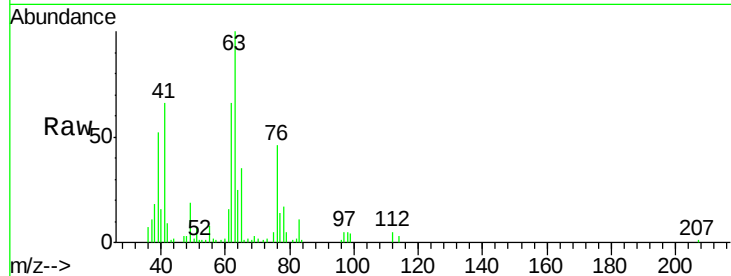




#45
 1,2-Dichloropropane
 Concen: 21.598 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065757.D
 Acq: 26 May 2020 13:01

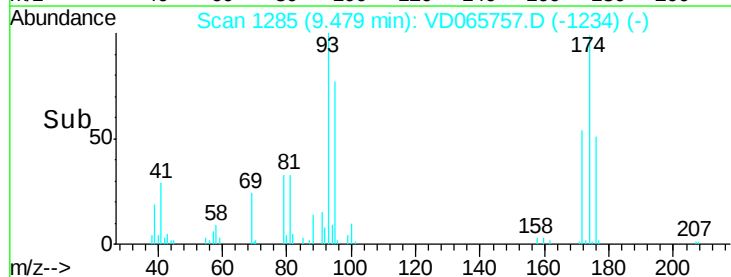
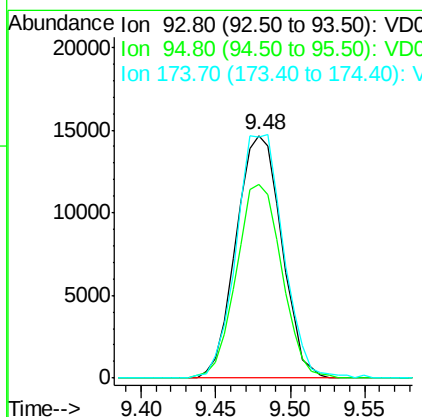
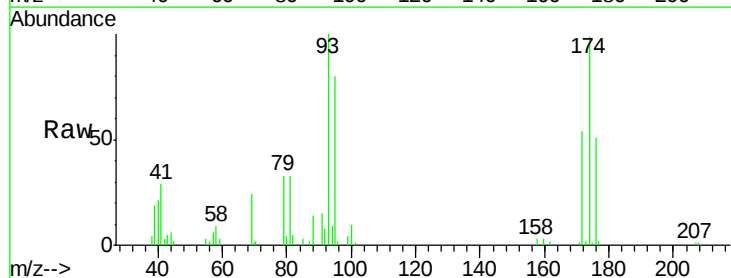
Instrument :
 MSVOA_D
 ClientSampleId :

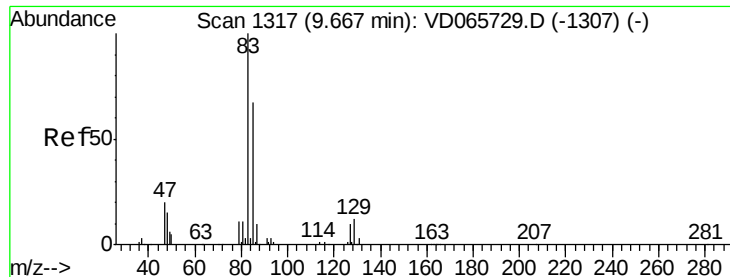
Tot Ion: 63 Resp: 55958
 Ion Ratio Lower Upper
 63 100
 65 34.8 25.3 37.9



#46
 Dibromomethane
 Concen: 22.230 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065757.D
 Acq: 26 May 2020 13:01

Tgt Ion: 93 Resp: 31056
 Ion Ratio Lower Upper
 93 100
 95 79.6 65.4 98.2
 174 103.4 89.9 134.9





#47

Bromodichloromethane

Concen: 22.430 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

ClientSampled :

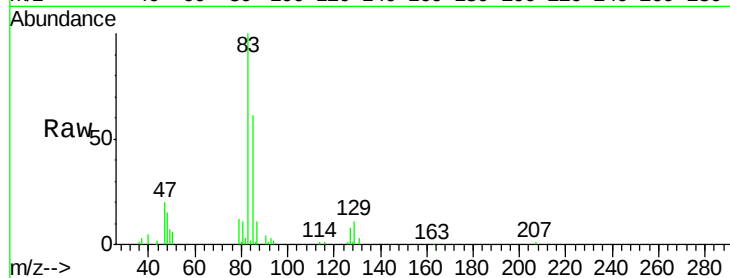
Tot Ion: 83 Resp: 82020

Ion Ratio Lower Upper

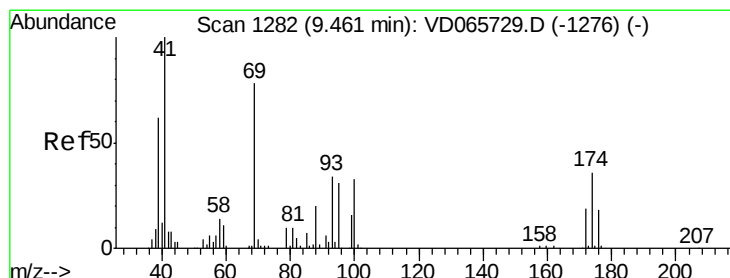
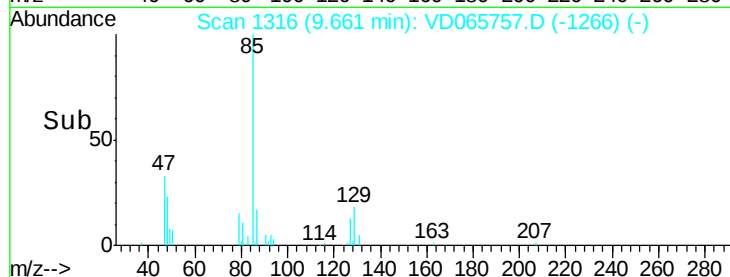
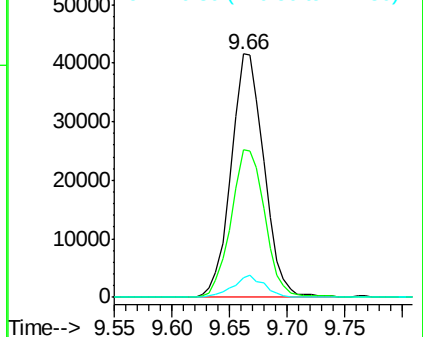
83 100

85 60.8 53.6 80.4

127 8.1 7.7 11.5



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



#48

Methyl methacrylate

Concen: 20.551 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

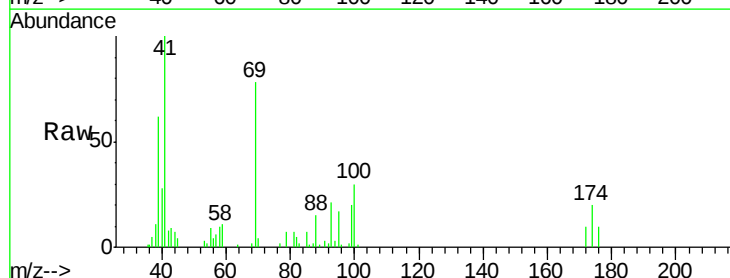
Tgt Ion: 41 Resp: 31302

Ion Ratio Lower Upper

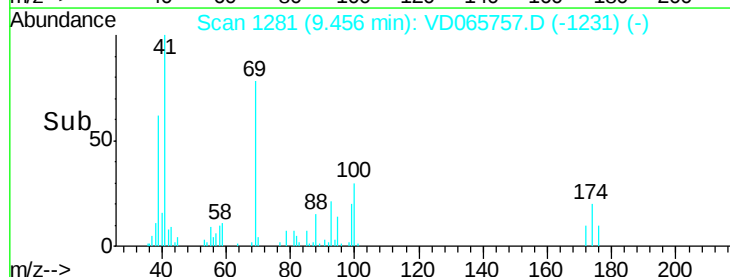
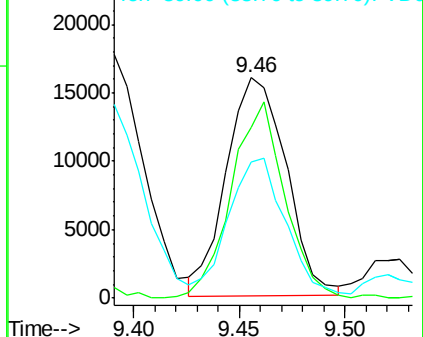
41 100

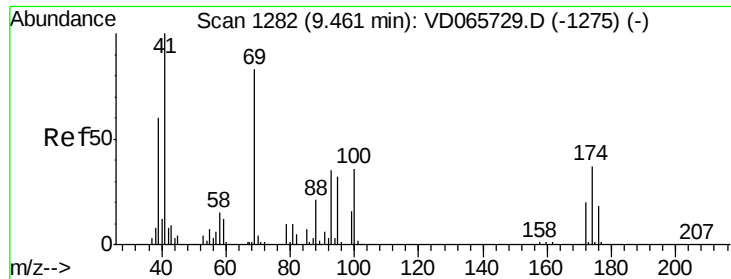
69 80.4 64.4 96.6

39 57.5 46.7 70.1



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

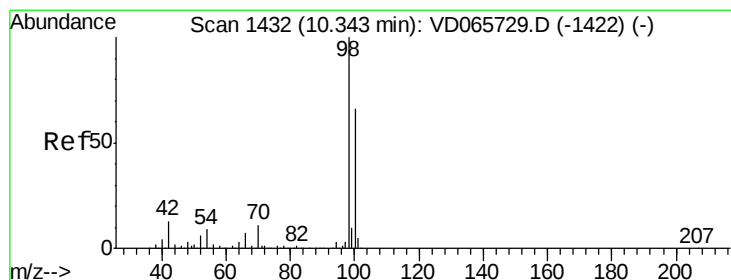
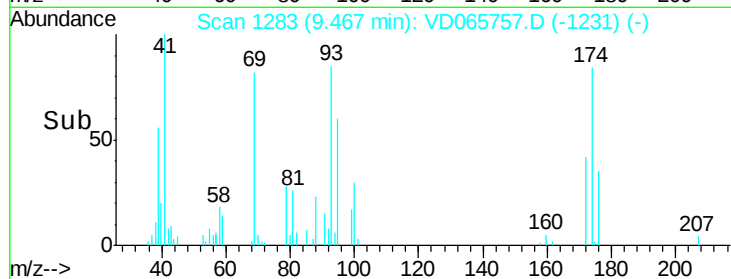
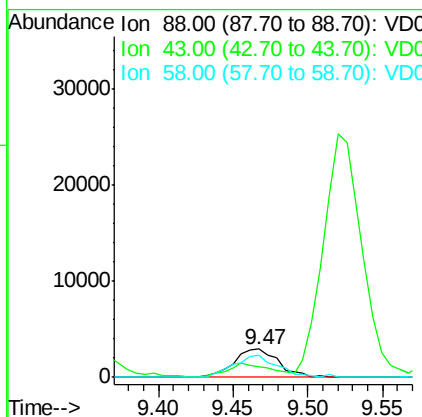
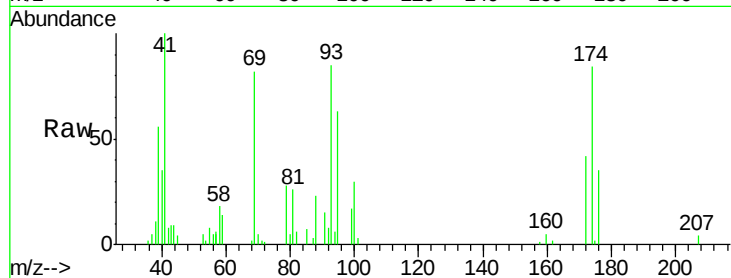




#49
1,4-Dioxane
Concen: 370.672 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

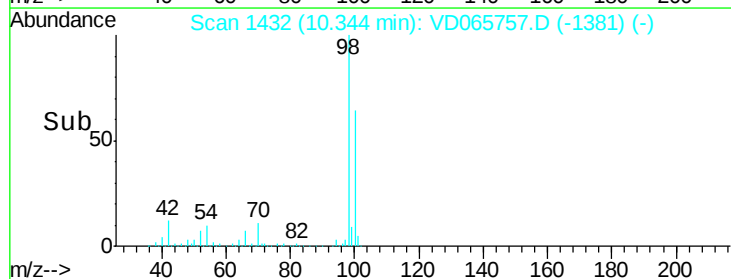
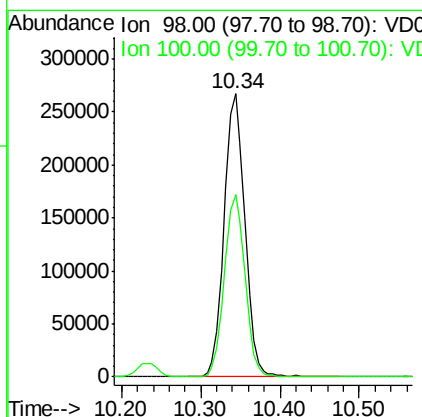
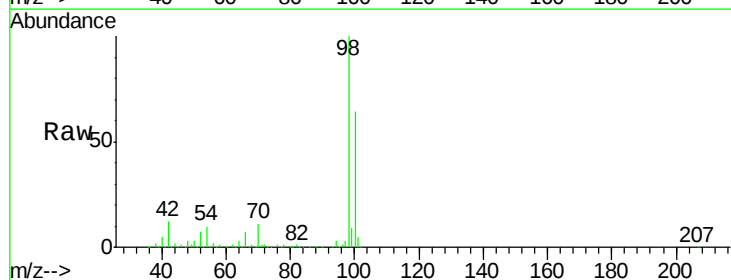
Instrument :
MSVOA_D
ClientSampleId :

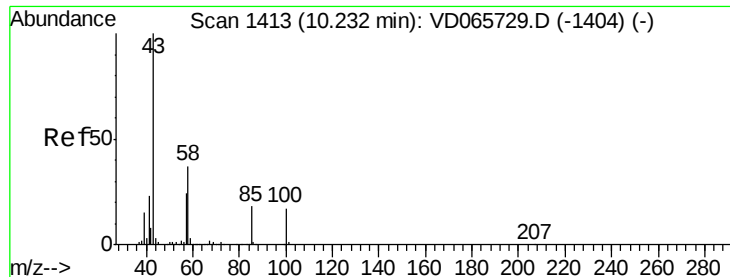
Tot Ion: 88 Resp: 6110
Ion Ratio Lower Upper
88 100
43 48.0 29.4 44.0#
58 76.4 55.1 82.7



#50
Toluene-d8
Concen: 50.995 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion: 98 Resp: 483979
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 100.719 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

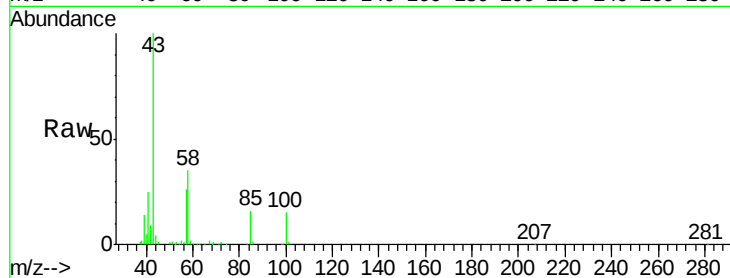
ClientSampleId :

Tot Ion: 43 Resp: 156397

Ion Ratio Lower Upper

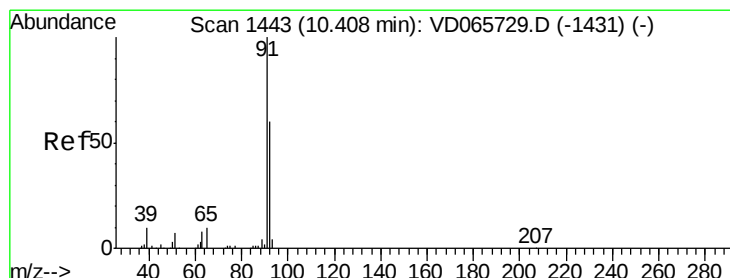
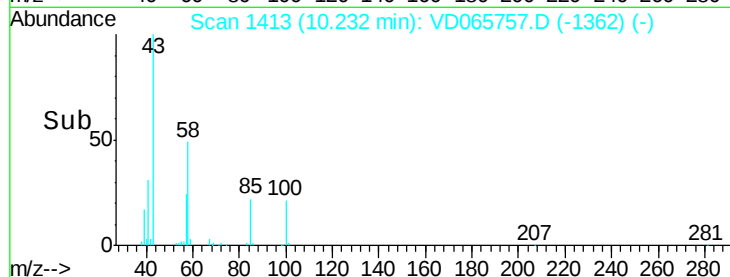
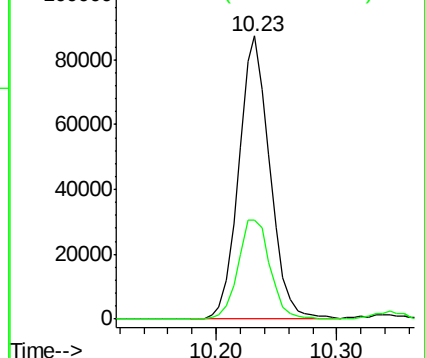
43 100

58 36.3 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 21.945 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065757.D

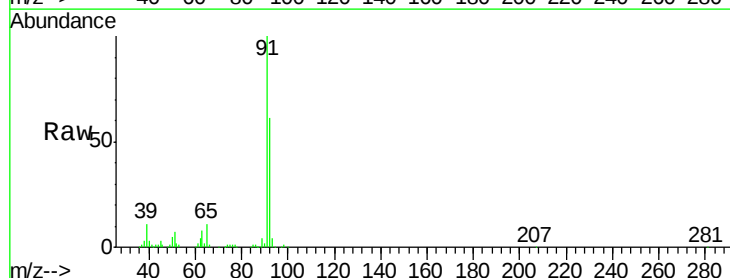
Acq: 26 May 2020 13:01

Tgt Ion: 92 Resp: 151075

Ion Ratio Lower Upper

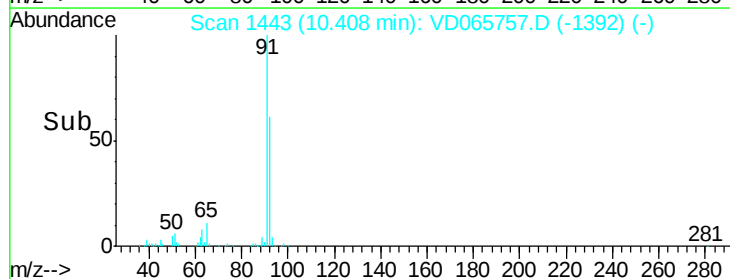
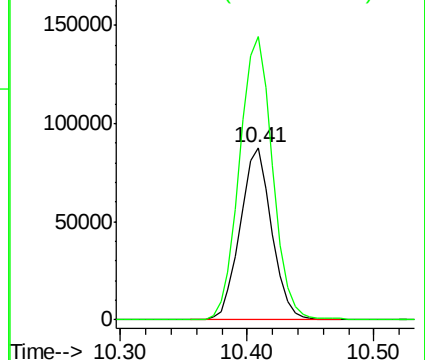
92 100

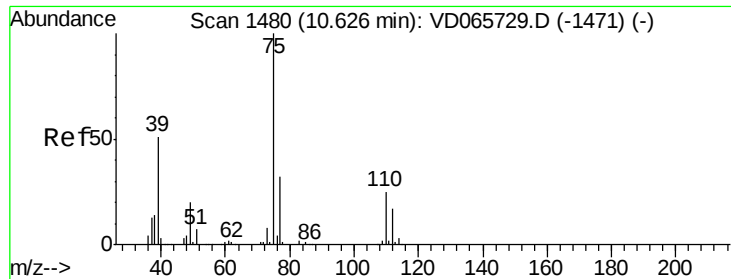
91 173.0 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 21.021 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

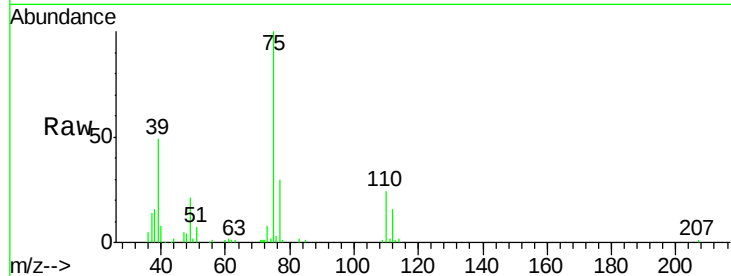
ClientSampleId :

Tot Ion: 75 Resp: 75094

Ion Ratio Lower Upper

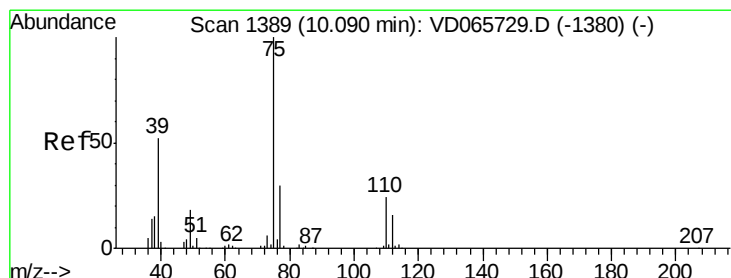
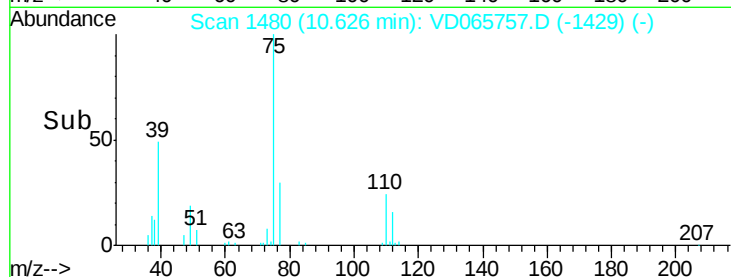
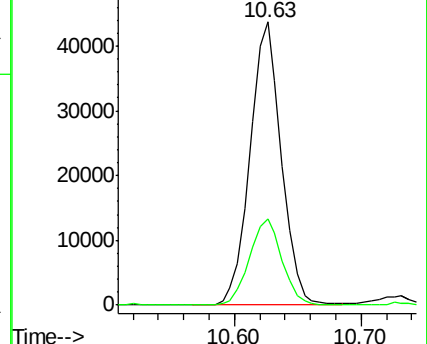
75 100

77 30.3 25.8 38.6



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: 21.575 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

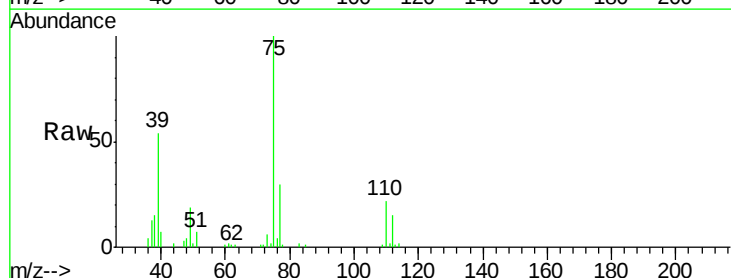
Tgt Ion: 75 Resp: 91677

Ion Ratio Lower Upper

75 100

77 29.8 23.8 35.6

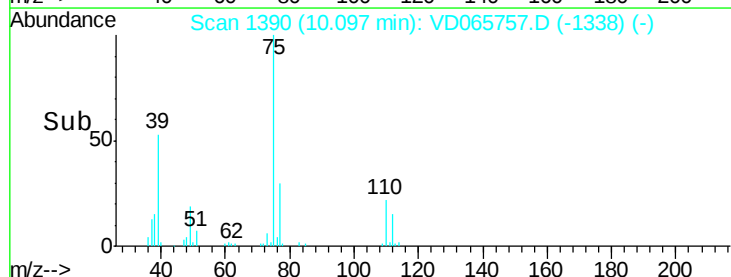
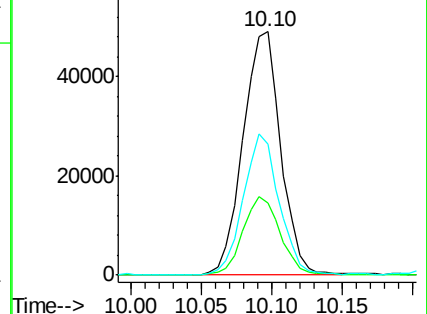
39 53.4 41.9 62.9

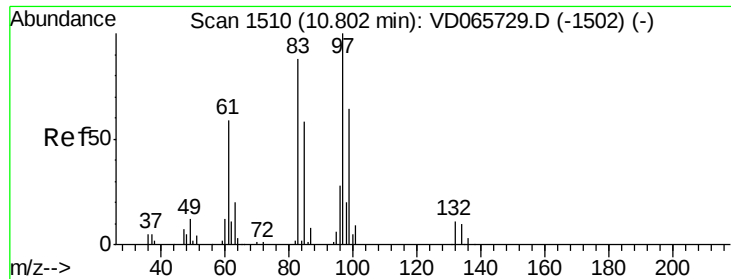


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

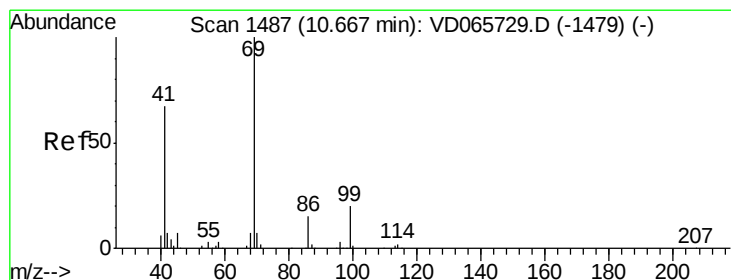
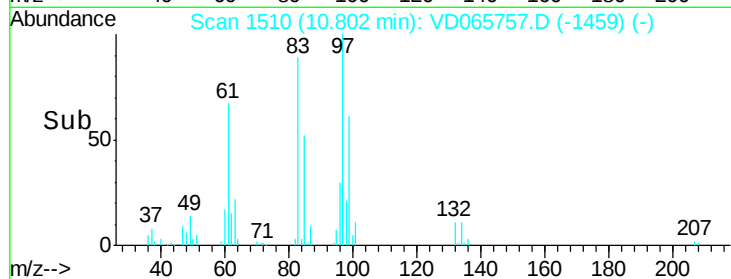
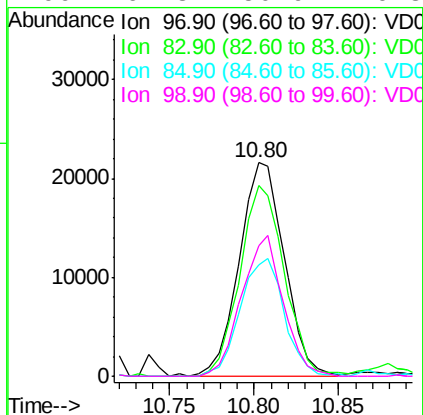
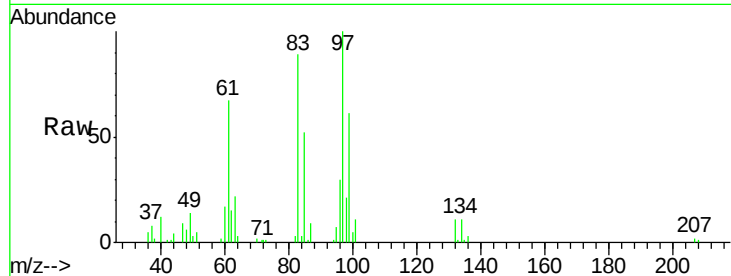




#55
 1,1,2-Trichloroethane
 Concen: 21.101 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065757.D
 Acq: 26 May 2020 13:01

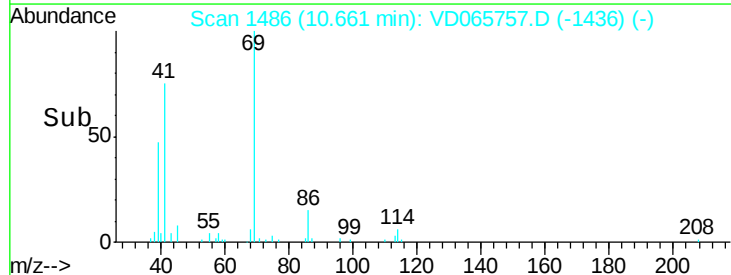
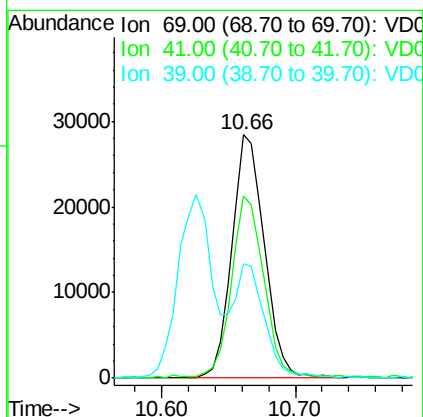
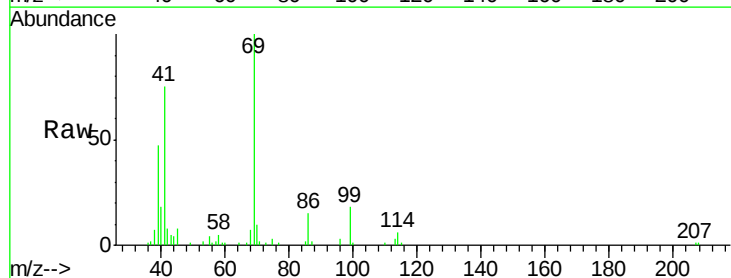
Instrument :
 MSVOA_D
 ClientSampleId :

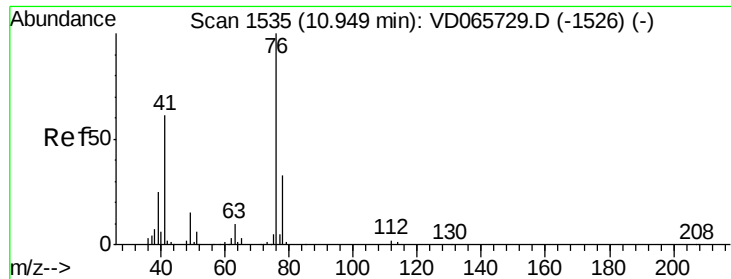
Tot Ion: 97 Resp: 40159
 Ion Ratio Lower Upper
 97 100
 83 89.4 70.7 106.1
 85 52.0 46.8 70.2
 99 61.3 50.9 76.3



#56
 Ethyl methacrylate
 Concen: 19.413 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD065757.D
 Acq: 26 May 2020 13:01

Tgt Ion: 69 Resp: 48154
 Ion Ratio Lower Upper
 69 100
 41 75.9 55.7 83.5
 39 41.7 28.6 43.0

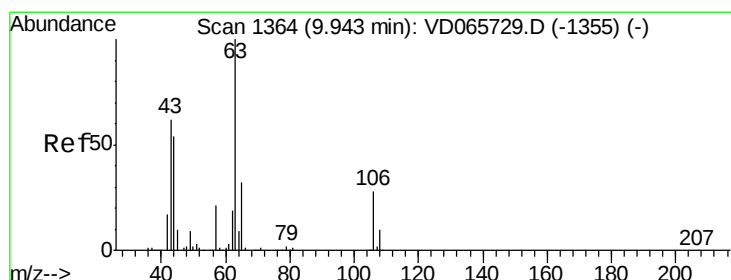
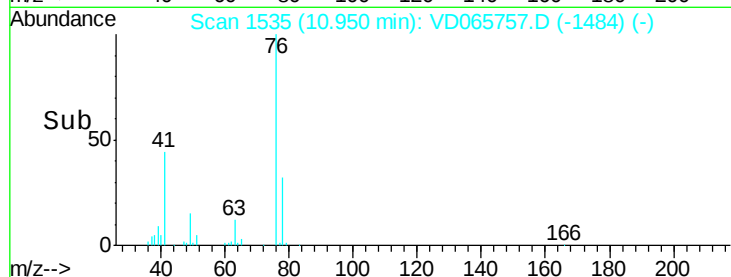
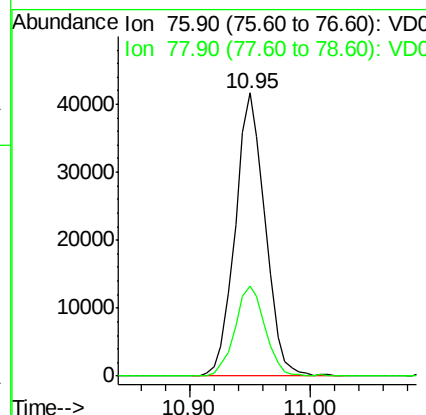
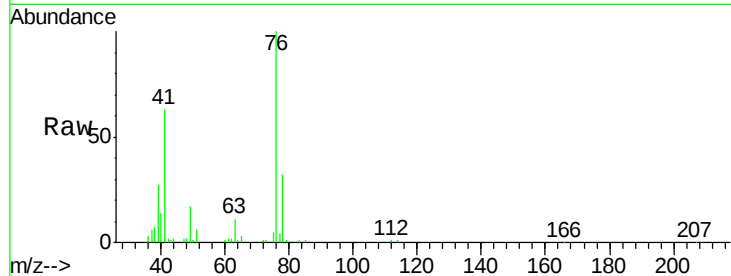




#57
 1,3-Dichloropropane
 Concen: 21.673 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065757.D
 Acq: 26 May 2020 13:01

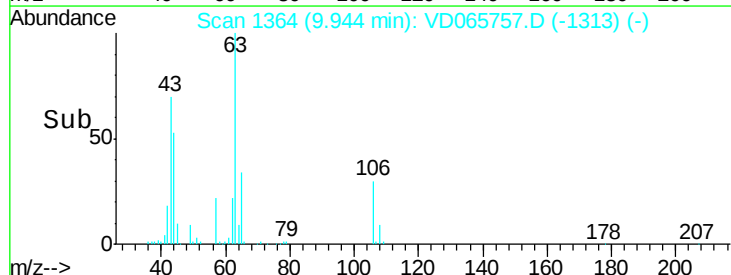
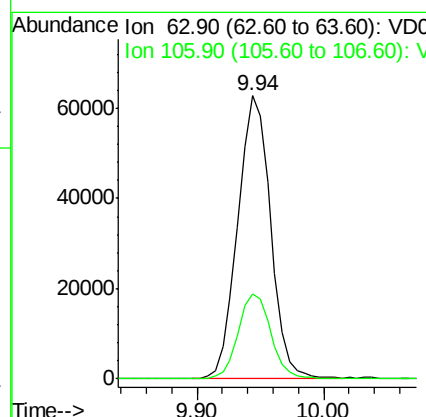
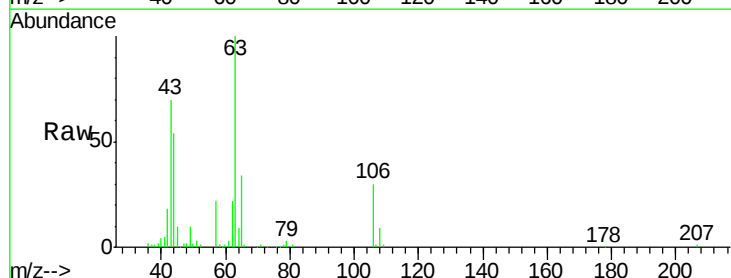
Instrument :
 MSVOA_D
 ClientSampleId :

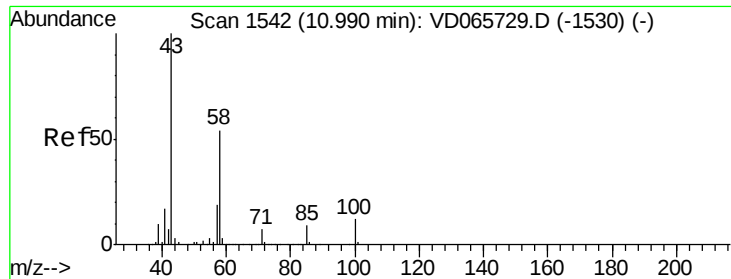
Tot Ion: 76 Resp: 71742
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.911 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065757.D
 Acq: 26 May 2020 13:01

Tgt Ion: 63 Resp: 112990
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.5 35.3

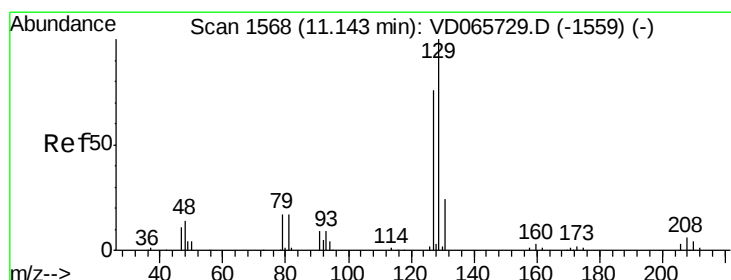
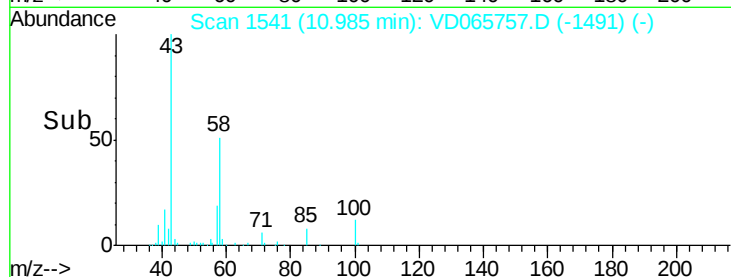
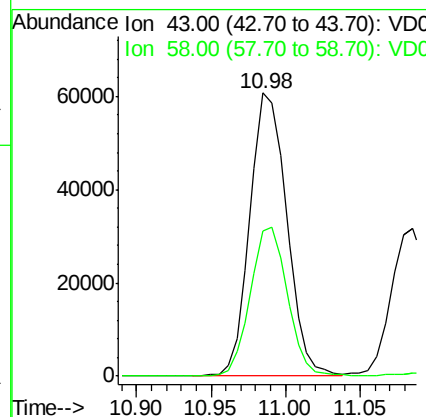
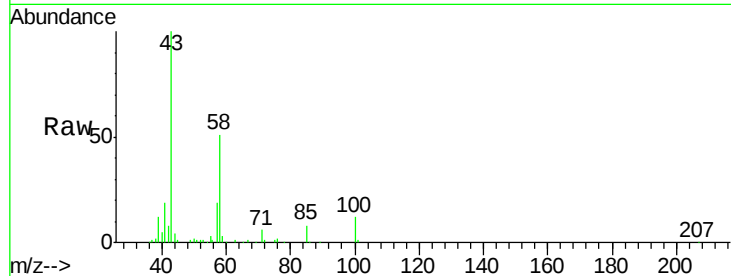




#59
2-Hexanone
Concen: 98.606 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

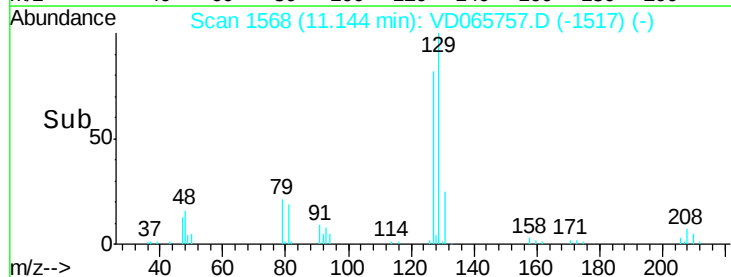
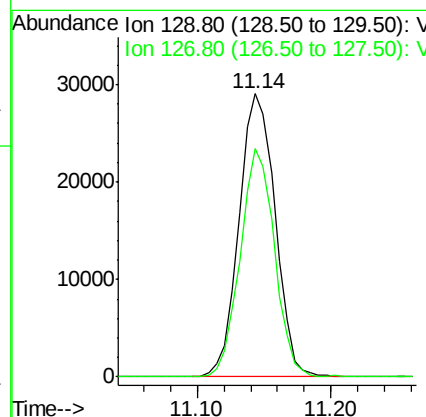
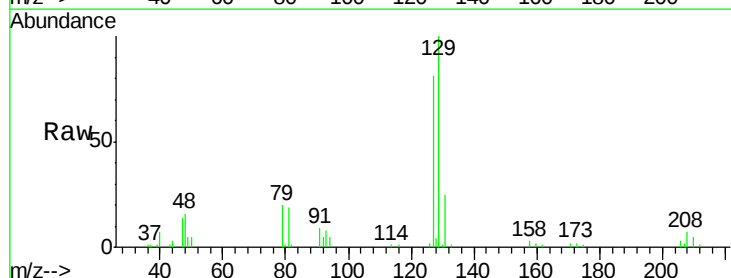
Instrument :
MSVOA_D
ClientSampled :

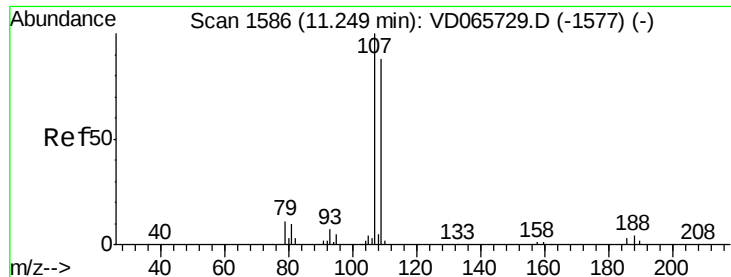
Tot Ion: 43 Resp: 104268
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.1



#60
Dibromochloromethane
Concen: 21.359 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion: 129 Resp: 54435
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.9





#61

1,2-Dibromoethane

Concen: 21.404 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

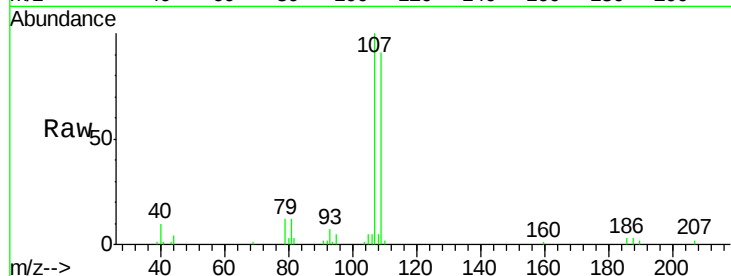
ClientSampled :

Tot Ion:107 Resp: 40684

Ion Ratio Lower Upper

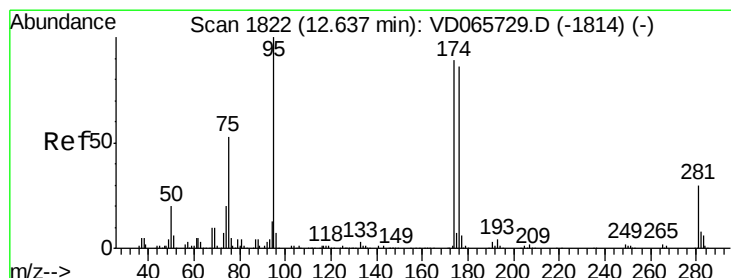
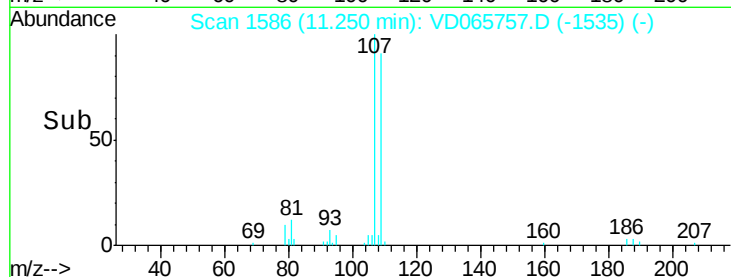
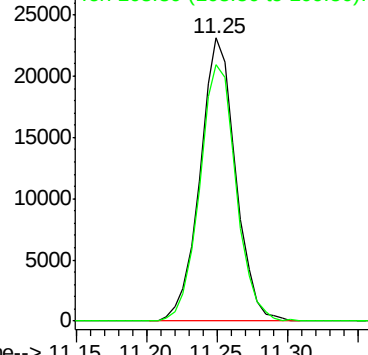
107 100

109 92.8 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.233 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

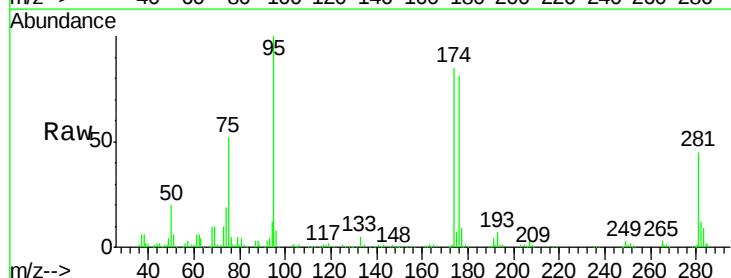
Tgt Ion: 95 Resp: 161455

Ion Ratio Lower Upper

95 100

174 86.1 0.0 179.4

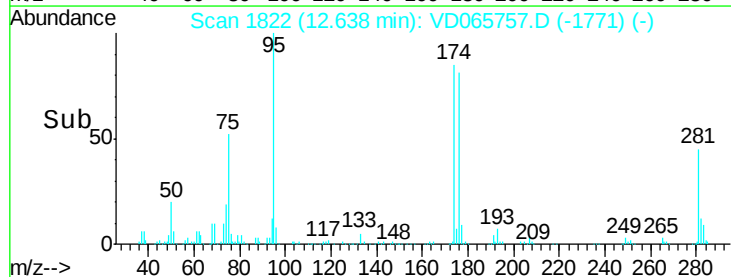
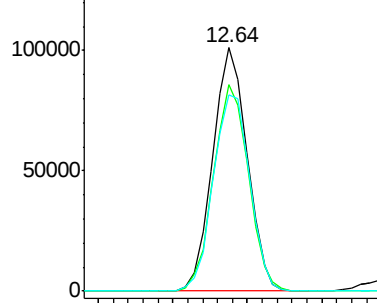
176 85.6 0.0 174.0

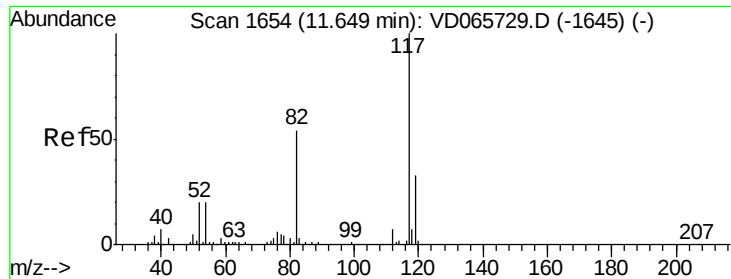


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

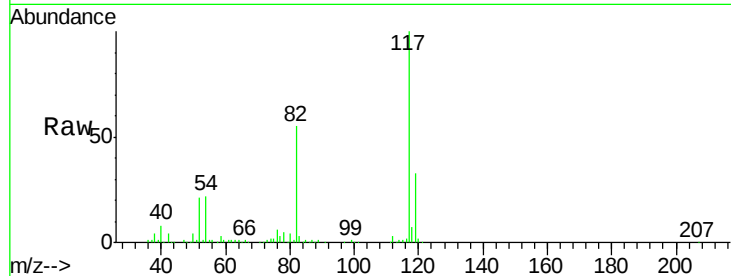




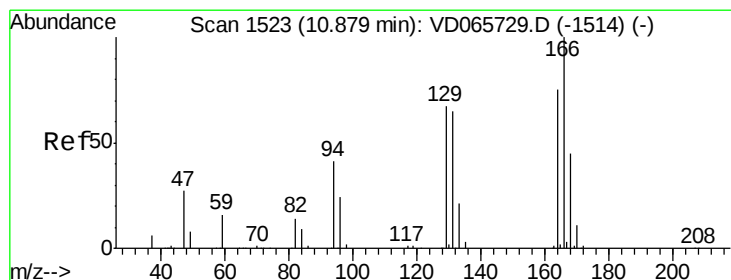
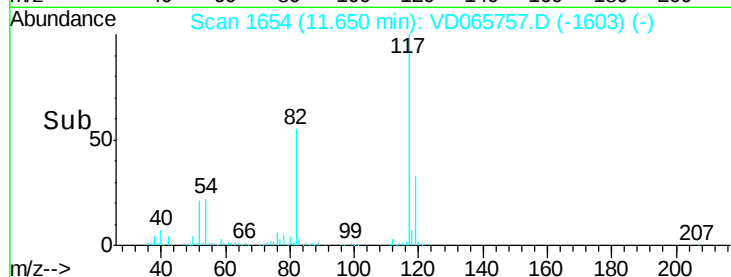
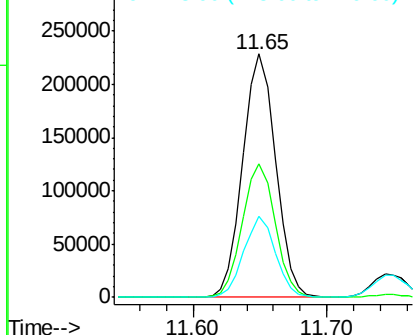
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 391144
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.6
119 33.2 26.6 40.0

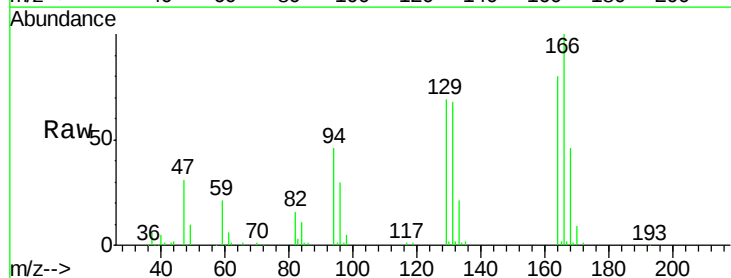


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

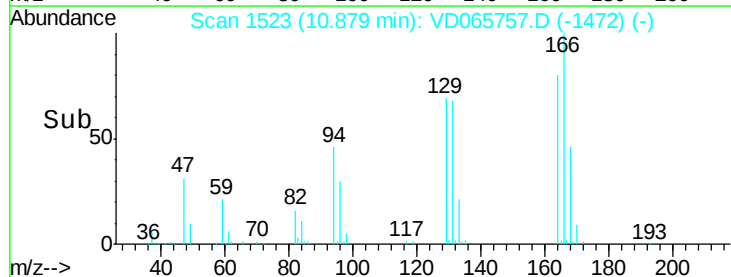
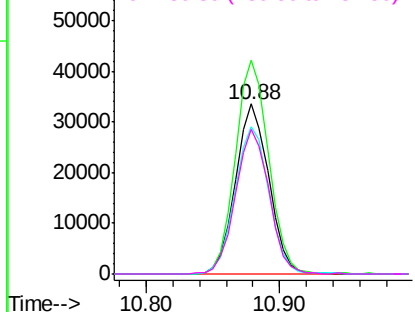


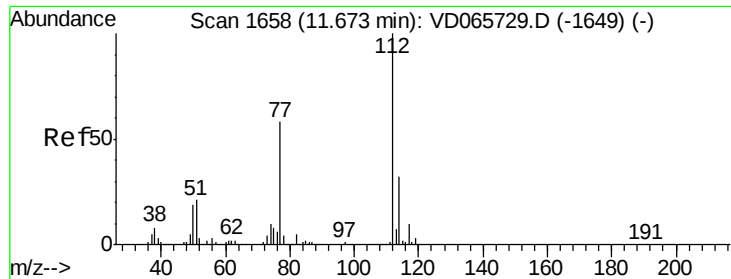
#64
Tetrachloroethene
Concen: 21.447 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion:164 Resp: 58008
Ion Ratio Lower Upper
164 100
166 125.6 106.6 159.8
129 86.9 71.4 107.2
131 85.0 69.4 104.0



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

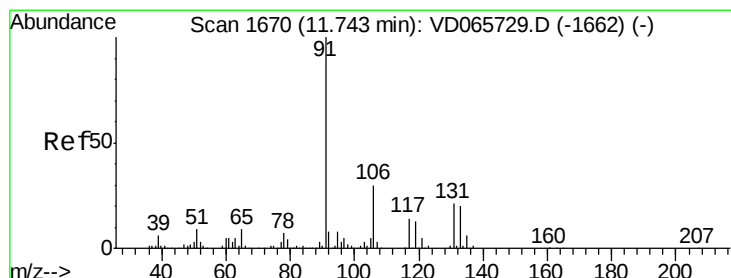
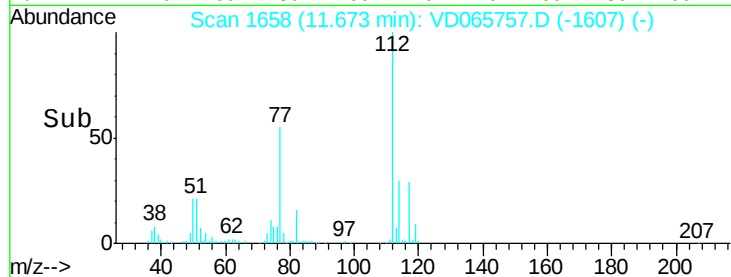
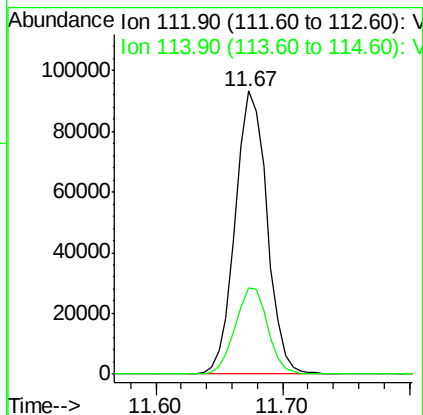
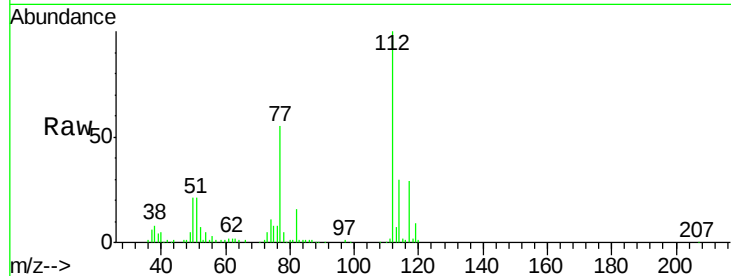




#65
Chlorobenzene
Concen: 21.995 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

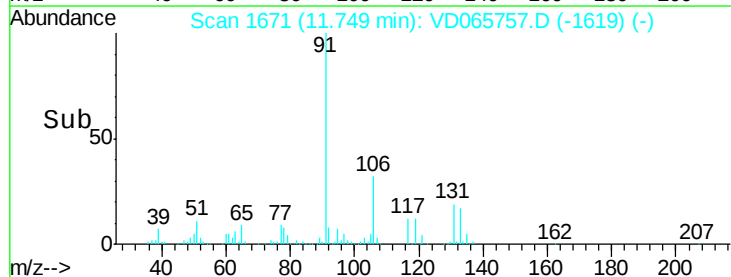
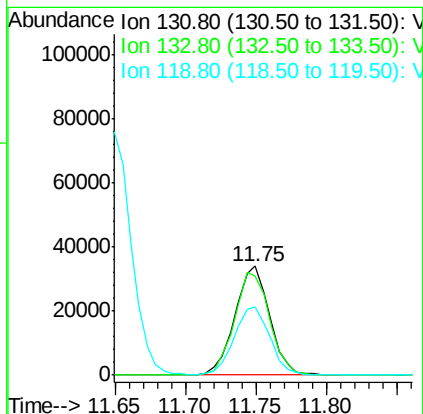
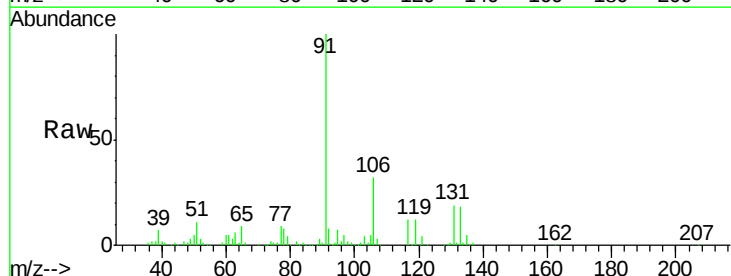
Instrument :
MSVOA_D
ClientSampleId :

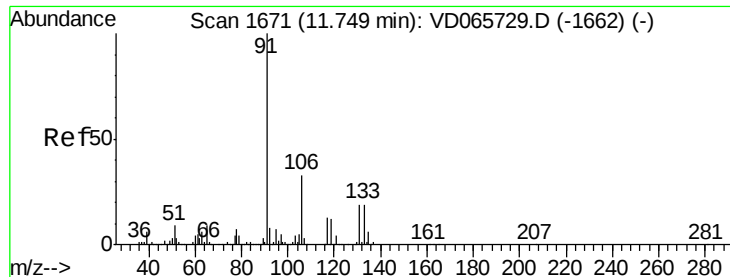
Tot Ion:112 Resp: 162122
Ion Ratio Lower Upper
112 100
114 30.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.036 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion:131 Resp: 58049
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.8
119 64.5 31.6 95.0





#67

Ethyl Benzene

Concen: 22.158 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

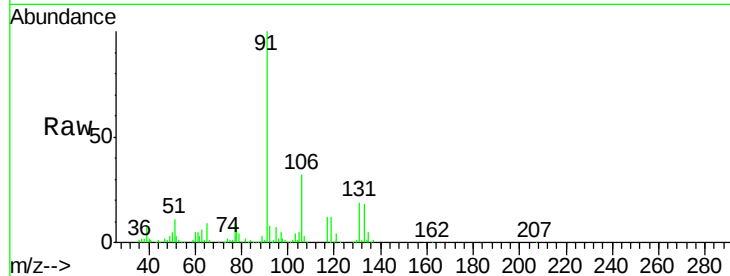
ClientSampleId :

Tot Ion: 91 Resp: 291211

Ion Ratio Lower Upper

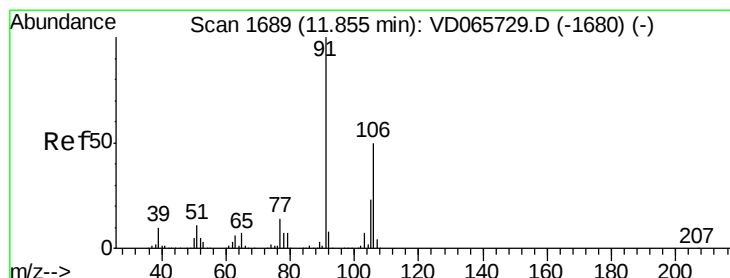
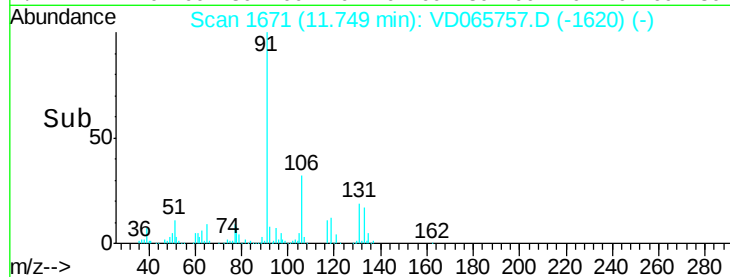
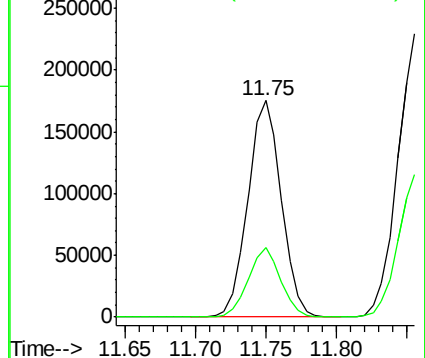
91 100

106 32.0 26.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 44.329 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065757.D

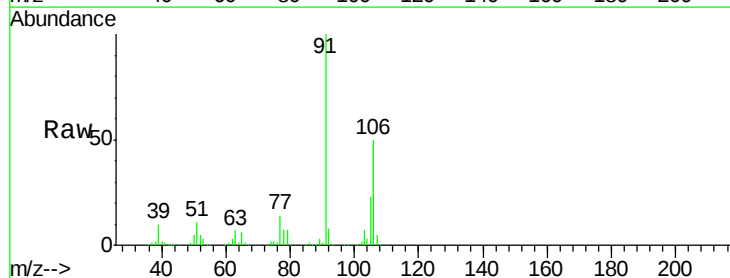
Acq: 26 May 2020 13:01

Tgt Ion:106 Resp: 222514

Ion Ratio Lower Upper

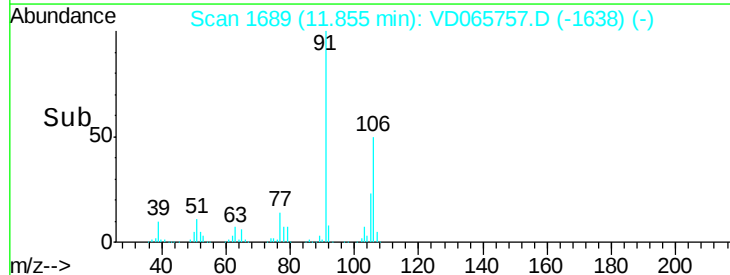
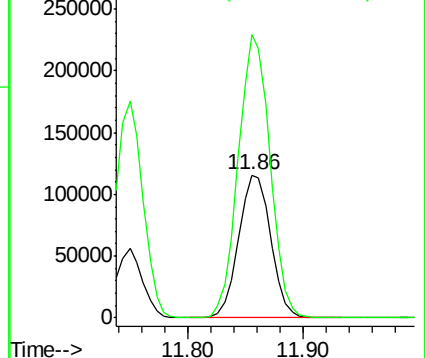
106 100

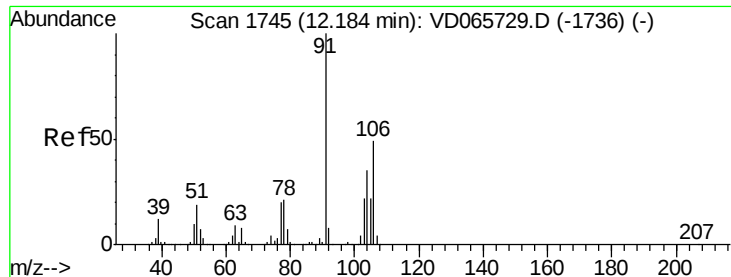
91 196.6 158.7 238.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

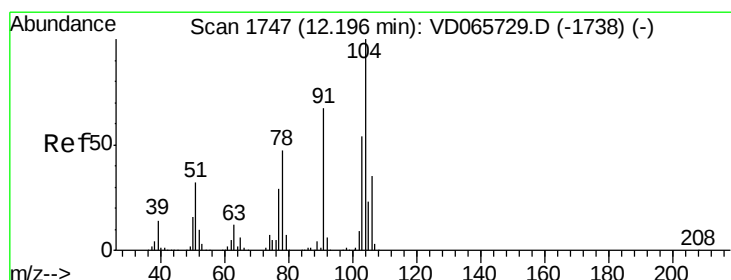
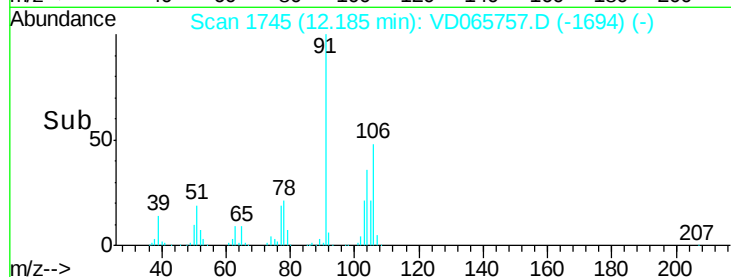
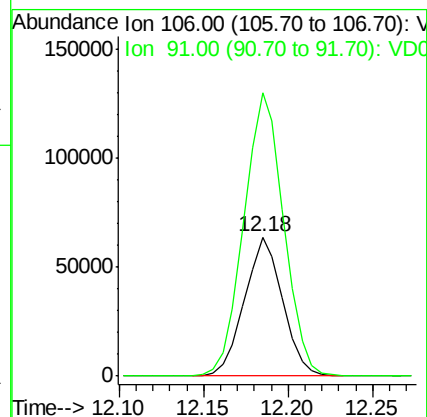
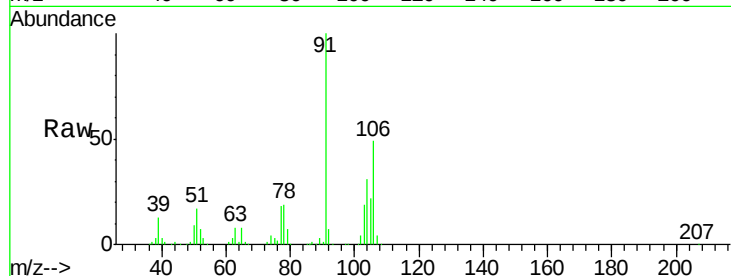




#69
o-Xylene
Concen: 21.494 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

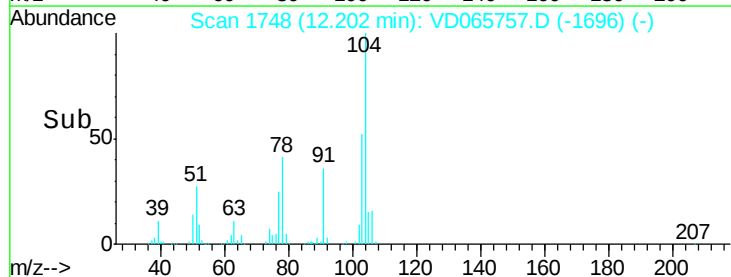
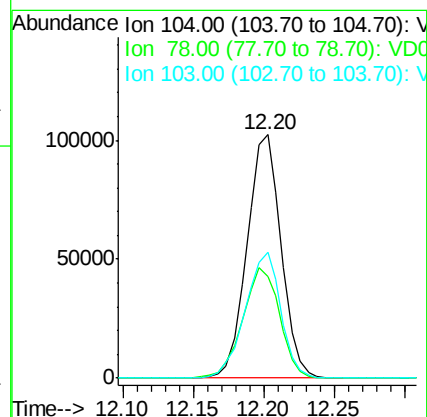
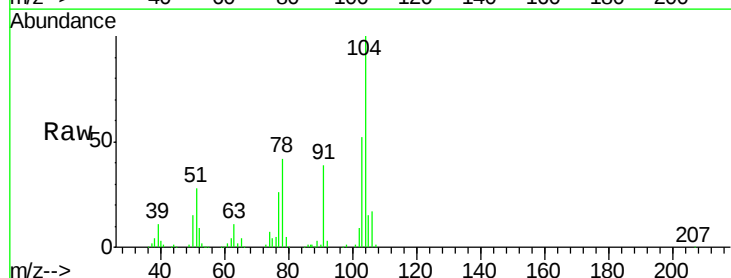
Instrument :
MSVOA_D
ClientSampled :

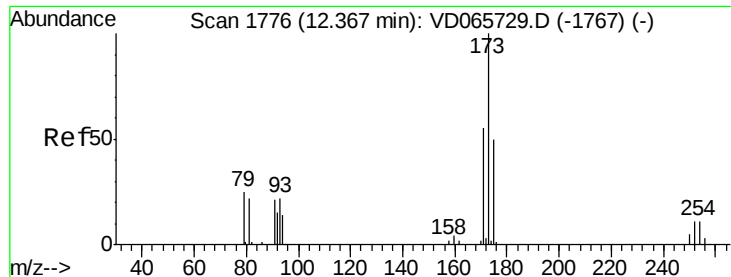
Tot Ion:106 Resp: 100435
Ion Ratio Lower Upper
106 100
91 211.9 101.8 305.4



#70
Styrene
Concen: 21.748 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion:104 Resp: 173427
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.6
103 53.9 44.0 66.0





#71

Bromoform

Concen: 20.003 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

ClientSampleId :

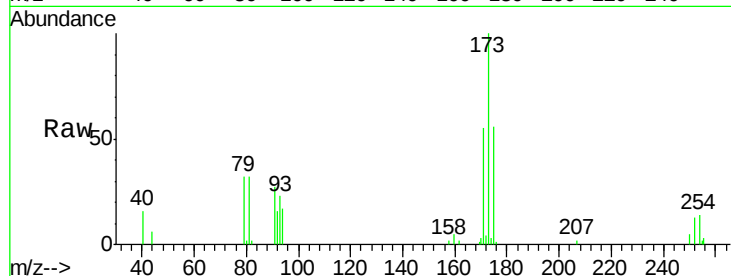
Tot Ion:173 Resp: 30466

Ion Ratio Lower Upper

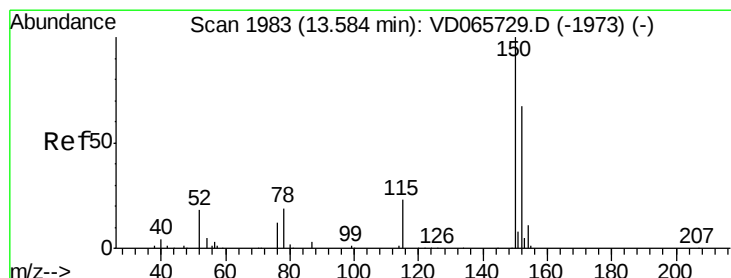
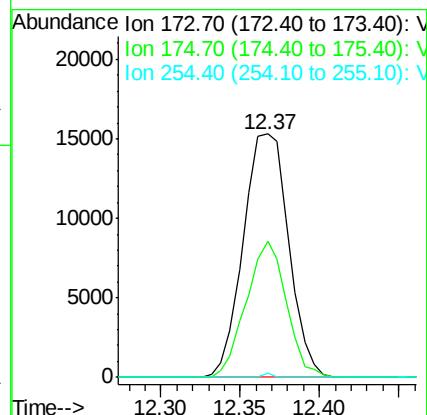
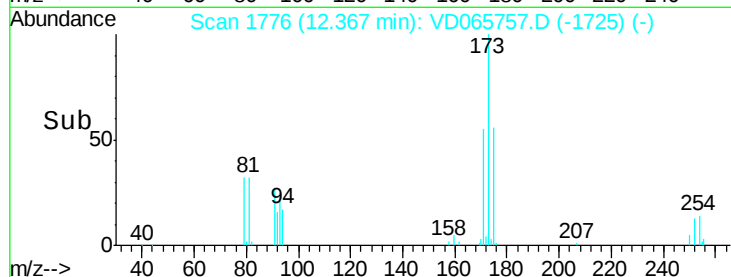
173 100

175 49.4 24.6 73.6

254 0.3 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

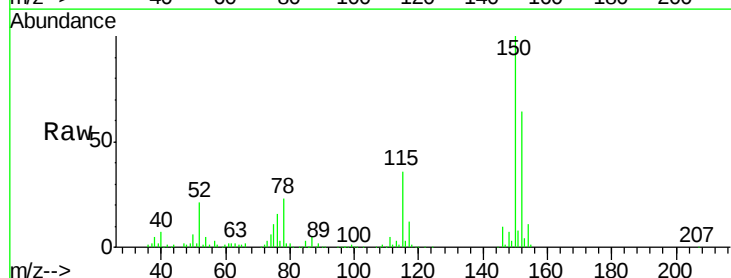
Tgt Ion:152 Resp: 194469

Ion Ratio Lower Upper

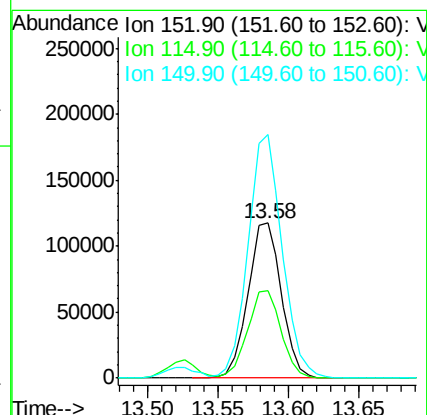
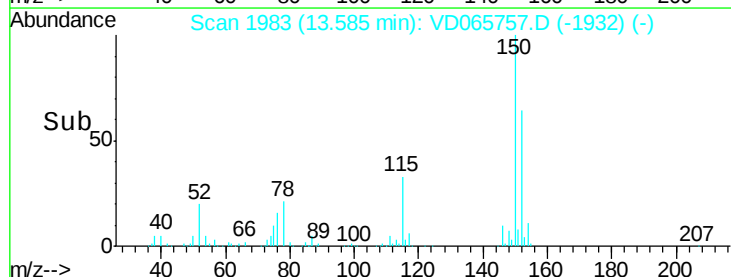
152 100

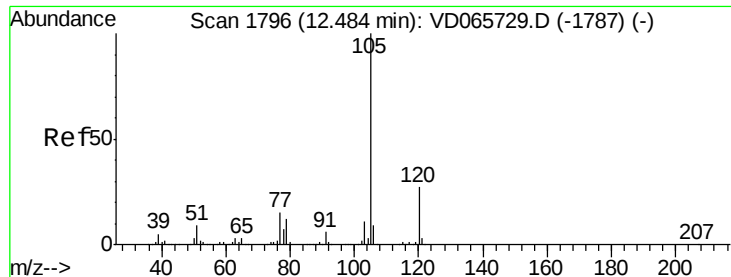
115 56.6 28.1 84.3

150 160.9 0.0 343.2



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: 21.597 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

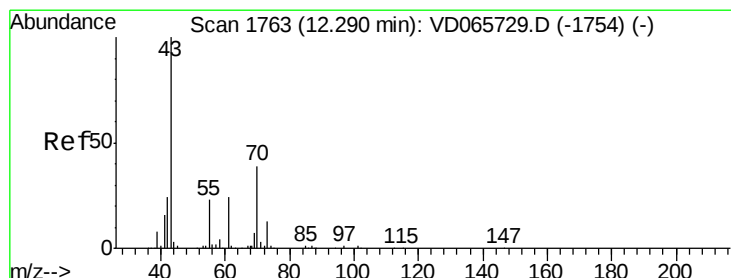
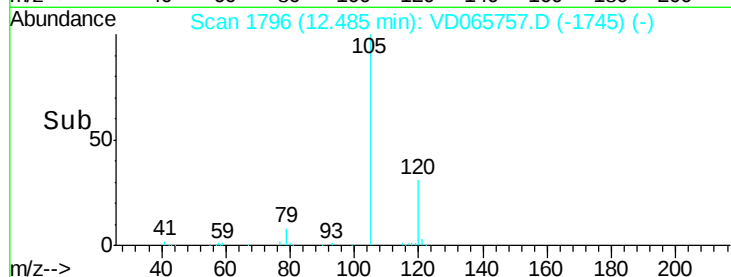
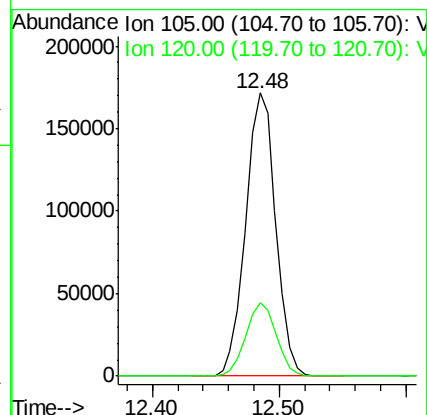
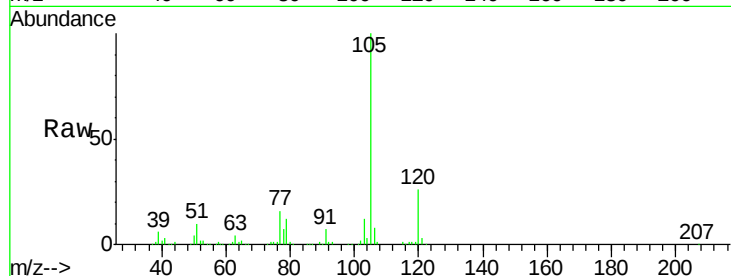
ClientSampled :

Tot Ion:105 Resp: 281967

Ion Ratio Lower Upper

105 100

120 26.2 13.7 41.0



#74

N-ethyl acetate

Concen: 19.483 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Tgt Ion: 43 Resp: 59056

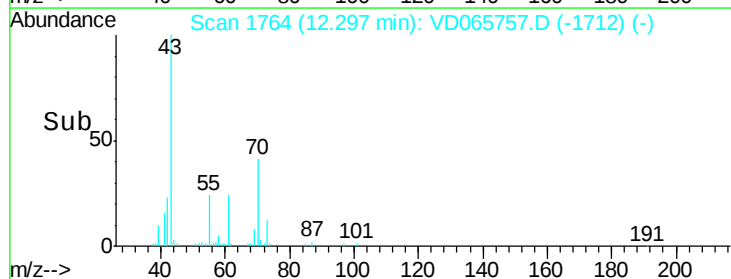
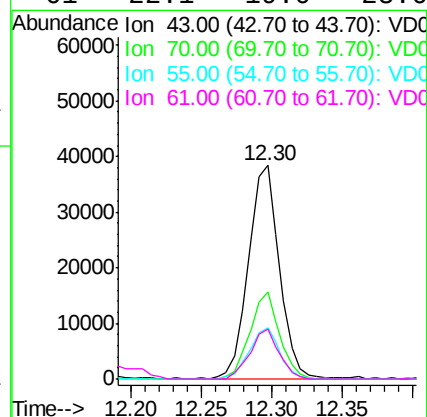
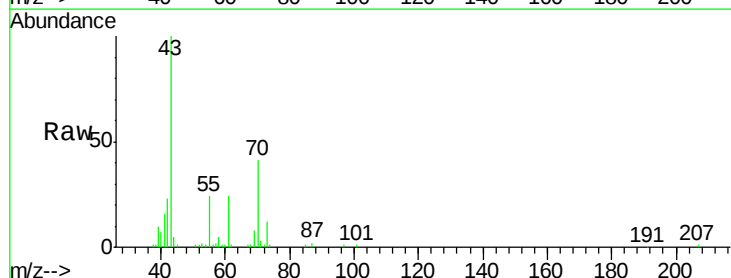
Ion Ratio Lower Upper

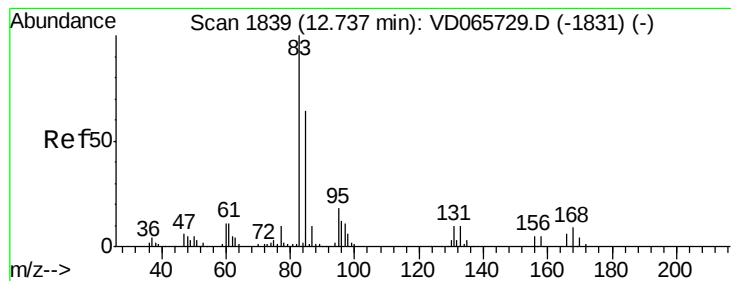
43 100

70 38.9 31.8 47.6

55 23.5 17.9 26.9

61 22.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.143 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

ClientSampleId :

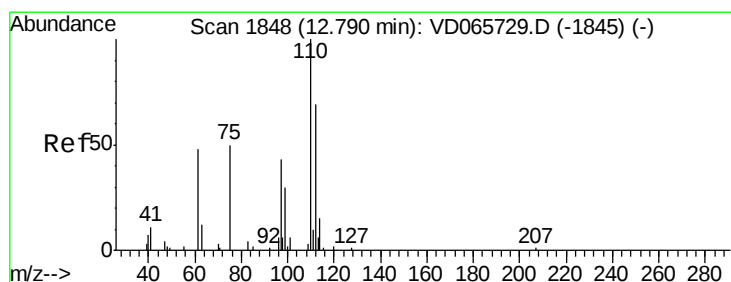
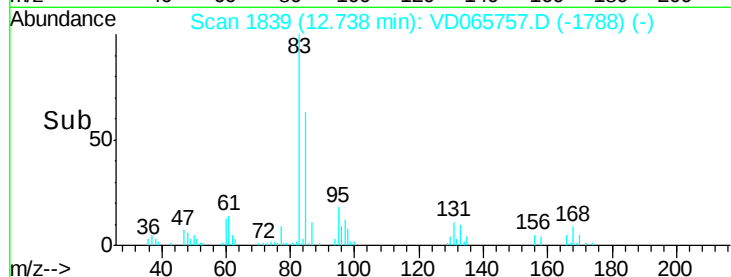
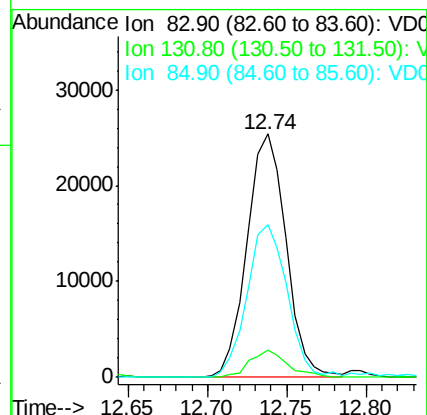
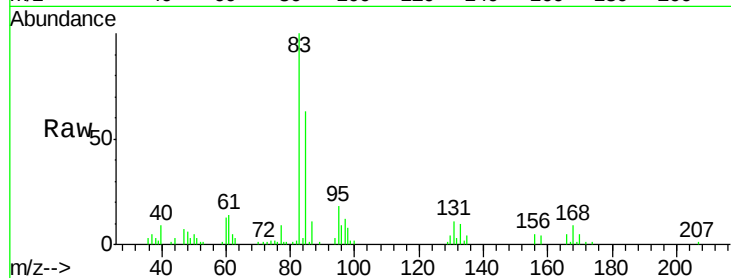
Tot Ion: 83 Resp: 43688

Ion Ratio Lower Upper

83 100

131 10.5 5.9 17.6

85 64.4 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 38.746 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065757.D

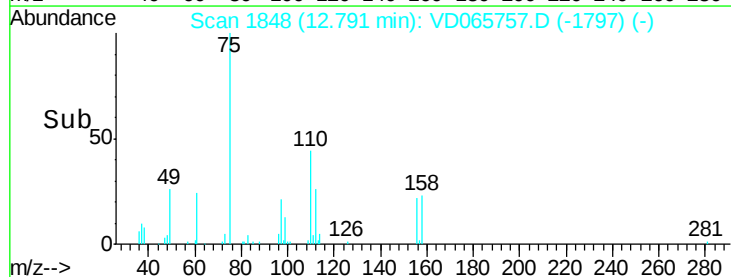
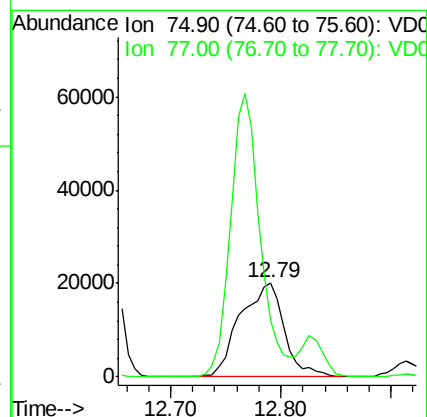
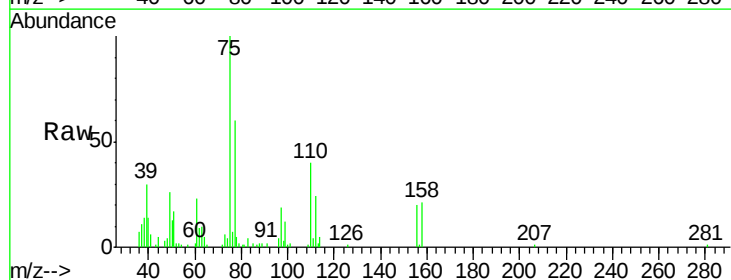
Acq: 26 May 2020 13:01

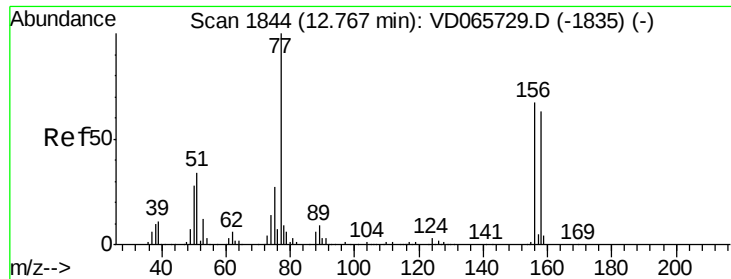
Tgt Ion: 75 Resp: 56234

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.857 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

ClientSampleId :

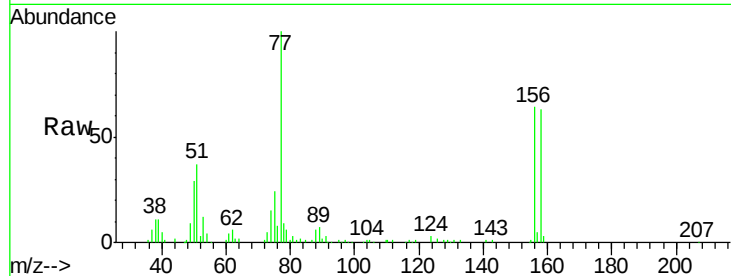
Tot Ion:156 Resp: 65635

Ion Ratio Lower Upper

156 100

77 174.3 84.9 254.6

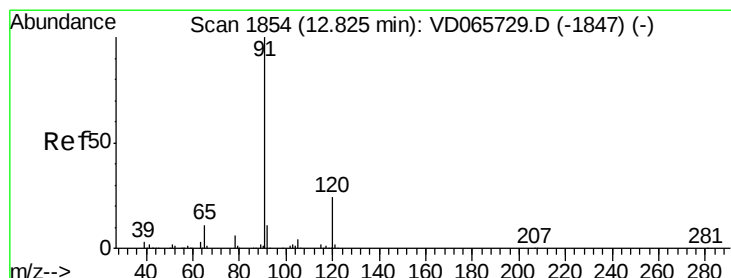
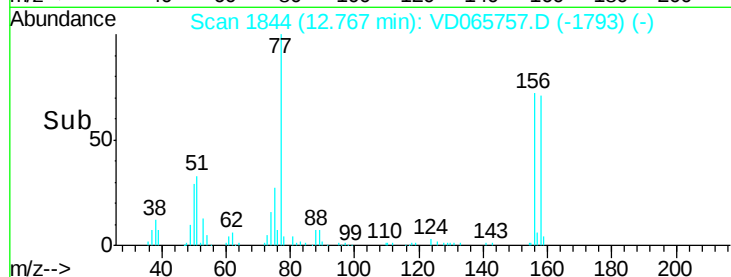
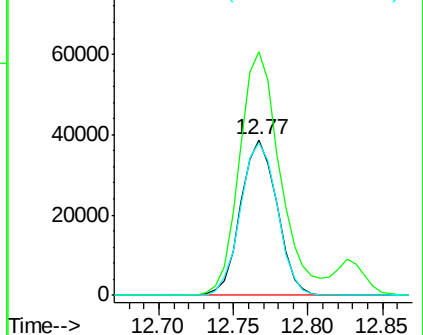
158 99.4 48.8 146.4



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: 21.802 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065757.D

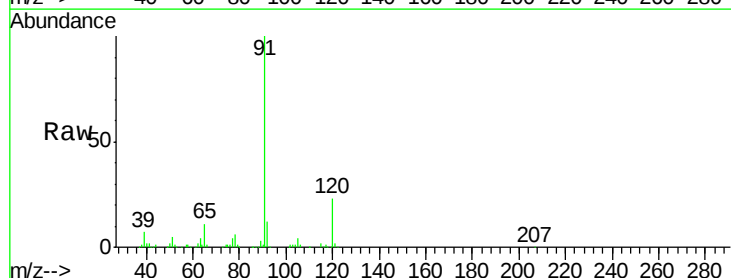
Acq: 26 May 2020 13:01

Tgt Ion: 91 Resp: 332490

Ion Ratio Lower Upper

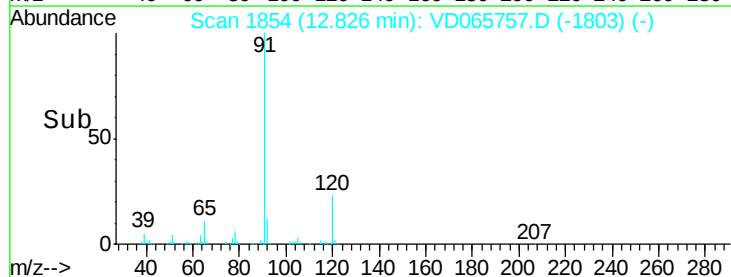
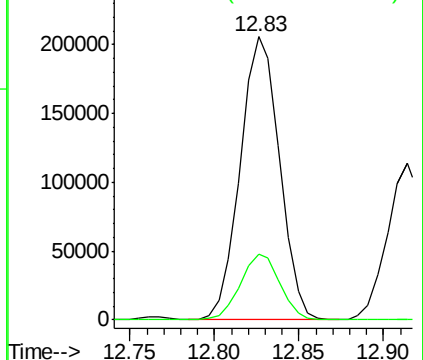
91 100

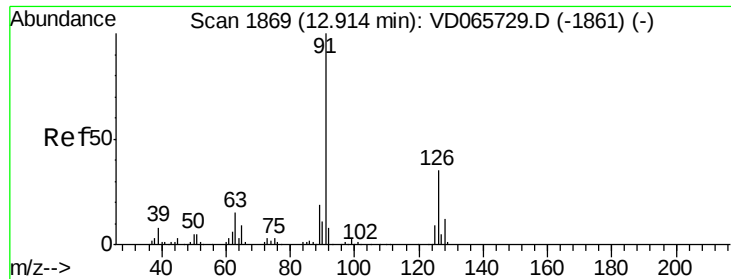
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

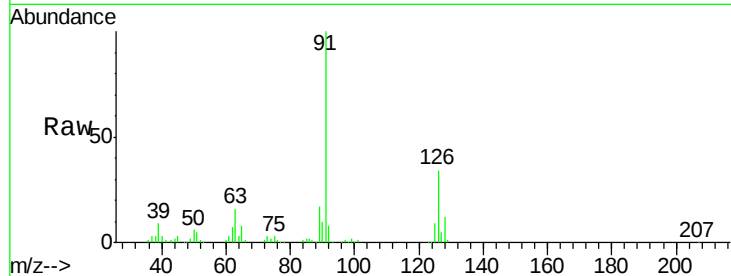




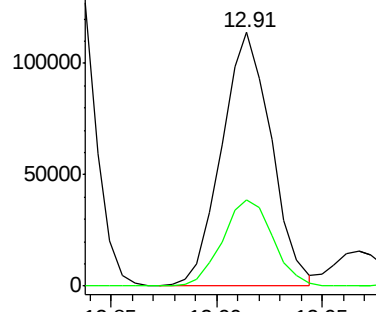
#79
 2-Chlorotoluene
 Concen: 22.031 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065757.D
 Acq: 26 May 2020 13:01

Instrument :
 MSVOA_D
 ClientSampled :

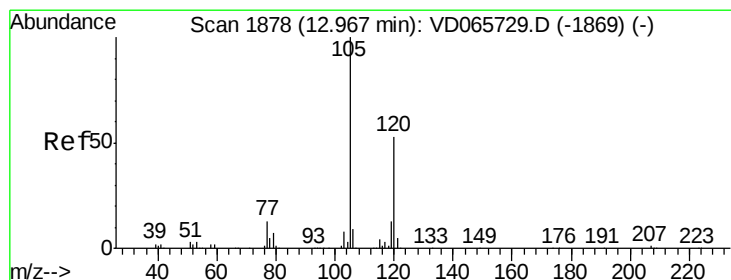
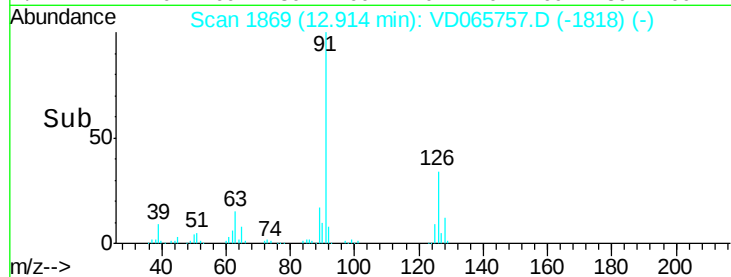
Tot Ion: 91 Resp: 185902
 Ion Ratio Lower Upper
 91 100
 126 34.7 18.1 54.1



Abundance Ion 91.00 (90.70 to 91.70): VD065729.D (-1861) (-)
 Ion 125.90 (125.60 to 126.60): VD065729.D (-1861) (-)

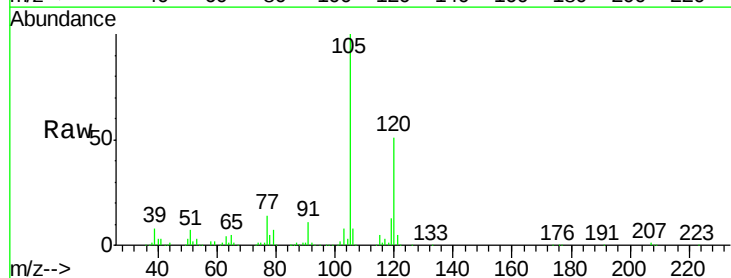


Time-->

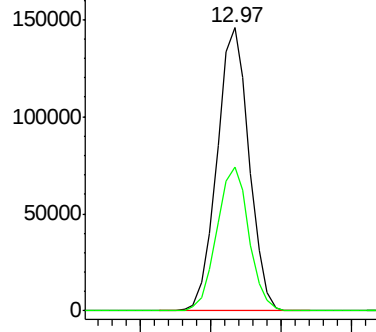


#80
 1,3,5-Trimethylbenzene
 Concen: 21.584 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065757.D
 Acq: 26 May 2020 13:01

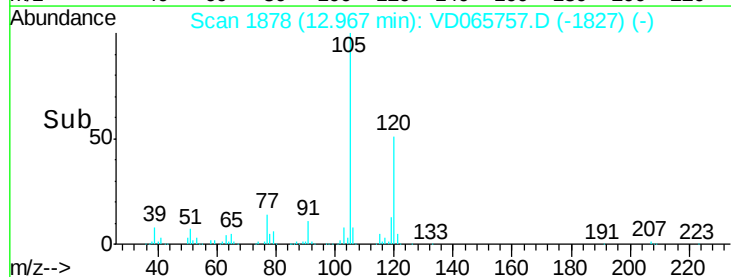
Tgt Ion: 105 Resp: 232183
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.7 77.0

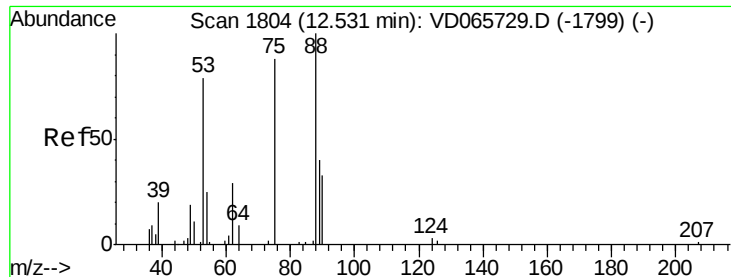


Abundance Ion 105.00 (104.70 to 105.70): VD065729.D (-1869) (-)
 Ion 120.00 (119.70 to 120.70): VD065729.D (-1869) (-)



Time-->

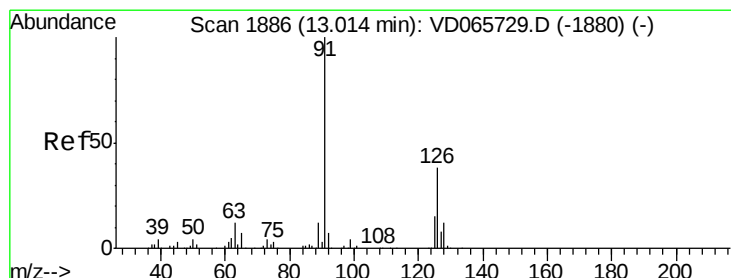
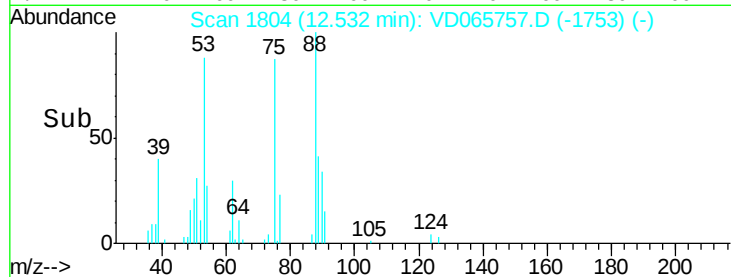
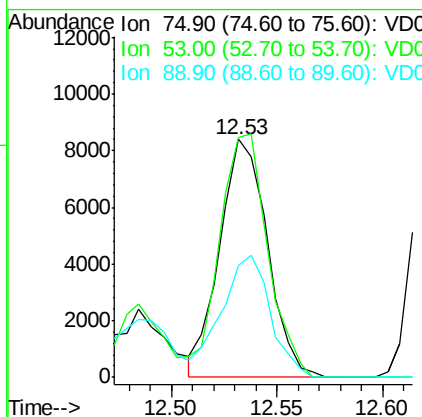
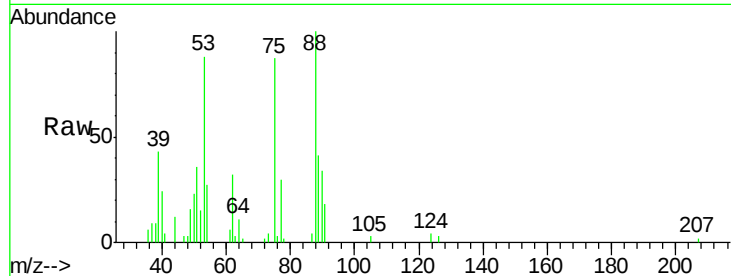




#81
trans-1,4-Dichloro-2-butene
Concen: 17.805 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

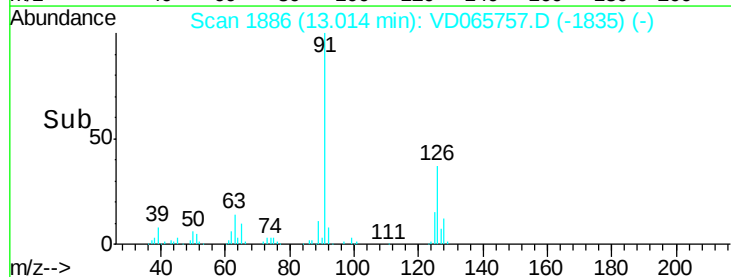
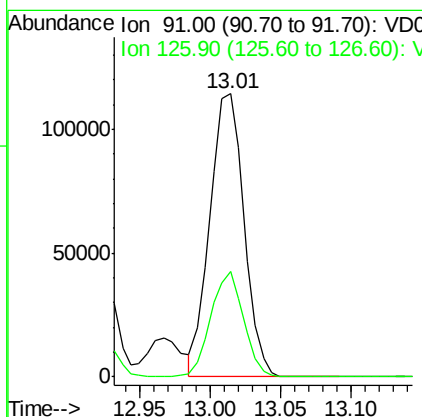
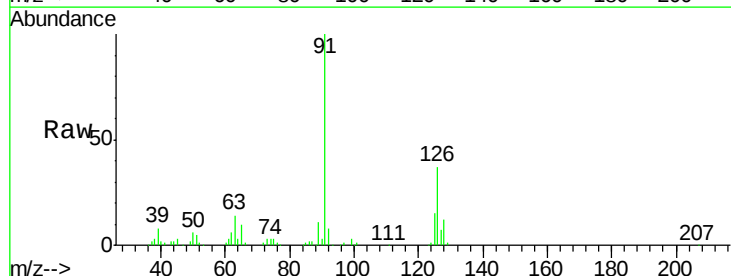
Instrument :
MSVOA_D
ClientSampled :

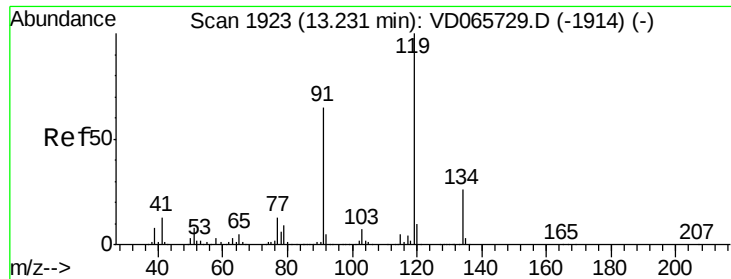
Tot Ion: 75 Resp: 13172
Ion Ratio Lower Upper
75 100
53 103.9 72.6 109.0
89 52.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.586 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion: 91 Resp: 192038
Ion Ratio Lower Upper
91 100
126 35.7 17.8 53.3

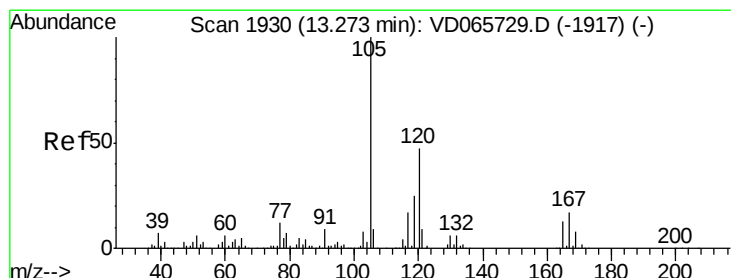
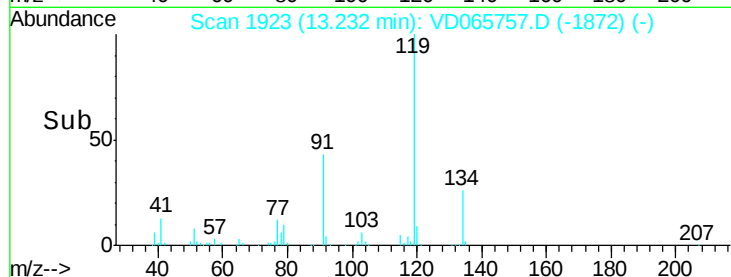
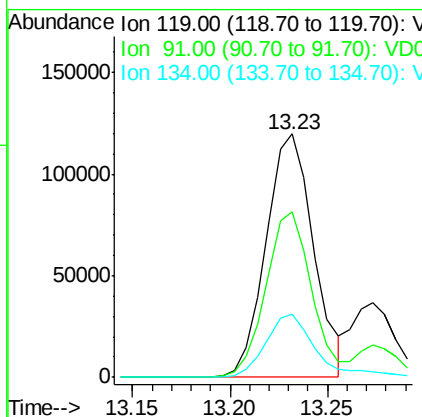
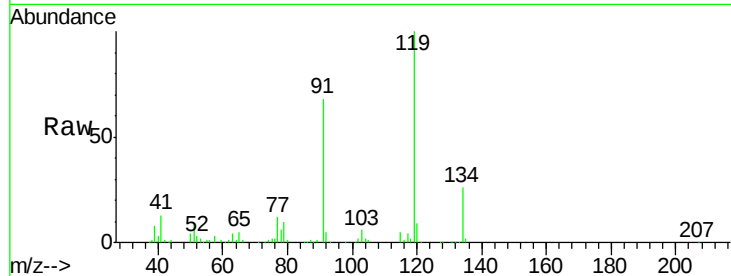




#83
tert-Butylbenzene
Concen: 21.206 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

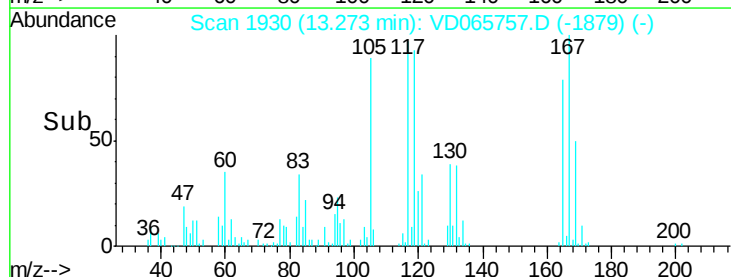
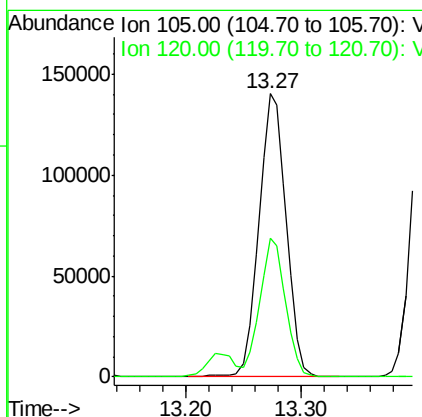
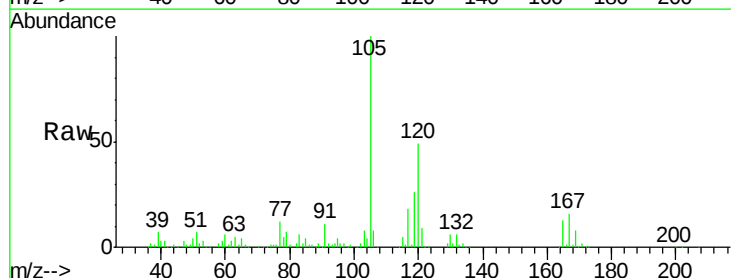
Instrument :
MSVOA_D
ClientSampleId :

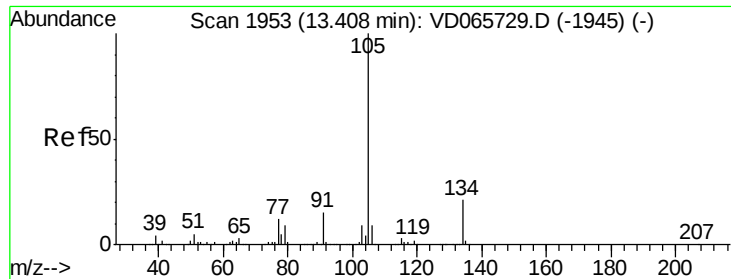
Tot Ion:119 Resp: 202281
Ion Ratio Lower Upper
119 100
91 66.3 31.6 95.0
134 27.5 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 21.722 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion:105 Resp: 230446
Ion Ratio Lower Upper
105 100
120 46.1 23.6 70.8

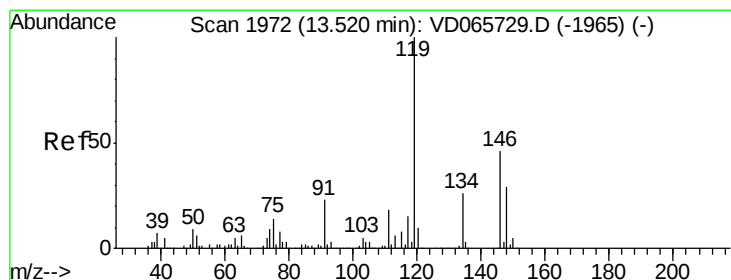
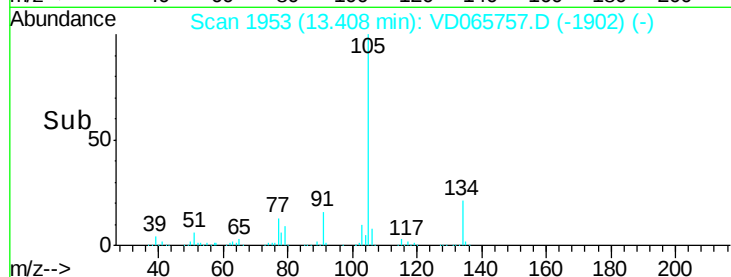
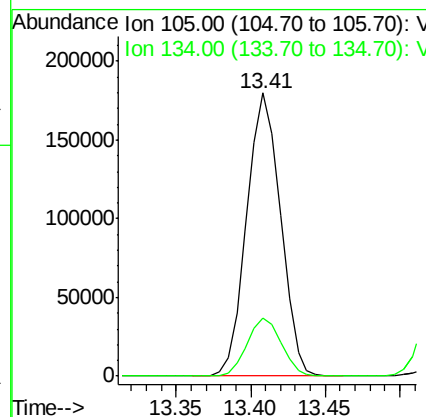
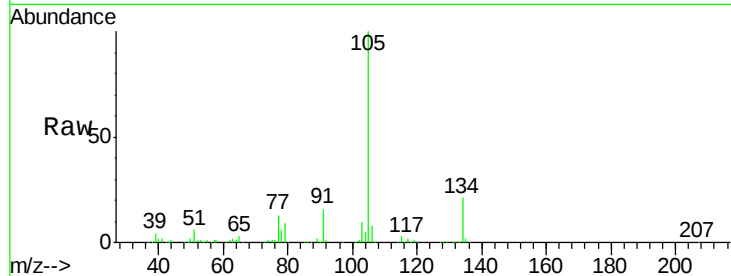




#85
 sec-Butylbenzene
 Concen: 21.776 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065757.D
 Acq: 26 May 2020 13:01

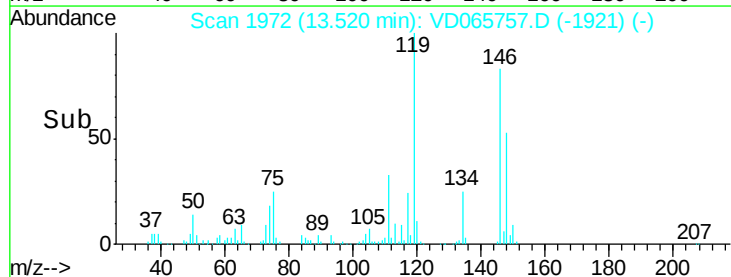
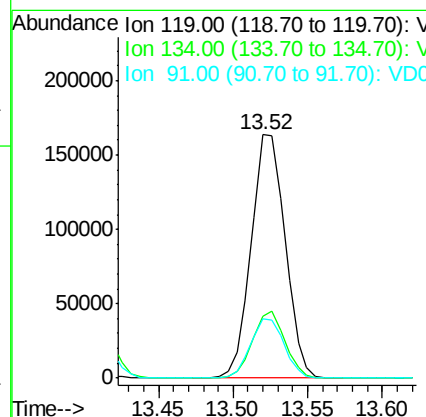
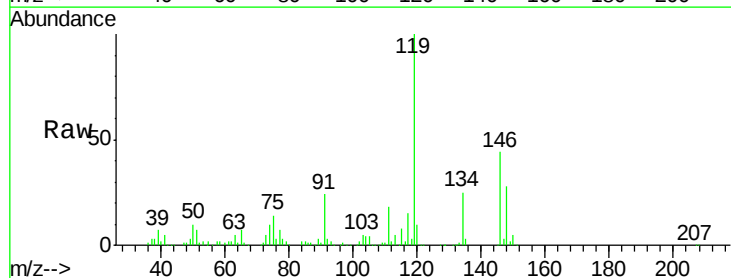
Instrument :
 MSVOA_D
 ClientSampleId :

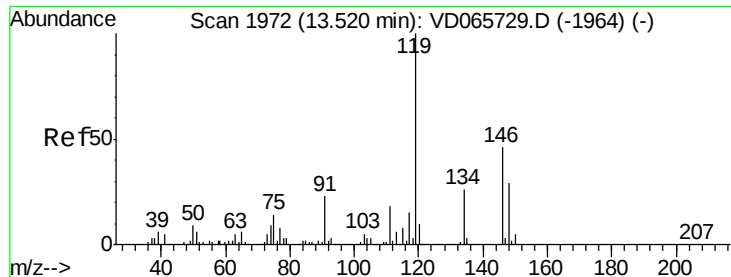
Tot Ion:105 Resp: 282650
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 21.517 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065757.D
 Acq: 26 May 2020 13:01

Tgt Ion:119 Resp: 256705
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.6 40.7
 91 24.1 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 20.939 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

ClientSampleId :

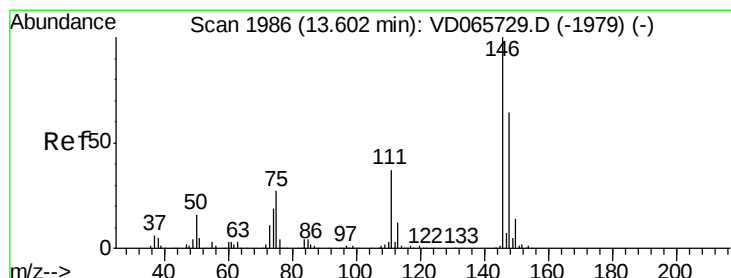
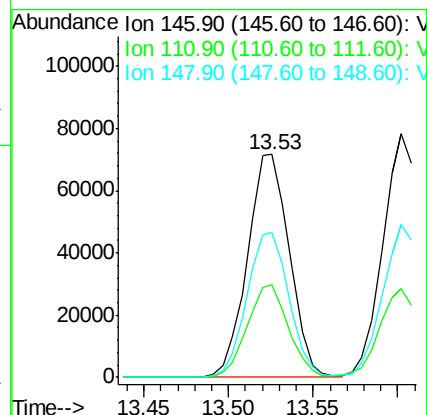
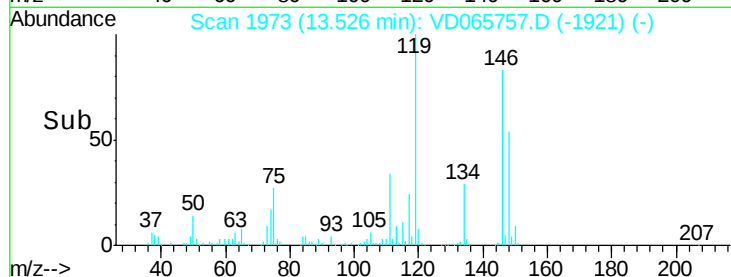
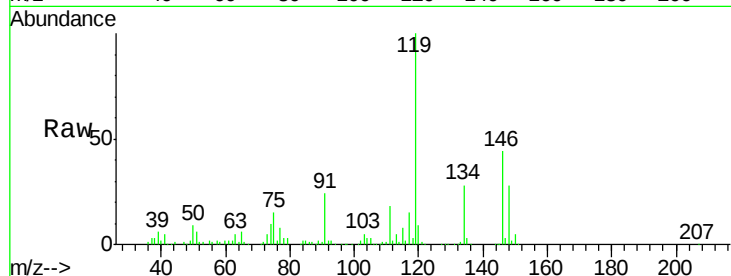
Tot Ion:146 Resp: 123584

Ion Ratio Lower Upper

146 100

111 40.9 18.9 56.9

148 65.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.447 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

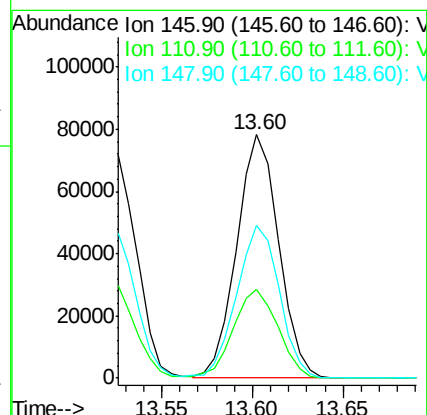
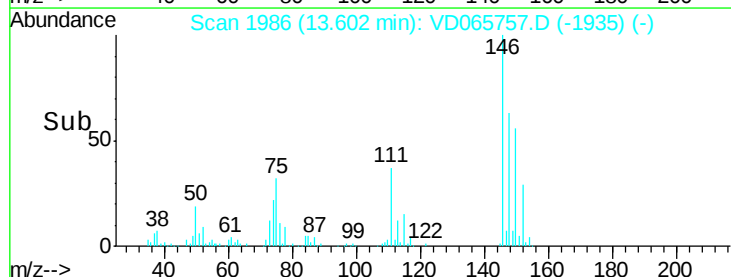
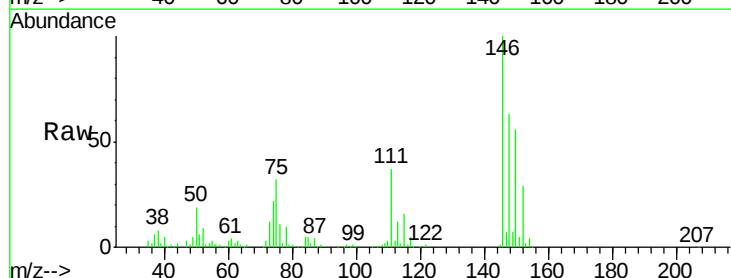
Tgt Ion:146 Resp: 126083

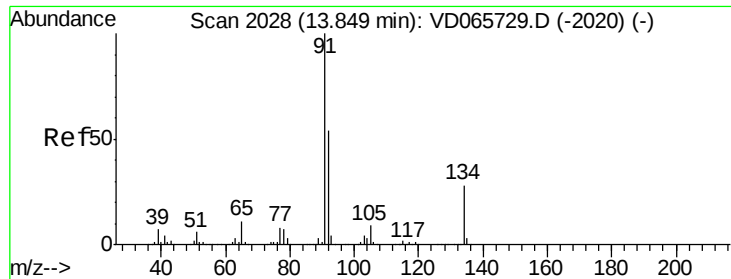
Ion Ratio Lower Upper

146 100

111 39.0 18.4 55.2

148 64.2 31.6 94.7

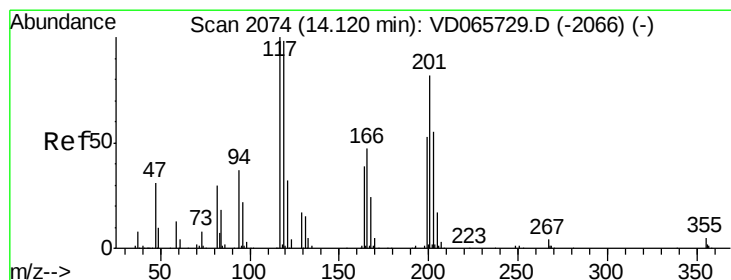
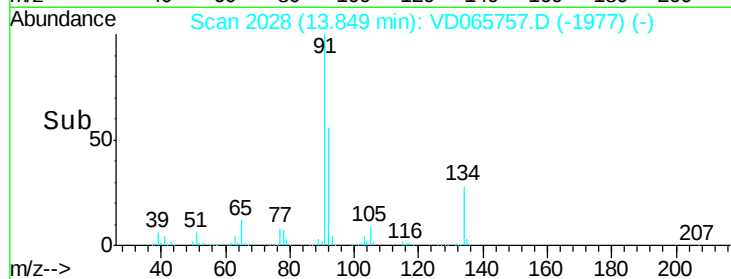
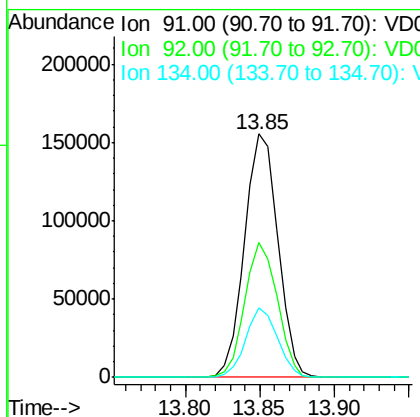
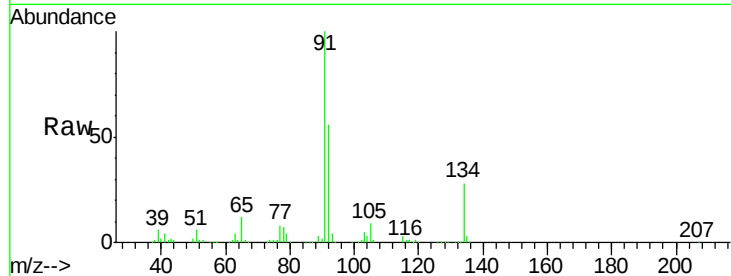




#89
n-Butylbenzene
Concen: 21.597 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

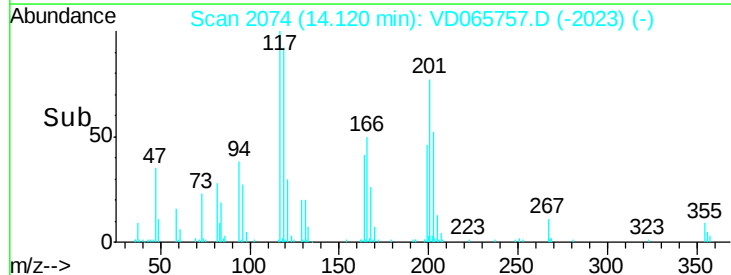
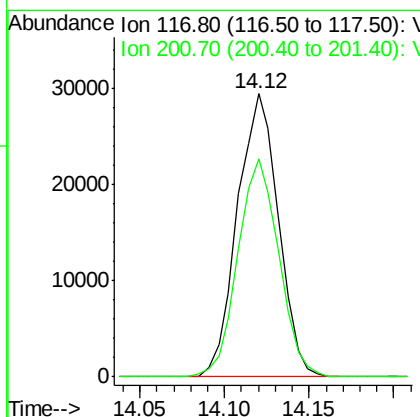
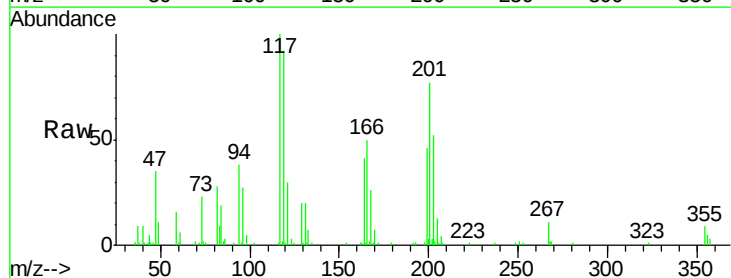
Instrument :
MSVOA_D
ClientSampleId :

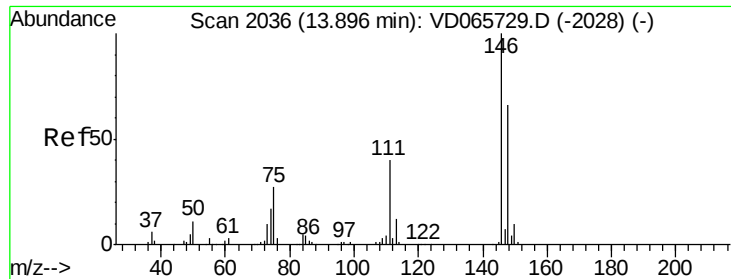
Tot Ion: 91 Resp: 240939
Ion Ratio Lower Upper
91 100
92 54.0 27.0 81.0
134 27.1 13.9 41.7



#90
Hexachloroethane
Concen: 21.231 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065757.D
Acq: 26 May 2020 13:01

Tgt Ion: 117 Resp: 49555
Ion Ratio Lower Upper
117 100
201 77.1 41.8 125.4





#91

1,2-Dichlorobenzene

Concen: 21.413 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

ClientSampleId :

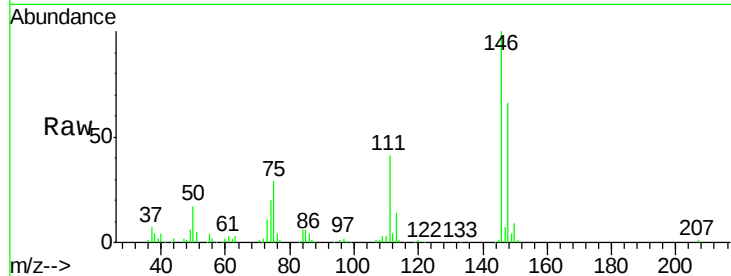
Tot Ion:146 Resp: 109317

Ion Ratio Lower Upper

146 100

111 40.3 20.0 60.0

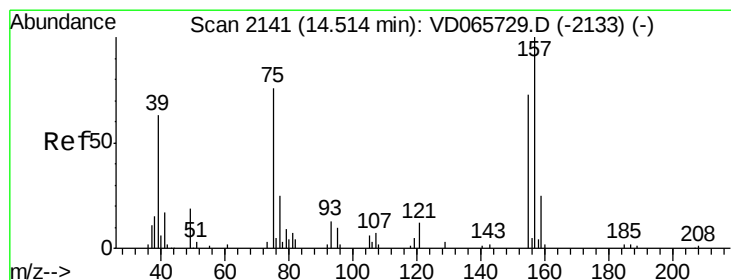
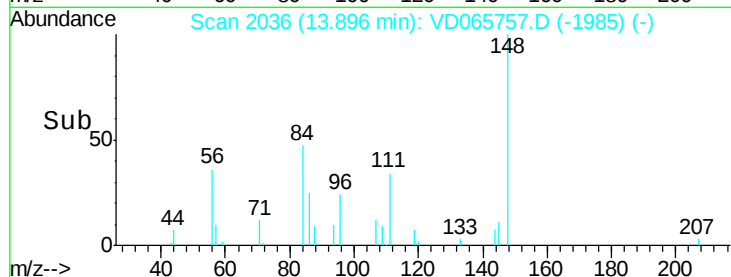
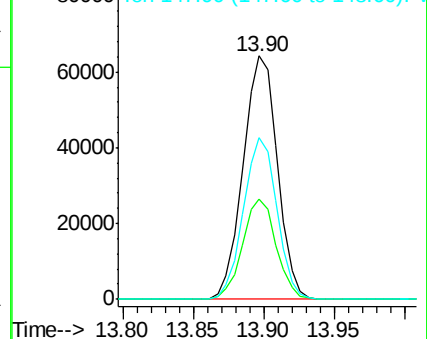
148 64.9 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.649 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

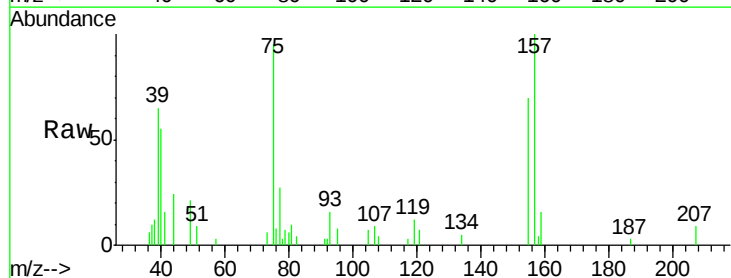
Tgt Ion: 75 Resp: 7135

Ion Ratio Lower Upper

75 100

155 83.1 48.4 145.0

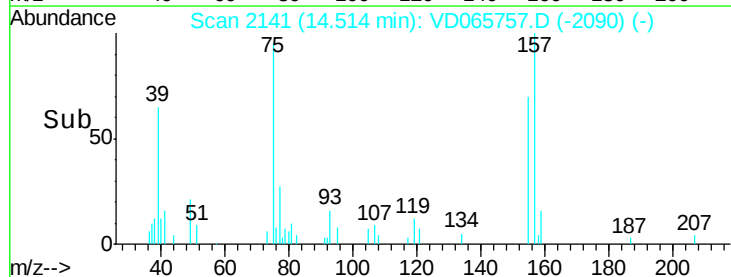
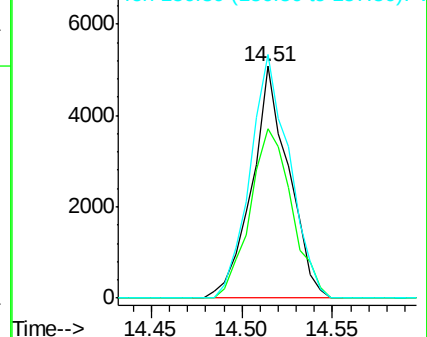
157 112.0 62.6 187.8

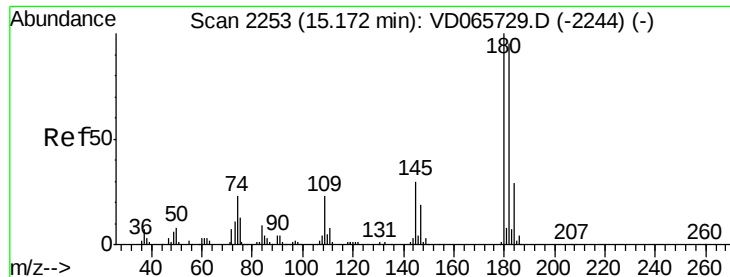


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

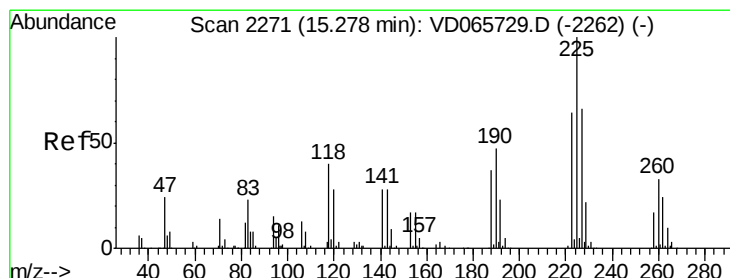
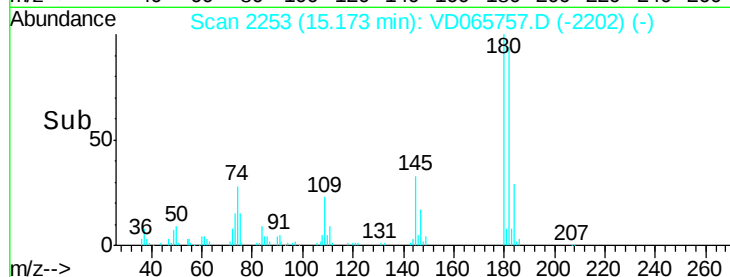
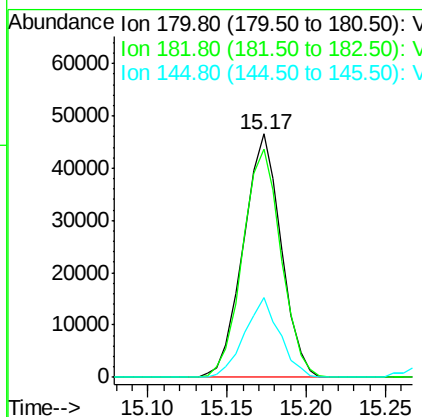
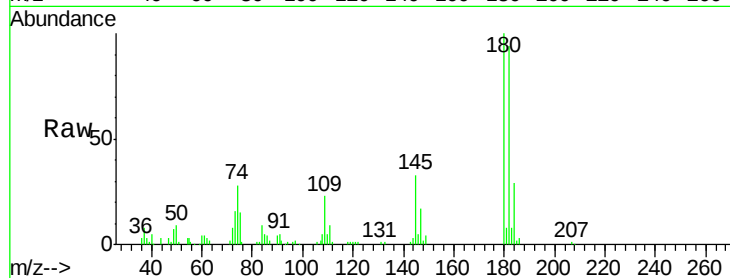




#93
 1,2,4-Trichlorobenzene
 Concen: 19.839 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065757.D
 Acq: 26 May 2020 13:01

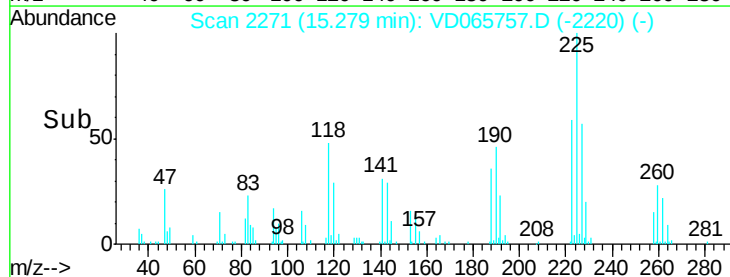
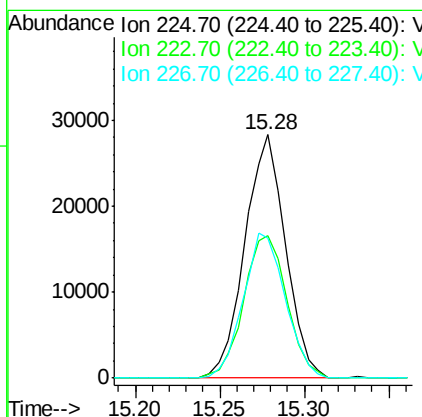
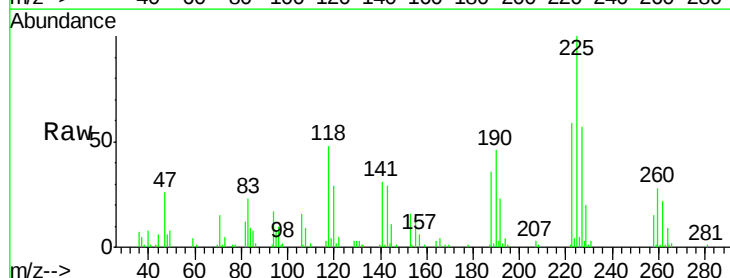
Instrument :
 MSVOA_D
 ClientSampleId :

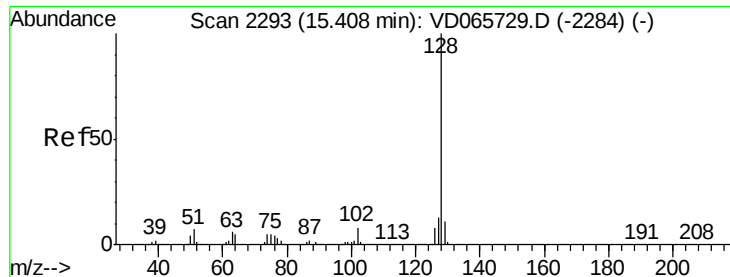
Tot Ion:180 Resp: 77047
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.0 141.0
 145 30.6 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 20.331 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065757.D
 Acq: 26 May 2020 13:01

Tgt Ion:225 Resp: 47338
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.2
 227 61.8 32.2 96.6





#95

Naphthalene

Concen: 18.633 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

Instrument :

MSVOA_D

ClientSampleId :

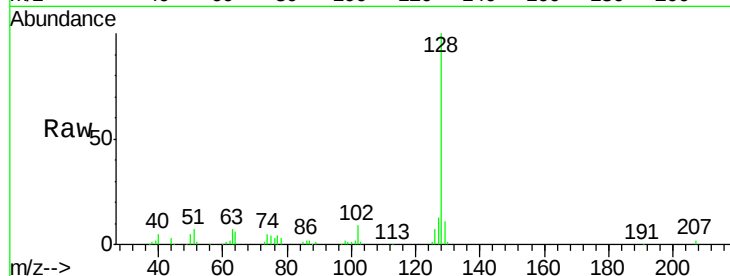
Tot Ion:128 Resp: 120359

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

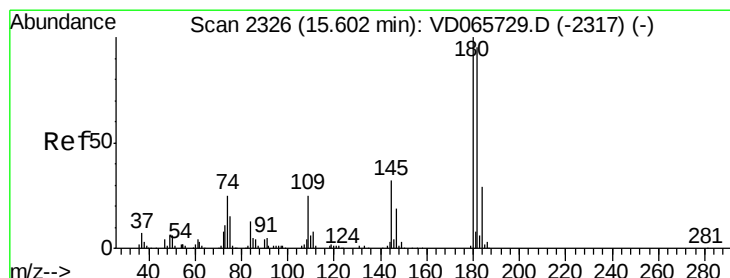
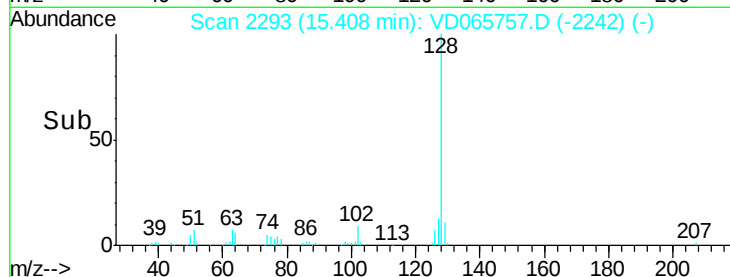
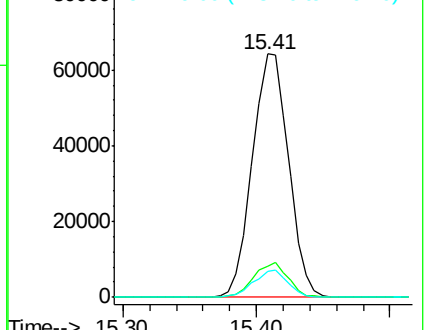
129 10.6 8.8 13.2



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: 19.816 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.01 min

Lab File: VD065757.D

Acq: 26 May 2020 13:01

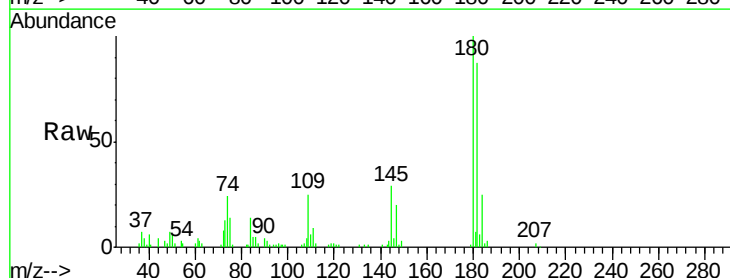
Tgt Ion:180 Resp: 65616

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.6

145 30.5 15.9 47.6



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

