

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066085.D
 Acq On : 29 Jul 2020 11:30
 Operator : VA/SY
 Sample : VD0729SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 01:28:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	228994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	320693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	301393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	169884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	106130	56.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.92%	
35) Dibromofluoromethane	7.92	113	108603	55.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.66%	
50) Toluene-d8	10.34	98	406861	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	
62) 4-Bromofluorobenzene	12.64	95	143438	57.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	39718	22.855	ug/l	95
3) Chloromethane	2.21	50	29048	20.482	ug/l	95
4) Vinyl Chloride	2.35	62	29367	21.745	ug/l	97
5) Bromomethane	2.76	94	22075	20.258	ug/l	98
6) Chloroethane	2.92	64	18281	22.675	ug/l	91
7) Trichlorofluoromethane	3.27	101	76136	23.177	ug/l	99
8) Diethyl Ether	3.70	74	18344	20.203	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	42223	21.287	ug/l	95
10) Methyl Iodide	4.30	142	41609	25.919	ug/l	93
11) Tert butyl alcohol	5.21	59	16930	131.571	ug/l #	96
12) 1,1-Dichloroethene	4.07	96	39455	20.839	ug/l	95
13) Acrolein	3.91	56	11006	70.108	ug/l	97
14) Allyl chloride	4.71	41	56168	18.978	ug/l	89
15) Acrylonitrile	5.43	53	36494	94.077	ug/l	97
16) Acetone	4.16	43	36305	96.259	ug/l #	84
17) Carbon Disulfide	4.41	76	118790	19.342	ug/l	98
18) Methyl Acetate	4.72	43	16130	18.384	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	81767	21.019	ug/l	96
20) Methylene Chloride	4.97	84	49347	22.002	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	44725	20.901	ug/l	95
22) Diisopropyl ether	6.36	45	111453	19.822	ug/l	99
23) Vinyl Acetate	6.30	43	302850	95.504	ug/l	95
24) 1,1-Dichloroethane	6.27	63	73130	21.465	ug/l	95
25) 2-Butanone	7.21	43	44383	88.685	ug/l	99
26) 2,2-Dichloropropane	7.20	77	70761	23.097	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	47884	21.135	ug/l	96
28) Bromochloromethane	7.54	49	28689	19.840	ug/l	87
29) Tetrahydrofuran	7.56	42	27326	88.495	ug/l	95
30) Chloroform	7.71	83	80476	22.582	ug/l	98
31) Cyclohexane	7.98	56	65362	19.501	ug/l	86
32) 1,1,1-Trichloroethane	7.90	97	75349	22.858	ug/l	98
36) 1,1-Dichloropropene	8.11	75	60001	21.922	ug/l	97
37) Ethyl Acetate	7.29	43	19230	18.398	ug/l	99
38) Carbon Tetrachloride	8.10	117	74428	25.062	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066085.D
 Acq On : 29 Jul 2020 11:30
 Operator : VA/SY
 Sample : VD0729SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 01:28:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	73346	22.129	ug/l	95
40) Benzene	8.35	78	165171	21.571	ug/l	99
41) Methacrylonitrile	7.53	41	10909	18.219	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	48829	23.272	ug/l	98
43) Isopropyl Acetate	8.45	43	40299	19.740	ug/l	98
44) Trichloroethene	9.11	130	53067	22.902	ug/l	94
45) 1,2-Dichloropropane	9.38	63	38893	20.972	ug/l	98
46) Dibromomethane	9.48	93	21732	21.768	ug/l	96
47) Bromodichloromethane	9.66	83	60856	23.054	ug/l	98
48) Methyl methacrylate	9.46	41	20078	19.497	ug/l	91
49) 1,4-Dioxane	9.47	88	4872	421.230	ug/l	89
51) 4-Methyl-2-Pentanone	10.23	43	99014	96.258	ug/l	99
52) Toluene	10.41	92	112190	22.467	ug/l	94
53) t-1,3-Dichloropropene	10.62	75	55527	22.579	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	65210	21.875	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	31196	22.033	ug/l	90
56) Ethyl methacrylate	10.67	69	35738	21.710	ug/l	98
57) 1,3-Dichloropropane	10.95	76	51032	21.772	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	92426	117.533	ug/l	96
59) 2-Hexanone	10.99	43	71201	99.885	ug/l	100
60) Dibromochloromethane	11.14	129	44122	23.112	ug/l	98
61) 1,2-Dibromoethane	11.25	107	31064	22.755	ug/l	98
64) Tetrachloroethene	10.88	164	47626	23.281	ug/l	97
65) Chlorobenzene	11.67	112	127621	23.127	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	48247	23.678	ug/l	96
67) Ethyl Benzene	11.75	91	218679	23.027	ug/l	98
68) m/p-Xylenes	11.86	106	172150	47.163	ug/l	98
69) o-Xylene	12.18	106	80196	24.156	ug/l	96
70) Styrene	12.20	104	136828	23.988	ug/l	99
71) Bromoform	12.37	173	27120	22.722	ug/l #	99
73) Isopropylbenzene	12.48	105	221058	21.504	ug/l	97
74) N-amyl acetate	12.29	43	38105	17.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	32617	19.199	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	43739	34.194	ug/l #	100
77) Bromobenzene	12.77	156	54756	20.843	ug/l	94
78) n-propylbenzene	12.83	91	257930	21.623	ug/l	100
79) 2-Chlorotoluene	12.91	91	141501	20.764	ug/l	96
80) 1,3,5-Trimethylbenzene	12.97	105	188584	22.329	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	10142	18.194	ug/l	94
82) 4-Chlorotoluene	13.01	91	155499	21.618	ug/l	98
83) tert-Butylbenzene	13.23	119	162133	21.938	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	187978	22.560	ug/l	100
85) sec-Butylbenzene	13.41	105	220907	21.701	ug/l	99
86) p-Isopropyltoluene	13.53	119	212235	22.949	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	109215	22.391	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	105229	21.341	ug/l	98
89) n-Butylbenzene	13.85	91	185107	21.526	ug/l	100
90) Hexachloroethane	14.12	117	40272	21.036	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	92530	21.892	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5846	20.997	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072920\
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Acq On : 29 Jul 2020 11:30
Operator : VA/SY
Sample : VD0729SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 30 01:28:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

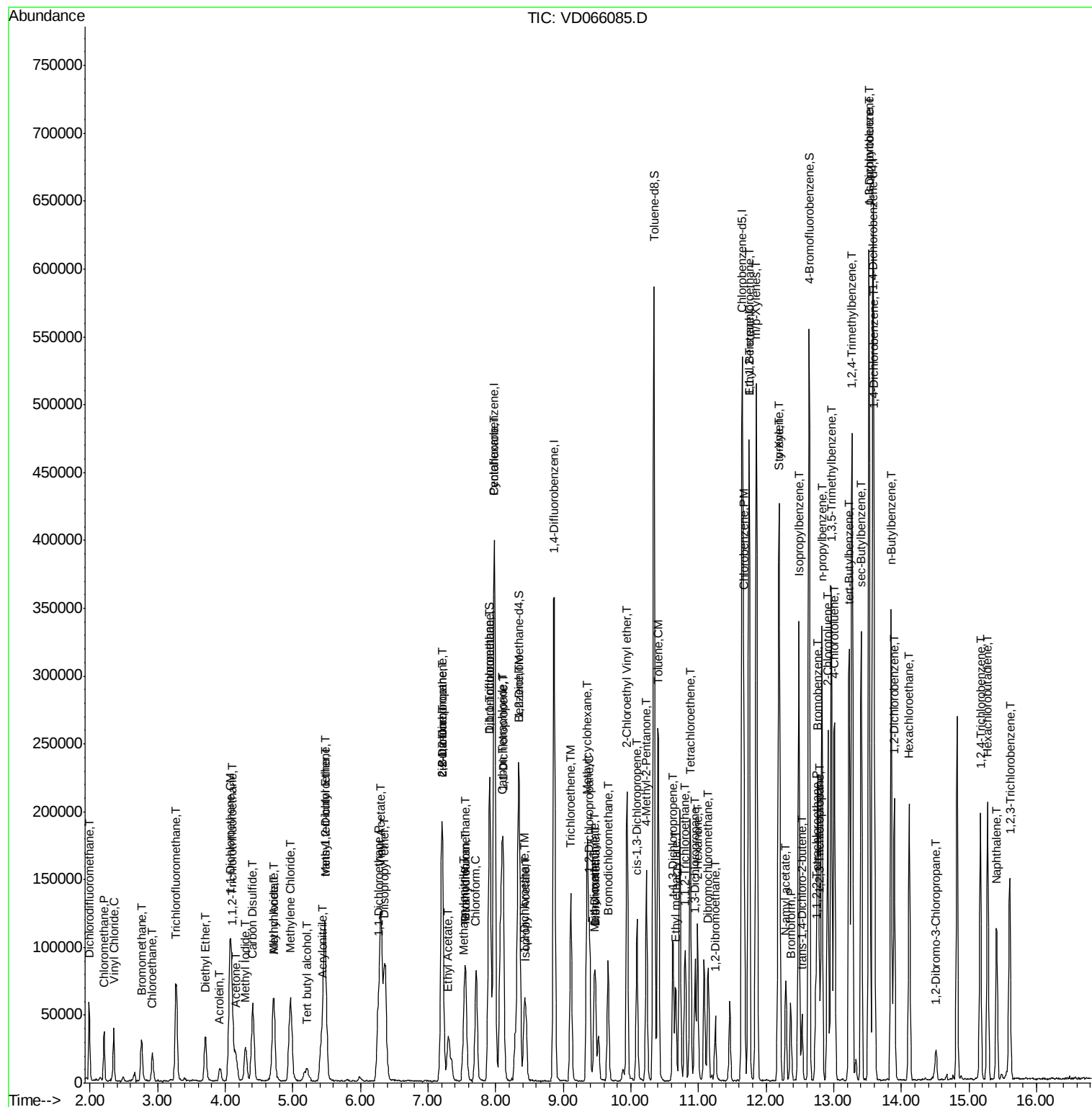
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	68268	22.502	ug/l	98
94) Hexachlorobutadiene	15.28	225	42845	22.843	ug/l	98
95) Naphthalene	15.41	128	100768	20.900	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	56355	21.368	ug/l	97

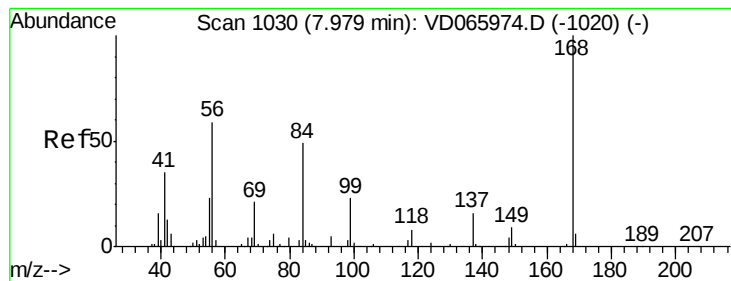
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066085.D
 Acq On : 29 Jul 2020 11:30
 Operator : VA/SY
 Sample : VD0729SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 01:28:06 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

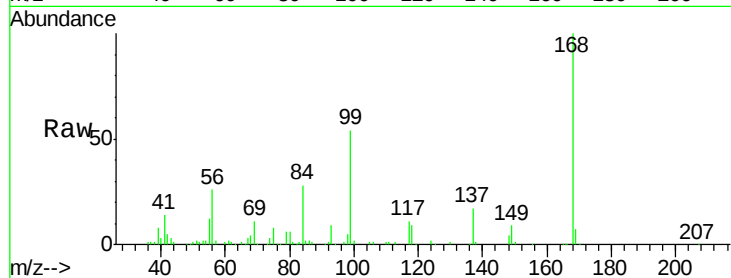
ClientSampleId :

Tot Ion:168 Resp: 228994

Ion Ratio Lower Upper

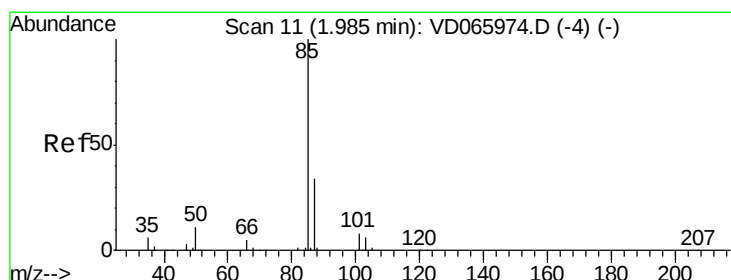
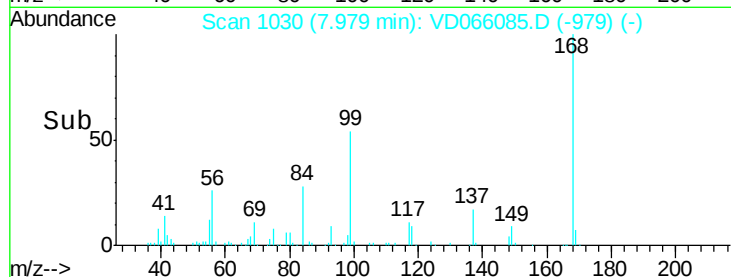
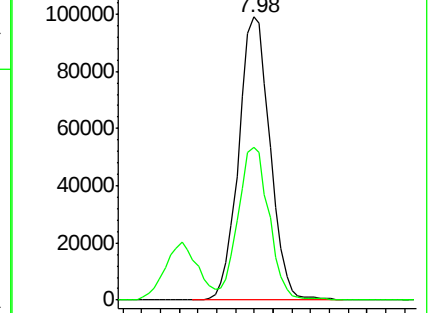
168 100

99 54.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.855 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066085.D

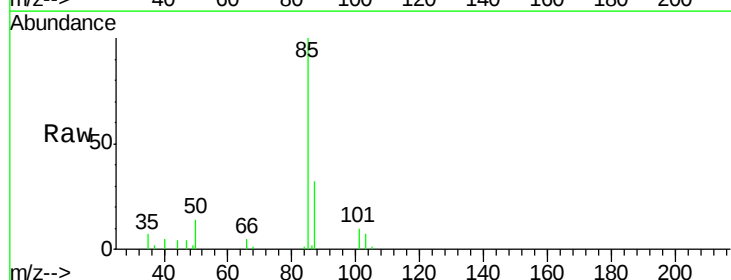
Acq: 29 Jul 2020 11:30

Tgt Ion: 85 Resp: 39718

Ion Ratio Lower Upper

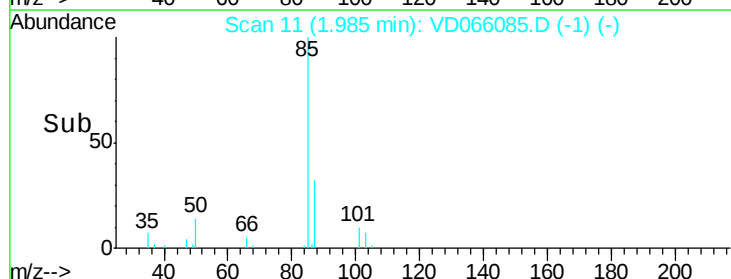
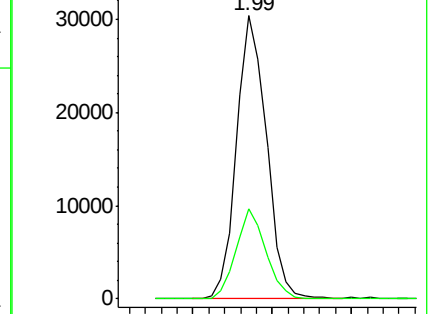
85 100

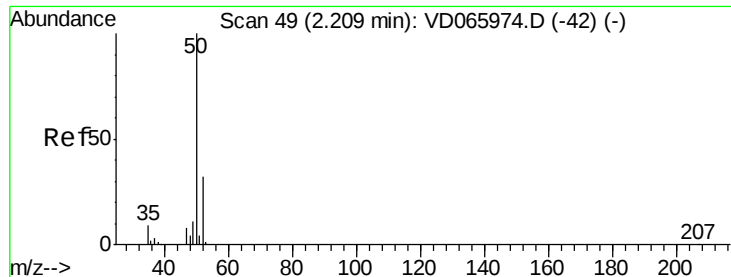
87 31.9 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.482 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

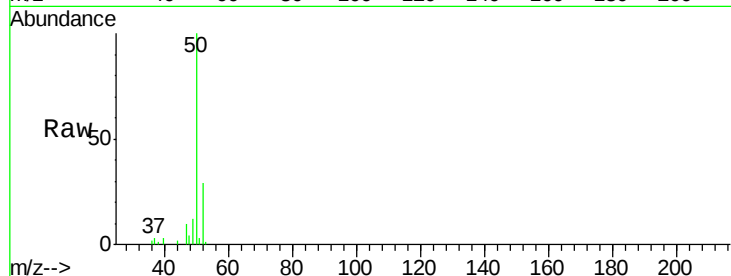
ClientSampled :

Tot Ion: 50 Resp: 29048

Ion Ratio Lower Upper

50 100

52 29.2 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

25000

20000

15000

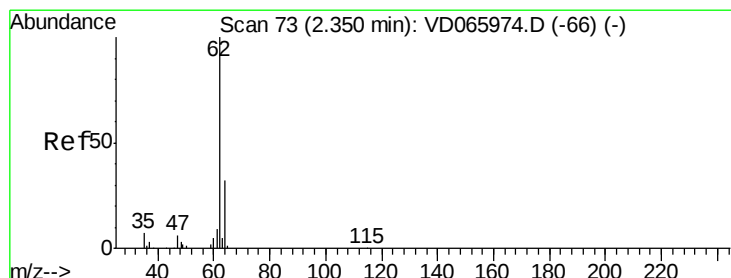
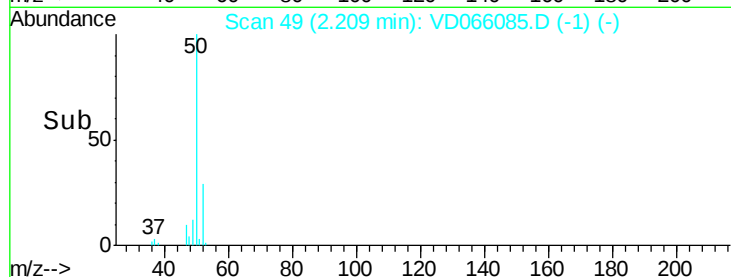
10000

5000

0

Time-->

2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 21.745 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066085.D

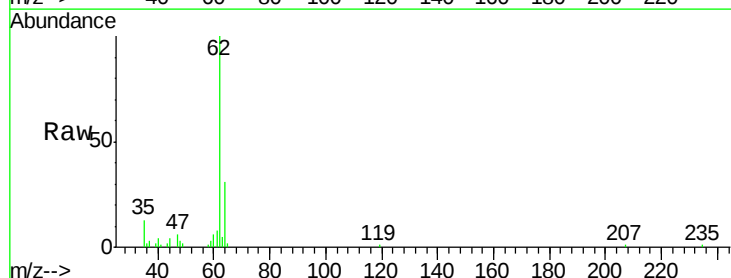
Acq: 29 Jul 2020 11:30

Tgt Ion: 62 Resp: 29367

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

20000

15000

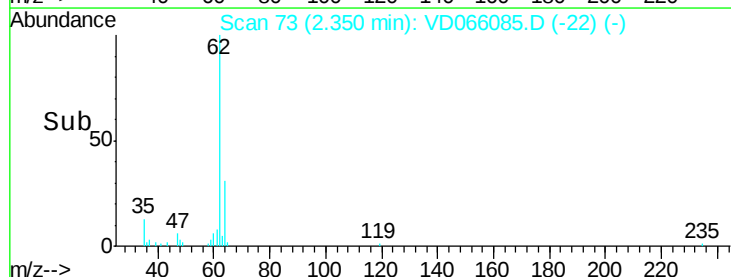
10000

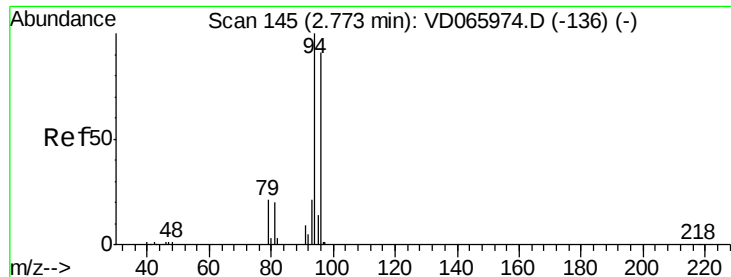
5000

0

Time-->

2.30 2.35 2.40





#5

Bromomethane

Concen: 20.258 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

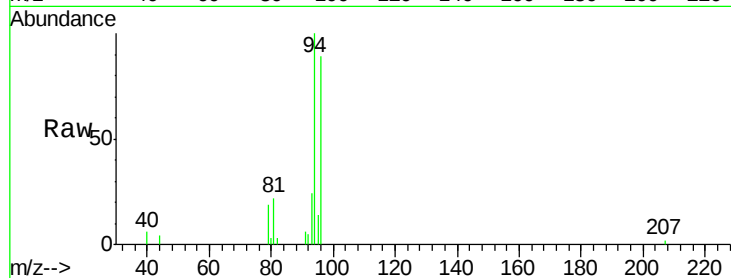
ClientSampled :

Tot Ion: 94 Resp: 22075

Ion Ratio Lower Upper

94 100

96 89.3 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

12000

10000

8000

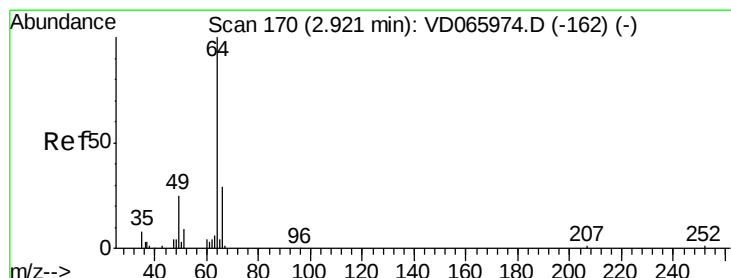
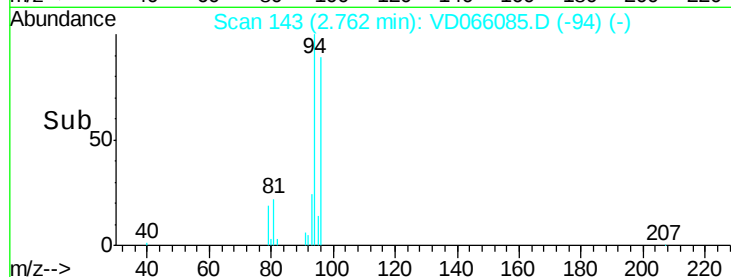
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 22.675 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066085.D

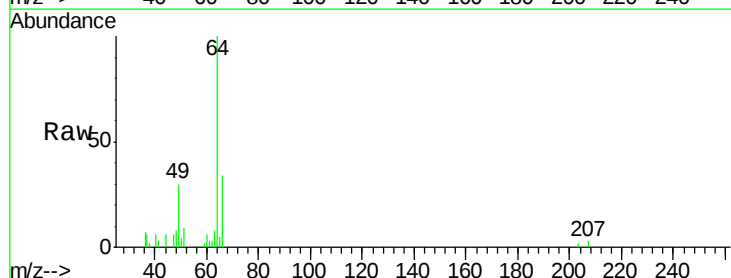
Acq: 29 Jul 2020 11:30

Tgt Ion: 64 Resp: 18281

Ion Ratio Lower Upper

64 100

66 34.1 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

10000

8000

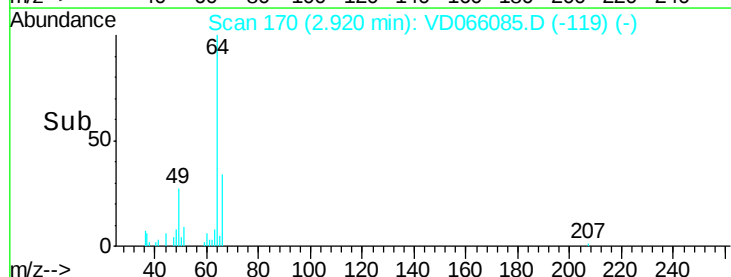
6000

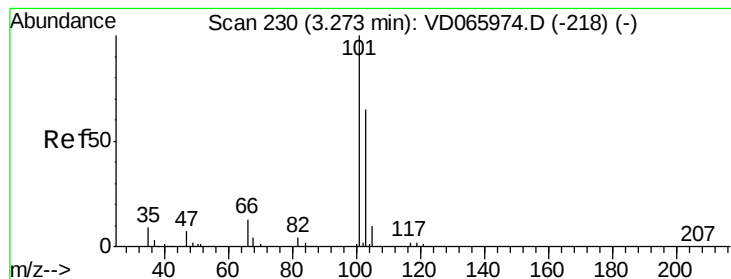
4000

2000

0

Time-->



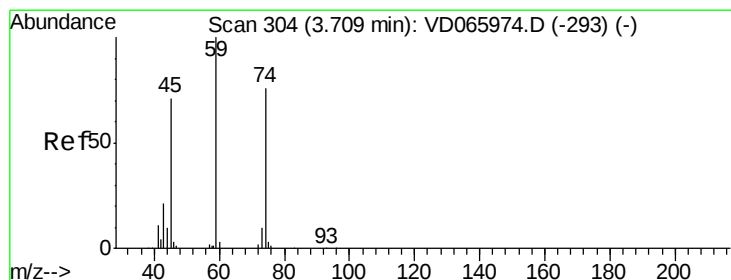
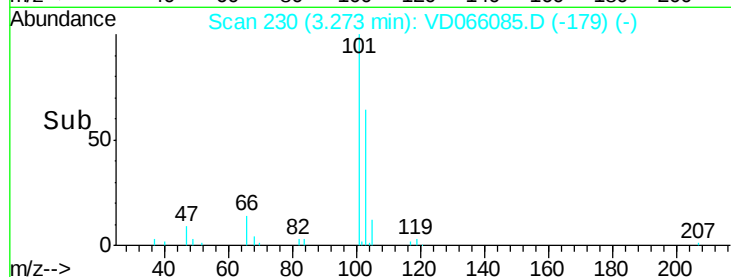
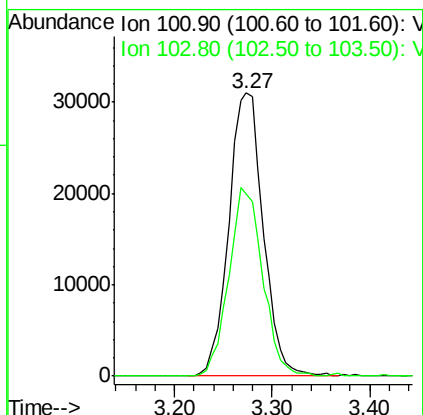
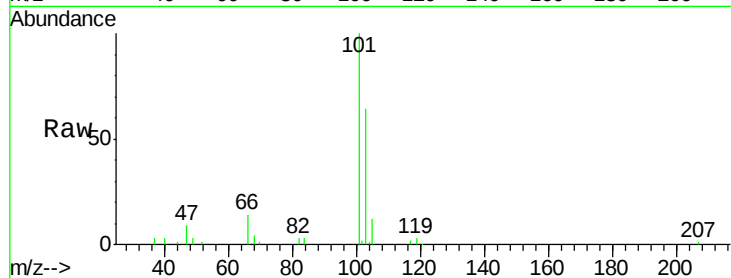


#7

Trichlorofluoromethane
 Concen: 23.177 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

Instrument :
 MSVOA_D
 ClientSampleId :

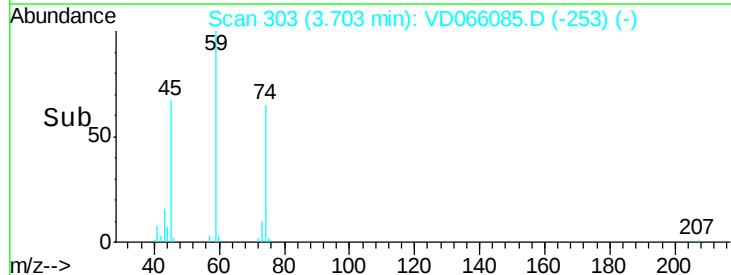
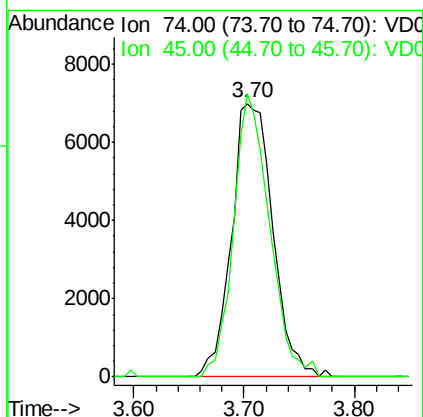
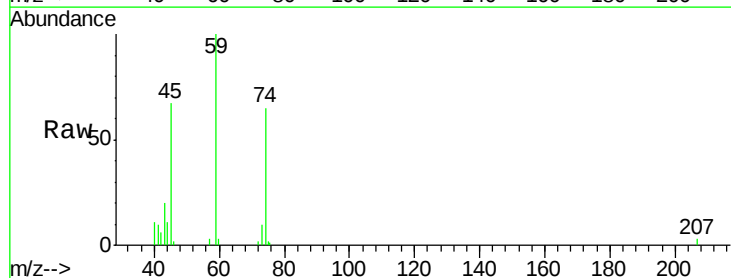
Tot Ion:101 Resp: 76136
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.1 78.1

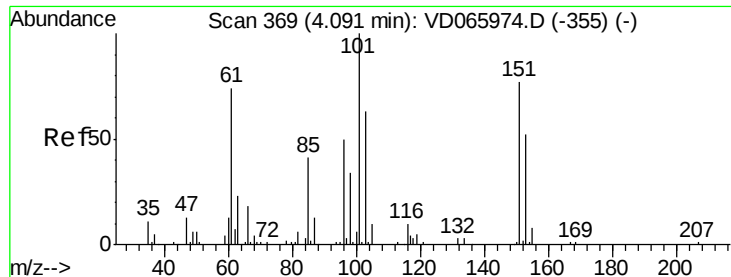


#8

Diethyl Ether
 Concen: 20.203 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

Tgt Ion: 74 Resp: 18344
 Ion Ratio Lower Upper
 74 100
 45 90.3 49.9 149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.287 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

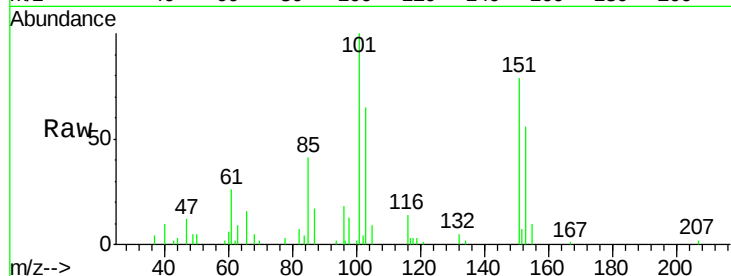
Tot Ion:101 Resp: 42223

Ion Ratio Lower Upper

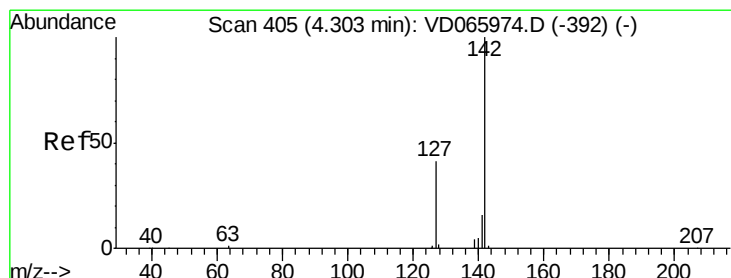
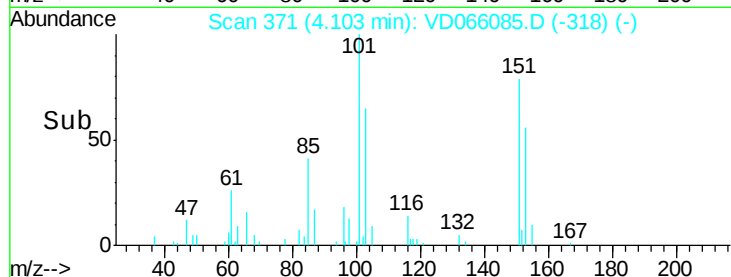
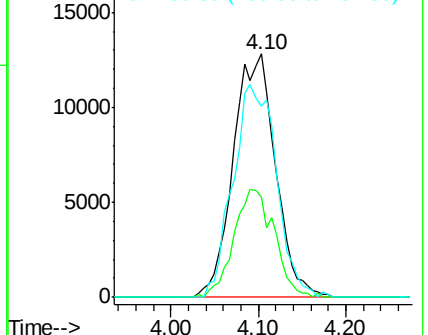
101 100

85 42.4 33.6 50.4

151 89.8 66.6 99.8



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: 25.919 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

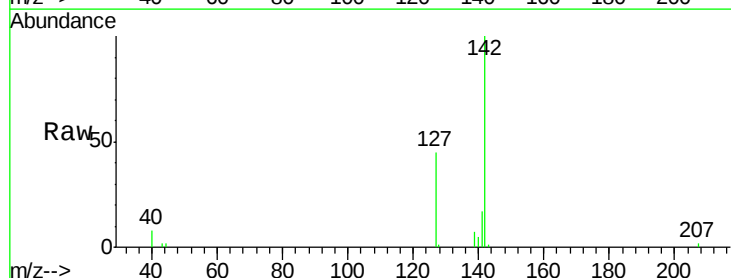
Tgt Ion:142 Resp: 41609

Ion Ratio Lower Upper

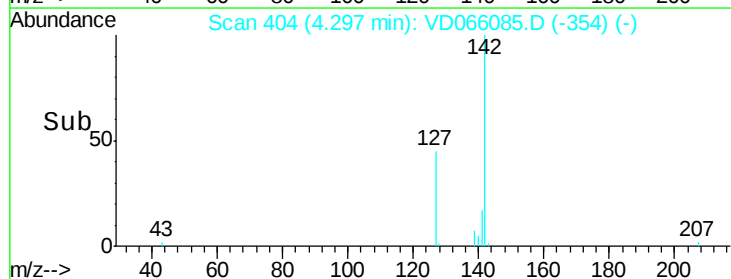
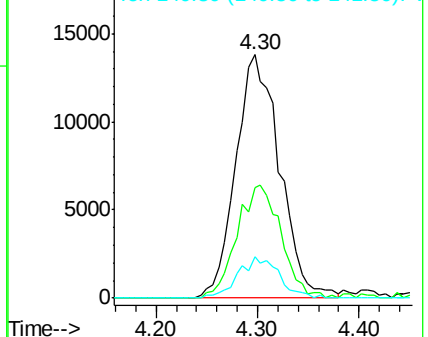
142 100

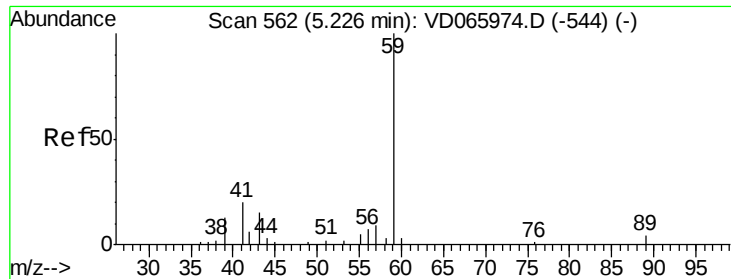
127 46.4 32.9 49.3

141 15.7 11.8 17.6



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

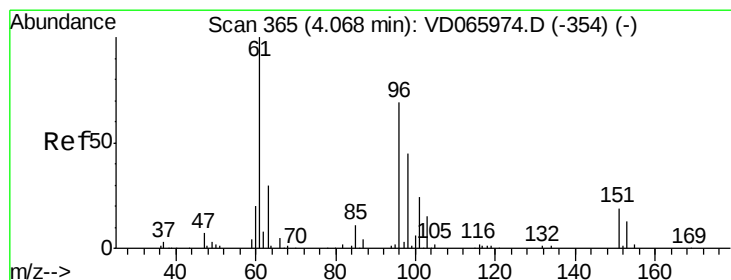
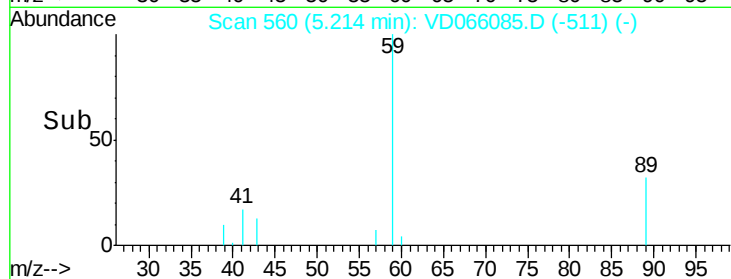
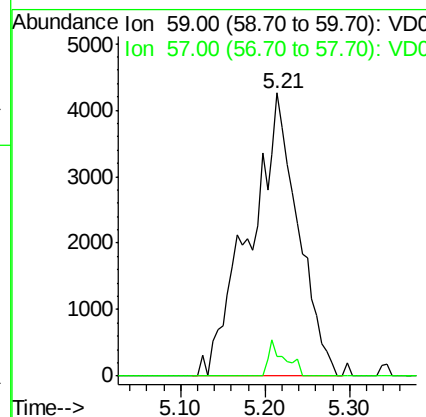
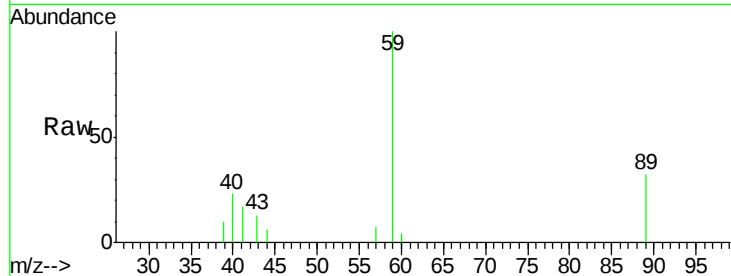




#11
Tert butyl alcohol
Concen: 131.571 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

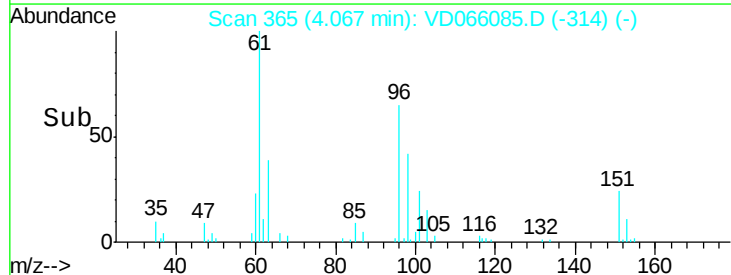
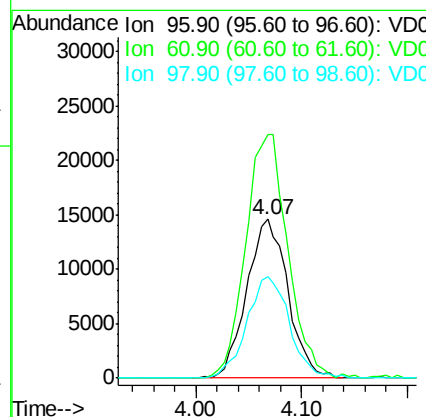
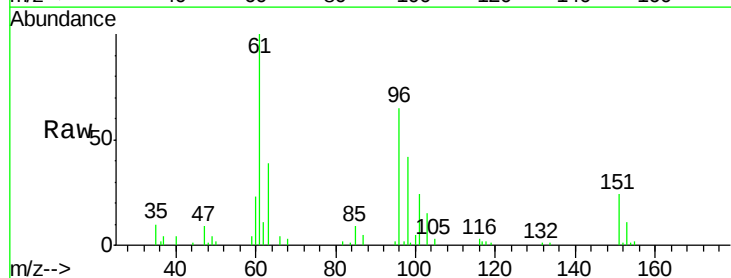
Instrument :
MSVOA_D
ClientSampleId :

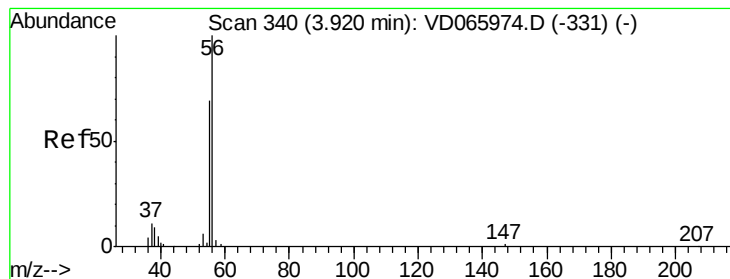
Tot Ion: 59 Resp: 16930
Ion Ratio Lower Upper
59 100
57 4.3 4.5 6.7#



#12
1,1-Dichloroethene
Concen: 20.839 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Tgt Ion: 96 Resp: 39455
Ion Ratio Lower Upper
96 100
61 153.2 115.4 173.0
98 64.1 51.5 77.3





#13

Acrolein

Concen: 70.108 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

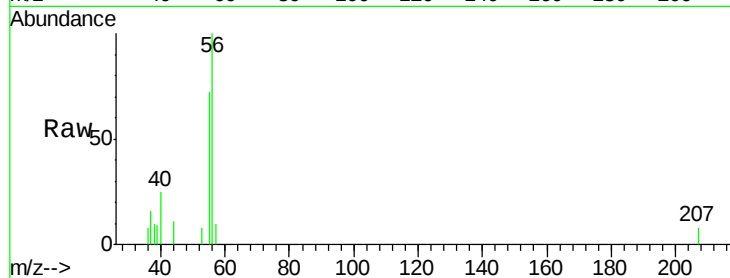
ClientSampleId :

Tot Ion: 56 Resp: 11006

Ion Ratio Lower Upper

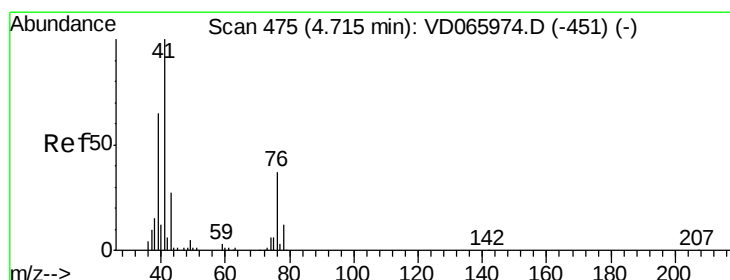
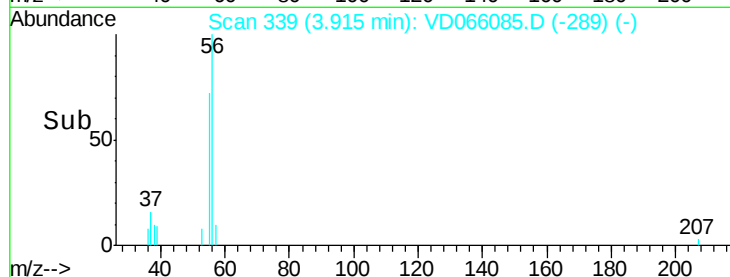
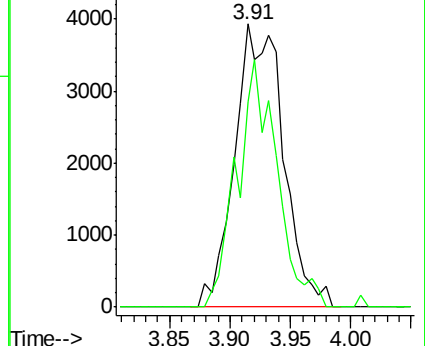
56 100

55 72.4 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.978 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

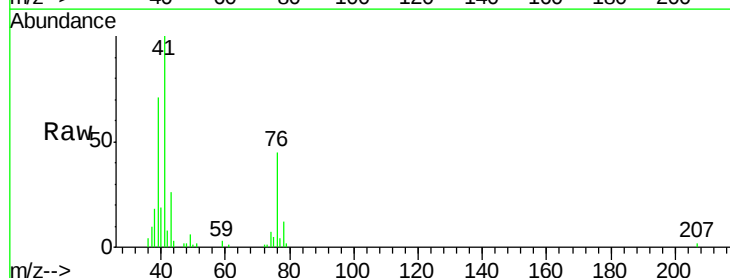
Tgt Ion: 41 Resp: 56168

Ion Ratio Lower Upper

41 100

39 78.3 53.4 80.2

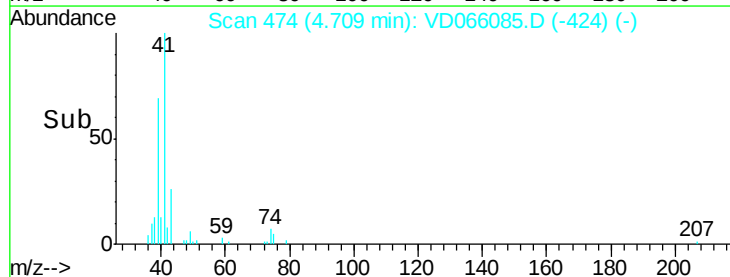
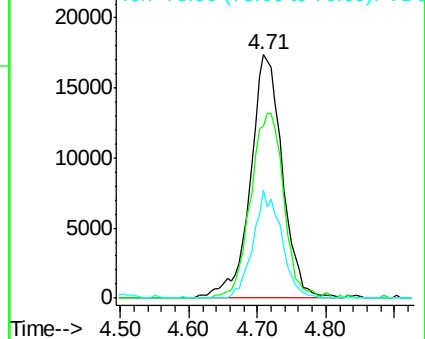
76 39.3 29.1 43.7

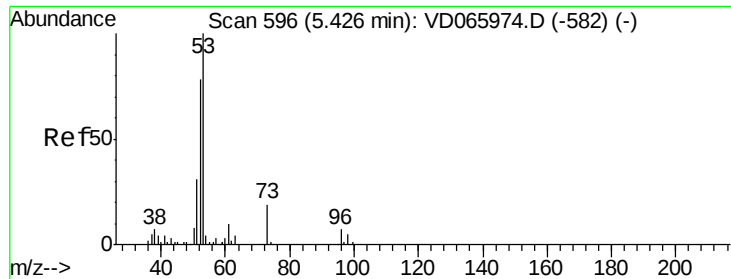


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 94.077 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

ClientSampleID :

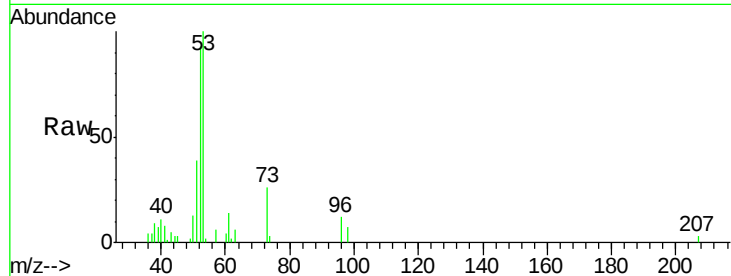
Tot Ion: 53 Resp: 36494

Ion Ratio Lower Upper

53 100

52 81.5 67.1 100.7

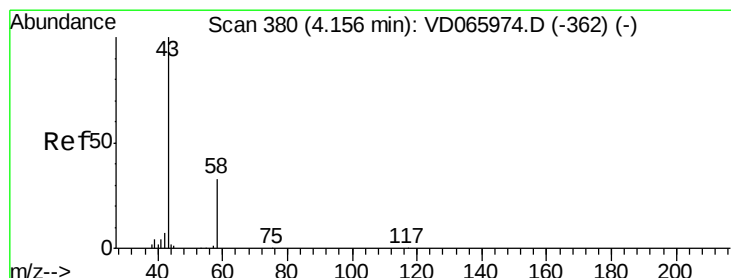
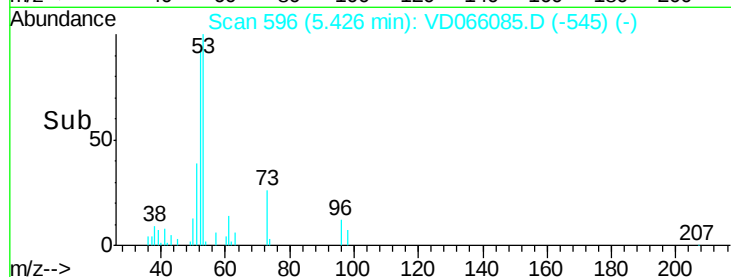
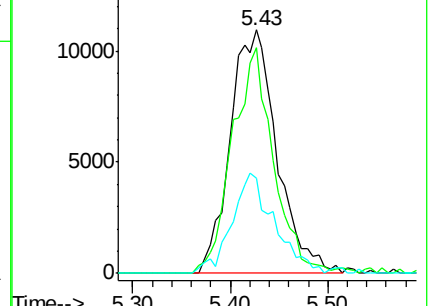
51 37.4 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 96.259 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066085.D

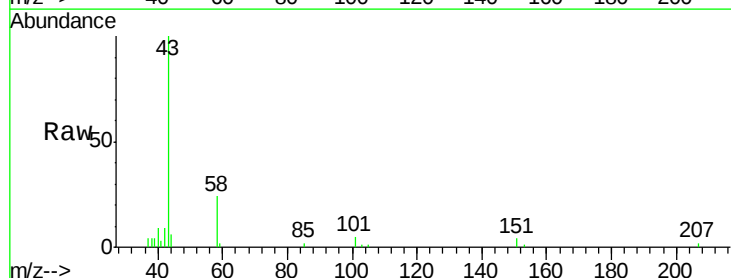
Acq: 29 Jul 2020 11:30

Tgt Ion: 43 Resp: 36305

Ion Ratio Lower Upper

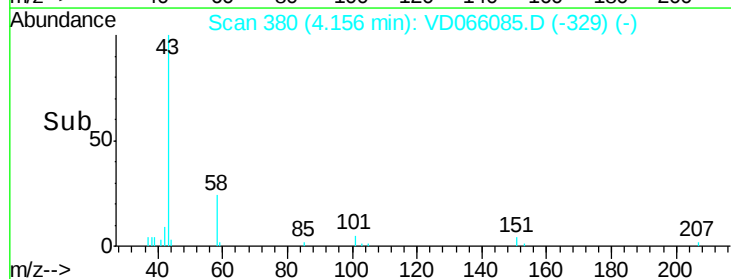
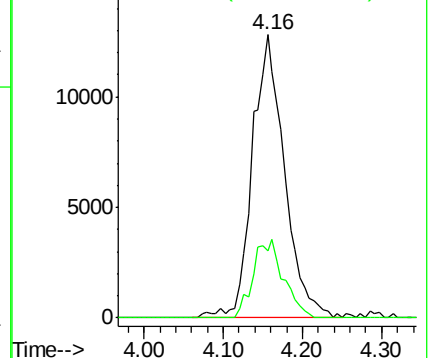
43 100

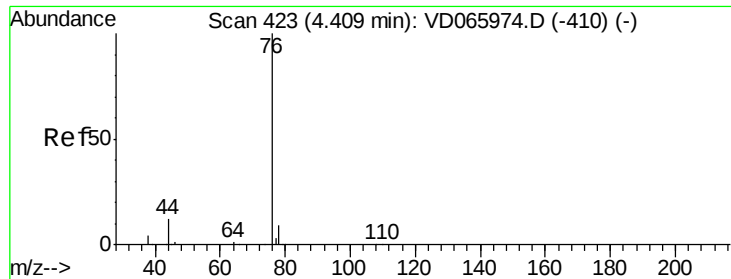
58 23.9 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

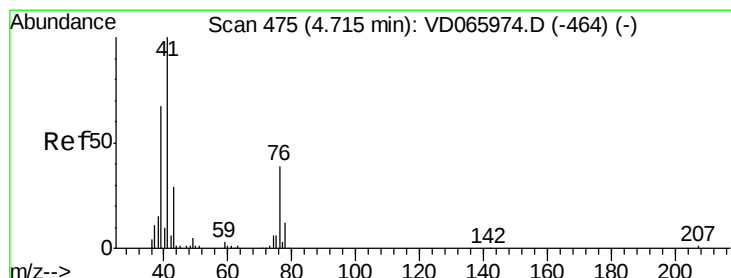
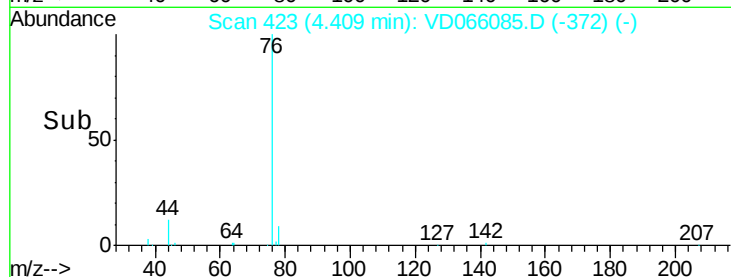
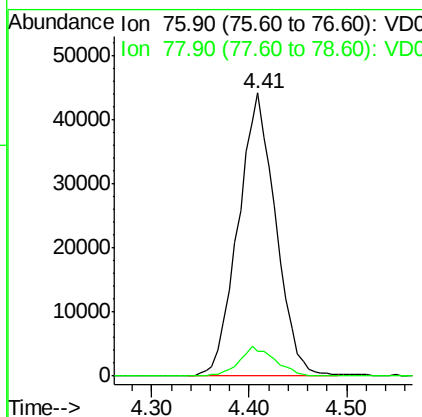
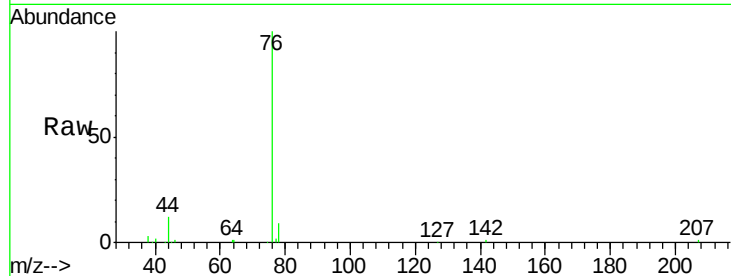




#17
Carbon Disulfide
Concen: 19.342 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

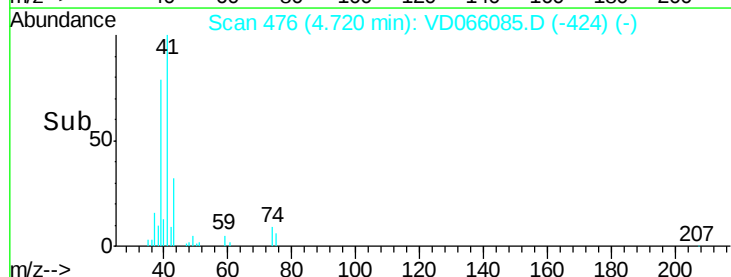
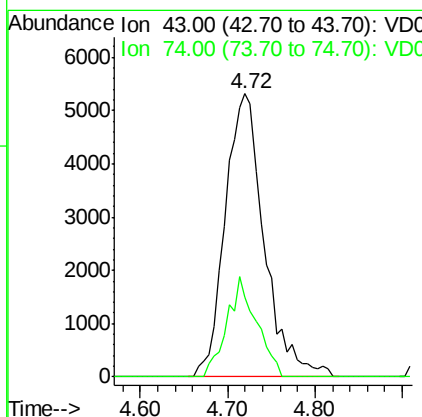
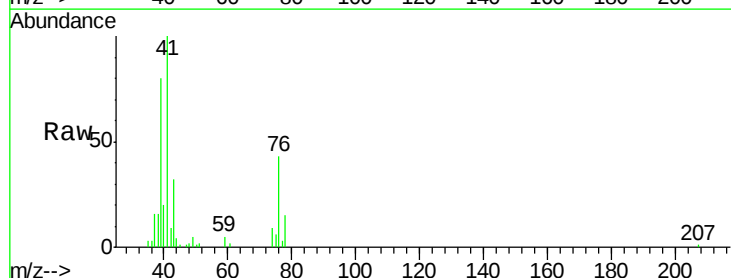
Instrument :
MSVOA_D
ClientSampleId :

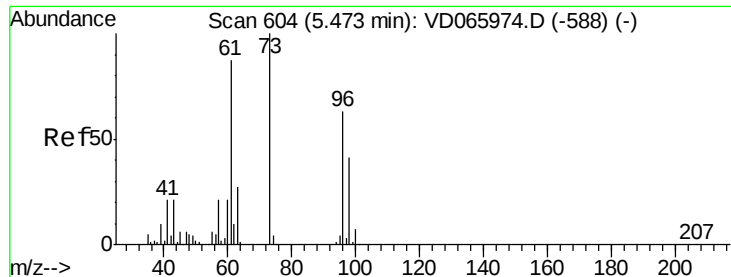
Tot Ion: 76 Resp: 118790
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 18.384 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Tgt Ion: 43 Resp: 16130
Ion Ratio Lower Upper
43 100
74 26.9 19.2 28.8



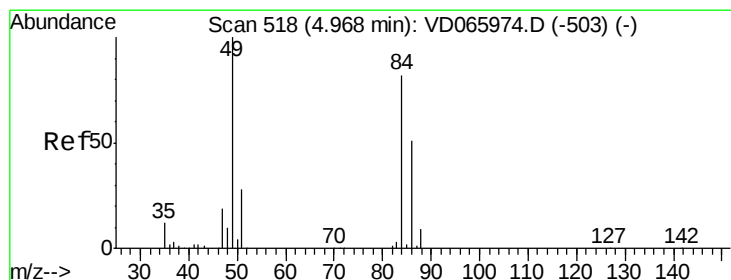
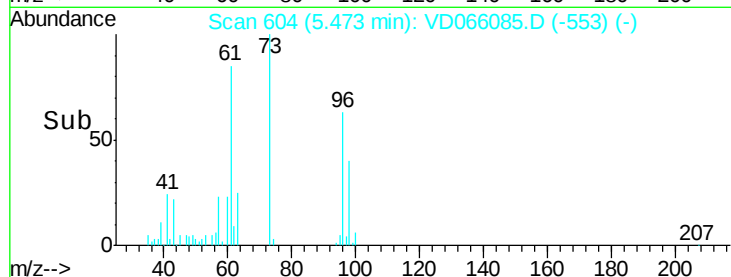
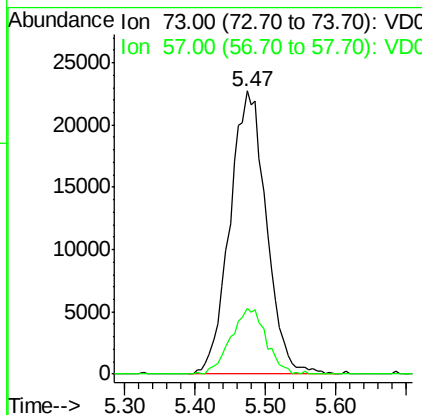
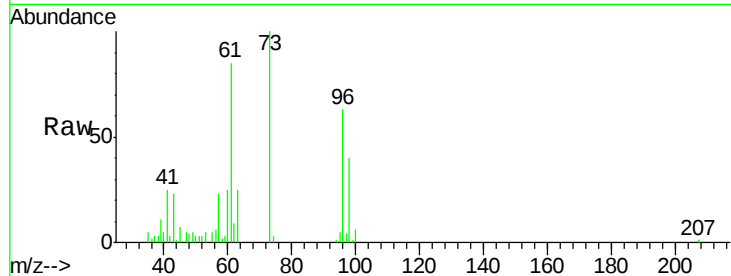


#19

Methyl tert-butyl Ether
 Concen: 21.019 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

Instrument :
 MSVOA_D
 ClientSampled :

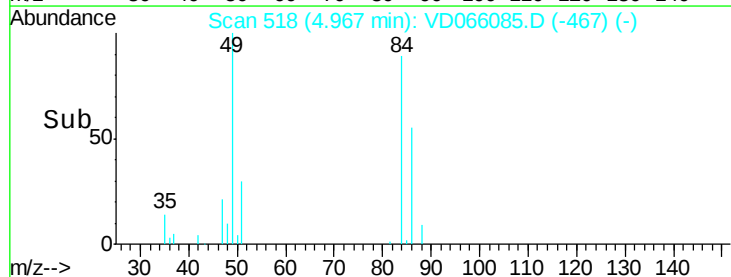
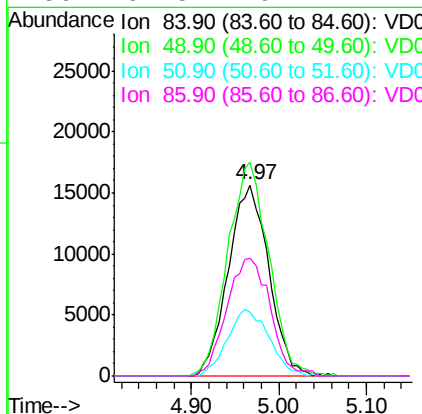
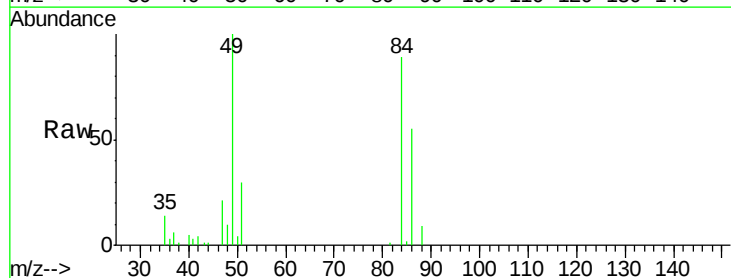
Tot Ion: 73 Resp: 81767
 Ion Ratio Lower Upper
 73 100
 57 23.3 17.0 25.4

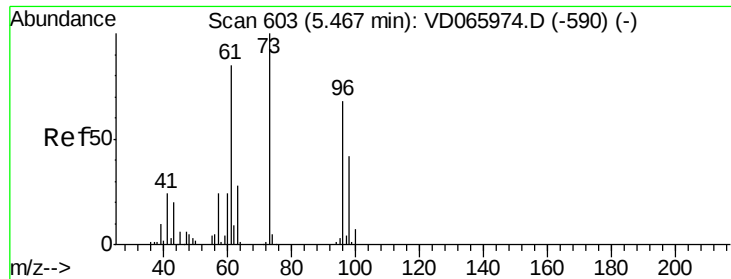


#20

Methylene Chloride
 Concen: 22.002 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

Tgt Ion: 84 Resp: 49347
 Ion Ratio Lower Upper
 84 100
 49 111.8 97.7 146.5
 51 33.4 27.4 41.2
 86 61.5 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 20.901 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

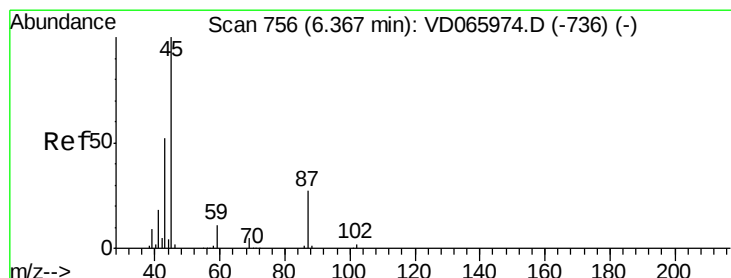
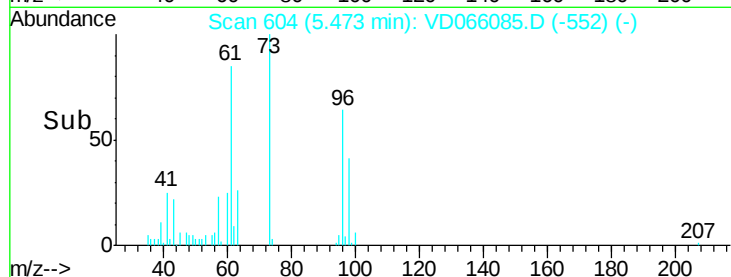
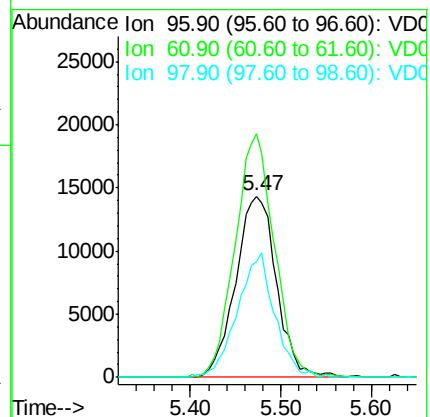
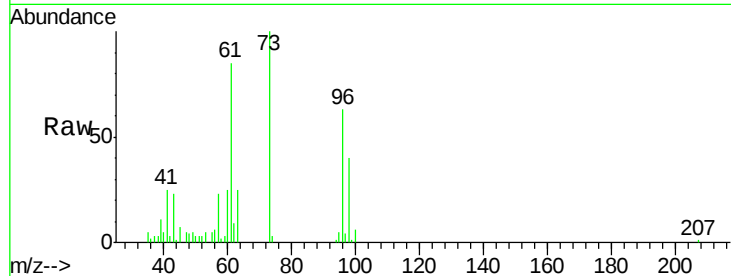
Tot Ion: 96 Resp: 44725

Ion Ratio Lower Upper

96 100

61 133.3 100.5 150.7

98 64.0 49.7 74.5



#22

Diisopropyl ether

Concen: 19.822 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Tgt Ion: 45 Resp: 111453

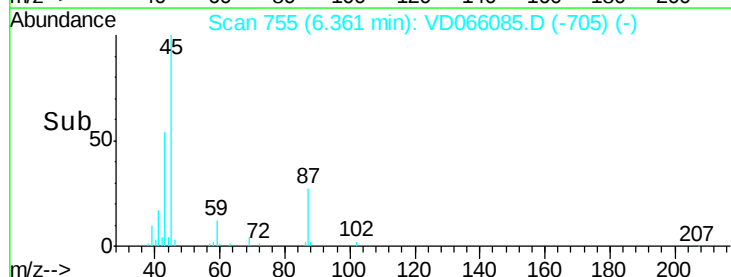
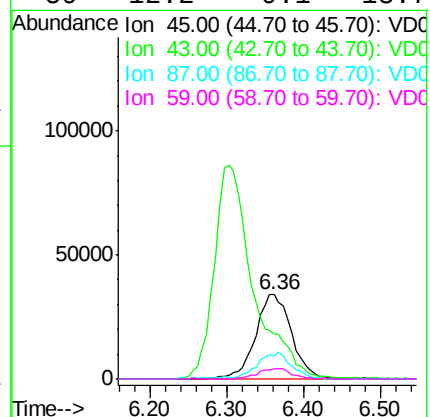
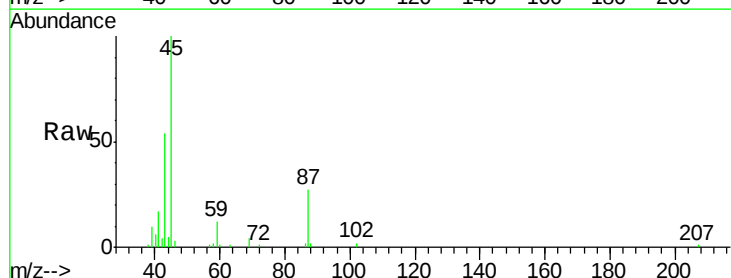
Ion Ratio Lower Upper

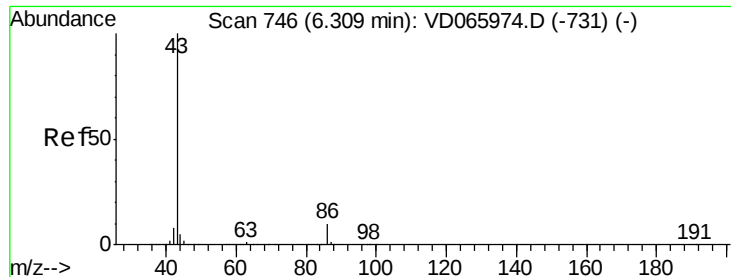
45 100

43 52.5 43.0 64.4

87 27.3 22.0 33.0

59 12.2 9.1 13.7





#23

Vinyl Acetate

Concen: 95.504 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

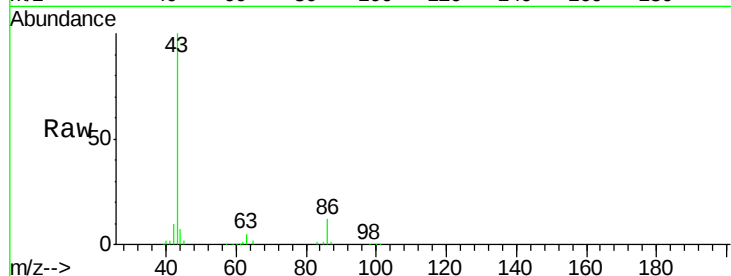
ClientSampleId :

Tot Ion: 43 Resp: 302850

Ion Ratio Lower Upper

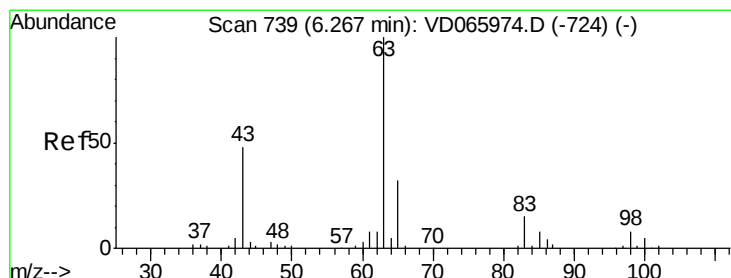
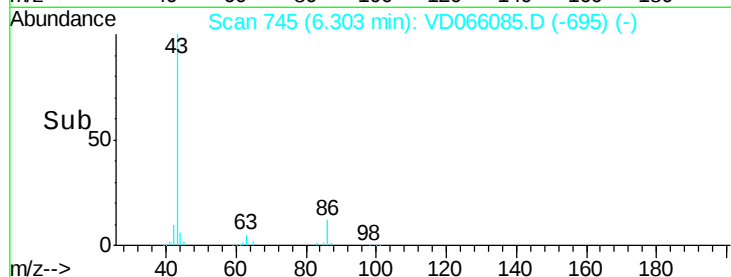
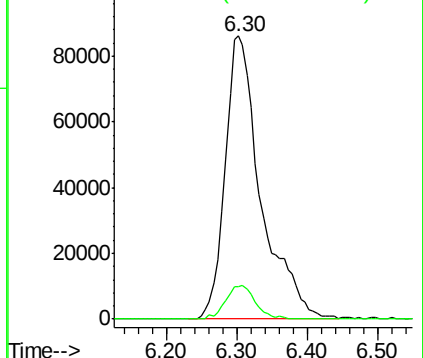
43 100

86 11.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.465 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

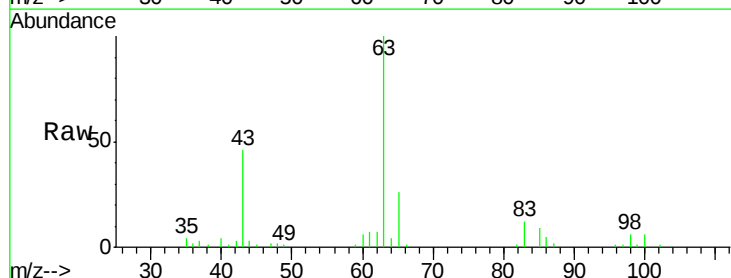
Tgt Ion: 63 Resp: 73130

Ion Ratio Lower Upper

63 100

98 6.0 4.3 12.8

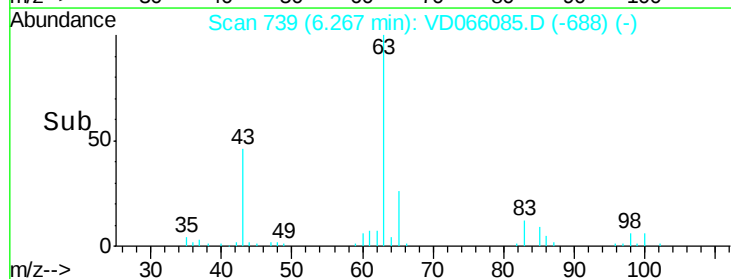
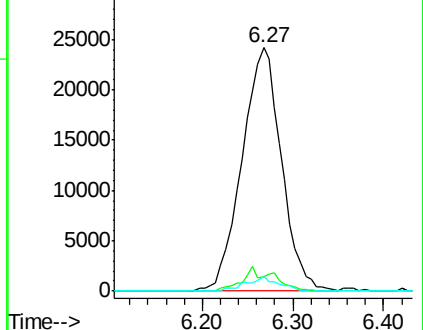
100 6.0 2.5 7.5

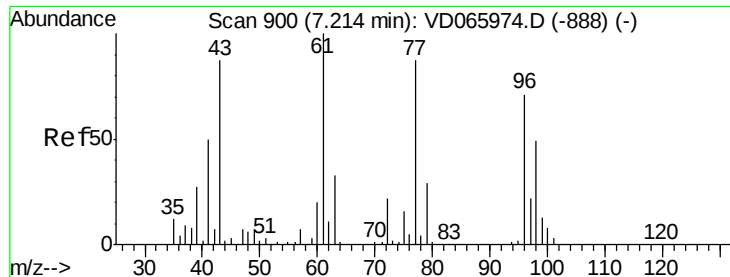


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 88.685 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

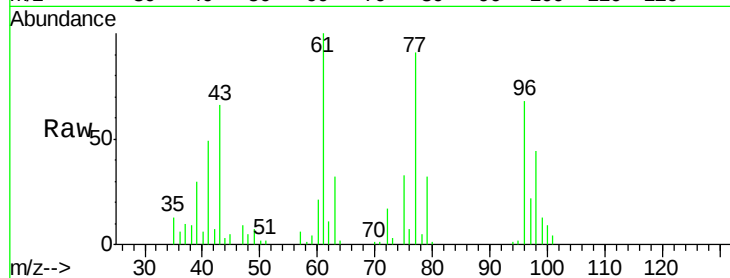
ClientSampled :

Tot Ion: 43 Resp: 44383

Ion Ratio Lower Upper

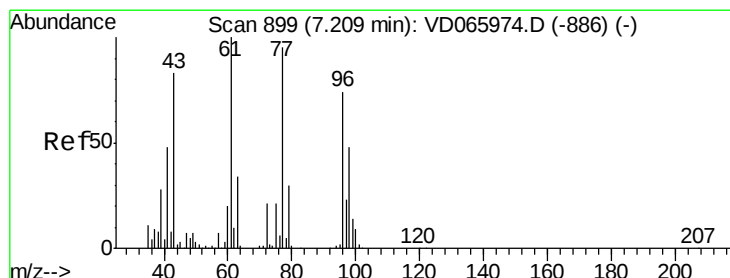
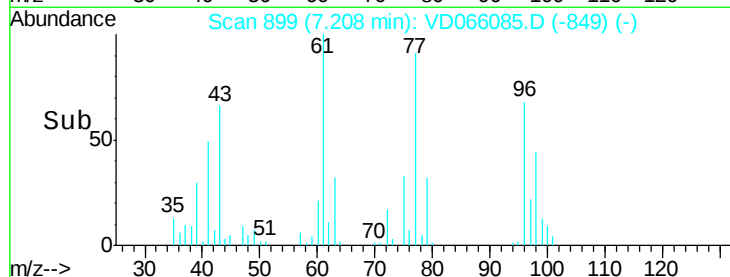
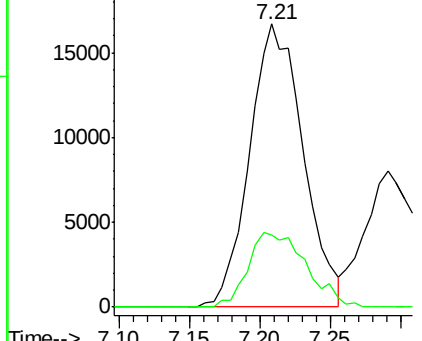
43 100

72 25.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 23.097 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066085.D

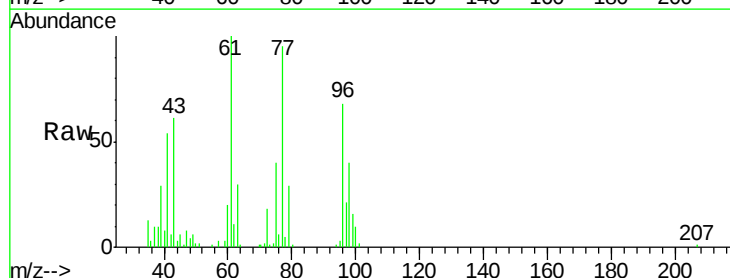
Acq: 29 Jul 2020 11:30

Tgt Ion: 77 Resp: 70761

Ion Ratio Lower Upper

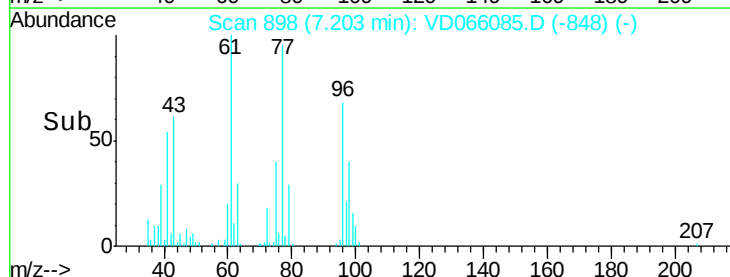
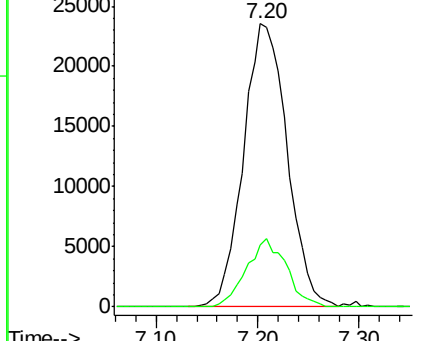
77 100

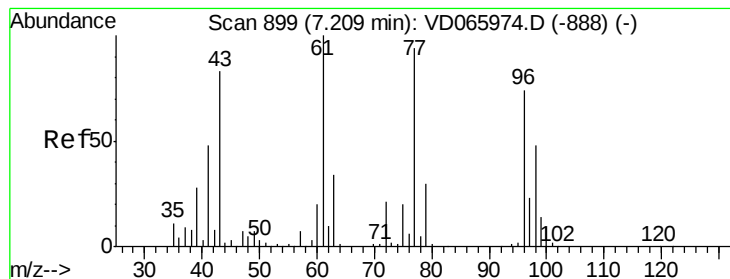
97 22.1 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



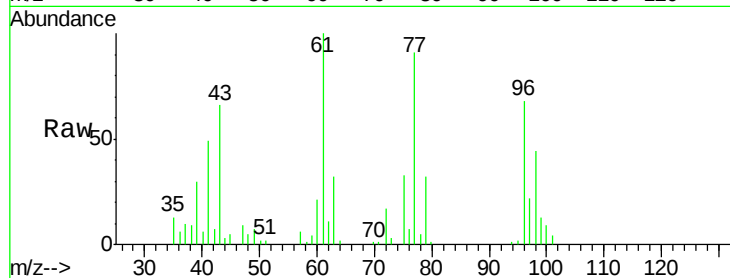


#27

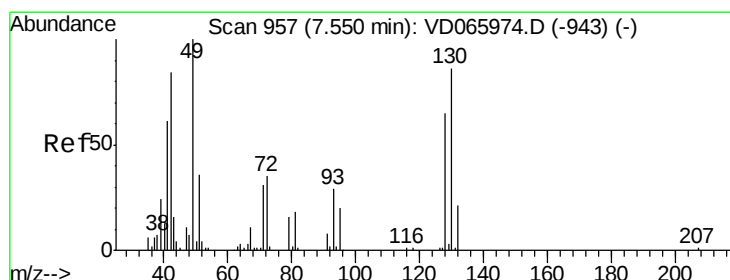
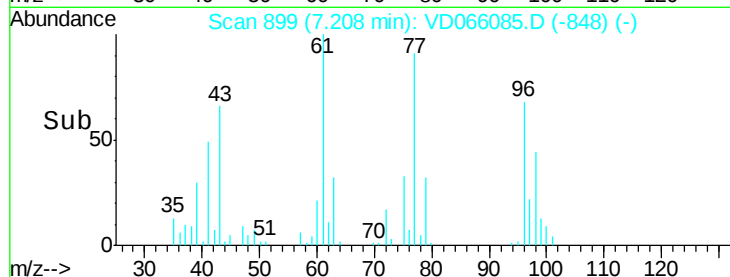
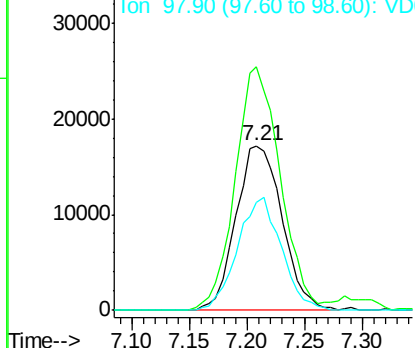
cis-1,2-Dichloroethene
Concen: 21.135 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 96 Resp: 47884
Ion Ratio Lower Upper
96 100
61 144.7 0.0 276.6
98 64.9 0.0 130.8



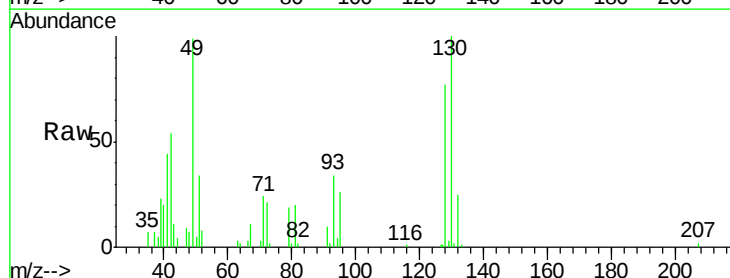
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



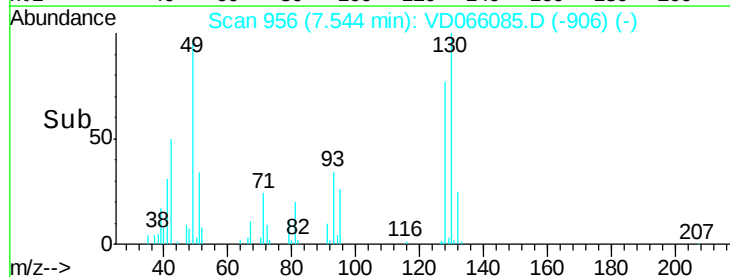
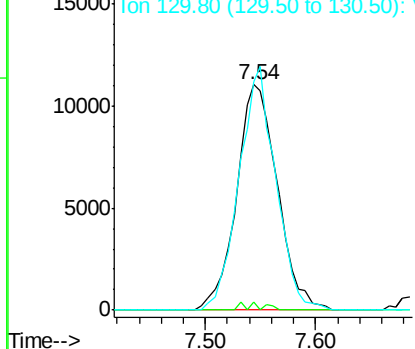
#28

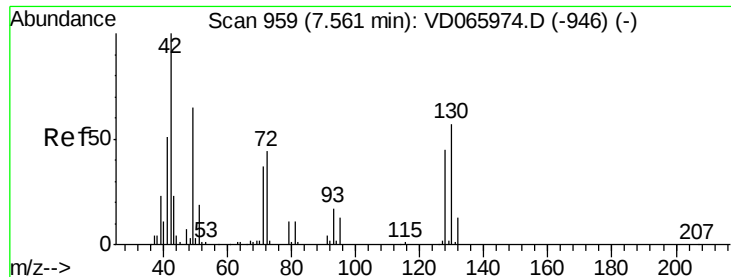
Bromochloromethane
Concen: 19.840 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Tgt Ion: 49 Resp: 28689
Ion Ratio Lower Upper
49 100
129 0.5 0.0 4.8
130 97.4 68.4 102.6



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

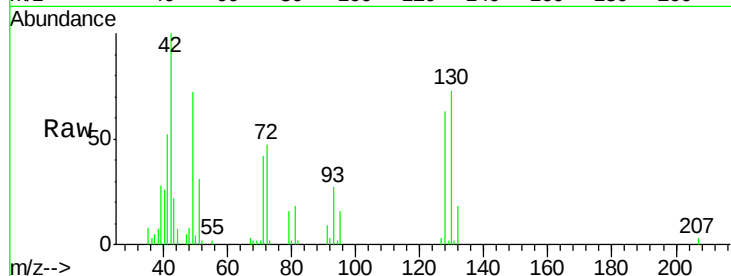




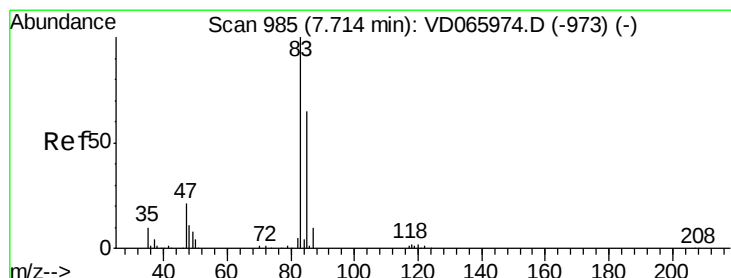
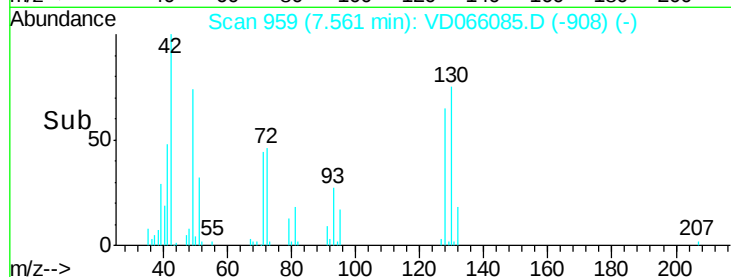
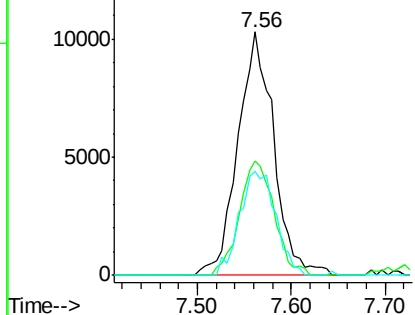
#29
Tetrahydrofuran
Concen: 88.495 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 42 Resp: 27326
Ion Ratio Lower Upper
42 100
72 45.4 34.2 51.2
71 42.8 31.4 47.2

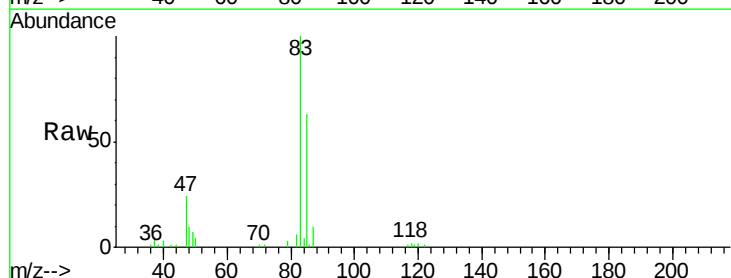


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

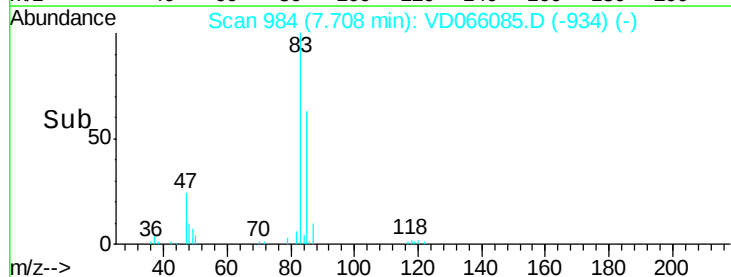
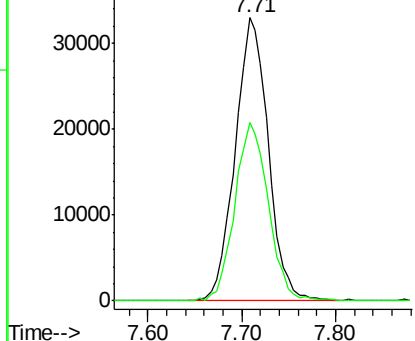


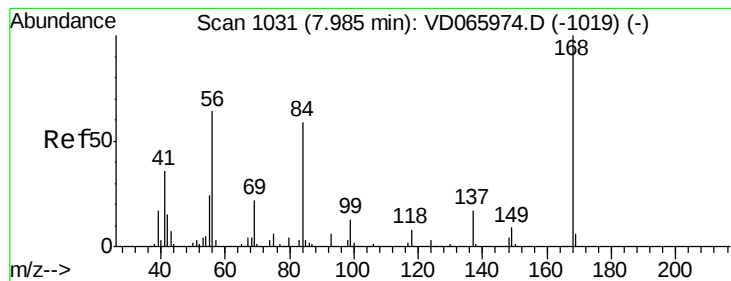
#30
Chloroform
Concen: 22.582 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Tgt Ion: 83 Resp: 80476
Ion Ratio Lower Upper
83 100
85 63.3 52.1 78.1



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





#31

Cyclohexane

Concen: 19.501 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :
MSVOA_D
ClientSampled :

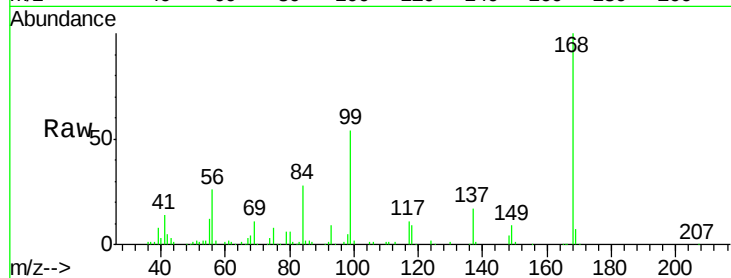
Tot Ion: 56 Resp: 65362

Ion Ratio Lower Upper

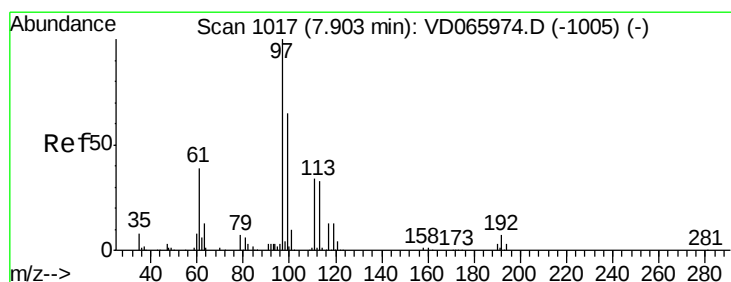
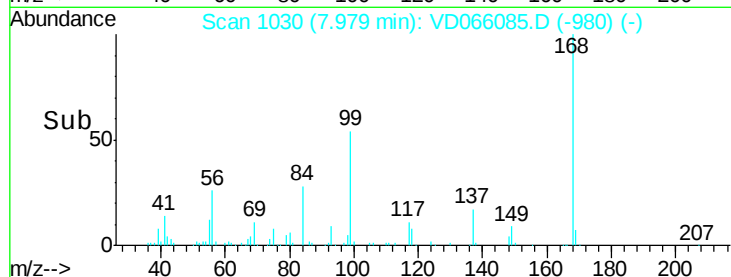
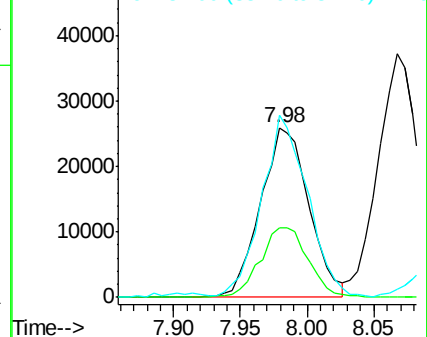
56 100

69 41.0 28.0 42.0

84 104.8 72.6 109.0



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: 22.858 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

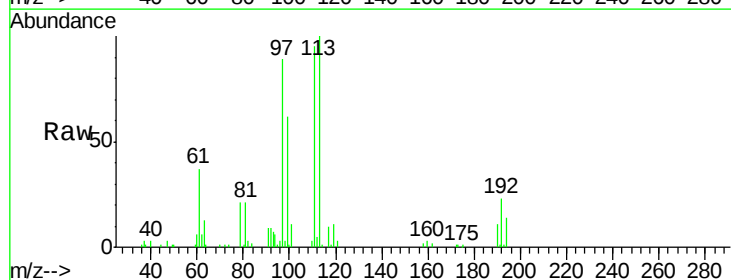
Tgt Ion: 97 Resp: 75349

Ion Ratio Lower Upper

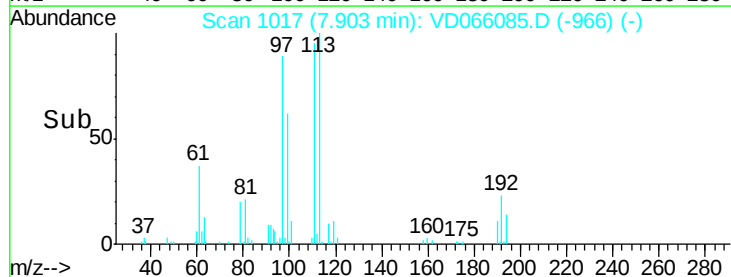
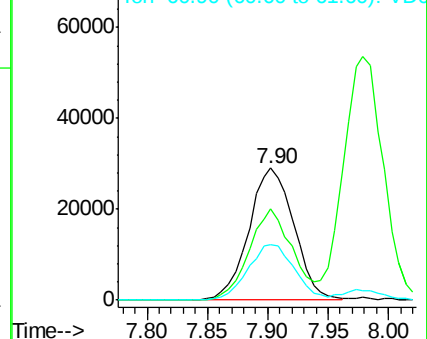
97 100

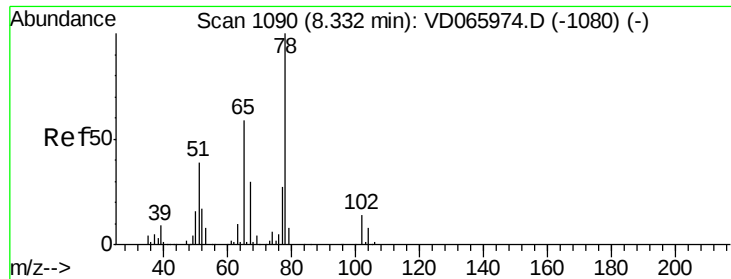
99 65.8 51.8 77.6

61 43.4 33.3 49.9



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

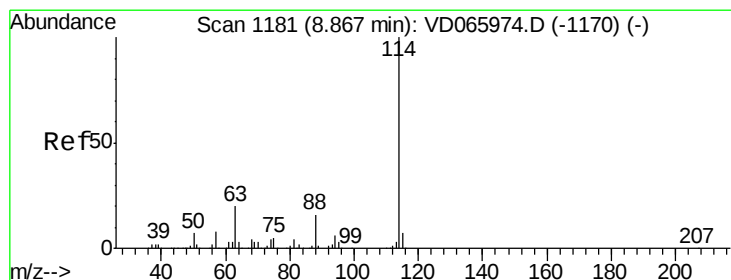
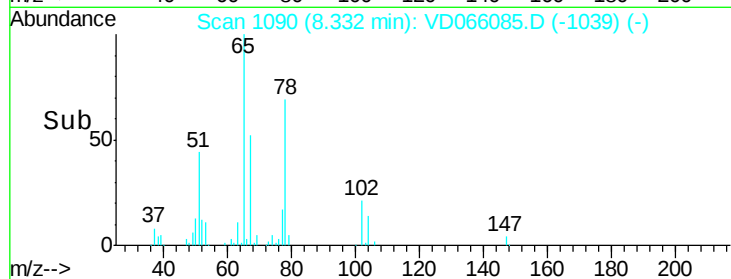
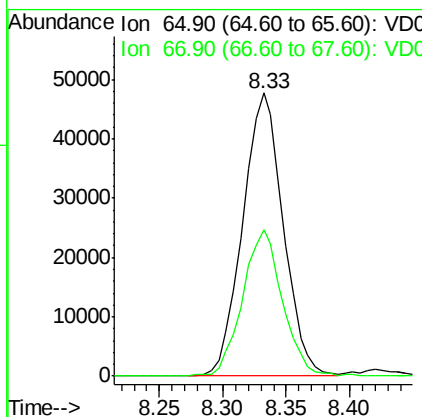
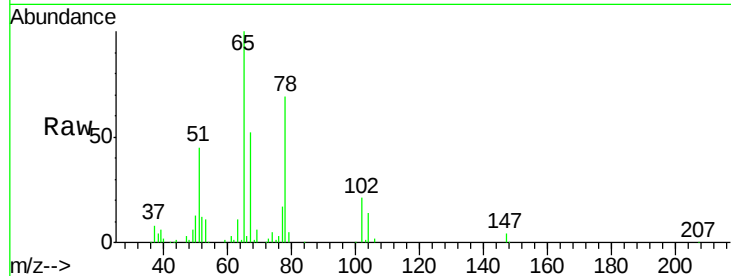




#33
 1,2-Dichloroethane-d4
 Concen: 56.958 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

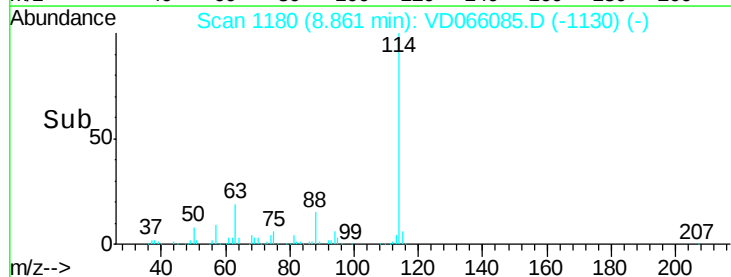
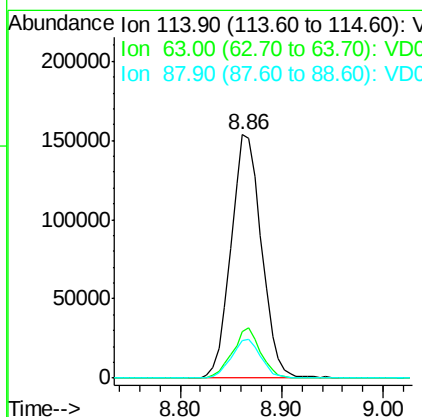
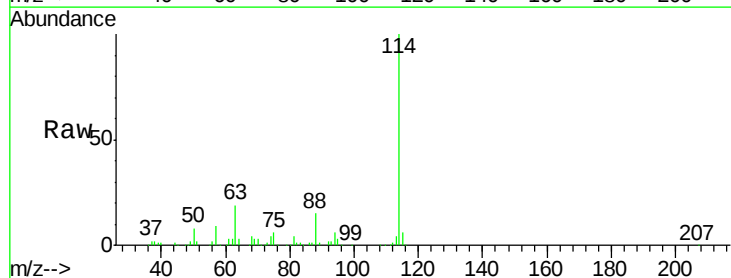
Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 65 Resp: 106130
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

Tgt Ion: 114 Resp: 320693
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.6
 88 15.2 0.0 31.2

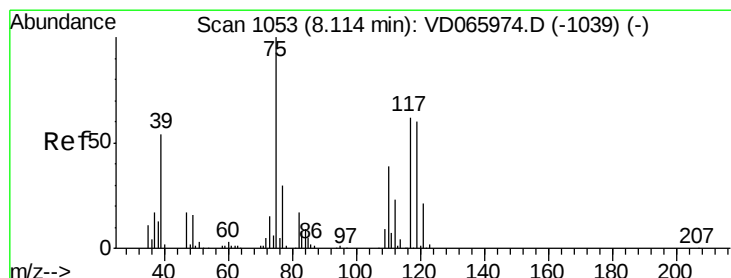
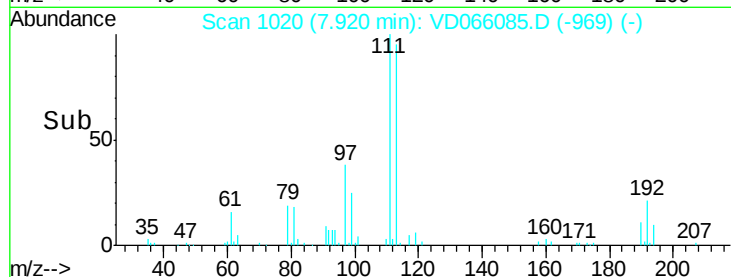
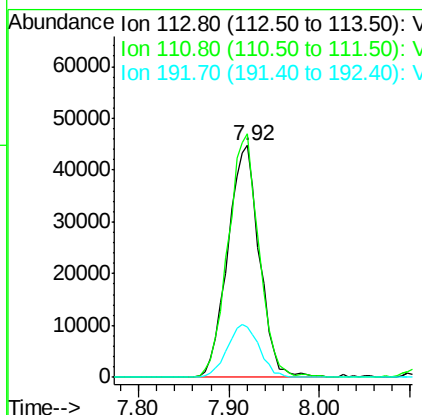
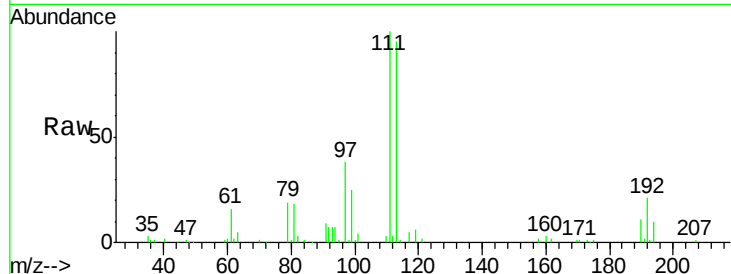




#35
 Dibromofluoromethane
 Concen: 55.834 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

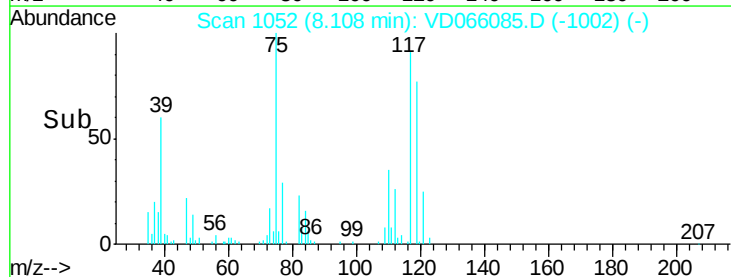
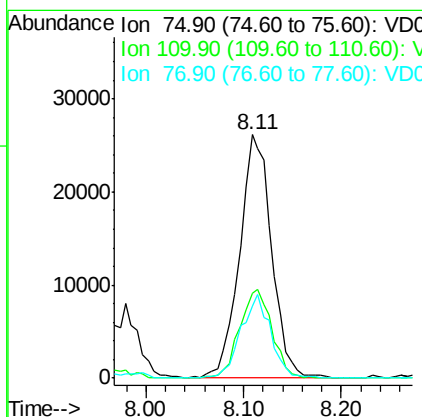
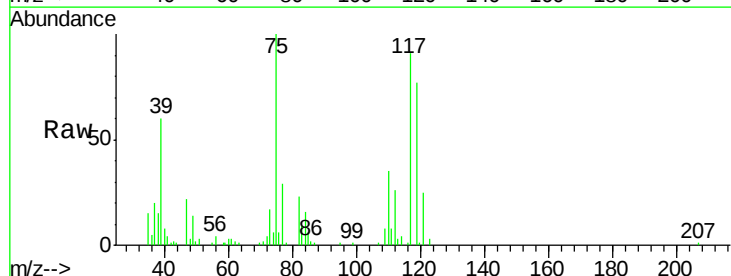
Instrument :
 MSVOA_D
 ClientSampleId :

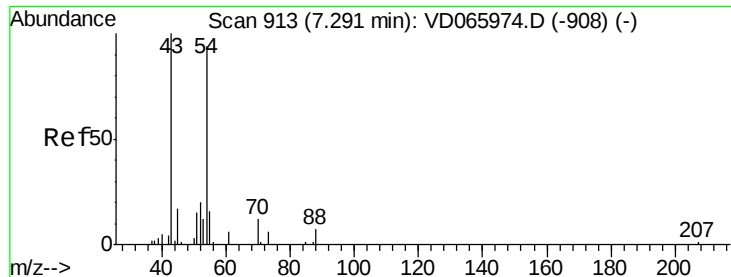
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.2	124.8
192	22.9	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 21.922 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	19.5	58.5
77	32.1	24.7	37.1

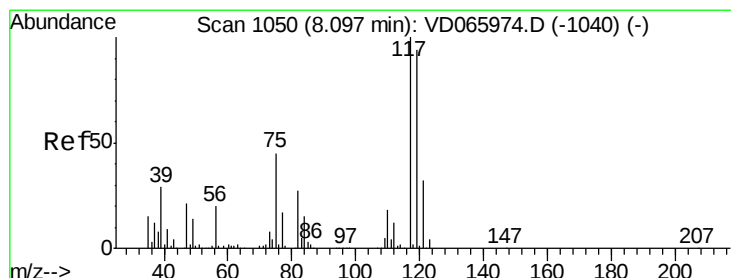
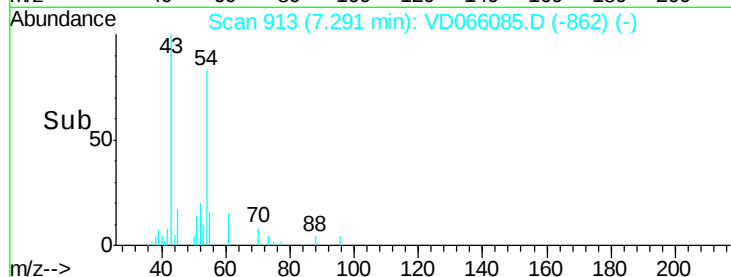
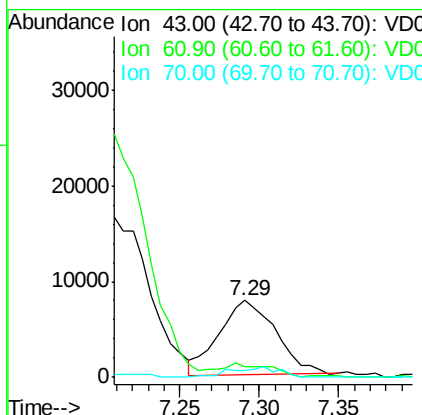
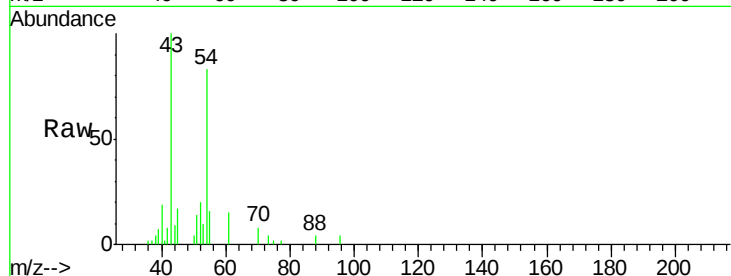




#37
Ethyl Acetate
Concen: 18.398 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

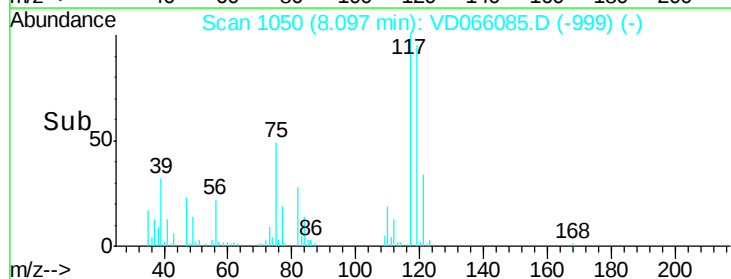
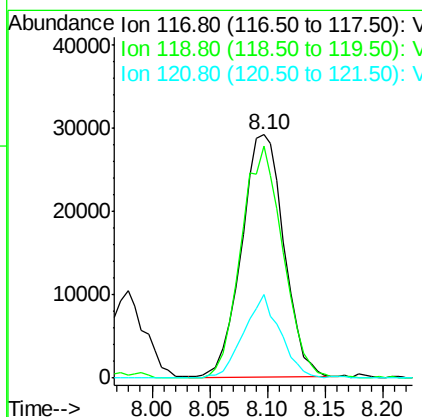
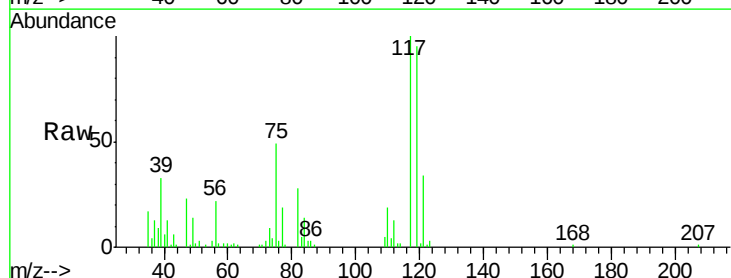
Instrument :
MSVOA_D
ClientSampled :

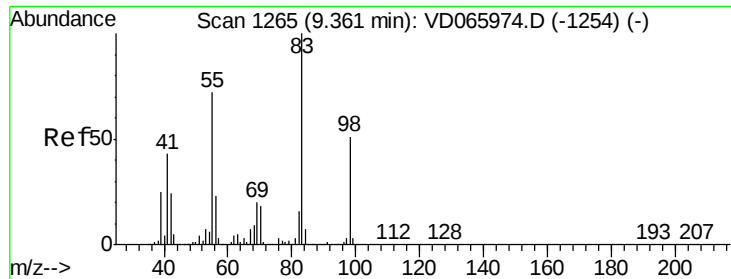
Tot Ion: 43 Resp: 19230
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.0
70 12.2 9.3 13.9



#38
Carbon Tetrachloride
Concen: 25.062 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Tgt Ion: 117 Resp: 74428
Ion Ratio Lower Upper
117 100
119 95.7 75.0 112.6
121 34.4 25.5 38.3

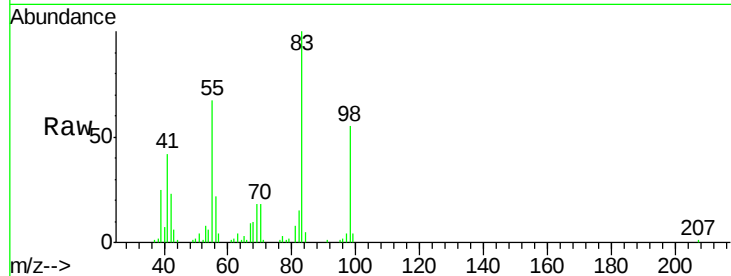




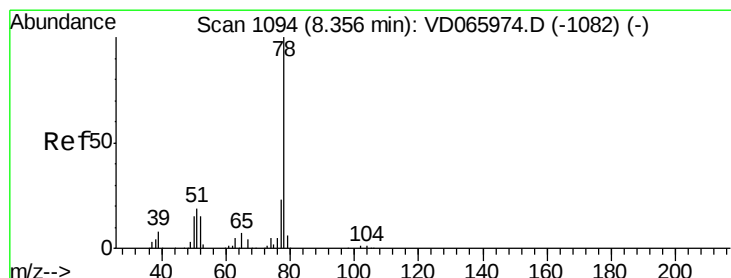
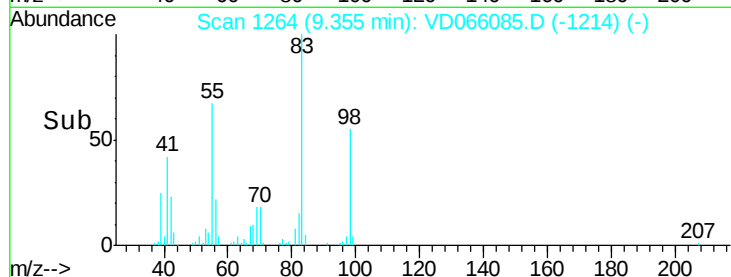
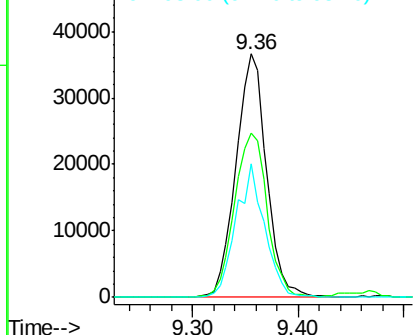
#39
Methvlcvclohexane
Concen: 22.129 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 83 Resp: 73346
Ion Ratio Lower Upper
83 100
55 67.3 57.3 85.9
98 54.6 41.0 61.6

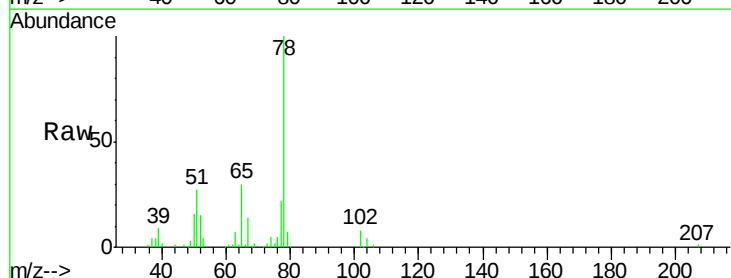


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

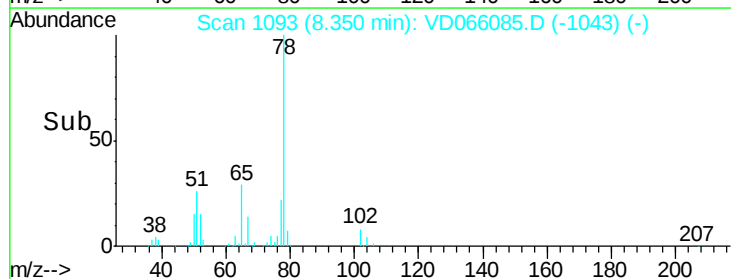
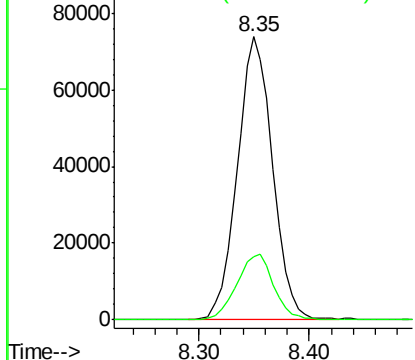


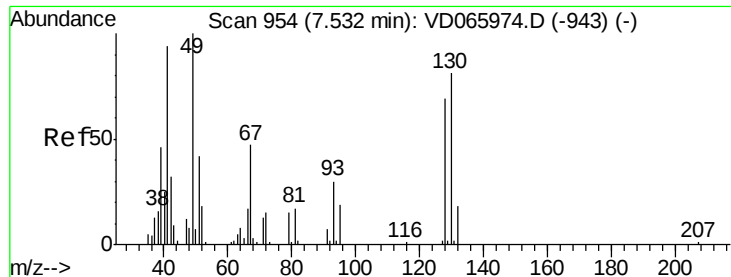
#40
Benzene
Concen: 21.571 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Tgt Ion: 78 Resp: 165171
Ion Ratio Lower Upper
78 100
77 22.5 18.6 27.8



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





#41

Methacrylonitrile

Concen: 18.219 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

ClientSampleID :

Tot Ion: 41 Resp: 10909

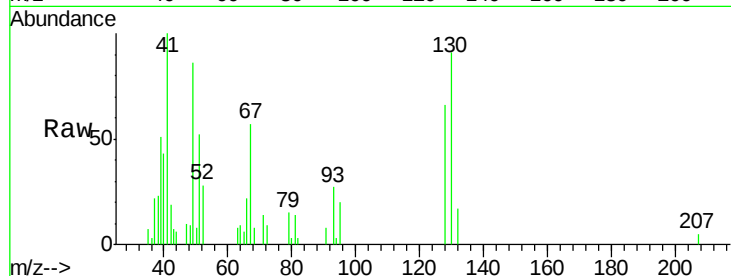
Ion Ratio Lower Upper

41 100

39 65.0 0.0 0.0#

67 82.7 0.0 0.0#

52 36.7 0.0 0.0#

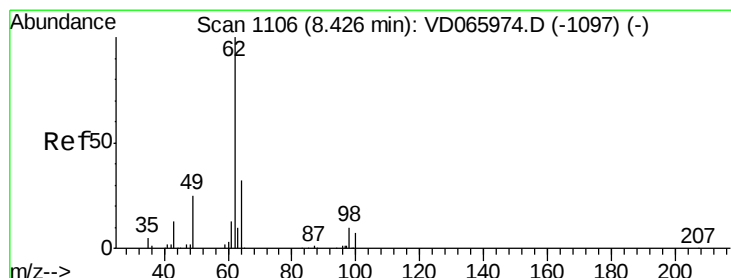
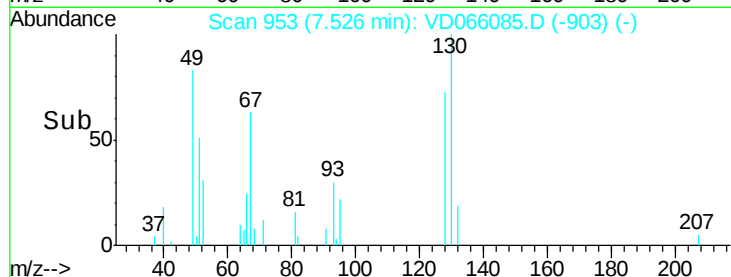
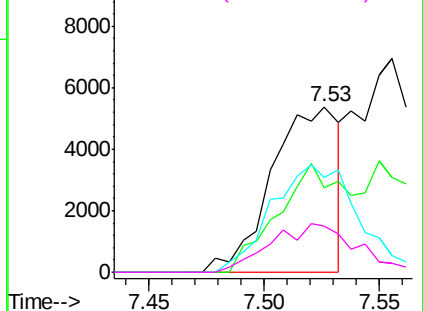


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 23.272 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD066085.D

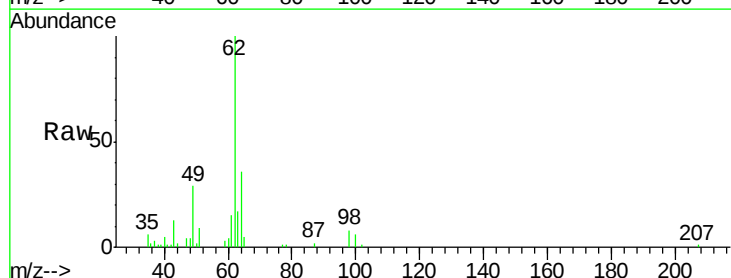
Acq: 29 Jul 2020 11:30

Tgt Ion: 62 Resp: 48829

Ion Ratio Lower Upper

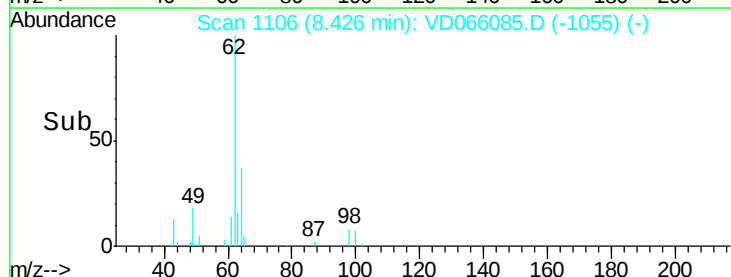
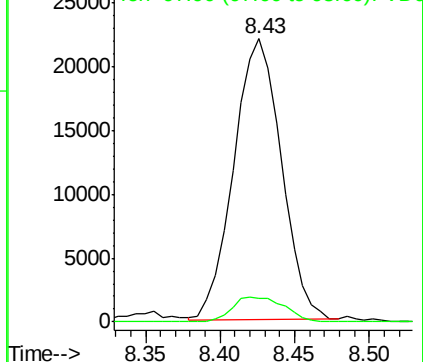
62 100

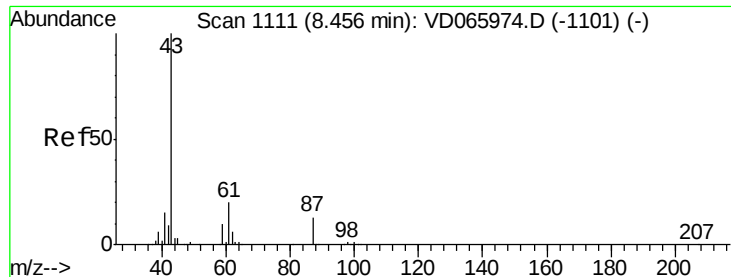
98 9.6 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.740 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

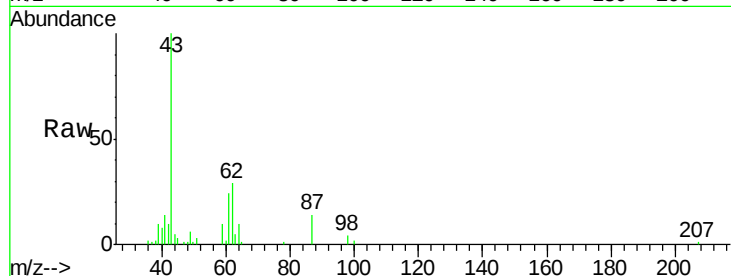
Tot Ion: 43 Resp: 40299

Ion Ratio Lower Upper

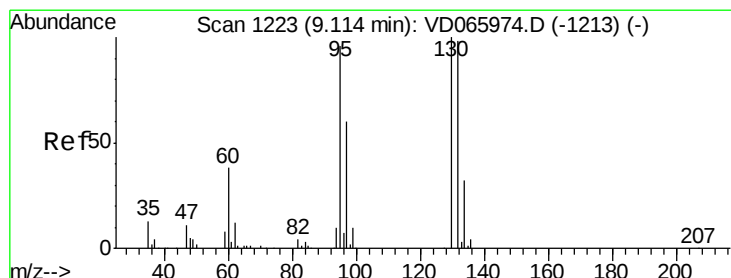
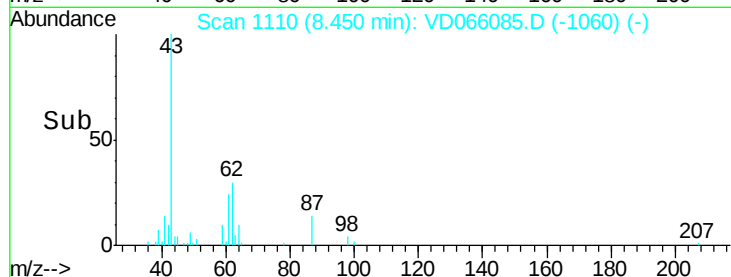
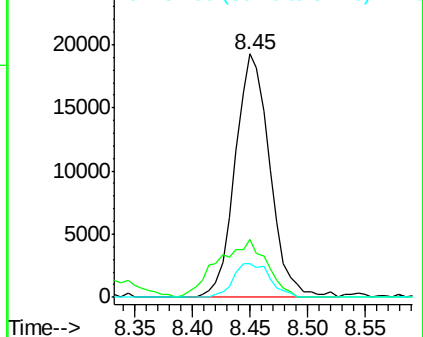
43 100

61 33.6 25.8 38.8

87 14.6 10.9 16.3



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



#44

Trichloroethene

Concen: 22.902 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD066085.D

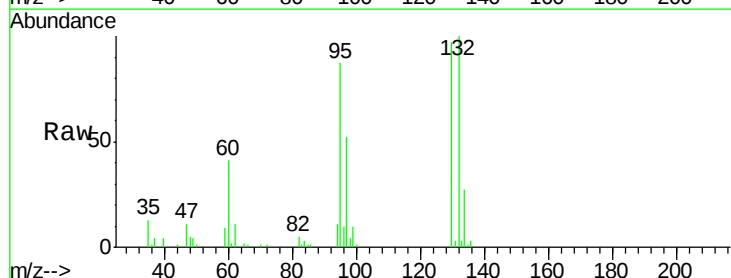
Acq: 29 Jul 2020 11:30

Tgt Ion: 130 Resp: 53067

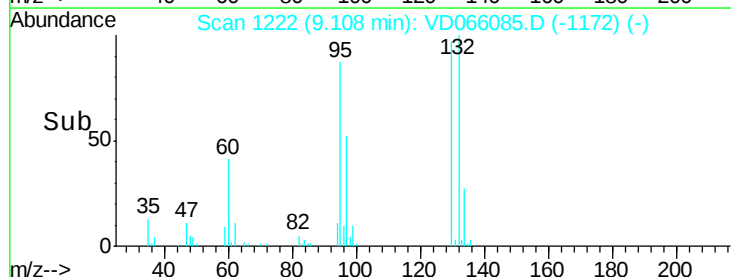
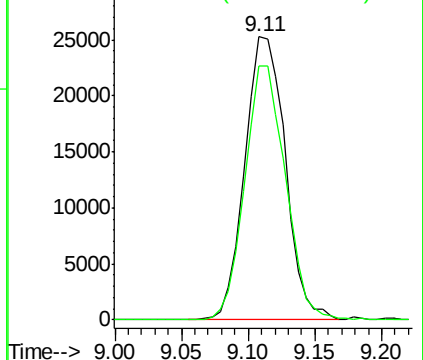
Ion Ratio Lower Upper

130 100

95 89.7 0.0 191.6



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





#45

1,2-Dichloropropane

Concen: 20.972 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

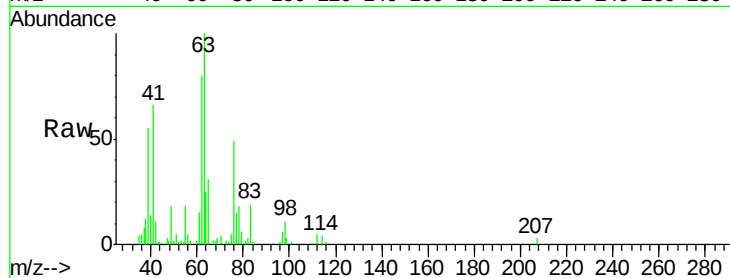
ClientSampleId :

Tot Ion: 63 Resp: 38893

Ion Ratio Lower Upper

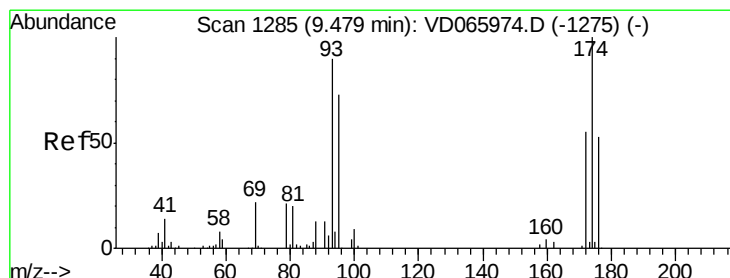
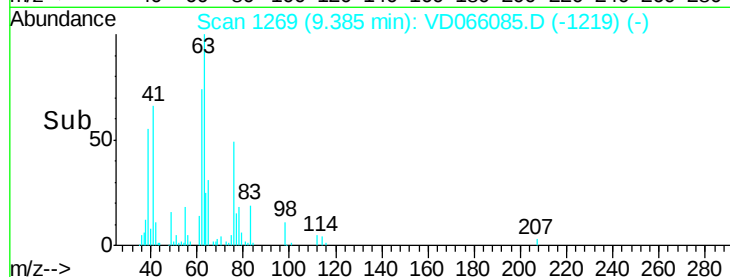
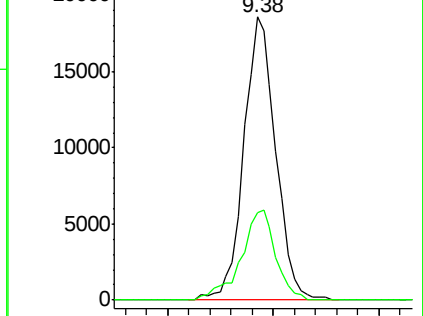
63 100

65 31.1 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 21.768 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

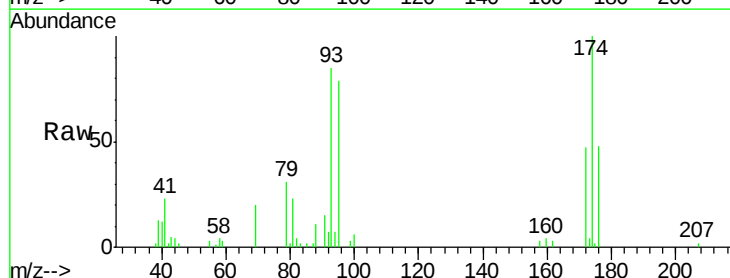
Tgt Ion: 93 Resp: 21732

Ion Ratio Lower Upper

93 100

95 85.9 66.2 99.4

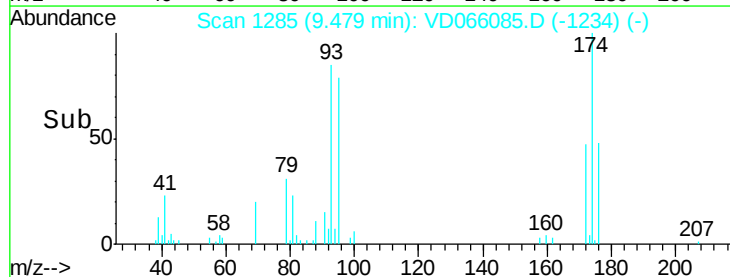
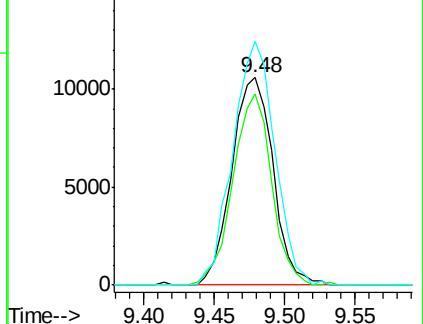
174 119.2 91.5 137.3

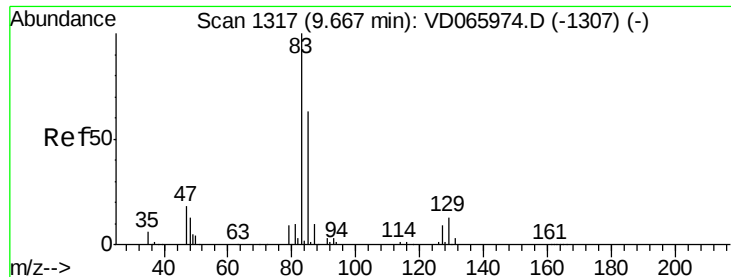


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 23.054 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

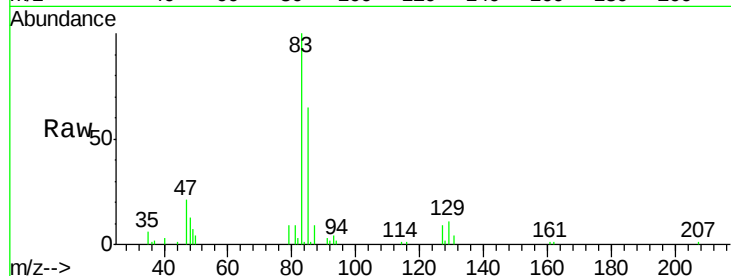
Tot Ion: 83 Resp: 60856

Ion Ratio Lower Upper

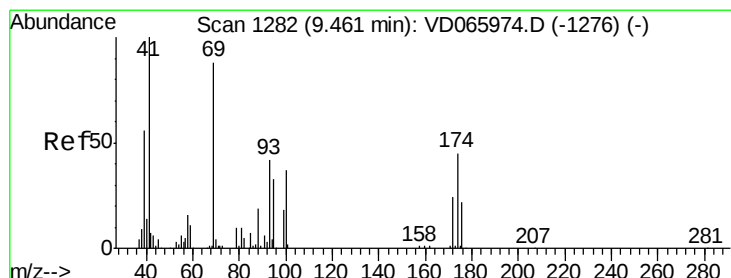
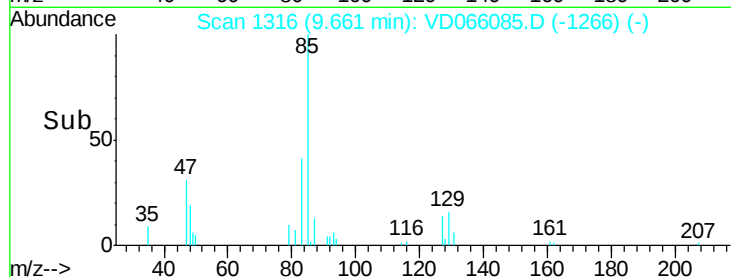
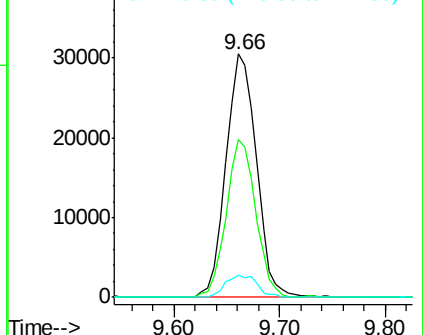
83 100

85 65.0 50.6 75.8

127 9.0 7.1 10.7



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: 19.497 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

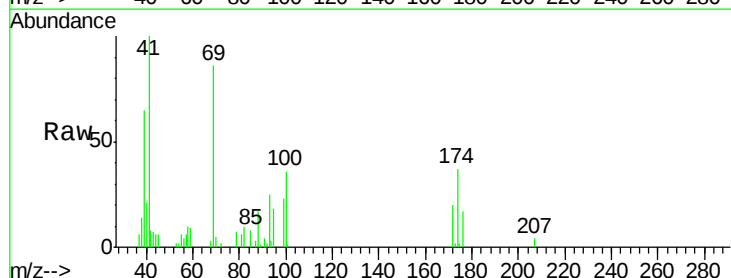
Tgt Ion: 41 Resp: 20078

Ion Ratio Lower Upper

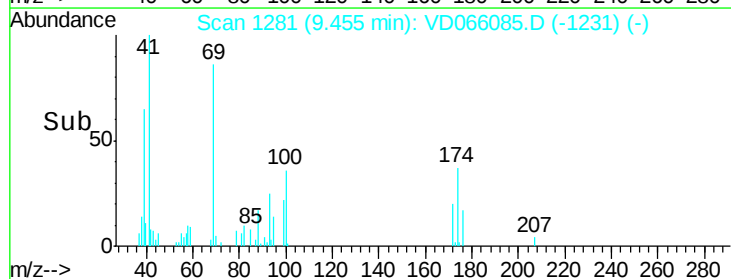
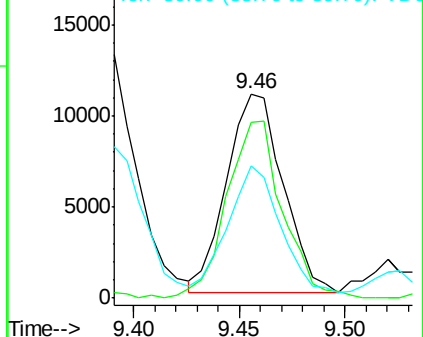
41 100

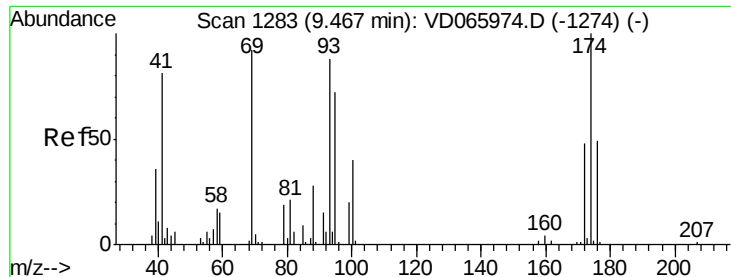
69 88.9 65.1 97.7

39 58.9 41.5 62.3



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: 421.230 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :
MSVOA_D
ClientSampleId :

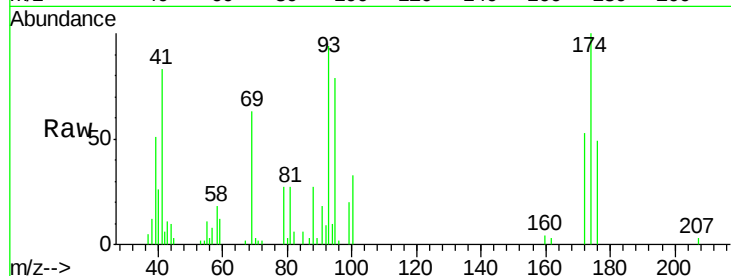
Tot Ion: 88 Resp: 4872

Ion Ratio Lower Upper

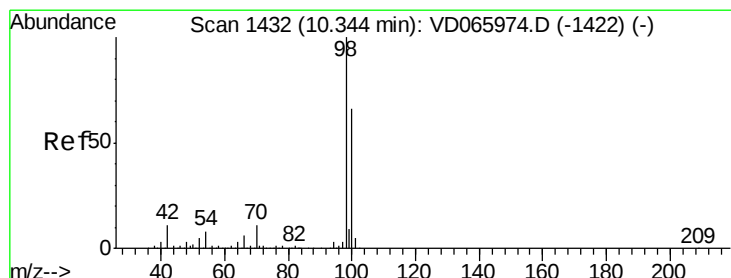
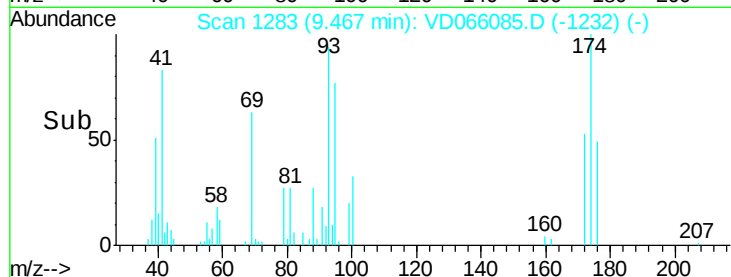
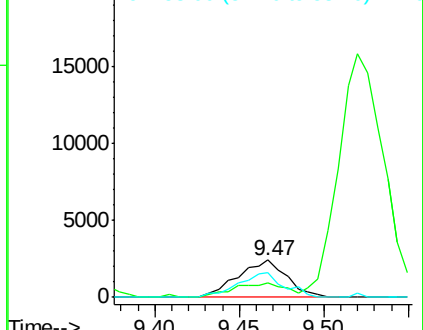
88 100

43 41.7 29.0 43.6

58 61.4 57.0 85.4



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



#50

Toluene-d8

Concen: 56.150 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066085.D

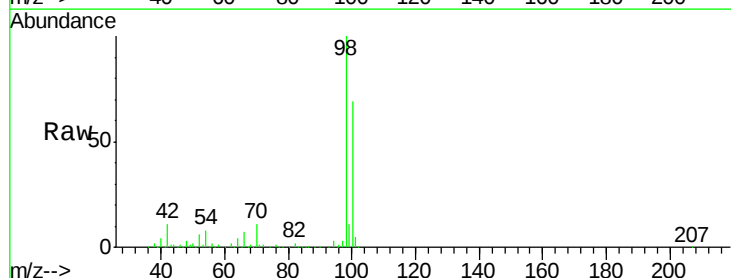
Acq: 29 Jul 2020 11:30

Tgt Ion: 98 Resp: 406861

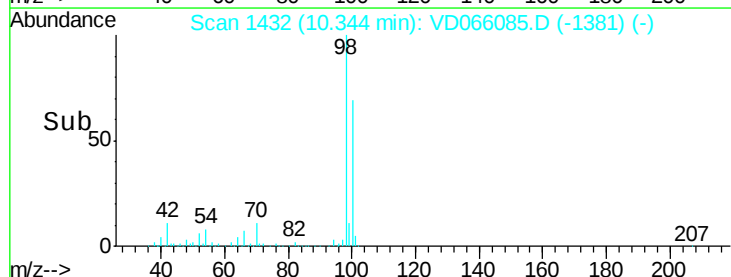
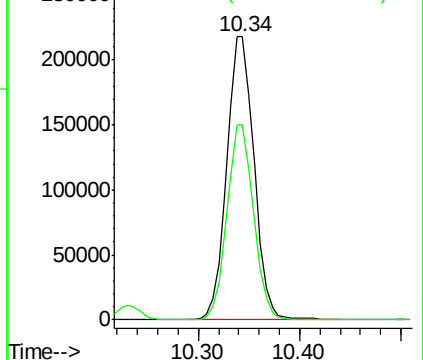
Ion Ratio Lower Upper

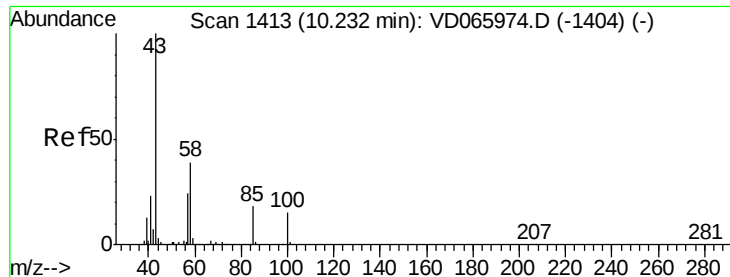
98 100

100 67.5 52.7 79.1



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





#51

4-Methyl-2-Pentanone

Concen: 96.258 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

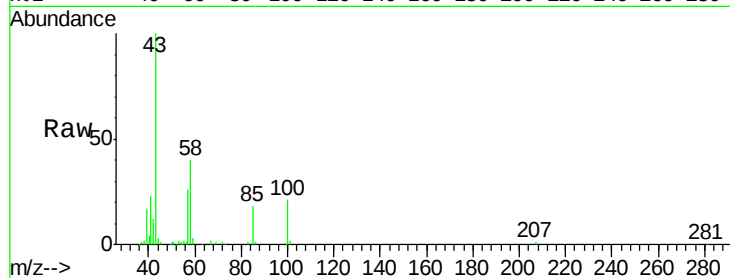
ClientSampled :

Tot Ion: 43 Resp: 99014

Ion Ratio Lower Upper

43 100

58 39.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

60000

50000

40000

30000

20000

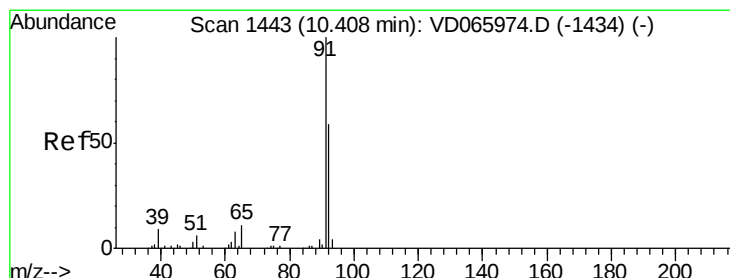
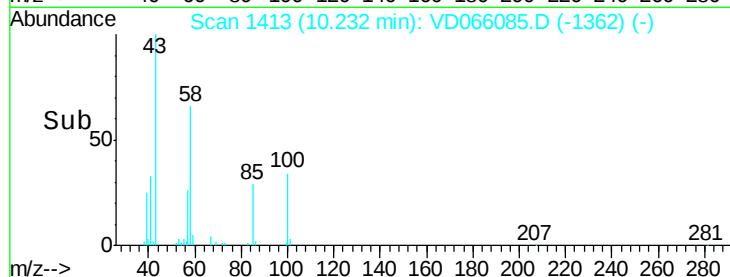
10000

0

Time-->

10.20

10.30



#52

Toluene

Concen: 22.467 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD066085.D

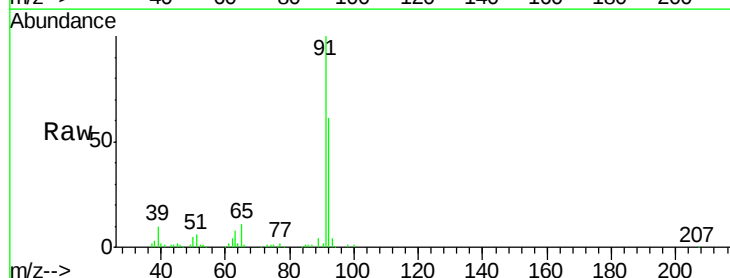
Acq: 29 Jul 2020 11:30

Tgt Ion: 92 Resp: 112190

Ion Ratio Lower Upper

92 100

91 176.7 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

120000

100000

80000

60000

40000

20000

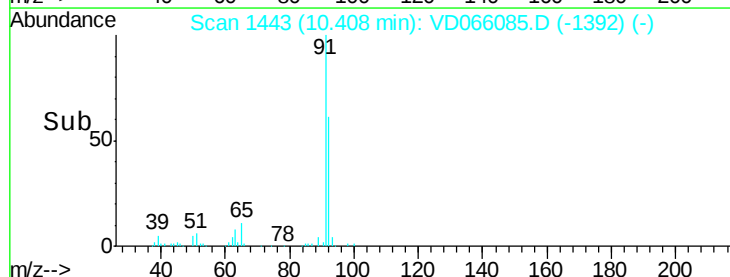
0

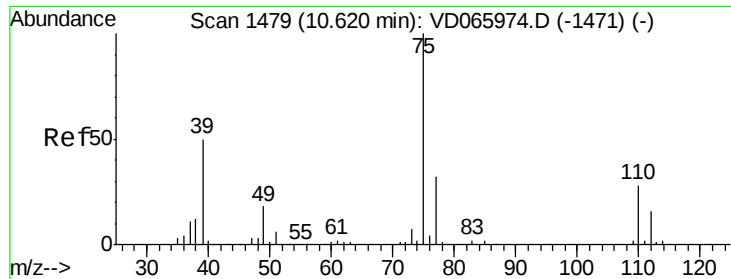
Time-->

10.30

10.40

10.50





#53

t-1,3-Dichloropropene

Concen: 22.579 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

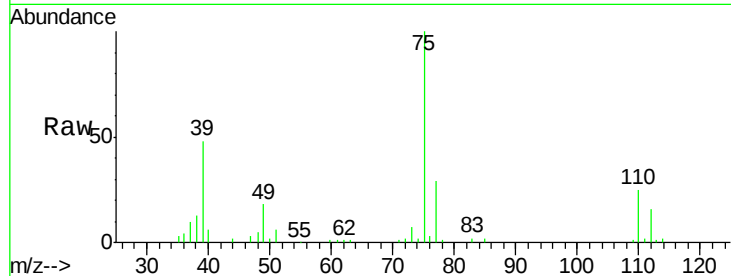
ClientSampled :

Tot Ion: 75 Resp: 55527

Ion Ratio Lower Upper

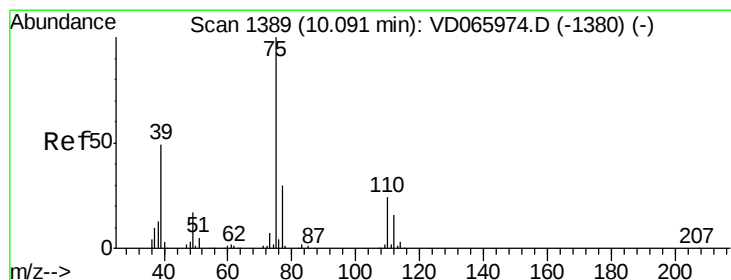
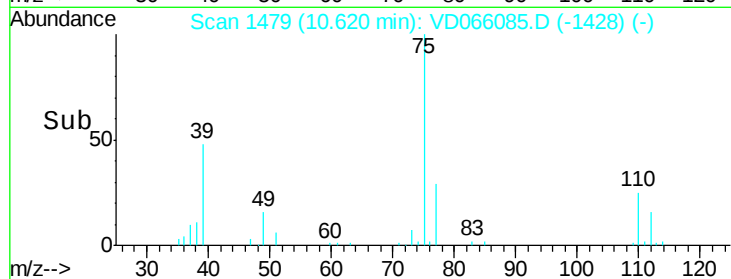
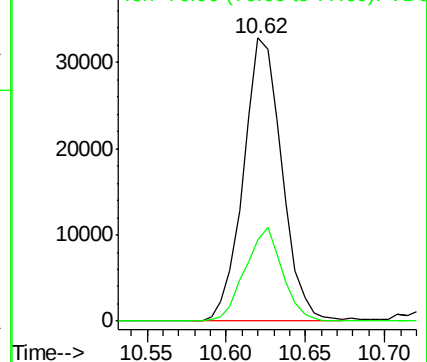
75 100

77 28.8 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: 21.875 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

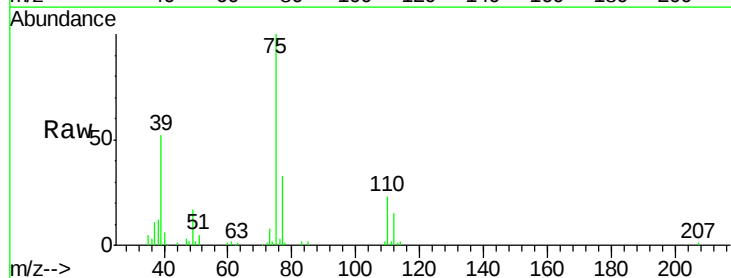
Tgt Ion: 75 Resp: 65210

Ion Ratio Lower Upper

75 100

77 32.6 23.8 35.8

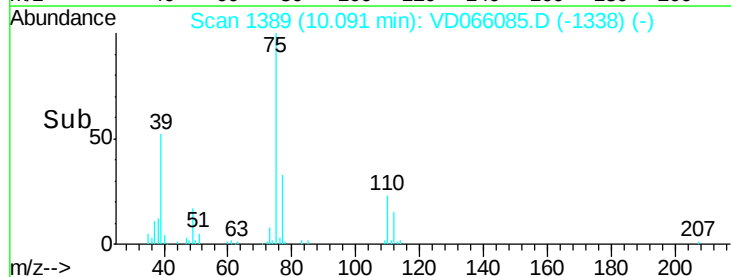
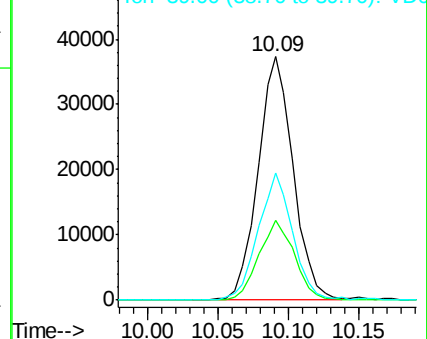
39 52.3 38.8 58.2

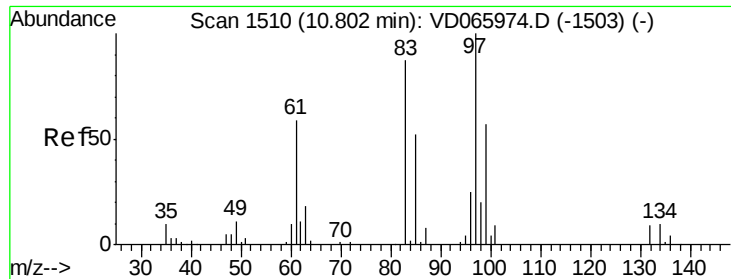


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

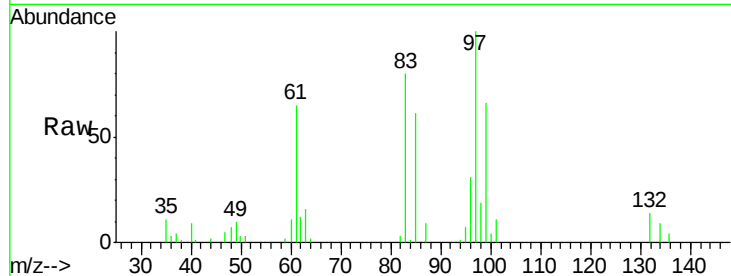




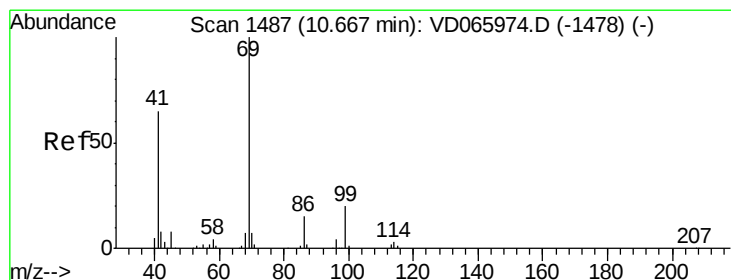
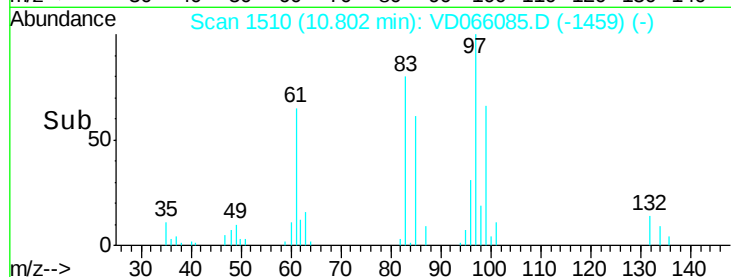
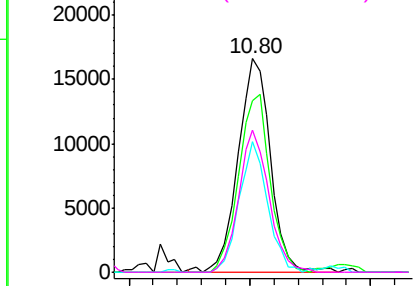
#55
 1,1,2-Trichloroethane
 Concen: 22.033 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	31196
Ion	Ratio	Lower	Upper
97	100		
83	80.4	69.7	104.5
85	61.1	41.6	62.4
99	66.5	45.9	68.9

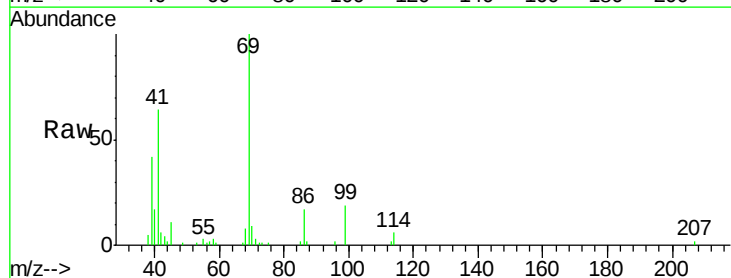


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

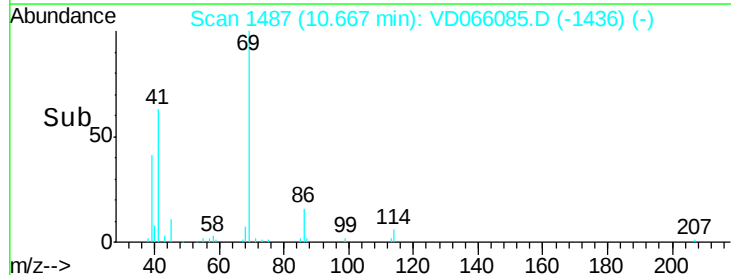
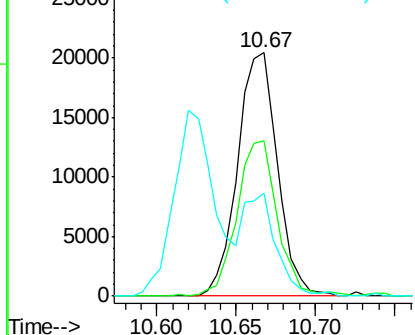


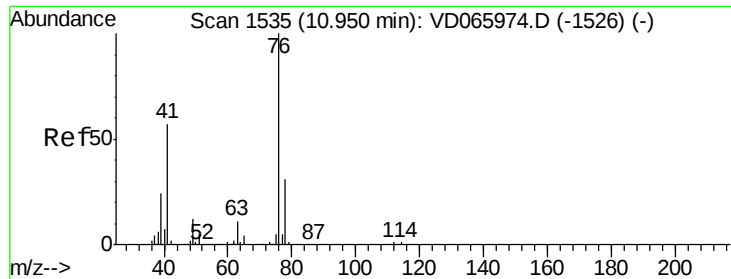
#56
 Ethyl methacrylate
 Concen: 21.710 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

Tgt Ion:	69	Resp:	35738
Ion	Ratio	Lower	Upper
69	100		
41	65.0	52.3	78.5
39	34.5	25.2	37.8



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

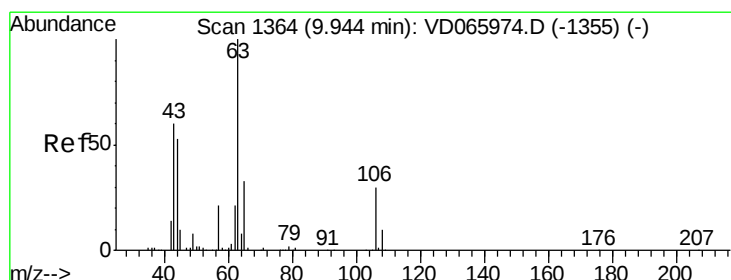
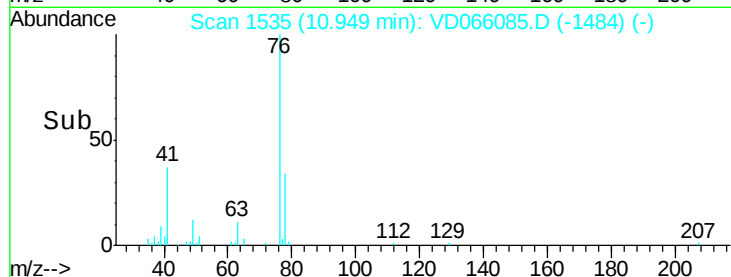
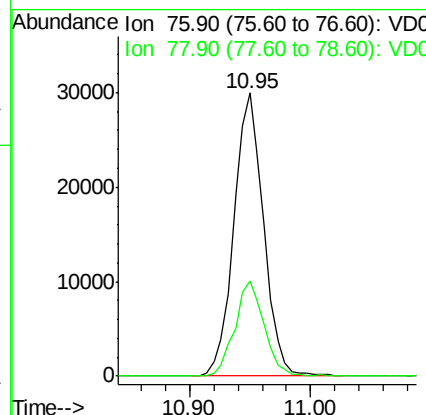
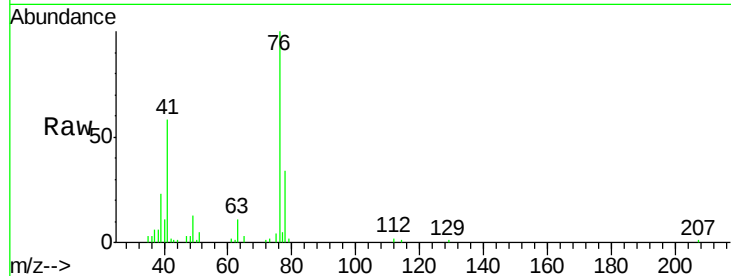




#57
 1,3-Dichloropropane
 Concen: 21.772 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

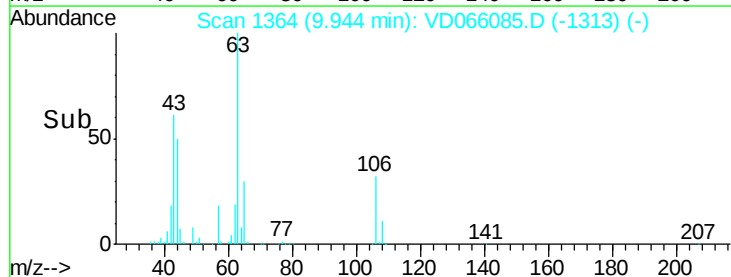
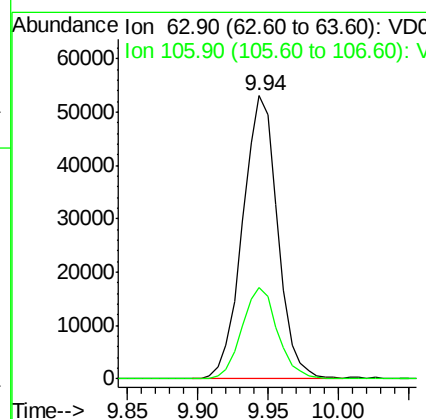
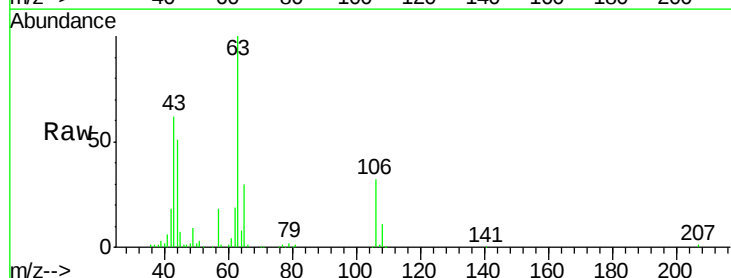
Instrument :
 MSVOA_D
 ClientSampled :

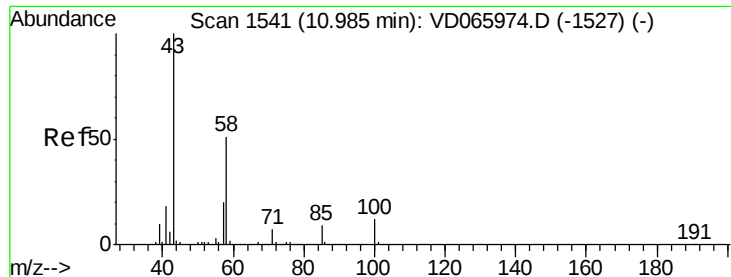
Tot Ion: 76 Resp: 51032
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.533 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

Tgt Ion: 63 Resp: 92426
 Ion Ratio Lower Upper
 63 100
 106 32.7 24.4 36.6

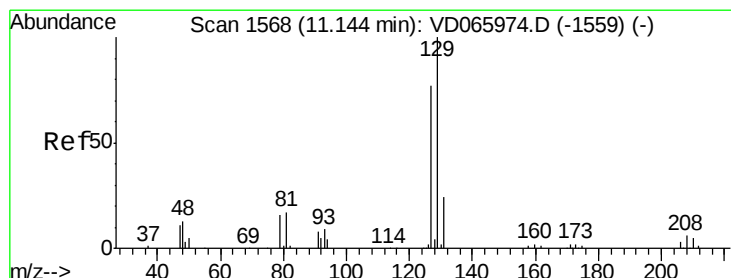
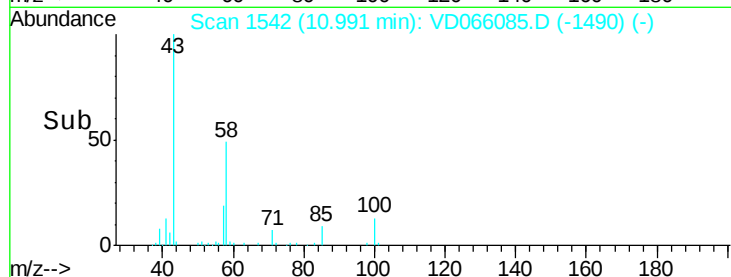
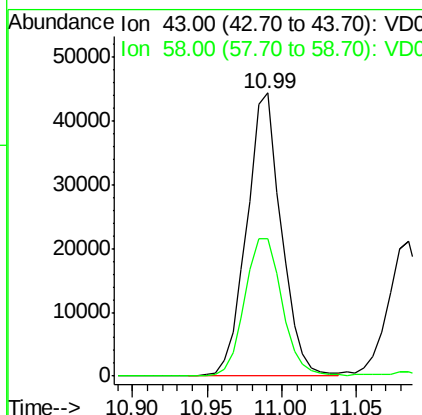
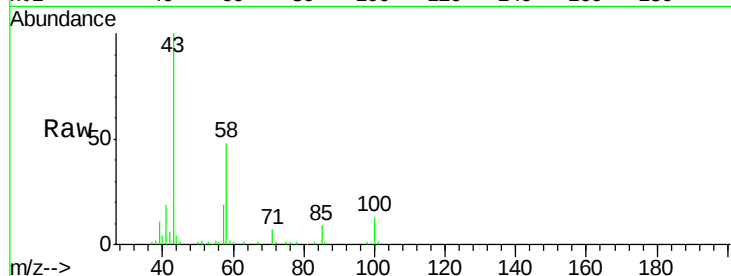




#59
2-Hexanone
Concen: 99.885 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

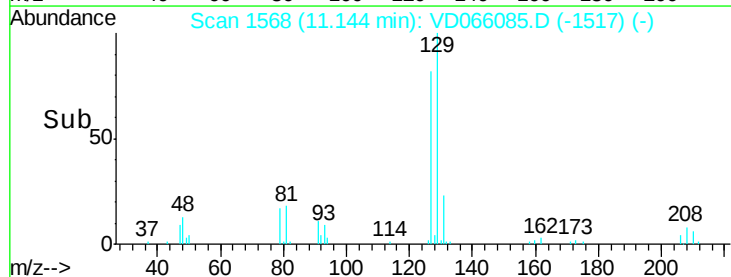
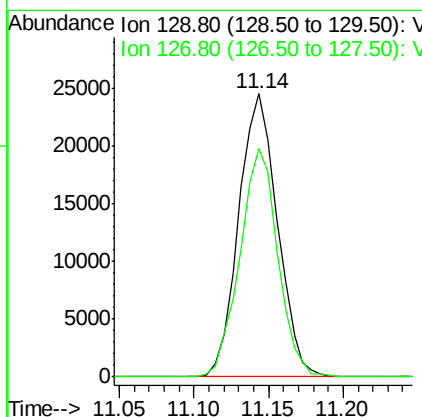
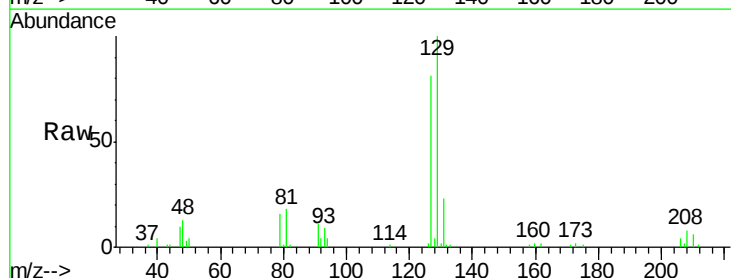
Instrument :
MSVOA_D
ClientSampleId :

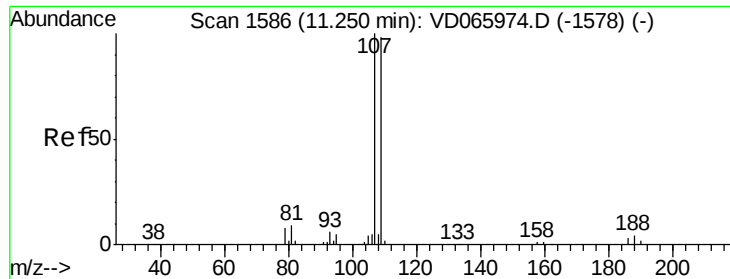
Tot Ion: 43 Resp: 71201
Ion Ratio Lower Upper
43 100
58 52.5 26.2 78.6



#60
Dibromochloromethane
Concen: 23.112 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Tgt Ion: 129 Resp: 44122
Ion Ratio Lower Upper
129 100
127 79.1 38.6 115.7

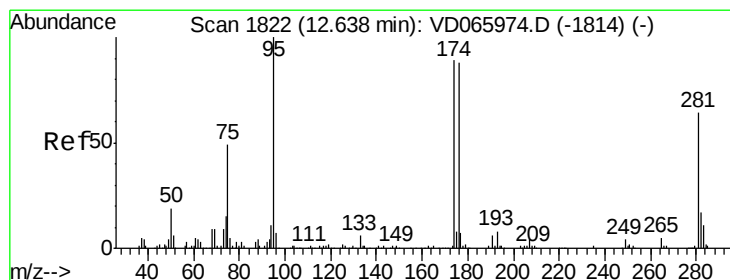
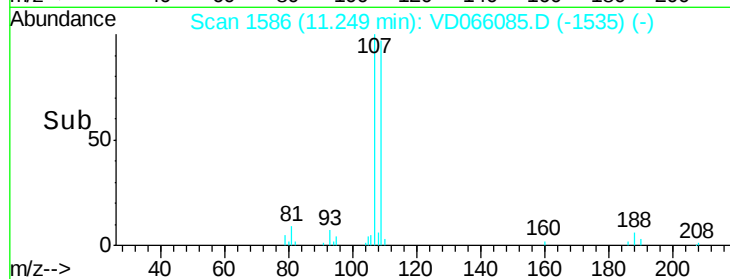
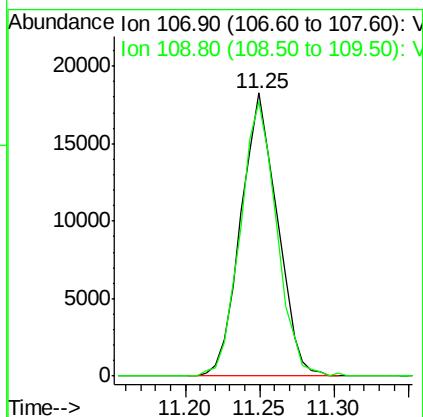
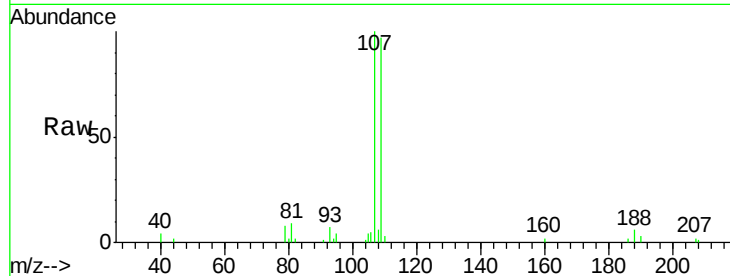




#61
 1,2-Dibromoethane
 Concen: 22.755 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

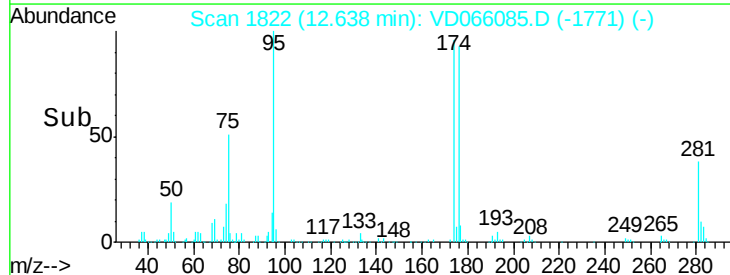
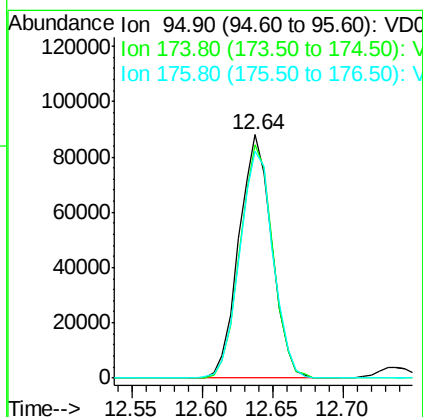
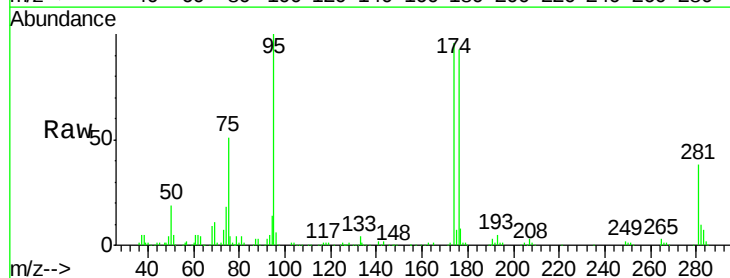
Instrument :
 MSVOA_D
 ClientSampleId :

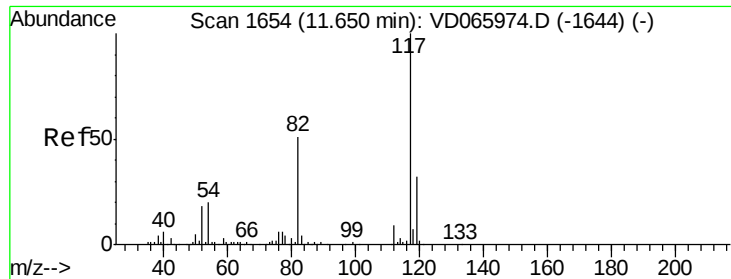
Tot Ion:107 Resp: 31064
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 57.090 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

Tgt Ion: 95 Resp: 143438
 Ion Ratio Lower Upper
 95 100
 174 95.4 0.0 178.8
 176 94.8 0.0 172.6

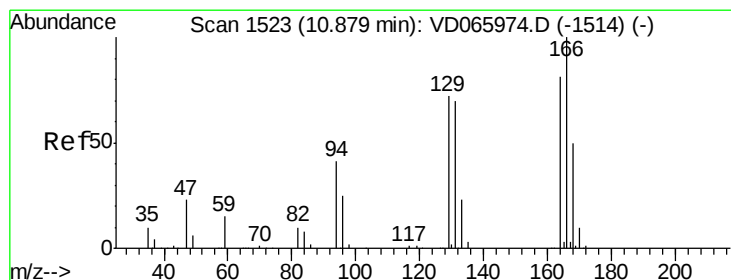
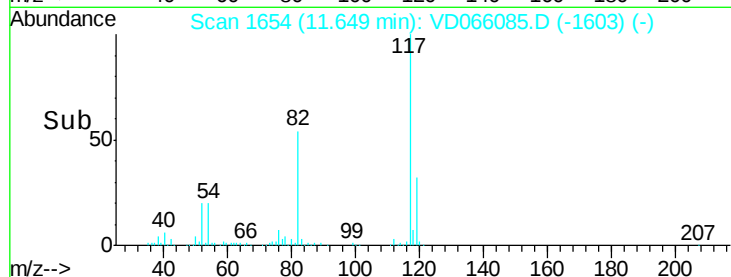
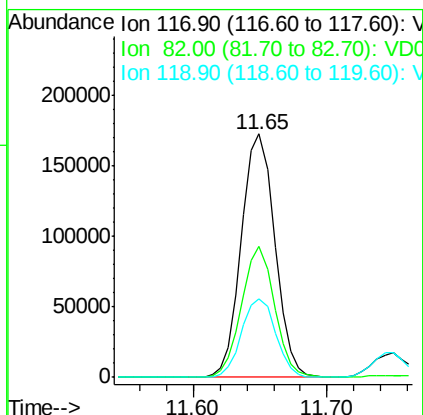
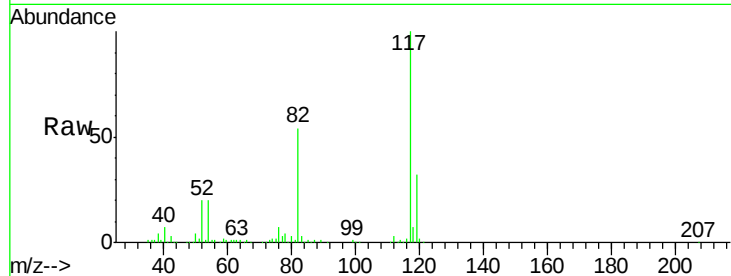




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

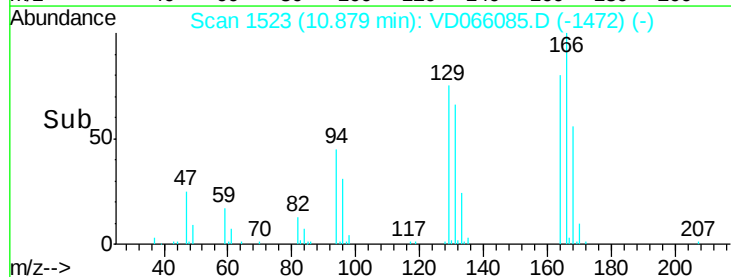
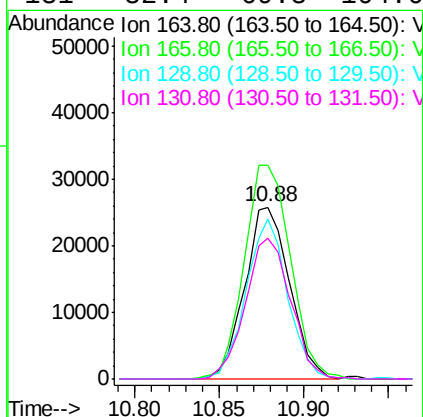
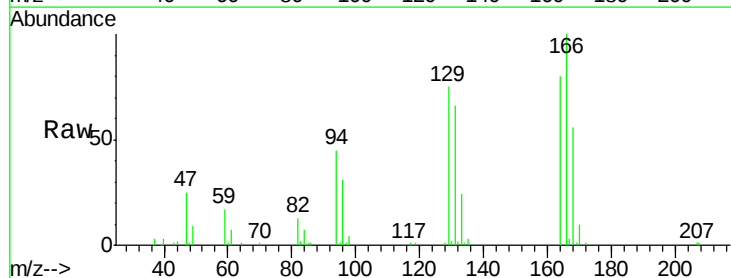
Instrument :
MSVOA_D
ClientSampled :

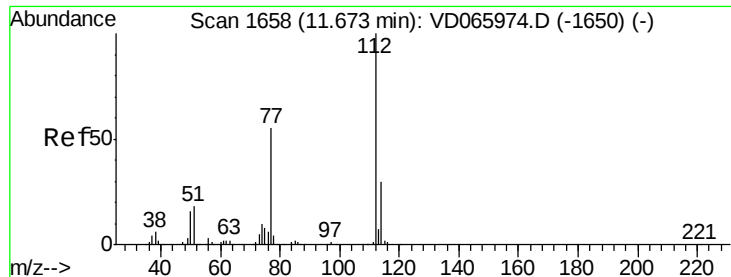
Tot Ion:117 Resp: 301393
Ion Ratio Lower Upper
117 100
82 53.9 41.1 61.7
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 23.281 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Tgt Ion:164 Resp: 47626
Ion Ratio Lower Upper
164 100
166 124.5 99.1 148.7
129 93.0 71.5 107.3
131 82.4 69.8 104.6

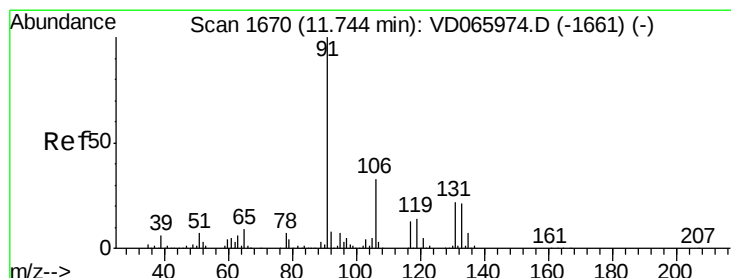
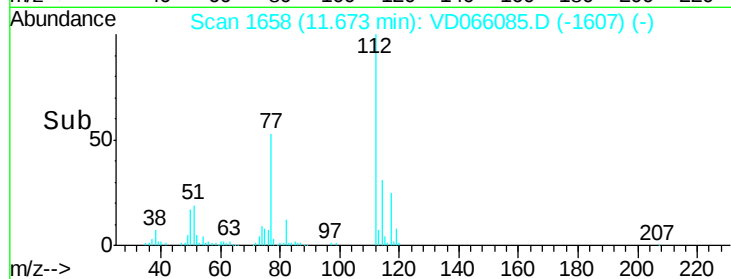
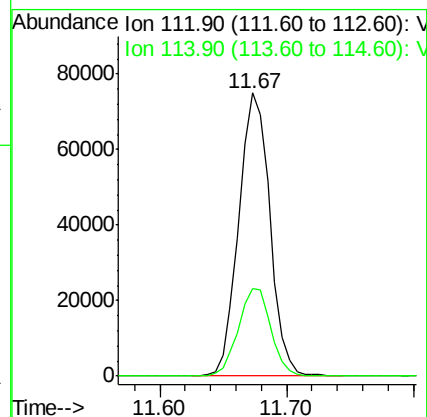
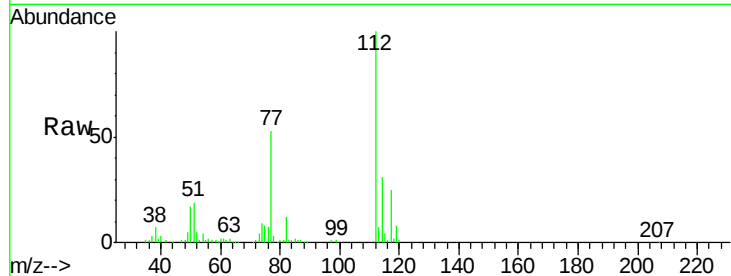




#65
Chlorobenzene
Concen: 23.127 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

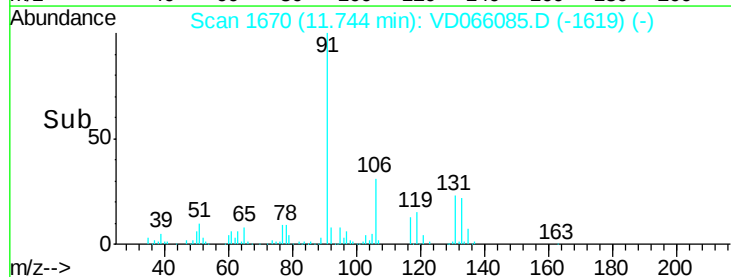
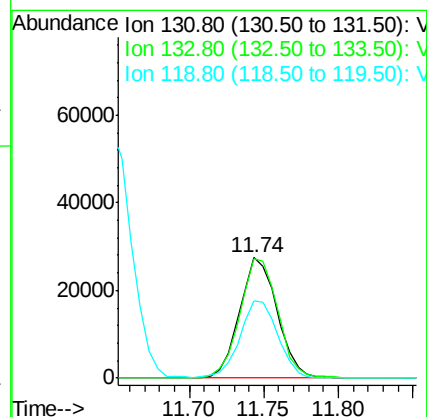
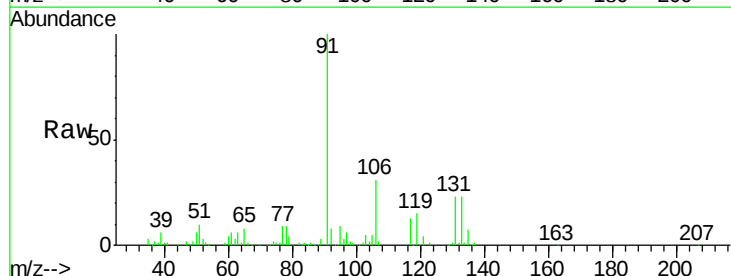
Instrument :
MSVOA_D
ClientSampleId :

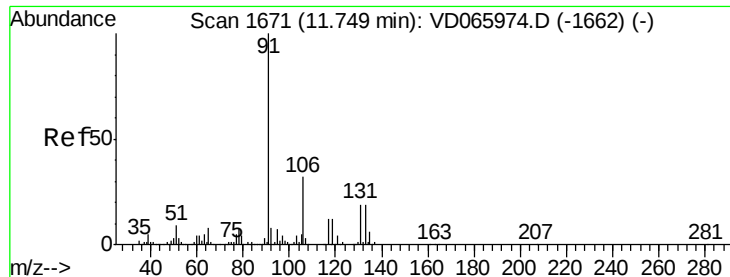
Tot Ion:112 Resp: 127621
Ion Ratio Lower Upper
112 100
114 31.0 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 23.678 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Tgt Ion:131 Resp: 48247
Ion Ratio Lower Upper
131 100
133 99.7 47.3 142.0
119 64.9 31.7 95.1





#67

Ethyl Benzene

Concen: 23.027 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

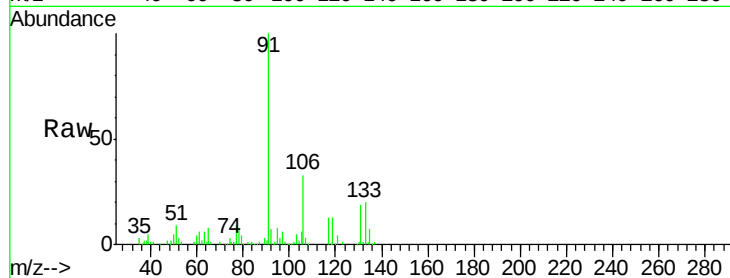
ClientSampled :

Tot Ion: 91 Resp: 218679

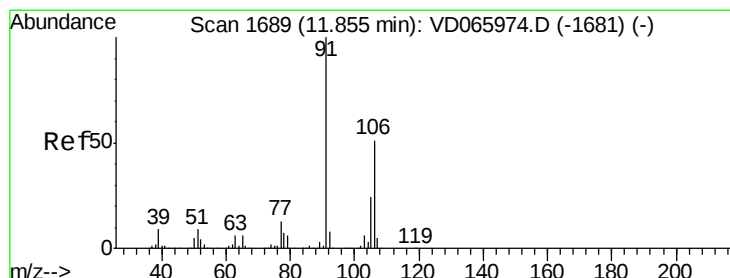
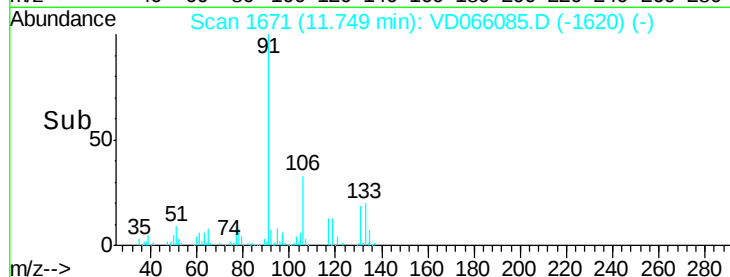
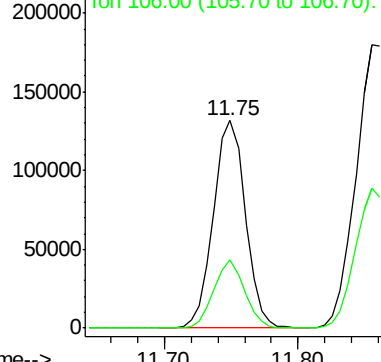
Ion Ratio Lower Upper

91 100

106 33.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VD066085.D (-1620) (-)



#68

m/p-Xylenes

Concen: 47.163 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066085.D

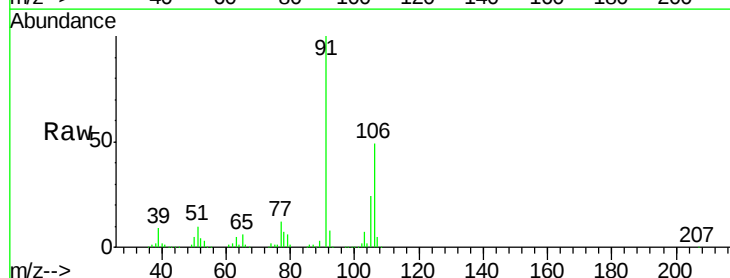
Acq: 29 Jul 2020 11:30

Tgt Ion: 106 Resp: 172150

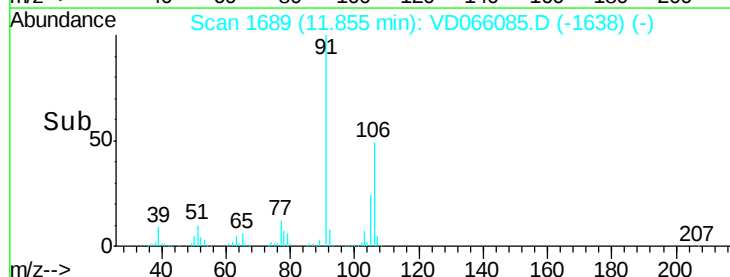
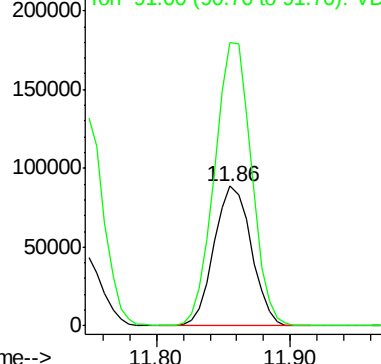
Ion Ratio Lower Upper

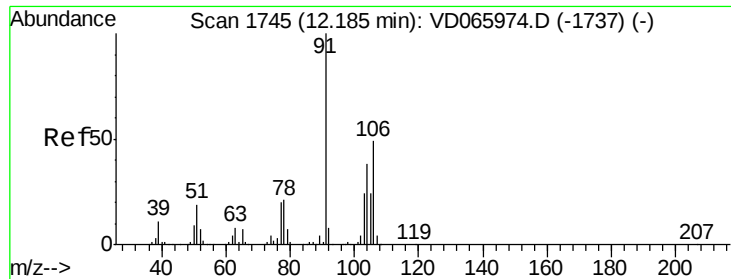
106 100

91 199.5 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): VD066085.D (-1638) (-)

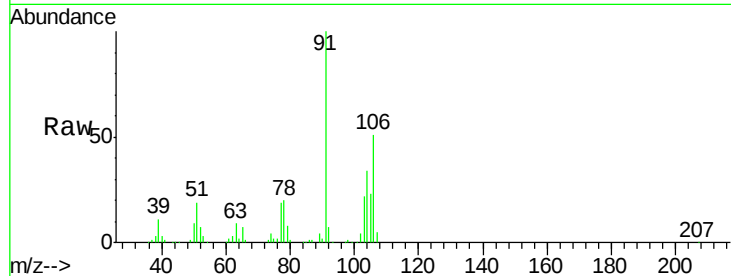




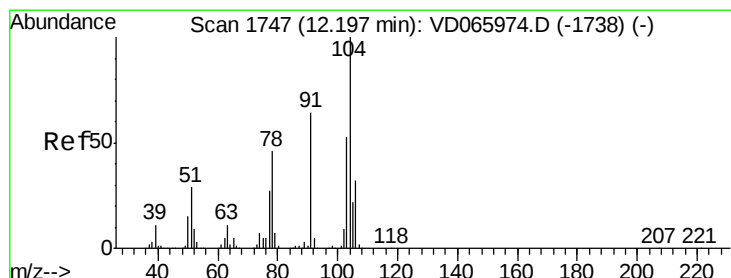
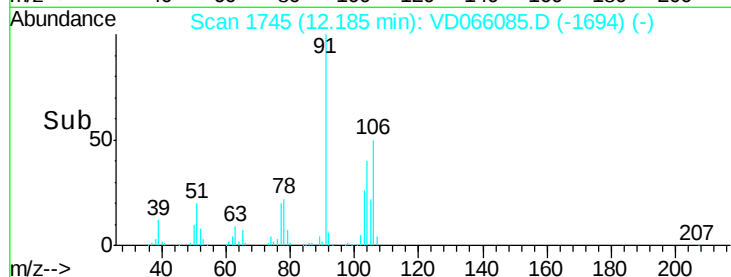
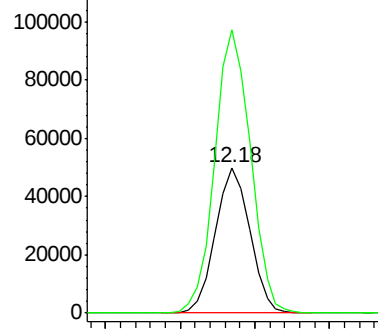
#69
o-Xylene
Concen: 24.156 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 80196
Ion Ratio Lower Upper
106 100
91 200.6 103.1 309.3

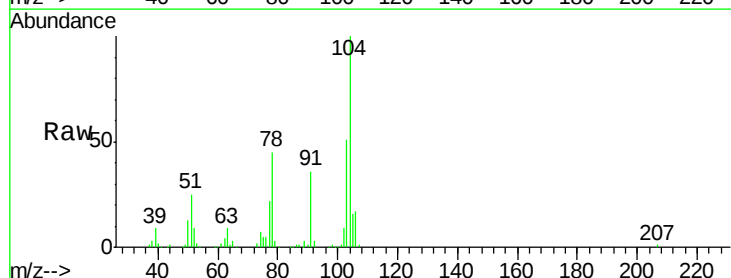


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

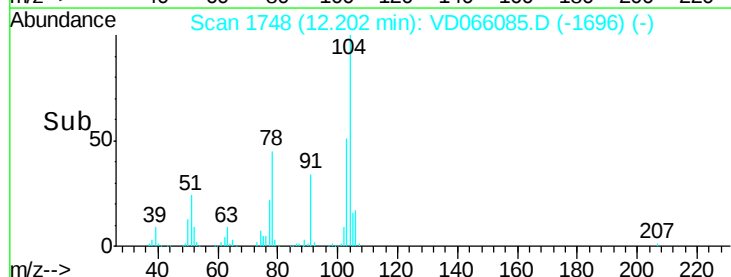
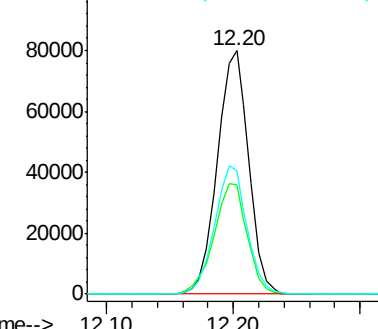


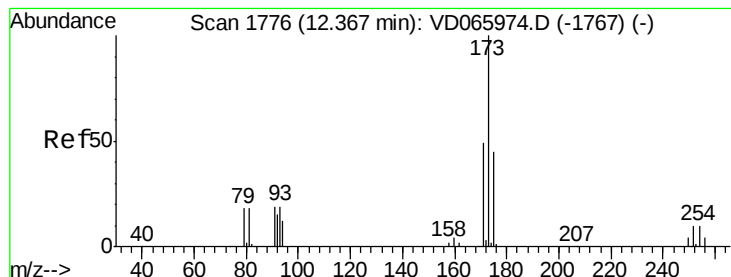
#70
Styrene
Concen: 23.988 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Tgt Ion:104 Resp: 136828
Ion Ratio Lower Upper
104 100
78 48.2 38.3 57.5
103 54.3 43.8 65.8



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





#71

Bromoform

Concen: 22.722 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

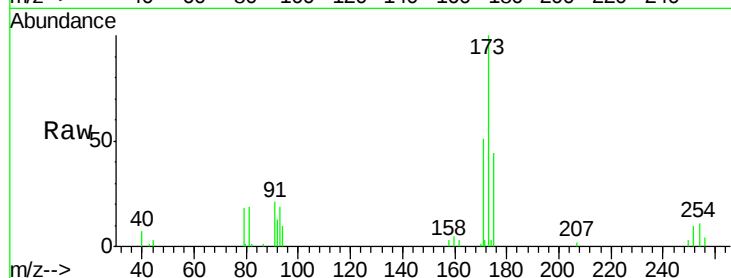
Tot Ion:173 Resp: 27120

Ion Ratio Lower Upper

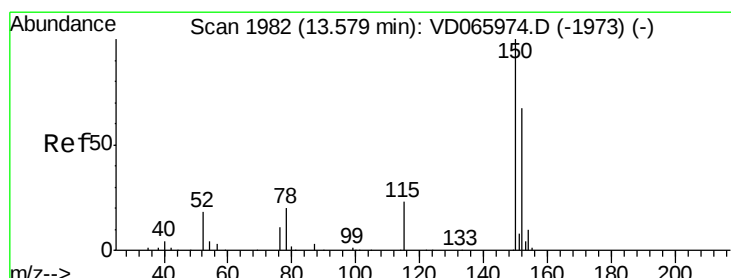
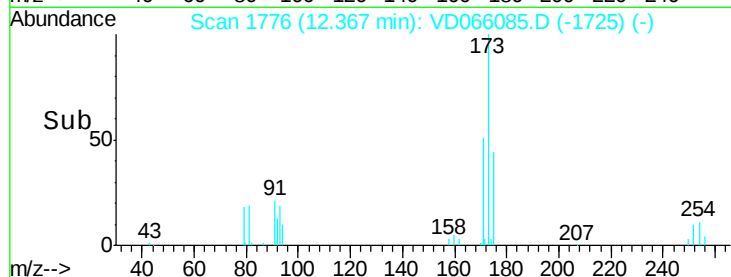
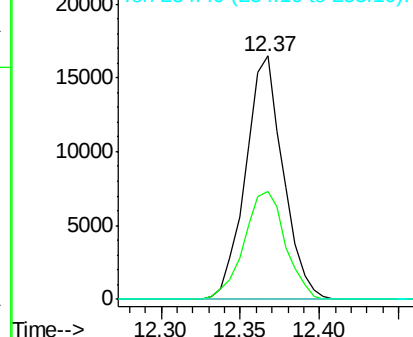
173 100

175 48.7 24.1 72.3

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

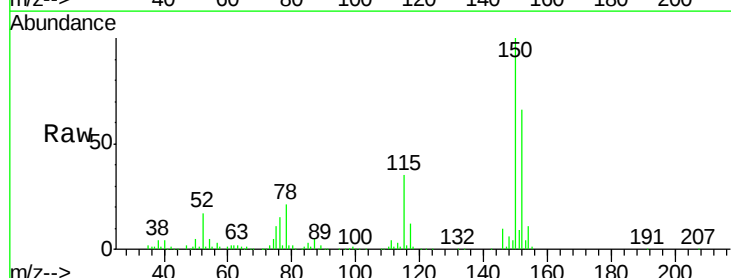
Tgt Ion:152 Resp: 169884

Ion Ratio Lower Upper

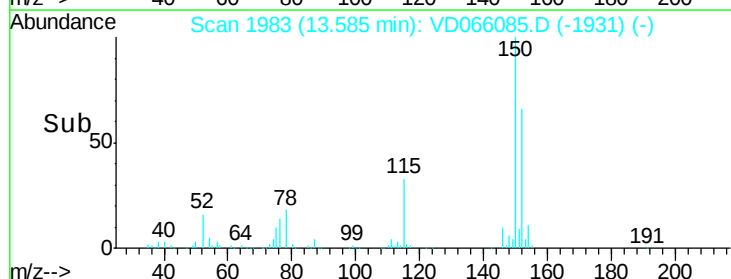
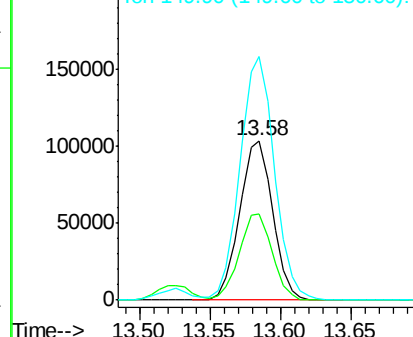
152 100

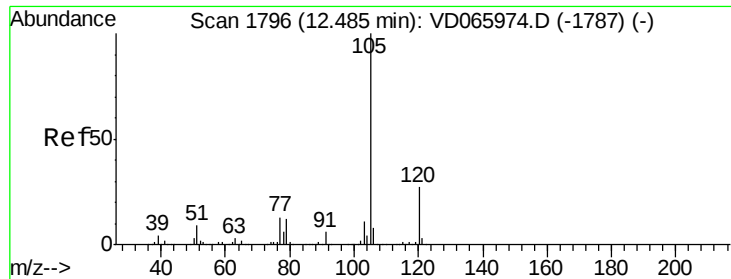
115 53.7 27.9 83.7

150 159.3 0.0 348.2



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: 21.504 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

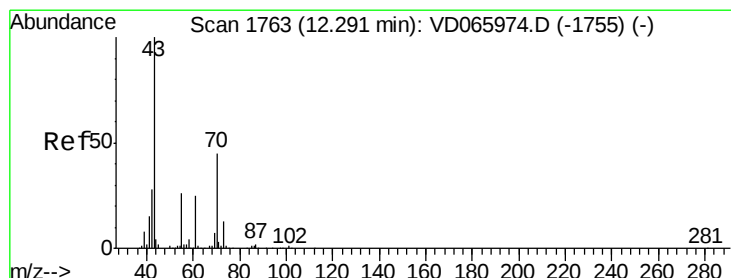
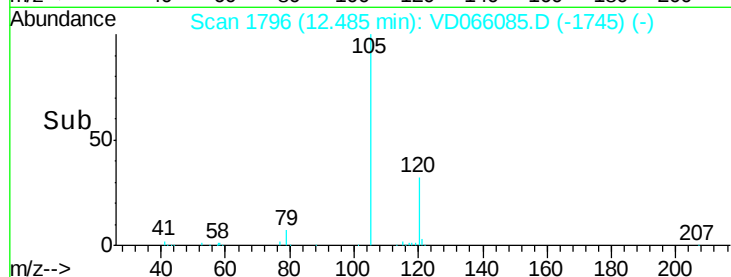
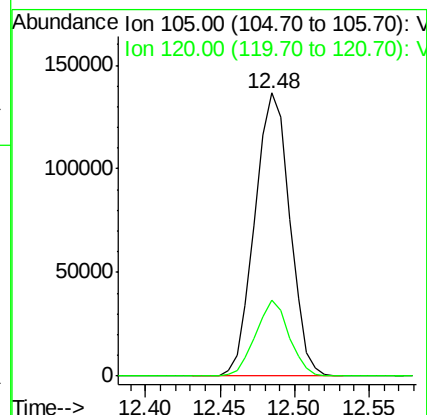
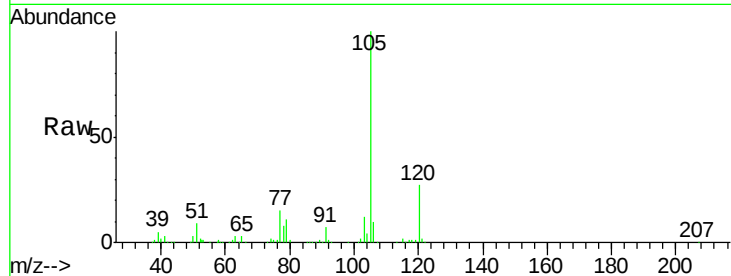
ClientSampled :

Tot Ion:105 Resp: 221058

Ion Ratio Lower Upper

105 100

120 25.6 13.6 40.8



#74

N-ethyl acetate

Concen: 17.878 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Tgt Ion: 43 Resp: 38105

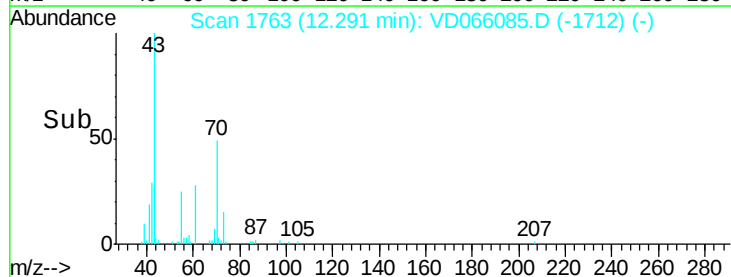
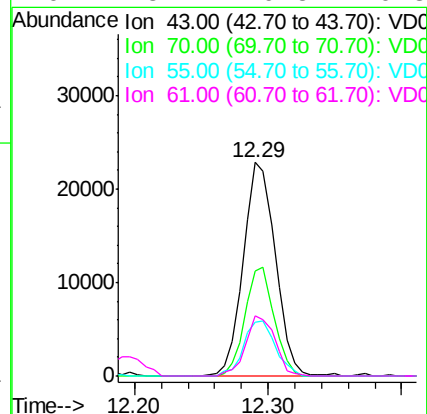
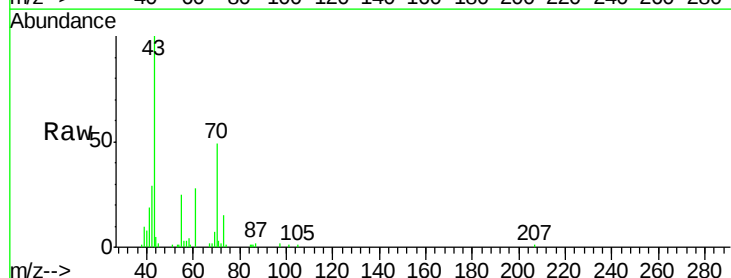
Ion Ratio Lower Upper

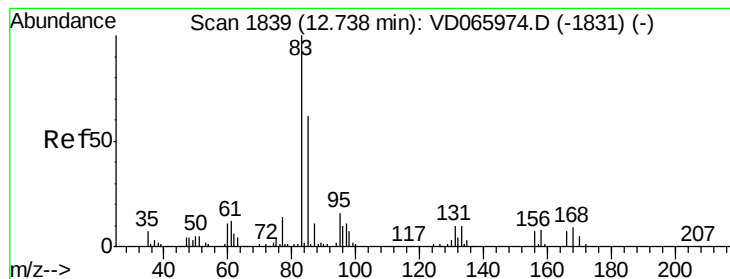
43 100

70 45.5 34.6 51.8

55 25.4 20.3 30.5

61 25.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.199 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

ClientSampled :

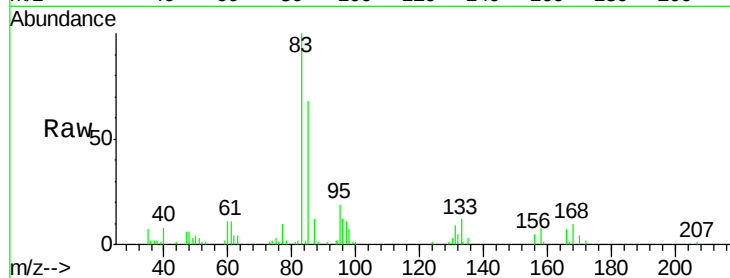
Tot Ion: 83 Resp: 32617

Ion Ratio Lower Upper

83 100

131 12.1 5.7 17.1

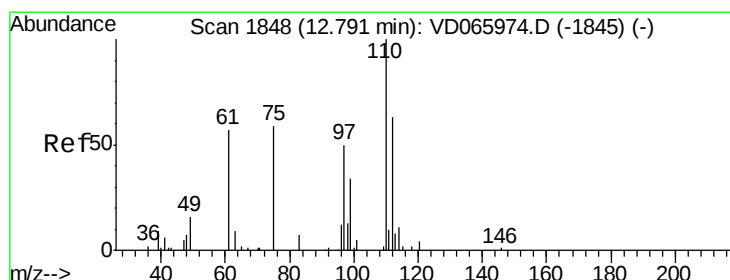
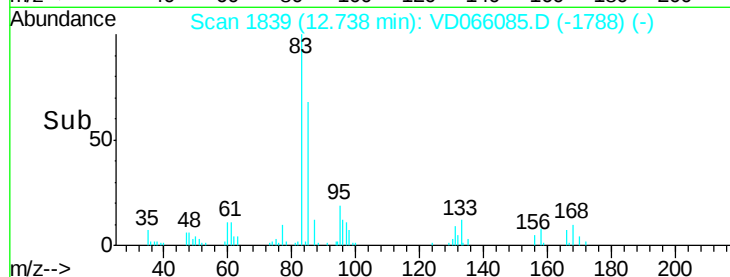
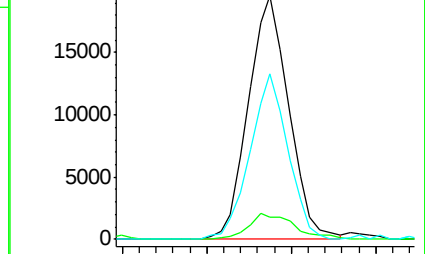
85 63.9 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 34.194 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD066085.D

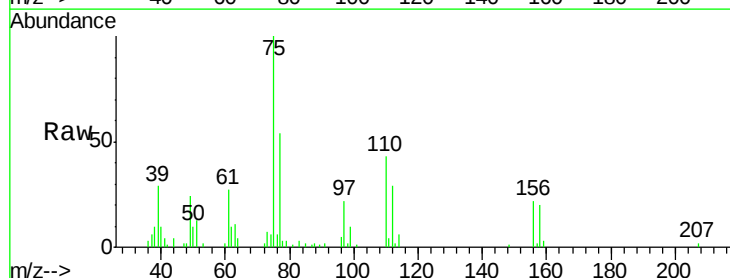
Acq: 29 Jul 2020 11:30

Tgt Ion: 75 Resp: 43739

Ion Ratio Lower Upper

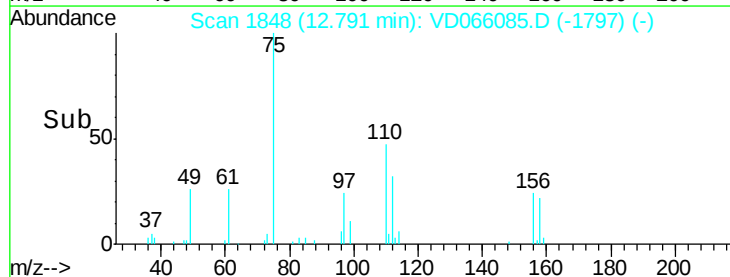
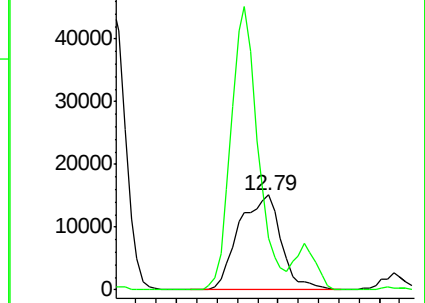
75 100

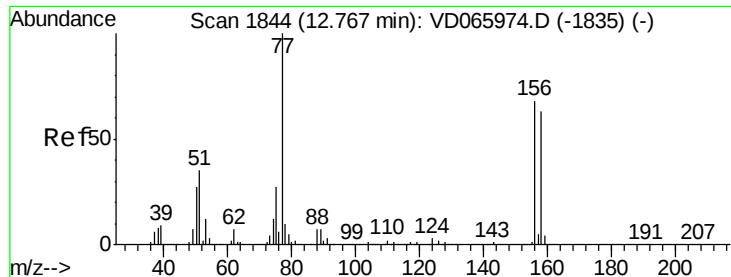
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.843 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

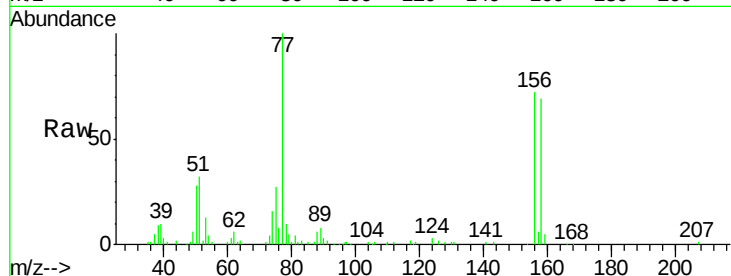
Tot Ion:156 Resp: 54756

Ion Ratio Lower Upper

156 100

77 153.5 83.0 249.0

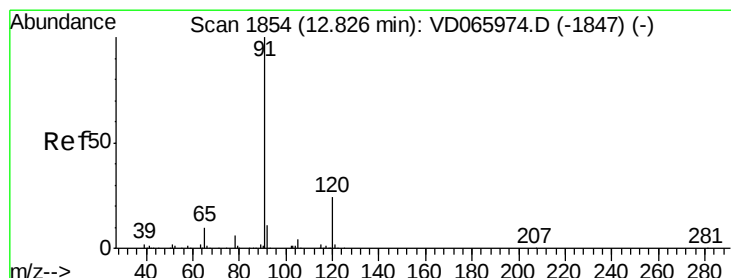
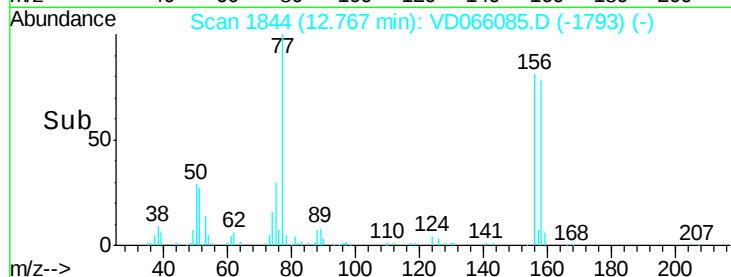
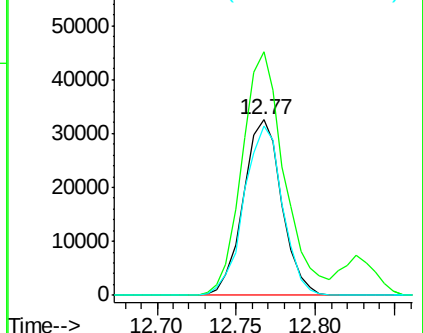
158 96.7 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.623 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD066085.D

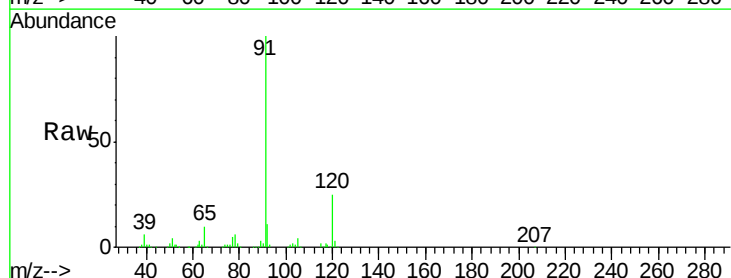
Acq: 29 Jul 2020 11:30

Tgt Ion: 91 Resp: 257930

Ion Ratio Lower Upper

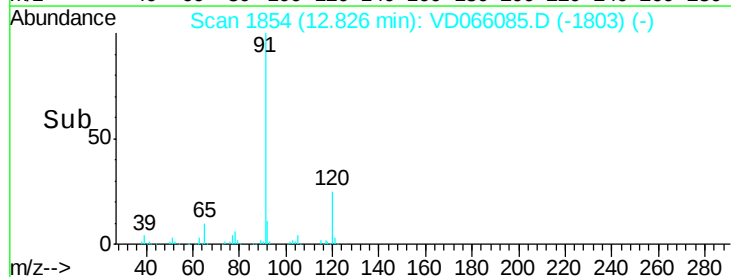
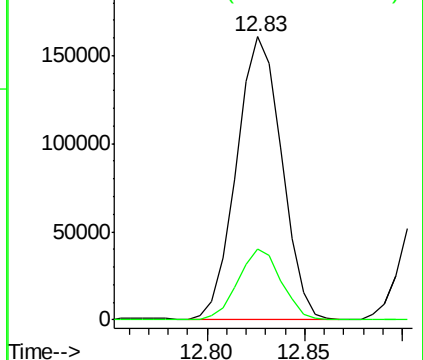
91 100

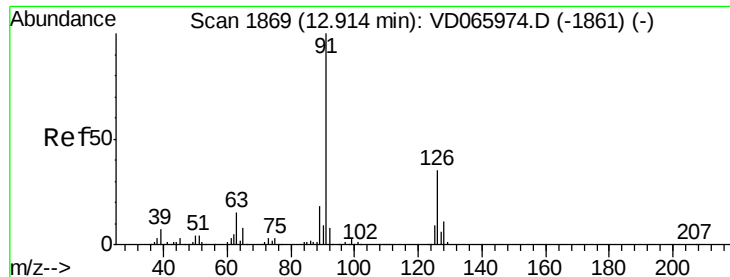
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

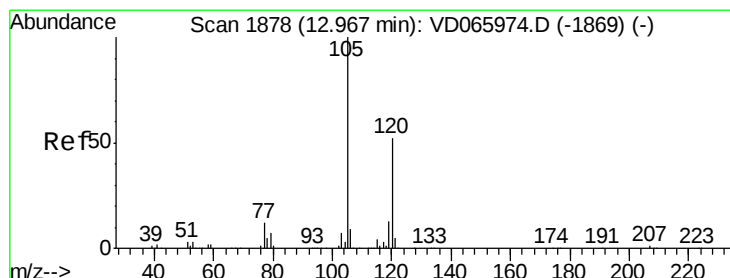
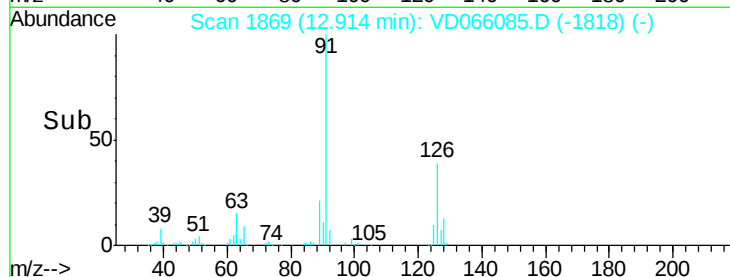
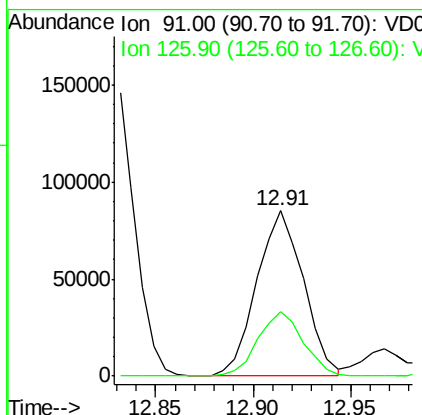
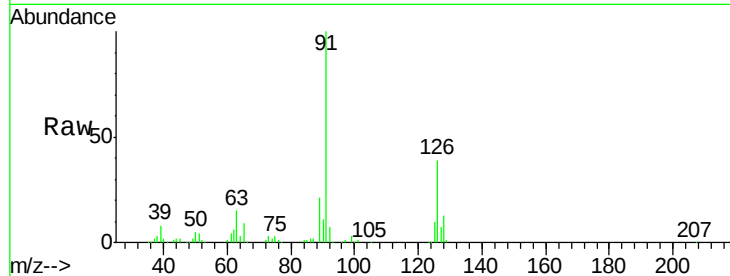




#79
 2-Chlorotoluene
 Concen: 20.764 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

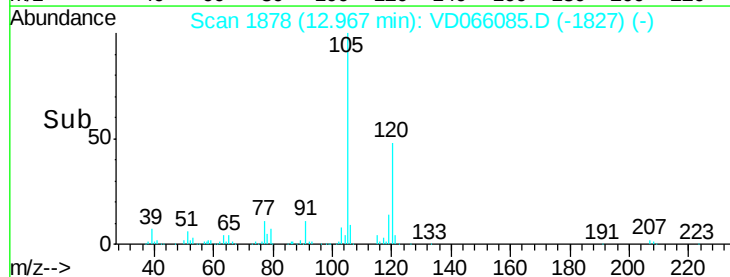
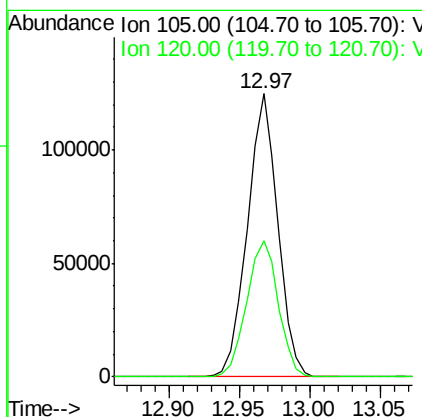
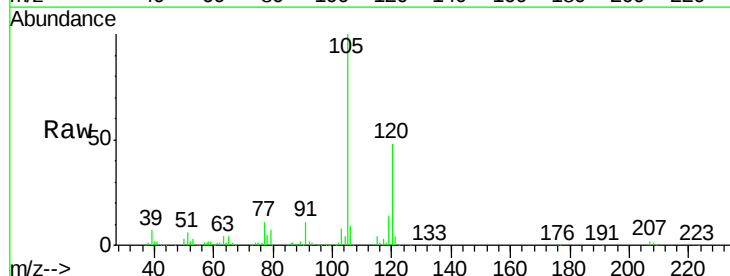
Instrument :
 MSVOA_D
 ClientSampleId :

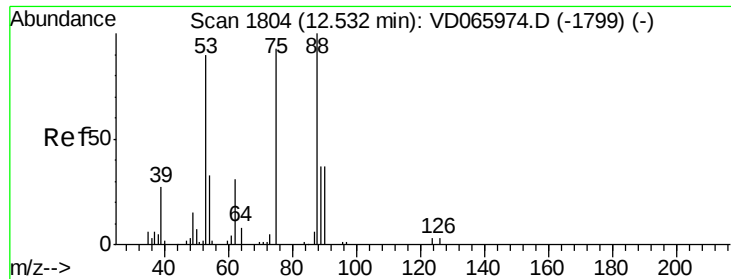
Tot Ion: 91 Resp: 141501
 Ion Ratio Lower Upper
 91 100
 126 37.7 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 22.329 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

Tgt Ion: 105 Resp: 188584
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.6 76.6

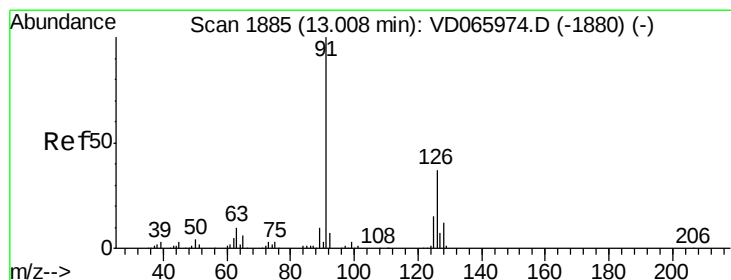
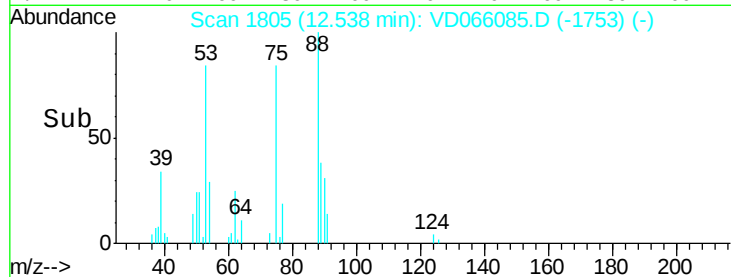
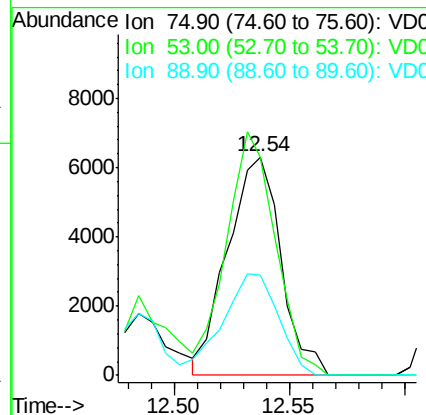
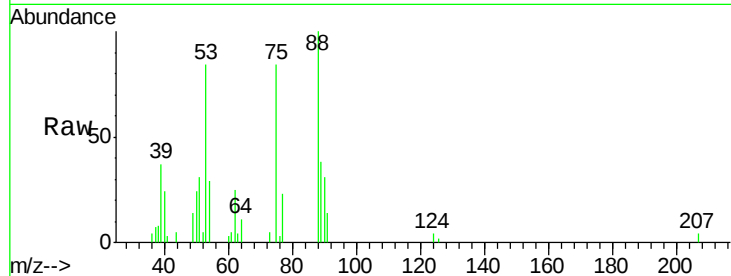




#81
trans-1,4-Dichloro-2-butene
Concen: 18.194 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. 0.01 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

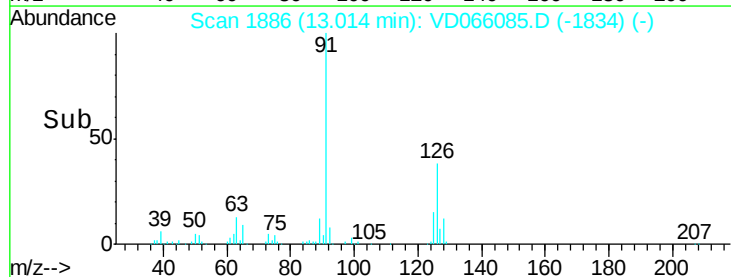
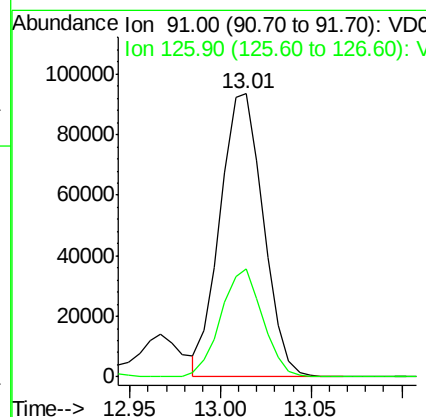
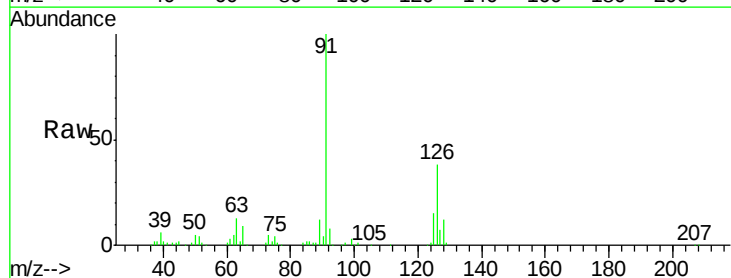
Instrument :
MSVOA_D
ClientSampleId :

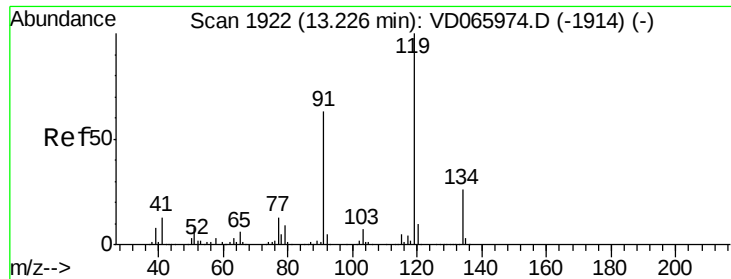
Tot Ion: 75 Resp: 10142
Ion Ratio Lower Upper
75 100
53 102.3 76.8 115.2
89 49.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.618 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Tgt Ion: 91 Resp: 155499
Ion Ratio Lower Upper
91 100
126 36.9 17.8 53.5

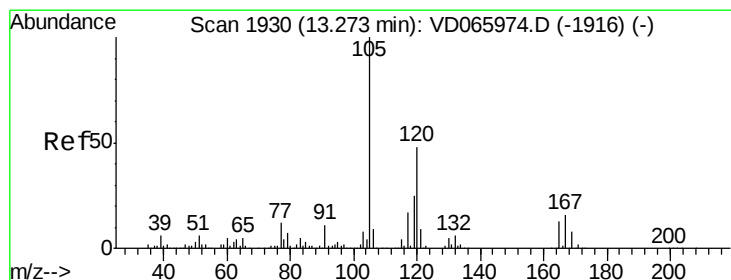
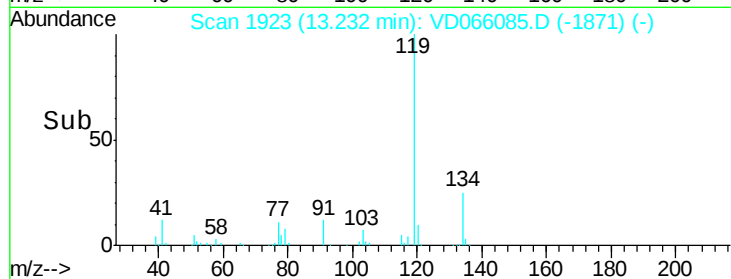
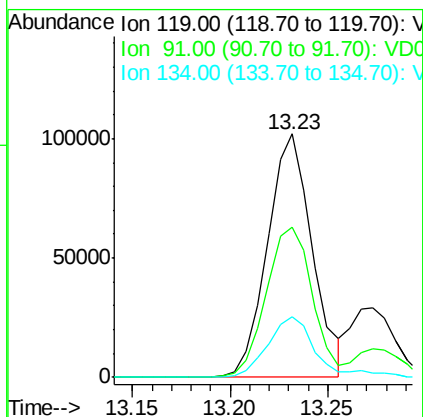
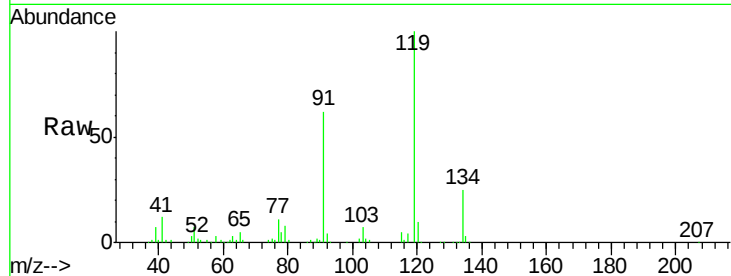




#83
tert-Butylbenzene
Concen: 21.938 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

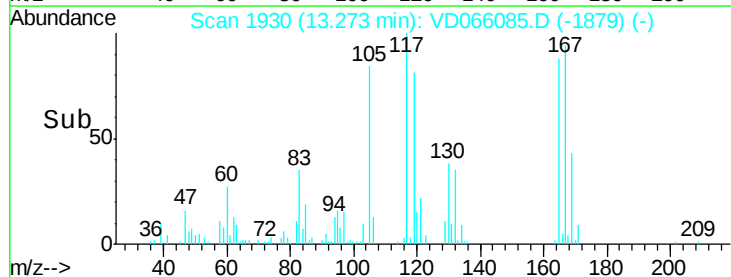
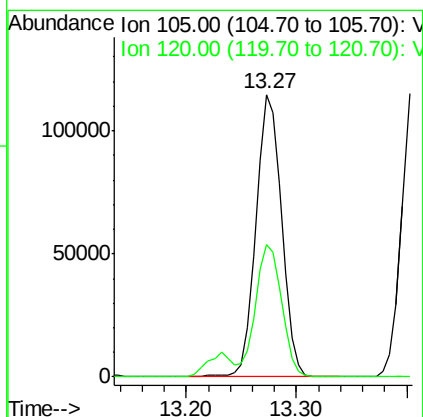
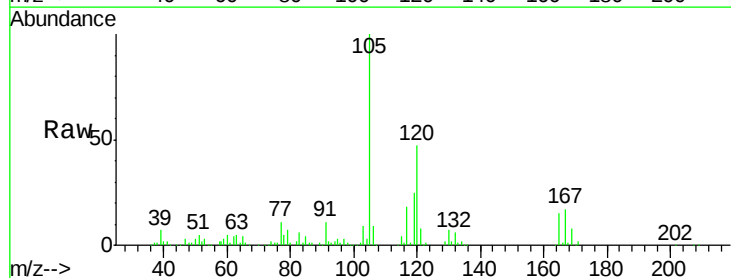
Instrument :
MSVOA_D
ClientSampled :

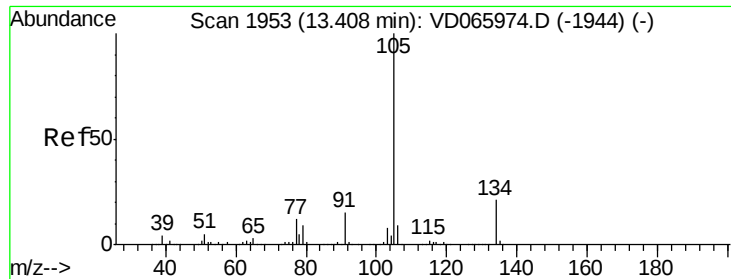
Tot Ion:119 Resp: 162133
Ion Ratio Lower Upper
119 100
91 63.7 30.6 91.6
134 26.9 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 22.560 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Tgt Ion:105 Resp: 187978
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.8





#85

sec-Butylbenzene

Concen: 21.701 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

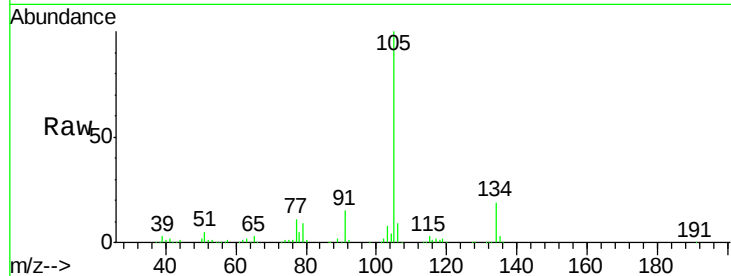
ClientSampleId :

Tot Ion:105 Resp: 220907

Ion Ratio Lower Upper

105 100

134 21.4 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

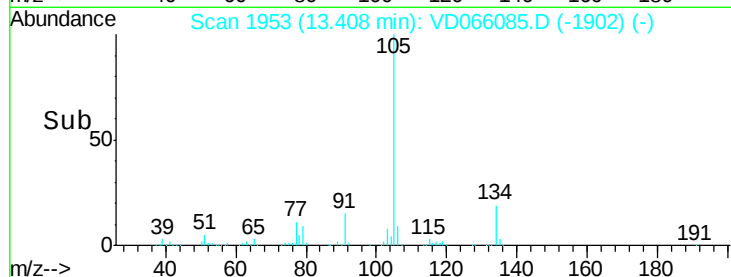
150000

100000

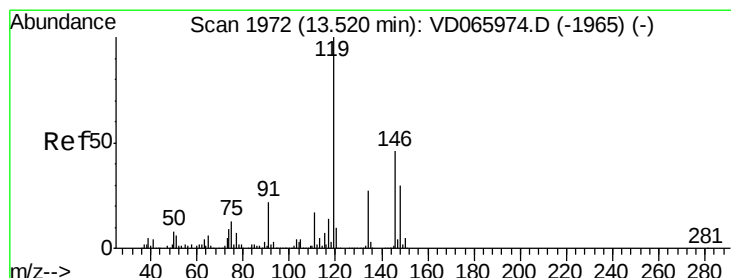
50000

0

13.35 13.40 13.45



Time-->



#86

p-Isopropyltoluene

Concen: 22.949 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

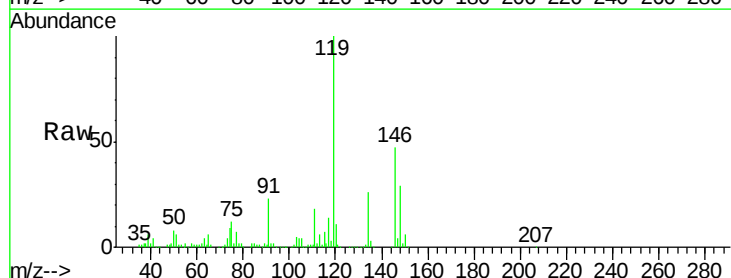
Tgt Ion:119 Resp: 212235

Ion Ratio Lower Upper

119 100

134 25.9 13.4 40.2

91 23.6 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

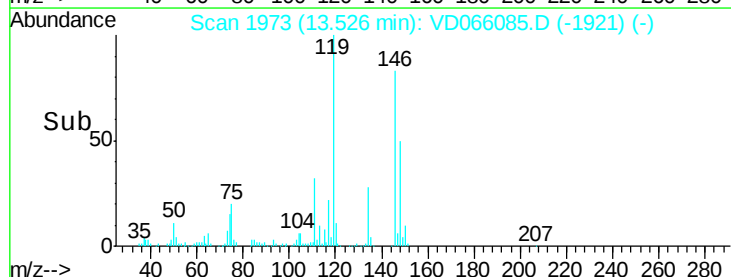
150000

100000

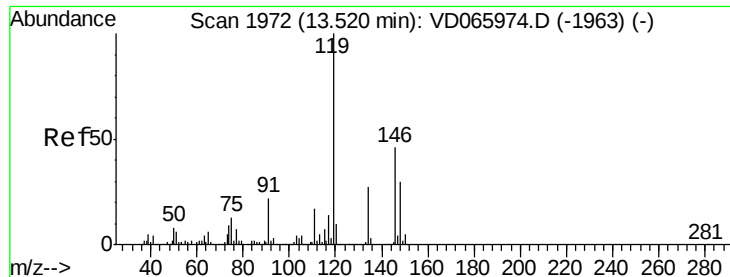
50000

0

13.45 13.50 13.55 13.60



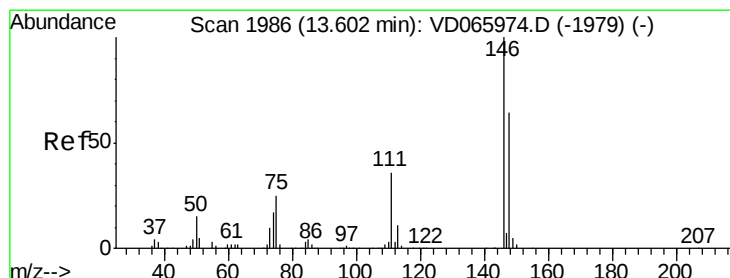
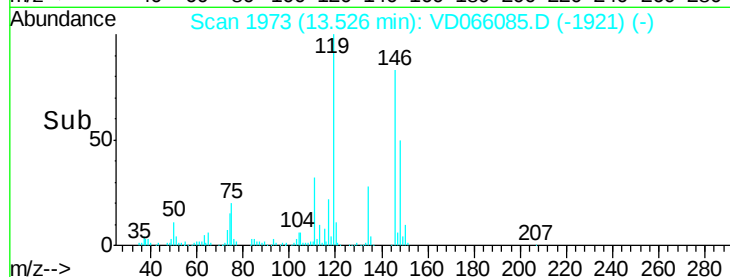
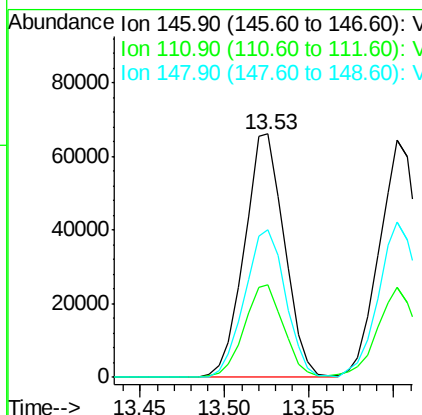
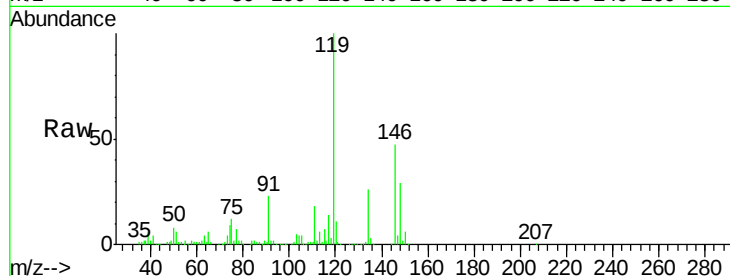
Time-->



#87
 1,3-Dichlorobenzene
 Concen: 22.391 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

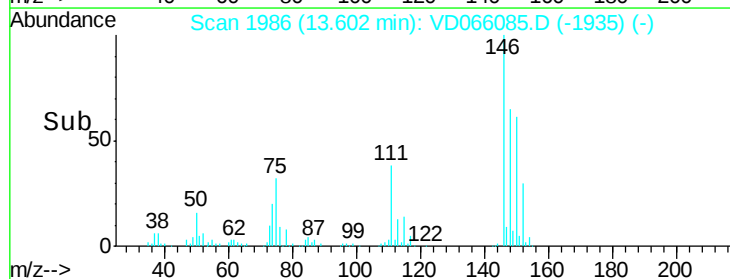
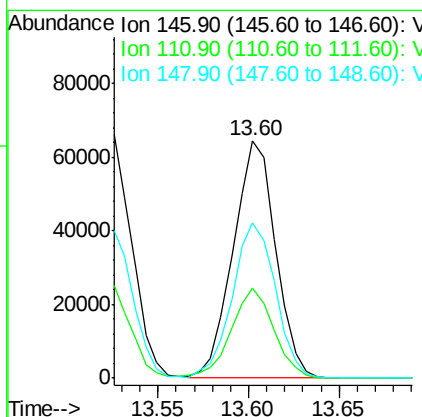
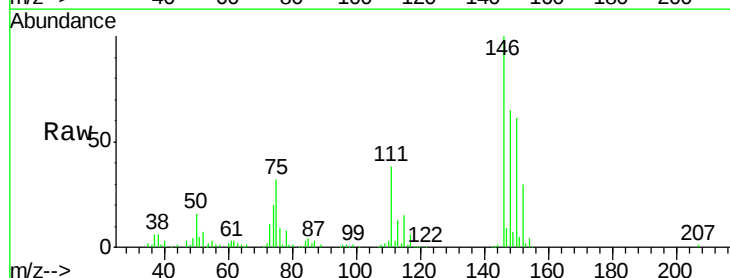
Instrument :
 MSVOA_D
 ClientSampleId :

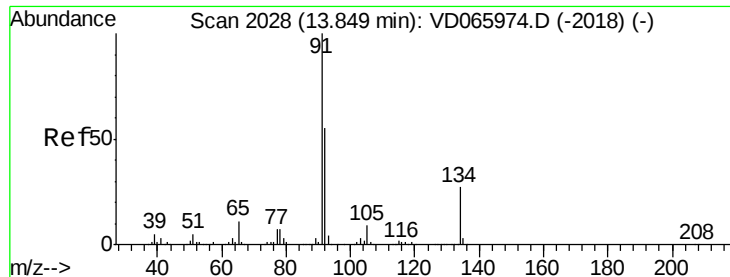
Tot Ion:146 Resp: 109215
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.6
 148 62.2 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 21.341 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

Tgt Ion:146 Resp: 105229
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.8 56.4
 148 66.4 32.2 96.6

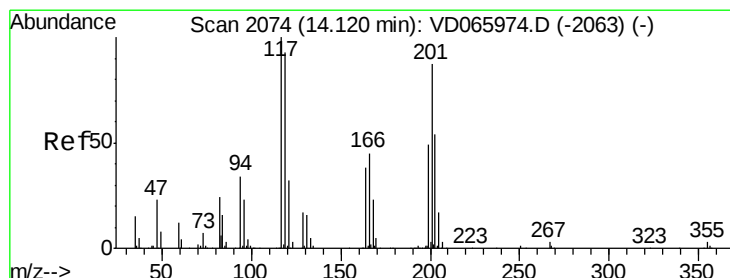
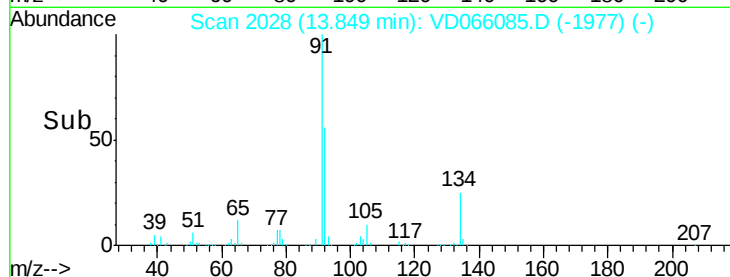
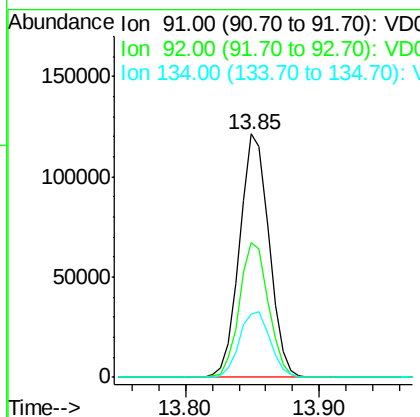
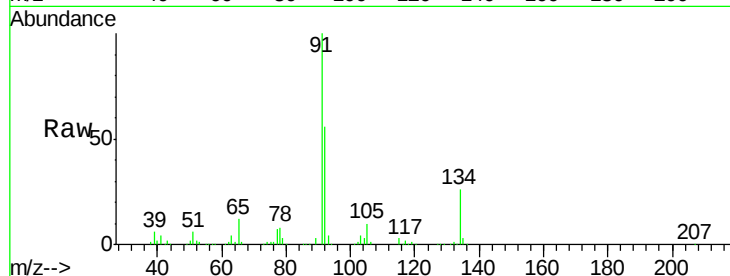




#89
n-Butylbenzene
Concen: 21.526 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

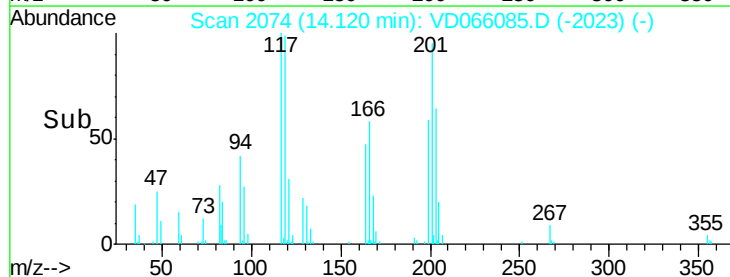
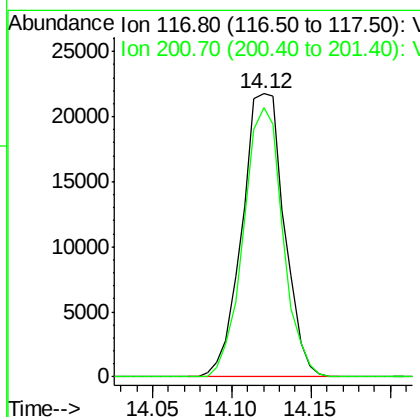
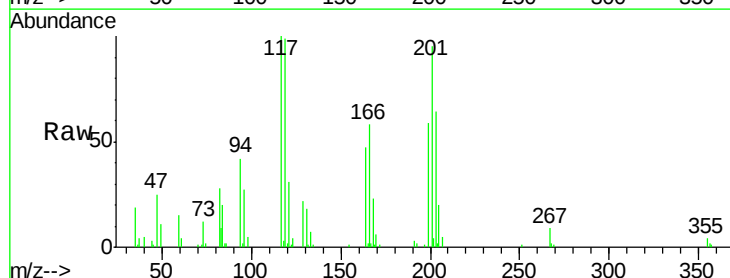
Instrument :
MSVOA_D
ClientSampleId :

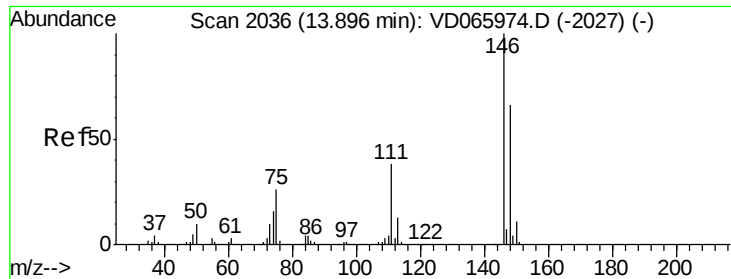
Tot Ion: 91 Resp: 185107
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.6
134 28.0 13.8 41.4



#90
Hexachloroethane
Concen: 21.036 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066085.D
Acq: 29 Jul 2020 11:30

Tgt Ion: 117 Resp: 40272
Ion Ratio Lower Upper
117 100
201 88.6 42.0 126.1

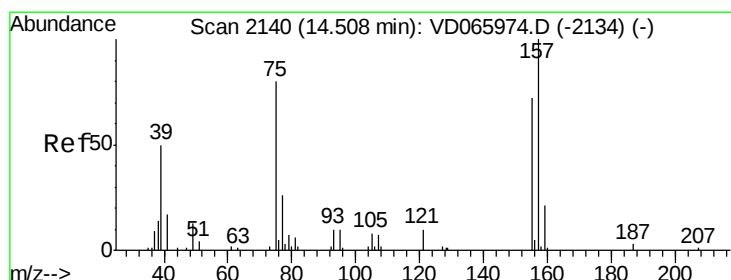
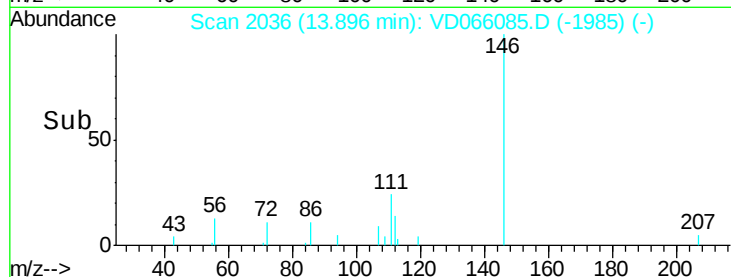
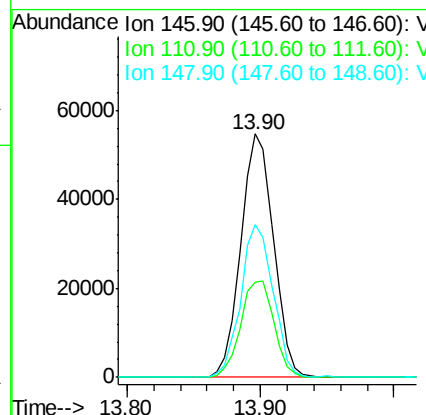
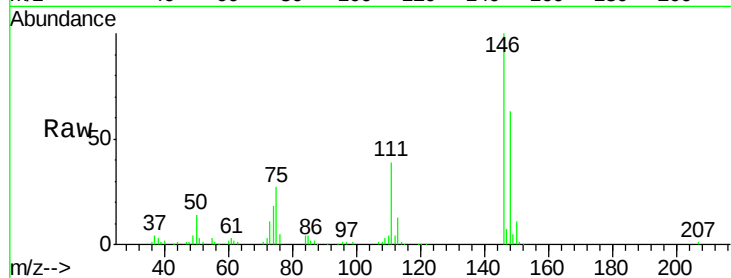




#91
 1,2-Dichlorobenzene
 Concen: 21.892 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

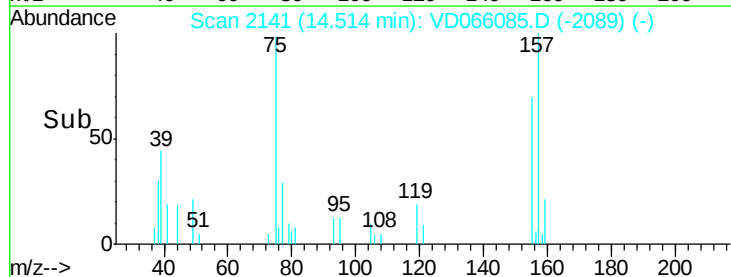
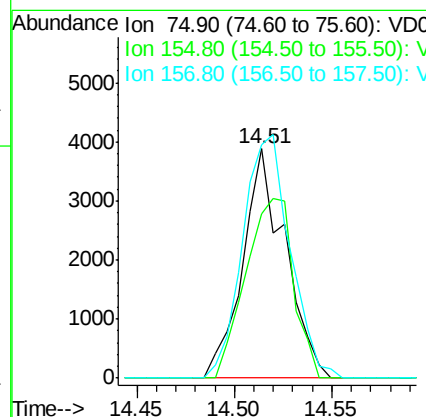
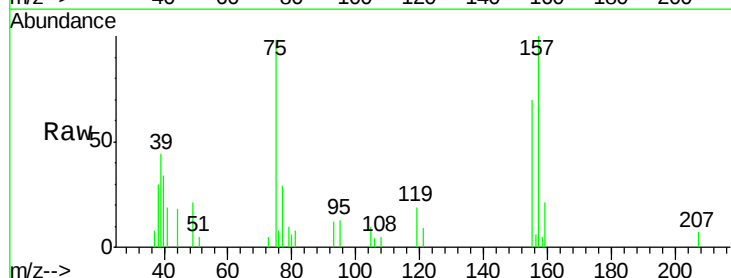
Instrument :
 MSVOA_D
 ClientSampleId :

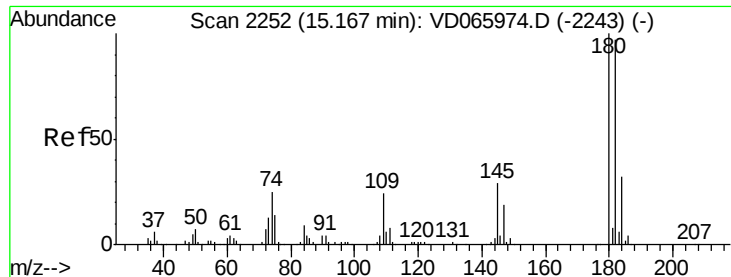
Tot Ion:146 Resp: 92530
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.3 57.9
 148 62.0 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.997 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

Tgt Ion: 75 Resp: 5846
 Ion Ratio Lower Upper
 75 100
 155 88.0 48.5 145.5
 157 118.4 64.7 194.1

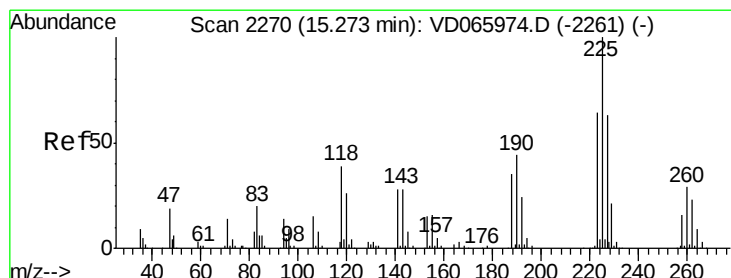
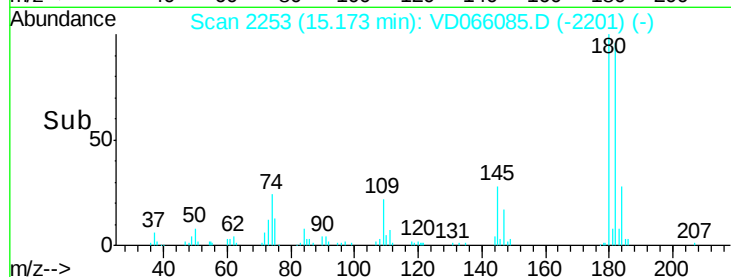
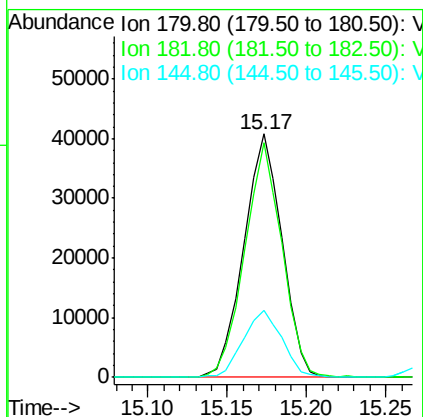
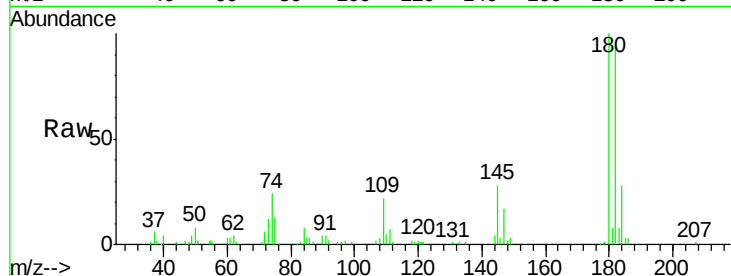




#93
 1,2,4-Trichlorobenzene
 Concen: 22.502 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

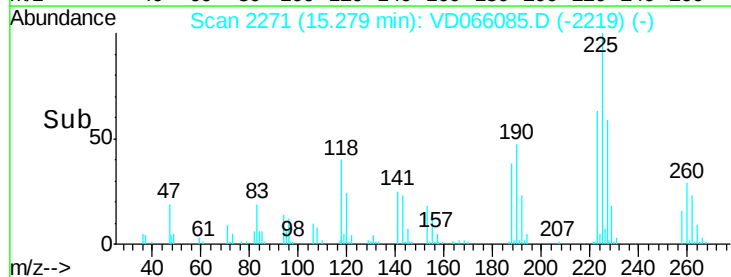
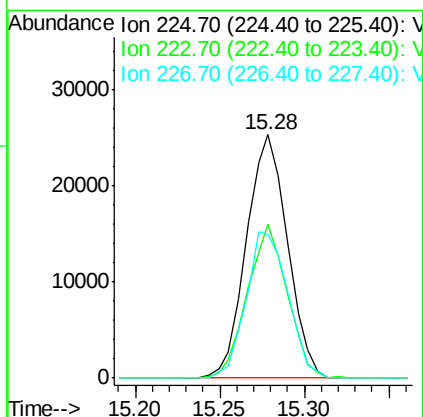
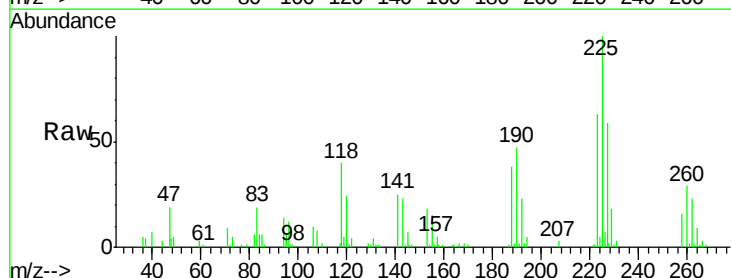
Instrument :
 MSVOA_D
 ClientSampleId :

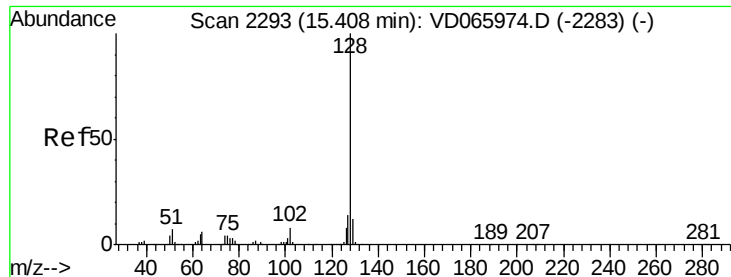
Tot Ion:180 Resp: 68268
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.1 144.3
 145 28.1 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 22.843 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066085.D
 Acq: 29 Jul 2020 11:30

Tgt Ion:225 Resp: 42845
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.2 93.6
 227 61.3 31.6 94.8





#95

Naphthalene

Concen: 20.900 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

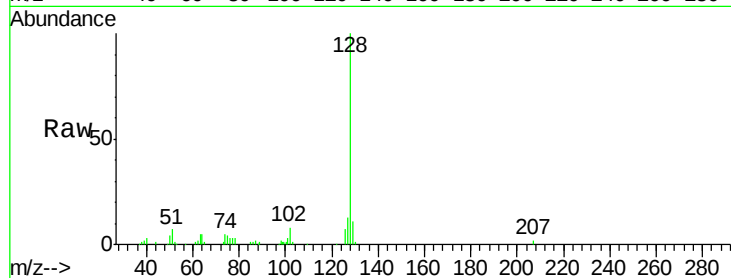
Tot Ion:128 Resp: 100768

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

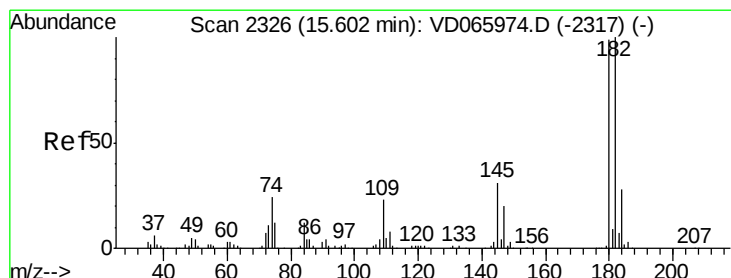
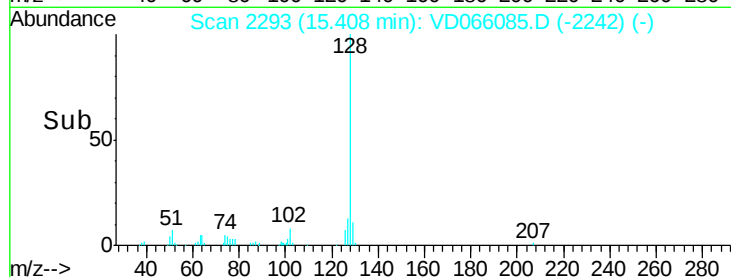
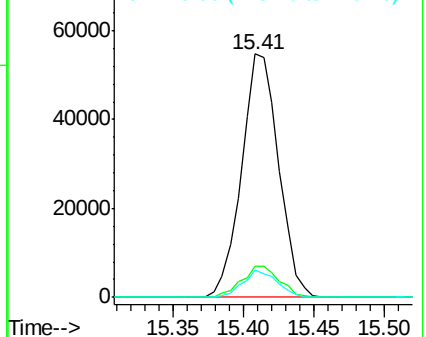
129 10.4 8.9 13.3



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: 21.368 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.01 min

Lab File: VD066085.D

Acq: 29 Jul 2020 11:30

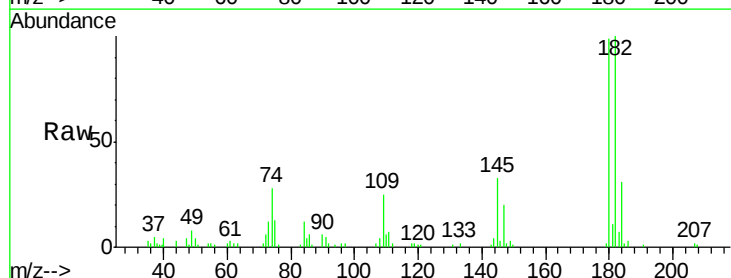
Tgt Ion:180 Resp: 56355

Ion Ratio Lower Upper

180 100

182 98.1 47.9 143.6

145 32.8 15.4 46.2



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

