

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090920\
 Data File : VD066577.D
 Acq On : 09 Sep 2020 12:29
 Operator : VA/SY
 Sample : VD0909SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

Quant Time: Sep 09 13:10:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	400300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	658037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	593449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	280265	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	241531	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	7.91	113	213751	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	10.34	98	786343	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.63	95	261906	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	80166	22.048	ug/l	91
3) Chloromethane	2.21	50	96519	19.066	ug/l	100
4) Vinyl Chloride	2.35	62	116983	20.835	ug/l	99
5) Bromomethane	2.76	94	79705	19.697	ug/l #	76
6) Chloroethane	2.92	64	74440	20.873	ug/l	98
7) Trichlorofluoromethane	3.27	101	162403	19.580	ug/l	99
8) Diethyl Ether	3.71	74	38810	18.581	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	86016	19.161	ug/l	97
10) Methyl Iodide	4.30	142	70524	19.861	ug/l	98
11) Tert butyl alcohol	5.23	59	38507	99.831	ug/l #	95
12) 1,1-Dichloroethene	4.06	96	77179	19.137	ug/l	97
13) Acrolein	3.91	56	18170	91.753	ug/l	97
14) Allyl chloride	4.71	41	120589	18.244	ug/l	95
15) Acrylonitrile	5.43	53	89512	99.763	ug/l	98
16) Acetone	4.16	43	90840	101.936	ug/l	99
17) Carbon Disulfide	4.41	76	243315	18.352	ug/l	97
18) Methyl Acetate	4.72	43	41358	19.469	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	185862	19.652	ug/l	95
20) Methylene Chloride	4.97	84	100801	16.294	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	90061	18.805	ug/l	92
22) Diisopropyl ether	6.36	45	257414	18.938	ug/l	98
23) Vinyl Acetate	6.30	43	759489	98.189	ug/l	99
24) 1,1-Dichloroethane	6.27	63	158913	18.592	ug/l	100
25) 2-Butanone	7.21	43	115622	96.653	ug/l	100
26) 2,2-Dichloropropane	7.21	77	150287	19.168	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	96695	18.775	ug/l	97
28) Bromochloromethane	7.54	49	56743	17.243	ug/l #	94
29) Tetrahydrofuran	7.56	42	71119	95.459	ug/l	99
30) Chloroform	7.71	83	170196	18.821	ug/l	99
31) Cyclohexane	7.98	56	148677	18.817	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	160411	18.868	ug/l	98
36) 1,1-Dichloropropene	8.11	75	132811	19.394	ug/l	98
37) Ethyl Acetate	7.30	43	53715	19.698	ug/l	98
38) Carbon Tetrachloride	8.10	117	143098	19.769	ug/l	93

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	147173	19.246	ug/l	98
40) Benzene	8.35	78	343594	18.319	ug/l	98
41) Methacrylonitrile	7.56	41	73071	55.357	ug/l #	33
42) 1,2-Dichloroethane	8.43	62	115381	18.987	ug/l	99
43) Isopropyl Acetate	8.45	43	101563	19.435	ug/l	99
44) Trichloroethene	9.11	130	94079	19.123	ug/l	96
45) 1,2-Dichloropropane	9.38	63	87194	18.486	ug/l	94
46) Dibromomethane	9.47	93	51079	19.629	ug/l	98
47) Bromodichloromethane	9.66	83	135656	19.268	ug/l	99
48) Methyl methacrylate	9.46	41	46702	17.674	ug/l	86
49) 1,4-Dioxane	9.46	88	12069	422.751	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	262981	99.783	ug/l	97
52) Toluene	10.40	92	224499	18.909	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	120304	19.357	ug/l	92
54) cis-1,3-Dichloropropene	10.08	75	140574	18.835	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	66671	19.926	ug/l #	86
56) Ethyl methacrylate	10.66	69	72777	18.681	ug/l	96
57) 1,3-Dichloropropane	10.94	76	114886	19.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	206947	116.140	ug/l	97
59) 2-Hexanone	10.98	43	176846	99.781	ug/l	100
60) Dibromochloromethane	11.14	129	85720	19.374	ug/l	98
61) 1,2-Dibromoethane	11.24	107	62351	19.155	ug/l	97
64) Tetrachloroethene	10.87	164	75718	18.950	ug/l	89
65) Chlorobenzene	11.67	112	228004	18.615	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	89778	19.205	ug/l	99
67) Ethyl Benzene	11.74	91	426221	18.951	ug/l	97
68) m/p-Xylenes	11.85	106	319437	38.253	ug/l	95
69) o-Xylene	12.18	106	144237	19.273	ug/l	100
70) Styrene	12.20	104	242964	18.674	ug/l	96
71) Bromoform	12.36	173	45818	19.449	ug/l #	98
73) Isopropylbenzene	12.48	105	400793	19.315	ug/l	99
74) N-amyl acetate	12.28	43	92397	19.660	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	68931	18.803	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	98523	36.552	ug/l #	100
77) Bromobenzene	12.76	156	90895	19.648	ug/l	99
78) n-propylbenzene	12.82	91	494936	19.676	ug/l	100
79) 2-Chlorotoluene	12.91	91	268758	19.045	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	341599	19.559	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20739	17.963	ug/l	93
82) 4-Chlorotoluene	13.01	91	296145	19.624	ug/l	99
83) tert-Butylbenzene	13.23	119	277037	19.425	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	341538	19.642	ug/l	98
85) sec-Butylbenzene	13.40	105	396955	19.318	ug/l	99
86) p-Isopropyltoluene	13.52	119	368981	19.951	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	171839	18.710	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	174621	18.943	ug/l	97
89) n-Butylbenzene	13.85	91	344083	19.092	ug/l	100
90) Hexachloroethane	14.11	117	75723	19.002	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	152682	19.020	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12139	19.493	ug/l	95

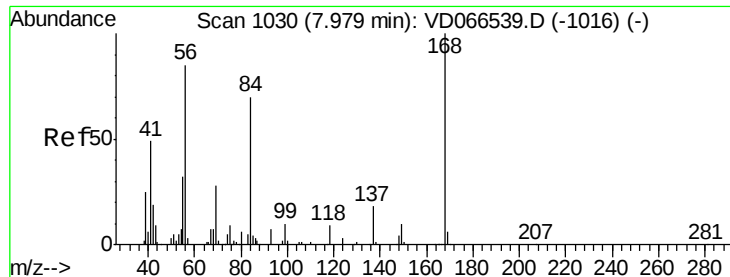
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD090920\
Data File : VD066577.D
Acq On : 09 Sep 2020 12:29
Operator : VA/SY
Sample : VD0909SBSD01
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Instrument :
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	98734	20.494	ug/l	97
94) Hexachlorobutadiene	15.27	225	55238	19.085	ug/l	94
95) Naphthalene	15.41	128	183799	21.832	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	84438	20.557	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

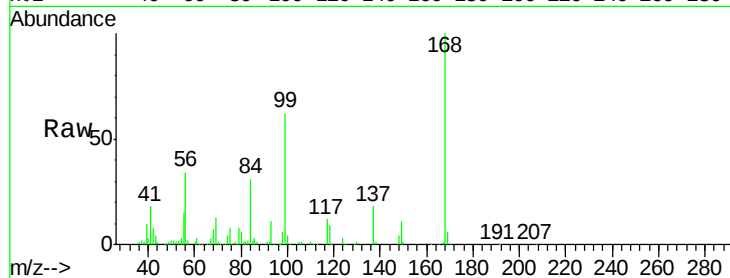
VD0909SBS01

Tgt Ion:168 Resp: 400300

Ion Ratio Lower Upper

168 100

99 61.9 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

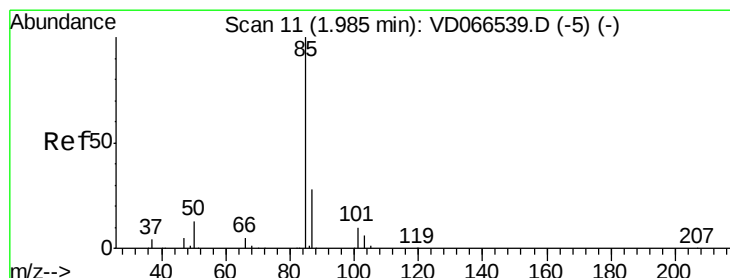
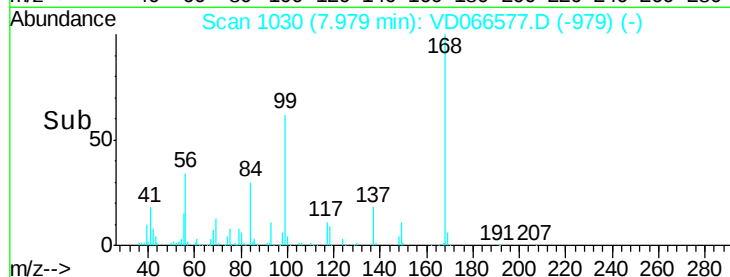
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.048 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066577.D

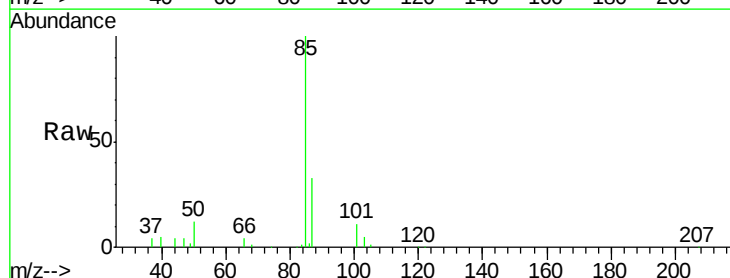
Acq: 09 Sep 2020 12:29

Tgt Ion: 85 Resp: 80166

Ion Ratio Lower Upper

85 100

87 33.3 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

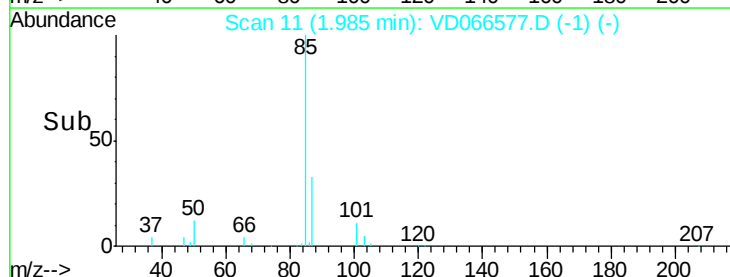
40000

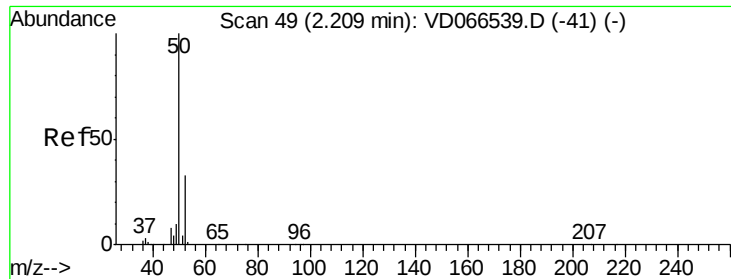
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 19.066 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

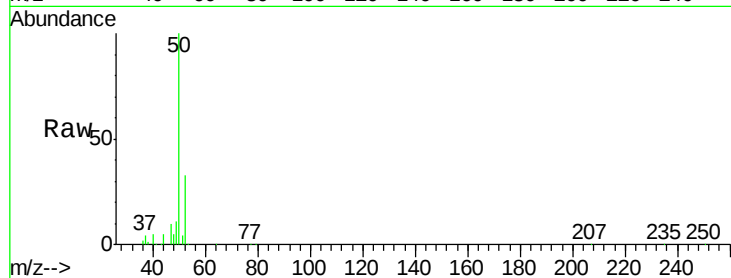
VD0909SBSD01

Tgt Ion: 50 Resp: 96519

Ion Ratio Lower Upper

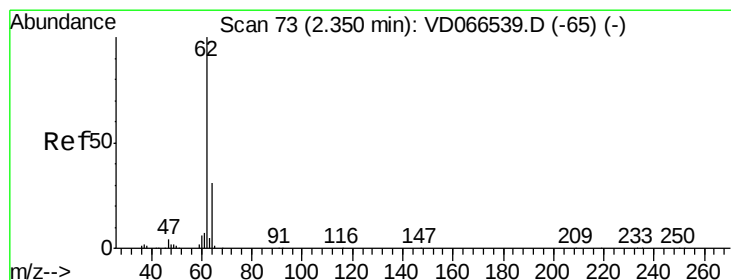
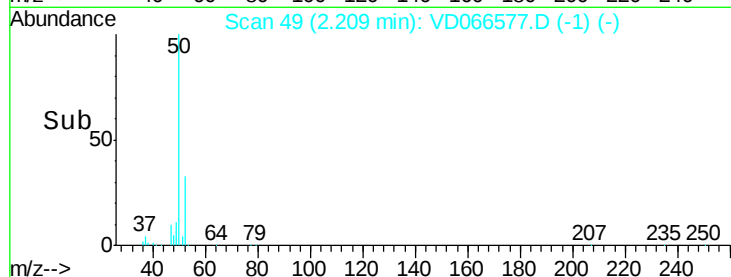
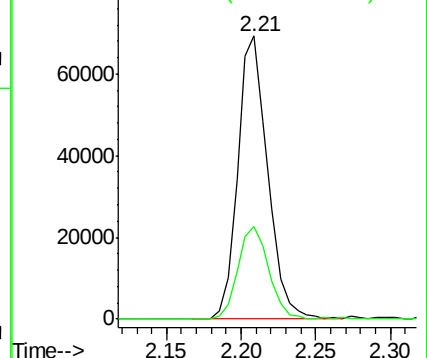
50 100

52 32.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.835 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066577.D

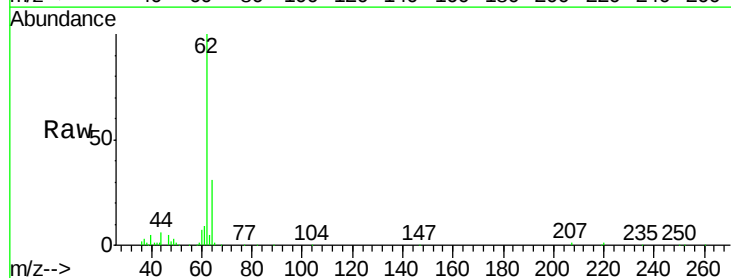
Acq: 09 Sep 2020 12:29

Tgt Ion: 62 Resp: 116983

Ion Ratio Lower Upper

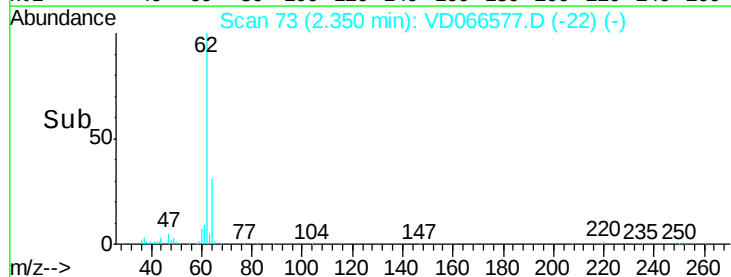
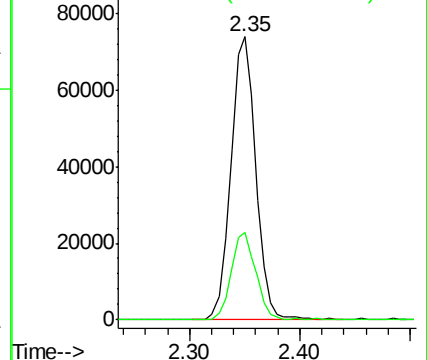
62 100

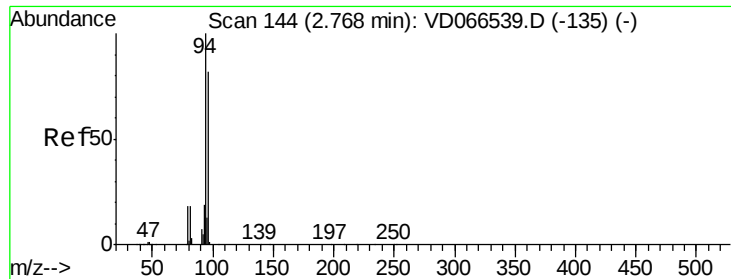
64 31.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.697 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

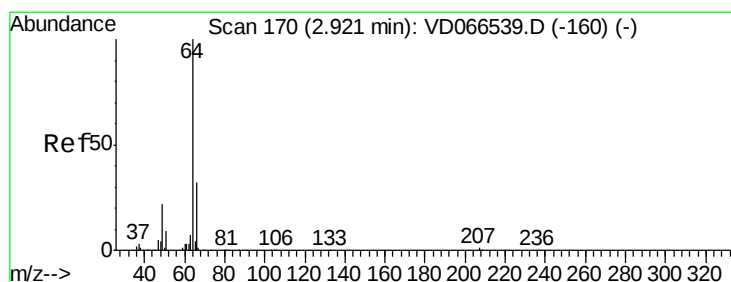
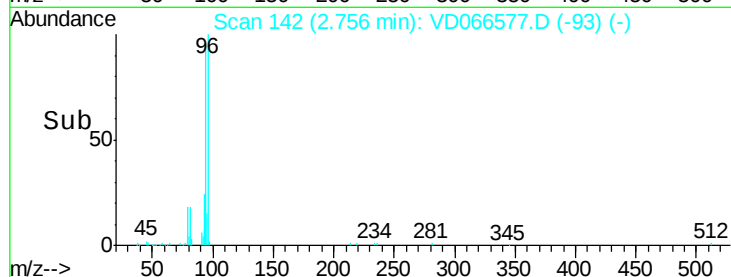
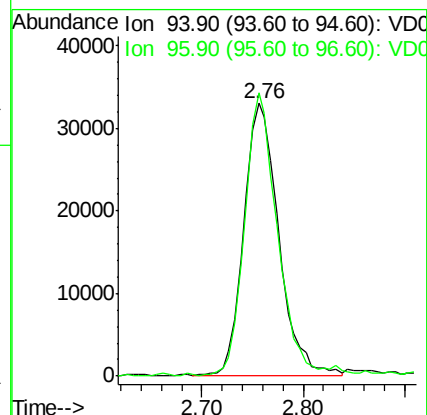
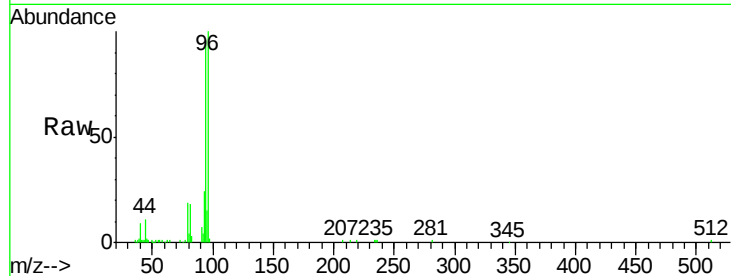
VD0909SBSD01

Tgt Ion: 94 Resp: 79705

Ion Ratio Lower Upper

94 100

96 102.9 65.2 97.8#



#6

Chloroethane

Concen: 20.873 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066577.D

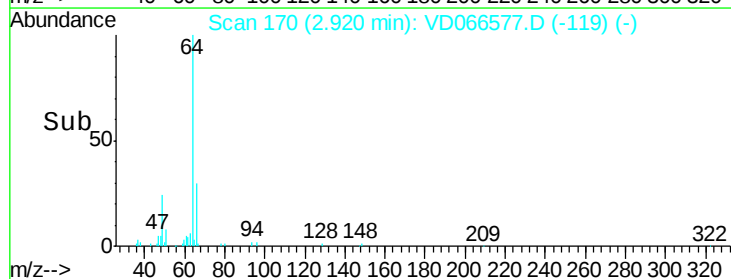
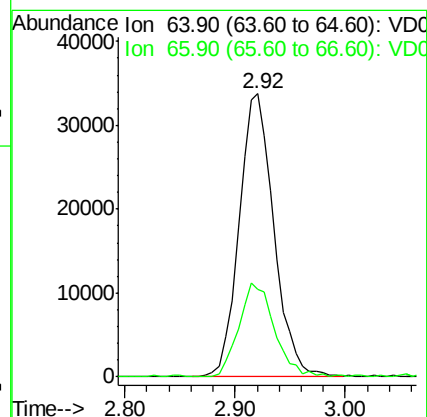
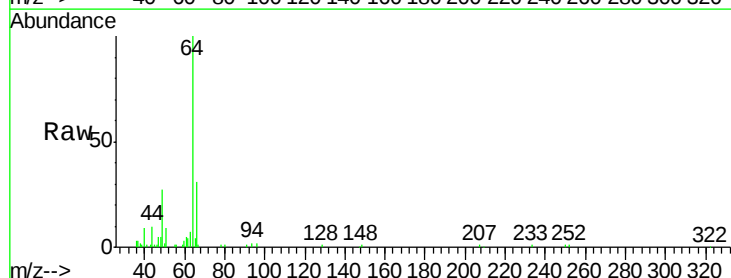
Acq: 09 Sep 2020 12:29

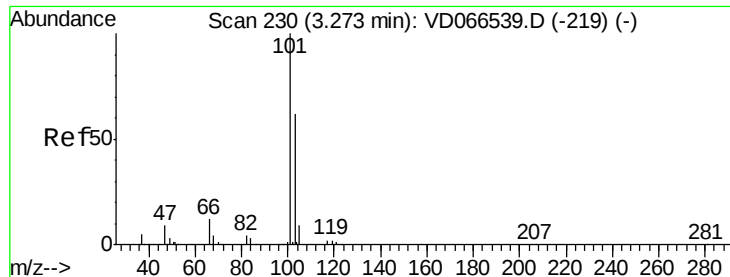
Tgt Ion: 64 Resp: 74440

Ion Ratio Lower Upper

64 100

66 30.8 25.4 38.0



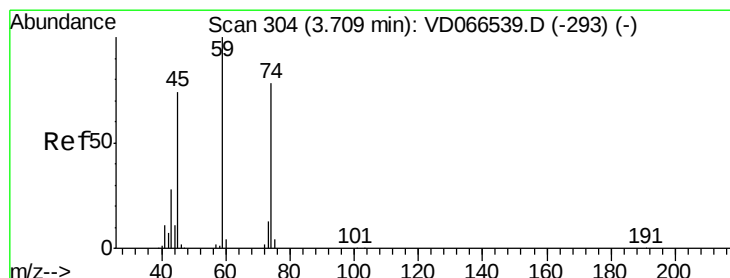
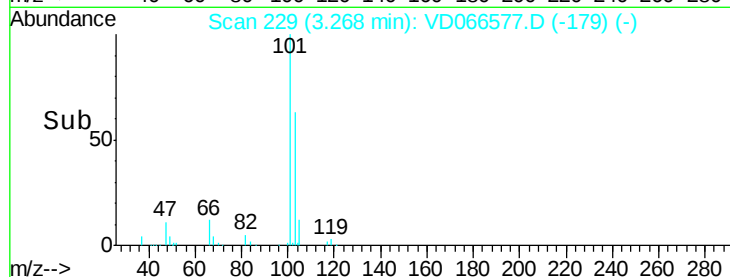
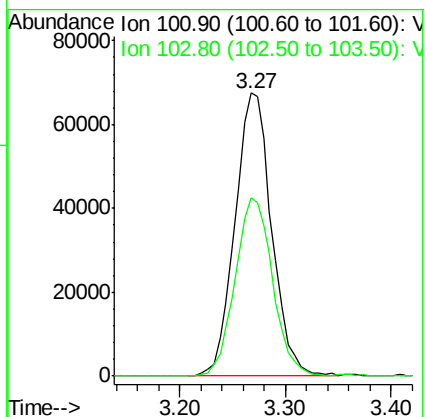
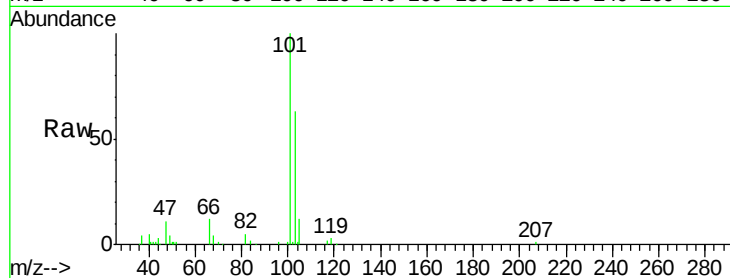


#7

Trichlorofluoromethane
 Concen: 19.580 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

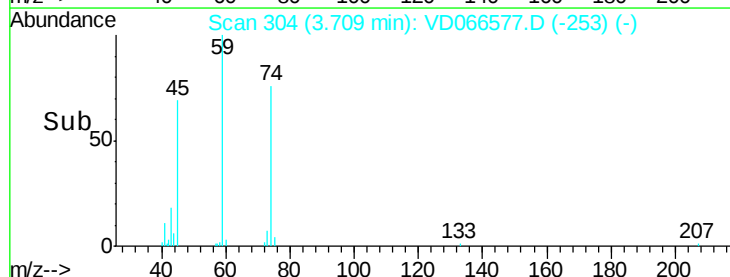
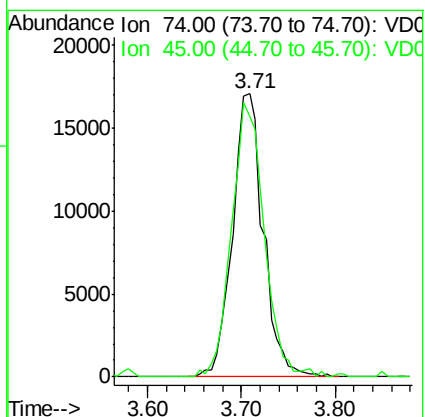
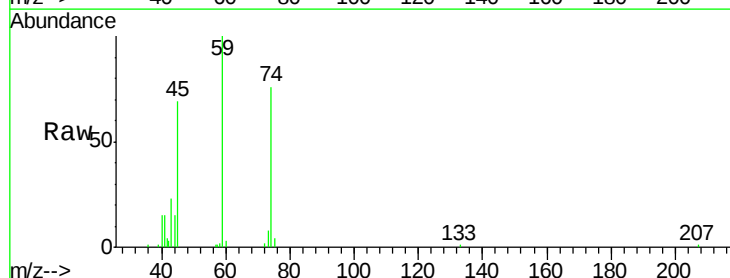
Tgt Ion: 101 Resp: 162403
 Ion Ratio Lower Upper
 101 100
 103 63.2 49.7 74.5

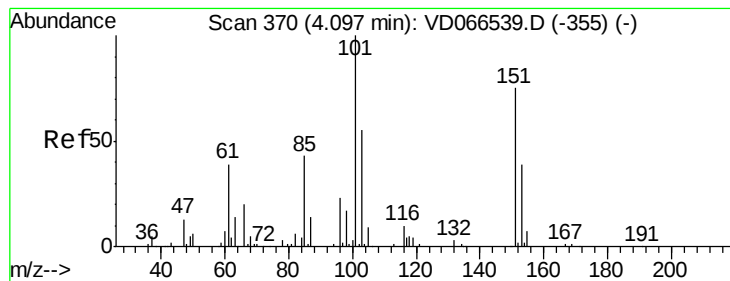


#8

Diethyl Ether
 Concen: 18.581 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion: 74 Resp: 38810
 Ion Ratio Lower Upper
 74 100
 45 102.8 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.161 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD01

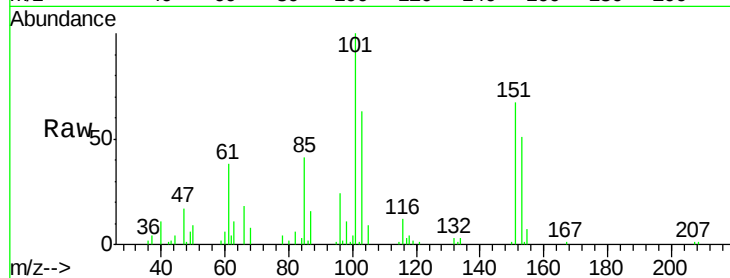
Tgt Ion:101 Resp: 86016

Ion Ratio Lower Upper

101 100

85 46.8 37.0 55.6

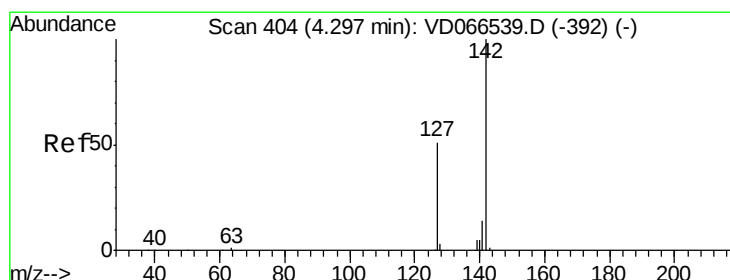
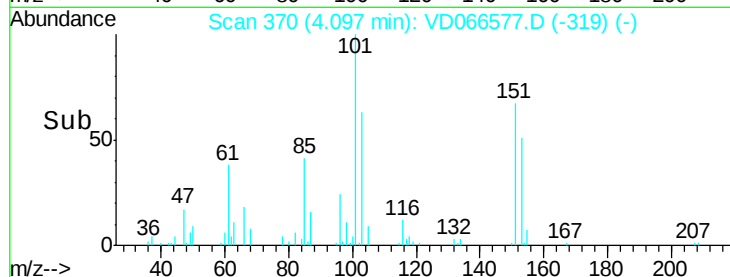
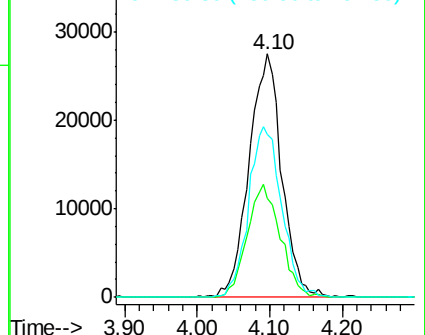
151 70.9 59.4 89.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.861 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

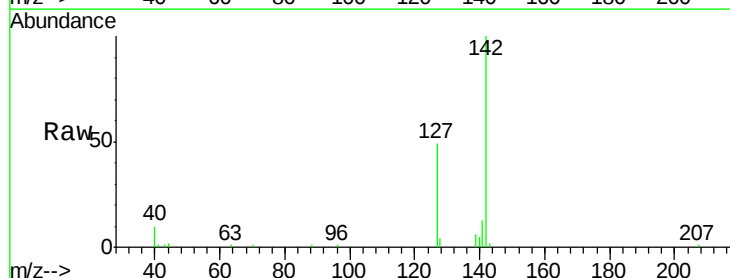
Tgt Ion:142 Resp: 70524

Ion Ratio Lower Upper

142 100

127 52.5 40.6 61.0

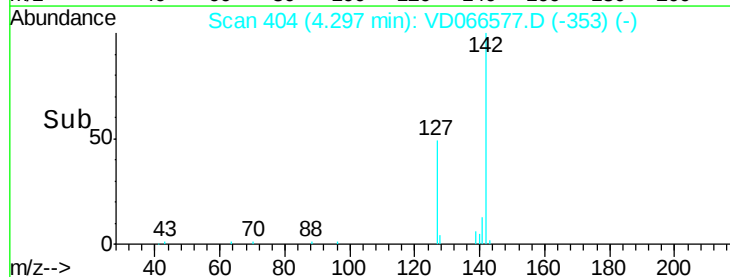
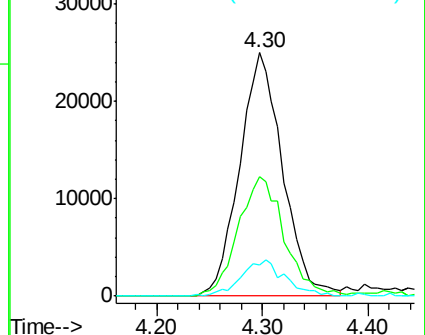
141 15.1 12.2 18.4

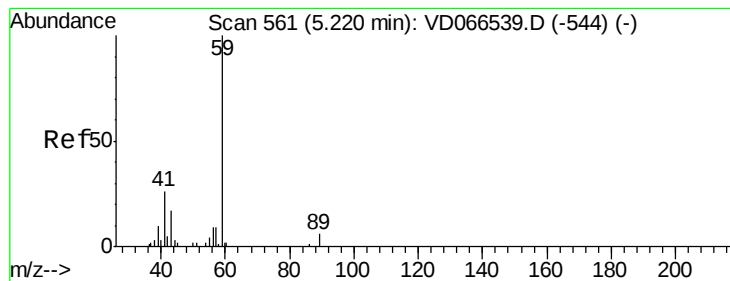


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.831 ug/l

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

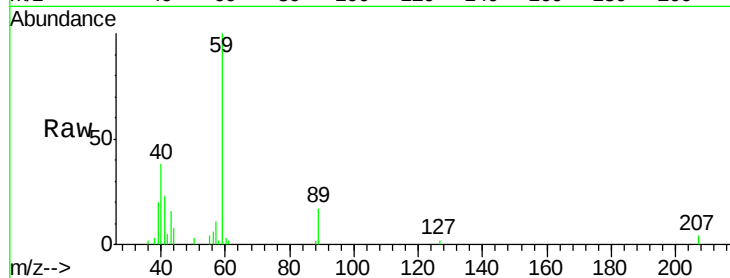
VD0909SBSD01

Tgt Ion: 59 Resp: 38507

Ion Ratio Lower Upper

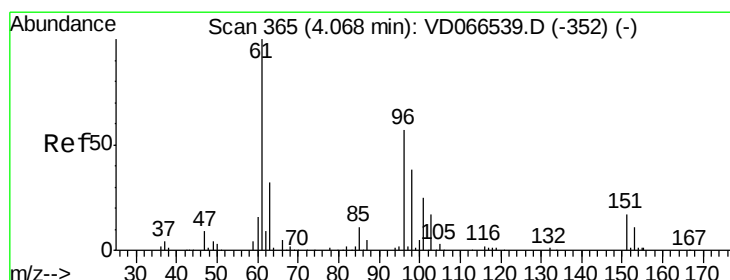
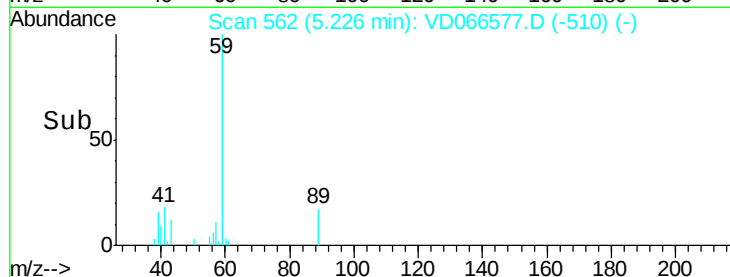
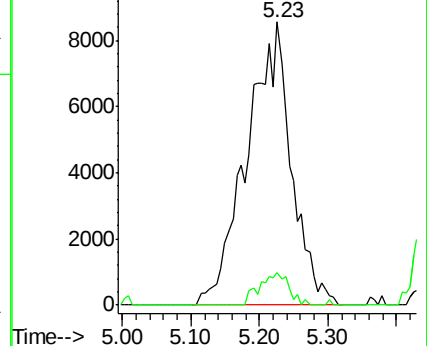
59 100

57 7.5 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 19.137 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

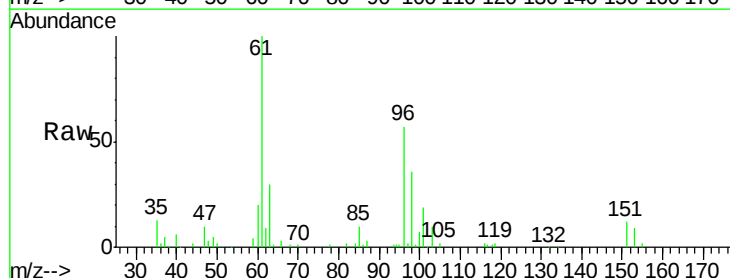
Tgt Ion: 96 Resp: 77179

Ion Ratio Lower Upper

96 100

61 173.4 140.9 211.3

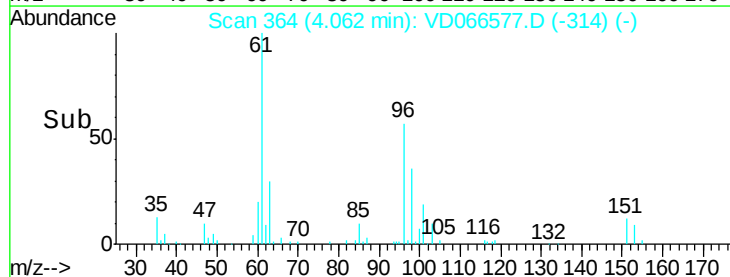
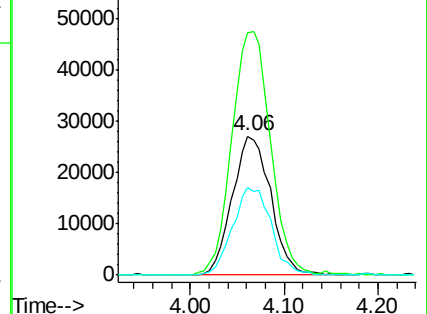
98 63.1 53.2 79.8

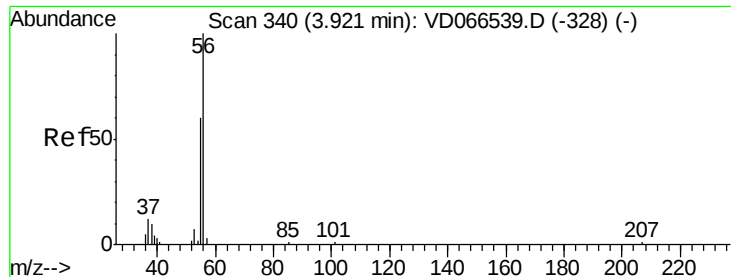


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 91.753 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

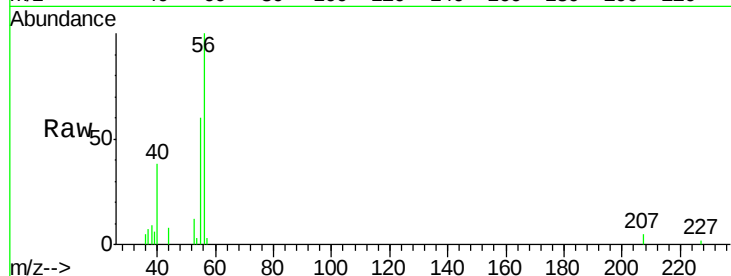
VD0909SBSD01

Tgt Ion: 56 Resp: 18170

Ion Ratio Lower Upper

56 100

55 69.5 53.6 80.4



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.91

8000

6000

4000

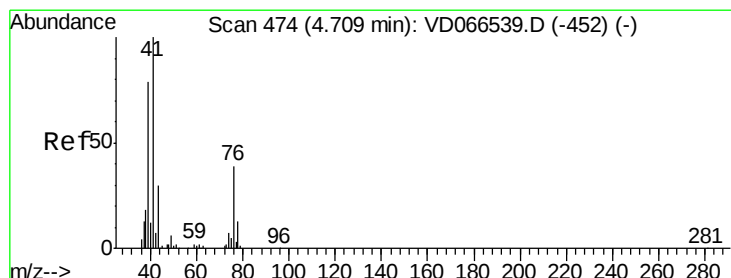
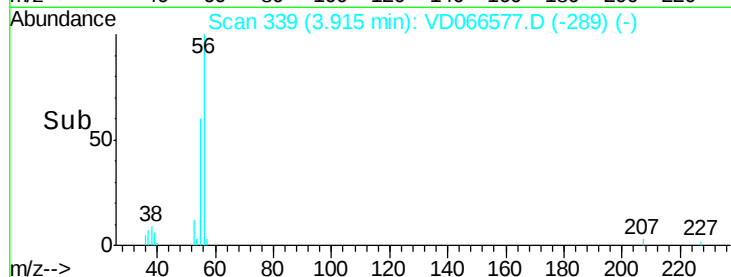
2000

0

Time--> 3.80

3.90

4.00



#14

Allyl chloride

Concen: 18.244 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

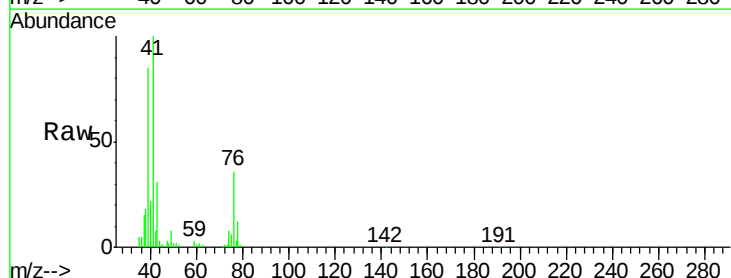
Tgt Ion: 41 Resp: 120589

Ion Ratio Lower Upper

41 100

39 83.7 61.9 92.9

76 36.3 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

50000

40000

30000

20000

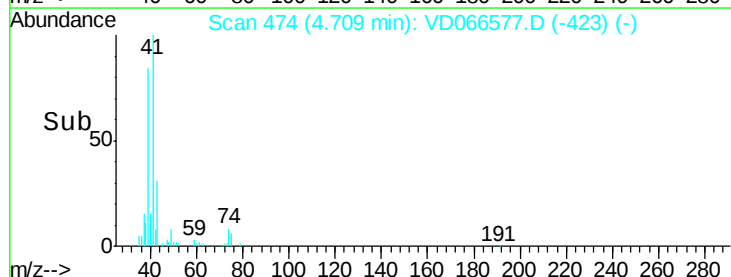
10000

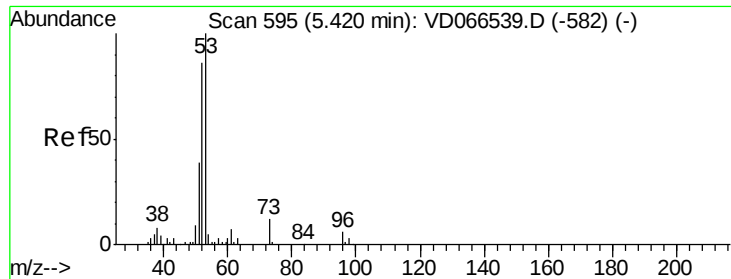
0

Time--> 4.60

4.70

4.80





#15

Acrylonitrile

Concen: 99.763 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD01

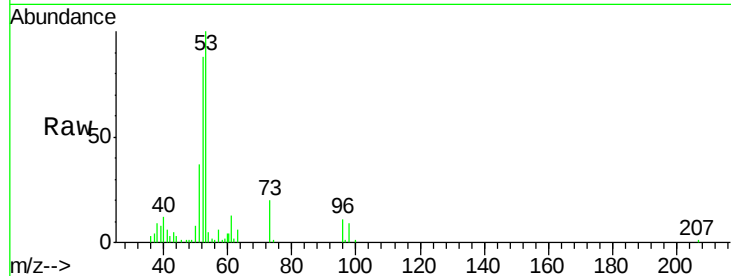
Tgt Ion: 53 Resp: 89512

Ion Ratio Lower Upper

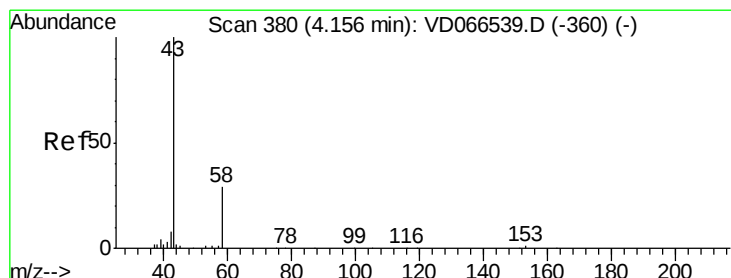
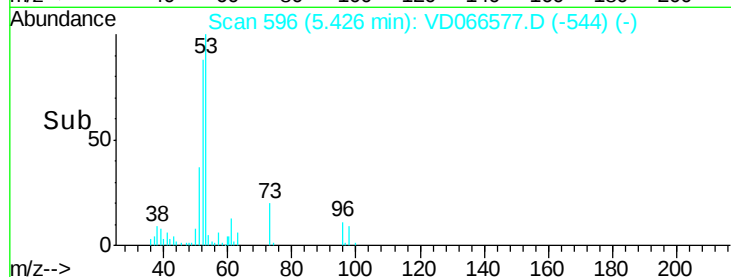
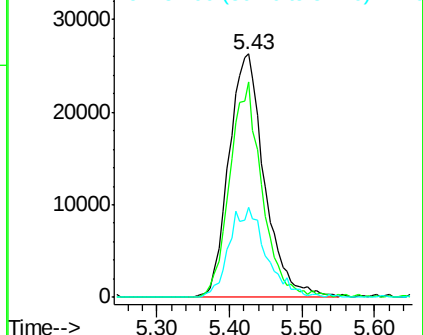
53 100

52 79.6 65.4 98.2

51 38.2 31.2 46.8



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 101.936 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066577.D

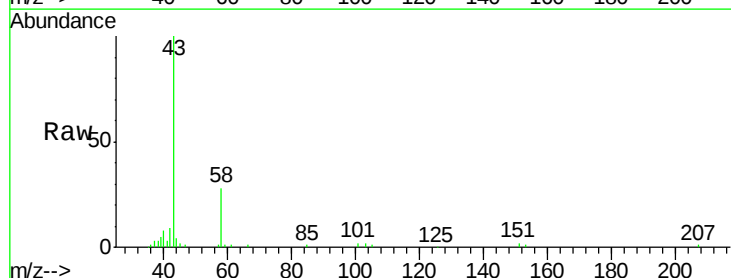
Acq: 09 Sep 2020 12:29

Tgt Ion: 43 Resp: 90840

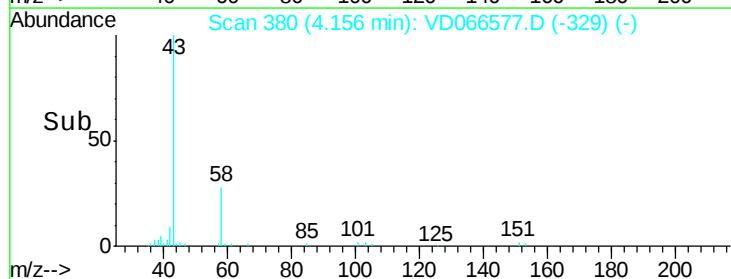
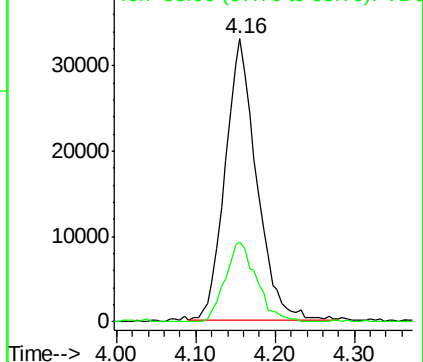
Ion Ratio Lower Upper

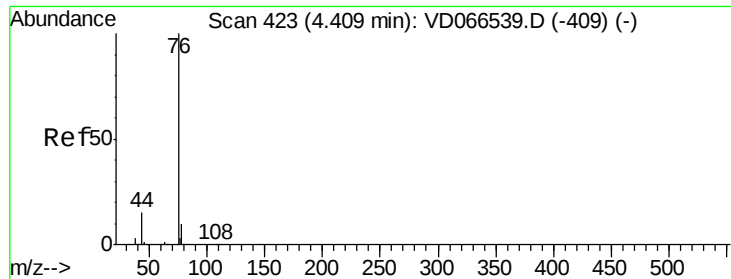
43 100

58 28.3 22.9 34.3



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

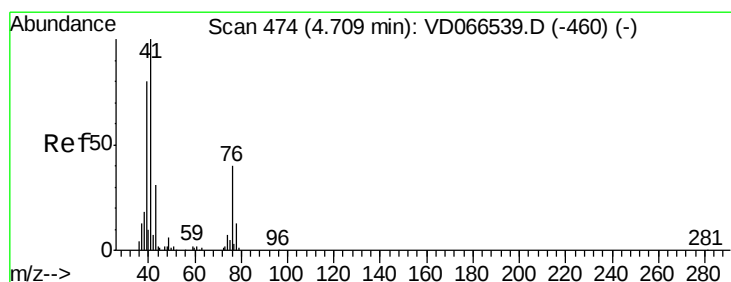
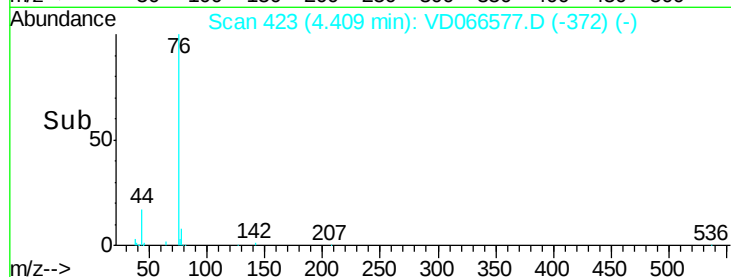
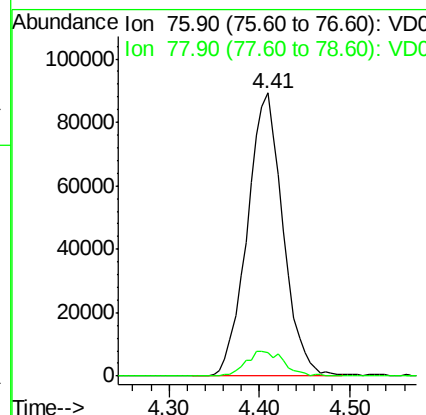
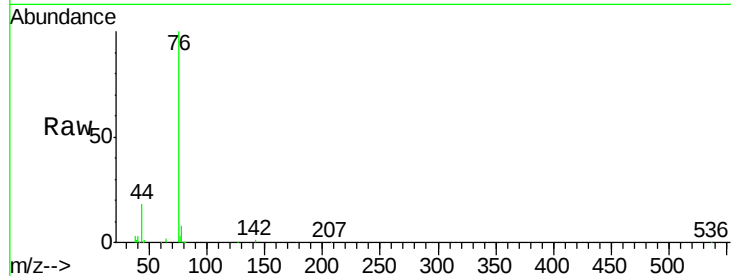




#17
Carbon Disulfide
Concen: 18.352 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

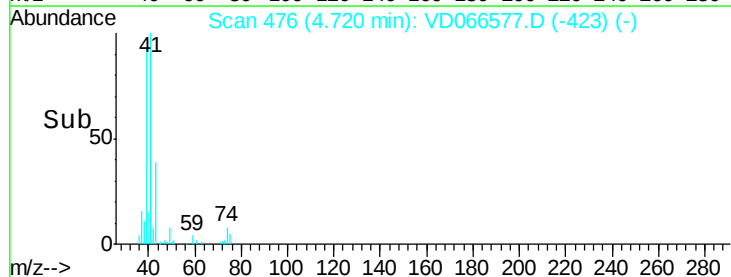
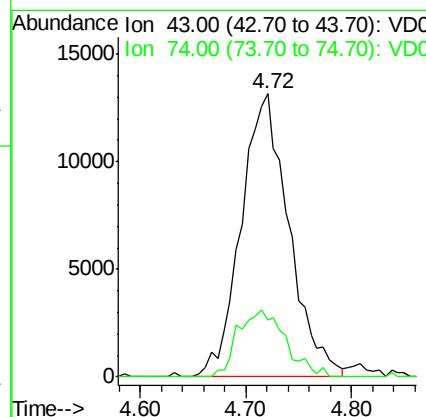
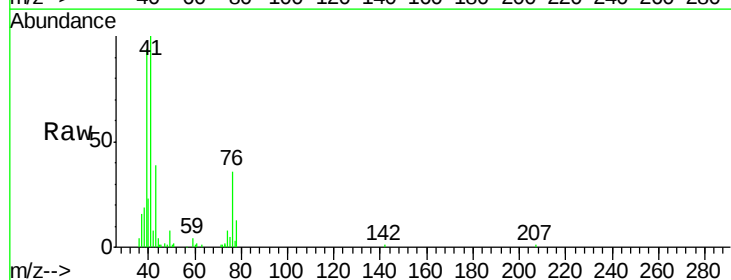
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD01

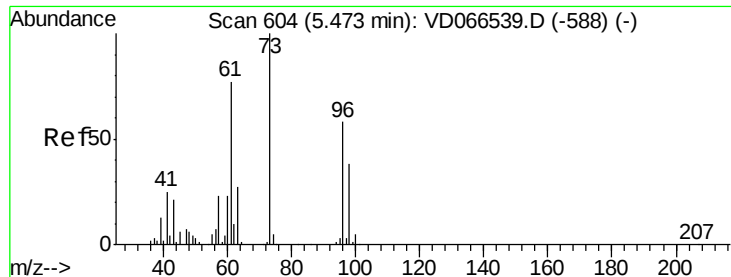
Tgt Ion: 76 Resp: 243315
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4



#18
Methyl Acetate
Concen: 19.469 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion: 43 Resp: 41358
Ion Ratio Lower Upper
43 100
74 23.3 18.0 27.0

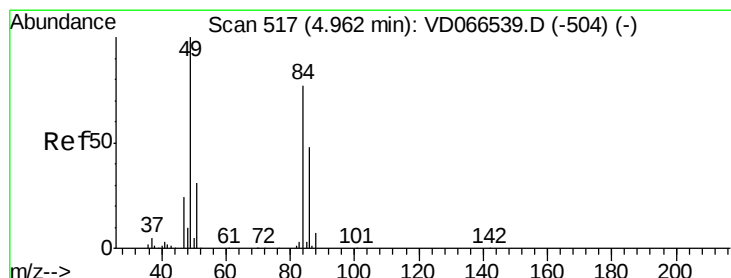
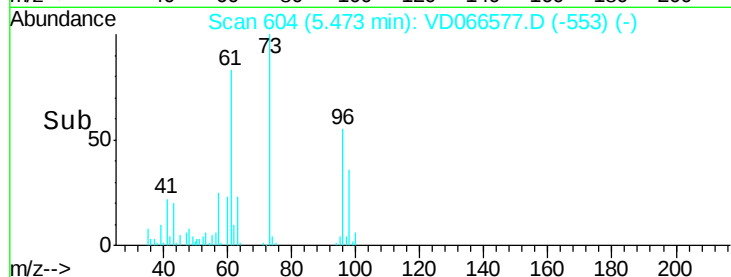
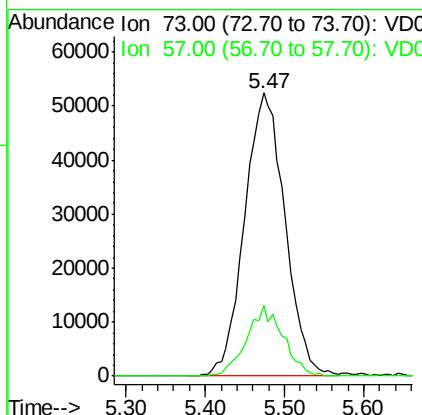
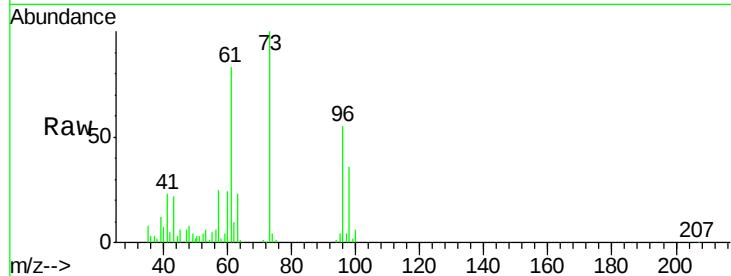




#19
Methyl tert-butyl Ether
Concen: 19.652 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

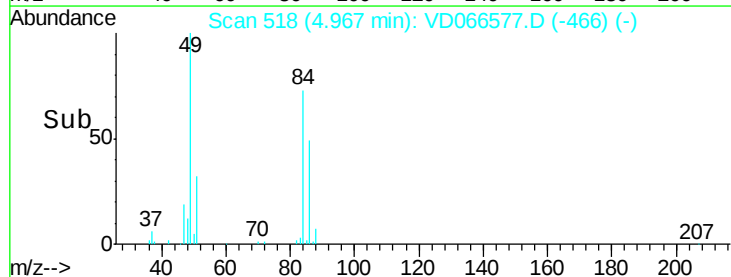
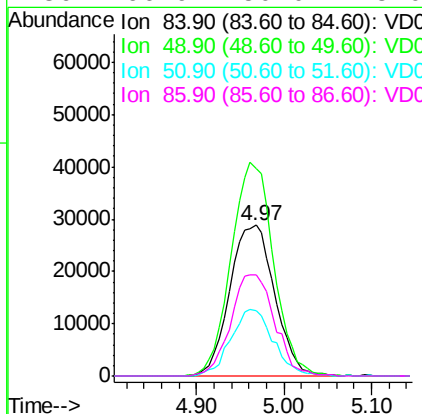
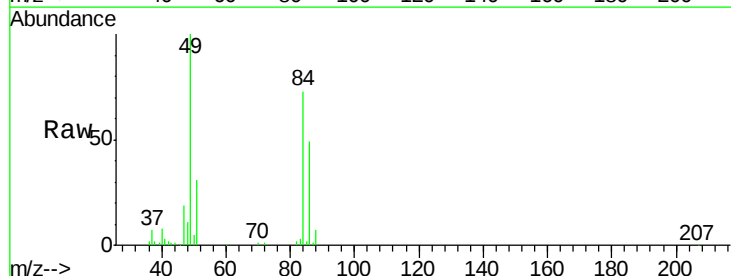
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD01

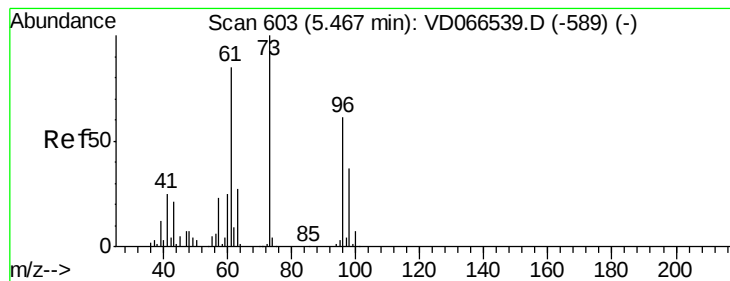
Tgt Ion: 73 Resp: 185862
Ion Ratio Lower Upper
73 100
57 25.1 18.3 27.5



#20
Methylene Chloride
Concen: 16.294 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion: 84 Resp: 100801
Ion Ratio Lower Upper
84 100
49 136.6 104.3 156.5
51 43.1 32.2 48.4
86 66.9 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 18.805 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD01

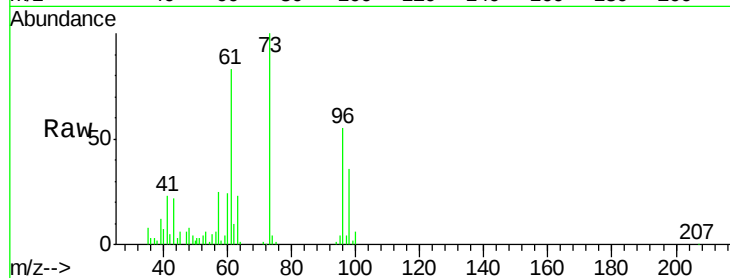
Tgt Ion: 96 Resp: 90061

Ion Ratio Lower Upper

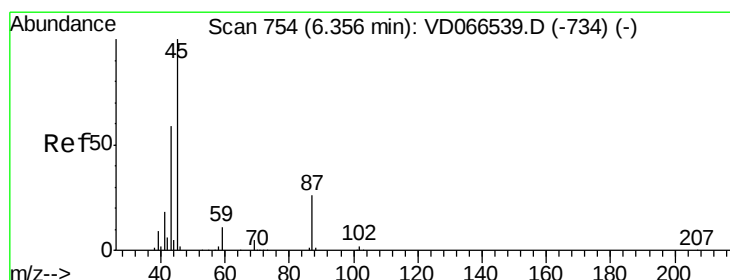
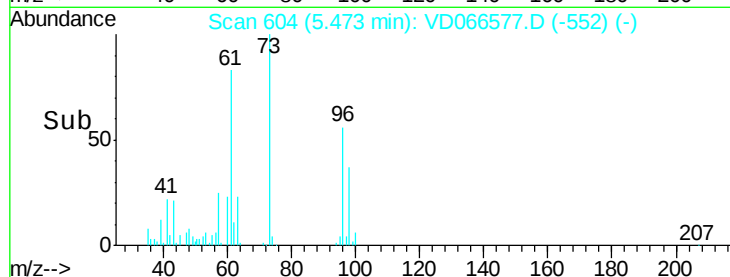
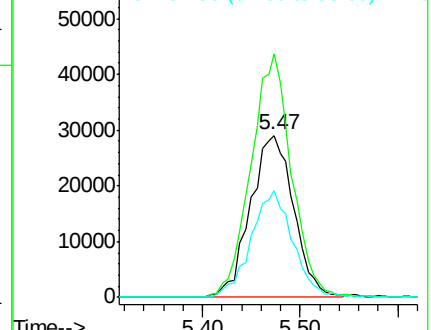
96 100

61 150.2 112.1 168.1

98 65.5 48.6 72.8



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



#22

Diisopropyl ether

Concen: 18.938 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Tgt Ion: 45 Resp: 257414

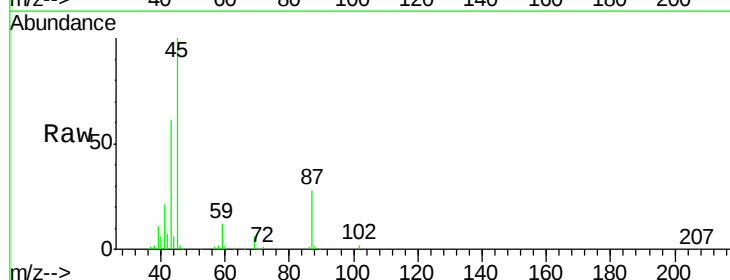
Ion Ratio Lower Upper

45 100

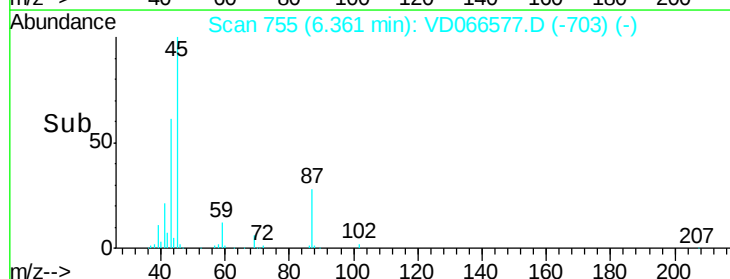
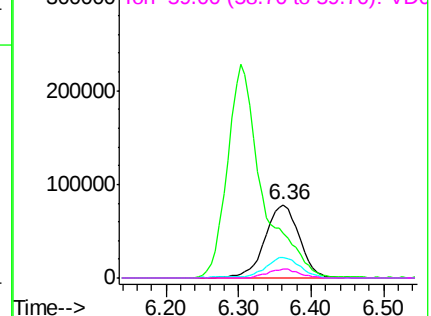
43 60.9 47.0 70.4

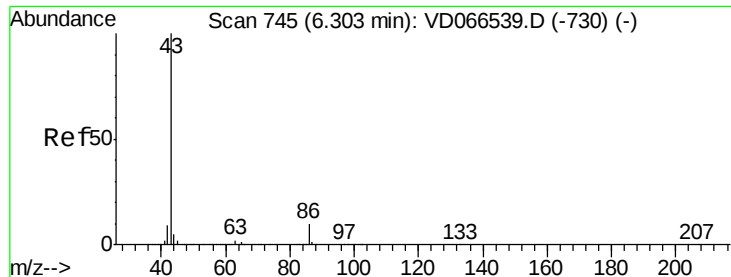
87 27.3 21.3 31.9

59 11.9 8.7 13.1



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





#23

Vinyl Acetate

Concen: 98.189 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

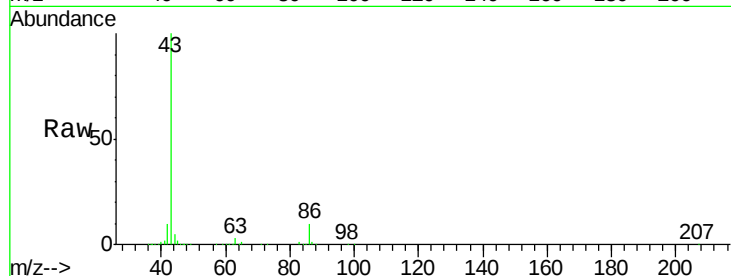
VD0909SBSD01

Tgt Ion: 43 Resp: 759489

Ion Ratio Lower Upper

43 100

86 9.9 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

250000

200000

150000

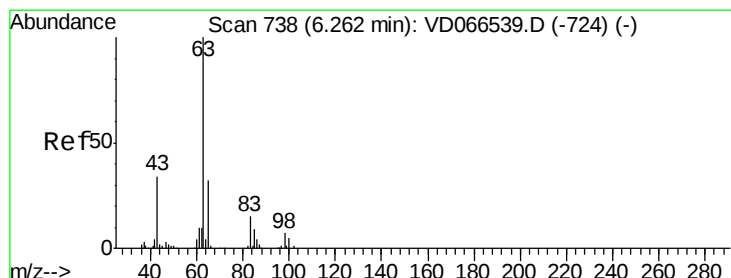
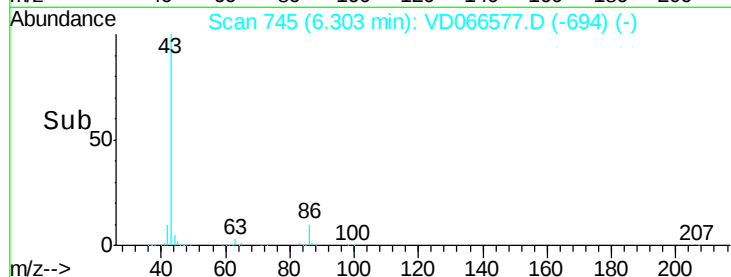
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 18.592 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

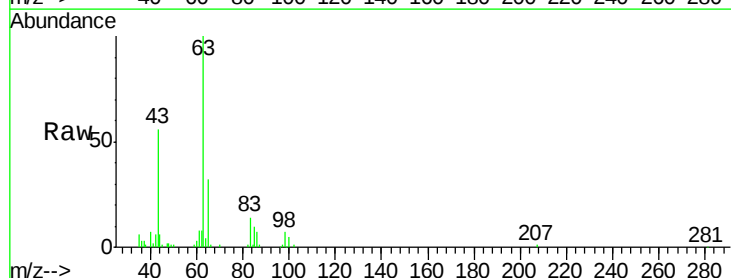
Tgt Ion: 63 Resp: 158913

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 5.0 2.5 7.4



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

6.27

60000

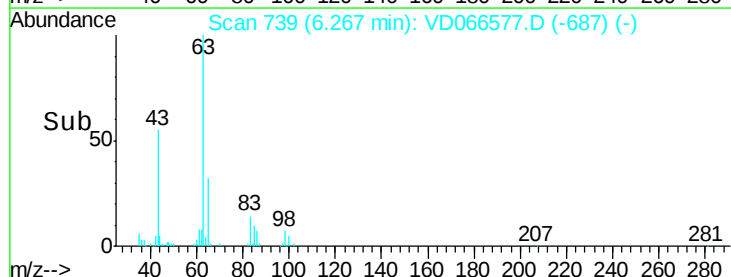
40000

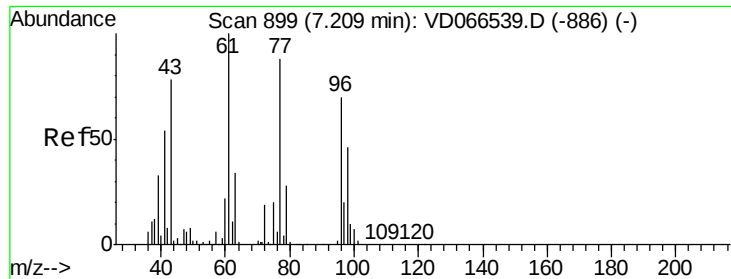
20000

0

6.10 6.20 6.30 6.40

Time-->

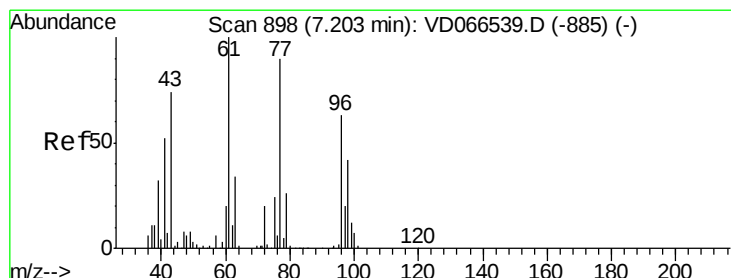
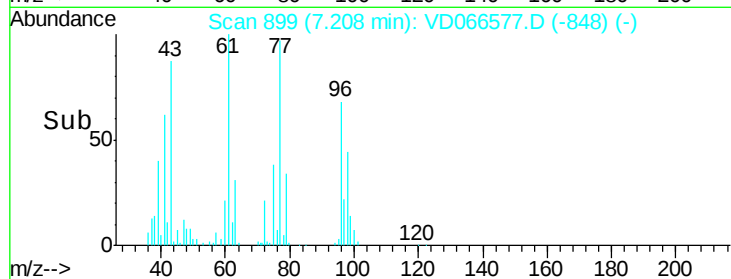
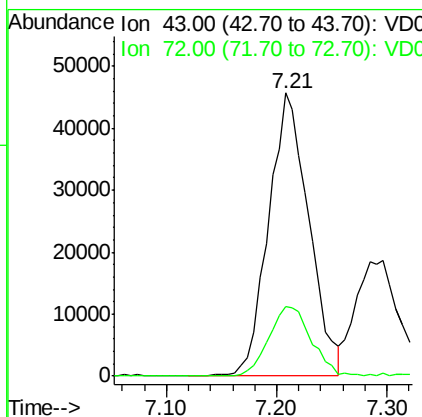
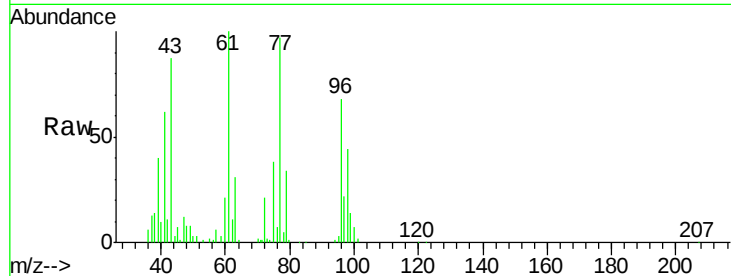




#25
2-Butanone
Concen: 96.653 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

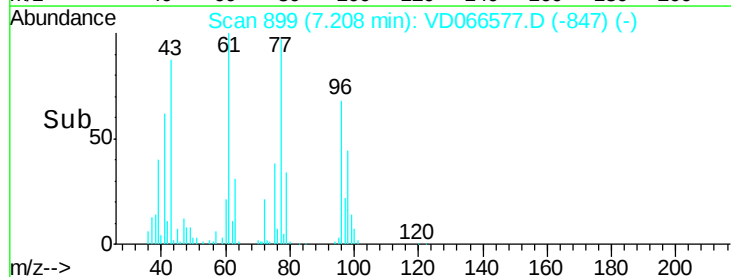
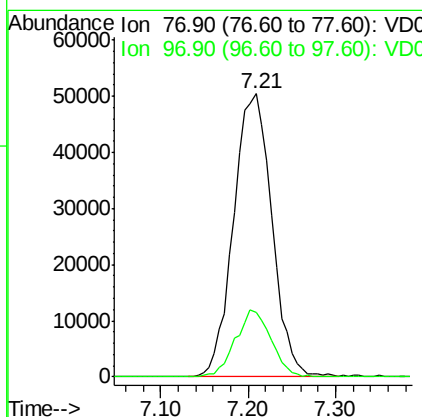
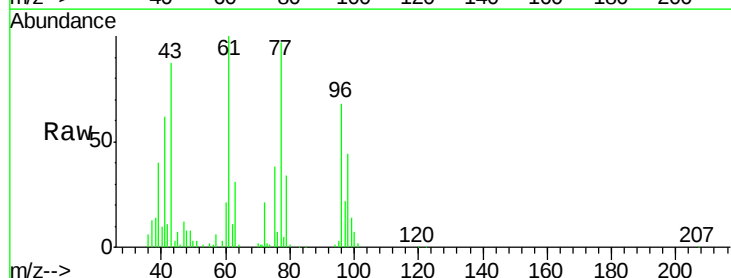
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD01

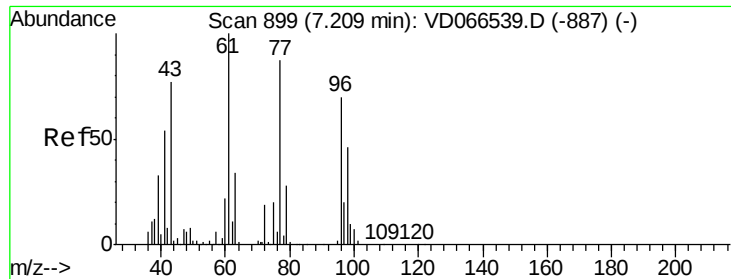
Tgt Ion: 43 Resp: 115622
Ion Ratio Lower Upper
43 100
72 24.5 19.8 29.6



#26
2,2-Dichloropropane
Concen: 19.168 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion: 77 Resp: 150287
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.3



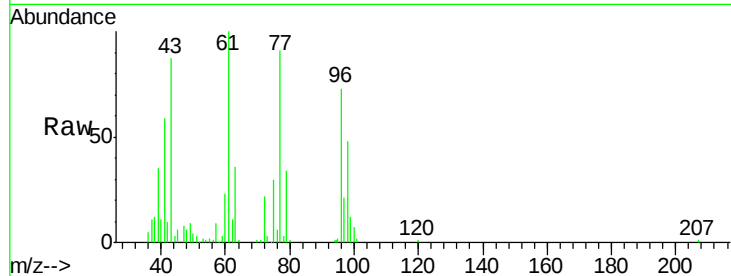


#27

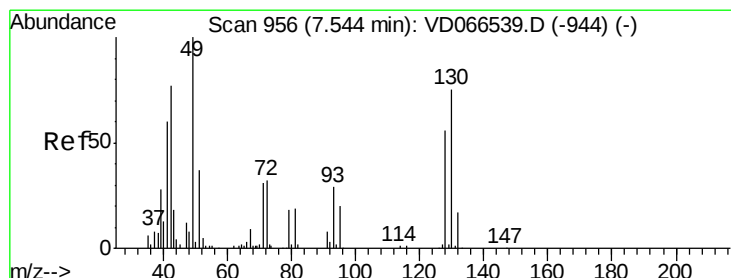
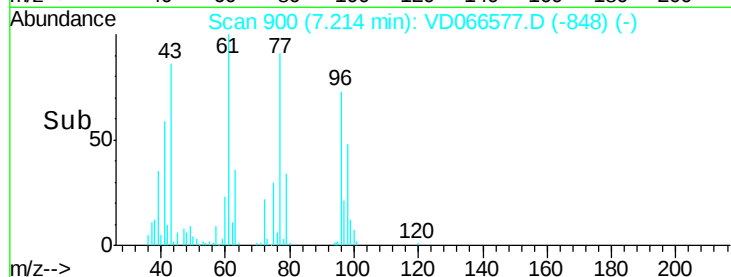
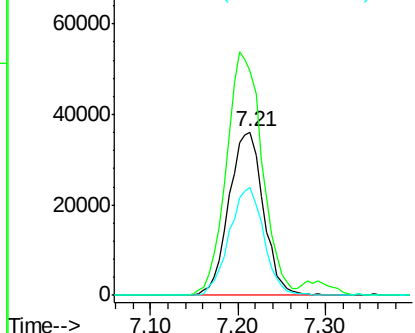
cis-1,2-Dichloroethene
 Concen: 18.775 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD01

Tgt Ion: 96 Resp: 96695
 Ion Ratio Lower Upper
 96 100
 61 154.8 0.0 301.0
 98 65.9 0.0 129.8



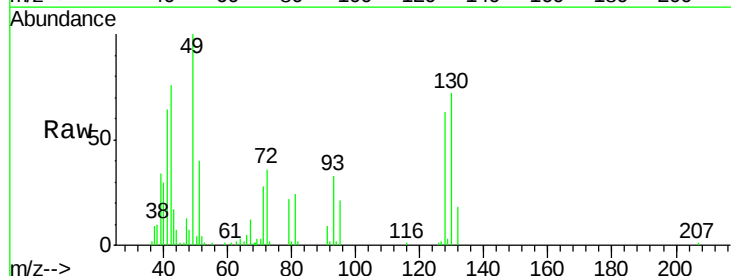
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



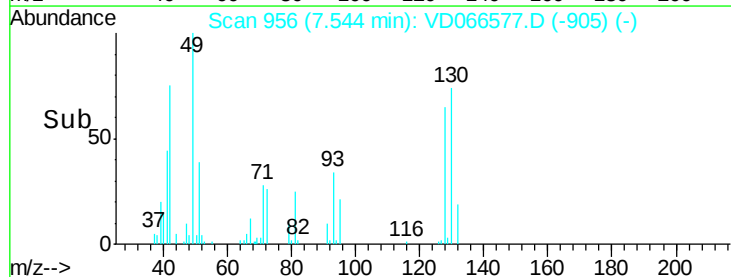
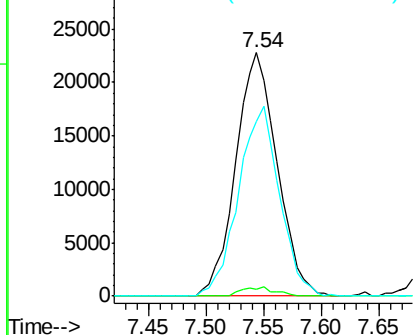
#28

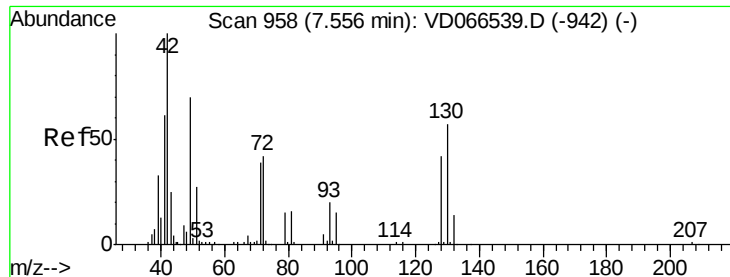
Bromochloromethane
 Concen: 17.243 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion: 49 Resp: 56743
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 2.6#
 130 77.5 58.2 87.2



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

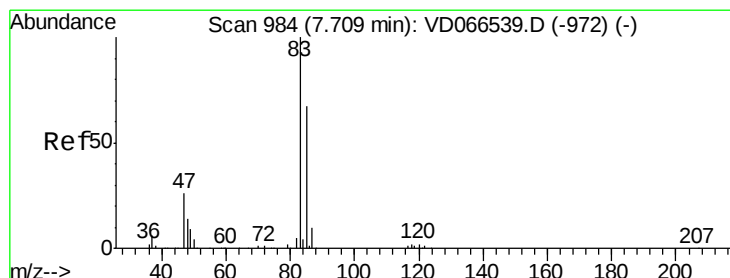
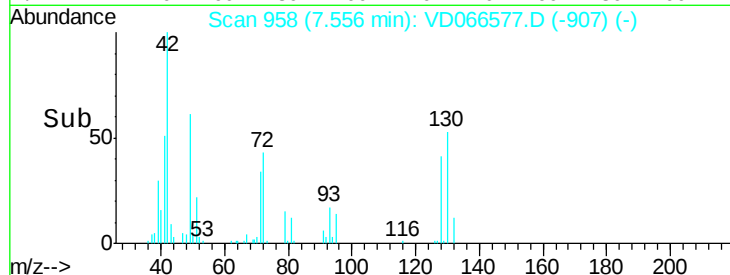
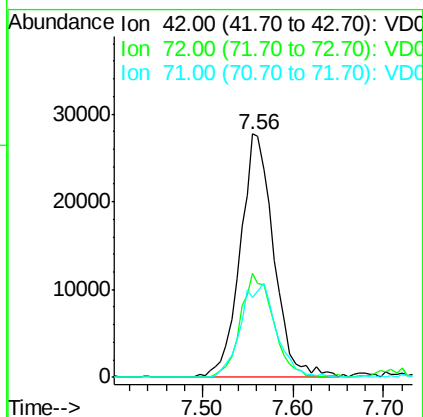
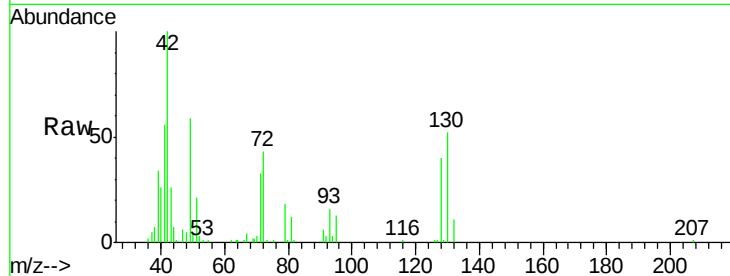




#29
Tetrahydrofuran
Concen: 95.459 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

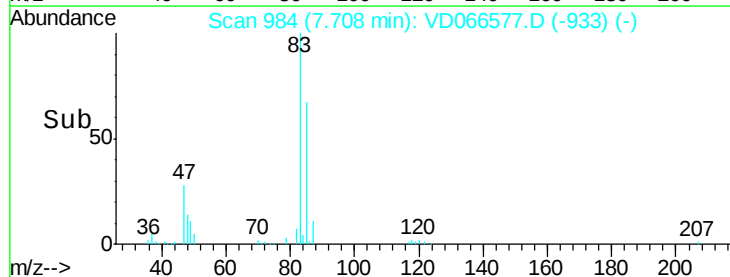
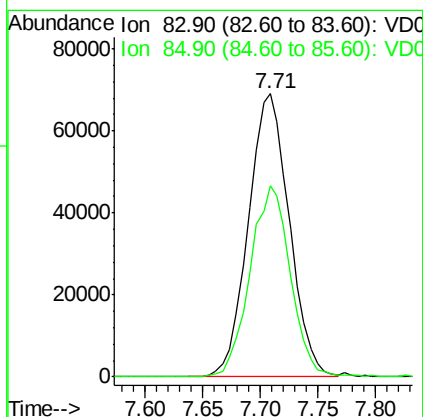
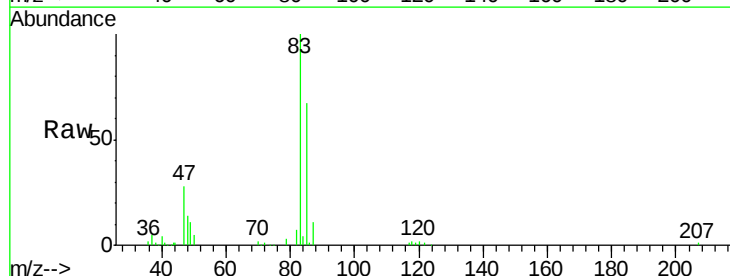
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD01

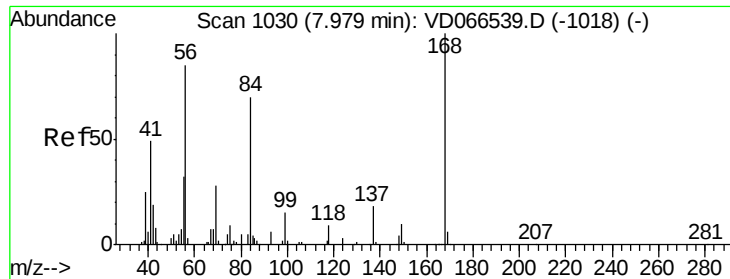
Tgt Ion: 42 Resp: 71119
Ion Ratio Lower Upper
42 100
72 41.8 33.4 50.0
71 40.8 31.9 47.9



#30
Chloroform
Concen: 18.821 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion: 83 Resp: 170196
Ion Ratio Lower Upper
83 100
85 67.4 53.6 80.4

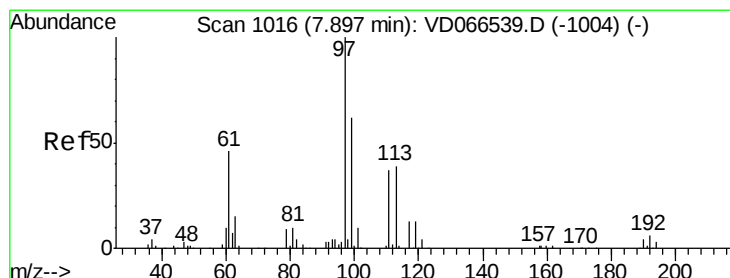
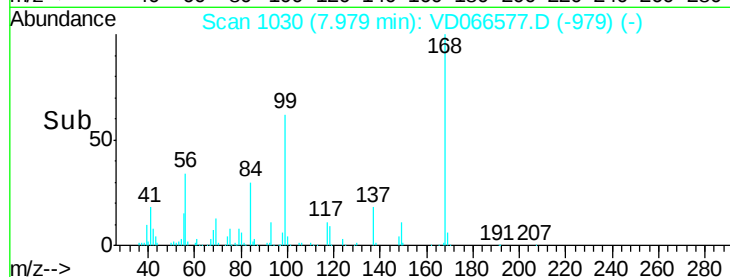
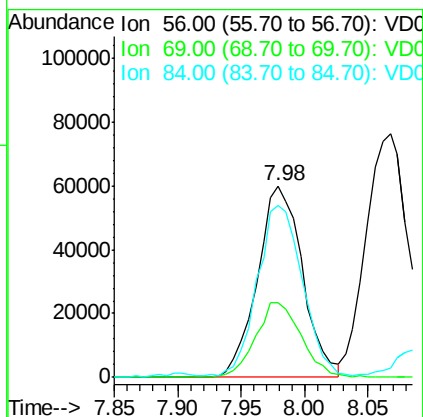
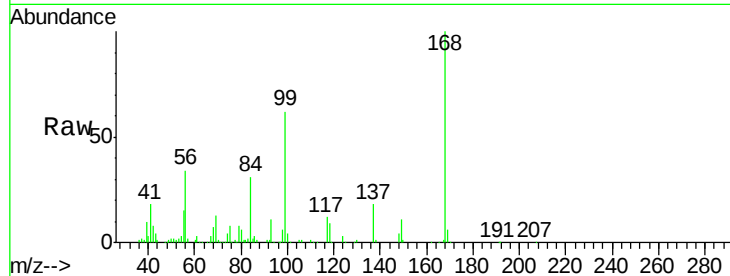




#31
Cyclohexane
Concen: 18.817 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

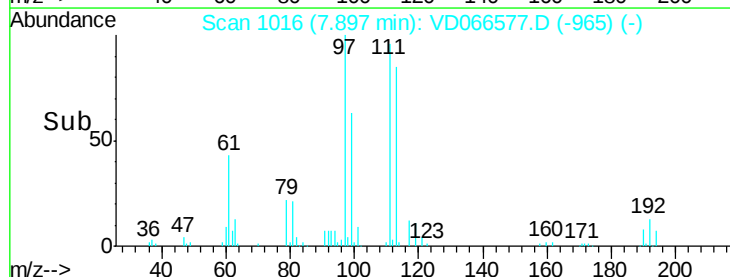
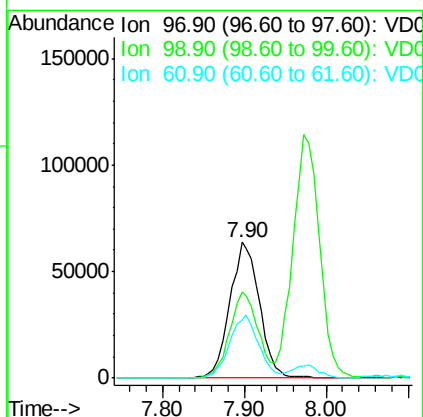
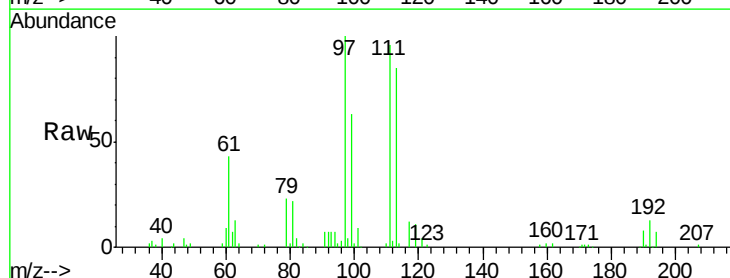
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD01

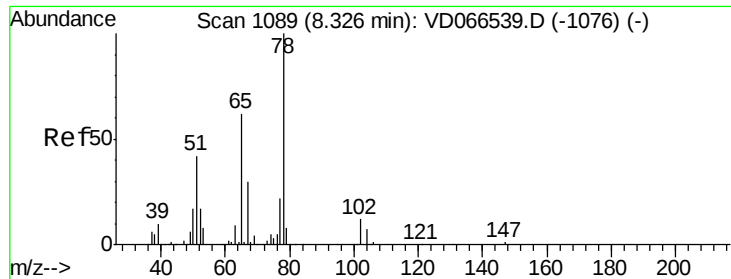
Tgt Ion: 56 Resp: 148677
Ion Ratio Lower Upper
56 100
69 38.8 26.3 39.5
84 88.4 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 18.868 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion: 97 Resp: 160411
Ion Ratio Lower Upper
97 100
99 62.3 51.4 77.0
61 45.3 37.4 56.0

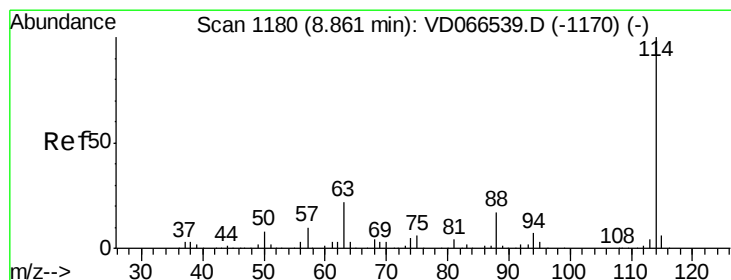
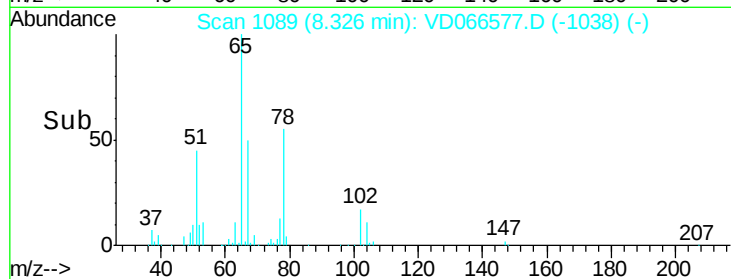
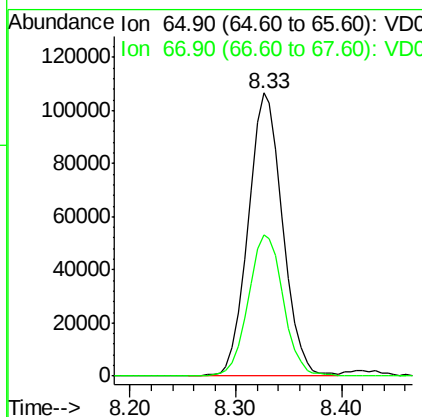
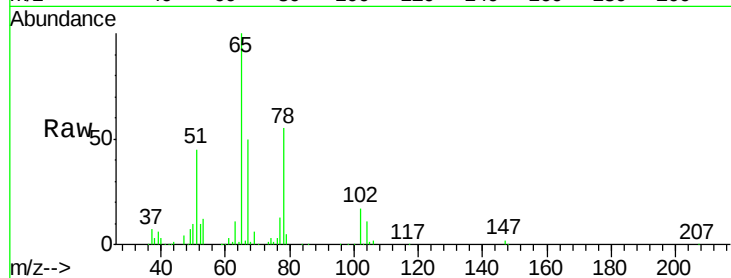




#33
 1,2-Dichloroethane-d4
 Concen: 49.870 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

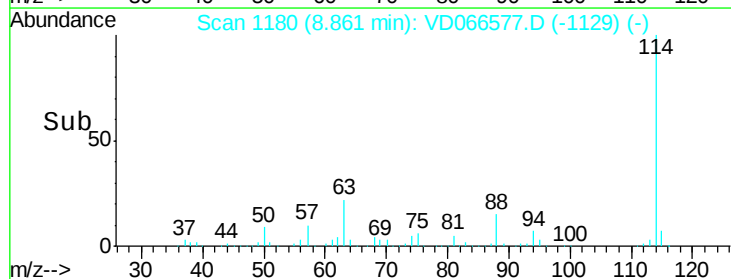
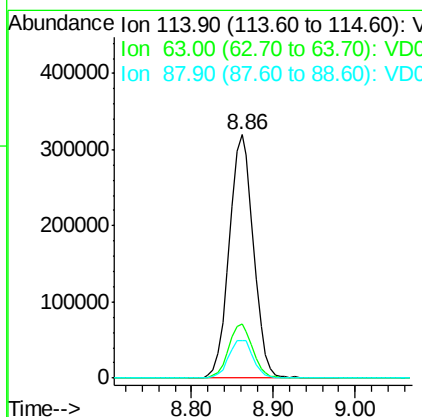
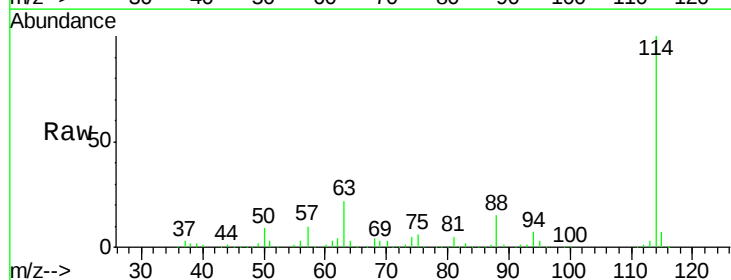
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD01

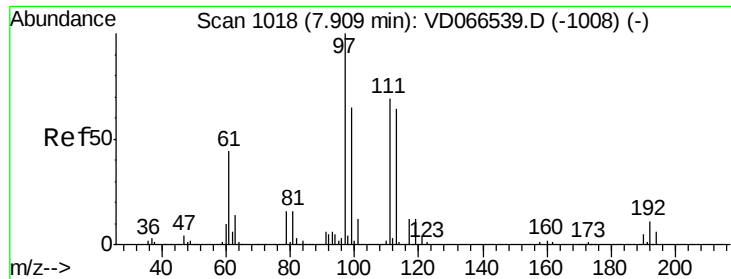
Tgt Ion: 65 Resp: 241531
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion: 114 Resp: 658037
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 15.4 0.0 33.2

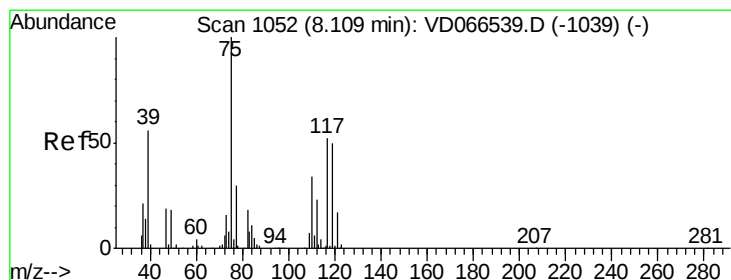
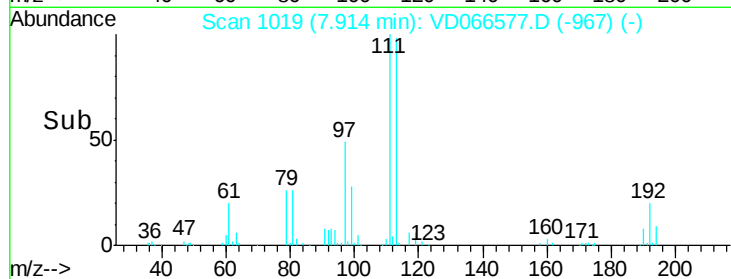
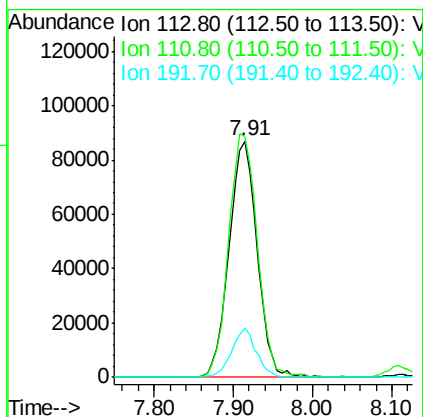
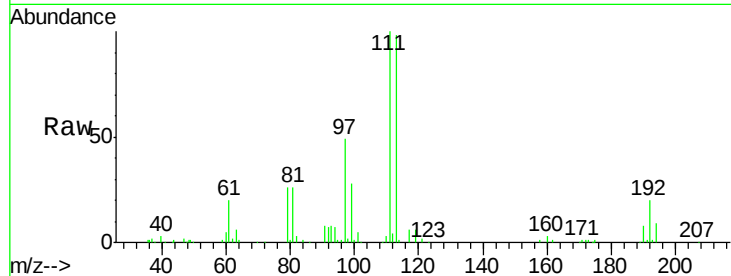




#35
 Dibromofluoromethane
 Concen: 48.151 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

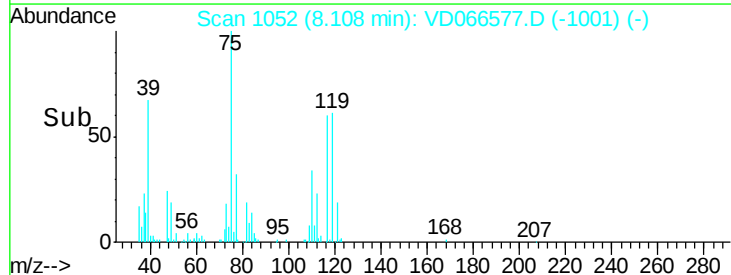
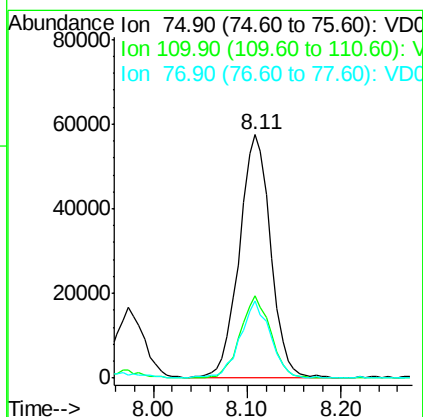
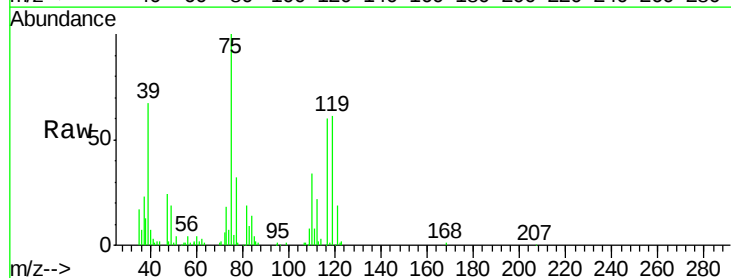
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD01

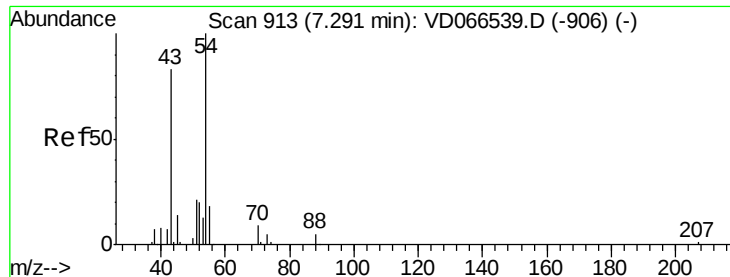
Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.2	83.2	124.8
192	18.3	13.7	20.5



#36
 1,1-Dichloropropene
 Concen: 19.394 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.8	17.3	52.0
77	30.7	25.1	37.7

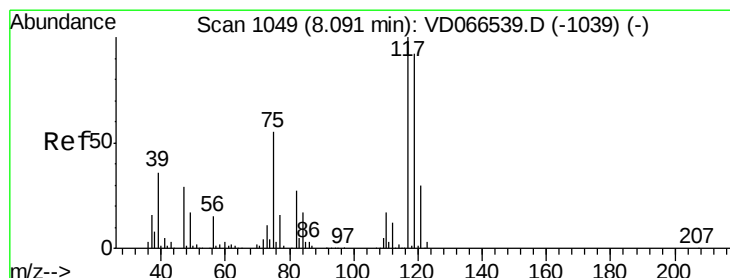
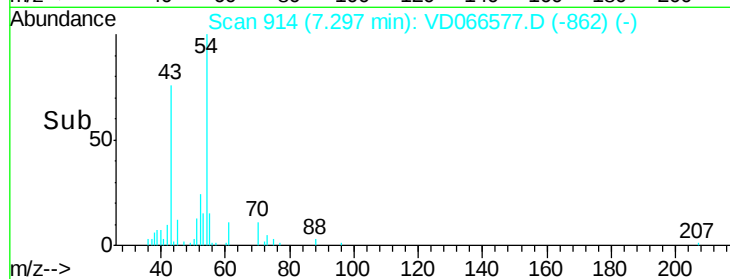
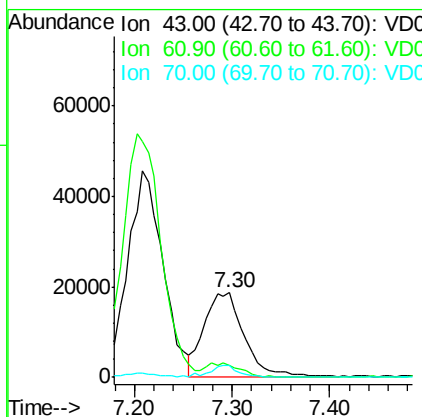
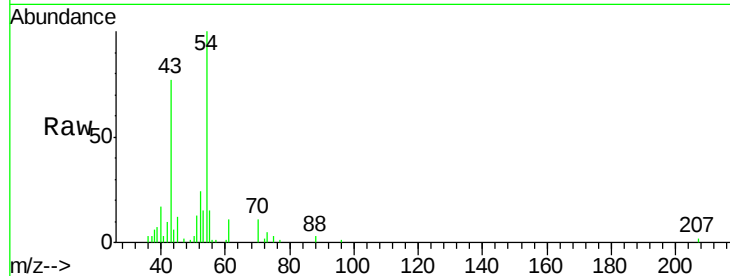




#37
Ethyl Acetate
Concen: 19.698 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

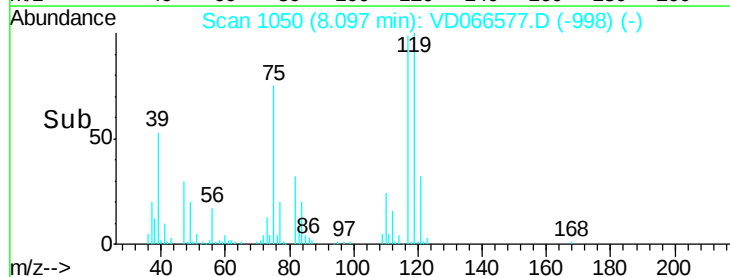
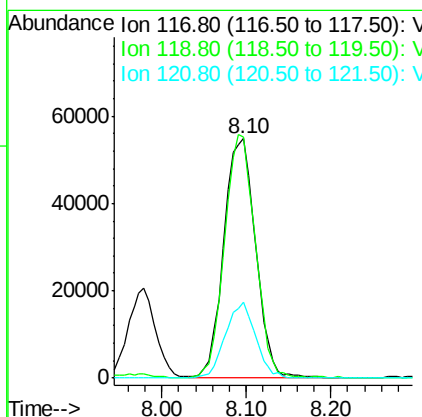
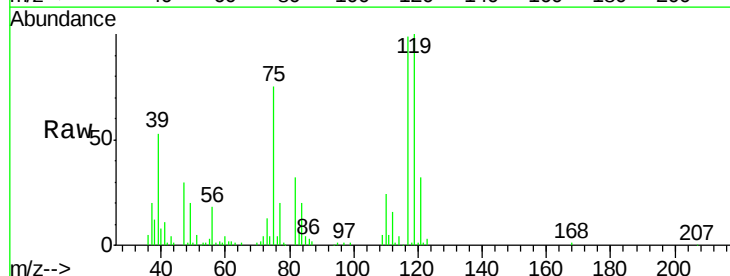
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD01

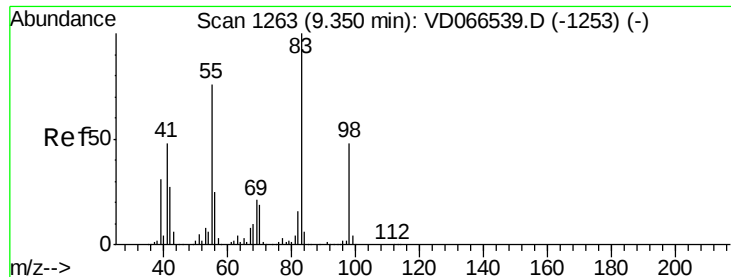
Tgt Ion: 43 Resp: 53715
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.8
70 10.2 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.769 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion: 117 Resp: 143098
Ion Ratio Lower Upper
117 100
119 100.6 73.9 110.9
121 32.0 24.1 36.1

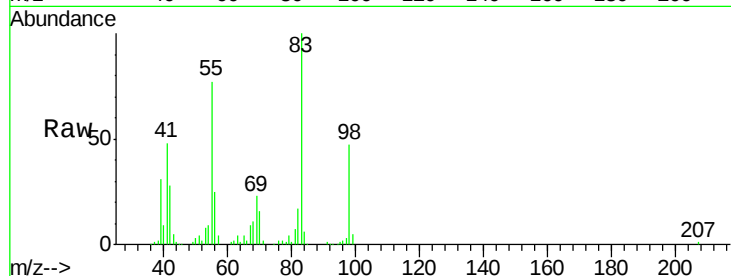




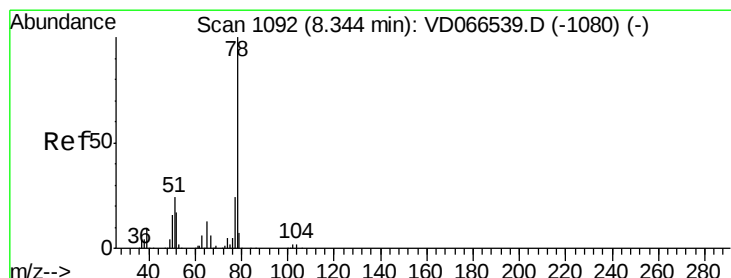
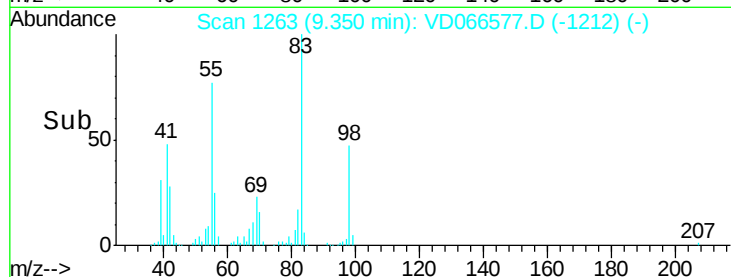
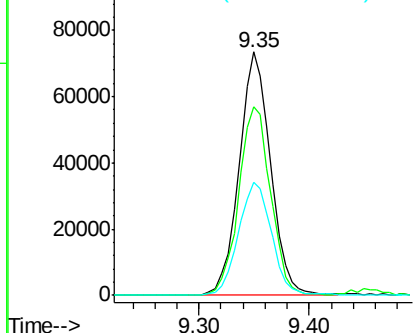
#39
Methylcyclohexane
Concen: 19.246 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tgt Ion: 83 Resp: 147173
Ion Ratio Lower Upper
83 100
55 77.2 60.8 91.2
98 46.5 38.6 58.0

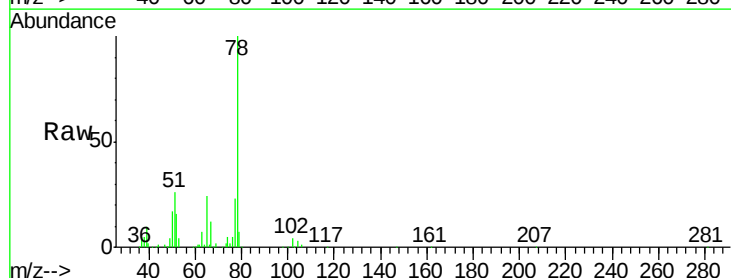


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

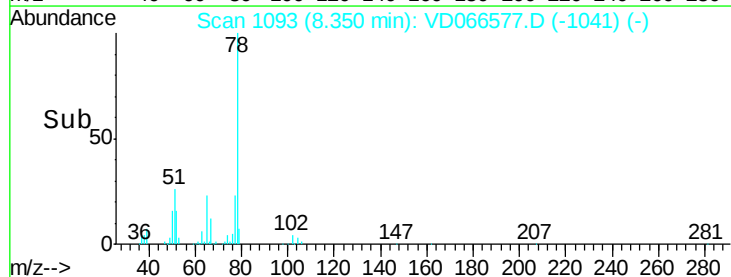
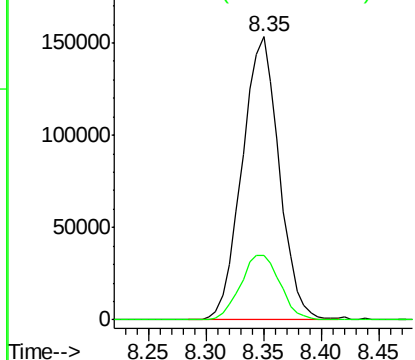


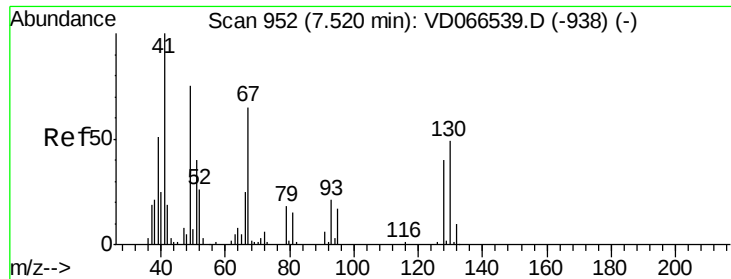
#40
Benzene
Concen: 18.319 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion: 78 Resp: 343594
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7



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

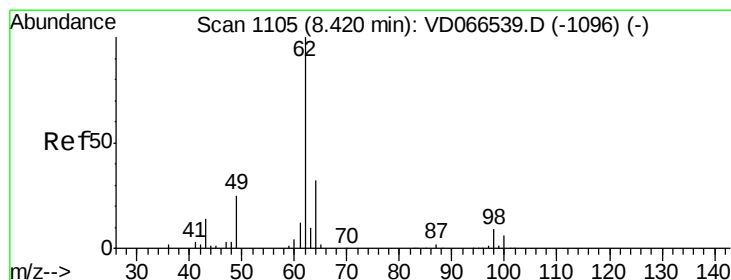
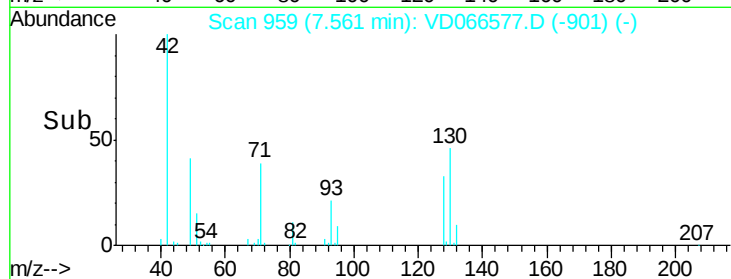
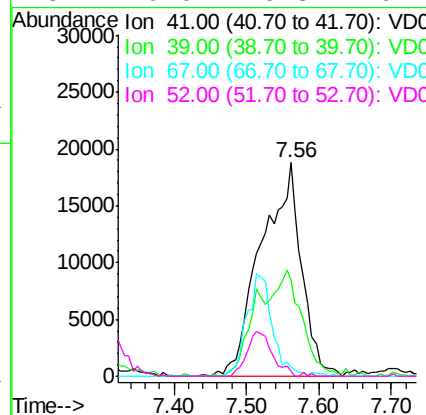
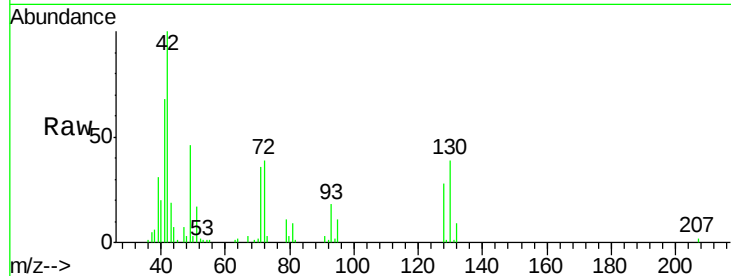




#41
Methacrylonitrile
Concen: 55.357 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

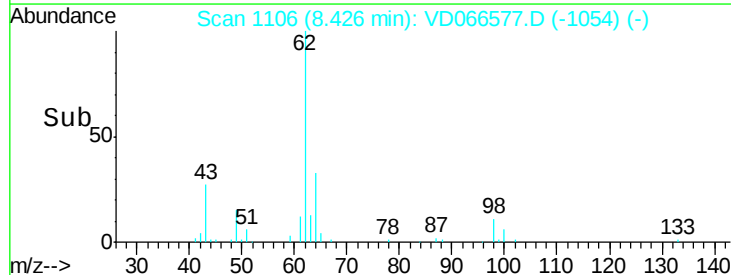
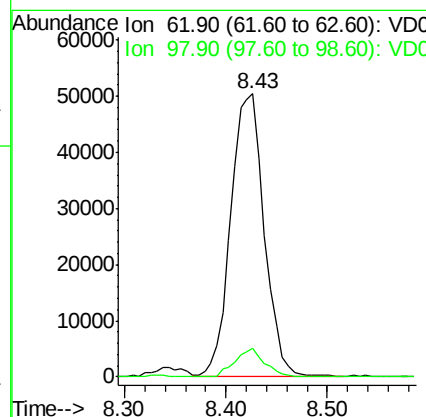
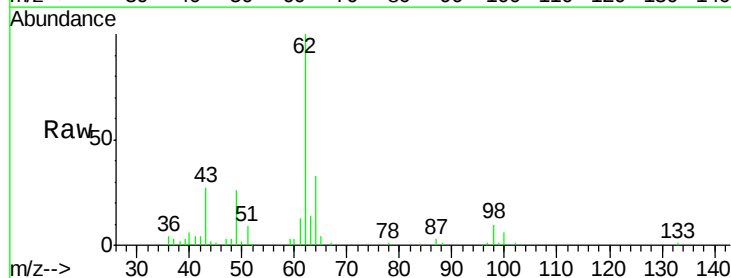
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD01

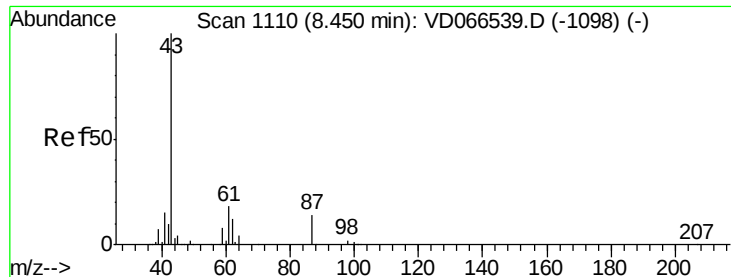
Tgt Ion: 41 Resp: 73071
Ion Ratio Lower Upper
41 100
39 28.3 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#



#42
1,2-Dichloroethane
Concen: 18.987 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion: 62 Resp: 115381
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6





#43

Isopropyl Acetate

Concen: 19.435 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD01

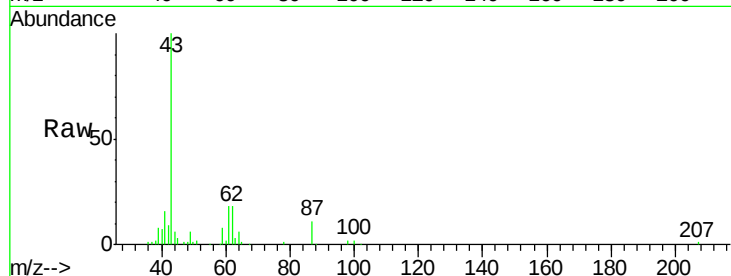
Tgt Ion: 43 Resp: 101563

Ion Ratio Lower Upper

43 100

61 30.2 23.8 35.8

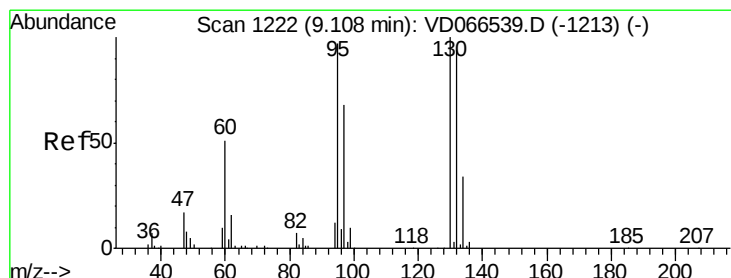
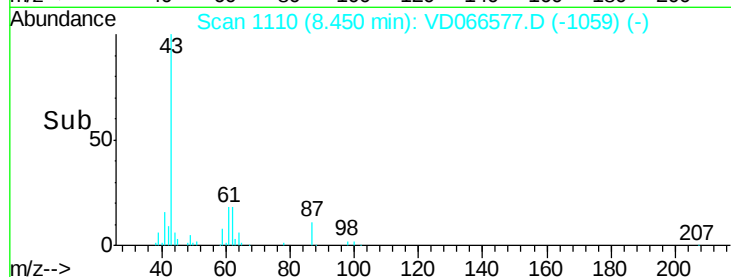
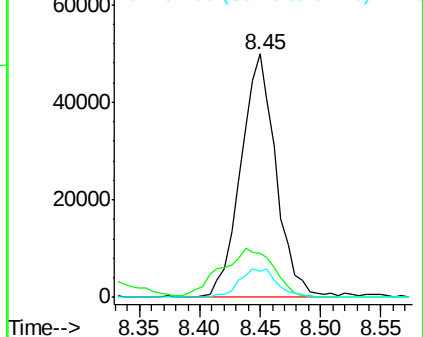
87 12.7 10.7 16.1



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: 19.123 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066577.D

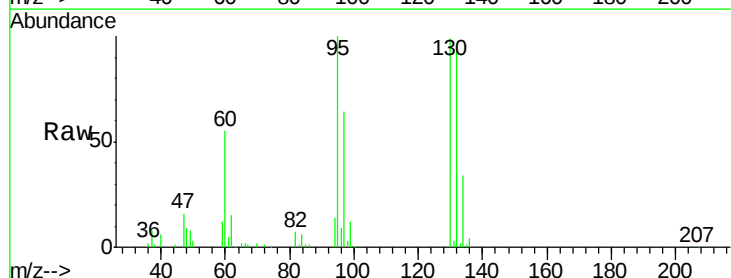
Acq: 09 Sep 2020 12:29

Tgt Ion: 130 Resp: 94079

Ion Ratio Lower Upper

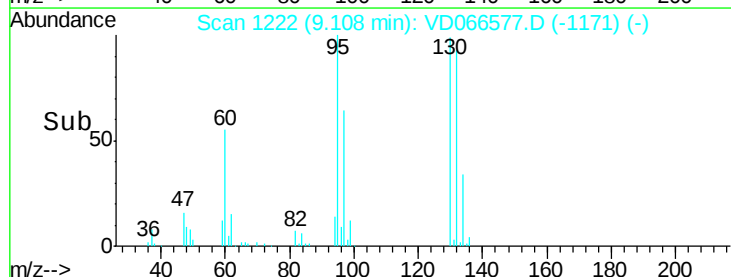
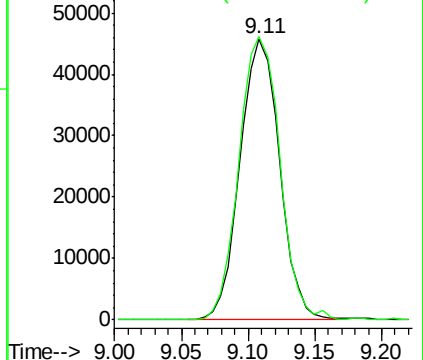
130 100

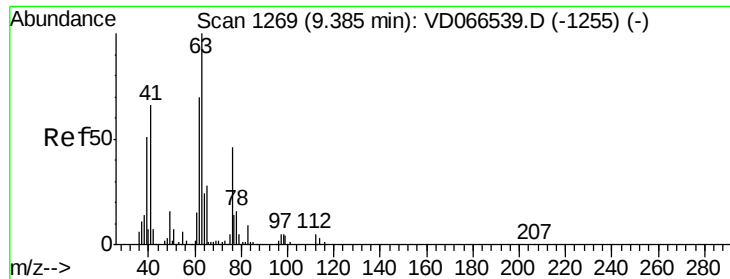
95 100.7 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

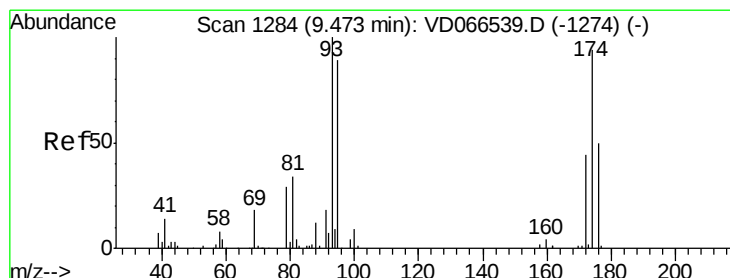
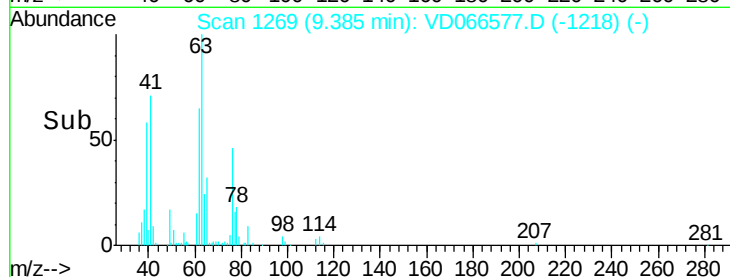
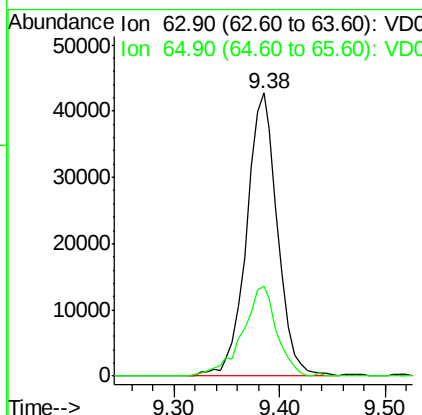
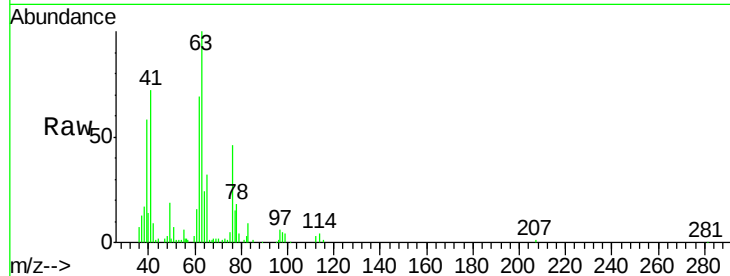




#45
 1,2-Dichloropropane
 Concen: 18.486 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

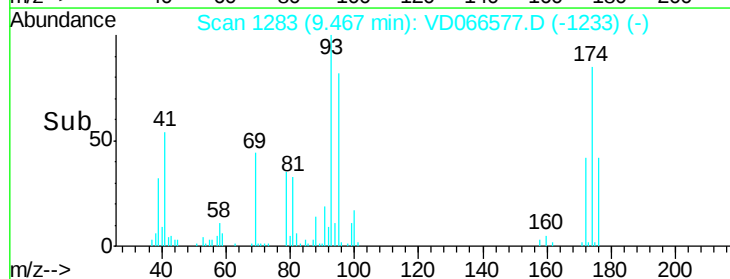
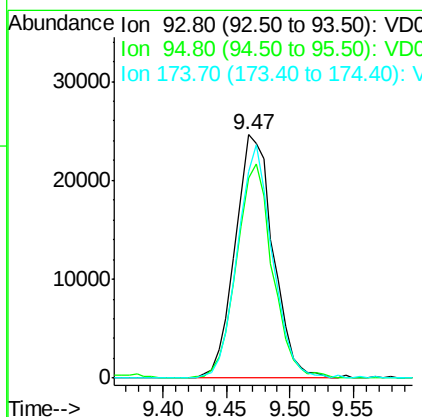
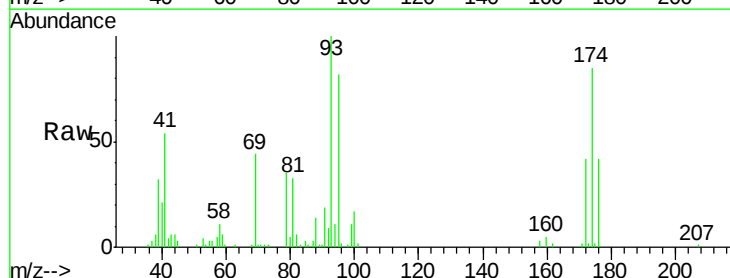
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD01

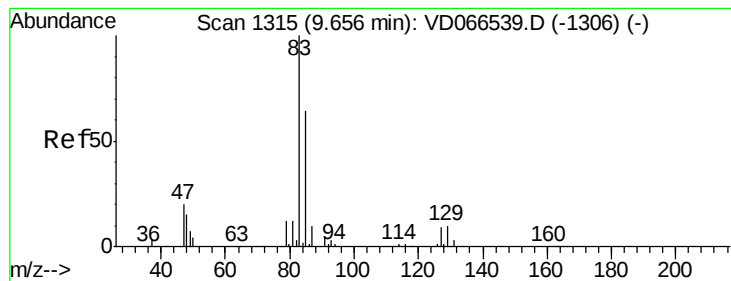
Tgt Ion: 63 Resp: 87194
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.6 34.0



#46
 Dibromomethane
 Concen: 19.629 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion: 93 Resp: 51079
 Ion Ratio Lower Upper
 93 100
 95 83.6 68.7 103.1
 174 88.2 70.0 105.0





#47

Bromodichloromethane

Concen: 19.268 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD01

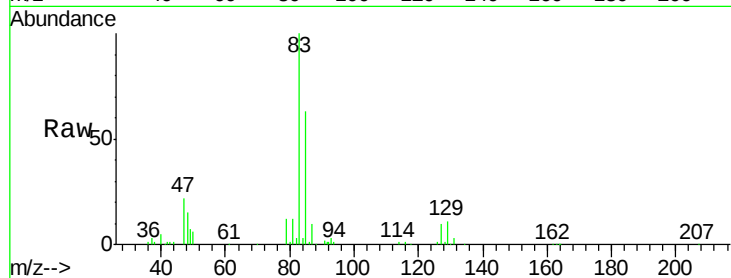
Tgt Ion: 83 Resp: 135656

Ion Ratio Lower Upper

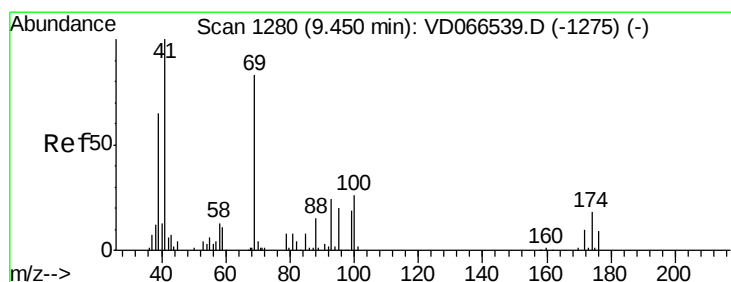
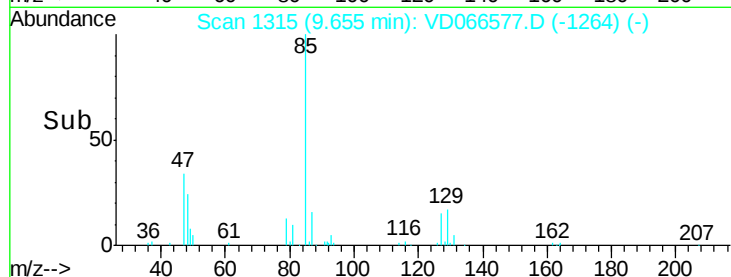
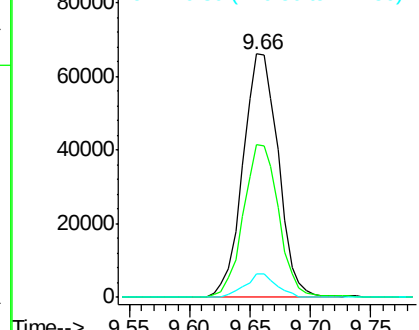
83 100

85 62.9 51.1 76.7

127 9.7 6.9 10.3



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



#48

Methyl methacrylate

Concen: 17.674 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

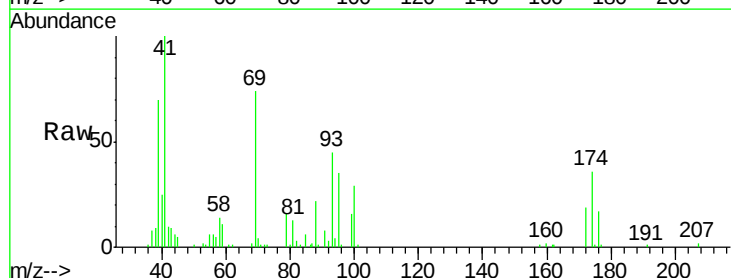
Tgt Ion: 41 Resp: 46702

Ion Ratio Lower Upper

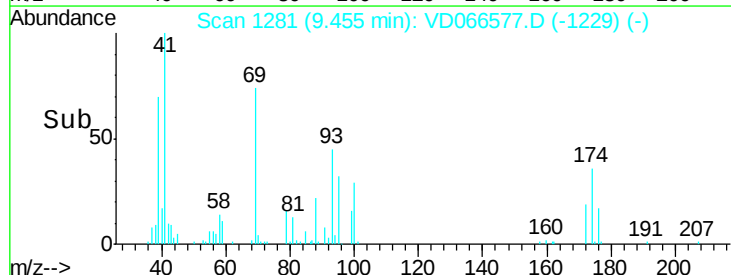
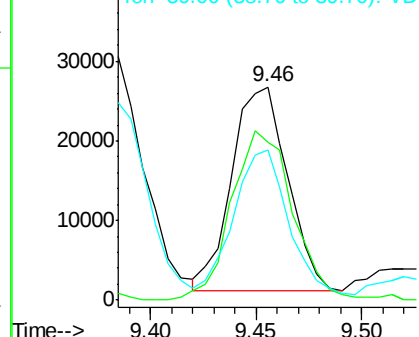
41 100

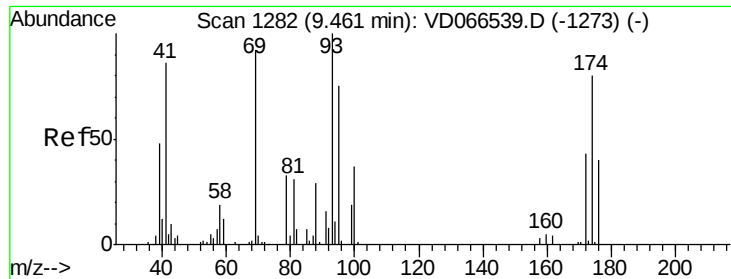
69 91.7 64.5 96.7

39 69.6 46.6 69.8



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

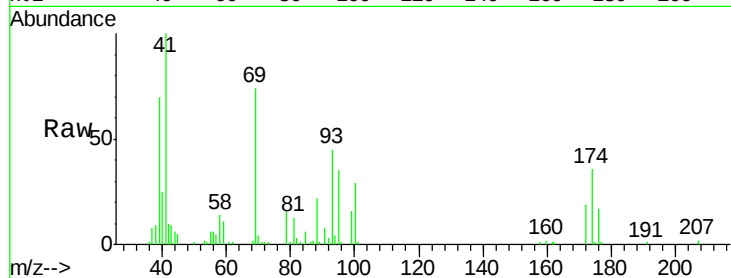




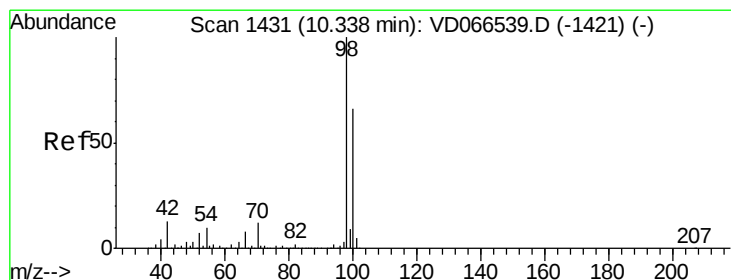
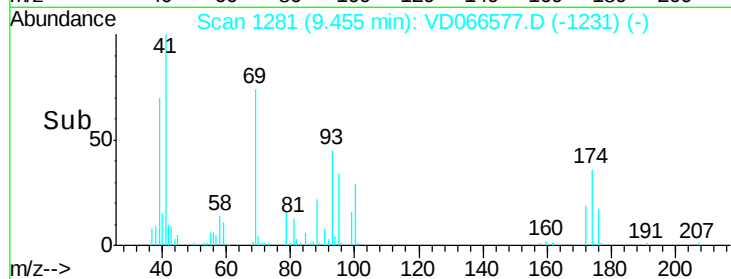
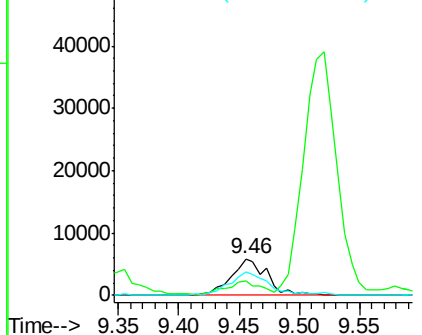
#49
 1,4-Dioxane
 Concen: 422.751 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD01

Tgt Ion: 88 Resp: 12069
 Ion Ratio Lower Upper
 88 100
 43 38.6 28.3 42.5
 58 68.3 56.1 84.1

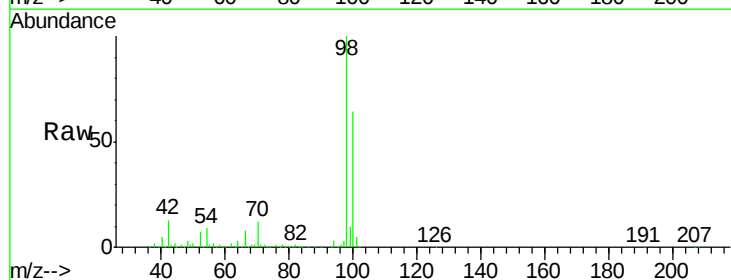


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

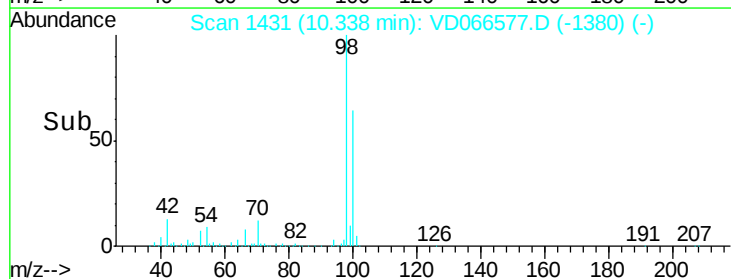
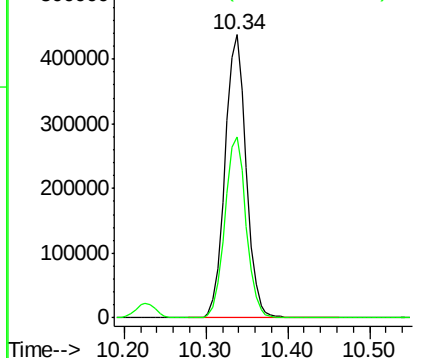


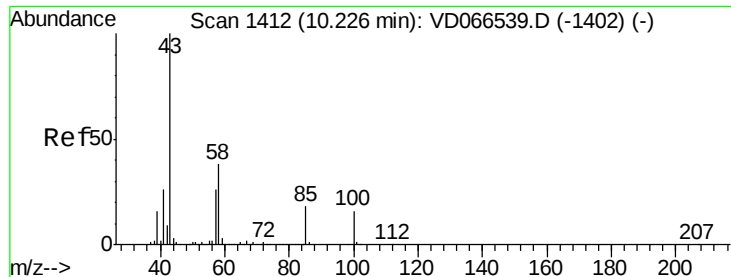
#50
 Toluene-d8
 Concen: 49.561 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion: 98 Resp: 786343
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.9 79.3



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

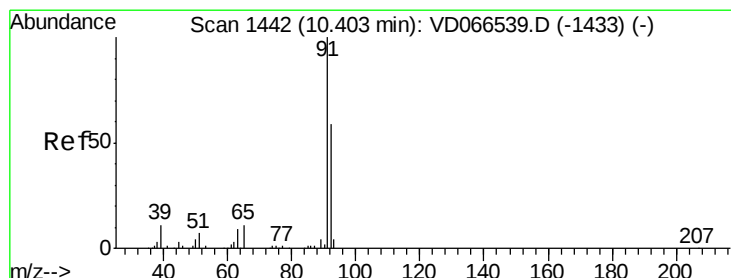
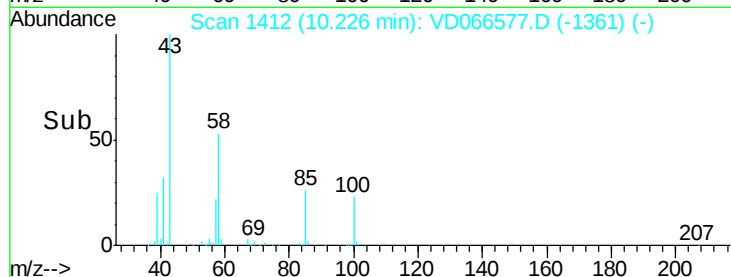
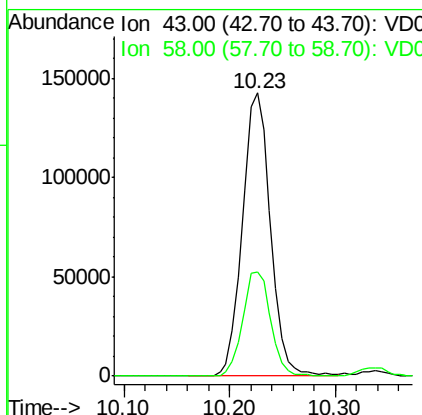
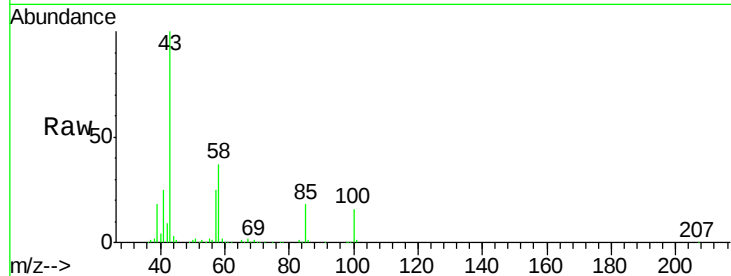




#51
 4-Methyl-2-Pentanone
 Concen: 99.783 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

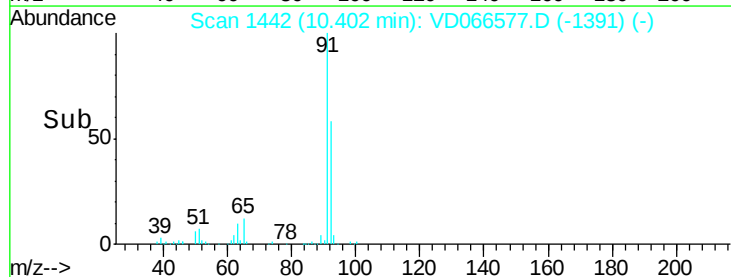
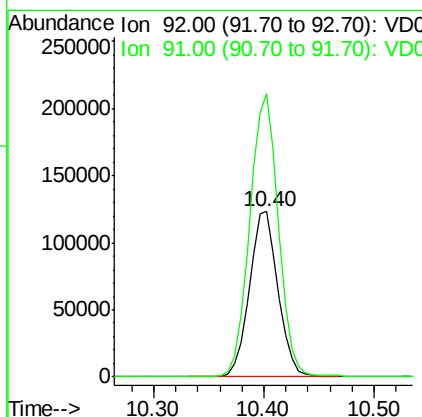
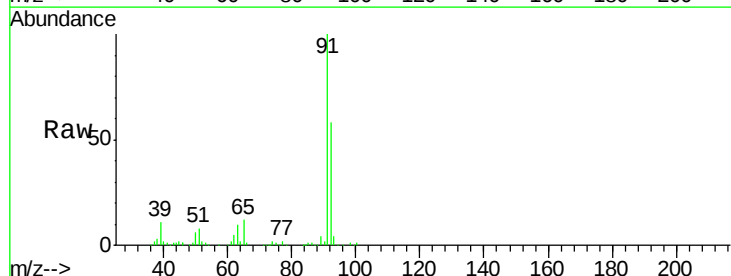
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD01

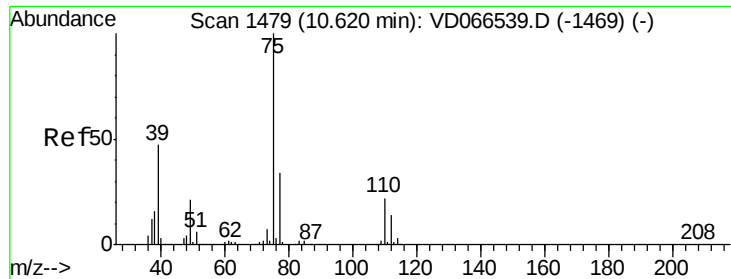
Tgt Ion: 43 Resp: 262981
 Ion Ratio Lower Upper
 43 100
 58 36.6 30.5 45.7



#52
 Toluene
 Concen: 18.909 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion: 92 Resp: 224499
 Ion Ratio Lower Upper
 92 100
 91 171.3 137.4 206.2

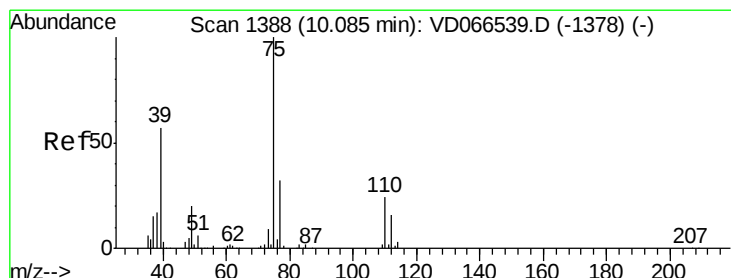
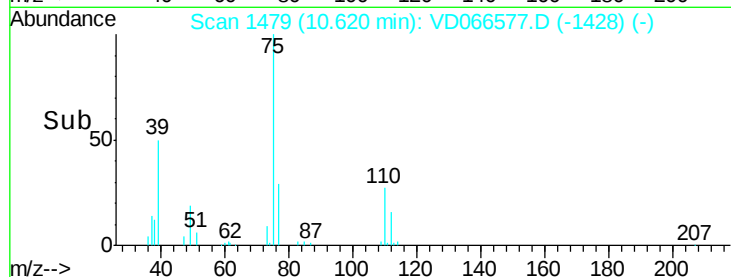
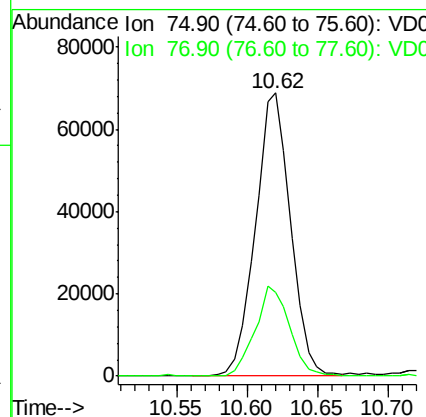
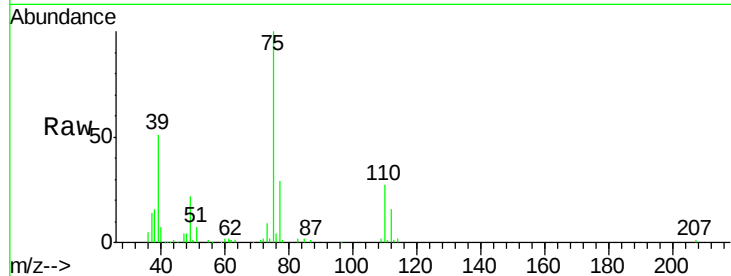




#53
 t-1,3-Dichloropropene
 Concen: 19.357 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

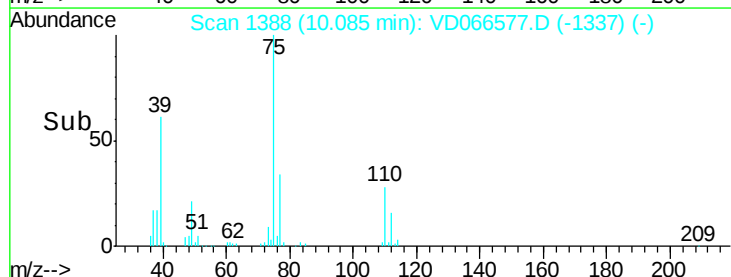
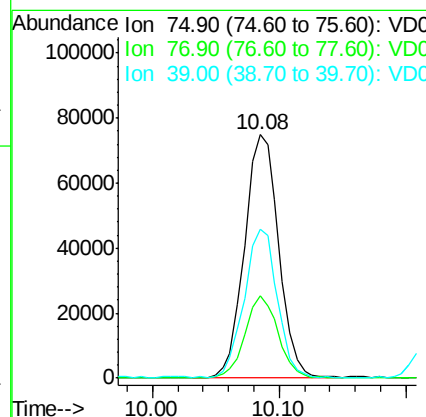
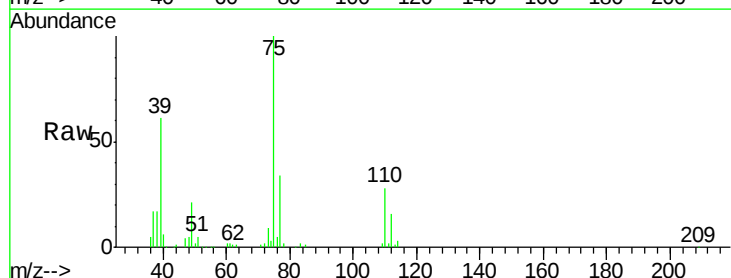
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD01

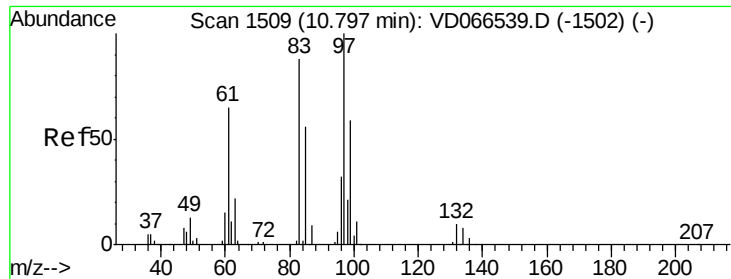
Tgt Ion: 75 Resp: 120304
 Ion Ratio Lower Upper
 75 100
 77 29.5 27.4 41.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.835 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion: 75 Resp: 140574
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.4 38.0
 39 61.1 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 19.926 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD01

Tgt Ion: 97 Resp: 66671

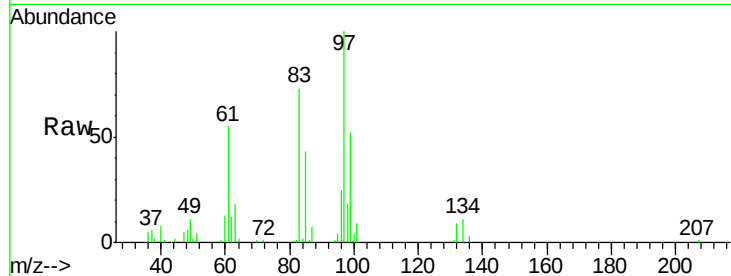
Ion Ratio Lower Upper

97 100

83 72.8 70.1 105.1

85 42.7 44.5 66.7#

99 52.3 47.1 70.7

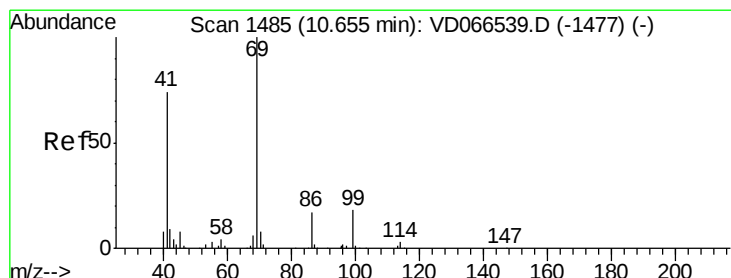
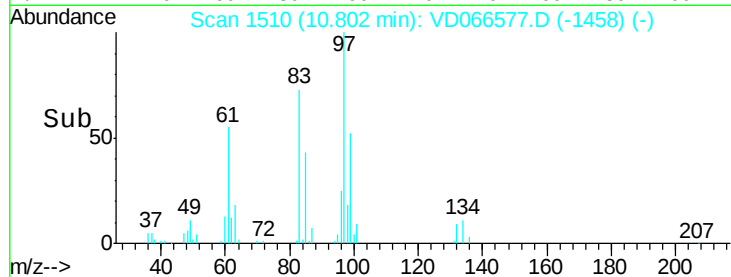
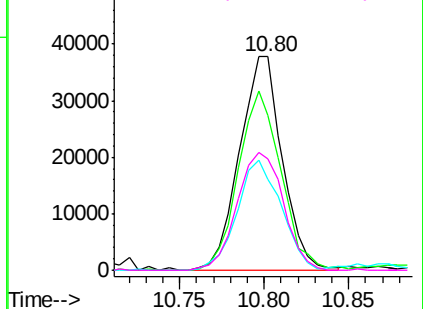


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 18.681 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

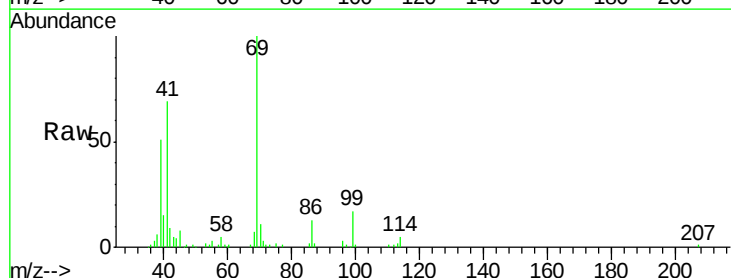
Tgt Ion: 69 Resp: 72777

Ion Ratio Lower Upper

69 100

41 73.4 56.8 85.2

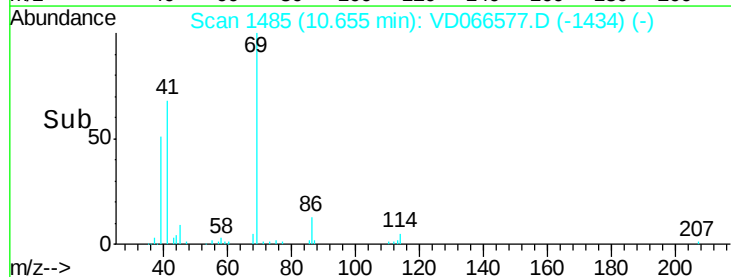
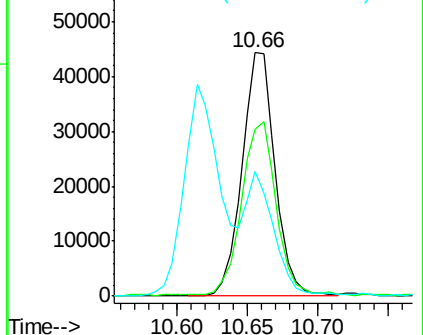
39 42.3 30.6 46.0

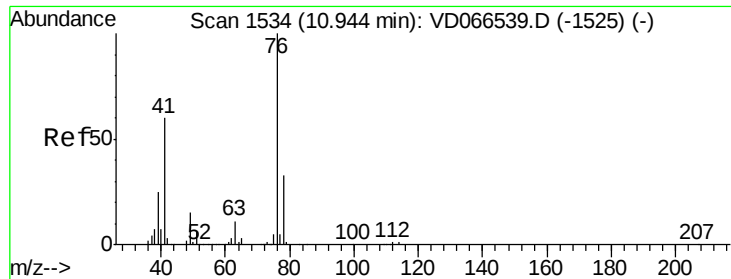


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

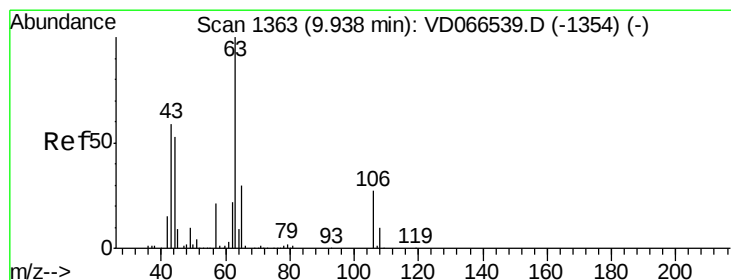
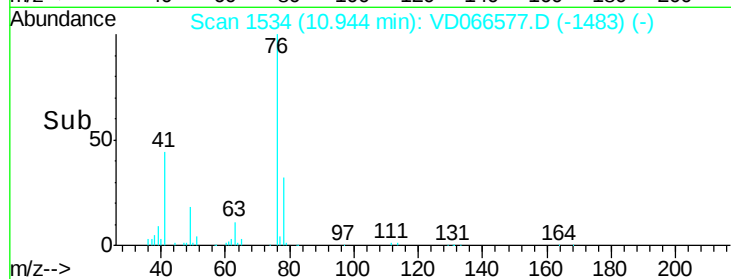
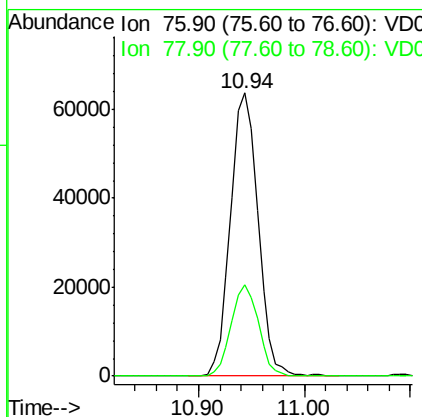
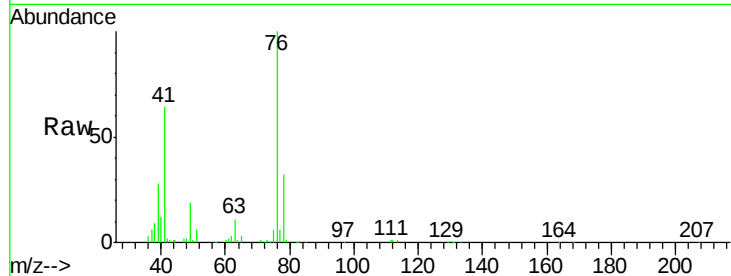




#57
 1,3-Dichloropropane
 Concen: 19.603 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

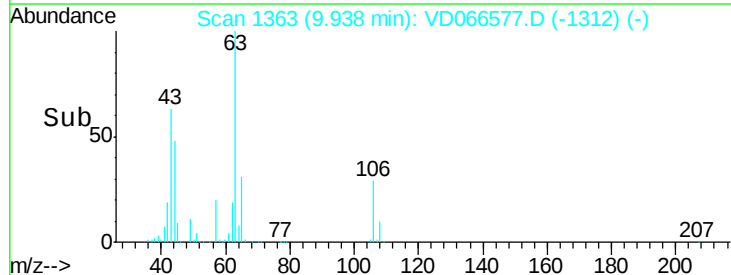
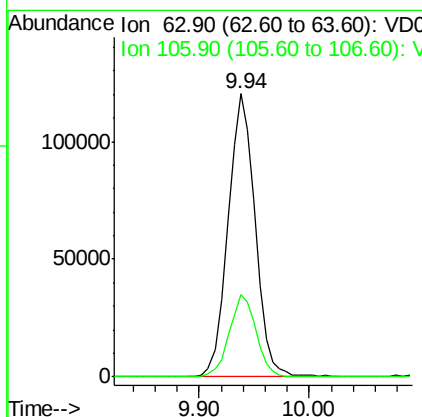
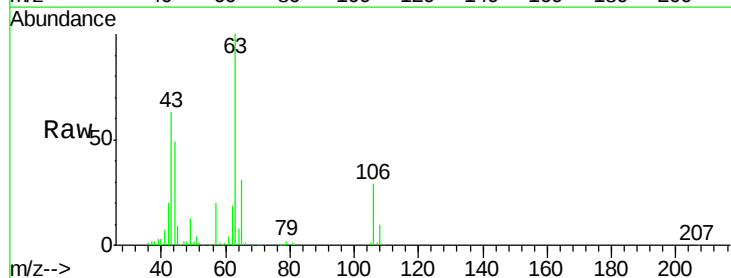
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD01

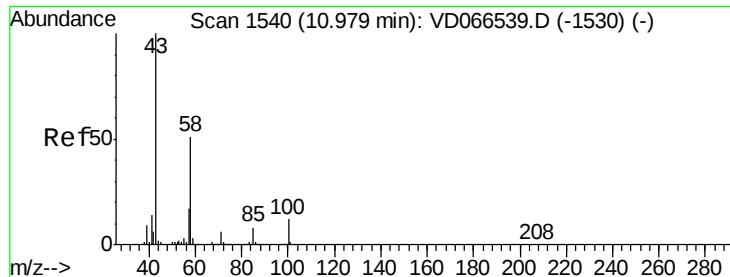
Tgt Ion: 76 Resp: 114886
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.140 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion: 63 Resp: 206947
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.0 33.0

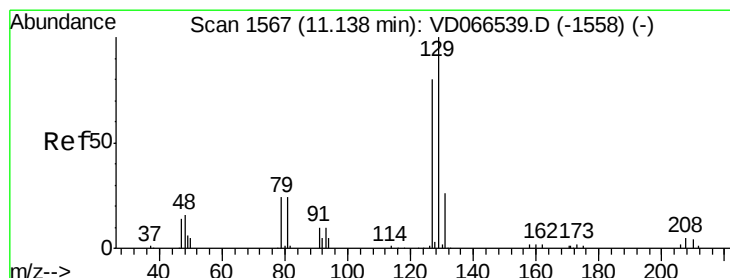
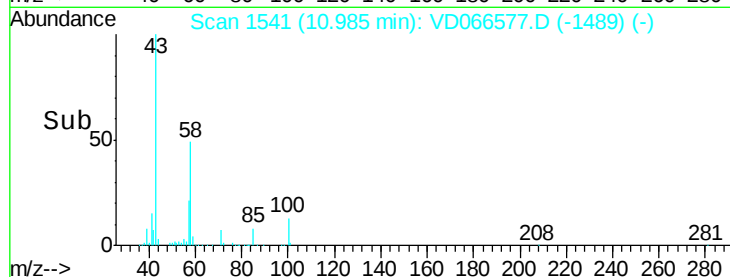
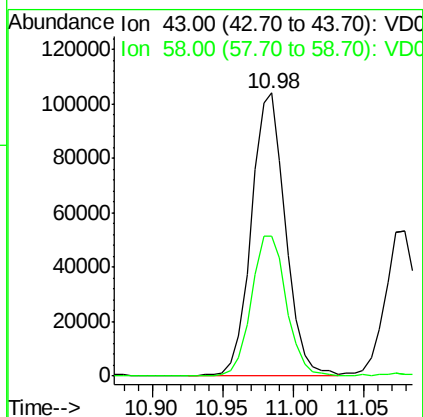
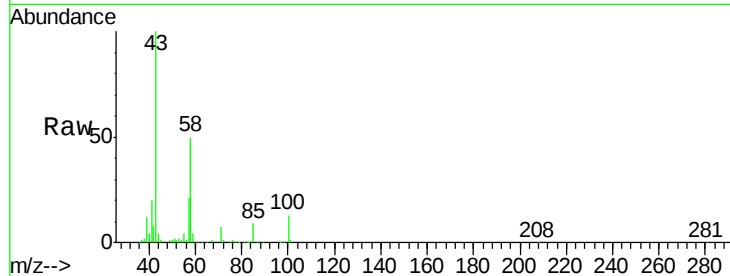




#59
2-Hexanone
Concen: 99.781 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

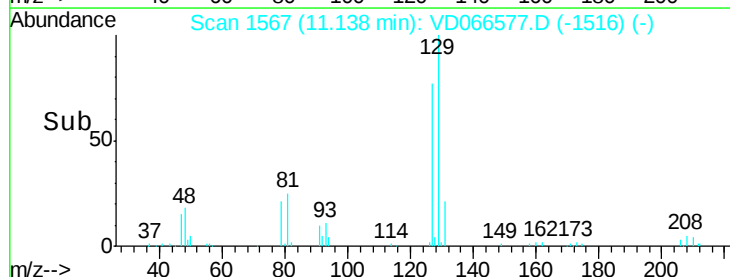
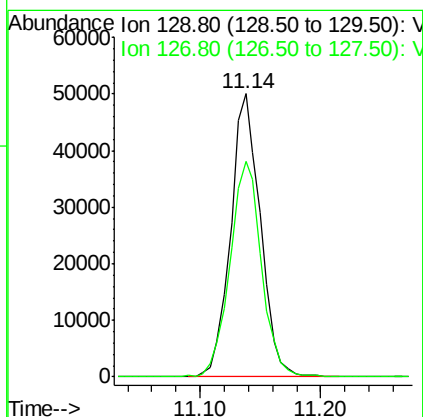
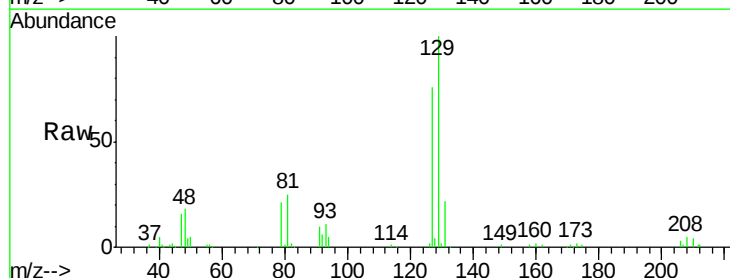
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

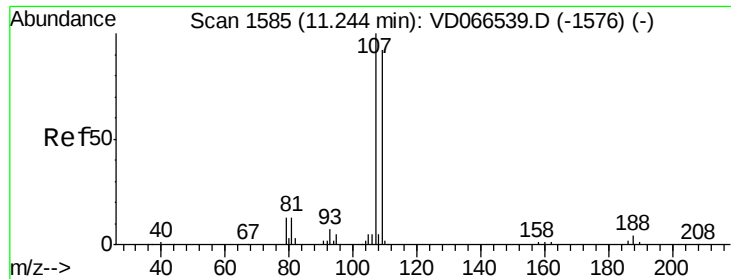
Tgt Ion: 43 Resp: 176846
Ion Ratio Lower Upper
43 100
58 50.9 25.6 76.8



#60
Dibromochloromethane
Concen: 19.374 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion: 129 Resp: 85720
Ion Ratio Lower Upper
129 100
127 80.5 39.5 118.3

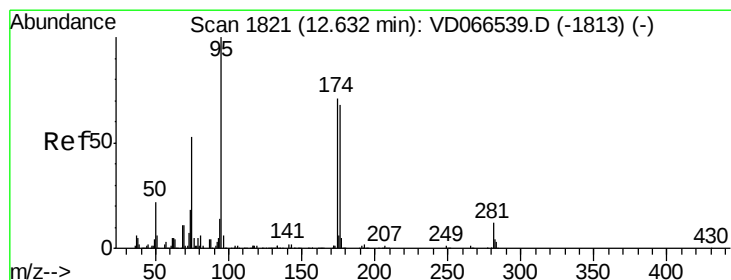
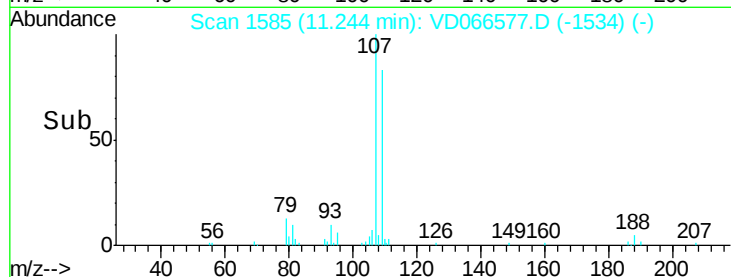
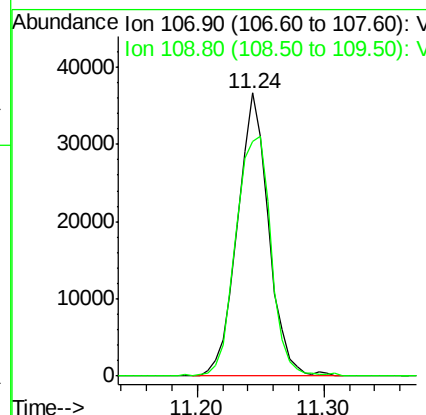
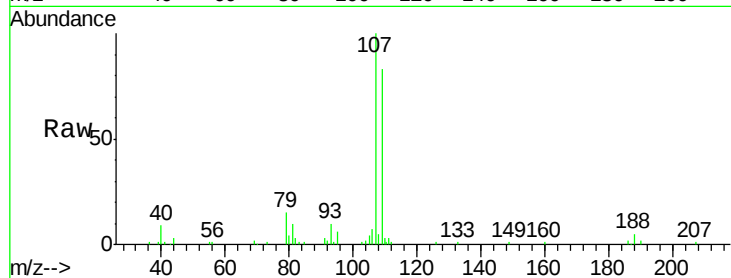




#61
 1,2-Dibromoethane
 Concen: 19.155 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

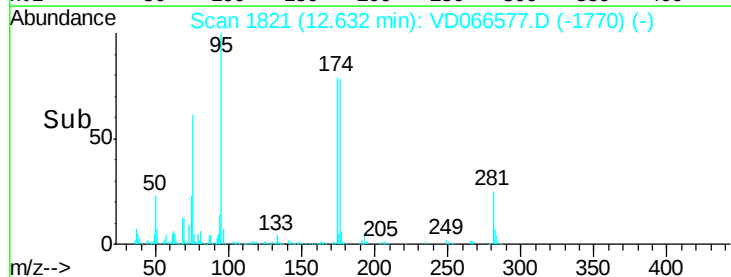
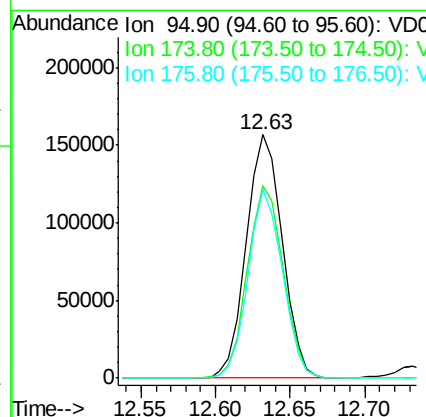
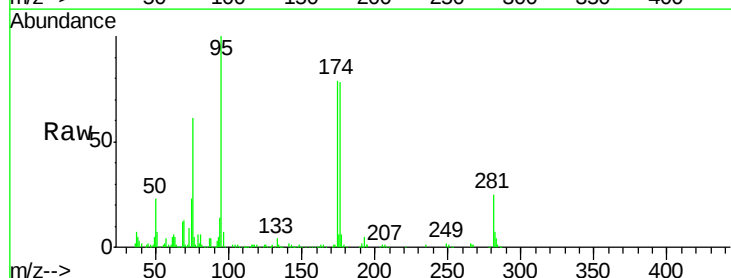
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD01

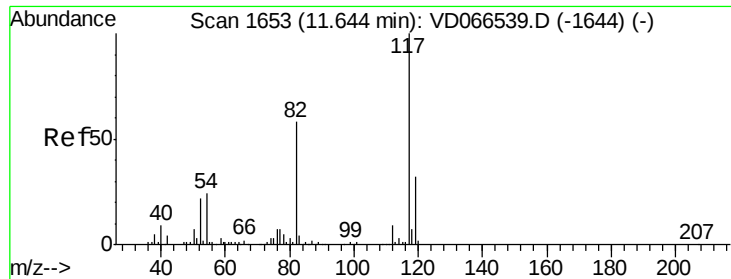
Tgt Ion: 107 Resp: 62351
 Ion Ratio Lower Upper
 107 100
 109 95.7 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 49.782 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion: 95 Resp: 261906
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 155.8
 176 74.0 0.0 148.6

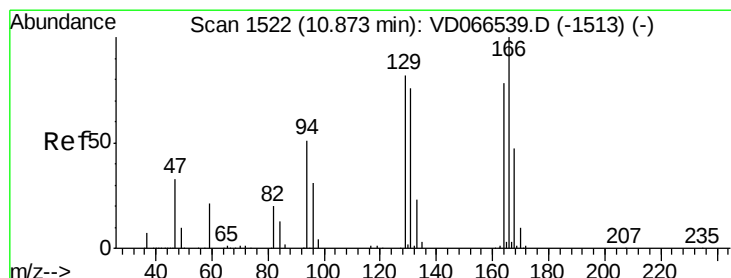
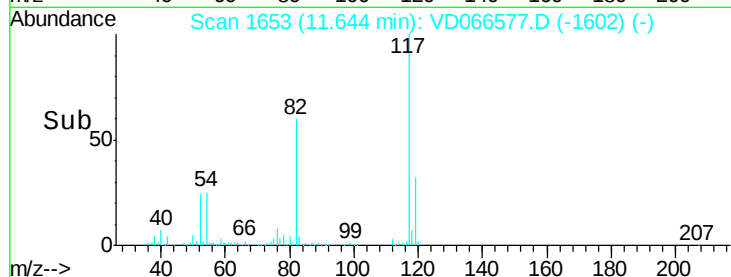
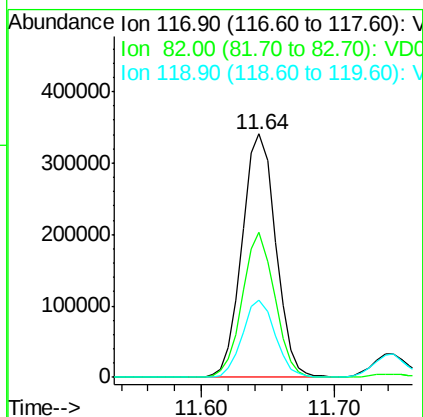
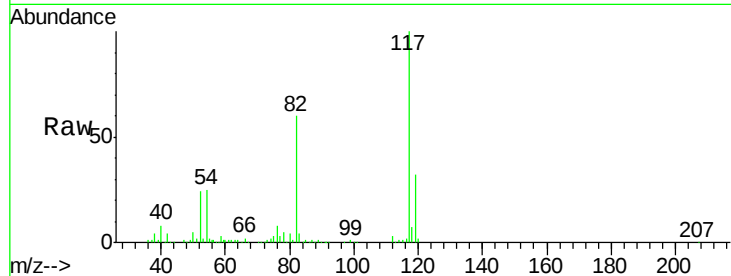




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

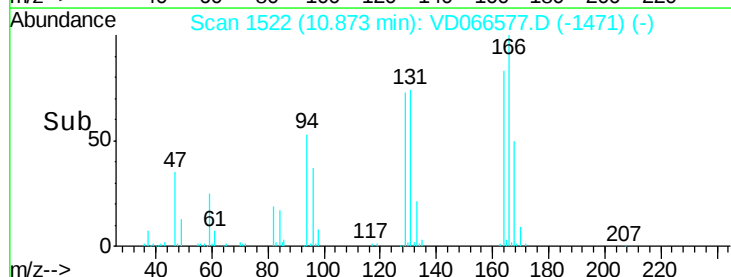
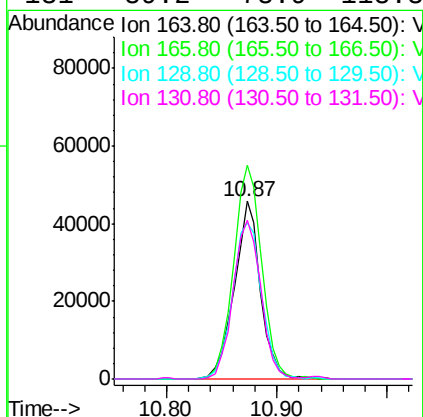
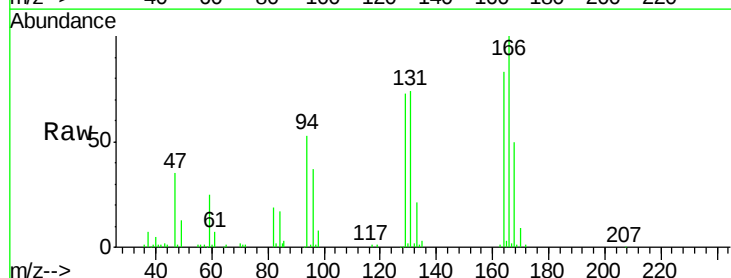
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD01

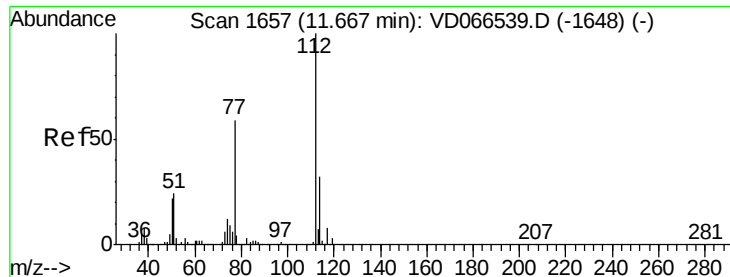
Tgt Ion:117 Resp: 593449
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.2
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 18.950 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion:164 Resp: 75718
Ion Ratio Lower Upper
164 100
166 120.2 103.2 154.8
129 88.1 84.5 126.7
131 89.2 78.9 118.3





#65

Chlorobenzene

Concen: 18.615 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

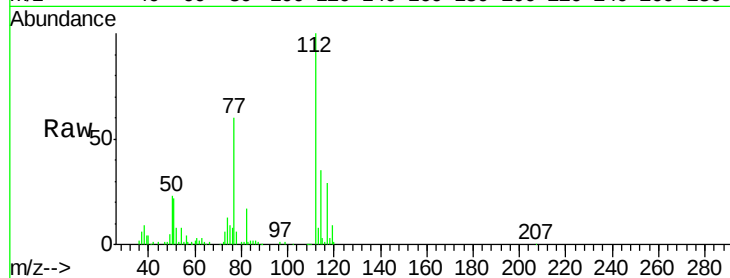
VD0909SBSD01

Tgt Ion:112 Resp: 228004

Ion Ratio Lower Upper

112 100

114 35.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

150000

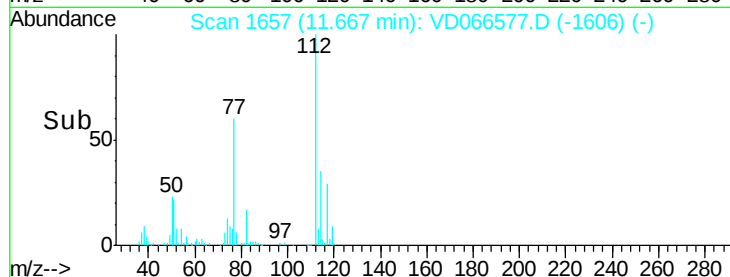
100000

50000

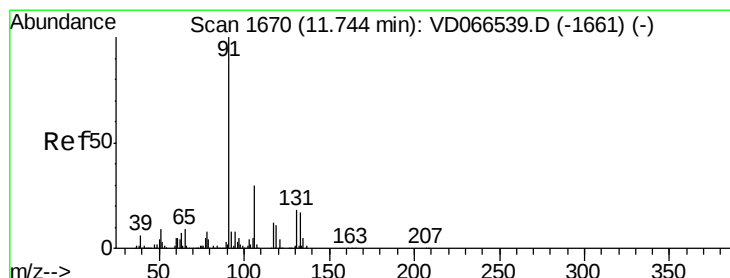
0

11.67

11.60 11.70



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.205 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

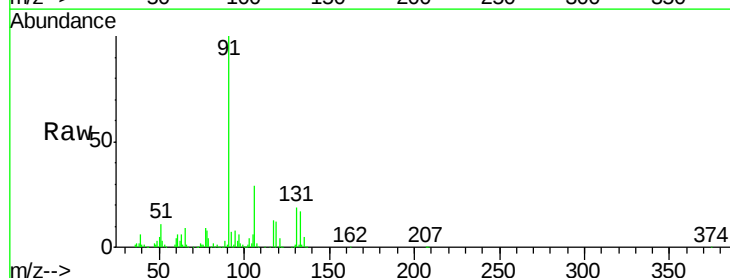
Tgt Ion:131 Resp: 89778

Ion Ratio Lower Upper

131 100

133 94.7 46.7 140.0

119 63.4 31.9 95.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

150000

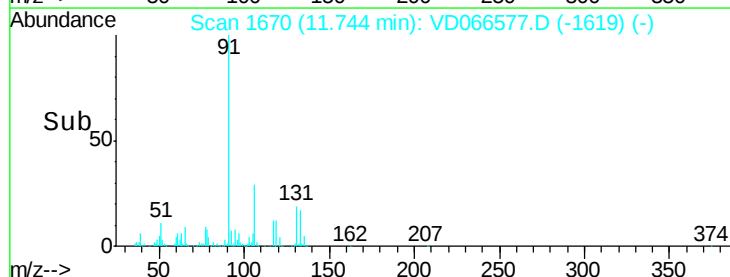
100000

50000

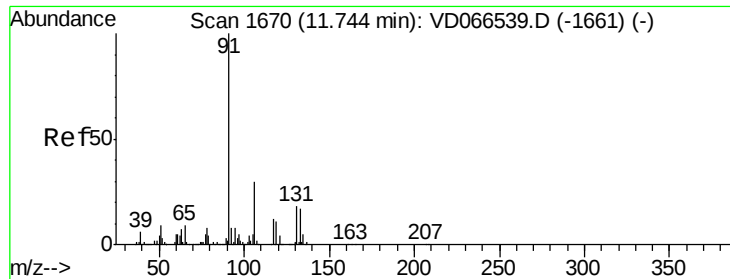
0

11.74

11.65 11.75 11.80



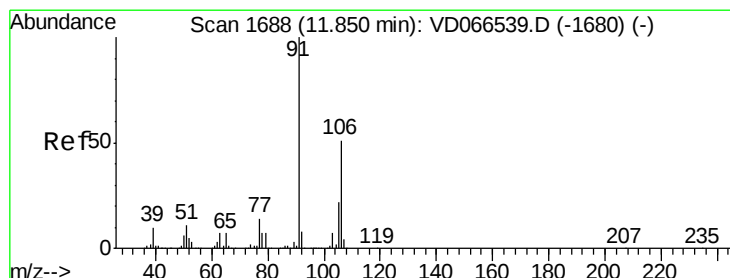
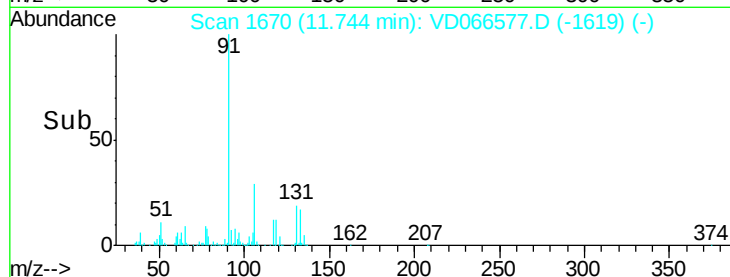
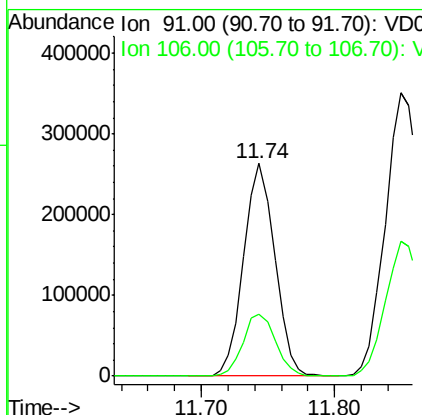
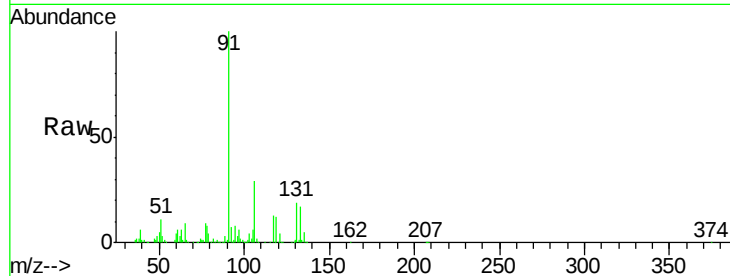
Time-->



#67
 Ethyl Benzene
 Concen: 18.951 ug/l
 RT: 11.74 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

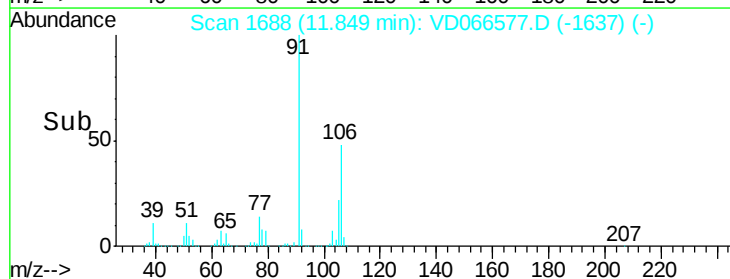
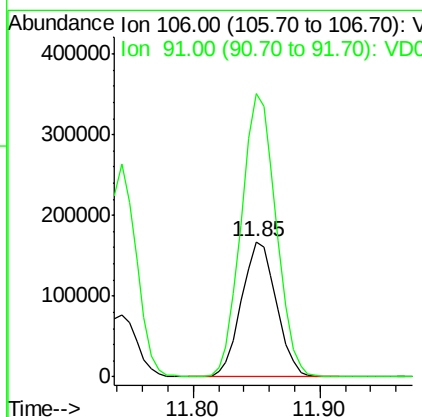
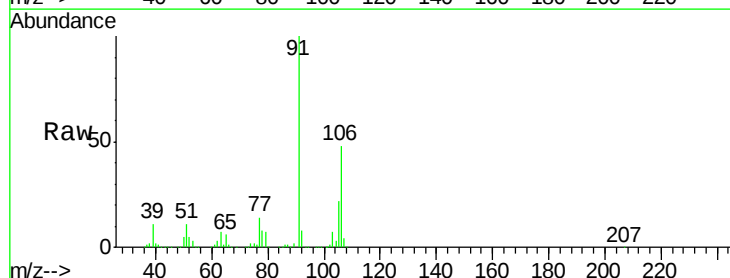
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD01

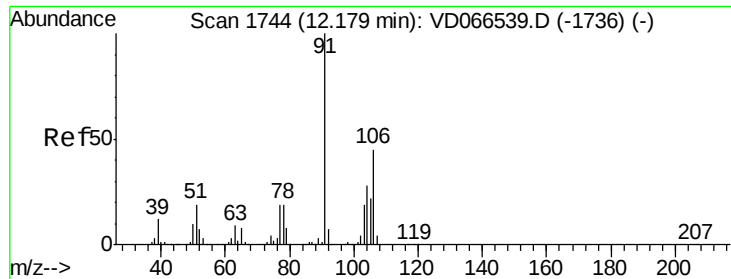
Tgt Ion: 91 Resp: 426221
 Ion Ratio Lower Upper
 91 100
 106 28.8 24.3 36.5



#68
 m/p-Xylenes
 Concen: 38.253 ug/l
 RT: 11.85 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion: 106 Resp: 319437
 Ion Ratio Lower Upper
 106 100
 91 210.0 162.4 243.6

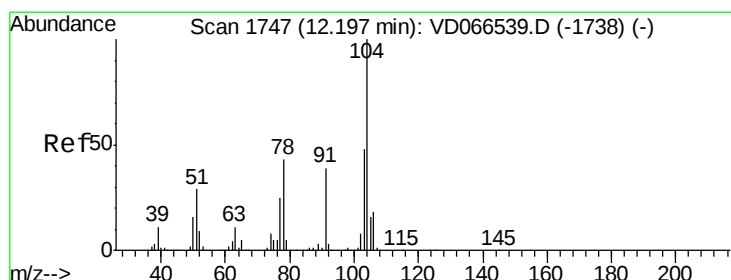
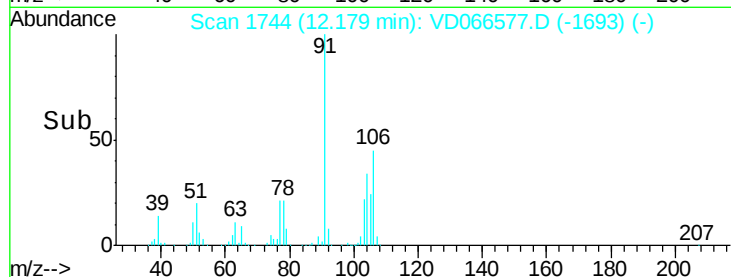
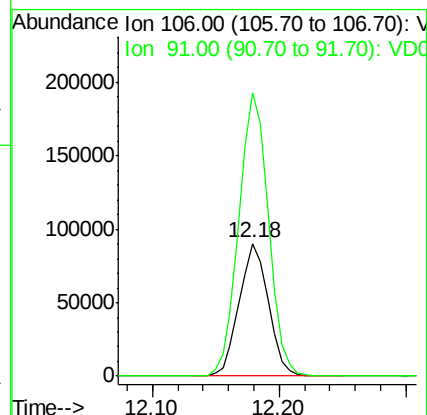
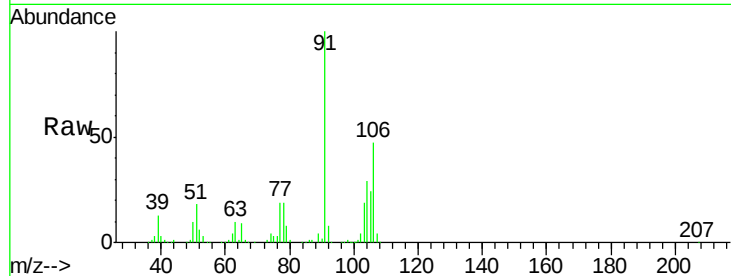




#69
o-Xylene
Concen: 19.273 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

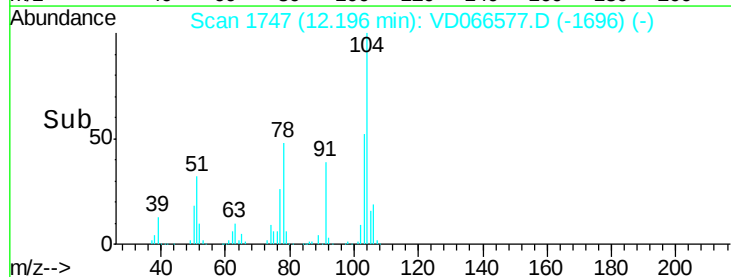
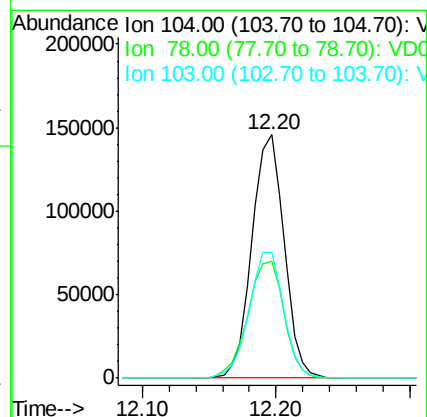
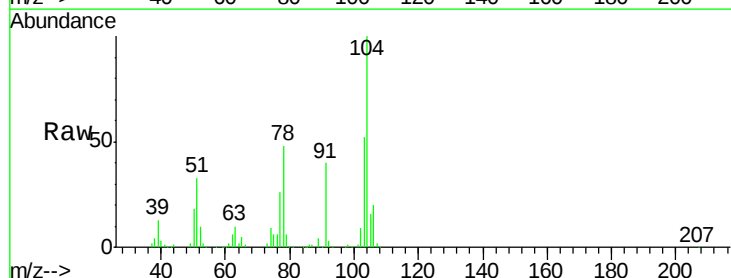
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

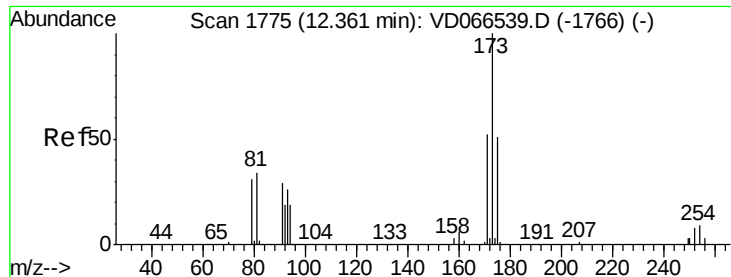
Tgt Ion:106 Resp: 144237
Ion Ratio Lower Upper
106 100
91 215.8 107.9 323.8



#70
Styrene
Concen: 18.674 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion:104 Resp: 242964
Ion Ratio Lower Upper
104 100
78 54.0 40.7 61.1
103 55.5 42.9 64.3

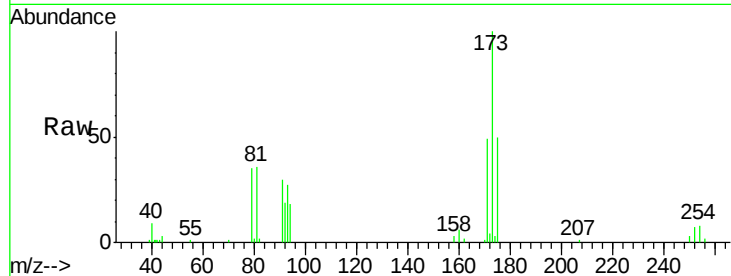




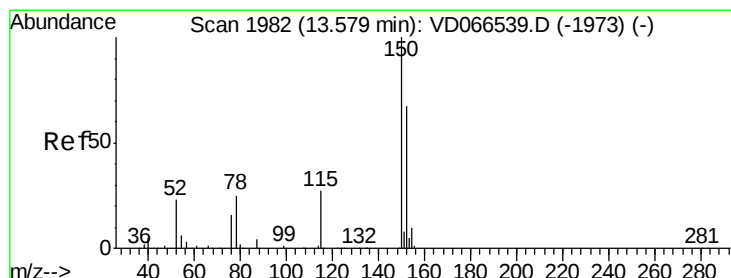
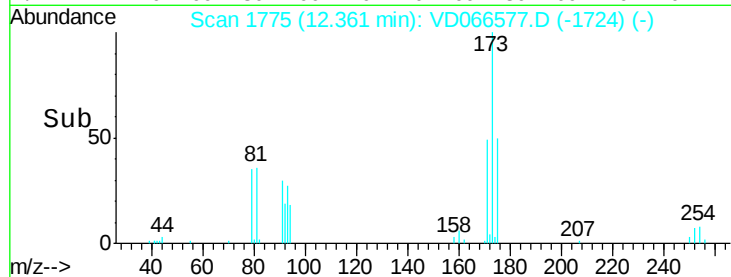
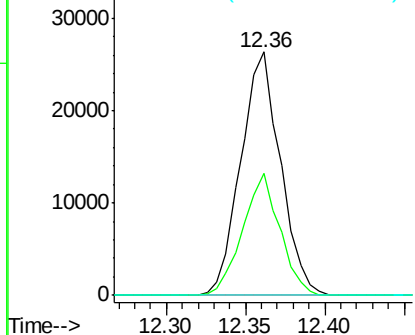
#71
Bromoform
Concen: 19.449 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tgt Ion:173 Resp: 45818
Ion Ratio Lower Upper
173 100
175 47.0 24.2 72.6
254 0.0 0.0 0.0

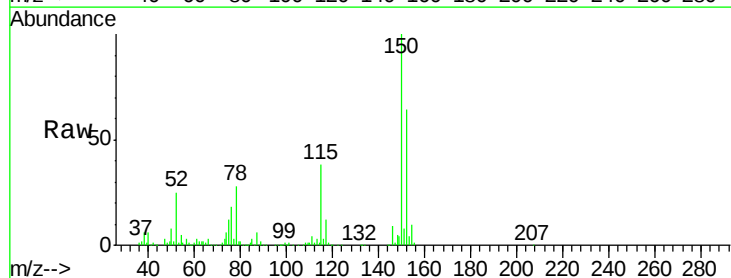


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

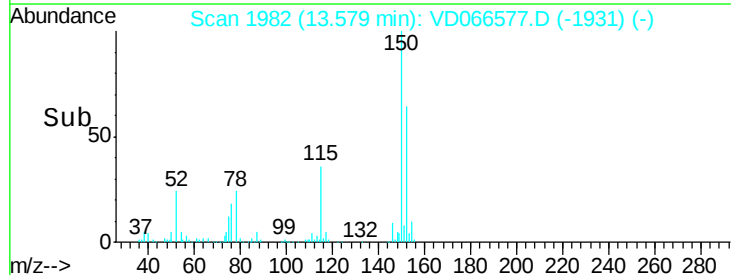
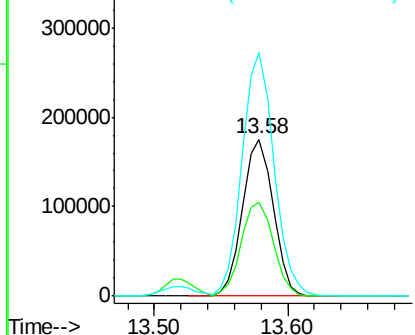


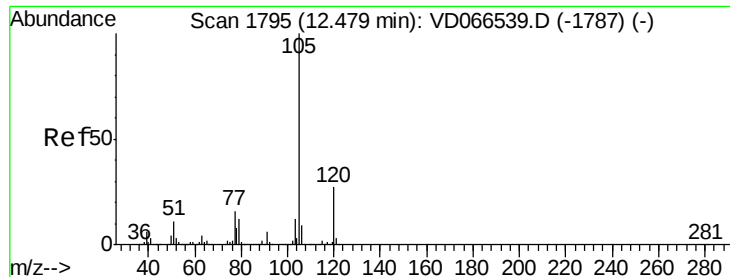
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion:152 Resp: 280265
Ion Ratio Lower Upper
152 100
115 62.6 30.4 91.2
150 160.6 0.0 345.8



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





#73

Isopropylbenzene

Concen: 19.315 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

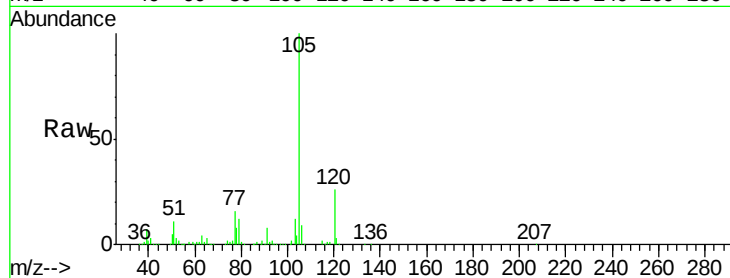
VD0909SBSD01

Tgt Ion: 105 Resp: 400793

Ion Ratio Lower Upper

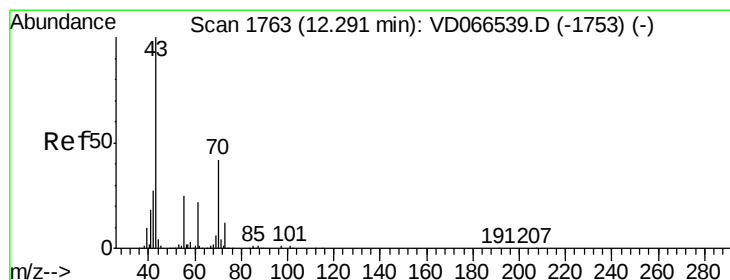
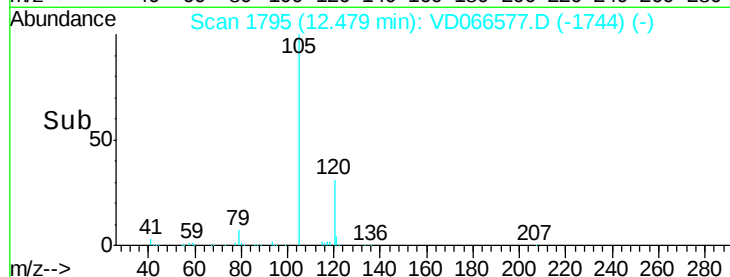
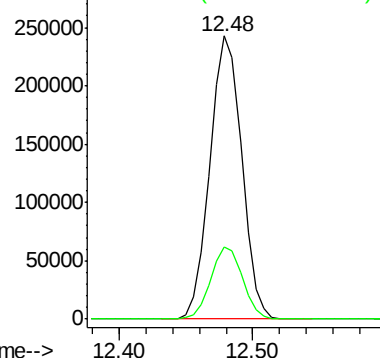
105 100

120 25.4 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.660 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Tgt Ion: 43 Resp: 92397

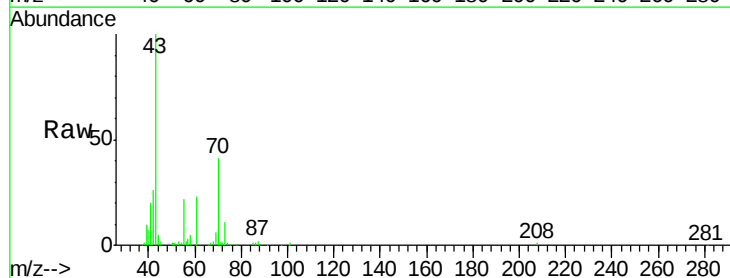
Ion Ratio Lower Upper

43 100

70 39.9 33.4 50.2

55 23.2 20.1 30.1

61 21.9 18.2 27.2

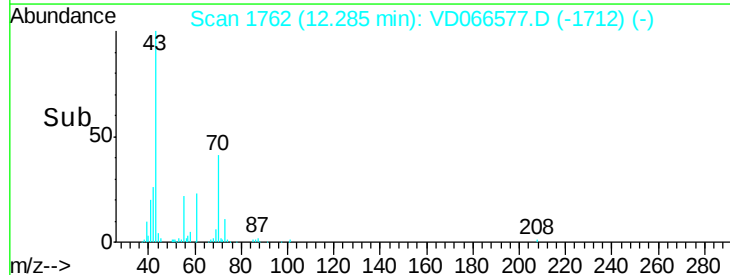
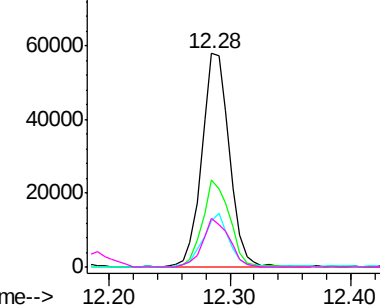


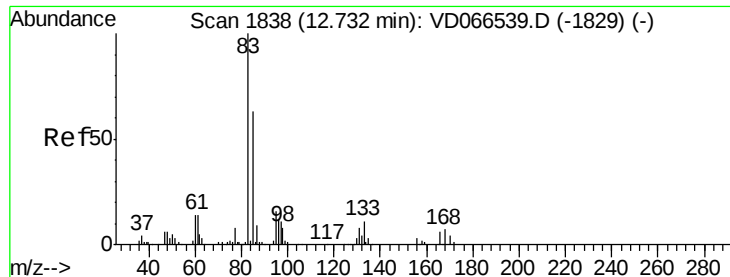
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.803 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD01

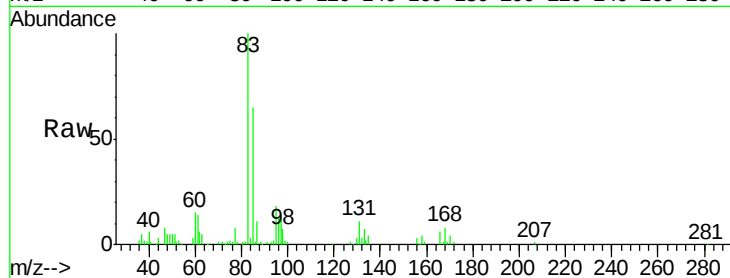
Tgt Ion: 83 Resp: 68931

Ion Ratio Lower Upper

83 100

131 11.7 5.0 15.0

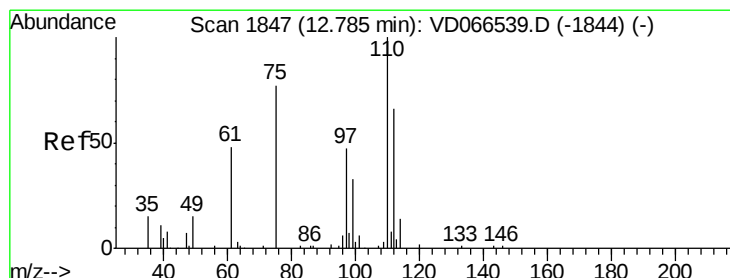
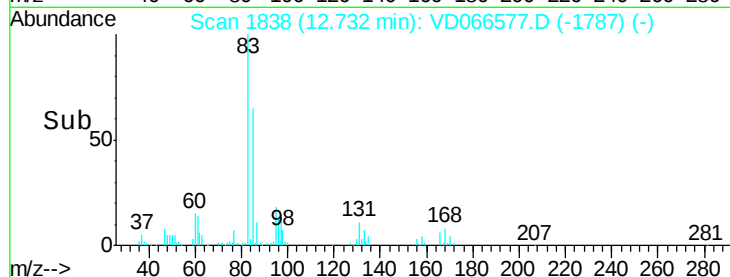
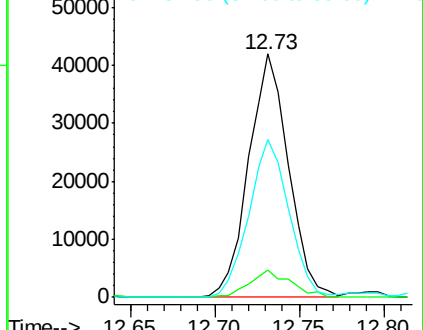
85 65.4 32.1 96.3



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: 36.552 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066577.D

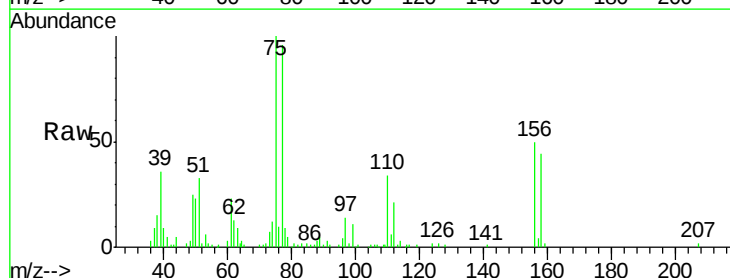
Acq: 09 Sep 2020 12:29

Tgt Ion: 75 Resp: 98523

Ion Ratio Lower Upper

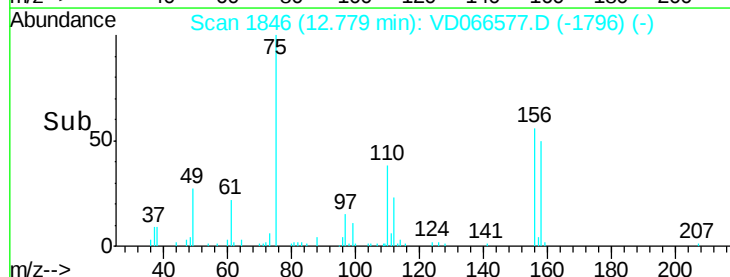
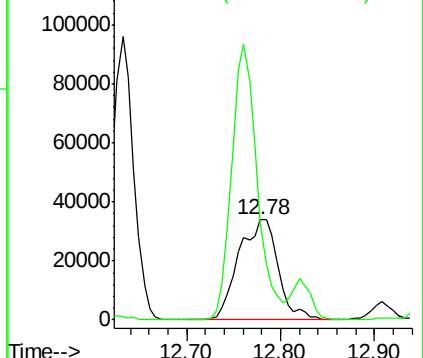
75 100

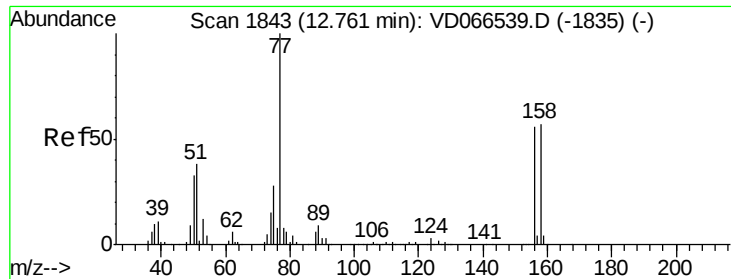
77 178.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 19.648 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

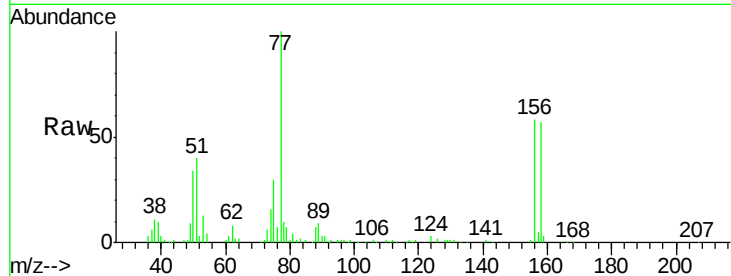
Tgt Ion:156 Resp: 90895

Ion Ratio Lower Upper

156 100

77 193.8 98.0 294.1

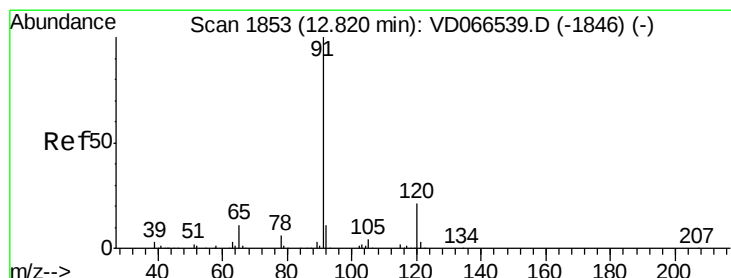
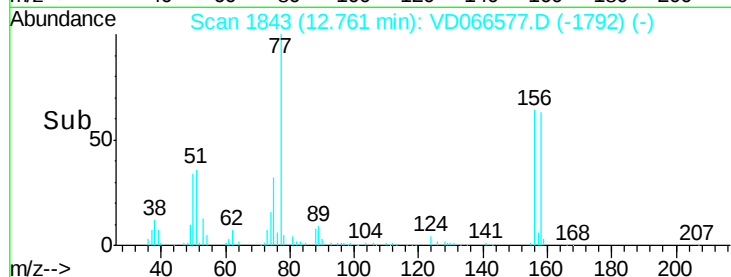
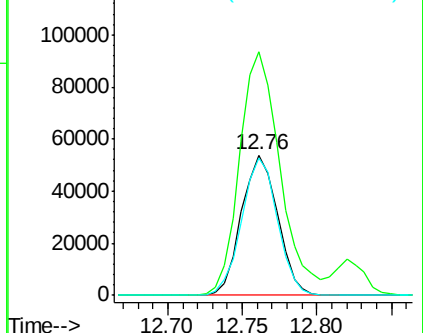
158 96.7 48.1 144.3



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: 19.676 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066577.D

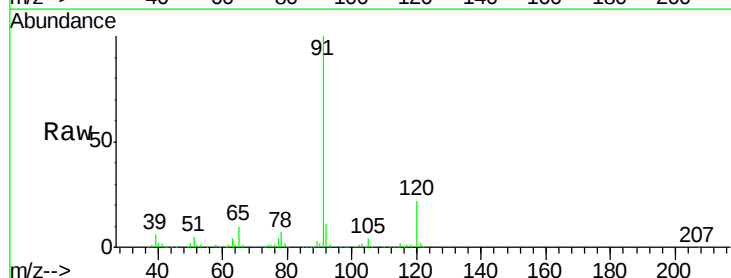
Acq: 09 Sep 2020 12:29

Tgt Ion: 91 Resp: 494936

Ion Ratio Lower Upper

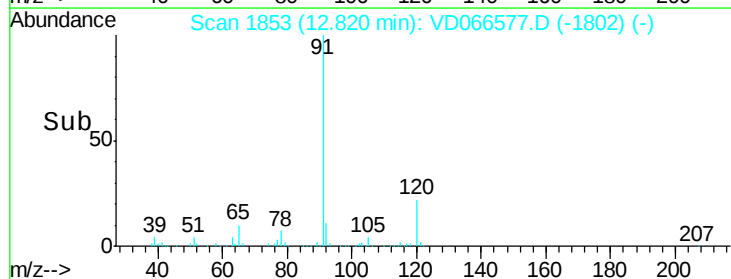
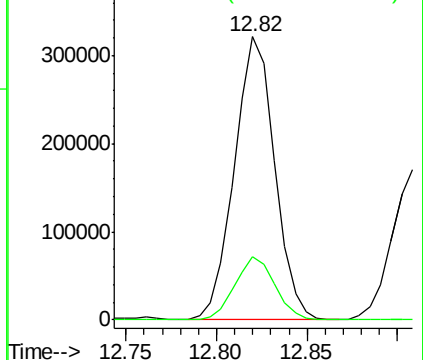
91 100

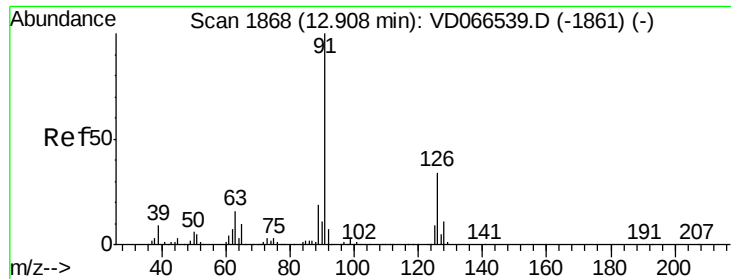
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

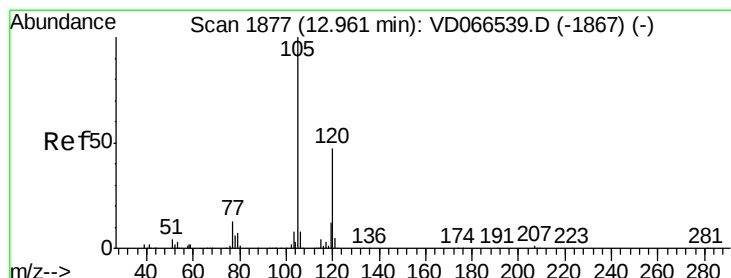
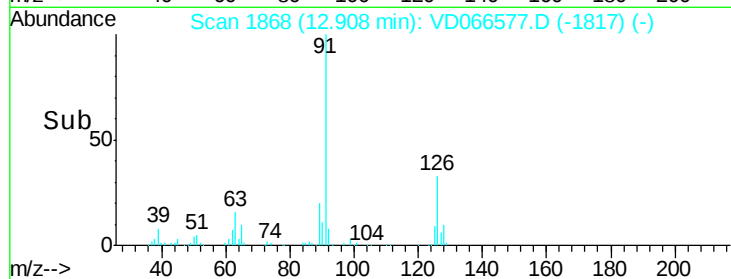
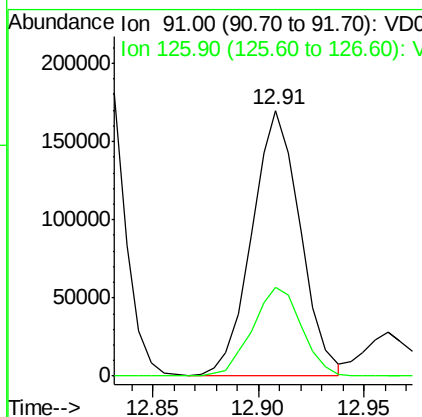
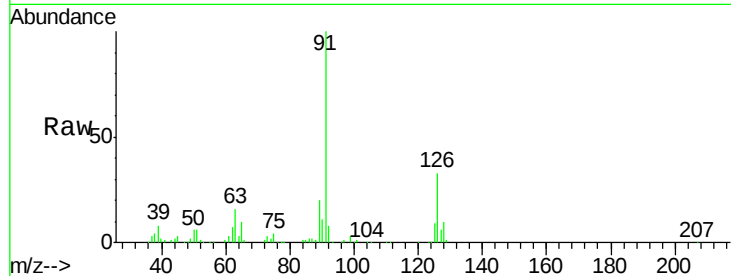




#79
 2-Chlorotoluene
 Concen: 19.045 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

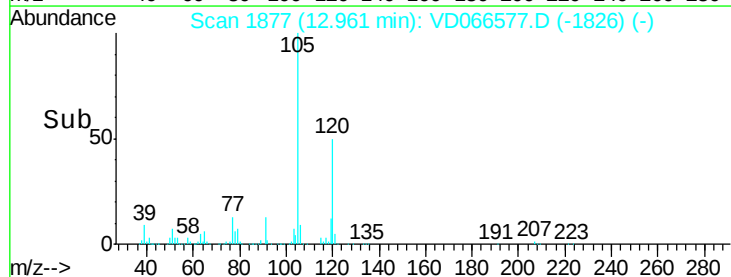
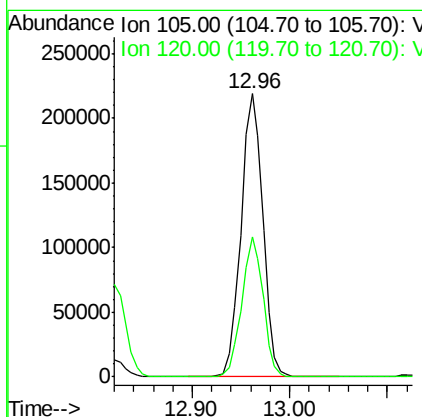
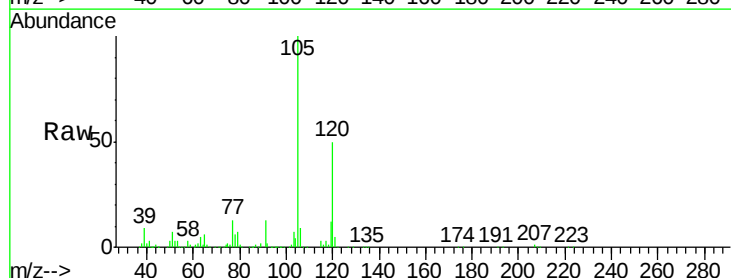
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

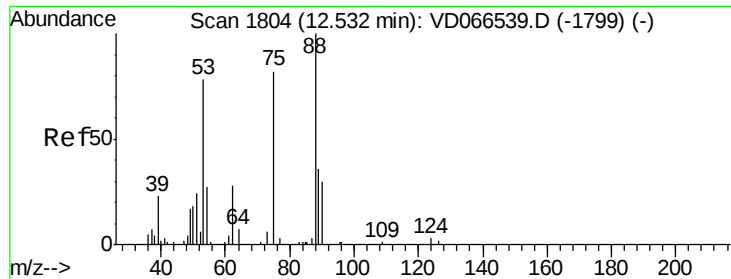
Tgt Ion: 91 Resp: 268758
 Ion Ratio Lower Upper
 91 100
 126 34.3 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 19.559 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion: 105 Resp: 341599
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.963 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD01

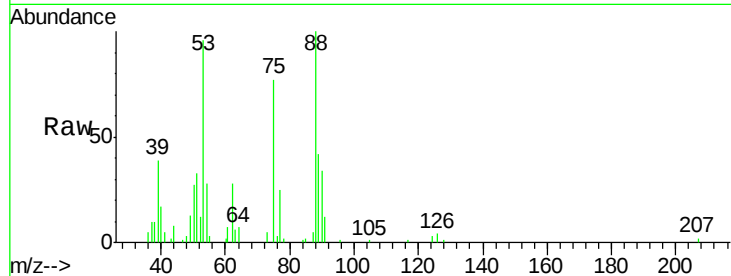
Tgt Ion: 75 Resp: 20739

Ion Ratio Lower Upper

75 100

53 117.9 87.0 130.4

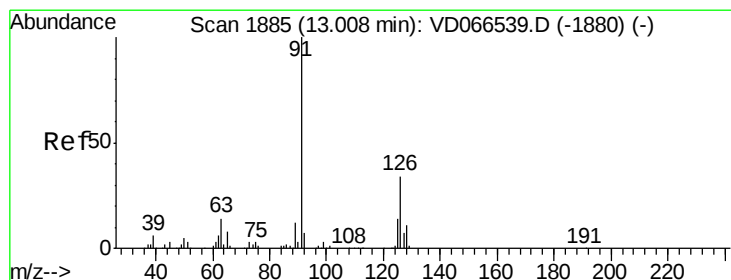
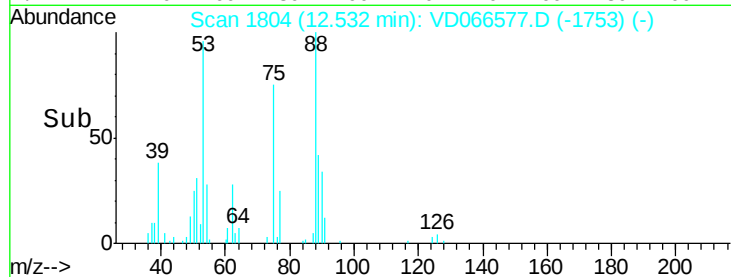
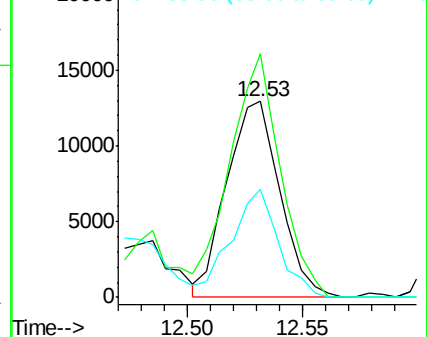
89 49.4 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 19.624 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066577.D

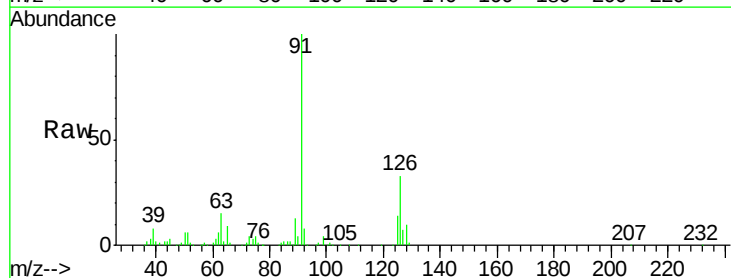
Acq: 09 Sep 2020 12:29

Tgt Ion: 91 Resp: 296145

Ion Ratio Lower Upper

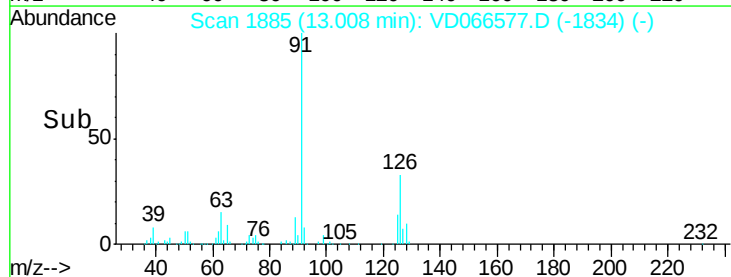
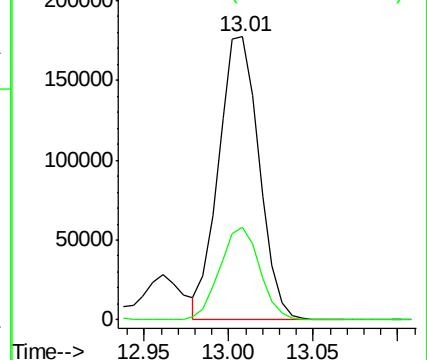
91 100

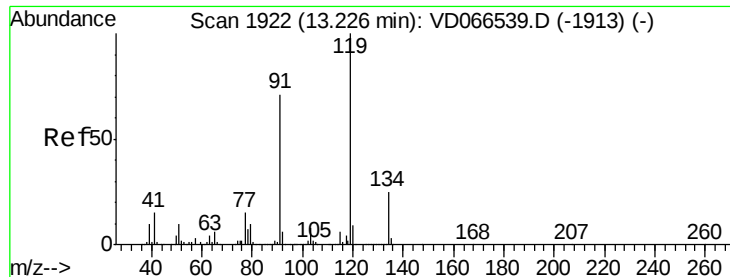
126 32.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

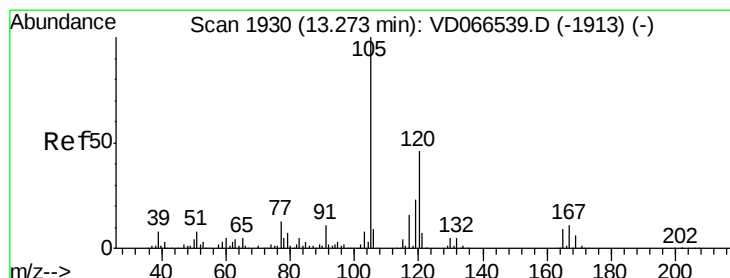
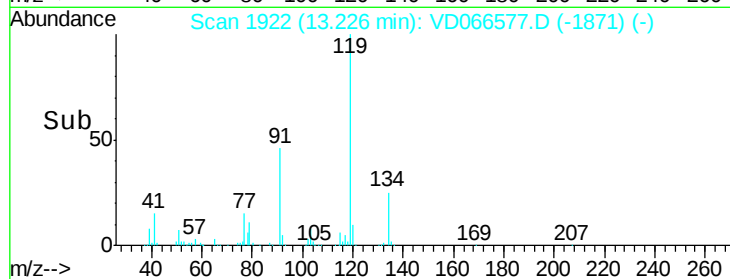
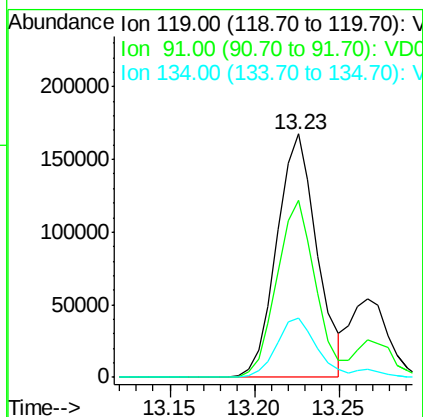
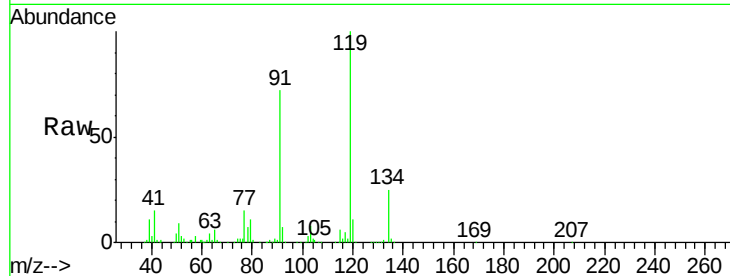




#83
 tert-Butylbenzene
 Concen: 19.425 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

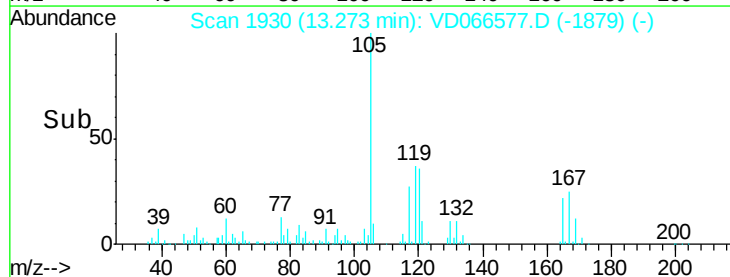
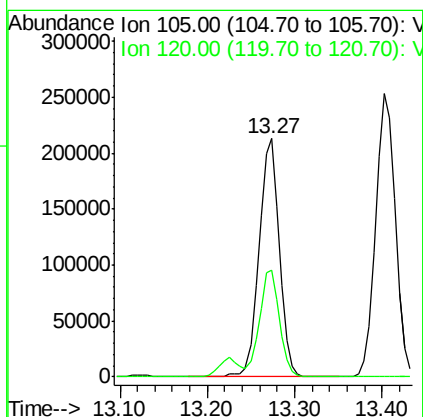
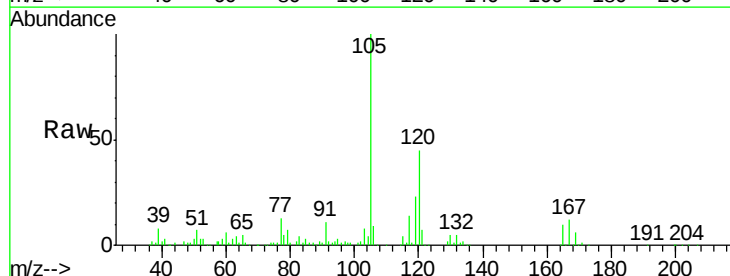
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD01

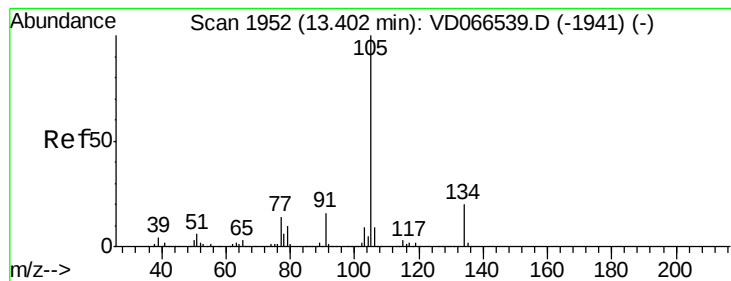
Tgt Ion:119 Resp: 277037
 Ion Ratio Lower Upper
 119 100
 91 69.3 35.2 105.6
 134 24.3 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.642 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion:105 Resp: 341538
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 19.318 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

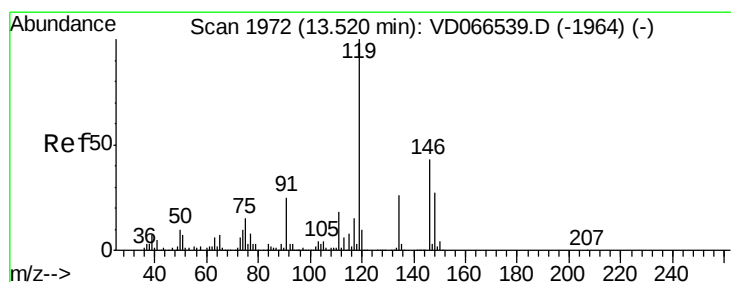
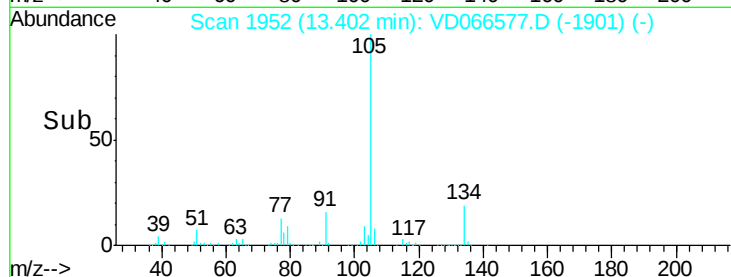
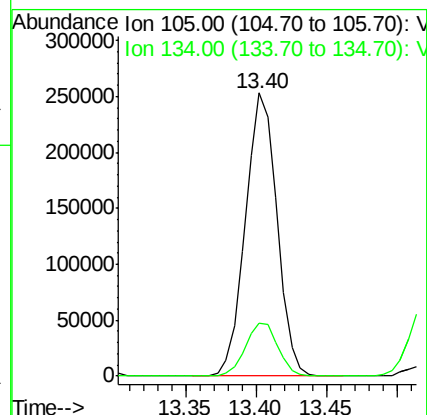
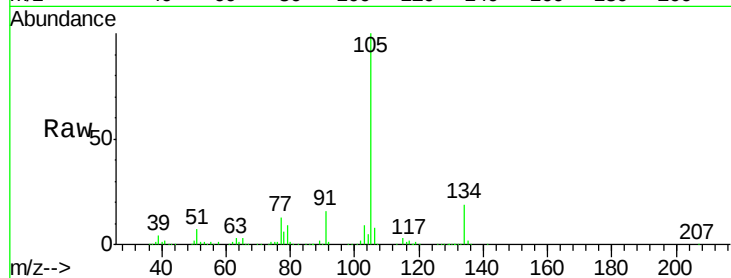
VD0909SBSD01

Tgt Ion:105 Resp: 396955

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.951 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

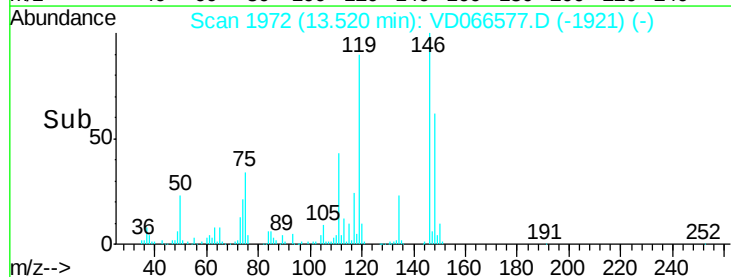
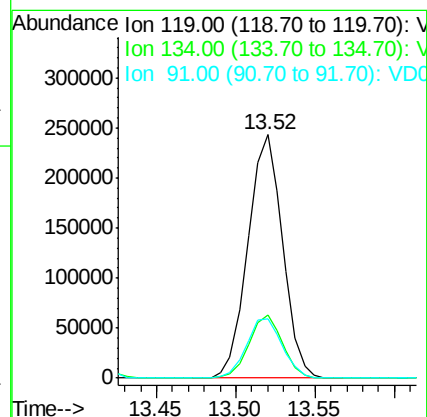
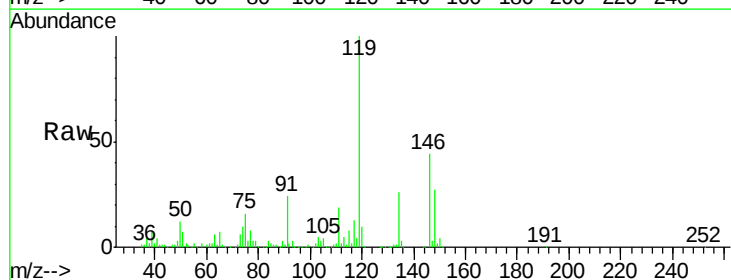
Tgt Ion:119 Resp: 368981

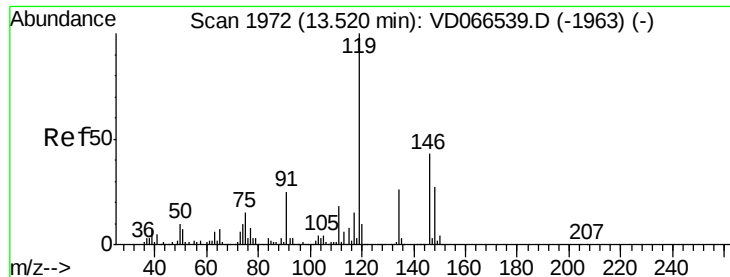
Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.0

91 25.2 12.5 37.5

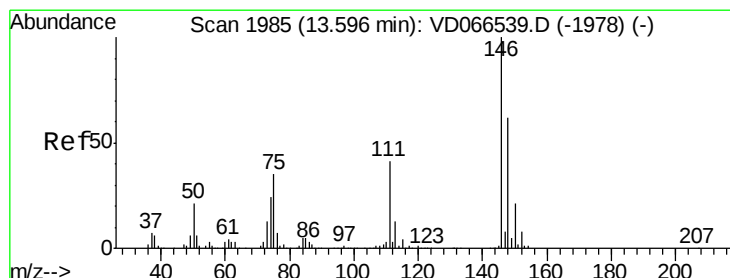
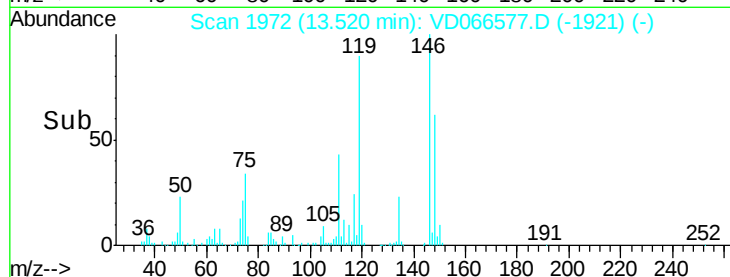
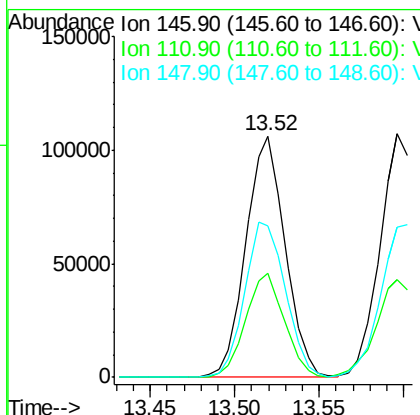
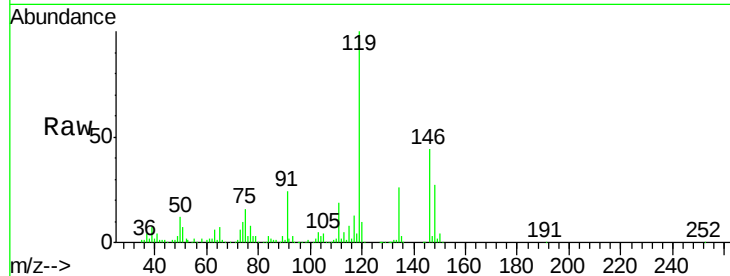




#87
 1,3-Dichlorobenzene
 Concen: 18.710 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

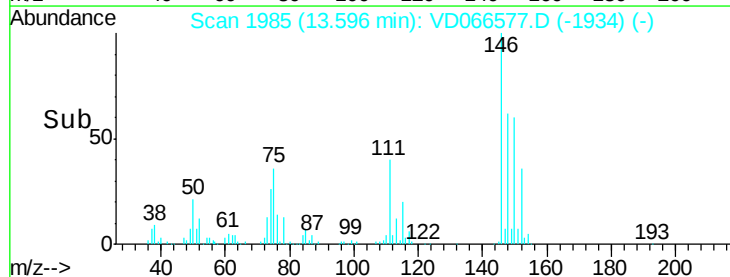
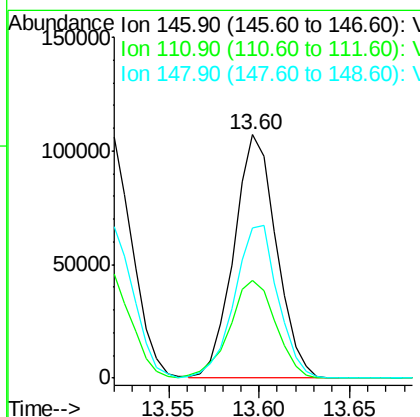
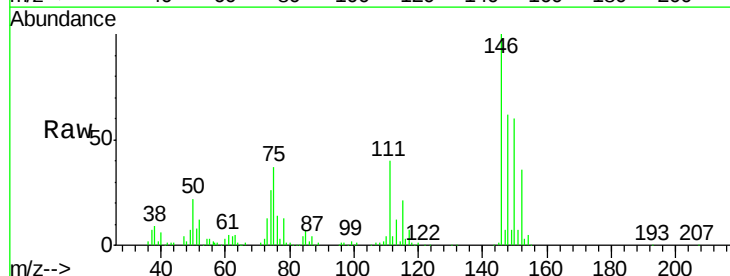
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

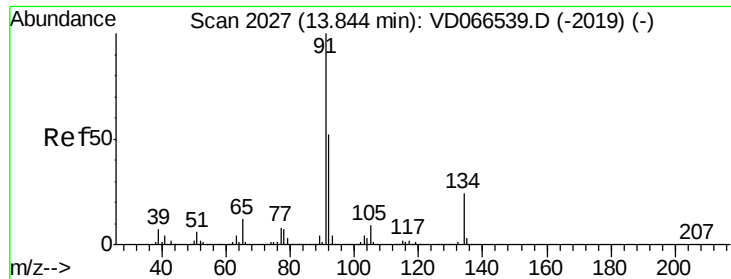
Tgt Ion:146 Resp: 171839
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.6 61.9
 148 66.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.943 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion:146 Resp: 174621
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.1 60.2
 148 64.2 31.6 94.8

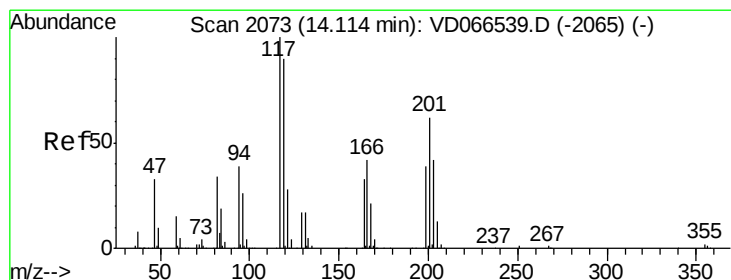
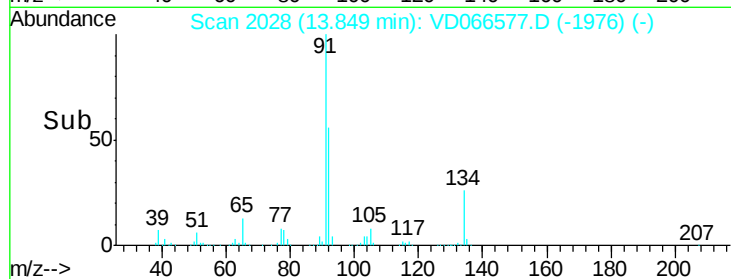
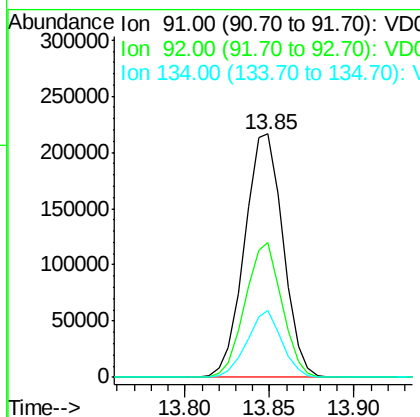
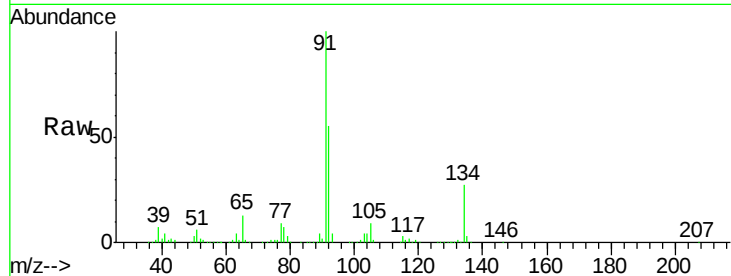




#89
n-Butylbenzene
Concen: 19.092 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

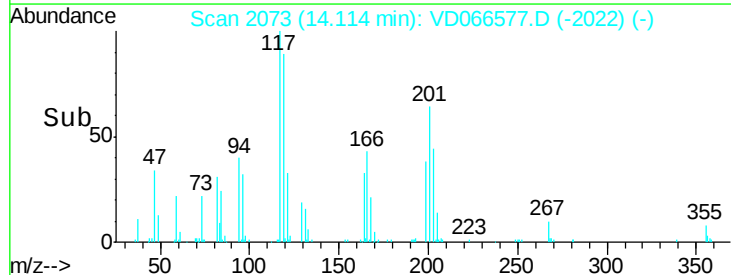
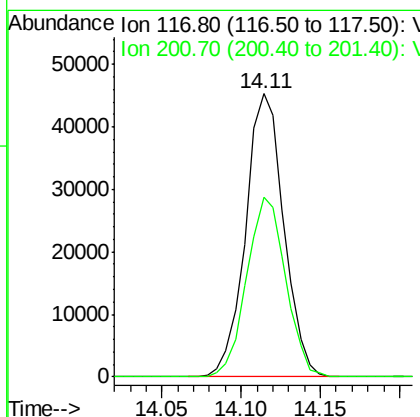
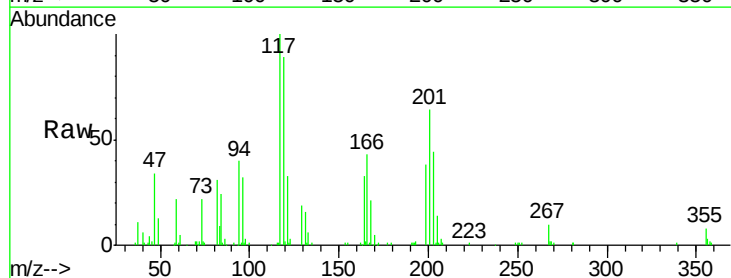
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD01

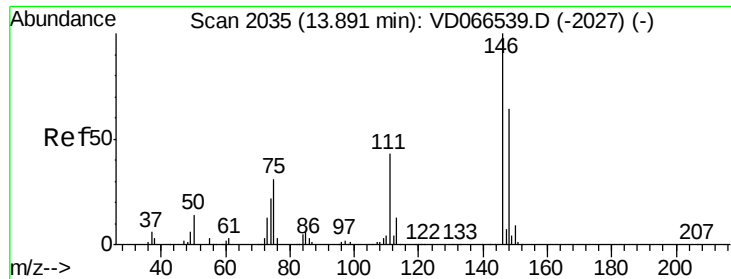
Tgt Ion: 91 Resp: 344083
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 24.8 12.1 36.3



#90
Hexachloroethane
Concen: 19.002 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion: 117 Resp: 75723
Ion Ratio Lower Upper
117 100
201 64.8 31.9 95.5





#91

1,2-Dichlorobenzene

Concen: 19.020 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

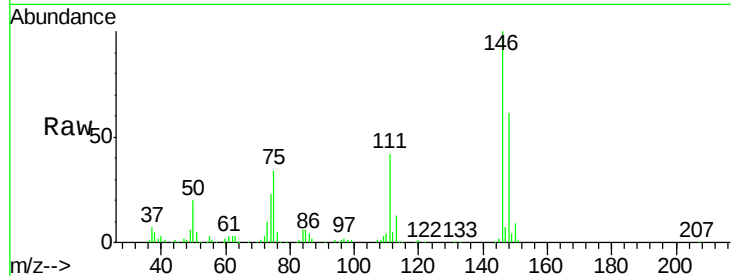
Tgt Ion:146 Resp: 152682

Ion Ratio Lower Upper

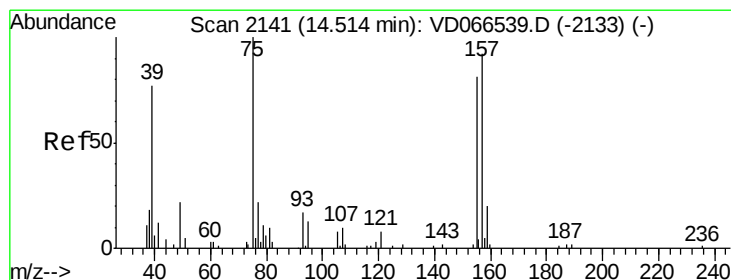
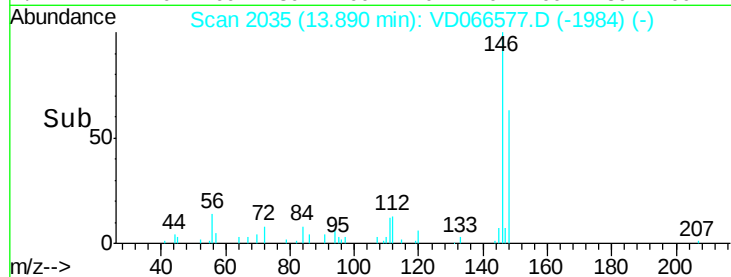
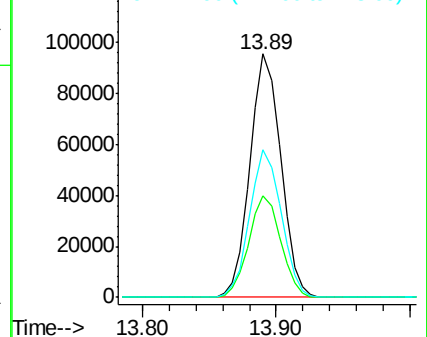
146 100

111 43.3 21.1 63.4

148 61.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.493 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

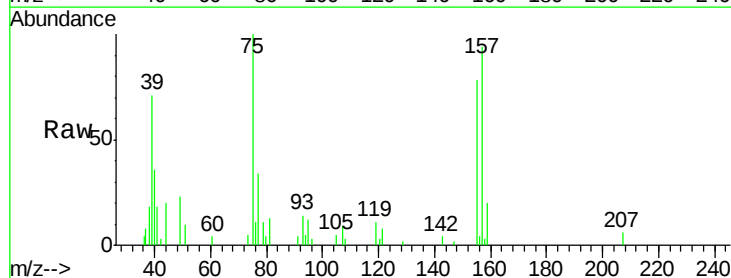
Tgt Ion: 75 Resp: 12139

Ion Ratio Lower Upper

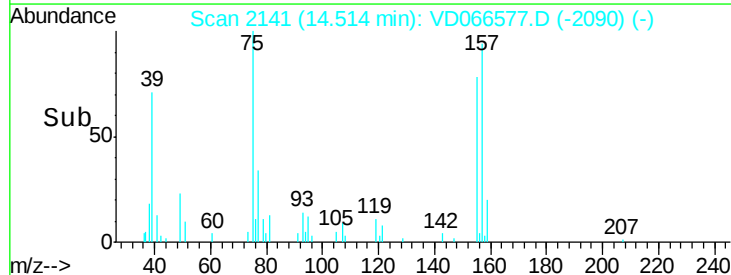
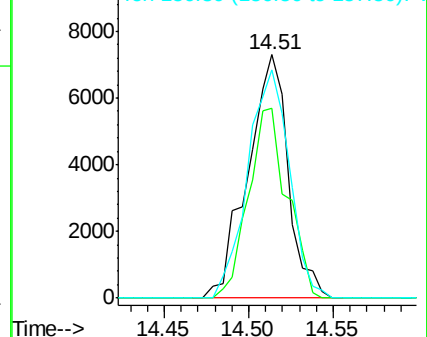
75 100

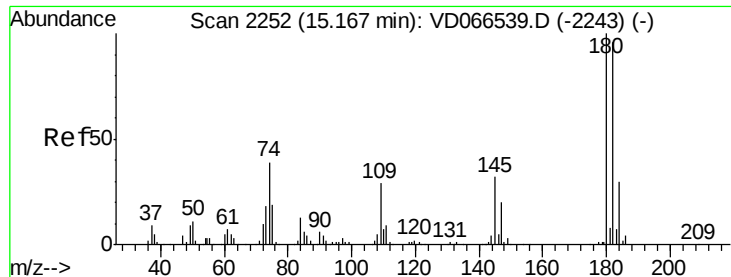
155 74.9 39.3 117.8

157 96.6 46.0 137.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

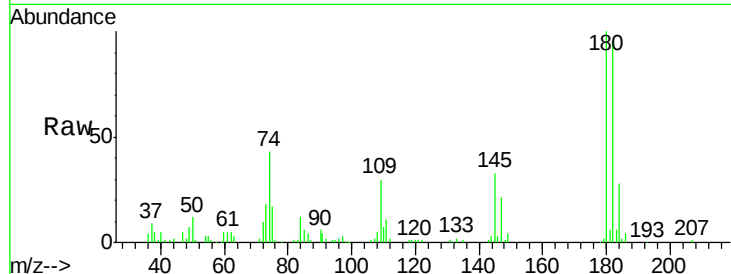




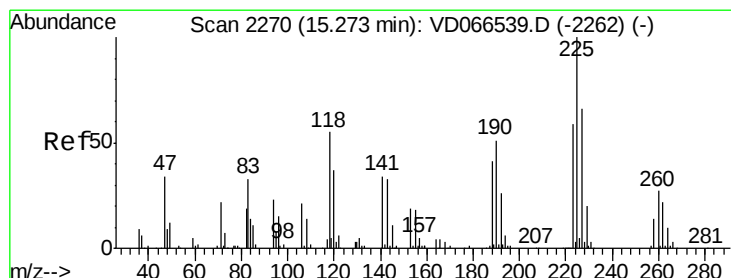
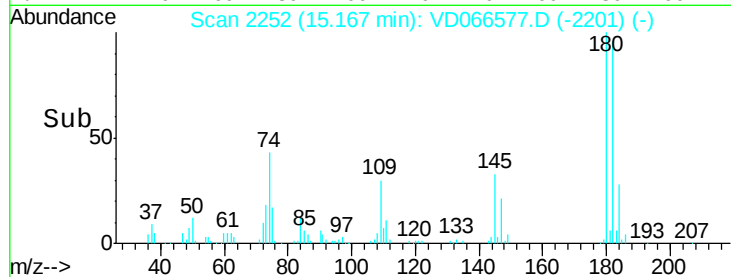
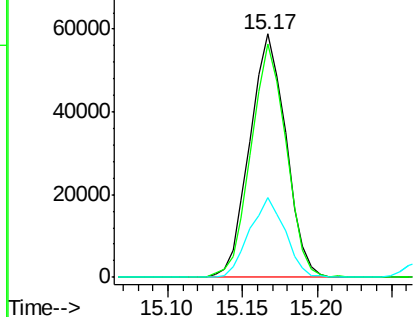
#93
 1,2,4-Trichlorobenzene
 Concen: 20.494 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.4	145.0
145	32.4	16.7	50.0

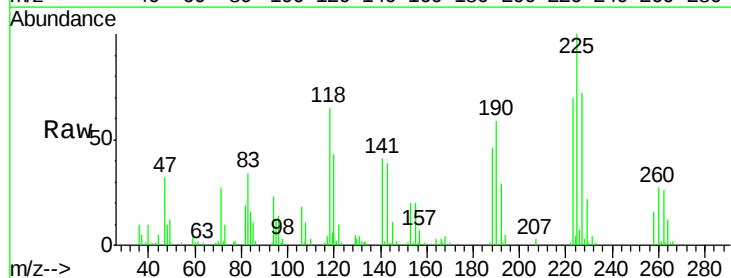


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

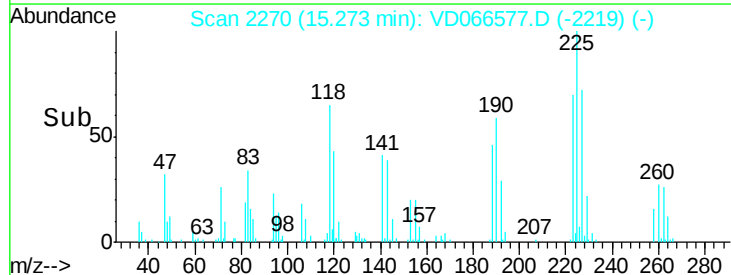
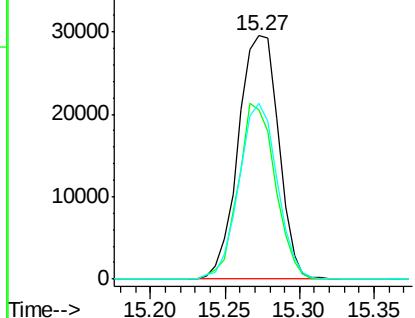


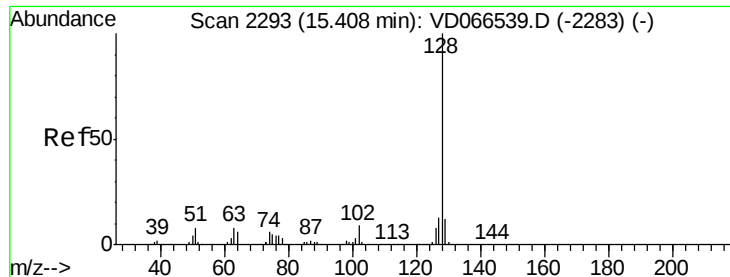
#94
 Hexachlorobutadiene
 Concen: 19.085 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	30.5	91.5
227	68.5	32.4	97.2



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





#95

Naphthalene

Concen: 21.832 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD01

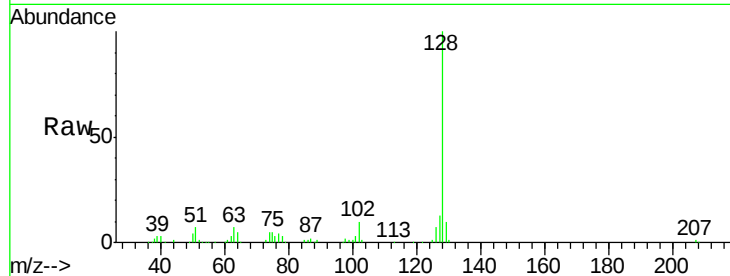
Tgt Ion:128 Resp: 183799

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

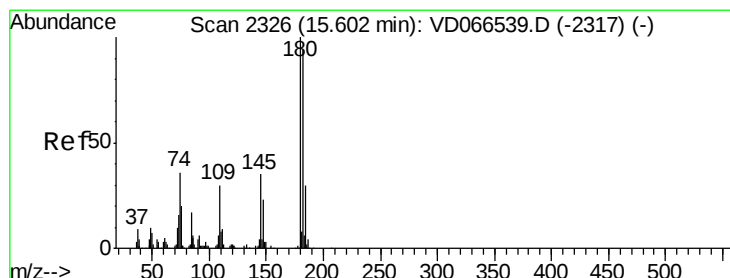
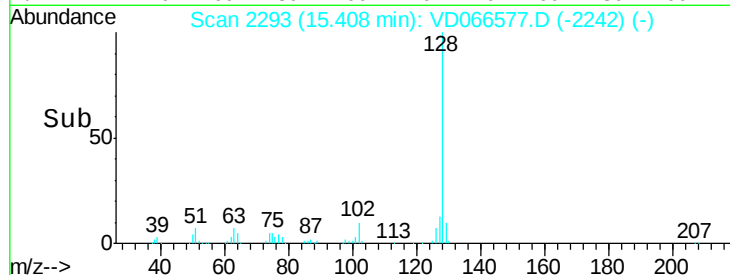
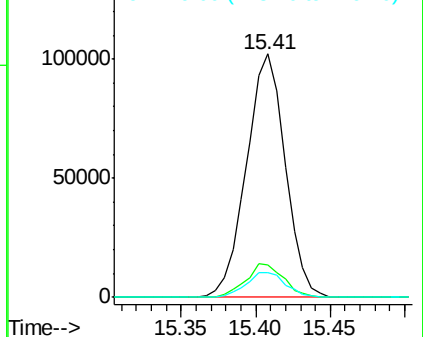
129 10.6 9.1 13.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.557 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

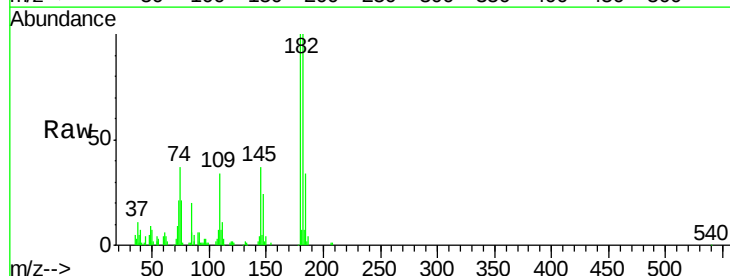
Tgt Ion:180 Resp: 84438

Ion Ratio Lower Upper

180 100

182 97.9 47.9 143.6

145 35.4 17.3 51.7



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

