

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090920\
 Data File : VD066579.D
 Acq On : 09 Sep 2020 13:24
 Operator : VA/SY
 Sample : L3876-09
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1495-96RE

Quant Time: Sep 09 14:18:06 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	240388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	459490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	193484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	15987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	202932	69.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.54%	
35) Dibromofluoromethane	7.91	113	184228	59.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.86%	
50) Toluene-d8	10.34	98	360889	32.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.14%	
62) 4-Bromofluorobenzene	12.63	95	43193	11.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.52%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	1329	Below Cal	86
5) Bromomethane	2.77	94	976	Below Cal	90
10) Methyl Iodide	4.28	142	221	4.106 ug/l #	87
11) Tert butyl alcohol	5.22	59	1319308	8806.649 ug/l	96
13) Acrolein	3.86	56	137	1.152 ug/l #	1
15) Acrylonitrile	5.23	53	15170	28.154 ug/l #	24
16) Acetone	4.16	43	6623	12.376 ug/l #	83
17) Carbon Disulfide	4.41	76	16065	2.018 ug/l #	84
20) Methylene Chloride	4.96	84	29031	3.845 ug/l	93
29) Tetrahydrofuran	7.48	42	7092310	15852.273 ug/l #	35
30) Chloroform	7.48	83	81854	15.073 ug/l #	16
31) Cyclohexane	7.96	56	20697	4.362 ug/l #	62
39) Methylcyclohexane	9.35	83	9522	1.783 ug/l	96
41) Methacrylonitrile	7.48	41	26376561	28616.844 ug/l #	43
43) Isopropyl Acetate	8.43	43	9610	2.634 ug/l #	52
48) Methyl methacrylate	9.34	41	5205	2.821 ug/l #	52
51) 4-Methyl-2-Pentanone	10.23	43	4377	2.378 ug/l	98
52) Toluene	10.40	92	121075	14.605 ug/l	99
59) 2-Hexanone	10.84	43	58332	47.134 ug/l	75
67) Ethyl Benzene	11.74	91	11530	1.572 ug/l	99
68) m/p-Xylenes	11.85	106	11088	4.073 ug/l	79
69) o-Xylene	12.18	106	4811	1.972 ug/l	90
73) Isopropylbenzene	12.48	105	10920	9.226 ug/l	98
74) N-amyl acetate	12.25	43	7290	27.193 ug/l #	60
76) 1,2,3-Trichloropropane	12.73	75	3763	24.474 ug/l #	100
77) Bromobenzene	12.76	156	738	2.797 ug/l #	11
78) n-propylbenzene	12.83	91	7923	5.522 ug/l	94
79) 2-Chlorotoluene	13.00	91	2416	3.001 ug/l	89
80) 1,3,5-Trimethylbenzene	12.96	105	9419	9.454 ug/l	98
81) trans-1,4-Dichloro-2-buten	12.63	75	26424	401.235 ug/l #	8
82) 4-Chlorotoluene	13.00	91	2379	2.764 ug/l	87
83) tert-Butylbenzene	13.22	119	3171	3.898 ug/l	88
84) 1,2,4-Trimethylbenzene	13.27	105	16888	17.026 ug/l	99
85) sec-Butylbenzene	13.41	105	8794	7.503 ug/l #	77

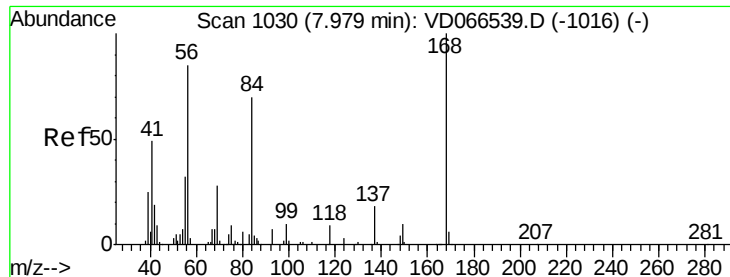
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090920\
 Data File : VD066579.D
 Acq On : 09 Sep 2020 13:24
 Operator : VA/SY
 Sample : L3876-09
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1495-96RE

Quant Time: Sep 09 14:18:06 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)
86) p-Isopropyltoluene	13.51	119	11391	10.797	ug/l	91
87) 1,3-Dichlorobenzene	13.52	146	1251	2.388	ug/l #	70
88) 1,4-Dichlorobenzene	13.58	146	675	1.284	ug/l #	1
89) n-Butylbenzene	13.84	91	4779	4.649	ug/l #	72
90) Hexachloroethane	14.11	117	789	3.471	ug/l	62
91) 1,2-Dichlorobenzene	13.88	146	1062	2.319	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.52	75	343	9.656	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.17	180	1183	4.305	ug/l #	1
94) Hexachlorobutadiene	15.28	225	620	3.755	ug/l #	53
95) Naphthalene	15.41	128	12001	24.990	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.62	180	3575	15.258	ug/l #	12

(#) = 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: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

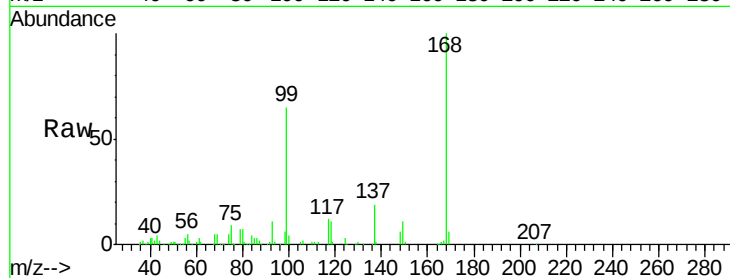
1495-96RE

Tgt Ion:168 Resp: 240388

Ion Ratio Lower Upper

168 100

99 64.2 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

100000

80000

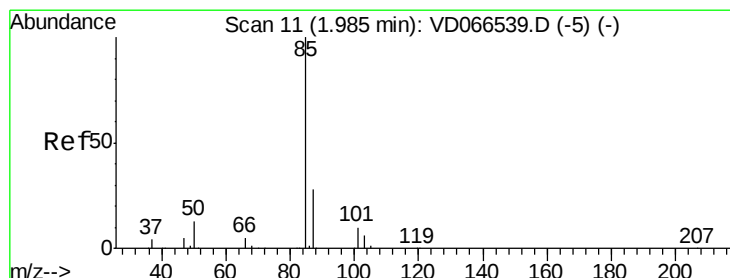
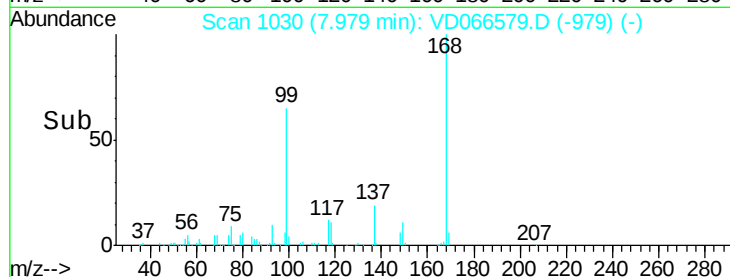
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066579.D

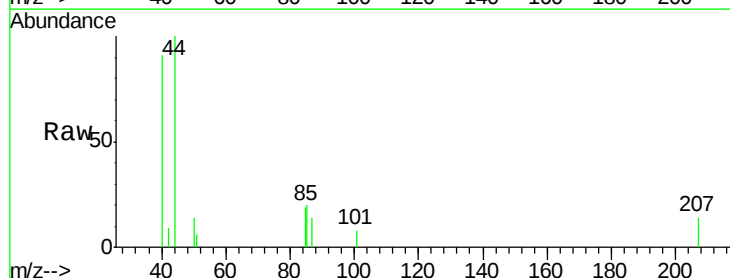
Acq: 09 Sep 2020 13:24

Tgt Ion: 85 Resp: 1329

Ion Ratio Lower Upper

85 100

87 36.0 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

1200

1000

800

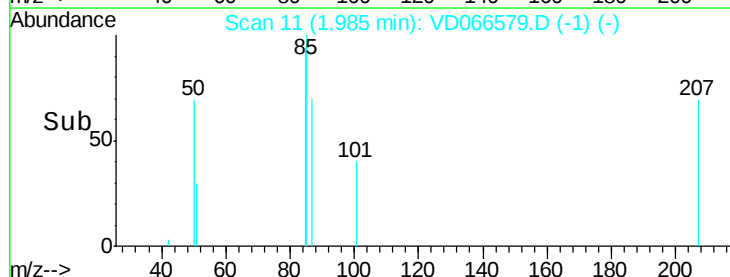
600

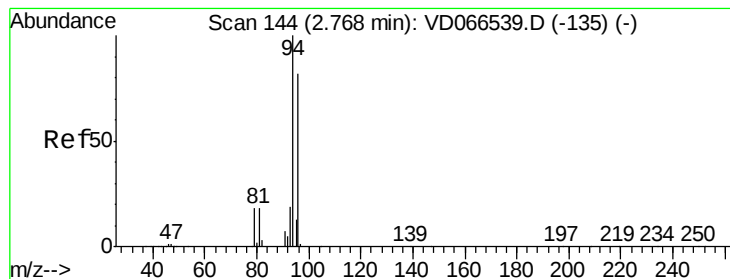
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

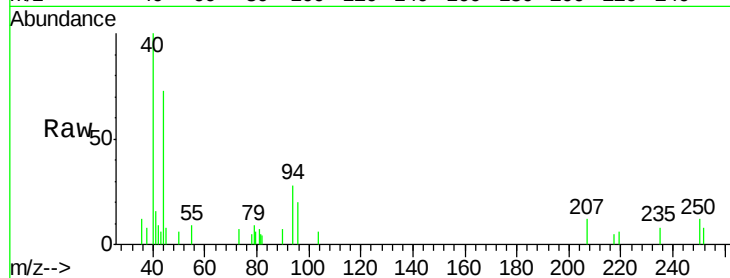
1495-96RE

Tgt Ion: 94 Resp: 976

Ion Ratio Lower Upper

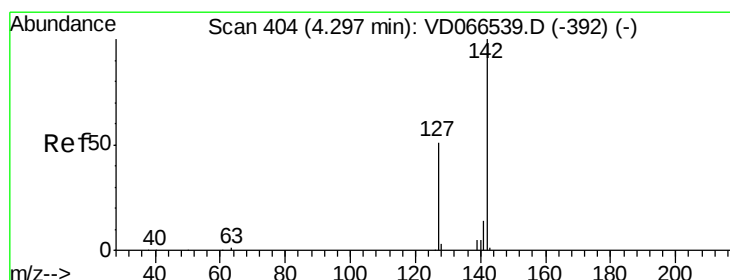
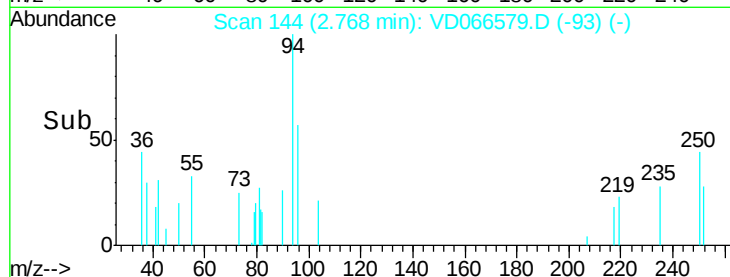
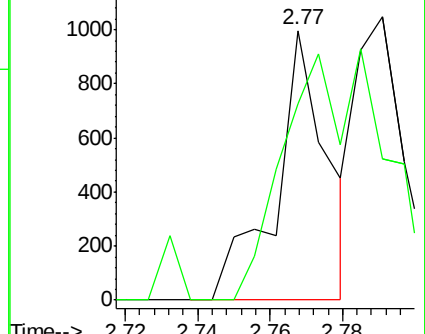
94 100

96 72.9 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#10

Methyl Iodide

Concen: 4.106 ug/l

RT: 4.28 min Scan# 401

Delta R.T. -0.02 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

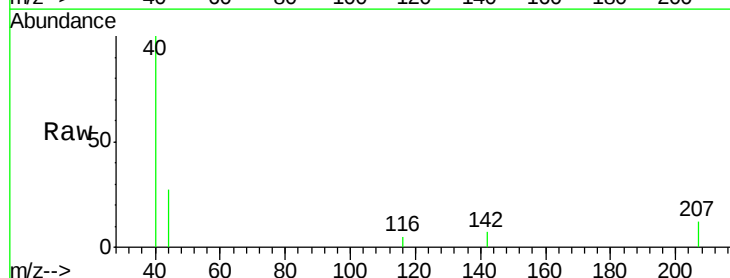
Tgt Ion: 142 Resp: 221

Ion Ratio Lower Upper

142 100

127 55.2 40.6 61.0

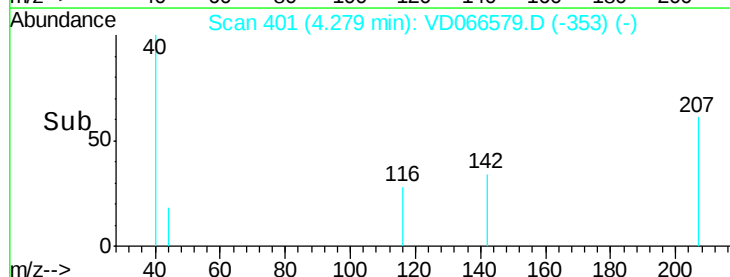
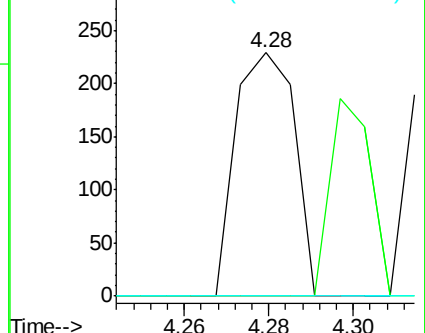
141 0.0 12.2 18.4#

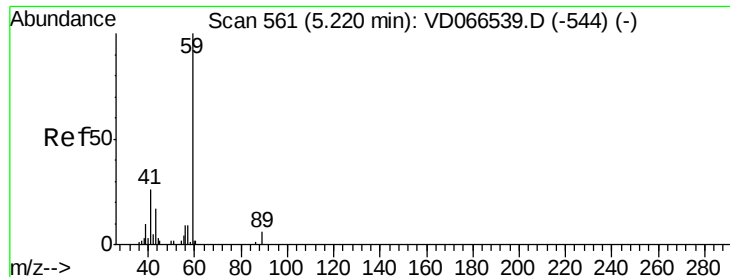


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

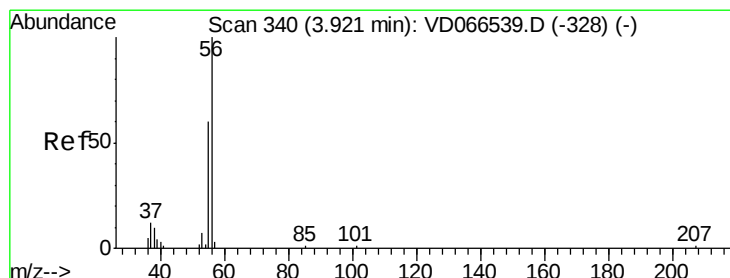
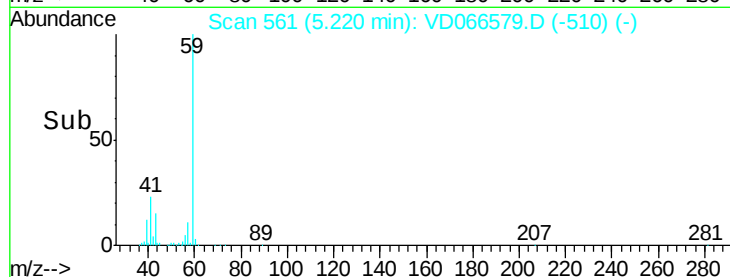
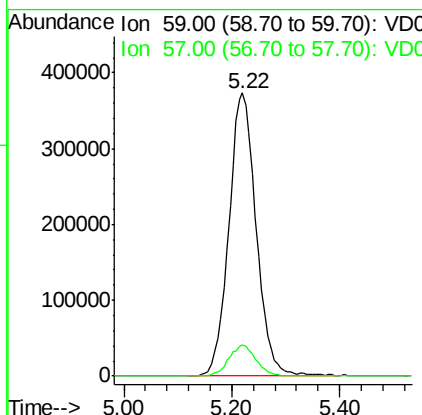
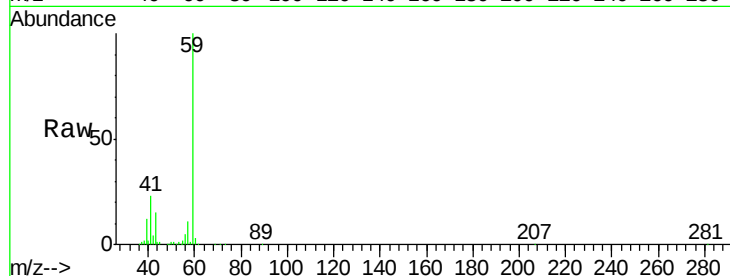




#11
Tert butyl alcohol
Concen: 8806.649 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD066579.D
Acq: 09 Sep 2020 13:24

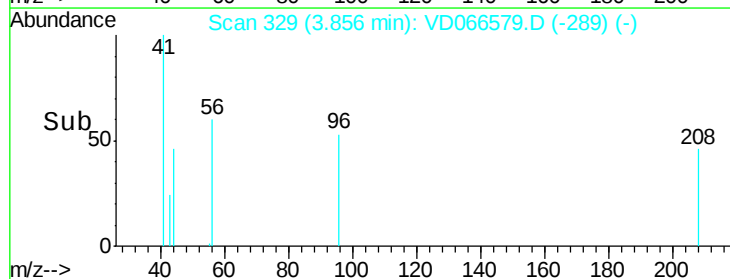
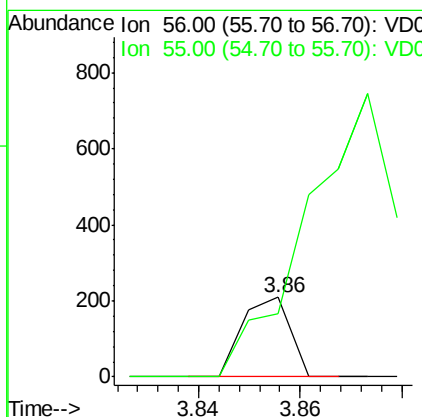
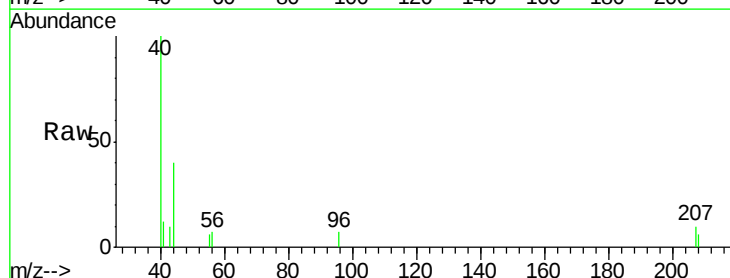
Instrument :
MSVOA_D
ClientSampleId :
1495-96RE

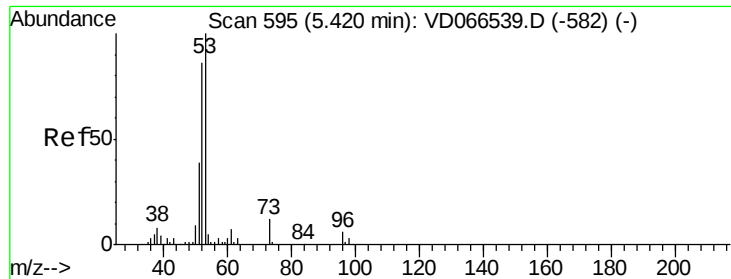
Tgt Ion: 59 Resp: 1319308
Ion Ratio Lower Upper
59 100
57 10.9 7.6 11.4



#13
Acrolein
Concen: 1.152 ug/l
RT: 3.86 min Scan# 329
Delta R.T. -0.06 min
Lab File: VD066579.D
Acq: 09 Sep 2020 13:24

Tgt Ion: 56 Resp: 137
Ion Ratio Lower Upper
56 100
55 645.3 53.6 80.4#





#15

Acrylonitrile

Concen: 28.154 ug/l

RT: 5.23 min Scan# 563

Delta R.T. -0.19 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

1495-96RE

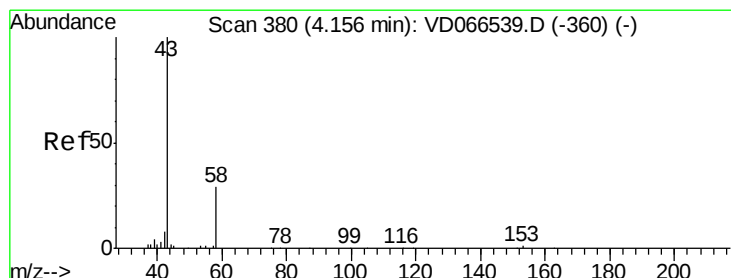
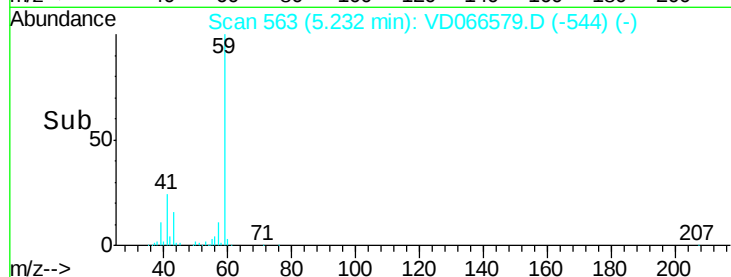
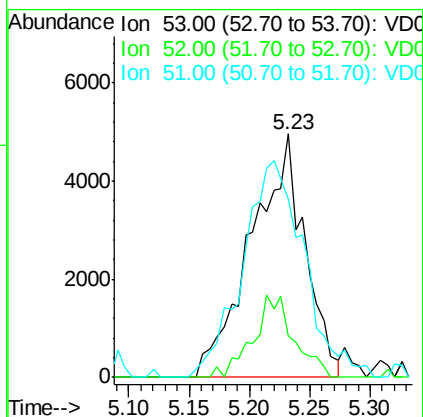
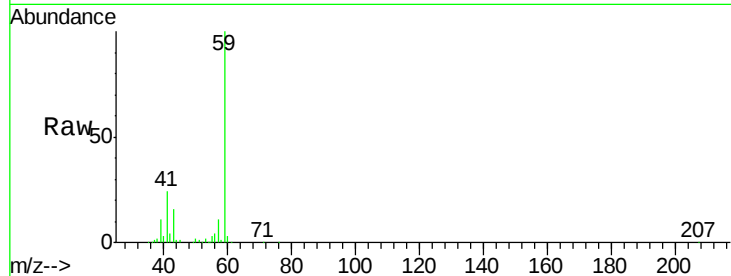
Tgt Ion: 53 Resp: 15170

Ion Ratio Lower Upper

53 100

52 25.8 65.4 98.2#

51 102.6 31.2 46.8#



#16

Acetone

Concen: 12.376 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066579.D

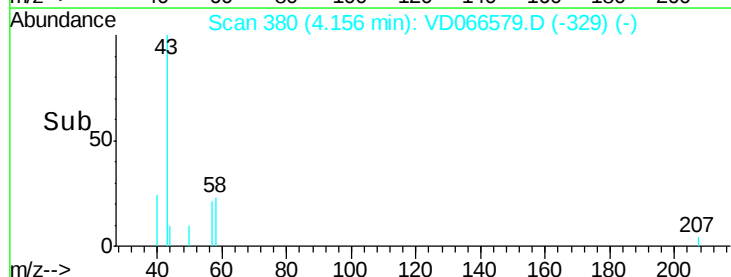
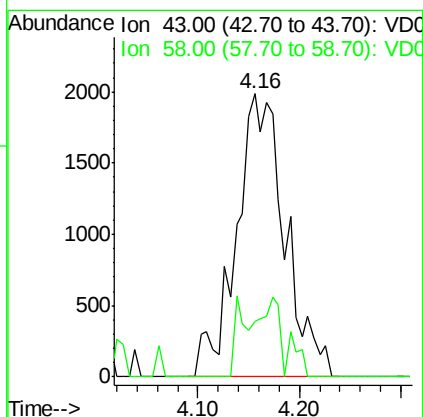
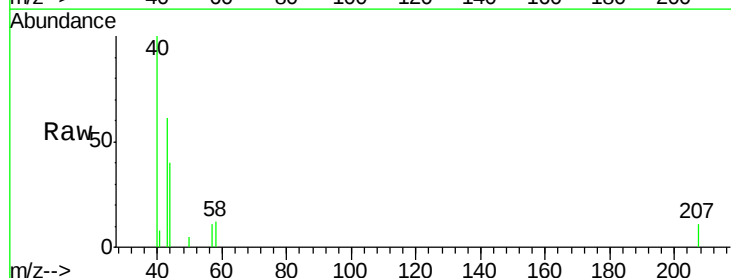
Acq: 09 Sep 2020 13:24

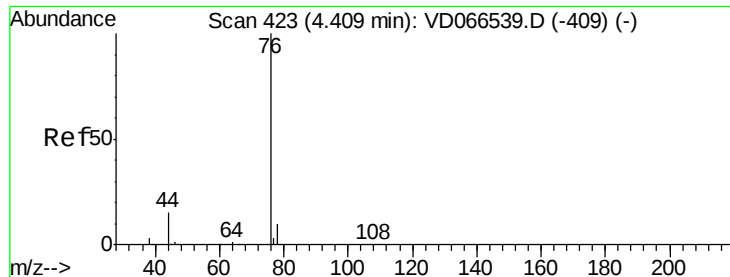
Tgt Ion: 43 Resp: 6623

Ion Ratio Lower Upper

43 100

58 19.4 22.9 34.3#





#17

Carbon Disulfide

Concen: 2.018 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

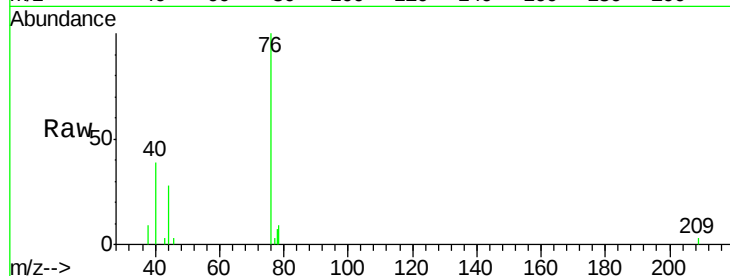
1495-96RE

Tgt Ion: 76 Resp: 16065

Ion Ratio Lower Upper

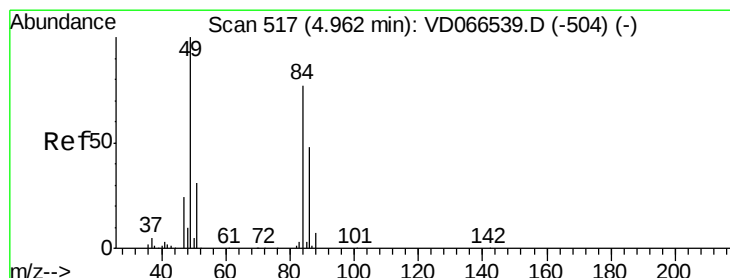
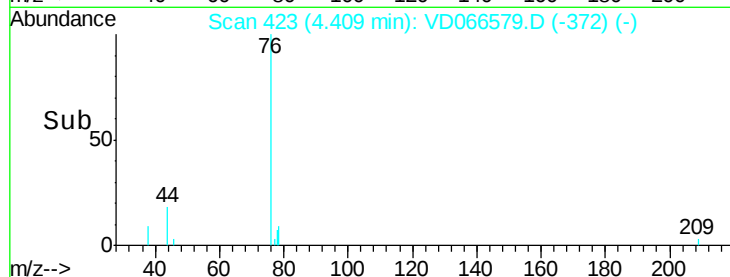
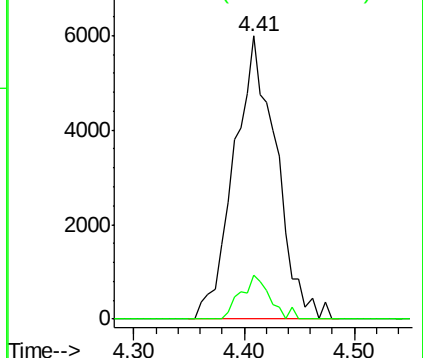
76 100

78 15.4 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#20

Methylene Chloride

Concen: 3.845 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Tgt Ion: 84 Resp: 29031

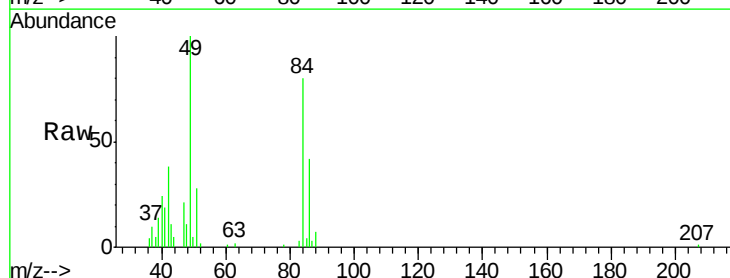
Ion Ratio Lower Upper

84 100

49 125.5 104.3 156.5

51 35.1 32.2 48.4

86 52.2 50.0 75.0

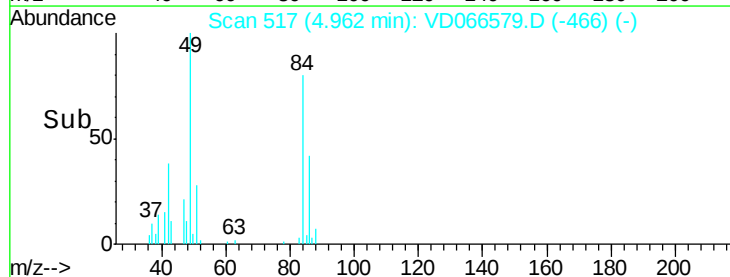
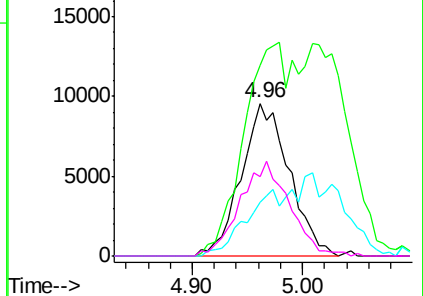


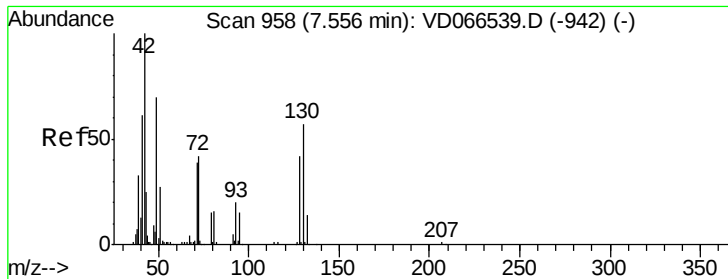
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

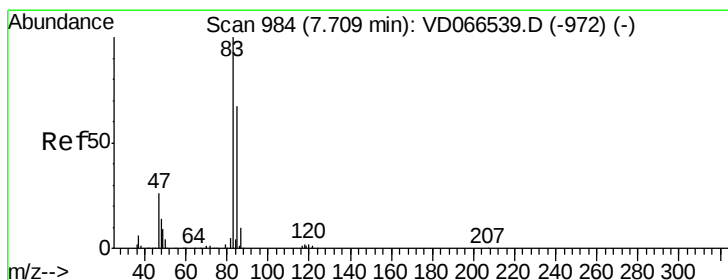
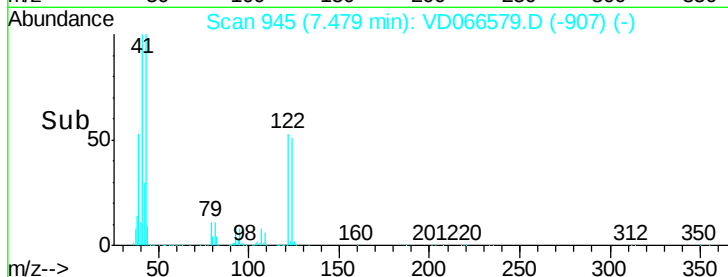
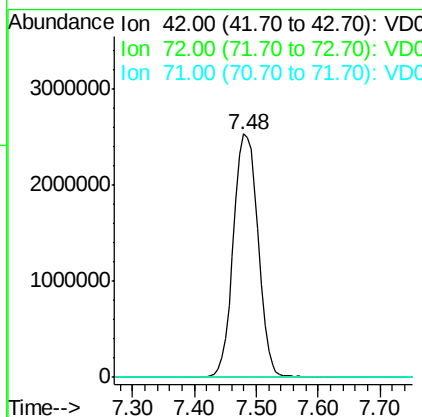
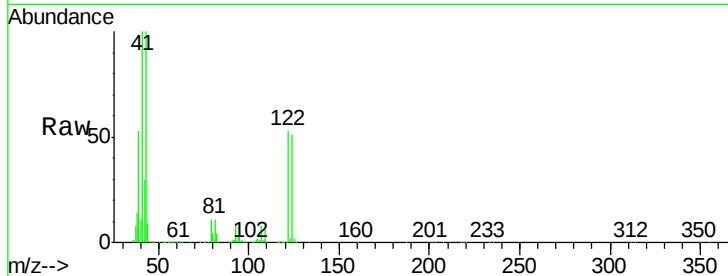




#29
Tetrahydrofuran
Concen: 15852.273 ug/l
RT: 7.48 min Scan# 945
Delta R.T. -0.08 min
Lab File: VD066579.D
Acq: 09 Sep 2020 13:24

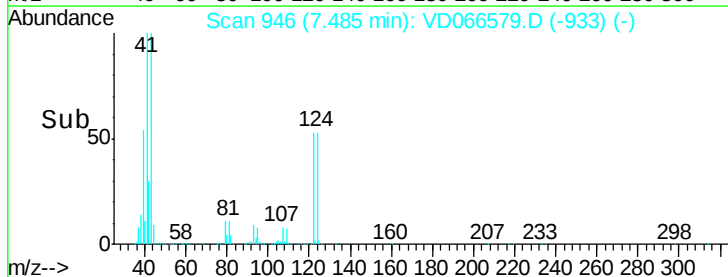
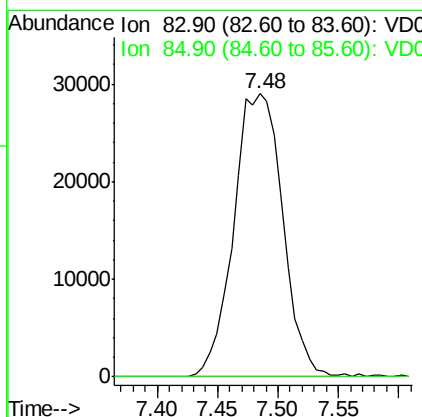
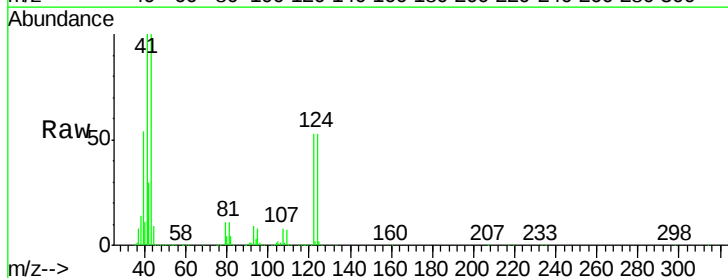
Instrument :
MSVOA_D
ClientSampleId :
1495-96RE

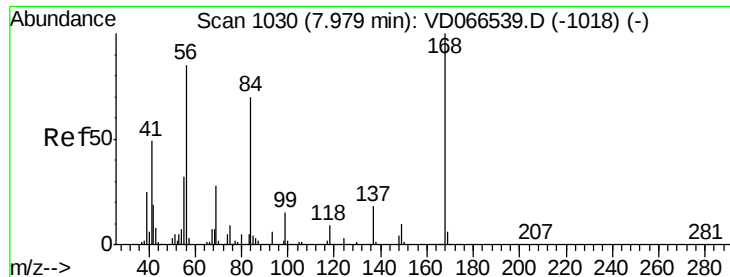
Tgt Ion: 42 Resp: 7092310
Ion Ratio Lower Upper
42 100
72 0.0 33.4 50.0#
71 0.0 31.9 47.9#



#30
Chloroform
Concen: 15.073 ug/l
RT: 7.48 min Scan# 946
Delta R.T. -0.22 min
Lab File: VD066579.D
Acq: 09 Sep 2020 13:24

Tgt Ion: 83 Resp: 81854
Ion Ratio Lower Upper
83 100
85 0.0 53.6 80.4#

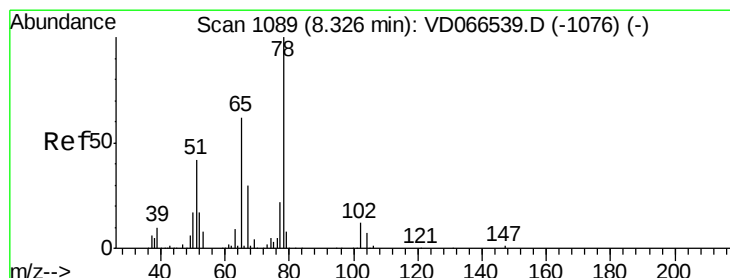
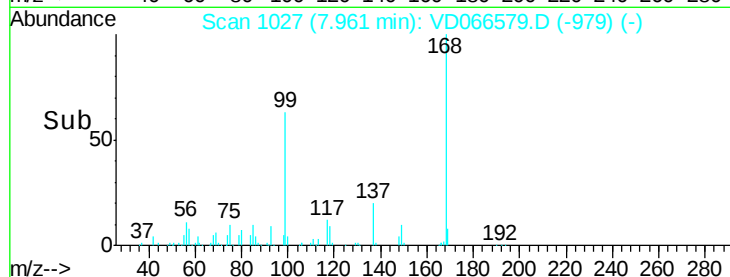
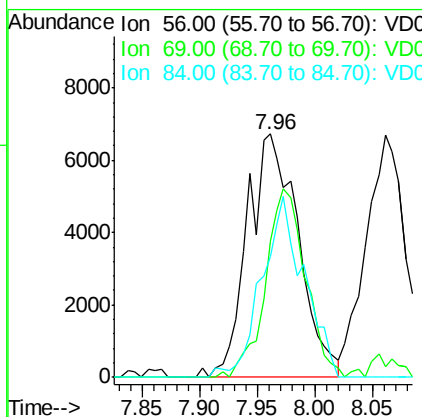
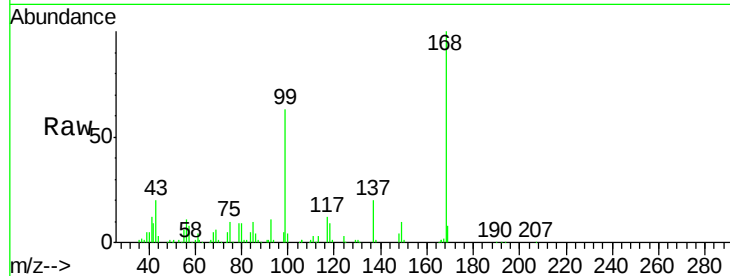




#31
Cyclohexane
Concen: 4.362 ug/l
RT: 7.96 min Scan# 1027
Delta R.T. -0.02 min
Lab File: VD066579.D
Acq: 09 Sep 2020 13:24

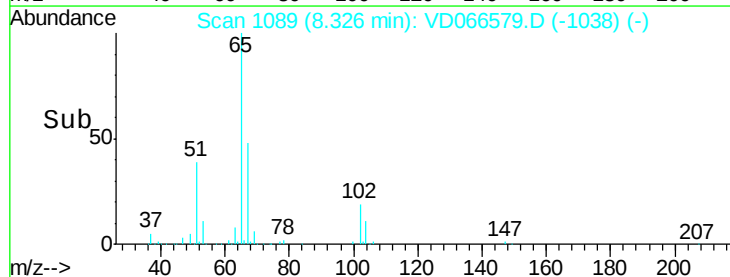
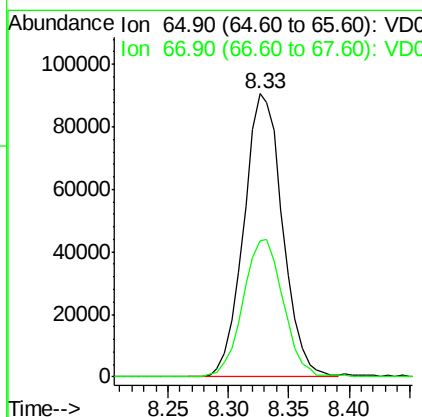
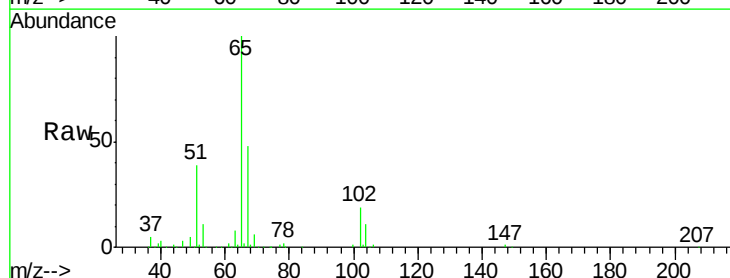
Instrument :
MSVOA_D
ClientSampleId :
1495-96RE

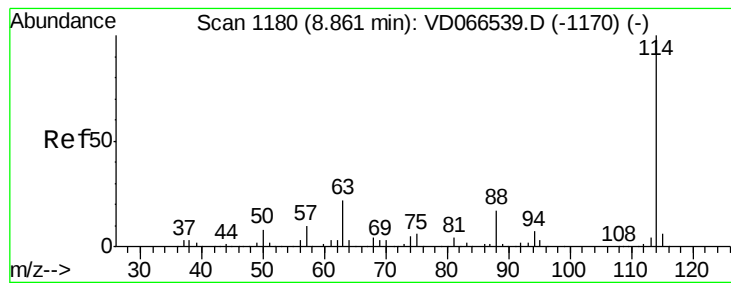
Tgt Ion: 56 Resp: 20697
Ion Ratio Lower Upper
56 100
69 55.9 26.3 39.5#
84 49.3 66.1 99.1#



#33
1,2-Dichloroethane-d4
Concen: 69.773 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066579.D
Acq: 09 Sep 2020 13:24

Tgt Ion: 65 Resp: 202932
Ion Ratio Lower Upper
65 100
67 50.5 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: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

1495-96RE

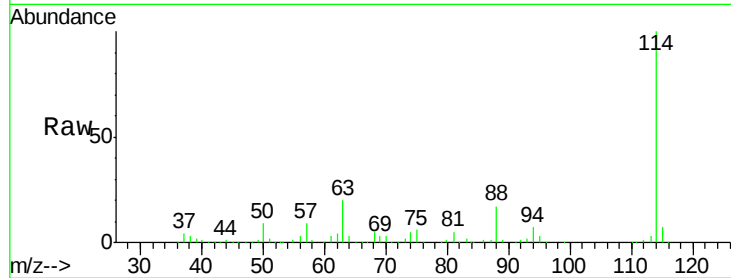
Tgt Ion:114 Resp: 459490

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

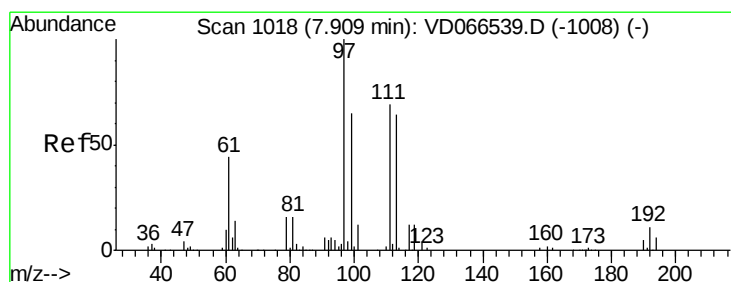
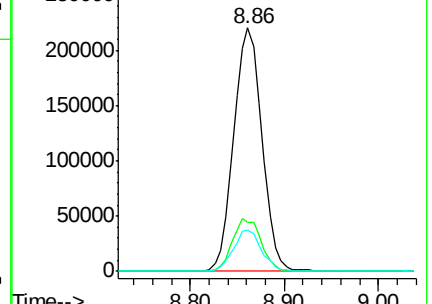
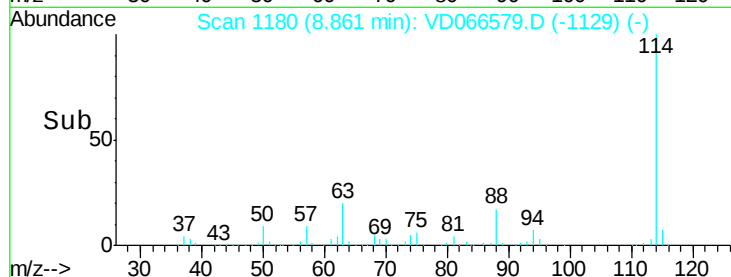
88 17.1 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 59.433 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

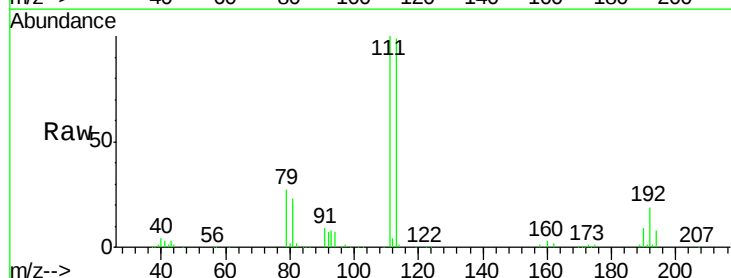
Tgt Ion:113 Resp: 184228

Ion Ratio Lower Upper

113 100

111 101.8 83.2 124.8

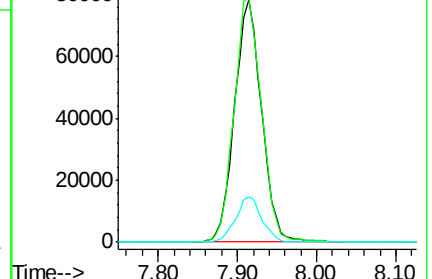
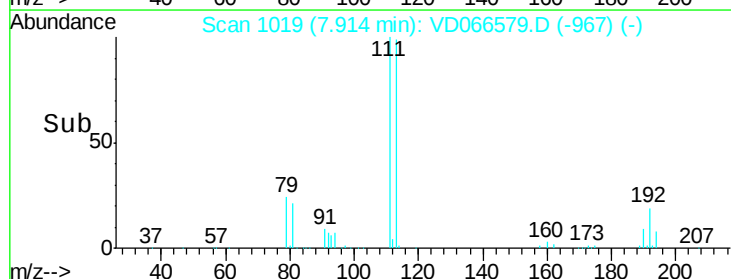
192 18.3 13.7 20.5

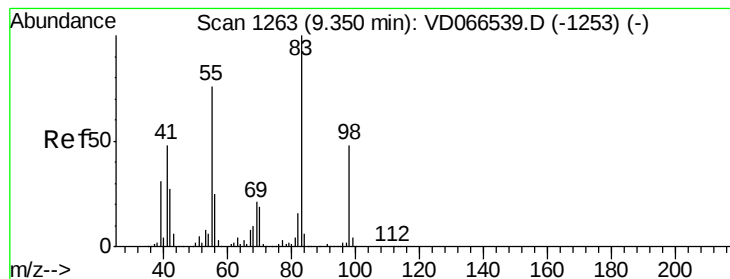


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methylcyclohexane

Concen: 1.783 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

1495-96RE

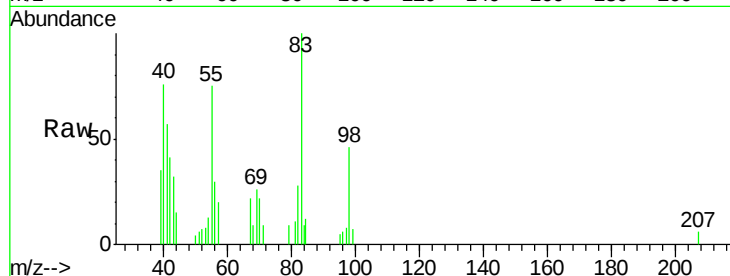
Tgt Ion: 83 Resp: 9522

Ion Ratio Lower Upper

83 100

55 71.6 60.8 91.2

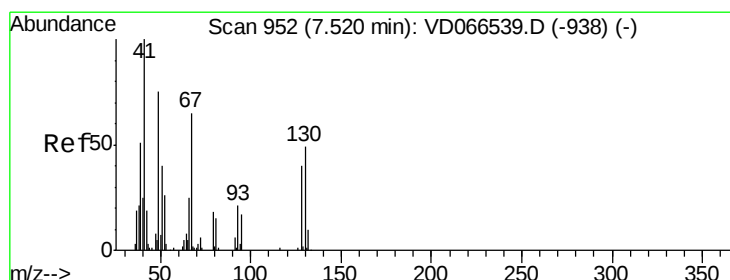
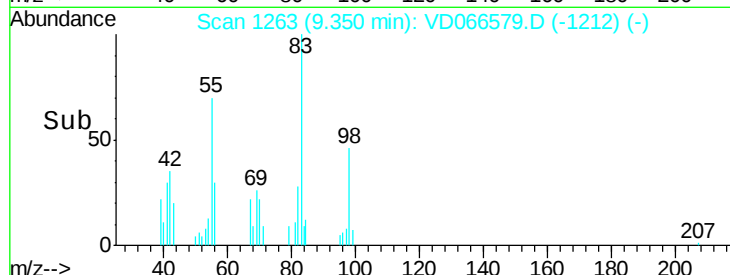
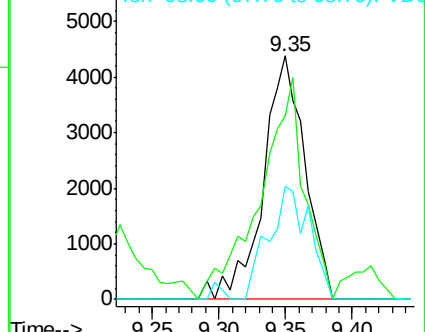
98 46.3 38.6 58.0



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



#41

Methacrylonitrile

Concen: 28616.844 ug/l

RT: 7.48 min Scan# 945

Delta R.T. -0.04 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Tgt Ion: 41 Resp: 26376561

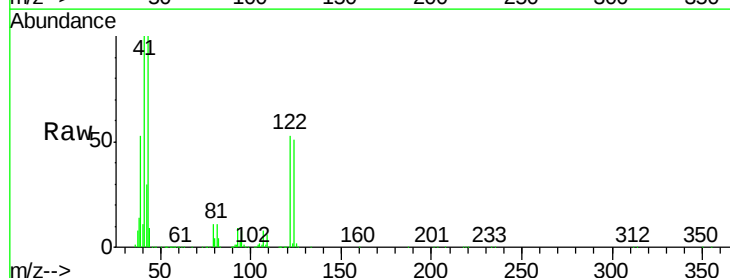
Ion Ratio Lower Upper

41 100

39 49.1 53.6 80.4#

67 0.0 59.2 88.8#

52 0.0 26.8 40.2#

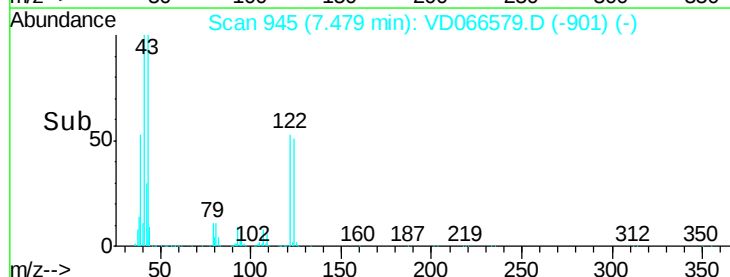
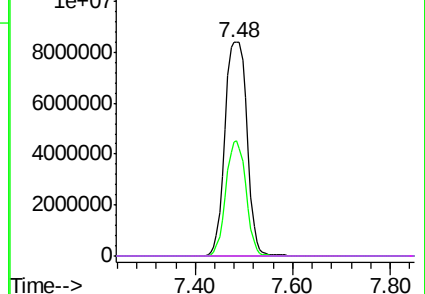


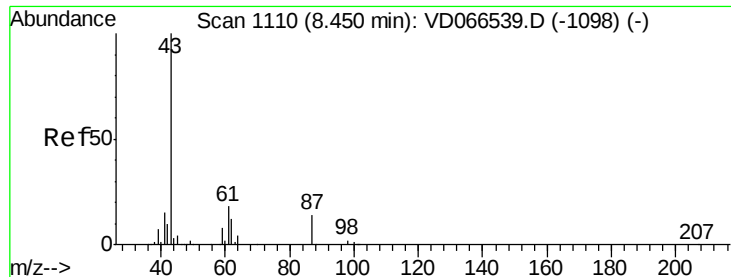
Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC





#43

Isopropyl Acetate

Concen: 2.634 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

1495-96RE

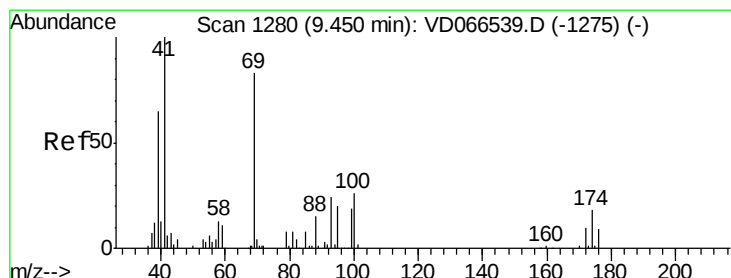
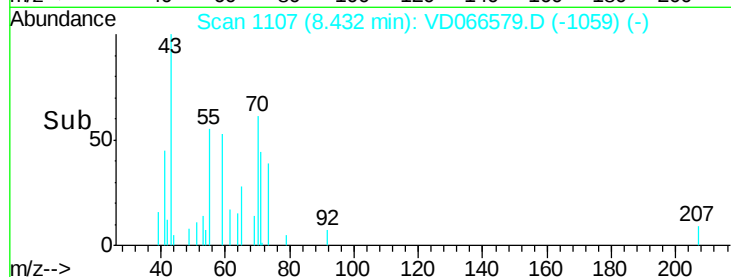
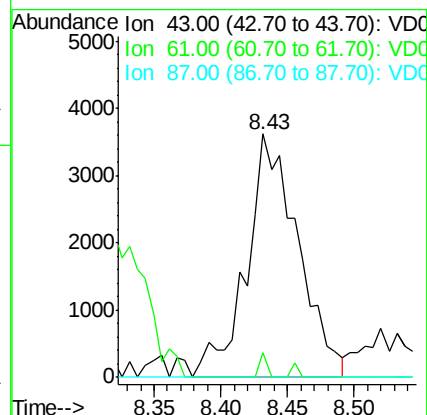
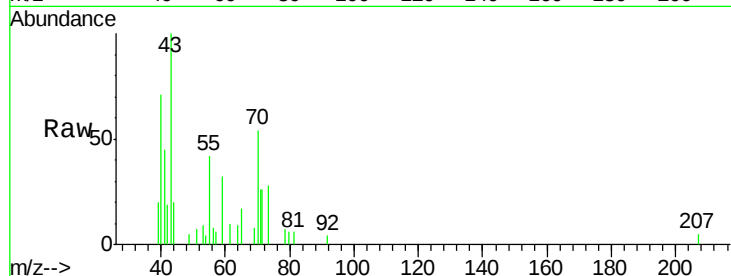
Tgt Ion: 43 Resp: 9610

Ion Ratio Lower Upper

43 100

61 0.0 23.8 35.8#

87 0.0 10.7 16.1#



#48

Methyl methacrylate

Concen: 2.821 ug/l

RT: 9.34 min Scan# 1262

Delta R.T. -0.11 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

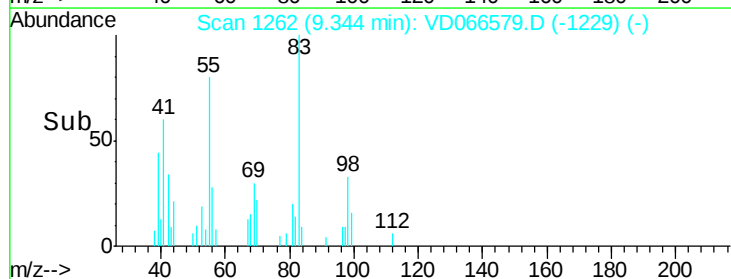
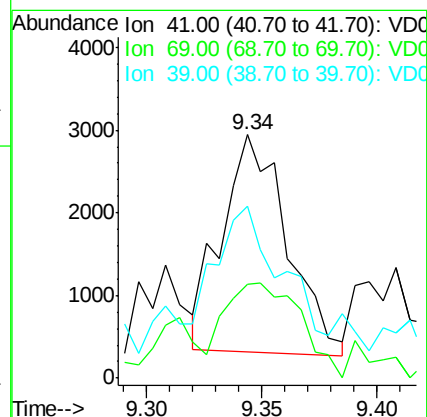
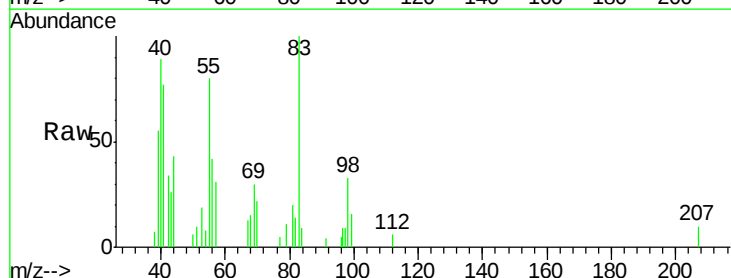
Tgt Ion: 41 Resp: 5205

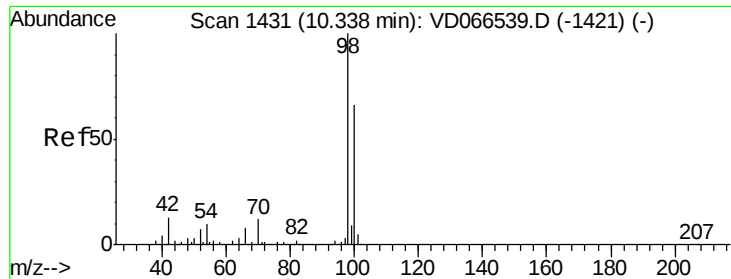
Ion Ratio Lower Upper

41 100

69 50.4 64.5 96.7#

39 108.5 46.6 69.8#





#50

Toluene-d8

Concen: 32.574 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

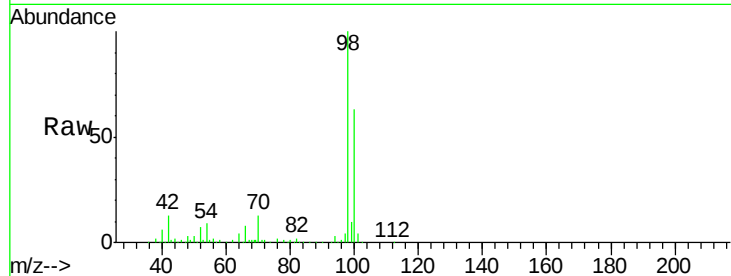
1495-96RE

Tgt Ion: 98 Resp: 360889

Ion Ratio Lower Upper

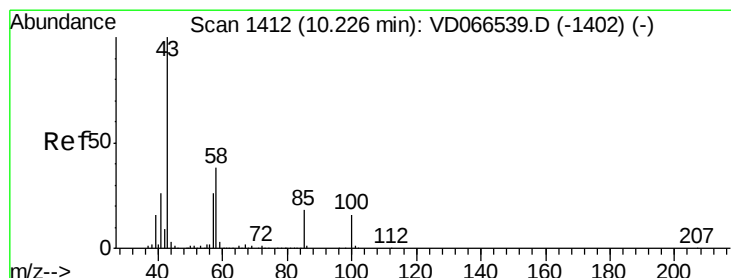
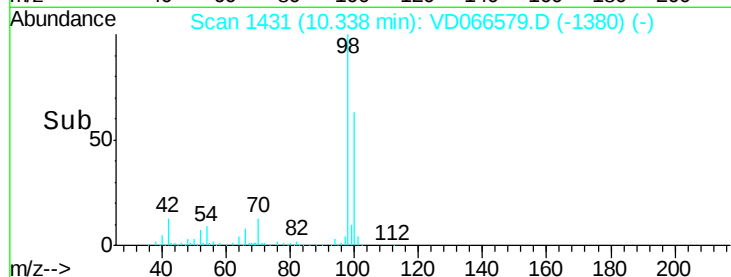
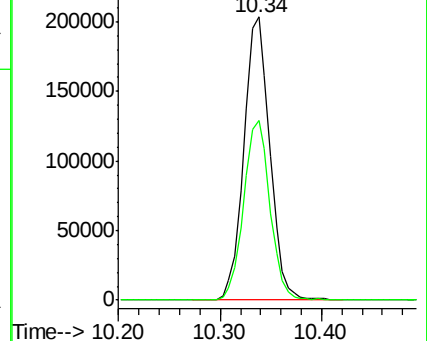
98 100

100 64.5 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: 2.378 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066579.D

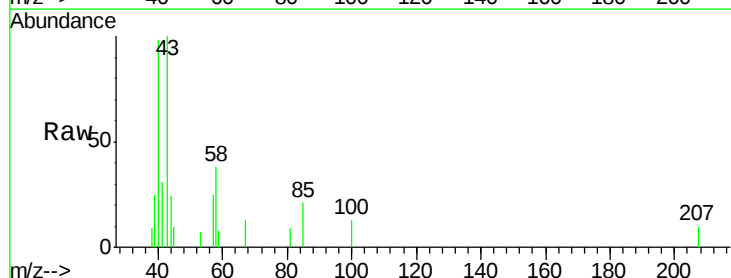
Acq: 09 Sep 2020 13:24

Tgt Ion: 43 Resp: 4377

Ion Ratio Lower Upper

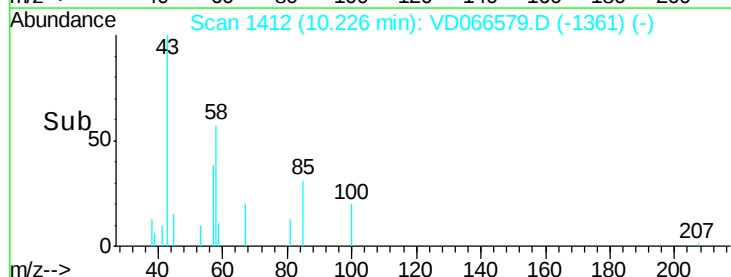
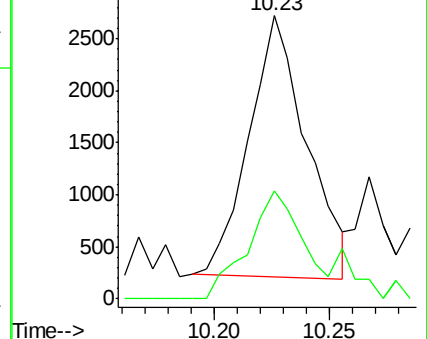
43 100

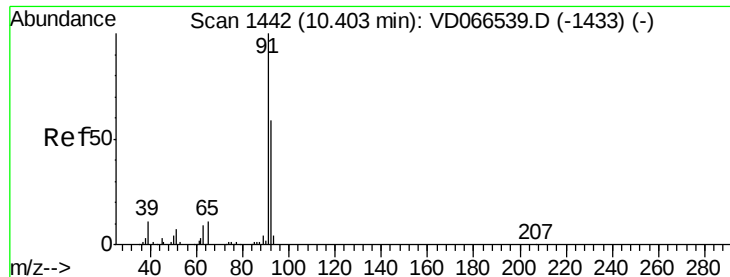
58 39.0 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#52

Toluene

Concen: 14.605 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

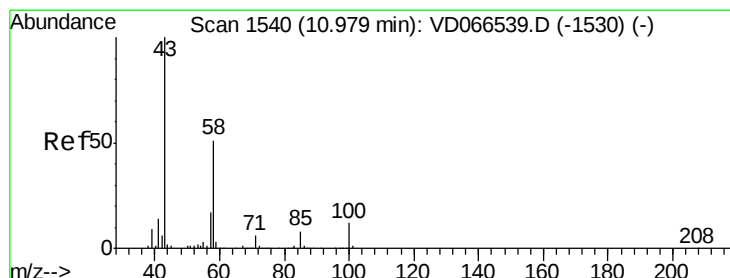
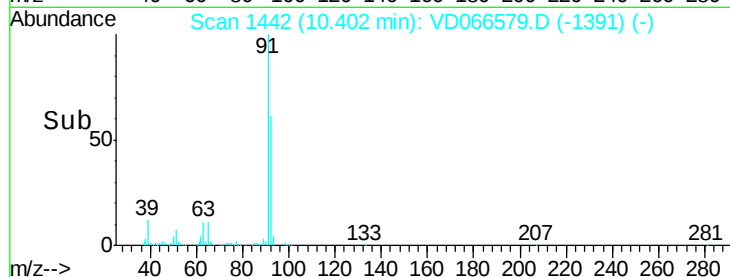
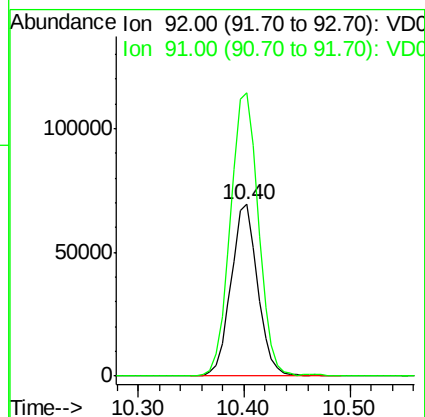
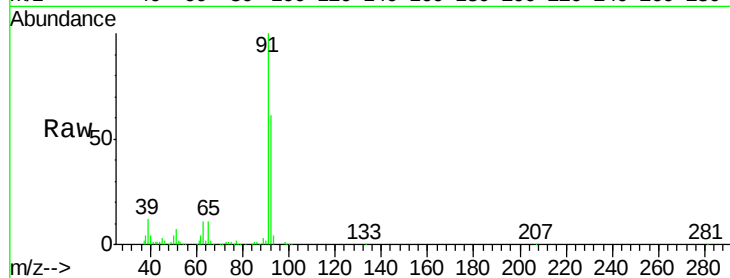
1495-96RE

Tgt Ion: 92 Resp: 121075

Ion Ratio Lower Upper

92 100

91 172.9 137.4 206.2



#59

2-Hexanone

Concen: 47.134 ug/l

RT: 10.84 min Scan# 1517

Delta R.T. -0.14 min

Lab File: VD066579.D

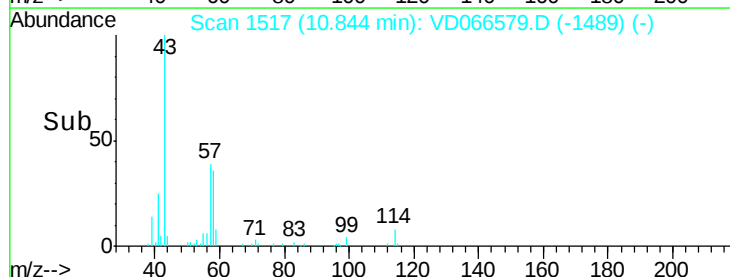
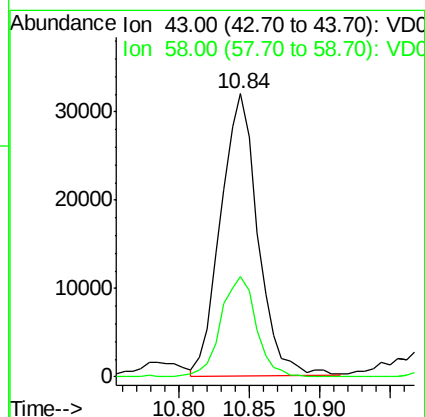
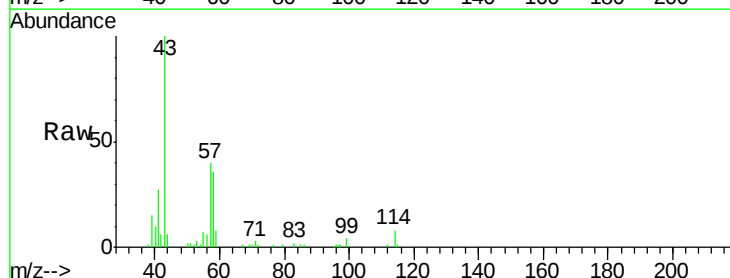
Acq: 09 Sep 2020 13:24

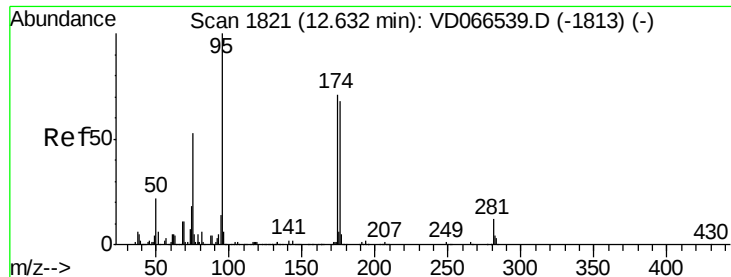
Tgt Ion: 43 Resp: 58332

Ion Ratio Lower Upper

43 100

58 33.9 25.6 76.8

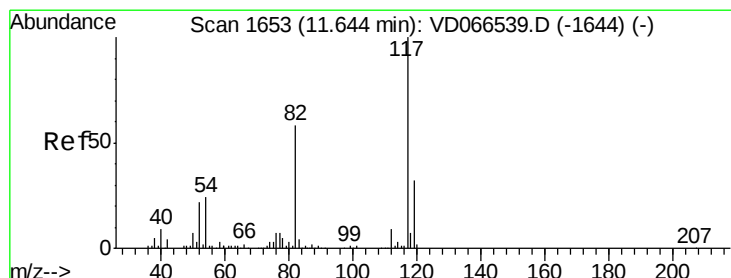
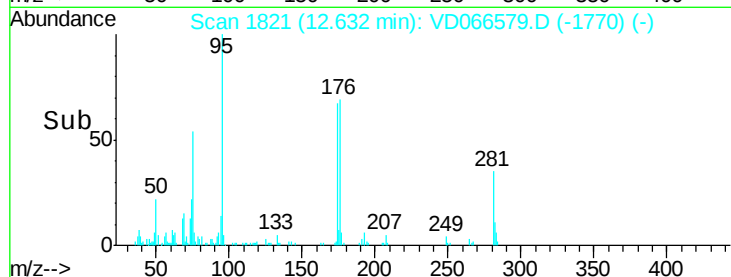
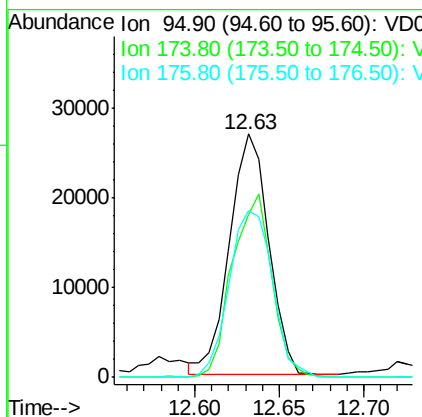
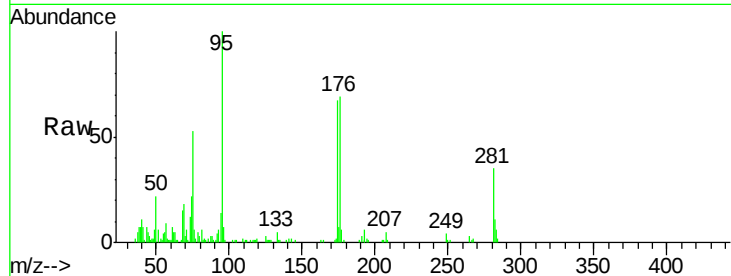




#62
 4-Bromofluorobenzene
 Concen: 11.757 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066579.D
 Acq: 09 Sep 2020 13:24

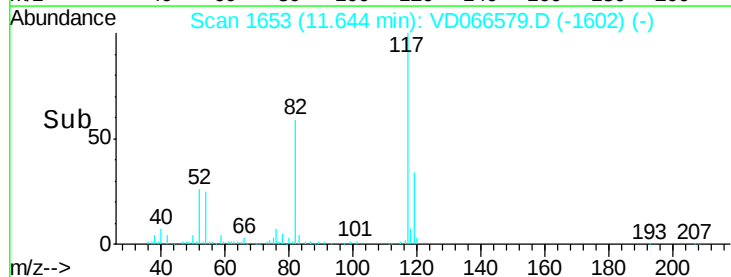
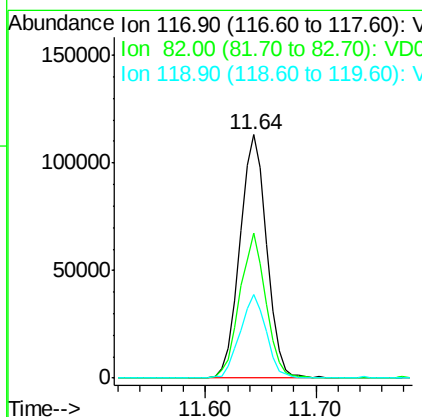
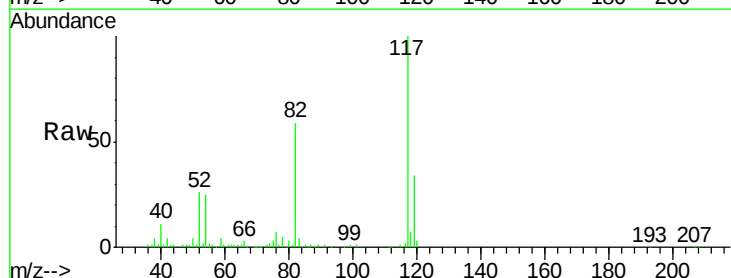
Instrument :
 MSVOA_D
 ClientSampleId :
 1495-96RE

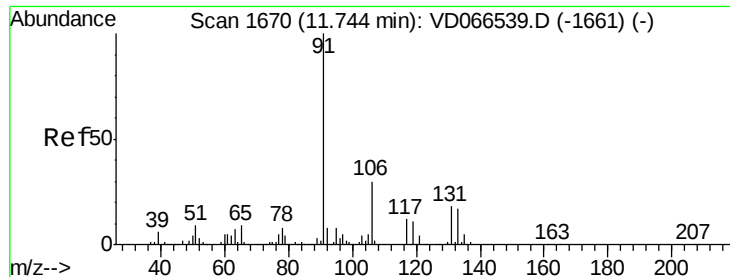
Tgt Ion: 95 Resp: 43193
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 155.8
 176 77.1 0.0 148.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.64 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: VD066579.D
 Acq: 09 Sep 2020 13:24

Tgt Ion: 117 Resp: 193484
 Ion Ratio Lower Upper
 117 100
 82 59.2 46.2 69.2
 119 34.1 25.8 38.8





#67

Ethyl Benzene

Concen: 1.572 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

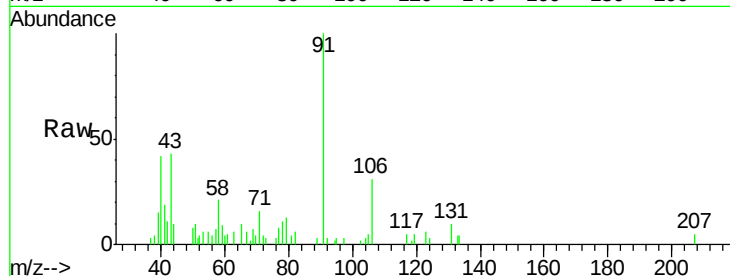
1495-96RE

Tgt Ion: 91 Resp: 11530

Ion Ratio Lower Upper

91 100

106 30.7 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

15000

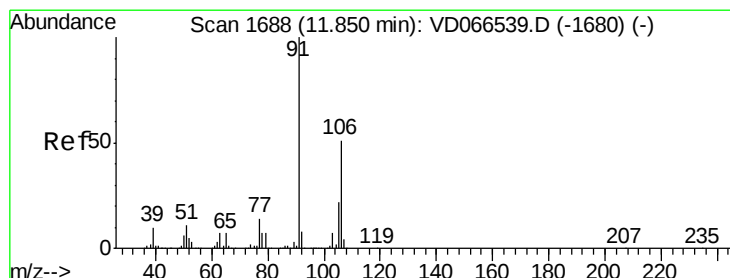
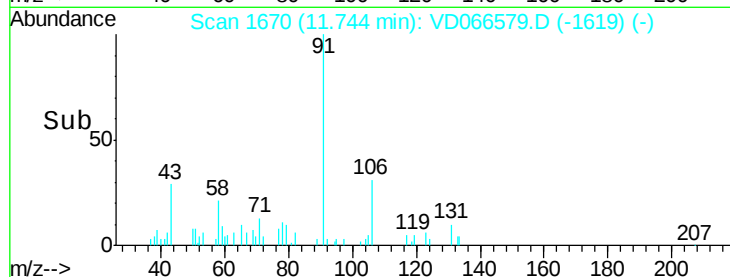
10000

5000

0

11.65 11.70 11.75 11.80

Time-->



#68

m/p-Xylenes

Concen: 4.073 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066579.D

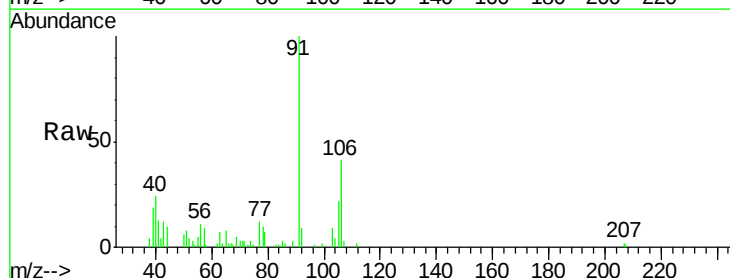
Acq: 09 Sep 2020 13:24

Tgt Ion: 106 Resp: 11088

Ion Ratio Lower Upper

106 100

91 234.8 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

15000

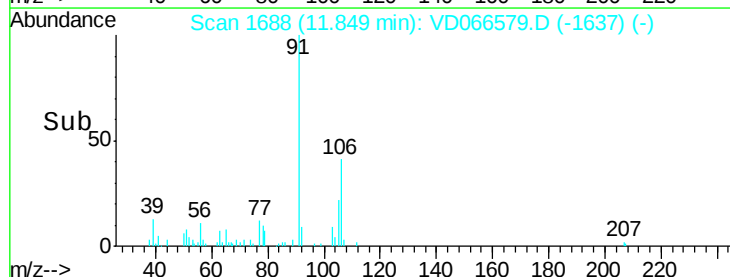
10000

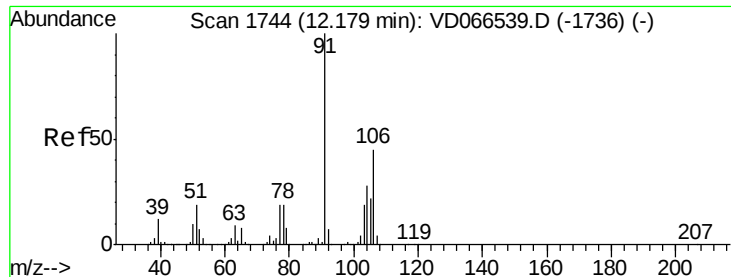
5000

0

11.80 11.85 11.90

Time-->

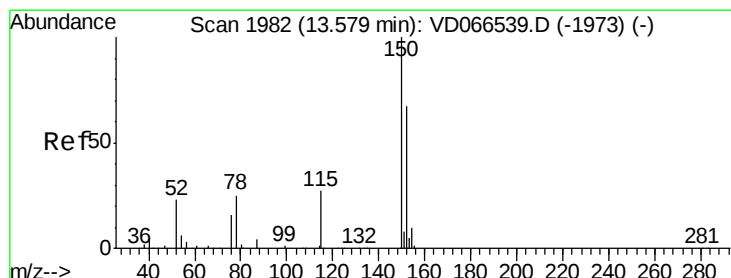
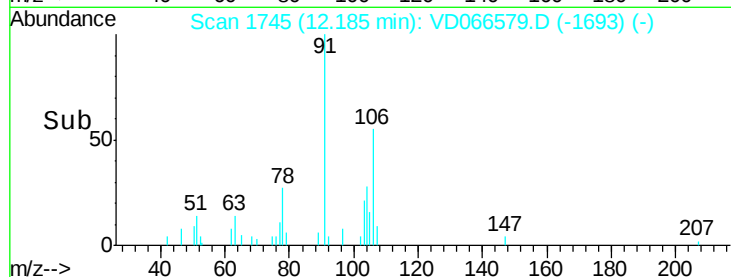
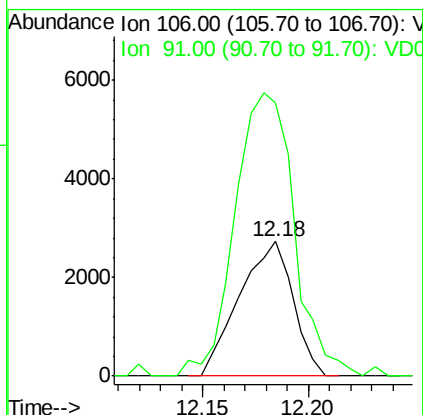
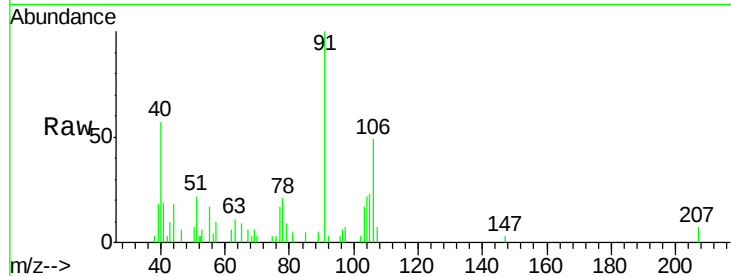




#69
o-Xylene
Concen: 1.972 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066579.D
Acq: 09 Sep 2020 13:24

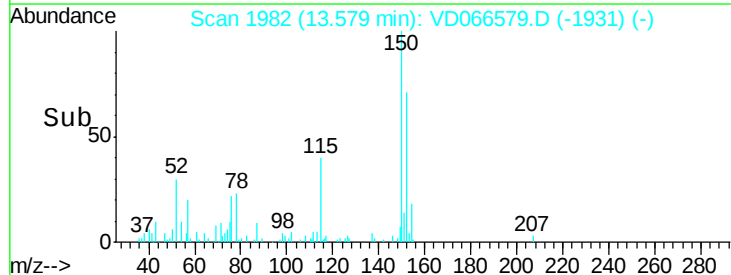
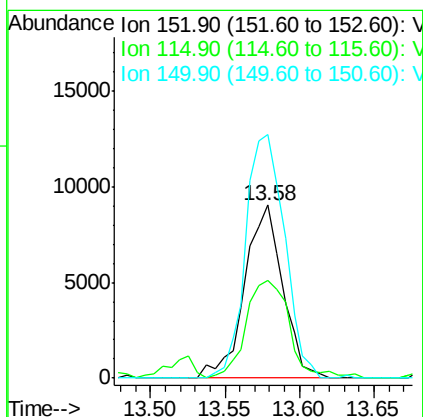
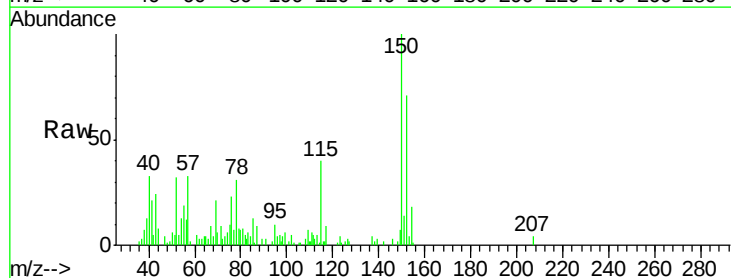
Instrument :
MSVOA_D
ClientSampleId :
1495-96RE

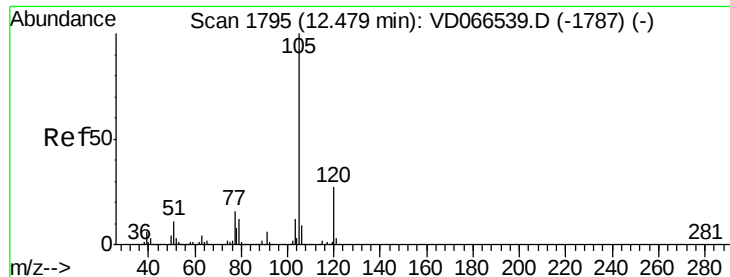
Tgt Ion:106 Resp: 4811
Ion Ratio Lower Upper
106 100
91 231.9 107.9 323.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066579.D
Acq: 09 Sep 2020 13:24

Tgt Ion:152 Resp: 15987
Ion Ratio Lower Upper
152 100
115 64.4 30.4 91.2
150 143.0 0.0 345.8





#73

Isopropylbenzene

Concen: 9.226 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

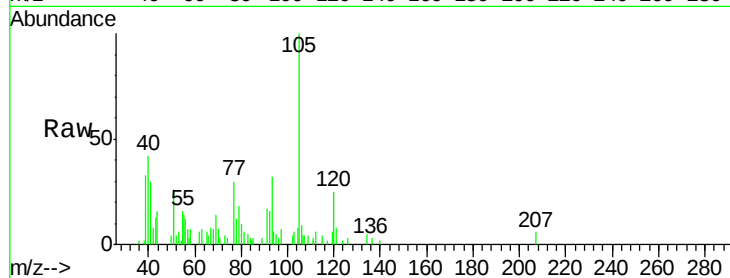
1495-96RE

Tgt Ion: 105 Resp: 10920

Ion Ratio Lower Upper

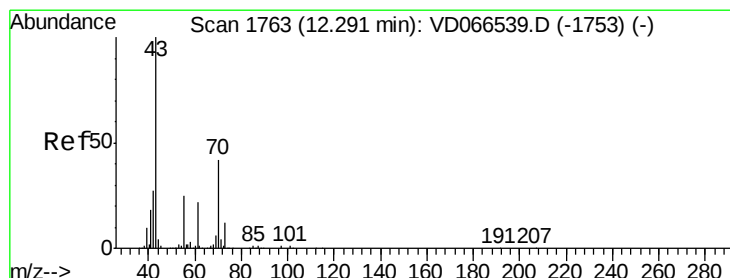
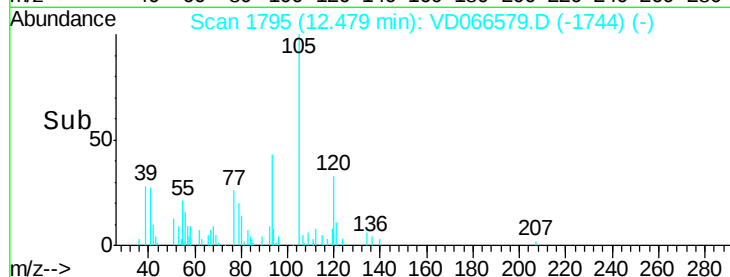
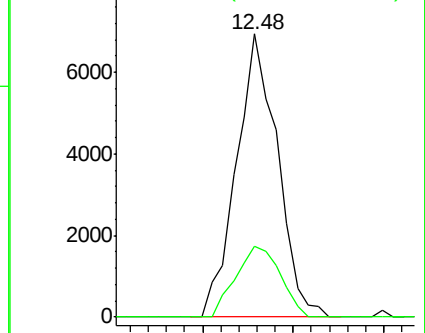
105 100

120 27.1 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: 27.193 ug/l

RT: 12.25 min Scan# 1756

Delta R.T. -0.04 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Tgt Ion: 43 Resp: 7290

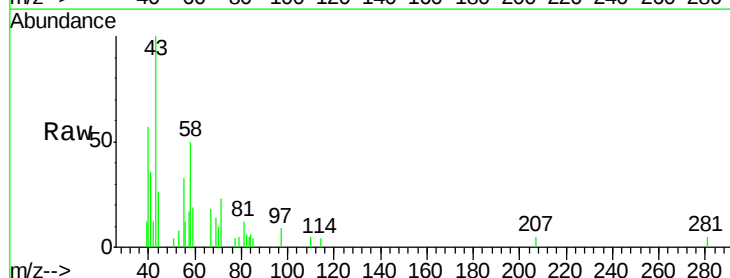
Ion Ratio Lower Upper

43 100

70 12.8 33.4 50.2#

55 37.6 20.1 30.1#

61 0.0 18.2 27.2#

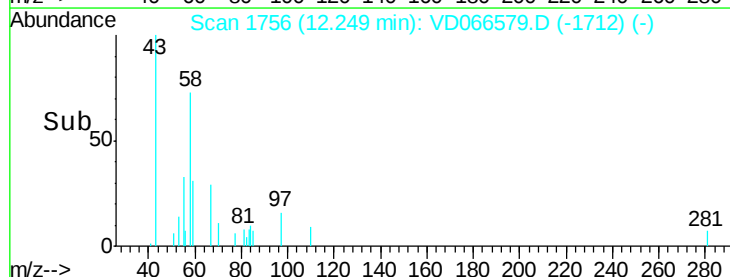
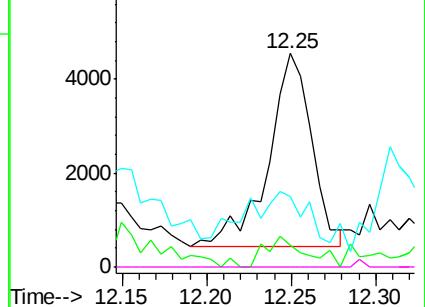


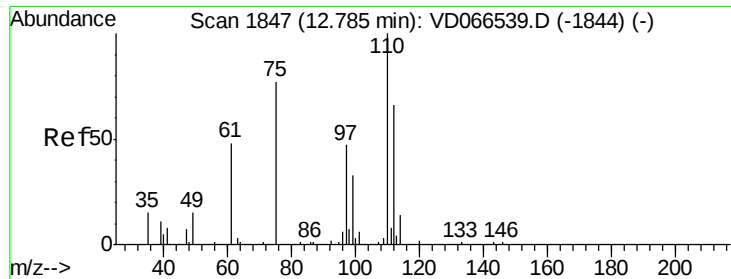
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

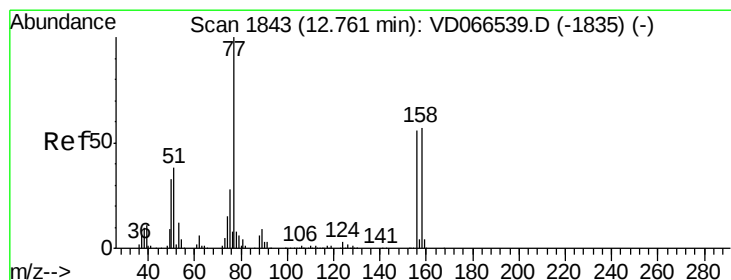
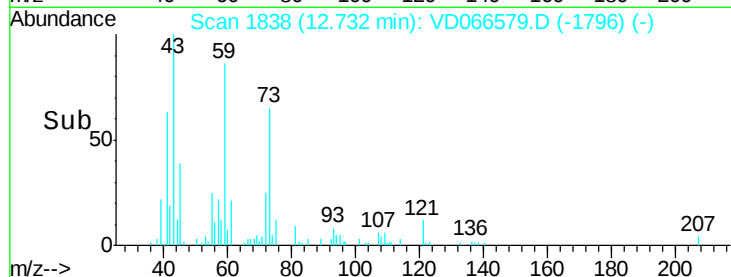
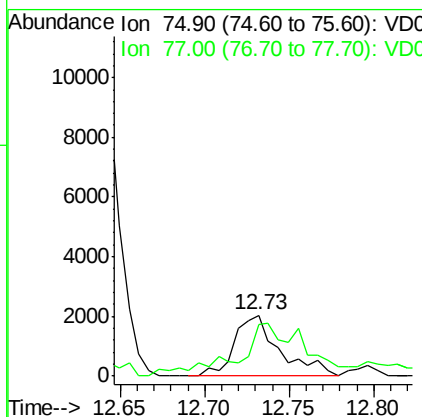
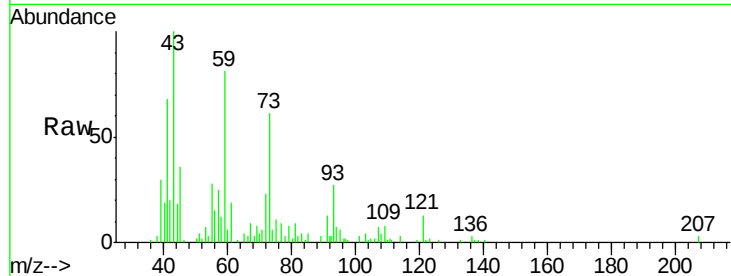




#76
 1,2,3-Trichloropropane
 Concen: 24.474 ug/l
 RT: 12.73 min Scan# 1838
 Delta R.T. -0.05 min
 Lab File: VD066579.D
 Acq: 09 Sep 2020 13:24

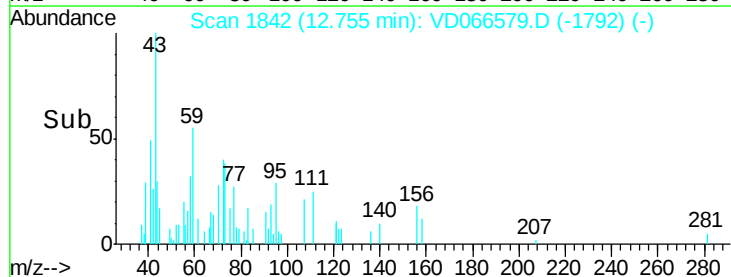
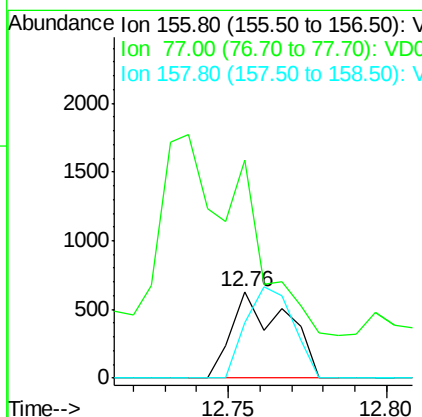
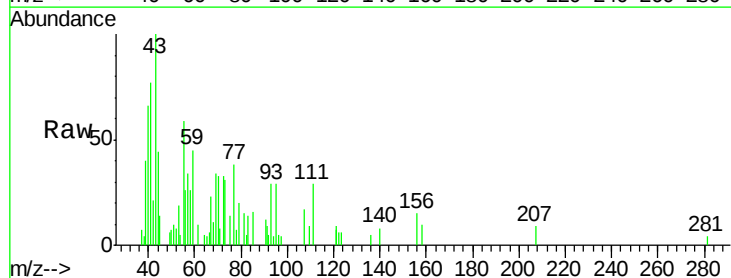
Instrument :
 MSVOA_D
 ClientSampled :
 1495-96RE

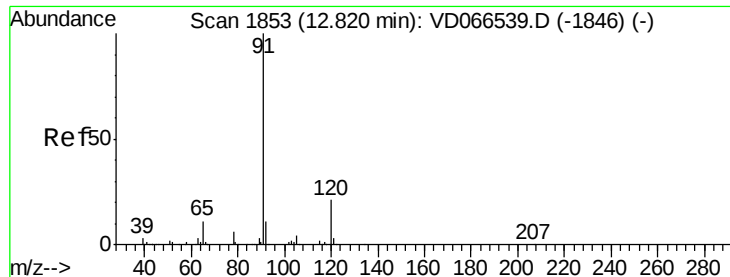
Tgt Ion: 75 Resp: 3763
 Ion Ratio Lower Upper
 75 100
 77 93.1 0.0 0.0#



#77
 Bromobenzene
 Concen: 2.797 ug/l
 RT: 12.76 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: VD066579.D
 Acq: 09 Sep 2020 13:24

Tgt Ion: 156 Resp: 738
 Ion Ratio Lower Upper
 156 100
 77 0.0 98.0 294.1#
 158 92.8 48.1 144.3





#78

n-propylbenzene

Concen: 5.522 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

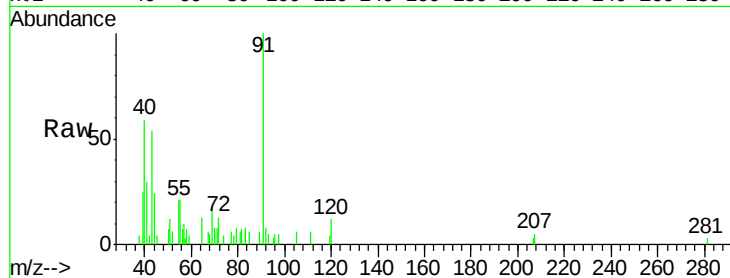
1495-96RE

Tgt Ion: 91 Resp: 7923

Ion Ratio Lower Upper

91 100

120 19.2 11.1 33.1



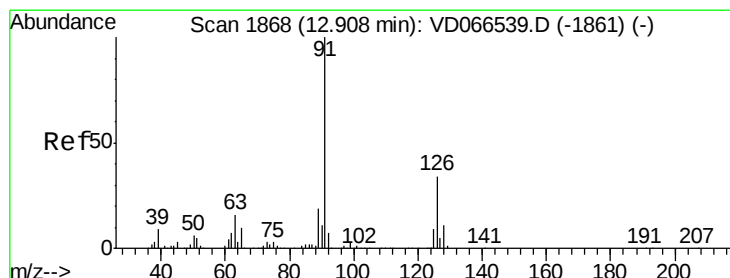
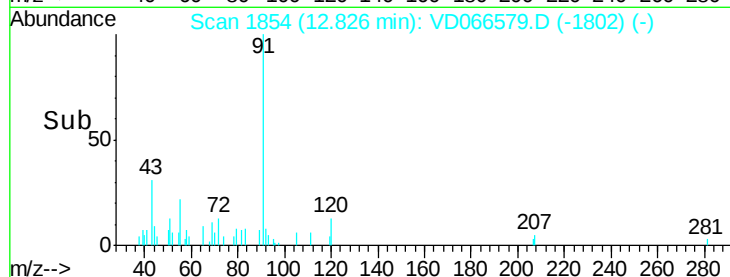
Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): VDC

12.83

12.85

Time-->



#79

2-Chlorotoluene

Concen: 3.001 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. 0.09 min

Lab File: VD066579.D

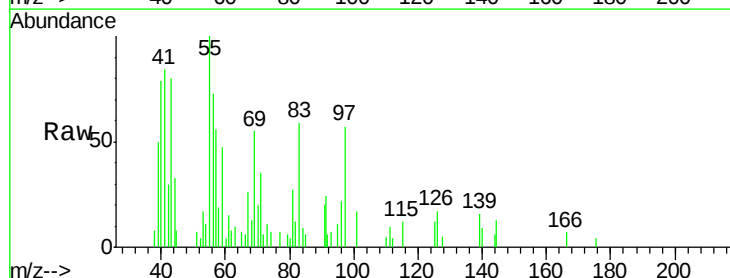
Acq: 09 Sep 2020 13:24

Tgt Ion: 91 Resp: 2416

Ion Ratio Lower Upper

91 100

126 39.2 16.4 49.4



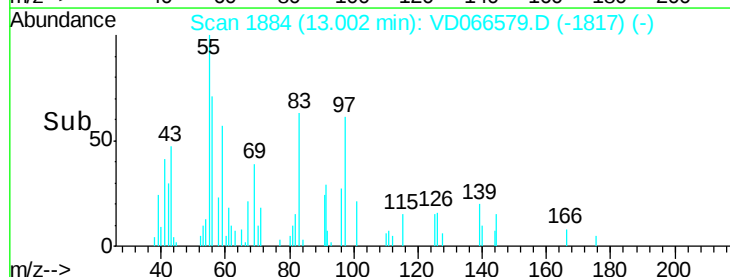
Abundance Ion 91.00 (90.70 to 91.70): VDC

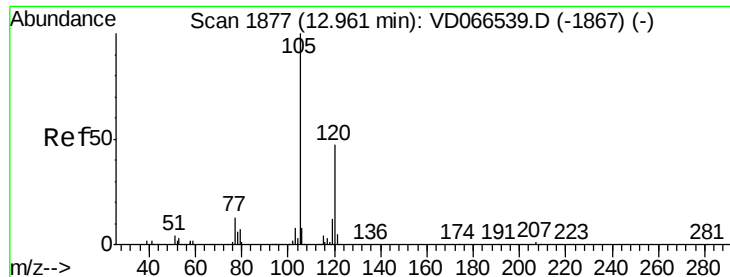
Ion 125.90 (125.60 to 126.60): VDC

13.00

13.00

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 9.454 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

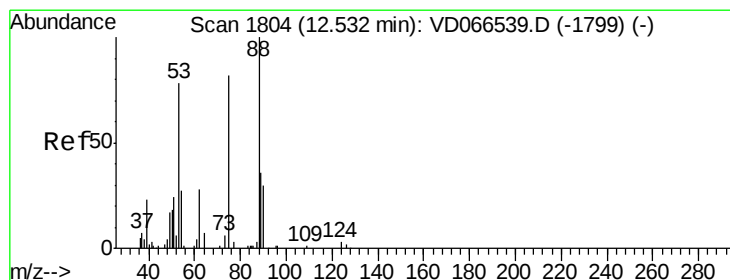
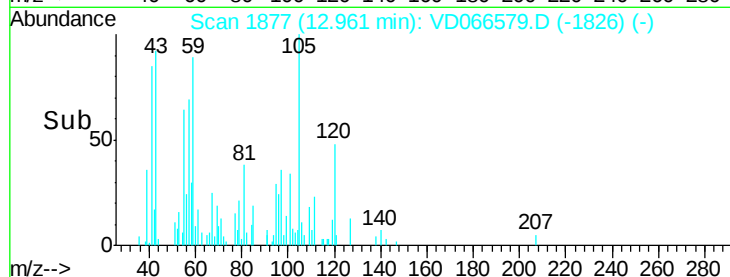
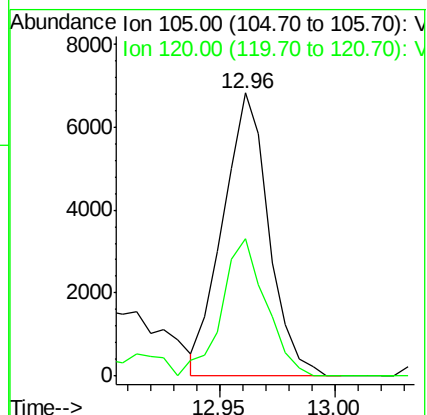
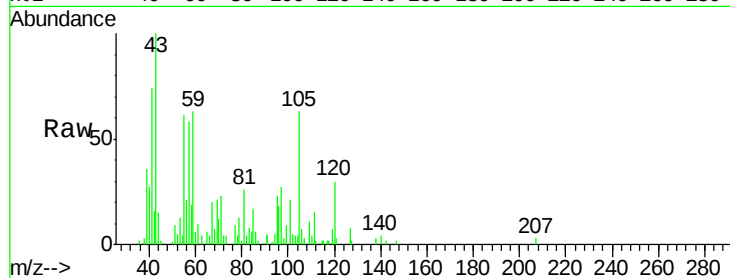
1495-96RE

Tgt Ion:105 Resp: 9419

Ion Ratio Lower Upper

105 100

120 46.6 23.9 71.8



#81

trans-1,4-Dichloro-2-butene

Concen: 401.235 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

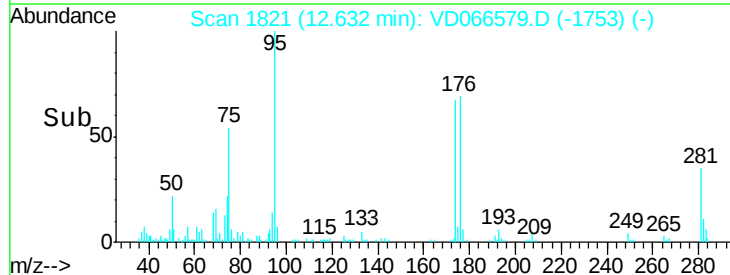
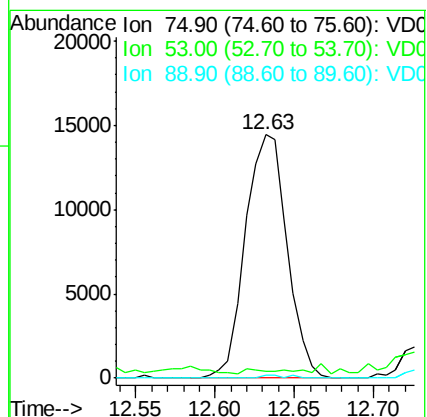
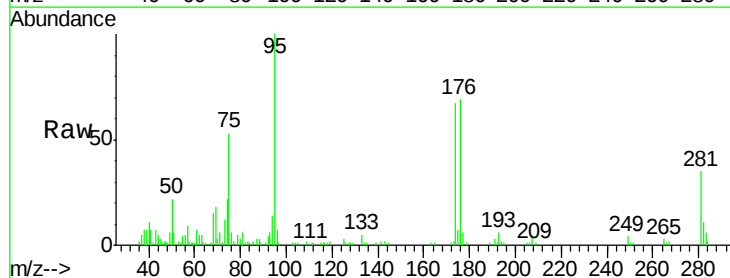
Tgt Ion: 75 Resp: 26424

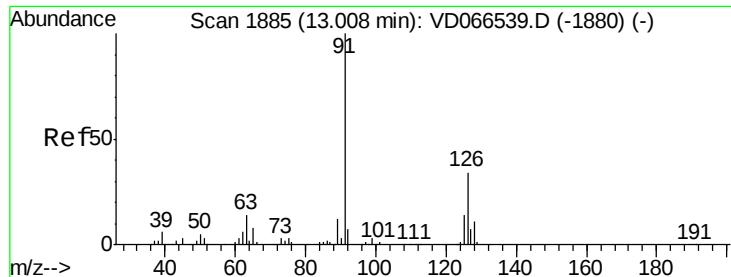
Ion Ratio Lower Upper

75 100

53 1.2 87.0 130.4#

89 0.7 37.1 55.7#

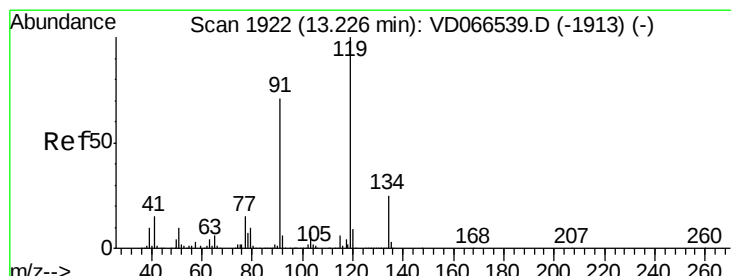
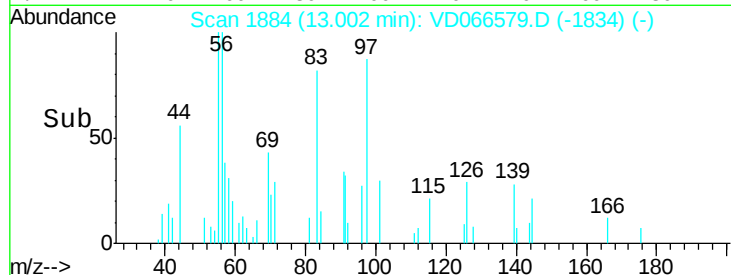
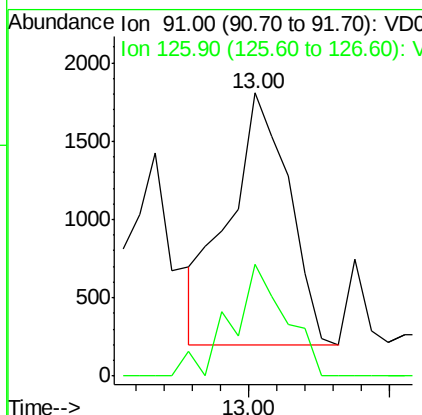
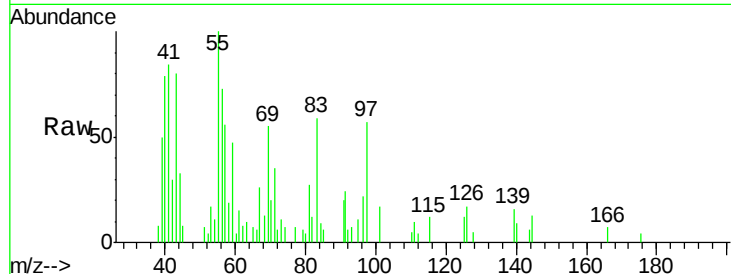




#82
4-Chlorotoluene
Concen: 2.764 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066579.D
Acq: 09 Sep 2020 13:24

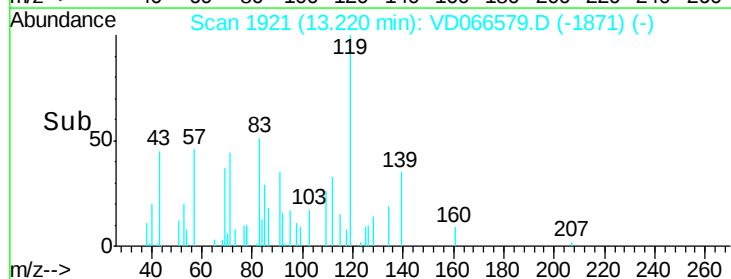
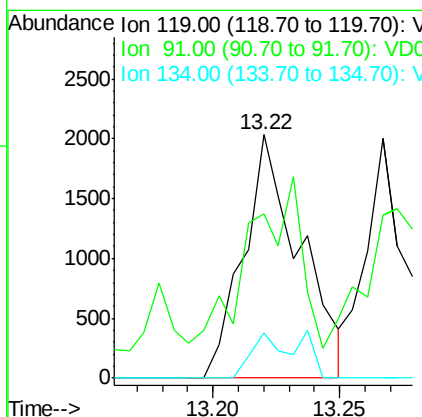
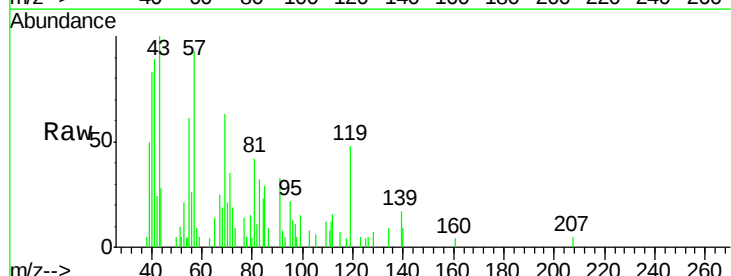
Instrument :
MSVOA_D
ClientSampleId :
1495-96RE

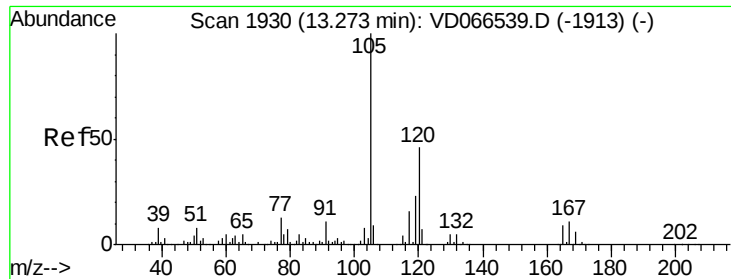
Tgt Ion: 91 Resp: 2379
Ion Ratio Lower Upper
91 100
126 39.8 16.4 49.1



#83
tert-Butylbenzene
Concen: 3.898 ug/l
RT: 13.22 min Scan# 1921
Delta R.T. -0.01 min
Lab File: VD066579.D
Acq: 09 Sep 2020 13:24

Tgt Ion: 119 Resp: 3171
Ion Ratio Lower Upper
119 100
91 63.4 35.2 105.6
134 15.5 13.5 40.5

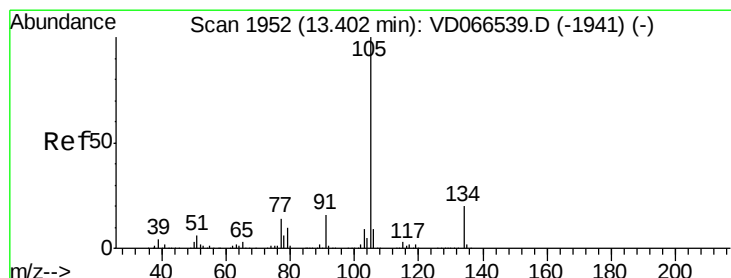
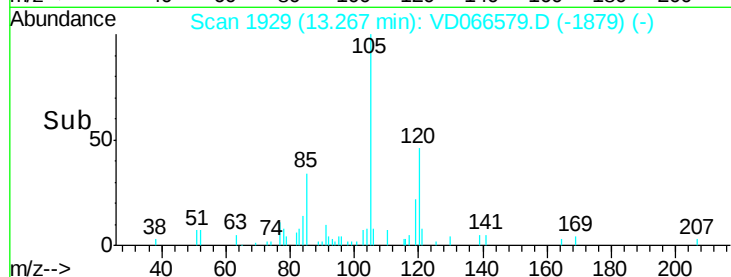
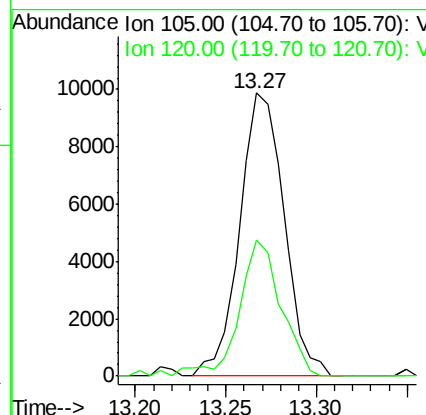
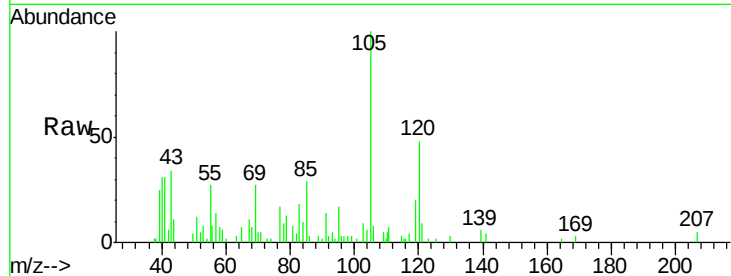




#84
1,2,4-Trimethylbenzene
Concen: 17.026 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066579.D
Acq: 09 Sep 2020 13:24

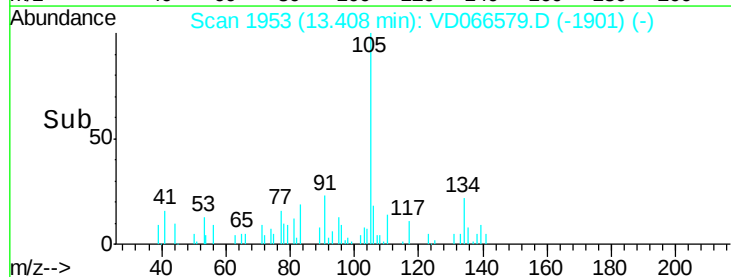
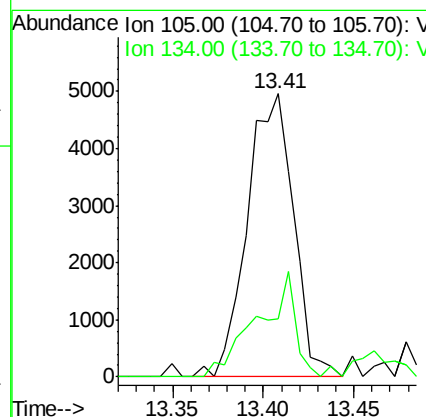
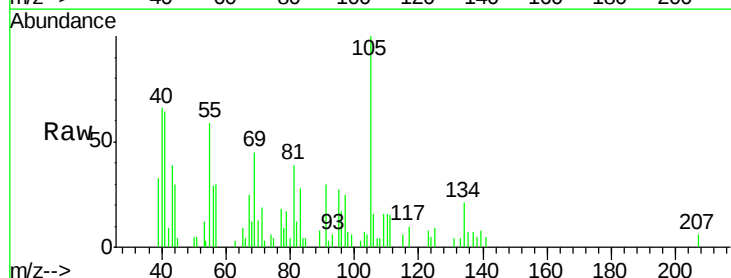
Instrument :
MSVOA_D
ClientSampleId :
1495-96RE

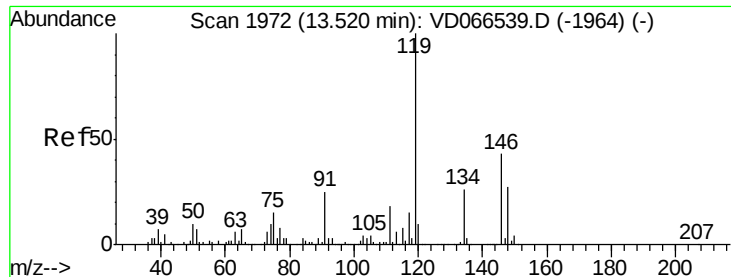
Tgt Ion:105 Resp: 16888
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.7



#85
sec-Butylbenzene
Concen: 7.503 ug/l
RT: 13.41 min Scan# 1953
Delta R.T. 0.01 min
Lab File: VD066579.D
Acq: 09 Sep 2020 13:24

Tgt Ion:105 Resp: 8794
Ion Ratio Lower Upper
105 100
134 30.1 9.8 29.5#

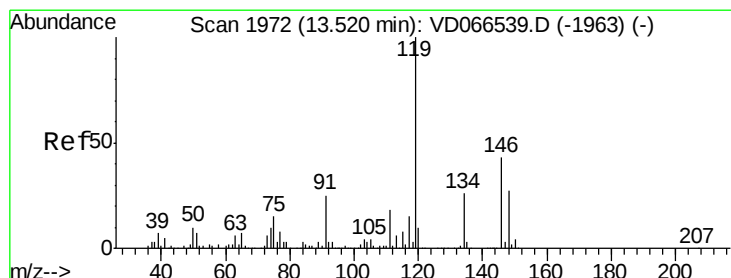
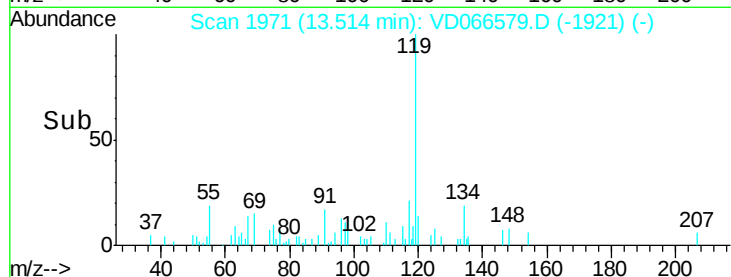
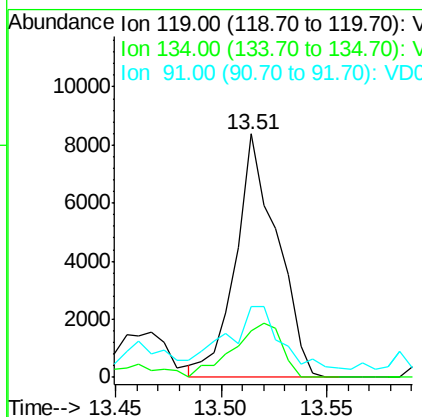
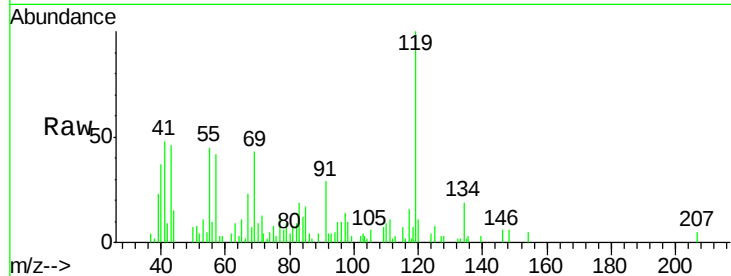




#86
p-Isopropyltoluene
Concen: 10.797 ug/l
RT: 13.51 min Scan# 1971
Delta R.T. -0.01 min
Lab File: VD066579.D
Acq: 09 Sep 2020 13:24

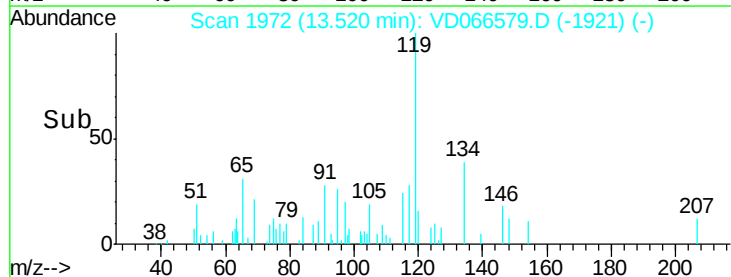
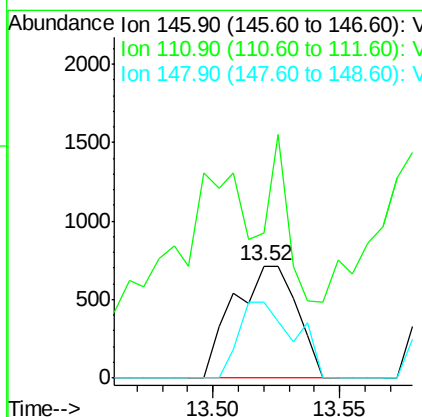
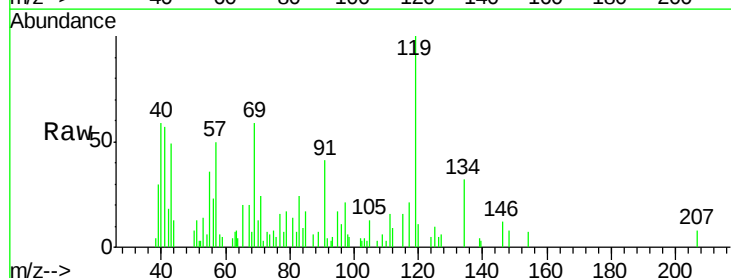
Instrument :
MSVOA_D
ClientSampleId :
1495-96RE

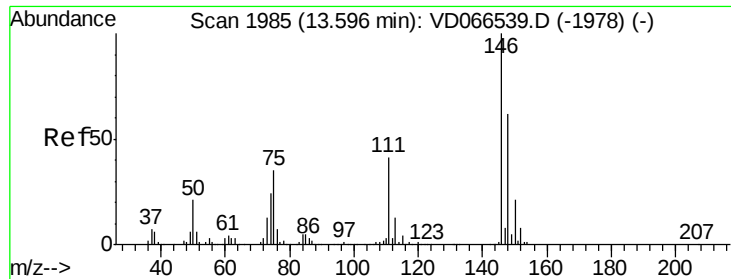
Tgt Ion:119 Resp: 11391
Ion Ratio Lower Upper
119 100
134 26.2 12.7 38.0
91 32.9 12.5 37.5



#87
1,3-Dichlorobenzene
Concen: 2.388 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VD066579.D
Acq: 09 Sep 2020 13:24

Tgt Ion:146 Resp: 1251
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.9#
148 59.2 32.1 96.3

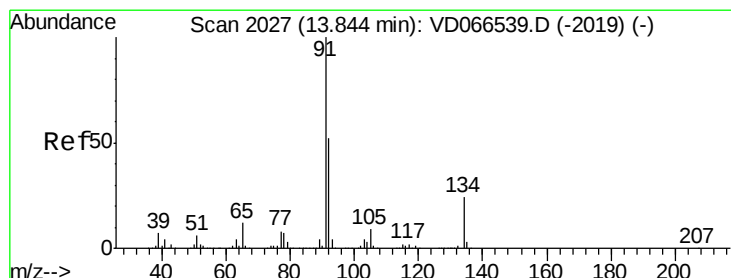
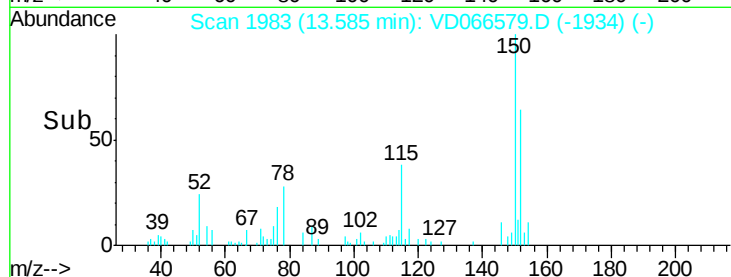
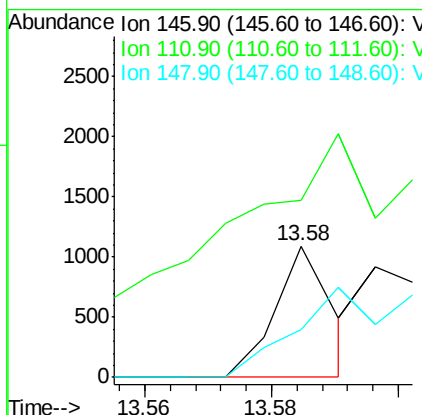
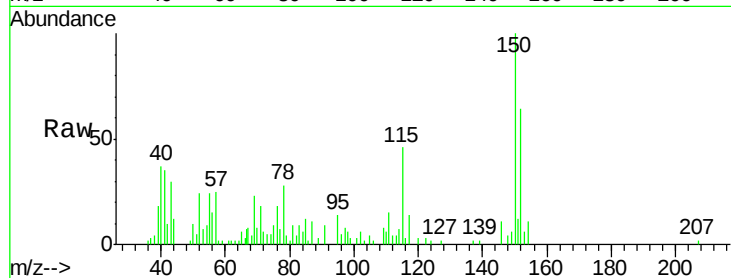




#88
 1,4-Dichlorobenzene
 Concen: 1.284 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: VD066579.D
 Acq: 09 Sep 2020 13:24

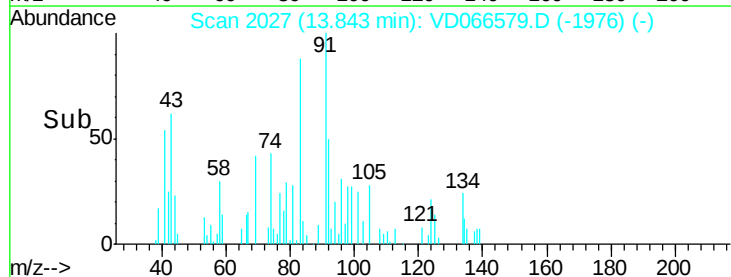
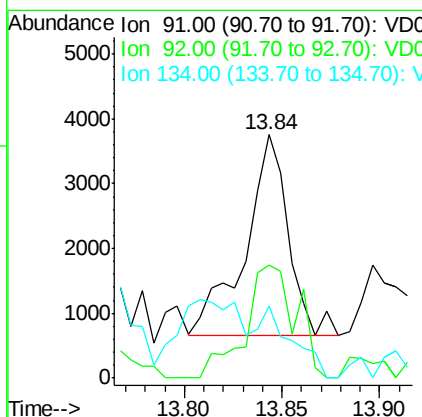
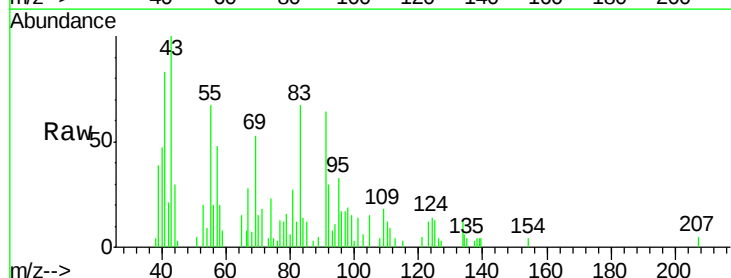
Instrument :
 MSVOA_D
 ClientSampleId :
 1495-96RE

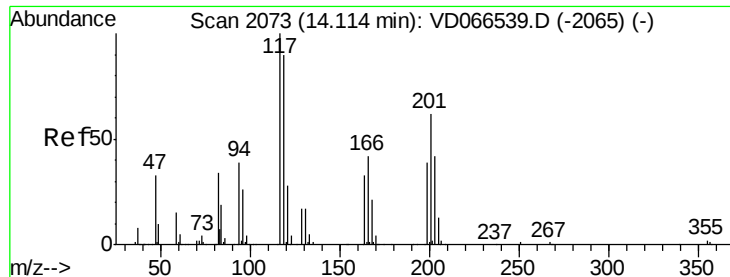
Tgt Ion:146 Resp: 675
 Ion Ratio Lower Upper
 146 100
 111 490.5 20.1 60.2#
 148 169.9 31.6 94.8#



#89
 n-Butylbenzene
 Concen: 4.649 ug/l
 RT: 13.84 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: VD066579.D
 Acq: 09 Sep 2020 13:24

Tgt Ion: 91 Resp: 4779
 Ion Ratio Lower Upper
 91 100
 92 65.9 26.5 79.5
 134 0.0 12.1 36.3#





#90

Hexachloroethane

Concen: 3.471 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

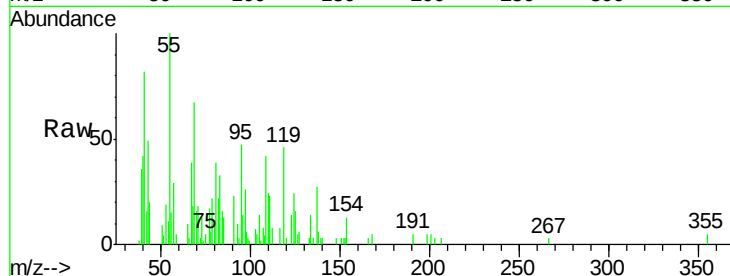
1495-96RE

Tgt Ion:117 Resp: 789

Ion Ratio Lower Upper

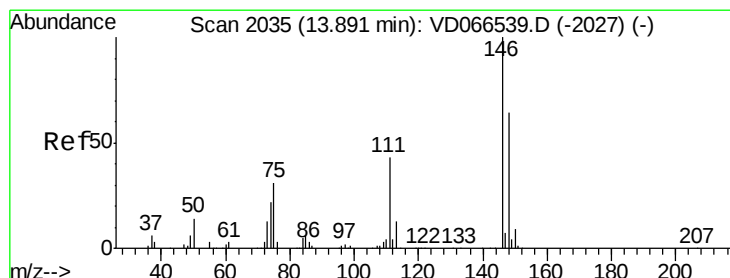
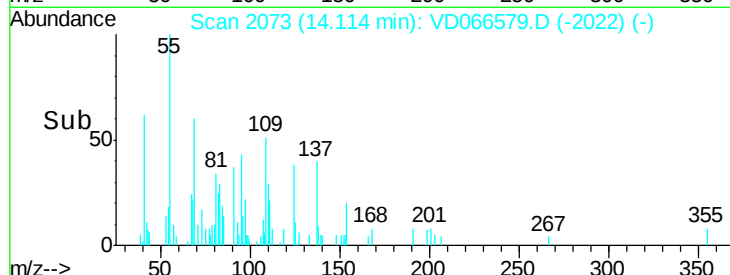
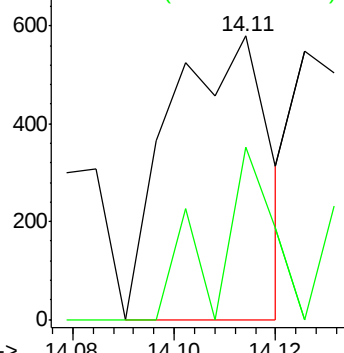
117 100

201 34.2 31.9 95.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 2.319 ug/l

RT: 13.88 min Scan# 2034

Delta R.T. -0.01 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

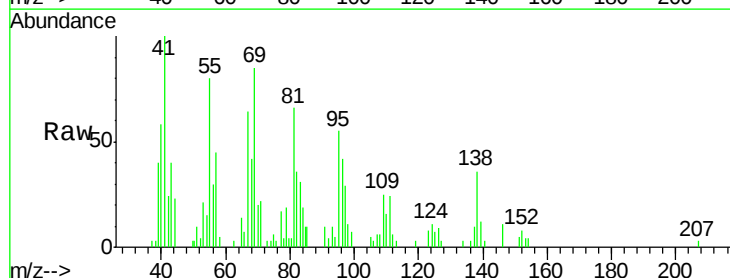
Tgt Ion:146 Resp: 1062

Ion Ratio Lower Upper

146 100

111 180.5 21.1 63.4#

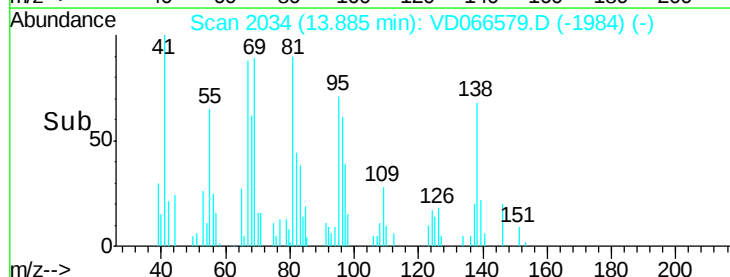
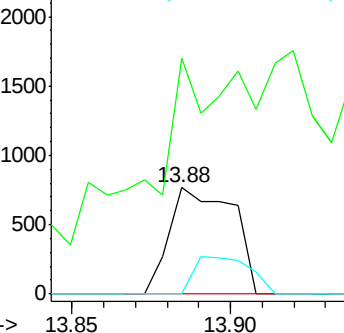
148 31.0 31.8 95.3#

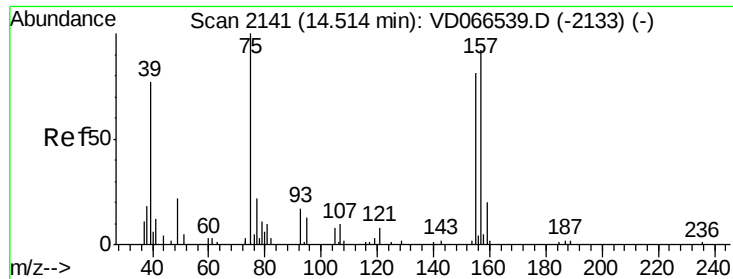


Abundance Ion 145.90 (145.60 to 146.60): V

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: 9.656 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.01 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

1495-96RE

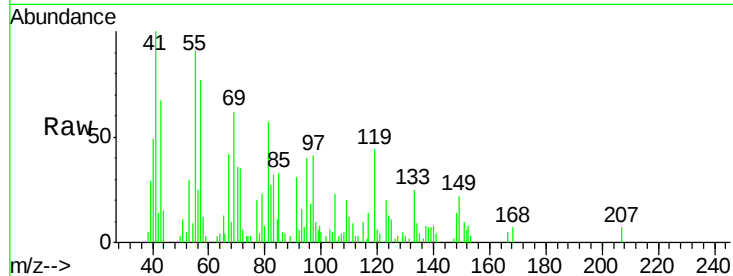
Tgt Ion: 75 Resp: 343

Ion Ratio Lower Upper

75 100

155 0.0 39.3 117.8#

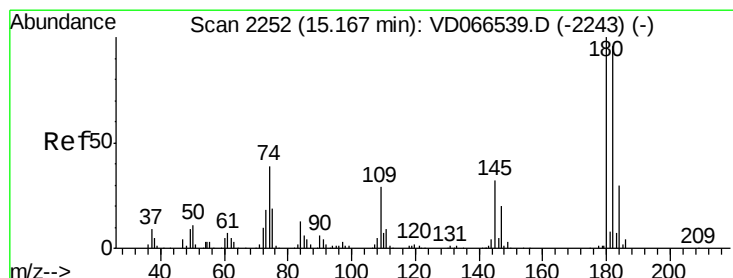
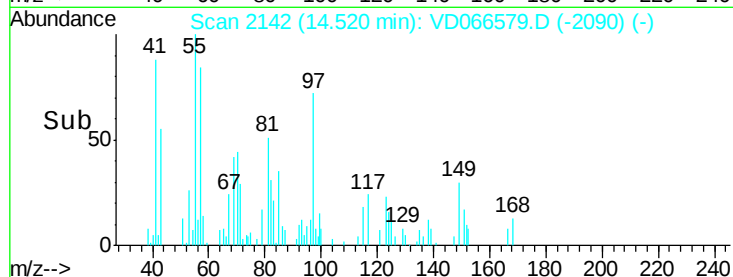
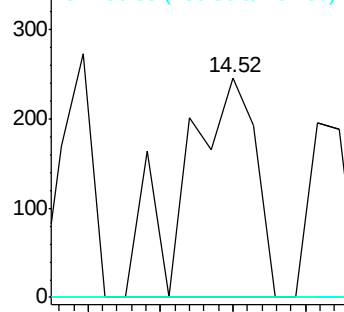
157 0.0 46.0 137.8#



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: 4.305 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

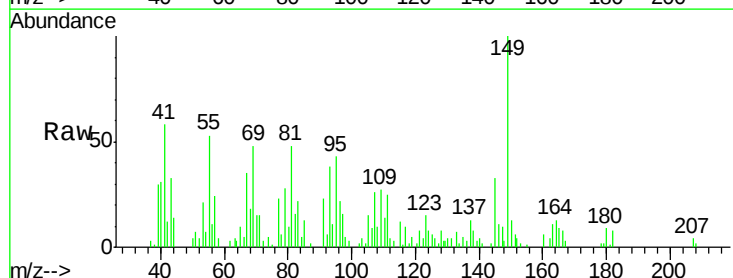
Tgt Ion: 180 Resp: 1183

Ion Ratio Lower Upper

180 100

182 199.2 48.4 145.0#

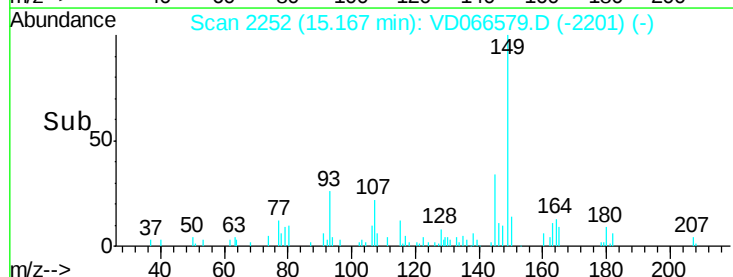
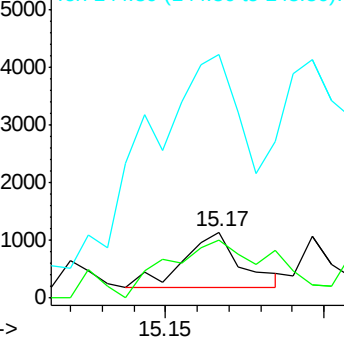
145 771.9 16.7 50.0#

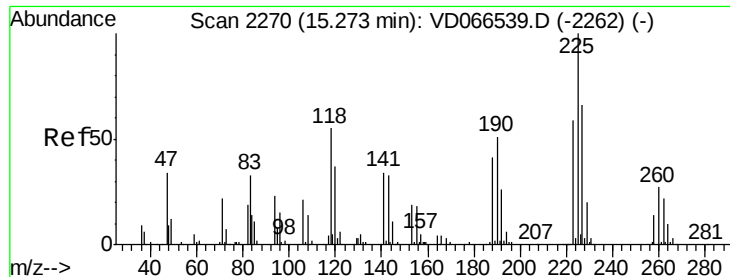


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 3.755 ug/l

RT: 15.28 min Scan# 2271

Delta R.T. 0.01 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

1495-96RE

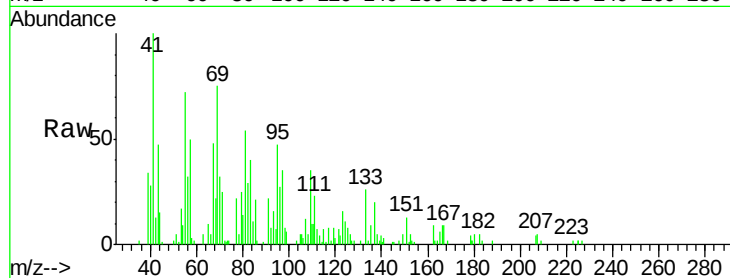
Tgt Ion:225 Resp: 620

Ion Ratio Lower Upper

225 100

223 0.0 30.5 91.5#

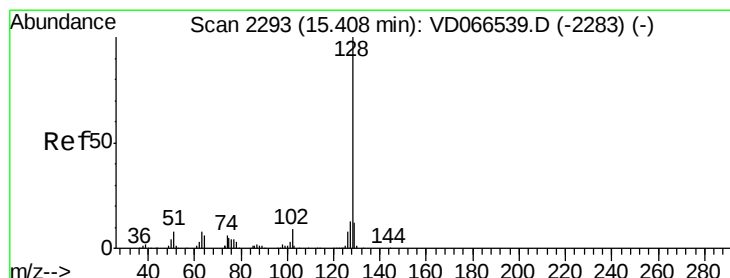
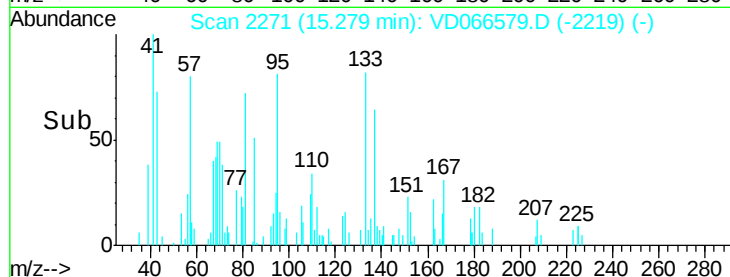
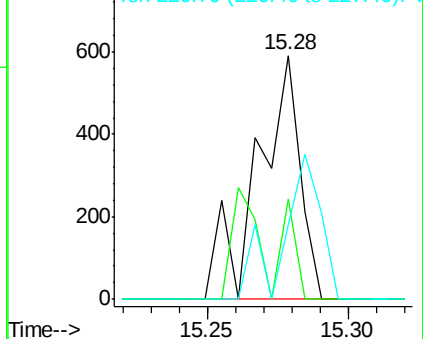
227 52.6 32.4 97.2



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: 24.990 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066579.D

Acq: 09 Sep 2020 13:24

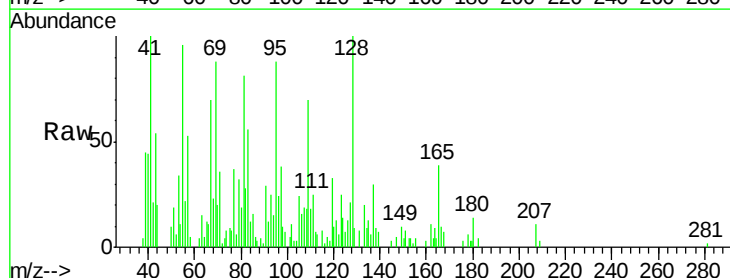
Tgt Ion:128 Resp: 12001

Ion Ratio Lower Upper

128 100

127 16.5 10.7 16.1#

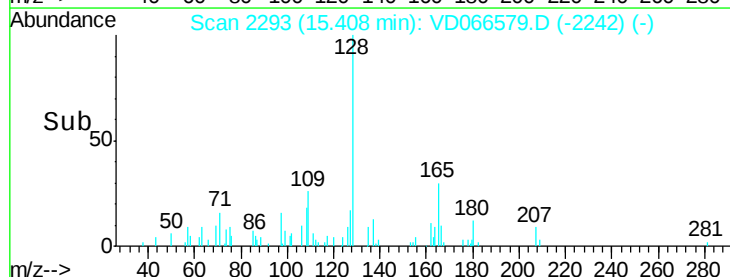
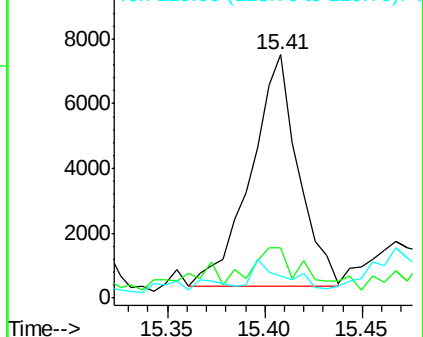
129 9.8 9.1 13.7

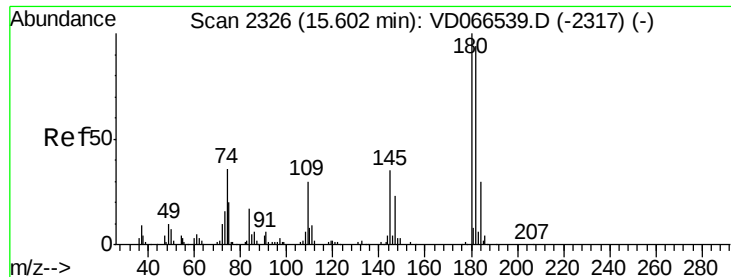


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 15.258 ug/l
 RT: 15.62 min Scan# 2329
 Delta R.T. 0.02 min
 Lab File: VD066579.D
 Acq: 09 Sep 2020 13:24

Instrument :
 MSVOA_D
 ClientSampleId :
 1495-96RE

Tgt Ion:180 Resp: 3575
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.6#
 145 0.0 17.3 51.7#

