

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066563.D
 Acq On : 04 Sep 2020 15:18
 Operator : VA/SY
 Sample : L3877-16
 Misc : 7.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Sep 05 03:47:24 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	393905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	686240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	631688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	329067	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	242447	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
35) Dibromofluoromethane	7.91	113	227072	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
50) Toluene-d8	10.34	98	892528	53.94	ug/l	0.00
Spiked Amount			Recovery	=	107.88%	
62) 4-Bromofluorobenzene	12.63	95	368106	67.09	ug/l	0.00
Spiked Amount			Recovery	=	134.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	224	Below Cal	#	46
5) Bromomethane	2.79	94	1105	Below Cal	#	62
10) Methyl Iodide	4.31	142	129	4.053	ug/l #	35
11) Tert butyl alcohol	5.20	59	93	Below Cal	#	74
13) Acrolein	3.88	56	255	1.309	ug/l #	16
14) Allyl chloride	4.83	41	8331	1.281	ug/l #	1
16) Acetone	4.16	43	18555	21.160	ug/l	91
17) Carbon Disulfide	4.41	76	68459	5.247	ug/l	97
20) Methylene Chloride	4.97	84	51843	4.875	ug/l	91
25) 2-Butanone	7.22	43	7203	6.119	ug/l #	64
31) Cyclohexane	7.98	56	35091	4.513	ug/l #	82
36) 1,1-Dichloropropene	7.97	75	35139	4.920	ug/l #	53
37) Ethyl Acetate	7.22	43	7203	2.533	ug/l #	74
38) Carbon Tetrachloride	7.97	117	45035	5.966	ug/l #	18
39) Methylcyclohexane	9.35	83	141476	17.740	ug/l	96
40) Benzene	8.34	78	317321	16.223	ug/l	97
41) Methacrylonitrile	7.73	41	16053	11.662	ug/l #	1
48) Methyl methacrylate	9.54	41	6091	2.210	ug/l #	25
52) Toluene	10.40	92	18125	1.464	ug/l	93
55) 1,1,2-Trichloroethane	10.77	97	91362	26.184	ug/l #	21
56) Ethyl methacrylate	10.68	69	48565	11.954	ug/l #	1
59) 2-Hexanone	10.95	43	152995	82.776	ug/l #	31
67) Ethyl Benzene	11.74	91	312300	13.045	ug/l	97
68) m/p-Xylenes	11.85	106	44266	4.980	ug/l	84
69) o-Xylene	12.18	106	31494	3.954	ug/l	62
73) Isopropylbenzene	12.48	105	471535	19.354	ug/l	99
74) N-amyl acetate	12.27	43	480235	87.029	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.70	83	77910	18.101	ug/l #	25
76) 1,2,3-Trichloropropane	12.92	75	11730	3.706	ug/l #	100
78) n-propylbenzene	12.82	91	105834	3.583	ug/l	93
79) 2-Chlorotoluene	12.91	91	251885	15.202	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.91	105	1659110	80.908	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.48	75	7606	5.611	ug/l #	2
82) 4-Chlorotoluene	12.91	91	251885	14.216	ug/l #	43

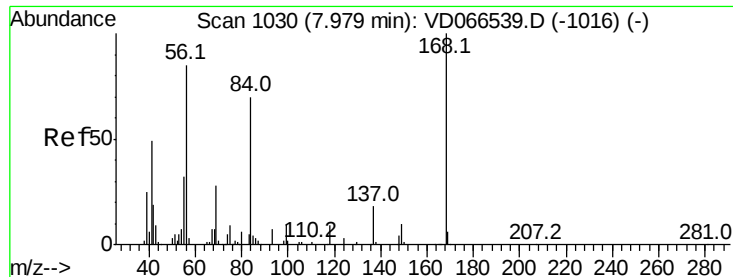
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066563.D
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.23	119	91203	5.446	ug/l	87
84) 1,2,4-Trimethylbenzene	13.27	105	58157	2.849	ug/l	98
85) sec-Butylbenzene	13.40	105	379342	15.723	ug/l	80
86) p-Isopropyltoluene	13.52	119	118859	5.474	ug/l	98
89) n-Butylbenzene	13.82	91	294039	13.895	ug/l #	1
90) Hexachloroethane	14.13	117	566825	121.145	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.53	75	9040	12.364	ug/l #	7
95) Naphthalene	15.41	128	317902	32.161	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.62	180	15681	3.252	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: VD066563.D

Acq: 04 Sep 2020 15:18

Instrument :

MSVOA_D

ClientSampleId :

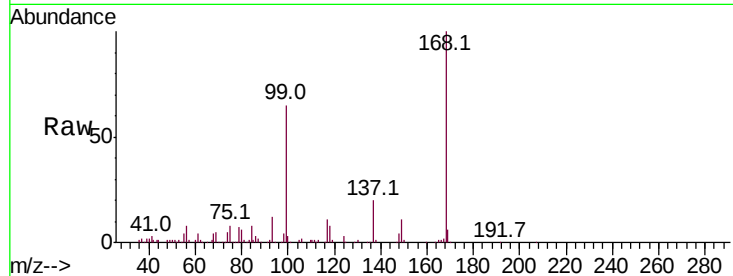
TP-4

Tot Ion:168 Resp: 393905

Ion Ratio Lower Upper

168 100

99 65.1 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

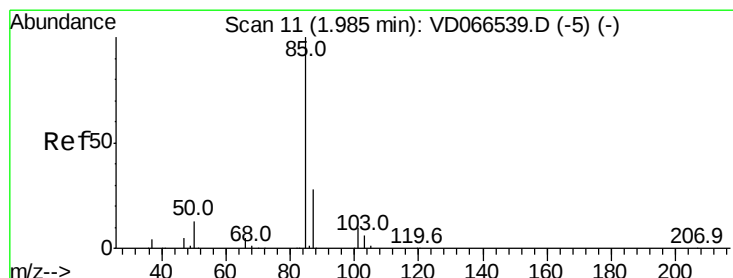
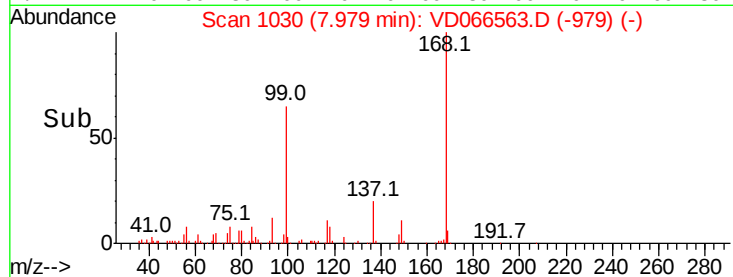
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 10

Delta R.T. -0.01 min

Lab File: VD066563.D

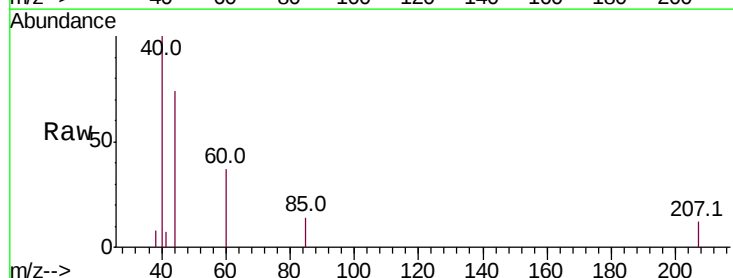
Acq: 04 Sep 2020 15:18

Tgt Ion: 85 Resp: 224

Ion Ratio Lower Upper

85 100

87 0.0 14.2 42.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

500

400

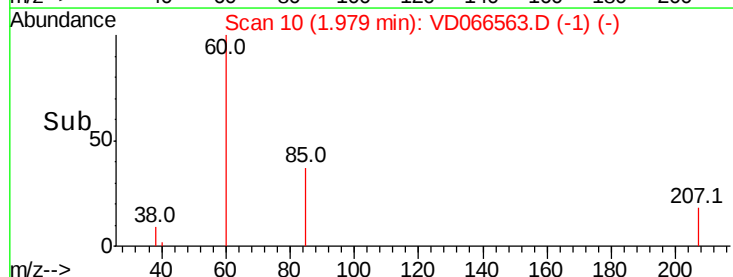
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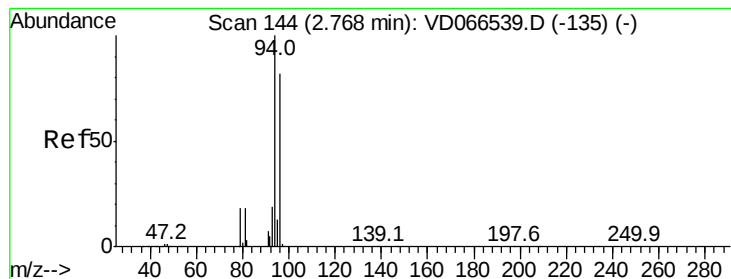
200

100

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 147

Delta R.T. 0.02 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Instrument :

MSVOA_D

ClientSampleId :

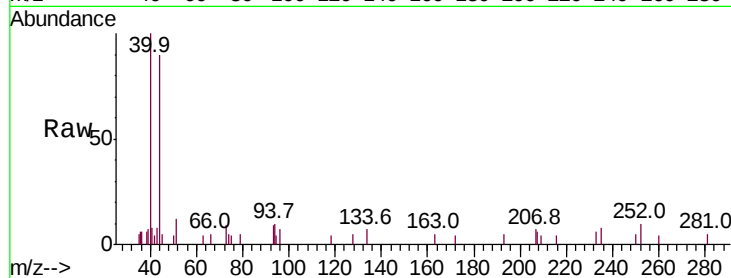
TP-4

Tot Ion: 94 Resp: 1105

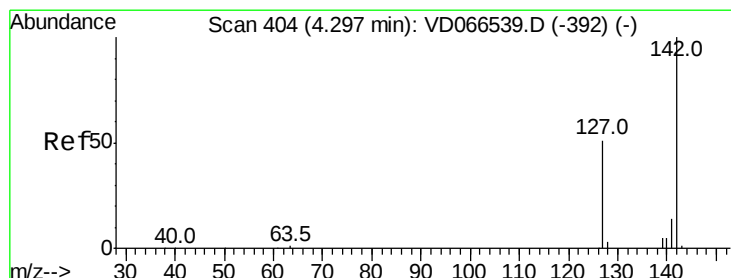
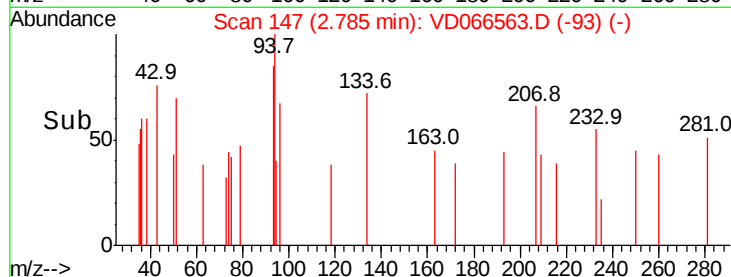
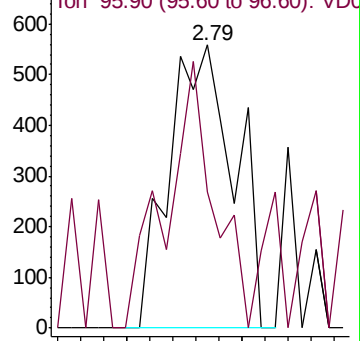
Ion Ratio Lower Upper

94 100

96 48.0 65.2 97.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC



#10

Methyl Iodide

Concen: 4.053 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

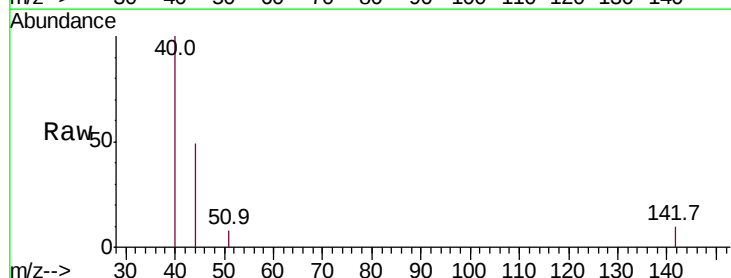
Tgt Ion: 142 Resp: 129

Ion Ratio Lower Upper

142 100

127 0.0 40.6 61.0#

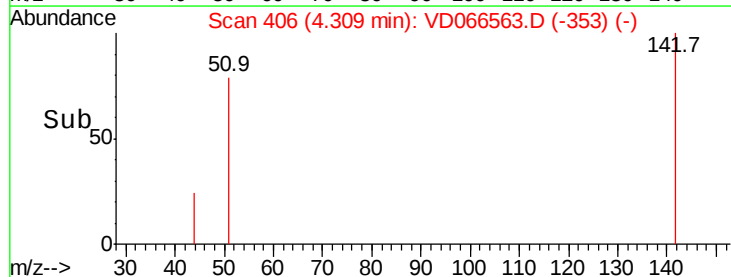
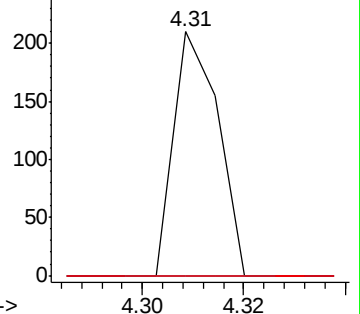
141 0.0 12.2 18.4#

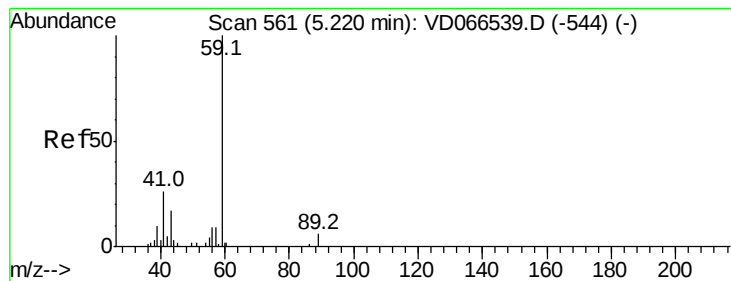


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



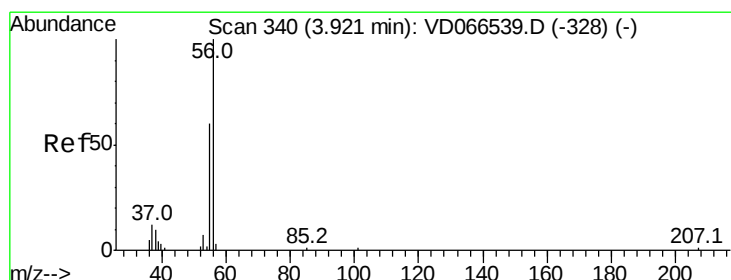
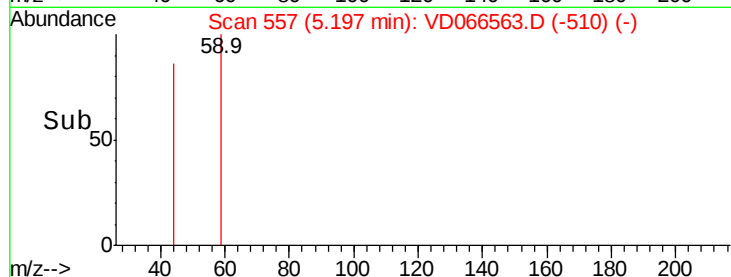
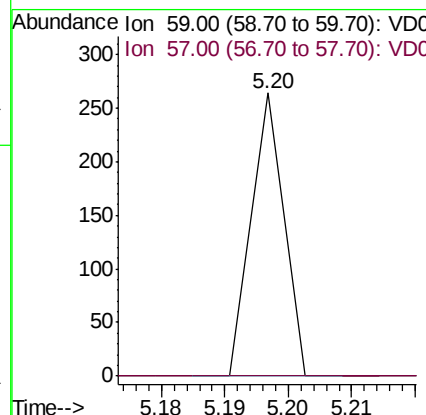
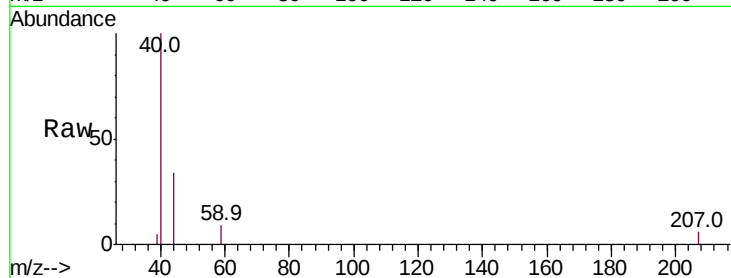


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD066563.D
 Acq: 04 Sep 2020 15:18

Instrument :
 MSVOA_D
 ClientSampled :
 TP-4

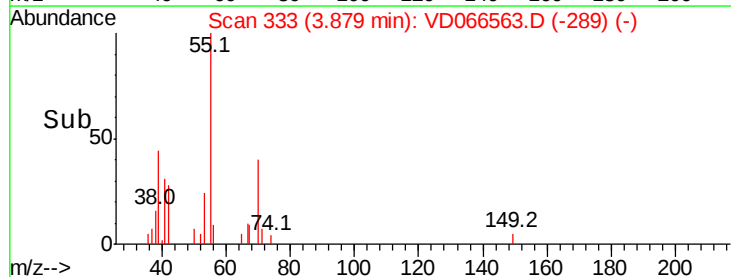
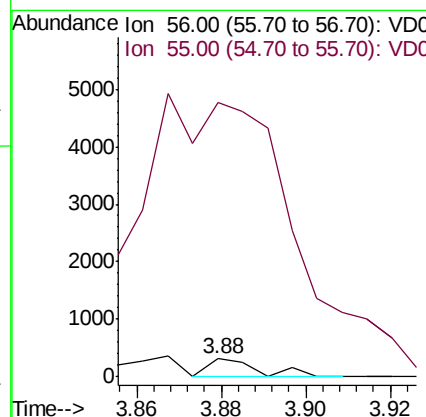
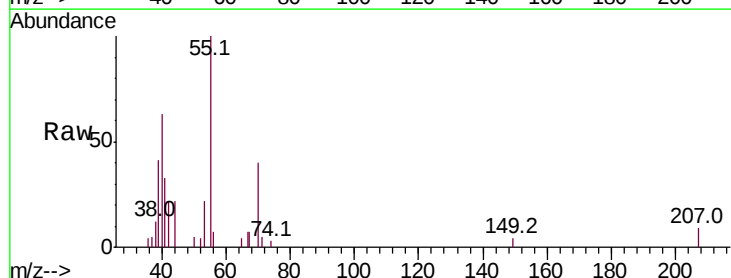
Tot Ion: 59 Resp: 93
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.6 11.4#

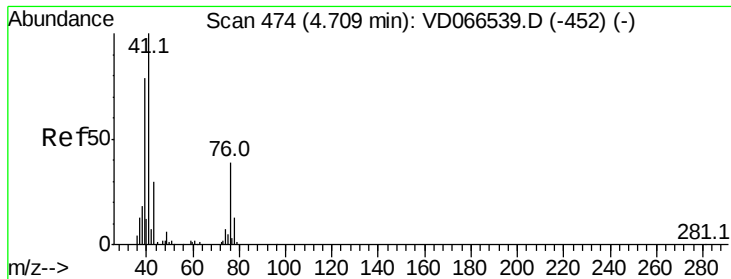


#13

Acrolein
 Concen: 1.309 ug/l
 RT: 3.88 min Scan# 333
 Delta R.T. -0.04 min
 Lab File: VD066563.D
 Acq: 04 Sep 2020 15:18

Tgt Ion: 56 Resp: 255
 Ion Ratio Lower Upper
 56 100
 55 0.0 53.6 80.4#





#14

Allv1 chloride

Concen: 1.281 ug/l

RT: 4.83 min Scan# 494

Delta R.T. 0.12 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Instrument :

MSVOA_D

ClientSampled :

TP-4

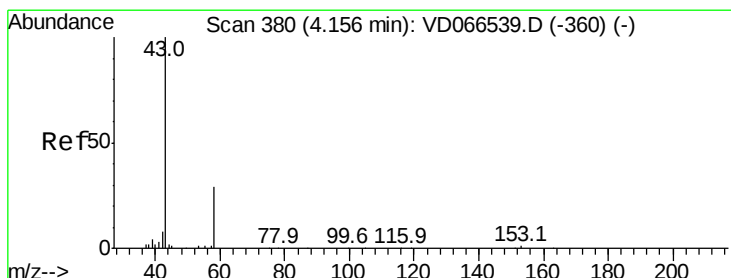
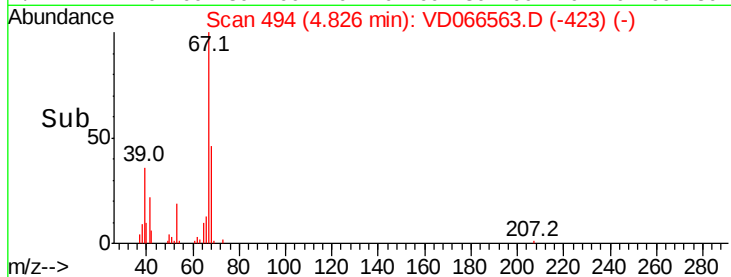
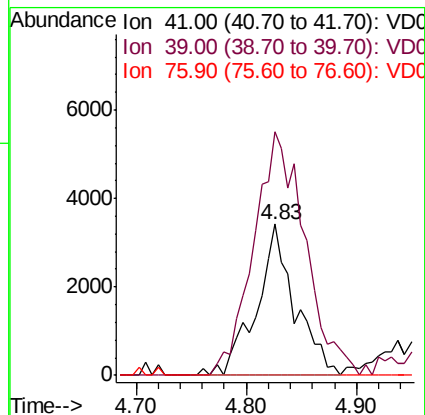
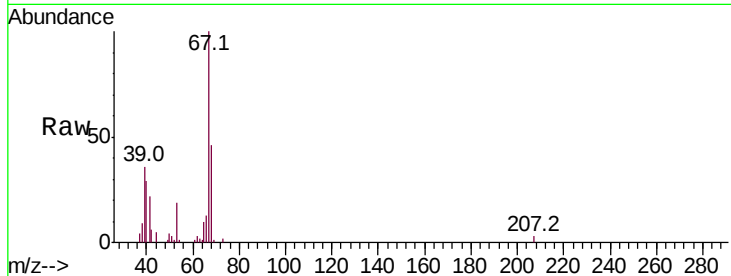
Tot Ion: 41 Resp: 8331

Ion Ratio Lower Upper

41 100

39 213.8 61.9 92.9#

76 0.0 29.0 43.6#



#16

Acetone

Concen: 21.160 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066563.D

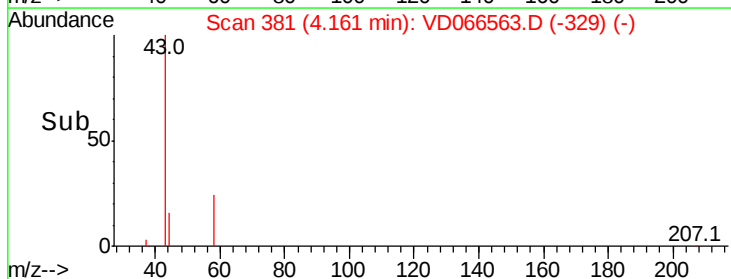
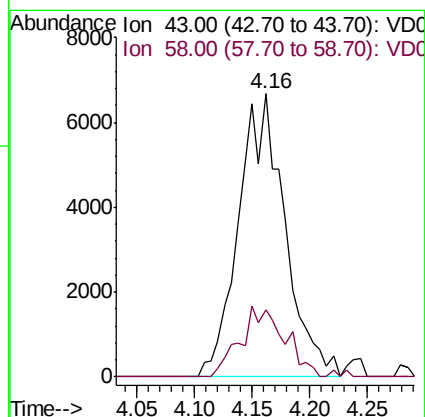
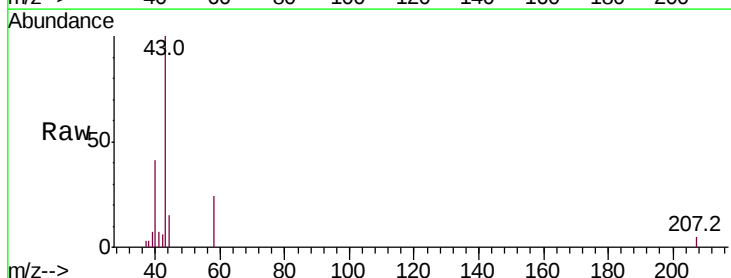
Acq: 04 Sep 2020 15:18

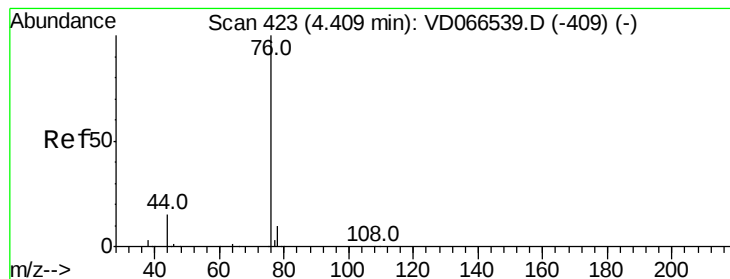
Tgt Ion: 43 Resp: 18555

Ion Ratio Lower Upper

43 100

58 23.6 22.9 34.3





#17

Carbon Disulfide

Concen: 5.247 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Instrument :

MSVOA_D

ClientSampled :

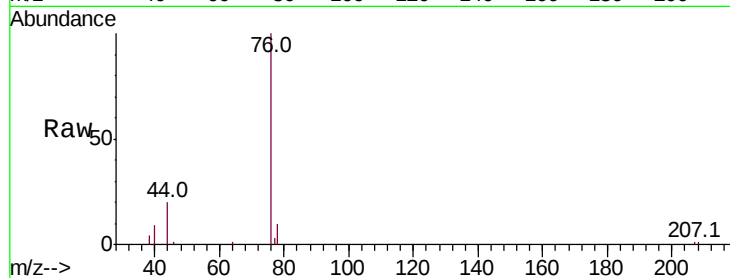
TP-4

Tot Ion: 76 Resp: 68459

Ion Ratio Lower Upper

76 100

78 10.5 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

25000

20000

15000

10000

5000

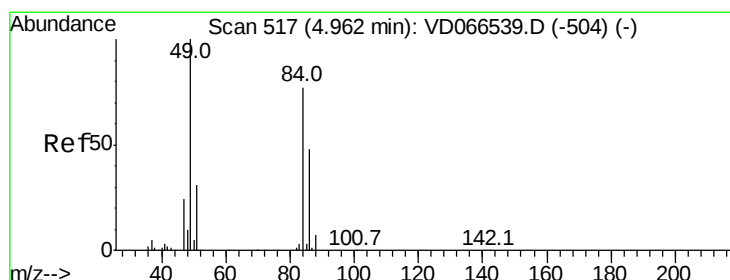
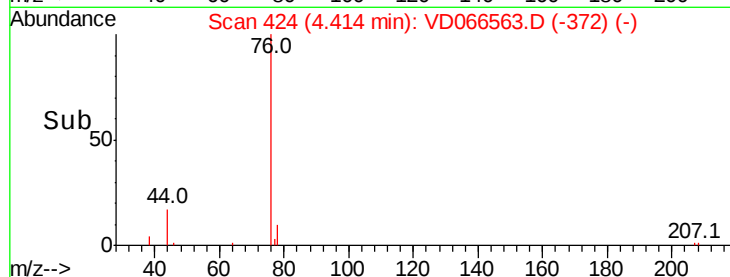
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Time-->

4.30

4.40

4.50



#20

Methylene Chloride

Concen: 4.875 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Tgt Ion: 84 Resp: 51843

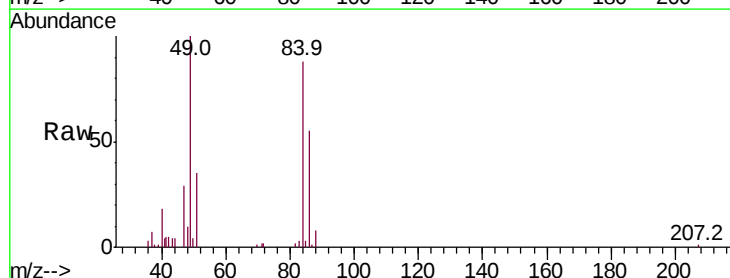
Ion Ratio Lower Upper

84 100

49 113.0 104.3 156.5

51 38.8 32.2 48.4

86 62.5 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

30000

25000

20000

15000

10000

5000

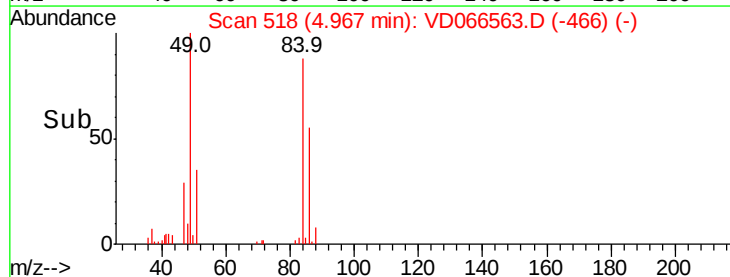
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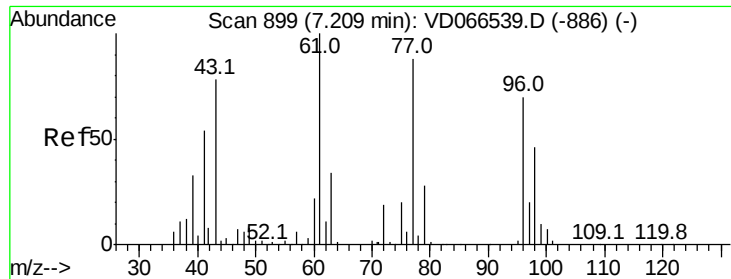
Time-->

4.90

5.00

5.10





#25

2-Butanone

Concen: 6.119 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Instrument :

MSVOA_D

ClientSampled :

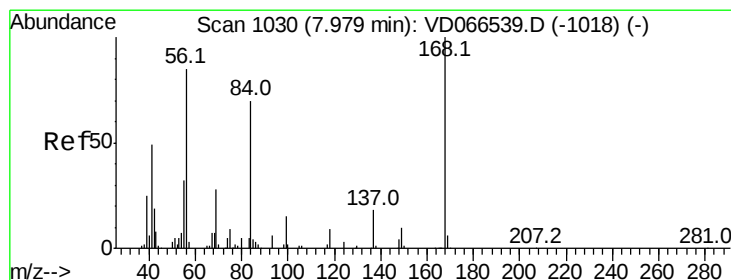
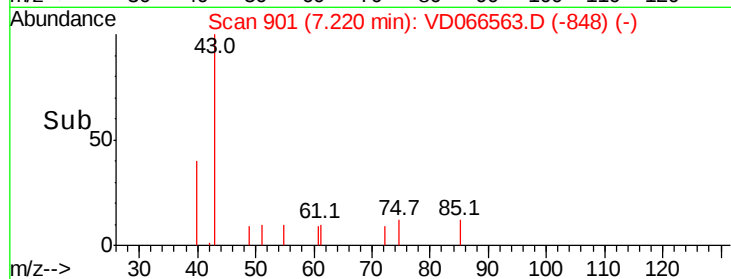
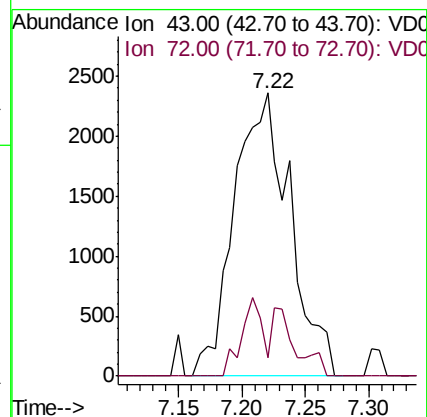
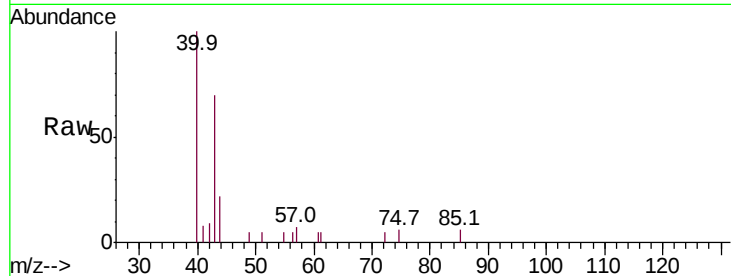
TP-4

Tot Ion: 43 Resp: 7203

Ion Ratio Lower Upper

43 100

72 6.6 19.8 29.6#



#31

Cyclohexane

Concen: 4.513 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

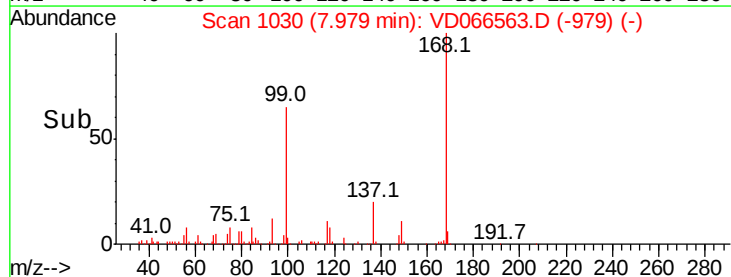
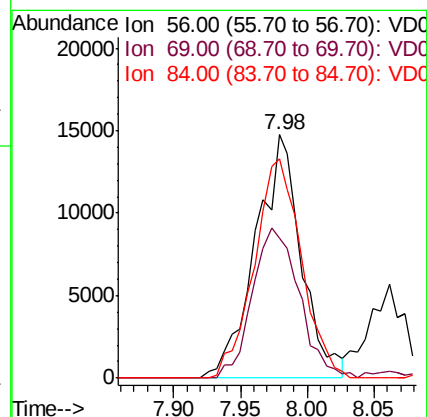
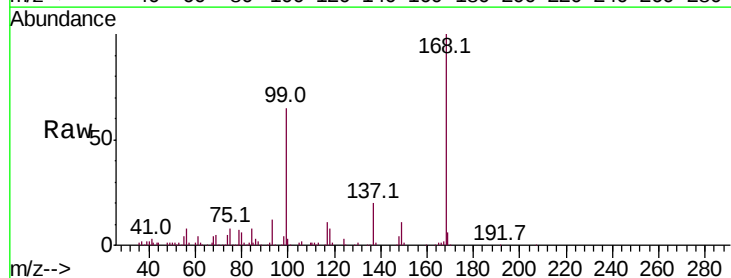
Tgt Ion: 56 Resp: 35091

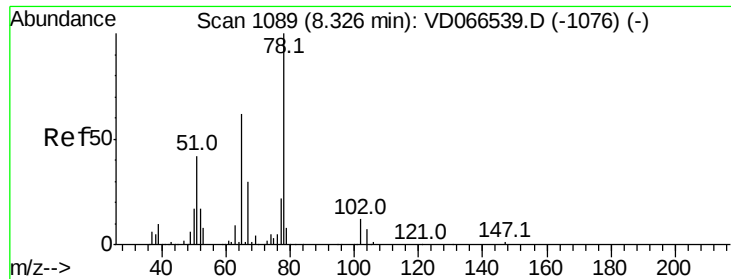
Ion Ratio Lower Upper

56 100

69 57.4 26.3 39.5#

84 90.1 66.1 99.1

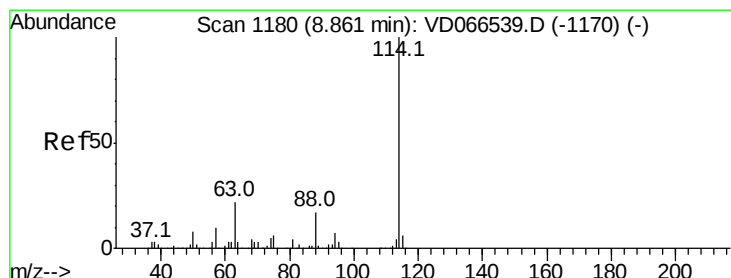
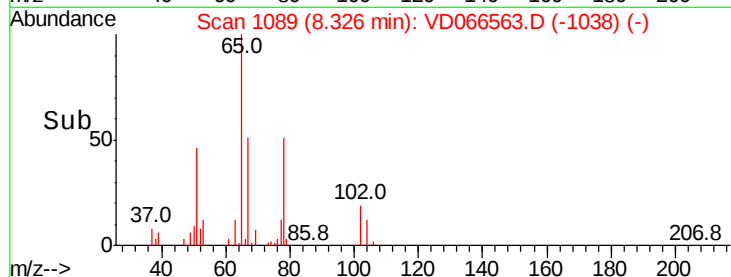
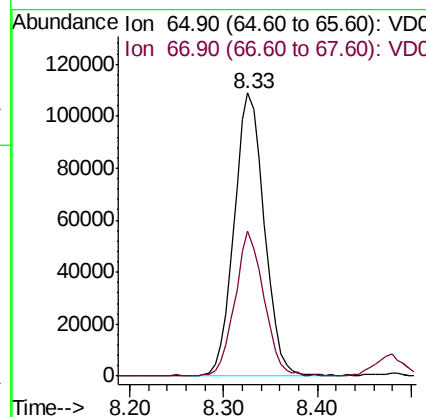
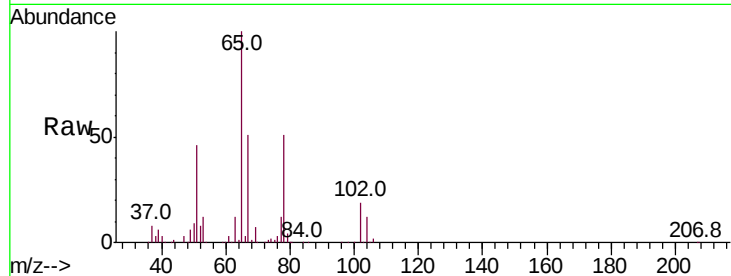




#33
 1,2-Dichloroethane-d4
 Concen: 50.871 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066563.D
 Acq: 04 Sep 2020 15:18

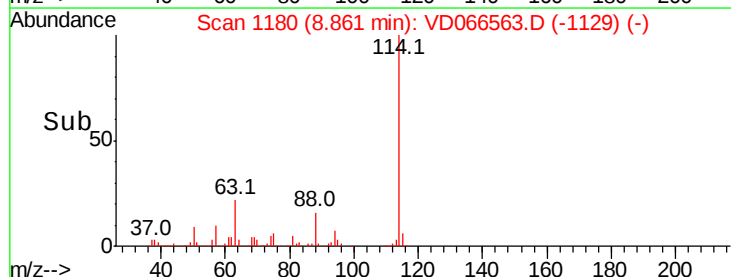
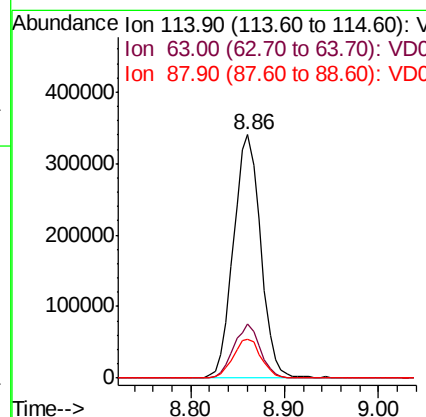
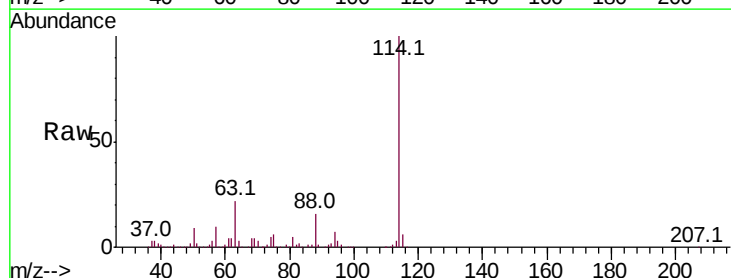
Instrument :
 MSVOA_D
 ClientSampled :
 TP-4

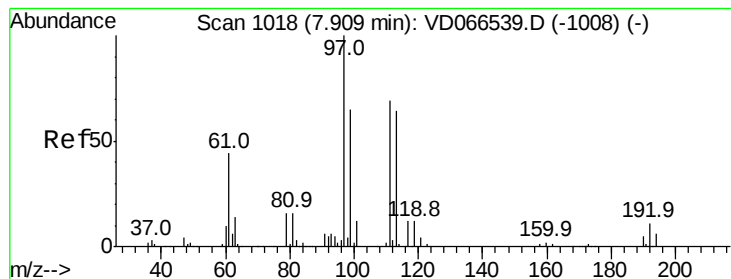
Tot Ion: 65 Resp: 242447
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066563.D
 Acq: 04 Sep 2020 15:18

Tgt Ion: 114 Resp: 686240
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.2
 88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.050 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Instrument :

MSVOA_D

ClientSampleId :

TP-4

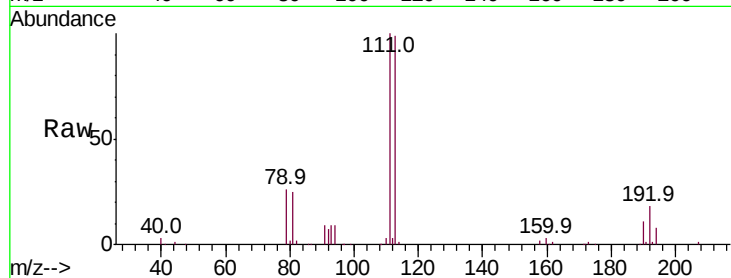
Tot Ion:113 Resp: 227072

Ion Ratio Lower Upper

113 100

111 101.9 83.2 124.8

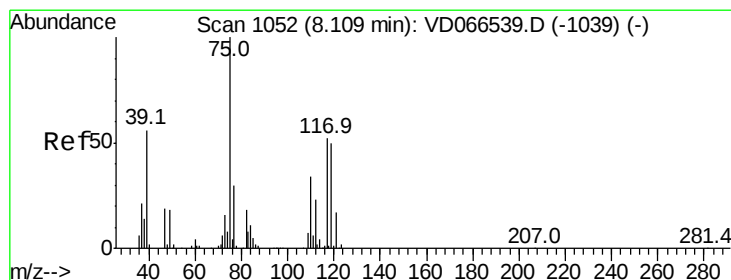
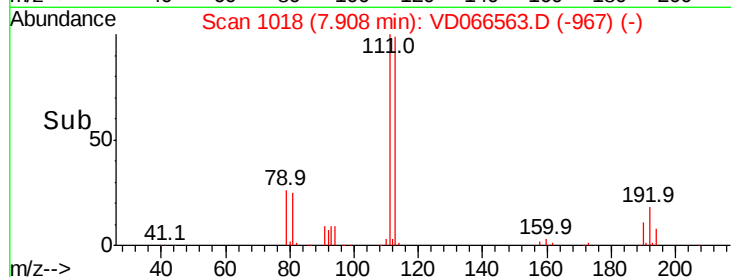
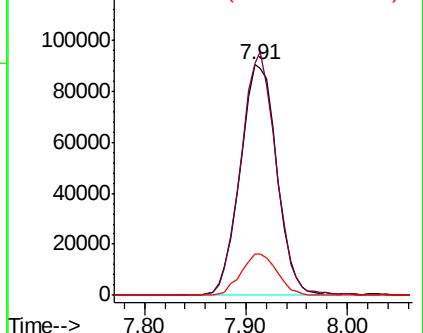
192 17.7 13.7 20.5



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



#36

1,1-Dichloropropene

Concen: 4.920 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

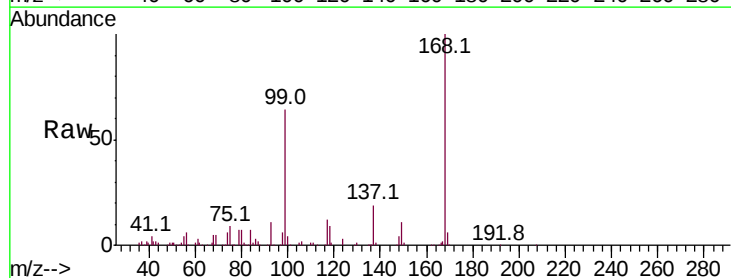
Tgt Ion: 75 Resp: 35139

Ion Ratio Lower Upper

75 100

110 12.1 17.3 52.0#

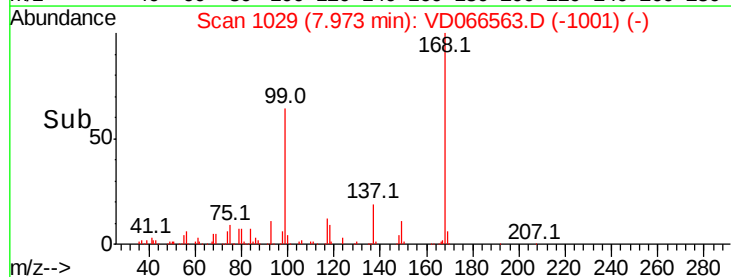
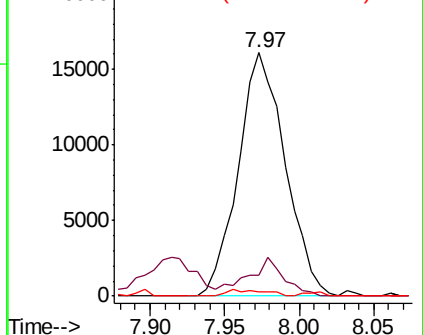
77 0.0 25.1 37.7#

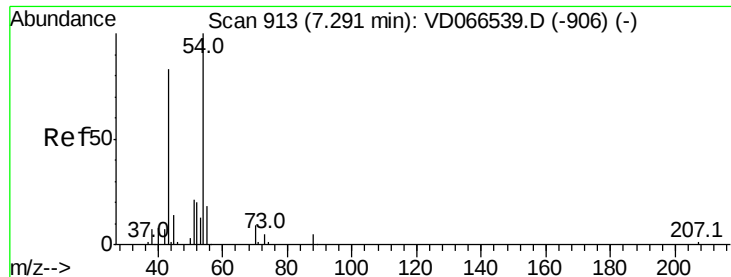


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 2.533 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.07 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Instrument :

MSVOA_D

ClientSampleId :

TP-4

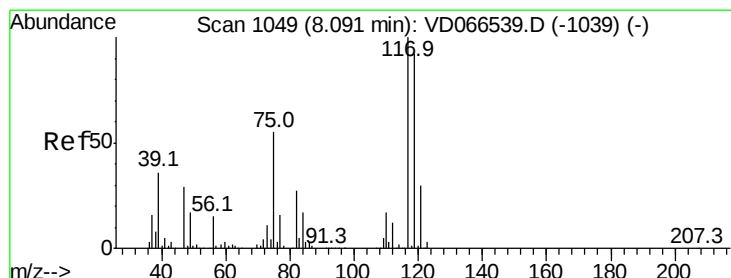
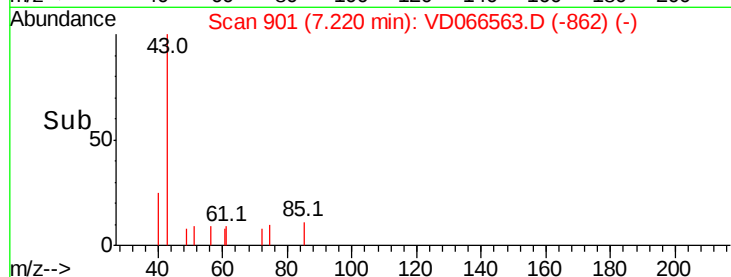
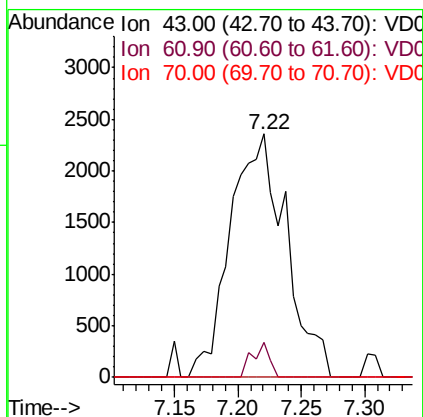
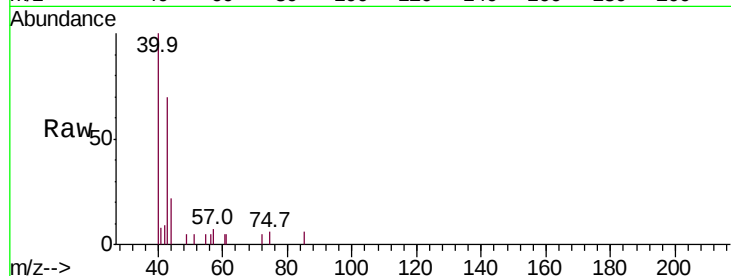
Tot Ion: 43 Resp: 7203

Ion Ratio Lower Upper

43 100

61 4.5 11.8 17.8#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 5.966 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

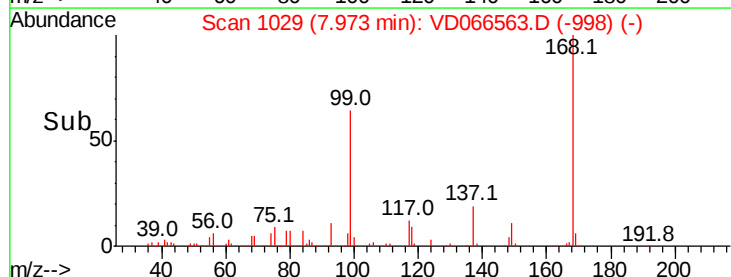
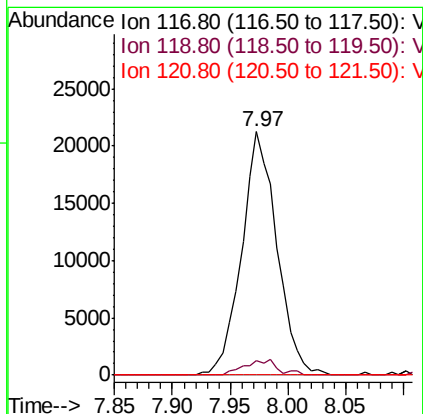
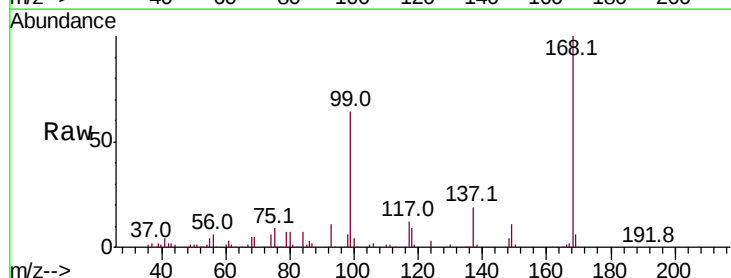
Tgt Ion: 117 Resp: 45035

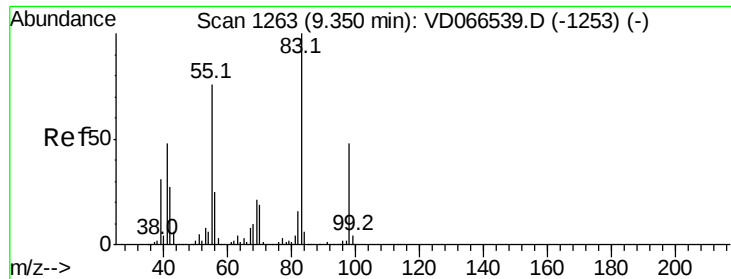
Ion Ratio Lower Upper

117 100

119 5.8 73.9 110.9#

121 0.0 24.1 36.1#

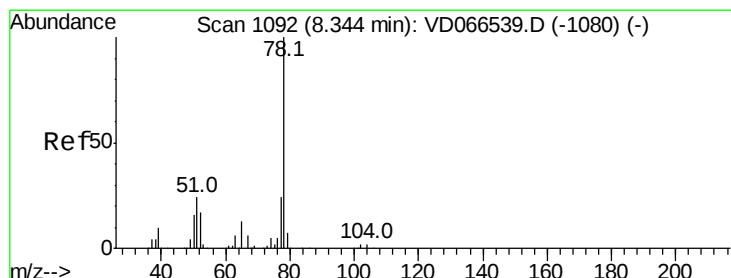
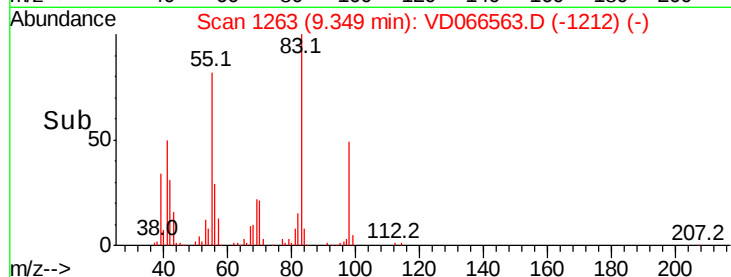
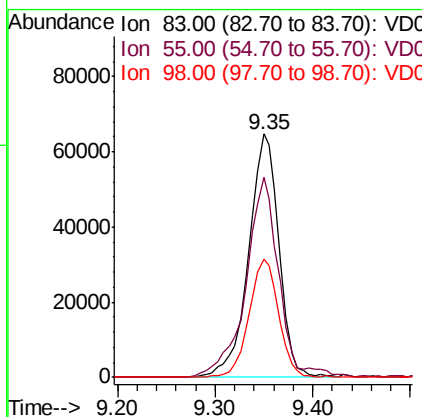
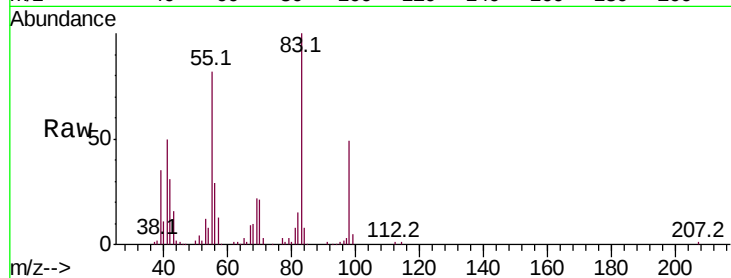




#39
Methvlcvclohexane
Concen: 17.740 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066563.D
Acq: 04 Sep 2020 15:18

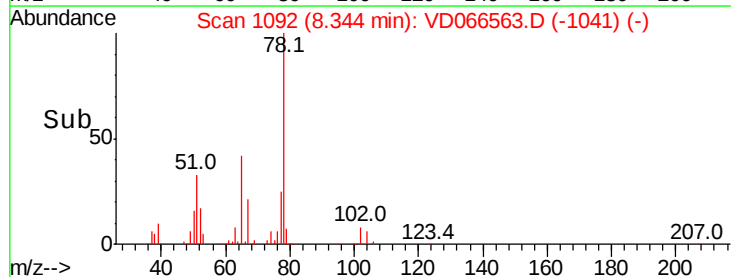
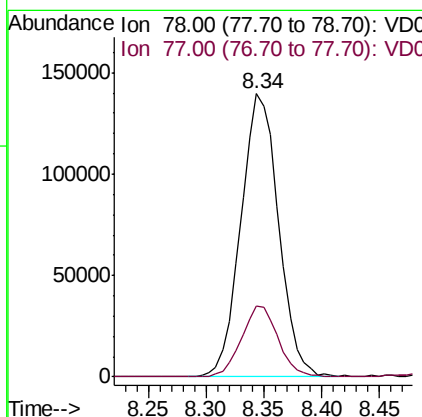
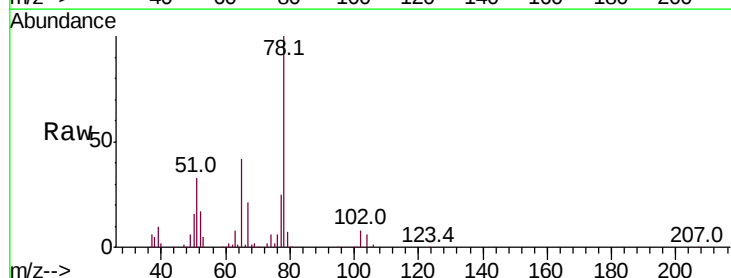
Instrument :
MSVOA_D
ClientSampleId :
TP-4

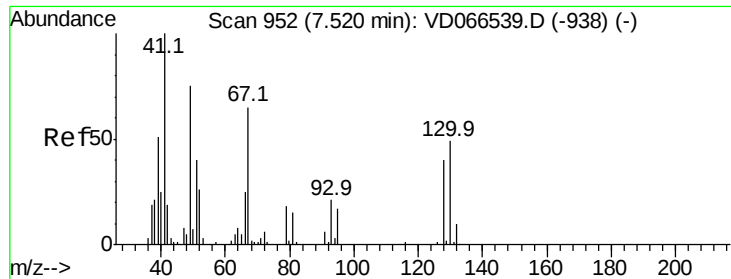
Tot Ion: 83 Resp: 141476
Ion Ratio Lower Upper
83 100
55 81.9 60.8 91.2
98 48.6 38.6 58.0



#40
Benzene
Concen: 16.223 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066563.D
Acq: 04 Sep 2020 15:18

Tgt Ion: 78 Resp: 317321
Ion Ratio Lower Upper
78 100
77 25.3 19.1 28.7

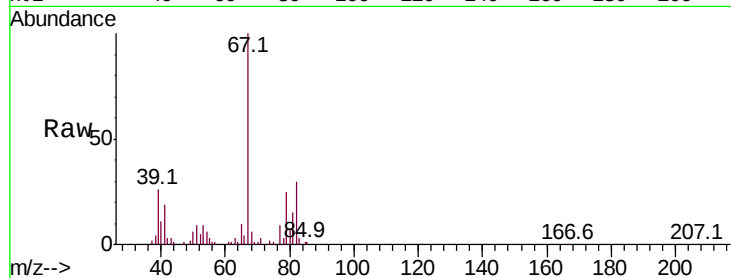




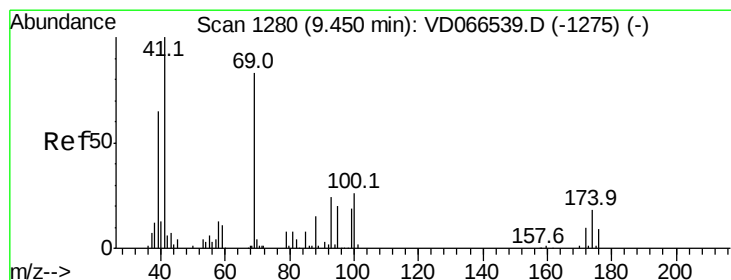
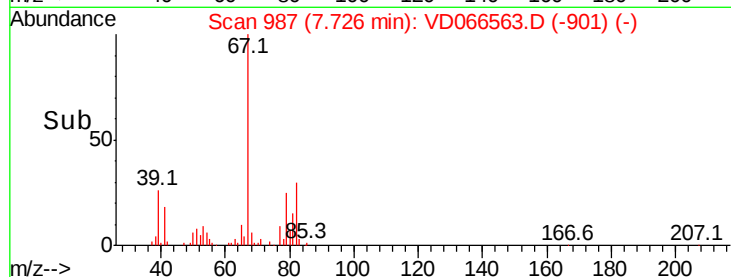
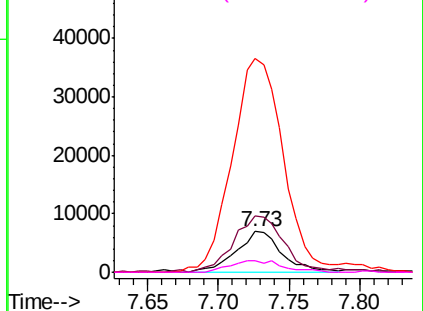
#41
Methacrylonitrile
Concen: 11.662 ug/l
RT: 7.73 min Scan# 987
Delta R.T. 0.21 min
Lab File: VD066563.D
Acq: 04 Sep 2020 15:18

Instrument :
MSVOA_D
ClientSampled :
TP-4

Tot Ion: 41 Resp: 16053
Ion Ratio Lower Upper
41 100
39 152.3 53.6 80.4#
67 572.1 59.2 88.8#
52 31.4 26.8 40.2

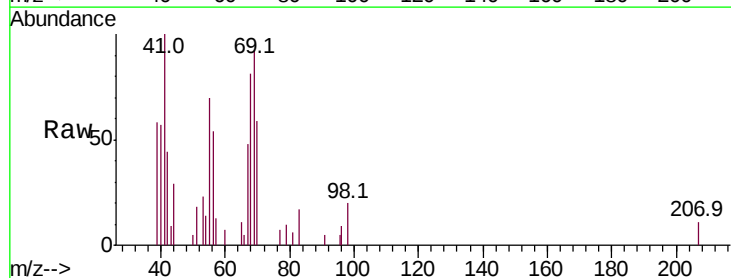


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

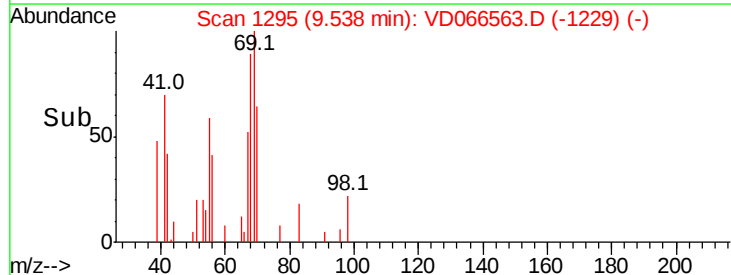
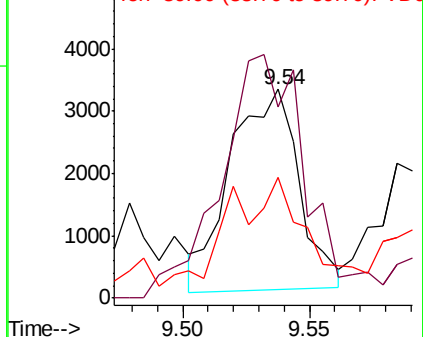


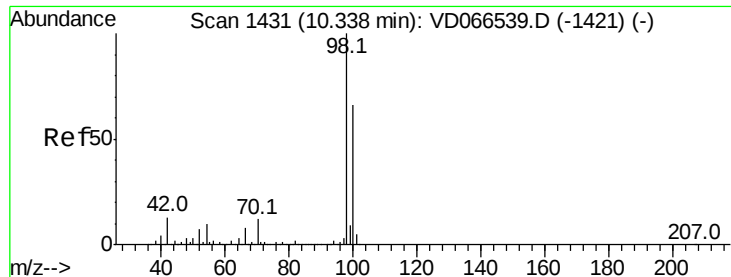
#48
Methyl methacrylate
Concen: 2.210 ug/l
RT: 9.54 min Scan# 1295
Delta R.T. 0.09 min
Lab File: VD066563.D
Acq: 04 Sep 2020 15:18

Tgt Ion: 41 Resp: 6091
Ion Ratio Lower Upper
41 100
69 144.8 64.5 96.7#
39 0.0 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

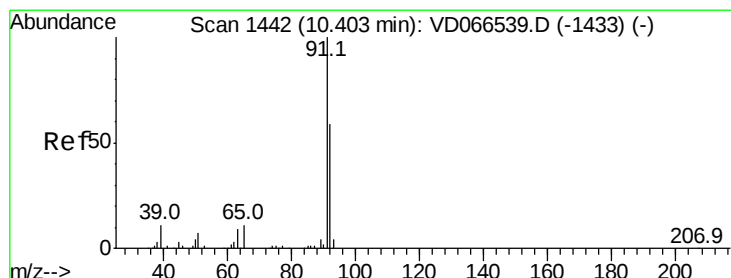
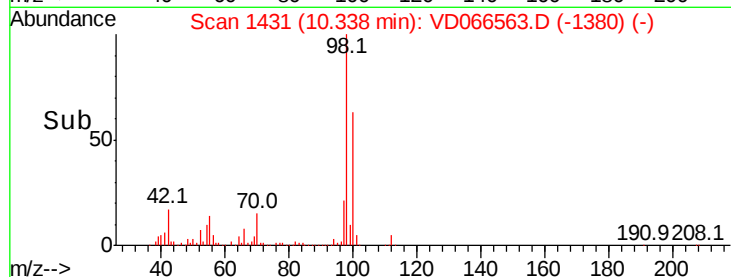
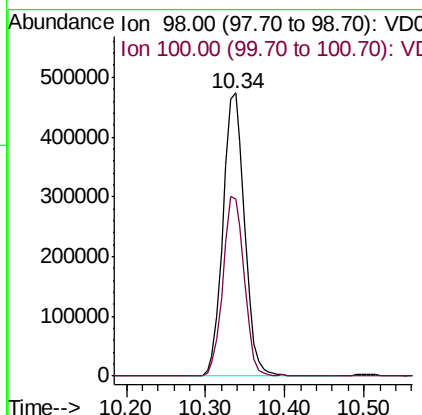
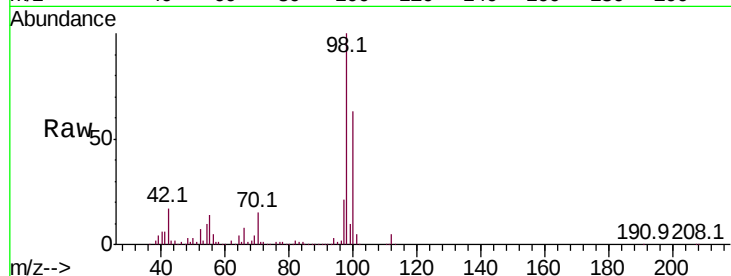




#50
Toluene-d8
Concen: 53.941 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066563.D
Acq: 04 Sep 2020 15:18

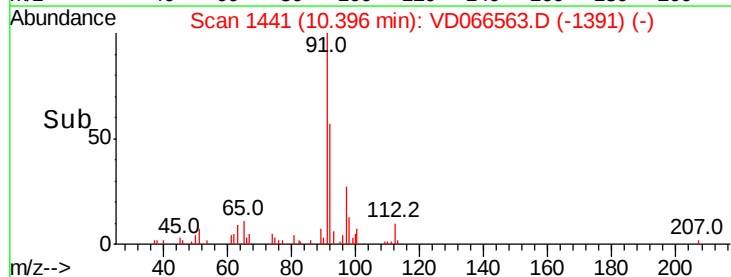
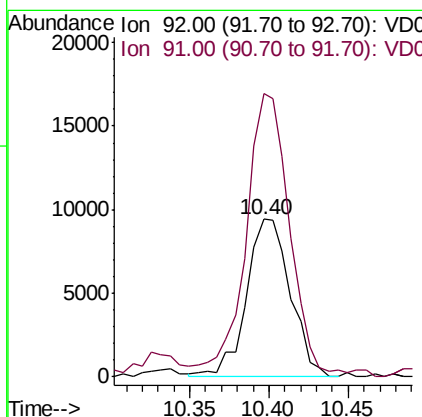
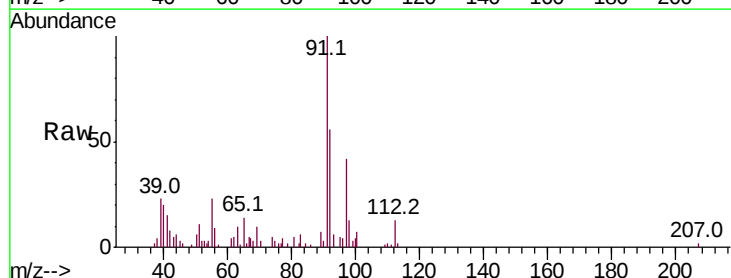
Instrument :
MSVOA_D
ClientSampled :
TP-4

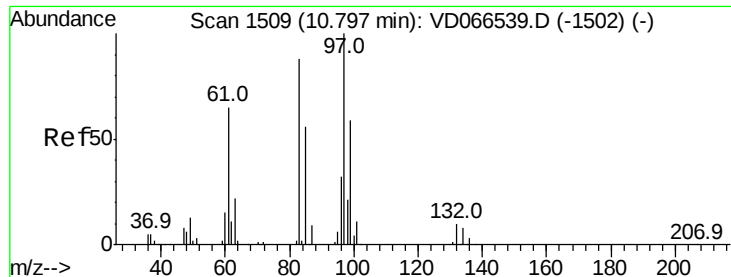
Tot Ion: 98 Resp: 892528
Ion Ratio Lower Upper
98 100
100 62.7 52.9 79.3



#52
Toluene
Concen: 1.464 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066563.D
Acq: 04 Sep 2020 15:18

Tgt Ion: 92 Resp: 18125
Ion Ratio Lower Upper
92 100
91 181.4 137.4 206.2





#55

1,1,2-Trichloroethane

Concen: 26.184 ug/l

RT: 10.77 min Scan# 1505

Delta R.T. -0.02 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Instrument :

MSVOA_D

ClientSampled :

TP-4

Tot Ion: 97 Resp: 91362

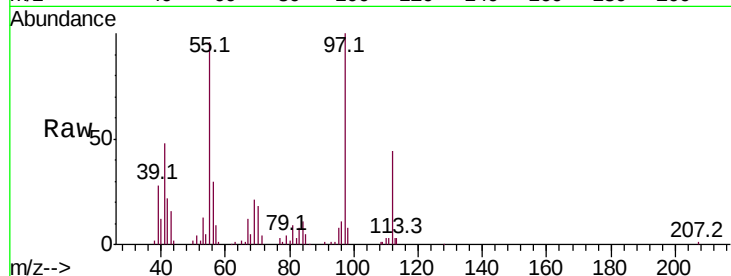
Ion Ratio Lower Upper

97 100

83 8.2 70.1 105.1#

85 5.0 44.5 66.7#

99 0.0 47.1 70.7#

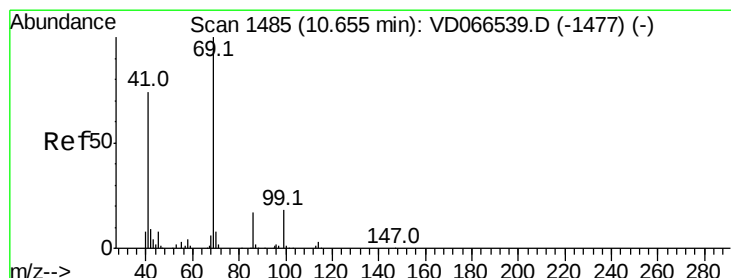
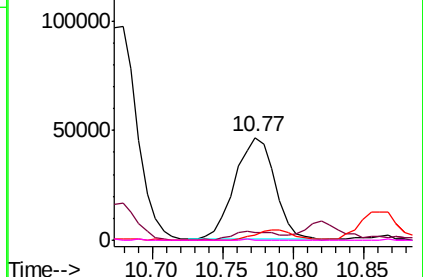
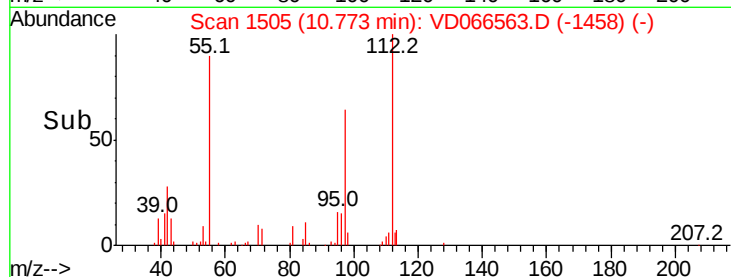


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 11.954 ug/l

RT: 10.68 min Scan# 1489

Delta R.T. 0.02 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

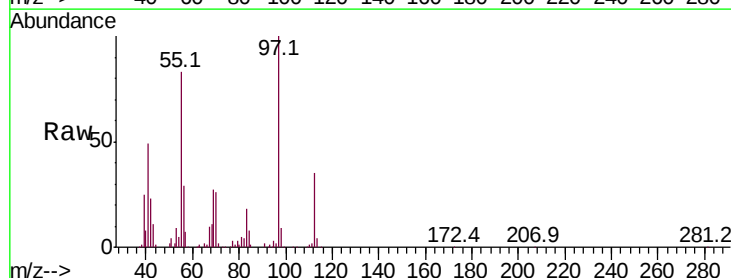
Tgt Ion: 69 Resp: 48565

Ion Ratio Lower Upper

69 100

41 221.3 56.8 85.2#

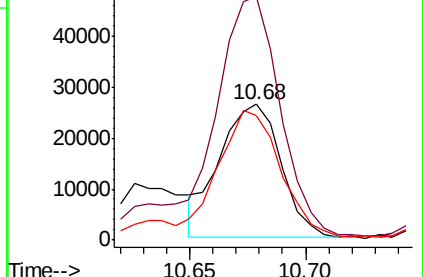
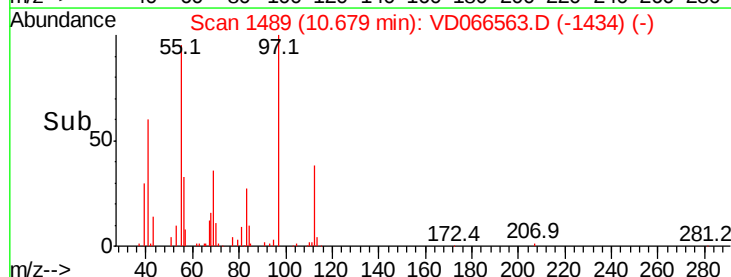
39 115.0 30.6 46.0#

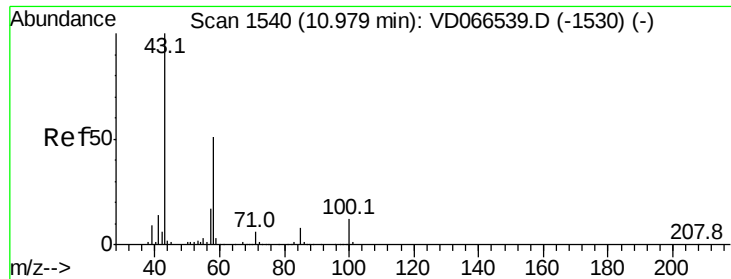


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#59

2-Hexanone

Concen: 82.776 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.03 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Instrument :

MSVOA_D

ClientSampleId :

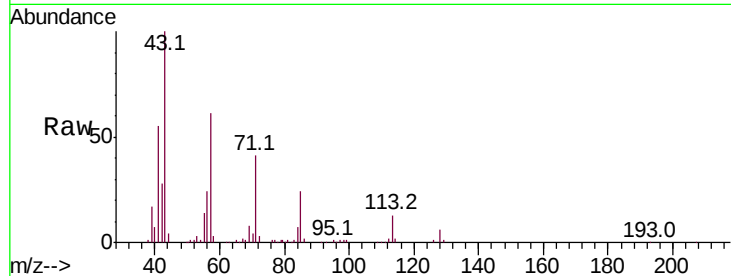
TP-4

Tot Ion: 43 Resp: 152995

Ion Ratio Lower Upper

43 100

58 3.0 25.6 76.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.95

80000

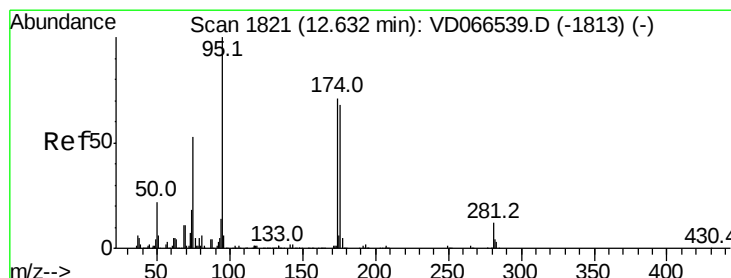
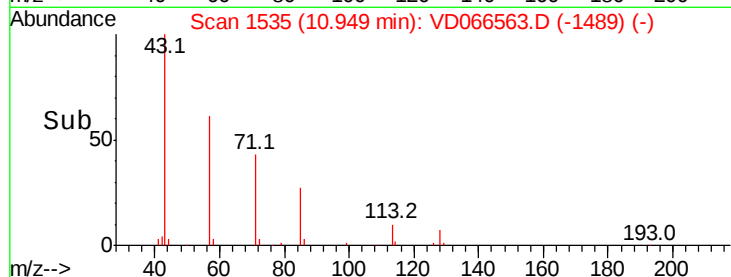
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 67.092 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

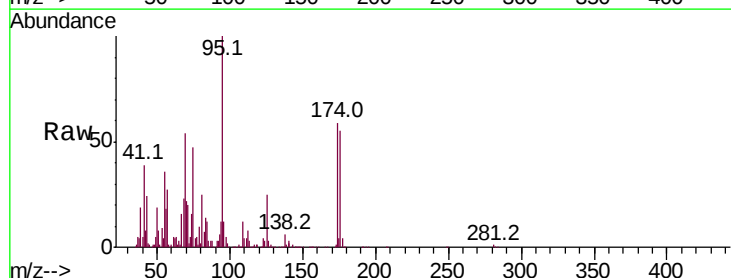
Tgt Ion: 95 Resp: 368106

Ion Ratio Lower Upper

95 100

174 58.6 0.0 155.8

176 56.1 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

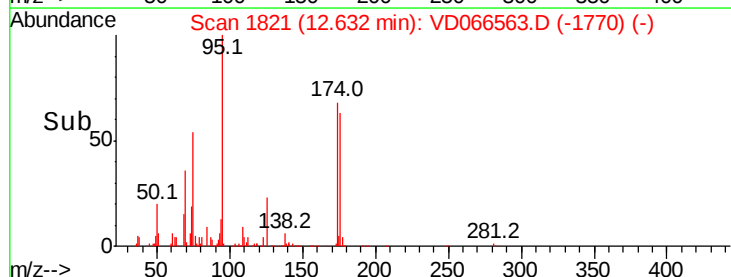
150000

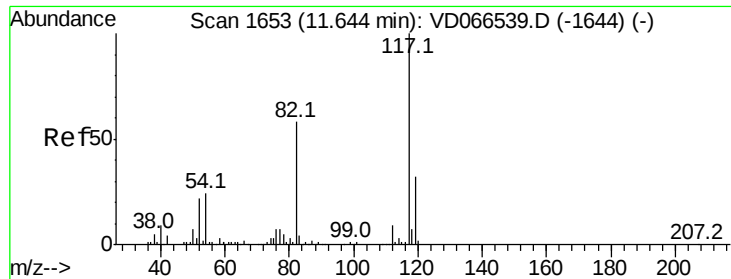
100000

50000

0

Time-->

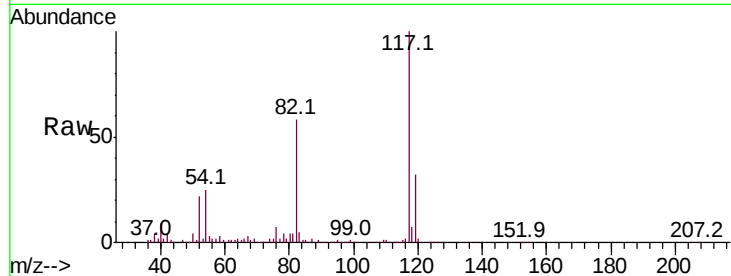




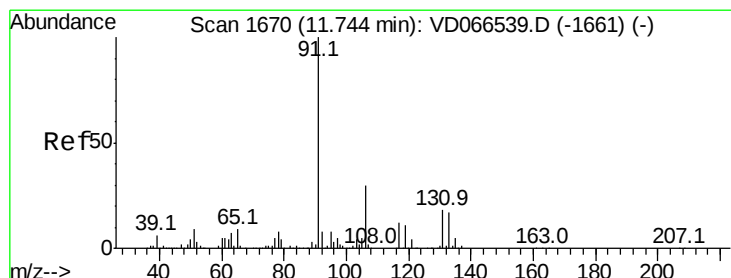
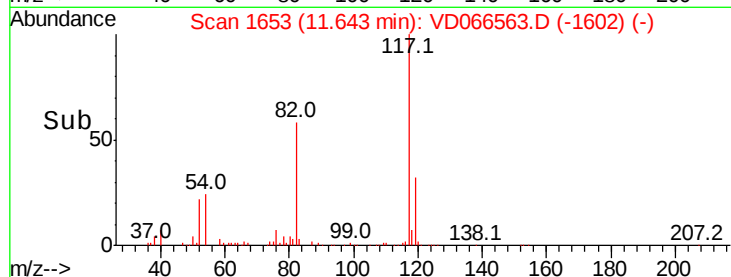
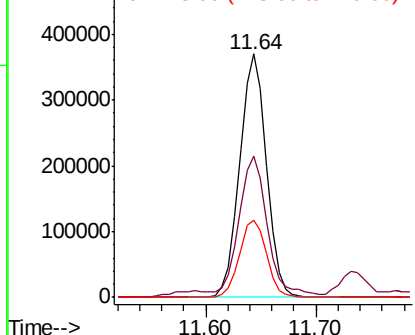
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066563.D
Acq: 04 Sep 2020 15:18

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tot Ion:117 Resp: 631688
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.2
119 31.5 25.8 38.8

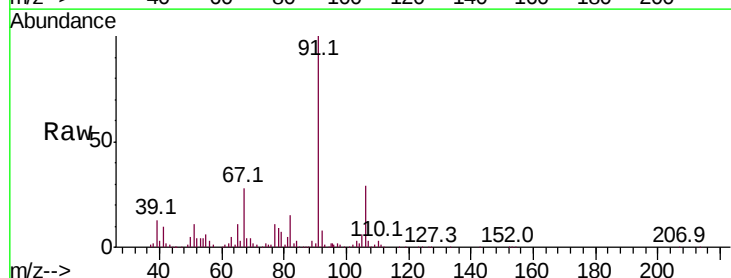


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VDC
Ion 118.90 (118.60 to 119.60): V

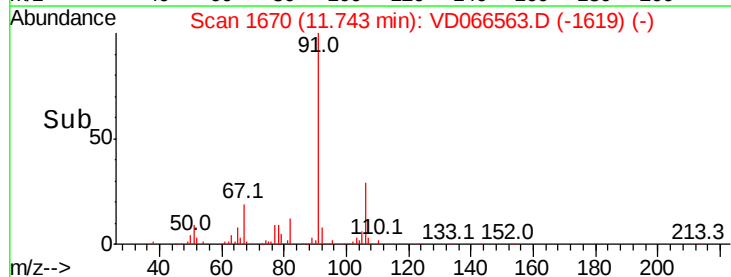
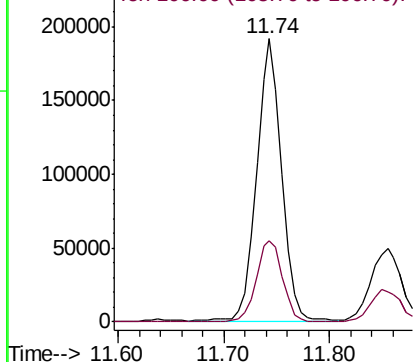


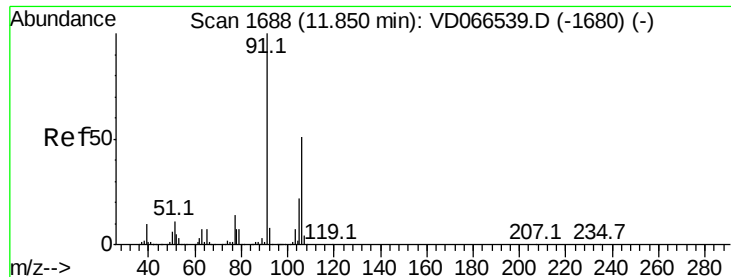
#67
Ethyl Benzene
Concen: 13.045 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066563.D
Acq: 04 Sep 2020 15:18

Tgt Ion: 91 Resp: 312300
Ion Ratio Lower Upper
91 100
106 28.7 24.3 36.5



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

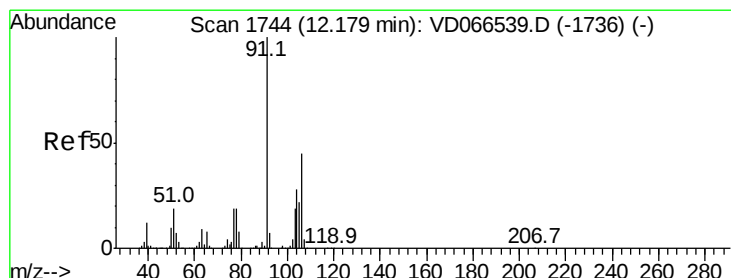
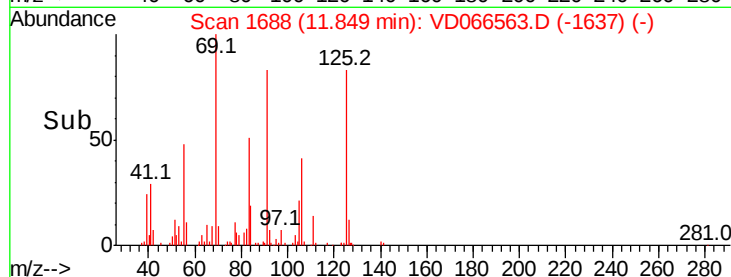
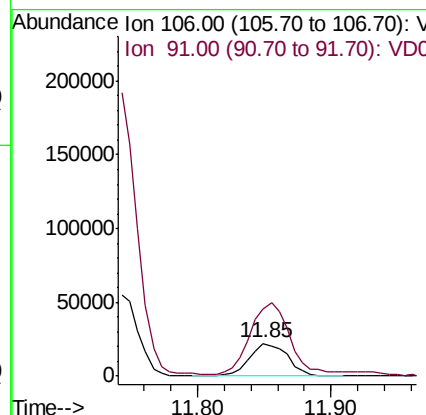
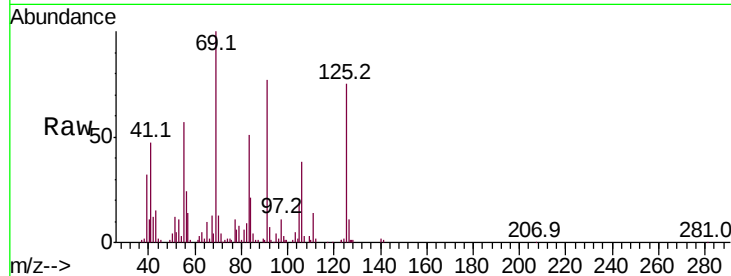




#68
m/p-Xylenes
Concen: 4.980 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066563.D
Acq: 04 Sep 2020 15:18

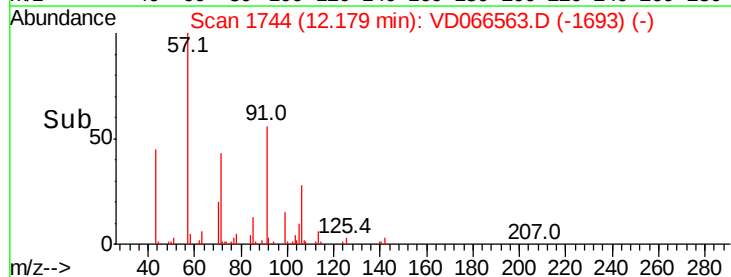
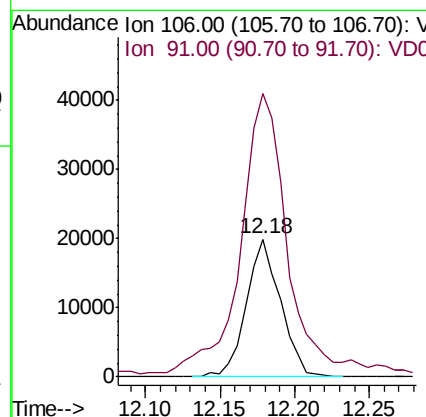
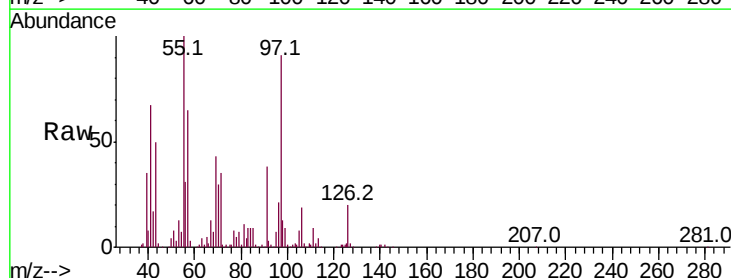
Instrument :
MSVOA_D
ClientSampled :
TP-4

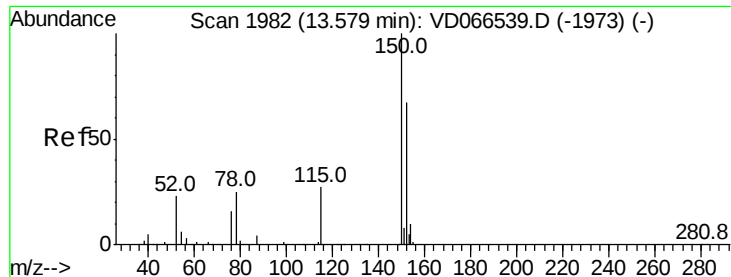
Tot Ion:106 Resp: 44266
Ion Ratio Lower Upper
106 100
91 227.3 162.4 243.6



#69
o-Xylene
Concen: 3.954 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066563.D
Acq: 04 Sep 2020 15:18

Tgt Ion:106 Resp: 31494
Ion Ratio Lower Upper
106 100
91 276.9 107.9 323.8



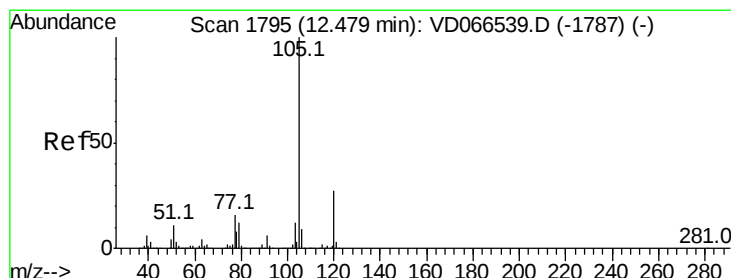
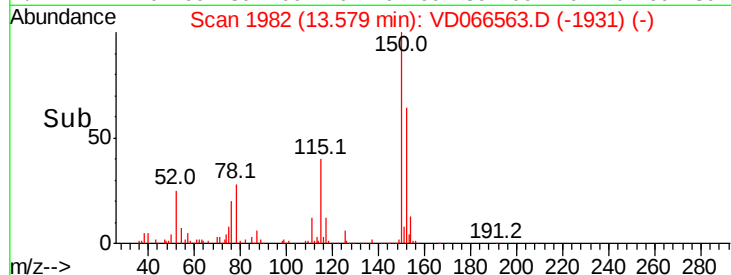
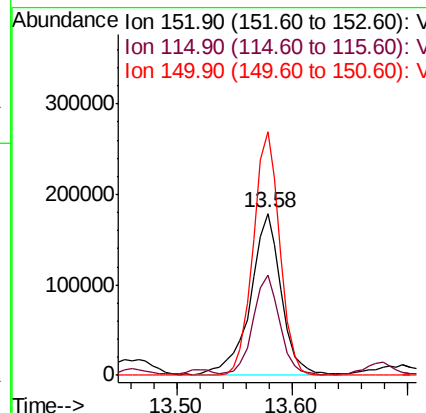
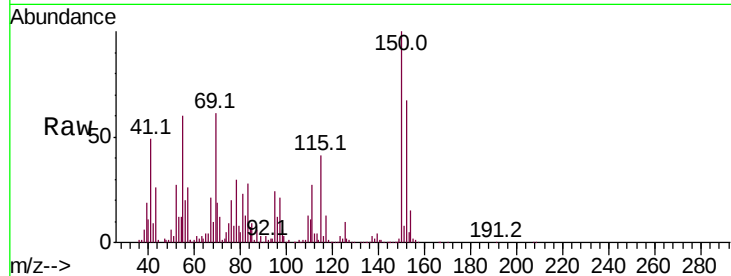


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066563.D
Acq: 04 Sep 2020 15:18

Instrument :
MSVOA_D
ClientSampleId :
TP-4

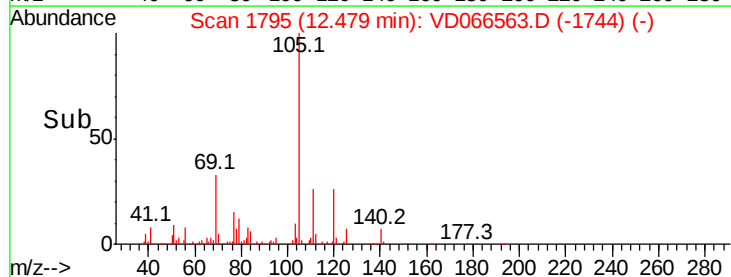
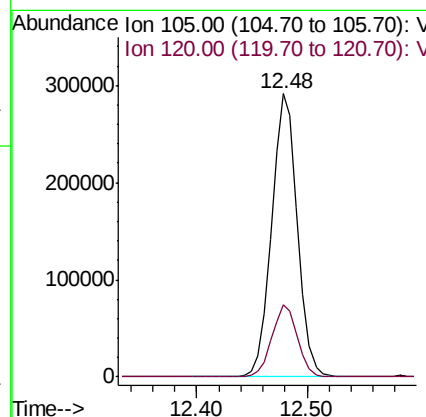
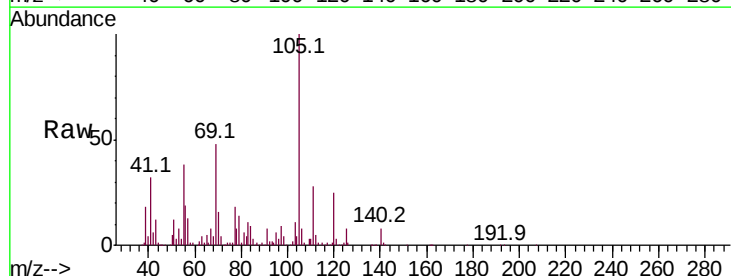
Tot Ion	Ratio	Lower	Upper
152	100		
115	53.4	30.4	91.2
150	130.4	0.0	345.8

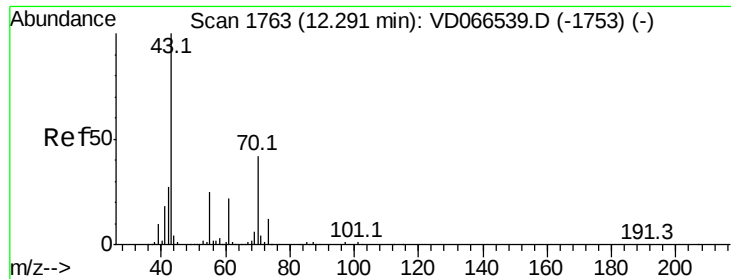


#73

Isopropylbenzene
Concen: 19.354 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066563.D
Acq: 04 Sep 2020 15:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.0	39.0





#74

N-amvl acetate

Concen: 87.029 ug/l

RT: 12.27 min Scan# 1759

Delta R.T. -0.02 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Instrument :

MSVOA_D

ClientSampleId :

TP-4

Tot Ion: 43 Resp: 480235

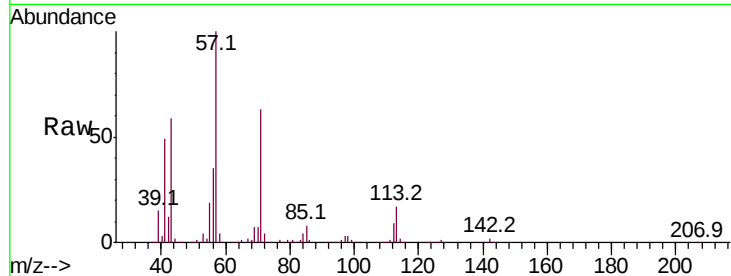
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.2#

55 0.0 20.1 30.1#

61 0.0 18.2 27.2#

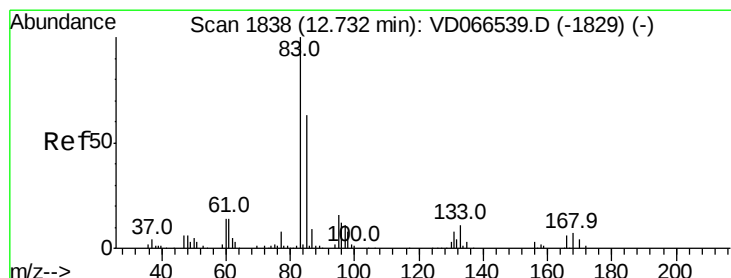
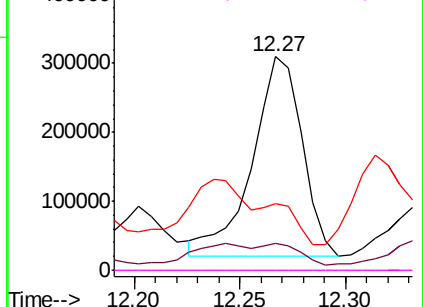
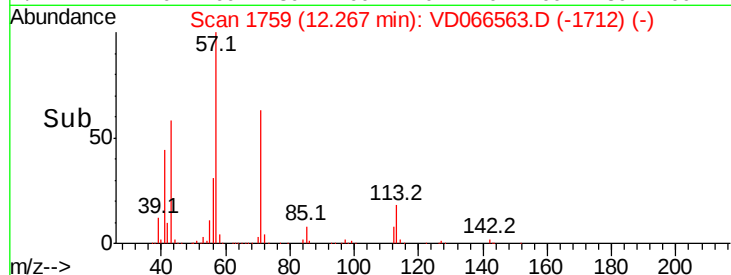


Abundance Ion 43.00 (42.70 to 43.70): VDC

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



#75

1,1,2,2-Tetrachloroethane

Concen: 18.101 ug/l

RT: 12.70 min Scan# 1833

Delta R.T. -0.03 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

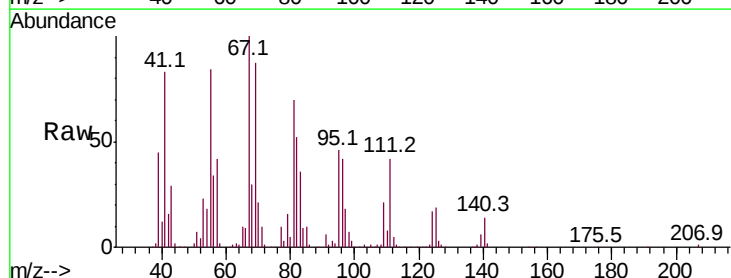
Tgt Ion: 83 Resp: 77910

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

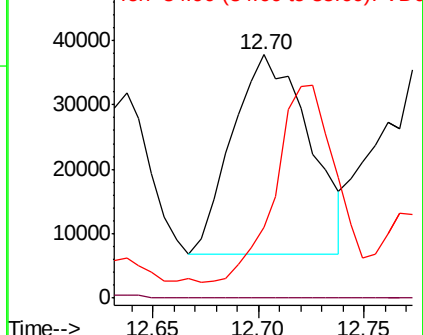
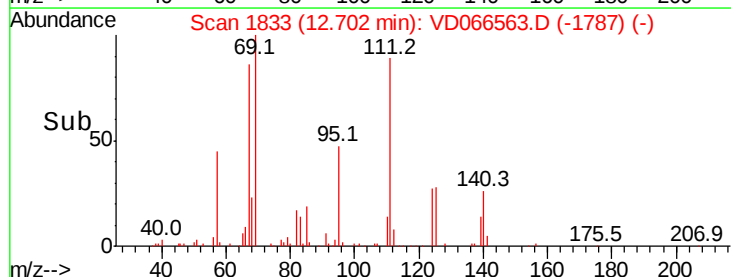
85 0.0 32.1 96.3#

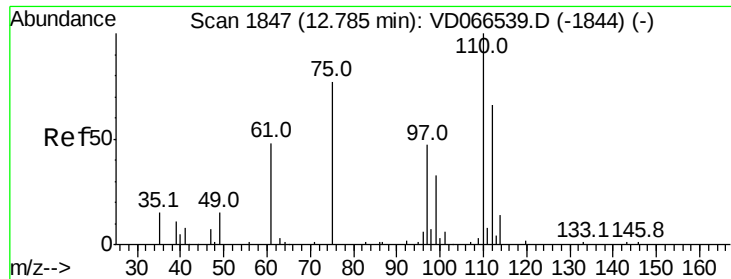


Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VDC

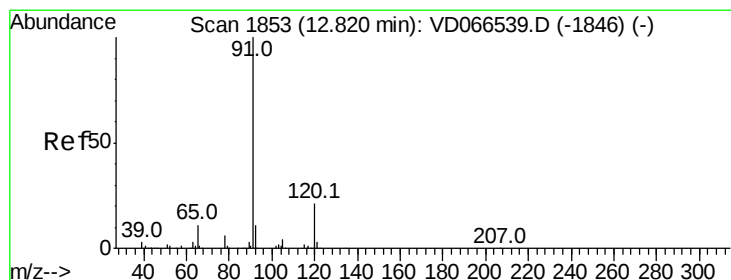
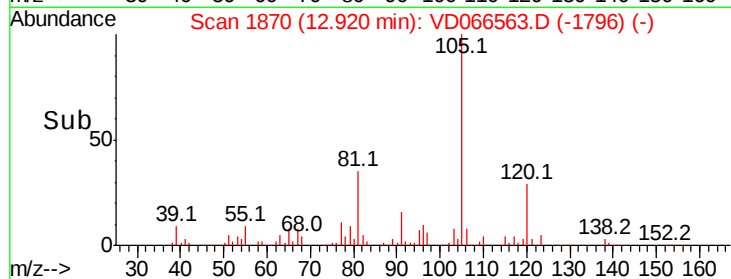
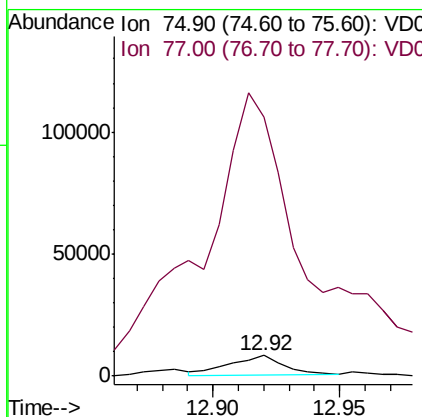
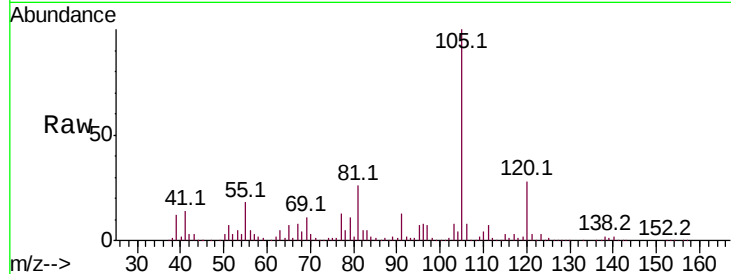




#76
 1,2,3-Trichloropropane
 Concen: 3.706 ug/l
 RT: 12.92 min Scan# 1870
 Delta R.T. 0.14 min
 Lab File: VD066563.D
 Acq: 04 Sep 2020 15:18

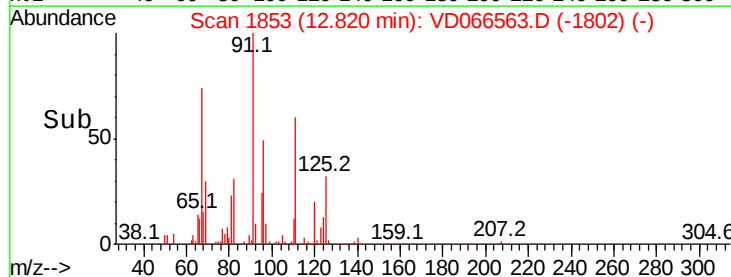
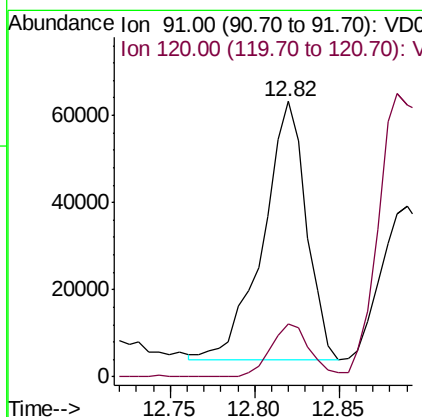
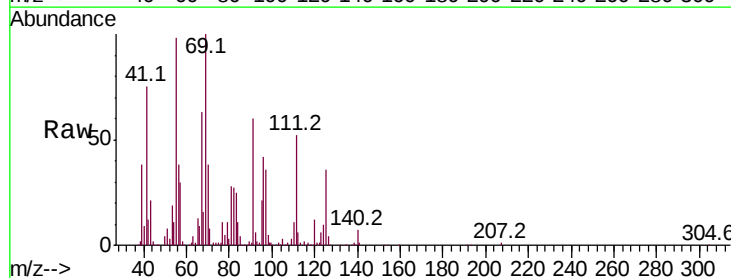
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

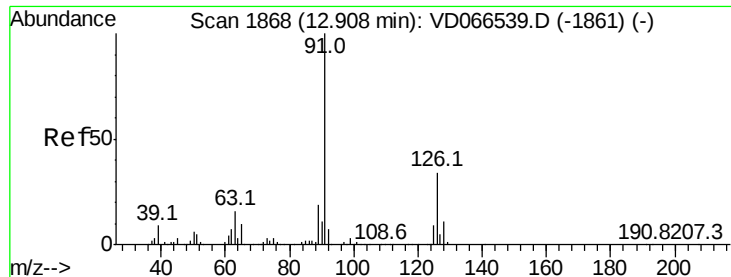
Tot Ion: 75 Resp: 11730
 Ion Ratio Lower Upper
 75 100
 77 2834.9 0.0 0.0#



#78
 n-propylbenzene
 Concen: 3.583 ug/l
 RT: 12.82 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VD066563.D
 Acq: 04 Sep 2020 15:18

Tgt Ion: 91 Resp: 105834
 Ion Ratio Lower Upper
 91 100
 120 18.7 11.1 33.1

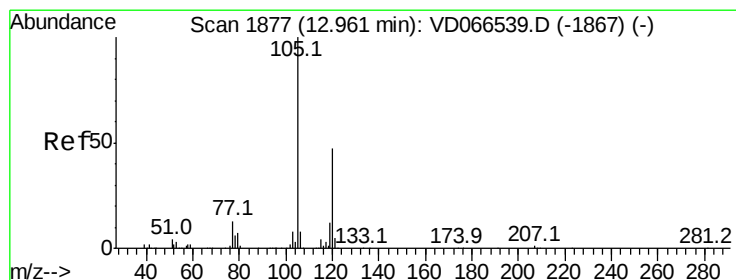
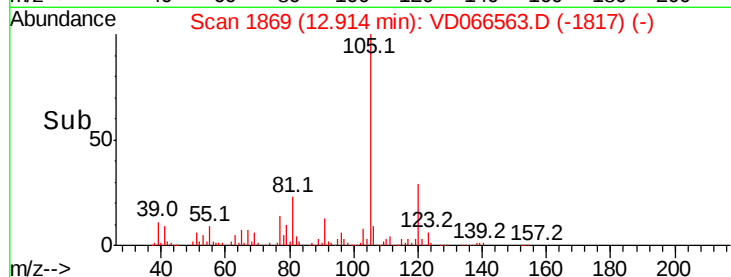
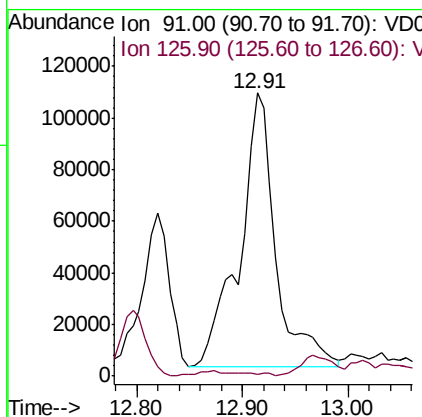
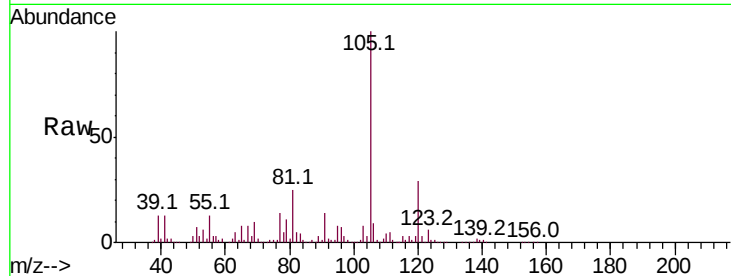




#79
 2-Chlorotoluene
 Concen: 15.202 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VD066563.D
 Acq: 04 Sep 2020 15:18

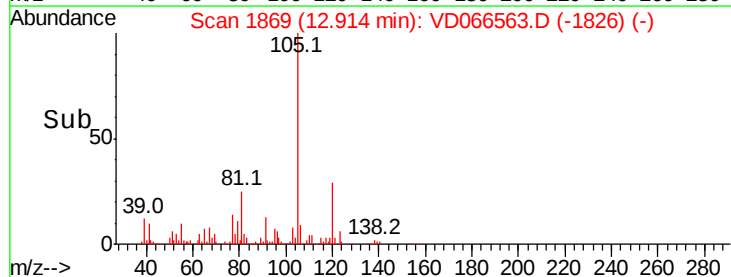
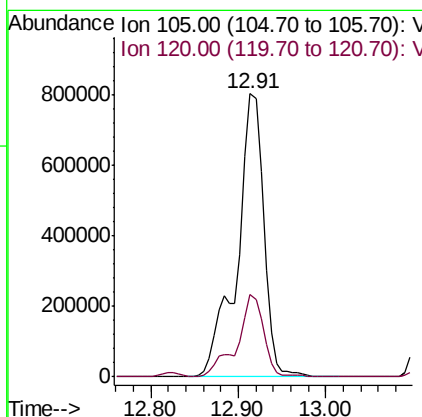
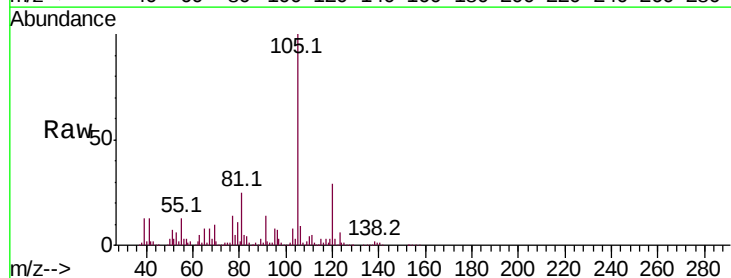
Instrument :
 MSVOA_D
 ClientSampled :
 TP-4

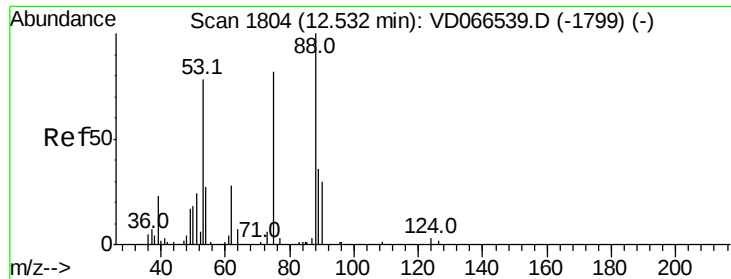
Tot Ion: 91 Resp: 251885
 Ion Ratio Lower Upper
 91 100
 126 0.7 16.4 49.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 80.908 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.05 min
 Lab File: VD066563.D
 Acq: 04 Sep 2020 15:18

Tgt Ion: 105 Resp: 1659110
 Ion Ratio Lower Upper
 105 100
 120 28.1 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 5.611 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.05 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Instrument :

MSVOA_D

ClientSampleId :

TP-4

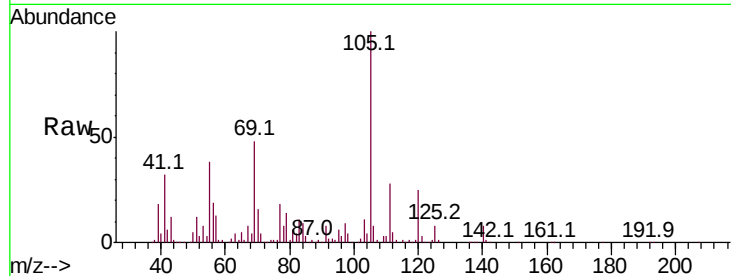
Tot Ion: 75 Resp: 7606

Ion Ratio Lower Upper

75 100

53 0.0 87.0 130.4#

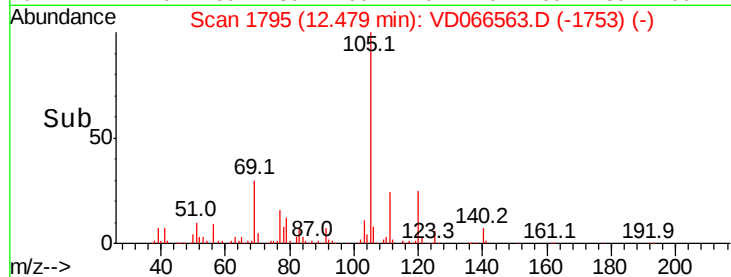
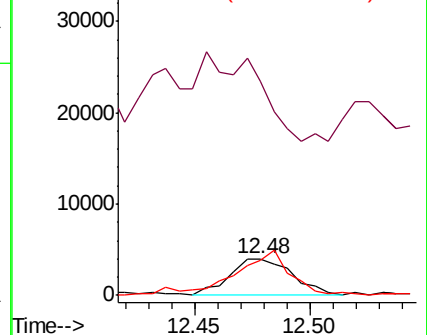
89 103.6 37.1 55.7#



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: 14.216 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.09 min

Lab File: VD066563.D

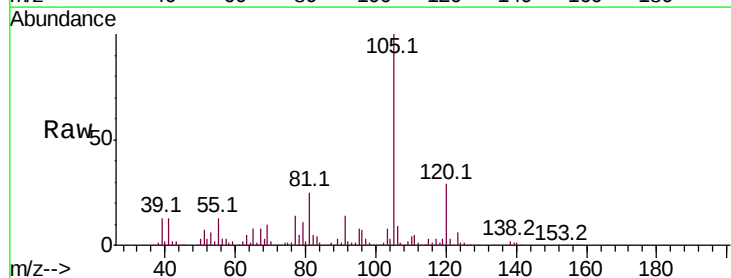
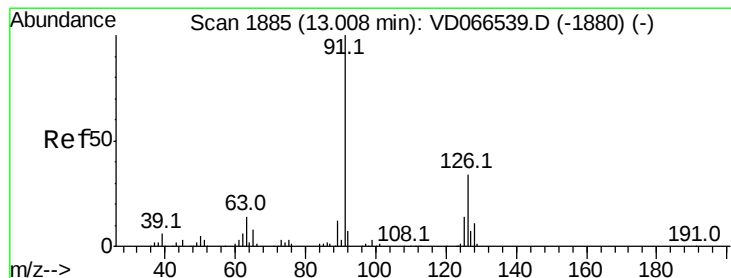
Acq: 04 Sep 2020 15:18

Tgt Ion: 91 Resp: 251885

Ion Ratio Lower Upper

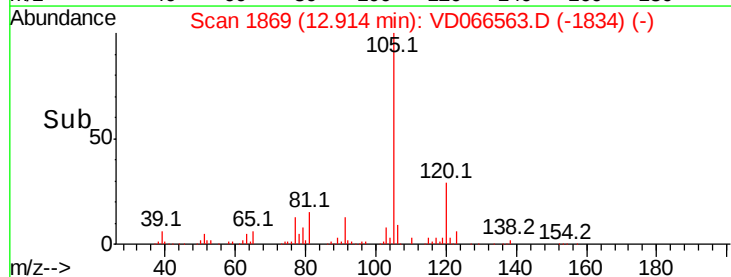
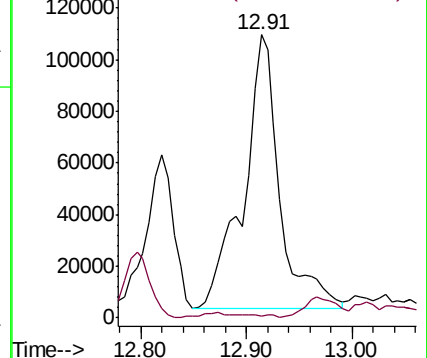
91 100

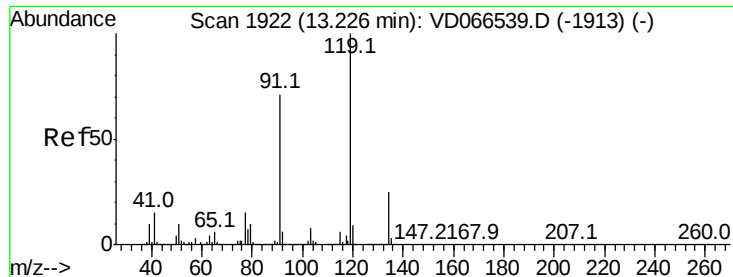
126 0.7 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 5.446 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

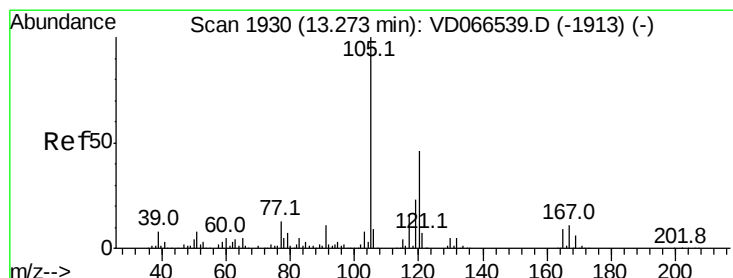
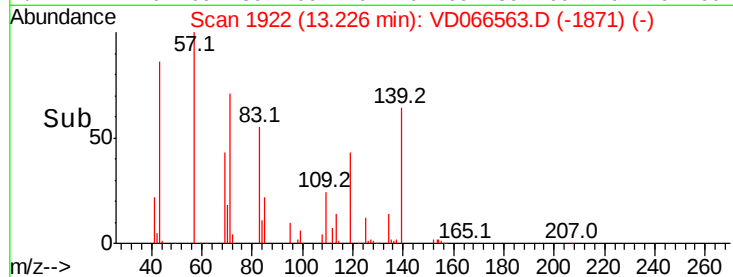
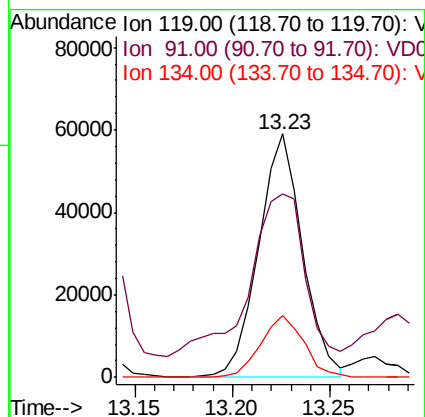
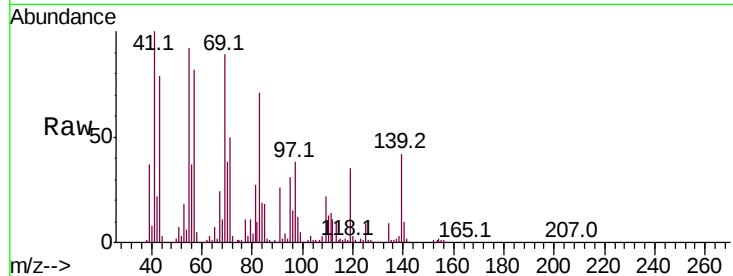
Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Instrument :
MSVOA_D
ClientSampled :
TP-4

Tot Ion:119 Resp: 91203

Ion	Ratio	Lower	Upper
119	100		
91	83.8	35.2	105.6
134	25.5	13.5	40.5



#84

1,2,4-Trimethylbenzene

Concen: 2.849 ug/l

RT: 13.27 min Scan# 1930

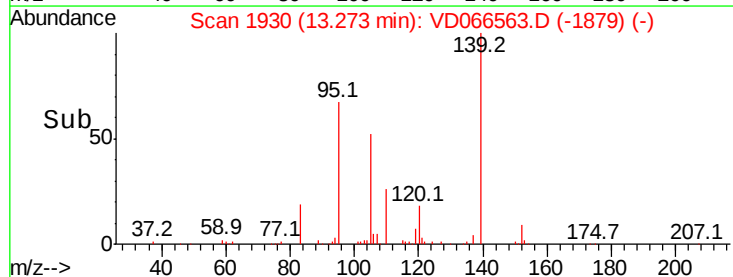
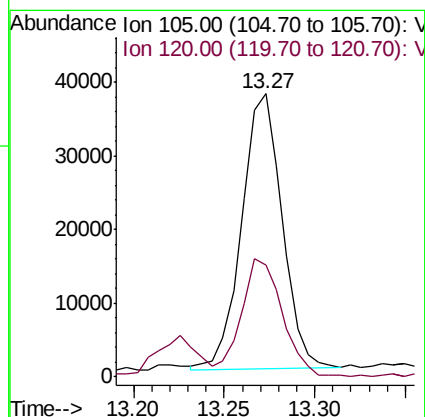
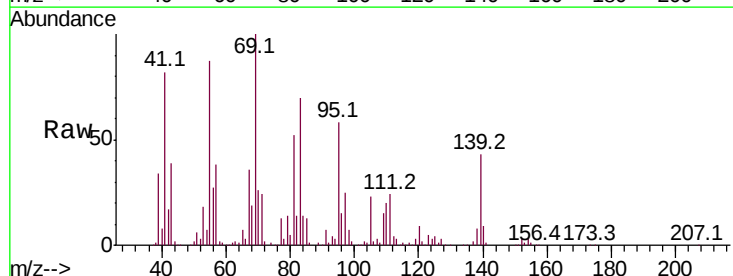
Delta R.T. -0.00 min

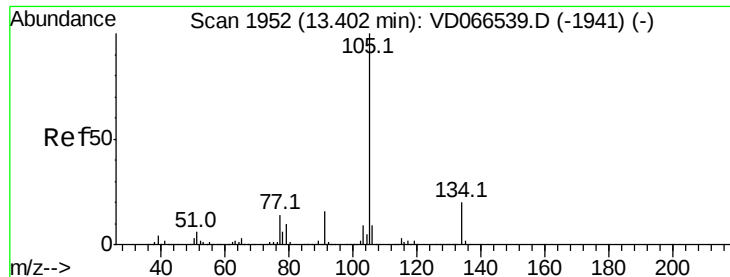
Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Tgt Ion:105 Resp: 58157

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.6	67.7





#85

sec-Butylbenzene

Concen: 15.723 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Instrument :

MSVOA_D

ClientSampled :

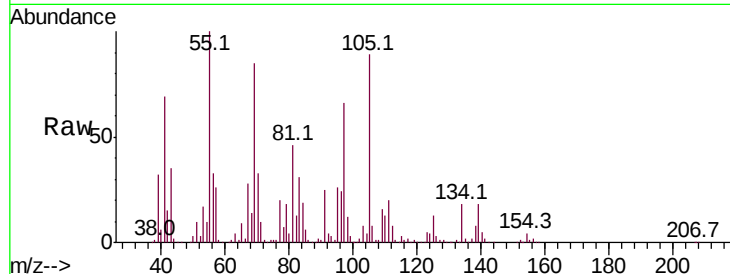
TP-4

Tot Ion:105 Resp: 379342

Ion Ratio Lower Upper

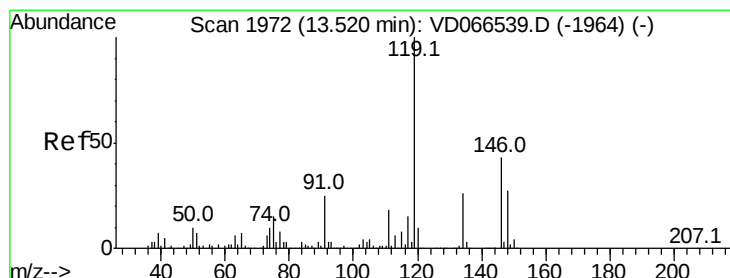
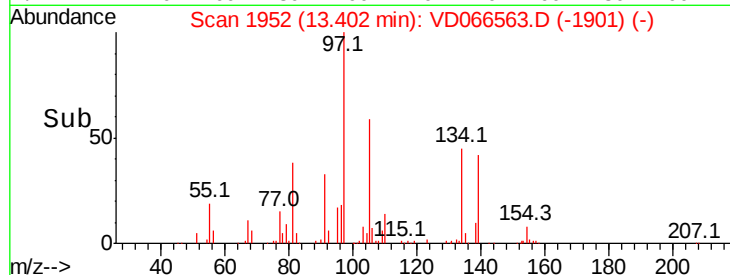
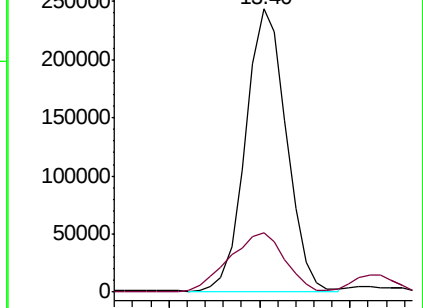
105 100

134 28.8 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.474 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

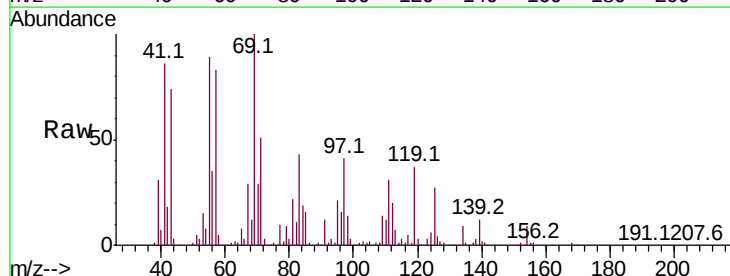
Tgt Ion:119 Resp: 118859

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

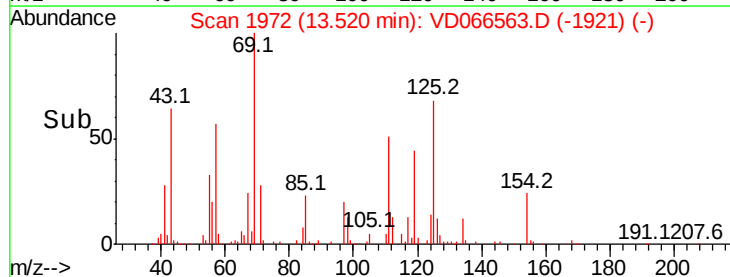
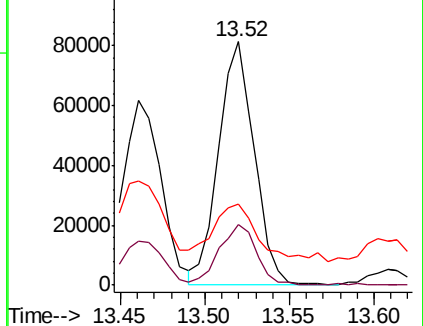
91 26.8 12.5 37.5

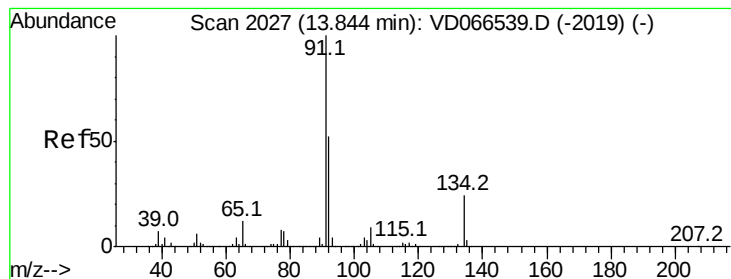


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 13.895 ug/l

RT: 13.82 min Scan# 2023

Delta R.T. -0.02 min

Lab File: VD066563.D

Acq: 04 Sep 2020 15:18

Instrument :

MSVOA_D

ClientSampled :

TP-4

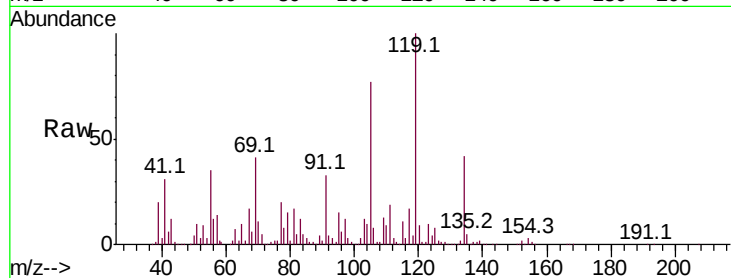
Tot Ion: 91 Resp: 294039

Ion Ratio Lower Upper

91 100

92 0.0 26.5 79.5#

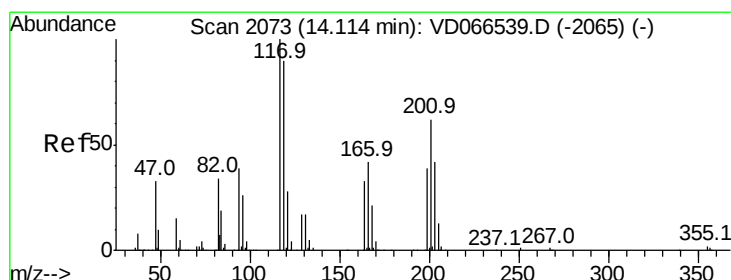
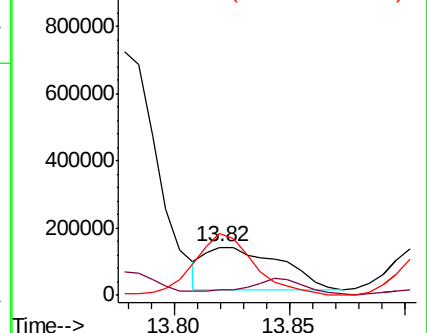
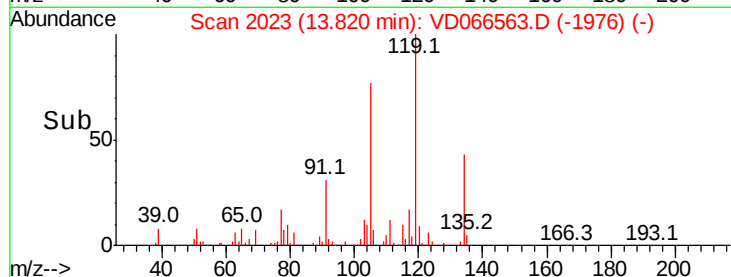
134 114.2 12.1 36.3#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): VDC



#90

Hexachloroethane

Concen: 121.145 ug/l

RT: 14.13 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VD066563.D

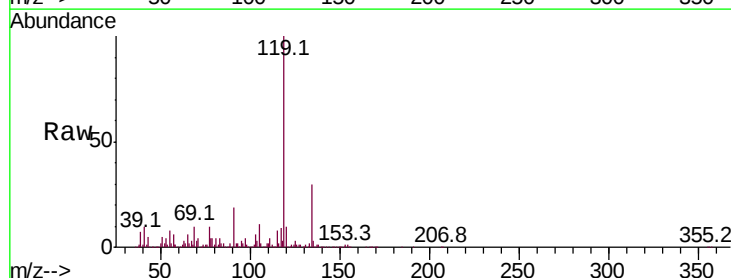
Acq: 04 Sep 2020 15:18

Tgt Ion: 117 Resp: 566825

Ion Ratio Lower Upper

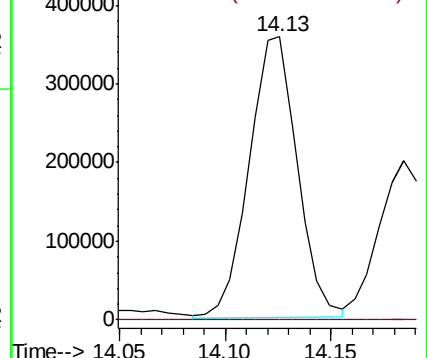
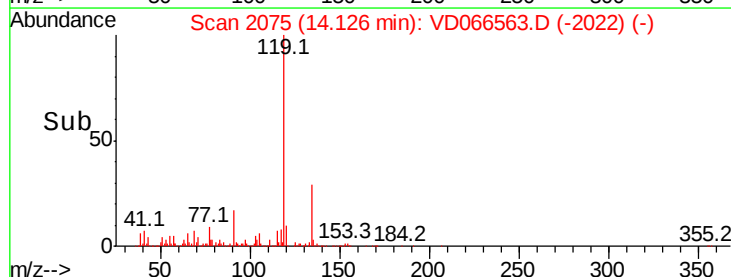
117 100

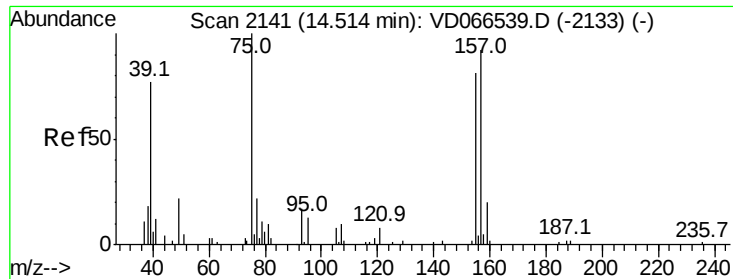
201 0.0 31.9 95.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

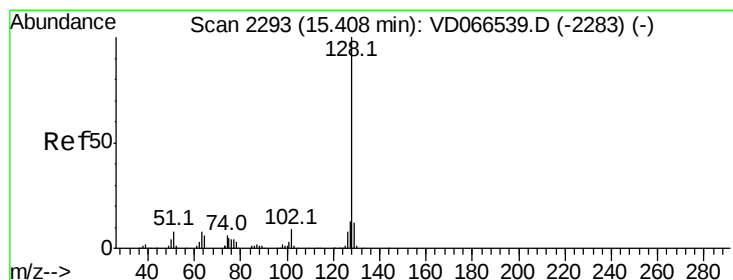
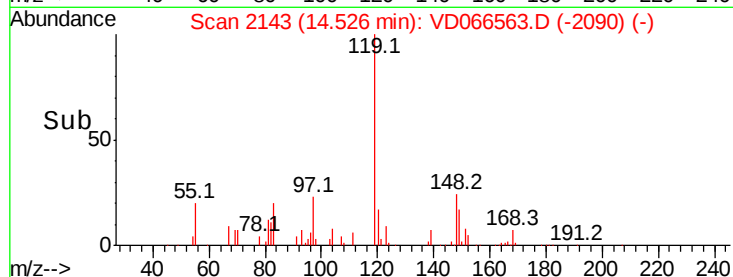
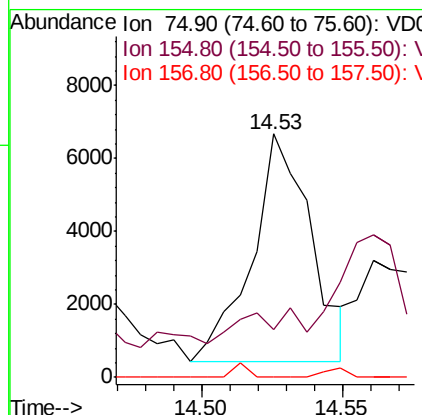
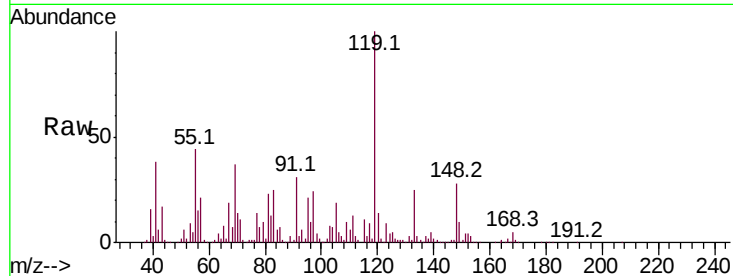




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 12.364 ug/l
 RT: 14.53 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VD066563.D
 Acq: 04 Sep 2020 15:18

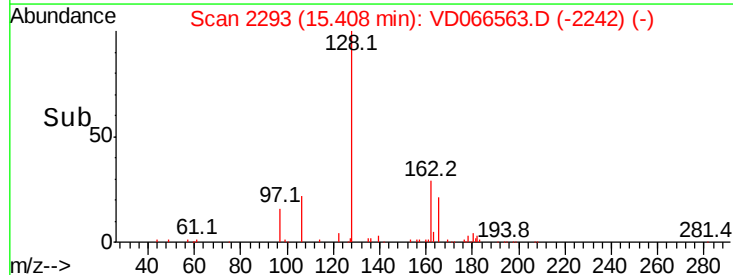
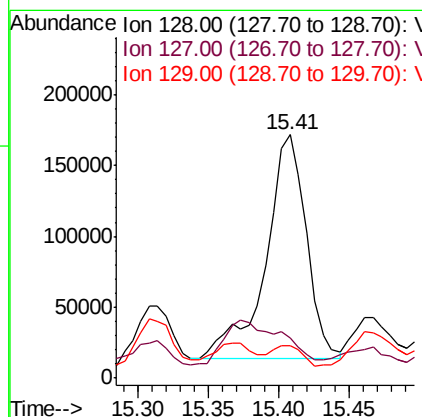
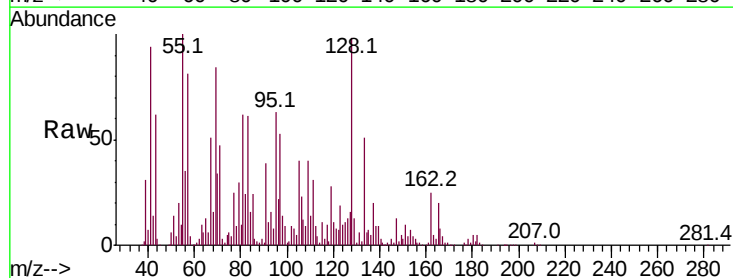
Instrument :
 MSVOA_D
 ClientSampled :
 TP-4

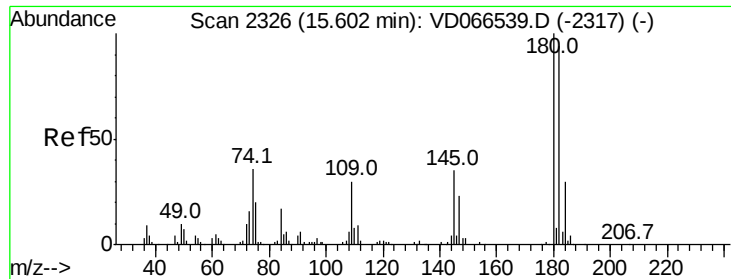
Tot Ion: 75 Resp: 9040
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.3 117.8#
 157 1.5 46.0 137.8#



#95
 Naphthalene
 Concen: 32.161 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: VD066563.D
 Acq: 04 Sep 2020 15:18

Tgt Ion:128 Resp: 317902
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.7 16.1#
 129 5.8 9.1 13.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.252 ug/l
 RT: 15.62 min Scan# 2329
 Delta R.T. 0.02 min
 Lab File: VD066563.D
 Acq: 04 Sep 2020 15:18

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Tot Ion:180 Resp: 15681
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.6#
 145 0.0 17.3 51.7#

