

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066702.D
 Acq On : 15 Sep 2020 17:59
 Operator : VA/SY
 Sample : VD0915SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBL01

Quant Time: Sep 16 01:45:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	366466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	647147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	601609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	252548	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	231239	59.14	ug/l	0.00
Spiked Amount			Recovery	=	118.28%	
35) Dibromofluoromethane	7.91	113	211638	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	
50) Toluene-d8	10.34	98	711067	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.63	95	229511	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	

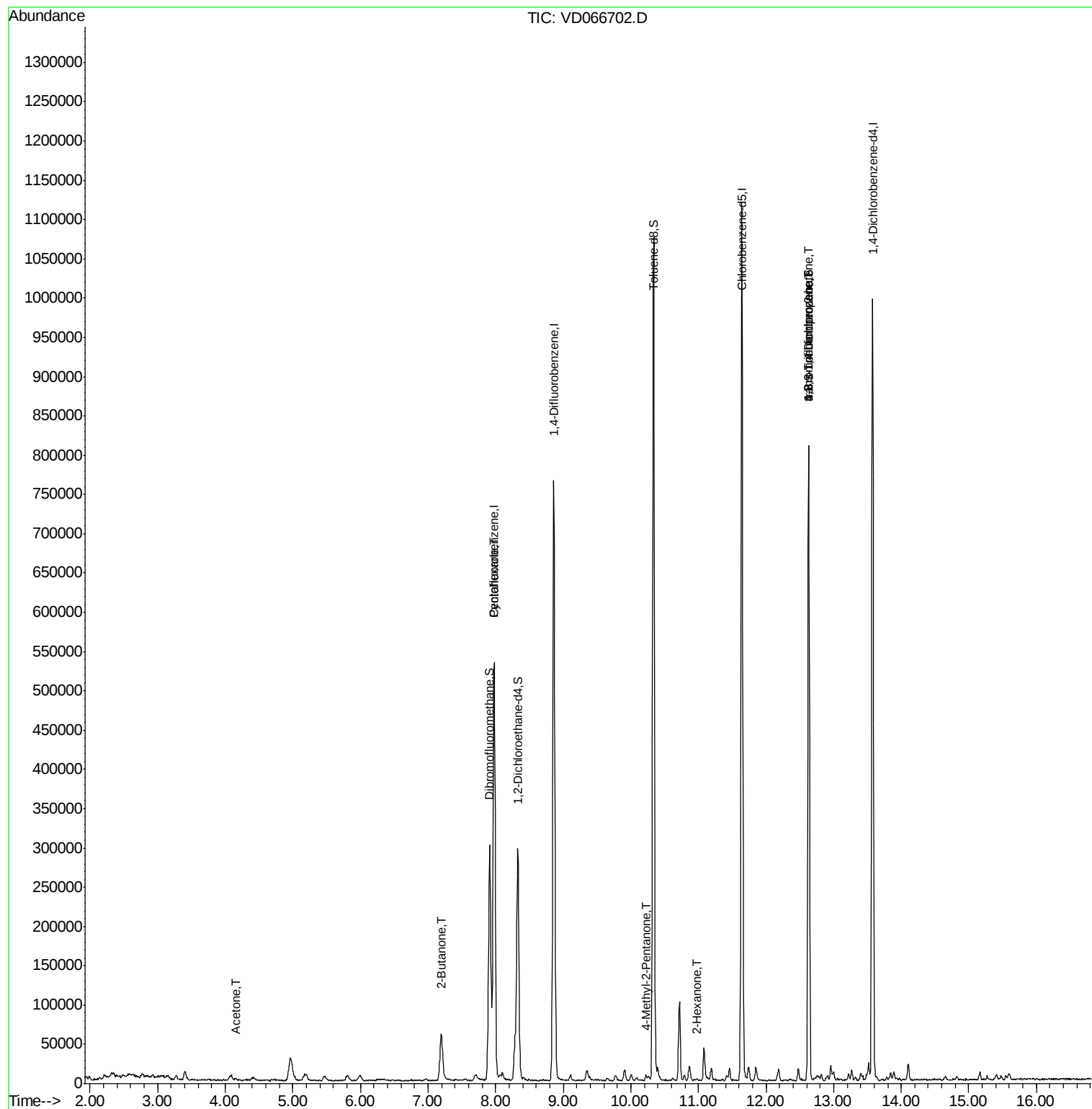
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	2501	Below Cal		88
11) Tert butyl alcohol	5.19	59	8513	Below Cal	#	76
16) Acetone	4.16	43	3198	4.016	ug/l #	74
18) Methyl Acetate	4.73	43	474	Below Cal	#	52
20) Methylene Chloride	4.97	84	22661	Below Cal	#	87
25) 2-Butanone	7.19	43	3499	3.375	ug/l #	49
31) Cyclohexane	7.97	56	13983	2.025	ug/l #	48
51) 4-Methyl-2-Pentanone	10.23	43	4649	1.905	ug/l	99
59) 2-Hexanone	10.98	43	1851	1.129	ug/l	88
76) 1,2,3-Trichloropropane	12.63	75	130583	60.407	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	130583	130.369	ug/l #	8

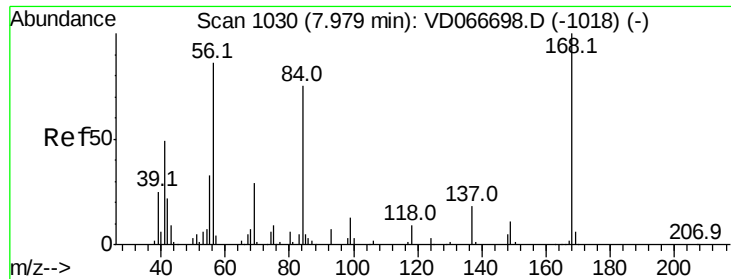
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091520\
Data File : VD066702.D
Acq On : 15 Sep 2020 17:59
Operator : VA/SY
Sample : VD0915SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBL01

Quant Time: Sep 16 01:45:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066702.D

Acq: 15 Sep 2020 17:59

Instrument :

MSVOA_D

ClientSampleId :

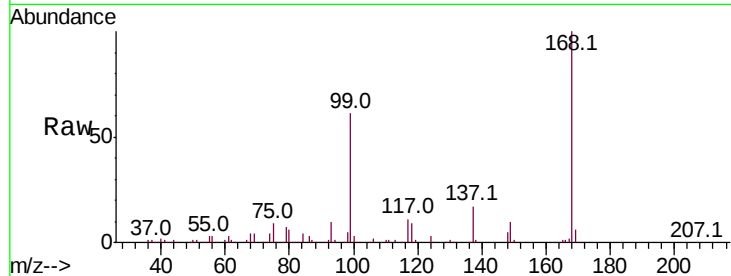
VD0915SBL01

Tot Ion:168 Resp: 366466

Ion Ratio Lower Upper

168 100

99 60.8 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

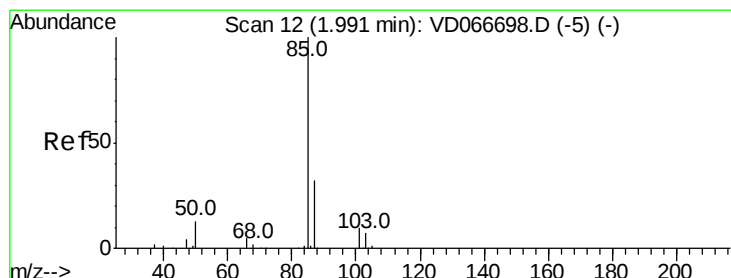
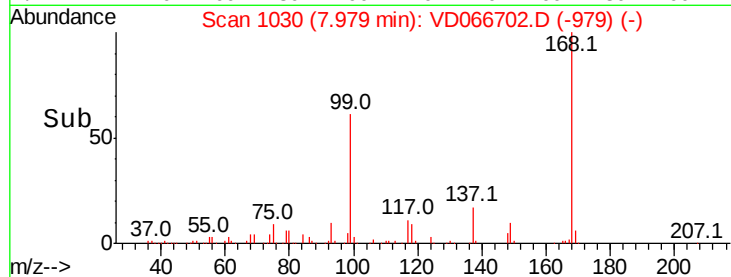
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD066702.D

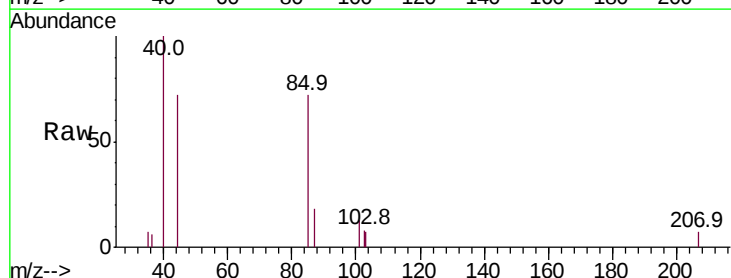
Acq: 15 Sep 2020 17:59

Tgt Ion: 85 Resp: 2501

Ion Ratio Lower Upper

85 100

87 24.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

2000

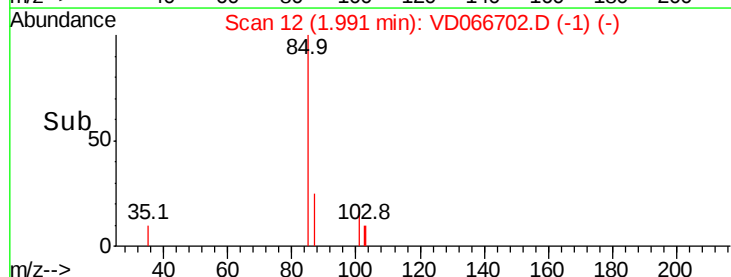
1500

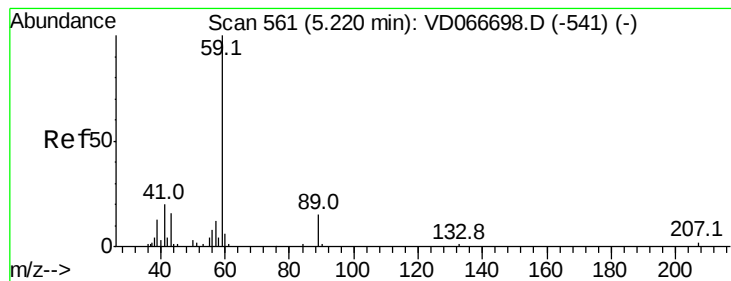
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500

0

Time-->



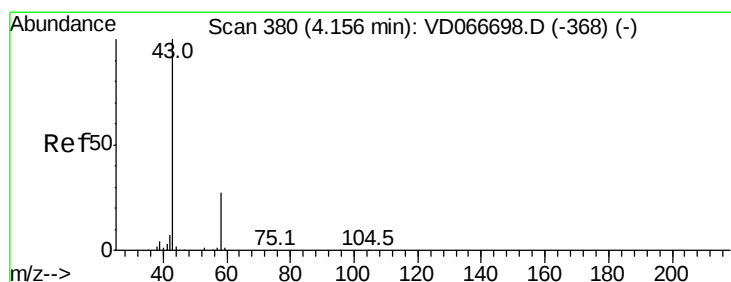
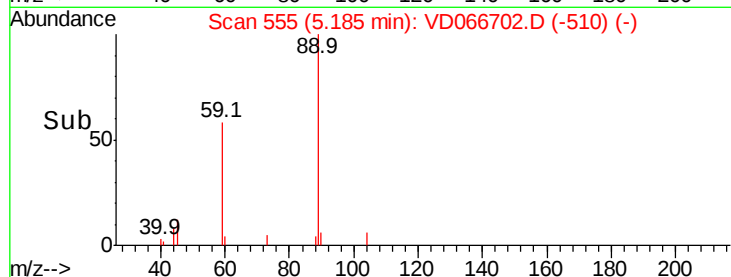
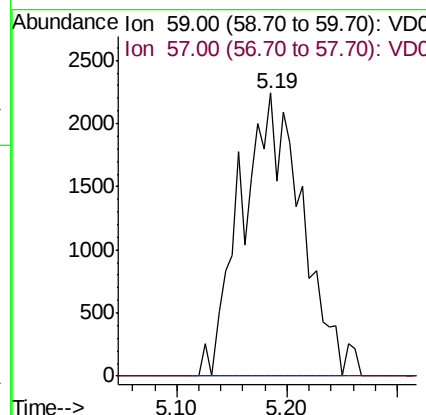
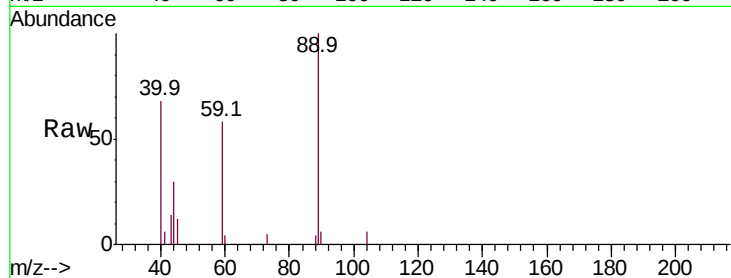


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.19 min Scan# 555
 Delta R.T. -0.03 min
 Lab File: VD066702.D
 Acq: 15 Sep 2020 17:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBL01

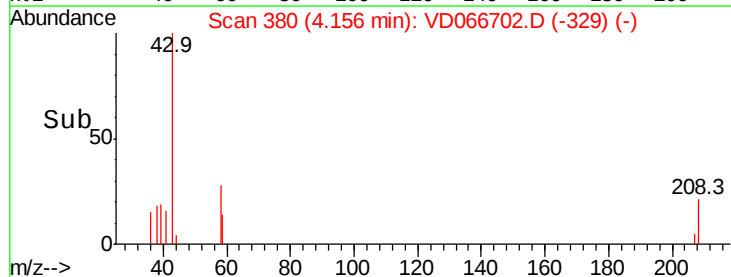
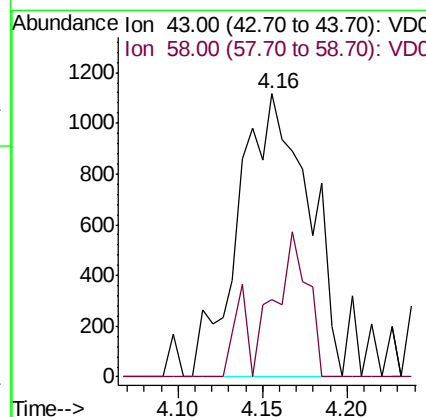
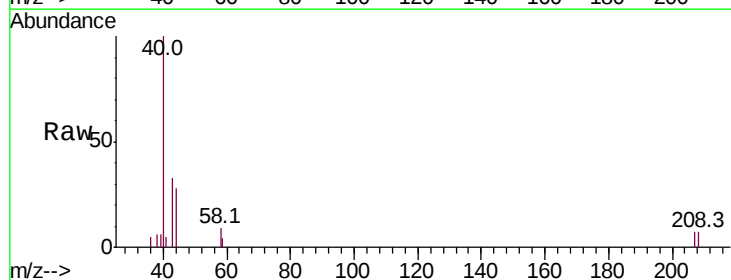
Tot Ion: 59 Resp: 8513
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.7 10.1#

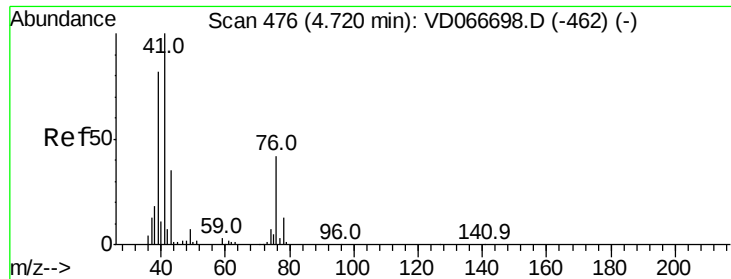


#16

Acetone
 Concen: 4.016 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VD066702.D
 Acq: 15 Sep 2020 17:59

Tgt Ion: 43 Resp: 3198
 Ion Ratio Lower Upper
 43 100
 58 41.0 21.9 32.9#

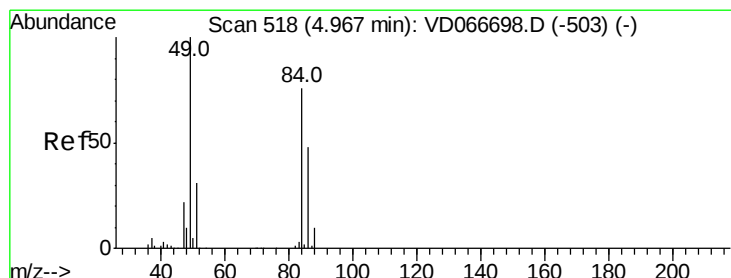
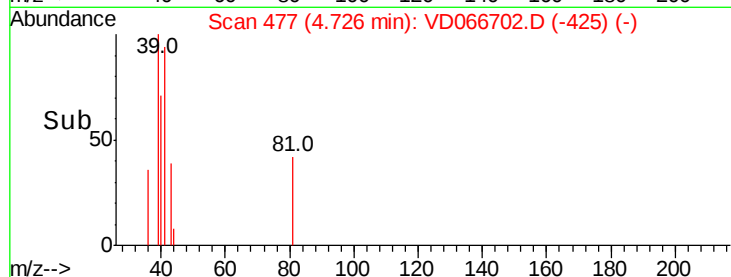
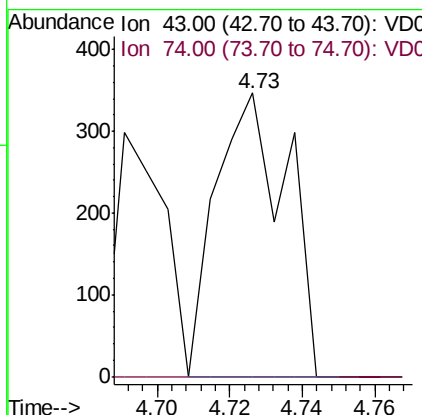
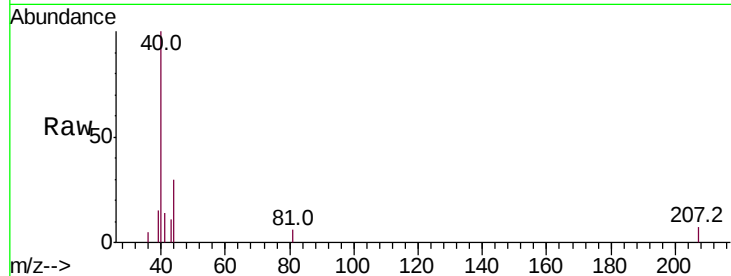




#18
Methyl Acetate
Concen: Below Cal
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD066702.D
Acq: 15 Sep 2020 17:59

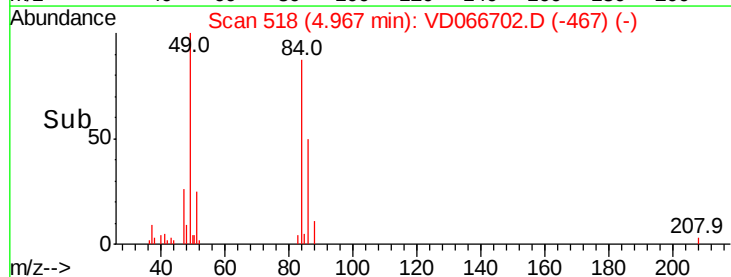
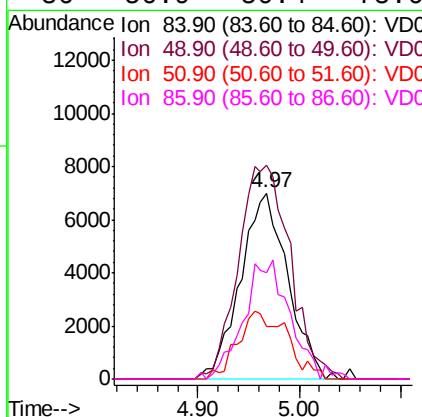
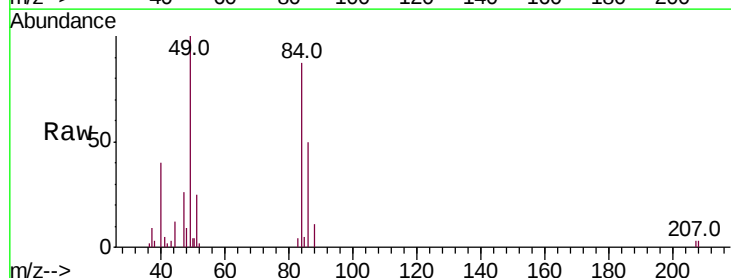
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBL01

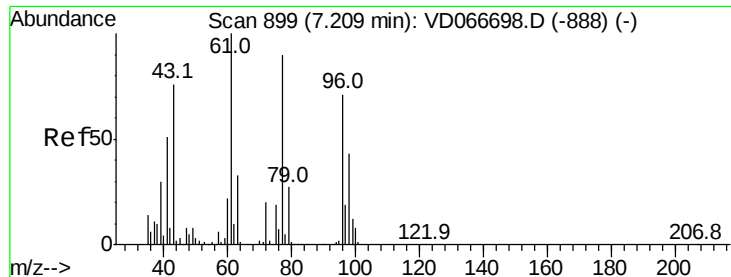
Tot Ion: 43 Resp: 474
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066702.D
Acq: 15 Sep 2020 17:59

Tgt Ion: 84 Resp: 22661
Ion Ratio Lower Upper
84 100
49 114.8 105.0 157.6
51 28.3 32.2 48.4#
86 56.9 50.4 75.6





#25

2-Butanone

Concen: 3.375 ug/l

RT: 7.19 min Scan# 896

Delta R.T. -0.02 min

Lab File: VD066702.D

Acq: 15 Sep 2020 17:59

Instrument :

MSVOA_D

ClientSampleId :

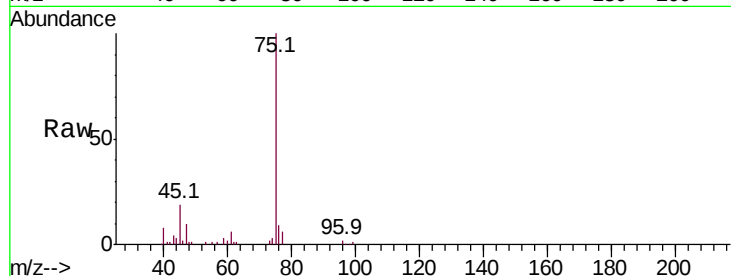
VD0915SBL01

Tot Ion: 43 Resp: 3499

Ion Ratio Lower Upper

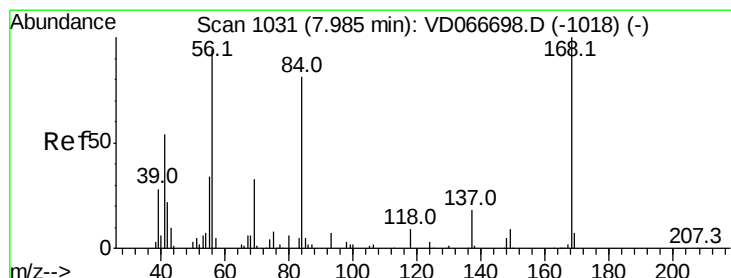
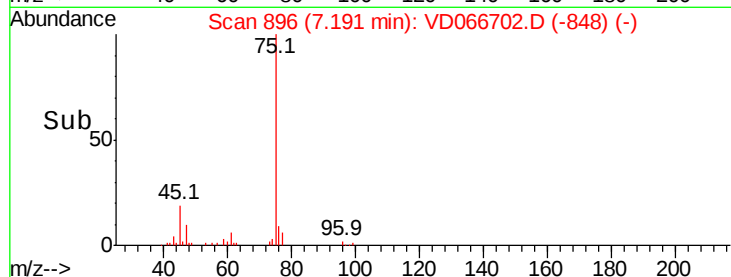
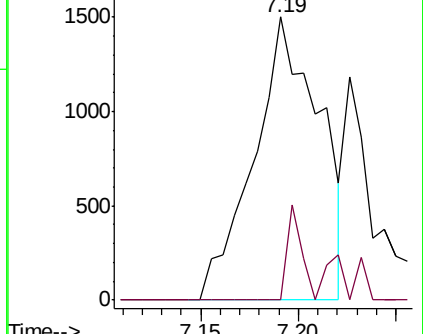
43 100

72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 2.025 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066702.D

Acq: 15 Sep 2020 17:59

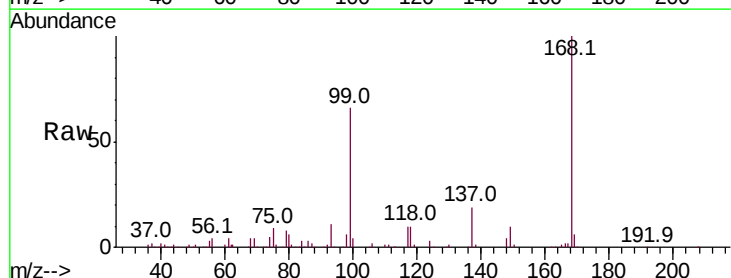
Tgt Ion: 56 Resp: 13983

Ion Ratio Lower Upper

56 100

69 118.1 27.7 41.5#

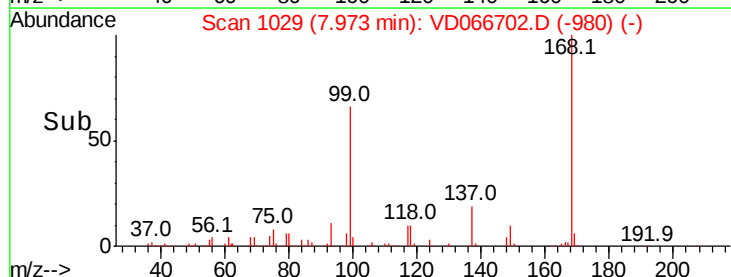
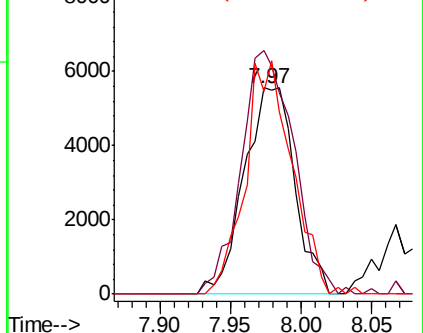
84 98.4 68.5 102.7

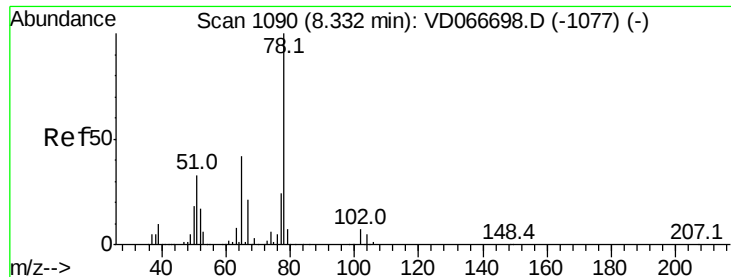


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

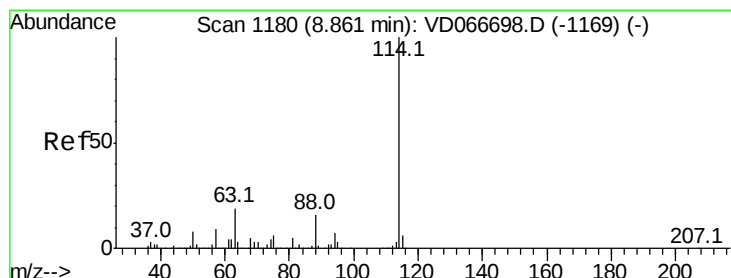
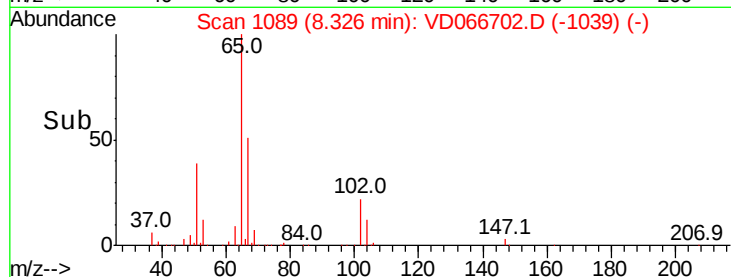
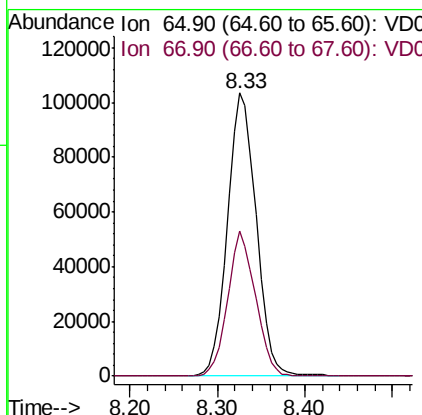
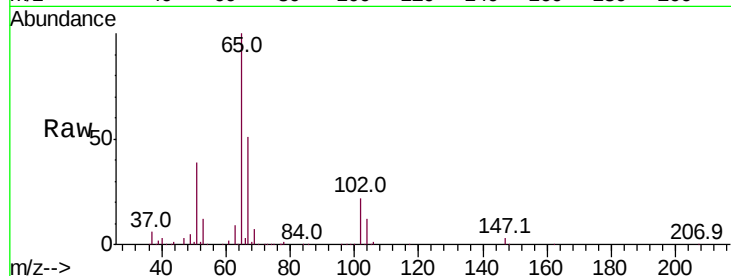




#33
 1,2-Dichloroethane-d4
 Concen: 59.141 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066702.D
 Acq: 15 Sep 2020 17:59

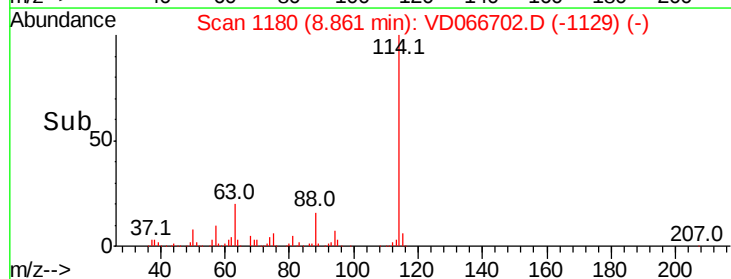
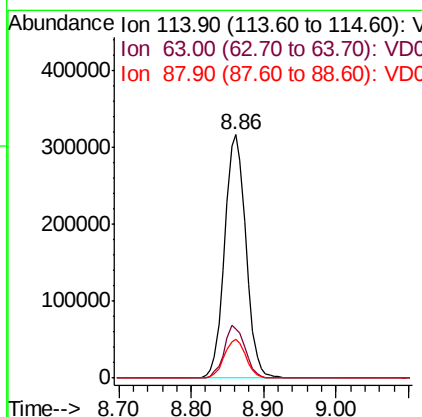
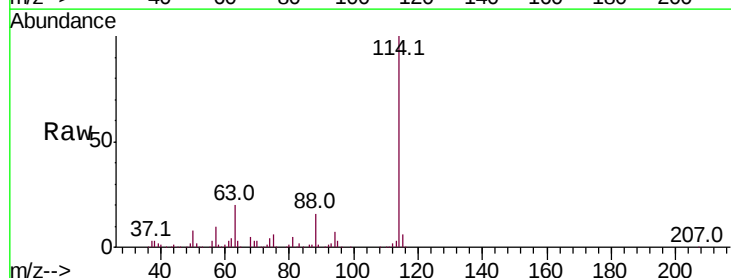
Instrument :
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 VD0915SBL01

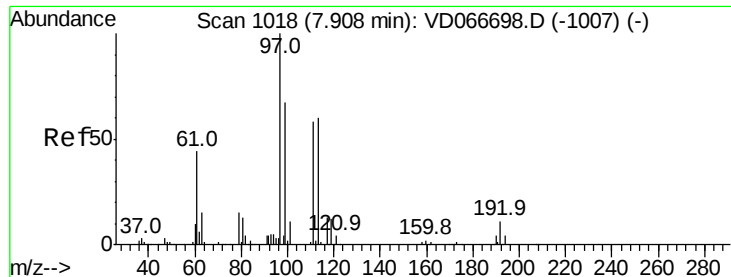
Tot Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066702.D
 Acq: 15 Sep 2020 17:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	37.6
88	15.8	0.0	32.2

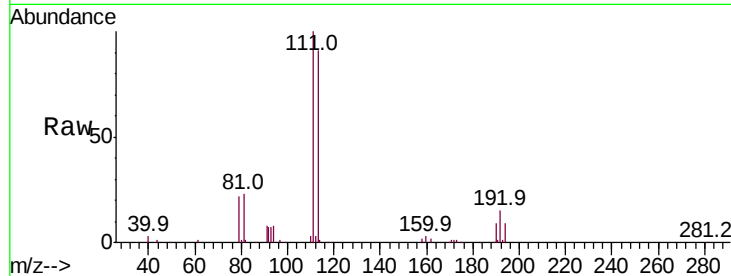




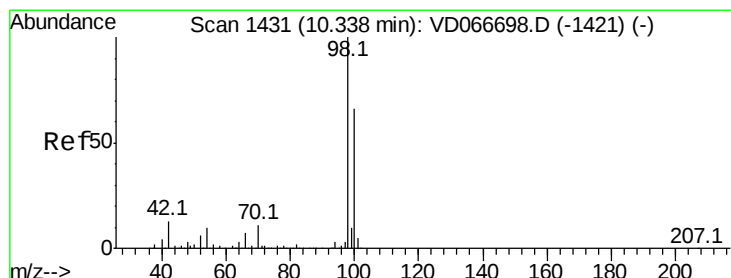
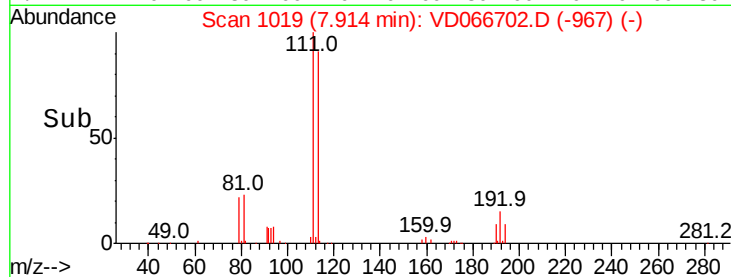
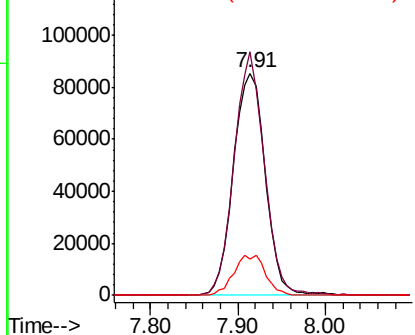
#35
 Dibromofluoromethane
 Concen: 53.341 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066702.D
 Acq: 15 Sep 2020 17:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBL01

Tot Ion:113 Resp: 211638
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.2 124.8
 192 18.0 14.8 22.2

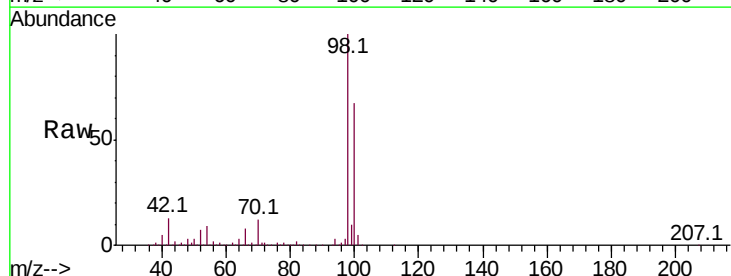


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

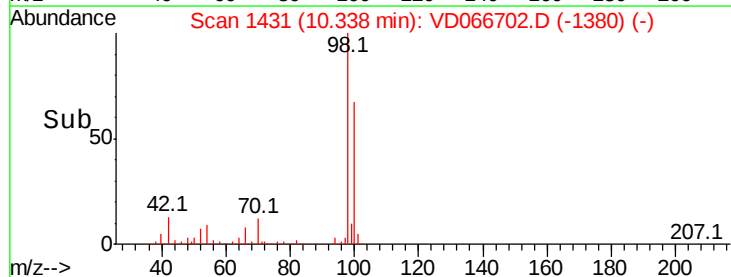
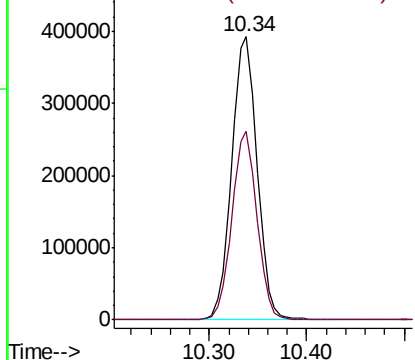


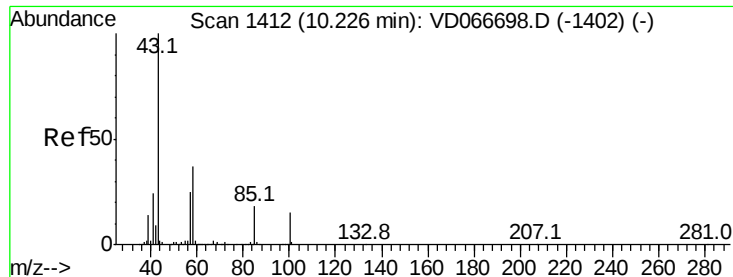
#50
 Toluene-d8
 Concen: 50.303 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066702.D
 Acq: 15 Sep 2020 17:59

Tgt Ion: 98 Resp: 711067
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.7 79.1



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





#51

4-Methyl-2-Pentanone

Concen: 1.905 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066702.D

Acq: 15 Sep 2020 17:59

Instrument :

MSVOA_D

ClientSampleId :

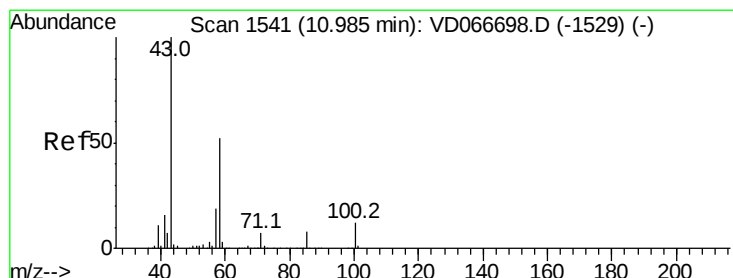
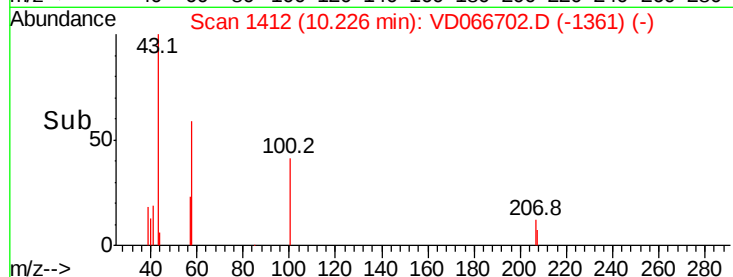
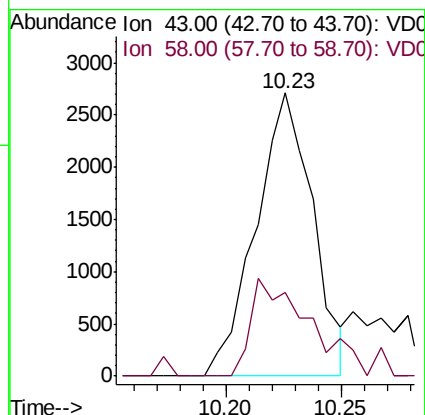
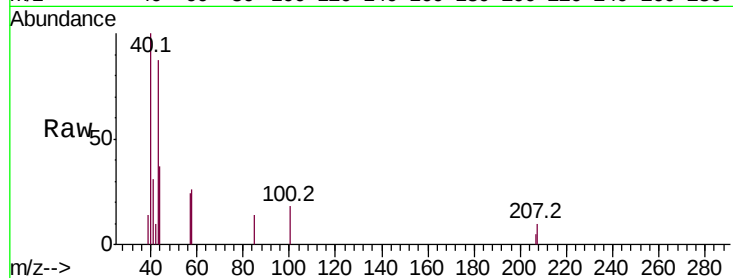
VD0915SBL01

Tot Ion: 43 Resp: 4649

Ion Ratio Lower Upper

43 100

58 37.7 30.4 45.6



#59

2-Hexanone

Concen: 1.129 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.01 min

Lab File: VD066702.D

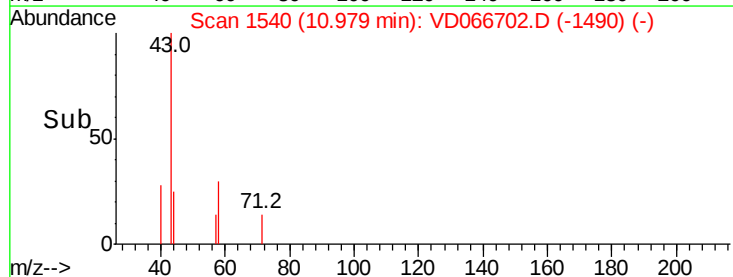
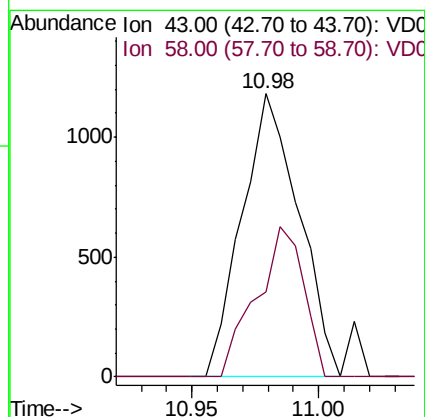
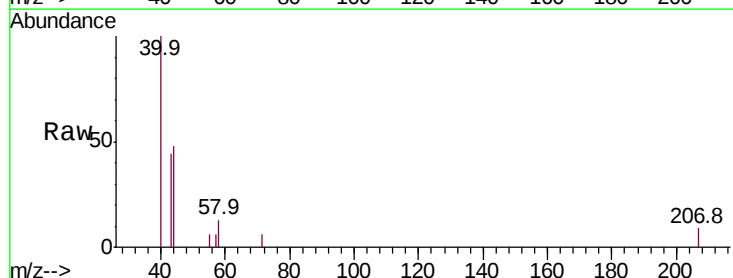
Acq: 15 Sep 2020 17:59

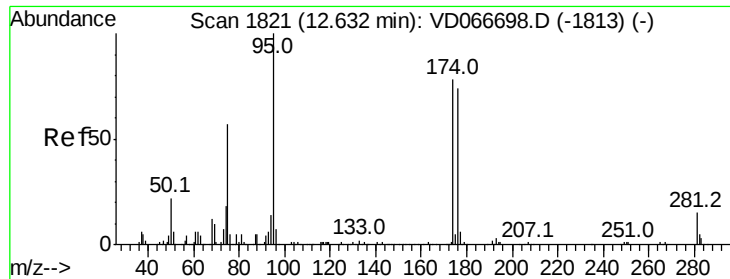
Tgt Ion: 43 Resp: 1851

Ion Ratio Lower Upper

43 100

58 43.7 26.2 78.5

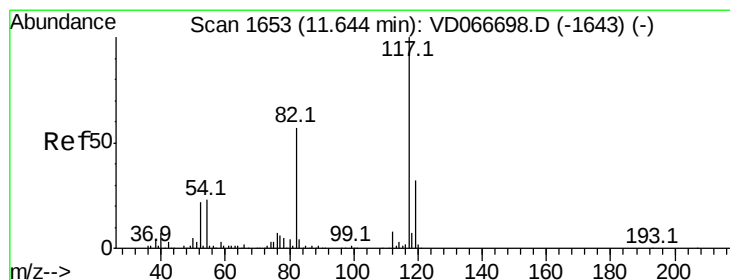
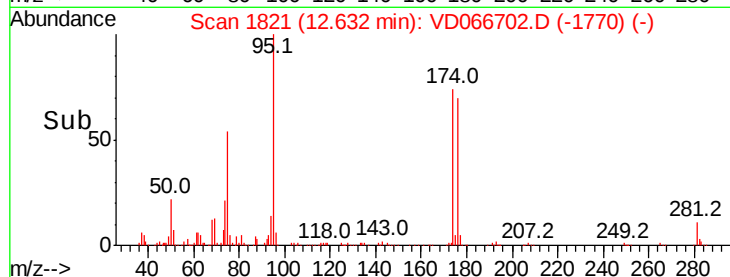
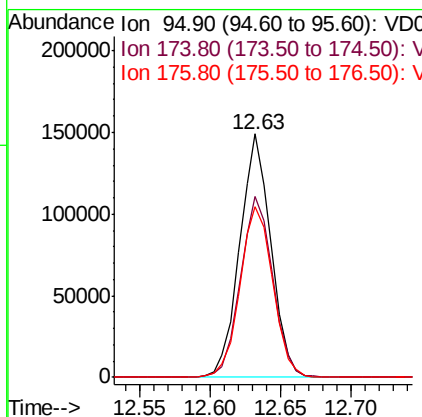
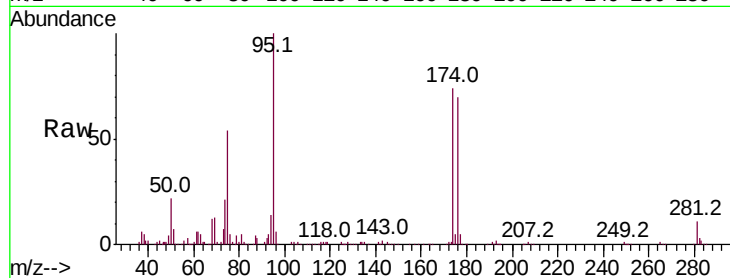




#62
4-Bromofluorobenzene
Concen: 47.036 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066702.D
Acq: 15 Sep 2020 17:59

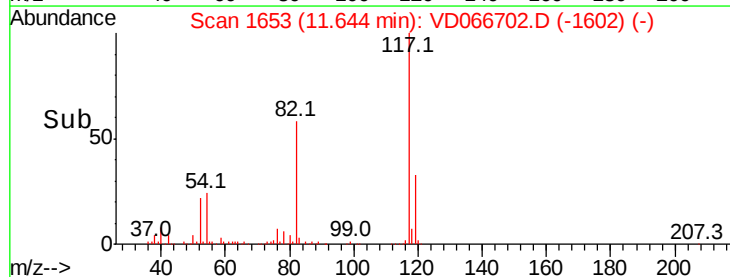
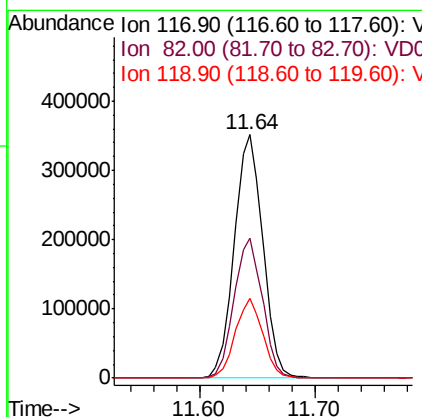
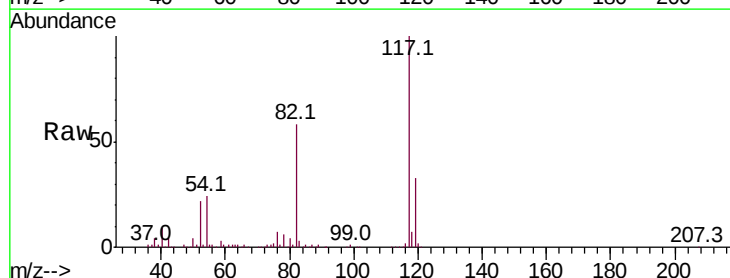
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBL01

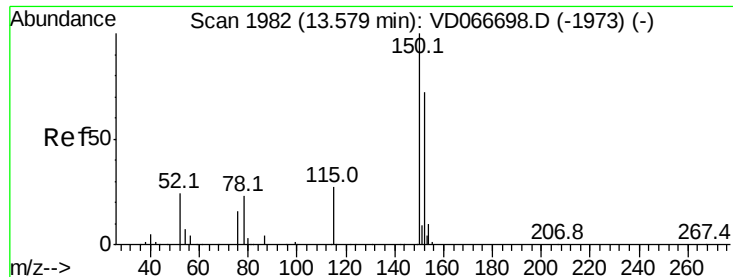
Tot Ion: 95 Resp: 229511
Ion Ratio Lower Upper
95 100
174 77.2 0.0 156.6
176 73.8 0.0 150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066702.D
Acq: 15 Sep 2020 17:59

Tgt Ion: 117 Resp: 601609
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.0
119 32.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066702.D

Acq: 15 Sep 2020 17:59

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBL01

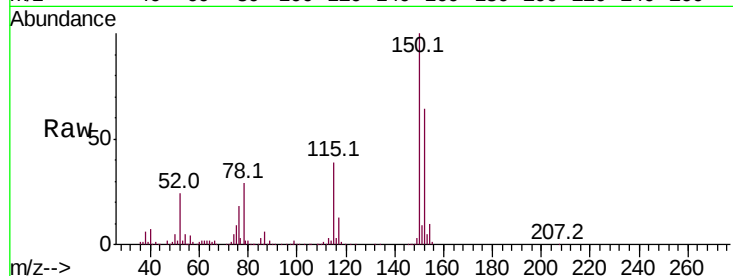
Tot Ion:152 Resp: 252548

Ion Ratio Lower Upper

152 100

115 62.4 30.5 91.5

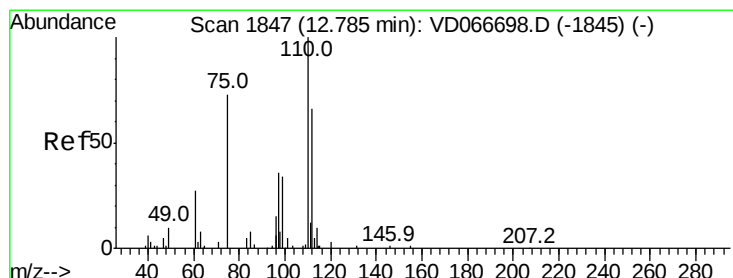
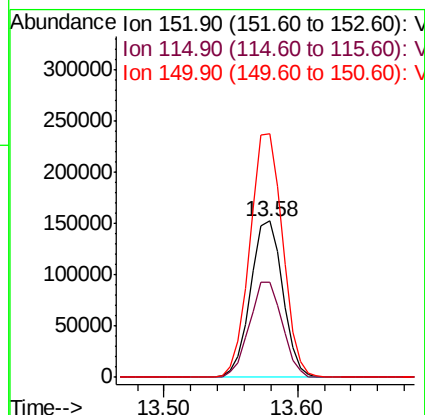
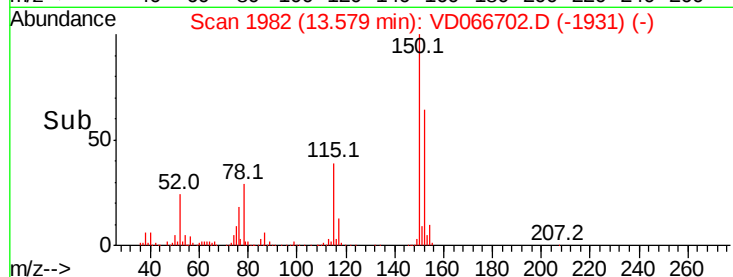
150 158.8 0.0 344.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 60.407 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066702.D

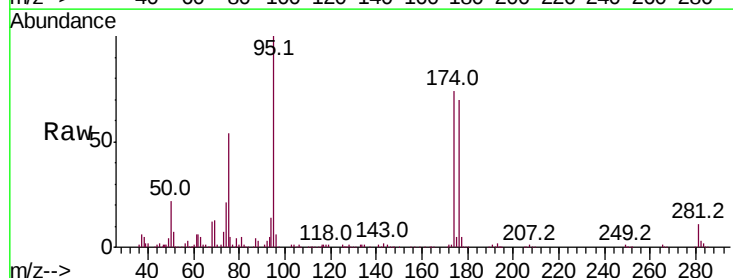
Acq: 15 Sep 2020 17:59

Tgt Ion: 75 Resp: 130583

Ion Ratio Lower Upper

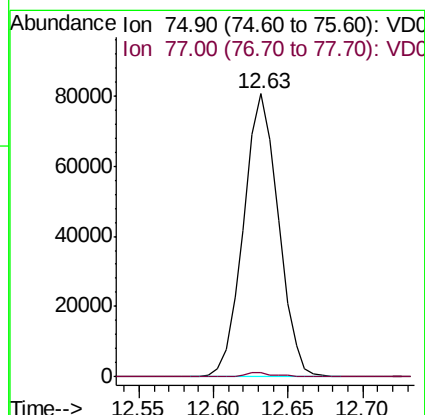
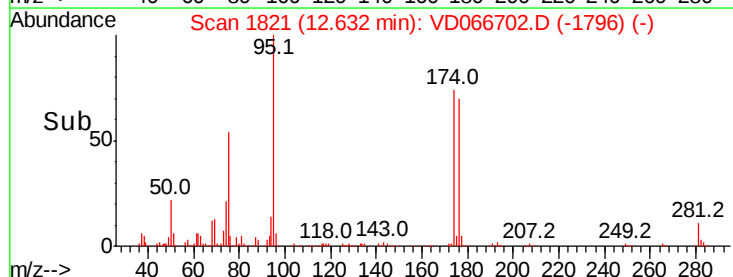
75 100

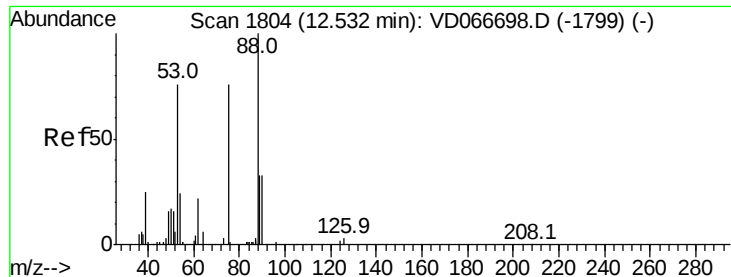
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 130.369 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066702.D

Acq: 15 Sep 2020 17:59

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBL01

Tot Ion: 75 Resp: 130583

Ion Ratio Lower Upper

75 100

53 0.0 82.2 123.4#

89 0.4 39.6 59.4#

