

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066555.D
 Acq On : 04 Sep 2020 11:31
 Operator : VA/SY
 Sample : VD0904SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBL01

Quant Time: Sep 05 03:45:42 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	405643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	718936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	649266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278554	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	257307	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
35) Dibromofluoromethane	7.91	113	241433	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
50) Toluene-d8	10.34	98	883530	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.63	95	273300	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	

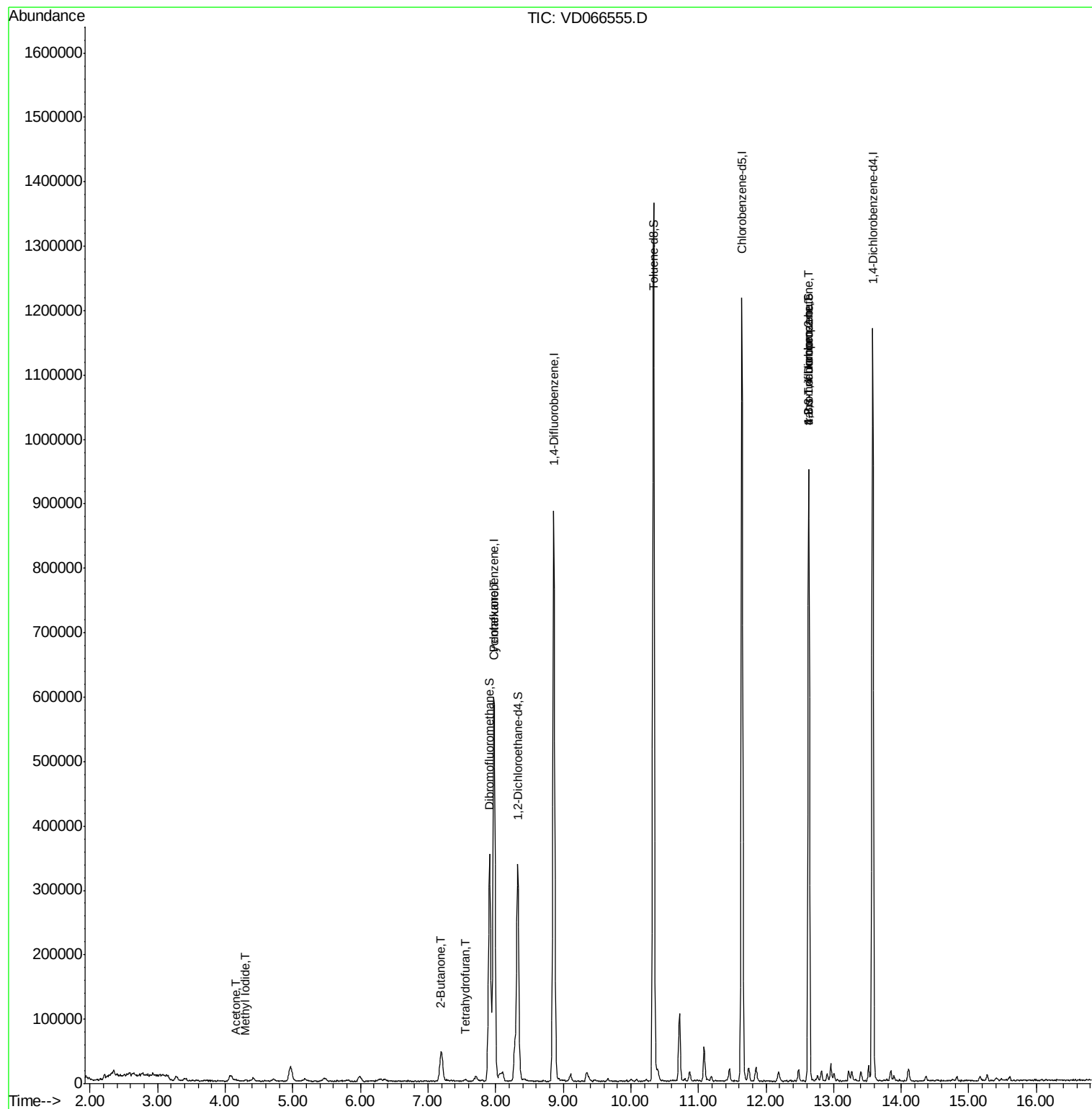
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	2436	Below Cal		80
5) Bromomethane	2.77	94	3460	Below Cal		87
10) Methyl Iodide	4.30	142	2359	4.546	ug/l #	81
11) Tert butyl alcohol	5.21	59	1005	Below Cal	#	74
16) Acetone	4.16	43	2752	3.047	ug/l #	62
20) Methylene Chloride	4.96	84	17363	Below Cal	#	84
25) 2-Butanone	7.19	43	2871	2.368	ug/l #	51
29) Tetrahydrofuran	7.56	42	1089	1.442	ug/l #	60
31) Cyclohexane	7.98	56	16168	2.019	ug/l #	61
76) 1,2,3-Trichloropropane	12.63	75	157044	58.622	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	157044	136.861	ug/l #	7

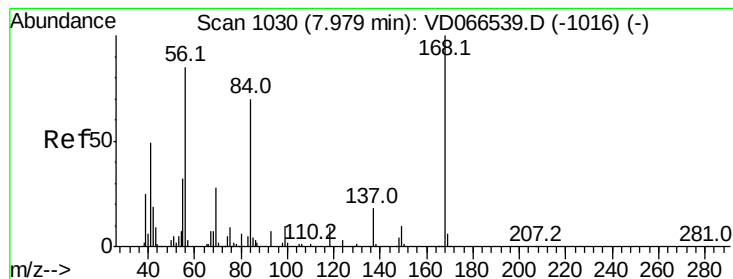
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090420\
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Acq On : 04 Sep 2020 11:31
Operator : VA/SY
Sample : VD0904SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VD0904SBL01

Quant Time: Sep 05 03:45:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 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: VD066555.D

Acq: 04 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

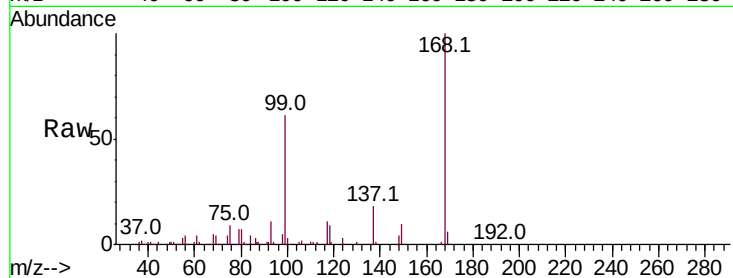
VD0904SBL01

Tot Ion:168 Resp: 405643

Ion Ratio Lower Upper

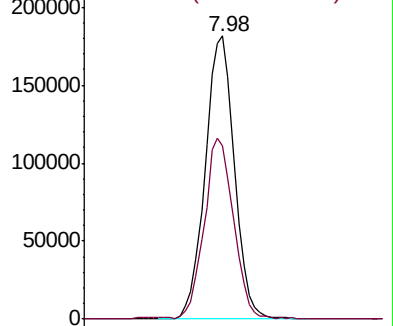
168 100

99 60.7 50.5 75.7

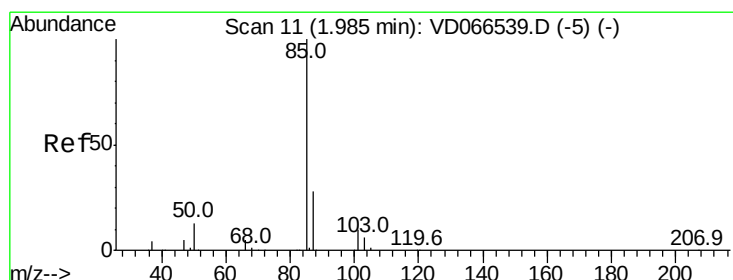
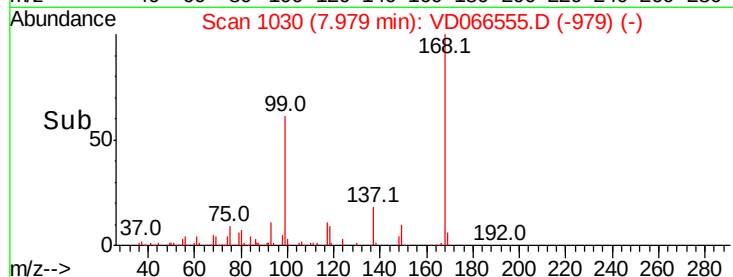


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066555.D

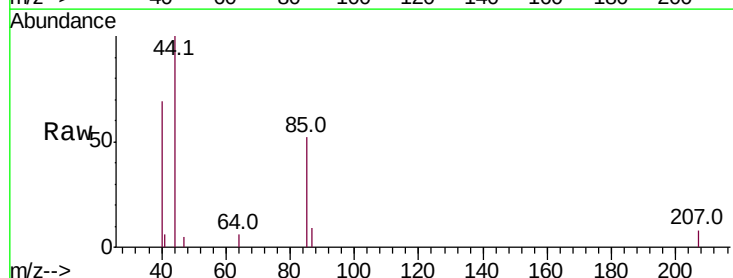
Acq: 04 Sep 2020 11:31

Tgt Ion: 85 Resp: 2436

Ion Ratio Lower Upper

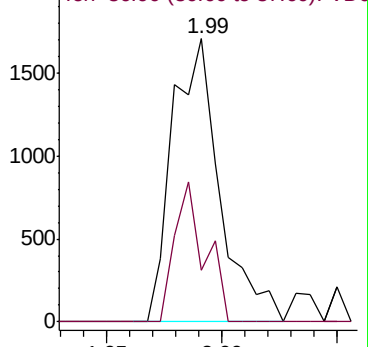
85 100

87 18.1 14.2 42.6

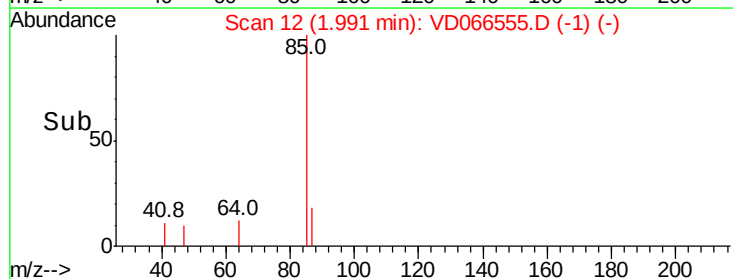


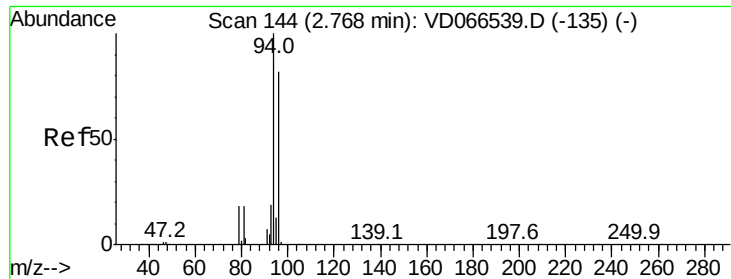
Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD066555.D

Acq: 04 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

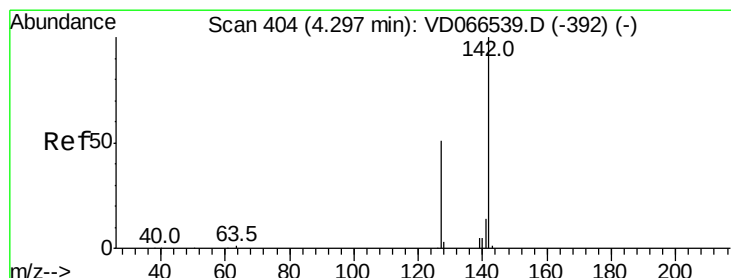
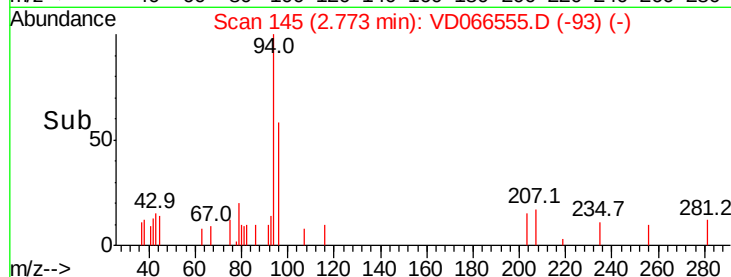
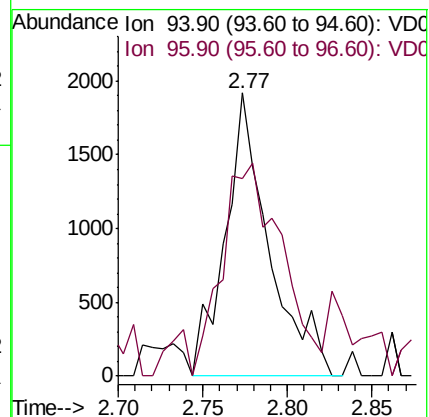
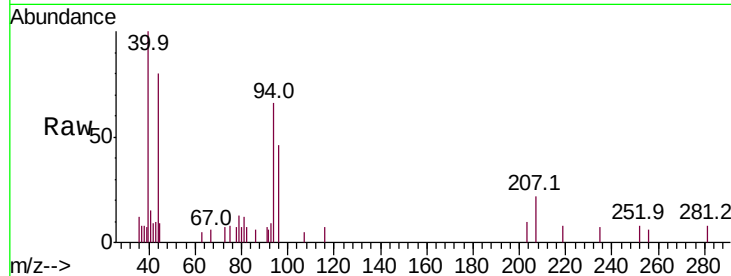
VD0904SBL01

Tot Ion: 94 Resp: 3460

Ion Ratio Lower Upper

94 100

96 69.7 65.2 97.8



#10

Methyl Iodide

Concen: 4.546 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066555.D

Acq: 04 Sep 2020 11:31

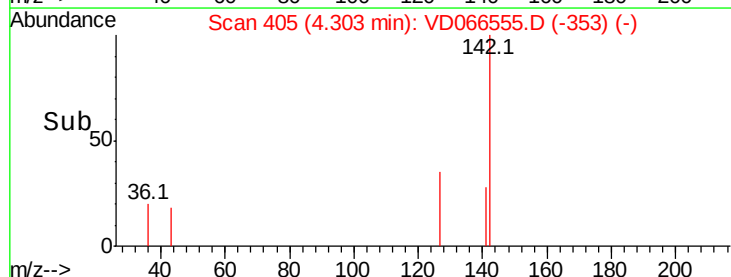
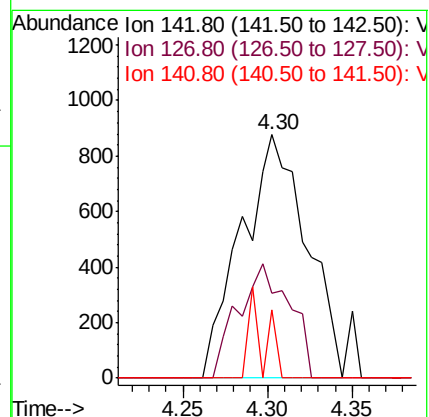
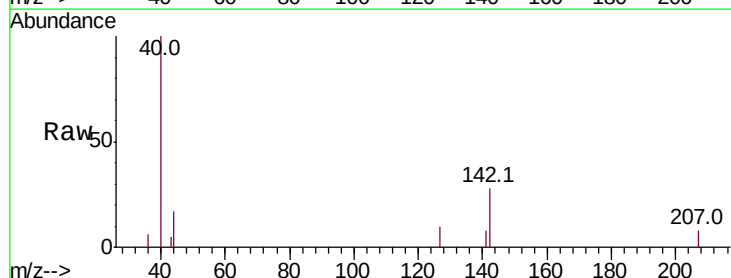
Tgt Ion: 142 Resp: 2359

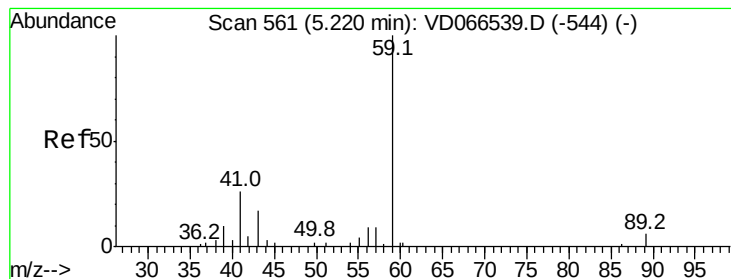
Ion Ratio Lower Upper

142 100

127 37.0 40.6 61.0#

141 8.6 12.2 18.4#



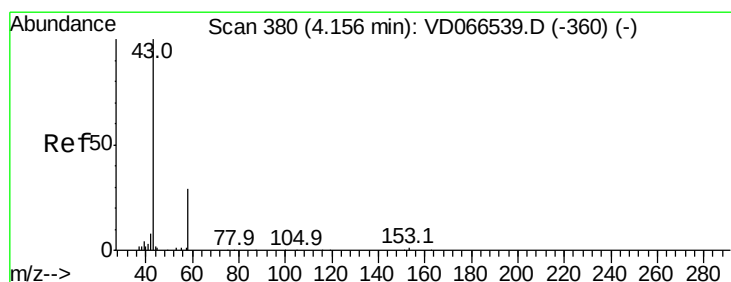
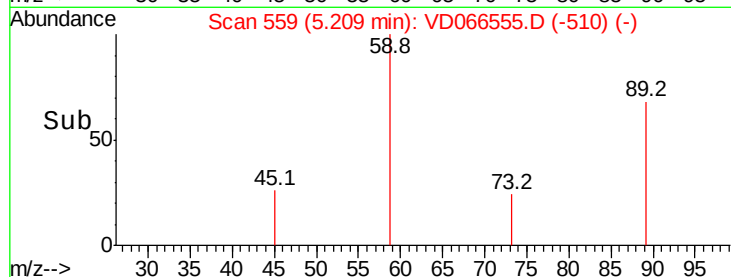
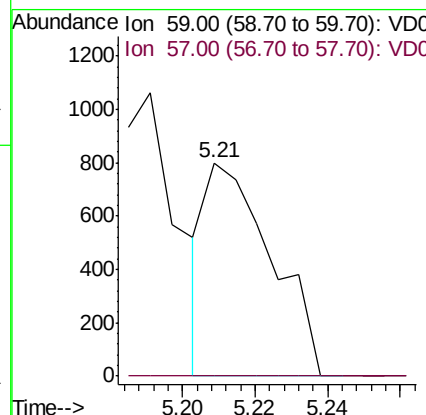
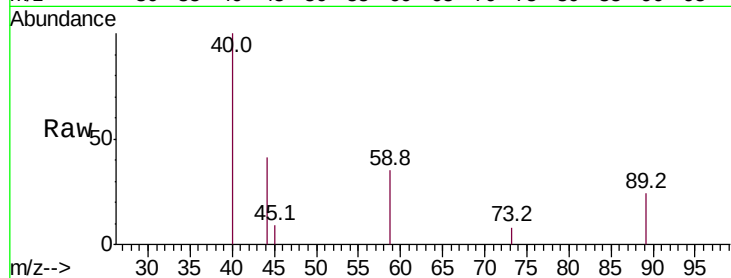


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD066555.D
 Acq: 04 Sep 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBL01

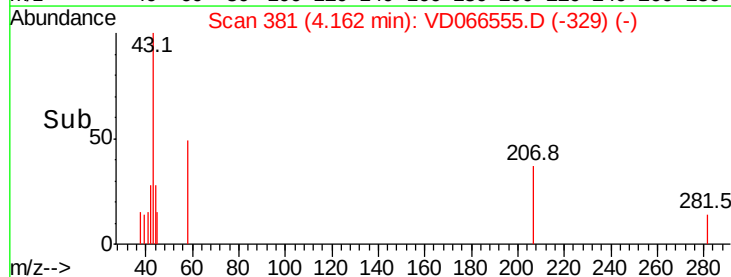
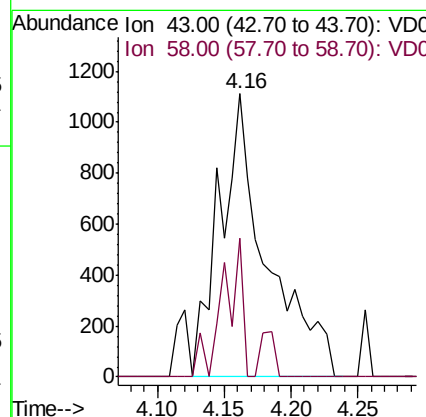
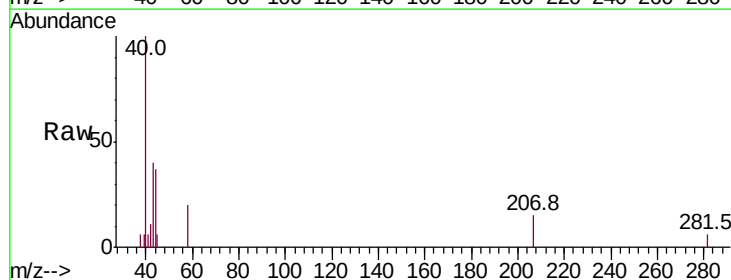
Tot Ion: 59 Resp: 1005
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.6 11.4#

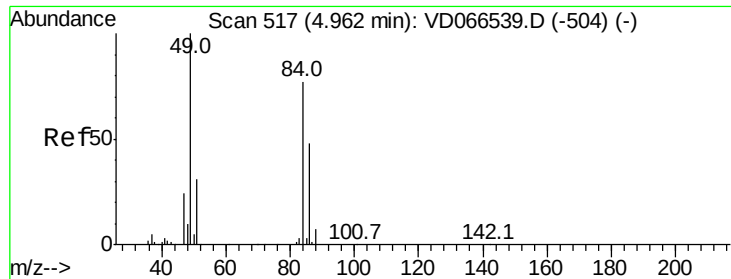


#16

Acetone
 Concen: 3.047 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD066555.D
 Acq: 04 Sep 2020 11:31

Tgt Ion: 43 Resp: 2752
 Ion Ratio Lower Upper
 43 100
 58 48.9 22.9 34.3#

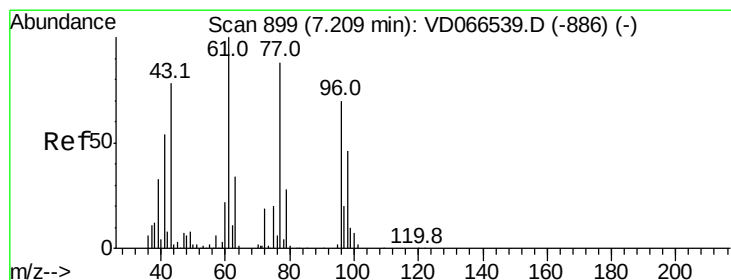
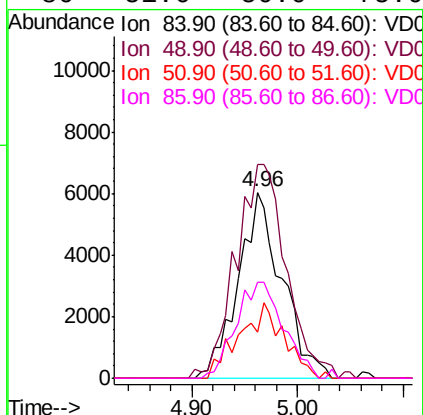
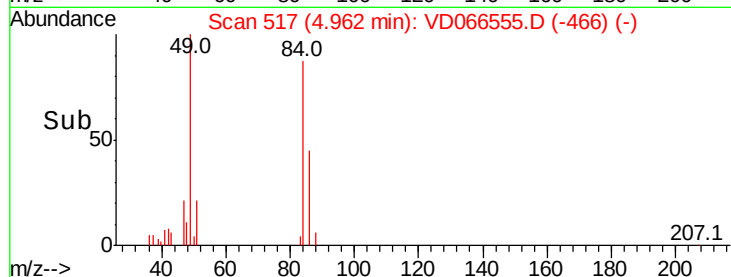
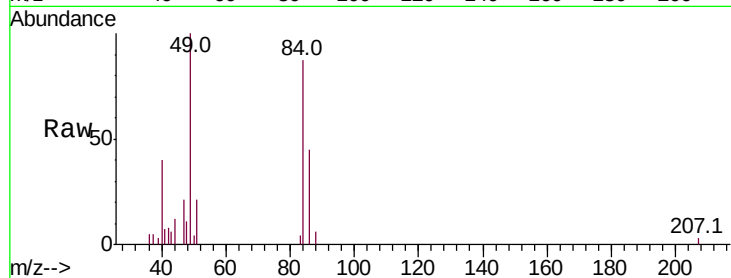




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066555.D
Acq: 04 Sep 2020 11:31

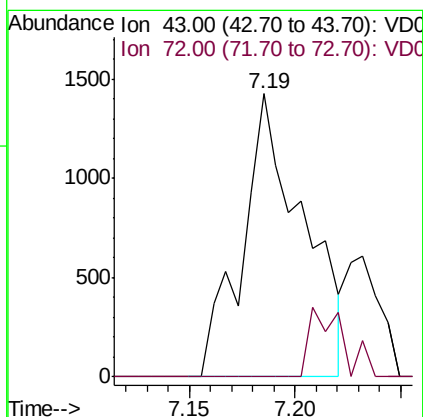
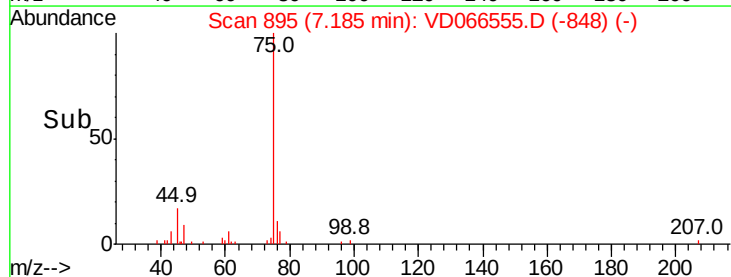
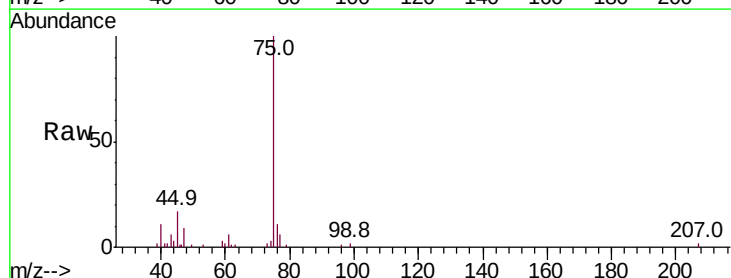
Instrument :
MSVOA_D
ClientSampleId :
VD0904SBL01

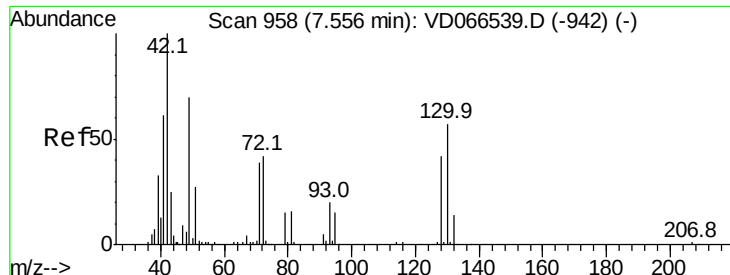
Tot Ion: 84 Resp: 17363
Ion Ratio Lower Upper
84 100
49 114.8 104.3 156.5
51 24.6 32.2 48.4#
86 51.6 50.0 75.0



#25
2-Butanone
Concen: 2.368 ug/l
RT: 7.19 min Scan# 895
Delta R.T. -0.02 min
Lab File: VD066555.D
Acq: 04 Sep 2020 11:31

Tgt Ion: 43 Resp: 2871
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#





#29

Tetrahydrofuran

Concen: 1.442 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.00 min

Lab File: VD066555.D

Acq: 04 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBL01

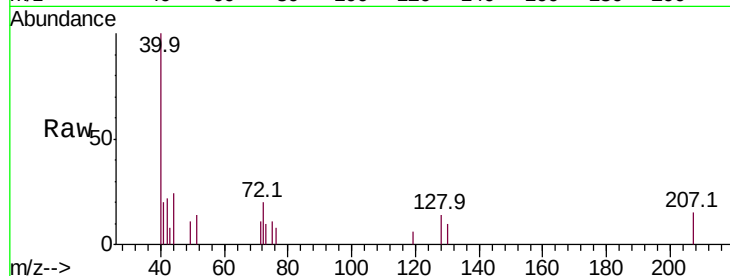
Tot Ion: 42 Resp: 1089

Ion Ratio Lower Upper

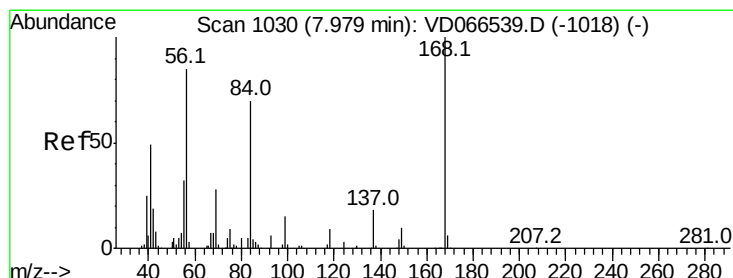
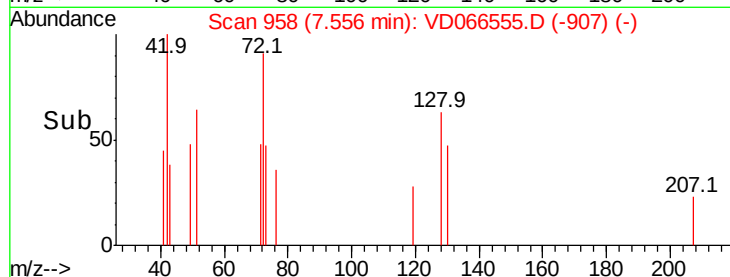
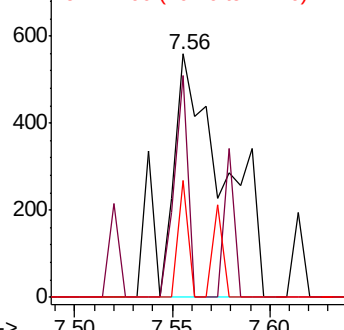
42 100

72 22.9 33.4 50.0#

71 8.6 31.9 47.9#



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



#31

Cyclohexane

Concen: 2.019 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066555.D

Acq: 04 Sep 2020 11:31

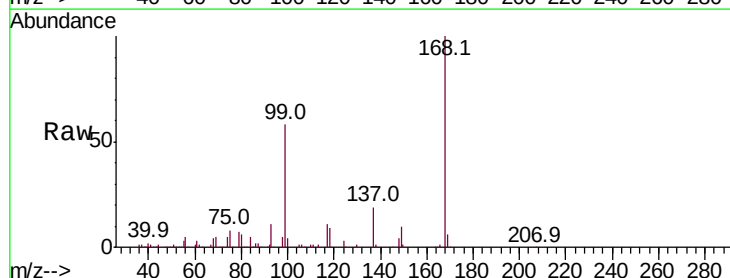
Tgt Ion: 56 Resp: 16168

Ion Ratio Lower Upper

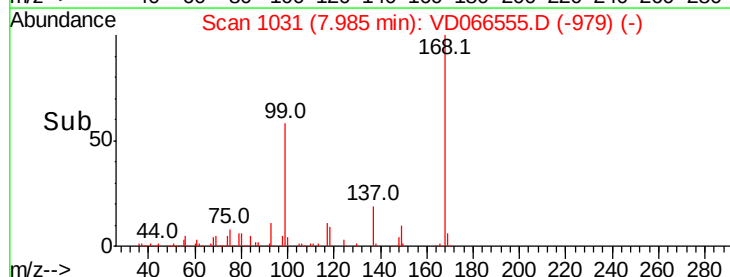
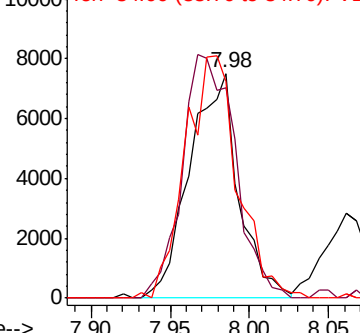
56 100

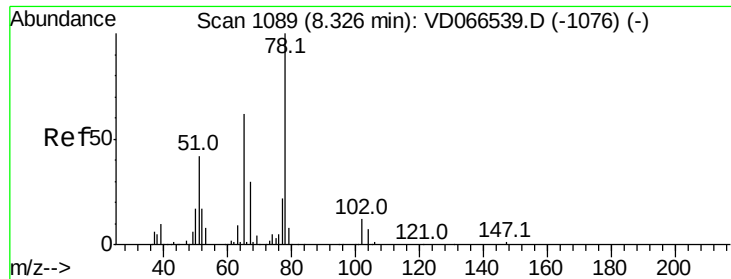
69 93.2 26.3 39.5#

84 93.8 66.1 99.1



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: 52.427 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

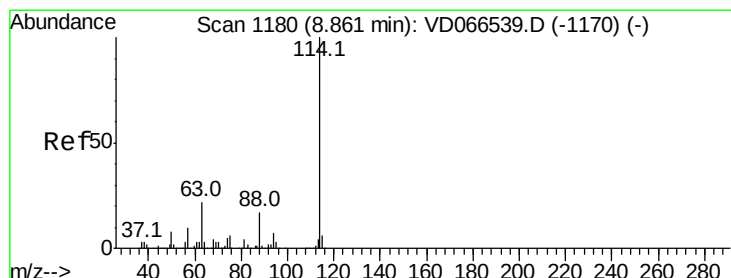
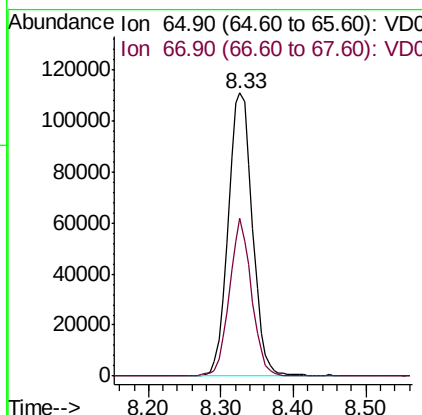
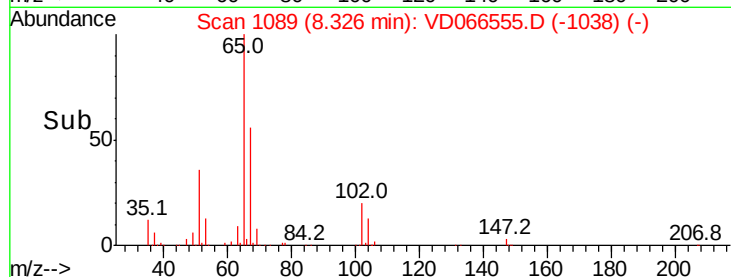
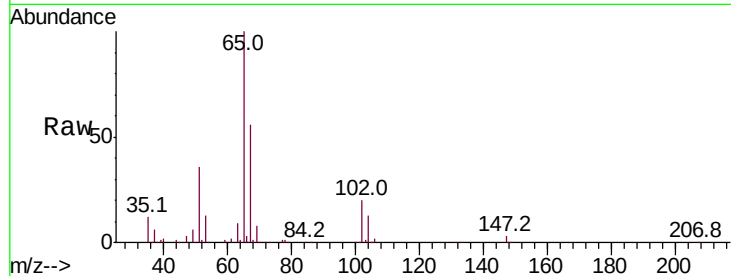
Lab File: VD066555.D

Acq: 04 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBL01

Tot Ion: 65 Resp: 257307

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

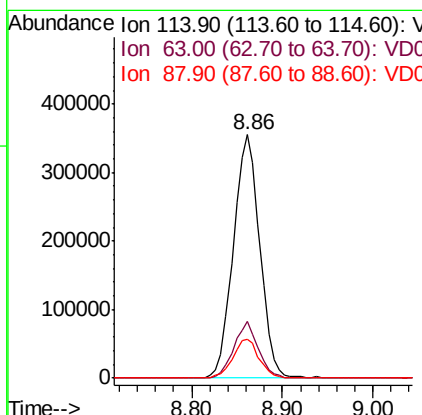
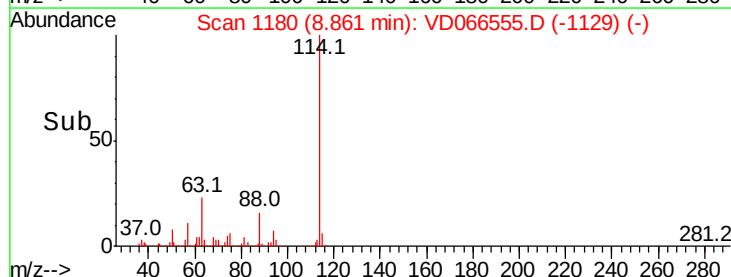
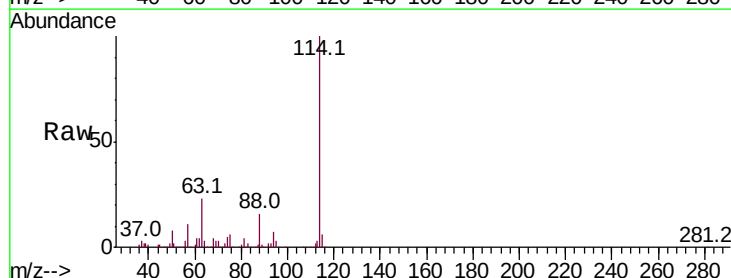
Delta R.T. 0.00 min

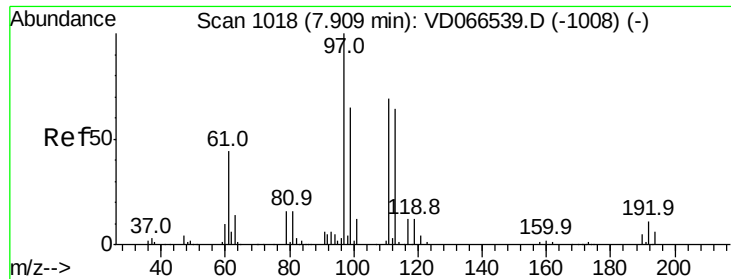
Lab File: VD066555.D

Acq: 04 Sep 2020 11:31

Tgt Ion: 114 Resp: 718936

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	43.2
88	15.9	0.0	33.2

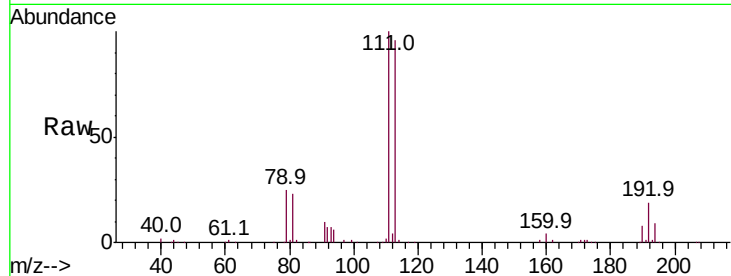




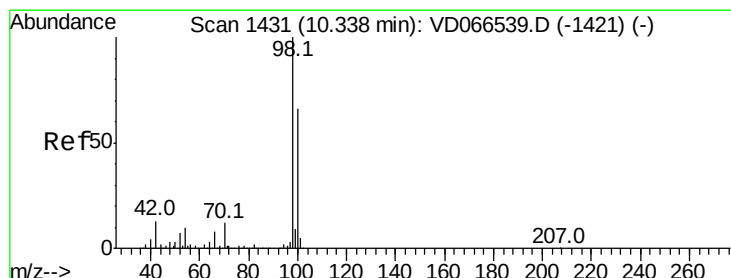
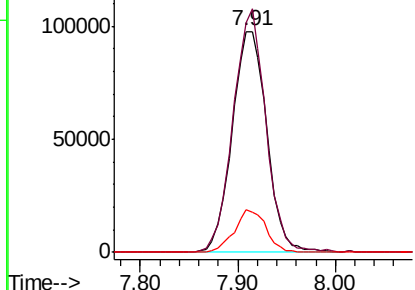
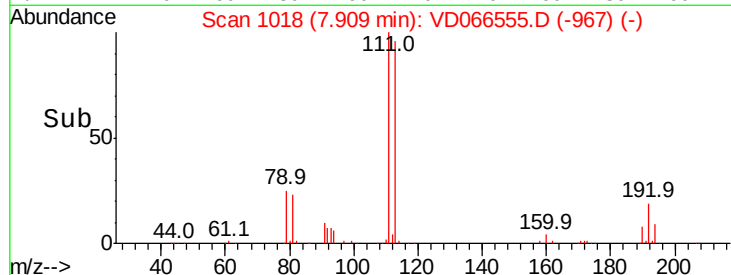
#35
 Dibromofluoromethane
 Concen: 49.780 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VD066555.D
 Acq: 04 Sep 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBL01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.2	124.8
192	17.6	13.7	20.5

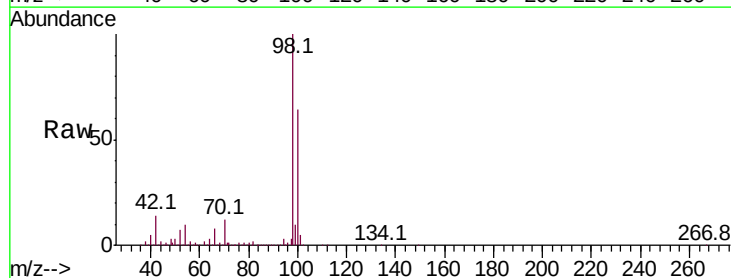


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

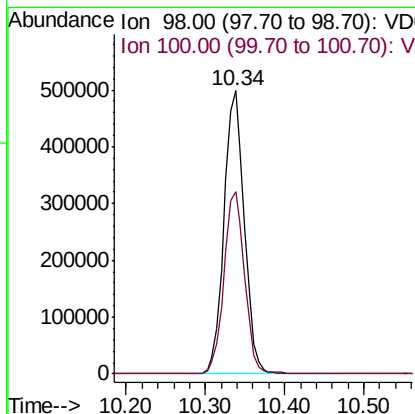
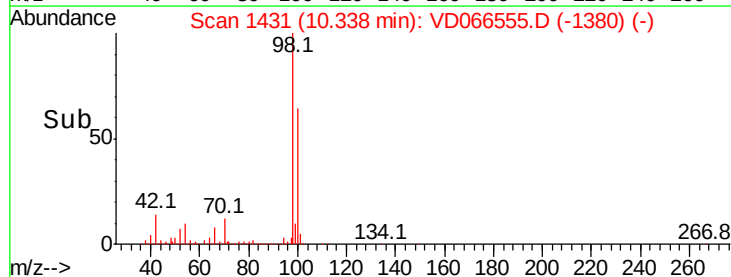


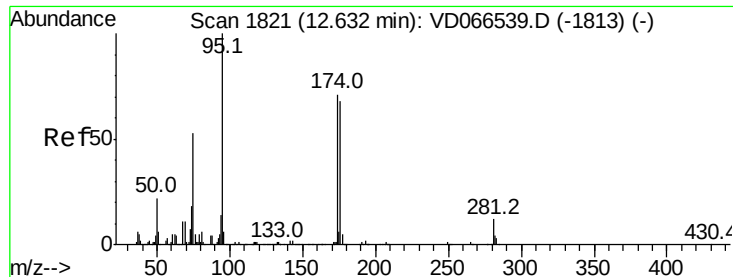
#50
 Toluene-d8
 Concen: 50.969 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066555.D
 Acq: 04 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.9	79.3



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

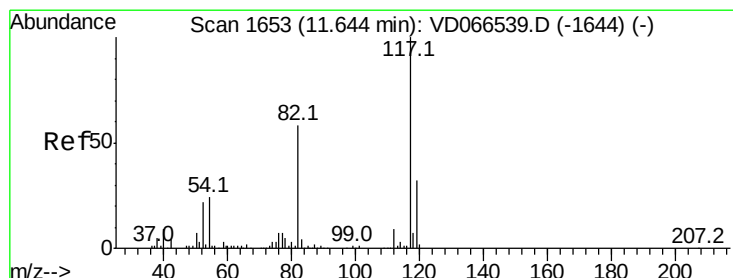
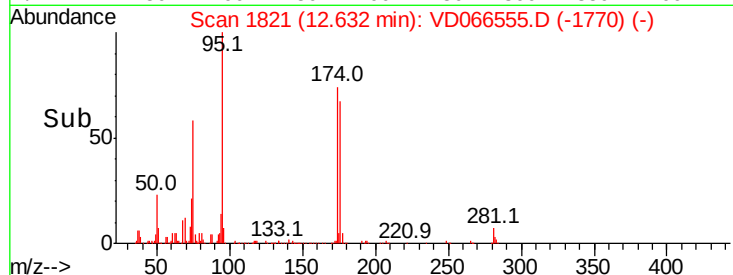
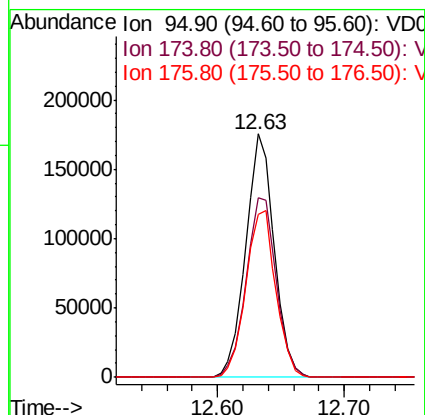
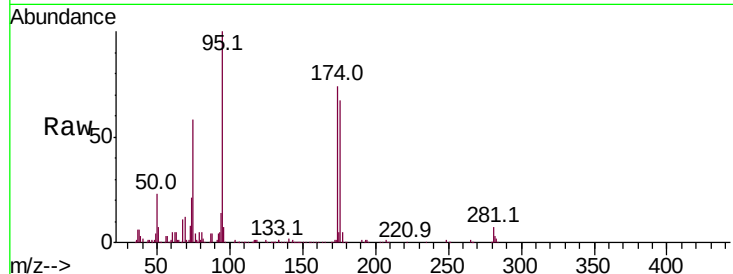




#62
4-Bromofluorobenzene
Concen: 47.547 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066555.D
Acq: 04 Sep 2020 11:31

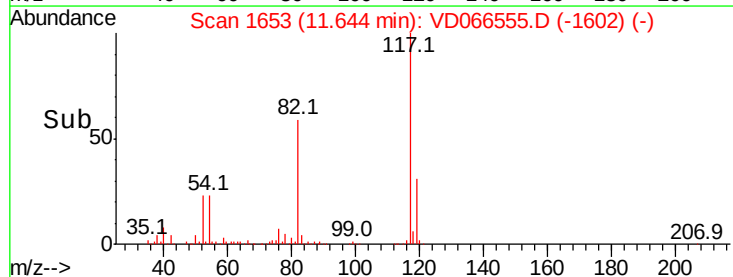
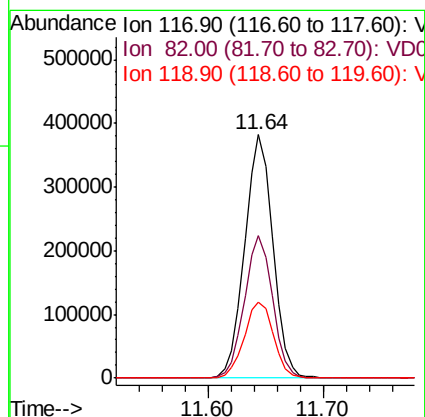
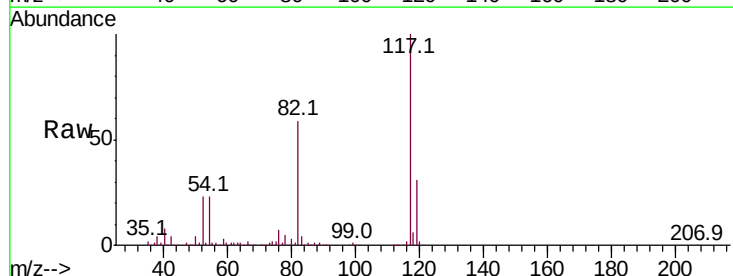
Instrument :
MSVOA_D
ClientSampleId :
VD0904SBL01

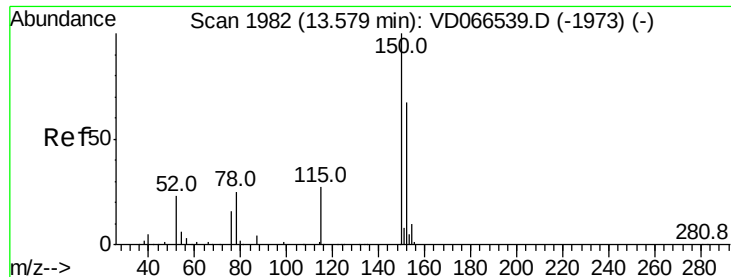
Tot Ion	95	Resp	273300
Ion Ratio	Lower	Upper	
95	100		
174	78.7	0.0	155.8
176	72.4	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066555.D
Acq: 04 Sep 2020 11:31

Tgt Ion	117	Resp	649266
Ion Ratio	Lower	Upper	
117	100		
82	58.5	46.2	69.2
119	31.4	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066555.D

Acq: 04 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBL01

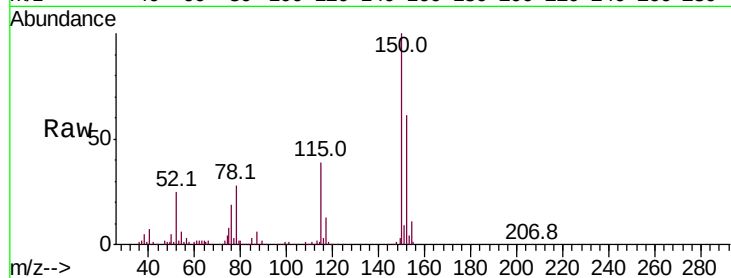
Tot Ion:152 Resp: 278554

Ion Ratio Lower Upper

152 100

115 62.6 30.4 91.2

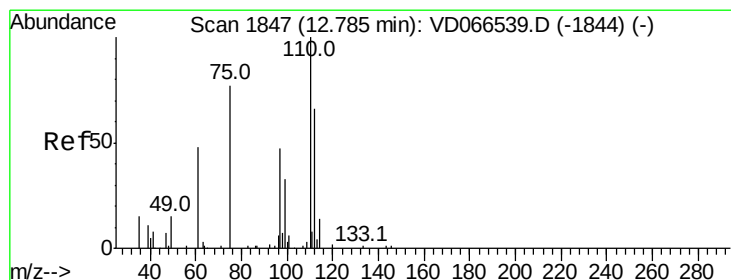
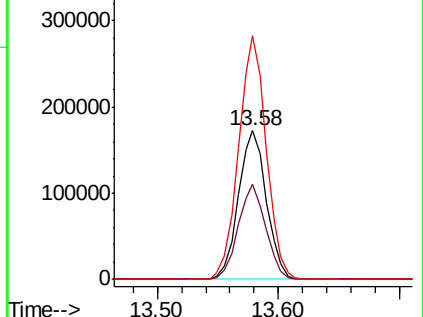
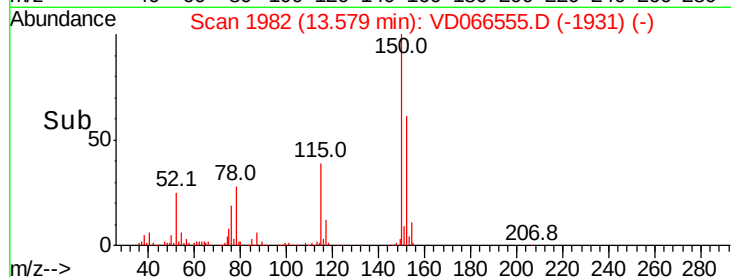
150 161.5 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 58.622 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066555.D

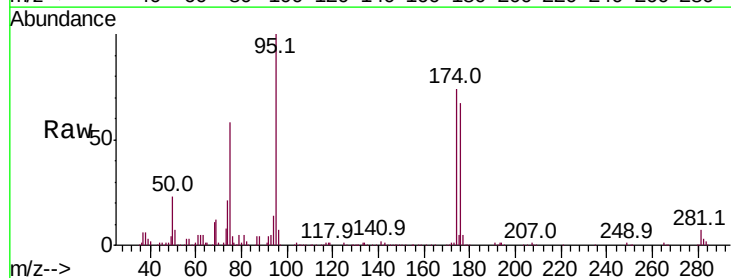
Acq: 04 Sep 2020 11:31

Tgt Ion: 75 Resp: 157044

Ion Ratio Lower Upper

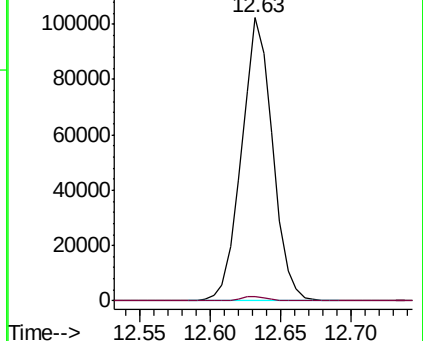
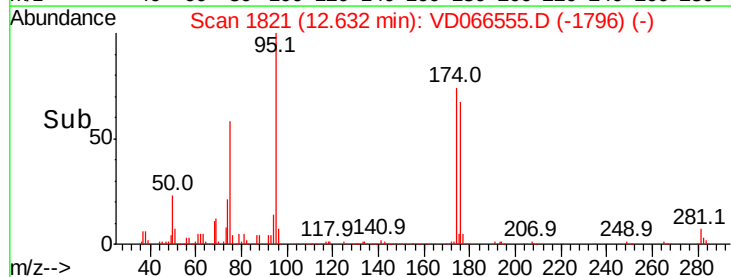
75 100

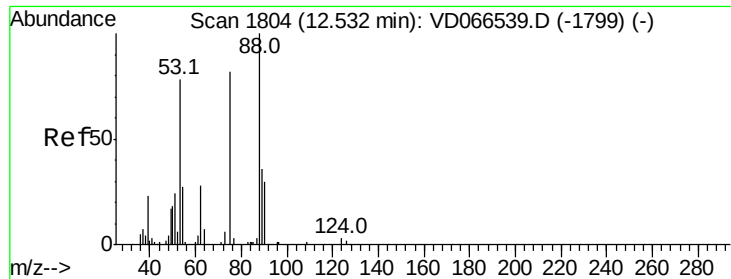
77 1.3 0.0 0.0#



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: 136.861 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066555.D

Acq: 04 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBL01

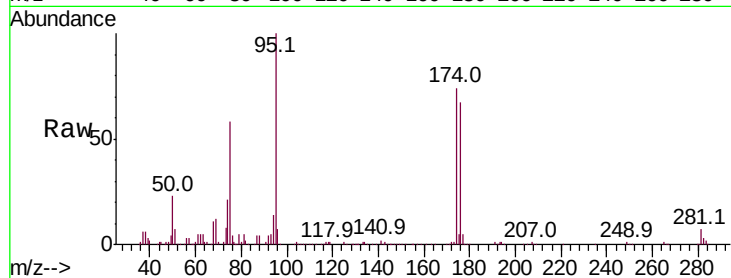
Tot Ion: 75 Resp: 157044

Ion Ratio Lower Upper

75 100

53 0.1 87.0 130.4#

89 0.0 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

