

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066210.D
 Acq On : 13 Aug 2020 14:12
 Operator : VA/SY
 Sample : VD0813SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBL01

Quant Time: Aug 14 03:00:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	289635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	446604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	421787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	205271	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	152176	58.89	ug/l	0.00
Spiked Amount			Recovery	=	117.78%	
35) Dibromofluoromethane	7.91	113	151624	53.59	ug/l	0.00
Spiked Amount			Recovery	=	107.18%	
50) Toluene-d8	10.33	98	539979	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.63	95	189824	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	

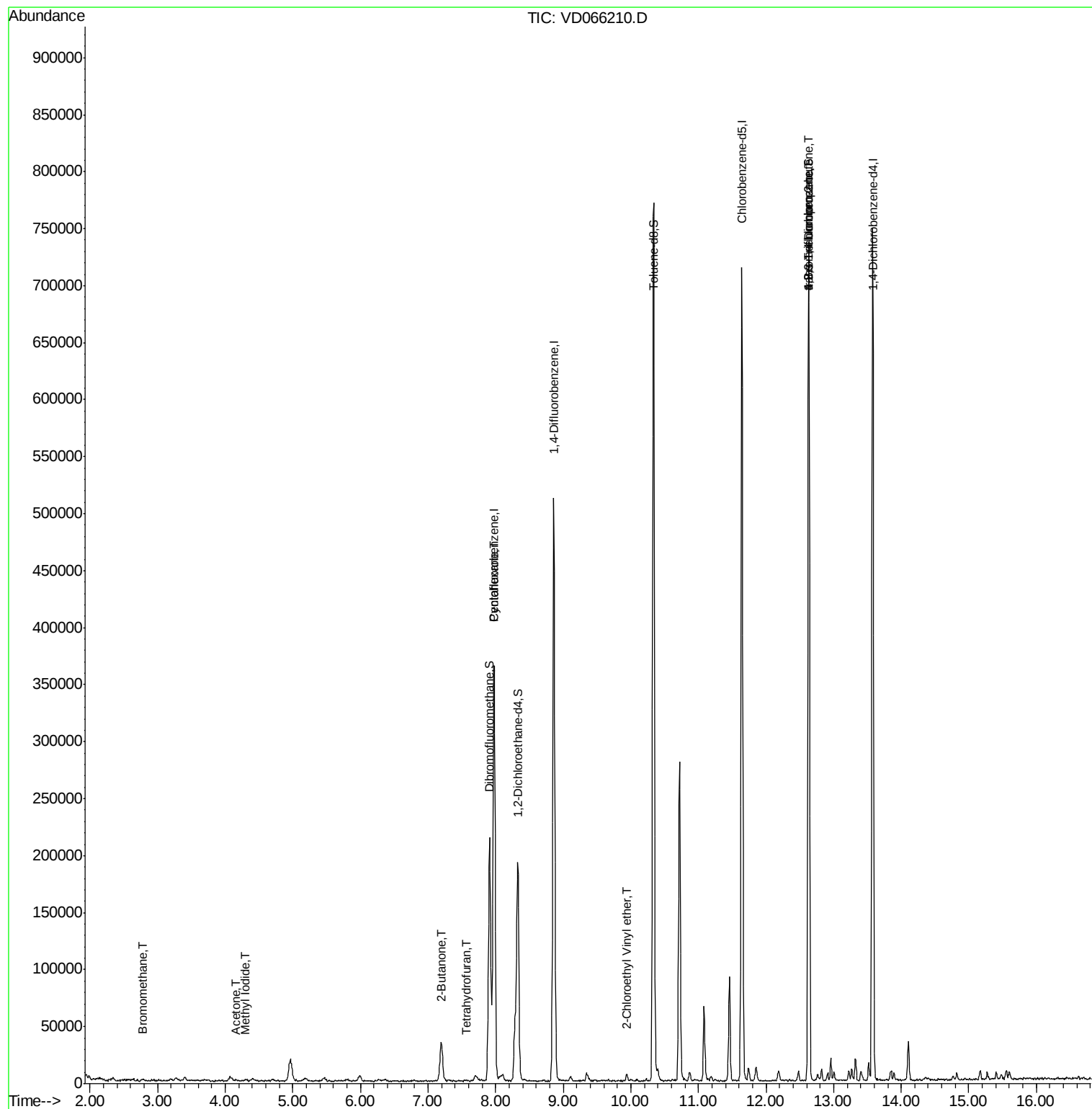
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.79	94	1191	1.021	ug/l #	69
10) Methyl Iodide	4.30	142	2010	7.414	ug/l #	79
11) Tert butyl alcohol	5.25	59	196	Below Cal	#	76
16) Acetone	4.15	43	665	1.356	ug/l #	44
25) 2-Butanone	7.21	43	2377	3.296	ug/l #	47
29) Tetrahydrofuran	7.57	42	571	1.278	ug/l #	41
31) Cyclohexane	7.97	56	7714	1.704	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.94	63	2997	2.456	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	96566	56.411	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	96566	124.701	ug/l #	13

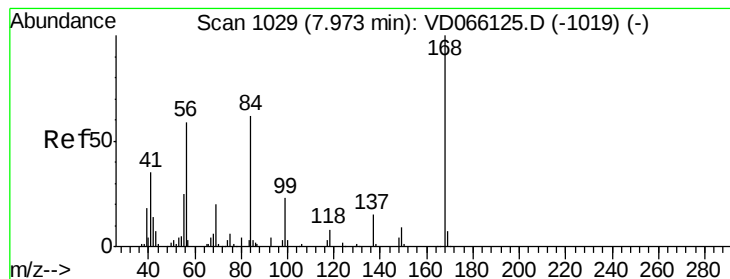
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081320\
Data File : VD066210.D
Acq On : 13 Aug 2020 14:12
Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0813SBL01

Quant Time: Aug 14 03:00:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066210.D

Acq: 13 Aug 2020 14:12

Instrument :

MSVOA_D

ClientSampleId :

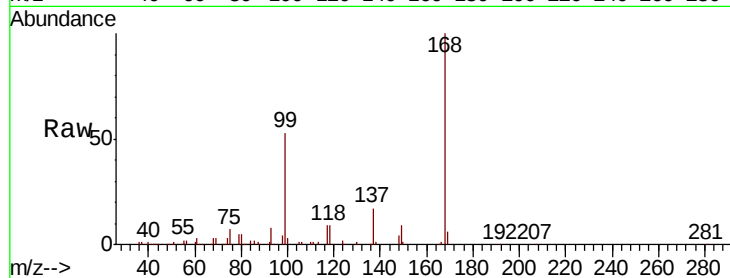
VD0813SBL01

Tot Ion:168 Resp: 289635

Ion Ratio Lower Upper

168 100

99 52.8 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

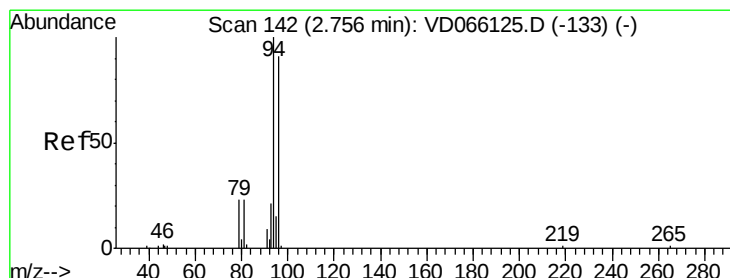
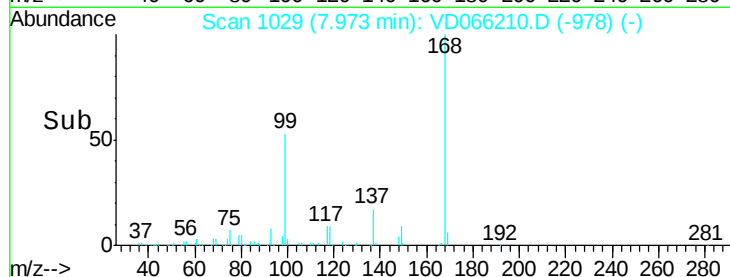
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 1.021 ug/l

RT: 2.79 min Scan# 147

Delta R.T. 0.03 min

Lab File: VD066210.D

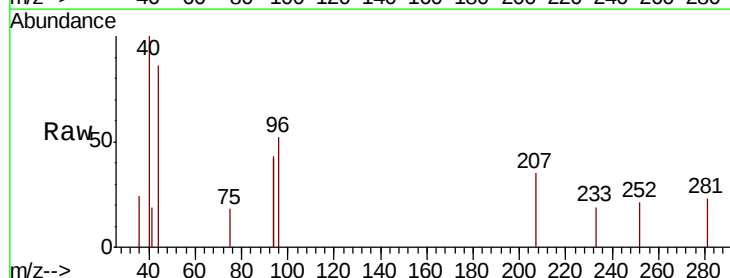
Acq: 13 Aug 2020 14:12

Tgt Ion: 94 Resp: 1191

Ion Ratio Lower Upper

94 100

96 61.3 72.6 109.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.79

800

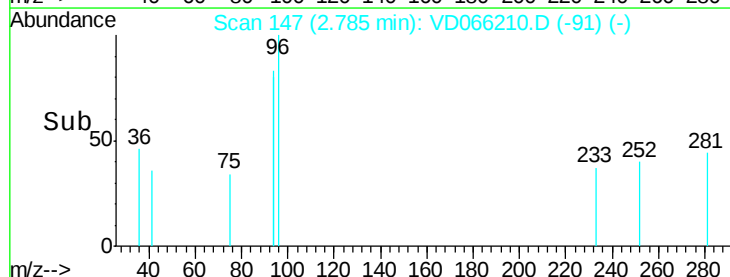
600

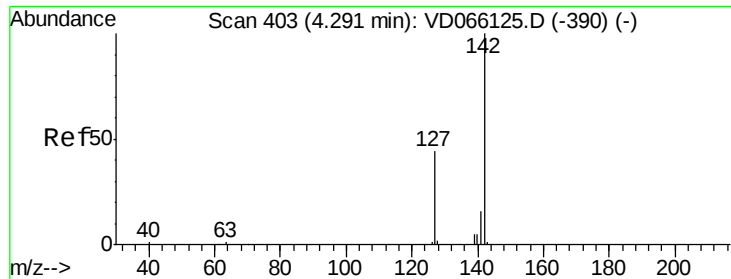
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200

0

Time-->

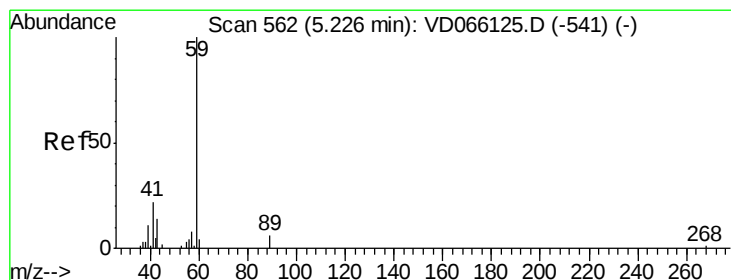
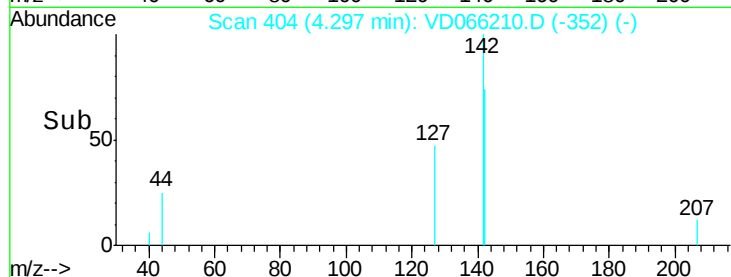
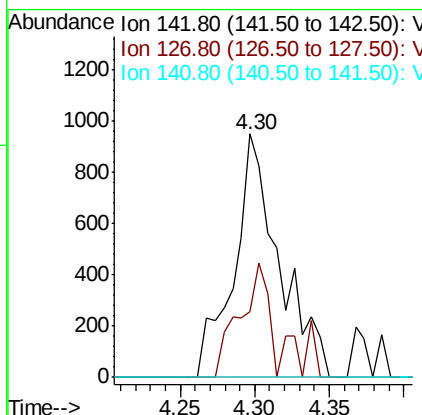
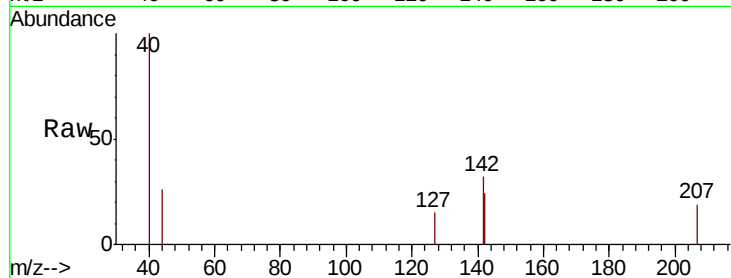




#10
Methyl Iodide
Concen: 7.414 ug/l
RT: 4.30 min Scan# 404
Delta R.T. 0.01 min
Lab File: VD066210.D
Acq: 13 Aug 2020 14:12

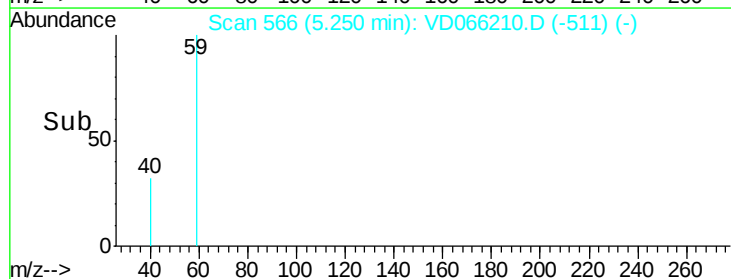
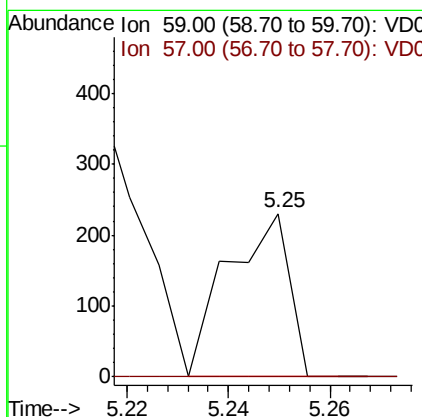
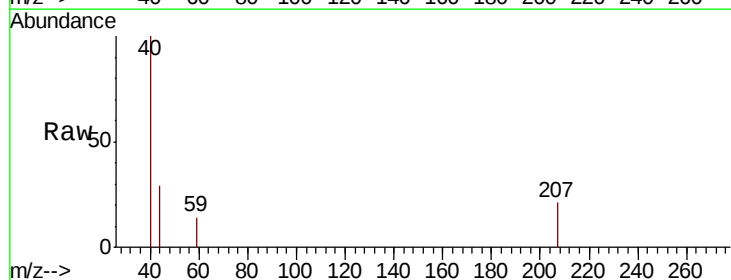
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBL01

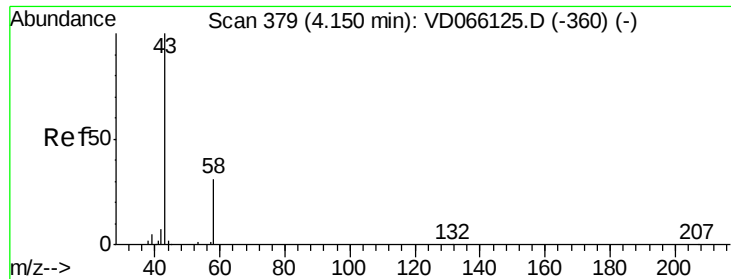
Tot Ion:142 Resp: 2010
Ion Ratio Lower Upper
142 100
127 35.2 36.2 54.4#
141 0.0 12.6 18.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.25 min Scan# 566
Delta R.T. 0.02 min
Lab File: VD066210.D
Acq: 13 Aug 2020 14:12

Tgt Ion: 59 Resp: 196
Ion Ratio Lower Upper
59 100
57 0.0 7.0 10.4#





#16

Acetone

Concen: 1.356 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066210.D

Acq: 13 Aug 2020 14:12

Instrument :

MSVOA_D

ClientSampleId :

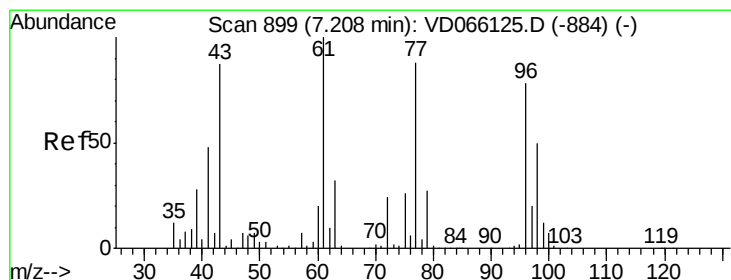
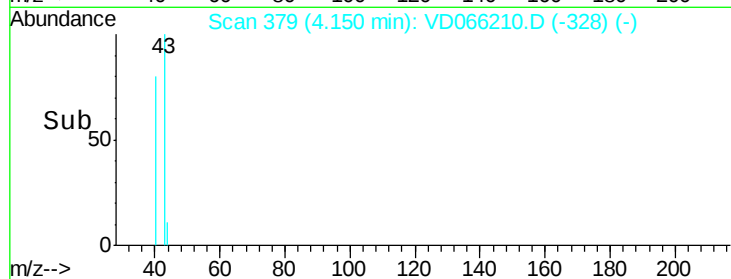
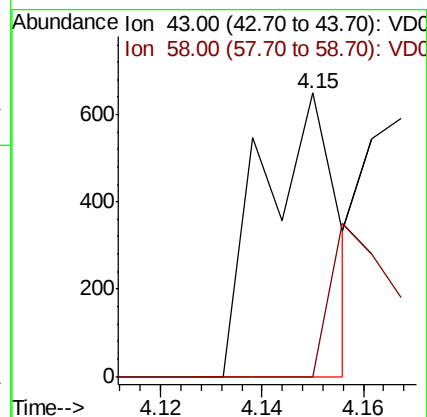
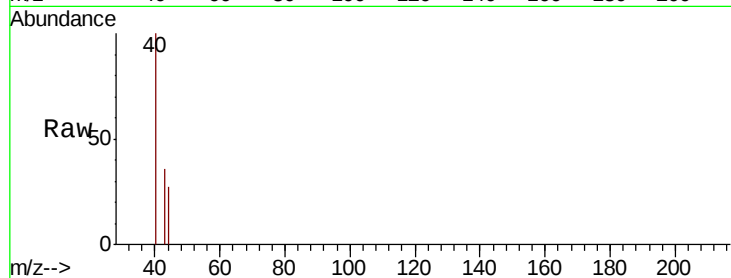
VD0813SBL01

Tot Ion: 43 Resp: 665

Ion Ratio Lower Upper

43 100

58 0.0 24.7 37.1#



#25

2-Butanone

Concen: 3.296 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066210.D

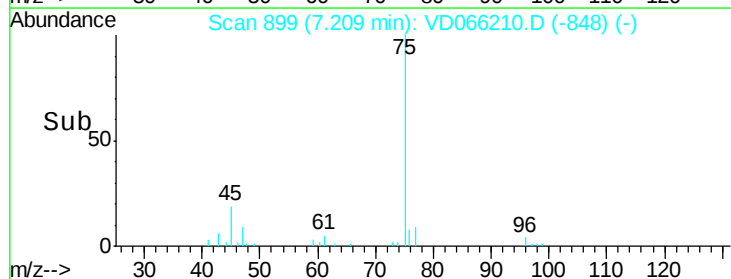
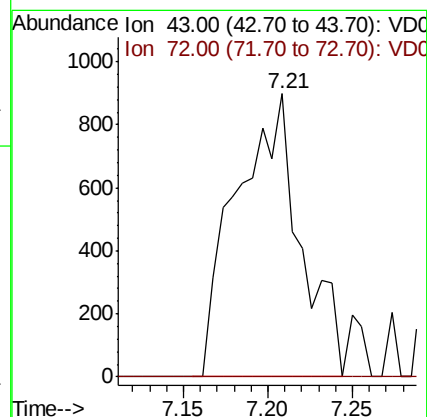
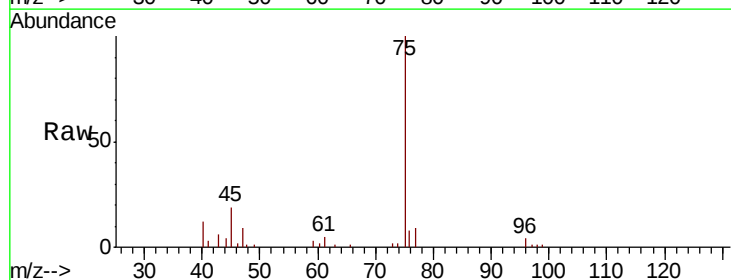
Acq: 13 Aug 2020 14:12

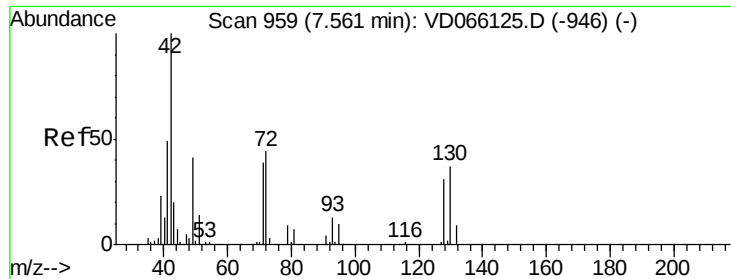
Tgt Ion: 43 Resp: 2377

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#

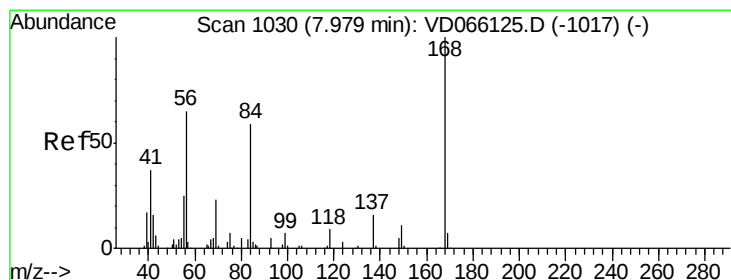
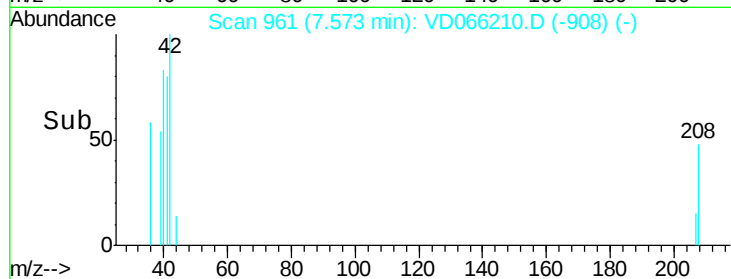
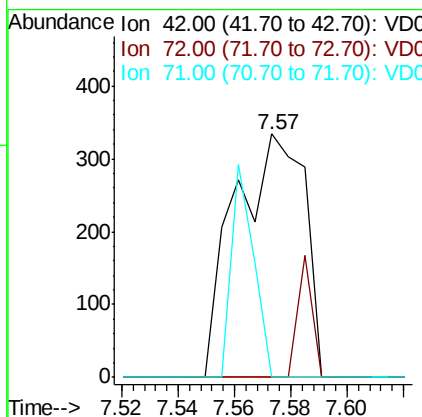
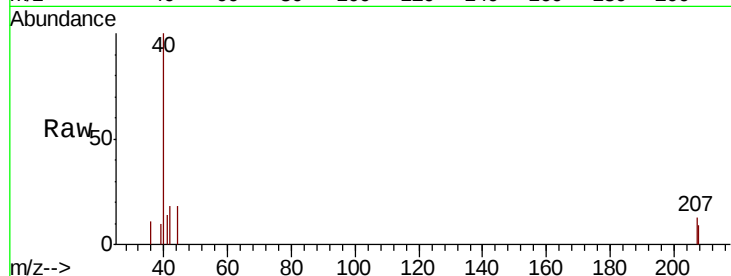




#29
Tetrahydrofuran
Concen: 1.278 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.01 min
Lab File: VD066210.D
Acq: 13 Aug 2020 14:12

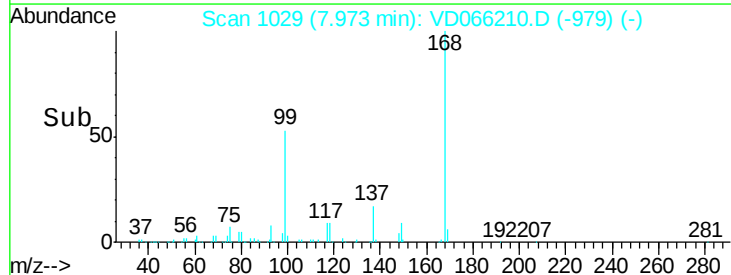
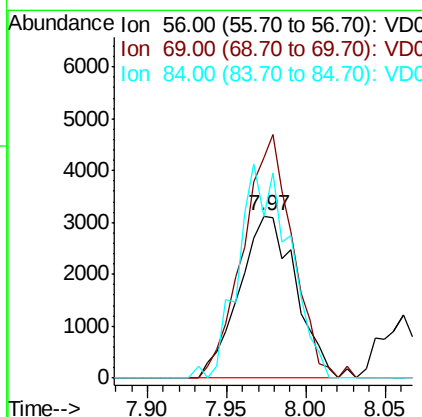
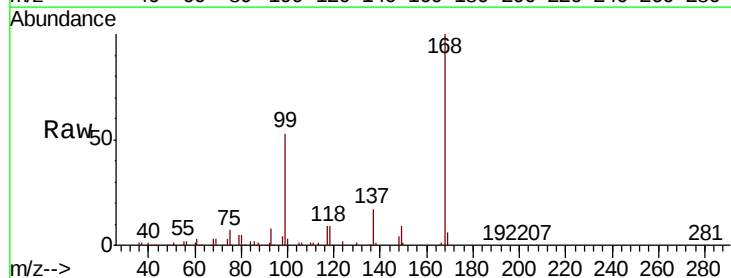
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBL01

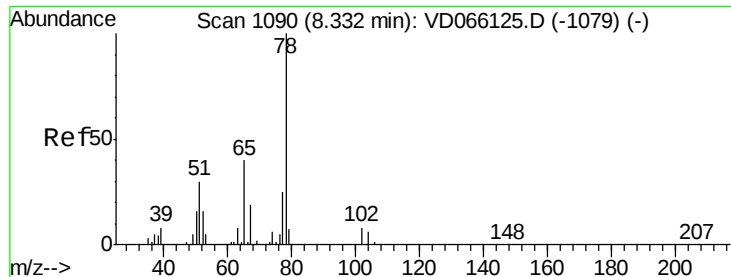
Tot Ion: 42 Resp: 571
Ion Ratio Lower Upper
42 100
72 10.3 34.8 52.2#
71 0.0 33.5 50.3#



#31
Cyclohexane
Concen: 1.704 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066210.D
Acq: 13 Aug 2020 14:12

Tgt Ion: 56 Resp: 7714
Ion Ratio Lower Upper
56 100
69 136.7 28.8 43.2#
84 100.1 73.0 109.6

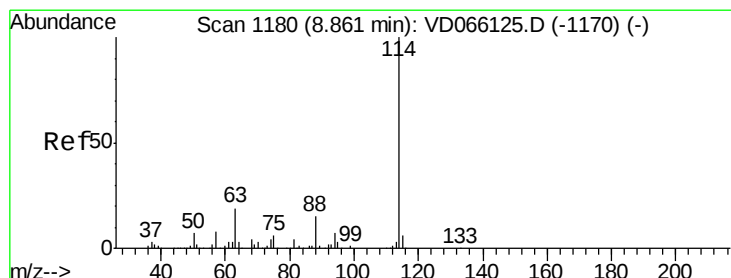
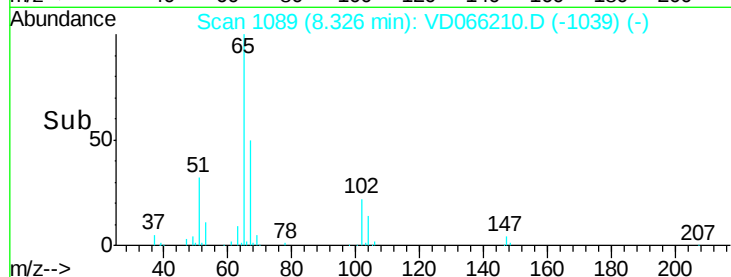
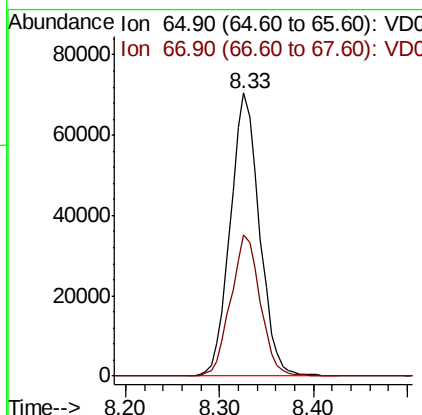
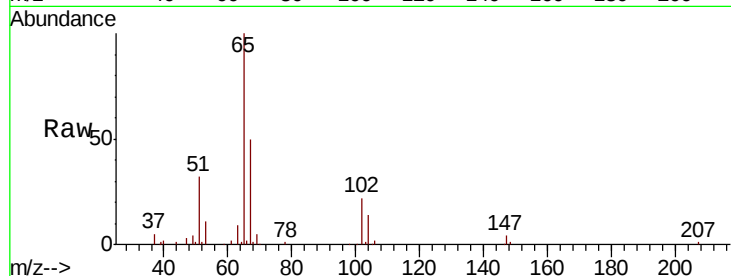




#33
 1,2-Dichloroethane-d4
 Concen: 58.892 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066210.D
 Acq: 13 Aug 2020 14:12

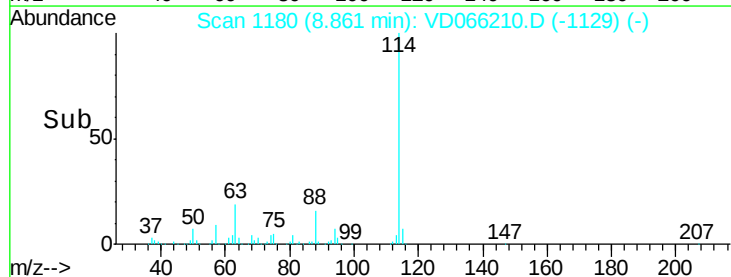
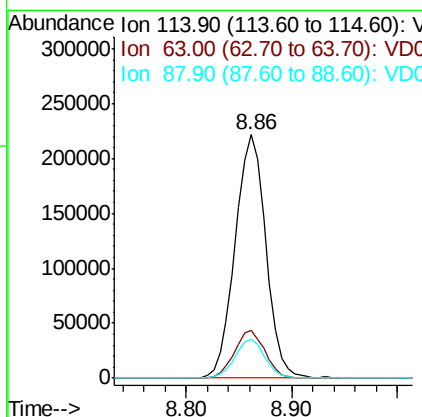
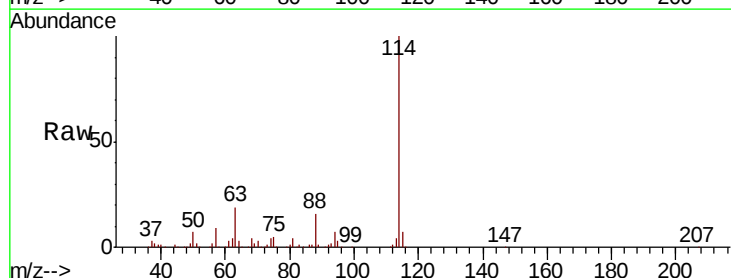
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBL01

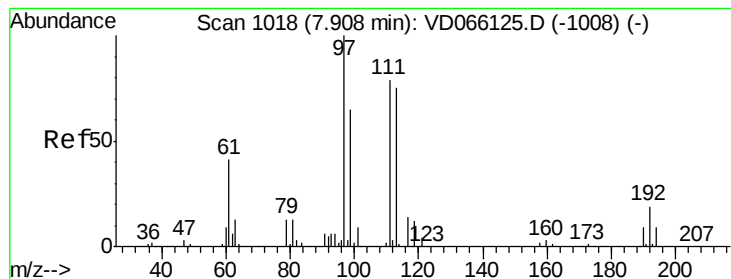
Tot Ion: 65 Resp: 152176
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066210.D
 Acq: 13 Aug 2020 14:12

Tgt Ion: 114 Resp: 446604
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 16.1 0.0 30.0

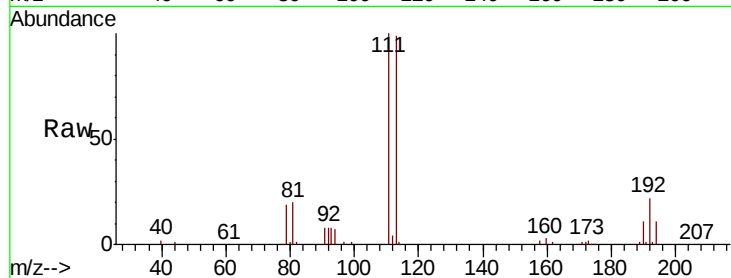




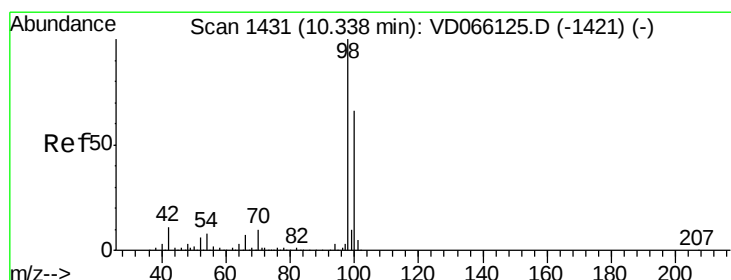
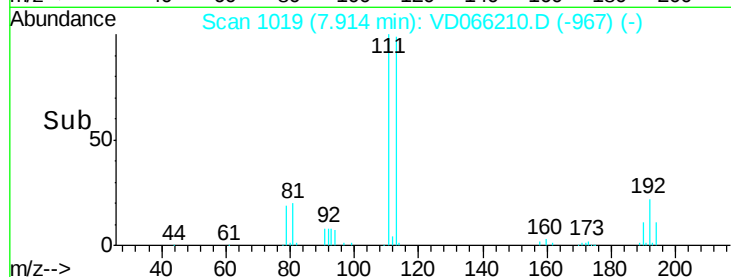
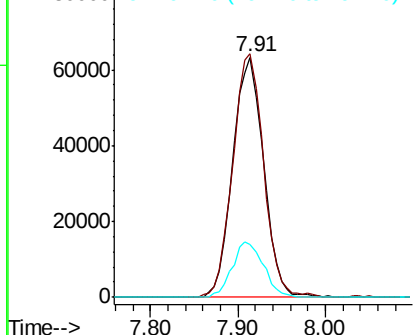
#35
 Dibromofluoromethane
 Concen: 53.593 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066210.D
 Acq: 13 Aug 2020 14:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBL01

Tot Ion:113 Resp: 151624
 Ion Ratio Lower Upper
 113 100
 111 101.3 80.7 121.1
 192 23.4 18.4 27.6

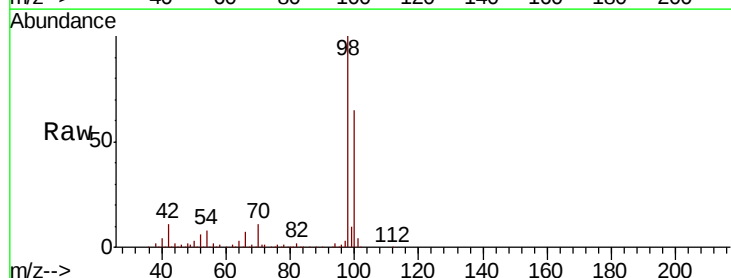


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

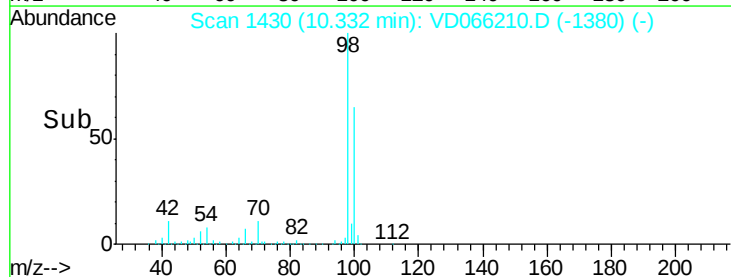
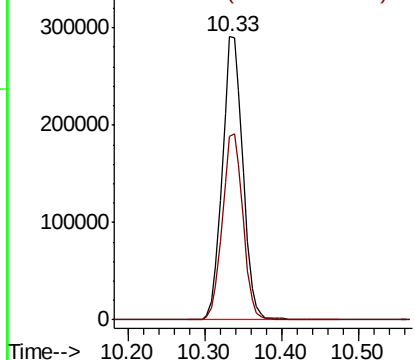


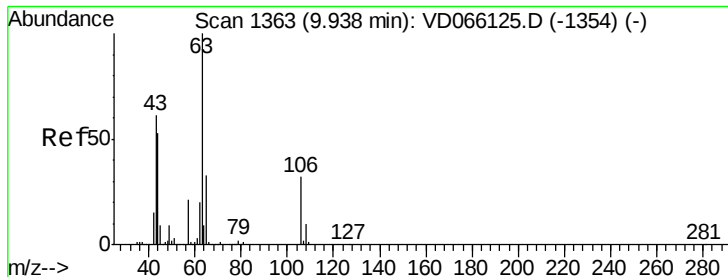
#50
 Toluene-d8
 Concen: 51.720 ug/l
 RT: 10.33 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: VD066210.D
 Acq: 13 Aug 2020 14:12

Tgt Ion: 98 Resp: 539979
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.6 78.8



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





#58

2-Chloroethyl Vinyl ether

Concen: 2.456 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066210.D

Acq: 13 Aug 2020 14:12

Instrument :

MSVOA_D

ClientSampleId :

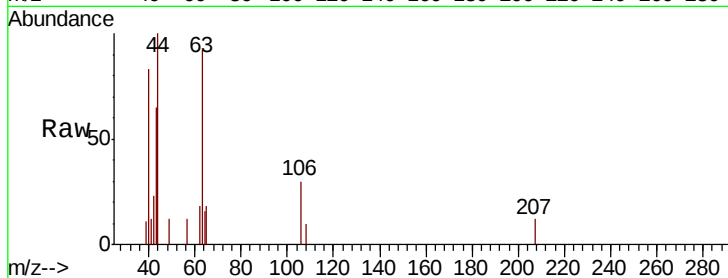
VD0813SBL01

Tot Ion: 63 Resp: 2997

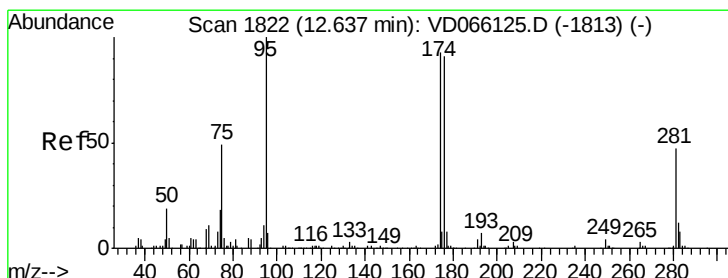
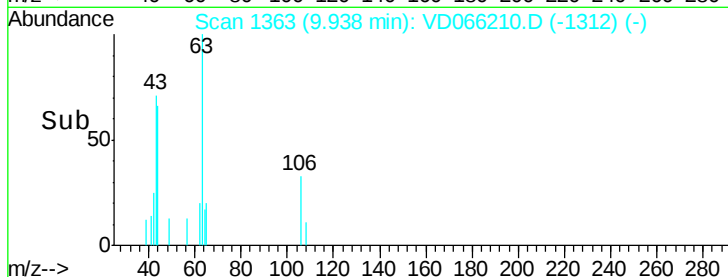
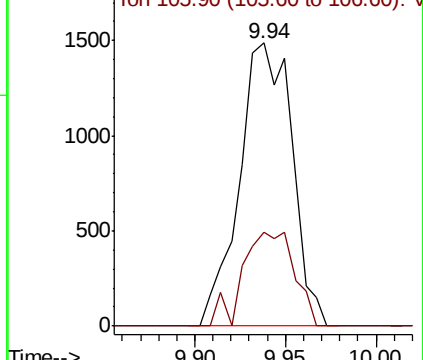
Ion Ratio Lower Upper

63 100

106 32.7 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): V



#62

4-Bromofluorobenzene

Concen: 50.440 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066210.D

Acq: 13 Aug 2020 14:12

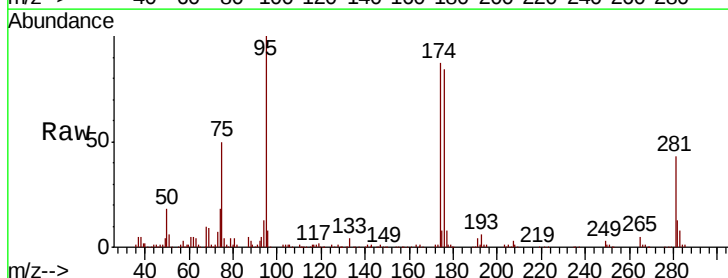
Tgt Ion: 95 Resp: 189824

Ion Ratio Lower Upper

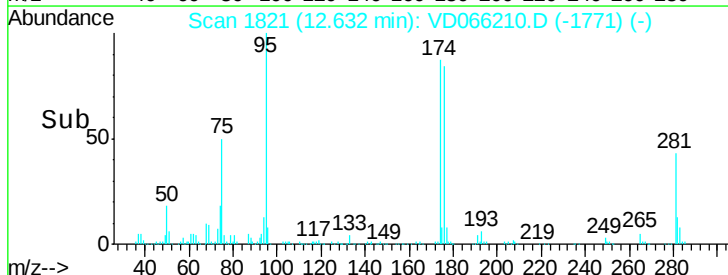
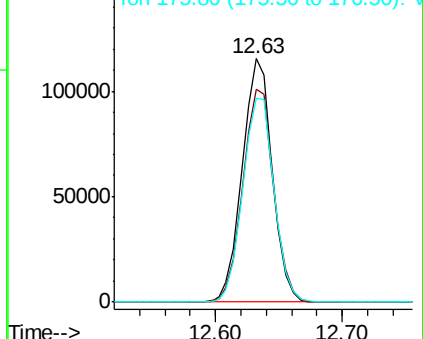
95 100

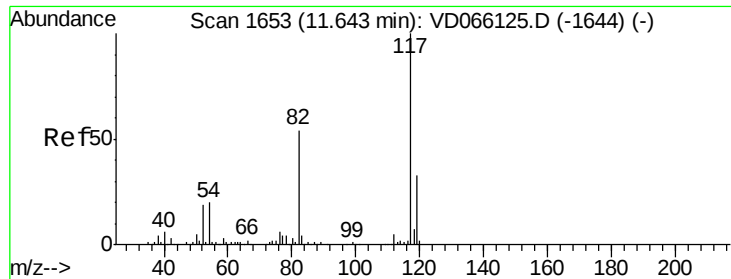
174 89.7 0.0 180.8

176 87.3 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): V

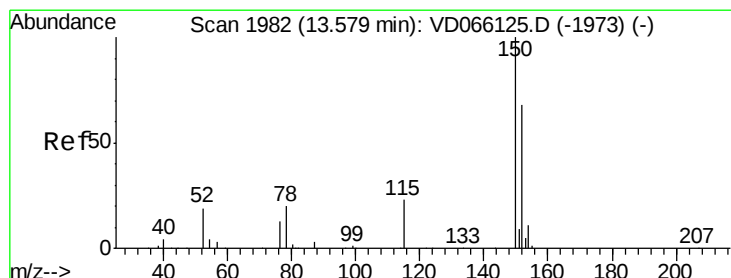
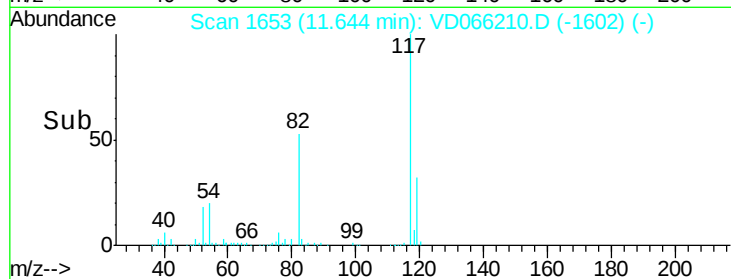
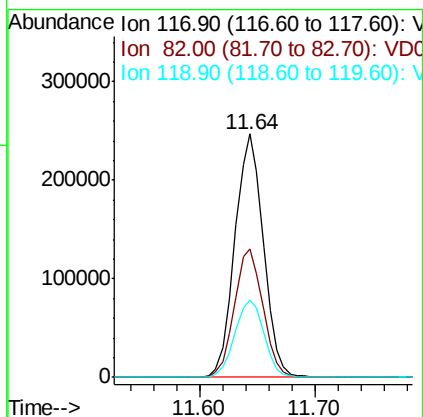
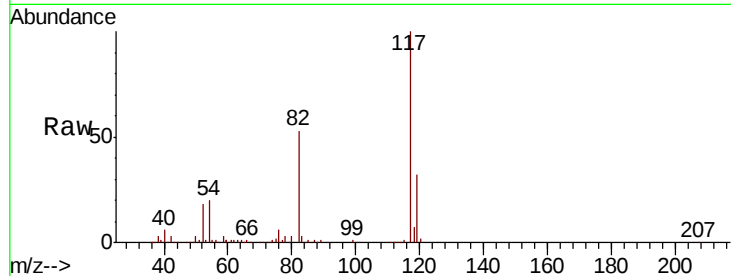




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066210.D
Acq: 13 Aug 2020 14:12

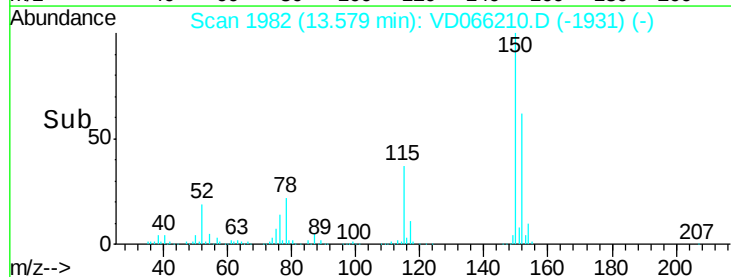
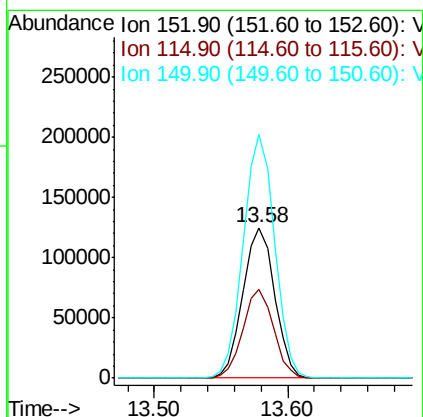
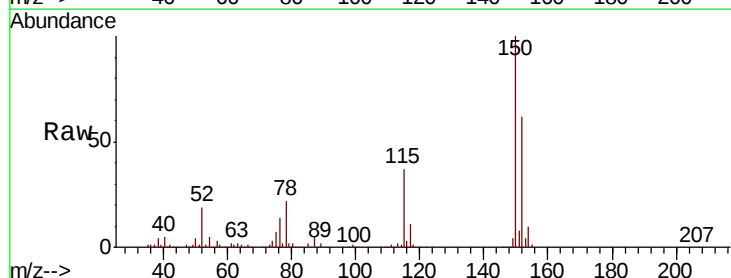
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBL01

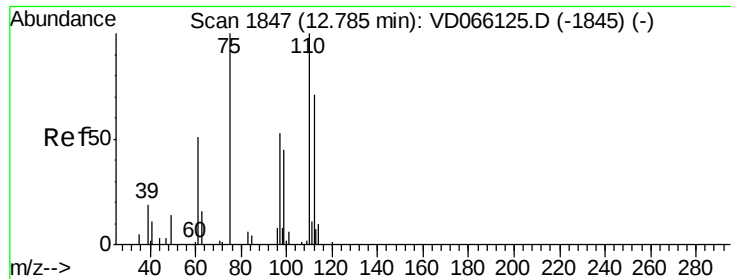
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.4
119	32.0	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066210.D
Acq: 13 Aug 2020 14:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.0	83.9
150	159.6	0.0	346.4





#76

1,2,3-Trichloropropane

Concen: 56.411 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066210.D

Acq: 13 Aug 2020 14:12

Instrument :

MSVOA_D

ClientSampleId :

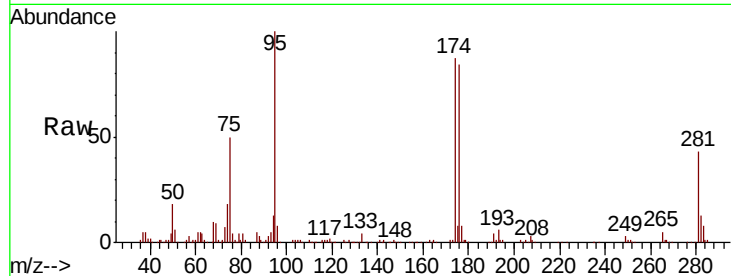
VD0813SBL01

Tot Ion: 75 Resp: 96566

Ion Ratio Lower Upper

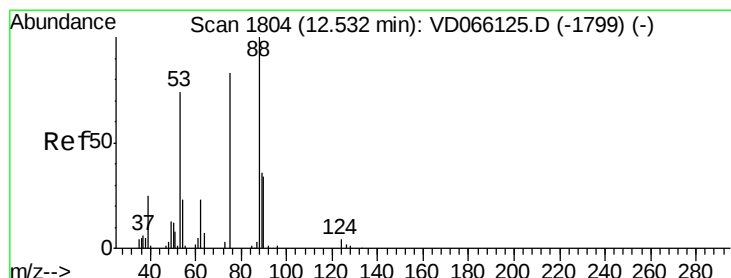
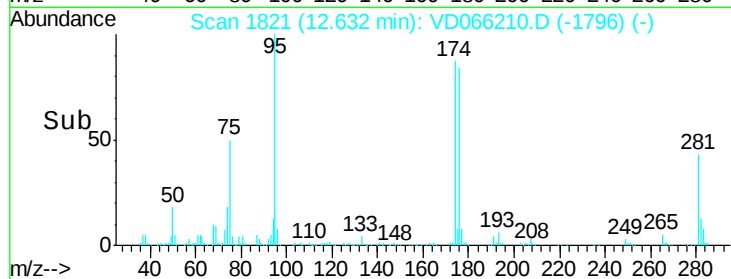
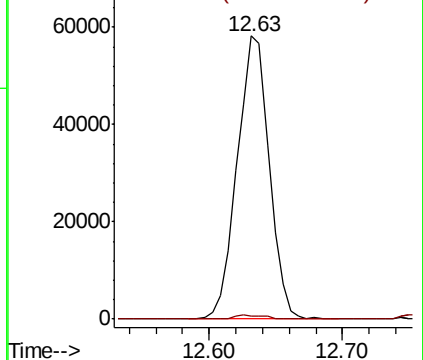
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 124.701 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066210.D

Acq: 13 Aug 2020 14:12

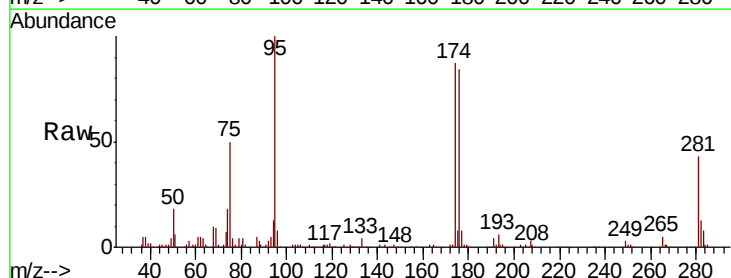
Tgt Ion: 75 Resp: 96566

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 1.0 36.6 55.0#



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

