

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066218.D
 Acq On : 13 Aug 2020 18:51
 Operator : VA/SY
 Sample : L3658-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-235

Quant Time: Aug 14 03:04:01 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	295281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	479484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	573672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	332680	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	125301	47.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.12%	
35) Dibromofluoromethane	7.91	113	131308	43.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.46%	
50) Toluene-d8	10.34	98	589422	52.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.63	95	280465	69.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	138.82%	

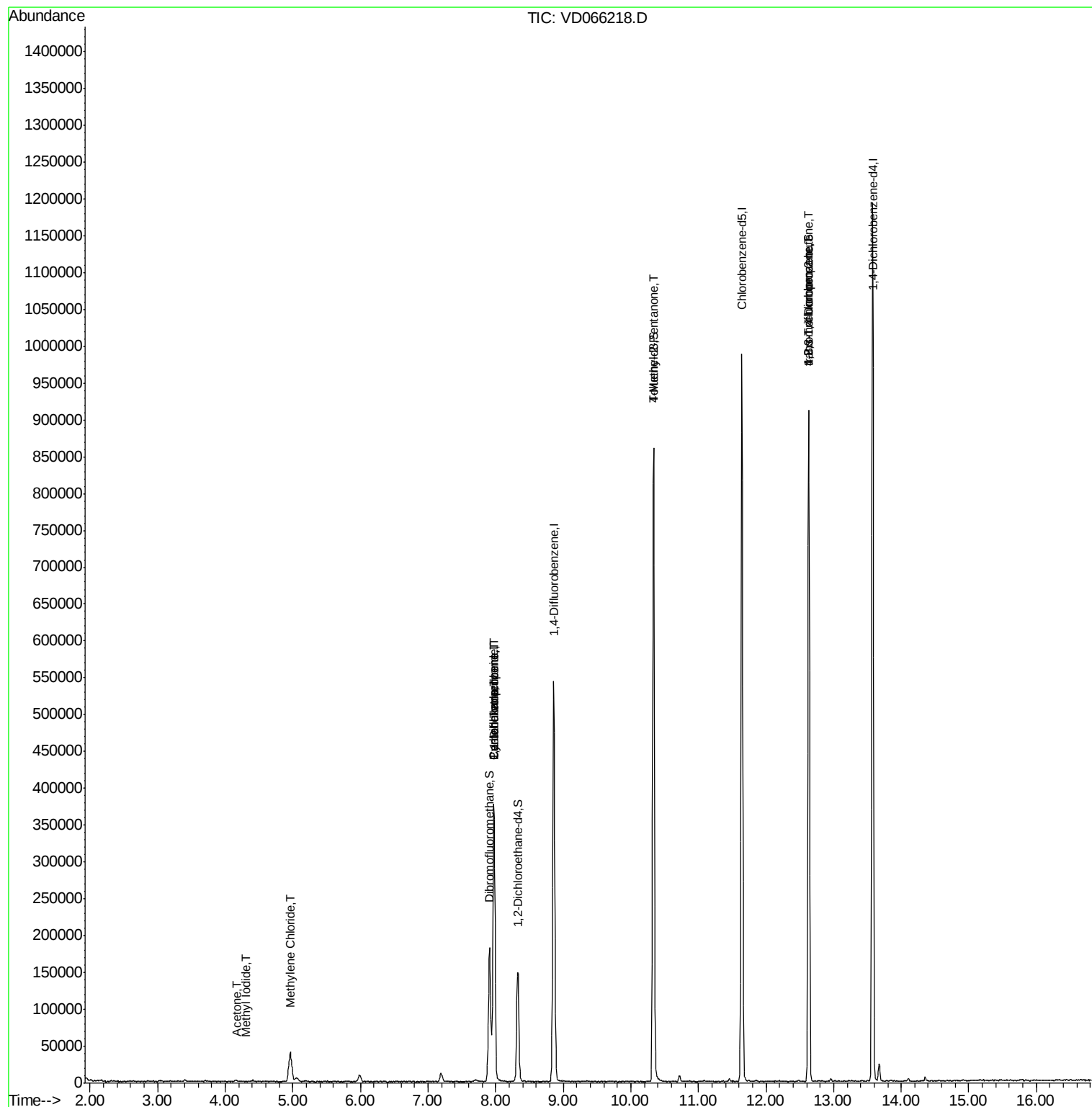
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	120	6.752	ug/l #	39
11) Tert butyl alcohol	5.18	59	504	Below Cal	#	76
16) Acetone	4.17	43	2700	5.402	ug/l #	89
20) Methylene Chloride	4.96	84	30991	6.762	ug/l #	94
31) Cyclohexane	7.98	56	5510	1.194	ug/l #	39
36) 1,1-Dichloropropene	7.97	75	20248	4.494	ug/l #	47
38) Carbon Tetrachloride	7.98	117	28660	5.704	ug/l #	13
51) 4-Methyl-2-Pentanone	10.34	43	2840	1.572	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	140122	50.507	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	140122	111.648	ug/l #	13

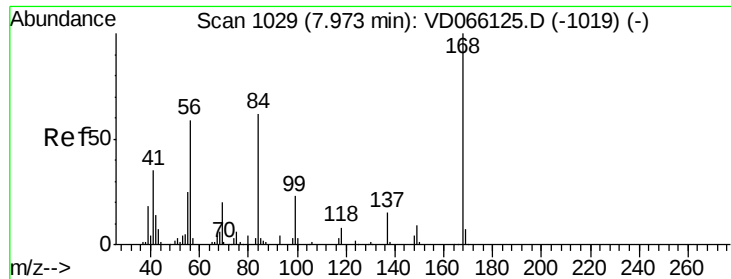
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081320\
Data File : VD066218.D
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Quant Time: Aug 14 03:04:01 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: VD066218.D

Acq: 13 Aug 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

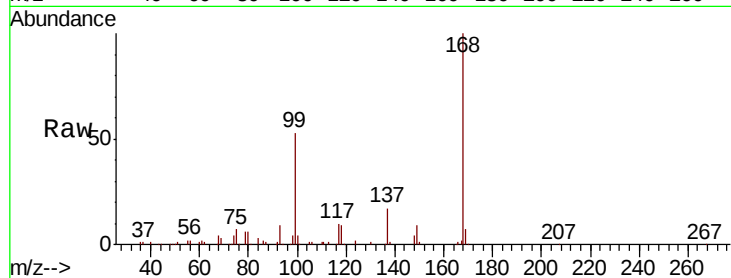
VNJ-235

Tot Ion:168 Resp: 295281

Ion Ratio Lower Upper

168 100

99 53.1 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

150000

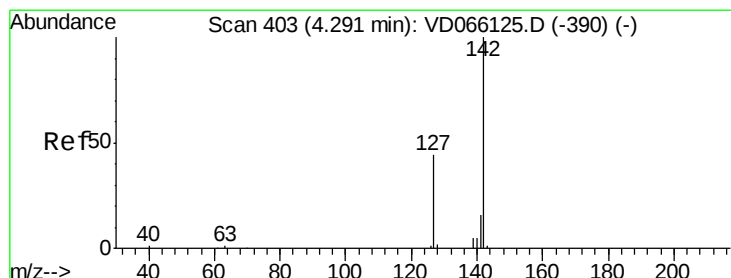
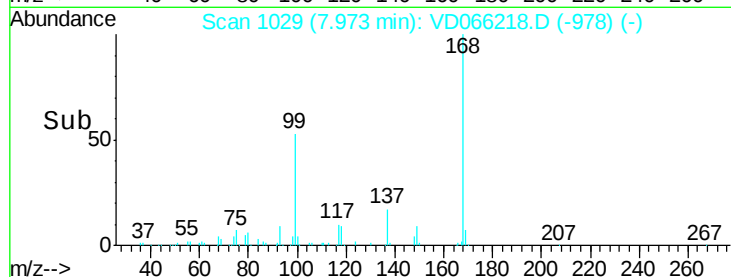
7.97

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 6.752 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066218.D

Acq: 13 Aug 2020 18:51

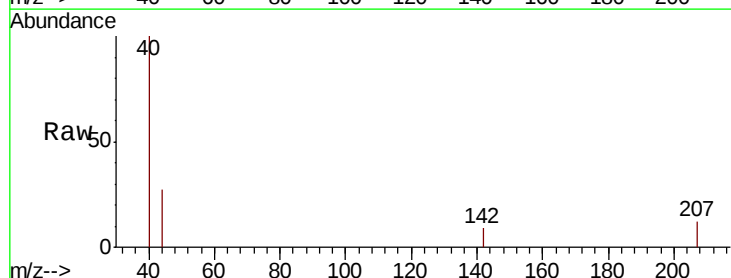
Tgt Ion:142 Resp: 120

Ion Ratio Lower Upper

142 100

127 0.0 36.2 54.4#

141 0.0 12.6 18.8#



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

250

200

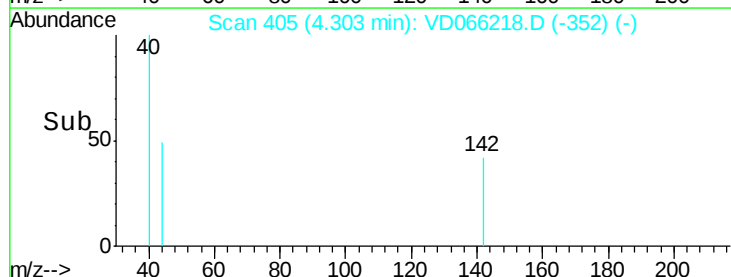
150

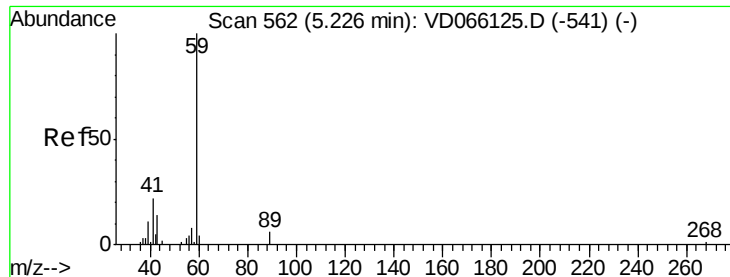
100

50

0

Time-->



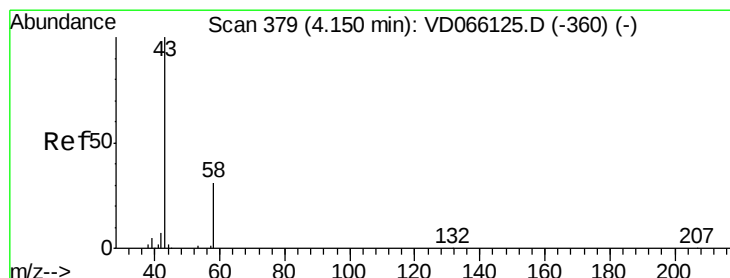
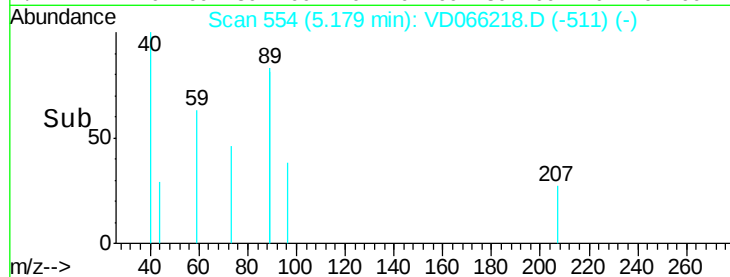
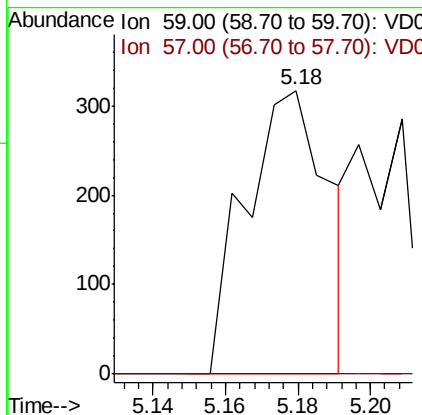
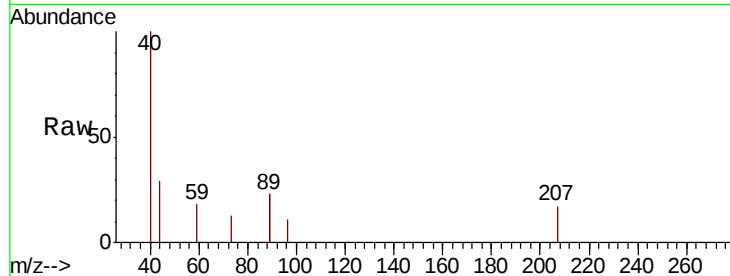


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.18 min Scan# 554
 Delta R.T. -0.05 min
 Lab File: VD066218.D
 Acq: 13 Aug 2020 18:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-235

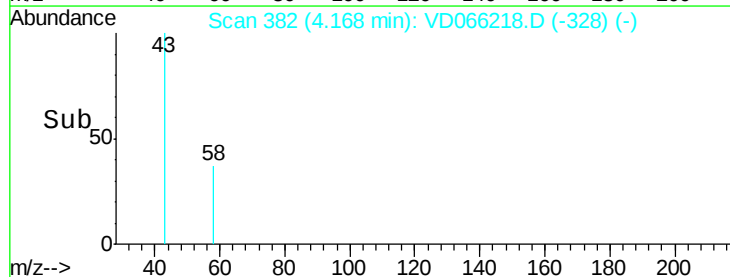
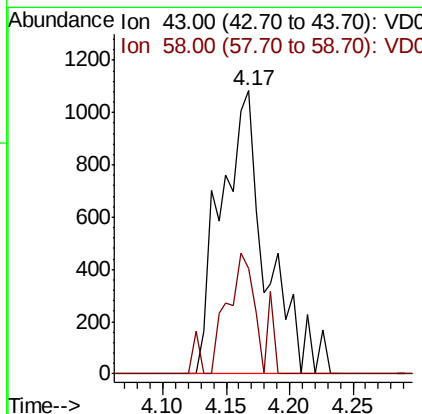
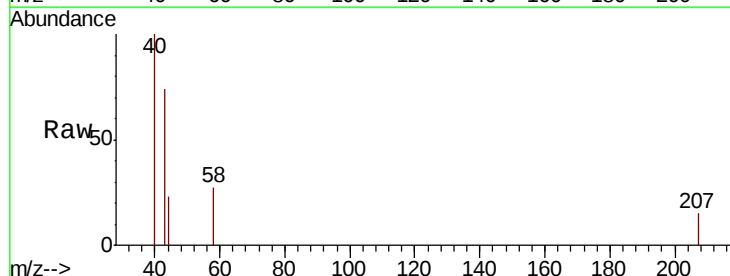
Tot Ion: 59 Resp: 504
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#

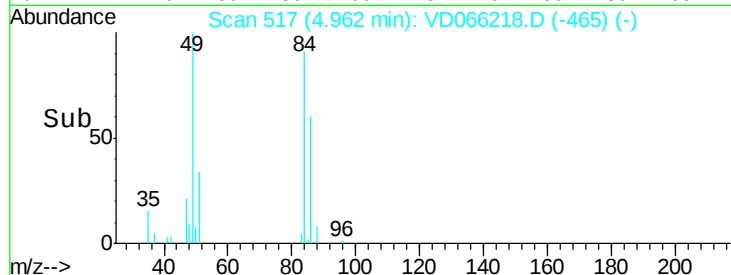
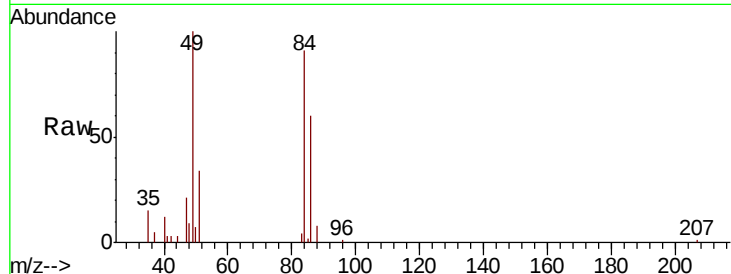
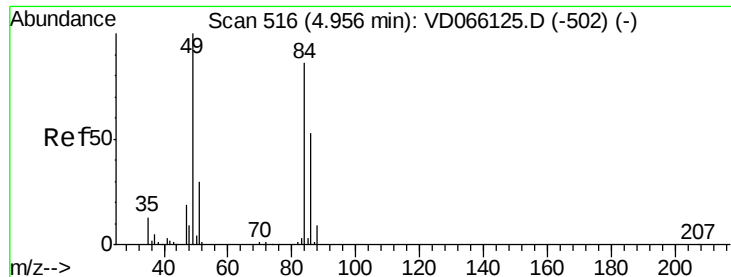


#16

Acetone
 Concen: 5.402 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. 0.02 min
 Lab File: VD066218.D
 Acq: 13 Aug 2020 18:51

Tgt Ion: 43 Resp: 2700
 Ion Ratio Lower Upper
 43 100
 58 37.2 24.7 37.1#

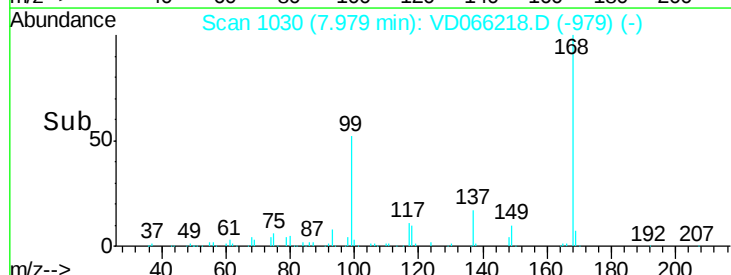
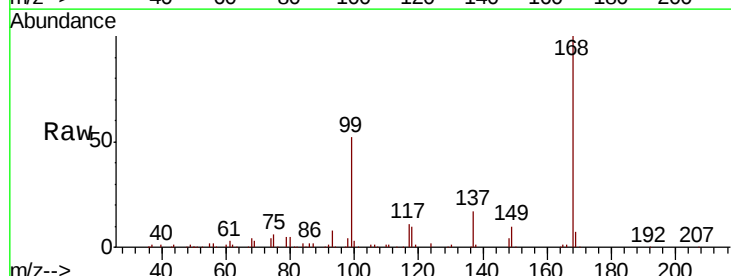
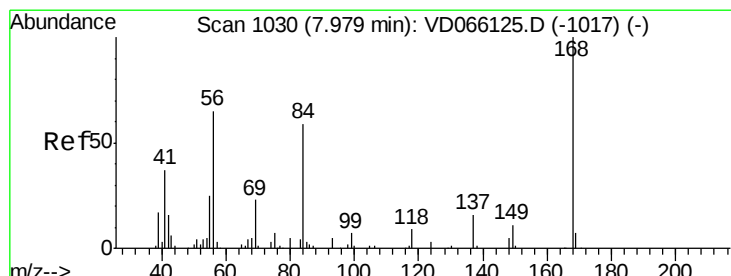
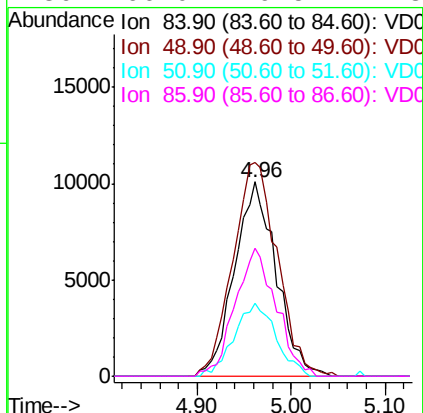




#20
Methvlene Chloride
Concen: 6.762 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066218.D
Acq: 13 Aug 2020 18:51

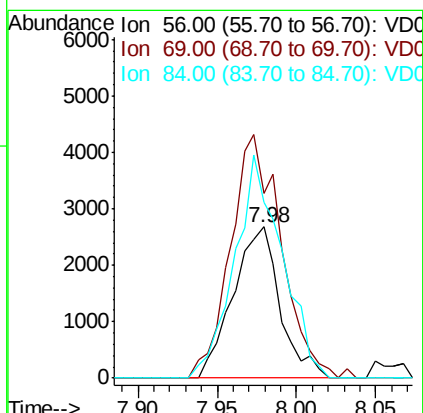
Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

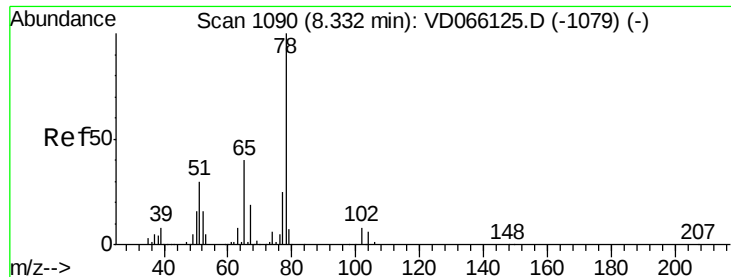
Tot Ion: 84	Resp: 30991
Ion Ratio	Lower Upper
84 100	
49 110.0	93.5 140.3
51 37.4	28.2 42.4
86 66.0	49.5 74.3



#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066218.D
Acq: 13 Aug 2020 18:51

Tgt	Ion: 56	Resp:	5510
Ion	Ratio	Lower	Upper
56	100		
69	122.4	28.8	43.2#
84	116.5	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 47.564 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066218.D

Acq: 13 Aug 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

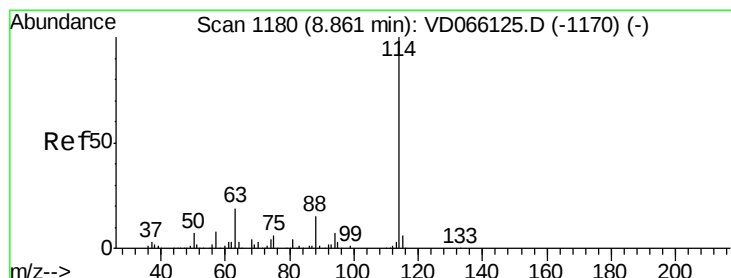
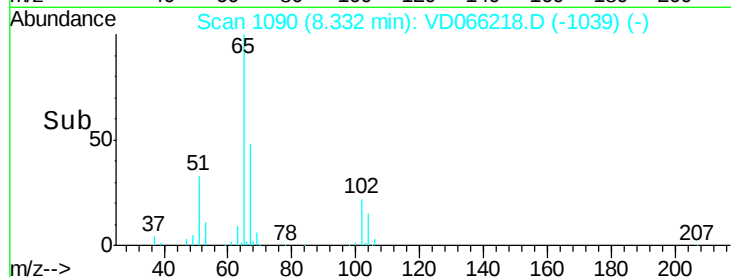
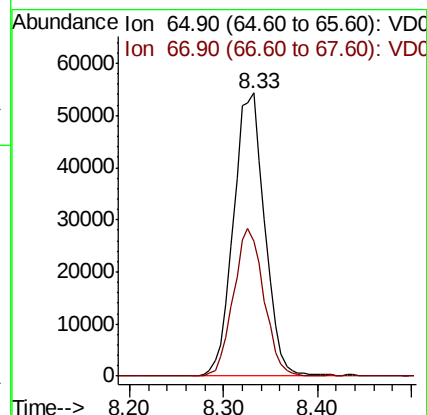
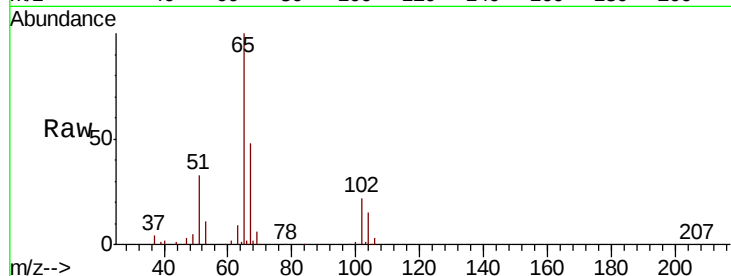
VNJ-235

Tot Ion: 65 Resp: 125301

Ion Ratio Lower Upper

65 100

67 50.9 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: VD066218.D

Acq: 13 Aug 2020 18:51

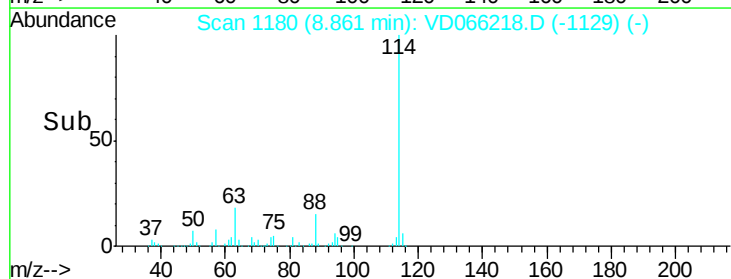
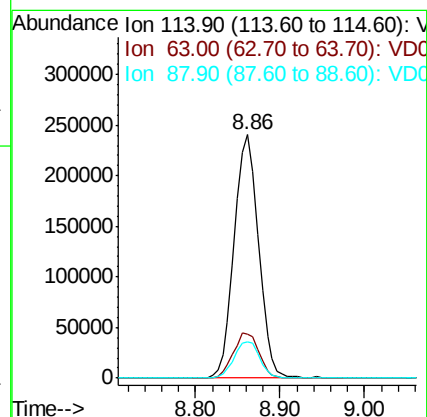
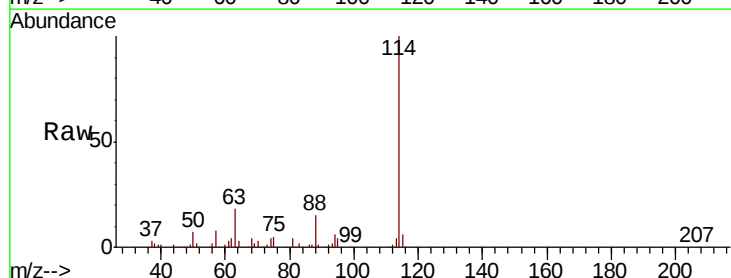
Tgt Ion: 114 Resp: 479484

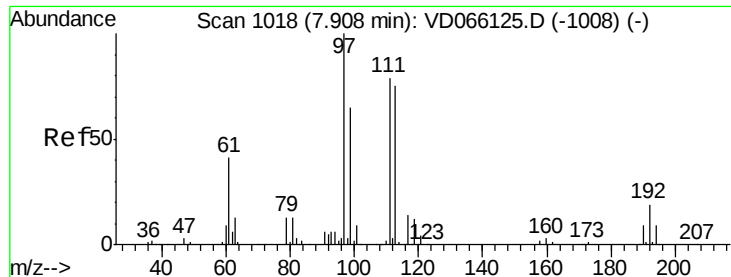
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.6

88 14.6 0.0 30.0

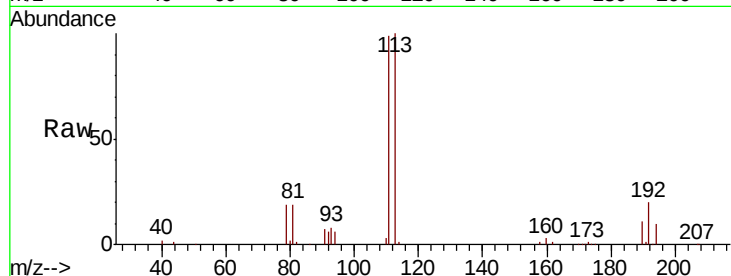




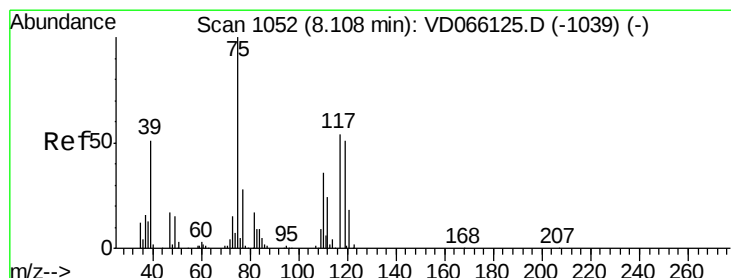
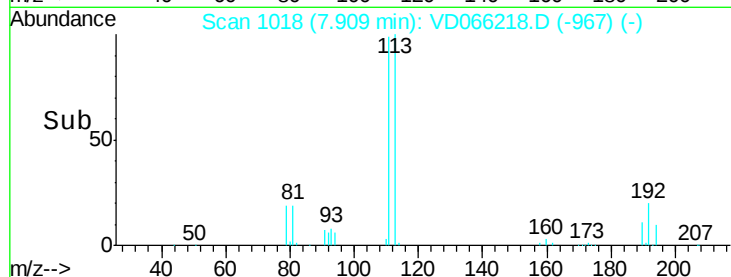
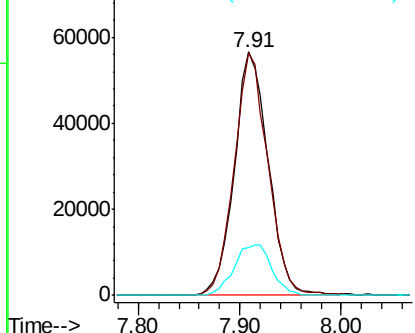
#35
 Dibromofluoromethane
 Concen: 43.229 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066218.D
 Acq: 13 Aug 2020 18:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-235

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.1	80.7	121.1
192	23.0	18.4	27.6

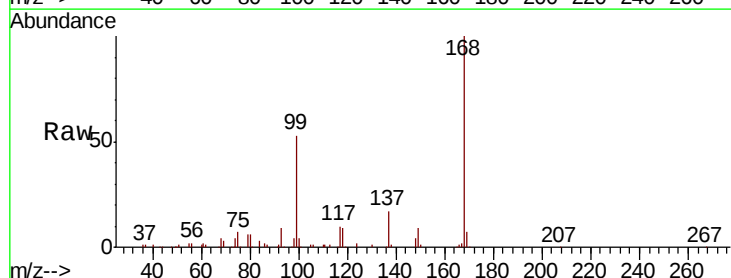


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

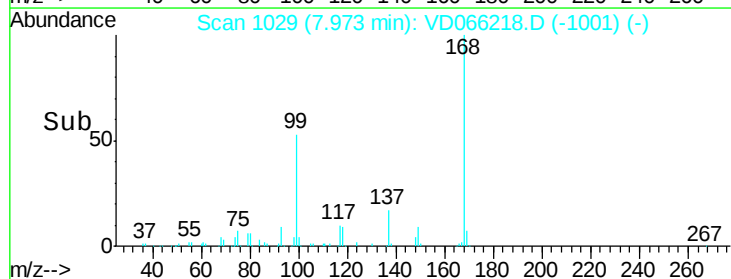
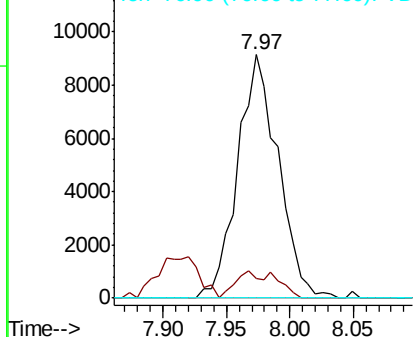


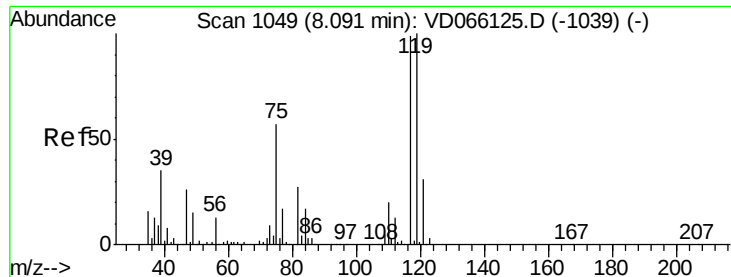
#36
 1,1-Dichloropropene
 Concen: 4.494 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066218.D
 Acq: 13 Aug 2020 18:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.0	18.8	56.3#
77	0.0	24.2	36.2#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC

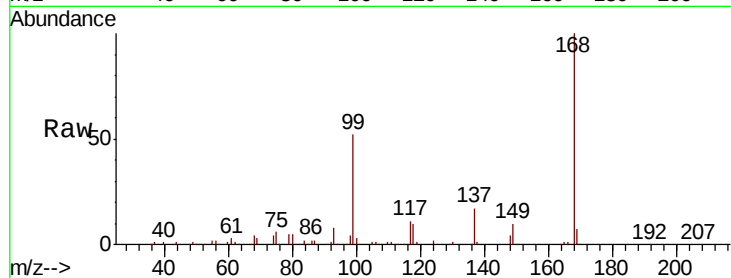




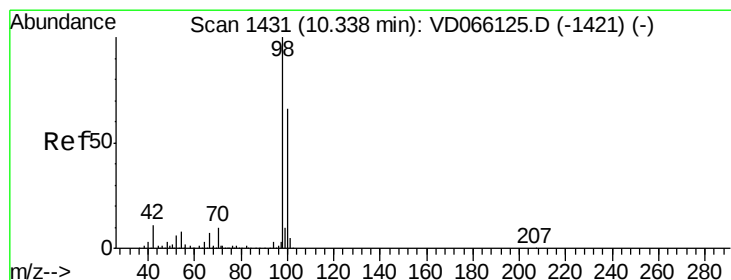
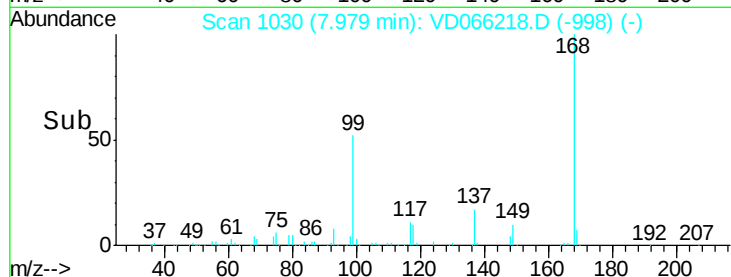
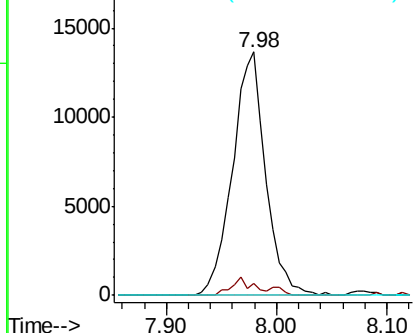
#38
Carbon Tetrachloride
Concen: 5.704 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.11 min
Lab File: VD066218.D
Acq: 13 Aug 2020 18:51

Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

Tot Ion:117 Resp: 28660
Ion Ratio Lower Upper
117 100
119 4.8 81.0 121.4#
121 0.0 24.8 37.2#

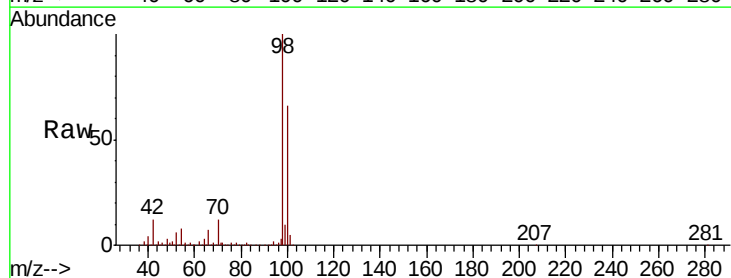


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

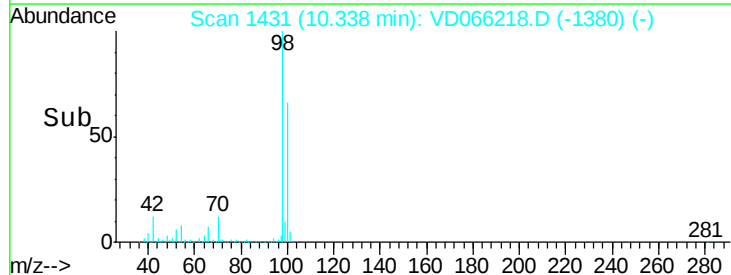
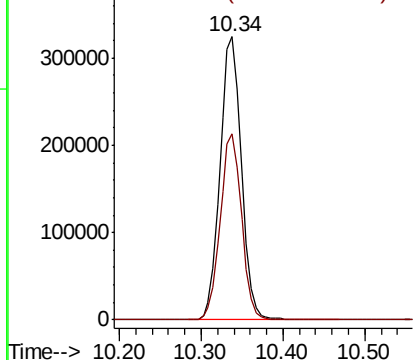


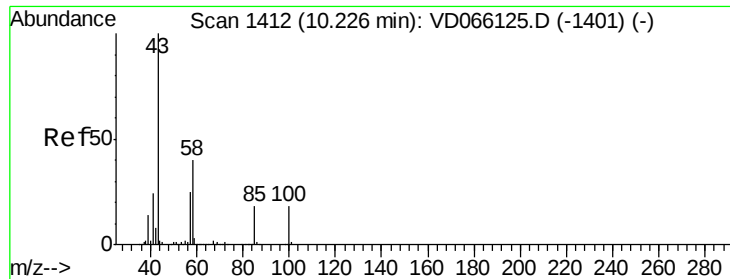
#50
Toluene-d8
Concen: 52.584 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066218.D
Acq: 13 Aug 2020 18:51

Tgt Ion: 98 Resp: 589422
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



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

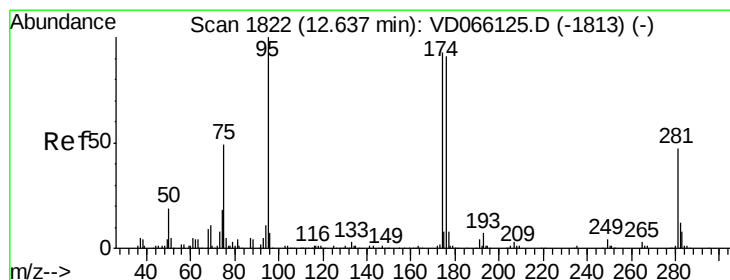
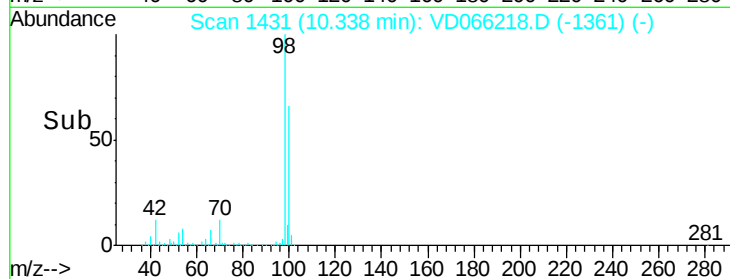
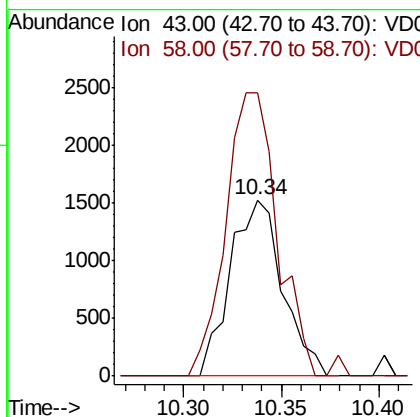
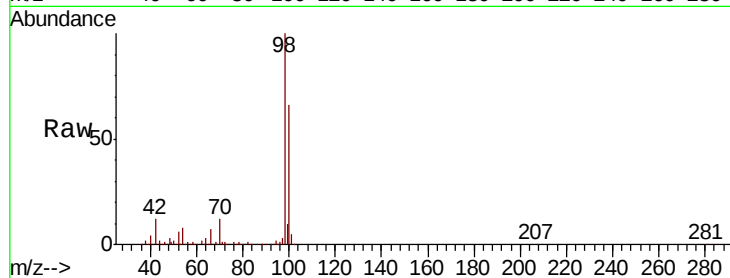




#51
4-Methyl-2-Pentanone
Concen: 1.572 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.11 min
Lab File: VD066218.D
Acq: 13 Aug 2020 18:51

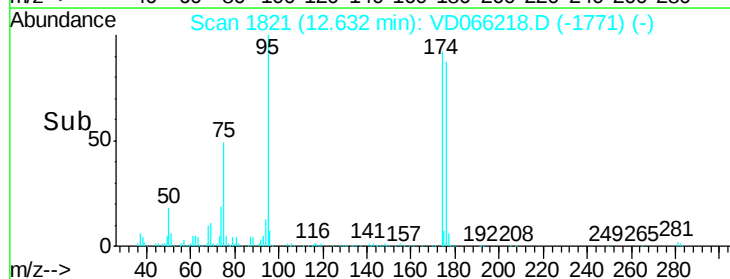
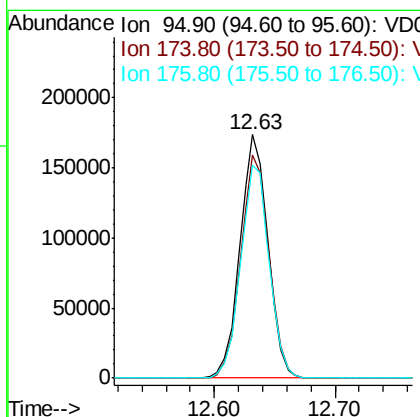
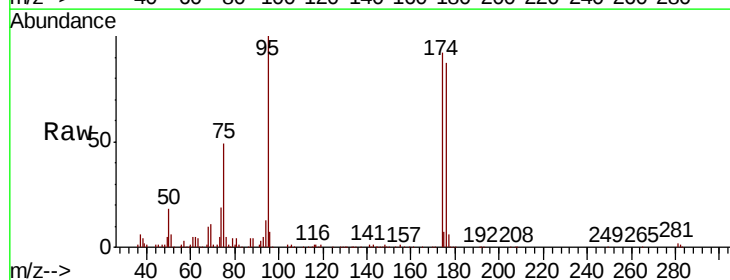
Instrument :
MSVOA_D
ClientSampled :
VNJ-235

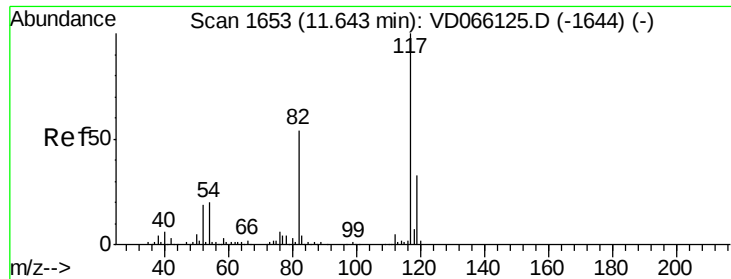
Tot Ion: 43 Resp: 2840
Ion Ratio Lower Upper
43 100
58 158.1 31.1 46.7#



#62
4-Bromofluorobenzene
Concen: 69.415 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066218.D
Acq: 13 Aug 2020 18:51

Tgt Ion: 95 Resp: 280465
Ion Ratio Lower Upper
95 100
174 92.8 0.0 180.8
176 89.4 0.0 181.2

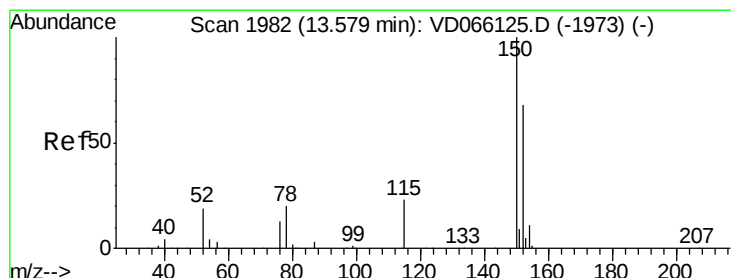
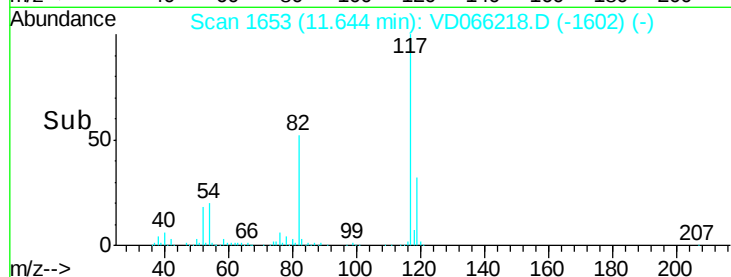
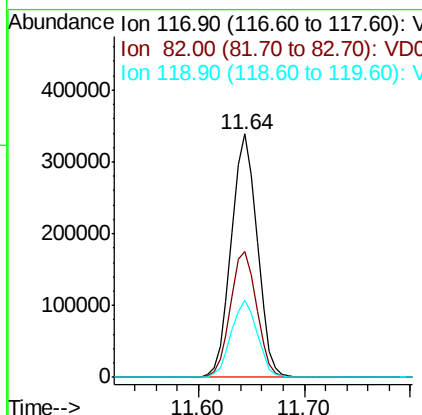
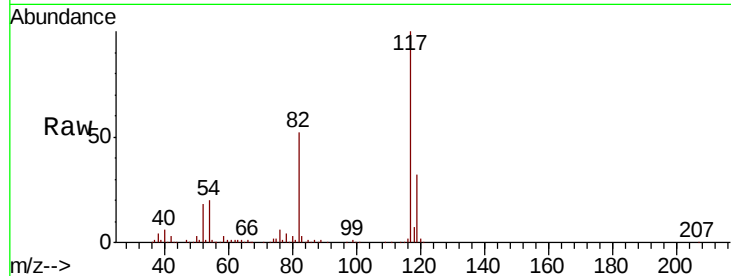




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066218.D
Acq: 13 Aug 2020 18:51

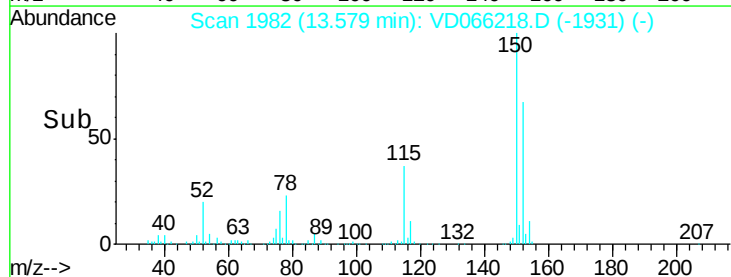
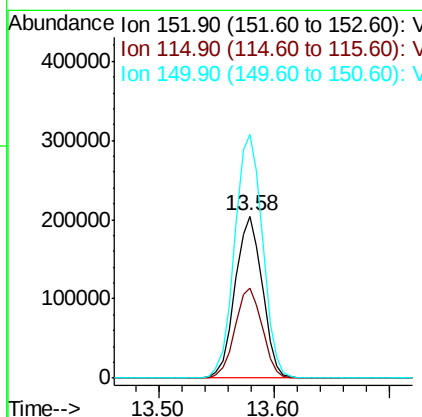
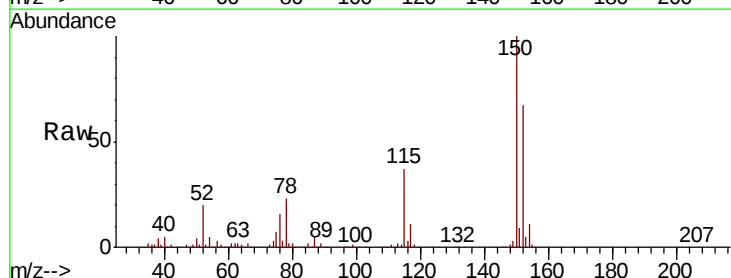
Instrument :
MSVOA_D
ClientSampled :
VNJ-235

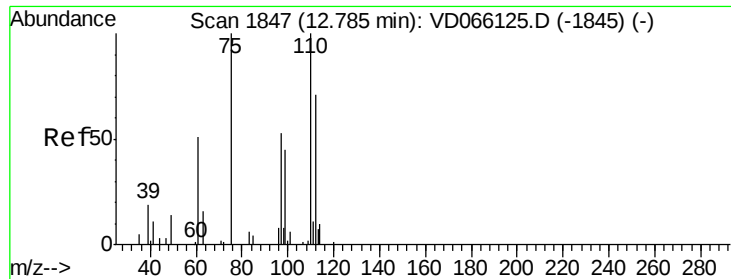
Tot Ion:117 Resp: 573672
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066218.D
Acq: 13 Aug 2020 18:51

Tgt Ion:152 Resp: 332680
Ion Ratio Lower Upper
152 100
115 55.3 28.0 83.9
150 154.2 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 50.507 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066218.D

Acq: 13 Aug 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

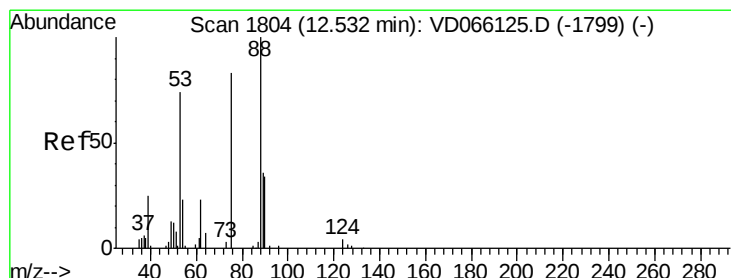
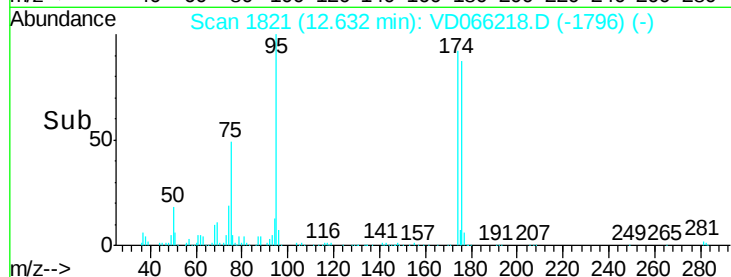
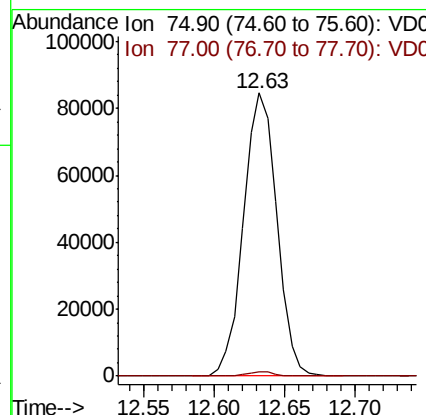
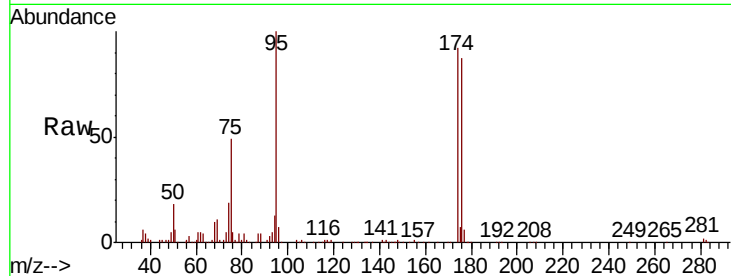
VNJ-235

Tot Ion: 75 Resp: 140122

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 111.648 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066218.D

Acq: 13 Aug 2020 18:51

Tgt Ion: 75 Resp: 140122

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.0 36.6 55.0#

