

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066299.D
 Acq On : 19 Aug 2020 03:08
 Operator : VA/SY
 Sample : L3678-02
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BR-1

Quant Time: Aug 19 06:46:35 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	196709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	309160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	268326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	104150	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	115787	65.98	ug/l	0.00
Spiked Amount			Recovery	=	131.96%	
35) Dibromofluoromethane	7.91	113	107521	54.90	ug/l	0.00
Spiked Amount			Recovery	=	109.80%	
50) Toluene-d8	10.34	98	332733	46.04	ug/l	0.00
Spiked Amount			Recovery	=	92.08%	
62) 4-Bromofluorobenzene	12.63	95	104064	39.95	ug/l	0.00
Spiked Amount			Recovery	=	79.90%	

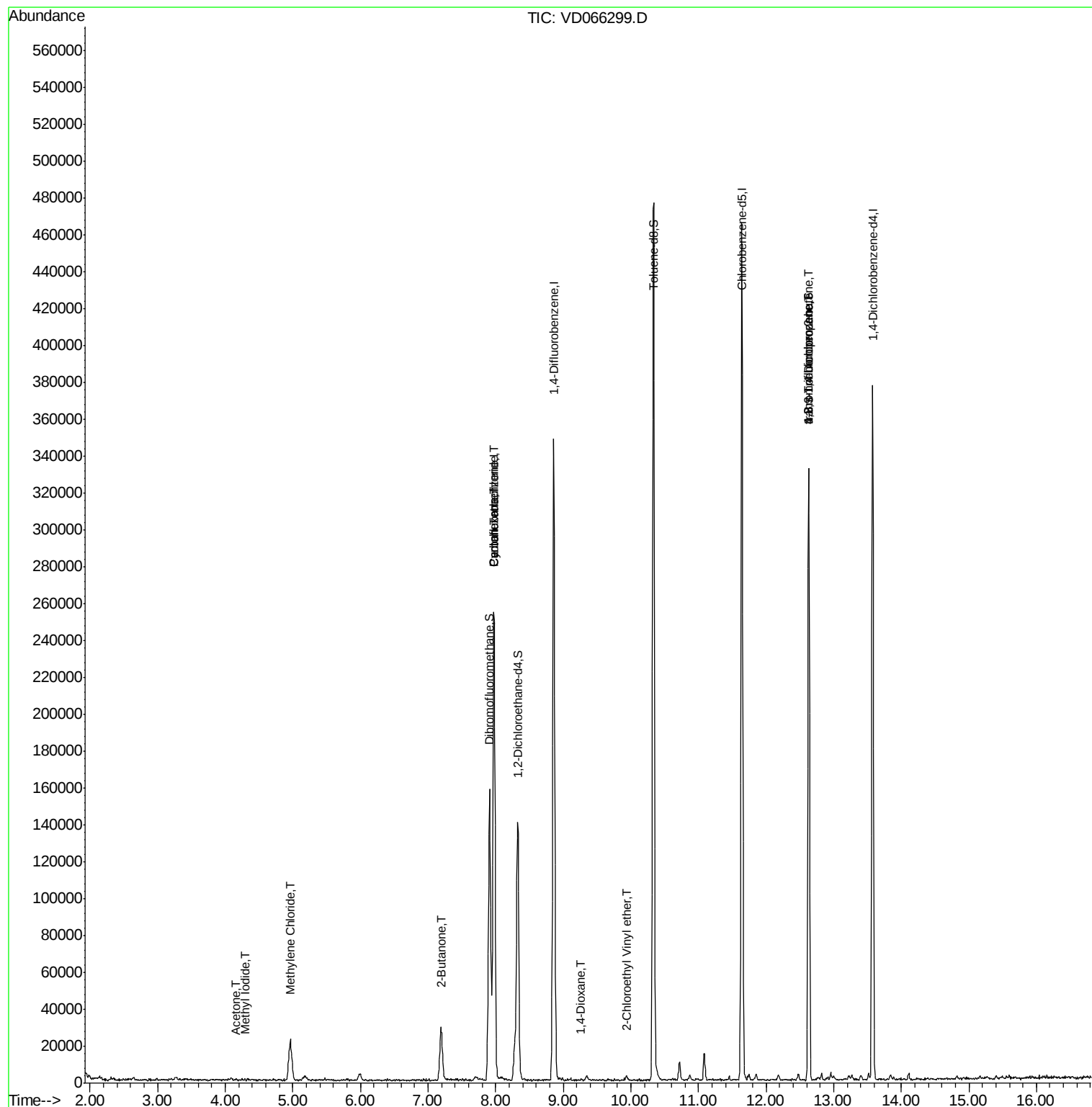
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	413	6.924	ug/l #	39
11) Tert butyl alcohol	5.24	59	85	Below Cal	#	76
16) Acetone	4.15	43	500	1.502	ug/l #	44
20) Methylene Chloride	4.97	84	16399	4.313	ug/l	94
25) 2-Butanone	7.20	43	1190	2.430	ug/l #	47
31) Cyclohexane	7.98	56	4416	1.436	ug/l #	48
38) Carbon Tetrachloride	7.97	117	18393	5.677	ug/l #	13
49) 1,4-Dioxane	9.27	88	58	4.158	ug/l #	26
58) 2-Chloroethyl Vinyl ether	9.94	63	1110	1.314	ug/l #	80
76) 1,2,3-Trichloropropane	12.63	75	51632	59.447	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	51632	131.411	ug/l #	13

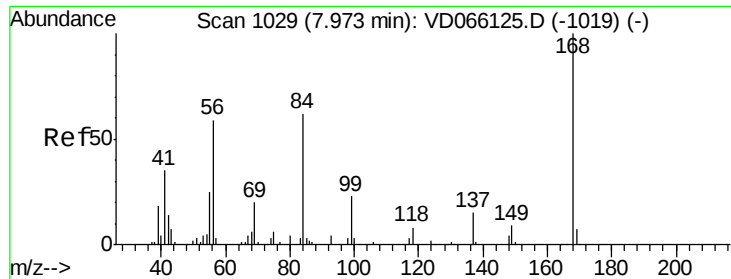
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066299.D
Acq On : 19 Aug 2020 03:08
Operator : VA/SY
Sample : L3678-02
Misc : 5.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BR-1

Quant Time: Aug 19 06:46:35 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: VD066299.D

Acq: 19 Aug 2020 03:08

Instrument :

MSVOA_D

ClientSampleId :

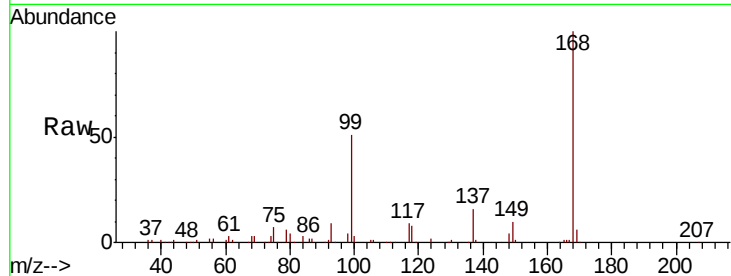
BR-1

Tot Ion:168 Resp: 196709

Ion Ratio Lower Upper

168 100

99 50.9 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.97

100000

80000

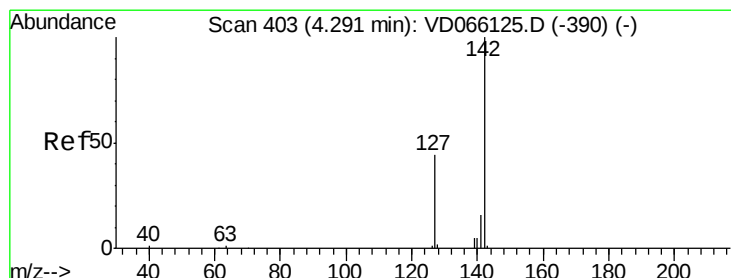
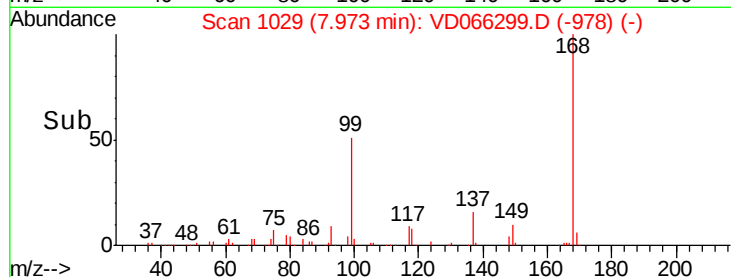
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 6.924 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066299.D

Acq: 19 Aug 2020 03:08

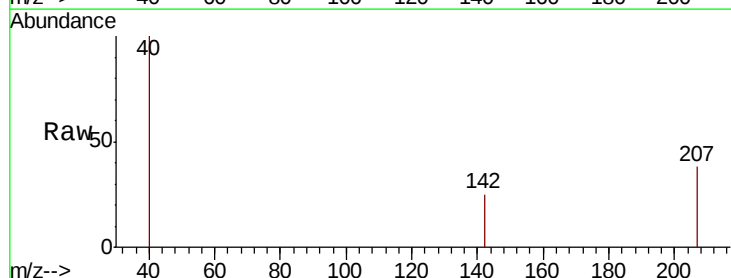
Tgt Ion:142 Resp: 413

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

4.30

400

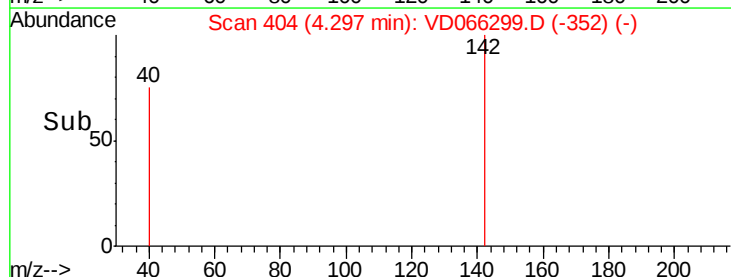
300

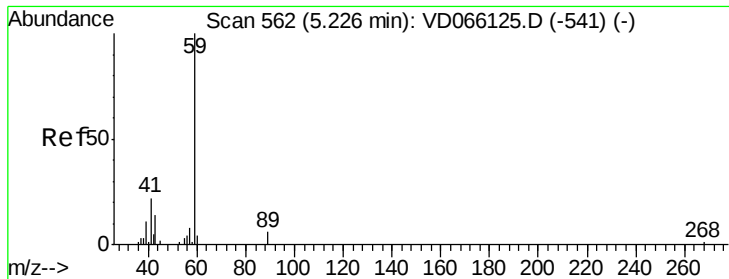
200

100

0

Time-->



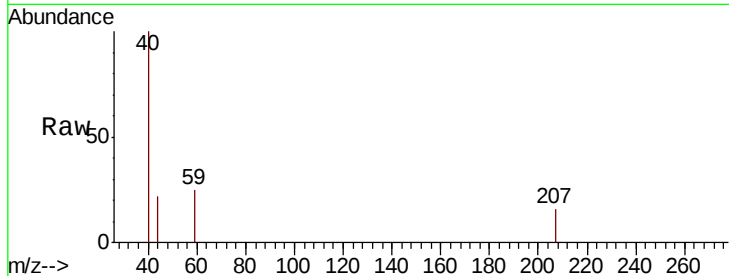


#11

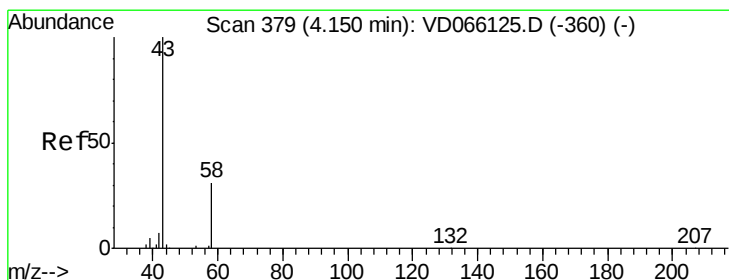
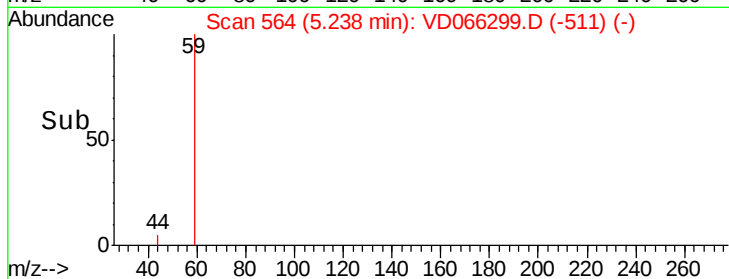
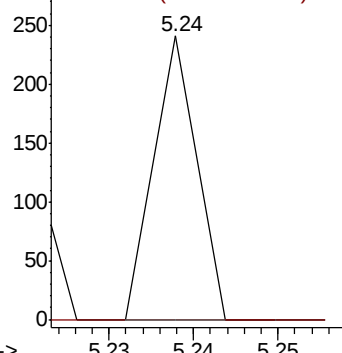
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.24 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VD066299.D
 Acq: 19 Aug 2020 03:08

Instrument :
 MSVOA_D
 ClientSampled :
 BR-1

Tot Ion: 59 Resp: 85
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#



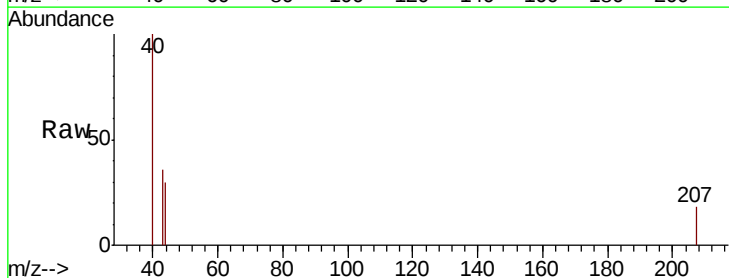
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



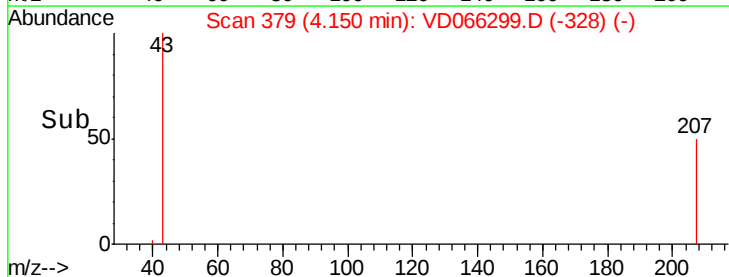
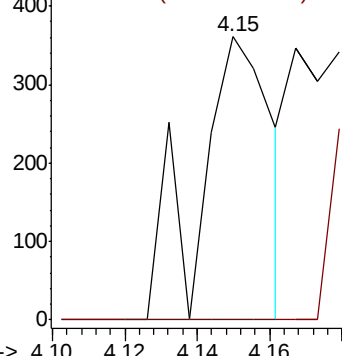
#16

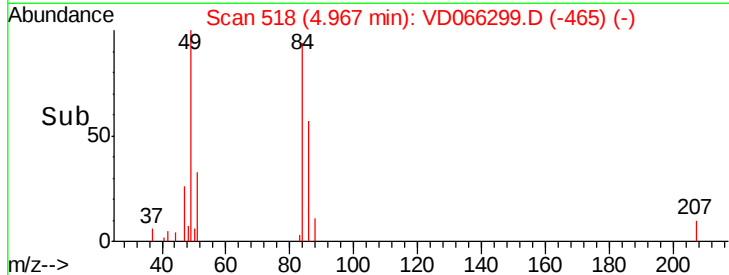
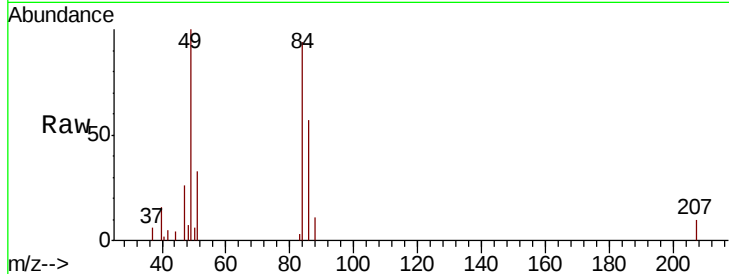
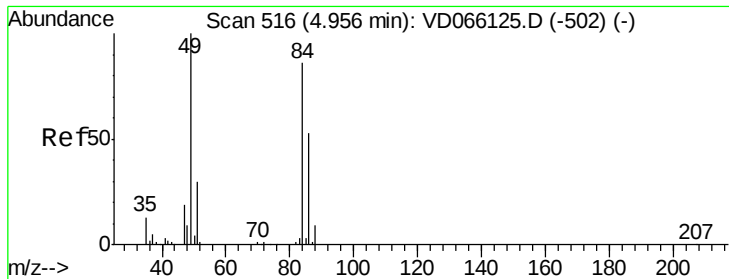
Acetone
 Concen: 1.502 ug/l
 RT: 4.15 min Scan# 379
 Delta R.T. -0.00 min
 Lab File: VD066299.D
 Acq: 19 Aug 2020 03:08

Tgt Ion: 43 Resp: 500
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

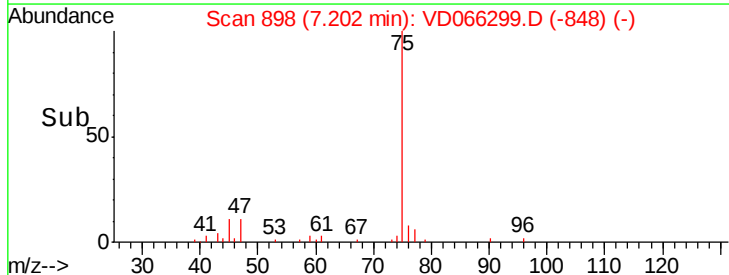
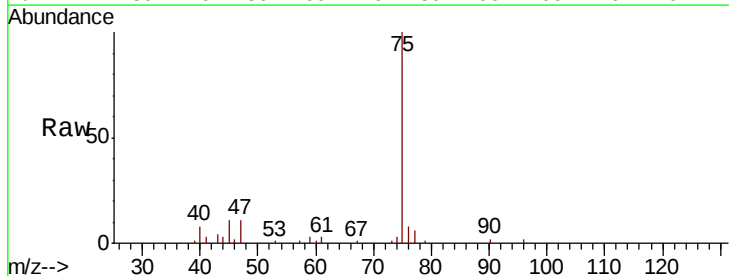
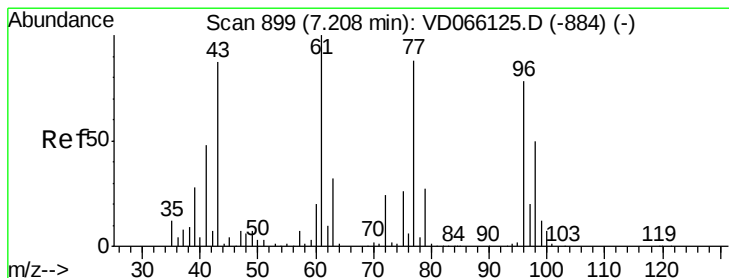
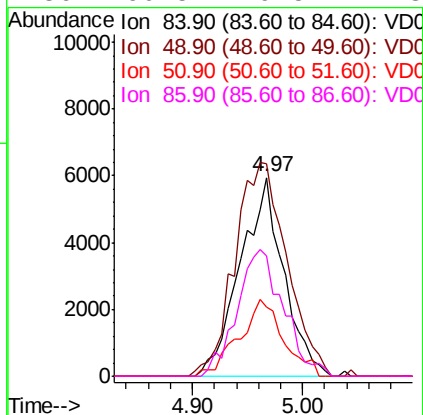




#20
Methvlene Chloride
Concen: 4.313 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066299.D
Acq: 19 Aug 2020 03:08

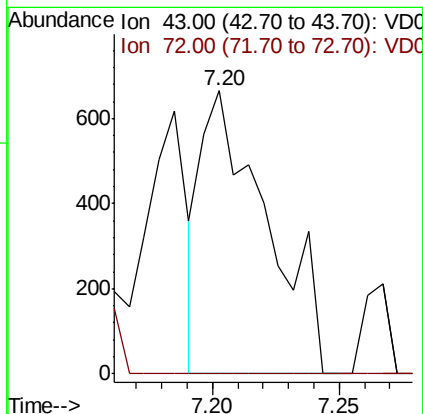
Instrument :
MSVOA_D
ClientSampleId :
BR-1

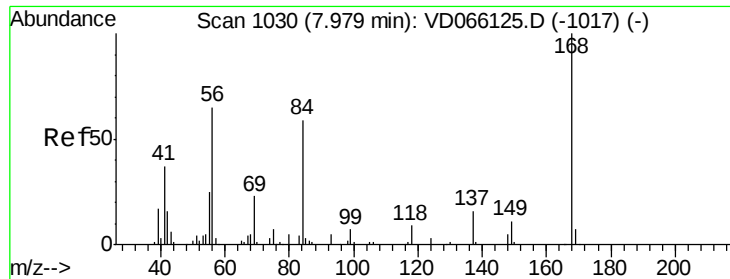
Tot Ion:	84	Resp:	16399
Ion	Ratio	Lower	Upper
84	100		
49	106.6	93.5	140.3
51	35.1	28.2	42.4
86	60.5	49.5	74.3



#25
2-Butanone
Concen: 2.430 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066299.D
Acq: 19 Aug 2020 03:08

Tgt Ion:	43	Resp:	1190
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#

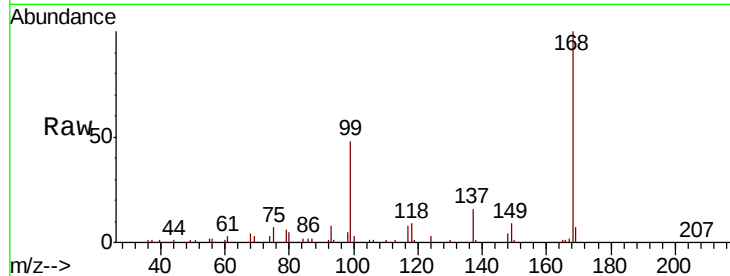




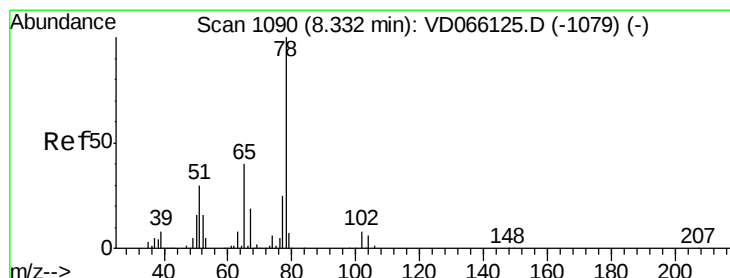
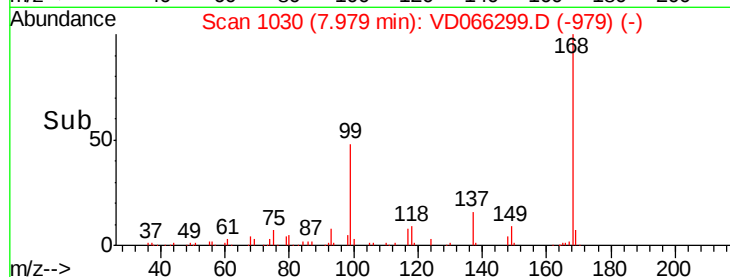
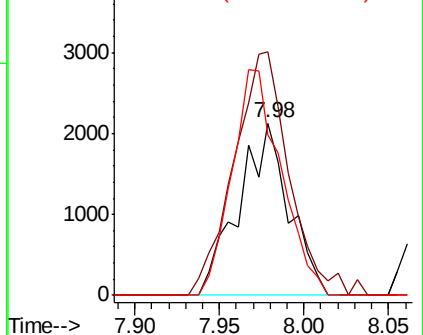
#31
Cyclohexane
Concen: 1.436 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066299.D
Acq: 19 Aug 2020 03:08

Instrument :
MSVOA_D
ClientSampled :
BR-1

Tot Ion: 56 Resp: 4416
Ion Ratio Lower Upper
56 100
69 141.3 28.8 43.2#
84 93.1 73.0 109.6

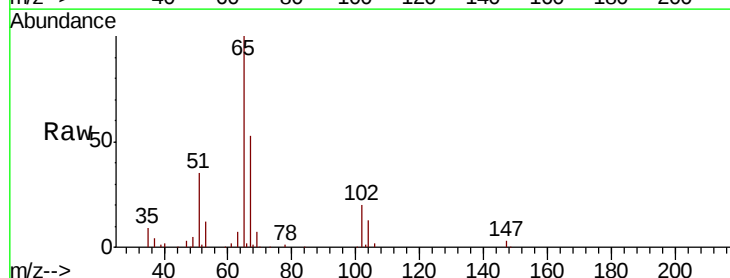


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

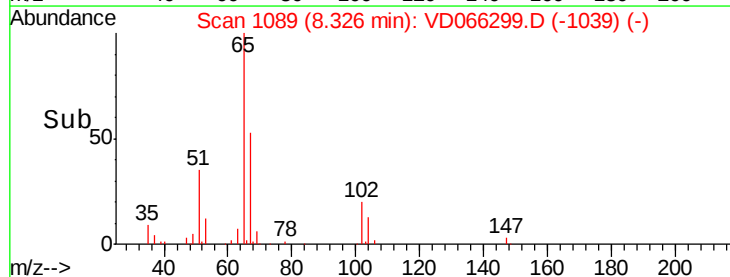
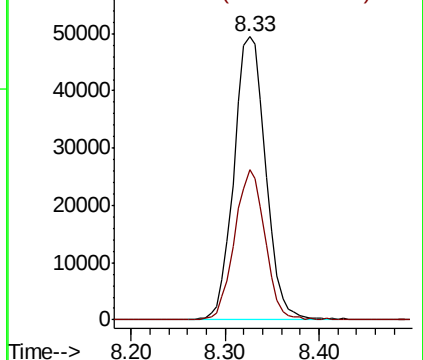


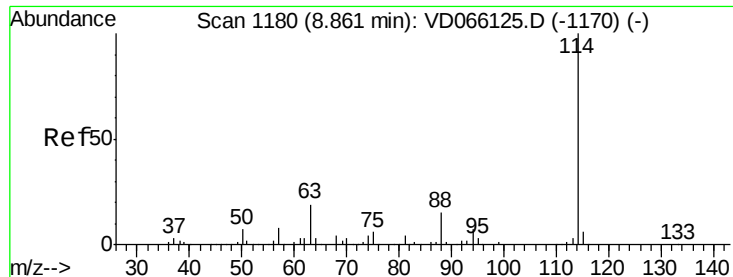
#33
1,2-Dichloroethane-d4
Concen: 65.978 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066299.D
Acq: 19 Aug 2020 03:08

Tgt Ion: 65 Resp: 115787
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

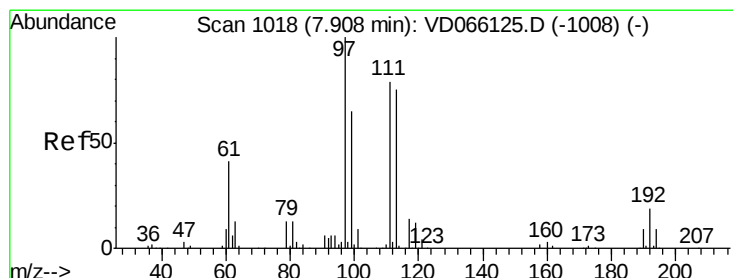
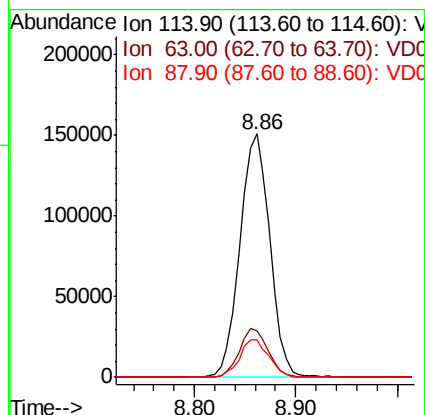
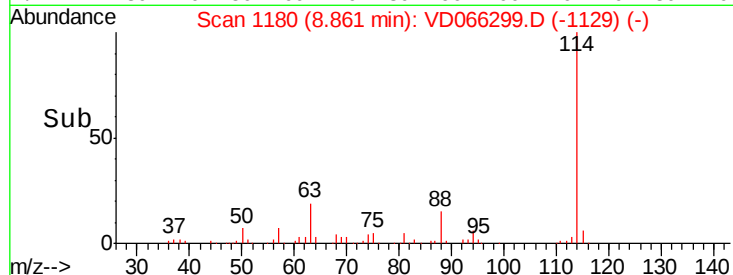
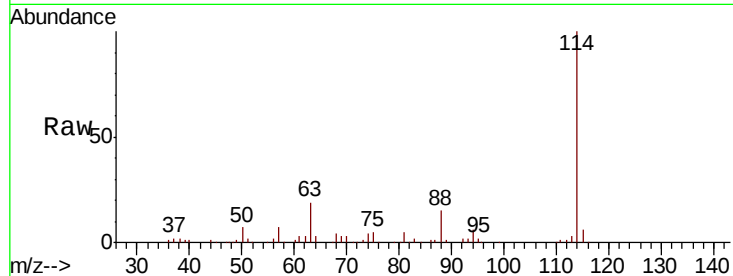




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066299.D
Acq: 19 Aug 2020 03:08

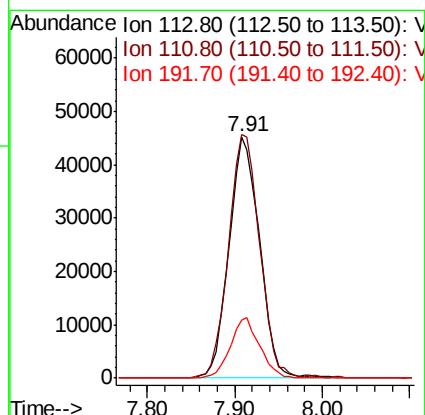
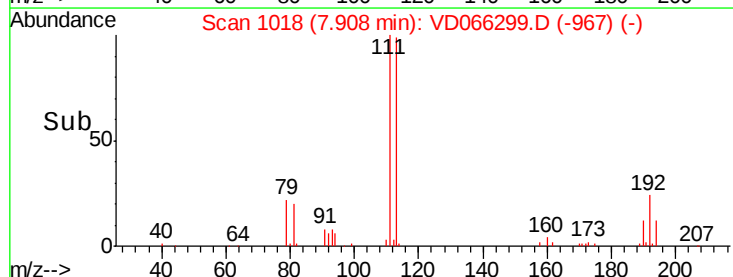
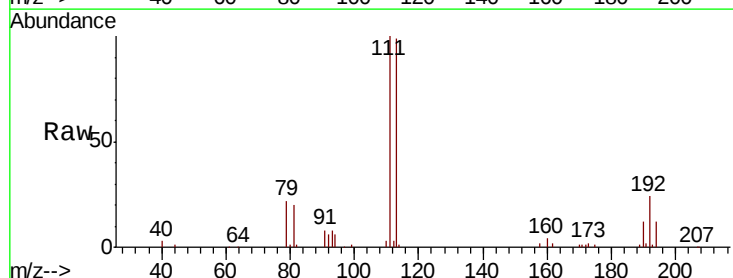
Instrument :
MSVOA_D
ClientSampleId :
BR-1

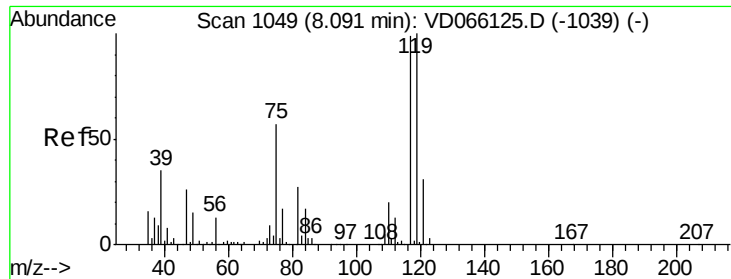
Tot Ion:114 Resp: 309160
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.3 0.0 30.0



#35
Dibromofluoromethane
Concen: 54.900 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD066299.D
Acq: 19 Aug 2020 03:08

Tgt Ion:113 Resp: 107521
Ion Ratio Lower Upper
113 100
111 102.4 80.7 121.1
192 23.8 18.4 27.6





#38

Carbon Tetrachloride

Concen: 5.677 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066299.D

Acq: 19 Aug 2020 03:08

Instrument :

MSVOA_D

ClientSampled :

BR-1

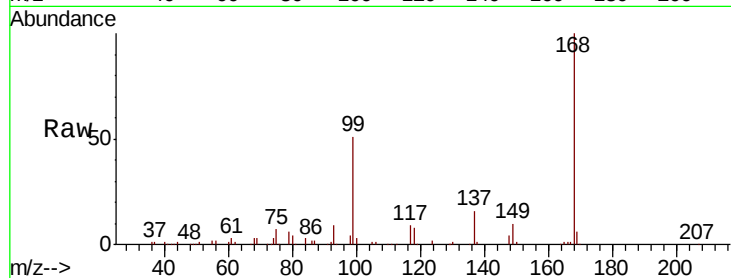
Tot Ion:117 Resp: 18393

Ion Ratio Lower Upper

117 100

119 3.9 81.0 121.4#

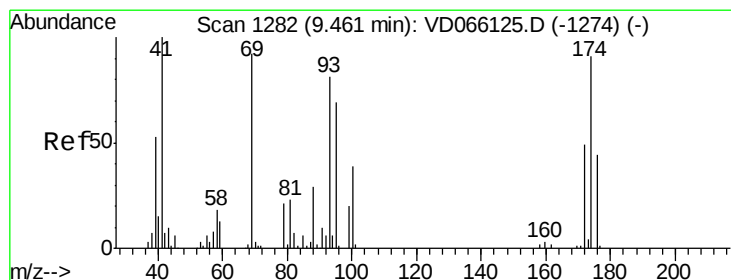
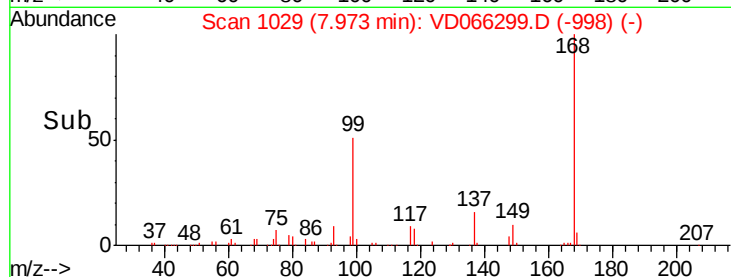
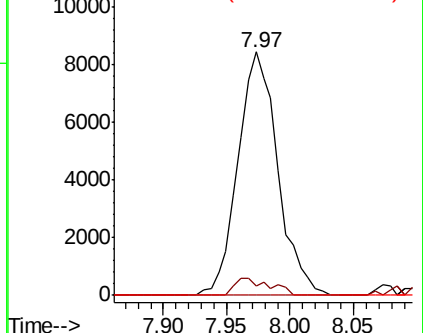
121 0.0 24.8 37.2#



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



#49

1,4-Dioxane

Concen: 4.158 ug/l

RT: 9.27 min Scan# 1249

Delta R.T. -0.19 min

Lab File: VD066299.D

Acq: 19 Aug 2020 03:08

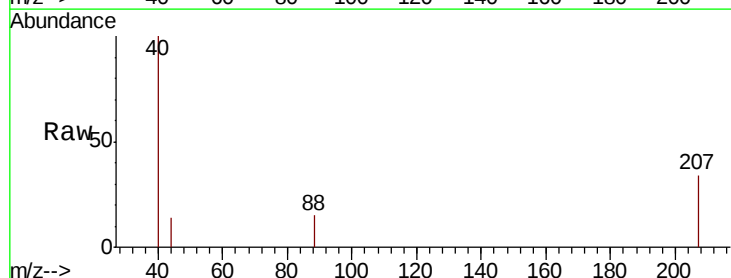
Tgt Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

43 0.0 27.5 41.3#

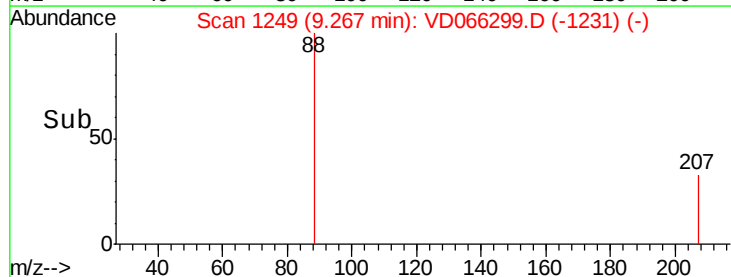
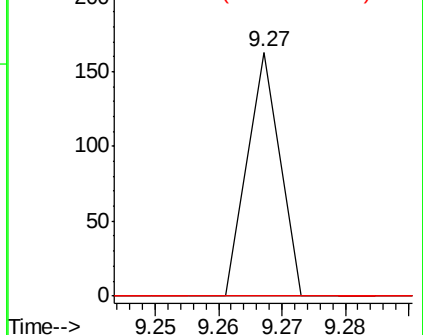
58 0.0 50.2 75.4#

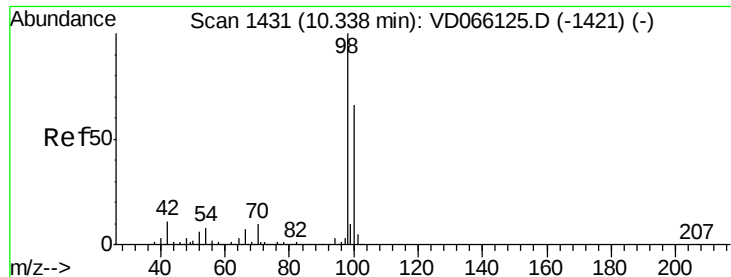


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#50

Toluene-d8

Concen: 46.038 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066299.D

Acq: 19 Aug 2020 03:08

Instrument :

MSVOA_D

ClientSampleId :

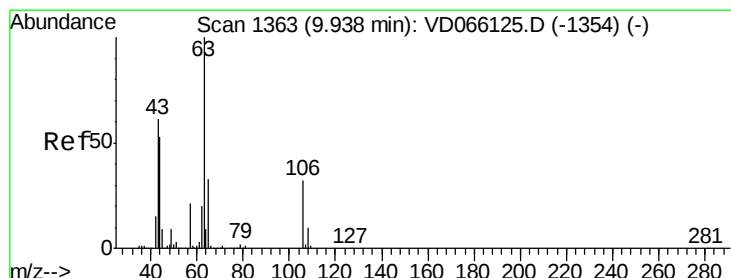
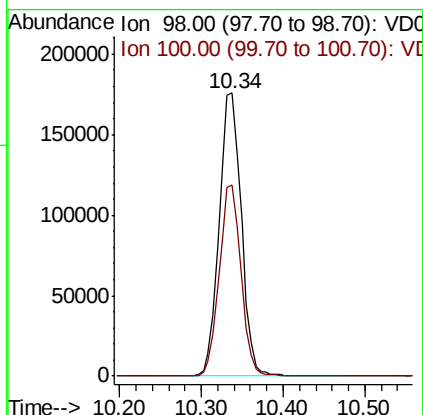
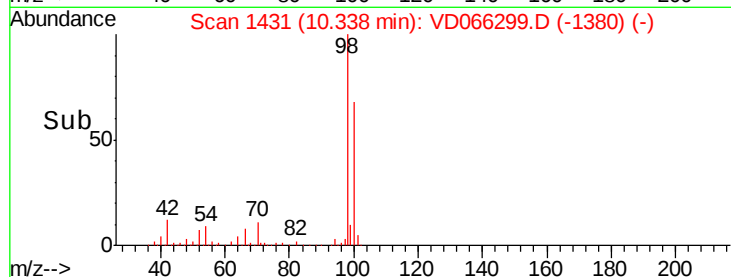
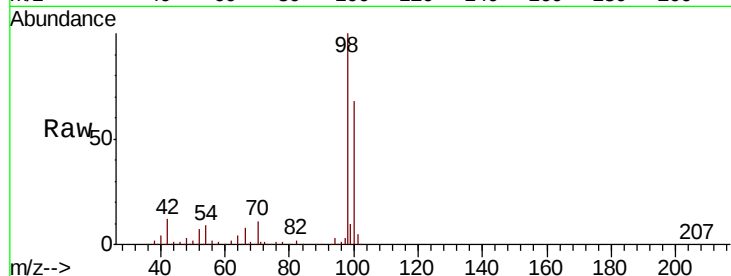
BR-1

Tot Ion: 98 Resp: 332733

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8



#58

2-Chloroethyl Vinyl ether

Concen: 1.314 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066299.D

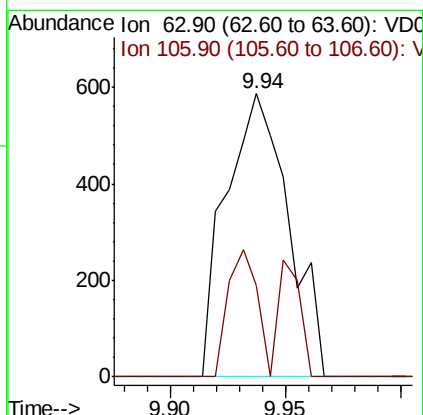
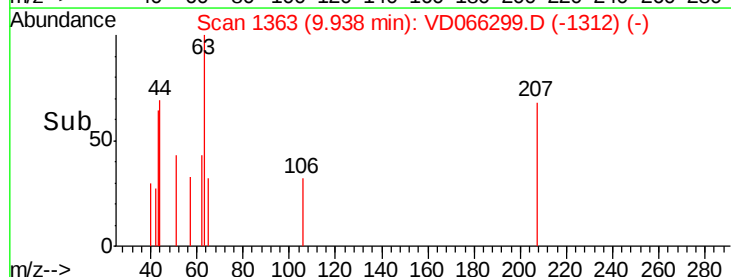
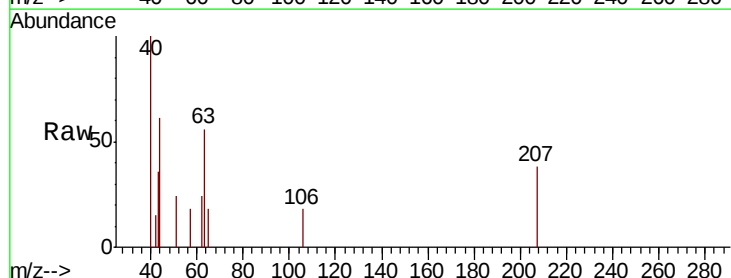
Acq: 19 Aug 2020 03:08

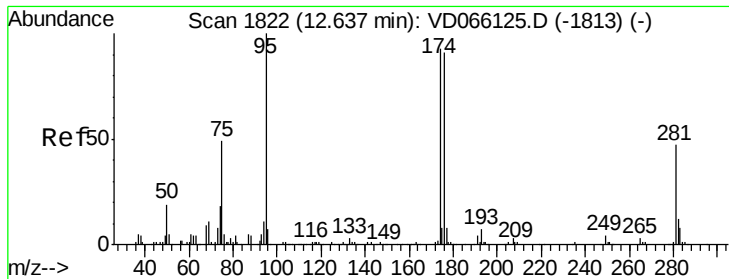
Tgt Ion: 63 Resp: 1110

Ion Ratio Lower Upper

63 100

106 20.7 25.3 37.9#

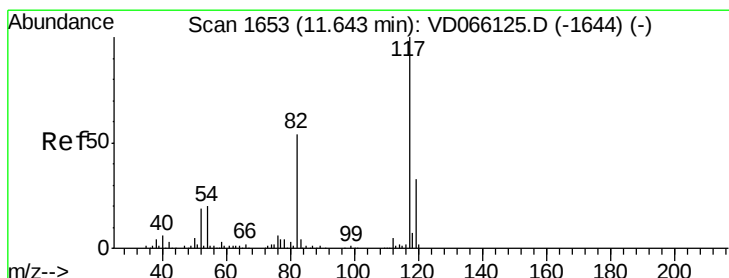
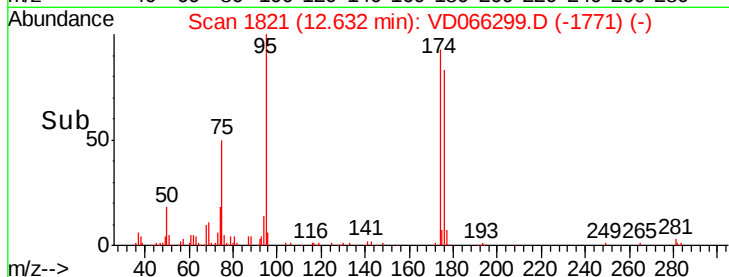
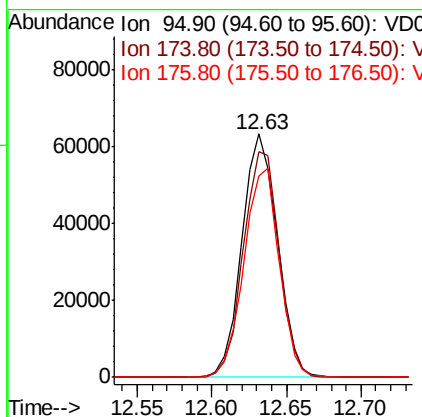
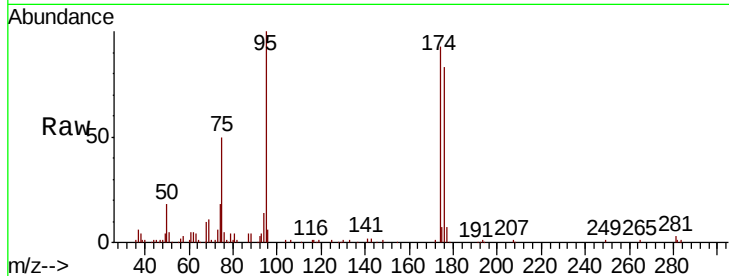




#62
4-Bromofluorobenzene
Concen: 39.945 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066299.D
Acq: 19 Aug 2020 03:08

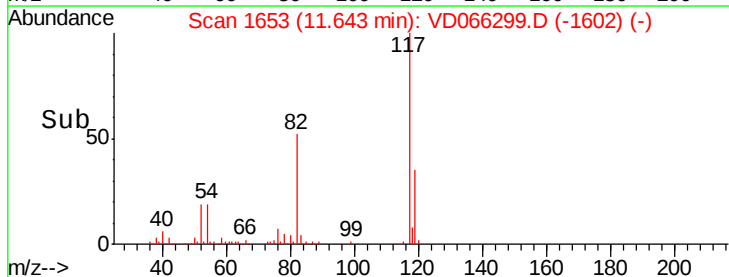
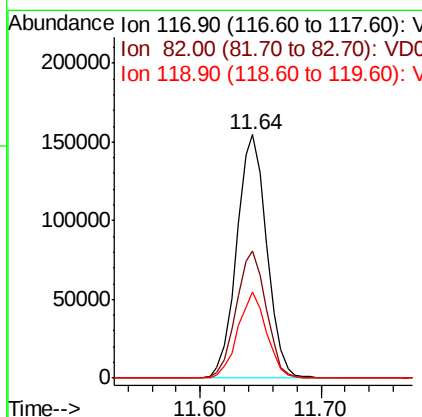
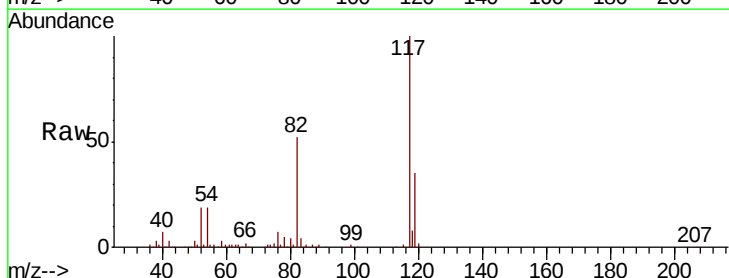
Instrument :
MSVOA_D
ClientSampleId :
BR-1

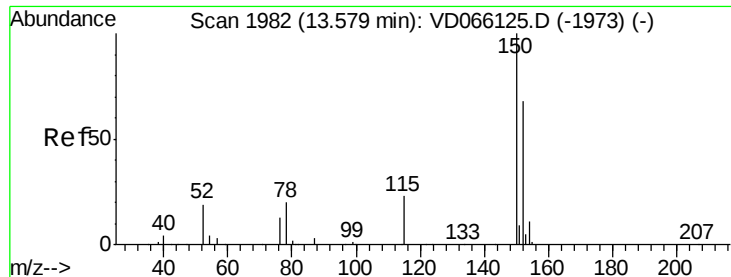
Tot Ion: 95 Resp: 104064
Ion Ratio Lower Upper
95 100
174 93.5 0.0 180.8
176 85.6 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066299.D
Acq: 19 Aug 2020 03:08

Tgt Ion: 117 Resp: 268326
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 35.3 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: VD066299.D

Acq: 19 Aug 2020 03:08

Instrument :

MSVOA_D

ClientSampleId :

BR-1

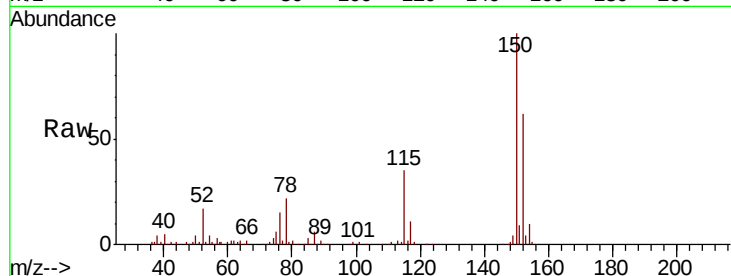
Tot Ion:152 Resp: 104150

Ion Ratio Lower Upper

152 100

115 56.2 28.0 83.9

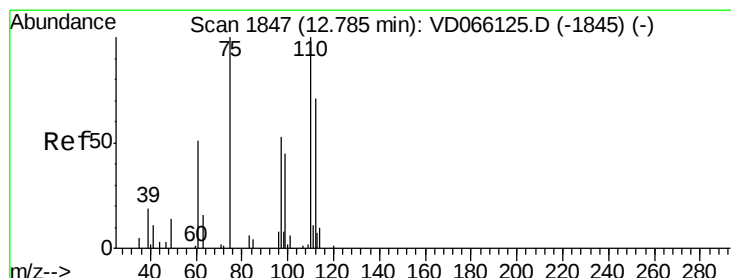
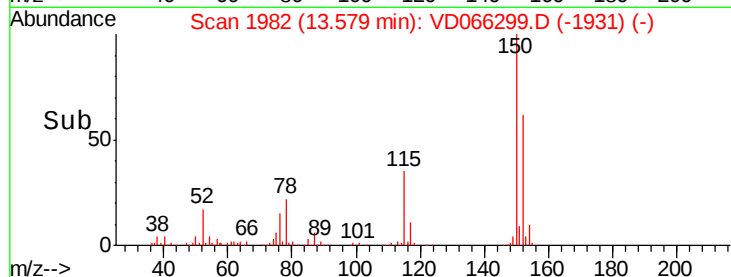
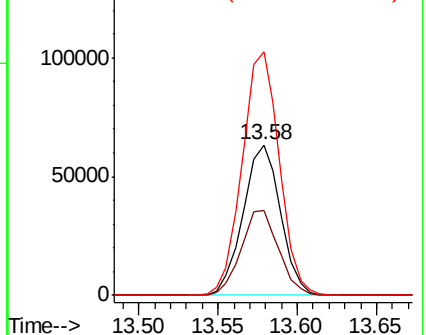
150 159.9 0.0 346.4



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: 59.447 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066299.D

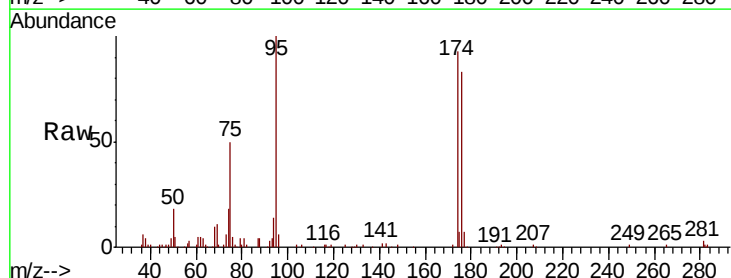
Acq: 19 Aug 2020 03:08

Tgt Ion: 75 Resp: 51632

Ion Ratio Lower Upper

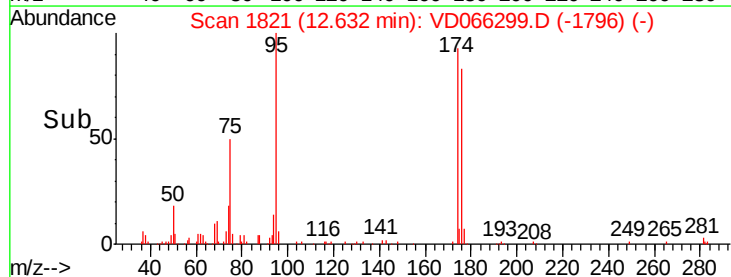
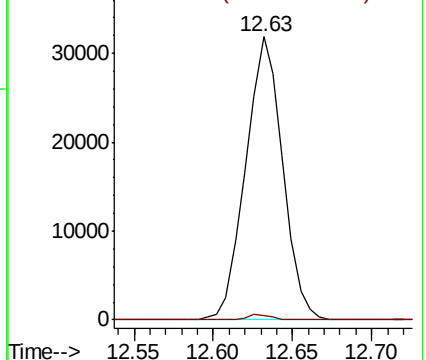
75 100

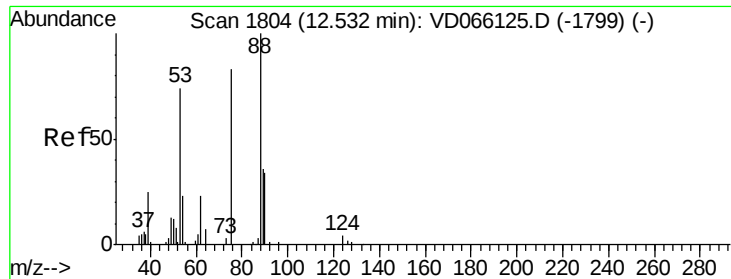
77 1.2 0.0 0.0#



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: 131.411 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066299.D

Acq: 19 Aug 2020 03:08

Instrument :

MSVOA_D

ClientSampleId :

BR-1

Tot Ion: 75 Resp: 51632

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.0 36.6 55.0#

