

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066219.D
 Acq On : 13 Aug 2020 19:19
 Operator : VA/SY
 Sample : L3624-12RE
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-3

Quant Time: Aug 14 03:04:24 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	7.98	168	312819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	500657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	596945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	335723	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	132438	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
35) Dibromofluoromethane	7.91	113	151111	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
50) Toluene-d8	10.34	98	611268	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.63	95	293446	69.56	ug/l	0.00
Spiked Amount			Recovery	=	139.12%	

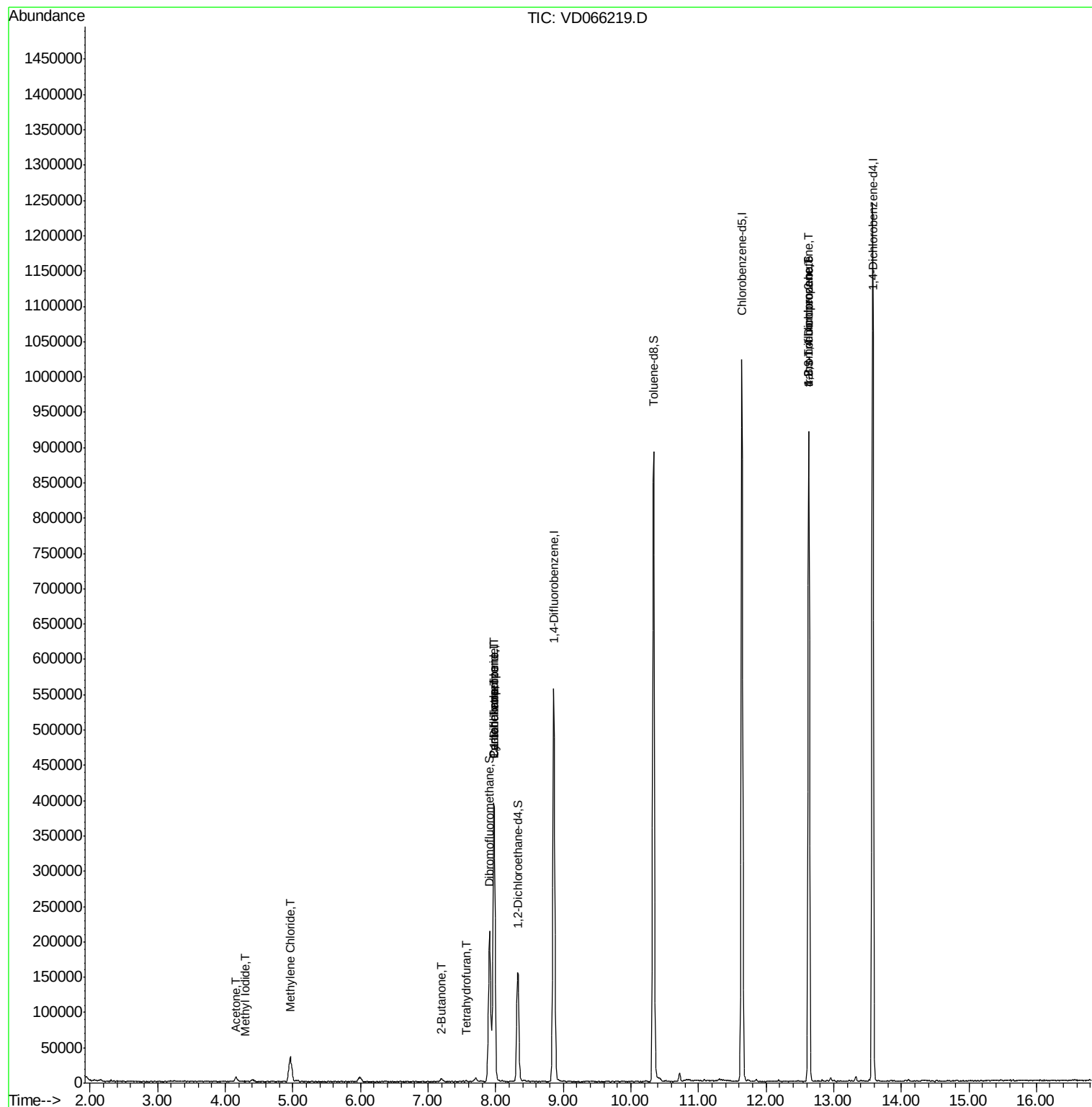
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.29	142	63	6.732	ug/l #	39
11) Tert butyl alcohol	5.26	59	54	Below Cal	#	76
16) Acetone	4.16	43	10940	20.660	ug/l #	88
20) Methylene Chloride	4.97	84	27426	4.802	ug/l	96
25) 2-Butanone	7.20	43	2975	3.820	ug/l #	47
29) Tetrahydrofuran	7.57	42	715	1.482	ug/l #	41
31) Cyclohexane	7.97	56	6102	1.248	ug/l #	60
36) 1,1-Dichloropropene	7.97	75	21566	4.584	ug/l #	50
38) Carbon Tetrachloride	7.97	117	30173	5.751	ug/l #	14
76) 1,2,3-Trichloropropane	12.63	75	148536	53.054	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	148536	117.280	ug/l #	13

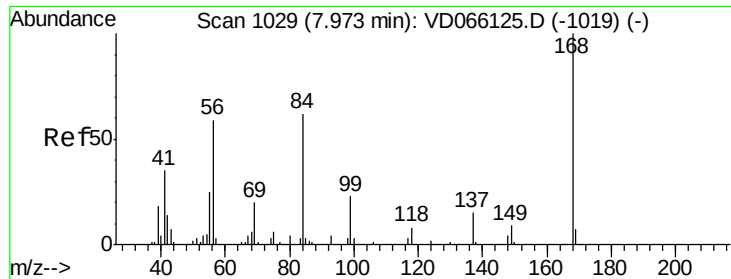
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081320\
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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: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066219.D

Acq: 13 Aug 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

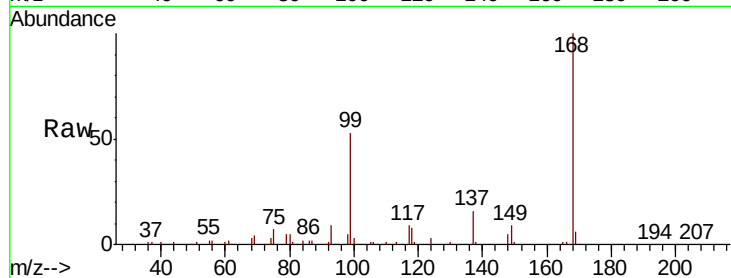
SS-TP-3

Tot Ion:168 Resp: 312819

Ion Ratio Lower Upper

168 100

99 53.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

150000

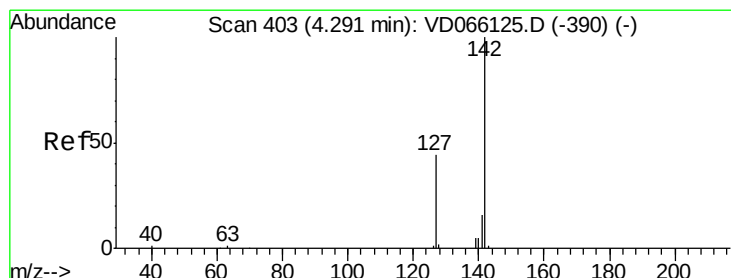
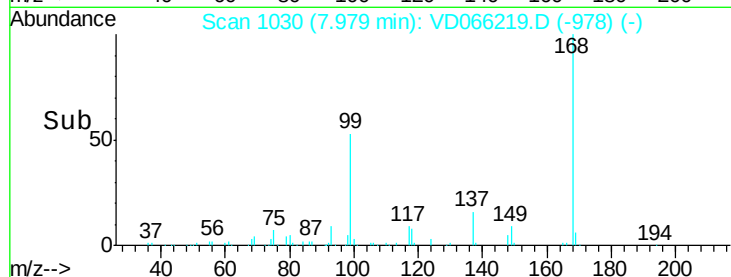
100000

50000

0

Time-->

7.90 8.00 8.10



#10

Methyl Iodide

Concen: 6.732 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD066219.D

Acq: 13 Aug 2020 19:19

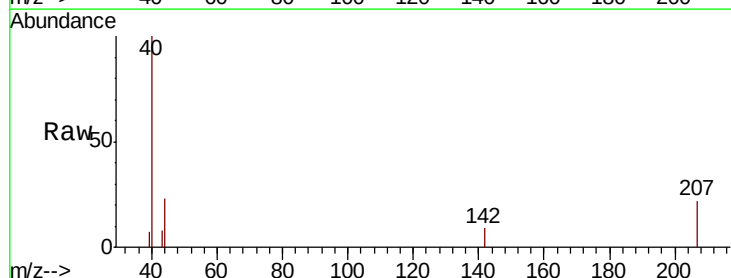
Tgt Ion:142 Resp: 63

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

4.29

250

200

150

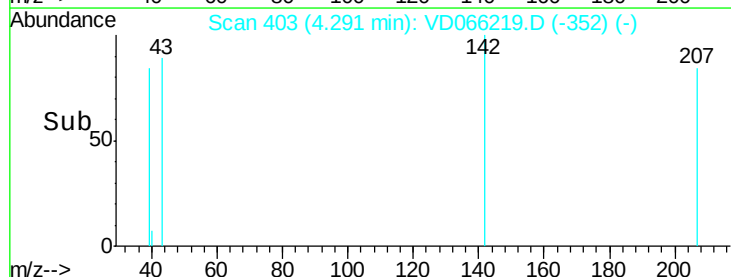
100

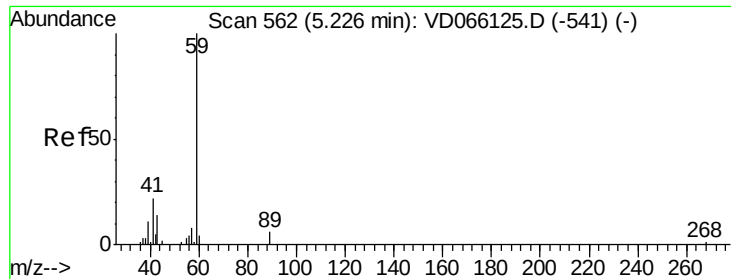
50

0

Time-->

4.27 4.28 4.29 4.30 4.31



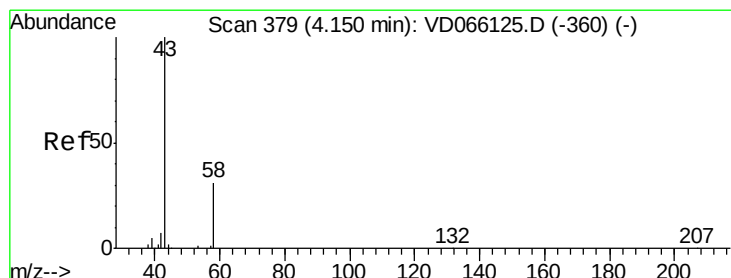
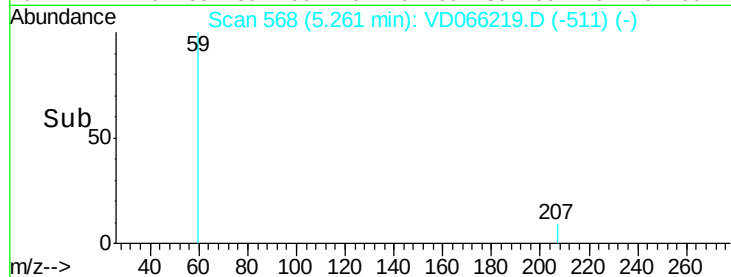
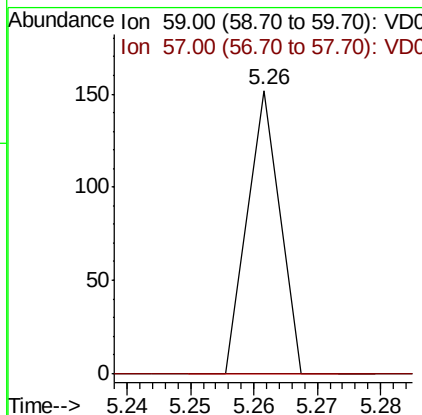
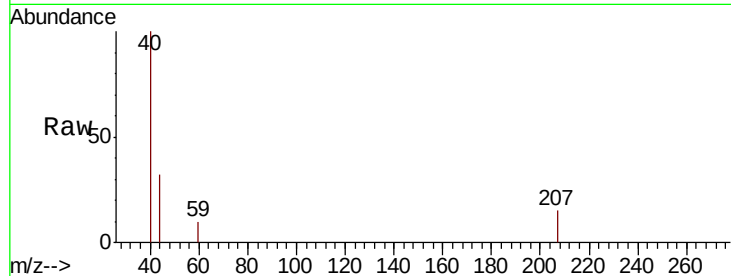


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.26 min Scan# 568
 Delta R.T. 0.04 min
 Lab File: VD066219.D
 Acq: 13 Aug 2020 19:19

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-3

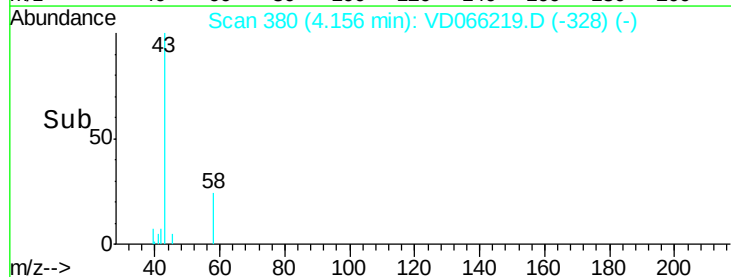
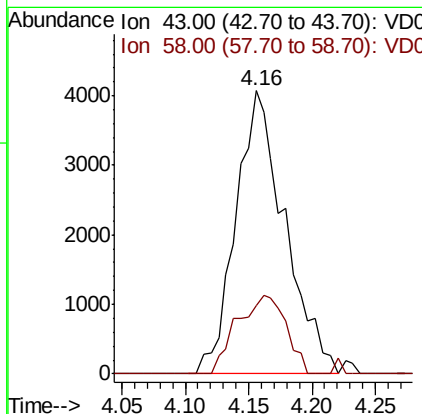
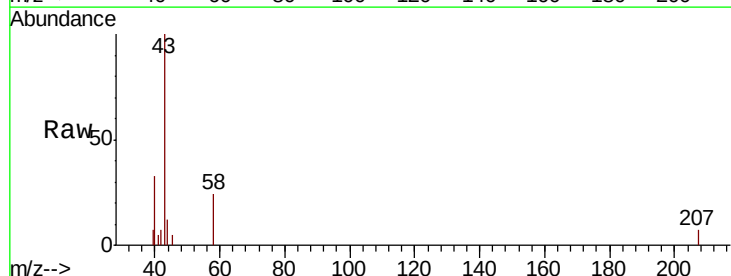
Tot Ion: 59 Resp: 54
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#

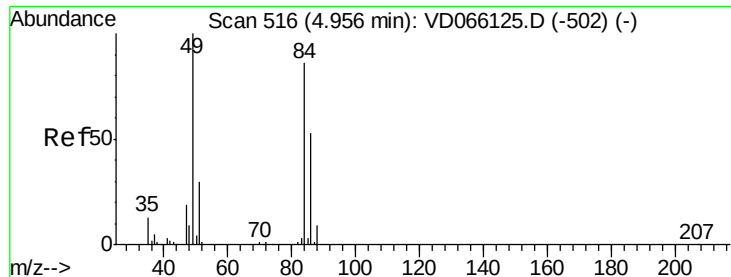


#16

Acetone
 Concen: 20.660 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. 0.01 min
 Lab File: VD066219.D
 Acq: 13 Aug 2020 19:19

Tgt Ion: 43 Resp: 10940
 Ion Ratio Lower Upper
 43 100
 58 24.3 24.7 37.1#

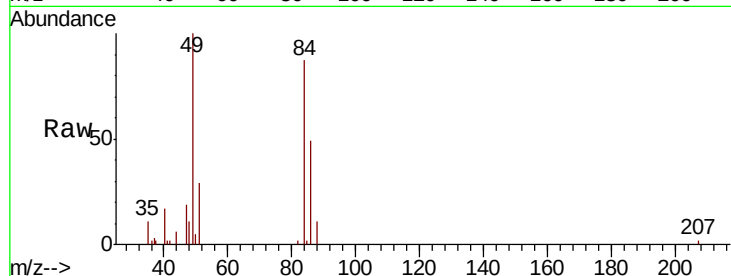




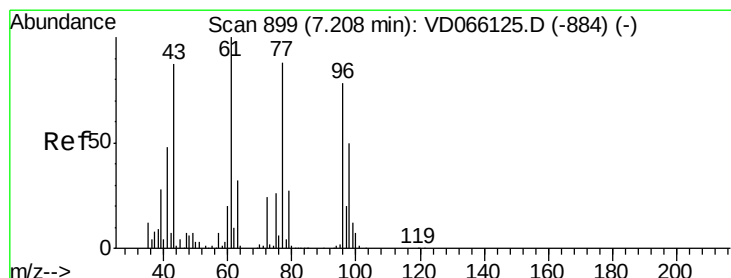
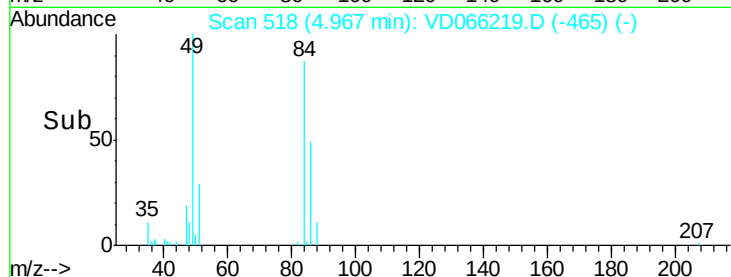
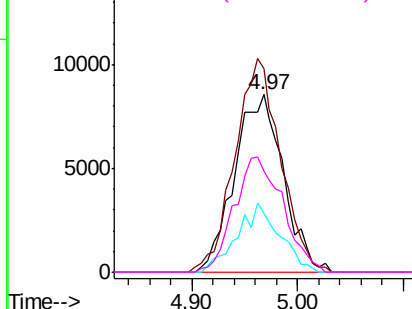
#20
Methylene Chloride
Concen: 4.802 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066219.D
Acq: 13 Aug 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
SS-TP-3

Tot Ion:	84	Resp:	27426
Ion	Ratio	Lower	Upper
84	100		
49	114.8	93.5	140.3
51	33.1	28.2	42.4
86	56.7	49.5	74.3

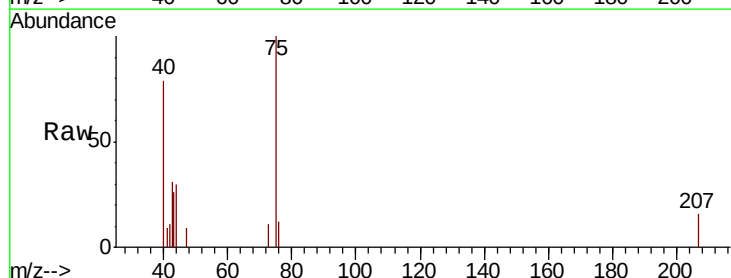


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

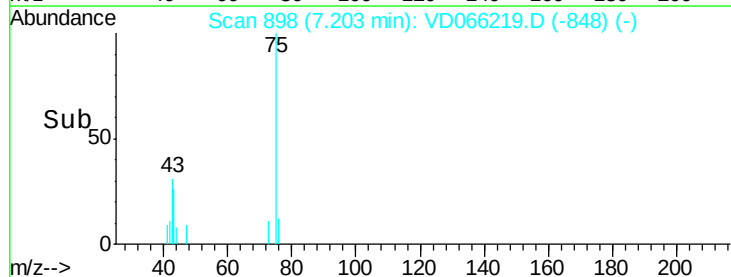
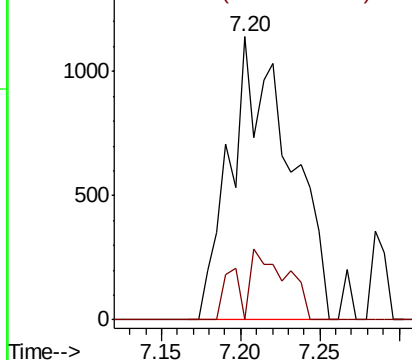


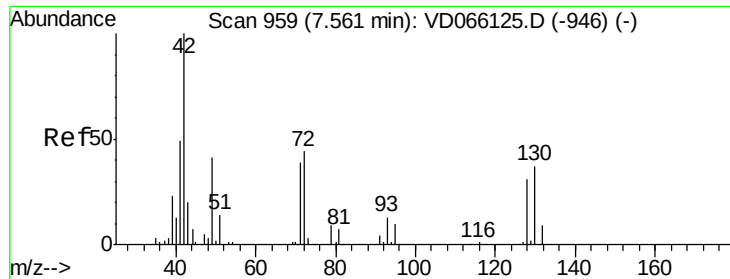
#25
2-Butanone
Concen: 3.820 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066219.D
Acq: 13 Aug 2020 19:19

Tgt Ion:	43	Resp:	2975
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

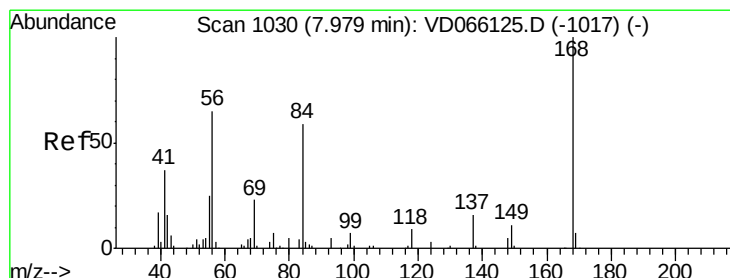
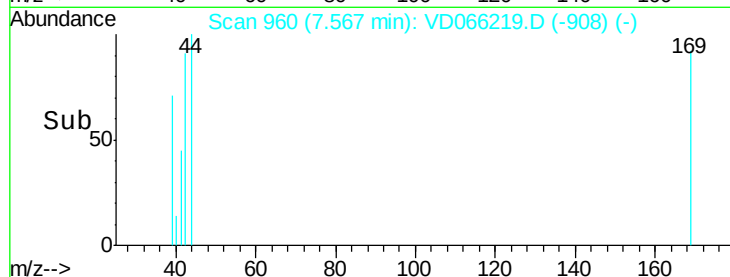
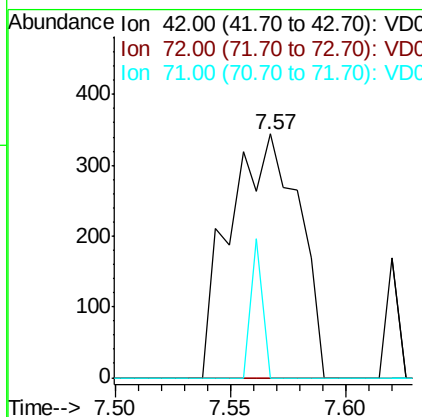
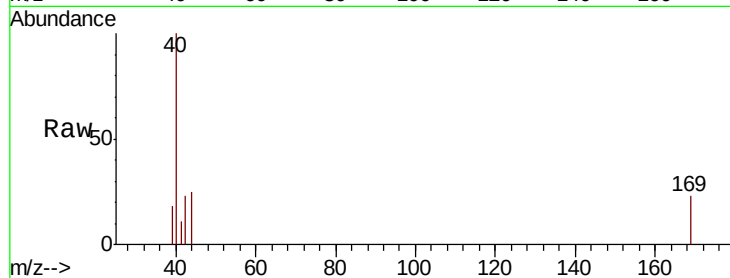




#29
Tetrahydrofuran
Concen: 1.482 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD066219.D
Acq: 13 Aug 2020 19:19

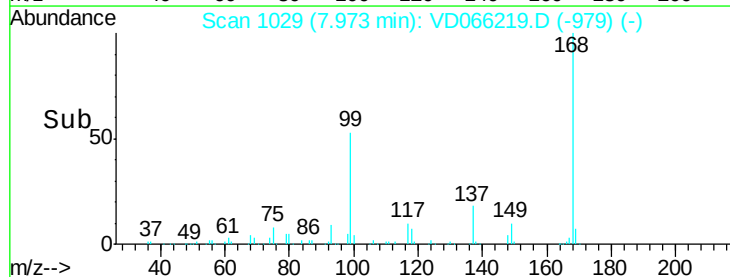
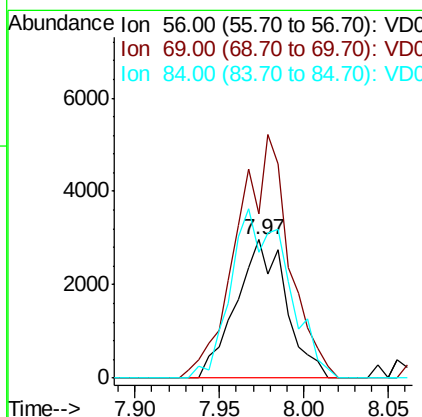
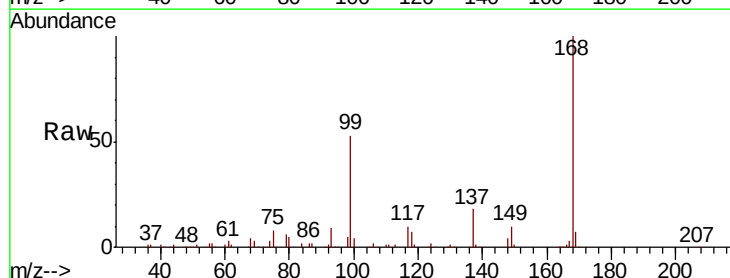
Instrument :
MSVOA_D
ClientSampled :
SS-TP-3

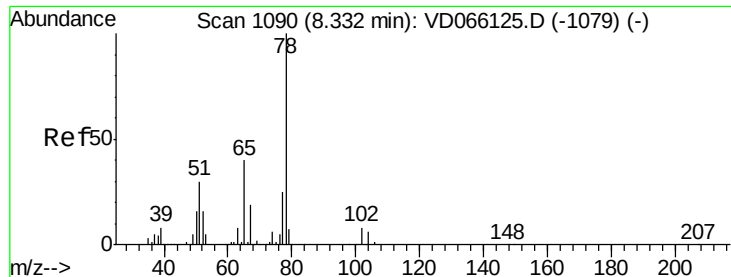
Tot Ion: 42 Resp: 715
Ion Ratio Lower Upper
42 100
72 0.0 34.8 52.2#
71 9.7 33.5 50.3#



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066219.D
Acq: 13 Aug 2020 19:19

Tgt Ion: 56 Resp: 6102
Ion Ratio Lower Upper
56 100
69 119.1 28.8 43.2#
84 90.9 73.0 109.6

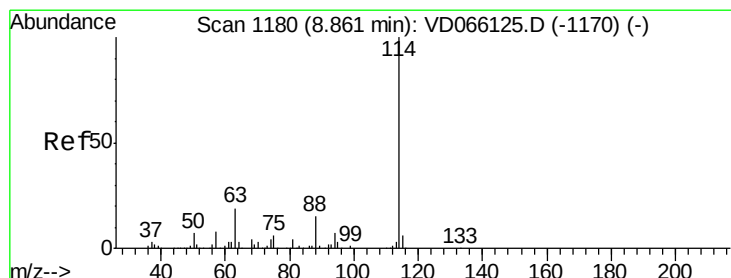
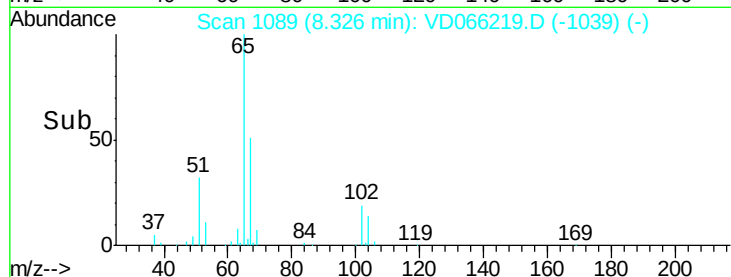
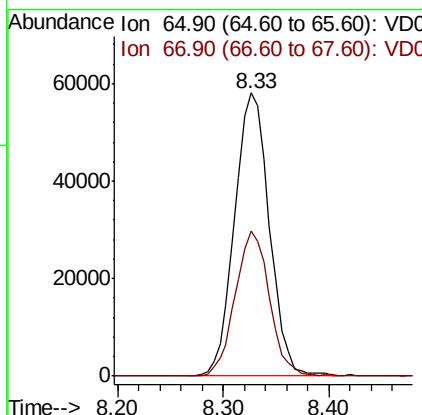
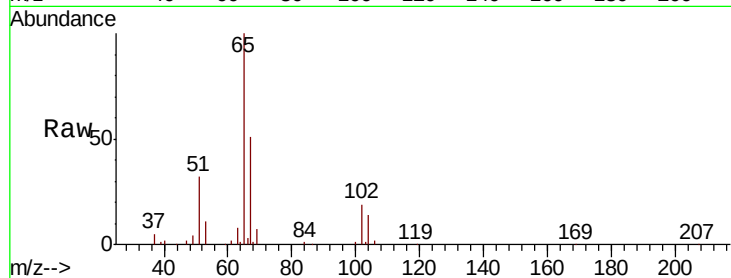




#33
 1,2-Dichloroethane-d4
 Concen: 47.455 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066219.D
 Acq: 13 Aug 2020 19:19

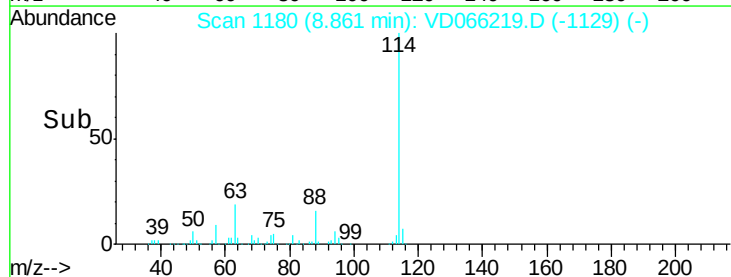
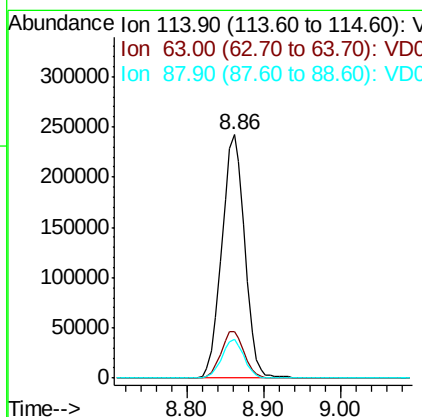
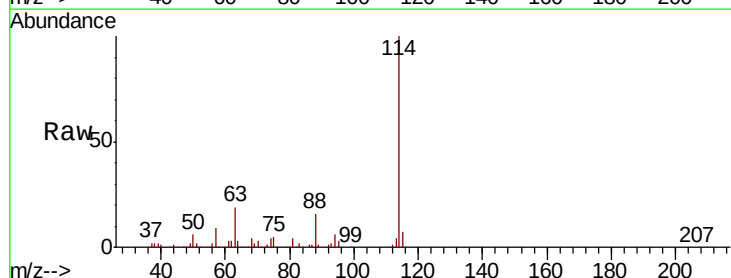
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-3

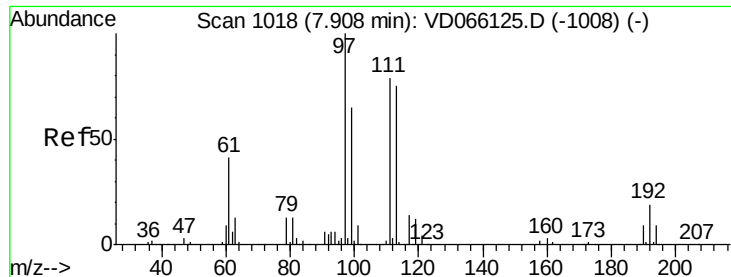
Tot Ion: 65 Resp: 132438
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066219.D
 Acq: 13 Aug 2020 19:19

Tgt Ion: 114 Resp: 500657
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.7 0.0 30.0

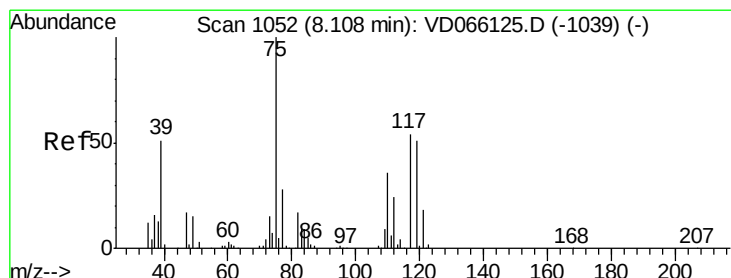
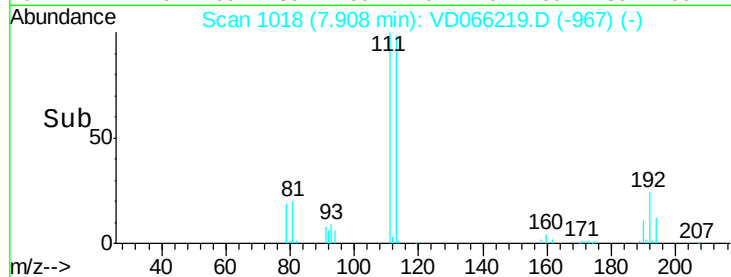
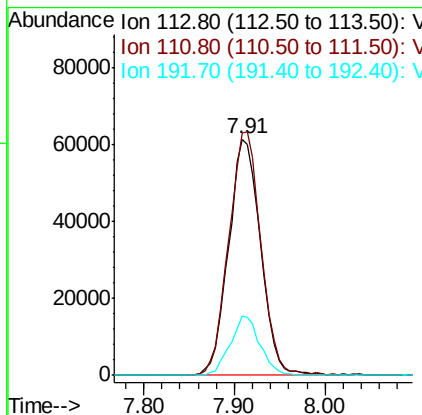
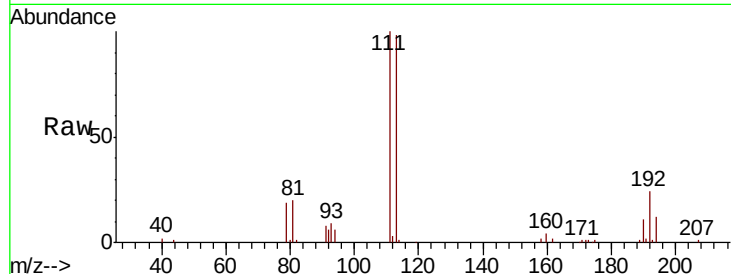




#35
 Dibromofluoromethane
 Concen: 47.645 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066219.D
 Acq: 13 Aug 2020 19:19

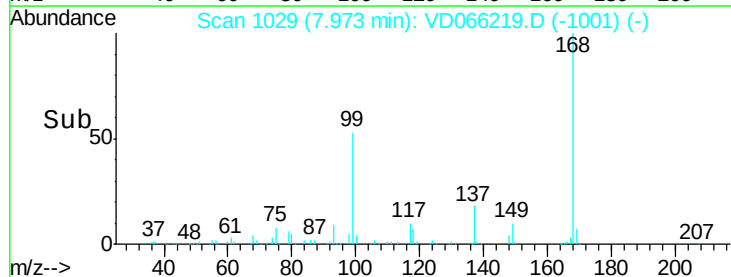
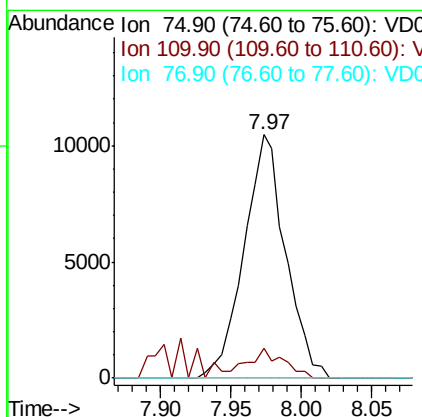
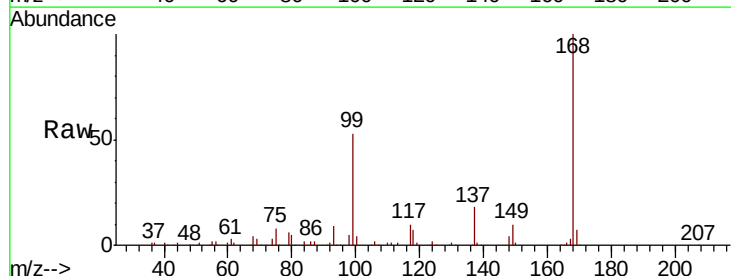
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 MSVOA_D
 ClientSampleId :
 SS-TP-3

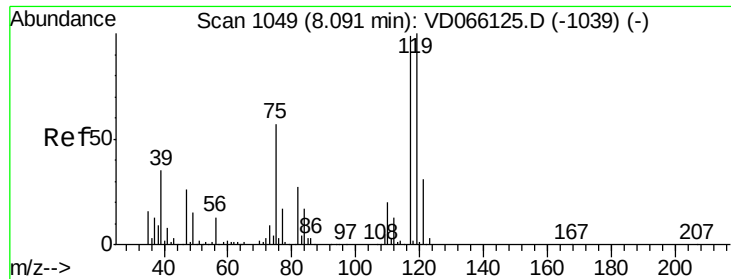
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.7	121.1
192	23.2	18.4	27.6



#36
 1,1-Dichloropropene
 Concen: 4.584 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066219.D
 Acq: 13 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.8	56.3#
77	0.0	24.2	36.2#

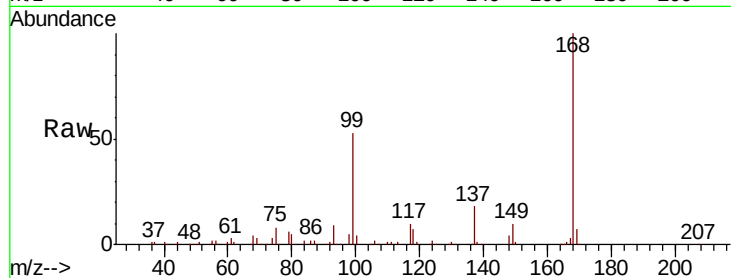




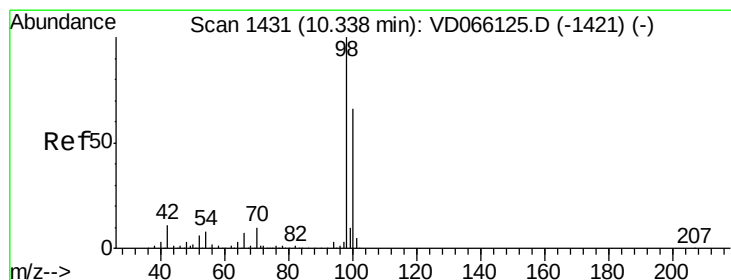
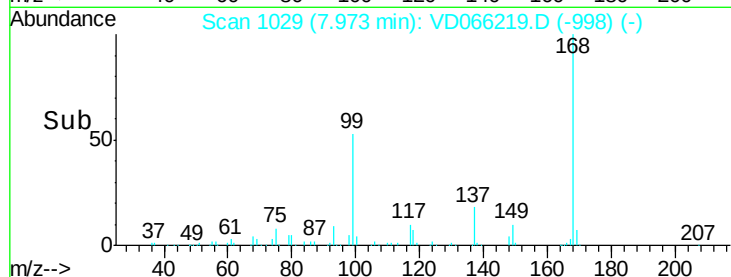
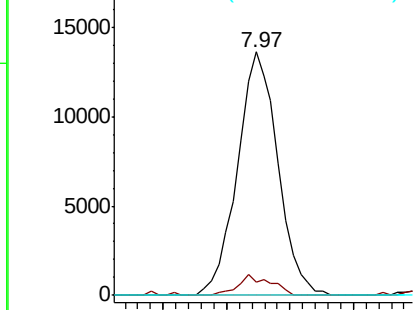
#38
Carbon Tetrachloride
Concen: 5.751 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066219.D
Acq: 13 Aug 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
SS-TP-3

Tot Ion:117 Resp: 30173
Ion Ratio Lower Upper
117 100
119 5.5 81.0 121.4#
121 0.0 24.8 37.2#

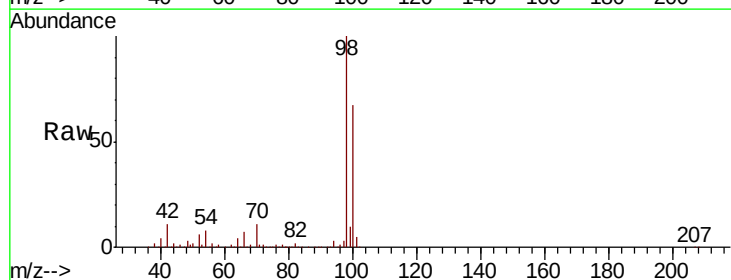


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

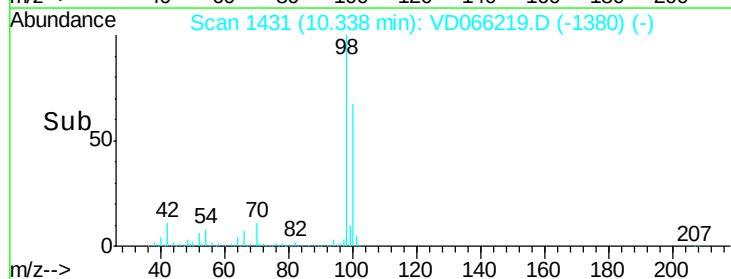
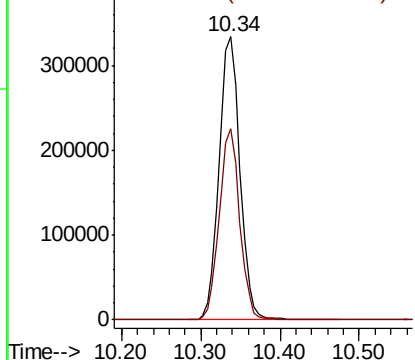


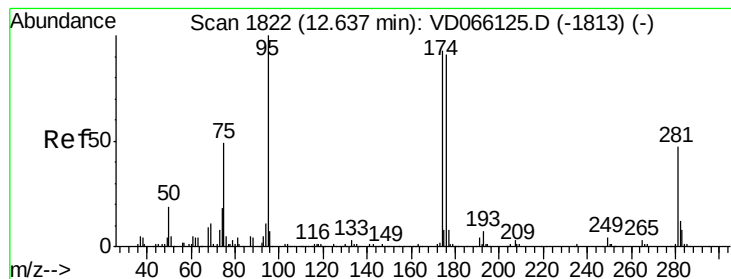
#50
Toluene-d8
Concen: 52.227 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066219.D
Acq: 13 Aug 2020 19:19

Tgt Ion: 98 Resp: 611268
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



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





#62

4-Bromofluorobenzene

Concen: 69.556 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066219.D

Acq: 13 Aug 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

SS-TP-3

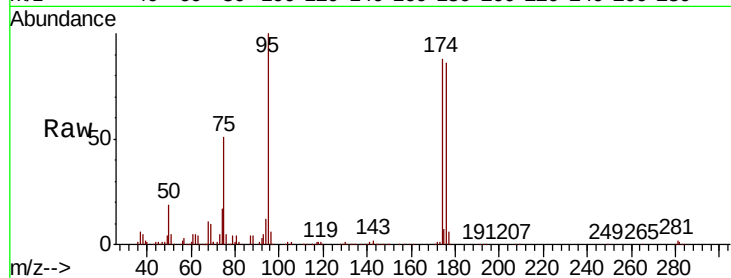
Tot Ion: 95 Resp: 293446

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.8

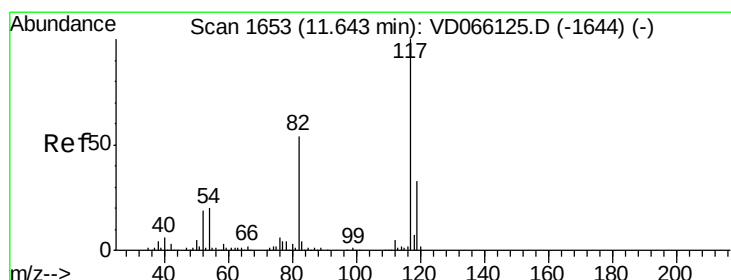
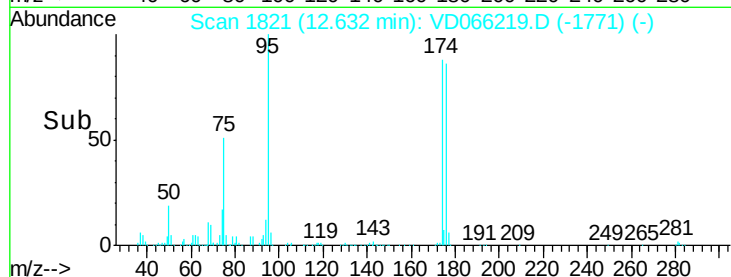
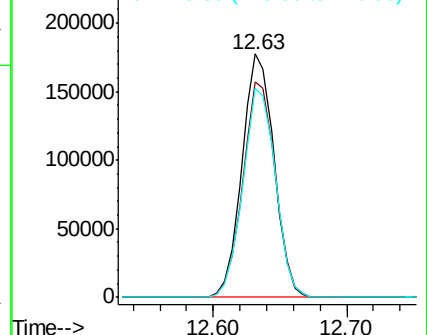
176 87.4 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066219.D

Acq: 13 Aug 2020 19:19

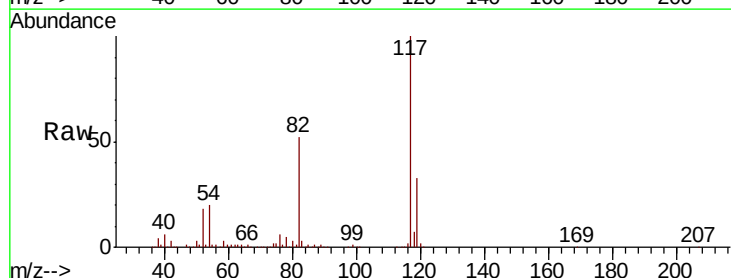
Tgt Ion: 117 Resp: 596945

Ion Ratio Lower Upper

117 100

82 51.8 43.0 64.4

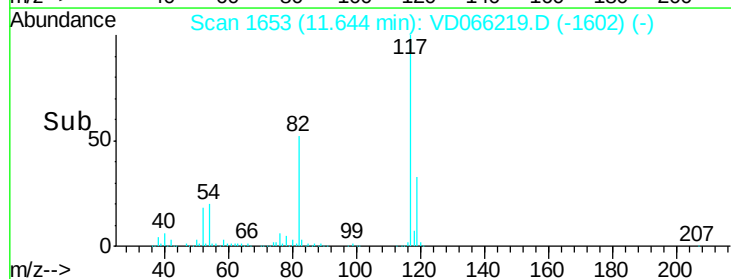
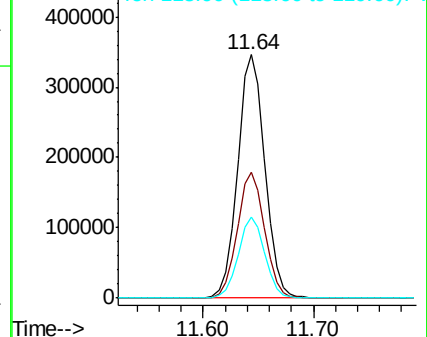
119 33.1 26.1 39.1

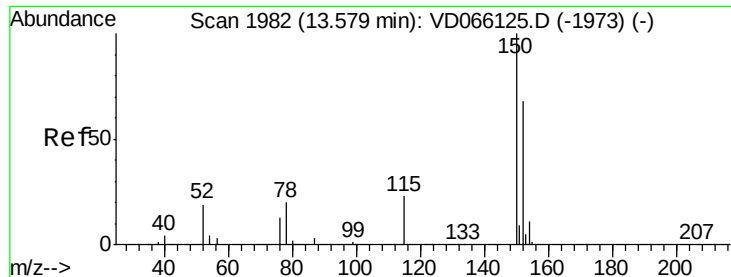


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066219.D

Acq: 13 Aug 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

SS-TP-3

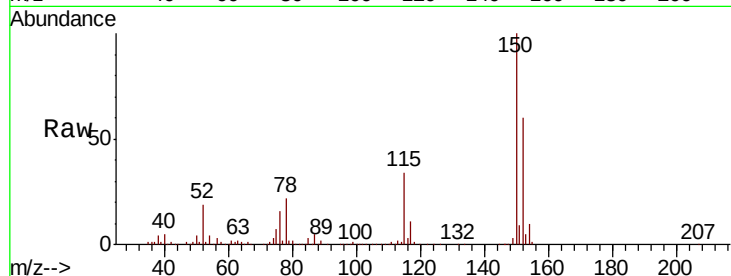
Tot Ion:152 Resp: 335723

Ion Ratio Lower Upper

152 100

115 56.6 28.0 83.9

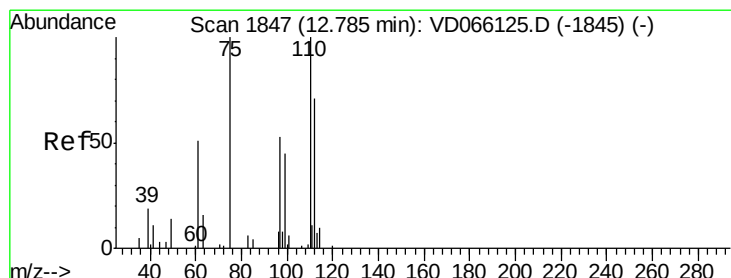
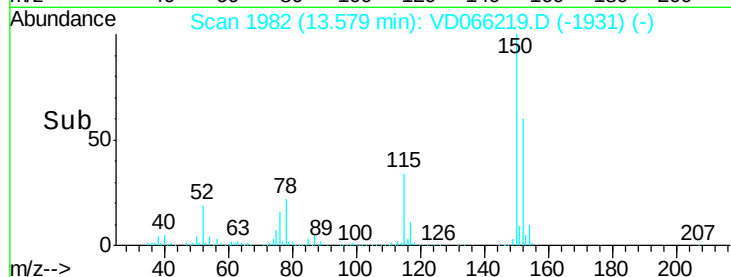
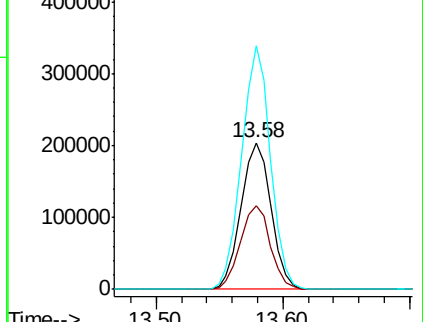
150 159.2 0.0 346.4



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: 53.054 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066219.D

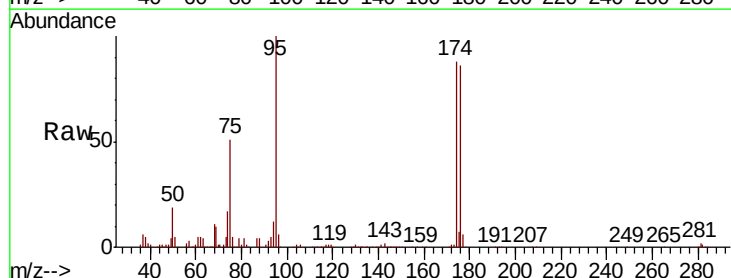
Acq: 13 Aug 2020 19:19

Tgt Ion: 75 Resp: 148536

Ion Ratio Lower Upper

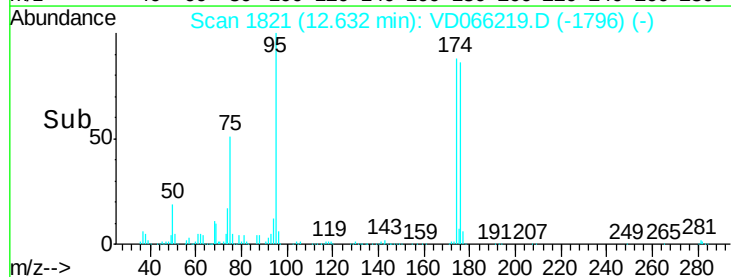
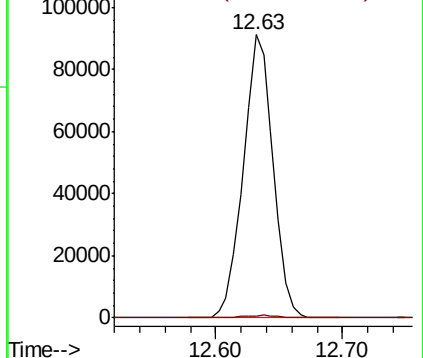
75 100

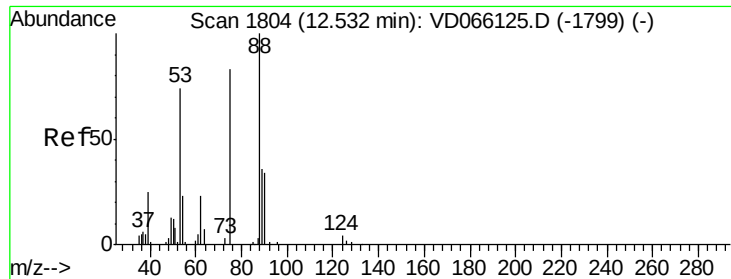
77 1.1 0.0 0.0#



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: 117.280 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066219.D

Acq: 13 Aug 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

SS-TP-3

Tot Ion: 75 Resp: 148536

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.0 36.6 55.0#

