

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066301.D
 Acq On : 19 Aug 2020 04:02
 Operator : VA/SY
 Sample : L3681-04
 Misc : 8.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Aug 19 06:46:54 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	170187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	262556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	240031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	114311	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	93277	61.43	ug/l	0.00
Spiked Amount			Recovery	=	122.86%	
35) Dibromofluoromethane	7.91	113	87413	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
50) Toluene-d8	10.34	98	263712	42.96	ug/l	0.00
Spiked Amount			Recovery	=	85.92%	
62) 4-Bromofluorobenzene	12.63	95	100680	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	

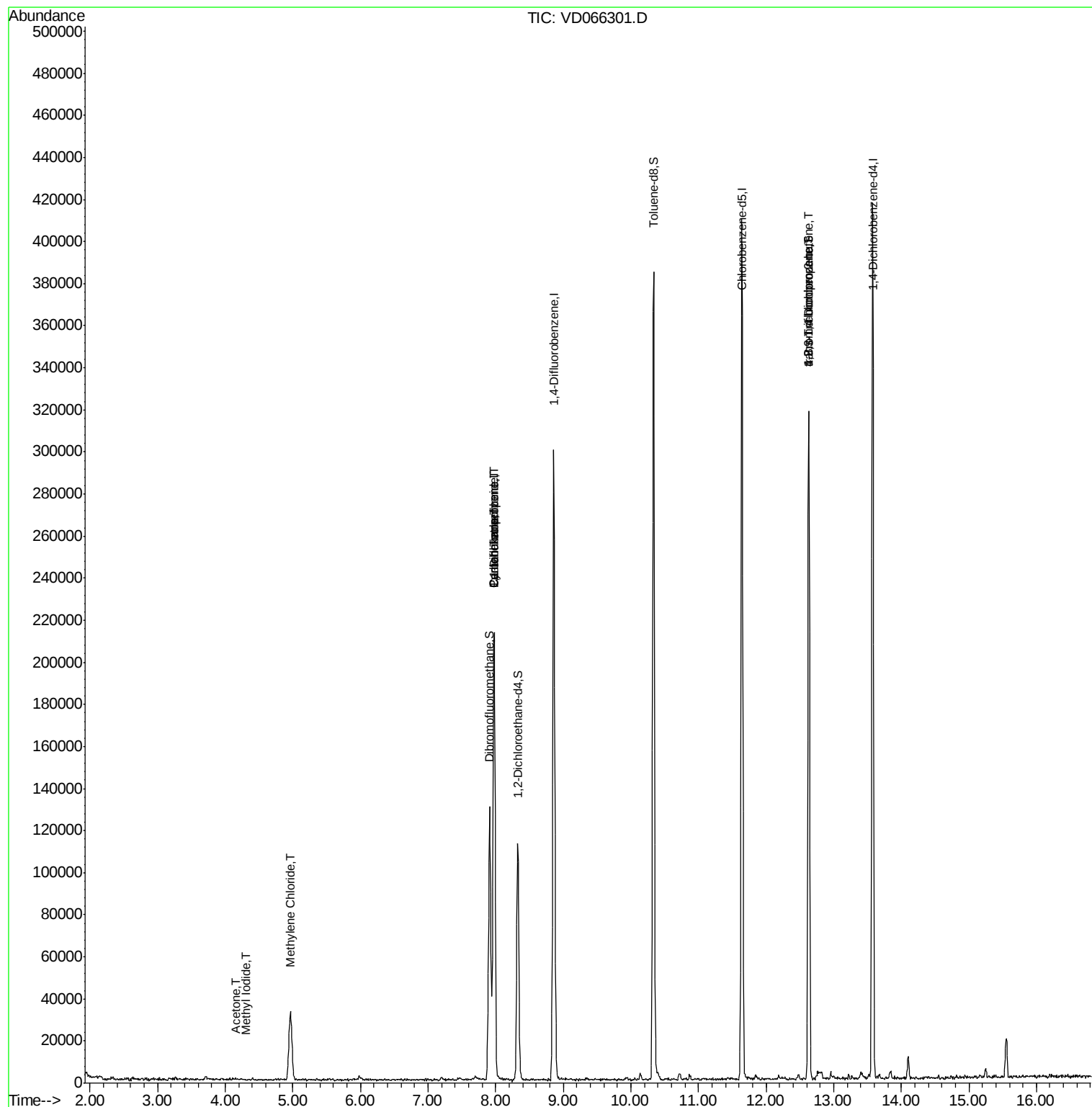
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	192	6.825	ug/l #	39
16) Acetone	4.16	43	422	1.465	ug/l #	44
20) Methylene Chloride	4.97	84	25092	11.582	ug/l	91
31) Cyclohexane	7.97	56	3477	1.307	ug/l #	19
36) 1,1-Dichloropropene	7.98	75	12287	4.980	ug/l #	50
38) Carbon Tetrachloride	7.97	117	16133	5.864	ug/l #	10
76) 1,2,3-Trichloropropane	12.63	75	50776	53.265	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	50776	117.745	ug/l #	13

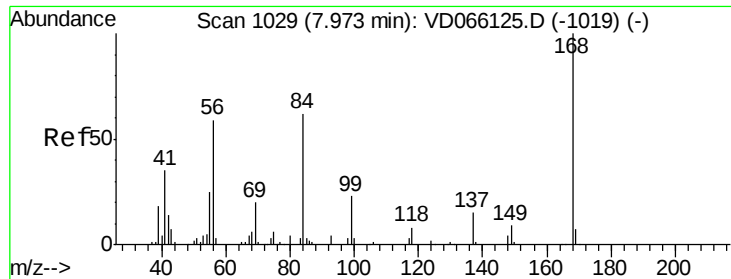
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066301.D
Acq On : 19 Aug 2020 04:02
Operator : VA/SY
Sample : L3681-04
Misc : 8.06G/5.00ml/MSVOA D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Quant Time: Aug 19 06:46:54 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

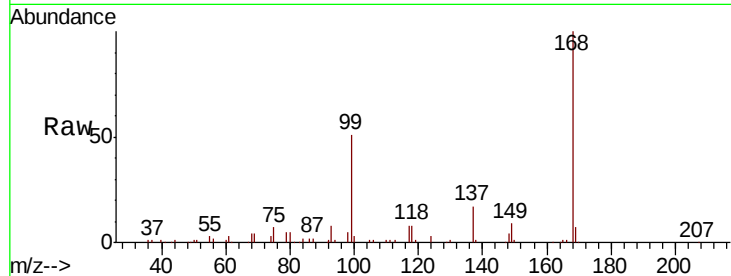




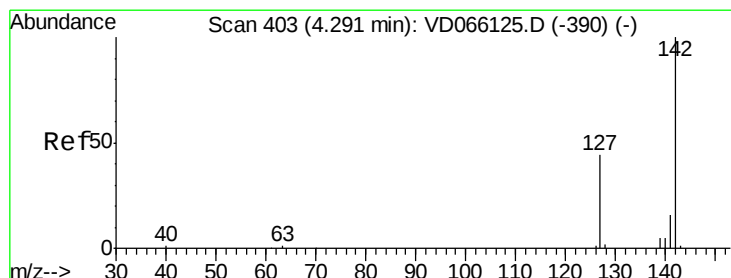
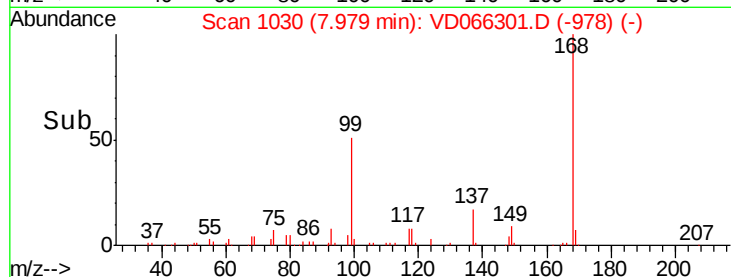
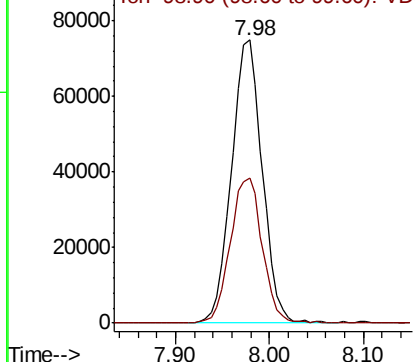
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VD066301.D
Acq: 19 Aug 2020 04:02

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tot Ion:168 Resp: 170187
Ion Ratio Lower Upper
168 100
99 51.3 42.2 63.4

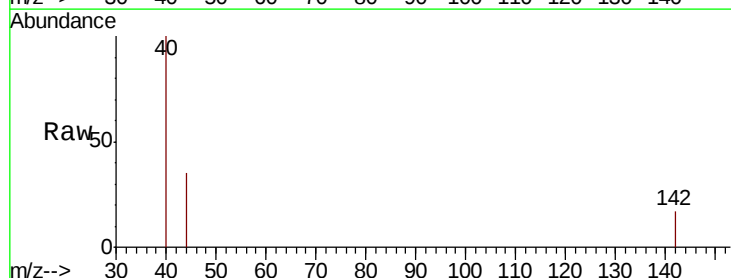


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): V

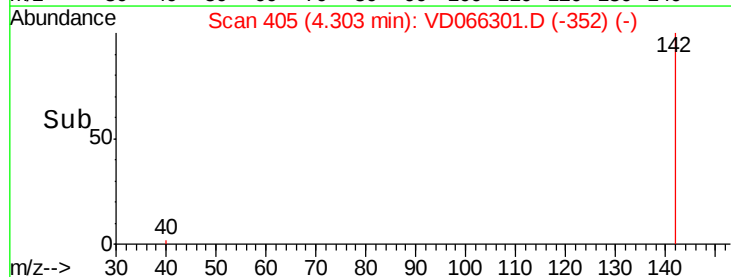
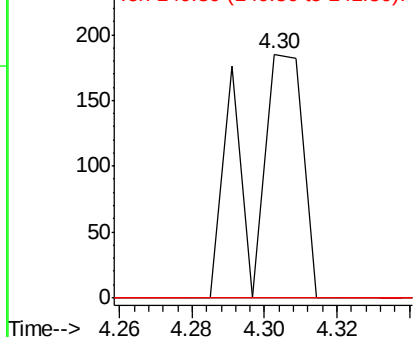


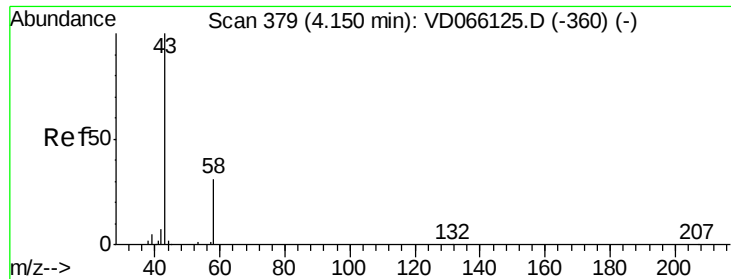
#10
Methyl Iodide
Concen: 6.825 ug/l
RT: 4.30 min Scan# 405
Delta R.T. 0.01 min
Lab File: VD066301.D
Acq: 19 Aug 2020 04:02

Tgt Ion:142 Resp: 192
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





#16

Acetone

Concen: 1.465 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066301.D

Acq: 19 Aug 2020 04:02

Instrument :

MSVOA_D

ClientSampleId :

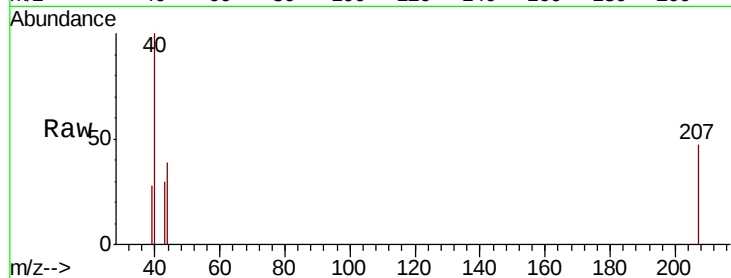
TP-2

Tot Ion: 43 Resp: 422

Ion Ratio Lower Upper

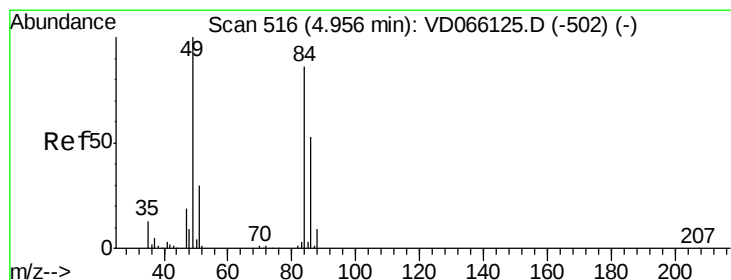
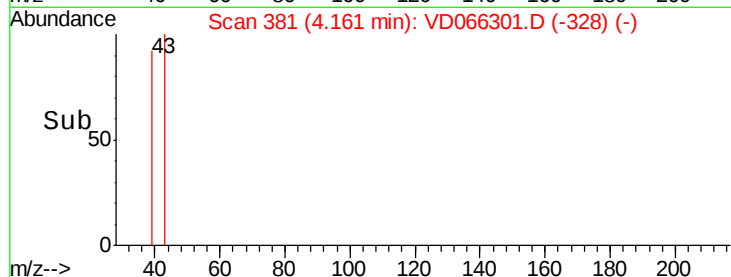
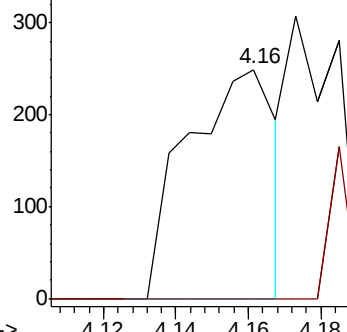
43 100

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

Methylene Chloride

Concen: 11.582 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066301.D

Acq: 19 Aug 2020 04:02

Tgt Ion: 84 Resp: 25092

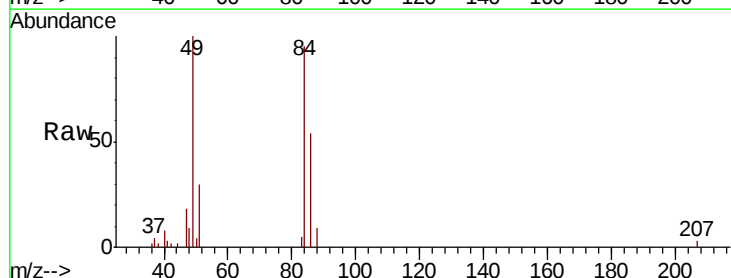
Ion Ratio Lower Upper

84 100

49 105.6 93.5 140.3

51 31.3 28.2 42.4

86 56.8 49.5 74.3

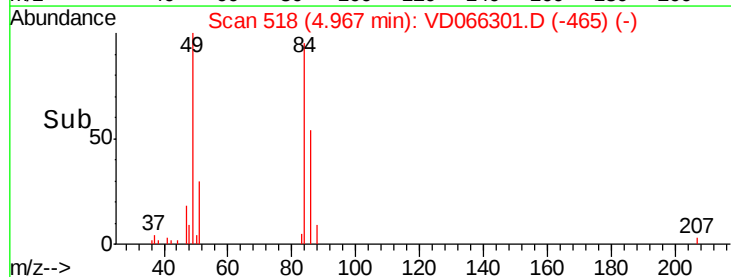
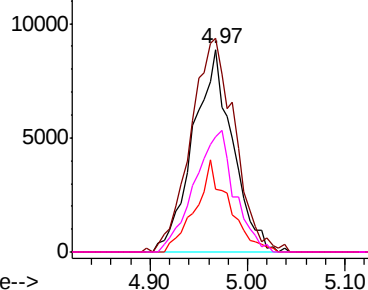


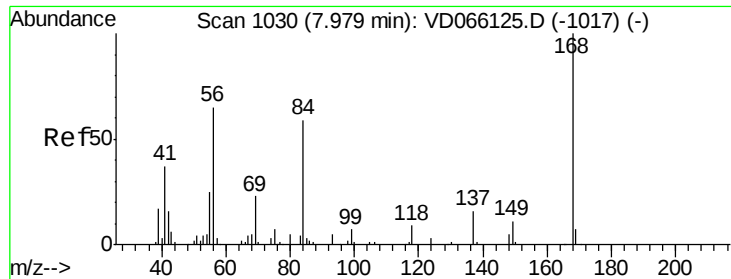
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

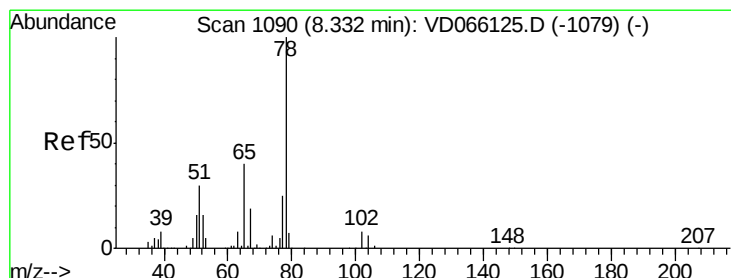
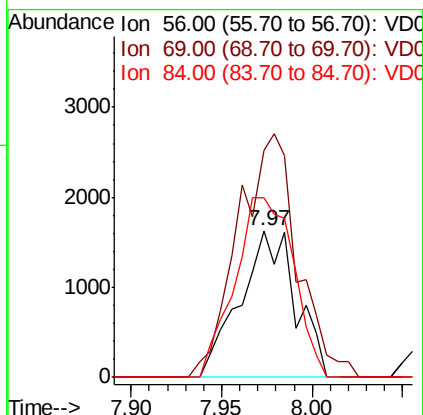
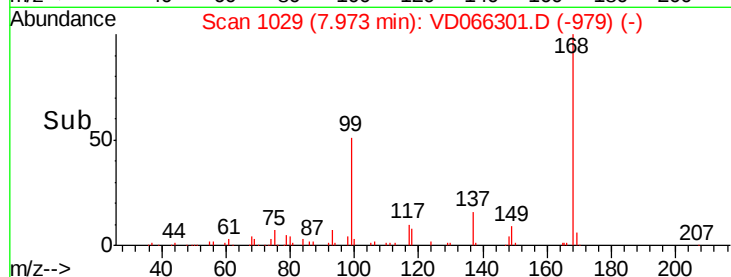
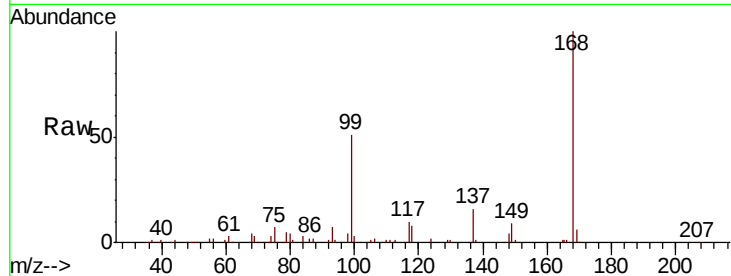




#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066301.D
Acq: 19 Aug 2020 04:02

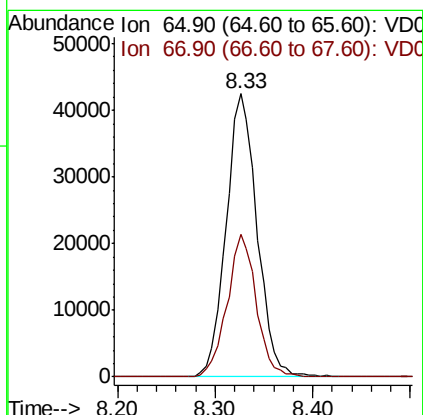
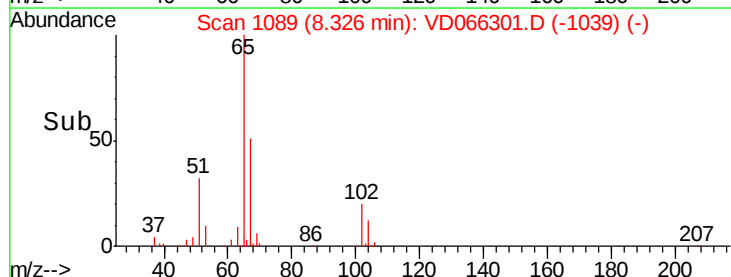
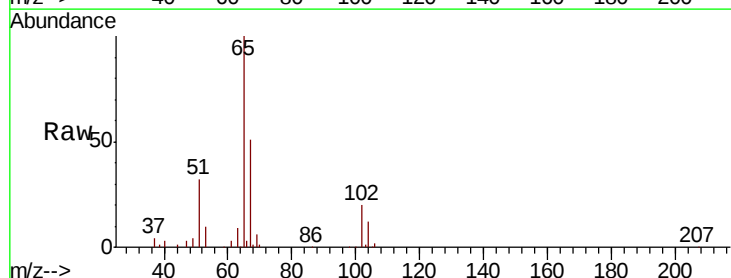
Instrument :
MSVOA_D
ClientSampled :
TP-2

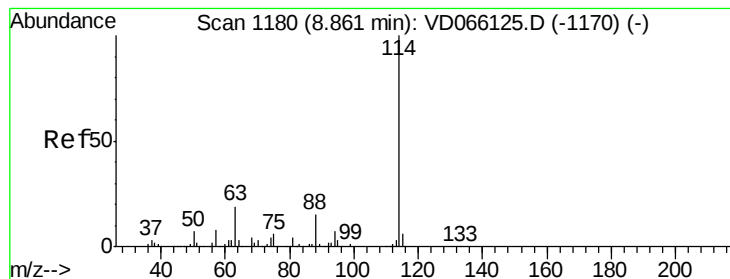
Tot Ion: 56 Resp: 3477
Ion Ratio Lower Upper
56 100
69 154.7 28.8 43.2#
84 122.4 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 61.434 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066301.D
Acq: 19 Aug 2020 04:02

Tgt Ion: 65 Resp: 93277
Ion Ratio Lower Upper
65 100
67 47.6 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: VD066301.D

Acq: 19 Aug 2020 04:02

Instrument :

MSVOA_D

ClientSampleId :

TP-2

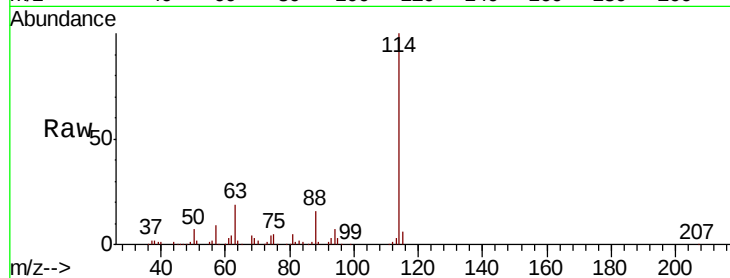
Tot Ion:114 Resp: 262556

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

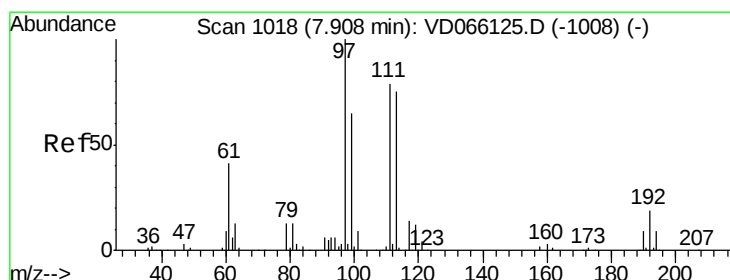
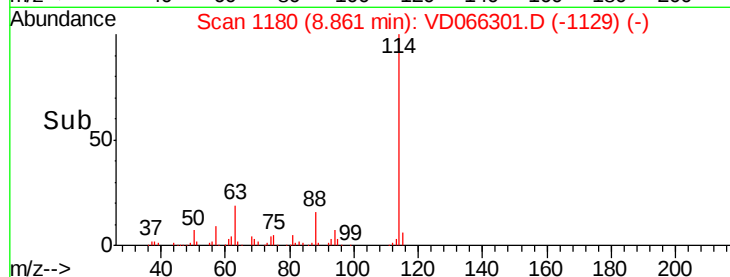
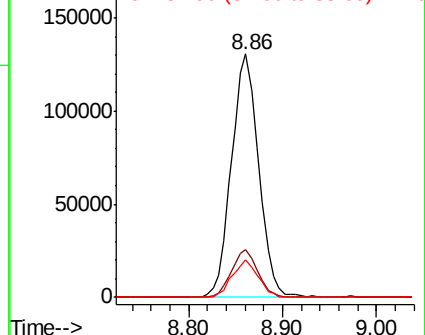
88 15.6 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 52.555 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066301.D

Acq: 19 Aug 2020 04:02

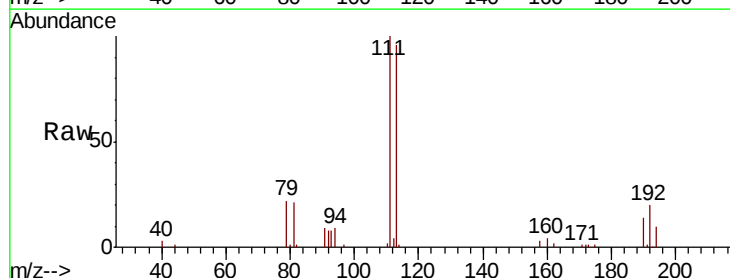
Tgt Ion:113 Resp: 87413

Ion Ratio Lower Upper

113 100

111 102.8 80.7 121.1

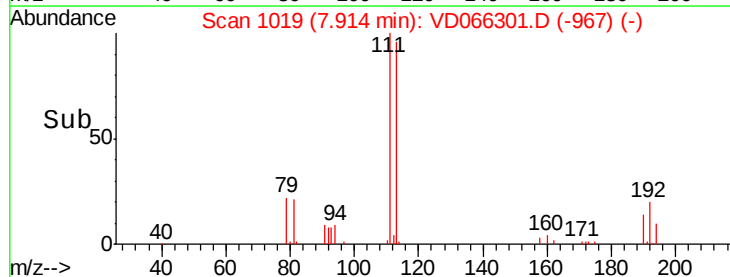
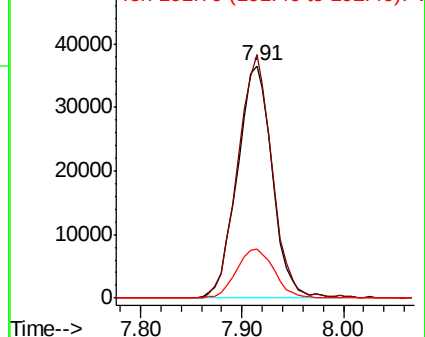
192 22.6 18.4 27.6

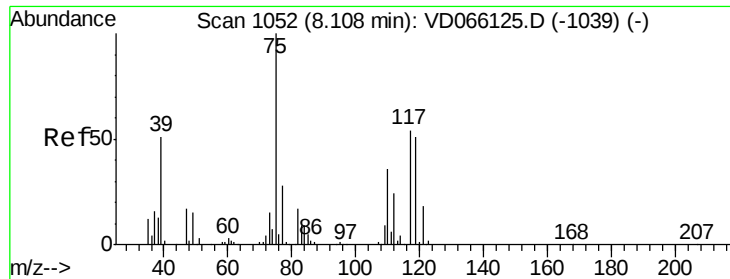


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

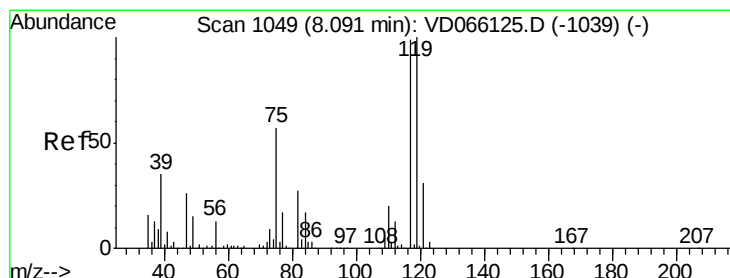
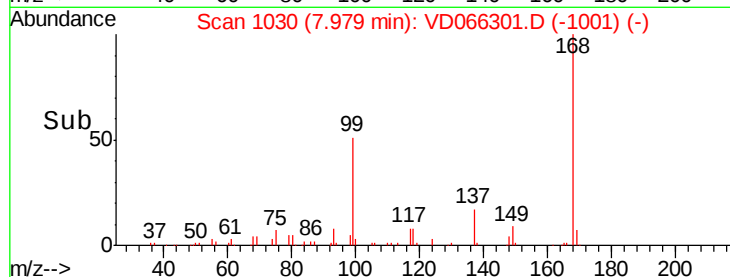
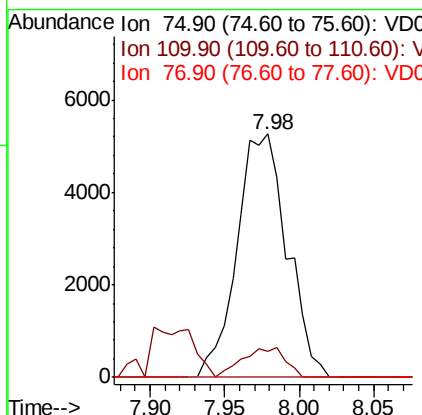
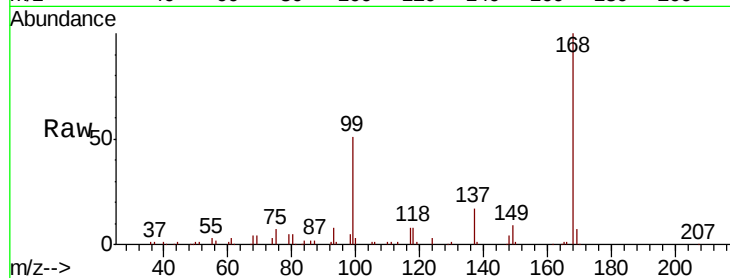




#36
 1,1-Dichloropropene
 Concen: 4.980 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066301.D
 Acq: 19 Aug 2020 04:02

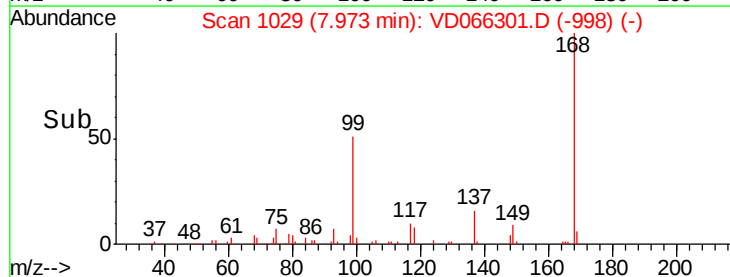
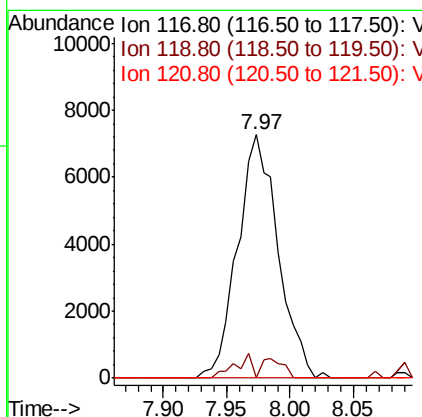
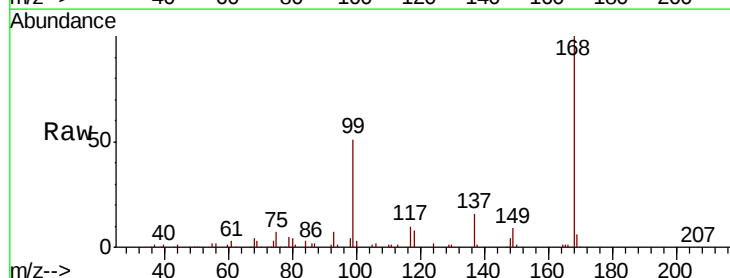
Instrument :
 MSVOA_D
 ClientSampled :
 TP-2

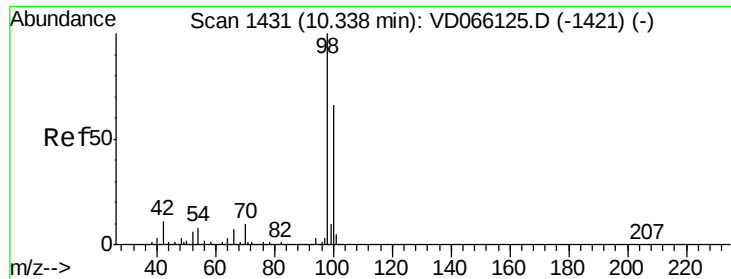
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.8	56.3#
77	0.0	24.2	36.2#



#38
 Carbon Tetrachloride
 Concen: 5.864 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.12 min
 Lab File: VD066301.D
 Acq: 19 Aug 2020 04:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	81.0	121.4#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 42.965 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066301.D

Acq: 19 Aug 2020 04:02

Instrument :

MSVOA_D

ClientSampleId :

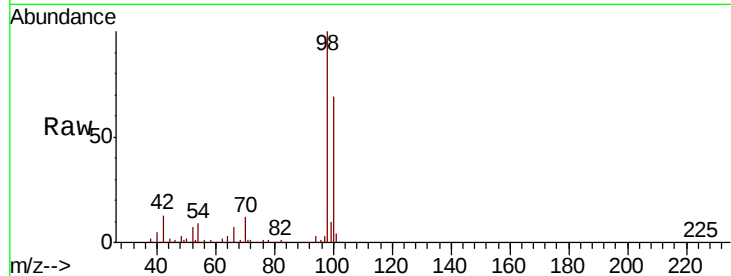
TP-2

Tot Ion: 98 Resp: 263712

Ion Ratio Lower Upper

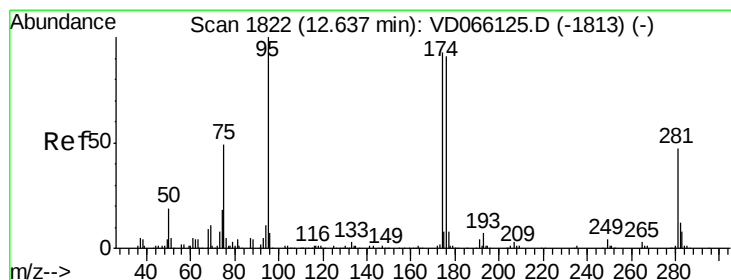
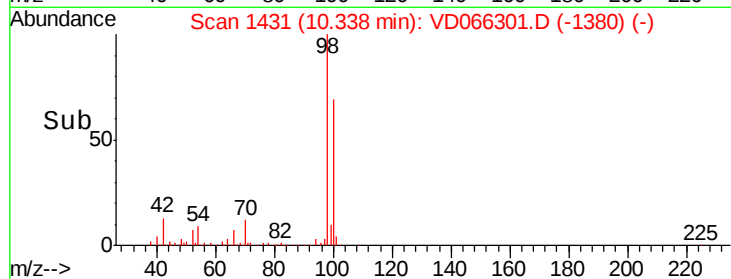
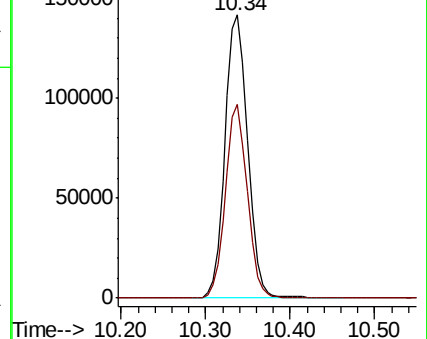
98 100

100 66.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 45.506 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066301.D

Acq: 19 Aug 2020 04:02

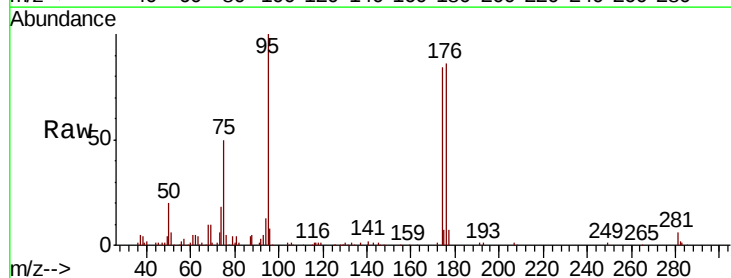
Tgt Ion: 95 Resp: 100680

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.8

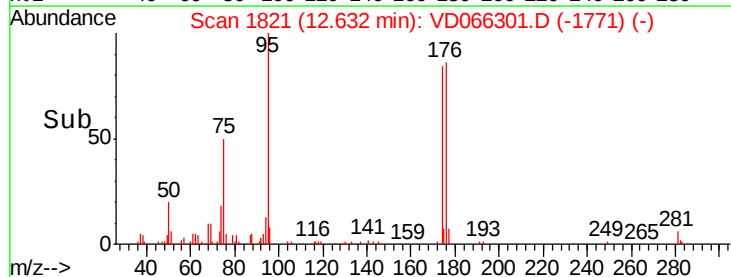
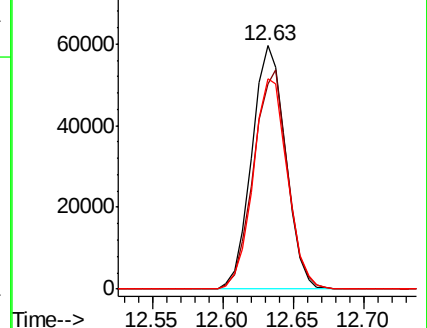
176 87.6 0.0 181.2

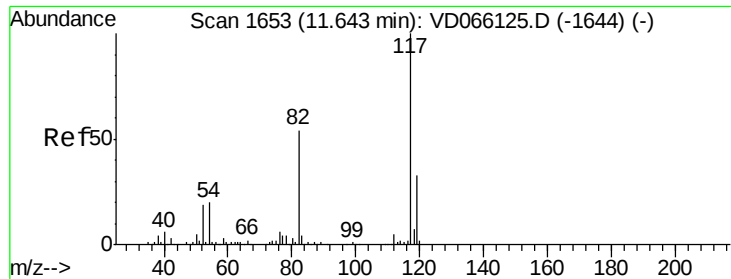


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

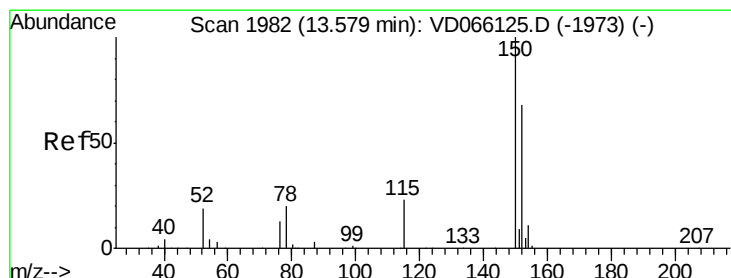
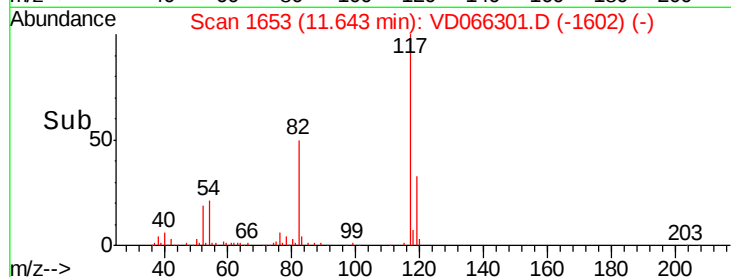
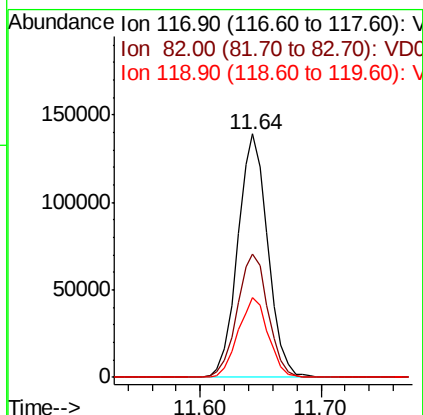
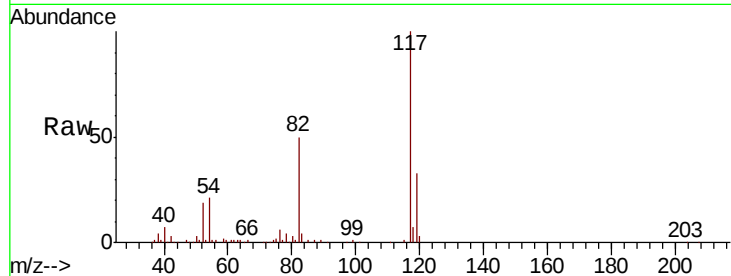




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066301.D
Acq: 19 Aug 2020 04:02

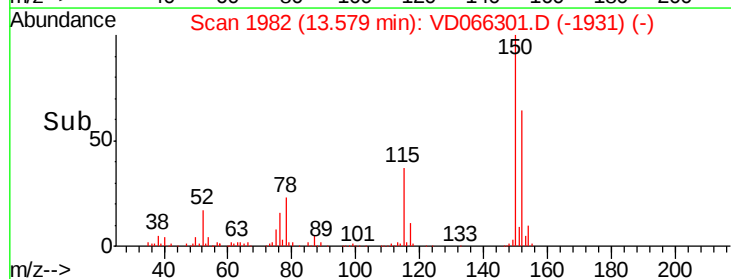
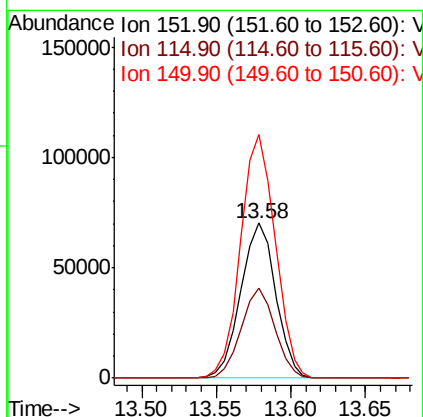
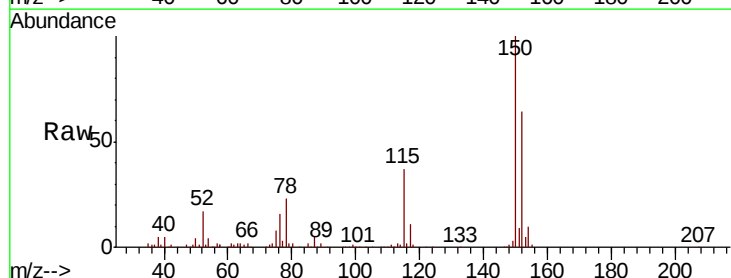
Instrument :
MSVOA_D
ClientSampleId :
TP-2

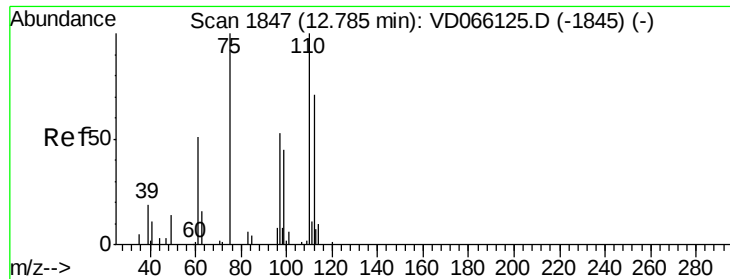
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.4	43.0	64.4
119	32.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066301.D
Acq: 19 Aug 2020 04:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.0	83.9
150	155.5	0.0	346.4

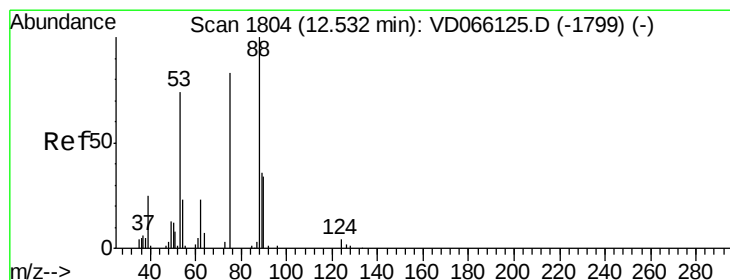
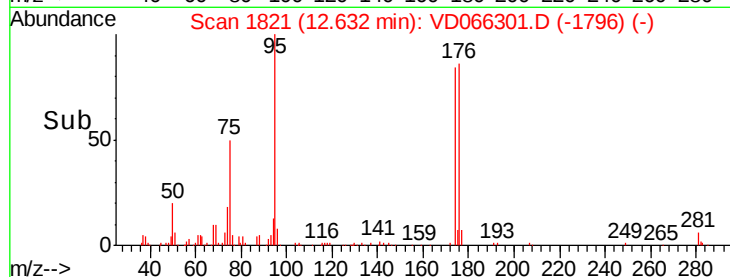
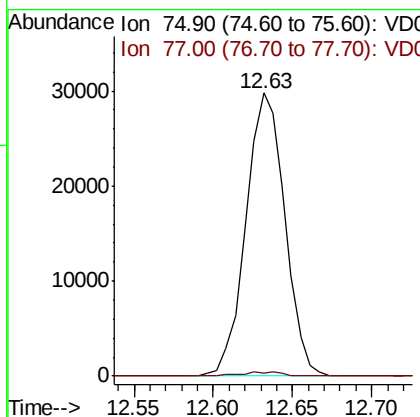
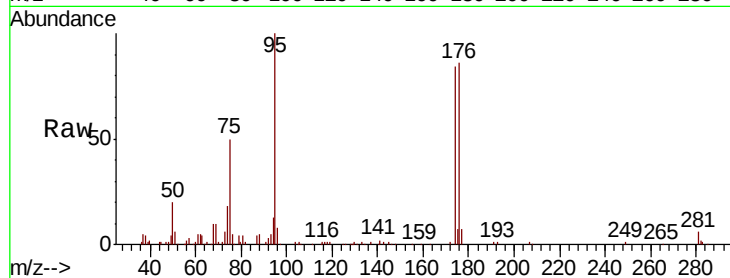




#76
 1,2,3-Trichloropropane
 Concen: 53.265 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066301.D
 Acq: 19 Aug 2020 04:02

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tot Ion: 75 Resp: 50776
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.745 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066301.D
 Acq: 19 Aug 2020 04:02

Tgt Ion: 75 Resp: 50776
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.2#
 89 0.0 36.6 55.0#

