

Data File : VD064165.D
Acq On : 08 Nov 2019 20:11
Operator : VA/SY
Sample : K5763-10
Misc : 7.91G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-34-D2

Quant Time: Nov 09 01:49:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 08 16:20:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	708561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1076172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1038487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	531930	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	305929	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
35) Dibromofluoromethane	7.92	113	325817	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
50) Toluene-d8	10.34	98	1277740	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	
62) 4-Bromofluorobenzene	12.64	95	489159	60.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.22%	

Target Compounds

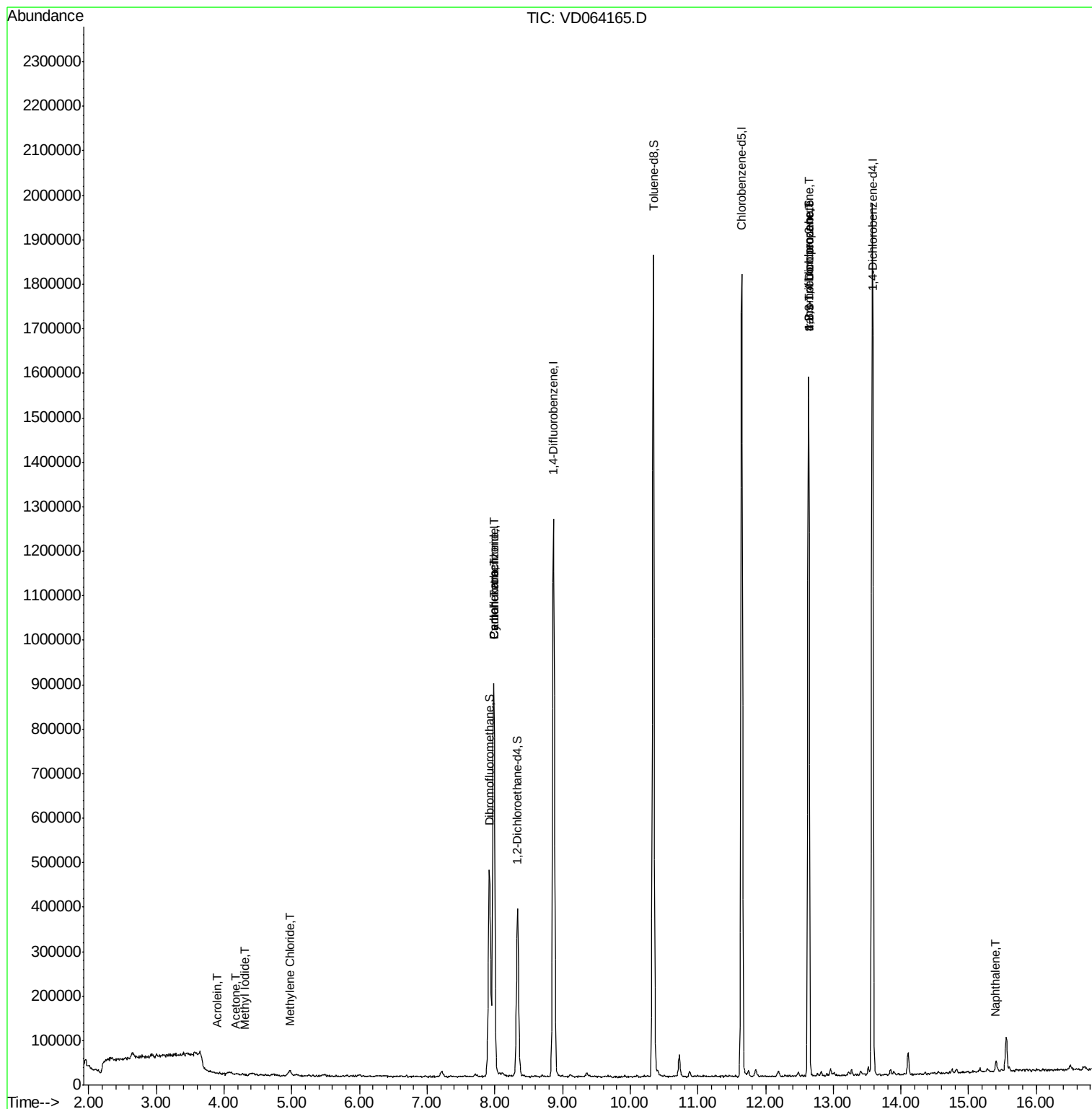
						Qvalue
10) Methyl Iodide	4.30	142	1013	2.168	ug/l #	45
13) Acrolein	3.90	56	656	1.905	ug/l	90
16) Acetone	4.17	43	4746	3.438	ug/l #	76
20) Methylene Chloride	4.97	84	9627	1.381	ug/l	93
31) Cyclohexane	7.98	56	17200	1.504	ug/l #	34
38) Carbon Tetrachloride	7.98	117	64571	6.076	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	253190	59.094	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	253190	117.384	ug/l #	10
95) Naphthalene	15.40	128	19012	1.009	ug/l #	90

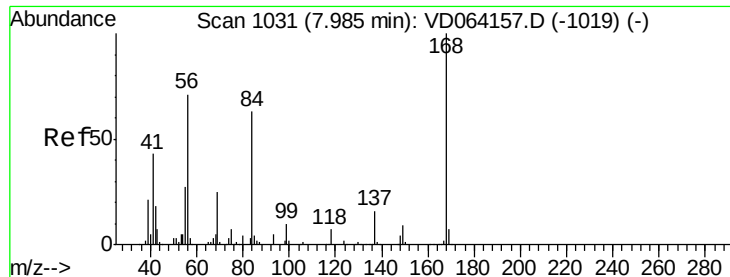
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064165.D

Acq: 08 Nov 2019 20:11

Instrument :

MSVOA_D

ClientSampleId :

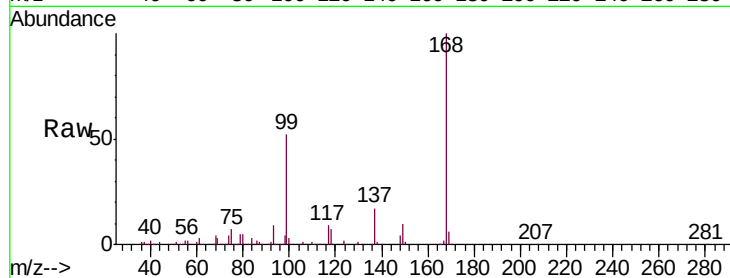
TP-34-D2

Tgt Ion:168 Resp: 708561

Ion Ratio Lower Upper

168 100

99 52.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

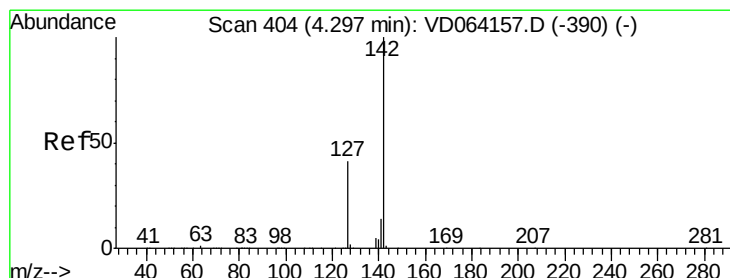
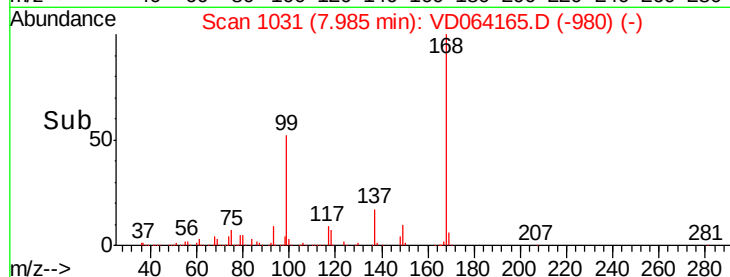
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.168 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD064165.D

Acq: 08 Nov 2019 20:11

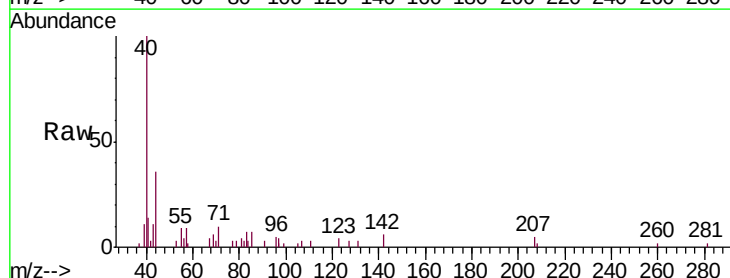
Tgt Ion:142 Resp: 1013

Ion Ratio Lower Upper

142 100

127 0.0 34.4 51.6#

141 6.7 11.2 16.8#



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

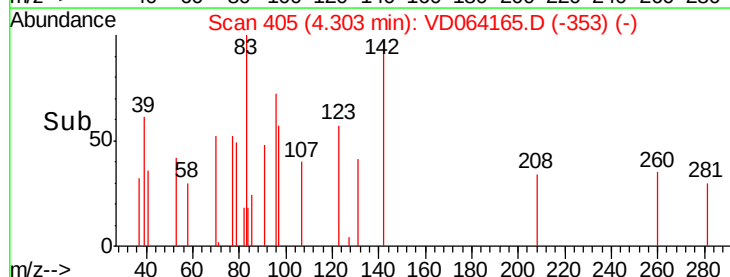
600

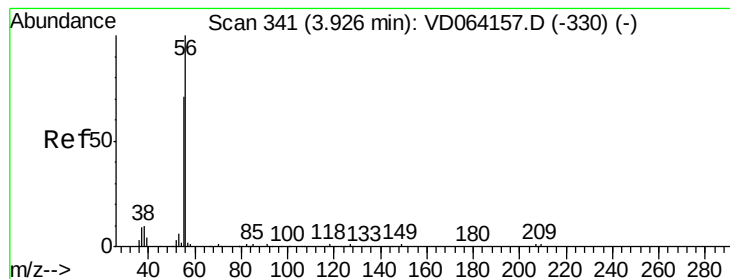
400

200

0

Time-->





#13

Acrolein

Concen: 1.905 ug/l

RT: 3.90 min Scan# 336

Delta R.T. -0.03 min

Lab File: VD064165.D

Acq: 08 Nov 2019 20:11

Instrument :

MSVOA_D

ClientSampleId :

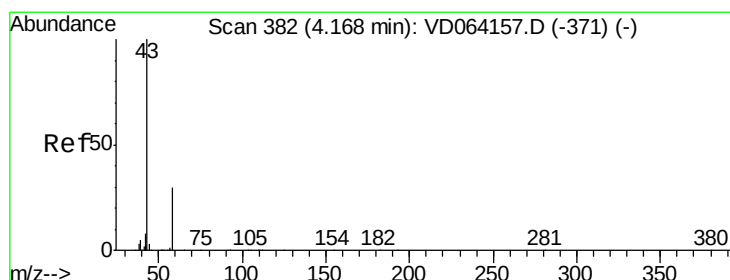
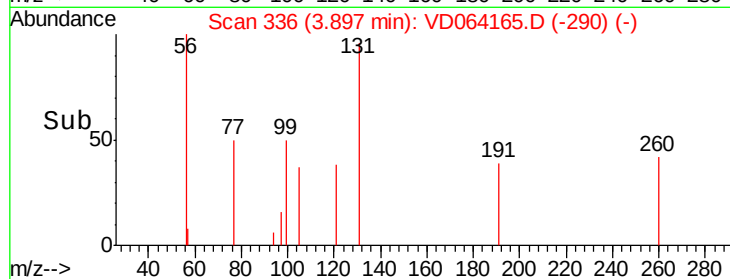
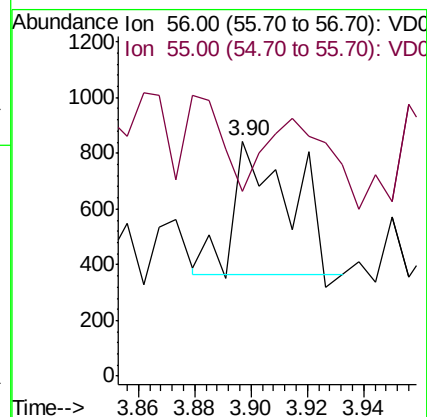
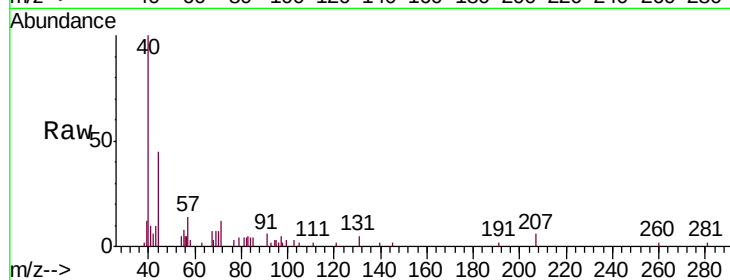
TP-34-D2

Tgt Ion: 56 Resp: 656

Ion Ratio Lower Upper

56 100

55 78.7 56.1 84.1



#16

Acetone

Concen: 3.438 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064165.D

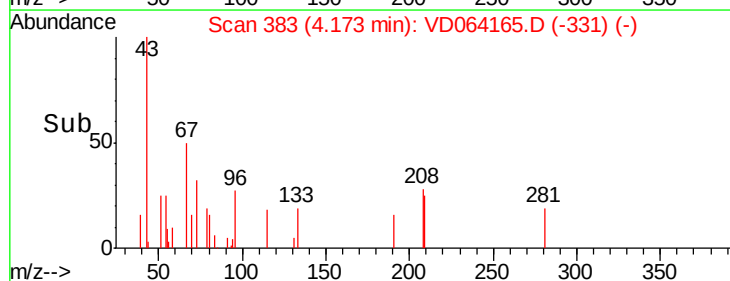
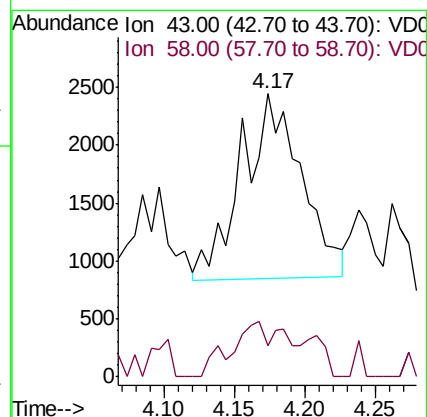
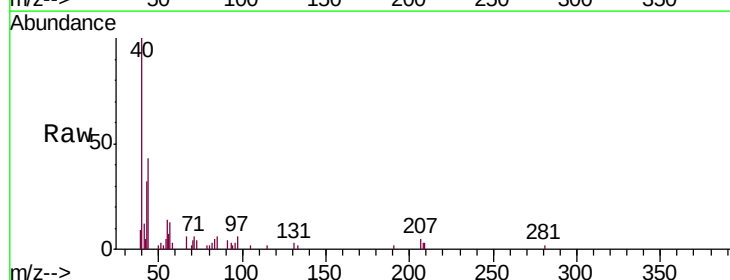
Acq: 08 Nov 2019 20:11

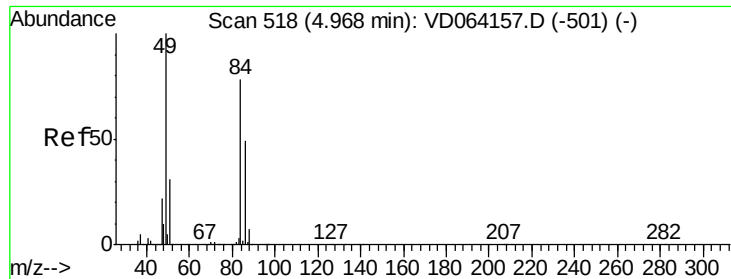
Tgt Ion: 43 Resp: 4746

Ion Ratio Lower Upper

43 100

58 17.2 24.1 36.1#

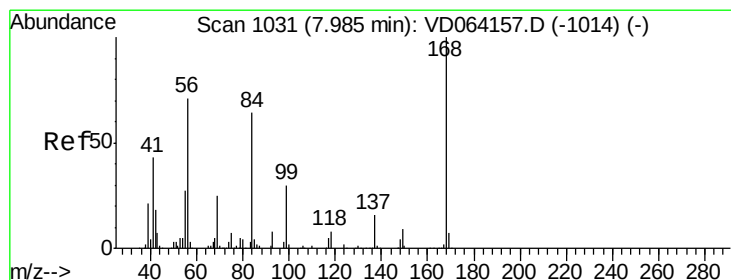
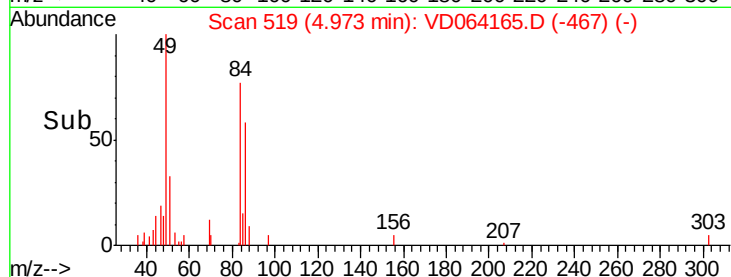
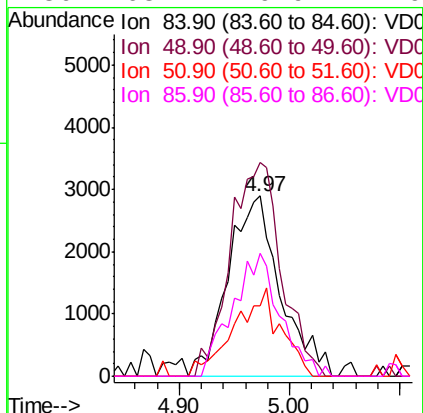
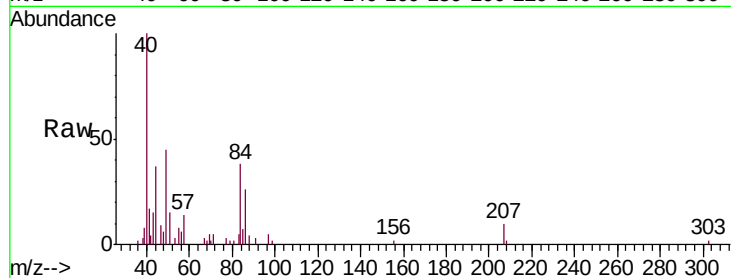




#20
Methylene Chloride
Concen: 1.381 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064165.D
Acq: 08 Nov 2019 20:11

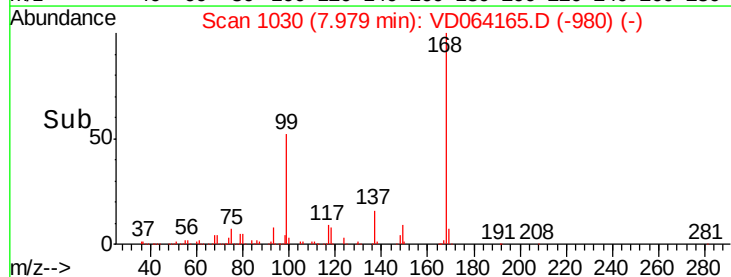
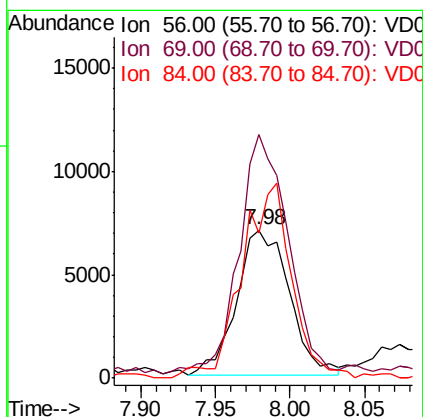
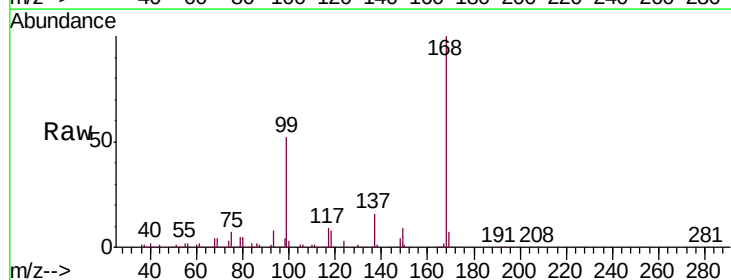
Instrument :
MSVOA_D
ClientSampled :
TP-34-D2

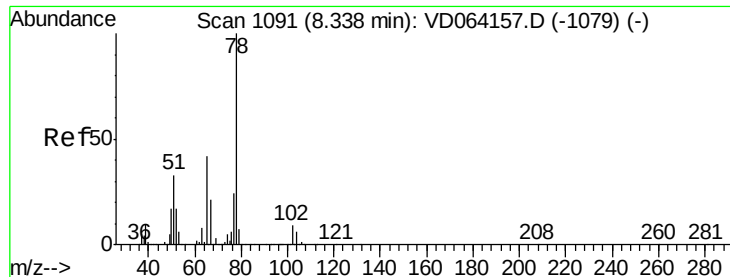
Tgt Ion:	84	Resp:	9627
Ion	Ratio	Lower	Upper
84	100		
49	118.7	102.1	153.1
51	39.2	32.2	48.2
86	68.4	49.9	74.9



#31
Cyclohexane
Concen: 1.504 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064165.D
Acq: 08 Nov 2019 20:11

Tgt Ion:	56	Resp:	17200
Ion	Ratio	Lower	Upper
56	100		
69	163.4	28.2	42.4#
84	95.0	71.8	107.6

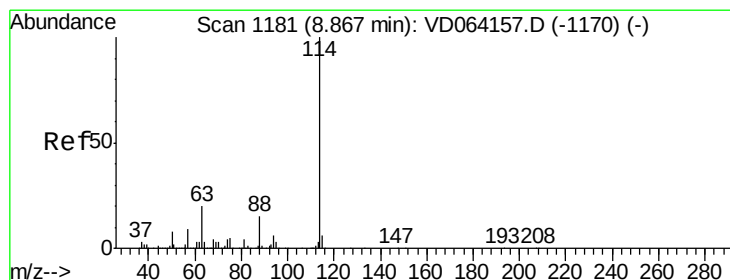
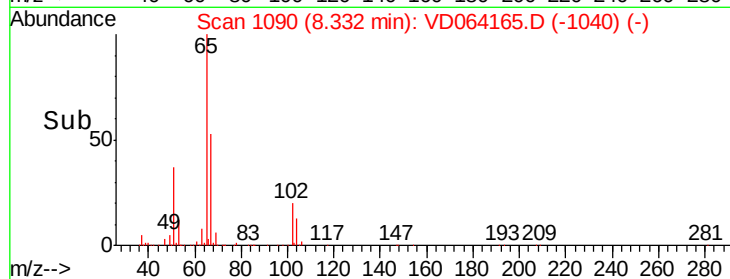
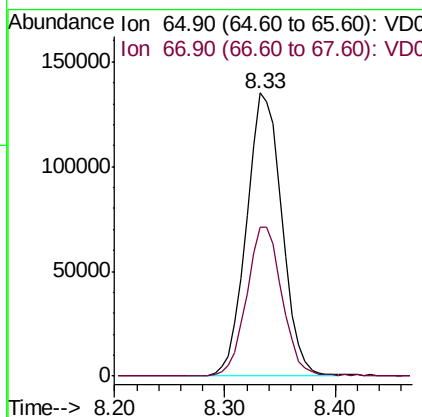
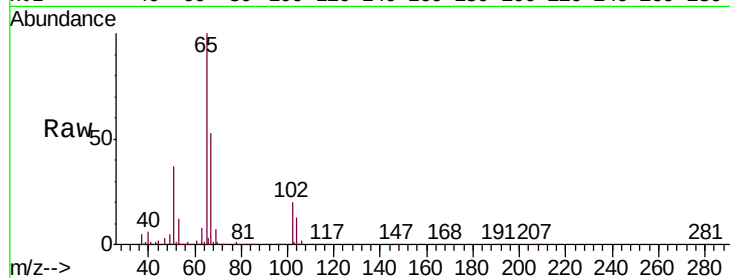




#33
 1,2-Dichloroethane-d4
 Concen: 52.497 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064165.D
 Acq: 08 Nov 2019 20:11

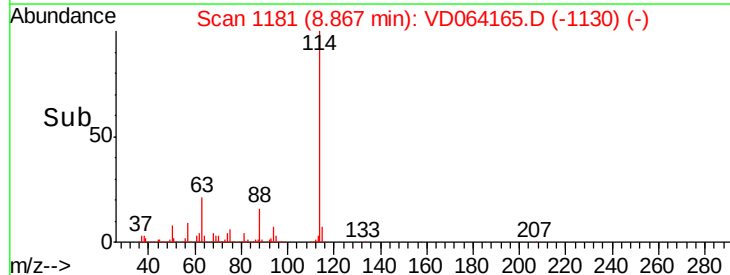
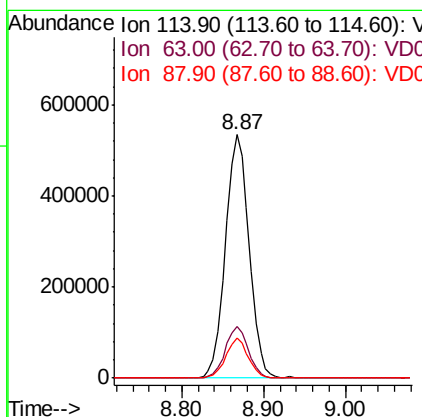
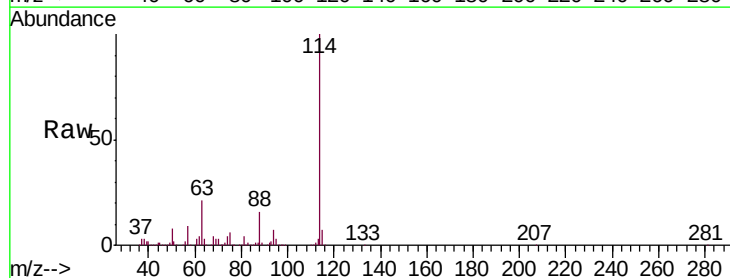
Instrument :
 MSVOA_D
 ClientSampleID :
 TP-34-D2

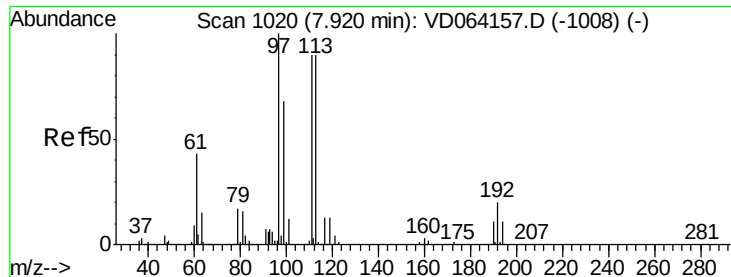
Tgt Ion: 65 Resp: 305929
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064165.D
 Acq: 08 Nov 2019 20:11

Tgt Ion: 114 Resp: 1076172
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.0
 88 16.4 0.0 30.2

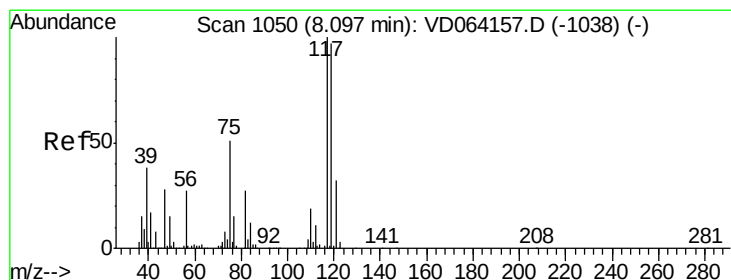
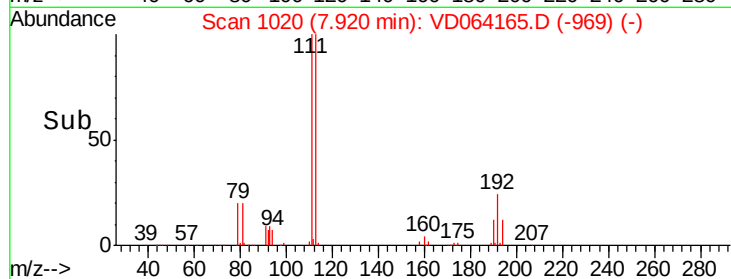
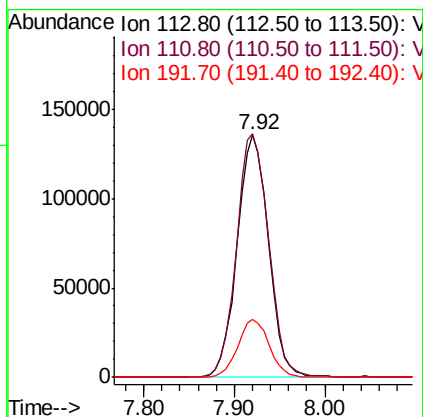
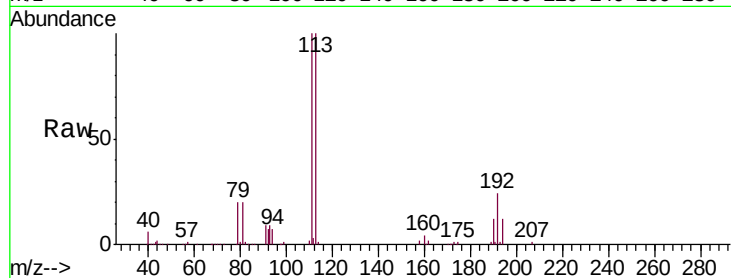




#35
 Dibromofluoromethane
 Concen: 52.743 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064165.D
 Acq: 08 Nov 2019 20:11

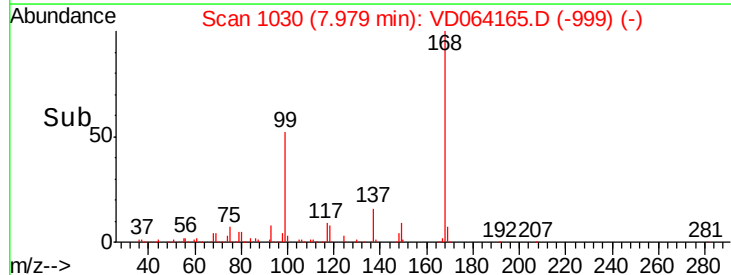
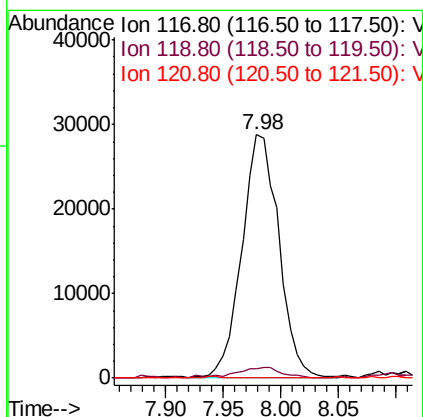
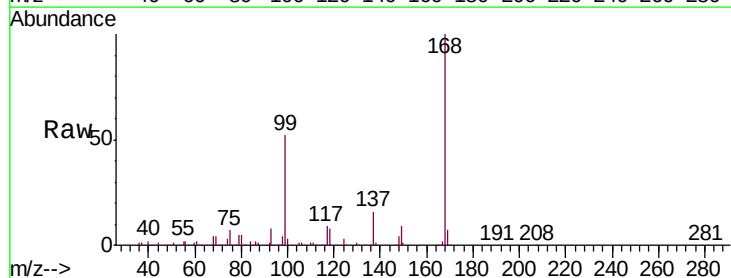
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-34-D2

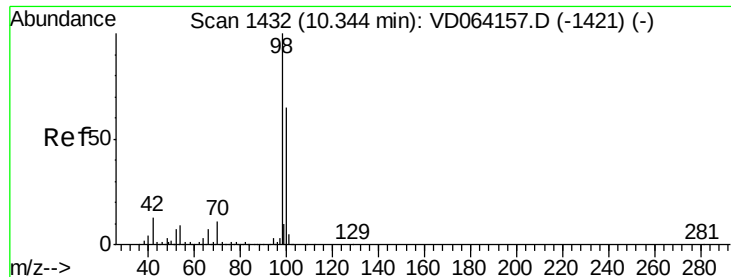
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	23.8	18.8	28.2



#38
 Carbon Tetrachloride
 Concen: 6.076 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064165.D
 Acq: 08 Nov 2019 20:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.7	77.2	115.8#
121	0.0	25.5	38.3#

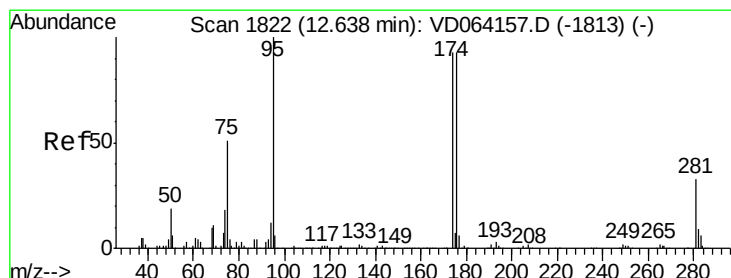
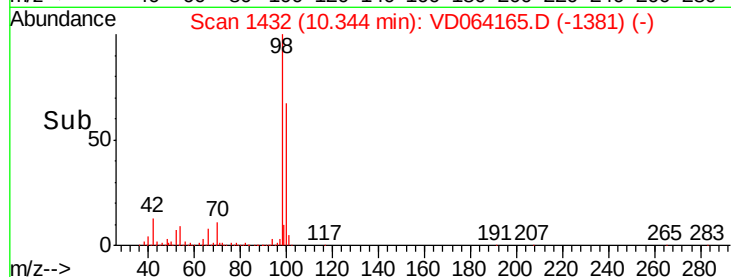
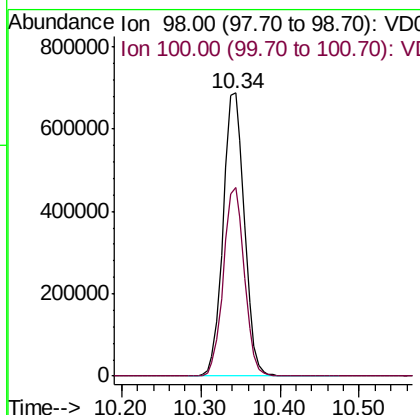
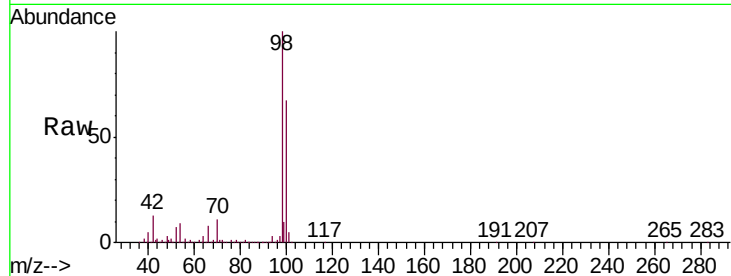




#50
Toluene-d8
Concen: 54.830 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064165.D
Acq: 08 Nov 2019 20:11

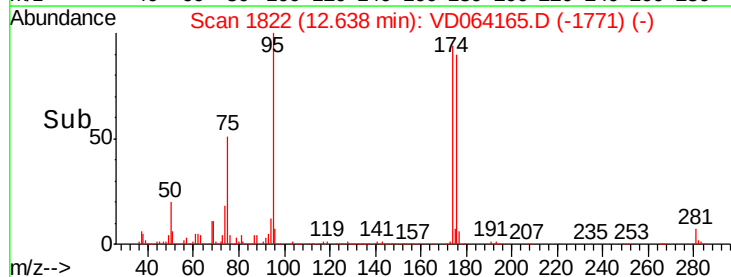
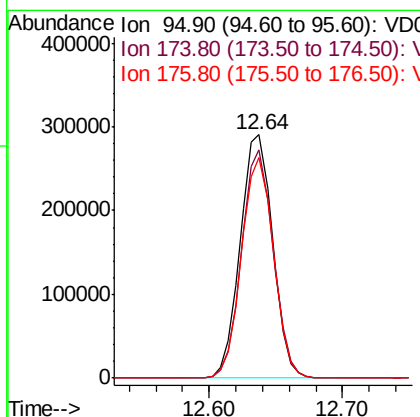
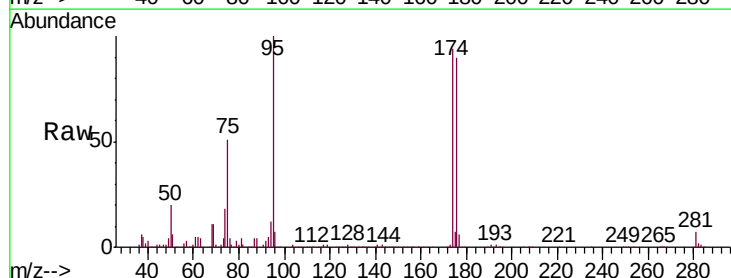
Instrument :
MSVOA_D
ClientSampleId :
TP-34-D2

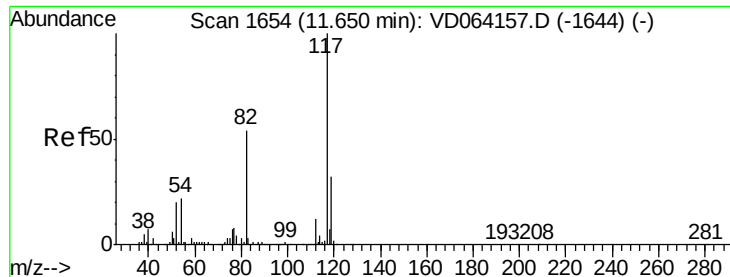
Tgt Ion: 98 Resp: 1277740
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 60.613 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064165.D
Acq: 08 Nov 2019 20:11

Tgt Ion: 95 Resp: 489159
Ion Ratio Lower Upper
95 100
174 91.1 0.0 183.6
176 88.9 0.0 180.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064165.D

Acq: 08 Nov 2019 20:11

Instrument :

MSVOA_D

ClientSampleId :

TP-34-D2

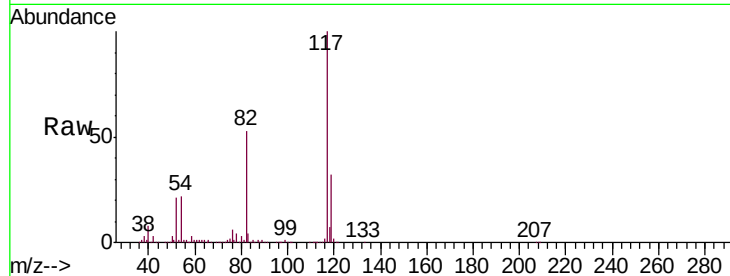
Tgt Ion:117 Resp: 1038487

Ion Ratio Lower Upper

117 100

82 53.0 42.8 64.2

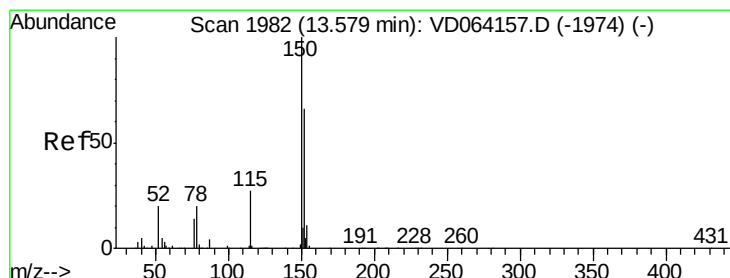
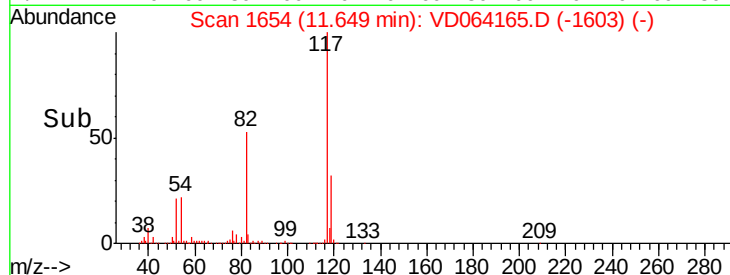
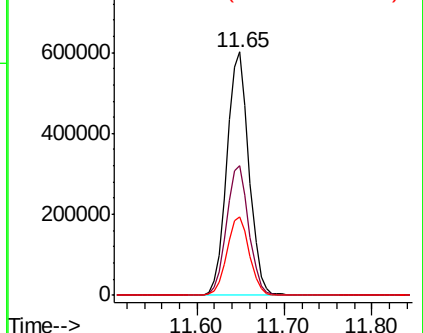
119 32.0 25.6 38.4



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: VD064165.D

Acq: 08 Nov 2019 20:11

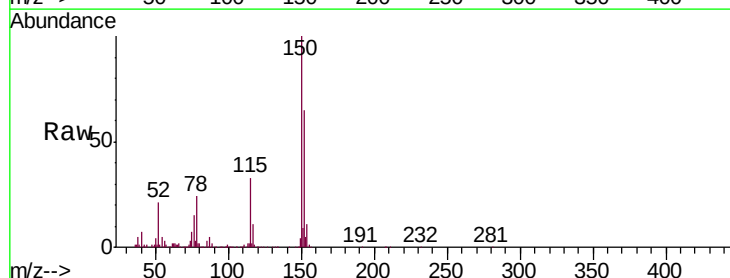
Tgt Ion:152 Resp: 531930

Ion Ratio Lower Upper

152 100

115 54.5 27.4 82.2

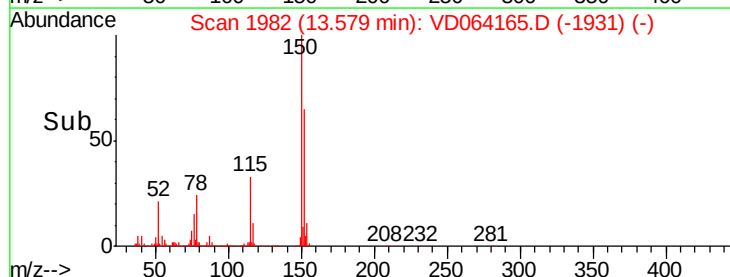
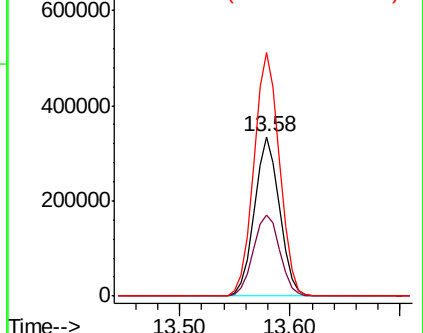
150 156.2 0.0 351.6

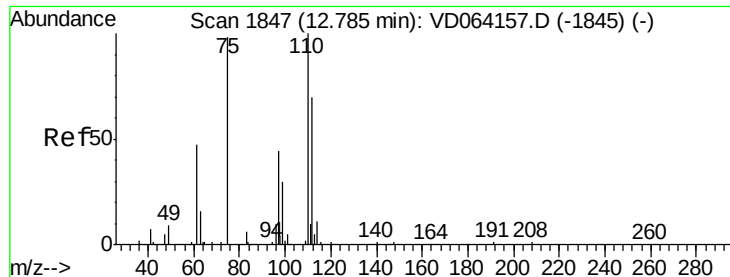


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

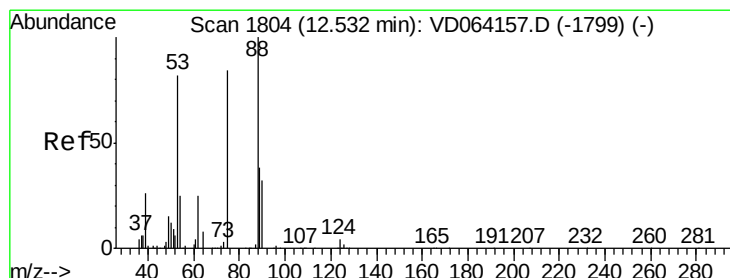
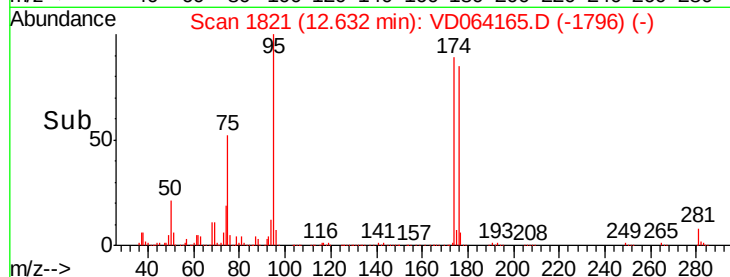
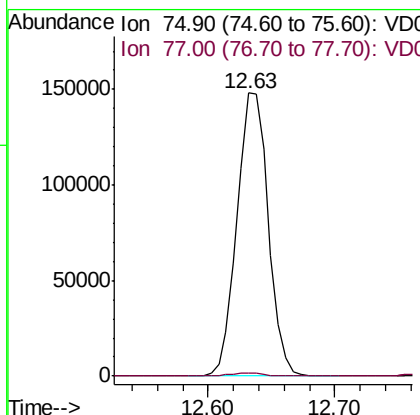
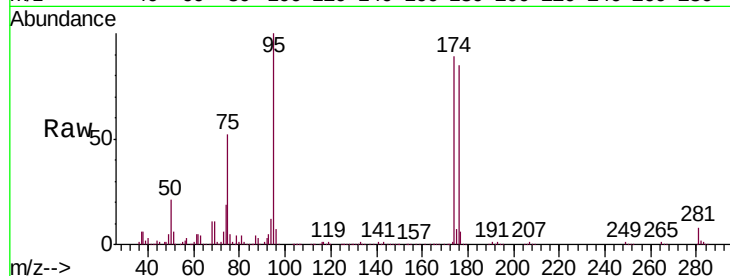




#76
 1,2,3-Trichloropropane
 Concen: 59.094 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD064165.D
 Acq: 08 Nov 2019 20:11

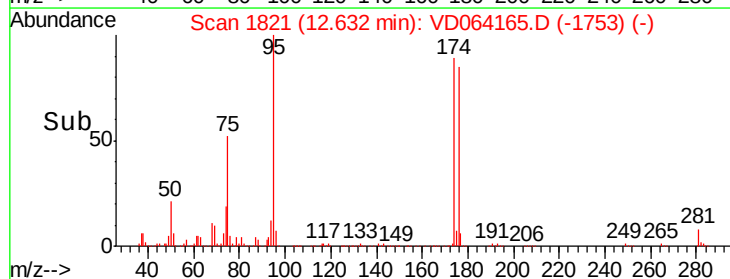
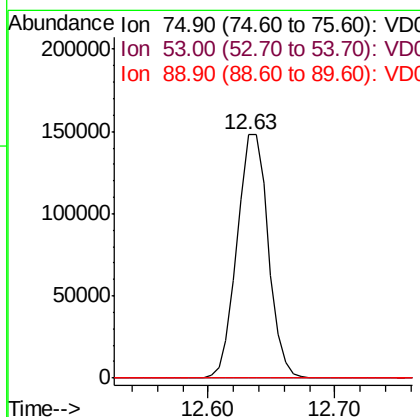
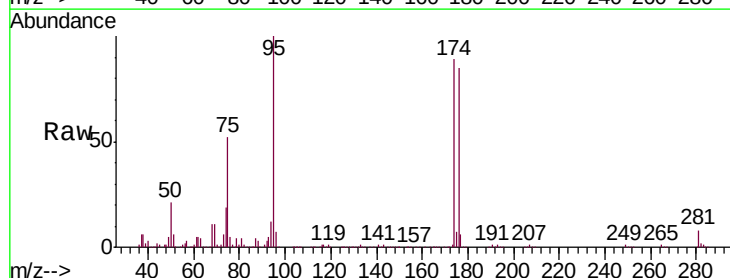
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-34-D2

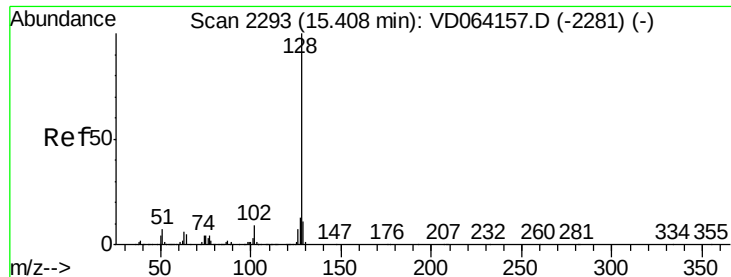
Tgt Ion: 75 Resp: 253190
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.384 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD064165.D
 Acq: 08 Nov 2019 20:11

Tgt Ion: 75 Resp: 253190
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.4 119.0#
 89 0.0 36.6 55.0#





#95

Naphthalene

Concen: 1.009 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD064165.D

Acq: 08 Nov 2019 20:11

Instrument :

MSVOA_D

ClientSampleId :

TP-34-D2

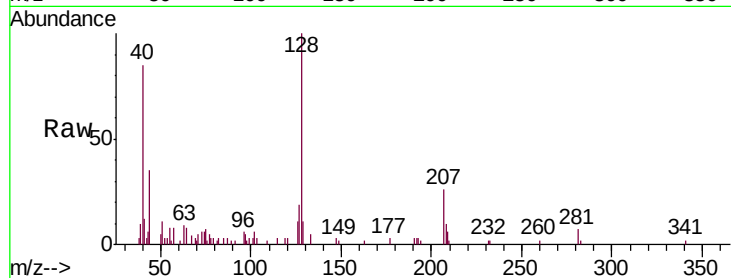
Tgt Ion:128 Resp: 19012

Ion Ratio Lower Upper

128 100

127 20.1 10.5 15.7#

129 10.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

