

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
 Data File : VW012274.D
 Acq On : 29 Aug 2019 01:36
 Operator : SY/VA
 Sample : K4543-10
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-S2

Quant Time: Aug 29 06:52:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	449839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	373011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135636	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	169398	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
35) Dibromofluoromethane	7.88	113	134586	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
50) Toluene-d8	10.32	98	554730	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.62	95	167604	43.67	ug/l	0.00
Spiked Amount			Recovery	=	87.34%	

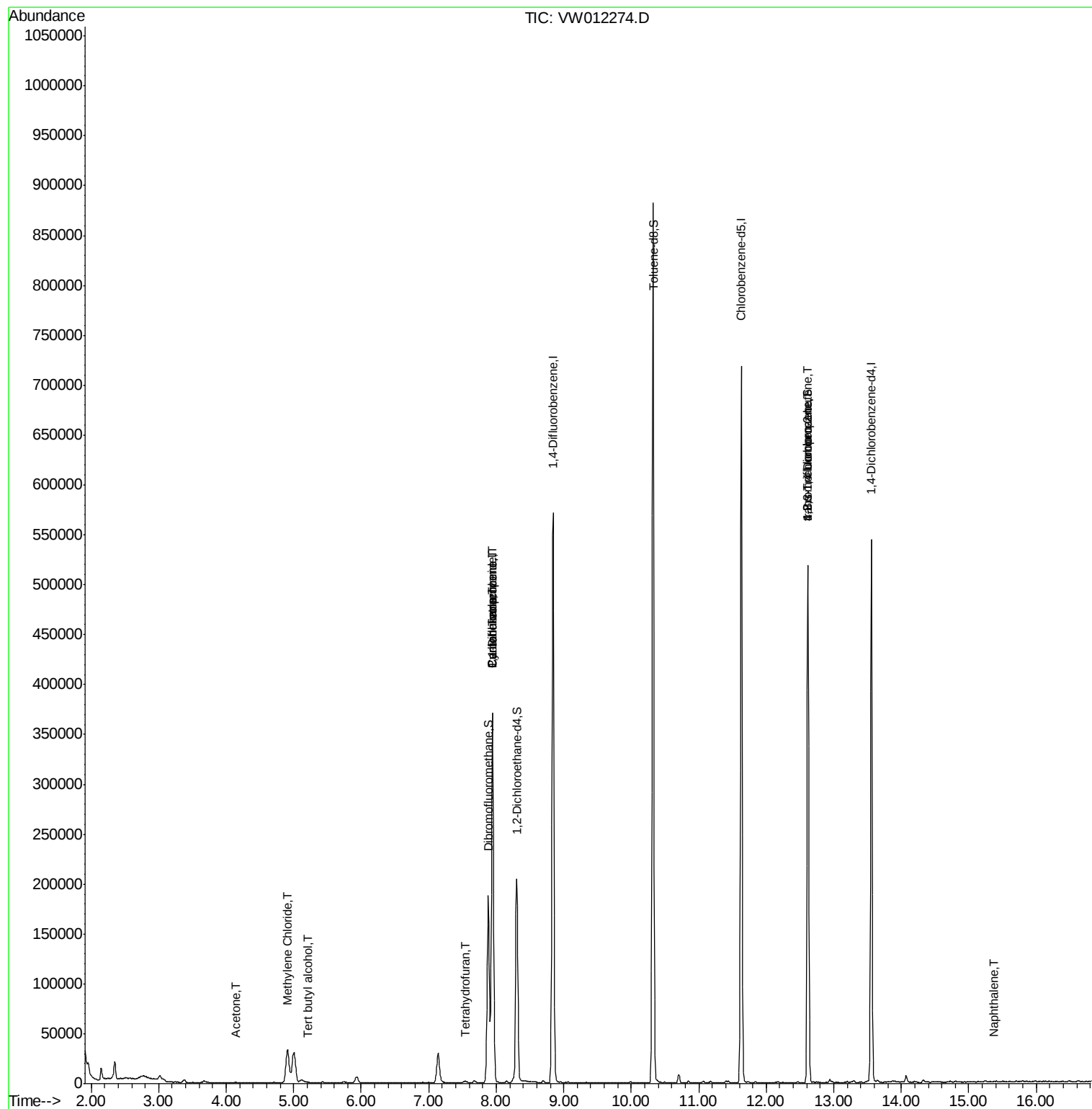
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	247	1.270	ug/l #	66
16) Acetone	4.15	43	1583	1.916	ug/l #	86
20) Methylene Chloride	4.91	84	23608	7.557	ug/l	91
29) Tetrahydrofuran	7.54	42	1518	2.253	ug/l	91
31) Cyclohexane	7.94	56	6774	1.163	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	22896	4.925	ug/l #	52
38) Carbon Tetrachloride	7.95	117	27205	6.762	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	90044	68.164	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	90044	149.451	ug/l #	6
95) Naphthalene	15.37	128	407	4.394	ug/l #	81

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

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012274.D

Acq: 29 Aug 2019 01:36

Instrument :

MSVOA_W

ClientSampled :

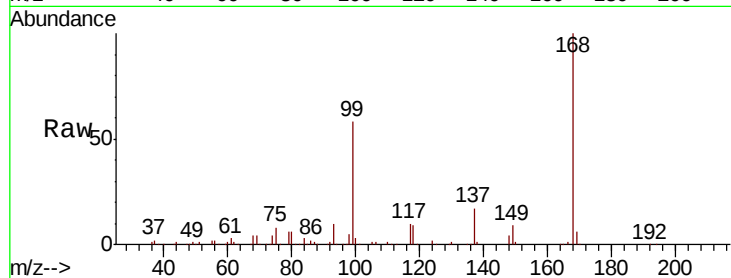
TP-3-S2

Tgt Ion:168 Resp: 271941

Ion Ratio Lower Upper

168 100

99 58.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

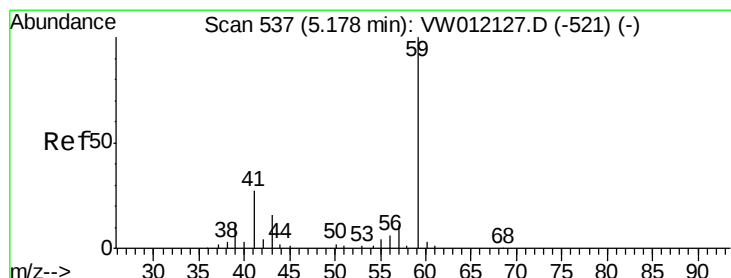
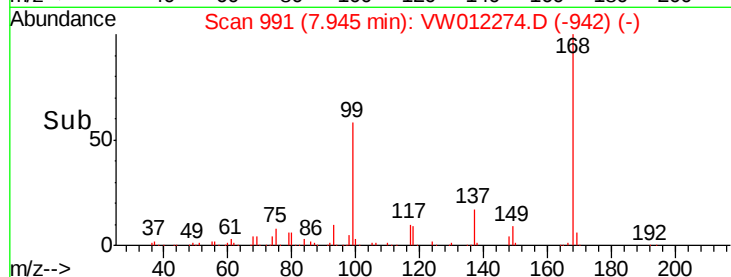
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 1.270 ug/l

RT: 5.20 min Scan# 541

Delta R.T. 0.02 min

Lab File: VW012274.D

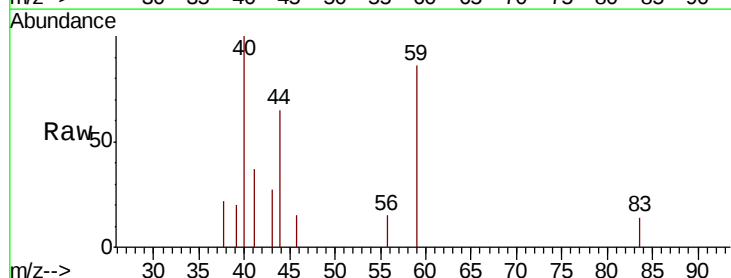
Acq: 29 Aug 2019 01:36

Tgt Ion: 59 Resp: 247

Ion Ratio Lower Upper

59 100

57 24.3 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

400

300

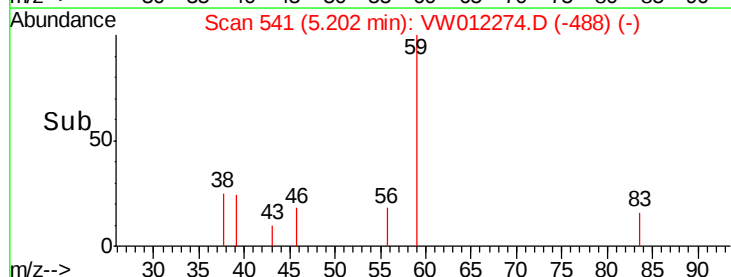
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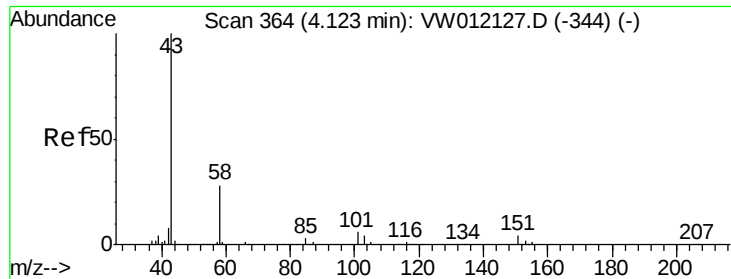
100

0

5.18 5.20 5.22 5.24

Time-->

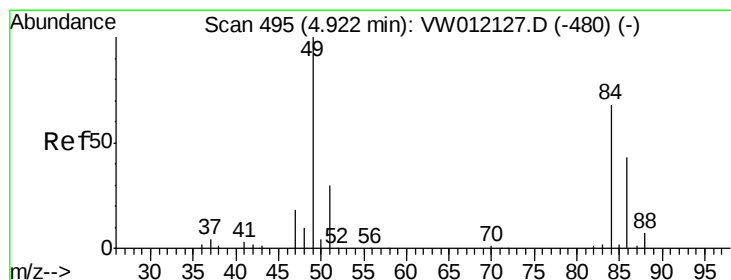
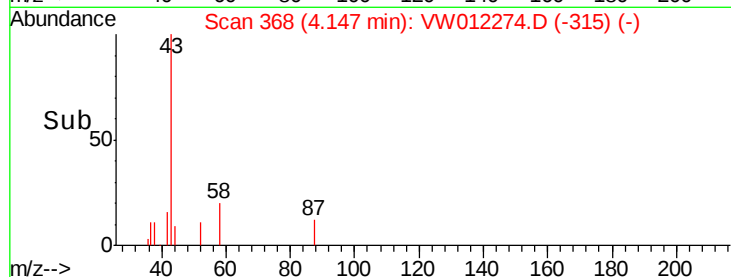
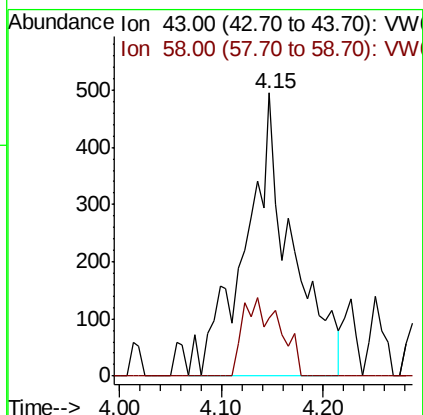
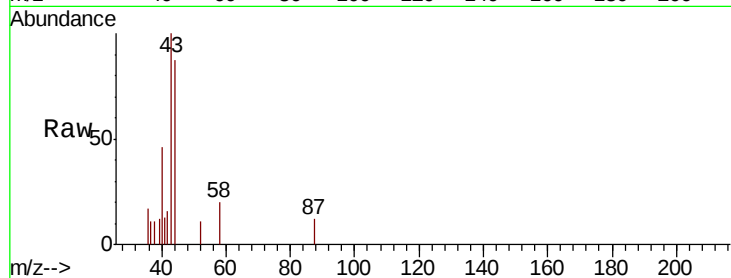




#16
Acetone
Concen: 1.916 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW012274.D
Acq: 29 Aug 2019 01:36

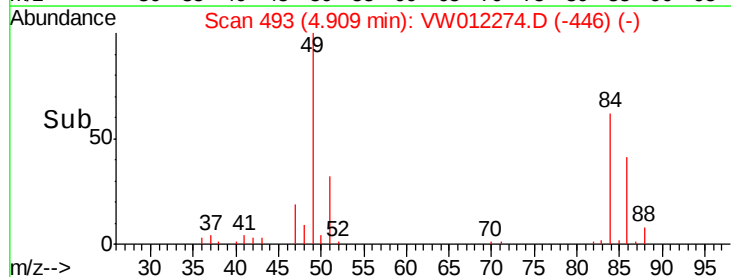
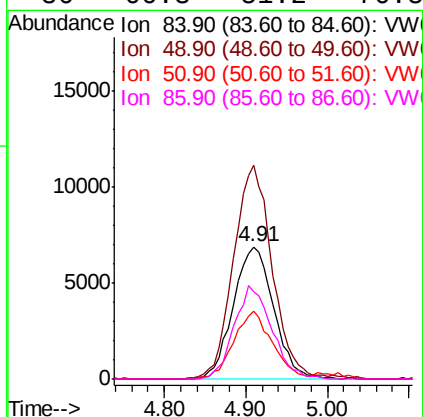
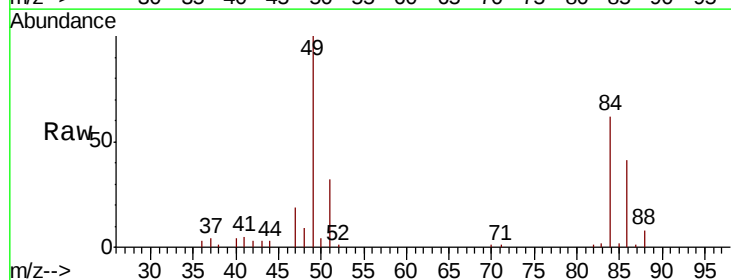
Instrument :
MSVOA_W
ClientSampleId :
TP-3-S2

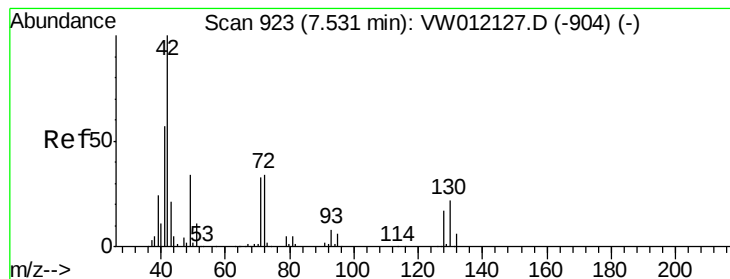
Tgt Ion: 43 Resp: 1583
Ion Ratio Lower Upper
43 100
58 20.4 22.4 33.6#



#20
Methylene Chloride
Concen: 7.557 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012274.D
Acq: 29 Aug 2019 01:36

Tgt Ion: 84 Resp: 23608
Ion Ratio Lower Upper
84 100
49 160.9 117.8 176.8
51 51.2 35.6 53.4
86 66.3 51.2 76.8





#29

Tetrahydrofuran

Concen: 2.253 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012274.D

Acq: 29 Aug 2019 01:36

Instrument :

MSVOA_W

ClientSampleId :

TP-3-S2

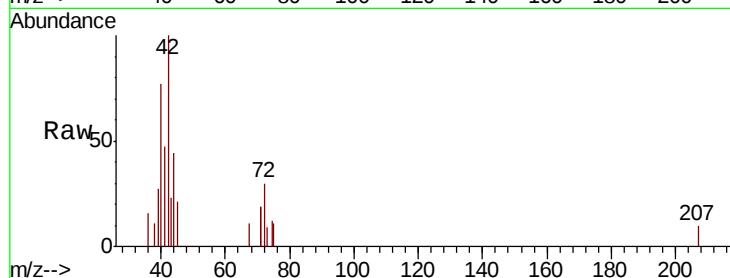
Tgt Ion: 42 Resp: 1518

Ion Ratio Lower Upper

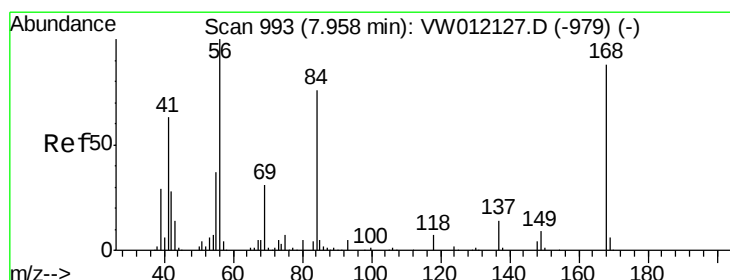
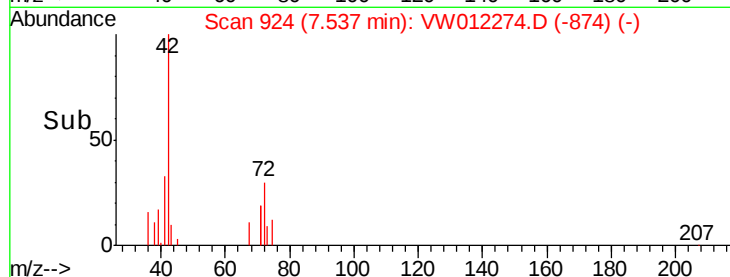
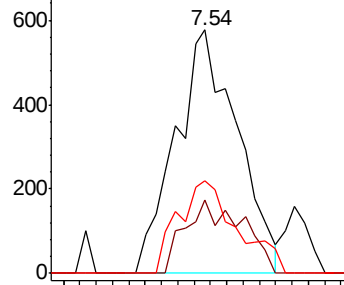
42 100

72 28.0 27.3 40.9

71 36.2 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.163 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012274.D

Acq: 29 Aug 2019 01:36

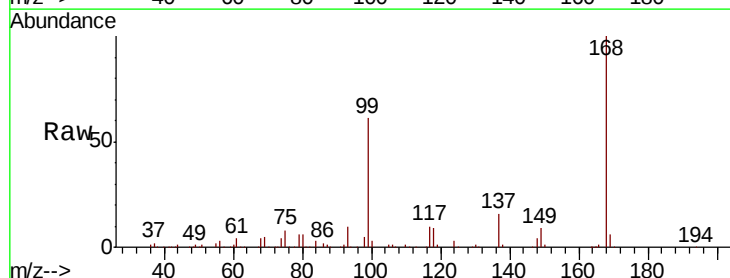
Tgt Ion: 56 Resp: 6774

Ion Ratio Lower Upper

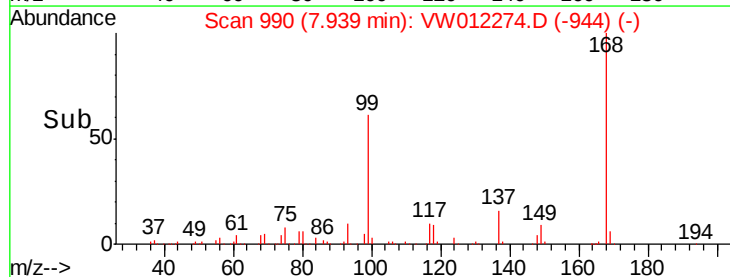
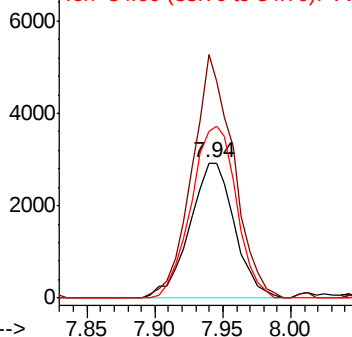
56 100

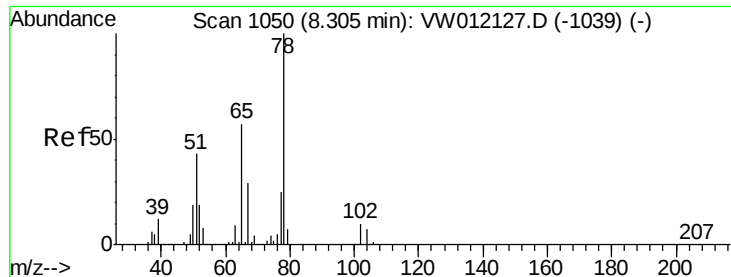
69 179.8 24.9 37.3#

84 122.9 60.6 90.8#



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

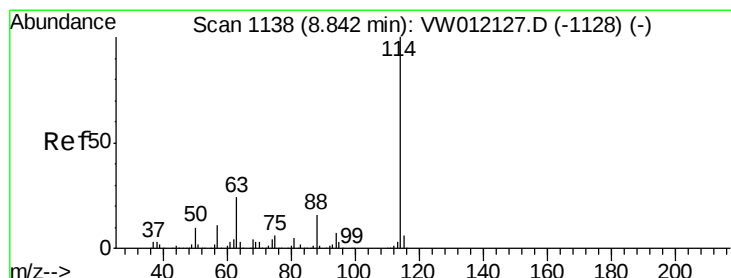
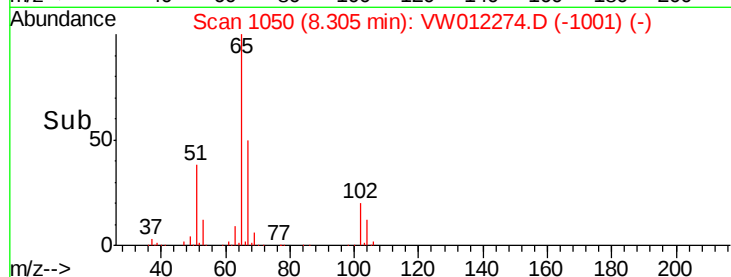
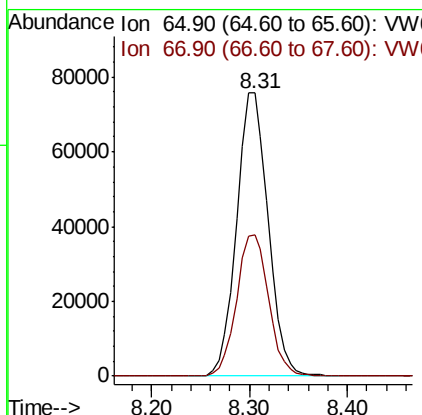
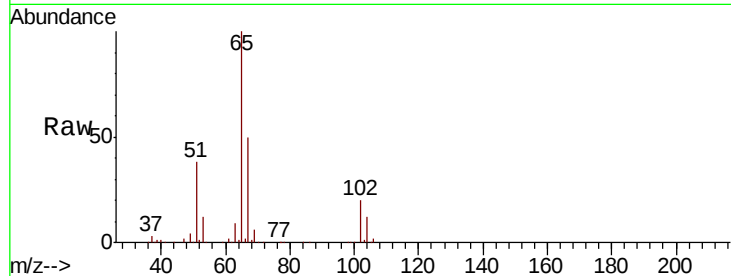




#33
 1,2-Dichloroethane-d4
 Concen: 52.401 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012274.D
 Acq: 29 Aug 2019 01:36

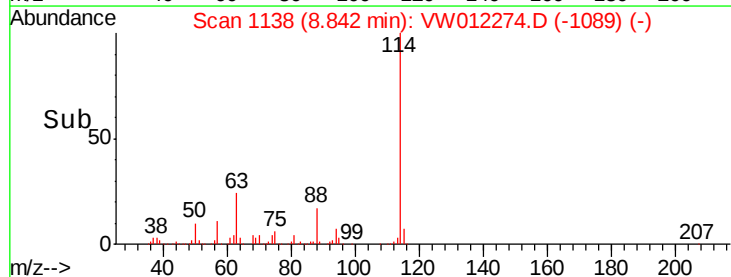
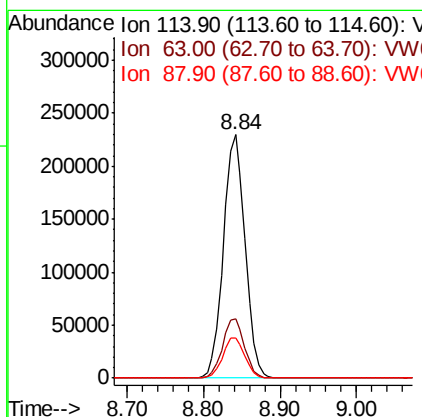
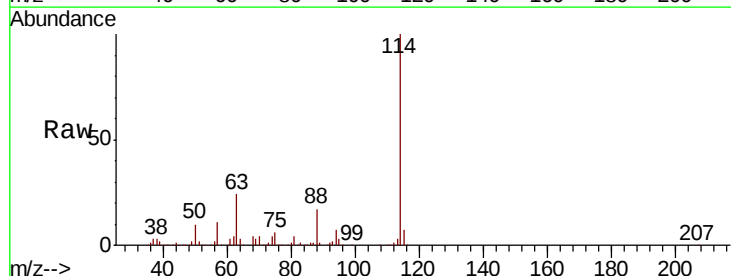
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-S2

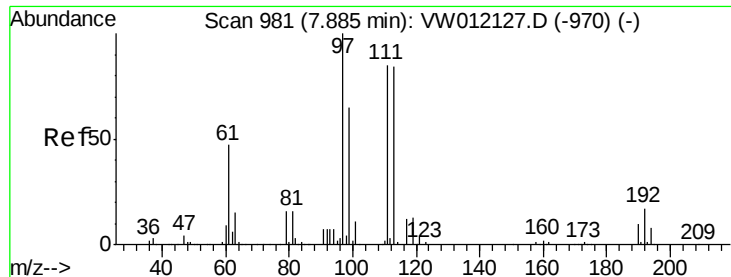
Tgt Ion: 65 Resp: 169398
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012274.D
 Acq: 29 Aug 2019 01:36

Tgt Ion: 114 Resp: 449839
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.6
 88 16.5 0.0 32.2

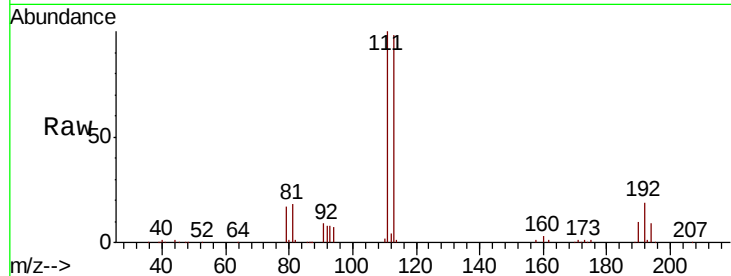




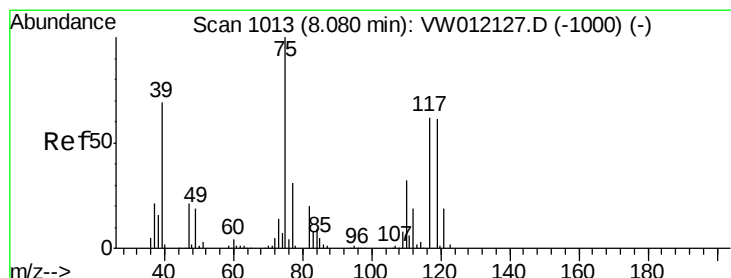
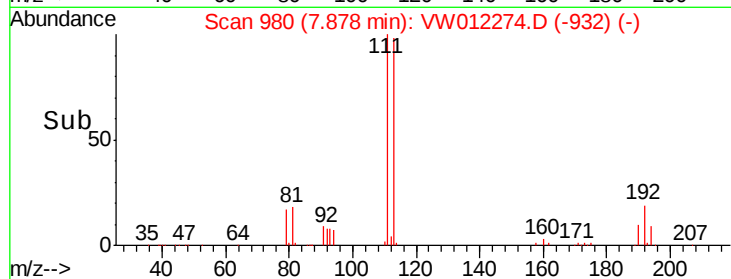
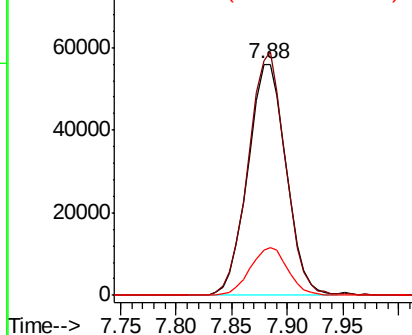
#35
 Dibromofluoromethane
 Concen: 50.123 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012274.D
 Acq: 29 Aug 2019 01:36

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-S2

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	20.2	16.2	24.2

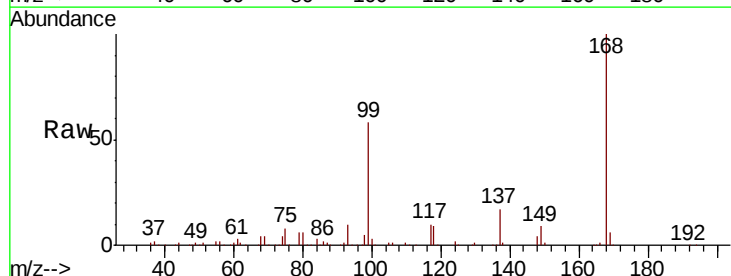


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

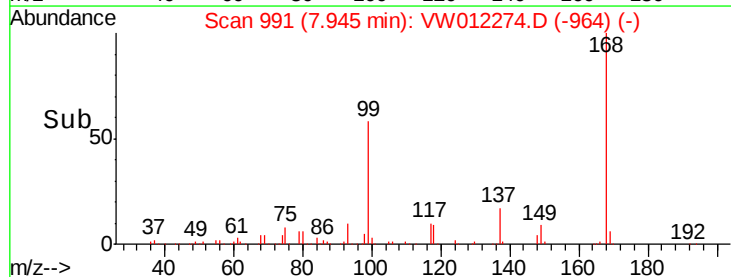
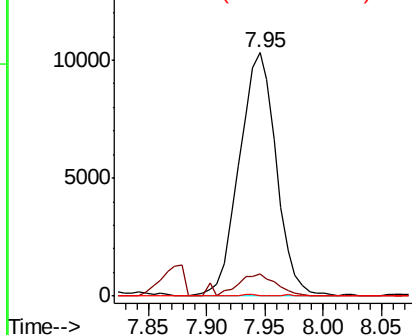


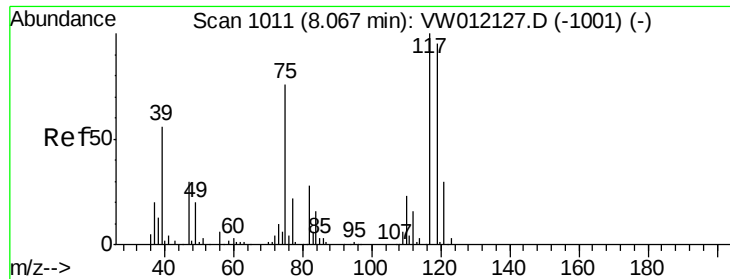
#36
 1,1-Dichloropropene
 Concen: 4.925 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012274.D
 Acq: 29 Aug 2019 01:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	15.6	46.8#
77	0.2	24.6	36.8#



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

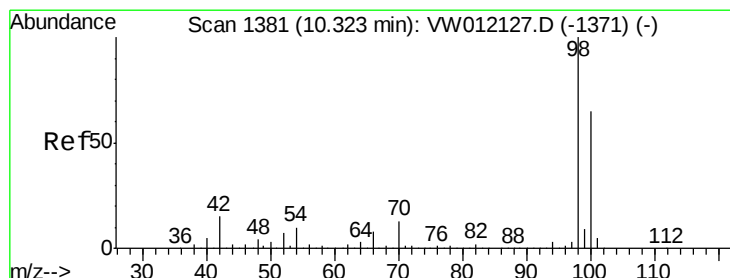
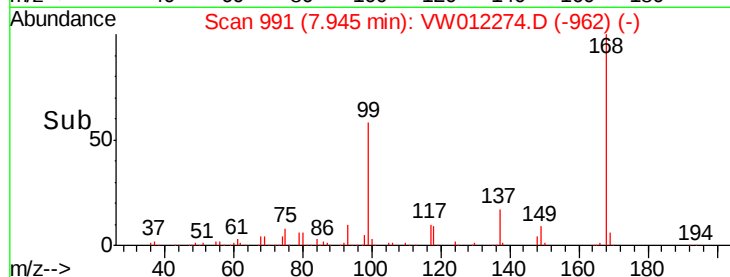
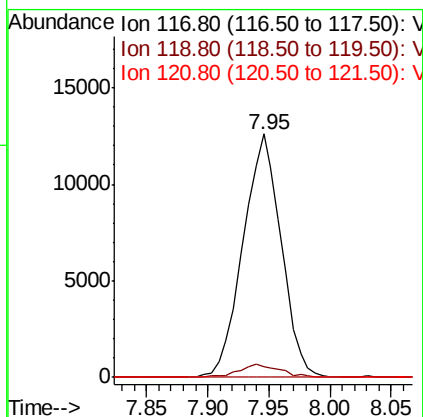
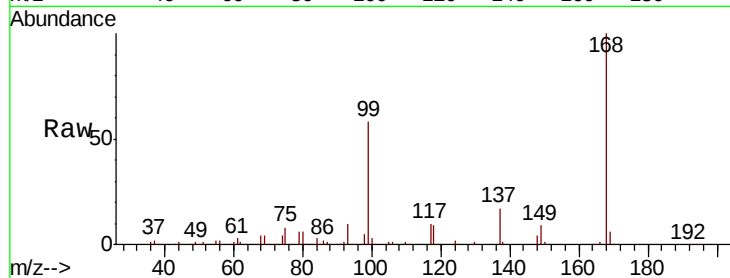




#38
Carbon Tetrachloride
Concen: 6.762 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012274.D
Acq: 29 Aug 2019 01:36

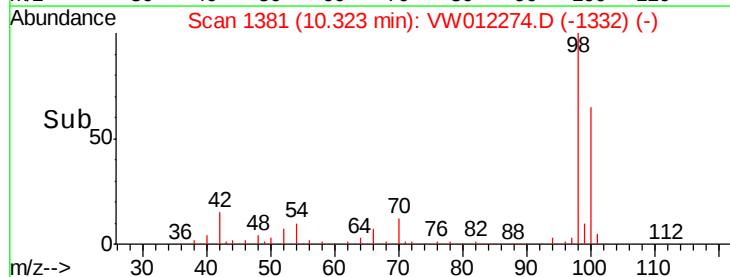
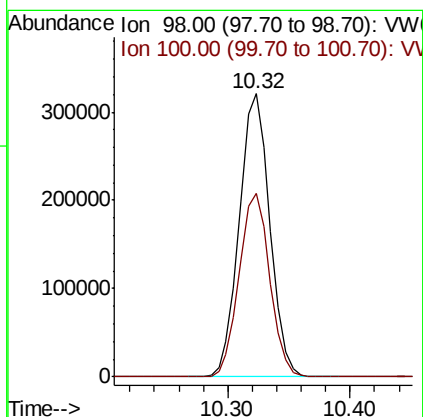
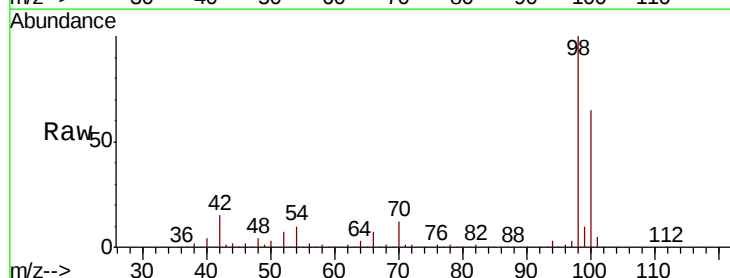
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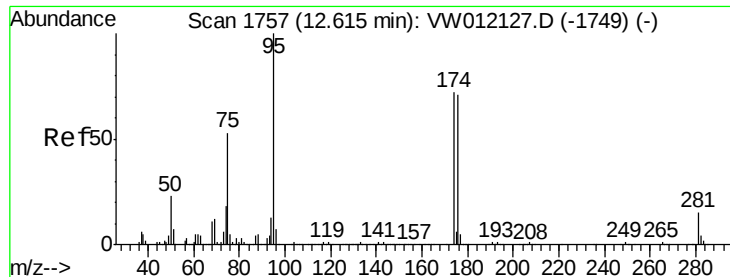
Tgt Ion:117 Resp: 27205
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 50.952 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012274.D
Acq: 29 Aug 2019 01:36

Tgt Ion: 98 Resp: 554730
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

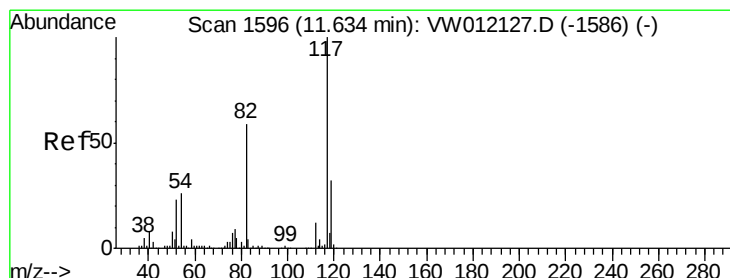
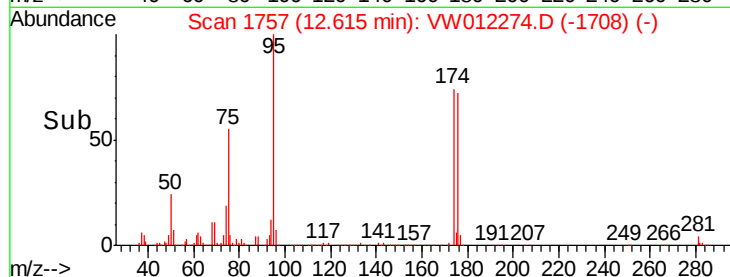
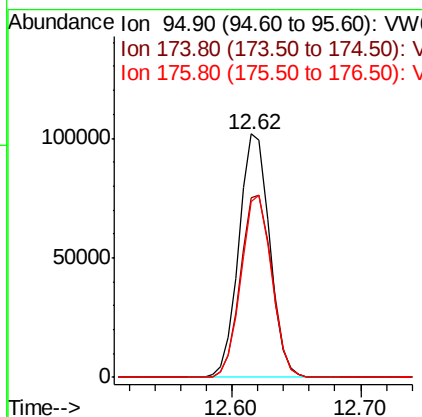
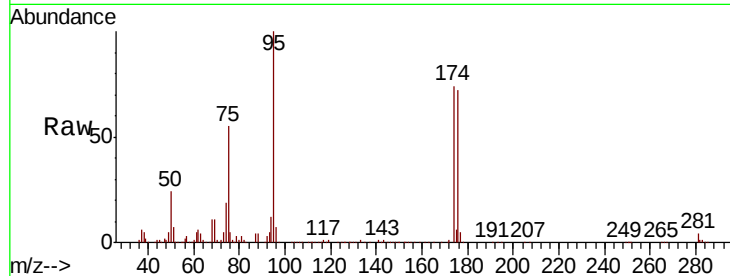




#62
4-Bromofluorobenzene
Concen: 43.672 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012274.D
Acq: 29 Aug 2019 01:36

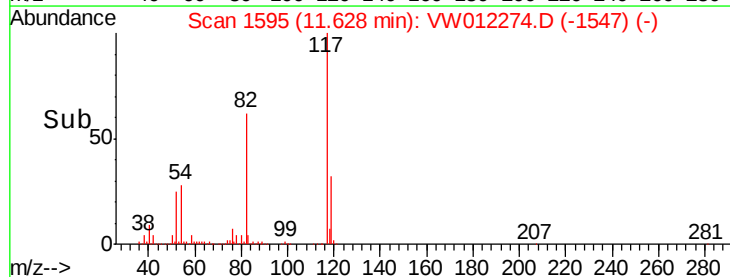
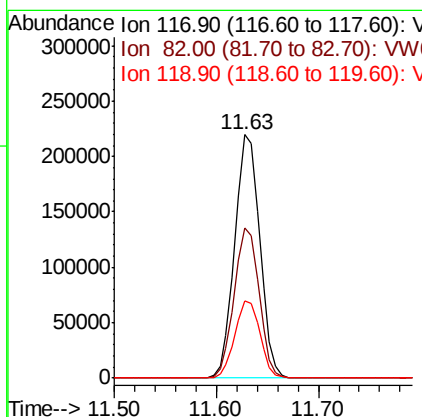
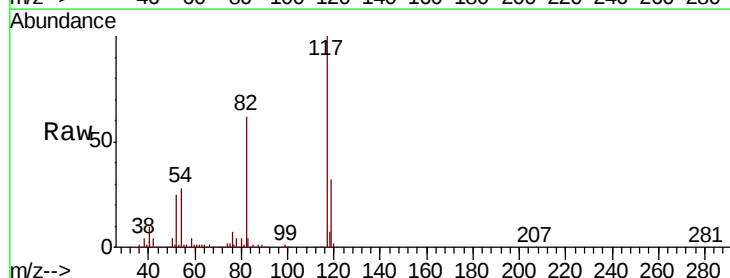
Instrument :
MSVOA_W
ClientSampleId :
TP-3-S2

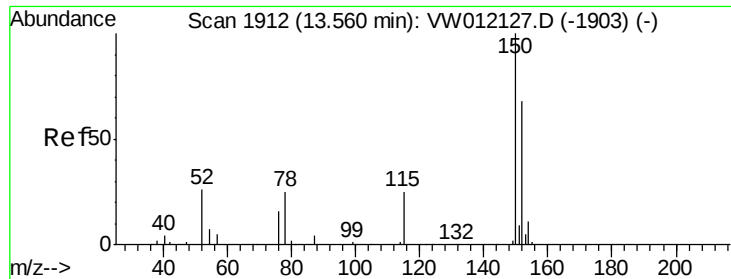
Tgt Ion: 95 Resp: 167604
Ion Ratio Lower Upper
95 100
174 76.8 0.0 150.8
176 74.5 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012274.D
Acq: 29 Aug 2019 01:36

Tgt Ion: 117 Resp: 373011
Ion Ratio Lower Upper
117 100
82 61.9 47.4 71.2
119 31.6 25.4 38.2



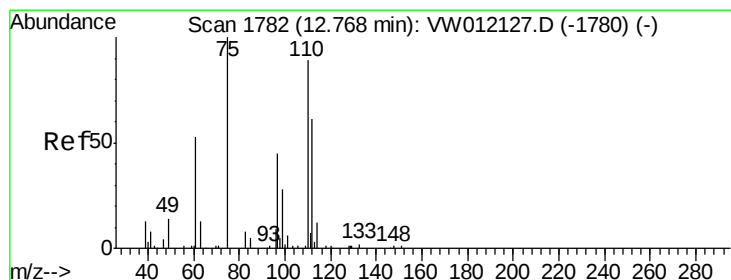
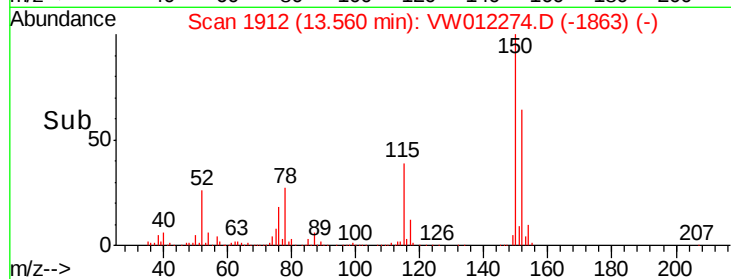
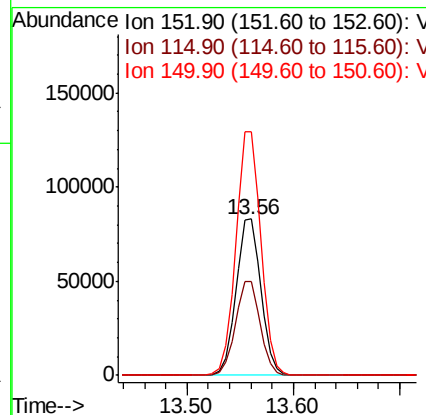
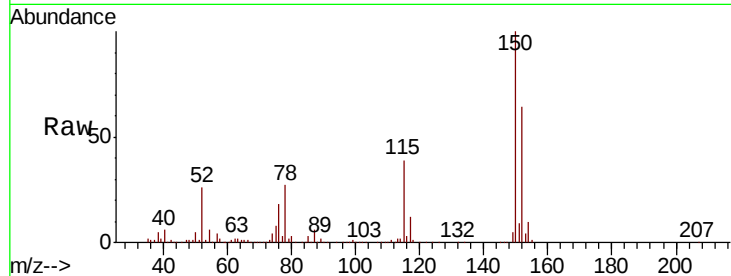


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012274.D
Acq: 29 Aug 2019 01:36

Instrument :
MSVOA_W
ClientSampleId :
TP-3-S2

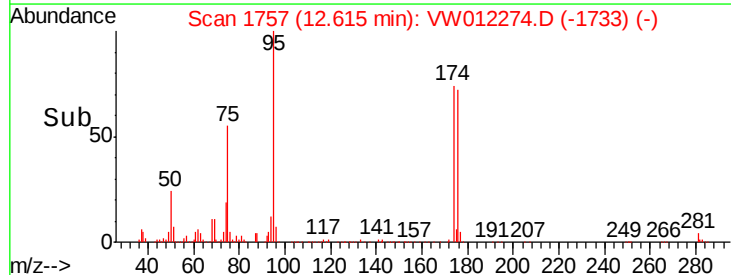
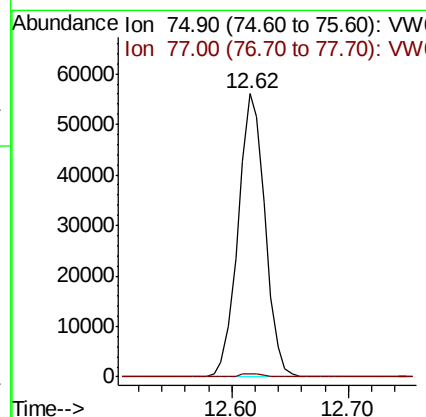
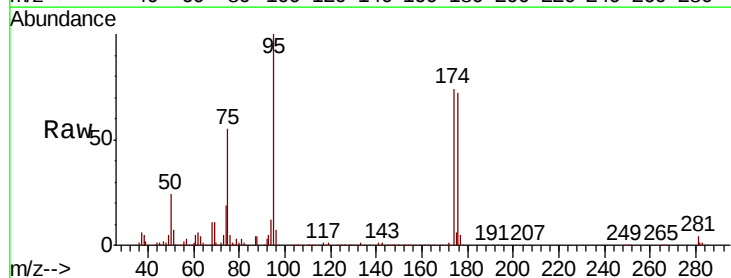
Tgt Ion:152 Resp: 135636
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 157.2 0.0 345.8

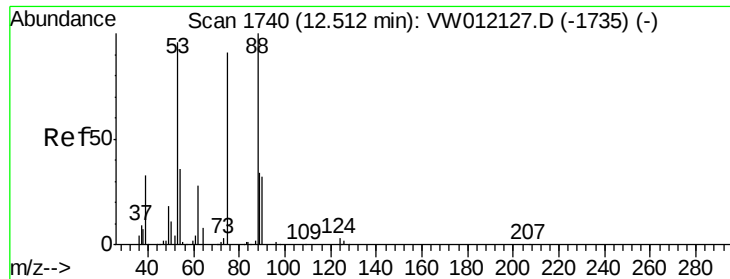


#76

1,2,3-Trichloropropane
Concen: 68.164 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012274.D
Acq: 29 Aug 2019 01:36

Tgt Ion: 75 Resp: 90044
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

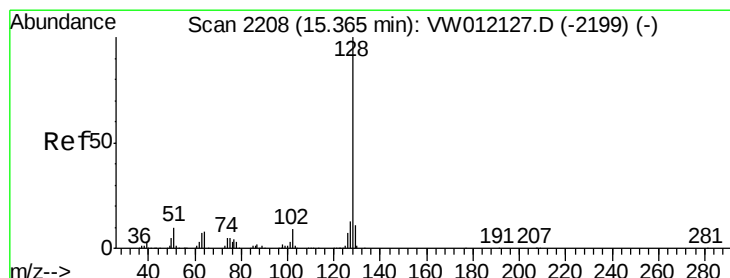
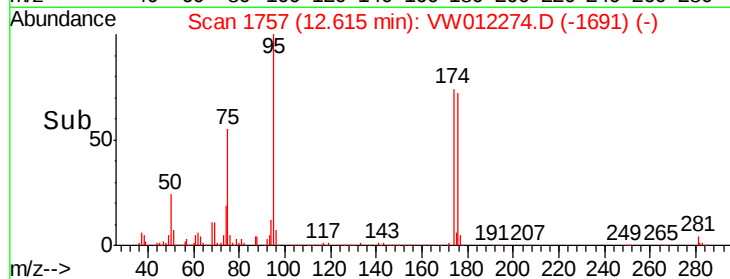
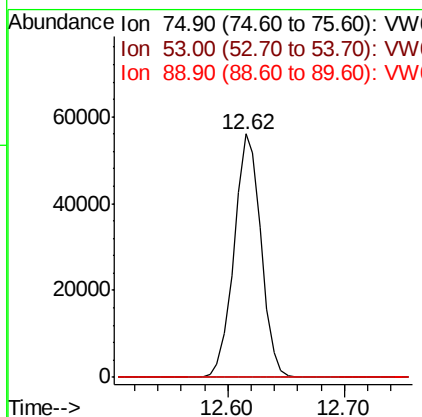
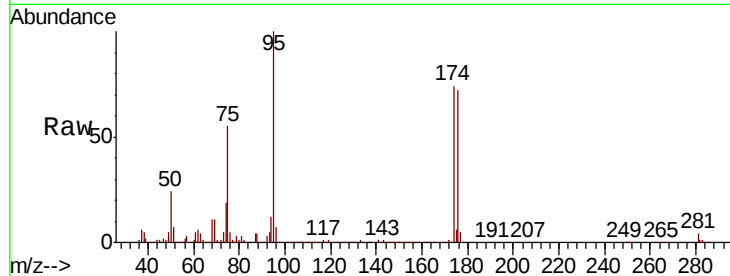




#81
trans-1,4-Dichloro-2-butene
Concen: 149.451 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012274.D
Acq: 29 Aug 2019 01:36

Instrument :
MSVOA_W
ClientSampleId :
TP-3-S2

Tgt Ion: 75 Resp: 90044
Ion Ratio Lower Upper
75 100
53 0.2 89.4 134.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 4.394 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012274.D
Acq: 29 Aug 2019 01:36

Tgt Ion: 128 Resp: 407
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 10.1 8.7 13.1

