

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
 Data File : VW013275.D
 Acq On : 24 Sep 2019 14:46
 Operator : SY/VA
 Sample : K4668-12
 Misc : 8.43G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-092319

Quant Time: Sep 25 07:10:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	345148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	517876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	428683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	181300	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	148130	52.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.18%	
35) Dibromofluoromethane	7.88	113	143677	50.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.88%	
50) Toluene-d8	10.32	98	595119	49.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.62	95	180652	44.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.72%	

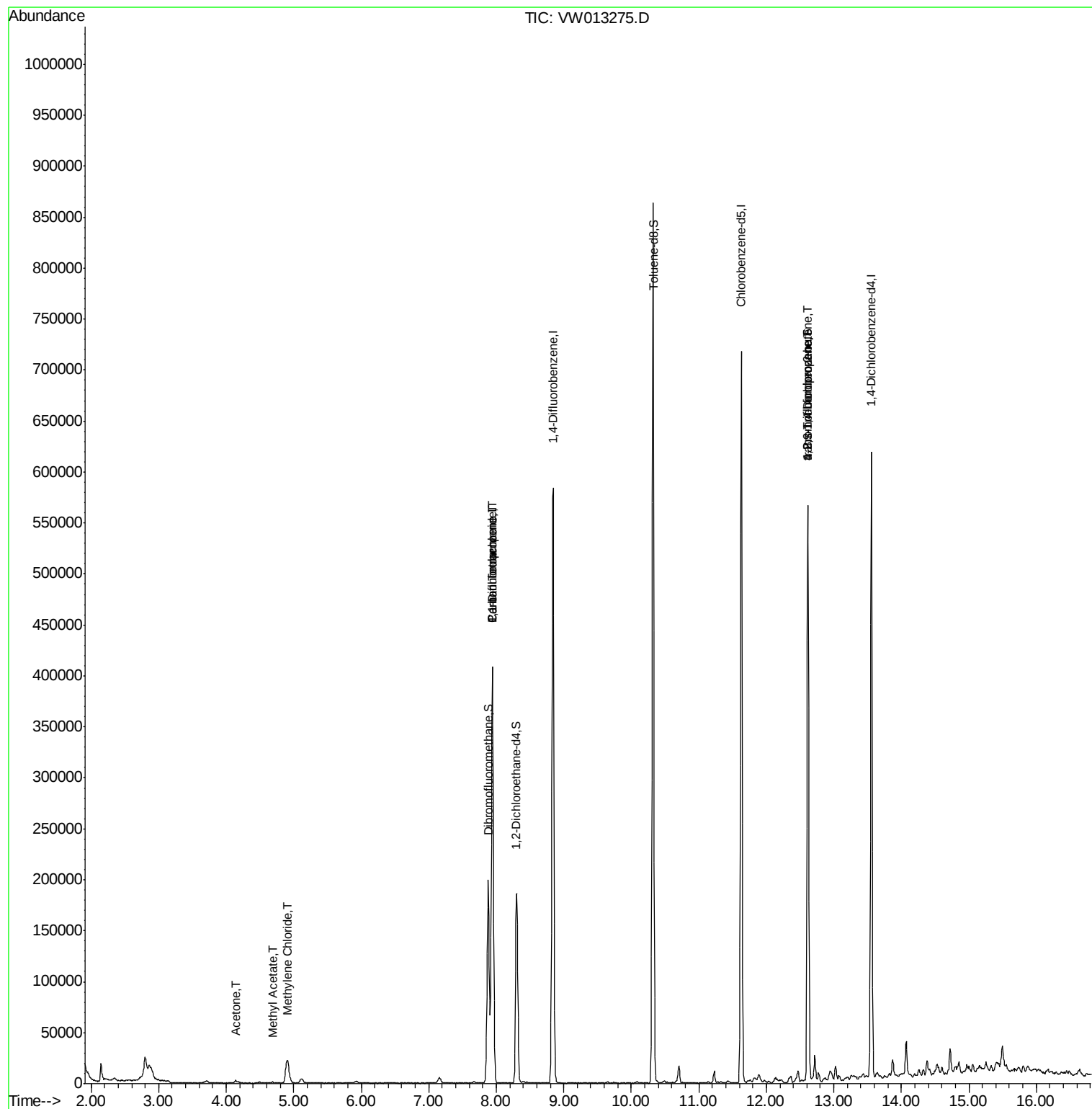
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	260	Below Cal	#	73
16) Acetone	4.14	43	5281	8.313	ug/l #	74
18) Methyl Acetate	4.68	43	2052	1.149	ug/l	95
20) Methylene Chloride	4.91	84	21096	3.810	ug/l	91
26) 2,2-Dichloropropane	7.15	77	101	Below Cal	#	52
36) 1,1-Dichloropropene	7.94	75	22024	4.391	ug/l #	48
38) Carbon Tetrachloride	7.94	117	30017	6.676	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	86060	53.750	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	86060	120.610	ug/l #	12

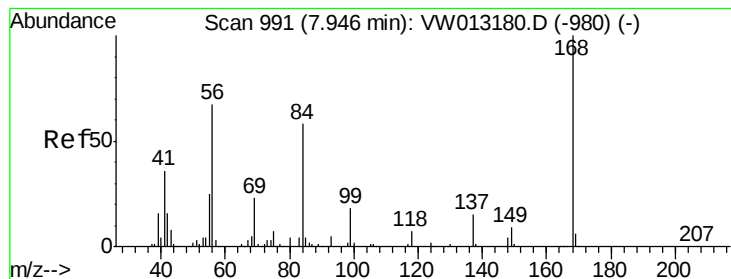
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
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Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013275.D

Acq: 24 Sep 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

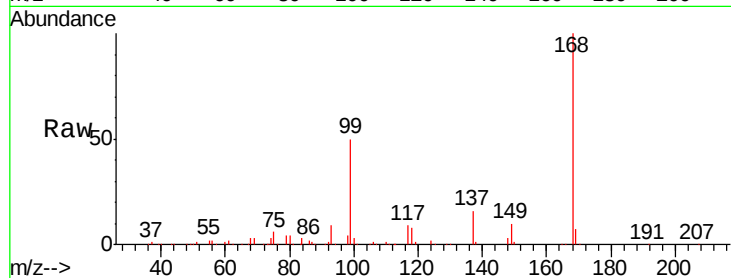
SU-03-092319

Tgt Ion:168 Resp: 345148

Ion Ratio Lower Upper

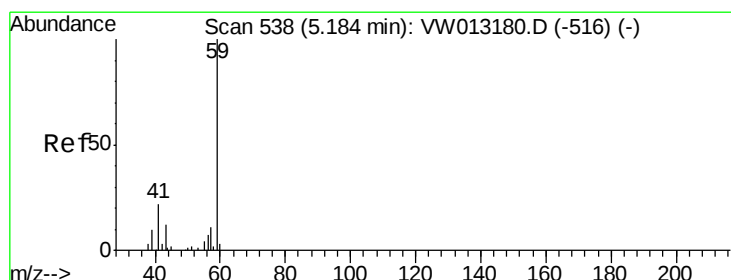
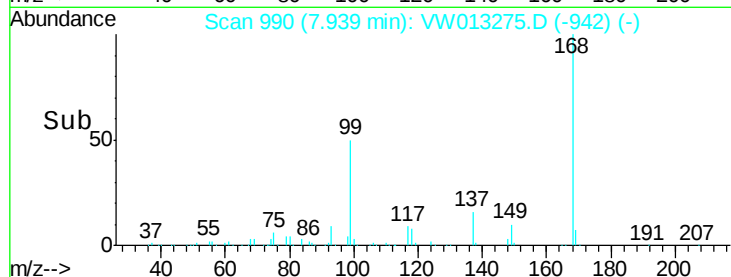
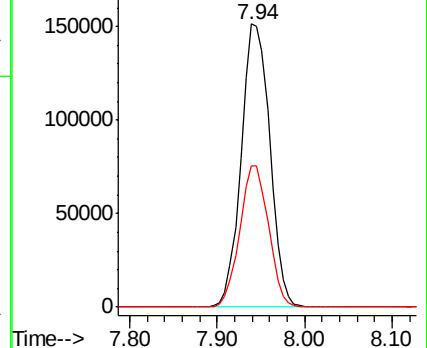
168 100

99 50.1 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.22 min Scan# 544

Delta R.T. 0.04 min

Lab File: VW013275.D

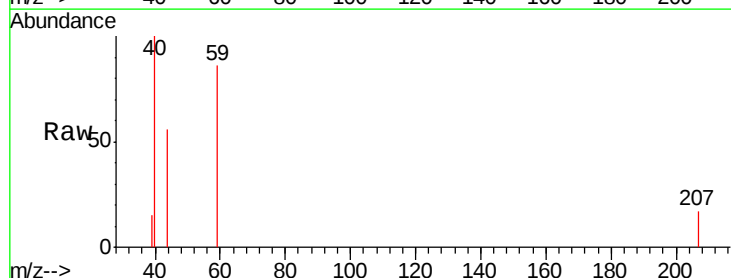
Acq: 24 Sep 2019 14:46

Tgt Ion: 59 Resp: 260

Ion Ratio Lower Upper

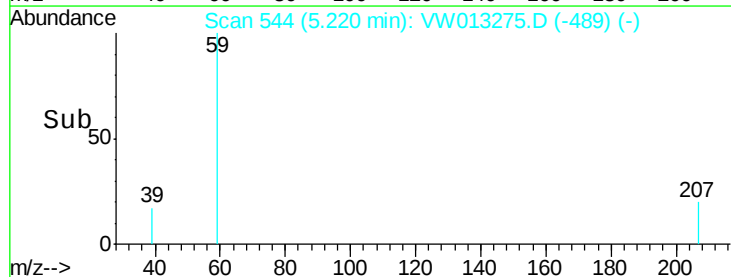
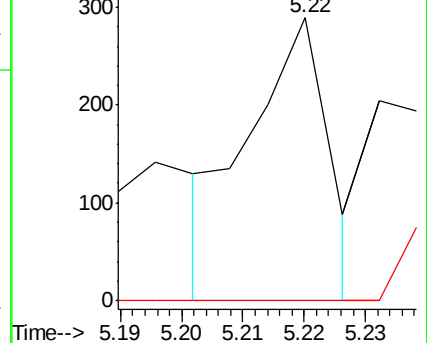
59 100

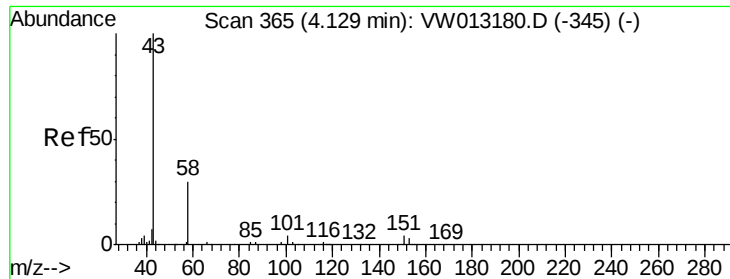
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 8.313 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013275.D

Acq: 24 Sep 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

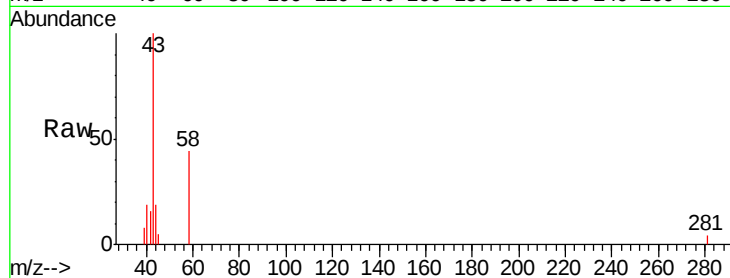
SU-03-092319

Tgt Ion: 43 Resp: 5281

Ion Ratio Lower Upper

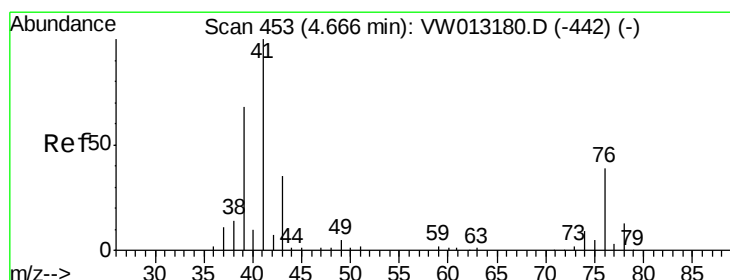
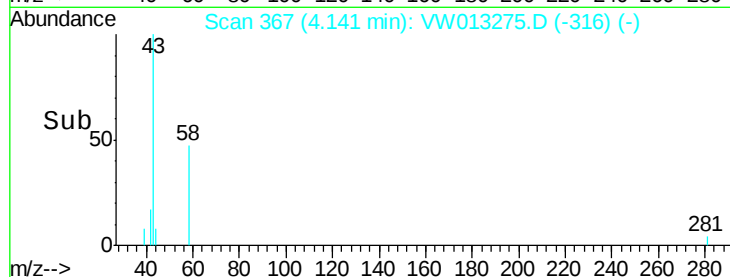
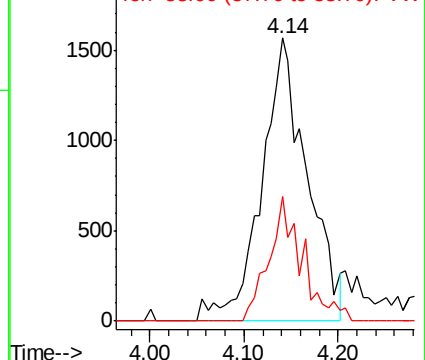
43 100

58 44.2 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.149 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

Lab File: VW013275.D

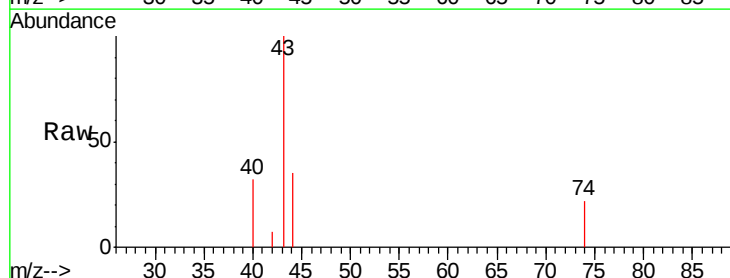
Acq: 24 Sep 2019 14:46

Tgt Ion: 43 Resp: 2052

Ion Ratio Lower Upper

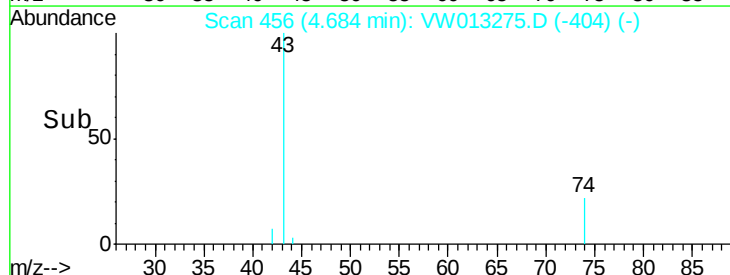
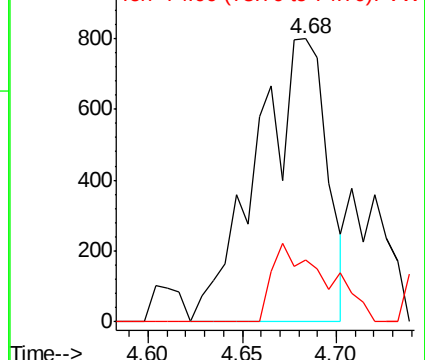
43 100

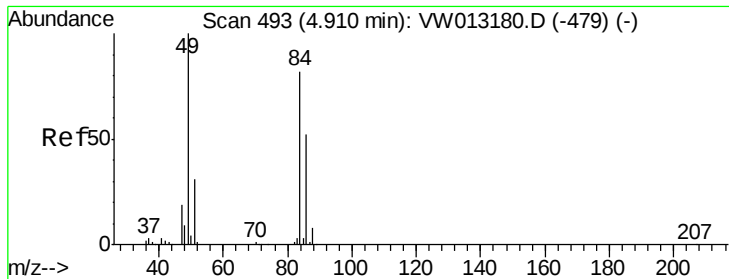
74 21.6 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#20

Methylene Chloride

Concen: 3.810 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW013275.D

Acq: 24 Sep 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

SU-03-092319

Tgt Ion: 84 Resp: 21096

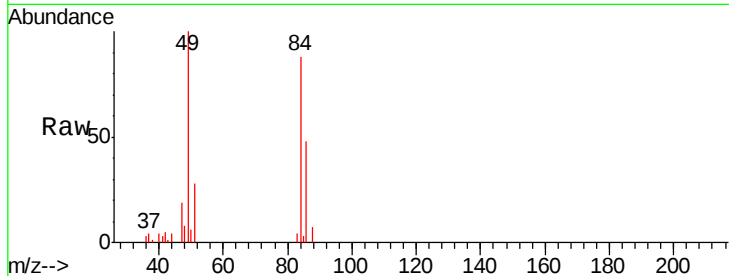
Ion Ratio Lower Upper

84 100

49 114.0 97.6 146.4

51 32.1 30.2 45.2

86 54.5 50.6 76.0

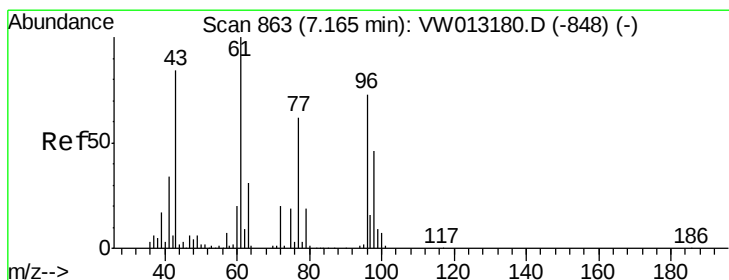
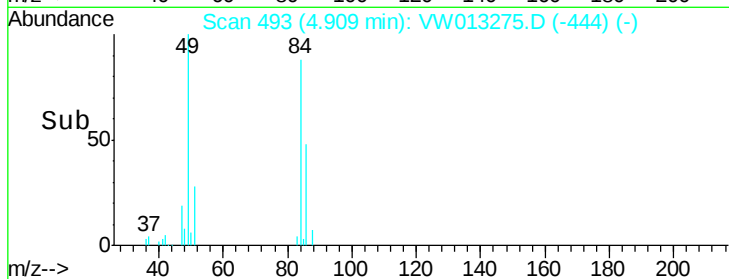
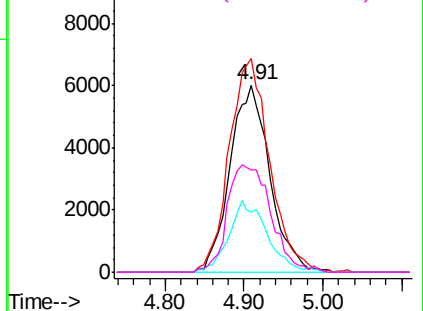


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW013275.D

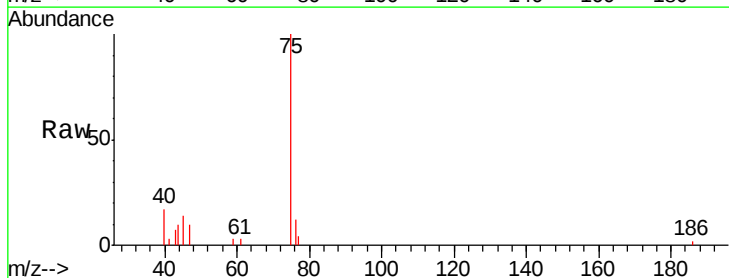
Acq: 24 Sep 2019 14:46

Tgt Ion: 77 Resp: 101

Ion Ratio Lower Upper

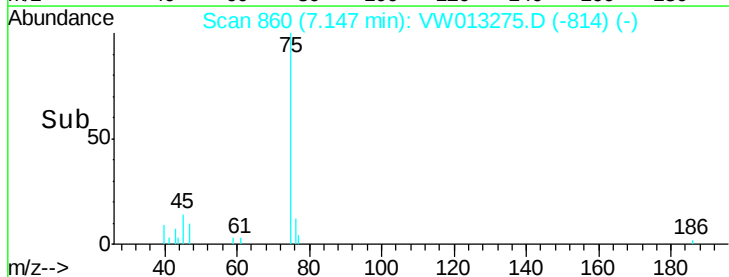
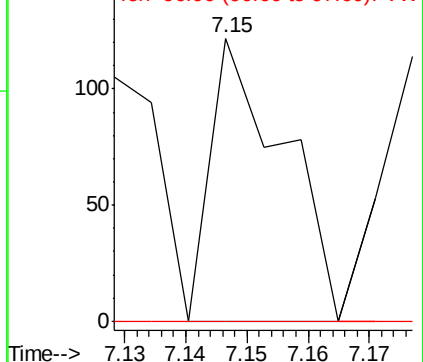
77 100

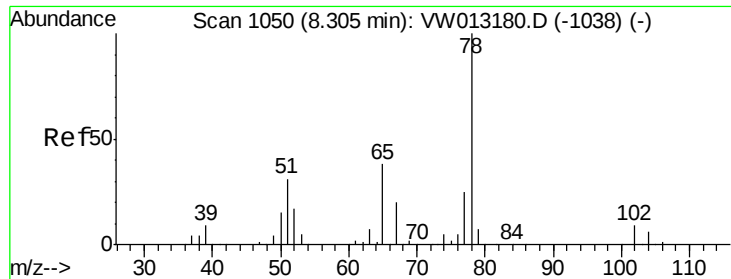
97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

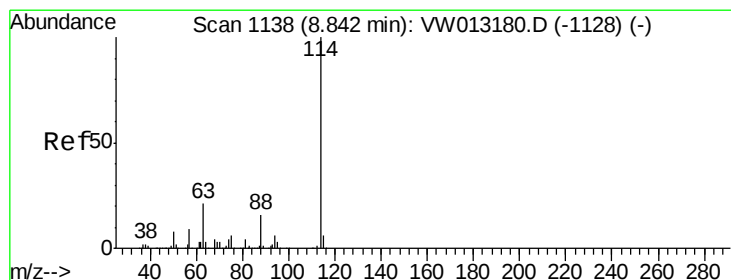
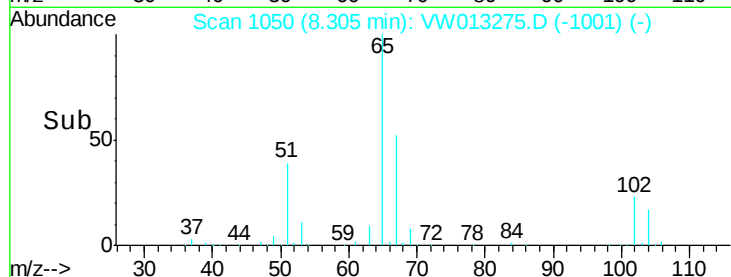
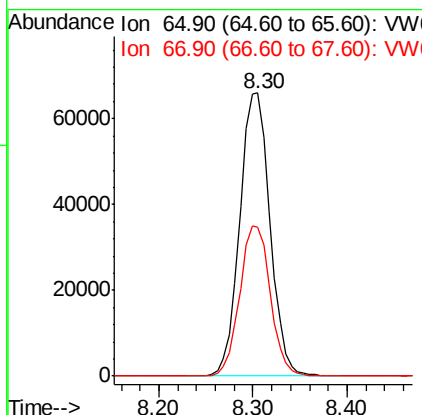
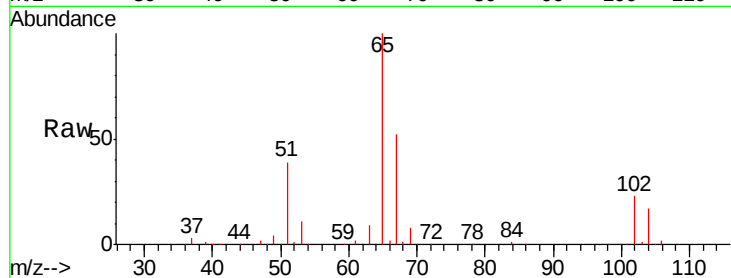




#33
 1,2-Dichloroethane-d4
 Concen: 52.586 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013275.D
 Acq: 24 Sep 2019 14:46

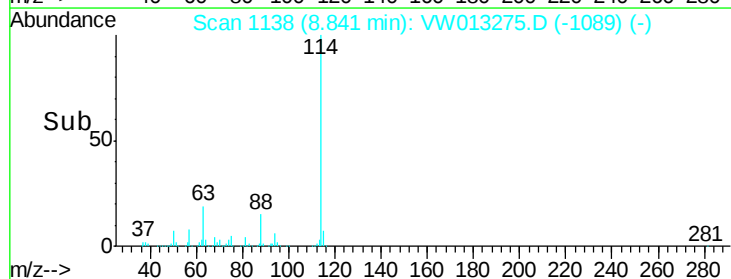
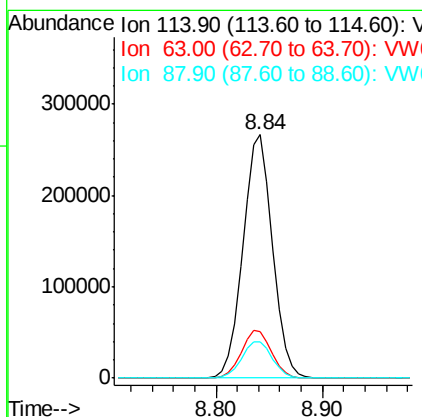
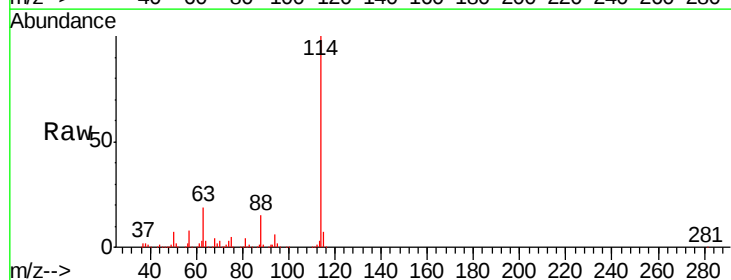
Instrument :
 MSVOA_W
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 SU-03-092319

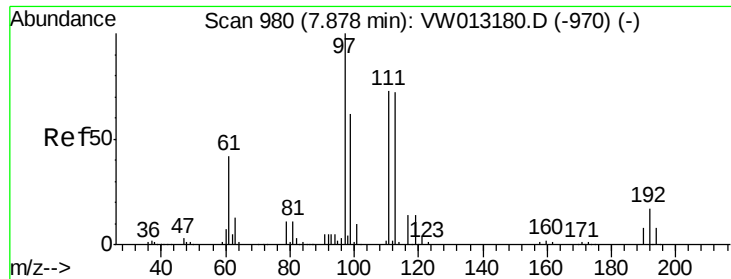
Tgt Ion: 65 Resp: 148130
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013275.D
 Acq: 24 Sep 2019 14:46

Tgt Ion: 114 Resp: 517876
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.4
 88 14.8 0.0 32.0

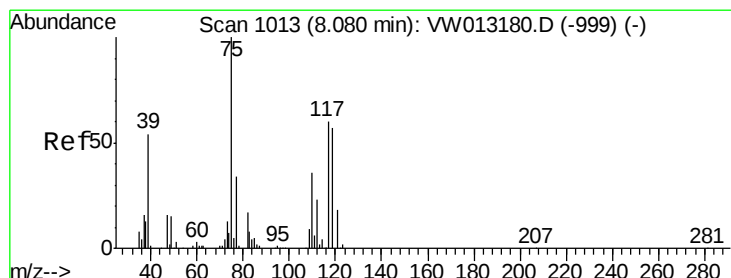
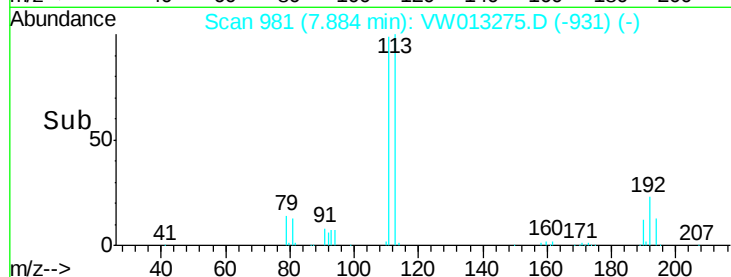
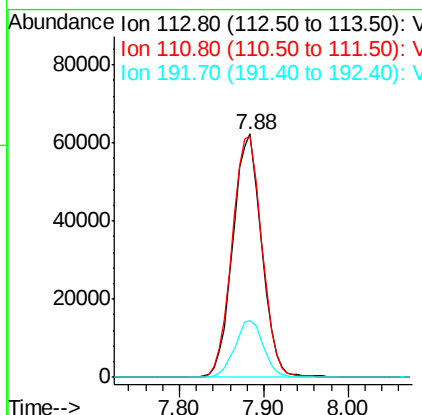
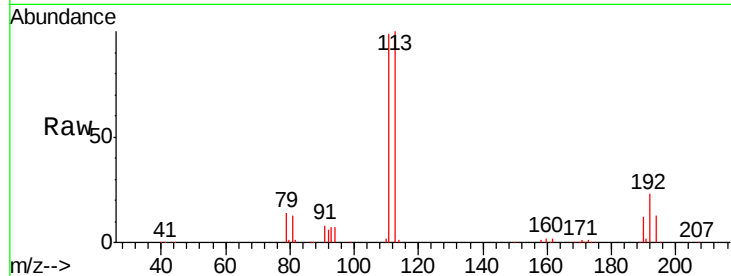




#35
 Dibromofluoromethane
 Concen: 50.443 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013275.D
 Acq: 24 Sep 2019 14:46

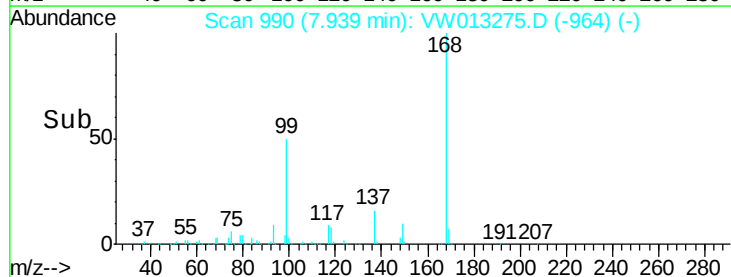
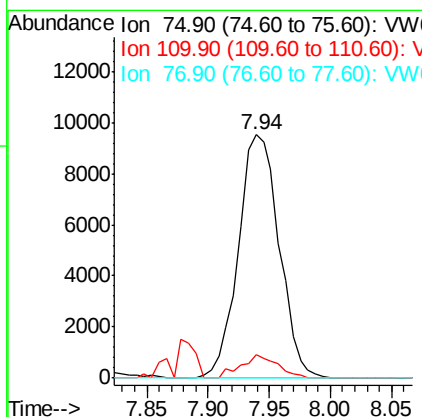
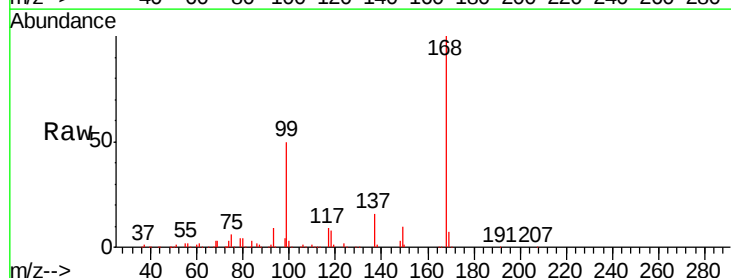
Instrument :
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 ClientSampleId :
 SU-03-092319

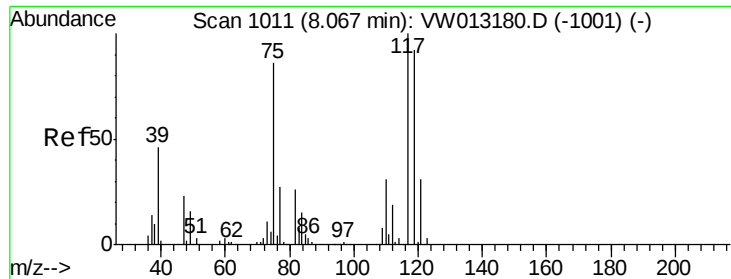
Tgt Ion: 113 Resp: 143677
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.9 122.9
 192 23.1 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.391 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013275.D
 Acq: 24 Sep 2019 14:46

Tgt Ion: 75 Resp: 22024
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.1 54.3#
 77 0.0 25.8 38.6#

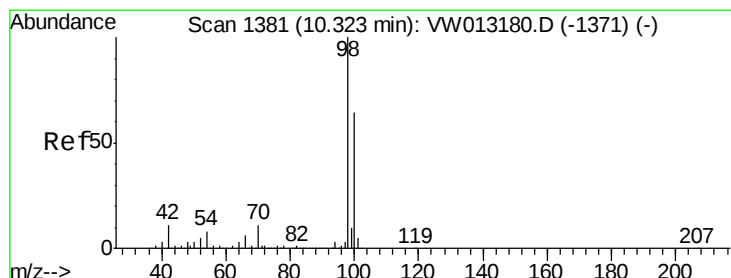
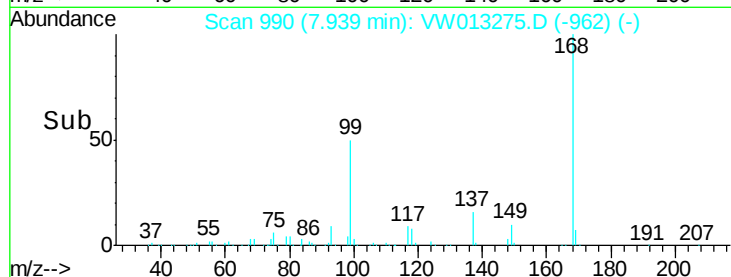
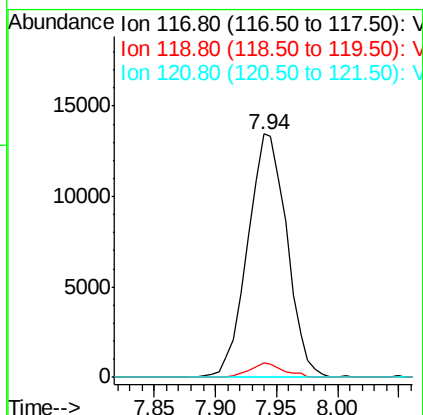
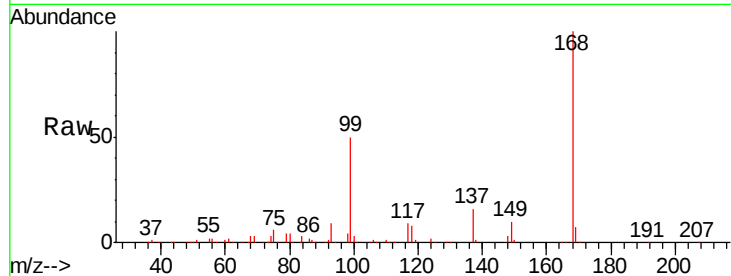




#38
Carbon Tetrachloride
Concen: 6.676 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW013275.D
Acq: 24 Sep 2019 14:46

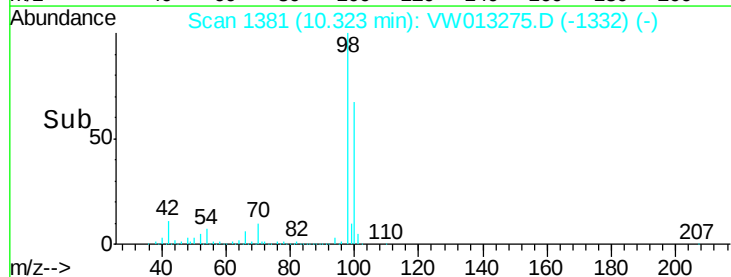
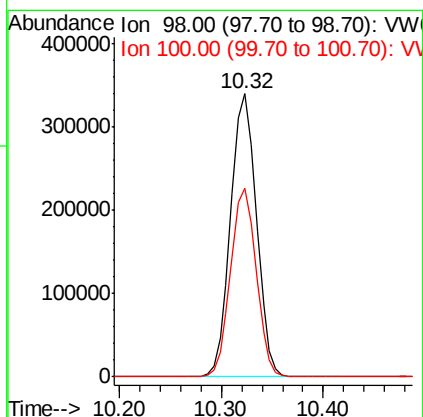
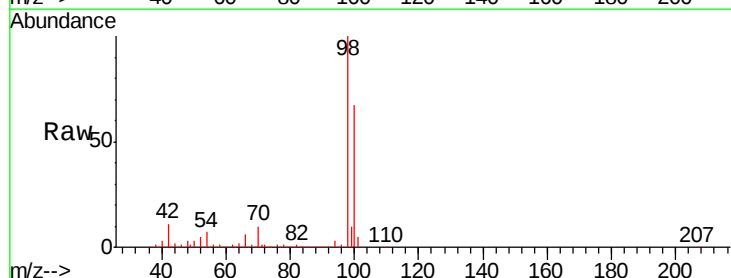
Instrument :
MSVOA_W
ClientSampled :
SU-03-092319

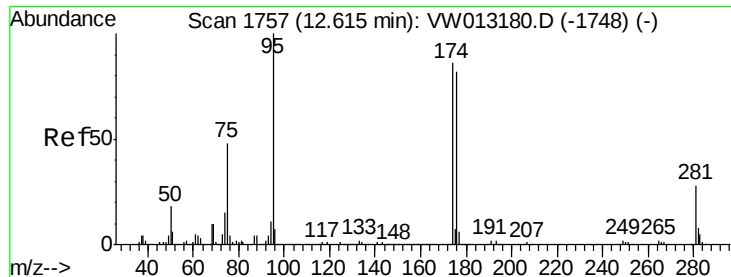
Tgt Ion:117 Resp: 30017
Ion Ratio Lower Upper
117 100
119 5.9 73.5 110.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 49.924 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013275.D
Acq: 24 Sep 2019 14:46

Tgt Ion: 98 Resp: 595119
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3

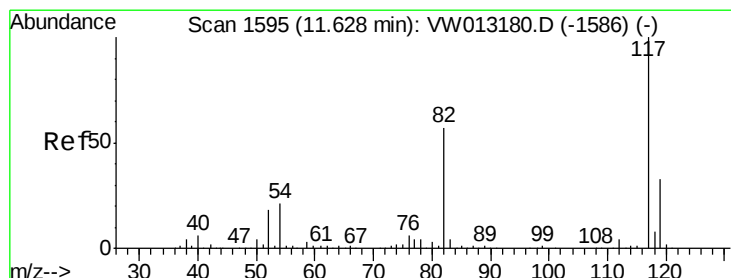
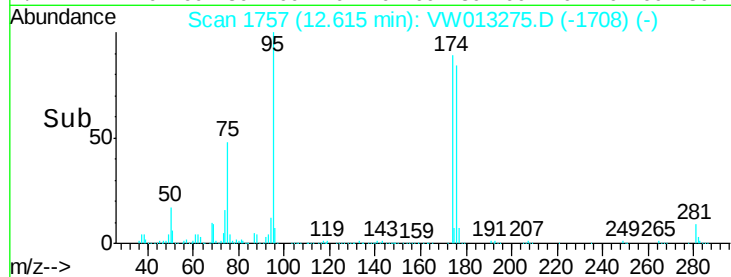
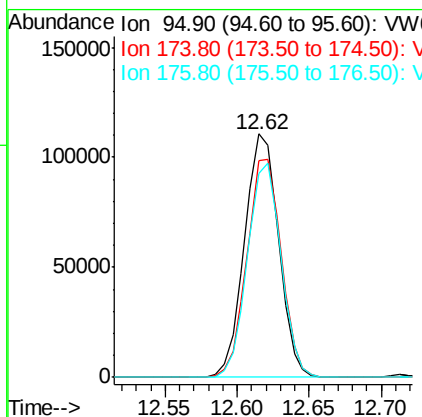
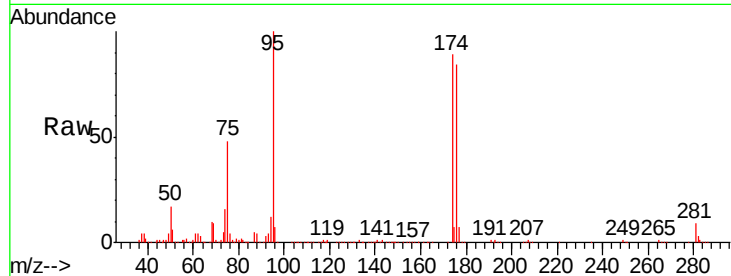




#62
4-Bromofluorobenzene
Concen: 44.365 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013275.D
Acq: 24 Sep 2019 14:46

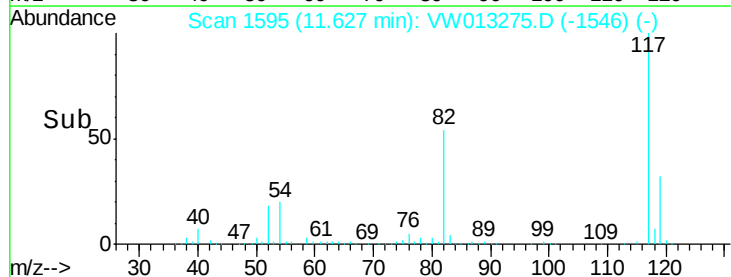
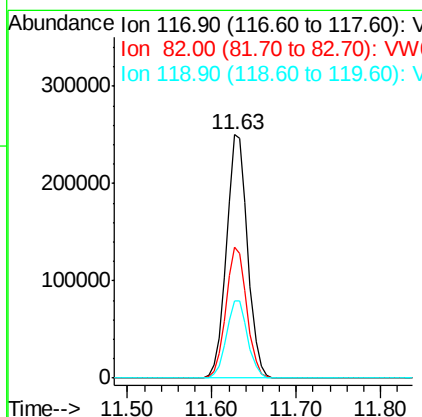
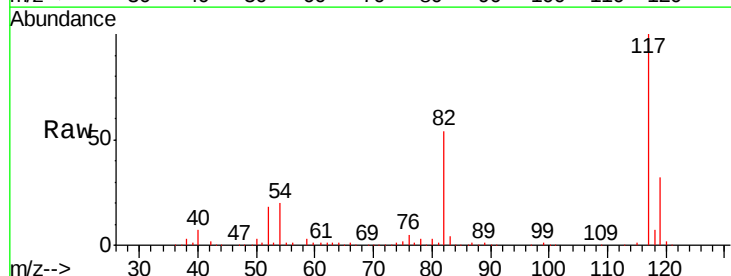
Instrument :
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SU-03-092319

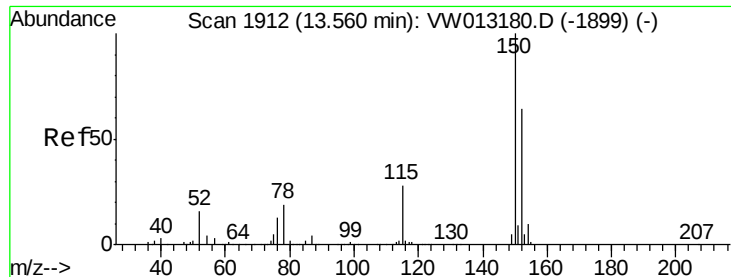
Tgt Ion: 95 Resp: 180652
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.4
176 86.6 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013275.D
Acq: 24 Sep 2019 14:46

Tgt Ion: 117 Resp: 428683
Ion Ratio Lower Upper
117 100
82 54.0 45.9 68.9
119 31.6 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013275.D

Acq: 24 Sep 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

SU-03-092319

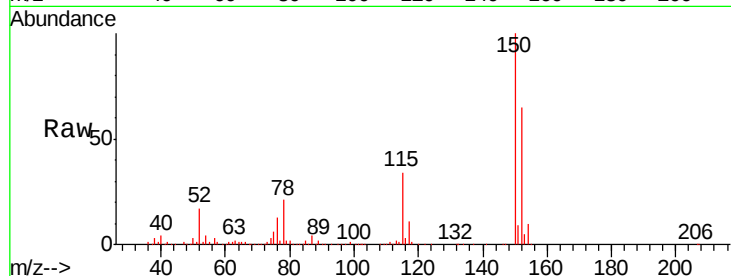
Tgt Ion:152 Resp: 181300

Ion Ratio Lower Upper

152 100

115 53.5 27.3 81.9

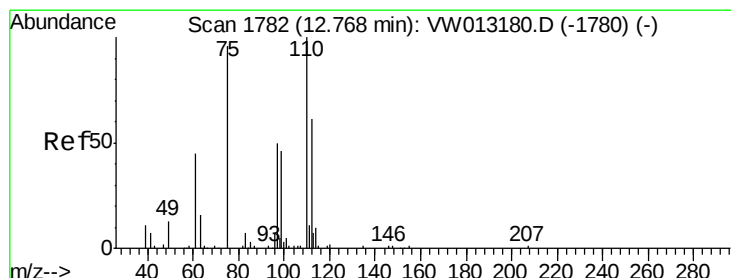
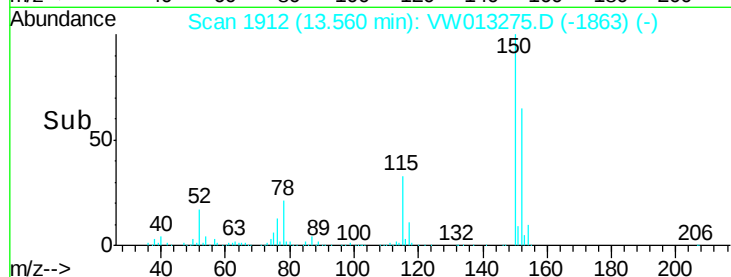
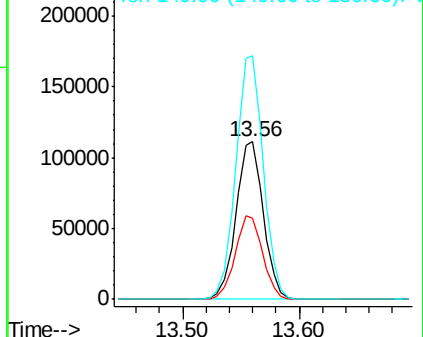
150 155.8 0.0 349.0



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: 53.750 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013275.D

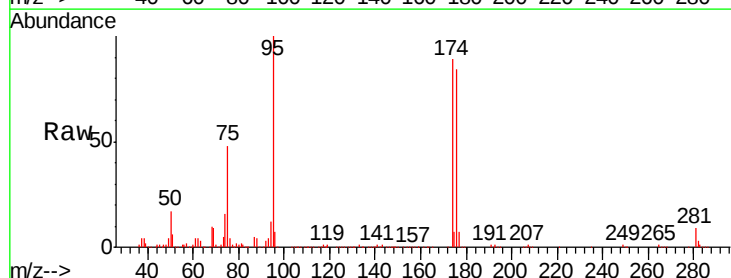
Acq: 24 Sep 2019 14:46

Tgt Ion: 75 Resp: 86060

Ion Ratio Lower Upper

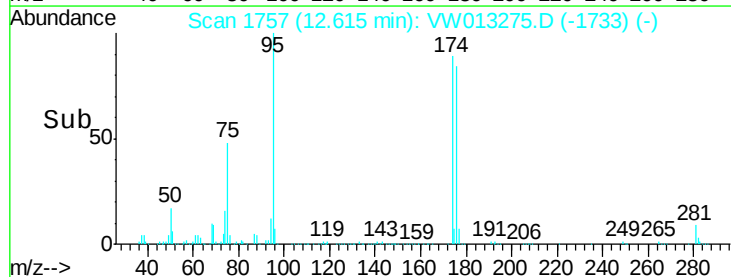
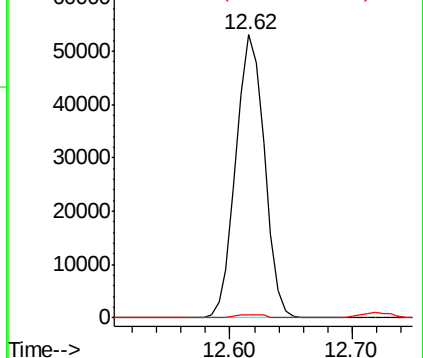
75 100

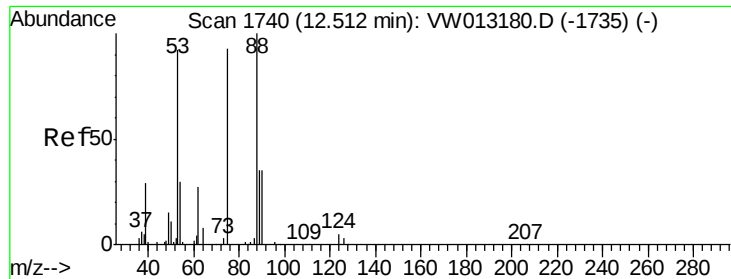
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 120.610 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013275.D

Acq: 24 Sep 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

SU-03-092319

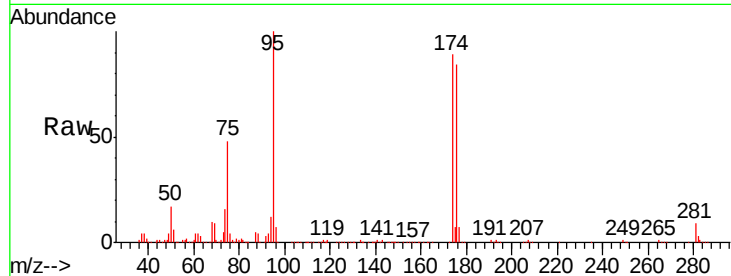
Tgt Ion: 75 Resp: 86060

Ion Ratio Lower Upper

75 100

53 0.3 76.6 114.8#

89 0.2 33.5 50.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

