

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015233.D
 Acq On : 20 Apr 2020 19:41
 Operator : SY/VA
 Sample : L2344-01
 Misc : 7.42G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-1

Quant Time: Apr 21 06:57:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	306616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108608	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	88490	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
35) Dibromofluoromethane	7.88	113	88367	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
50) Toluene-d8	10.32	98	366186	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.62	95	117288	43.03	ug/l	0.00
Spiked Amount			Recovery	=	86.06%	

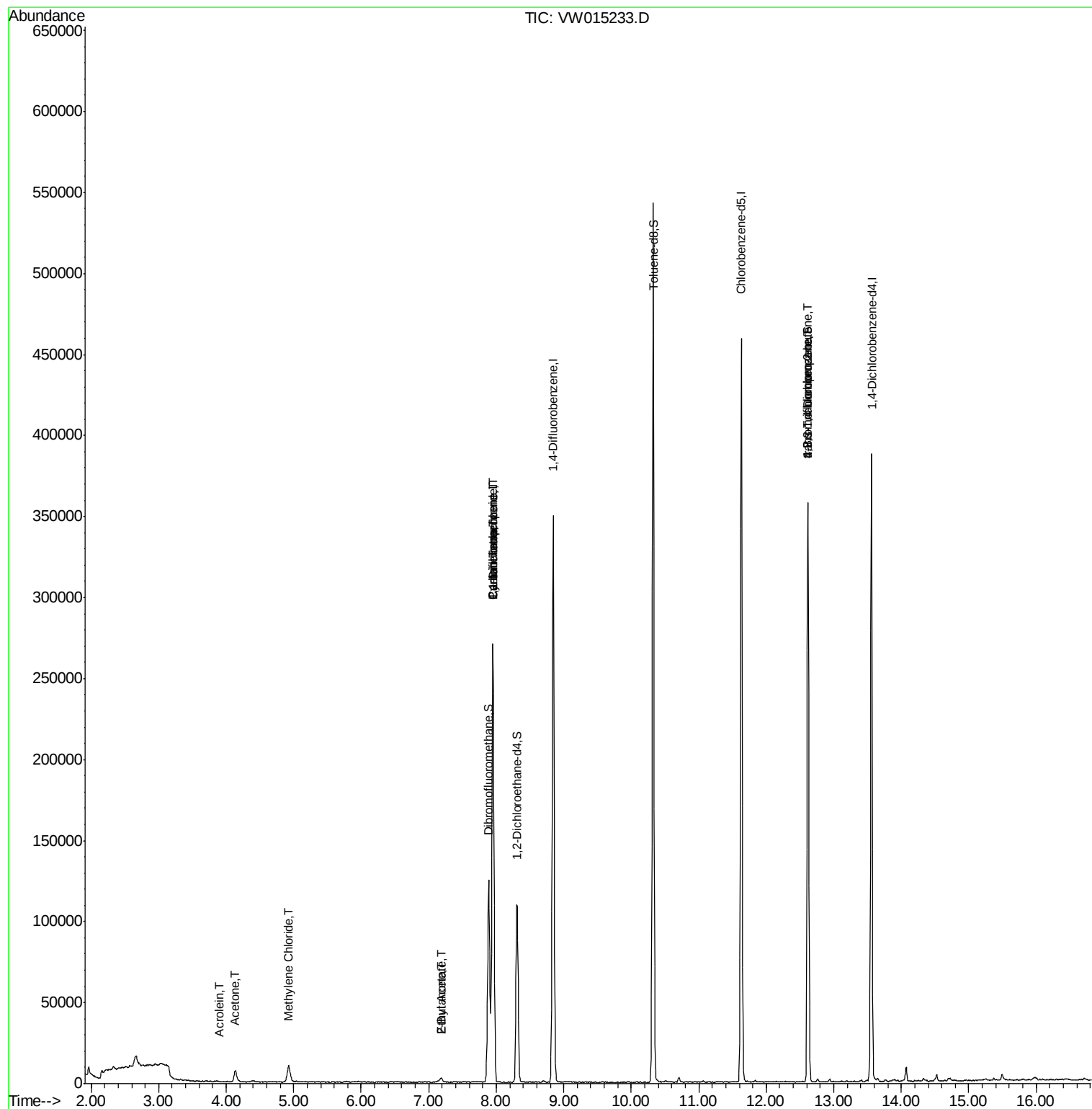
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.90	56	79	1.048	ug/l #	15
16) Acetone	4.14	43	13126	42.532	ug/l	93
20) Methylene Chloride	4.92	84	8186	4.047	ug/l	86
25) 2-Butanone	7.18	43	4465	10.905	ug/l	97
31) Cyclohexane	7.95	56	4333	1.326	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14593	5.273	ug/l #	50
37) Ethyl Acetate	7.18	43	4465	4.971	ug/l #	67
38) Carbon Tetrachloride	7.95	117	19542	6.462	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	58120	69.174	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58120	151.215	ug/l #	15

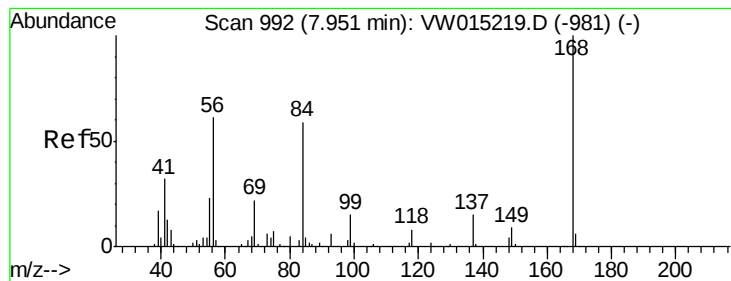
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
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Quant Time: Apr 21 06:57:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

Instrument :

MSVOA_W

ClientSampled :

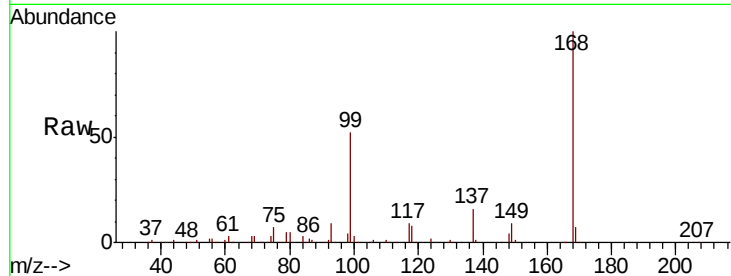
TP-2-1

Tot Ion:168 Resp: 216074

Ion Ratio Lower Upper

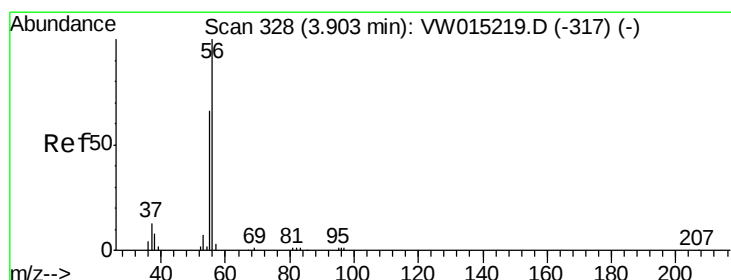
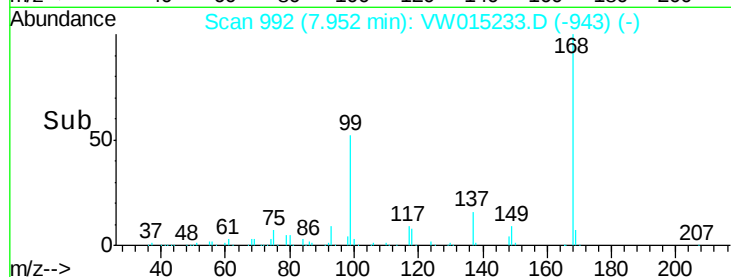
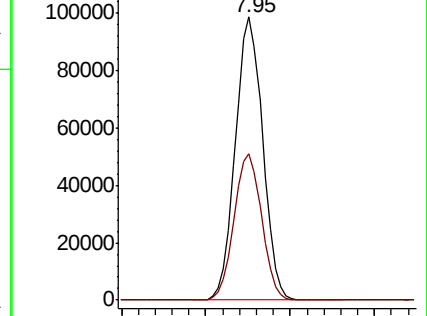
168 100

99 51.6 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 1.048 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW015233.D

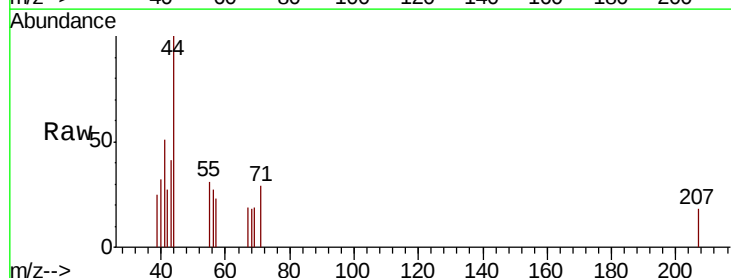
Acq: 20 Apr 2020 19:41

Tgt Ion: 56 Resp: 79

Ion Ratio Lower Upper

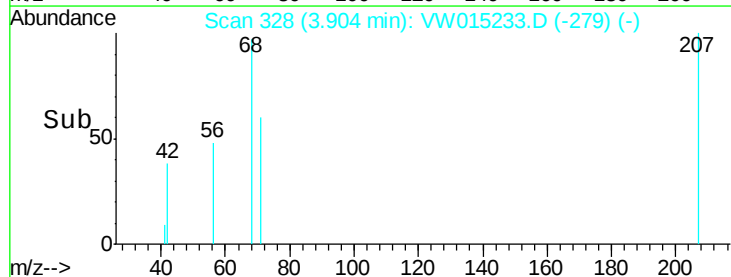
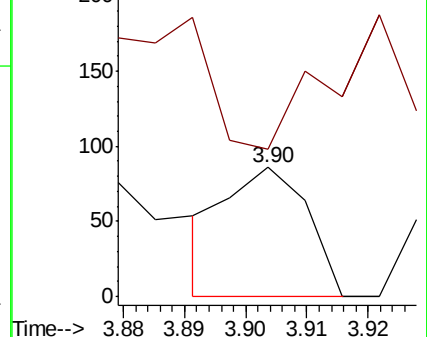
56 100

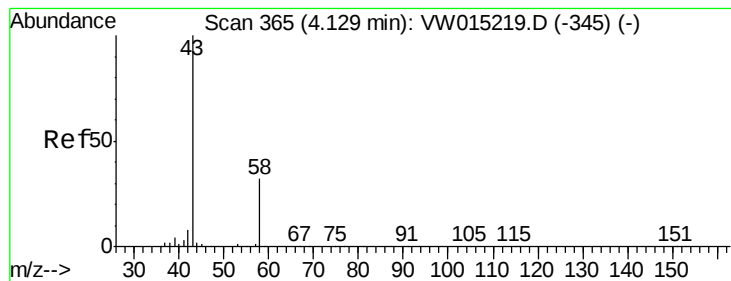
55 0.0 56.2 84.2#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 42.532 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

Instrument :

MSVOA_W

ClientSampled :

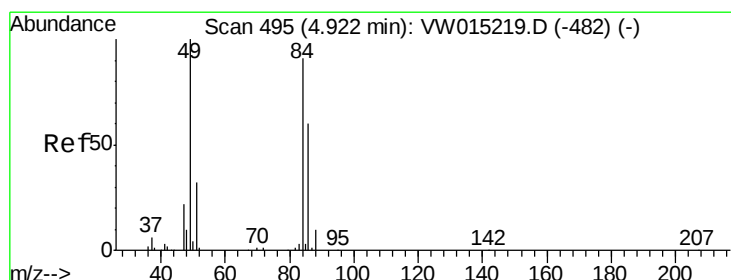
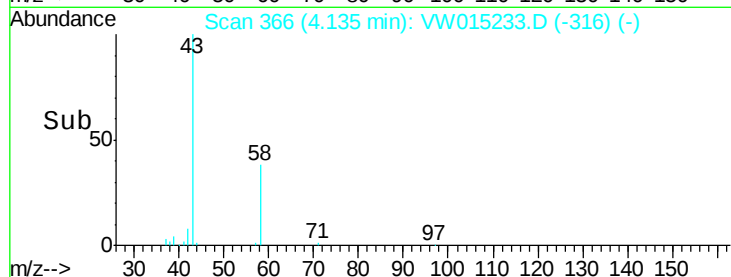
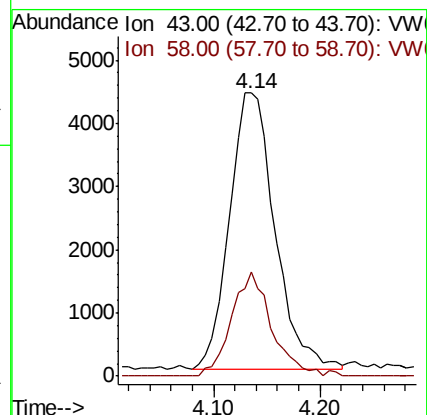
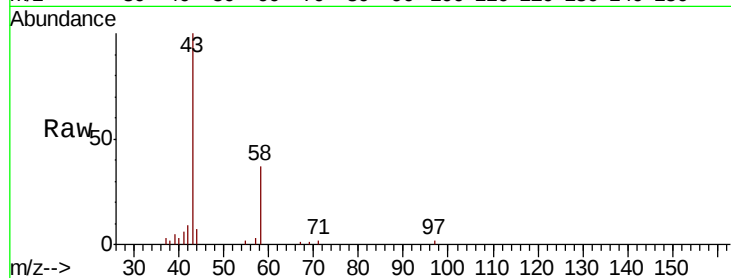
TP-2-1

Tot Ion: 43 Resp: 13126

Ion Ratio Lower Upper

43 100

58 37.7 27.0 40.4



#20

Methylene Chloride

Concen: 4.047 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

Tgt Ion: 84 Resp: 8186

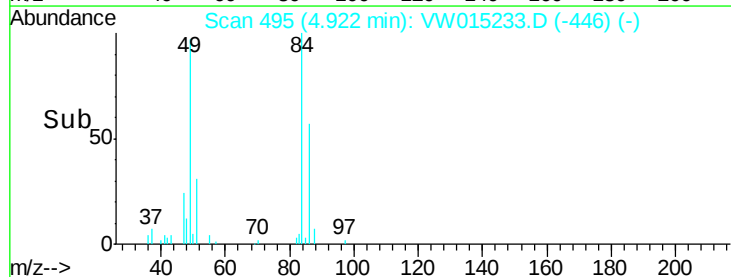
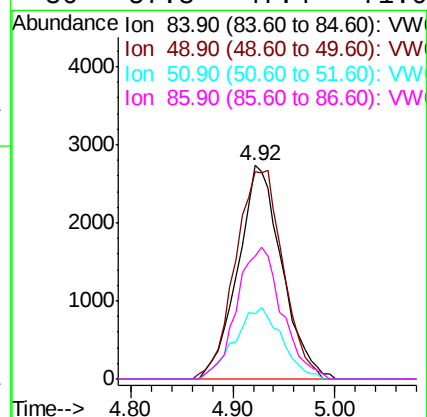
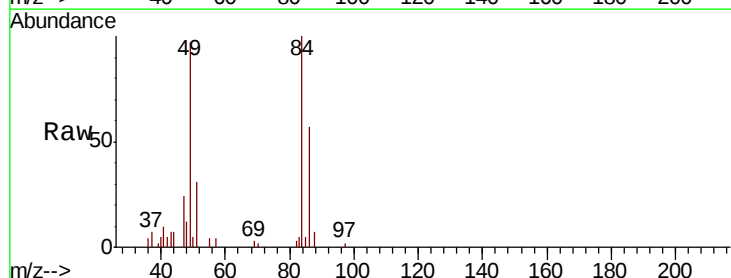
Ion Ratio Lower Upper

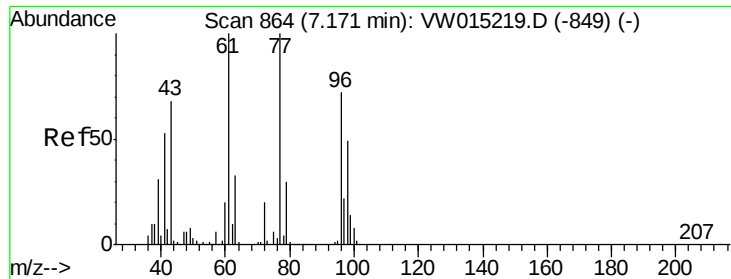
84 100

49 97.3 95.4 143.0

51 30.8 29.8 44.8

86 57.3 47.4 71.0





#25

2-Butanone

Concen: 10.905 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

Instrument :

MSVOA_W

ClientSampleId :

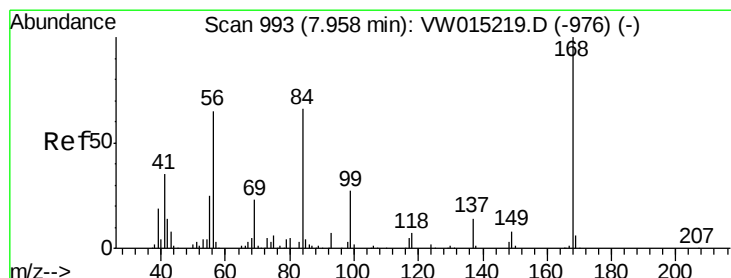
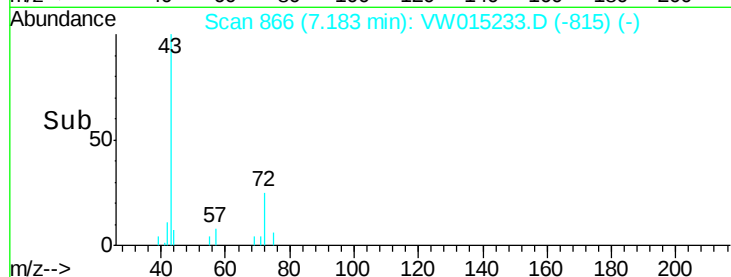
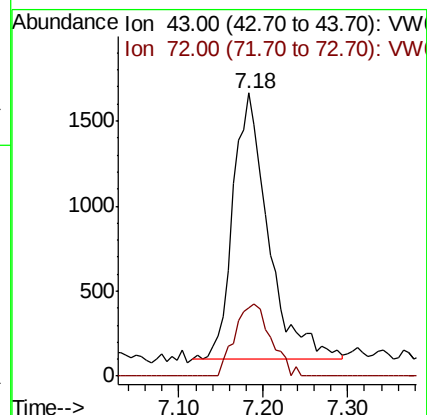
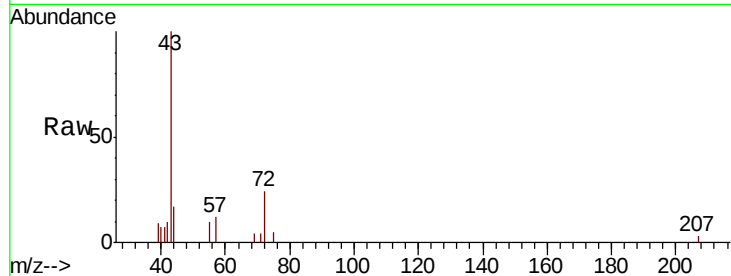
TP-2-1

Tot Ion: 43 Resp: 4465

Ion Ratio Lower Upper

43 100

72 25.7 21.6 32.4



#31

Cyclohexane

Concen: 1.326 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

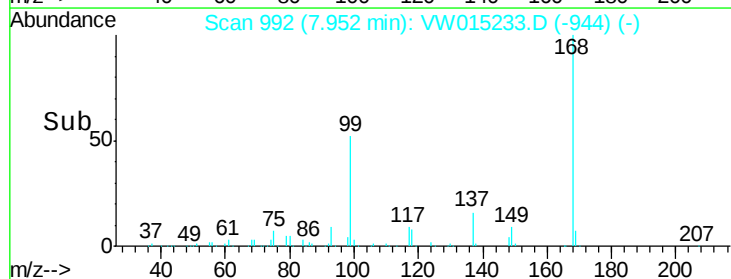
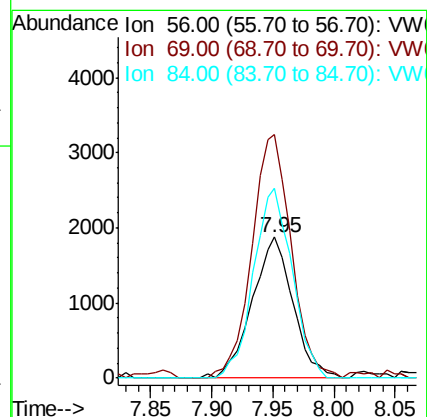
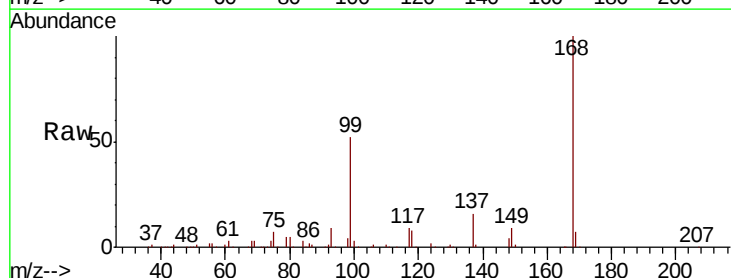
Tgt Ion: 56 Resp: 4333

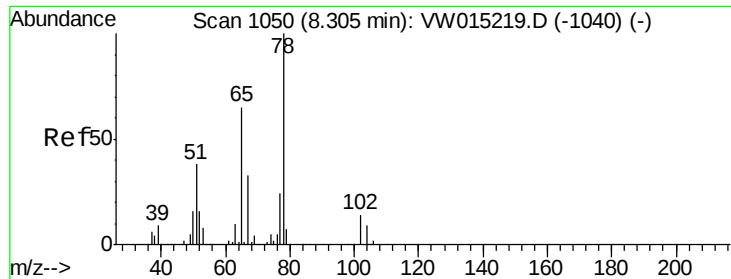
Ion Ratio Lower Upper

56 100

69 173.1 27.1 40.7#

84 135.1 71.9 107.9#





#33

1,2-Dichloroethane-d4

Concen: 50.081 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

Instrument :

MSVOA_W

ClientSampleId :

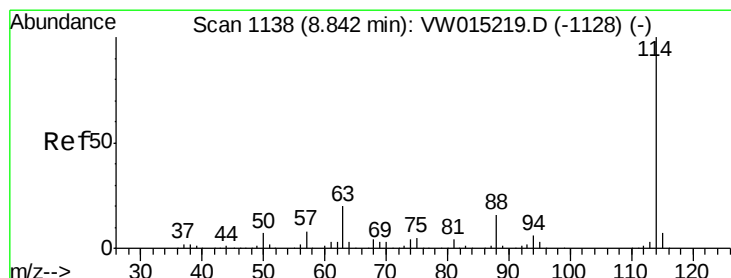
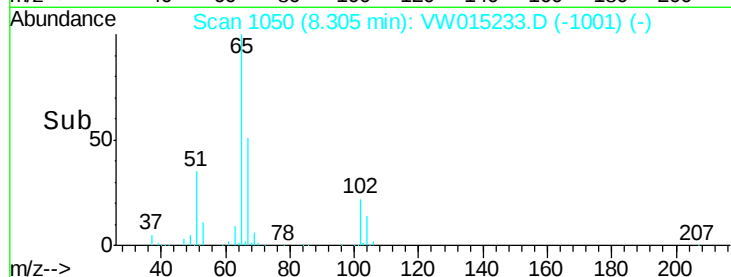
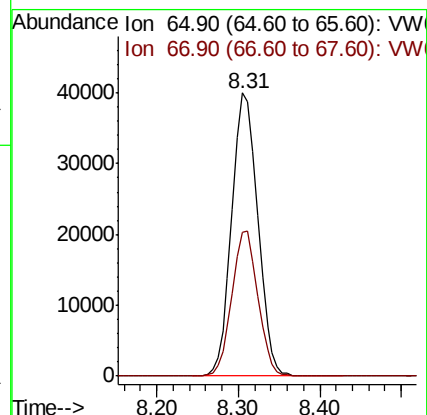
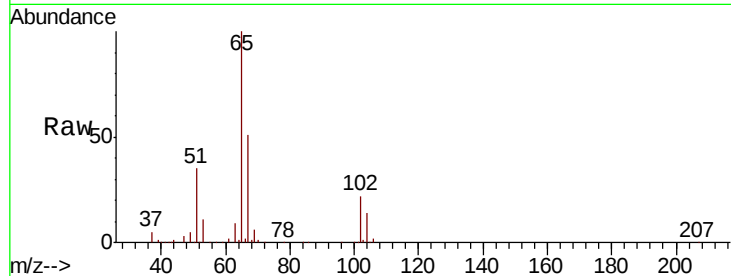
TP-2-1

Tot Ion: 65 Resp: 88490

Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

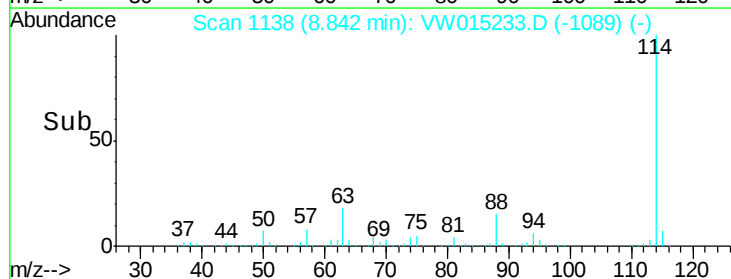
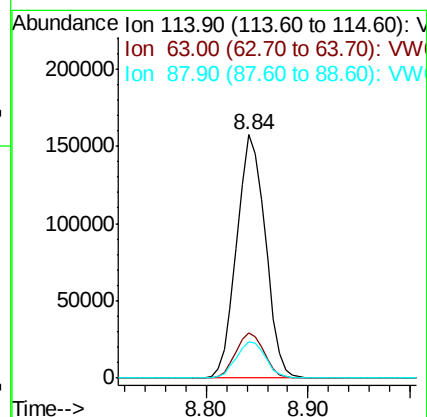
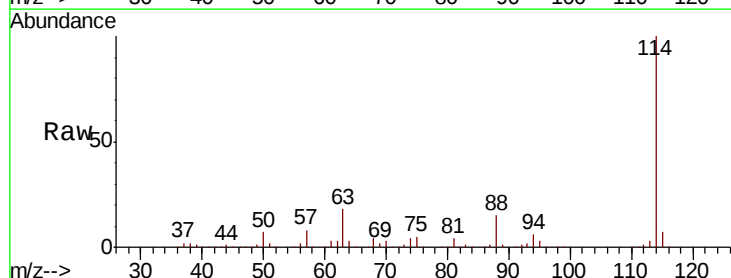
Tgt Ion: 114 Resp: 306616

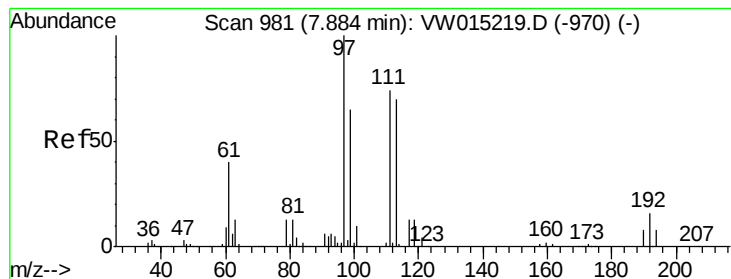
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.8

88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.030 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

Instrument :

MSVOA_W

ClientSampleId :

TP-2-1

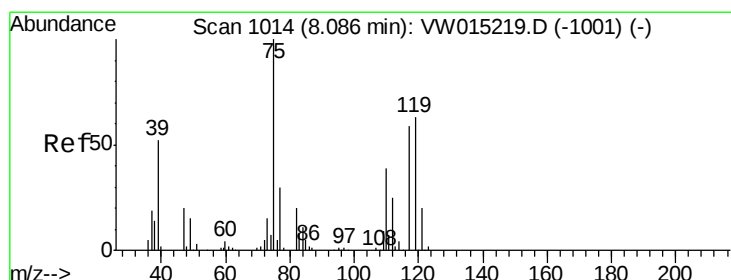
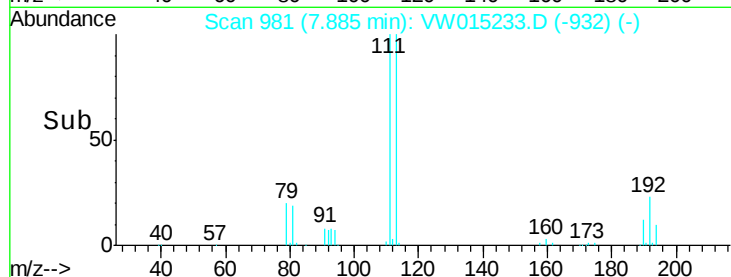
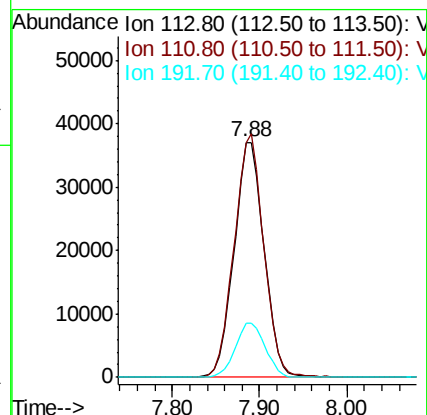
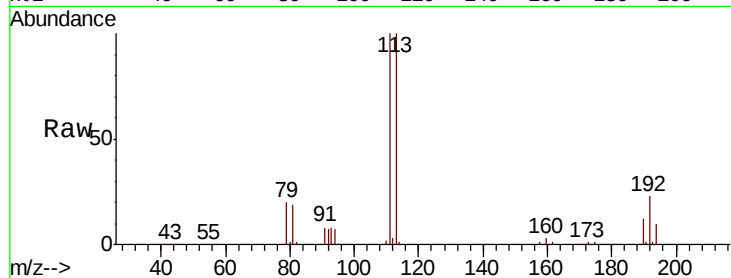
Tot Ion:113 Resp: 88367

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

192 22.9 15.1 22.7#



#36

1,1-Dichloropropene

Concen: 5.273 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

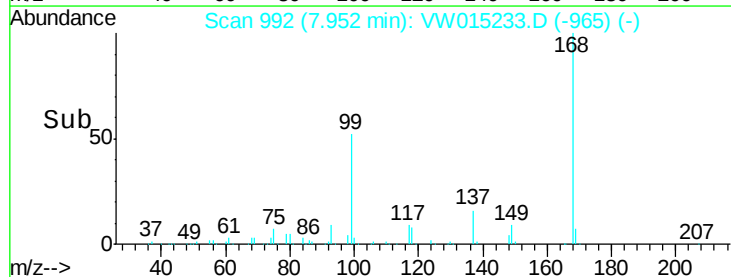
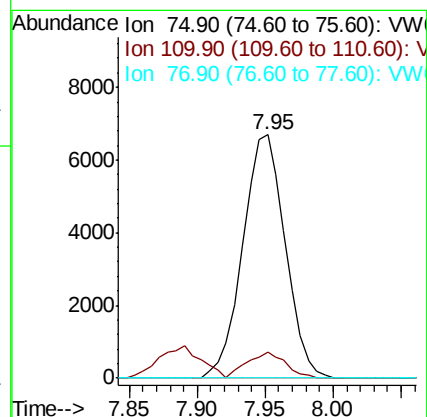
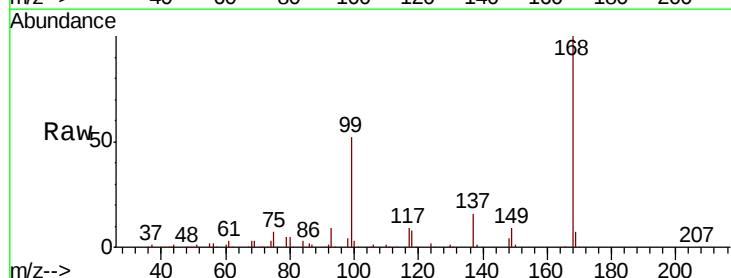
Tgt Ion: 75 Resp: 14593

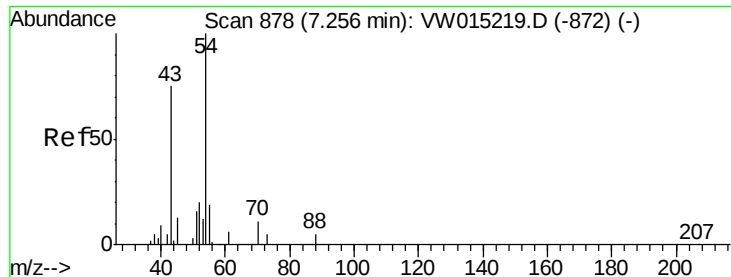
Ion Ratio Lower Upper

75 100

110 9.6 18.2 54.6#

77 0.0 24.5 36.7#

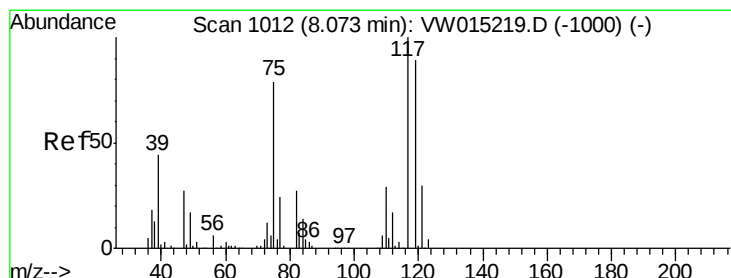
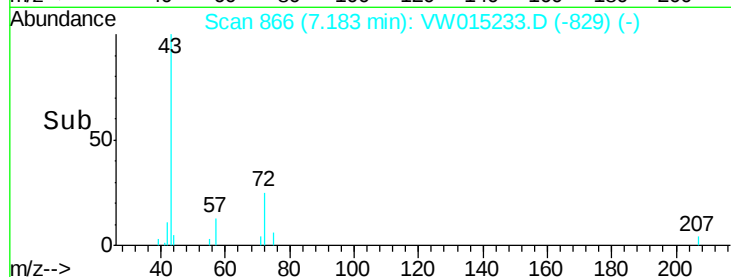
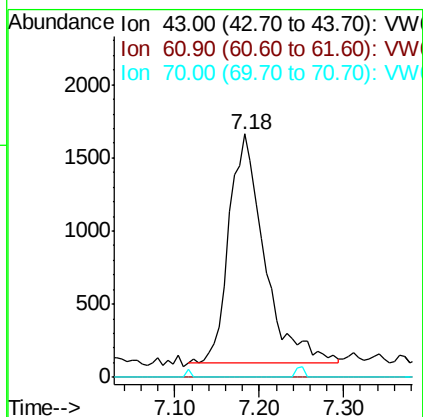
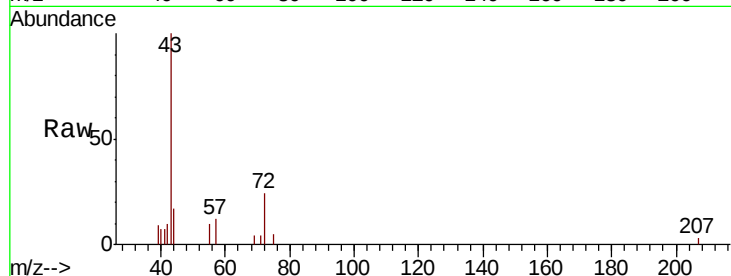




#37
Ethyl Acetate
Concen: 4.971 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.07 min
Lab File: VW015233.D
Acq: 20 Apr 2020 19:41

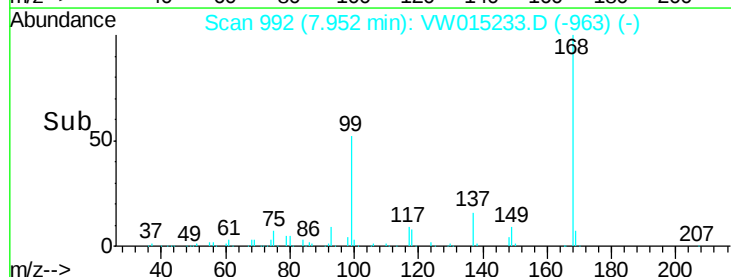
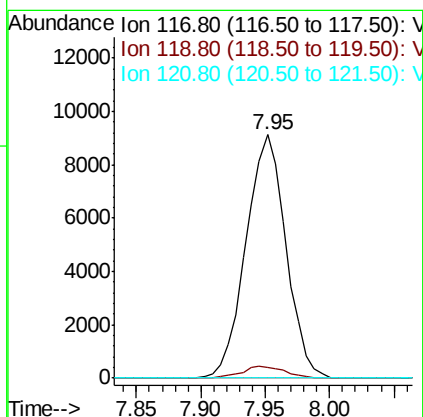
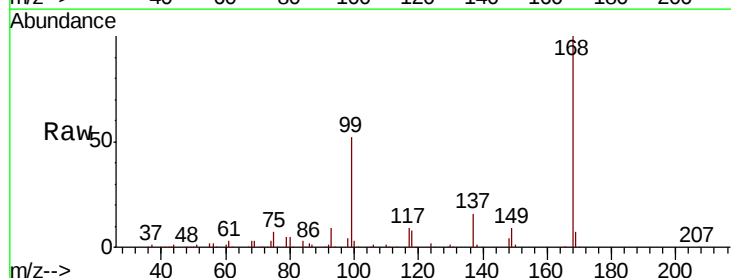
Instrument :
MSVOA_W
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TP-2-1

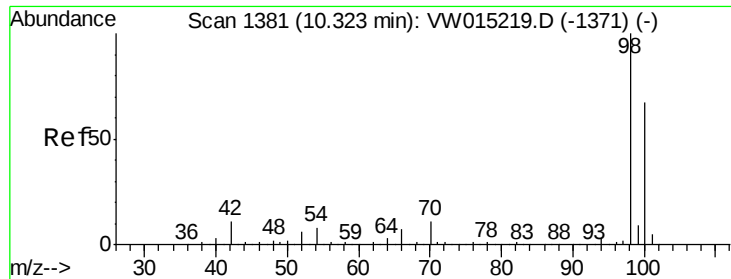
Tot Ion: 43 Resp: 4465
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 6.462 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015233.D
Acq: 20 Apr 2020 19:41

Tgt Ion: 117 Resp: 19542
Ion Ratio Lower Upper
117 100
119 4.5 72.3 108.5#
121 0.0 23.7 35.5#

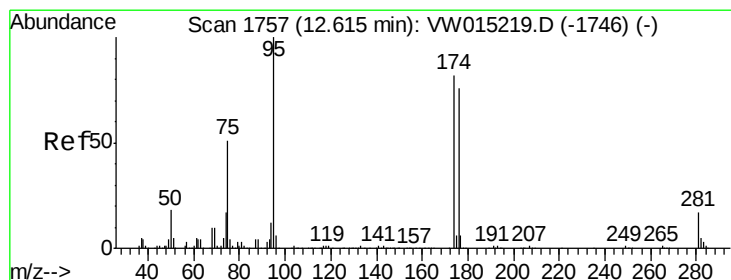
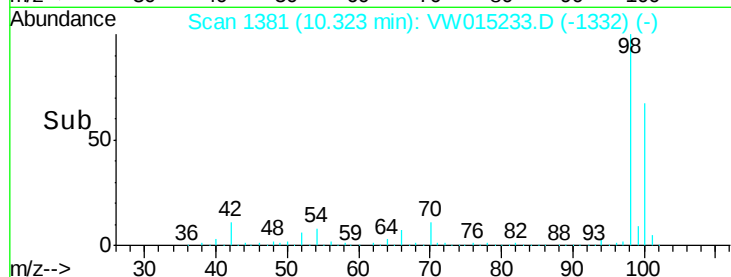
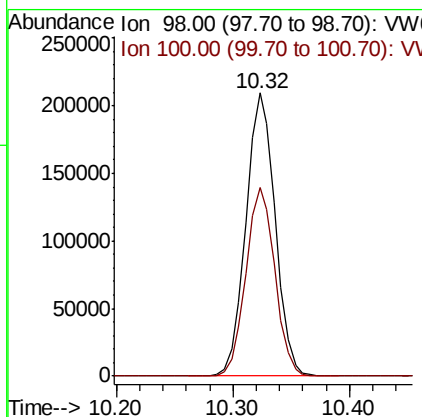
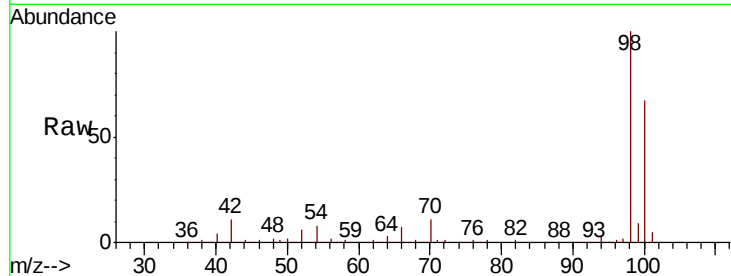




#50
Toluene-d8
Concen: 51.253 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015233.D
Acq: 20 Apr 2020 19:41

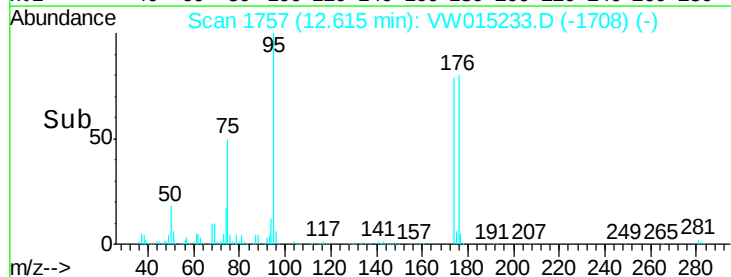
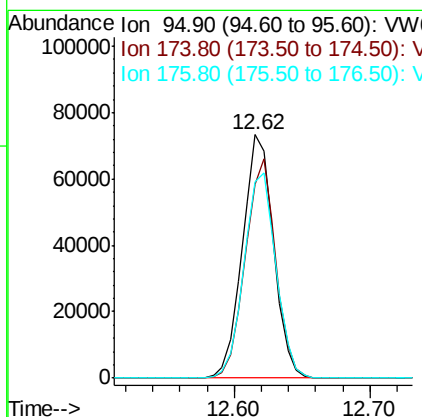
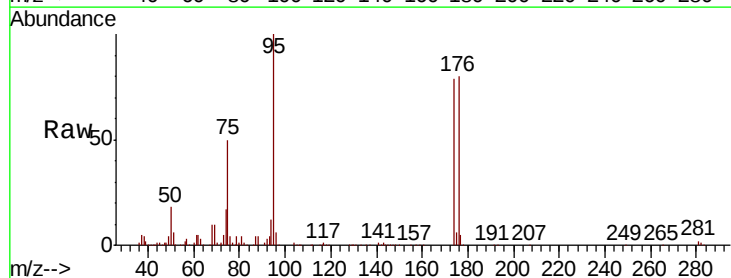
Instrument :
MSVOA_W
ClientSampleId :
TP-2-1

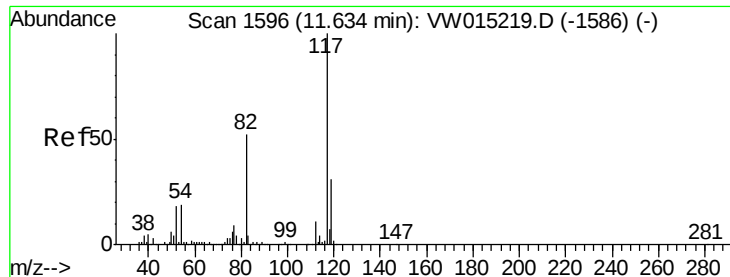
Tot Ion: 98 Resp: 366186
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.025 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015233.D
Acq: 20 Apr 2020 19:41

Tgt Ion: 95 Resp: 117288
Ion Ratio Lower Upper
95 100
174 88.2 0.0 144.4
176 86.6 0.0 140.6

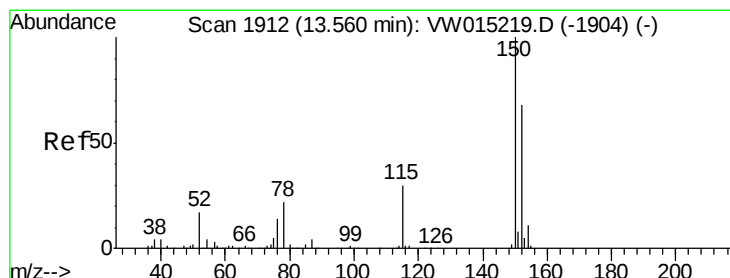
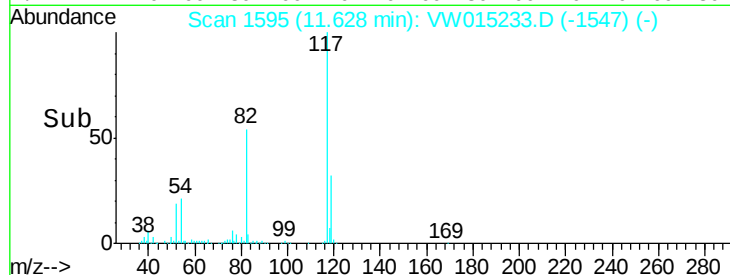
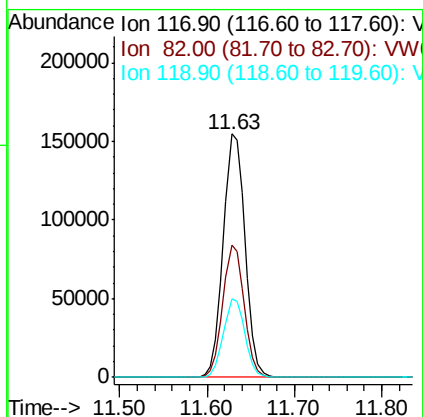
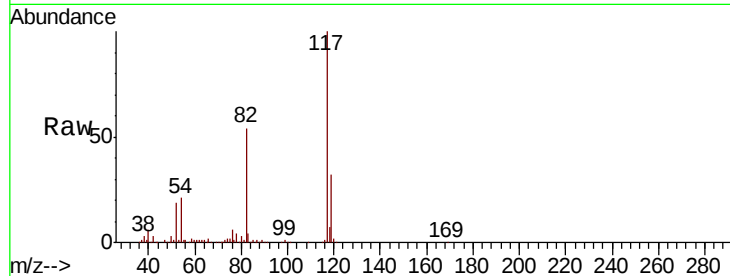




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015233.D
Acq: 20 Apr 2020 19:41

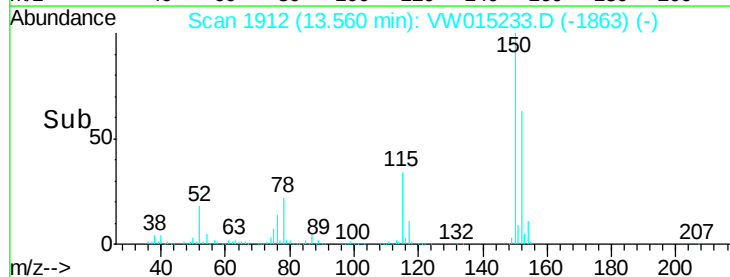
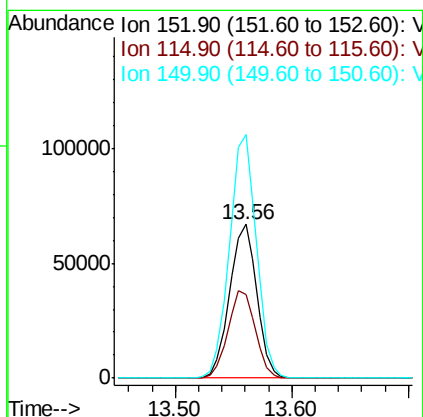
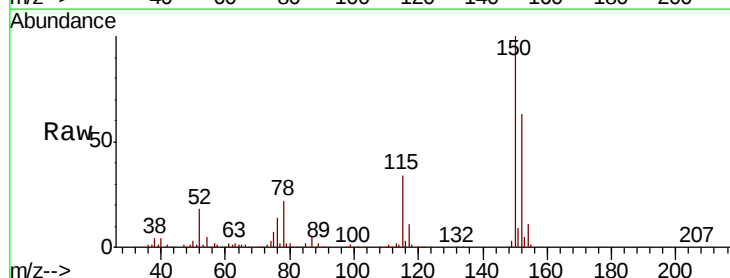
Instrument :
MSVOA_W
ClientSampleId :
TP-2-1

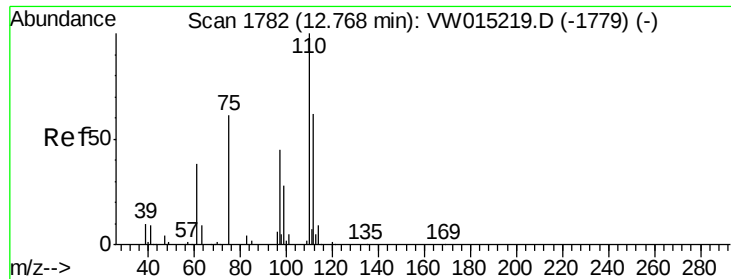
Tot Ion:117 Resp: 267370
Ion Ratio Lower Upper
117 100
82 54.4 44.1 66.1
119 32.1 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015233.D
Acq: 20 Apr 2020 19:41

Tgt Ion:152 Resp: 108608
Ion Ratio Lower Upper
152 100
115 57.1 31.3 93.9
150 157.3 0.0 343.4





#76

1,2,3-Trichloropropane

Concen: 69.174 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

Instrument :

MSVOA_W

ClientSampled :

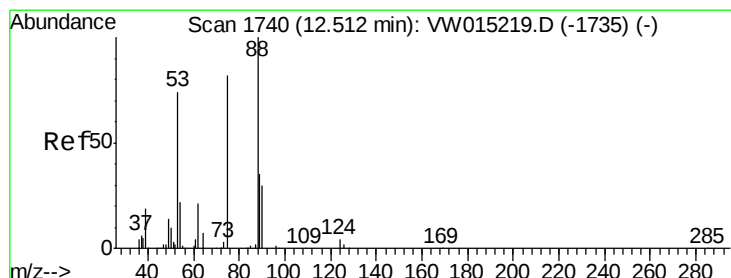
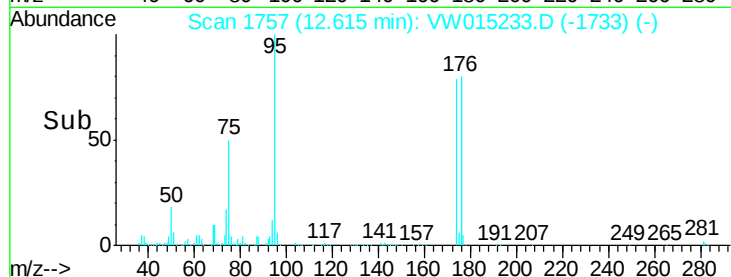
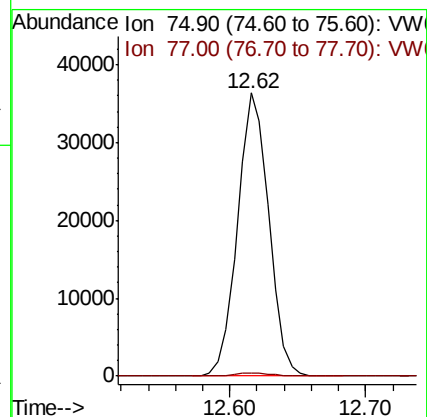
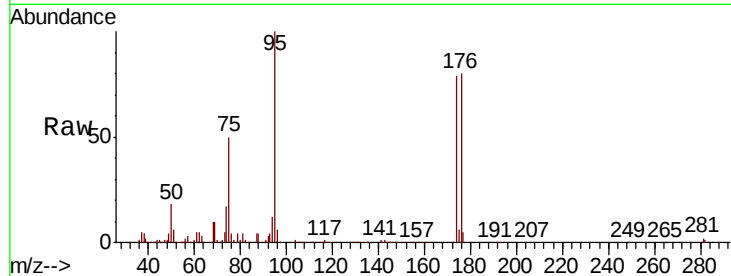
TP-2-1

Tot Ion: 75 Resp: 58120

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 151.215 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

Tgt Ion: 75 Resp: 58120

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 34.8 52.2#

