

Data File : VV013222.D
Acq On : 19 Oct 2019 00:25
Operator : SY/MD
Sample : K5404-04
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB2

Quant Time: Oct 19 06:39:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	439009	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	484981	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232733	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	188885	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.58	69	161205	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	216194	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.97	46	434651	47.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.20%
24) Chloroform-d	4.40	84	397601	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	193860	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.09	84	772240	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.12	67	244509	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	625999	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	7.66	79	71775	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.14	63	301353	38.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	171474	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	239394	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

						Qvalue
3) Chloromethane	1.25	50	6121	0.116	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2798	0.076	ug/L #	30
13) Acetone	2.23	43	11797	2.793	ug/L	77
14) Carbon disulfide	2.31	76	5949	0.059	ug/L #	83
17) Methyl tert-butyl Ether	2.80	73	20907	0.221	ug/L #	91
25) Chloroform	4.43	83	10920	0.123	ug/L	98
27) 1,2-Dichloroethane	5.18	62	49204	1.020	ug/L	98
33) Benzene	5.15	78	81522	0.417	ug/L	100
35) Methylcyclohexane	6.12	83	58653	0.755	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	26054	0.541	ug/L #	87
42) Toluene	7.43	91	109395	0.545	ug/L	100
47) Tetrachloroethene	8.02	164	11520	0.260	ug/L	95
48) 2-Hexanone	8.14	43	49324	2.621	ug/L #	88
52) Ethylbenzene	9.05	91	16989	0.081	ug/L	96
53) m,p-xylene	9.18	106	21824	0.276	ug/L	90
54) o-xylene	9.59	106	10543	0.137	ug/L	98
61) Bromoform	9.77	173	2199	0.116	ug/L	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 2019
Response via : Initial Calibration

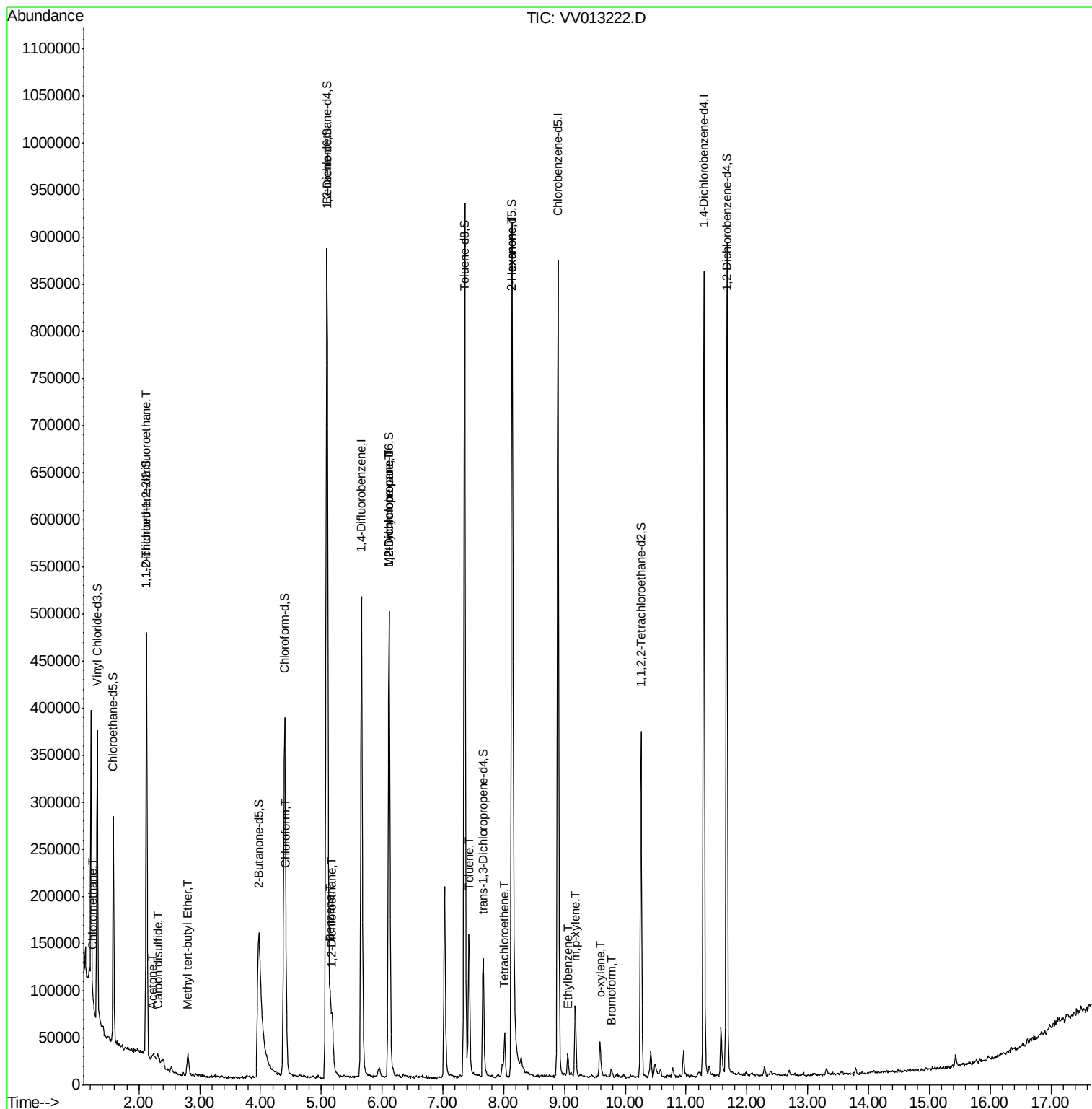
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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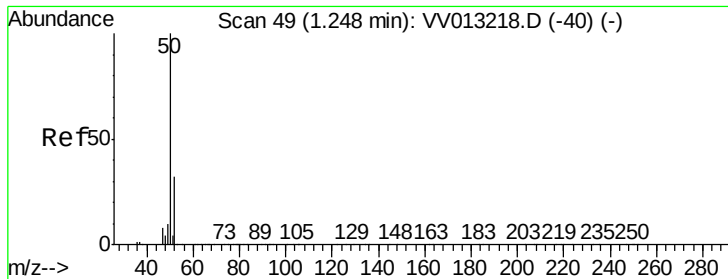
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.116 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV013222.D

Acq: 19 Oct 2019 00:25

Instrument :

MSVOA_V

ClientSampled :

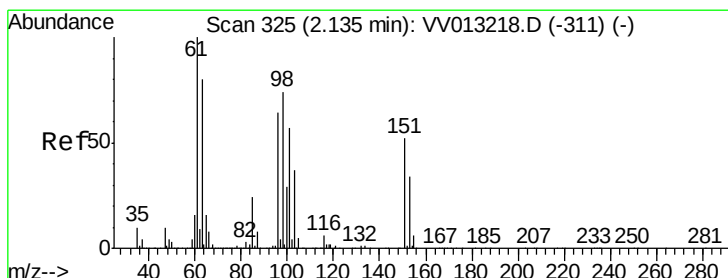
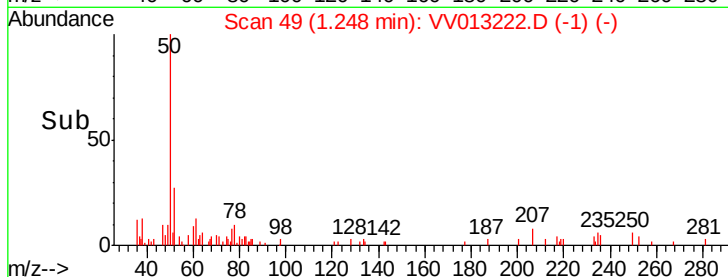
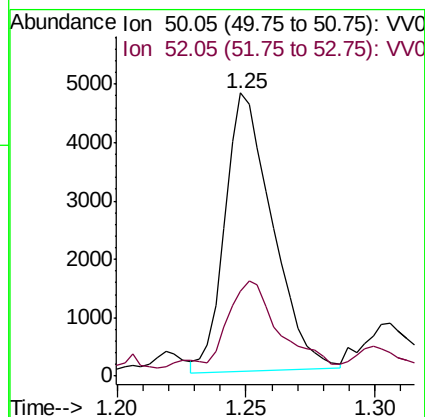
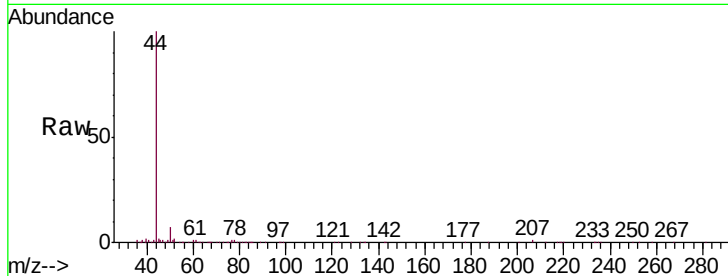
C0AB2

Tgt Ion: 50 Resp: 6121

Ion Ratio Lower Upper

50 100

52 30.2 23.0 42.8



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.076 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV013222.D

Acq: 19 Oct 2019 00:25

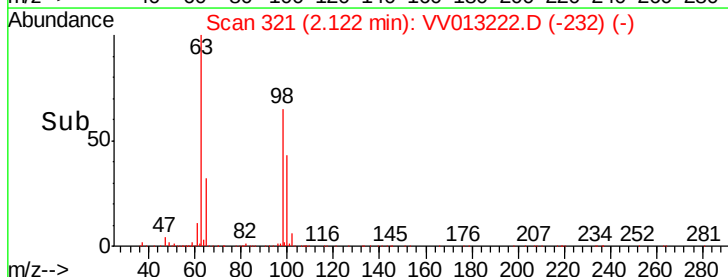
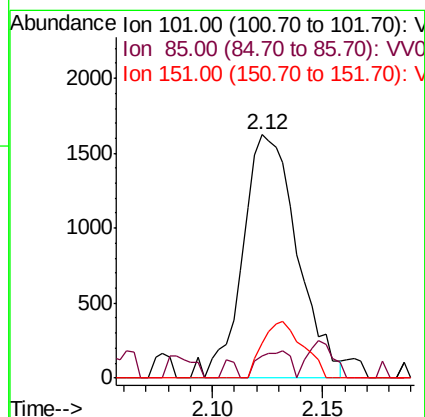
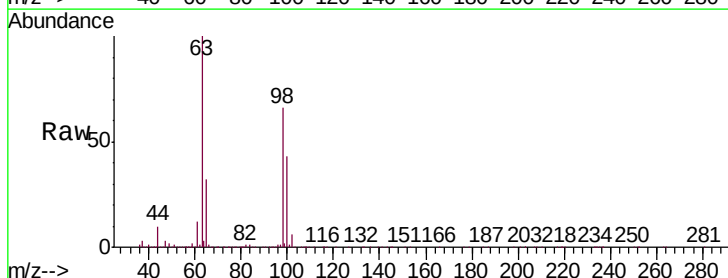
Tgt Ion: 101 Resp: 2798

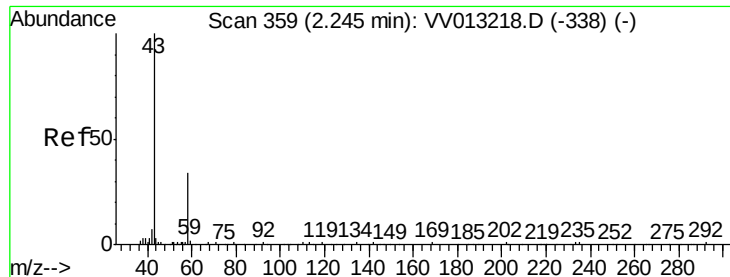
Ion Ratio Lower Upper

101 100

85 6.4 32.4 48.6#

151 17.0 71.9 107.9#





#13

Acetone

Concen: 2.793 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.02 min

Lab File: VV013222.D

Acq: 19 Oct 2019 00:25

Instrument :

MSVOA_V

ClientSampleId :

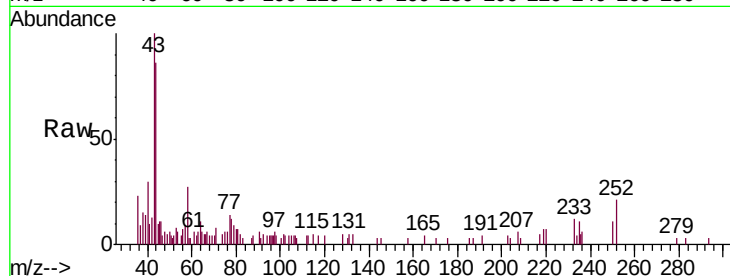
C0AB2

Tgt Ion: 43 Resp: 11797

Ion Ratio Lower Upper

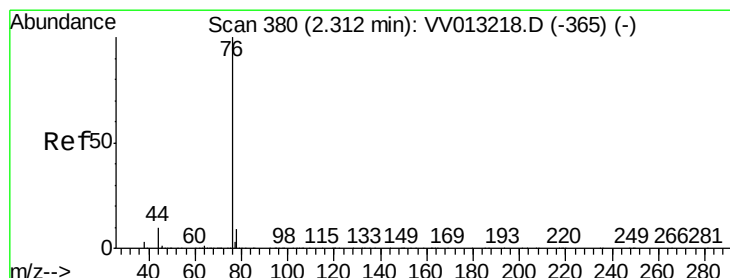
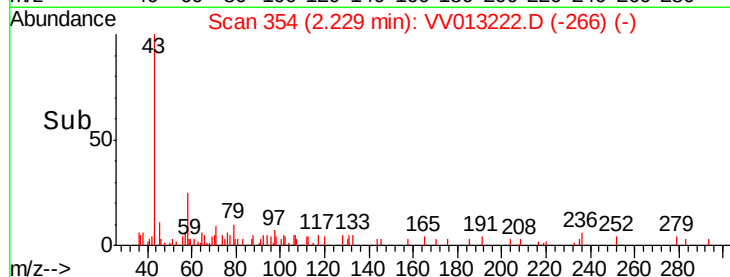
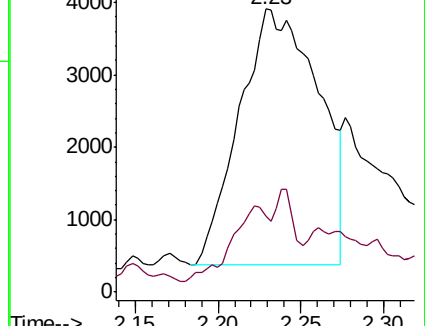
43 100

58 14.2 0.0 52.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.059 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV013222.D

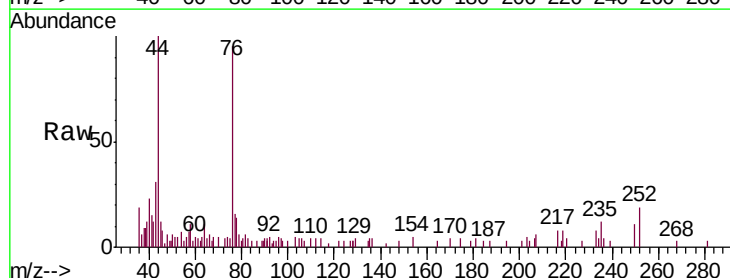
Acq: 19 Oct 2019 00:25

Tgt Ion: 76 Resp: 5949

Ion Ratio Lower Upper

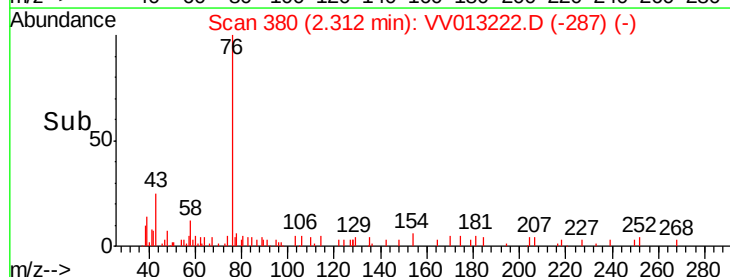
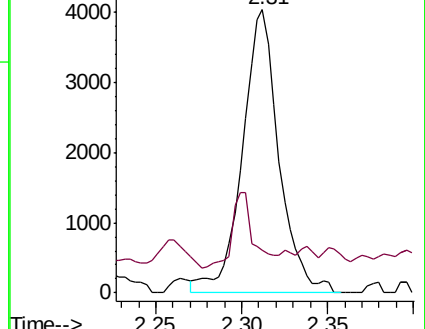
76 100

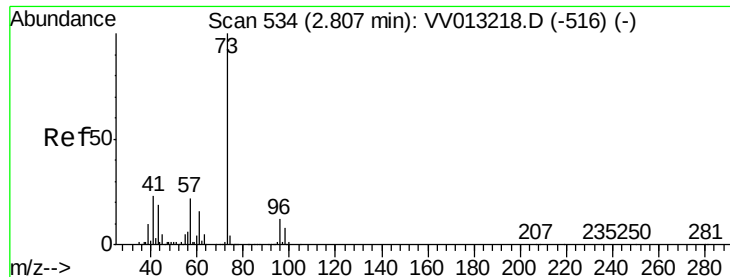
78 15.1 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

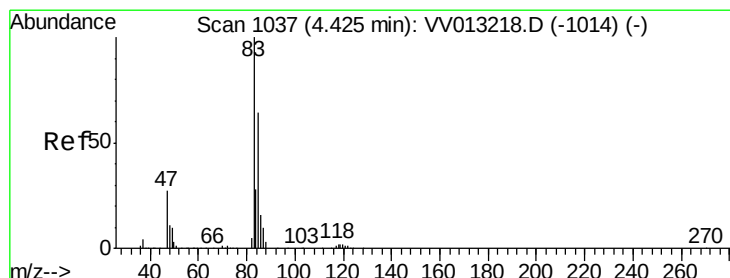
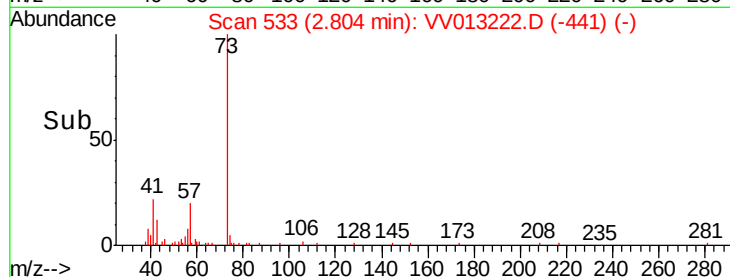
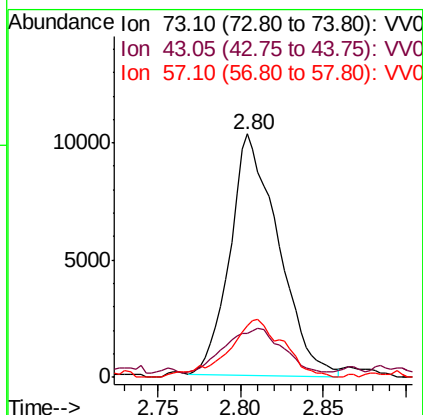
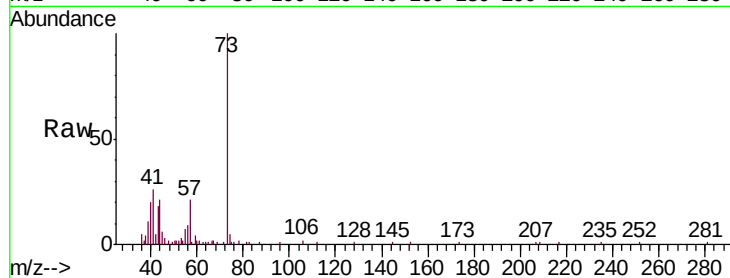




#17
Methyl tert-butyl Ether
Concen: 0.221 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

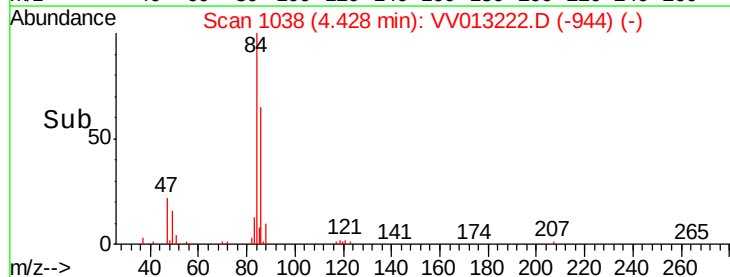
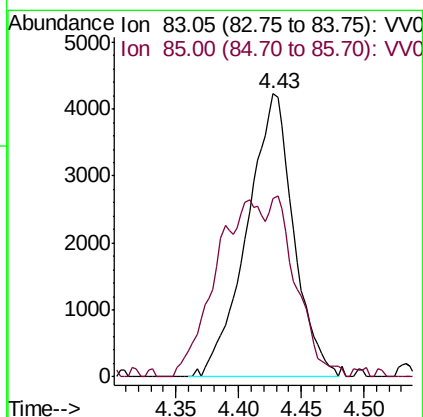
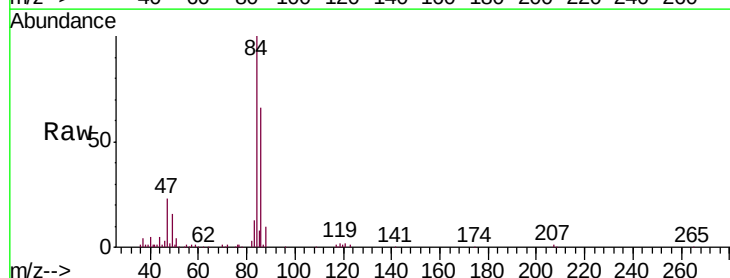
Instrument :
MSVOA_V
ClientSampleId :
C0AB2

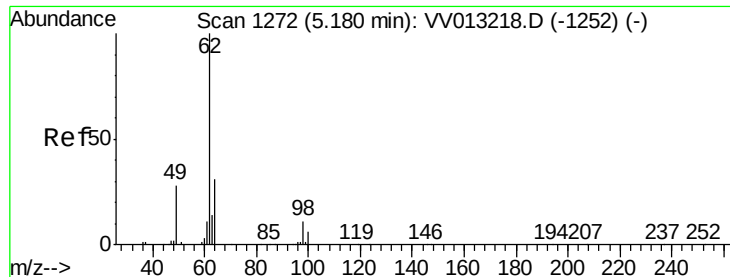
Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.3	14.6	22.0
57	27.4	17.8	26.8#



#25
Chloroform
Concen: 0.123 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.5	84.5

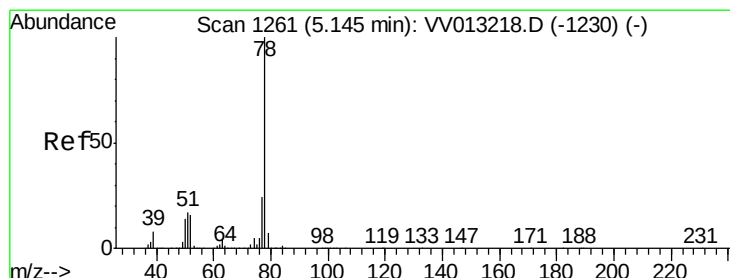
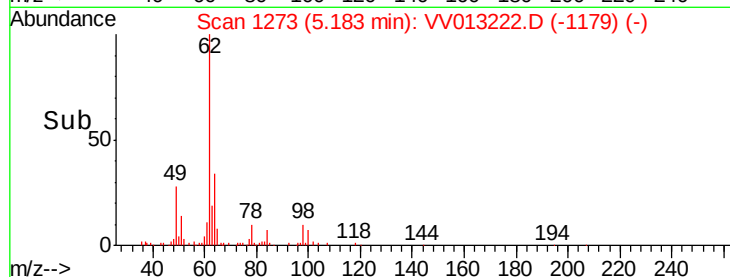
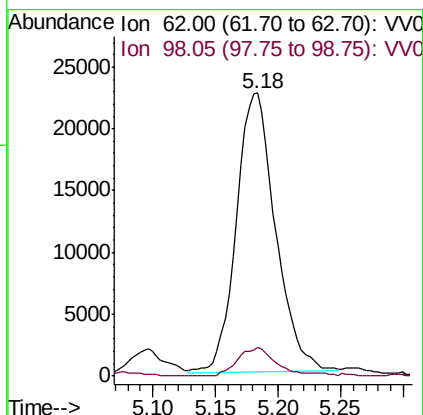
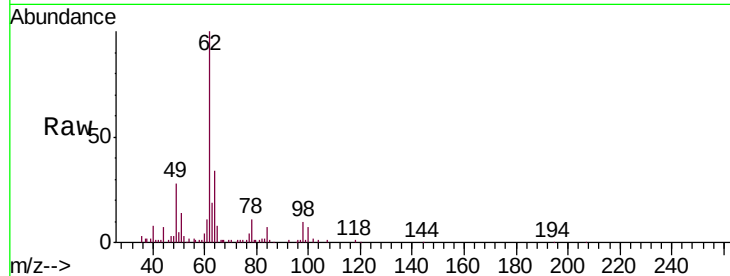




#27
 1,2-Dichloroethane
 Concen: 1.020 ug/L
 RT: 5.18 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VV013222.D
 Acq: 19 Oct 2019 00:25

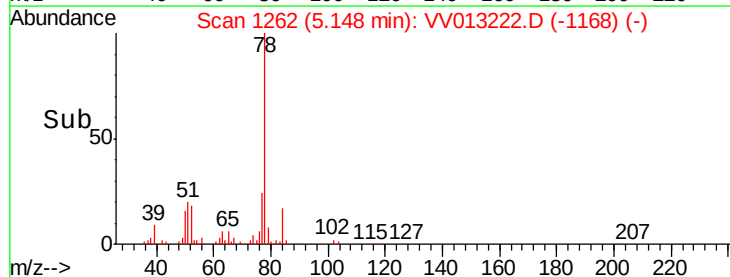
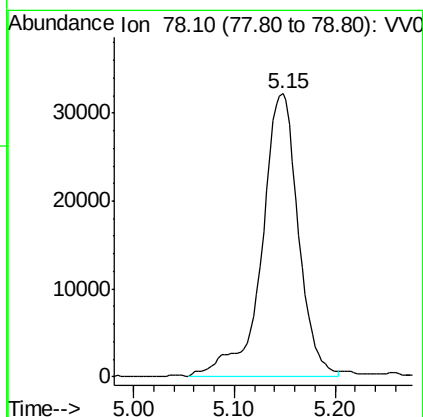
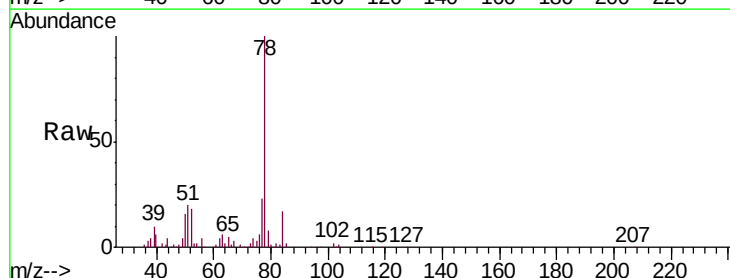
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB2

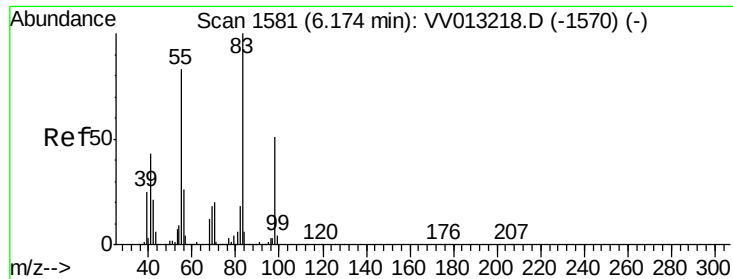
Tgt Ion: 62 Resp: 49204
 Ion Ratio Lower Upper
 62 100
 98 9.9 7.4 11.2



#33
 Benzene
 Concen: 0.417 ug/L
 RT: 5.15 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VV013222.D
 Acq: 19 Oct 2019 00:25

Tgt Ion: 78 Resp: 81522

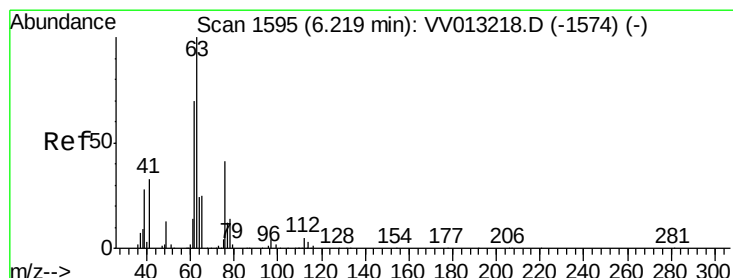
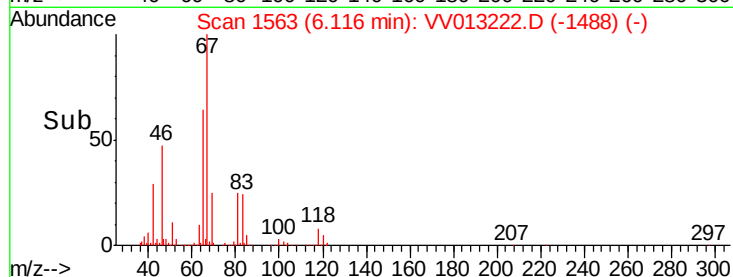
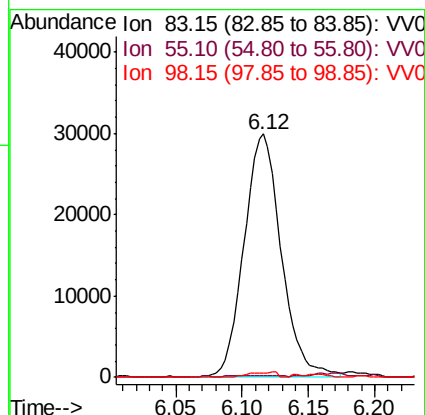
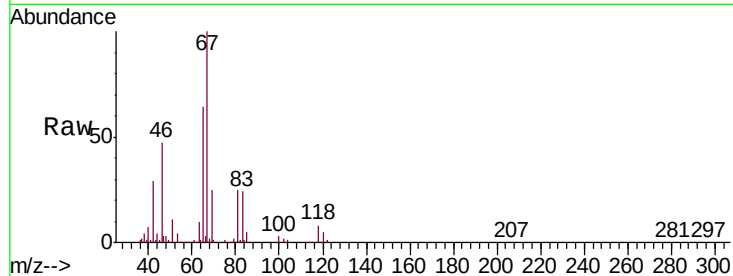




#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

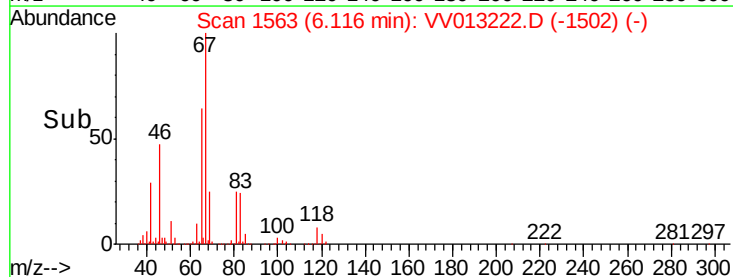
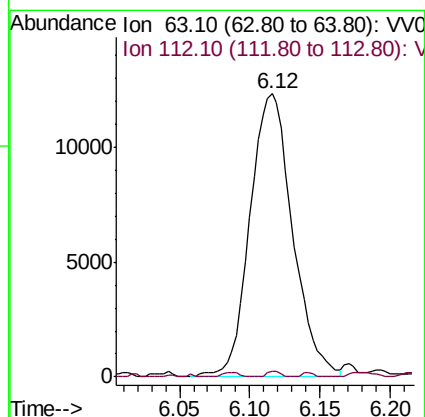
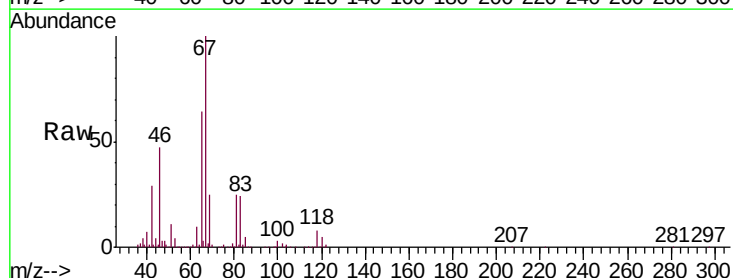
Instrument :
MSVOA_V
ClientSampleId :
C0AB2

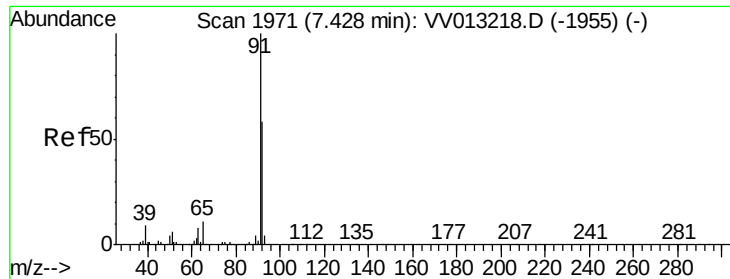
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.1	64.0	96.0#
98	1.5	38.6	57.8#



#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.8	5.8#





#42

Toluene

Concen: 0.545 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV013222.D

Acq: 19 Oct 2019 00:25

Instrument :

MSVOA_V

ClientSampleId :

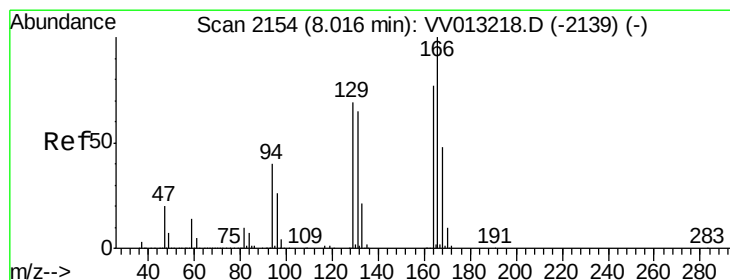
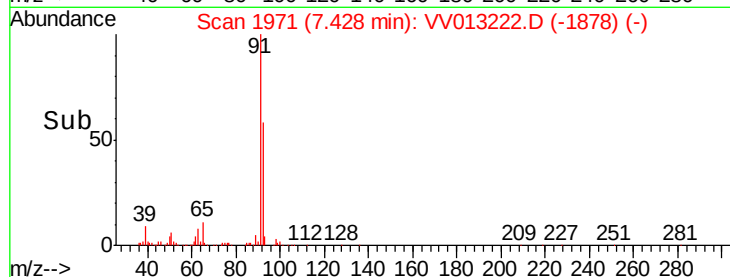
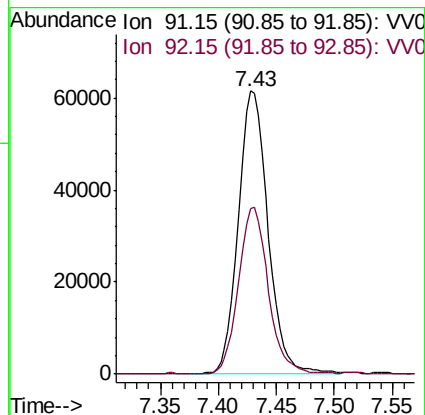
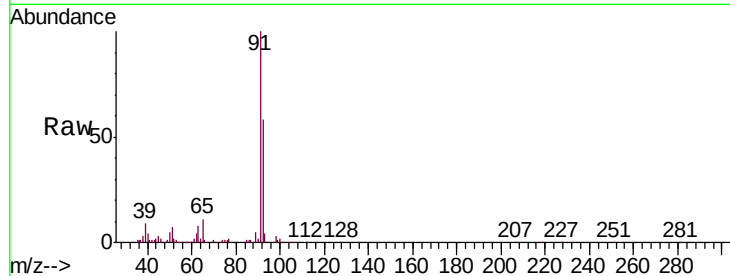
C0AB2

Tgt Ion: 91 Resp: 109395

Ion Ratio Lower Upper

91 100

92 58.5 41.2 76.4



#47

Tetrachloroethene

Concen: 0.260 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013222.D

Acq: 19 Oct 2019 00:25

Tgt Ion: 164 Resp: 11520

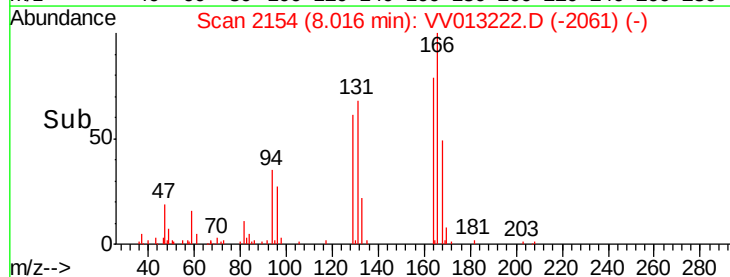
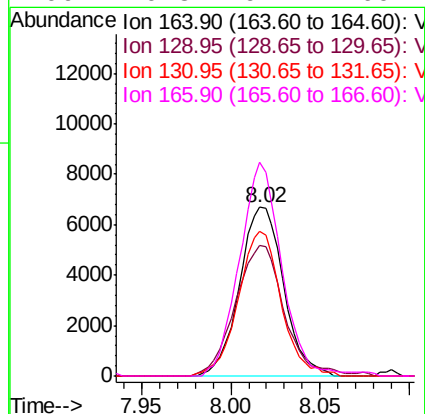
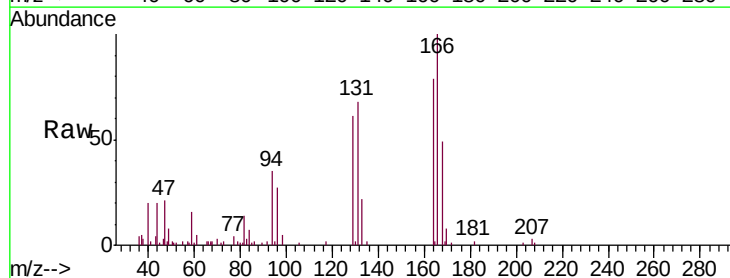
Ion Ratio Lower Upper

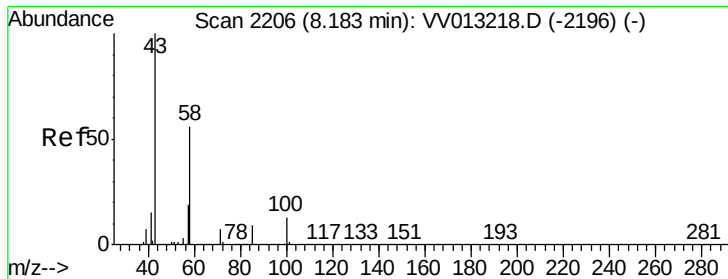
164 100

129 77.5 62.2 115.4

131 85.9 59.9 111.3

166 126.8 91.1 169.1

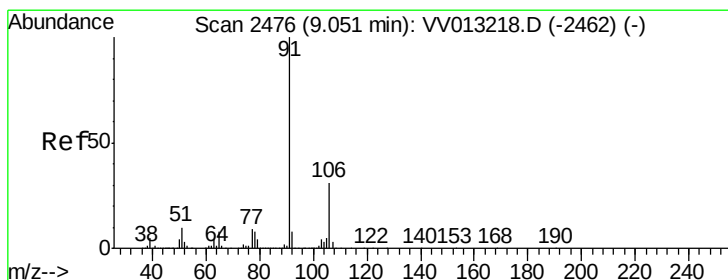
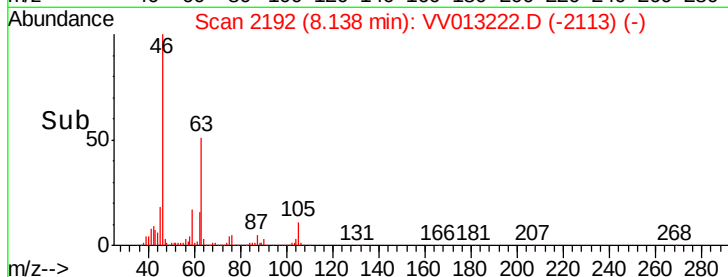
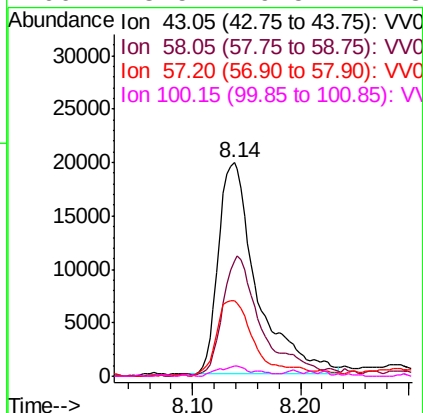
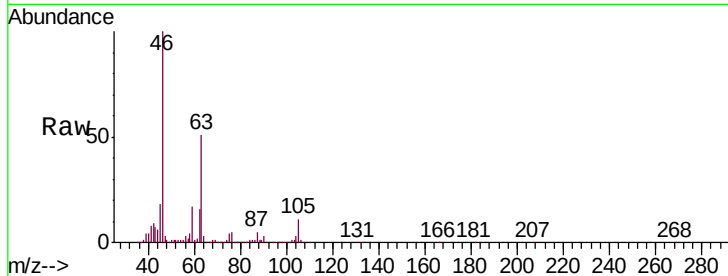




#48
2-Hexanone
Concen: 2.621 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.04 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

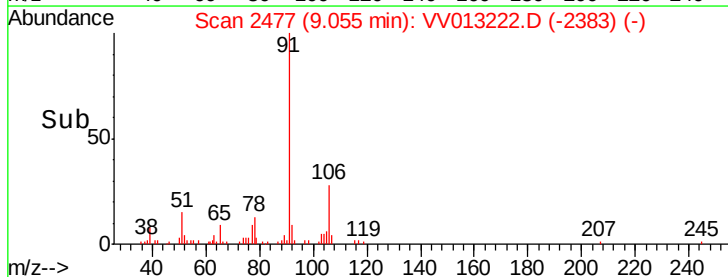
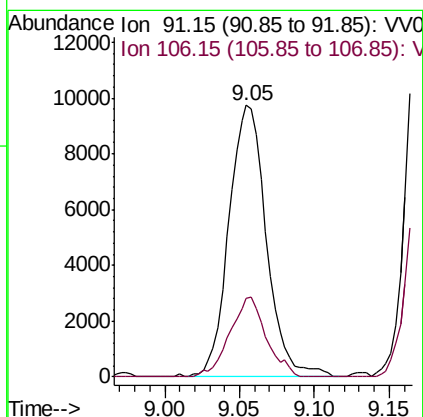
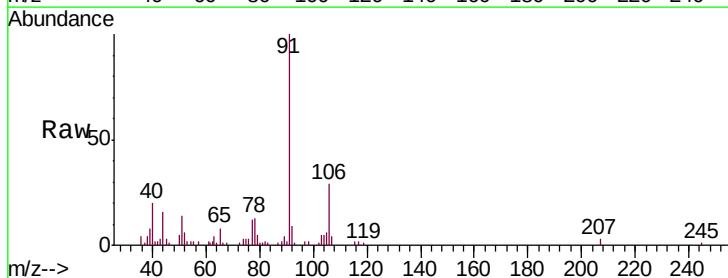
Instrument :
MSVOA_V
ClientSampleId :
C0AB2

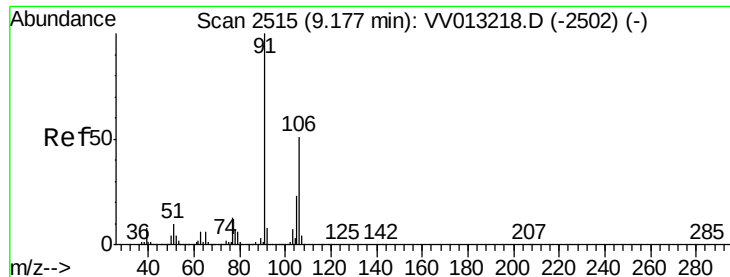
Tgt Ion:	43	Resp:	49324
Ion	Ratio	Lower	Upper
43	100		
58	55.0	44.2	66.2
57	35.8	14.5	21.7#
100	3.5	9.5	14.3#



#52
Ethylbenzene
Concen: 0.081 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Tgt Ion:	91	Resp:	16989
Ion	Ratio	Lower	Upper
91	100		
106	29.0	22.0	40.8

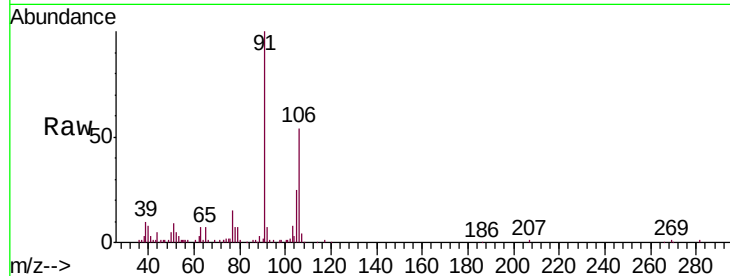




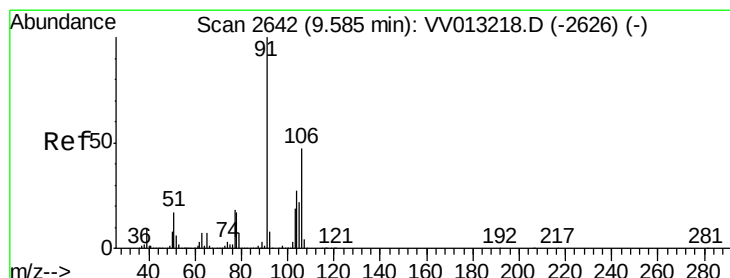
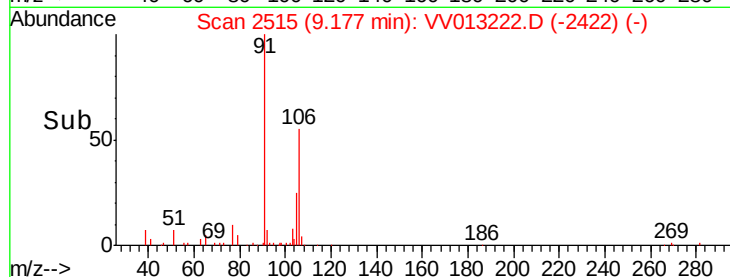
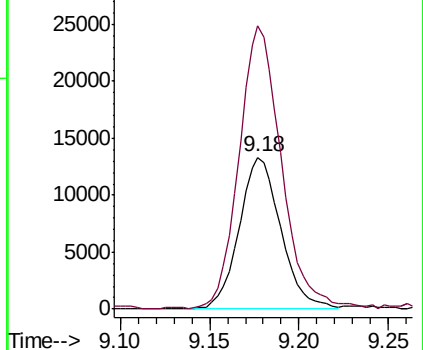
#53
m,p-xylene
Concen: 0.276 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Instrument :
MSVOA_V
ClientSampleId :
C0AB2

Tgt Ion:106 Resp: 21824
Ion Ratio Lower Upper
106 100
91 186.8 141.3 262.5

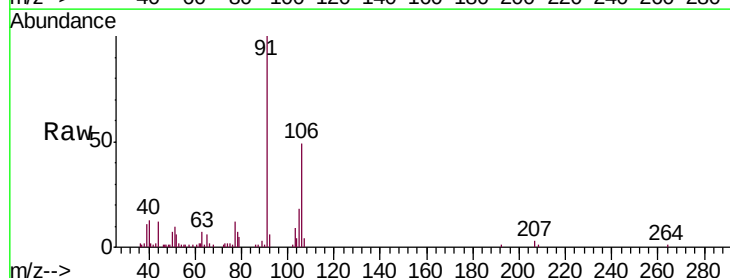


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

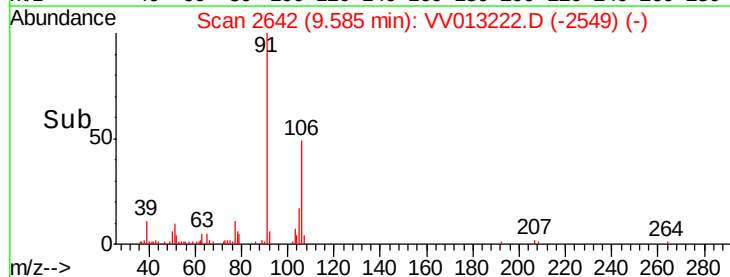
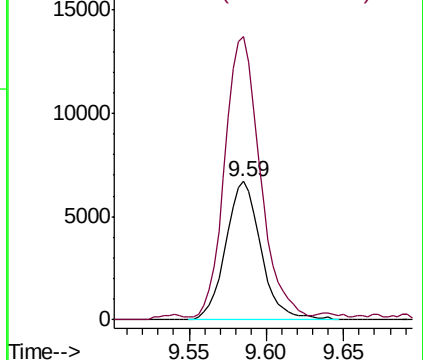


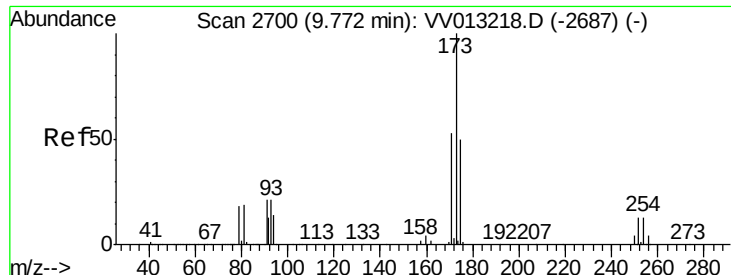
#54
o-xylene
Concen: 0.137 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Tgt Ion:106 Resp: 10543
Ion Ratio Lower Upper
106 100
91 204.9 145.3 269.9



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0





#61

Bromoform

Concen: 0.116 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV013222.D

Acq: 19 Oct 2019 00:25

Instrument :

MSVOA_V

ClientSampleId :

C0AB2

Tgt Ion:173 Resp: 2199

Ion Ratio Lower Upper

173 100

175 57.6 39.1 58.7

254 11.7 9.4 14.2

