

Data File : VV013221.D
Acq On : 19 Oct 2019 00:01
Operator : SY/MD
Sample : K5404-03
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA9

Quant Time: Oct 19 06:38:59 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	425034	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	460215	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232943	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	176699	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.58	69	150233	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.13	63	213298	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.97	46	423404	47.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.78%
24) Chloroform-d	4.40	84	372620	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	182363	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	735297	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.12	67	230788	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.36	98	599642	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	7.66	79	69825	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.14	63	304088	40.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	166954	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	236832	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

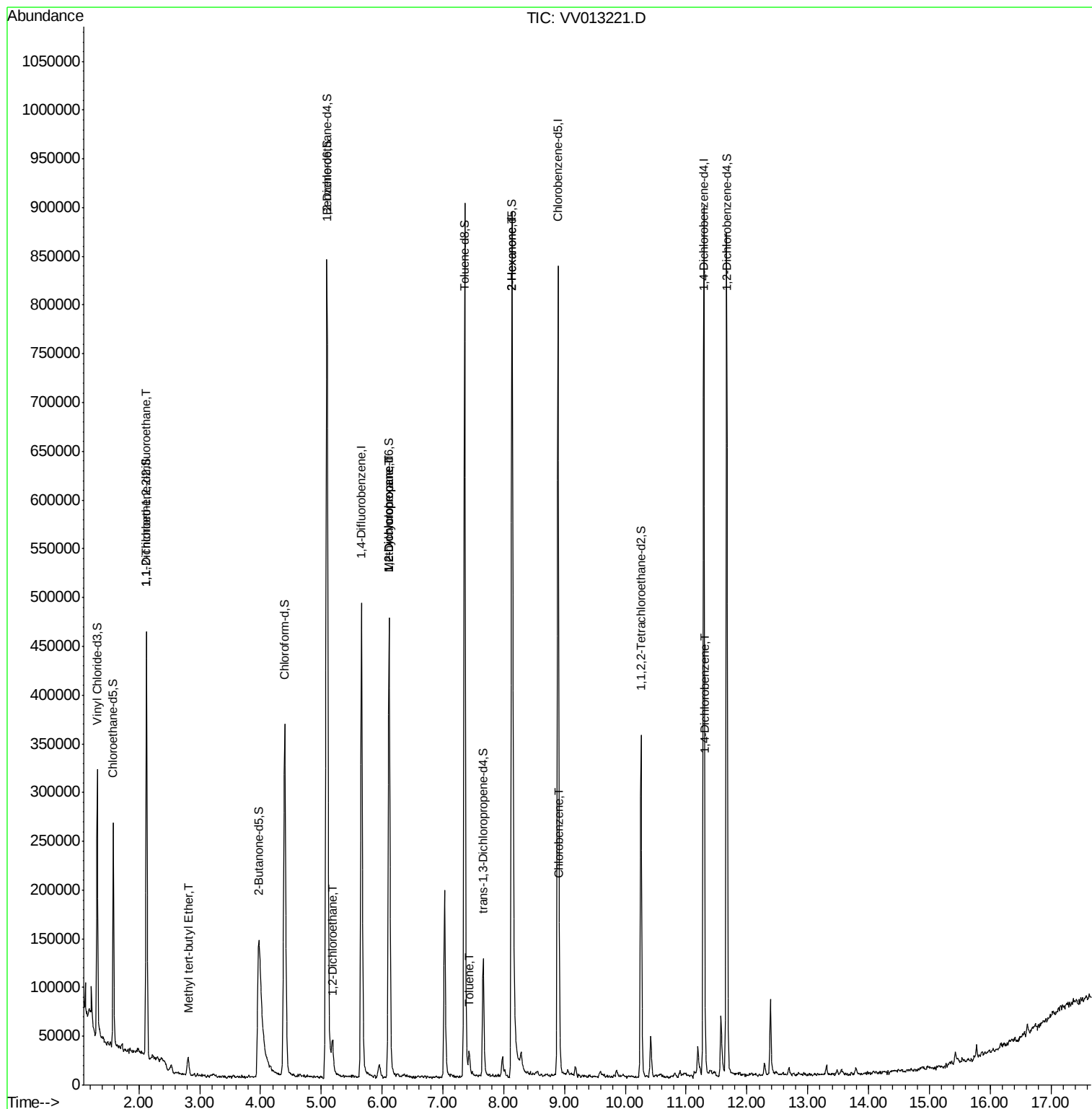
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2676	0.075	ug/L #	28
17) Methyl tert-butyl Ether	2.81	73	19966	0.218	ug/L #	88
27) 1,2-Dichloroethane	5.18	62	29296	0.627	ug/L #	92
35) Methylcyclohexane	6.11	83	53738	0.729	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	22909	0.501	ug/L #	87
42) Toluene	7.43	91	16155	0.085	ug/L	94
48) 2-Hexanone	8.14	43	47601	2.666	ug/L #	85
51) Chlorobenzene	8.92	112	10824	0.088	ug/L	93
63) 1,4-Dichlorobenzene	11.32	146	4533	0.055	ug/L #	92

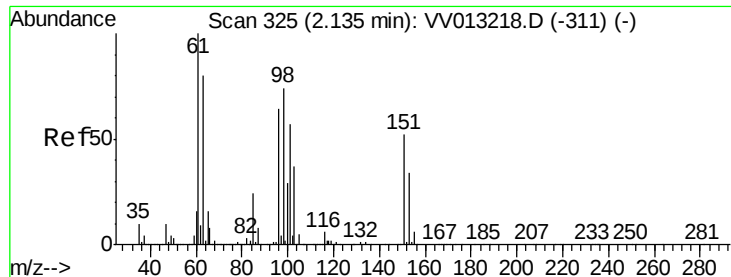
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.075 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Acq: 19 Oct 2019 00:01

Instrument :

MSVOA_V

ClientSampleId :

C0AA9

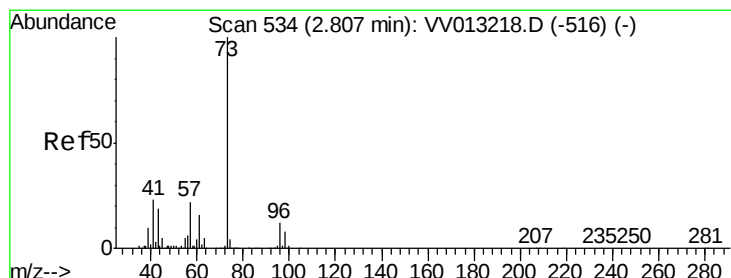
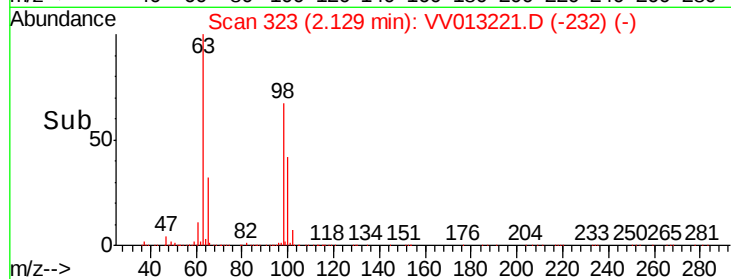
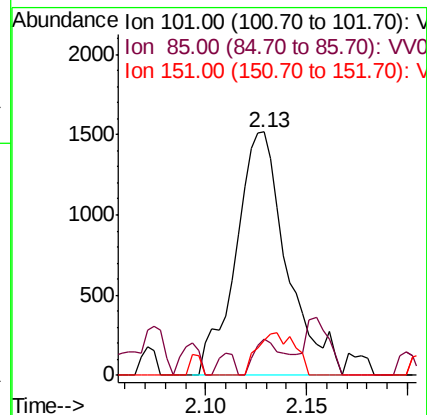
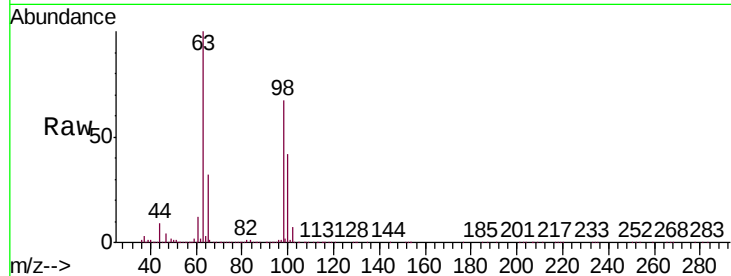
Tgt Ion: 101 Resp: 2676

Ion Ratio Lower Upper

101 100

85 9.1 32.4 48.6#

151 12.8 71.9 107.9#



#17

Methyl tert-butyl Ether

Concen: 0.218 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV013221.D

Acq: 19 Oct 2019 00:01

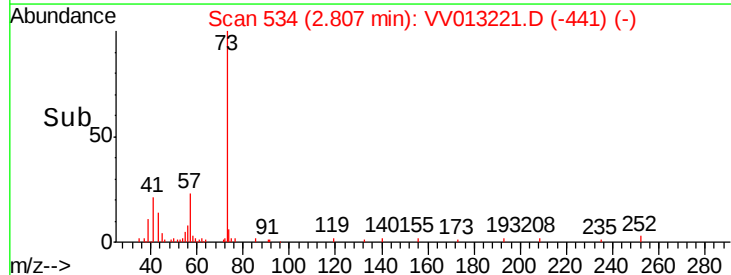
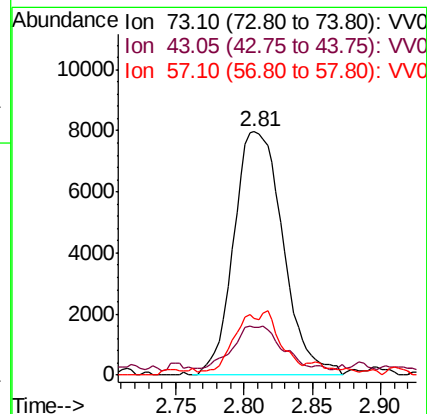
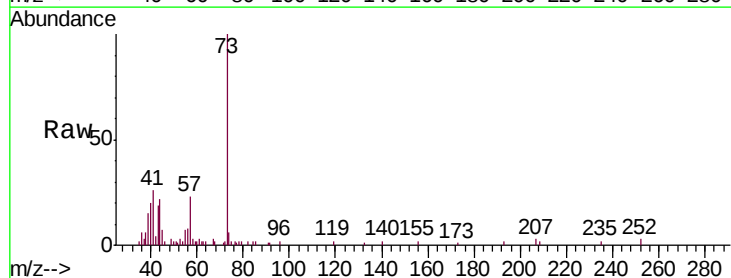
Tgt Ion: 73 Resp: 19966

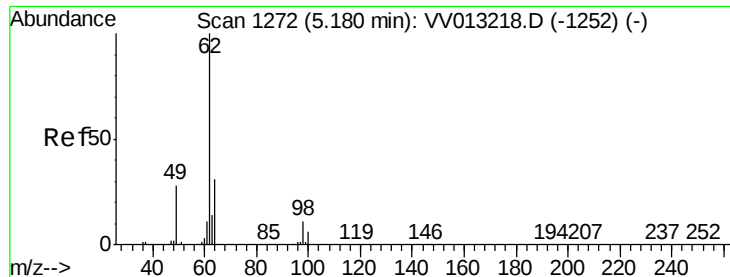
Ion Ratio Lower Upper

73 100

43 16.1 14.6 22.0

57 13.4 17.8 26.8#

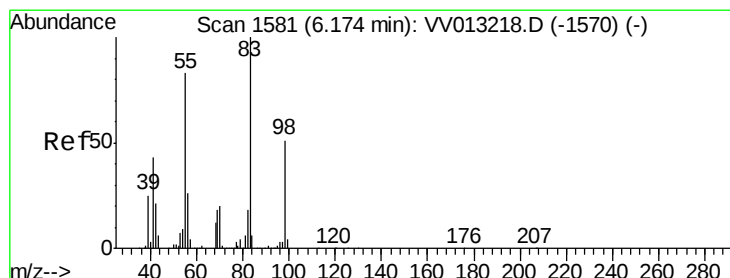
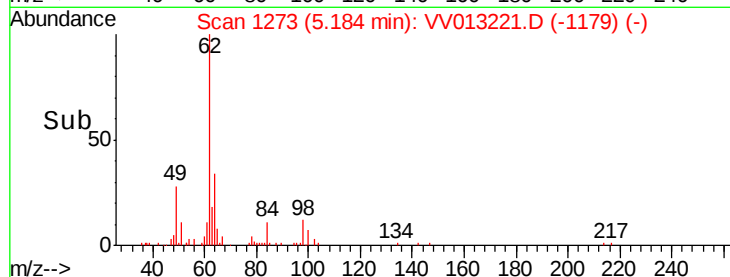
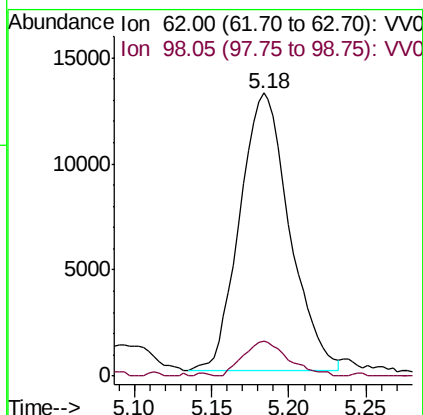
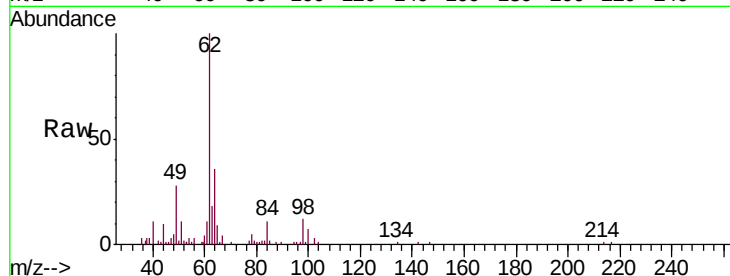




#27
 1,2-Dichloroethane
 Concen: 0.627 ug/L
 RT: 5.18 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VV013221.D
 Acq: 19 Oct 2019 00:01

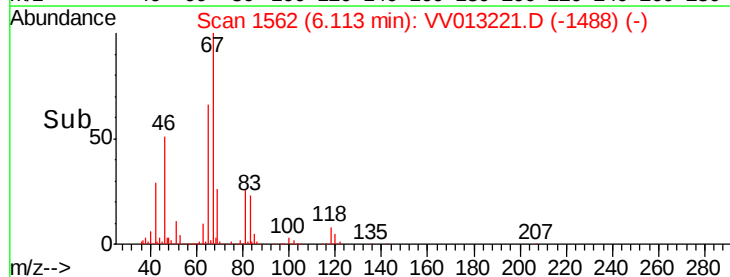
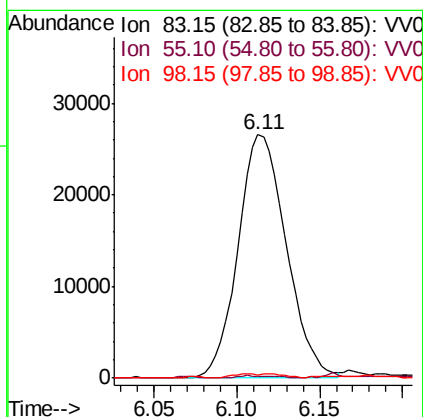
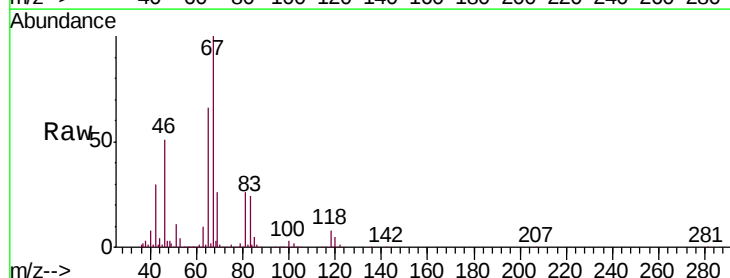
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA9

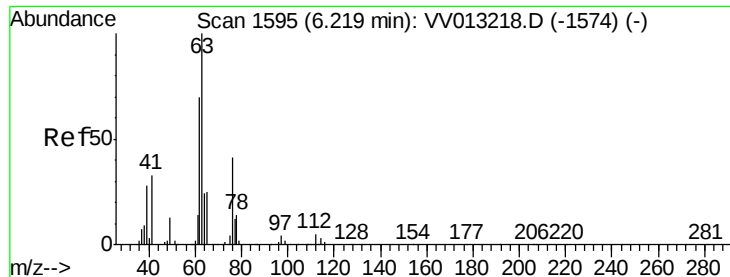
Tgt Ion: 62 Resp: 29296
 Ion Ratio Lower Upper
 62 100
 98 12.3 7.4 11.2#



#35
 Methylcyclohexane
 Concen: 0.729 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.06 min
 Lab File: VV013221.D
 Acq: 19 Oct 2019 00:01

Tgt Ion: 83 Resp: 53738
 Ion Ratio Lower Upper
 83 100
 55 0.5 64.0 96.0#
 98 0.9 38.6 57.8#





#37

1,2-Dichloropropane

Concen: 0.501 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013221.D

Acq: 19 Oct 2019 00:01

Instrument :

MSVOA_V

ClientSampleId :

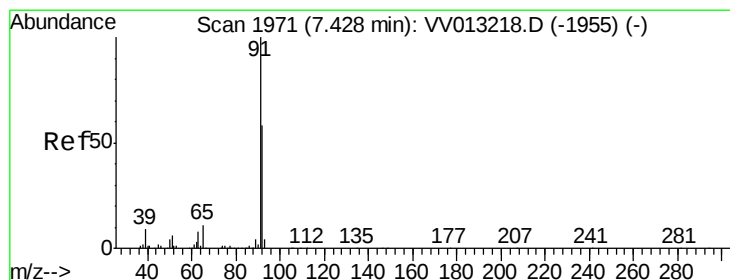
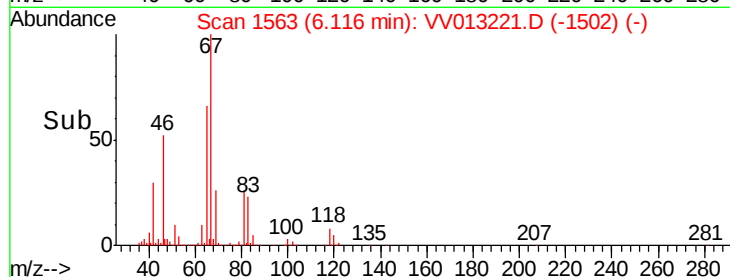
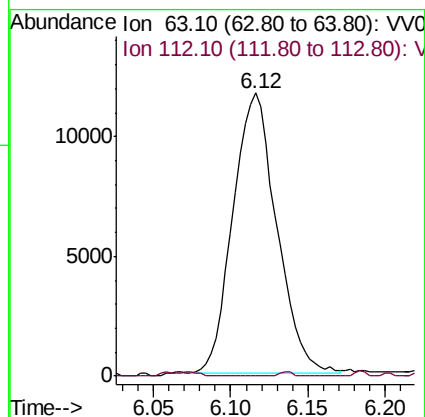
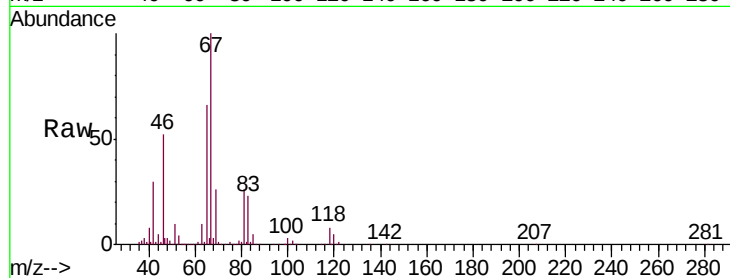
C0AA9

Tgt Ion: 63 Resp: 22909

Ion Ratio Lower Upper

63 100

112 0.4 3.8 5.8#



#42

Toluene

Concen: 0.085 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV013221.D

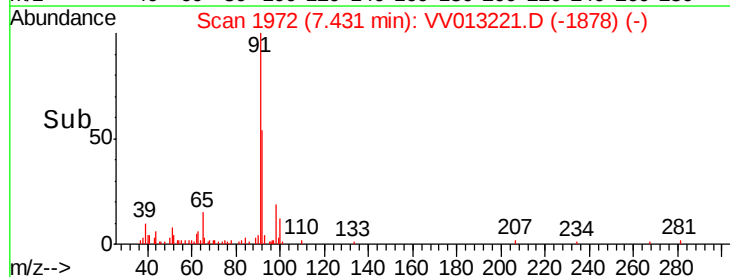
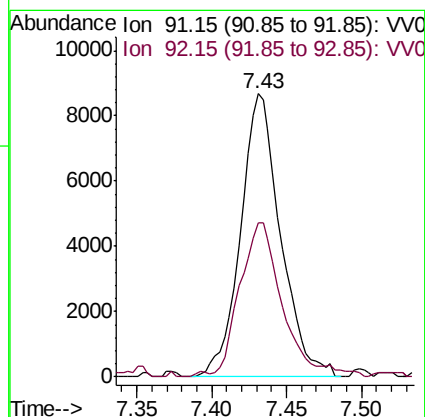
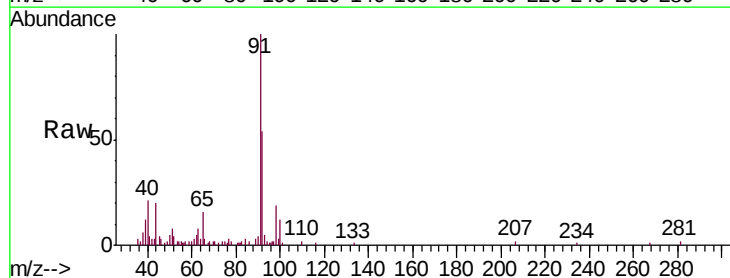
Acq: 19 Oct 2019 00:01

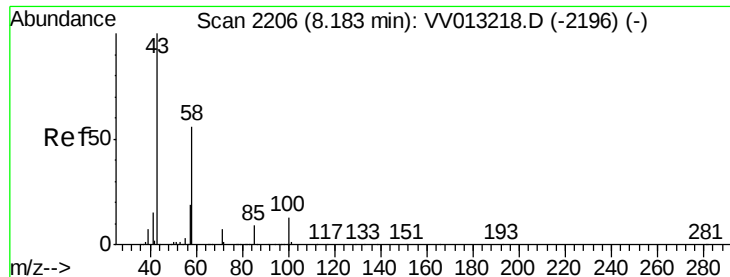
Tgt Ion: 91 Resp: 16155

Ion Ratio Lower Upper

91 100

92 54.5 41.2 76.4

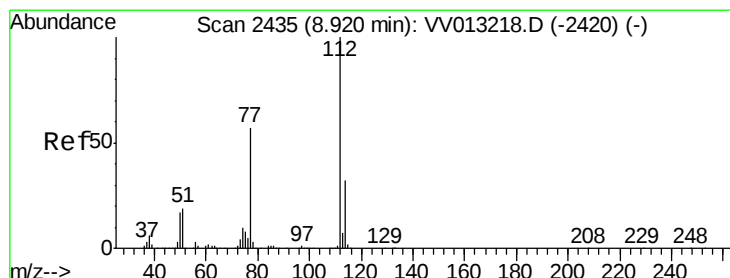
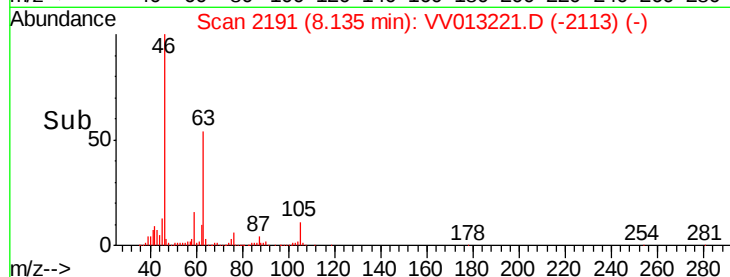
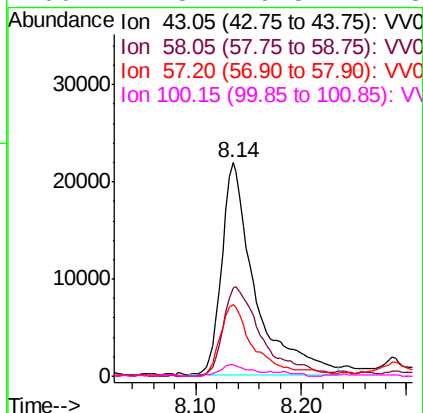
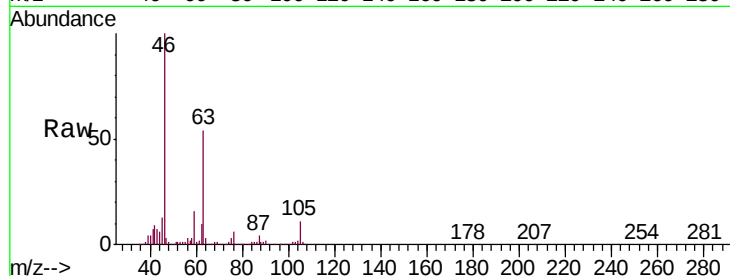




#48
2-Hexanone
Concen: 2.666 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013221.D
Acq: 19 Oct 2019 00:01

Instrument :
MSVOA_V
ClientSampleId :
C0AA9

Tgt Ion: 43 Resp: 47601
Ion Ratio Lower Upper
43 100
58 49.3 44.2 66.2
57 33.3 14.5 21.7#
100 4.8 9.5 14.3#



#51
Chlorobenzene
Concen: 0.088 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013221.D
Acq: 19 Oct 2019 00:01

Tgt Ion: 112 Resp: 10824
Ion Ratio Lower Upper
112 100
114 32.5 22.6 42.0
77 67.4 47.5 71.3

