

Data File : VV012450.D
Acq On : 30 Aug 2019 11:57
Operator : SY/MD
Sample : K4501-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANM5

Quant Time: Aug 31 00:10:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 00:07:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	213070	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	208078	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78395	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67935	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.59	69	53886	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.13	63	85753	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	3.96	46	173309	44.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.56%
24) Chloroform-d	4.40	84	134744	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.08	65	69331	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.10	84	262965	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.12	67	87509	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	219175	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	7.66	79	28533	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.14	63	114503	41.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	59894	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	73475	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

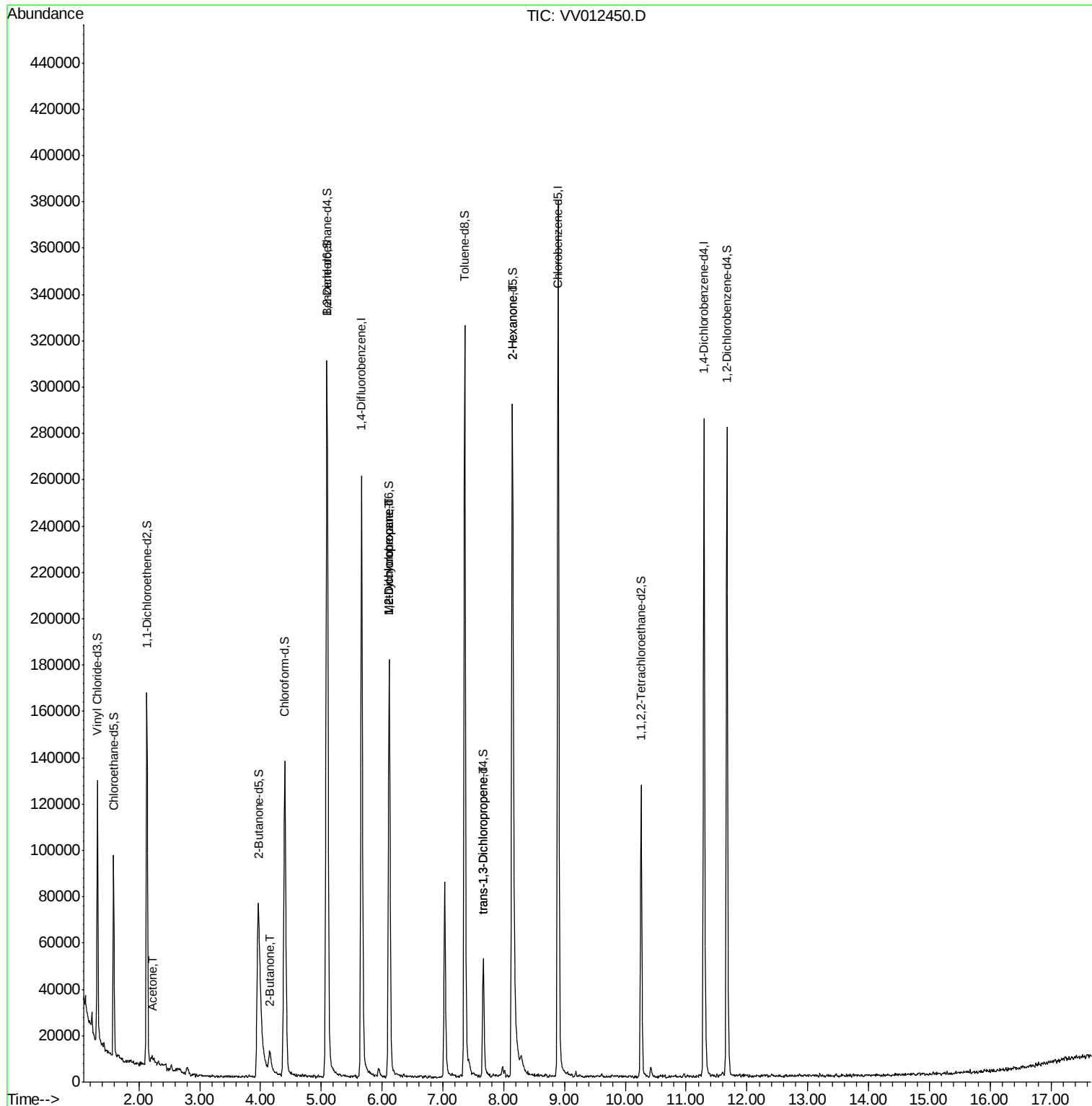
					Qvalue	
13) Acetone	2.22	43	5184	1.833	ug/L	50
21) 2-Butanone	4.15	43	14695	2.826	ug/L #	53
35) Methylcyclohexane	6.12	83	21039	0.630	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10029	0.446	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1490	0.066	ug/L #	72
48) 2-Hexanone	8.14	43	15175	1.750	ug/L #	80

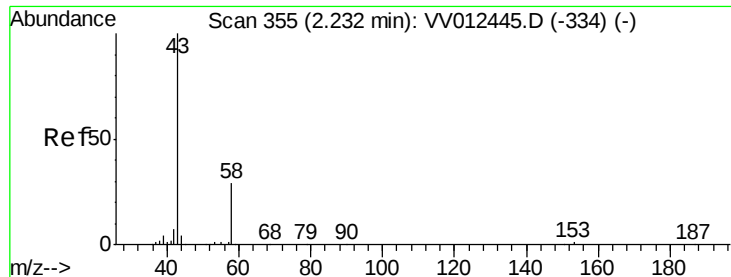
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.833 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.02 min

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Acq: 30 Aug 2019 11:57

Instrument :

MSVOA_V

ClientSampleId :

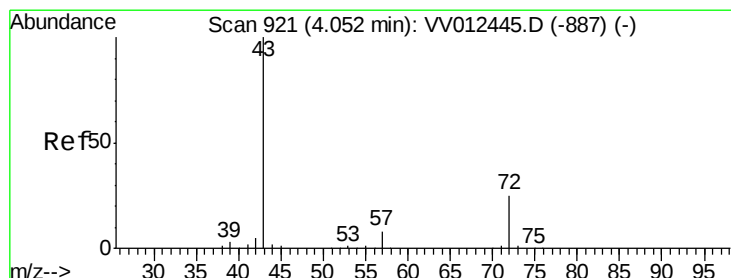
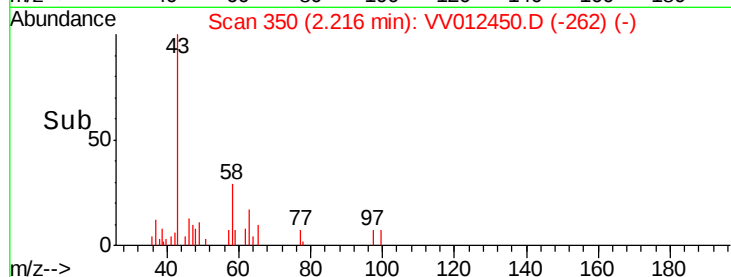
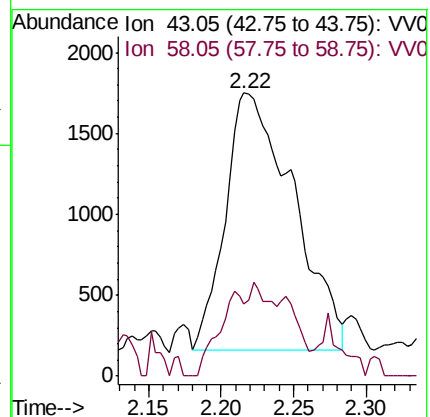
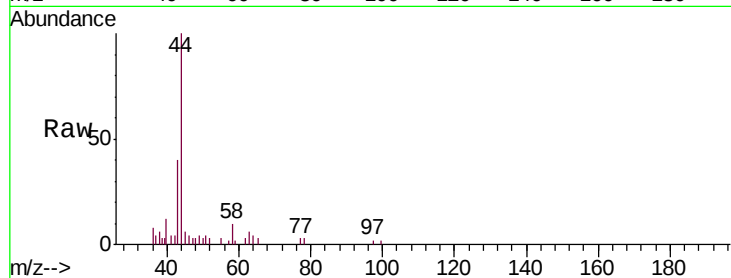
GANM5

Tgt Ion: 43 Resp: 5184

Ion Ratio Lower Upper

43 100

58 2.2 0.0 56.8



#21

2-Butanone

Concen: 2.826 ug/L

RT: 4.15 min Scan# 953

Delta R.T. 0.10 min

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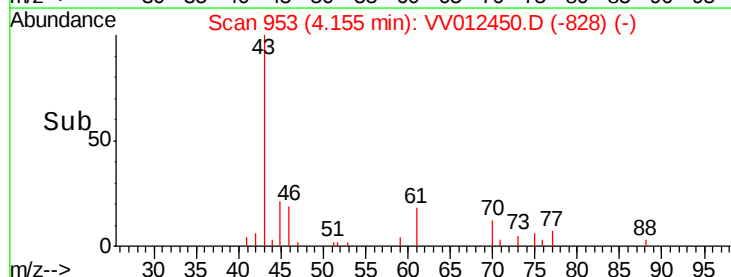
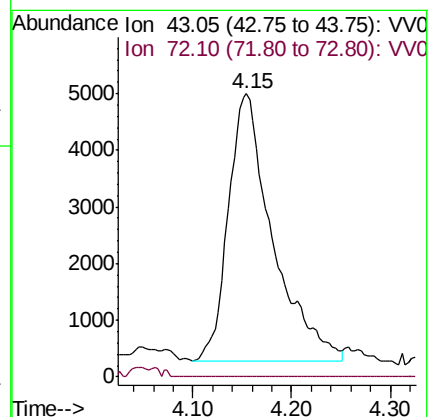
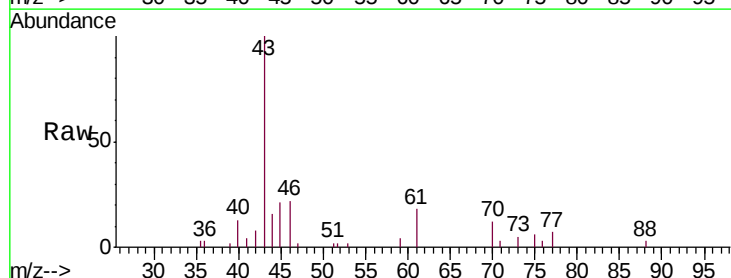
Acq: 30 Aug 2019 11:57

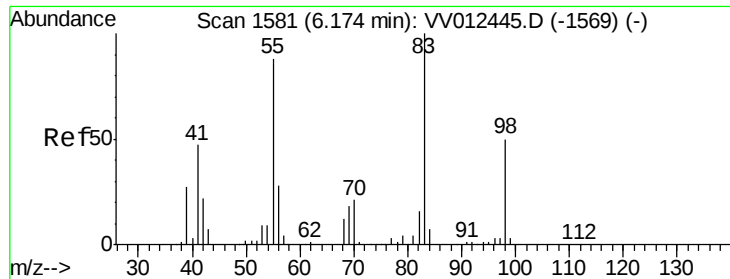
Tgt Ion: 43 Resp: 14695

Ion Ratio Lower Upper

43 100

72 0.3 11.8 35.3#

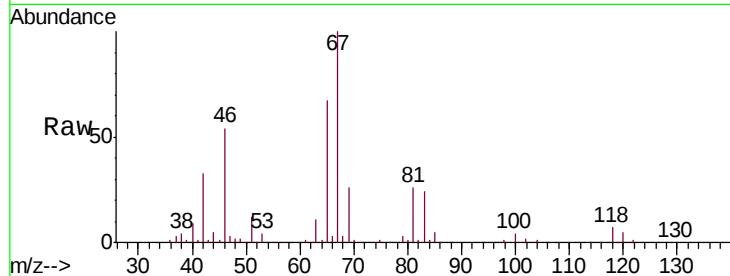




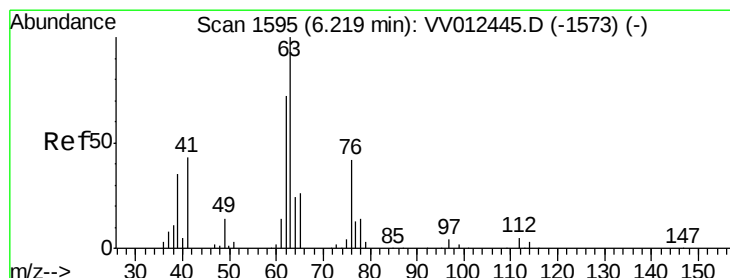
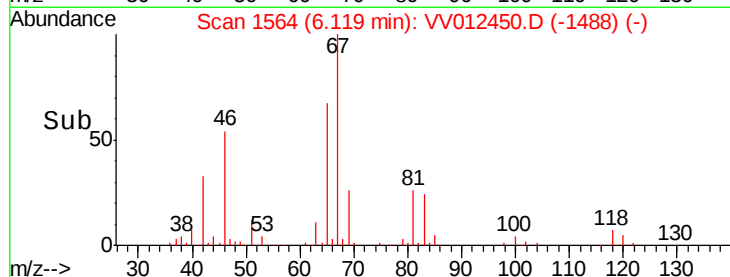
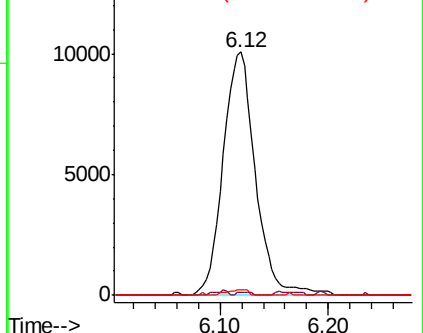
#35
Methylcyclohexane
Concen: 0.630 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012450.D
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Instrument :
MSVOA_V
ClientSampleId :
GANM5

Tgt Ion: 83 Resp: 21039
Ion Ratio Lower Upper
83 100
55 0.6 67.8 101.6#
98 1.4 39.2 58.8#

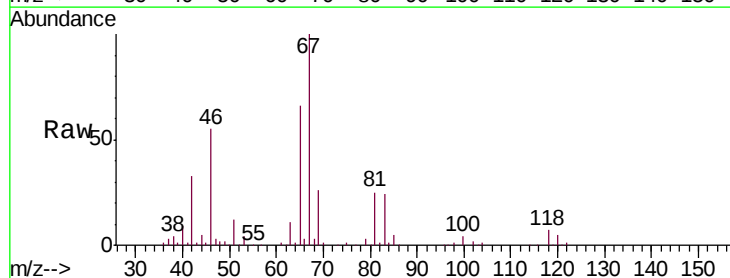


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

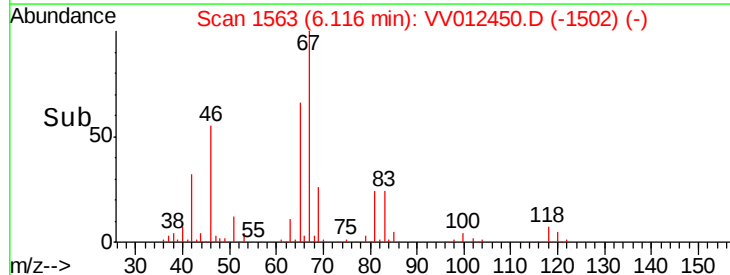
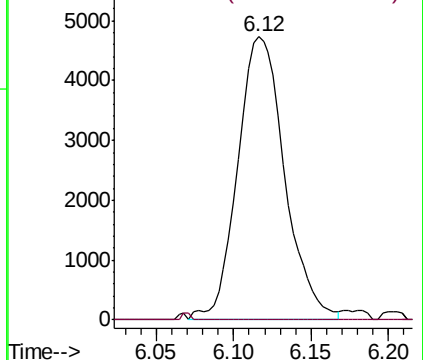


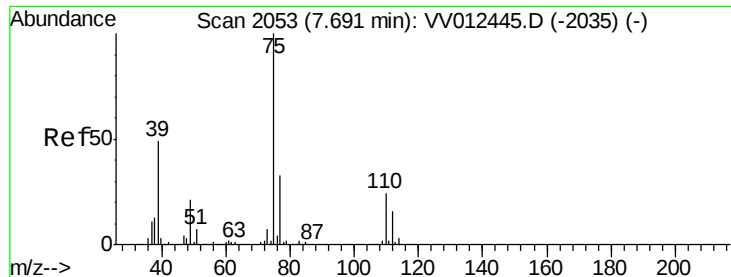
#37
1,2-Dichloropropane
Concen: 0.446 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012450.D
Acq: 30 Aug 2019 11:57

Tgt Ion: 63 Resp: 10029
Ion Ratio Lower Upper
63 100
112 0.5 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012450.D

Acq: 30 Aug 2019 11:57

Instrument :

MSVOA_V

ClientSampleId :

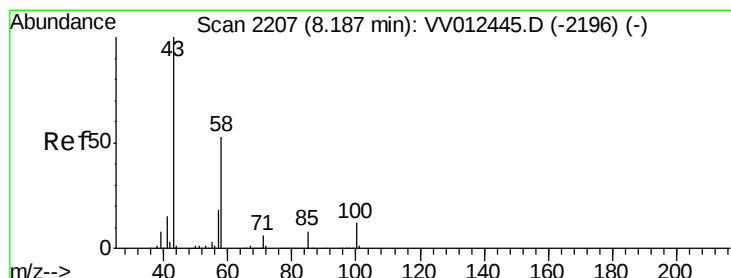
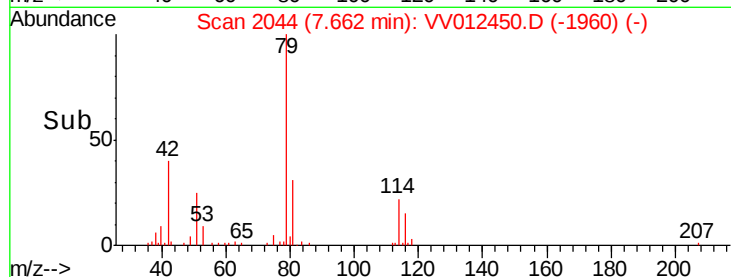
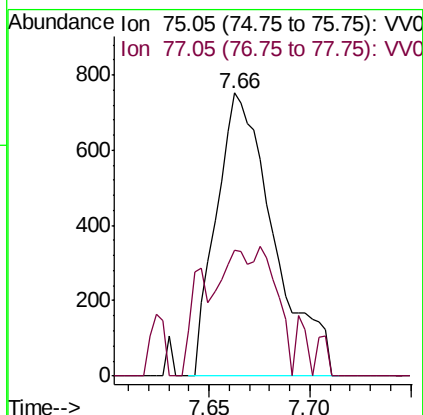
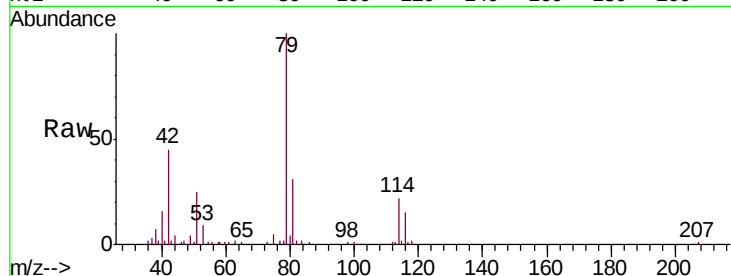
GANM5

Tgt Ion: 75 Resp: 1490

Ion Ratio Lower Upper

75 100

77 44.5 20.6 38.4#



#48

2-Hexanone

Concen: 1.750 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.04 min

Lab File: VV012450.D

Acq: 30 Aug 2019 11:57

Tgt Ion: 43 Resp: 15175

Ion Ratio Lower Upper

43 100

58 44.9 43.6 65.4

57 36.3 14.2 21.2#

100 4.2 8.9 13.3#

