

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
 Data File : VU032863.D
 Acq On : 19 Jun 2019 17:17
 Operator : JC/SP
 Sample : K3413-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALG6

Quant Time: Jun 20 07:54:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 07:24:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	98928	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	94820	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50818	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29578	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.68	69	25283	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.27	63	48744	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.19	46	104285	58.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.18%
24) Chloroform-d	4.64	84	62877	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.30	65	35910	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	5.33	84	123460	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.32	67	39267	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.56	98	117808	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
43) trans-1,3-Dichloropropene-	7.85	79	16070	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.31	63	81350	52.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34061	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	47687	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

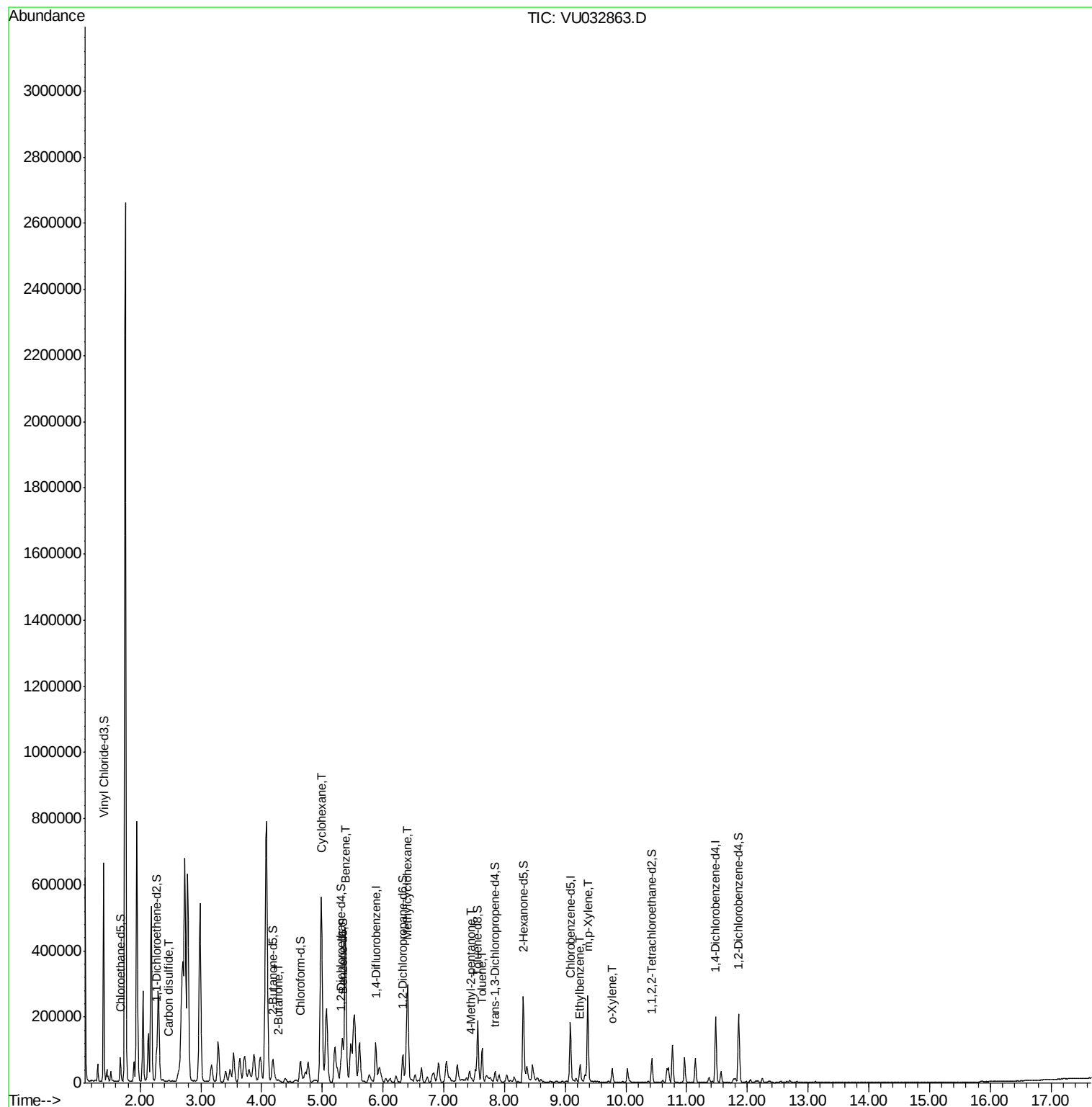
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.47	76	2269	0.113	ug/L #	69
21) 2-Butanone	4.28	43	9340	4.609	ug/L	98
30) Cyclohexane	4.98	56	281038	23.013	ug/L	95
33) Benzene	5.38	78	435934	15.593	ug/L	100
35) Methylcyclohexane	6.41	83	113093	8.744	ug/L #	86
40) 4-Methyl-2-pentanone	7.46	43	6555	1.273	ug/L #	89
42) Toluene	7.63	91	70630	2.267	ug/L	98
52) Ethylbenzene	9.24	91	35497	1.034	ug/L	100
53) m,p-Xylene	9.37	106	68971	5.298	ug/L	95
54) o-Xylene	9.77	106	10798	0.831	ug/L	98

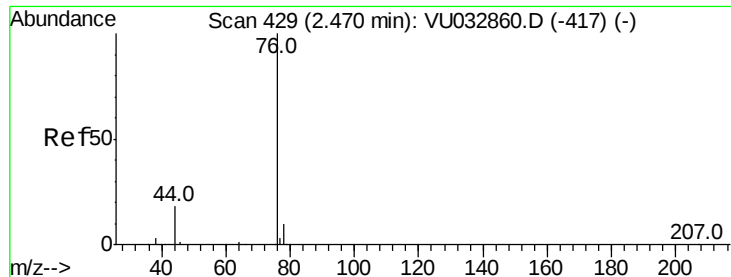
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032863.D
Acq On : 19 Jun 2019 17:17
Operator : JC/SP
Sample : K3413-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALG6

Quant Time: Jun 20 07:54:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 07:24:34 2019
Response via : Initial Calibration

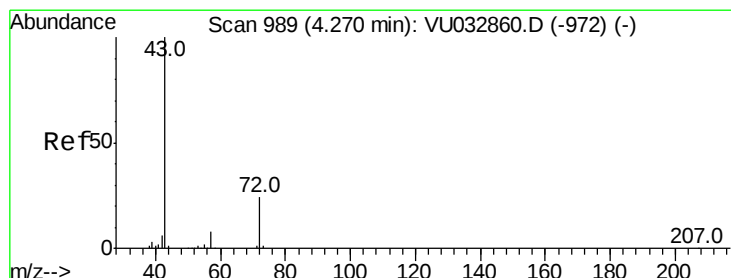
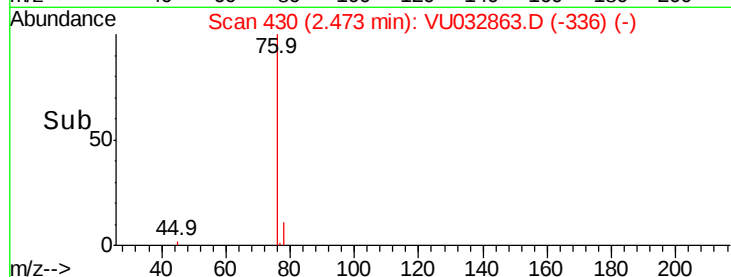
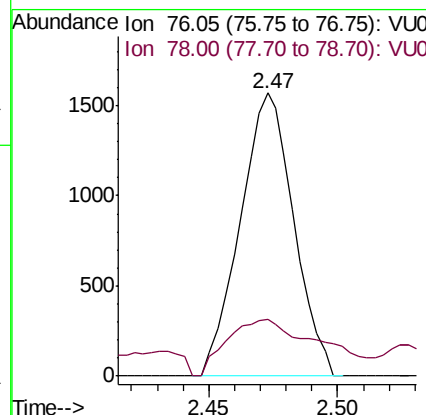
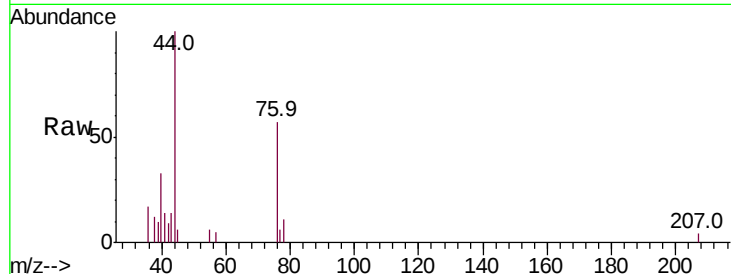




#14
Carbon disulfide
Concen: 0.113 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU032863.D
Acq: 19 Jun 2019 17:17

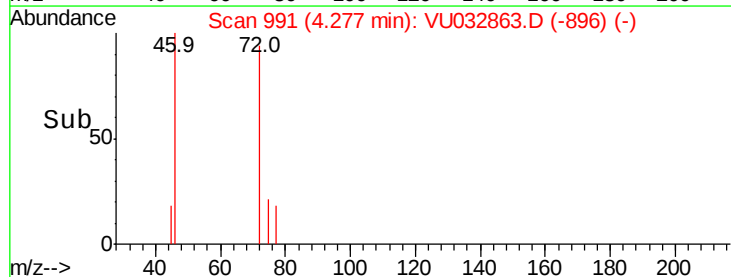
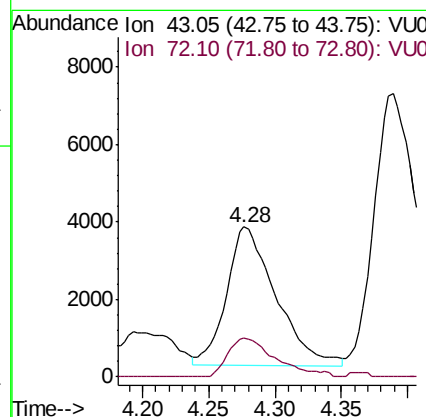
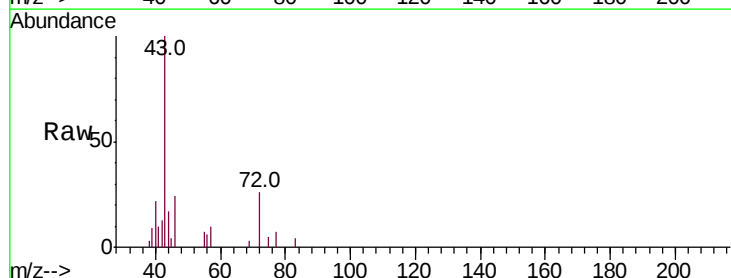
Instrument :
MSVOA_U
ClientSampleId :
GALG6

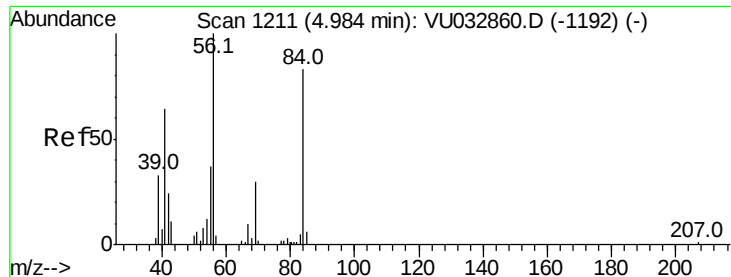
Tot Ion: 76 Resp: 2269
Ion Ratio Lower Upper
76 100
78 20.2 7.3 10.9#



#21
2-Butanone
Concen: 4.609 ug/L
RT: 4.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VU032863.D
Acq: 19 Jun 2019 17:17

Tgt Ion: 43 Resp: 9340
Ion Ratio Lower Upper
43 100
72 27.1 13.1 39.3

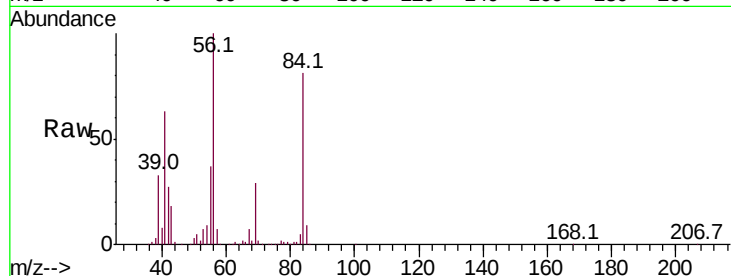




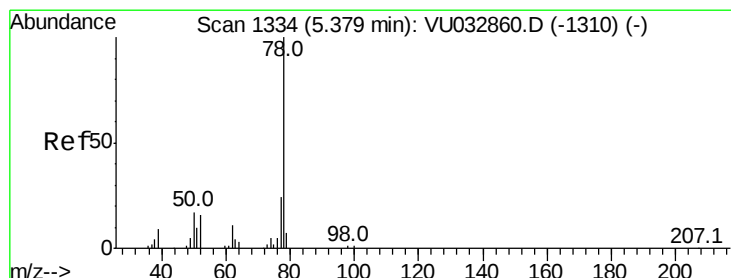
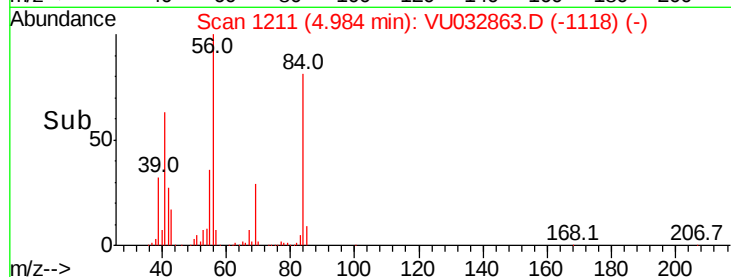
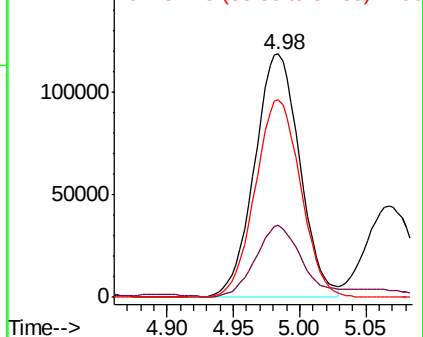
#30
Cyclohexane
Concen: 23.013 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU032863.D
Acq: 19 Jun 2019 17:17

Instrument :
MSVOA_U
ClientSampled :
GALG6

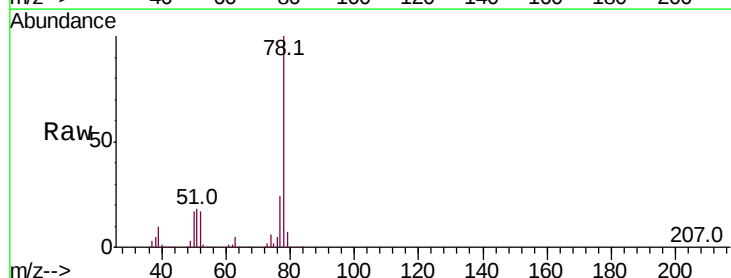
Tot Ion: 56 Resp: 281038
Ion Ratio Lower Upper
56 100
69 30.5 24.9 37.3
84 82.1 70.2 105.2



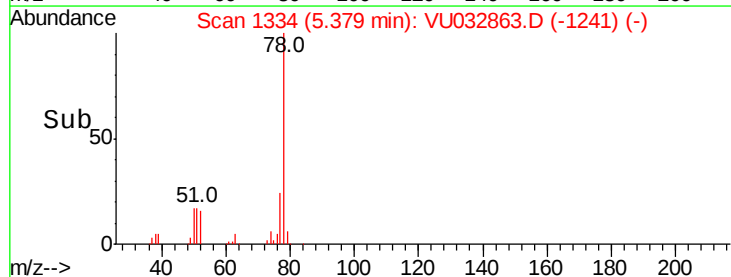
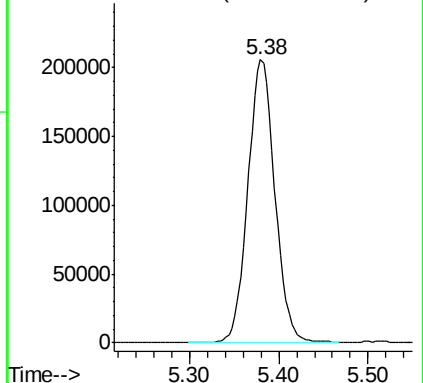
Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

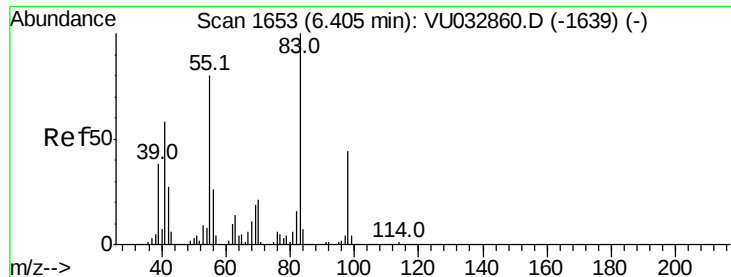


#33
Benzene
Concen: 15.593 ug/L
RT: 5.38 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VU032863.D
Acq: 19 Jun 2019 17:17
Tgt Ion: 78 Resp: 435934



Abundance Ion 78.10 (77.80 to 78.80): VU0

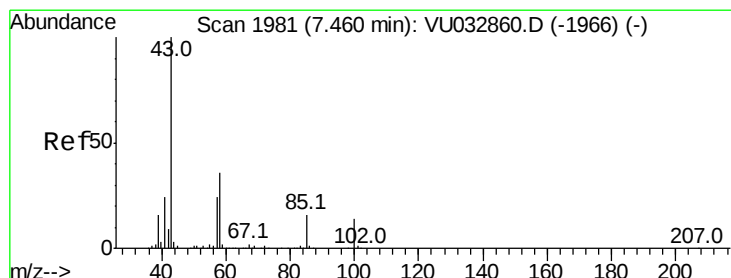
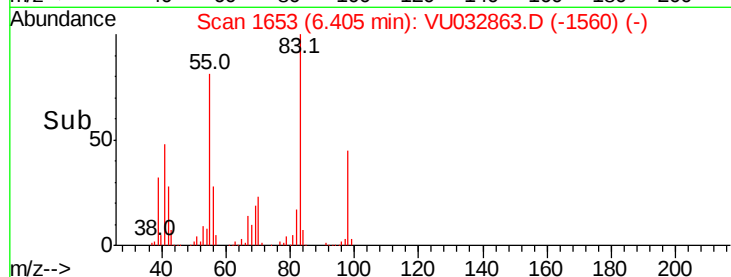
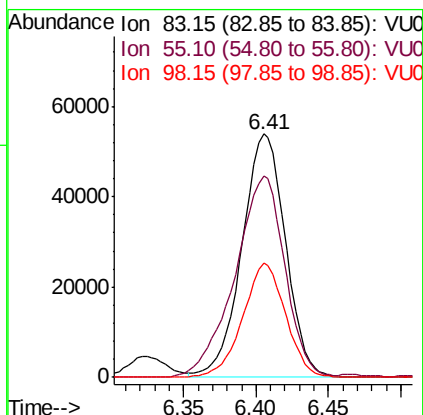
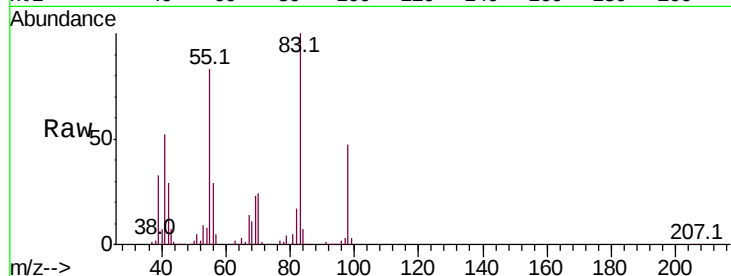




#35
Methylcyclohexane
Concen: 8.744 ug/L
RT: 6.41 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VU032863.D
Acq: 19 Jun 2019 17:17

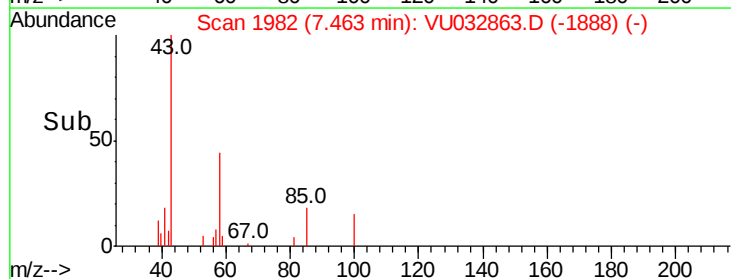
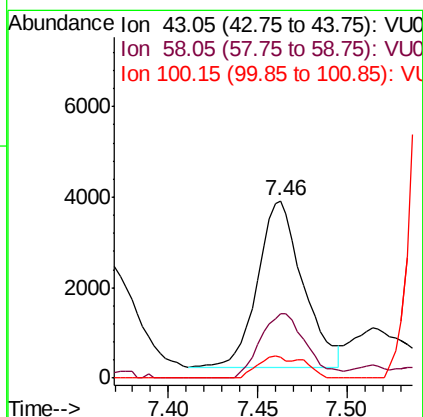
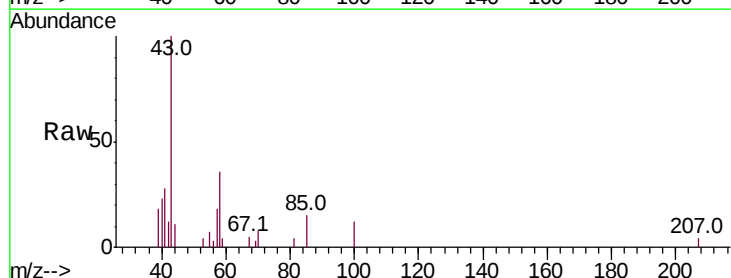
Instrument :
MSVOA_U
ClientSampleId :
GALG6

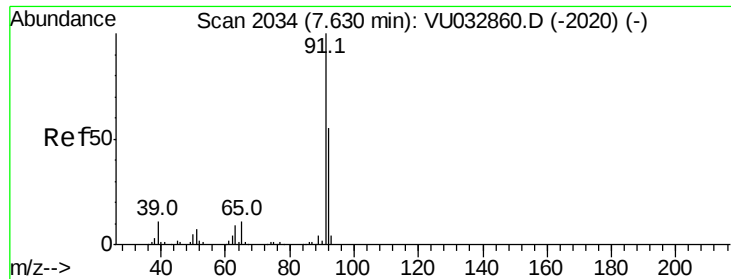
Tot Ion: 83 Resp: 113093
Ion Ratio Lower Upper
83 100
55 93.9 60.0 90.0#
98 46.0 37.8 56.8



#40
4-Methyl-2-pentanone
Concen: 1.273 ug/L
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU032863.D
Acq: 19 Jun 2019 17:17

Tgt Ion: 43 Resp: 6555
Ion Ratio Lower Upper
43 100
58 39.3 30.9 46.3
100 0.0 11.9 17.9#





#42

Toluene

Concen: 2.267 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032863.D

Acq: 19 Jun 2019 17:17

Instrument :

MSVOA_U

ClientSampleId :

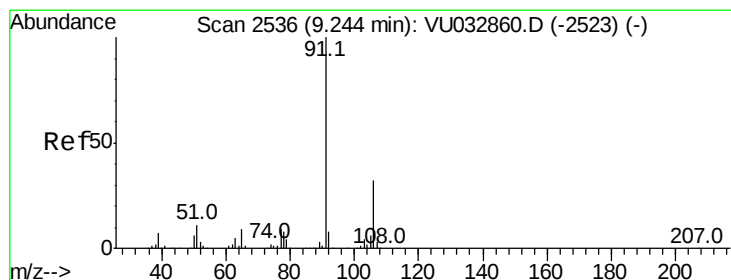
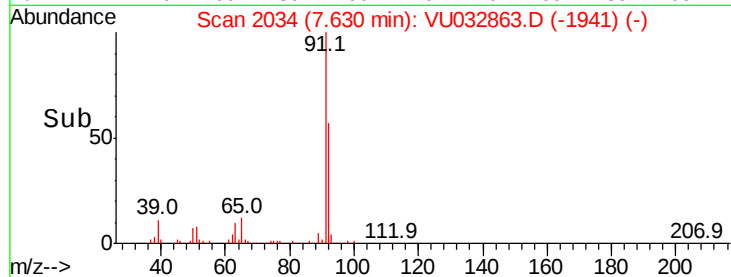
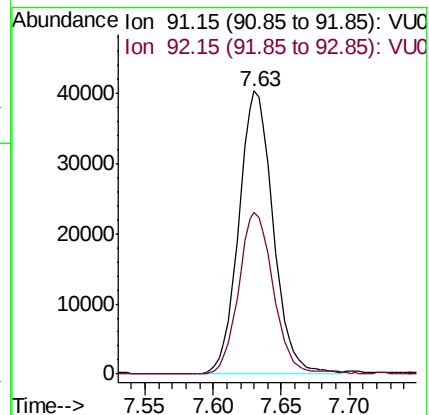
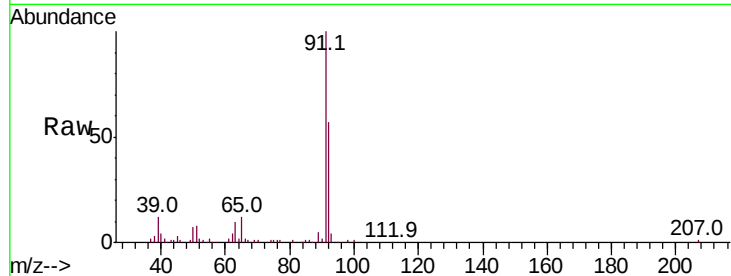
GALG6

Tot Ion: 91 Resp: 70630

Ion Ratio Lower Upper

91 100

92 57.1 40.9 75.9



#52

Ethylbenzene

Concen: 1.034 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032863.D

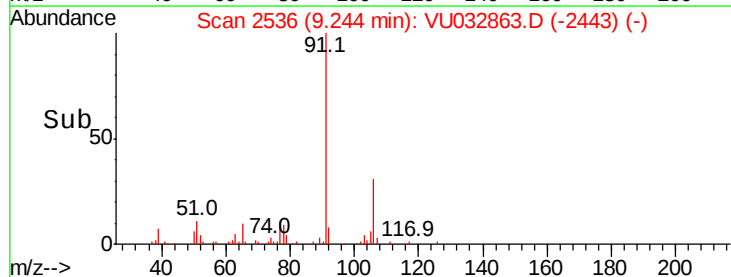
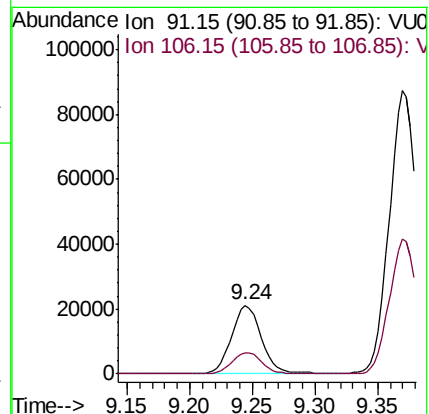
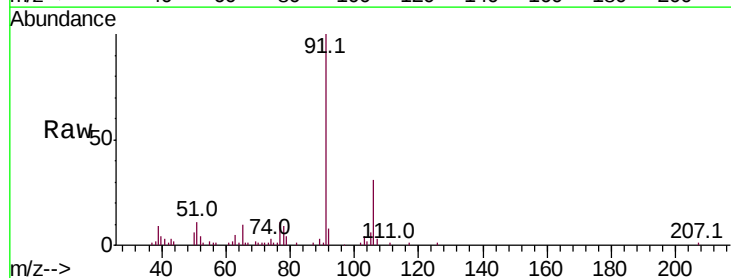
Acq: 19 Jun 2019 17:17

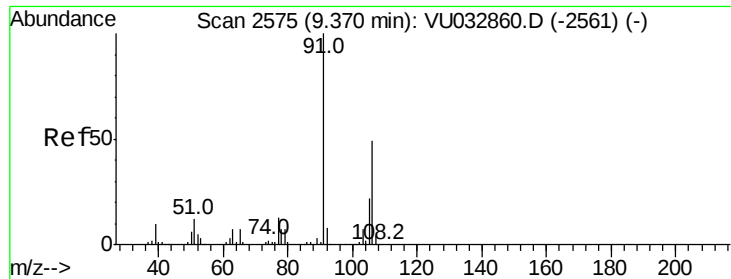
Tgt Ion: 91 Resp: 35497

Ion Ratio Lower Upper

91 100

106 31.2 21.8 40.6

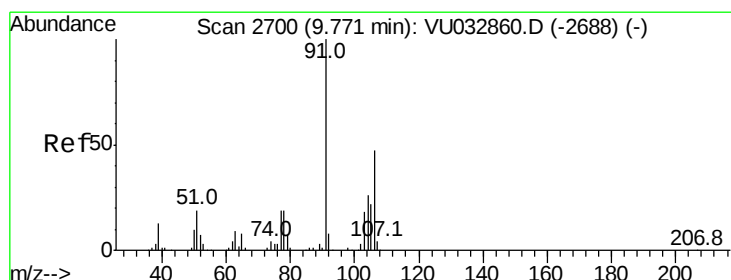
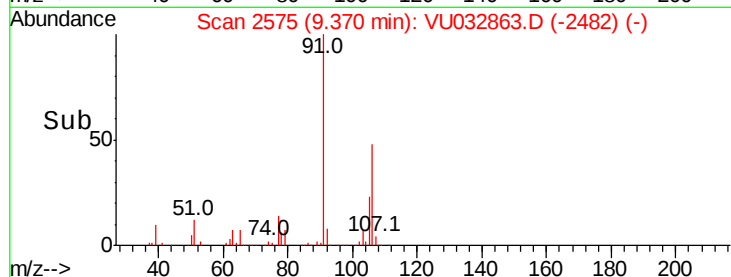
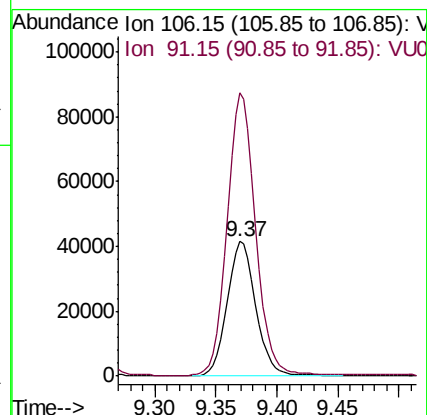
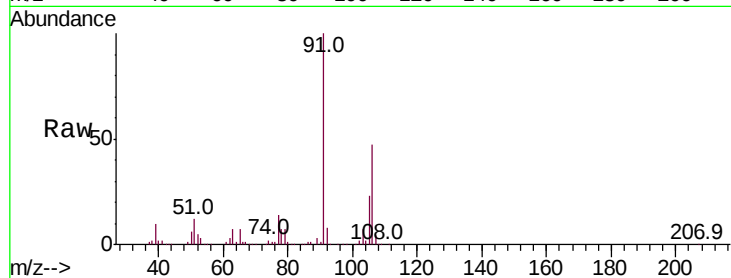




#53
m,p-Xylene
Concen: 5.298 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU032863.D
Acq: 19 Jun 2019 17:17

Instrument :
MSVOA_U
ClientSampleId :
GALG6

Tot Ion:106 Resp: 68971
Ion Ratio Lower Upper
106 100
91 210.6 142.4 264.4



#54
o-Xylene
Concen: 0.831 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU032863.D
Acq: 19 Jun 2019 17:17

Tgt Ion:106 Resp: 10798
Ion Ratio Lower Upper
106 100
91 215.6 148.8 276.4

