

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
 Data File : VU032878.D
 Acq On : 19 Jun 2019 23:19
 Operator : JC/SP
 Sample : K3414-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALMO

Quant Time: Jun 20 07:29:49 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	90895	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89027	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	49510	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	26618	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.68	69	23309	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.26	63	44125	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.23	46	91559	55.51	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.02%
24) Chloroform-d	4.64	84	57914	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.31	65	33521	6.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.20%
32) Benzene-d6	5.33	84	110677	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.32	67	37385	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.56	98	100072	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.85	79	14869	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.31	63	82847	56.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32160	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	45549	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

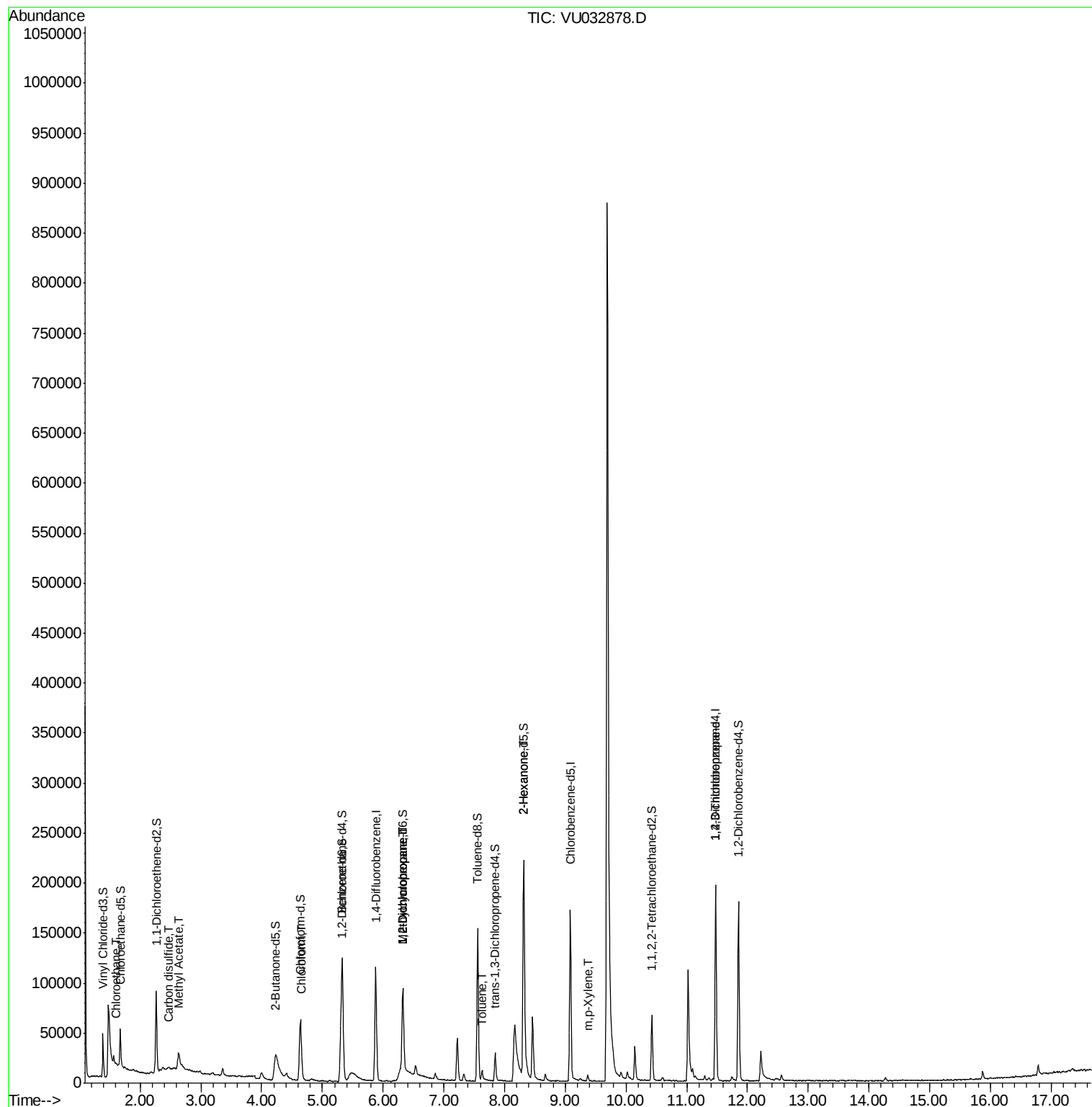
					Qvalue
8) Chloroethane	1.61	64	11764	2.316 ug/L #	52
14) Carbon disulfide	2.47	76	2348	0.127 ug/L #	87
15) Methyl Acetate	2.63	43	31814	9.058 ug/L	99
25) Chloroform	4.66	83	4492	0.394 ug/L	96
35) Methylcyclohexane	6.32	83	8368	0.689 ug/L #	21
37) 1,2-Dichloropropane	6.32	63	4323	0.637 ug/L #	89
42) Toluene	7.63	91	7727	0.264 ug/L	98
48) 2-Hexanone	8.31	43	9361	2.710 ug/L #	72
53) m,p-Xylene	9.37	106	1720	0.141 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	6400	1.435 ug/L	92

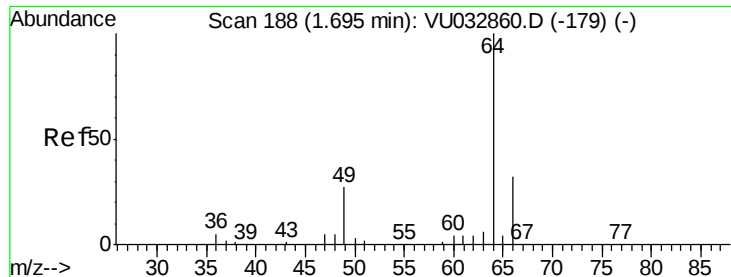
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 2.316 ug/L

RT: 1.61 min Scan# 162

Delta R.T. -0.08 min

Lab File: VU032878.D

Acq: 19 Jun 2019 23:19

Instrument :

MSVOA_U

ClientSampleId :

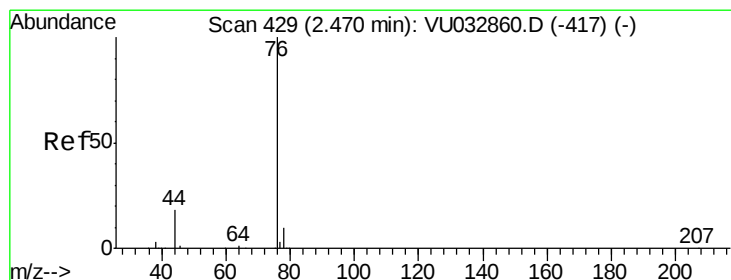
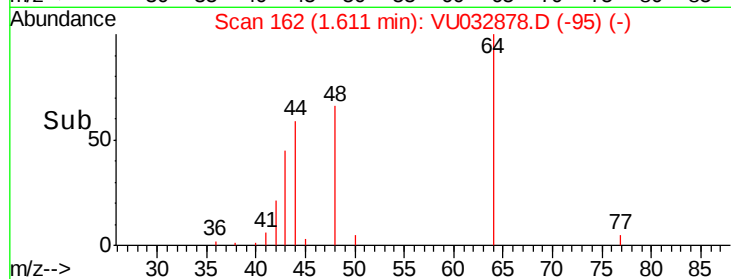
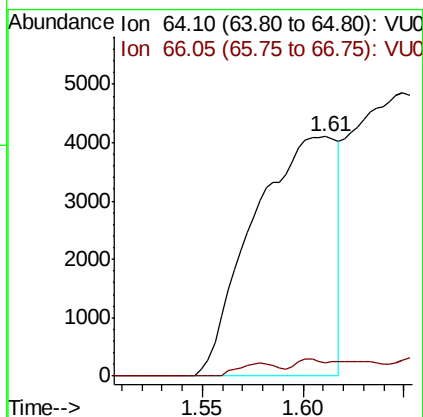
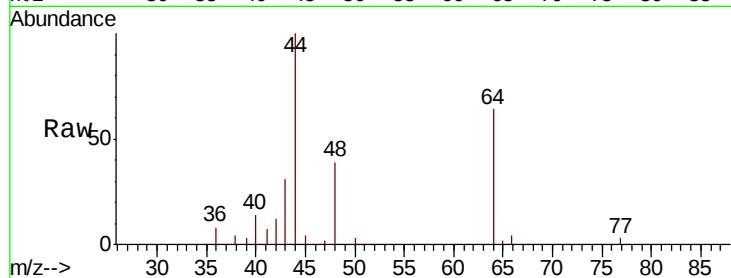
GALMO

Tgt Ion: 64 Resp: 11764

Ion Ratio Lower Upper

64 100

66 5.6 22.8 42.4#



#14

Carbon disulfide

Concen: 0.127 ug/L

RT: 2.47 min Scan# 428

Delta R.T. -0.00 min

Lab File: VU032878.D

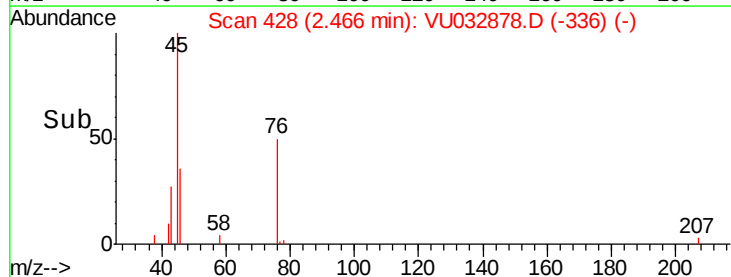
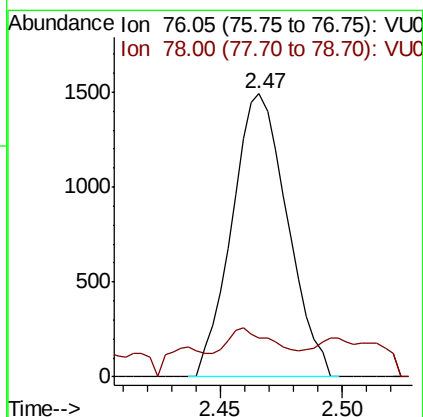
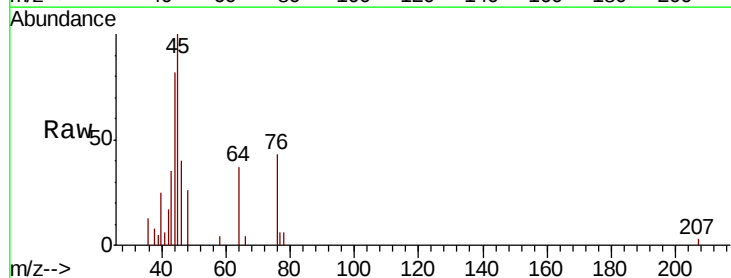
Acq: 19 Jun 2019 23:19

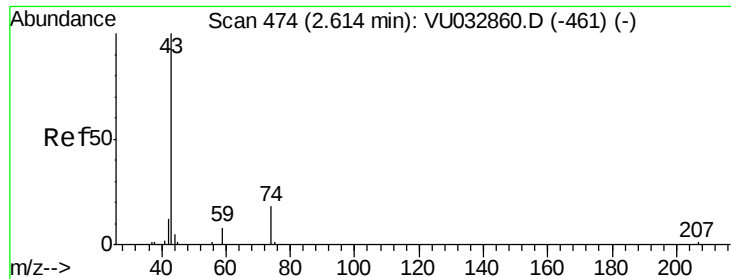
Tgt Ion: 76 Resp: 2348

Ion Ratio Lower Upper

76 100

78 14.0 7.3 10.9#

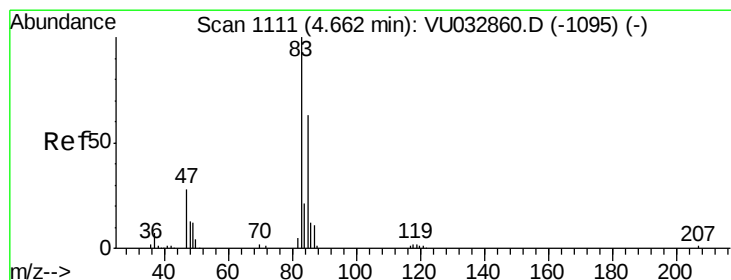
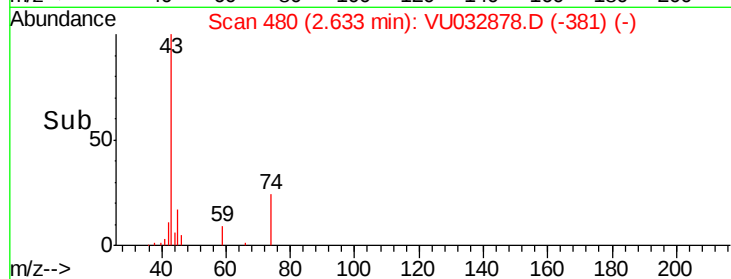
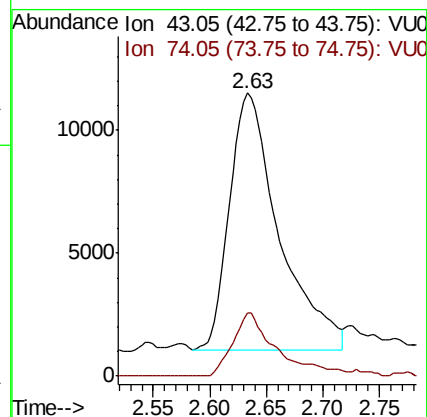
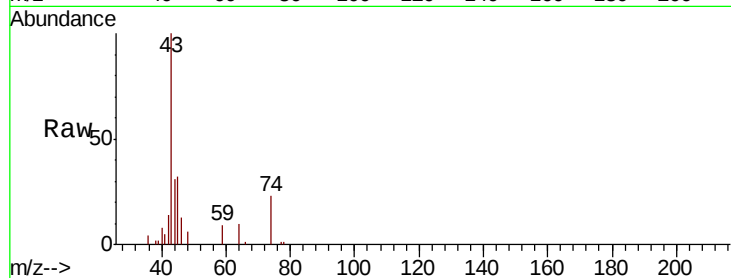




#15
Methyl Acetate
Concen: 9.058 ug/L
RT: 2.63 min Scan# 480
Delta R.T. 0.02 min
Lab File: VU032878.D
Acq: 19 Jun 2019 23:19

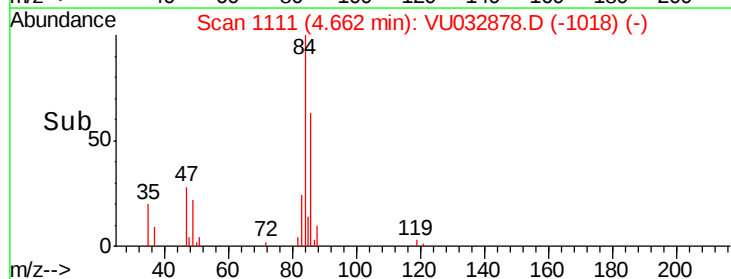
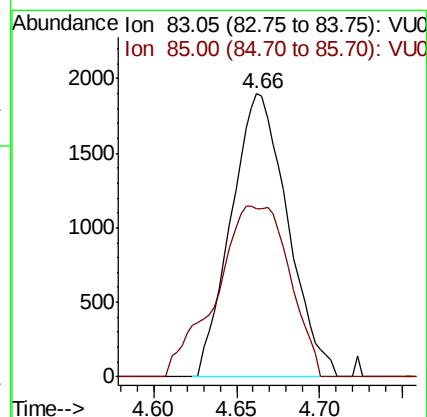
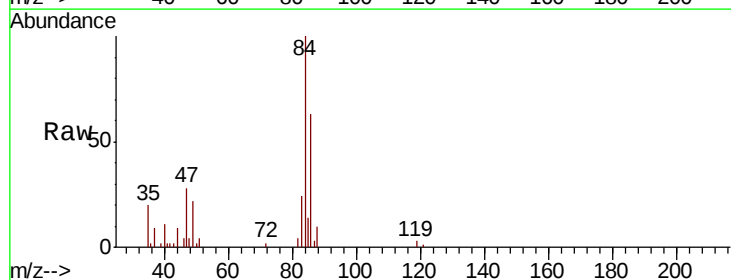
Instrument :
MSVOA_U
ClientSampleId :
GALMO

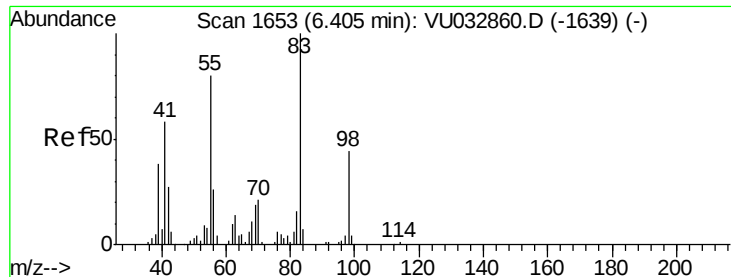
Tgt Ion: 43 Resp: 31814
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8



#25
Chloroform
Concen: 0.394 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU032878.D
Acq: 19 Jun 2019 23:19

Tgt Ion: 83 Resp: 4492
Ion Ratio Lower Upper
83 100
85 59.3 43.8 81.3

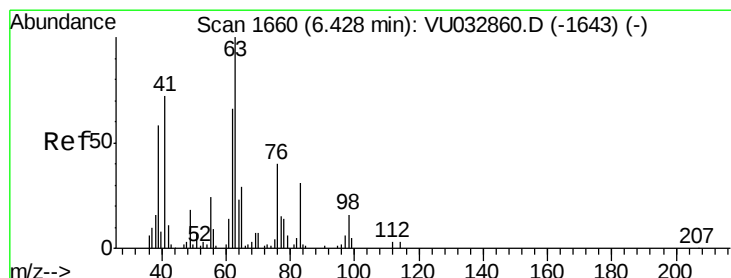
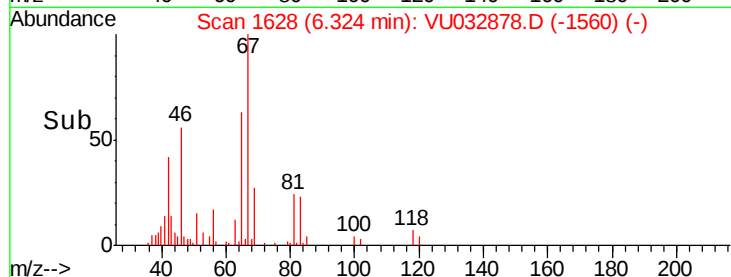
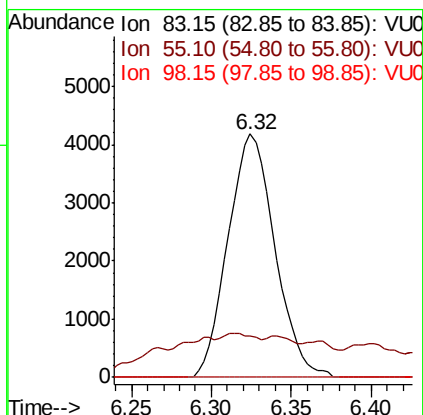
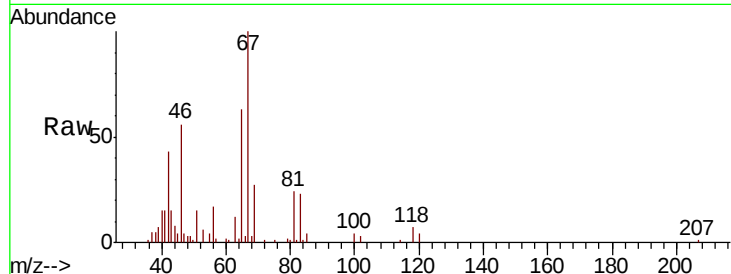




#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032878.D
Acq: 19 Jun 2019 23:19

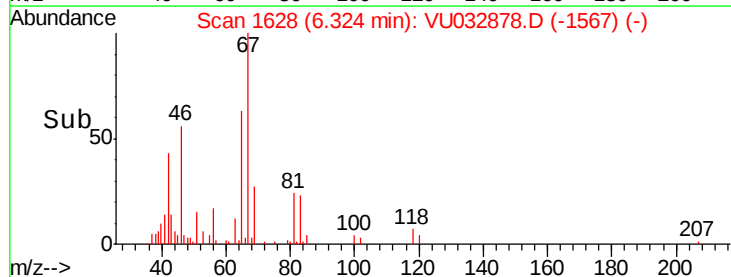
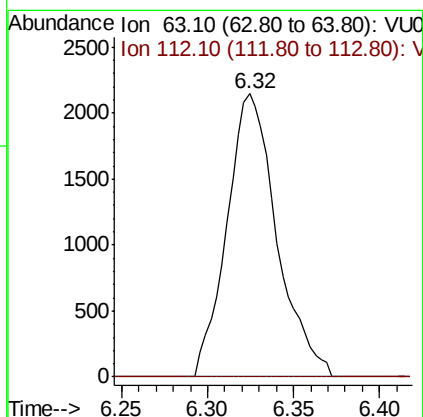
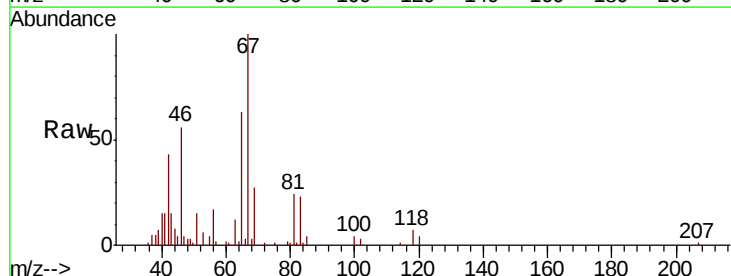
Instrument :
MSVOA_U
ClientSampled :
GALMO

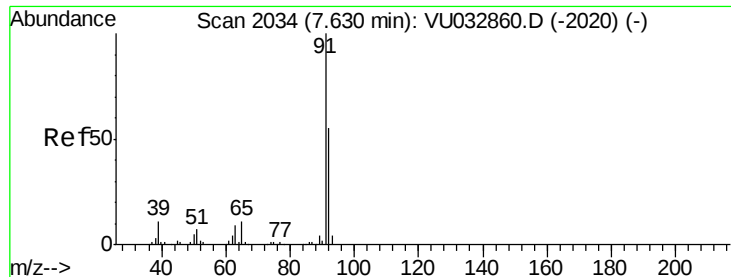
Tgt Ion: 83 Resp: 8368
Ion Ratio Lower Upper
83 100
55 2.7 60.0 90.0#
98 0.0 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032878.D
Acq: 19 Jun 2019 23:19

Tgt Ion: 63 Resp: 4323
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#





#42

Toluene

Concen: 0.264 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032878.D

Acq: 19 Jun 2019 23:19

Instrument :

MSVOA_U

ClientSampleId :

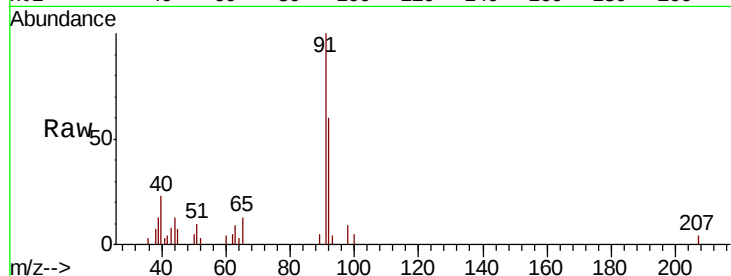
GALM0

Tgt Ion: 91 Resp: 7727

Ion Ratio Lower Upper

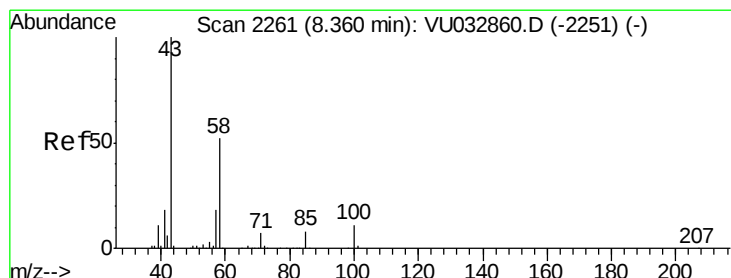
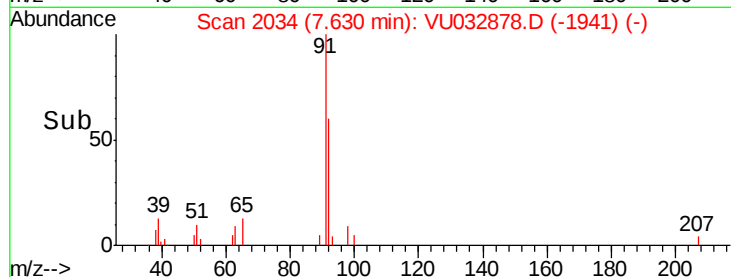
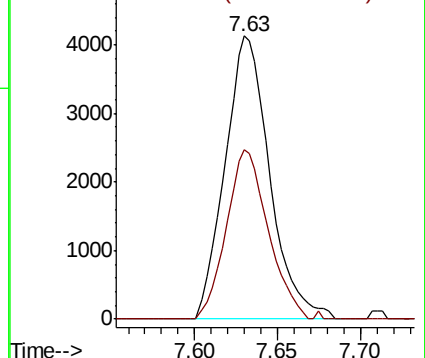
91 100

92 59.9 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032860.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU032860.D (-2020) (-)



#48

2-Hexanone

Concen: 2.710 ug/L

RT: 8.31 min Scan# 2247

Delta R.T. -0.05 min

Lab File: VU032878.D

Acq: 19 Jun 2019 23:19

Tgt Ion: 43 Resp: 9361

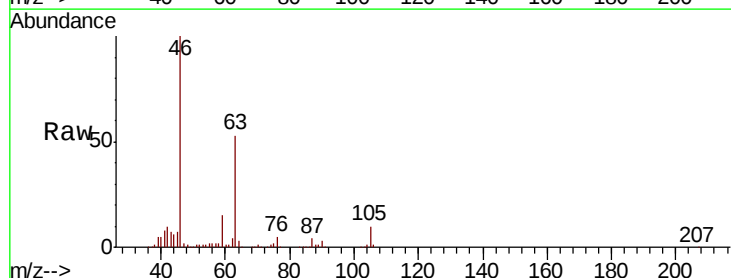
Ion Ratio Lower Upper

43 100

58 30.3 41.9 62.9#

57 27.2 15.1 22.7#

100 0.5 9.0 13.6#

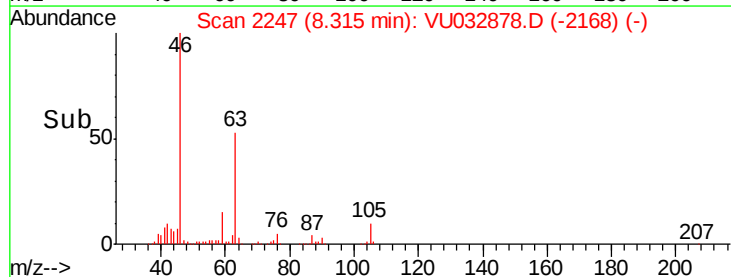
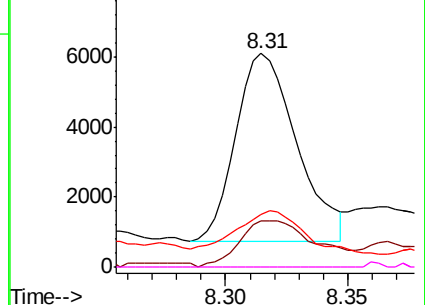


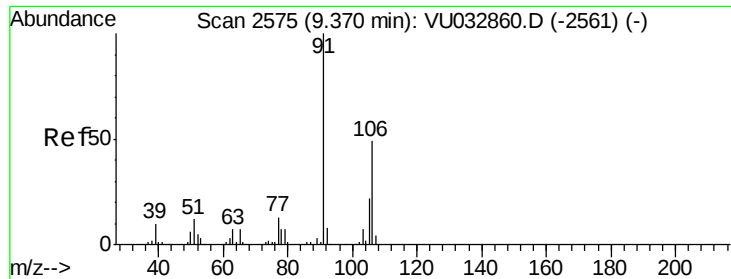
Abundance Ion 43.05 (42.75 to 43.75): VU032860.D (-2251) (-)

Ion 58.05 (57.75 to 58.75): VU032860.D (-2251) (-)

Ion 57.20 (56.90 to 57.90): VU032860.D (-2251) (-)

Ion 100.15 (99.85 to 100.85): VU032860.D (-2251) (-)

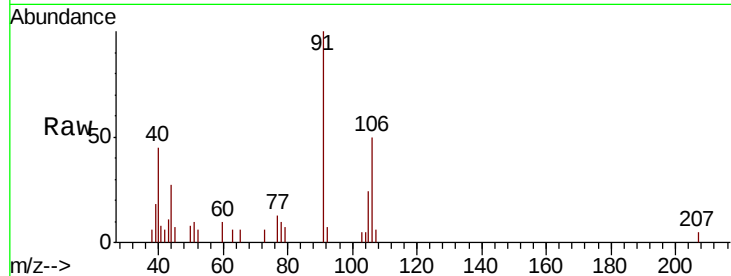




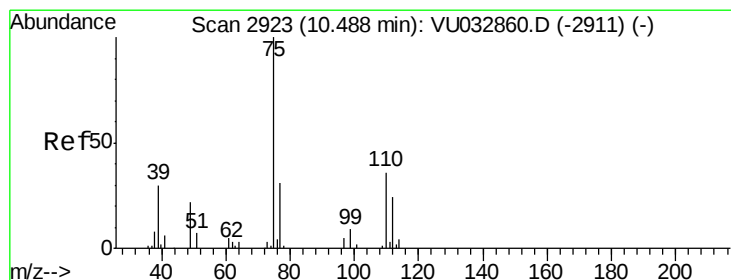
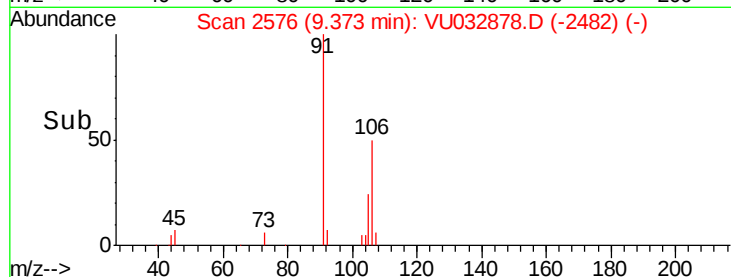
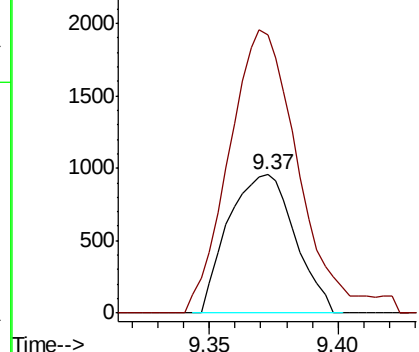
#53
m,p-Xylene
Concen: 0.141 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
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MSVOA_U
ClientSampleId :
GALM0

Tgt Ion: 106 Resp: 1720
Ion Ratio Lower Upper
106 100
91 200.9 142.4 264.4

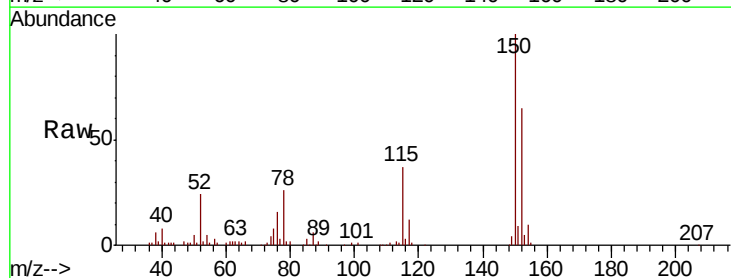


Abundance Ion 106.15 (105.85 to 106.85): VU032860.D (-2561) (-)
Ion 91.15 (90.85 to 91.85): VU032860.D (-2561) (-)



#59
1,2,3-Trichloropropane
Concen: 1.435 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032878.D
Acq: 19 Jun 2019 23:19

Tgt Ion: 75 Resp: 6400
Ion Ratio Lower Upper
75 100
77 36.0 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU032860.D (-2911) (-)
Ion 77.00 (76.70 to 77.70): VU032860.D (-2911) (-)

