

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043813.D
 Acq On : 18 May 2021 14:56
 Operator : SY/MD
 Sample : M2444-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 19 01:42:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 19 01:40:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

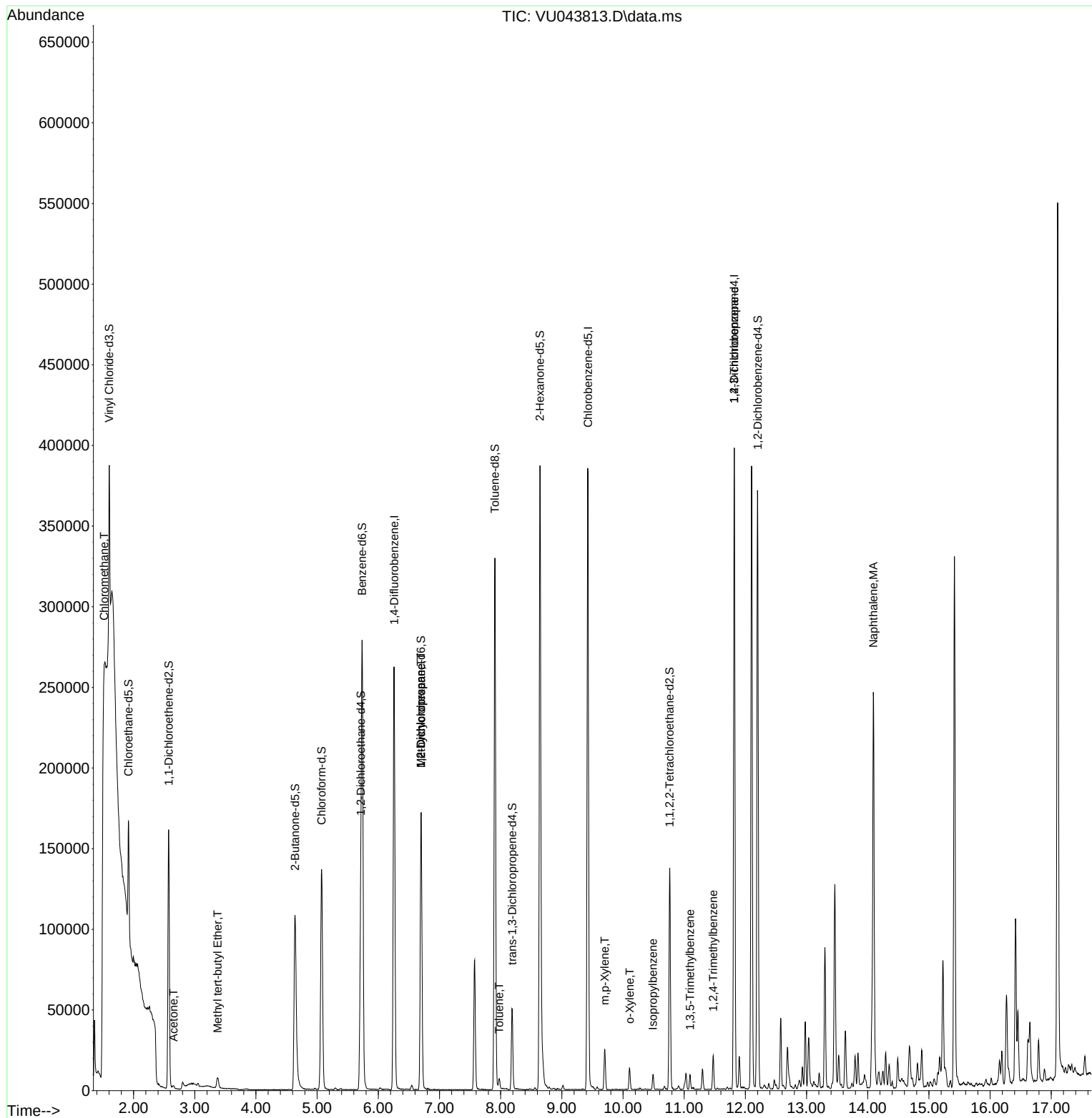
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	218296	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	225633	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	110544	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	70913	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.916	69	48018	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.575	65	29961	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.639	46	173130	56.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.14%
24) Chloroform-d	5.073	84	130352	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.713	65	65789	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.735	84	267591	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.700	67	85836	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	223801	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloroprop...	8.189	79	29604	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.642	63	135288	44.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.62%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	69311	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	100607	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	13735	0.74	ug/L #	56
13) Acetone	2.652	43	2509	1.29	ug/L	92
17) Methyl tert-butyl Ether	3.372	73	6884	0.21	ug/L	98
35) Methylcyclohexane	6.700	83	19713	0.76	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	9029	0.53	ug/L #	88
42) Toluene	7.977	91	4508	0.07	ug/L	96
53) m,p-Xylene	9.703	106	7203	0.27	ug/L	90
54) o-Xylene	10.108	106	3454	0.14	ug/L	94
60) Isopropylbenzene	10.491	105	6379	0.11	ug/L	97
61) 1,2,3-Trichloropropane	11.819	75	11788	1.12	ug/L #	70
62) 1,3,5-Trimethylbenzene	11.095	105	4923	0.10	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	11269	0.23	ug/L	97
71) Naphthalene	14.092	128	190158	5.25	ug/L	99

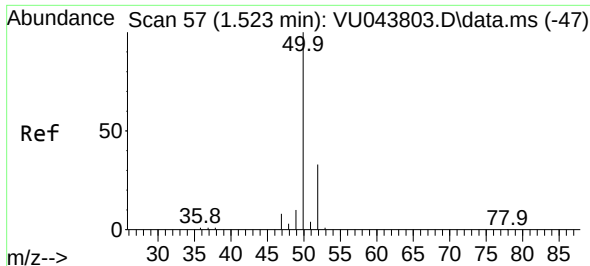
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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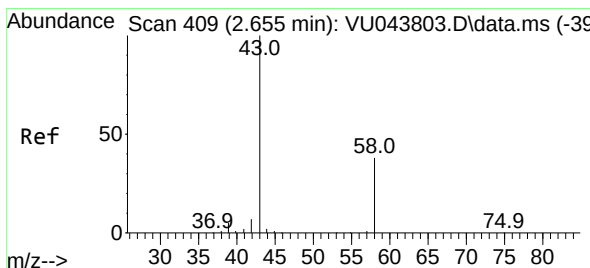
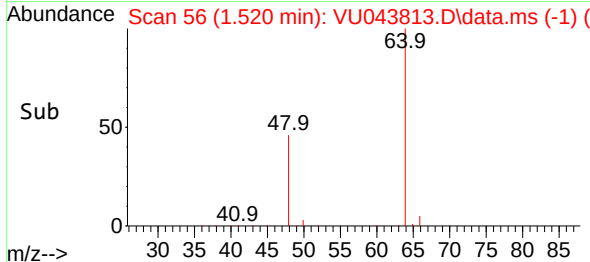
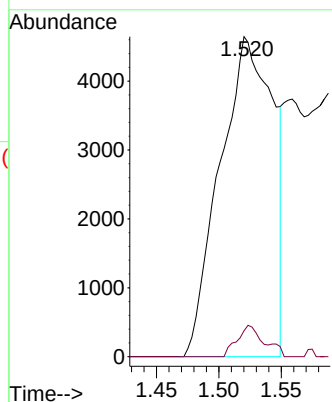
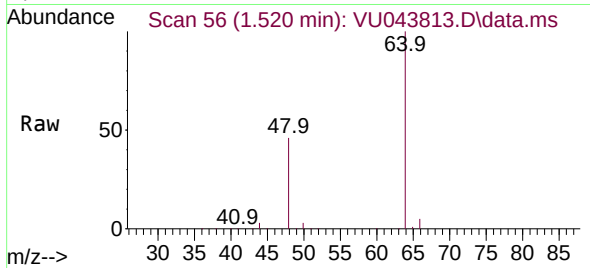




#3
Chloromethane
Concen: 0.74 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

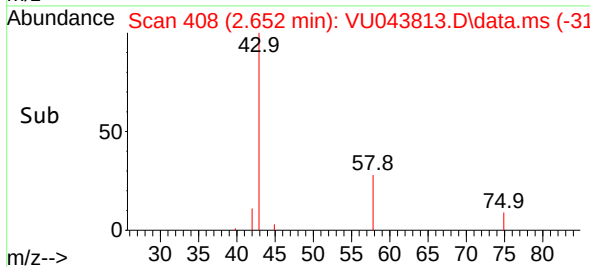
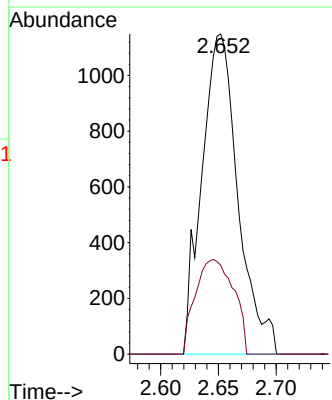
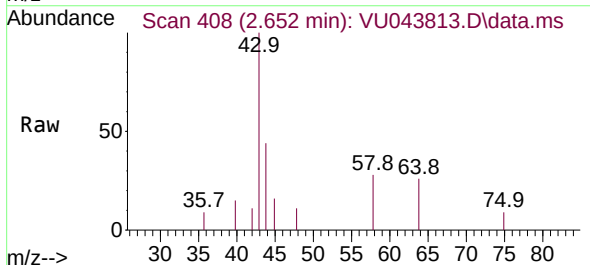
Instrument :
MSVOA_U
ClientSampled :

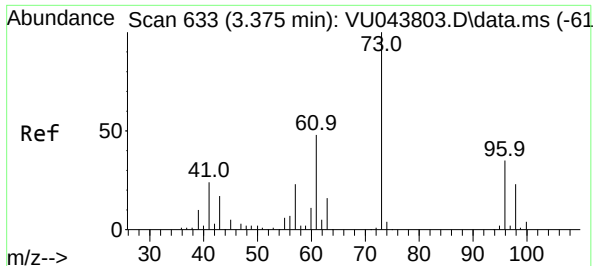
Tgt Ion: 50 Resp: 13735
Ion Ratio Lower Upper
50 100
52 8.1 23.2 43.2#



#13
Acetone
Concen: 1.29 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.003 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

Tgt Ion: 43 Resp: 2509
Ion Ratio Lower Upper
43 100
58 31.1 0.0 71.6





#17

Methyl tert-butyl Ether

Concen: 0.21 ug/L

RT: 3.372 min Scan# 632

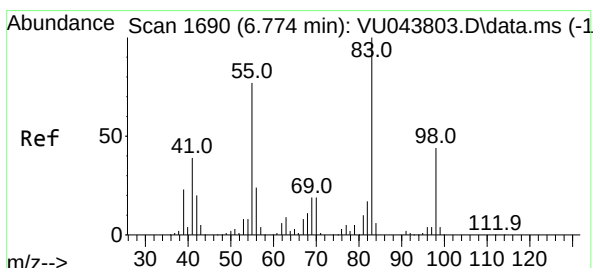
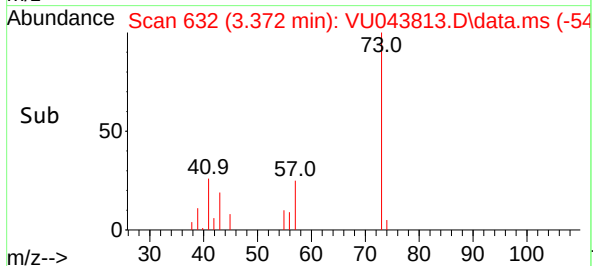
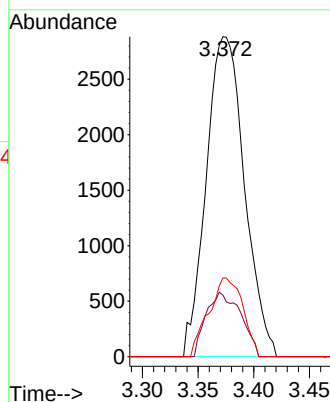
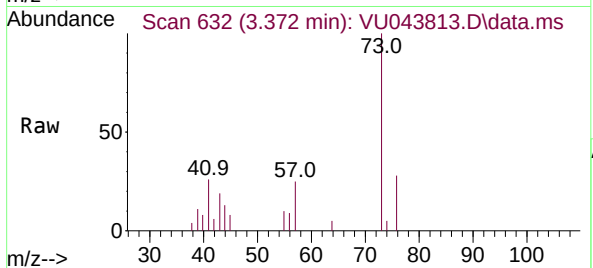
Delta R.T. -0.003 min

Lab File: VU043813.D

Acq: 18 May 2021 14:56

Tgt Ion: 73	Resp: 6884
Ion Ratio	Lower Upper
73 100	
43 18.3	15.0 22.4
57 21.9	18.6 27.8

Instrument :
MSVOA_U
ClientSampleId :



#35

Methylcyclohexane

Concen: 0.76 ug/L

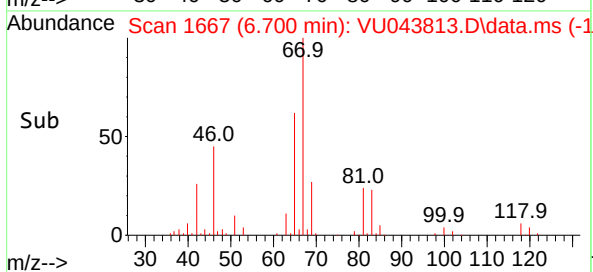
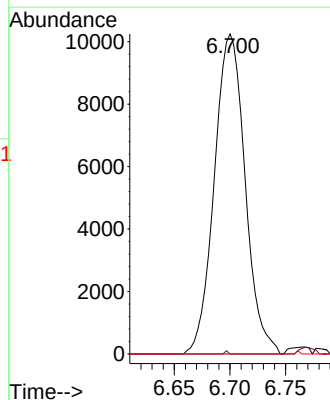
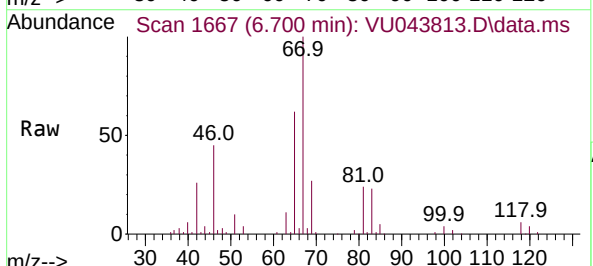
RT: 6.700 min Scan# 1667

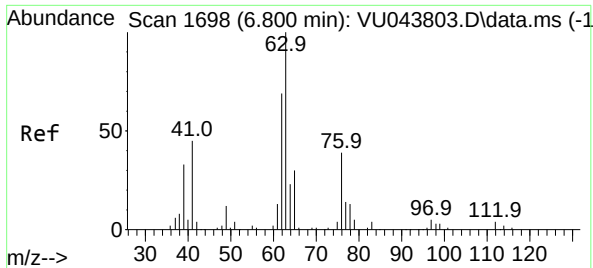
Delta R.T. -0.074 min

Lab File: VU043813.D

Acq: 18 May 2021 14:56

Tgt Ion: 83	Resp: 19713
Ion Ratio	Lower Upper
83 100	
55 0.1	64.8 97.2#
98 0.1	35.9 53.9#



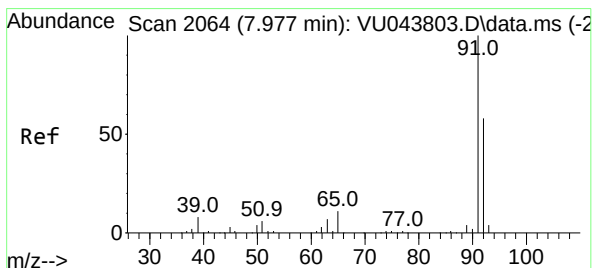
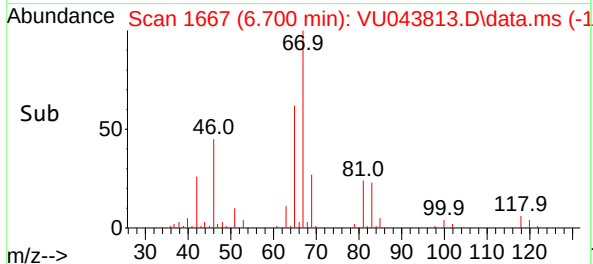
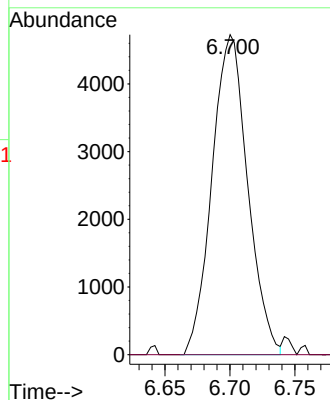
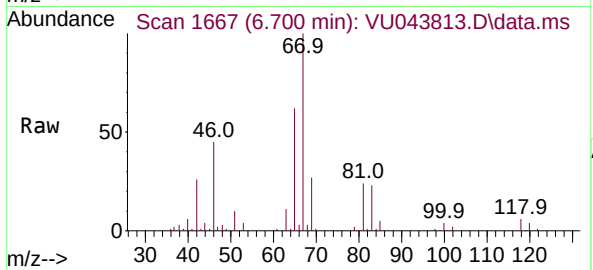


#37

1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

Instrument :
MSVOA_U
ClientSampled :

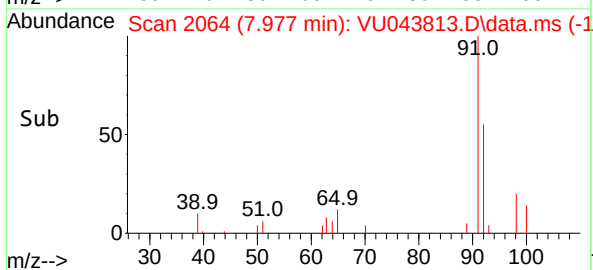
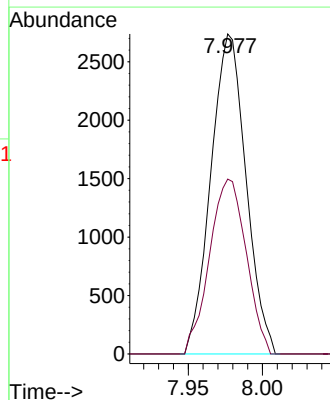
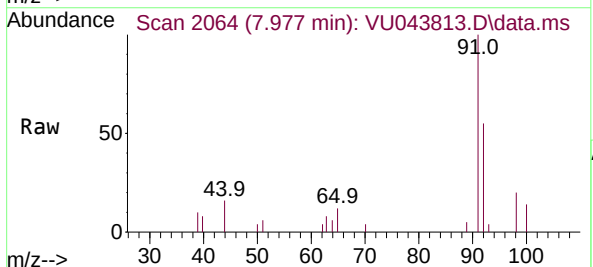
Tgt Ion: 63 Resp: 9029
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

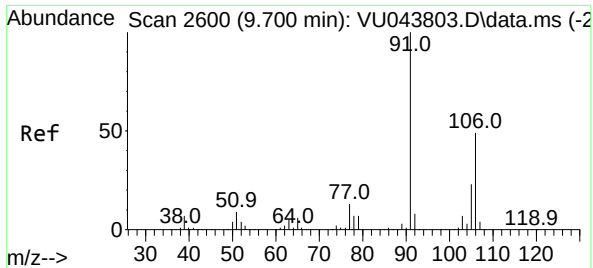


#42

Toluene
Concen: 0.07 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

Tgt Ion: 91 Resp: 4508
Ion Ratio Lower Upper
91 100
92 54.7 40.3 74.8

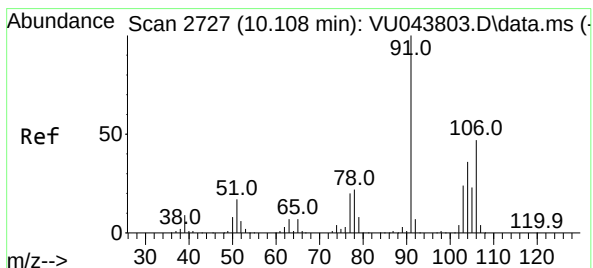
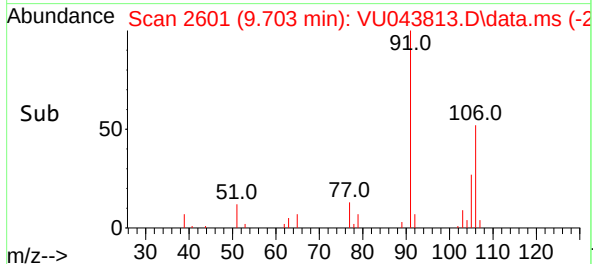
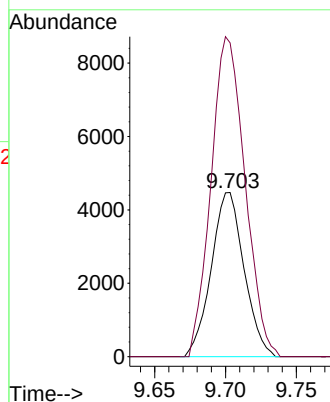
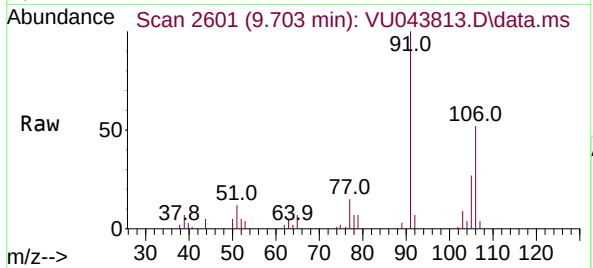




#53
m,p-Xylene
Concen: 0.27 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

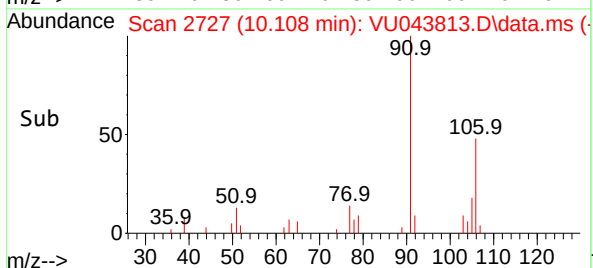
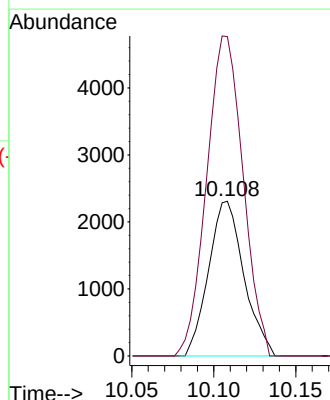
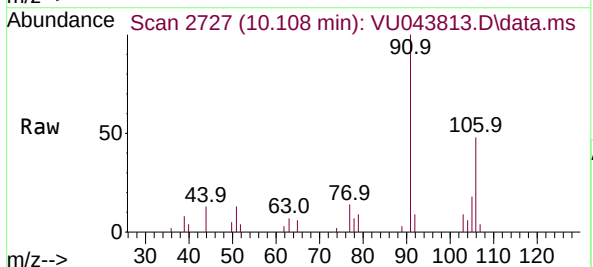
Instrument :
MSVOA_U
ClientSampled :

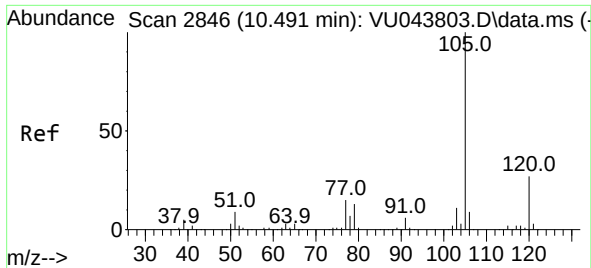
Tgt Ion:106 Resp: 7203
Ion Ratio Lower Upper
106 100
91 191.1 144.4 268.2



#54
o-Xylene
Concen: 0.14 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

Tgt Ion:106 Resp: 3454
Ion Ratio Lower Upper
106 100
91 206.3 150.8 280.0

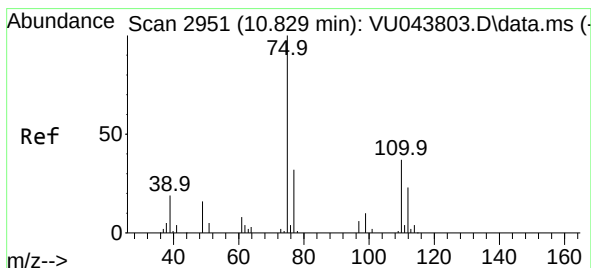
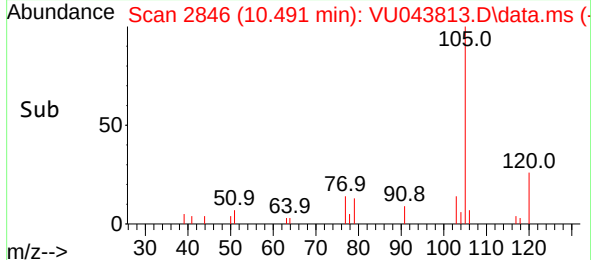
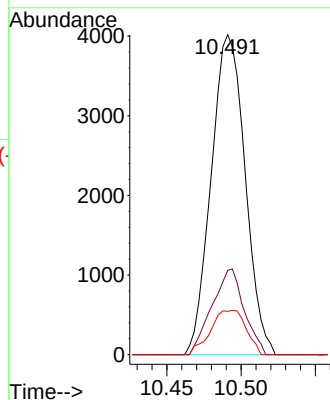
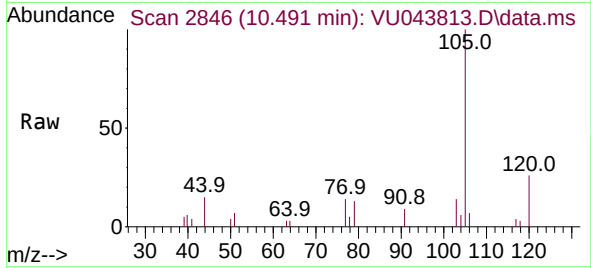




#60
Isopropylbenzene
Concen: 0.11 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

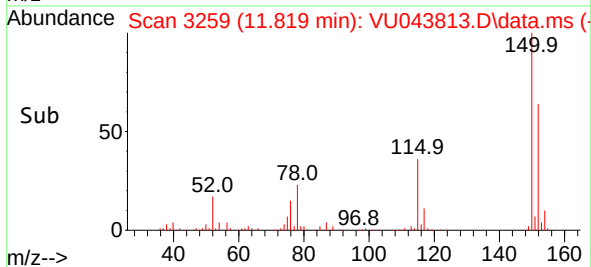
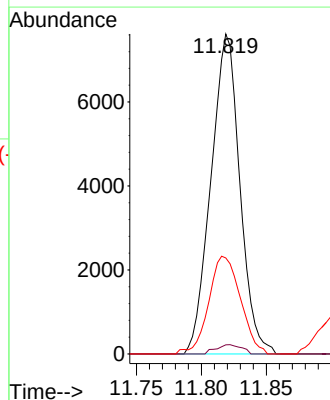
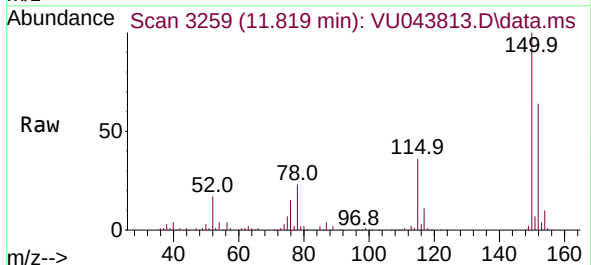
Instrument :
MSVOA_U
ClientSampled :

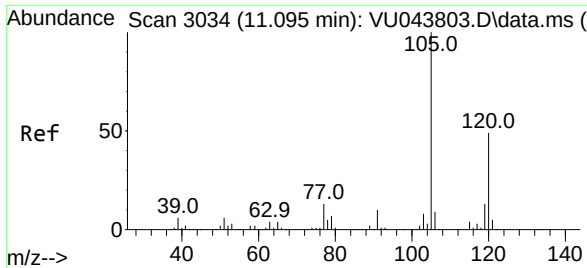
Tgt Ion:	105	Resp:	6379
Ion Ratio	Lower	Upper	
105	100		
120	25.4	21.3	31.9
77	14.5	12.6	19.0



#61
1,2,3-Trichloropropane
Concen: 1.12 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

Tgt Ion:	75	Resp:	11788
Ion Ratio	Lower	Upper	
75	100		
110	2.5	27.9	41.9#
77	33.5	25.9	38.9

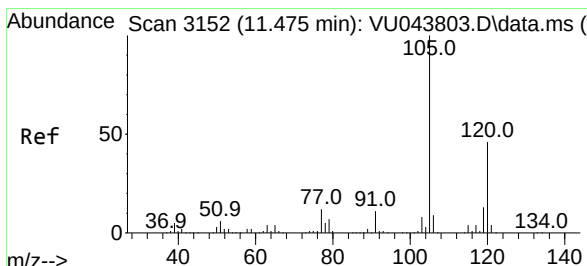
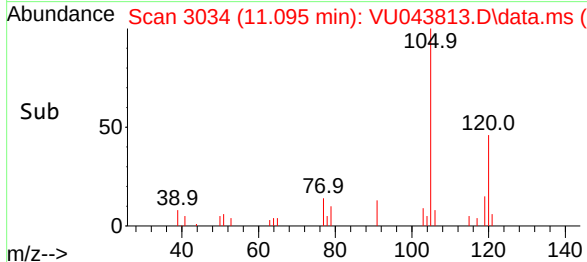
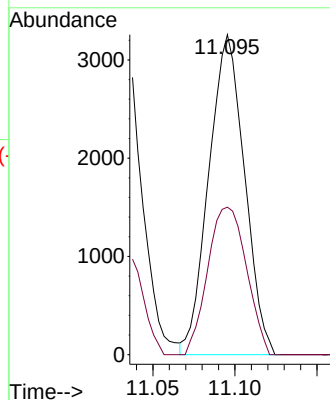
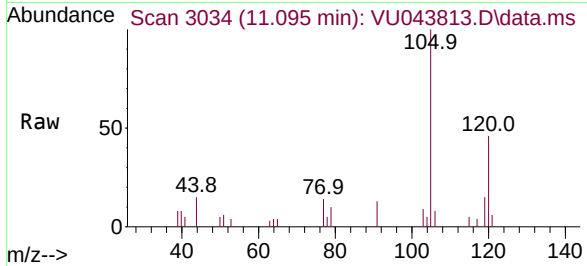




#62
1,3,5-Trimethylbenzene
Concen: 0.10 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

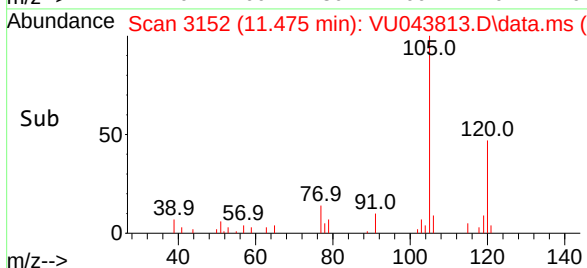
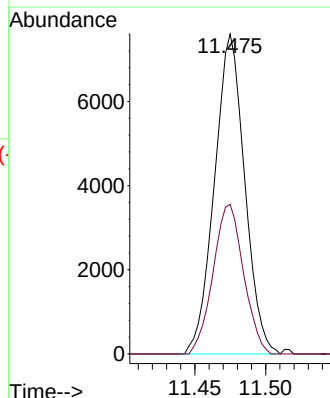
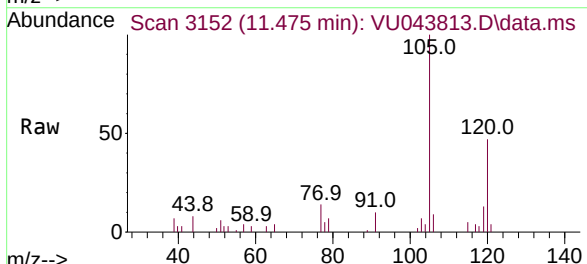
Instrument :
MSVOA_U
ClientSampleId :

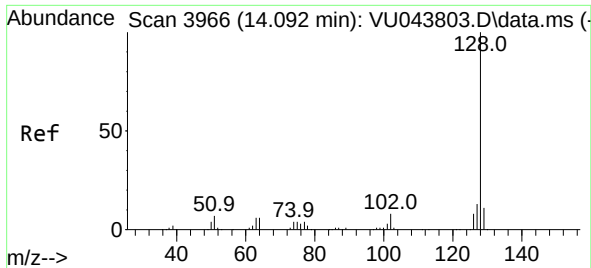
Tgt Ion:105 Resp: 4923
Ion Ratio Lower Upper
105 100
120 50.0 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 0.23 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

Tgt Ion:105 Resp: 11269
Ion Ratio Lower Upper
105 100
120 47.0 36.0 54.0





#71
Naphthalene
Concen: 5.25 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043813.D
Acq: 18 May 2021 14:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 190158
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.2 15.4

