

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043644.D
 Acq On : 10 May 2021 17:31
 Operator : SY/MD
 Sample : M2300-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 04:00:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

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

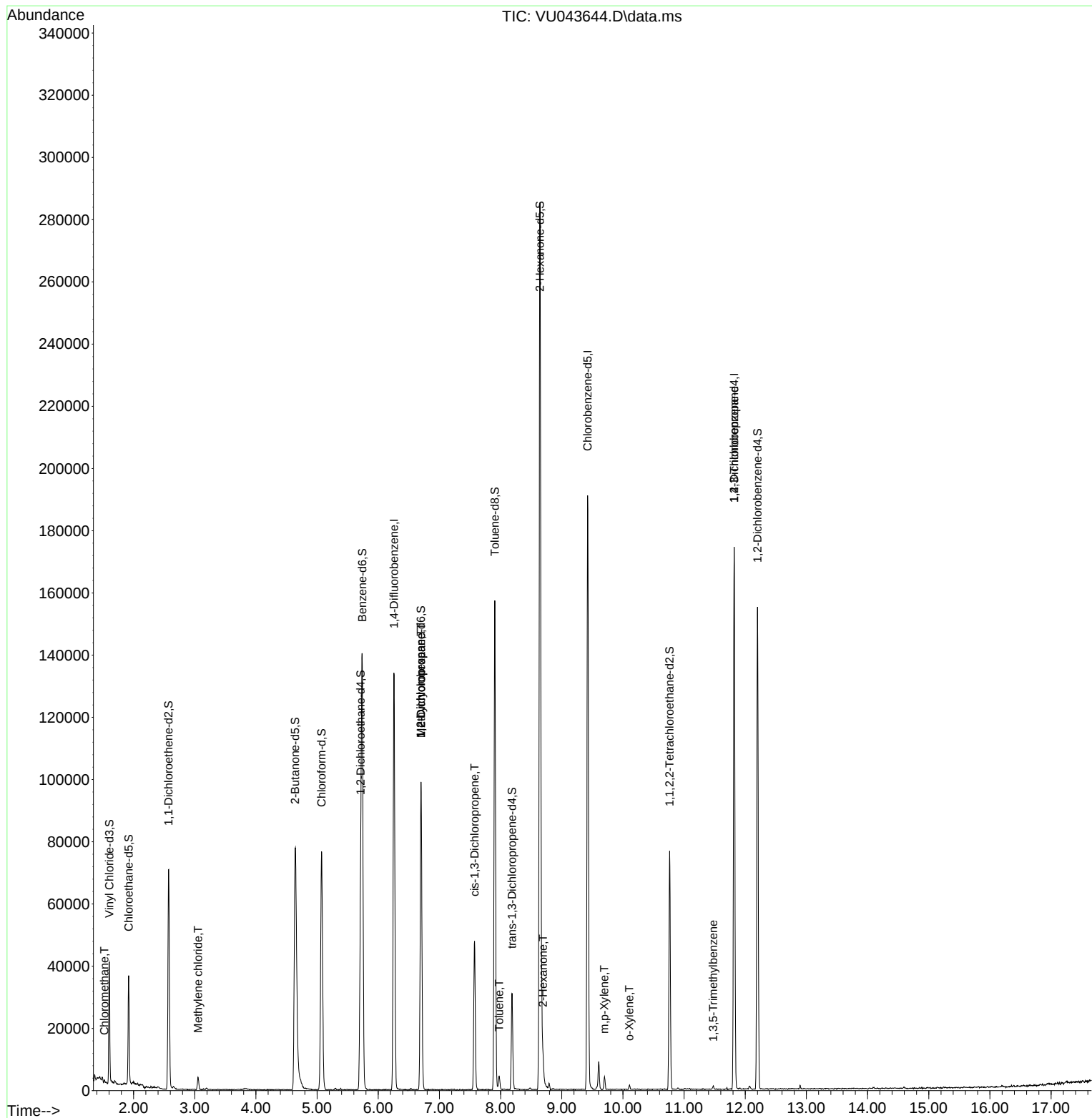
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	95866	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	94648	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41841	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26023	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.919	69	23466	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.571	65	13972	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.642	46	142668	59.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.22%
24) Chloroform-d	5.073	84	65103	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.713	65	41587	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.739	84	115981	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.700	67	43279	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.906	98	94913	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloroprop...	8.185	79	16197	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.642	63	88591	58.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.64%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35753	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	36522	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	635	0.09	ug/L	89
16) Methylene chloride	3.054	84	1551	0.18	ug/L	93
35) Methylcyclohexane	6.700	83	9375	1.14	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4814	0.65	ug/L #	90
39) cis-1,3-Dichloropropene	7.574	75	1197	0.12	ug/L	90
42) Toluene	7.976	91	3183	0.12	ug/L	99
48) 2-Hexanone	8.693	43	4531	1.00	ug/L #	91
53) m,p-Xylene	9.697	106	1183	0.12	ug/L	85
54) o-Xylene	10.105	106	544	0.06	ug/L #	49
61) 1,2,3-Trichloropropane	11.819	75	6042	1.43	ug/L #	69
62) 1,3,5-Trimethylbenzene	11.478	105	851	0.05	ug/L	99

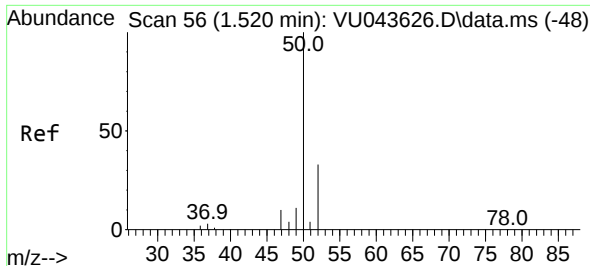
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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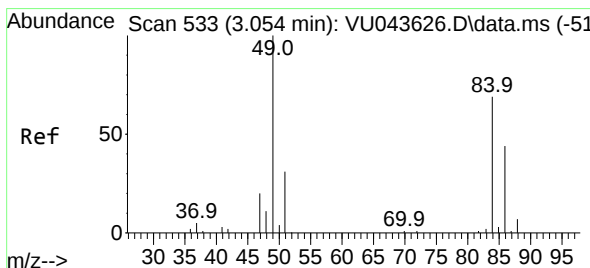
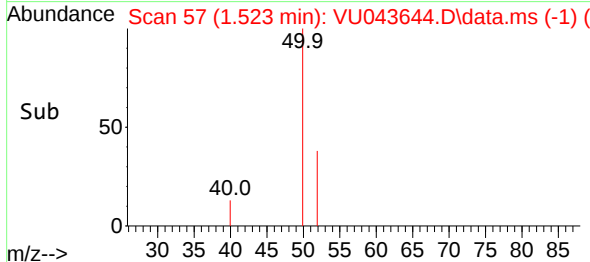
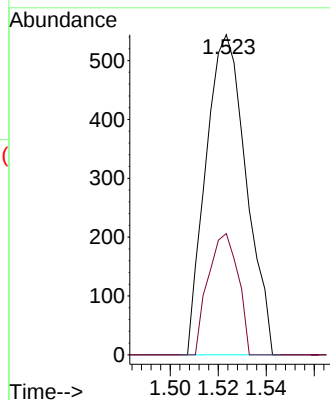
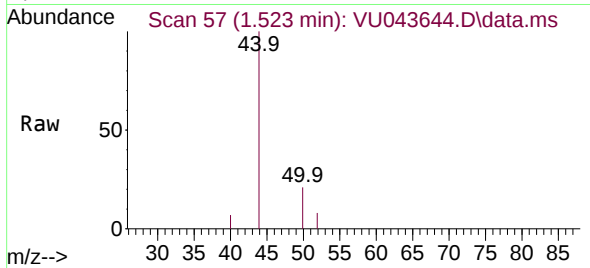




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043644.D
Acq: 10 May 2021 17:31

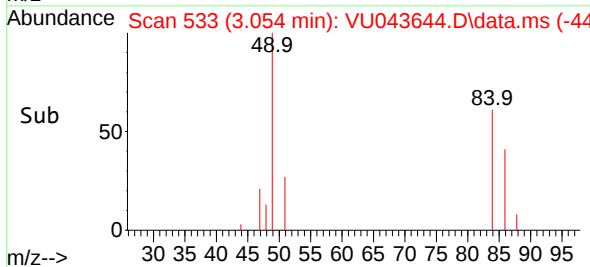
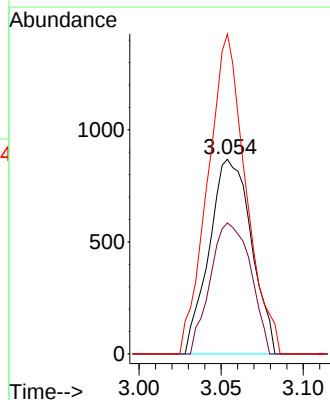
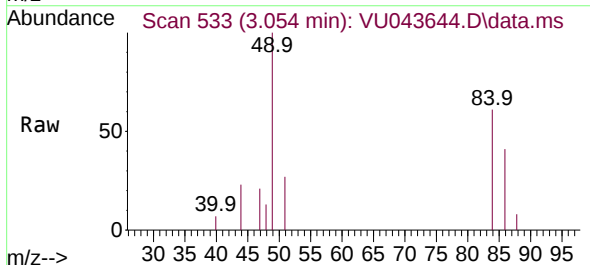
Instrument :
MSVOA_U
ClientSampled :

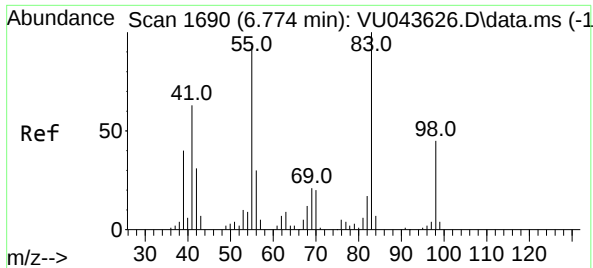
Tgt Ion: 50 Resp: 635
Ion Ratio Lower Upper
50 100
52 37.9 22.1 41.1



#16
Methylene chloride
Concen: 0.18 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043644.D
Acq: 10 May 2021 17:31

Tgt Ion: 84 Resp: 1551
Ion Ratio Lower Upper
84 100
86 67.3 45.6 84.6
49 164.3 107.0 198.8

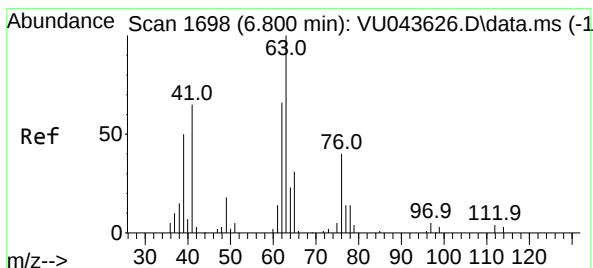
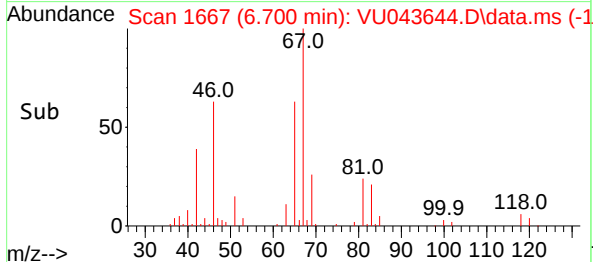
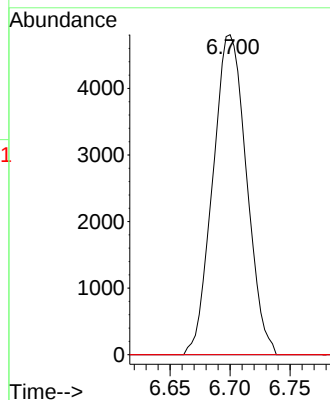
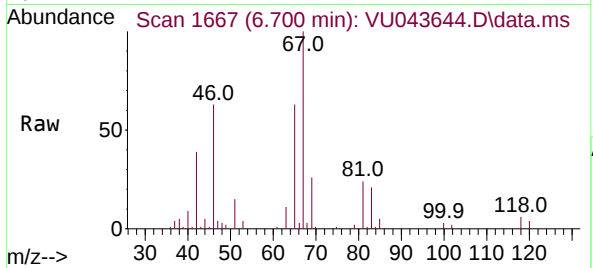




#35
Methylcyclohexane
Concen: 1.14 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043644.D
Acq: 10 May 2021 17:31

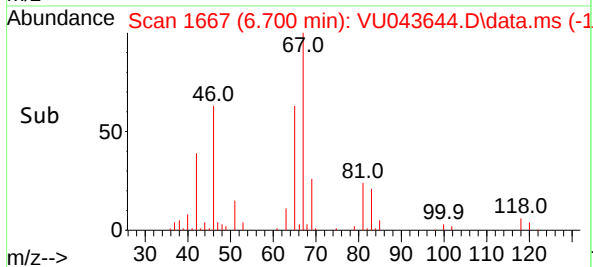
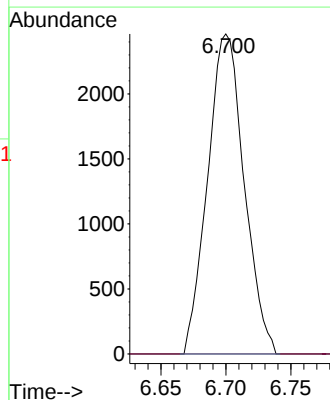
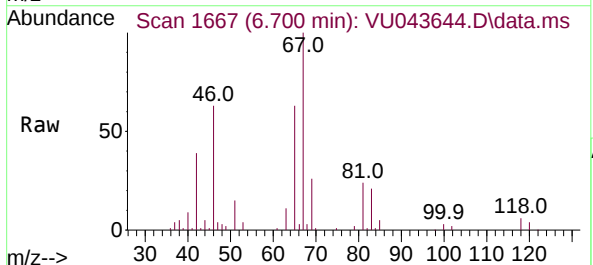
Instrument :
MSVOA_U
ClientSampled :

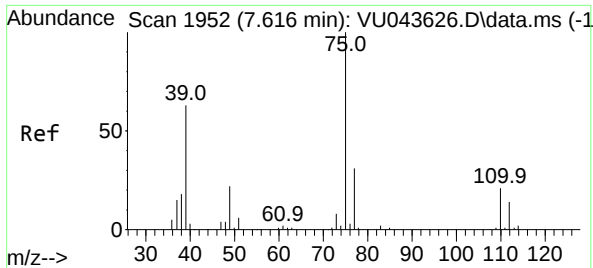
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	0.0	35.5	53.3#



#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043644.D
Acq: 10 May 2021 17:31

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



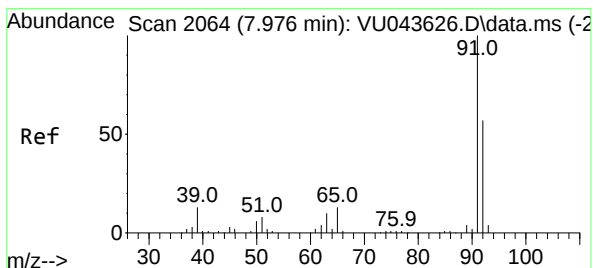
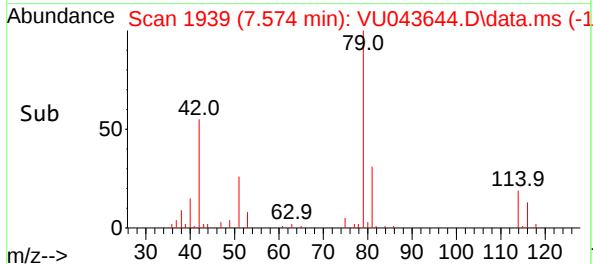
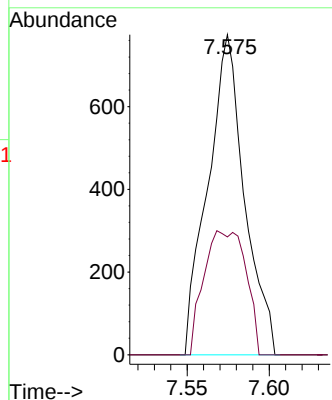
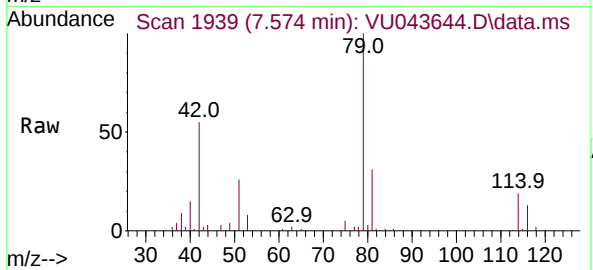


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043644.D
Acq: 10 May 2021 17:31

Instrument :
MSVOA_U
ClientSampled :

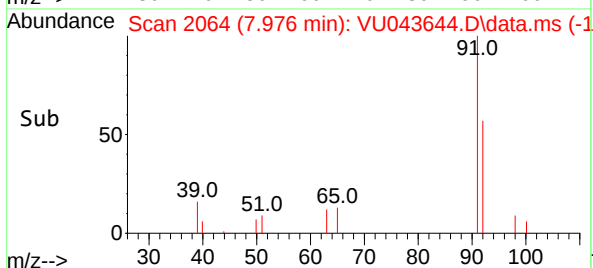
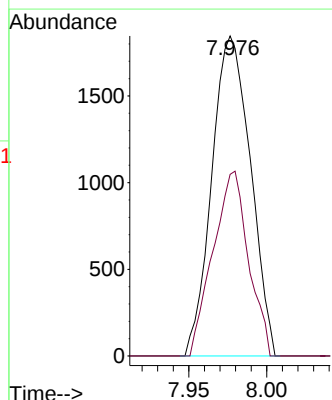
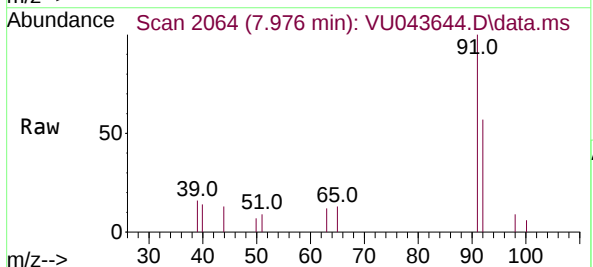
Tgt Ion: 75 Resp: 1197
Ion Ratio Lower Upper
75 100
77 36.8 21.9 40.7

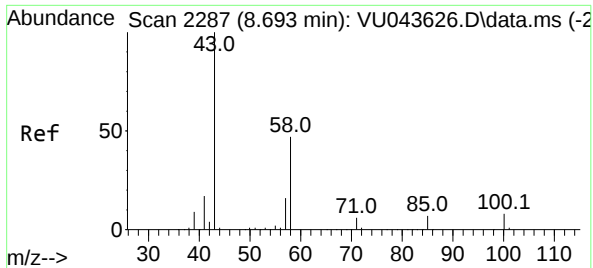


#42

Toluene
Concen: 0.12 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043644.D
Acq: 10 May 2021 17:31

Tgt Ion: 91 Resp: 3183
Ion Ratio Lower Upper
91 100
92 56.8 39.1 72.5

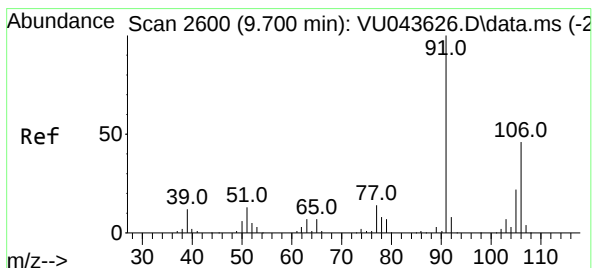
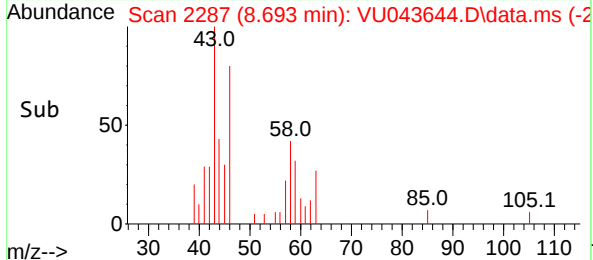
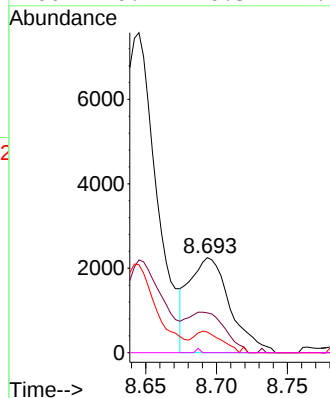
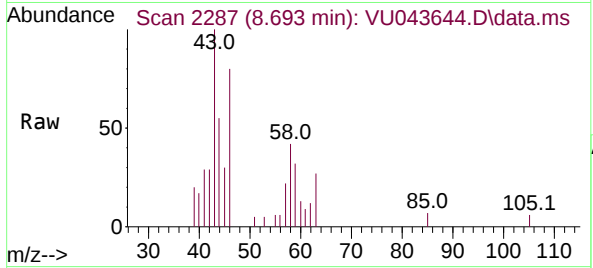




#48
2-Hexanone
Concen: 1.00 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043644.D
Acq: 10 May 2021 17:31

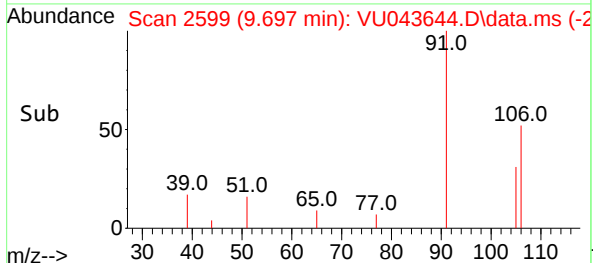
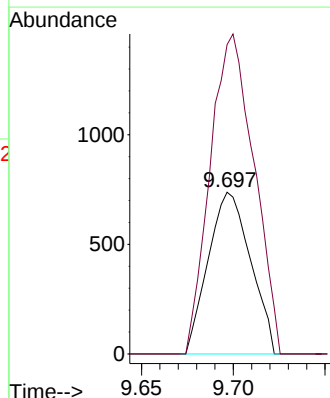
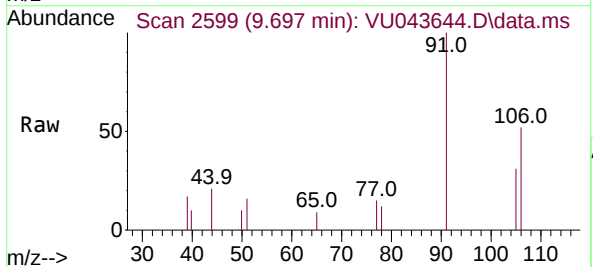
Instrument :
MSVOA_U
ClientSampleId :

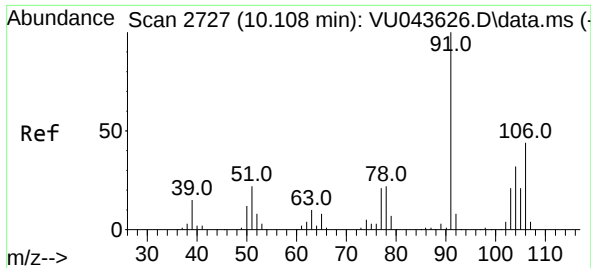
Tgt Ion: 43	Resp: 4531
Ion Ratio	Lower Upper
43	100
58	39.9 36.8 55.2
57	14.7 13.2 19.8
100	0.4 6.5 9.7#



#53
m,p-Xylene
Concen: 0.12 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU043644.D
Acq: 10 May 2021 17:31

Tgt Ion: 106	Resp: 1183
Ion Ratio	Lower Upper
106	100
91	191.2 150.3 279.1

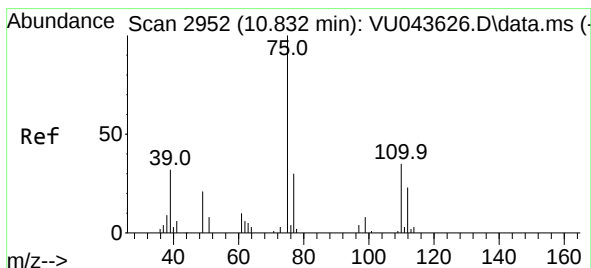
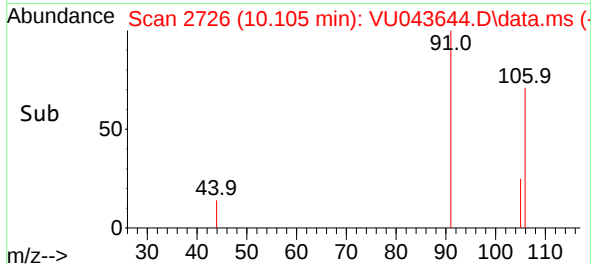
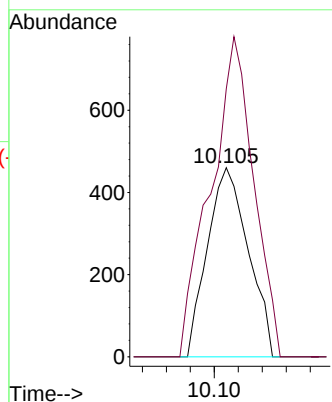
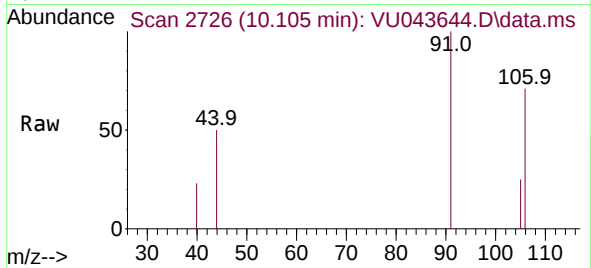




#54
o-Xylene
Concen: 0.06 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043644.D
Acq: 10 May 2021 17:31

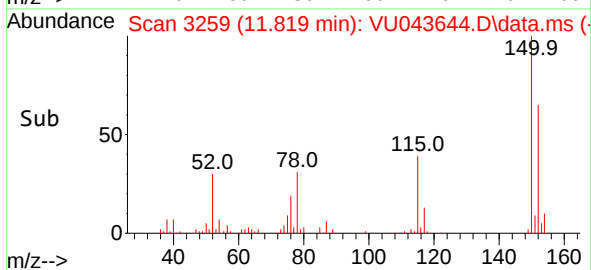
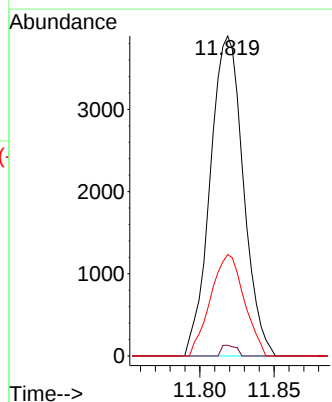
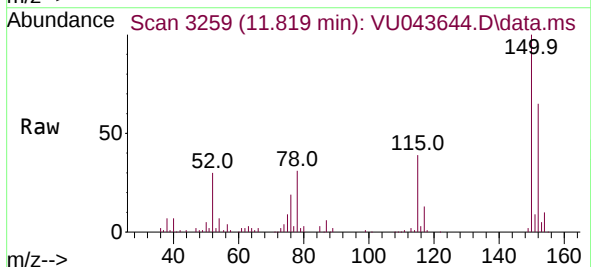
Instrument :
MSVOA_U
ClientSampled :

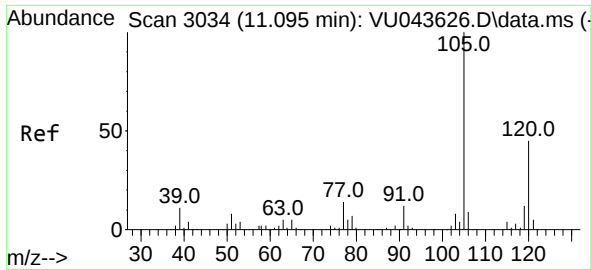
Tgt Ion:106 Resp: 544
Ion Ratio Lower Upper
106 100
91 141.7 157.3 292.1#



#61
1,2,3-Trichloropropane
Concen: 1.43 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043644.D
Acq: 10 May 2021 17:31

Tgt Ion: 75 Resp: 6042
Ion Ratio Lower Upper
75 100
110 1.5 28.6 42.8#
77 32.1 25.7 38.5





#62
 1,3,5-Trimethylbenzene
 Concen: 0.05 ug/L
 RT: 11.478 min Scan# 3153
 Delta R.T. 0.383 min
 Lab File: VU043644.D
 Acq: 10 May 2021 17:31

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:105 Resp: 851
 Ion Ratio Lower Upper
 105 100
 120 46.5 36.6 55.0

