

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051121\
 Data File : VU043660.D
 Acq On : 11 May 2021 13:32
 Operator : SY/MD
 Sample : M2320-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 01:28:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 01:26:46 2021
 Response via : Initial Calibration

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

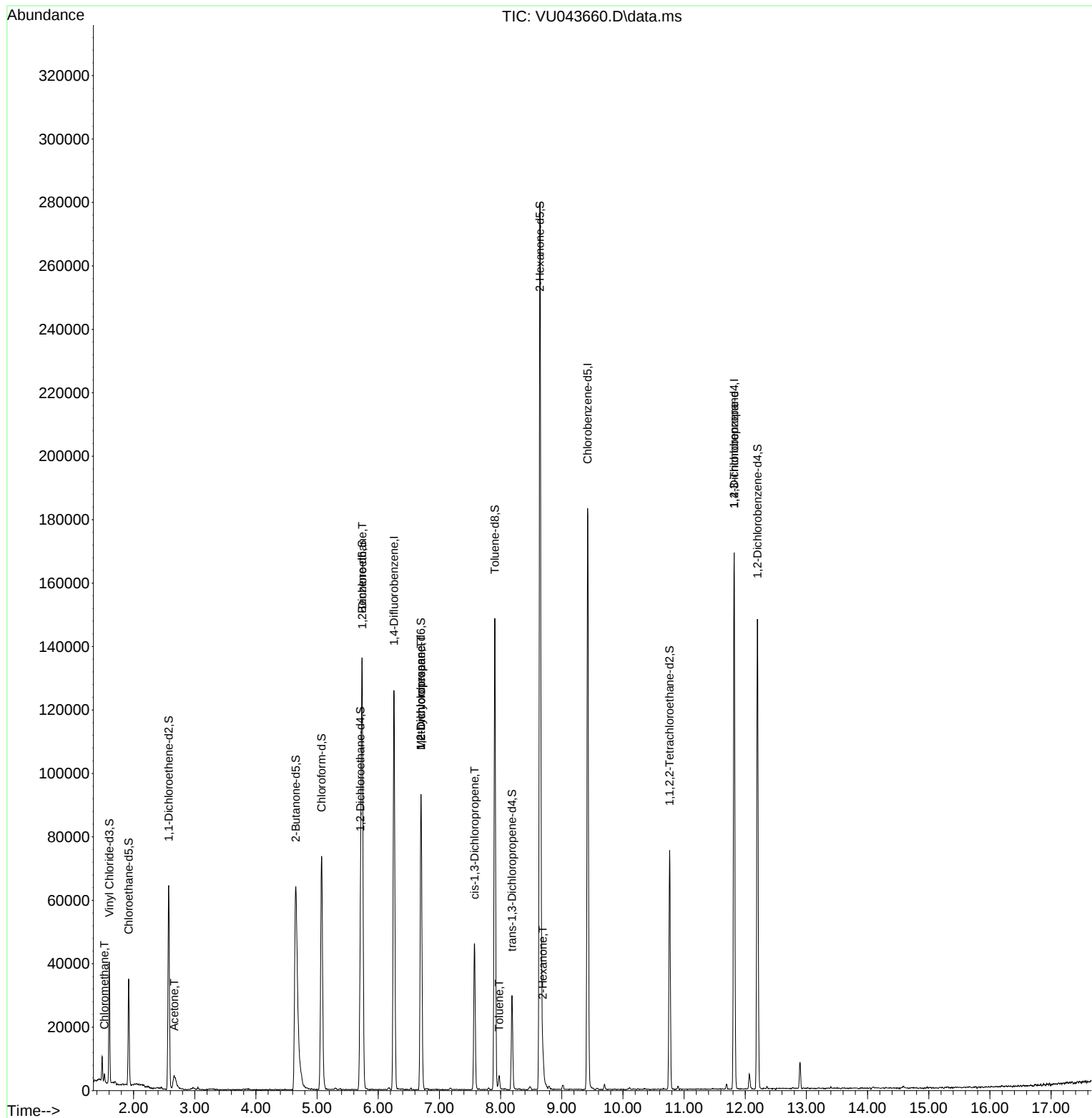
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	91103	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	89904	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40203	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26410	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.919	69	22473	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.575	65	12802	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.652	46	143391	63.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.10%
24) Chloroform-d	5.073	84	63310	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.710	65	40429	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.735	84	111552	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.700	67	41536	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.906	98	91042	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloroprop...	8.185	79	15285	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.642	63	88140	61.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.16%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36033	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	35417	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	2268	0.35	ug/L	92
13) Acetone	2.665	43	4791	3.16	ug/L	98
27) 1,2-Dichloroethane	5.738	62	922	0.10	ug/L #	78
35) Methylcyclohexane	6.700	83	9380	1.20	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4817	0.68	ug/L #	90
39) cis-1,3-Dichloropropene	7.574	75	1166	0.12	ug/L #	49
42) Toluene	7.976	91	3193	0.13	ug/L	92
48) 2-Hexanone	8.690	43	3871	0.90	ug/L #	90
61) 1,2,3-Trichloropropane	11.819	75	5680	1.40	ug/L #	68

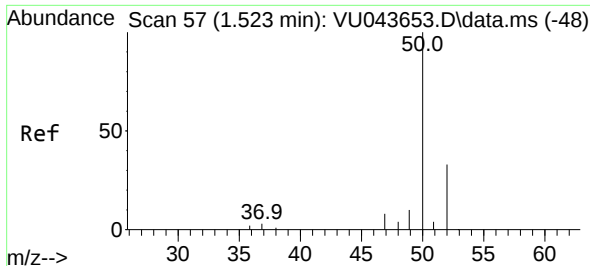
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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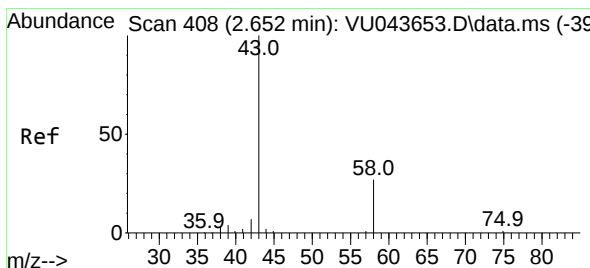
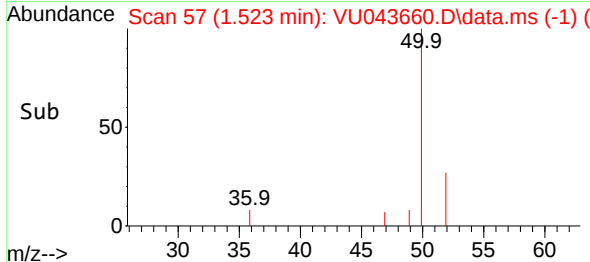
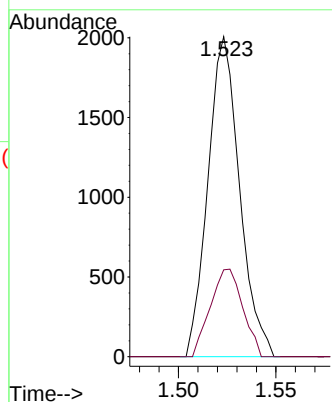
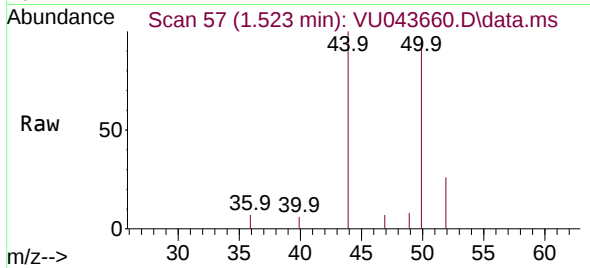




#3
Chloromethane
Concen: 0.35 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043660.D
Acq: 11 May 2021 13:32

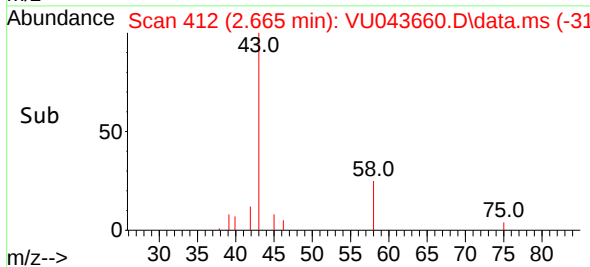
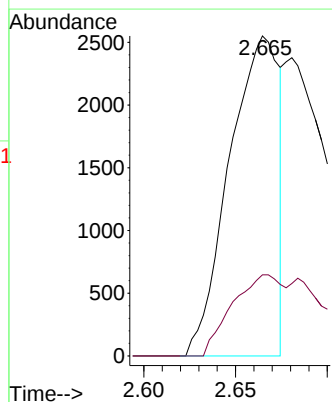
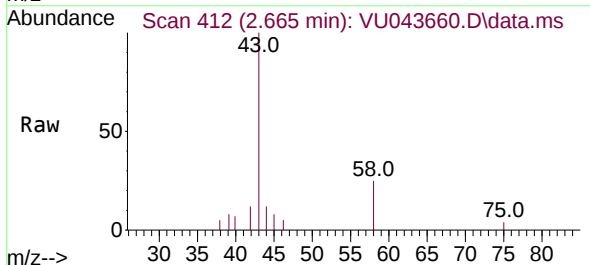
Instrument :
MSVOA_U
ClientSampled :

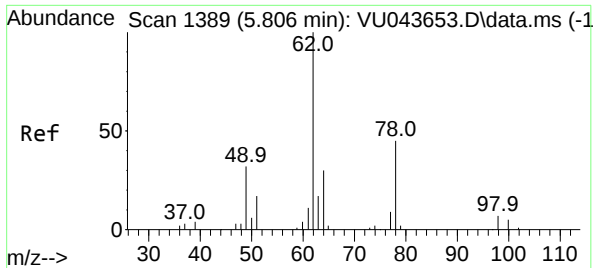
Tgt Ion: 50 Resp: 2268
Ion Ratio Lower Upper
50 100
52 27.2 22.1 41.1



#13
Acetone
Concen: 3.16 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.013 min
Lab File: VU043660.D
Acq: 11 May 2021 13:32

Tgt Ion: 43 Resp: 4791
Ion Ratio Lower Upper
43 100
58 26.3 0.0 50.8

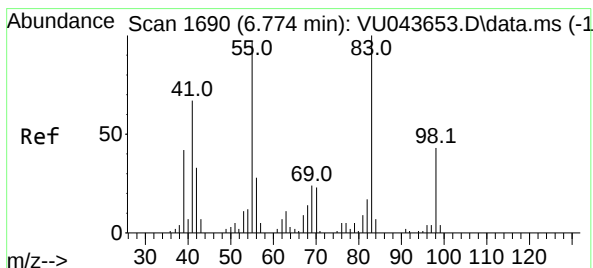
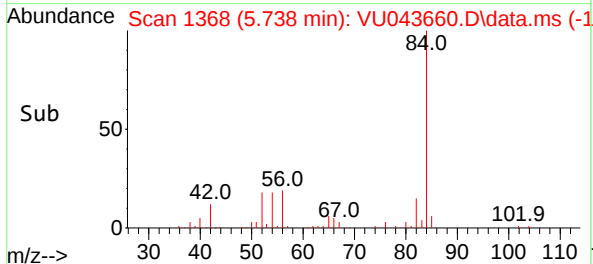
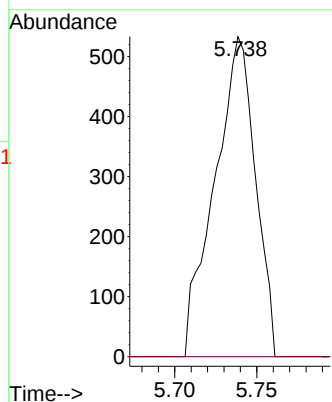
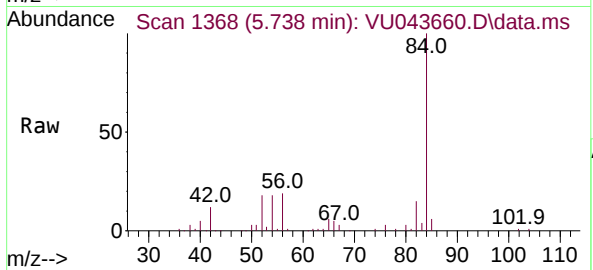




#27
1,2-Dichloroethane
Concen: 0.10 ug/L
RT: 5.738 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU043660.D
Acq: 11 May 2021 13:32

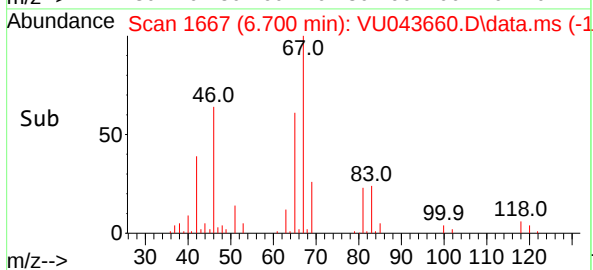
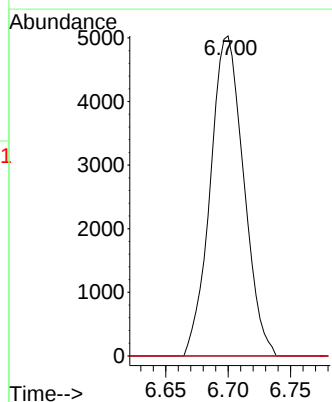
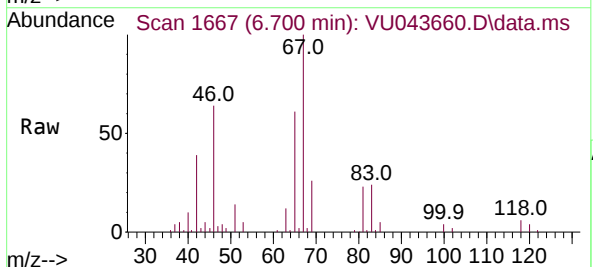
Instrument :
MSVOA_U
ClientSampled :

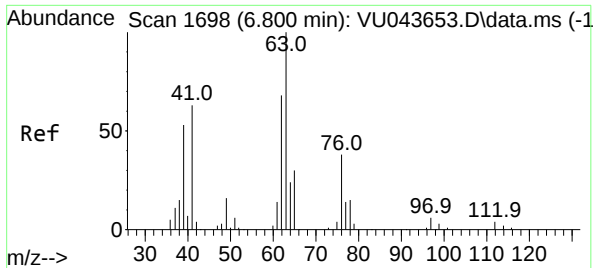
Tgt Ion: 62 Resp: 922
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



#35
Methylcyclohexane
Concen: 1.20 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043660.D
Acq: 11 May 2021 13:32

Tgt Ion: 83 Resp: 9380
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.0 35.5 53.3#

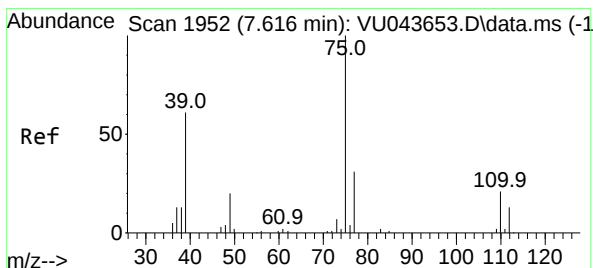
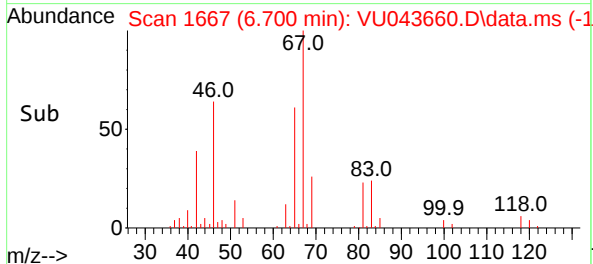
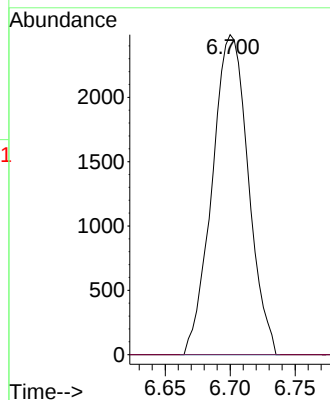
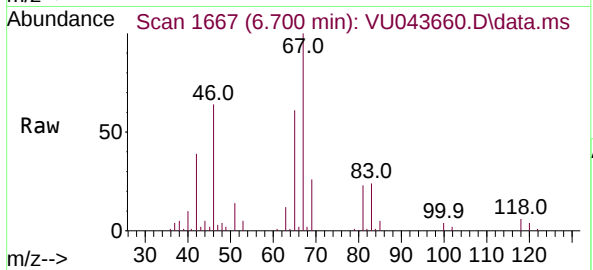




#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043660.D
Acq: 11 May 2021 13:32

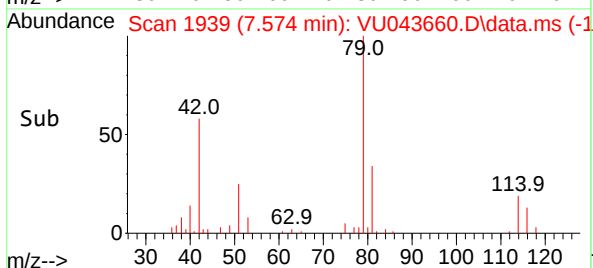
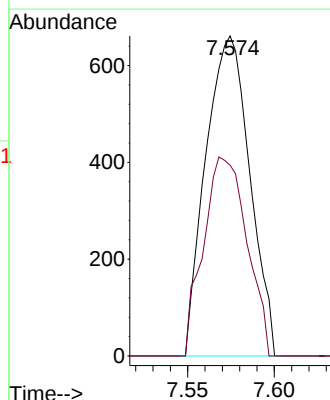
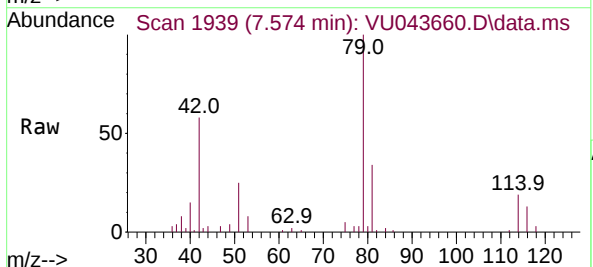
Instrument :
MSVOA_U
ClientSampleId :

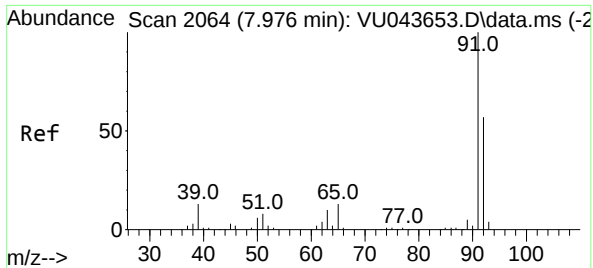
Tgt Ion: 63 Resp: 4817
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043660.D
Acq: 11 May 2021 13:32

Tgt Ion: 75 Resp: 1166
Ion Ratio Lower Upper
75 100
77 59.6 21.9 40.7#

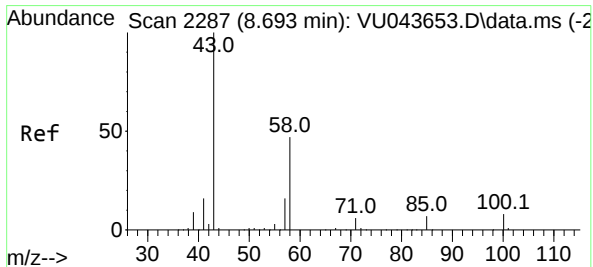
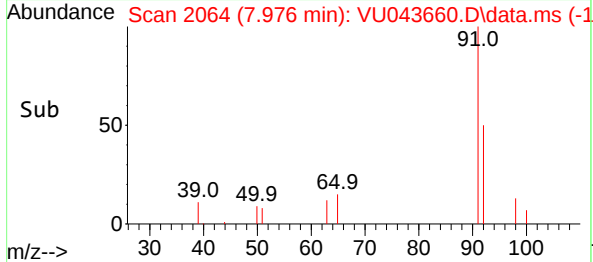
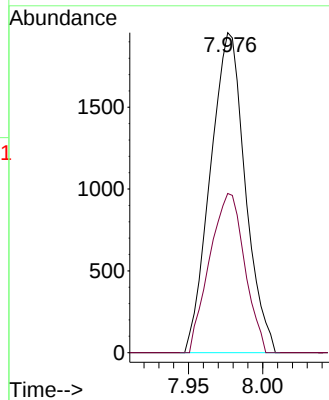
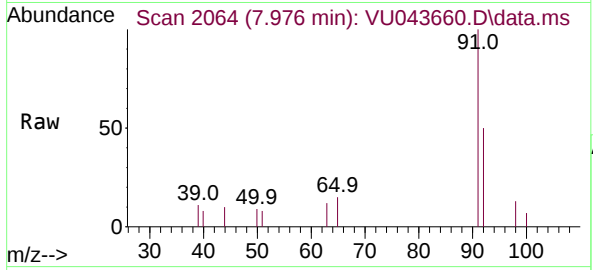




#42
Toluene
Concen: 0.13 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043660.D
Acq: 11 May 2021 13:32

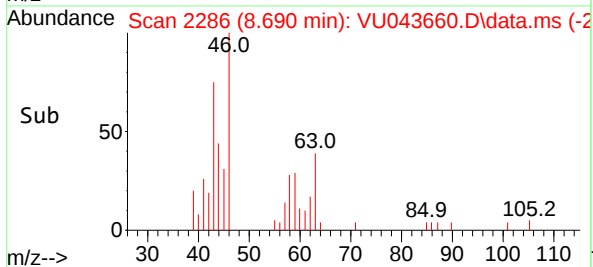
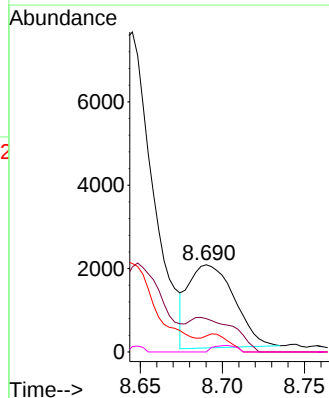
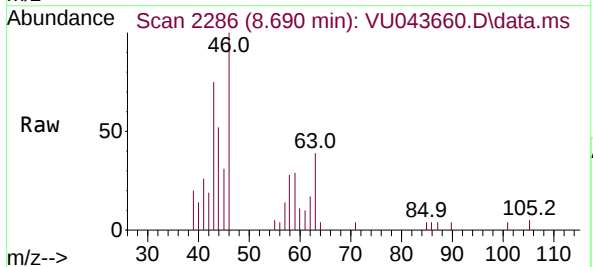
Instrument :
MSVOA_U
ClientSampled :

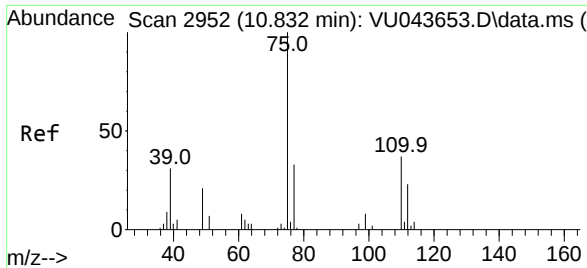
Tgt Ion: 91 Resp: 3193
Ion Ratio Lower Upper
91 100
92 49.7 39.1 72.5



#48
2-Hexanone
Concen: 0.90 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043660.D
Acq: 11 May 2021 13:32

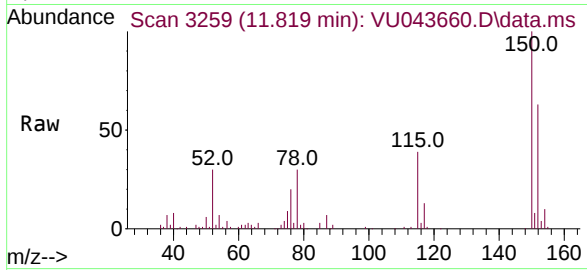
Tgt Ion: 43 Resp: 3871
Ion Ratio Lower Upper
43 100
58 39.3 36.8 55.2
57 12.5 13.2 19.8#
100 3.9 6.5 9.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.40 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043660.D
 Acq: 11 May 2021 13:32

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Tgt Ion: 75 Resp: 5680
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.6 42.8#
 77 31.9 25.7 38.5

