

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042231.D
 Acq On : 03 Feb 2021 13:52
 Operator : SY/MD
 Sample : M1298-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0A54

Quant Time: Feb 04 04:21:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 04:20:04 2021
 Response via : Initial Calibration

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

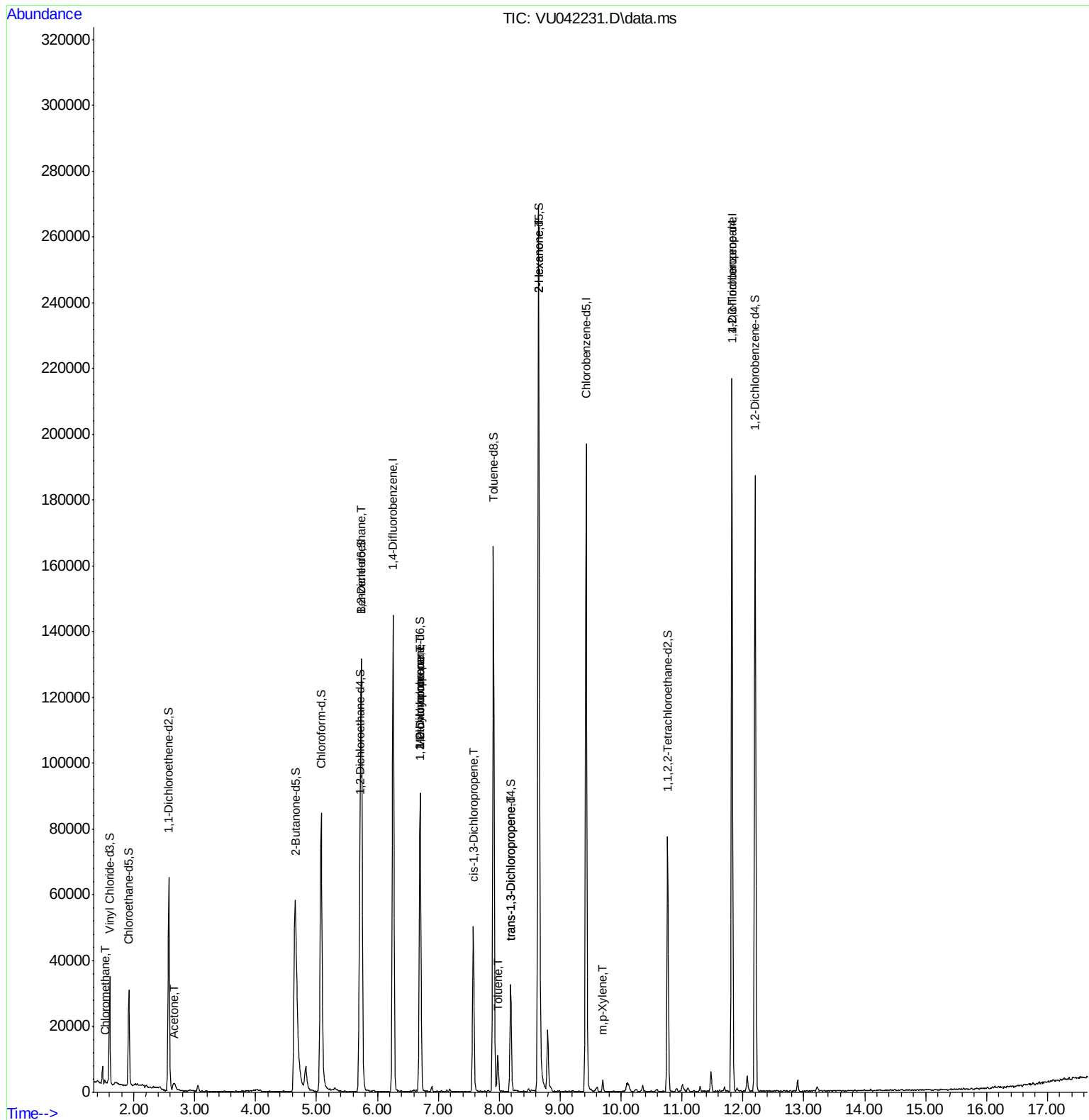
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	113503	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	104654	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	56762	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21939	3.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.00%
7) Chloroethane-d5	1.919	69	20177	3.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.40%
11) 1,1-Dichloroethene-d2	2.575	63	39932	2.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.60%#
20) 2-Butanone-d5	4.652	46	135313	50.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.30%
24) Chloroform-d	5.076	84	64324	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.713	65	40915	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.736	84	111689	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.700	67	40530	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.906	98	103579	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloroprop...	8.186	79	17850	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.645	63	97587	50.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.32%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35747	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	47826	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	675	0.07	ug/L	91
13) Acetone	2.665	43	5566	3.13	ug/L	91
27) 1,2-Dichloroethane	5.736	62	686	0.06	ug/L #	75
35) Methylcyclohexane	6.700	83	9340	0.67	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	4546	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1186	0.09	ug/L #	28
42) Toluene	7.977	91	7520	0.23	ug/L	97
44) trans-1,3-Dichloropropene	8.186	75	667	0.05	ug/L #	1
48) 2-Hexanone	8.645	43	12380	2.57	ug/L #	73
53) m,p-Xylene	9.700	106	924	0.06	ug/L	81
59) 1,2,3-Trichloropropane	11.819	75	6493	1.13	ug/L	94

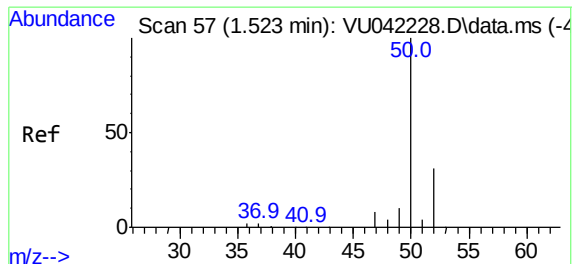
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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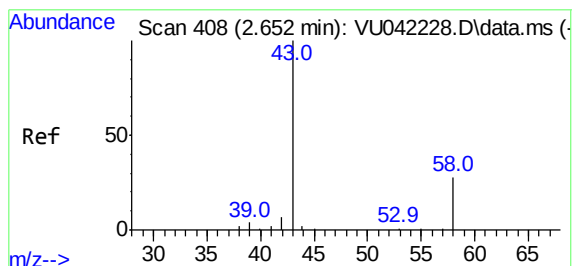
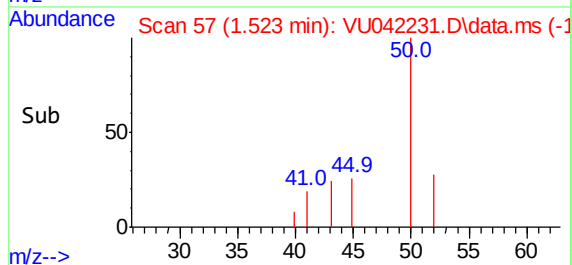
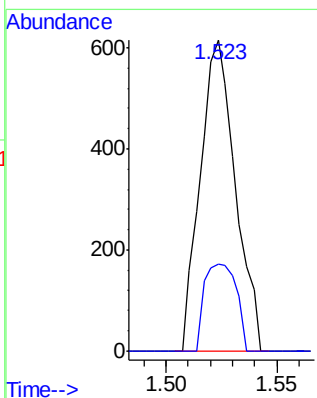
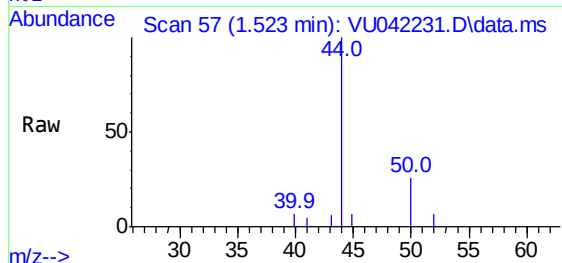




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042231.D
Acq: 03 Feb 2021 13:52

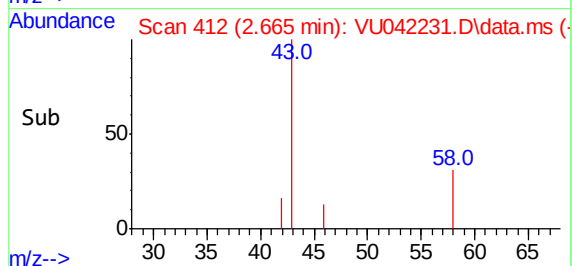
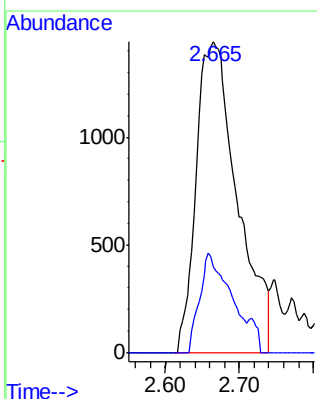
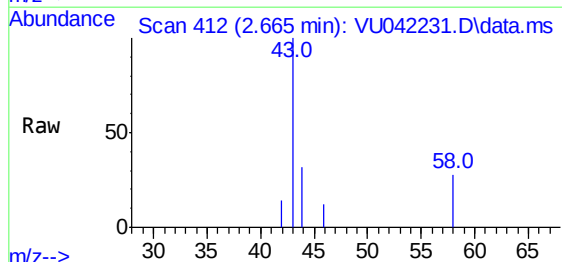
Instrument :
MSVOA_U
ClientSampled :
C0A54

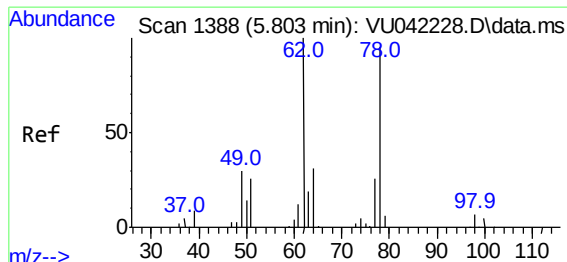
Tgt Ion: 50 Resp: 675
Ion Ratio Lower Upper
50 100
52 27.8 23.0 42.8



#13
Acetone
Concen: 3.13 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.013 min
Lab File: VU042231.D
Acq: 03 Feb 2021 13:52

Tgt Ion: 43 Resp: 5566
Ion Ratio Lower Upper
43 100
58 23.4 0.0 55.8

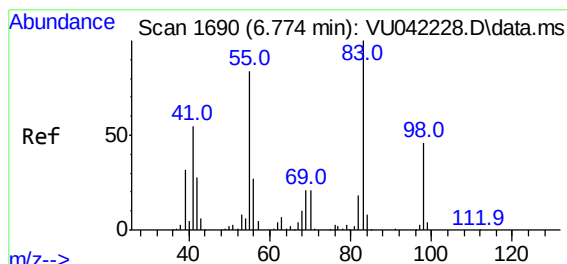
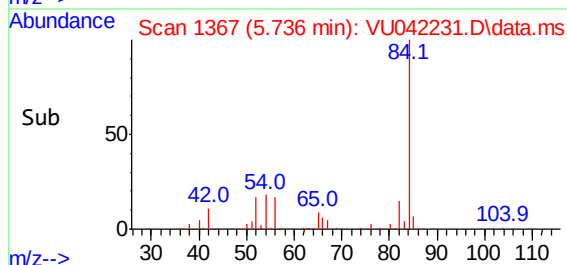
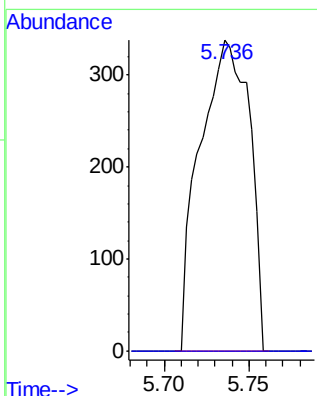
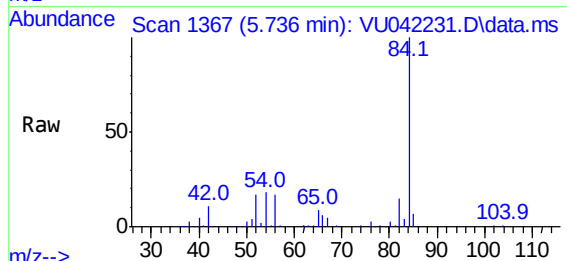




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU042231.D
Acq: 03 Feb 2021 13:52

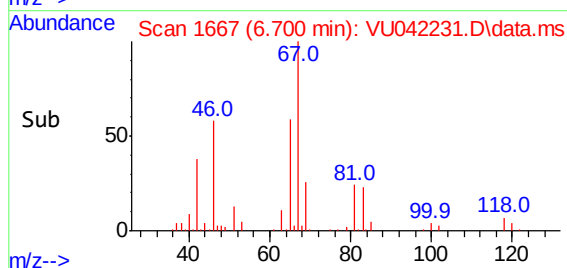
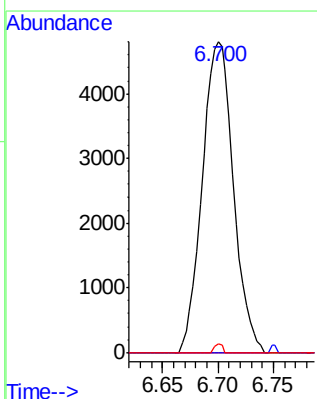
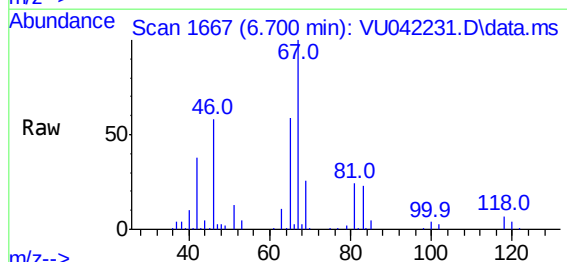
Instrument :
MSVOA_U
ClientSampleId :
C0A54

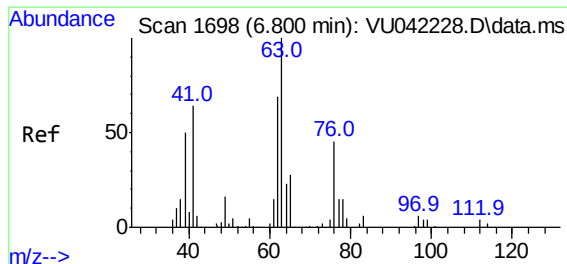
Tgt Ion: 62 Resp: 686
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#35
Methylcyclohexane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042231.D
Acq: 03 Feb 2021 13:52

Tgt Ion: 83 Resp: 9340
Ion Ratio Lower Upper
83 100
55 0.4 68.2 102.4#
98 0.7 39.7 59.5#

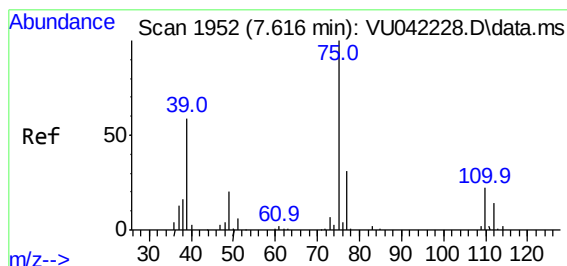
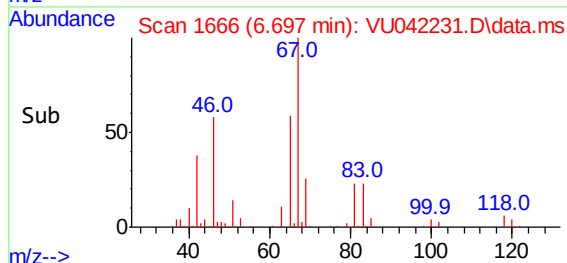
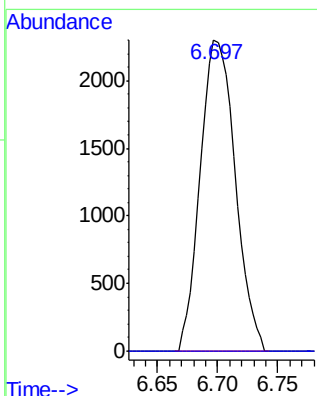
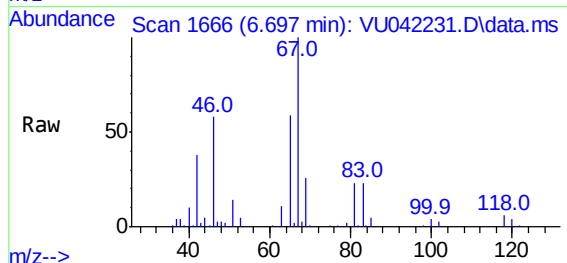




#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042231.D
Acq: 03 Feb 2021 13:52

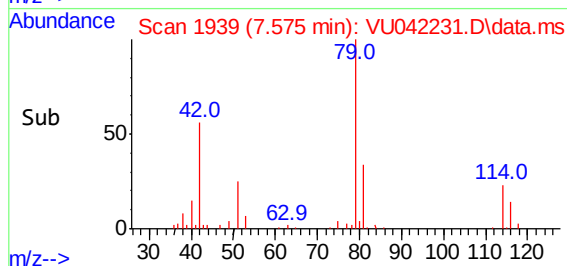
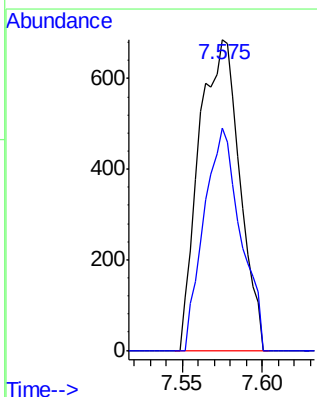
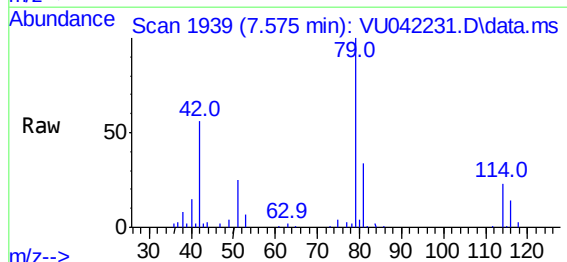
Instrument :
MSVOA_U
ClientSampleId :
C0A54

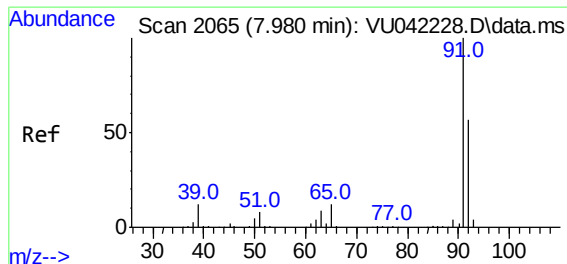
Tgt Ion: 63 Resp: 4546
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042231.D
Acq: 03 Feb 2021 13:52

Tgt Ion: 75 Resp: 1186
Ion Ratio Lower Upper
75 100
77 71.4 22.0 40.8#

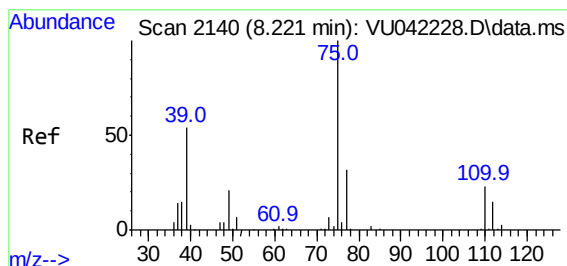
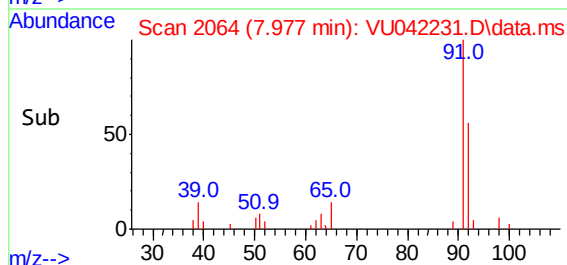
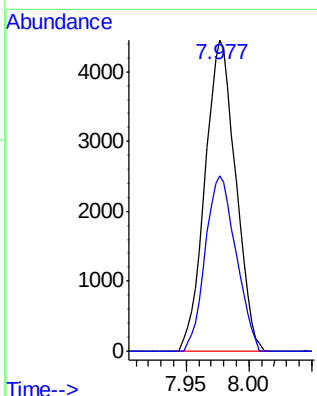
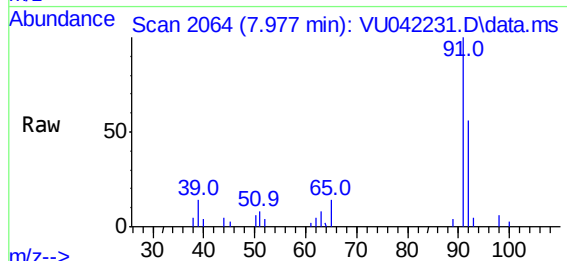




#42
Toluene
Concen: 0.23 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU042231.D
Acq: 03 Feb 2021 13:52

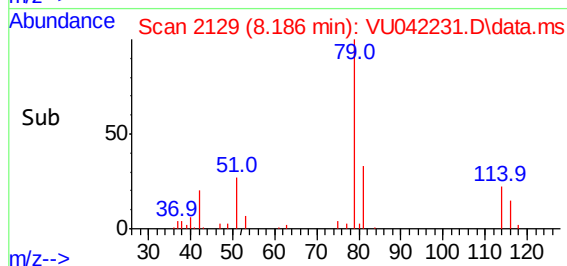
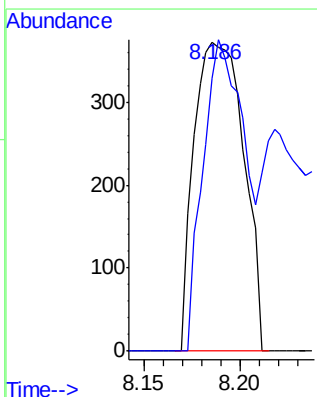
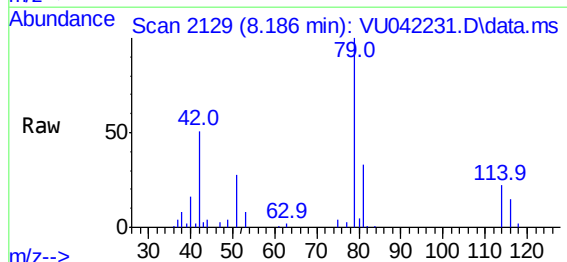
Instrument :
MSVOA_U
ClientSampleId :
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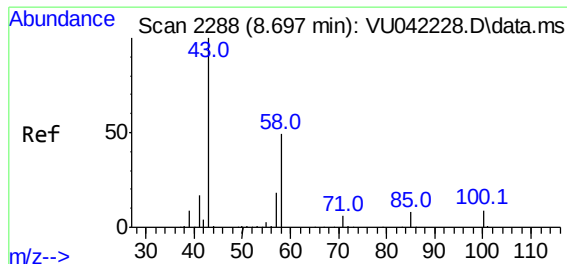
Tgt Ion: 91 Resp: 7520
Ion Ratio Lower Upper
91 100
92 56.4 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042231.D
Acq: 03 Feb 2021 13:52

Tgt Ion: 75 Resp: 667
Ion Ratio Lower Upper
75 100
77 88.2 21.8 40.4#

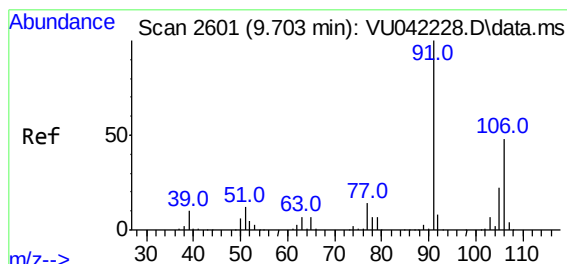
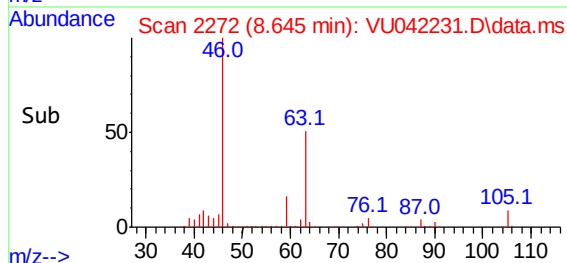
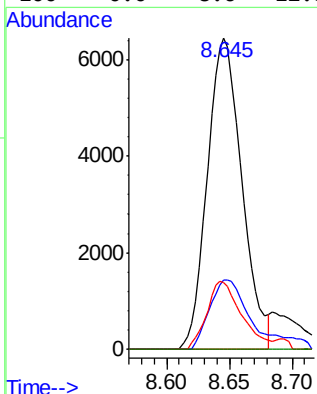
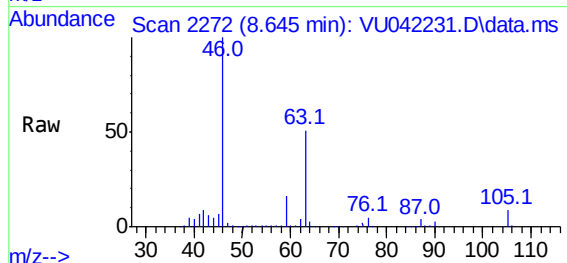




#48
2-Hexanone
Concen: 2.57 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042231.D
Acq: 03 Feb 2021 13:52

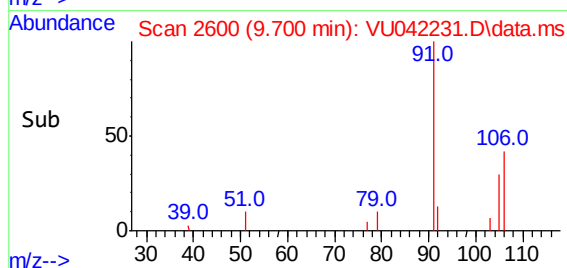
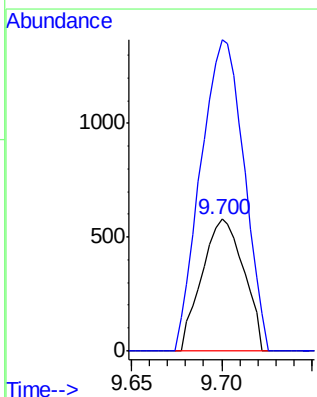
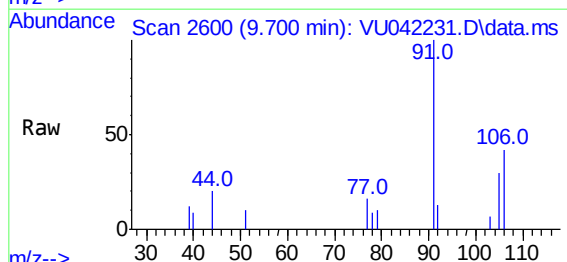
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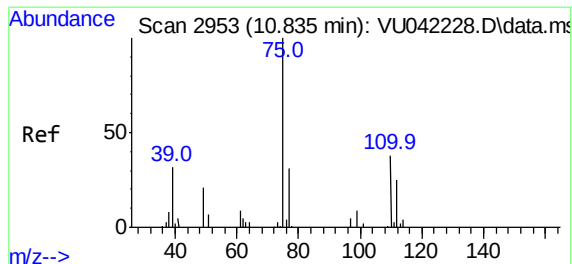
Tgt Ion: 43 Resp: 12380
Ion Ratio Lower Upper
43 100
58 27.2 40.6 61.0#
57 21.9 14.9 22.3
100 0.0 8.6 12.8#



#53
m,p-Xylene
Concen: 0.06 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042231.D
Acq: 03 Feb 2021 13:52

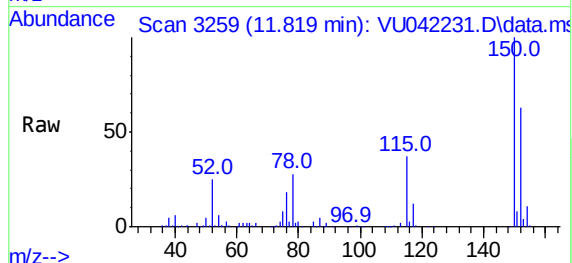
Tgt Ion: 106 Resp: 924
Ion Ratio Lower Upper
106 100
91 236.9 145.1 269.5





#59
 1,2,3-Trichloropropane
 Concen: 1.13 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.984 min
 Lab File: VU042231.D
 Acq: 03 Feb 2021 13:52

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 6493

Ion	Ratio	Lower	Upper
75	100		
77	36.1	26.0	39.0

