

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042244.D
 Acq On : 03 Feb 2021 19:50
 Operator : SY/MD
 Sample : M1259-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E62

Quant Time: Feb 04 04:27:07 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)

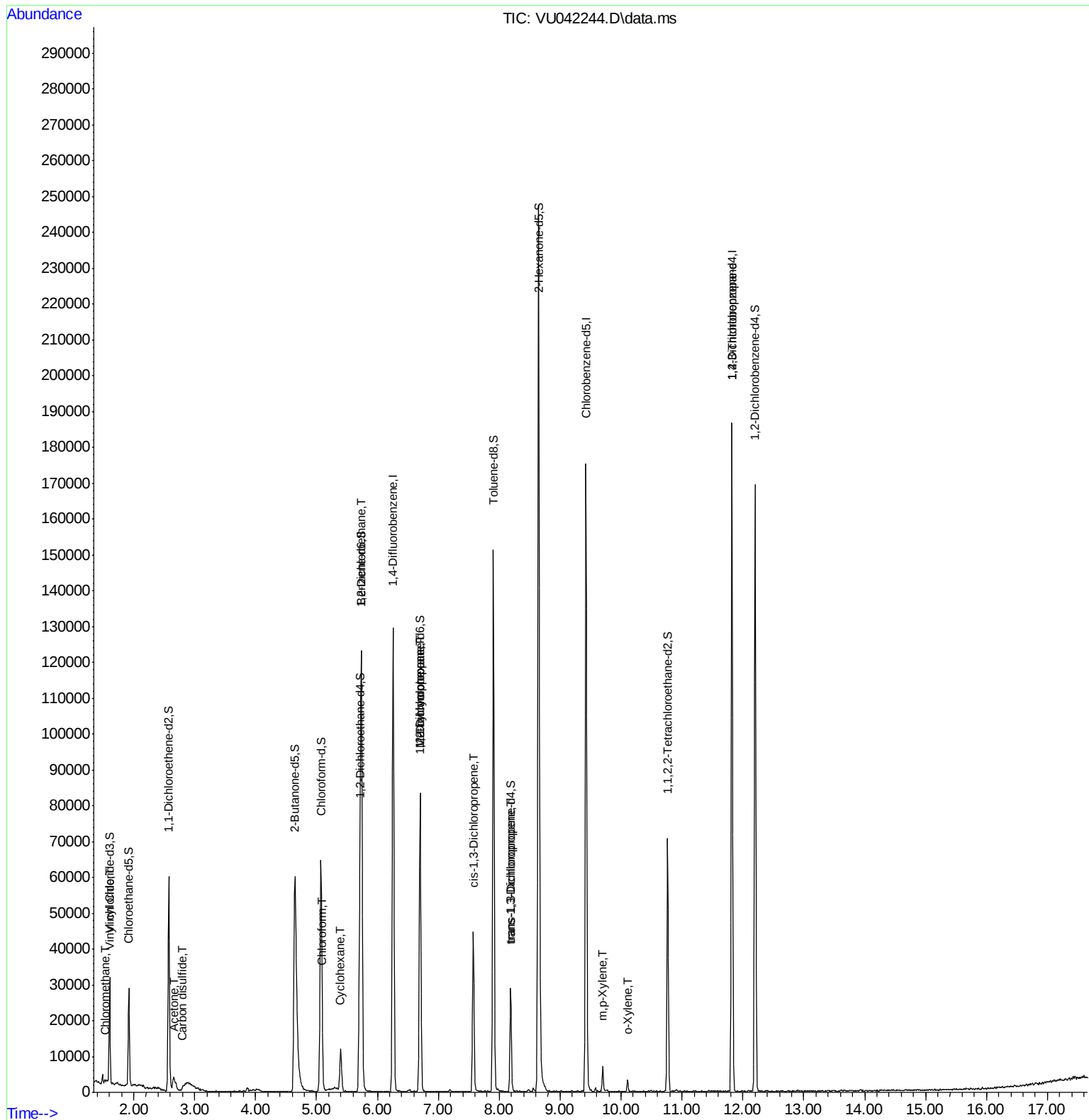
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	102151	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	94646	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	49589	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19151	2.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.20%
7) Chloroethane-d5	1.919	69	18138	3.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.40%
11) 1,1-Dichloroethene-d2	2.575	63	36837	2.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.80%#
20) 2-Butanone-d5	4.646	46	126181	52.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.96%
24) Chloroform-d	5.073	84	58993	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.713	65	37372	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.736	84	103745	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.700	67	37077	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.906	98	95262	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloroprop...	8.189	79	15621	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.645	63	90562	51.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.94%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	31986	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	43198	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%
Target Compounds						
3) Chloromethane	1.523	50	381	0.04	ug/L #	42
5) Vinyl chloride	1.607	62	1234	0.15	ug/L #	59
13) Acetone	2.658	43	8235	5.14	ug/L	81
14) Carbon disulfide	2.803	76	1393	0.06	ug/L #	75
25) Chloroform	5.096	83	784	0.06	ug/L	85
27) 1,2-Dichloroethane	5.732	62	569	0.06	ug/L #	75
30) Cyclohexane	5.395	56	6201	0.46	ug/L	97
35) Methylcyclohexane	6.700	83	8570	0.68	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	4354	0.59	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1096	0.09	ug/L #	42
44) trans-1,3-Dichloropropene	8.186	75	680	0.06	ug/L #	52
53) m,p-Xylene	9.700	106	2003	0.15	ug/L	95
54) o-Xylene	10.108	106	928	0.07	ug/L	99
59) 1,2,3-Trichloropropane	11.822	75	5553	1.07	ug/L	91

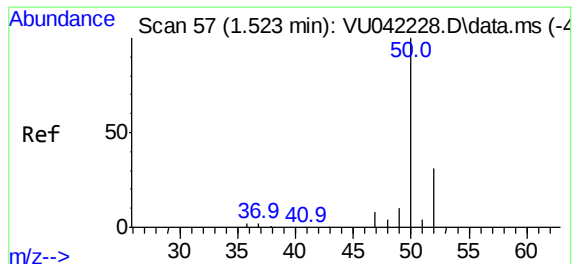
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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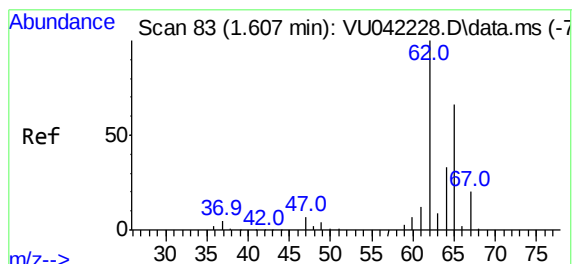
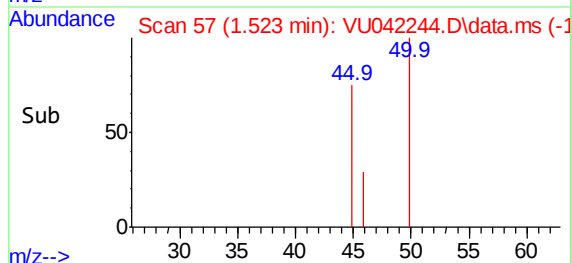
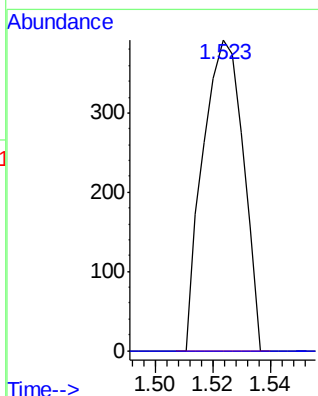
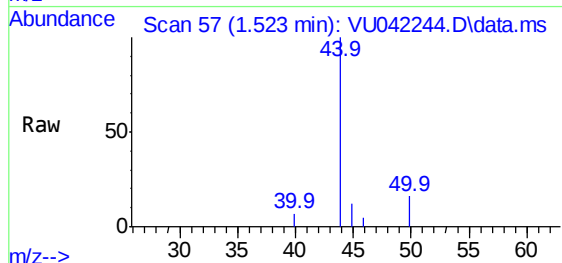




#3
Chloromethane
Concen: 0.04 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042244.D
Acq: 03 Feb 2021 19:50

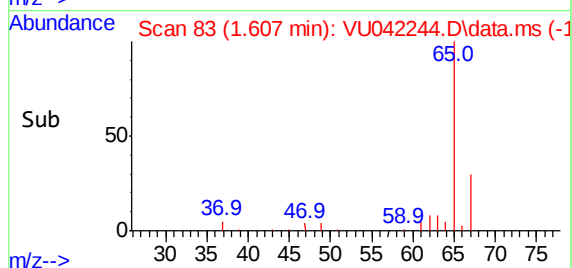
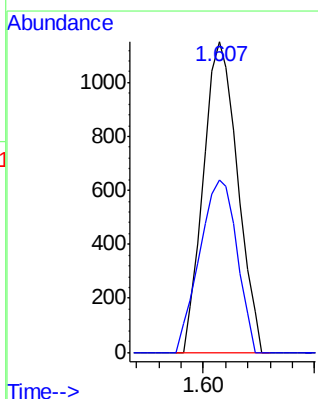
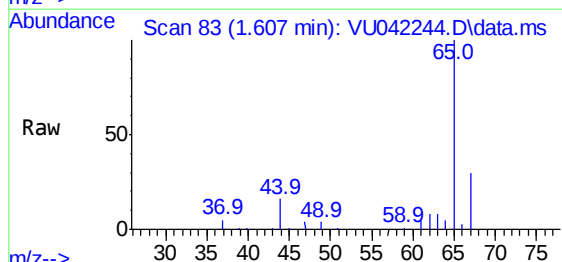
Instrument :
MSVOA_U
ClientSampled :
F1E62

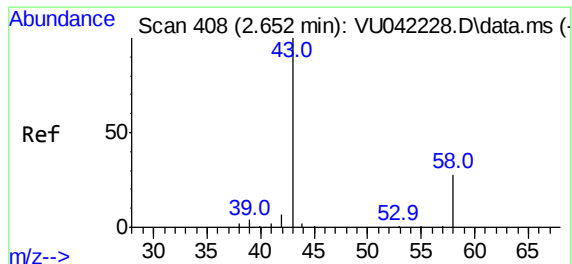
Tgt Ion: 50 Resp: 381
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#5
Vinyl chloride
Concen: 0.15 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU042244.D
Acq: 03 Feb 2021 19:50

Tgt Ion: 62 Resp: 1234
Ion Ratio Lower Upper
62 100
64 55.6 22.7 42.1#

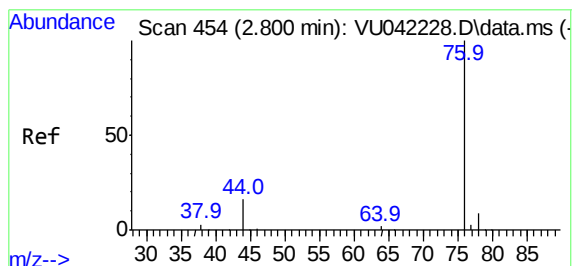
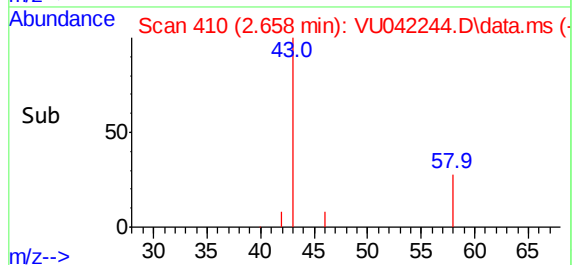
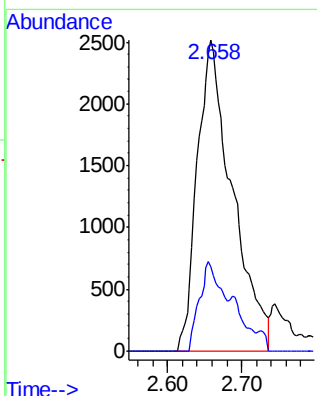
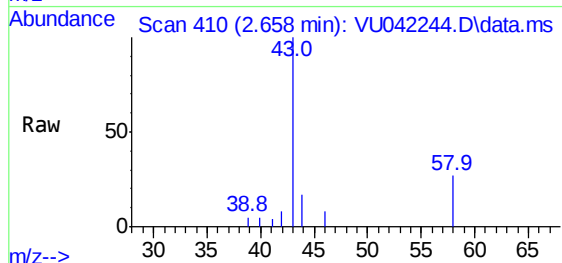




#13
Acetone
Concen: 5.14 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.007 min
Lab File: VU042244.D
Acq: 03 Feb 2021 19:50

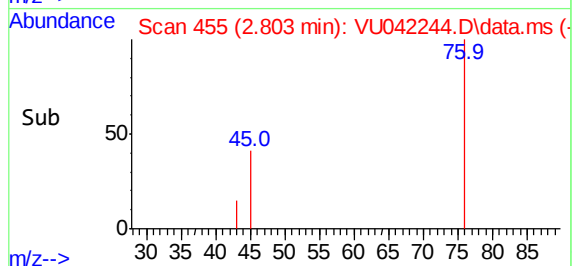
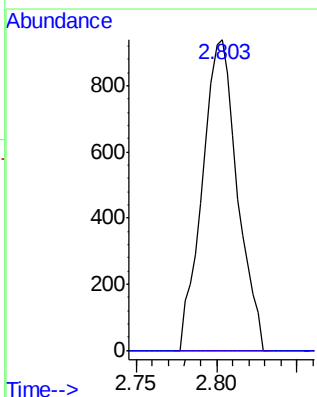
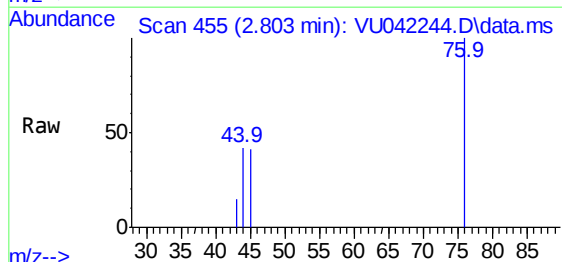
Instrument :
MSVOA_U
ClientSampled :
F1E62

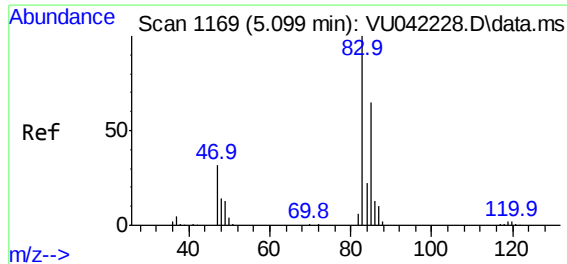
Tgt Ion: 43 Resp: 8235
Ion Ratio Lower Upper
43 100
58 18.1 0.0 55.8



#14
Carbon disulfide
Concen: 0.06 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042244.D
Acq: 03 Feb 2021 19:50

Tgt Ion: 76 Resp: 1393
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

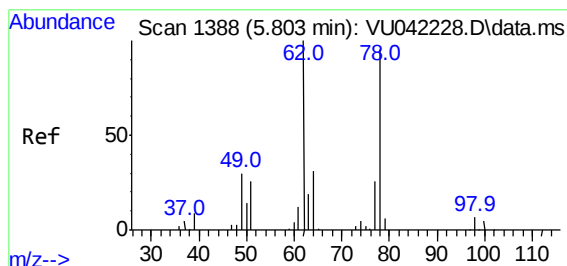
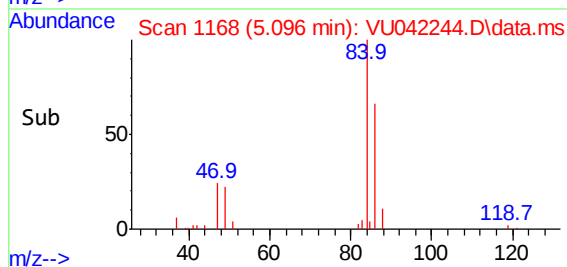
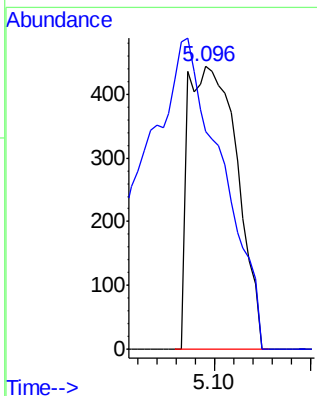
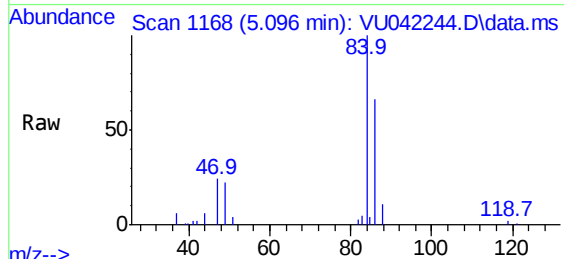




#25
Chloroform
Concen: 0.06 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042244.D
Acq: 03 Feb 2021 19:50

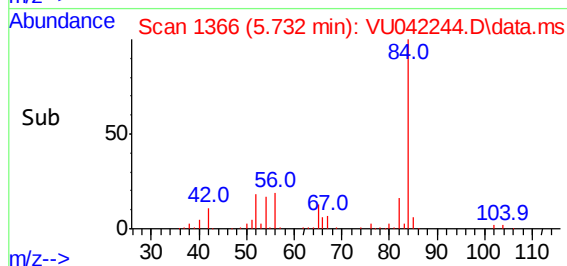
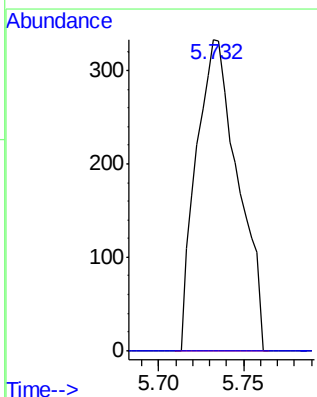
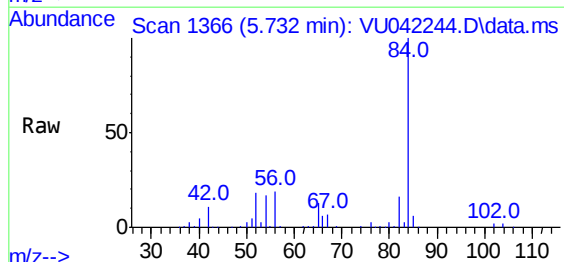
Instrument :
MSVOA_U
ClientSampled :
F1E62

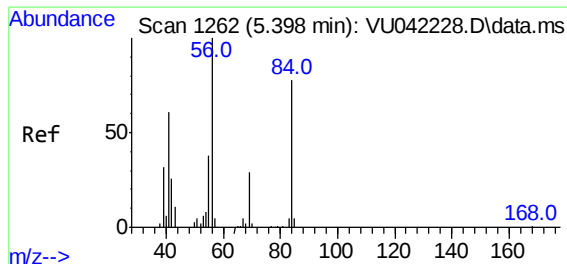
Tgt Ion: 83 Resp: 784
Ion Ratio Lower Upper
83 100
85 77.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042244.D
Acq: 03 Feb 2021 19:50

Tgt Ion: 62 Resp: 569
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



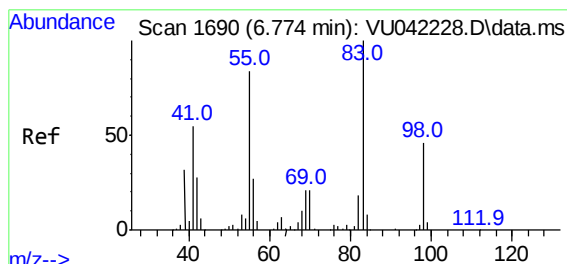
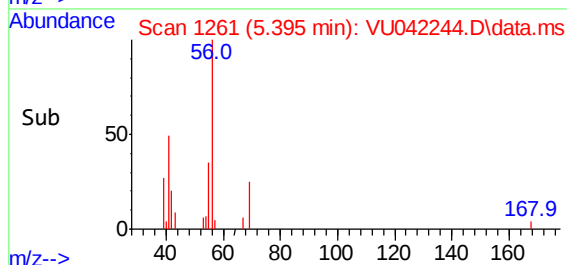
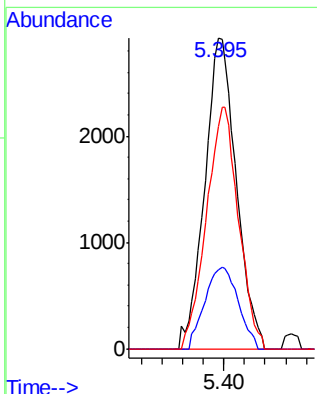
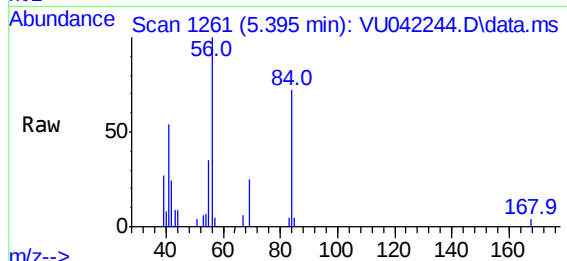


#30
Cyclohexane
Concen: 0.46 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU042244.D
Acq: 03 Feb 2021 19:50

Instrument :
MSVOA_U
ClientSampleId :
F1E62

Tgt Ion: 56 Resp: 6201

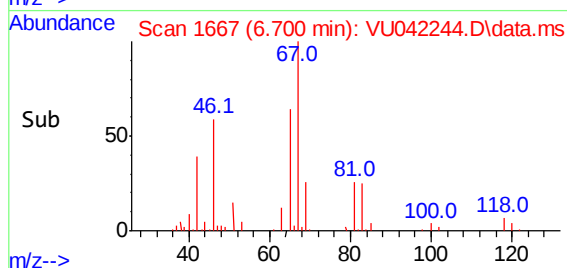
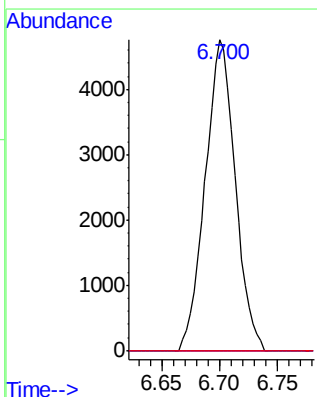
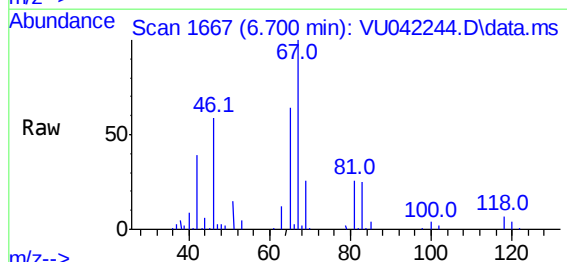
Ion	Ratio	Lower	Upper
56	100		
69	27.8	23.7	35.5
84	79.0	65.3	97.9

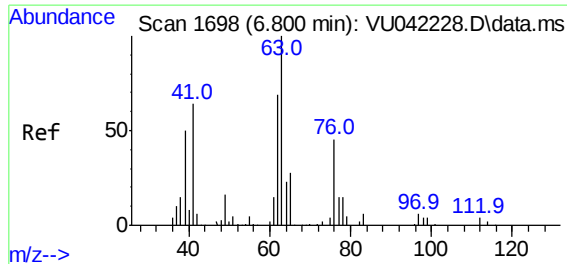


#35
Methylcyclohexane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042244.D
Acq: 03 Feb 2021 19:50

Tgt Ion: 83 Resp: 8570

Ion	Ratio	Lower	Upper
83	100		
55	0.5	68.2	102.4#
98	0.0	39.7	59.5#

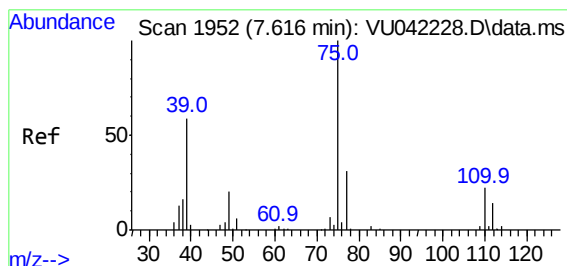
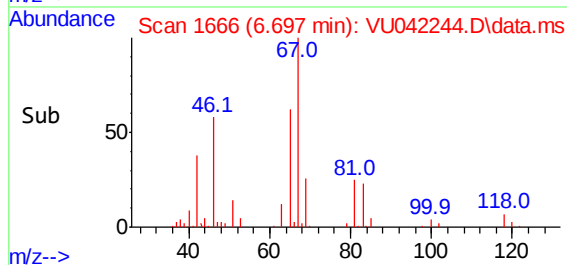
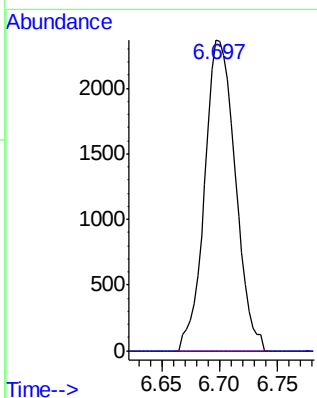
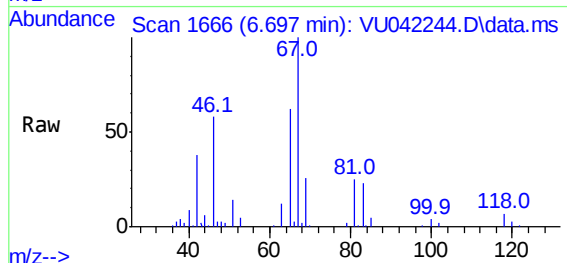




#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042244.D
Acq: 03 Feb 2021 19:50

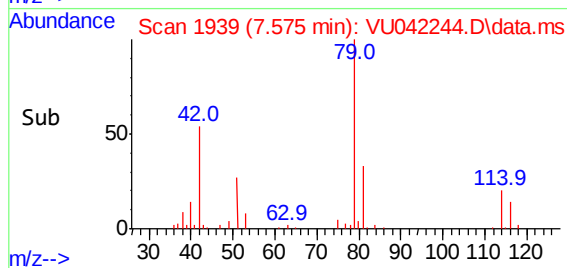
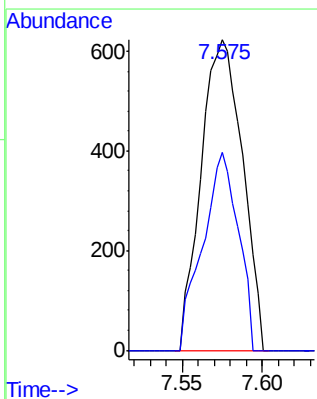
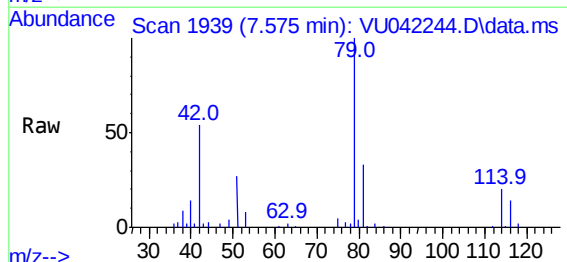
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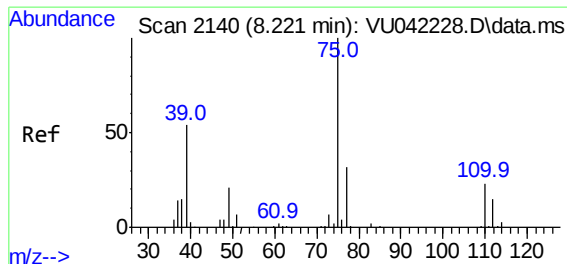
Tgt Ion: 63 Resp: 4354
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042244.D
Acq: 03 Feb 2021 19:50

Tgt Ion: 75 Resp: 1096
Ion Ratio Lower Upper
75 100
77 63.7 22.0 40.8#



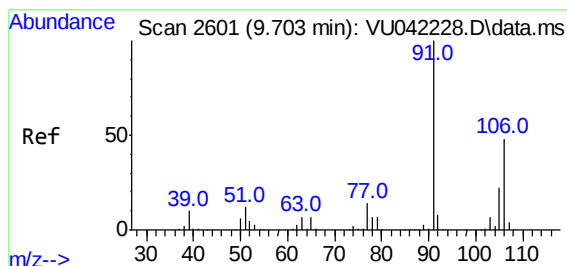
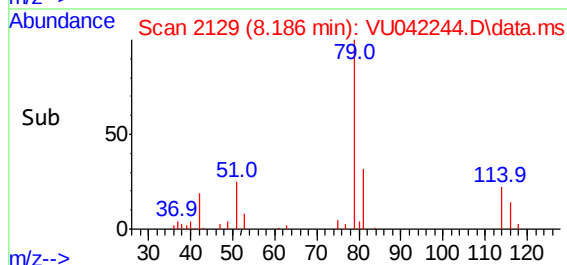
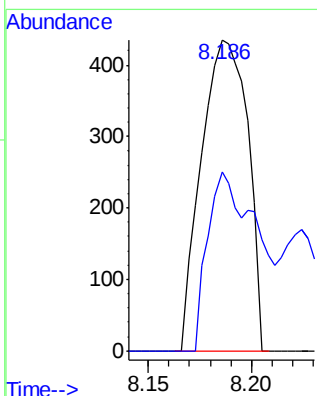
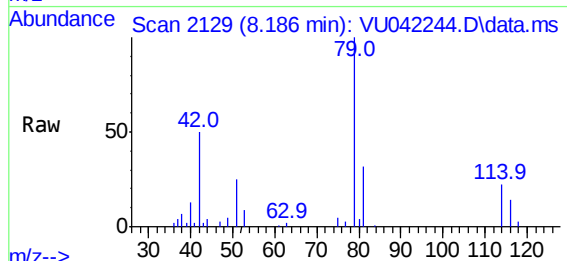


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042244.D
Acq: 03 Feb 2021 19:50

Instrument :
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ClientSampled :
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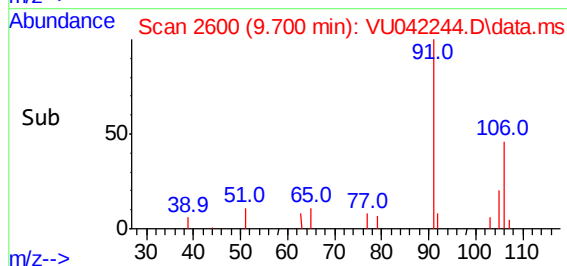
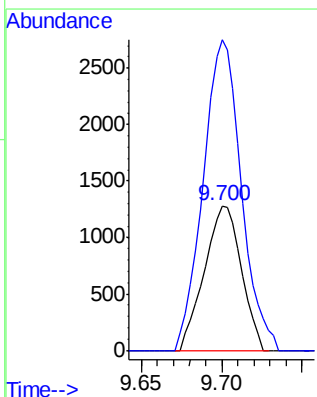
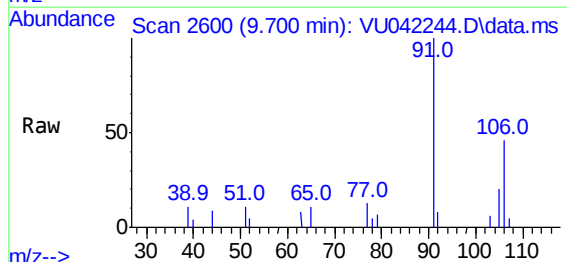
Tgt Ion: 75 Resp: 680
Ion Ratio Lower Upper
75 100
77 57.7 21.8 40.4#

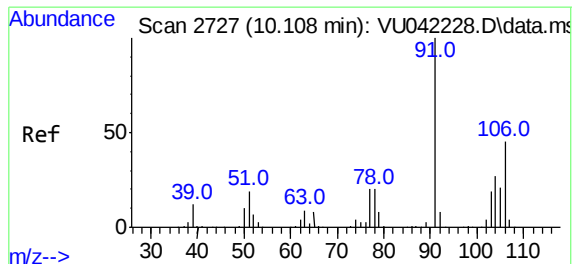


#53

m,p-Xylene
Concen: 0.15 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042244.D
Acq: 03 Feb 2021 19:50

Tgt Ion: 106 Resp: 2003
Ion Ratio Lower Upper
106 100
91 215.2 145.1 269.5

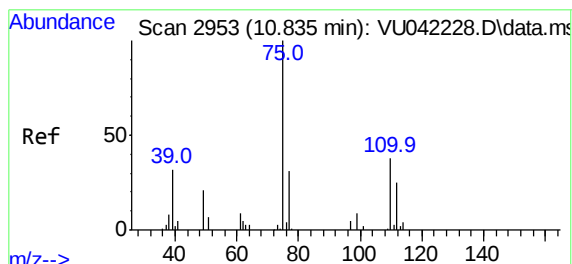
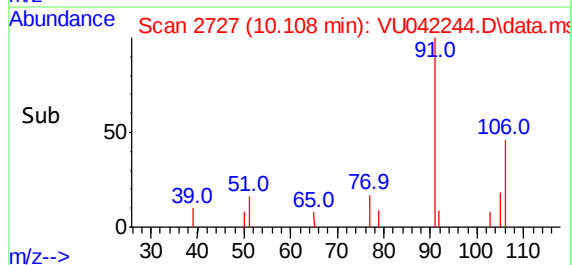
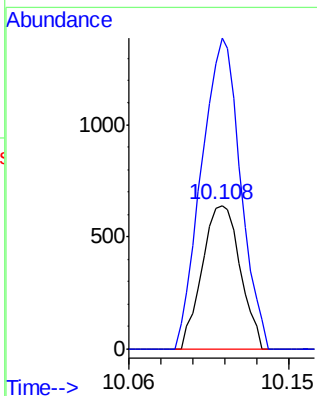
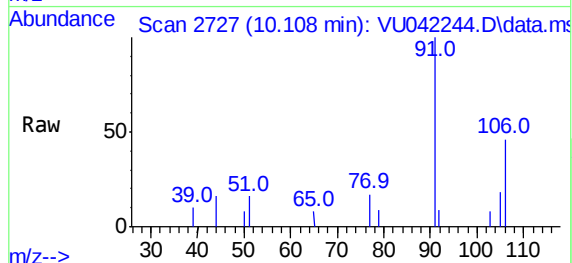




#54
o-Xylene
Concen: 0.07 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042244.D
Acq: 03 Feb 2021 19:50

Instrument :
MSVOA_U
ClientSampled :
F1E62

Tgt Ion:106 Resp: 928
Ion Ratio Lower Upper
106 100
91 216.7 153.0 284.2



#59
1,2,3-Trichloropropane
Concen: 1.07 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.987 min
Lab File: VU042244.D
Acq: 03 Feb 2021 19:50

Tgt Ion: 75 Resp: 5553
Ion Ratio Lower Upper
75 100
77 37.6 26.0 39.0

