

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042642.D
 Acq On : 13 Mar 2021 04:49
 Operator : SY/MD
 Sample : M1676-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE2

Quant Time: Mar 13 06:46:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 06:39:26 2021
 Response via : Initial Calibration

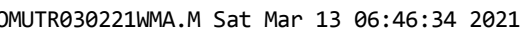
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

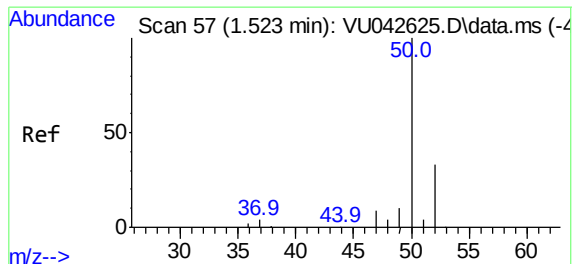
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	75371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	72932	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	32891	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21191	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.919	69	19204	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.572	63	37481	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.649	46	83151	50.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.80%
24) Chloroform-d	5.073	84	49076	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.710	65	33595	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.736	84	87336	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	30054	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.906	98	83046	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloroprop...	8.189	79	10879	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.645	63	63460	49.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.36%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25115	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	30643	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%
Target Compounds						
3) Chloromethane	1.523	50	303	0.05	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	324	0.06	ug/L #	18
15) Methyl Acetate	2.954	43	420	0.13	ug/L #	55
22) cis-1,2-Dichloroethene	4.678	96	4336	0.73	ug/L	98
30) Cyclohexane	5.391	56	1027	0.10	ug/L #	84
33) Benzene	5.784	78	1030	0.05	ug/L	100
35) Methylcyclohexane	6.777	83	1742	0.18	ug/L	96
37) 1,2-Dichloropropane	6.697	63	3981	0.65	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	876	0.10	ug/L	86
42) Toluene	7.977	91	3432	0.14	ug/L	99
44) trans-1,3-Dichloropropene	8.189	75	440	0.05	ug/L #	45
45) 1,1,2-Trichloroethane	8.559	97	4181	0.92	ug/L #	16
47) Tetrachloroethene	8.562	164	441343	85.57	ug/L	99
48) 2-Hexanone	8.645	43	9881	2.49	ug/L #	72
49) Dibromochloromethane	8.562	129	402896	70.86	ug/L #	12
53) m,p-Xylene	9.700	106	932	0.09	ug/L	89
59) 1,2,3-Trichloropropane	10.636	75	649	0.14	ug/L #	42

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

Instrument :
MSVOA_U
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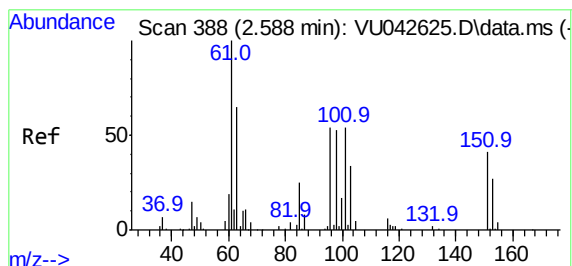
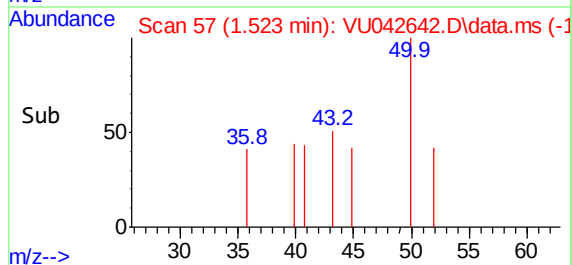
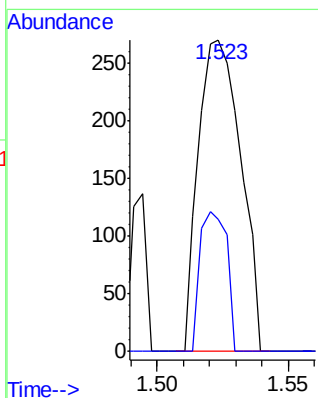
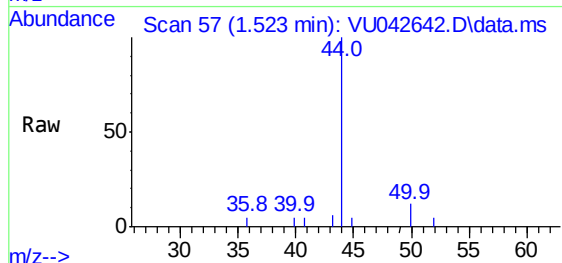




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

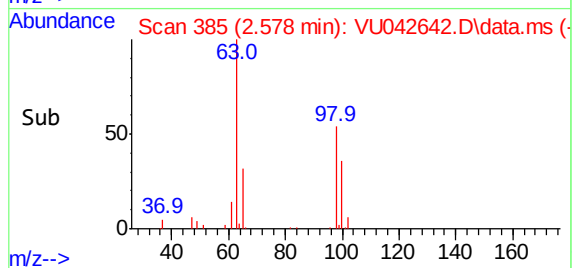
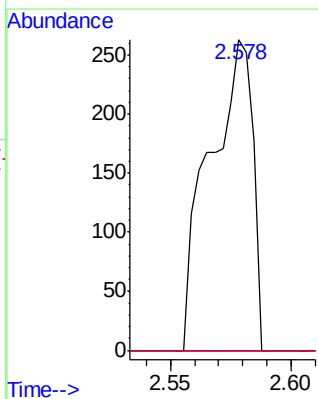
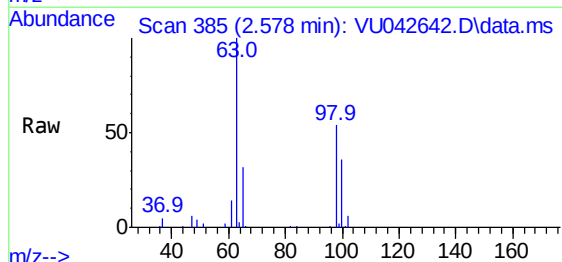
Instrument :
MSVOA_U
ClientSampleId :
C0AE2

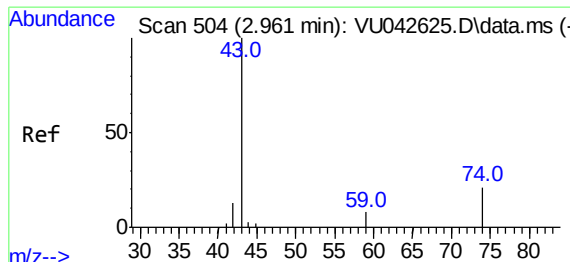
Tgt Ion: 50 Resp: 303
Ion Ratio Lower Upper
50 100
52 42.2 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

Tgt Ion: 101 Resp: 324
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

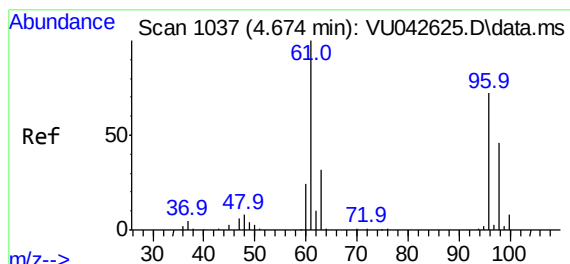
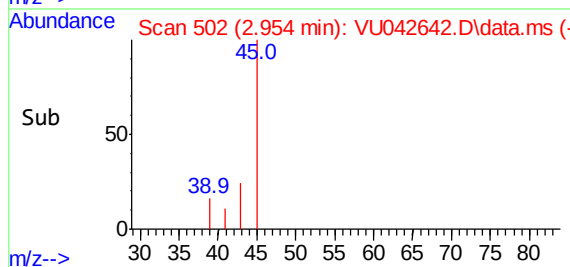
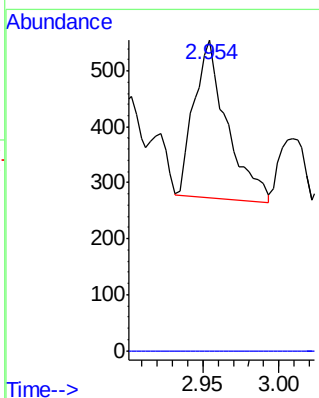
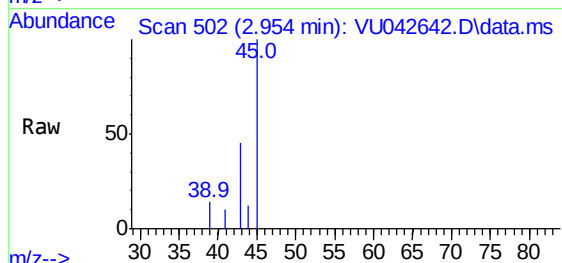




#15
Methyl Acetate
Concen: 0.13 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.006 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

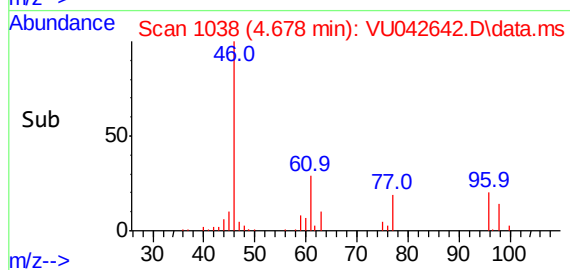
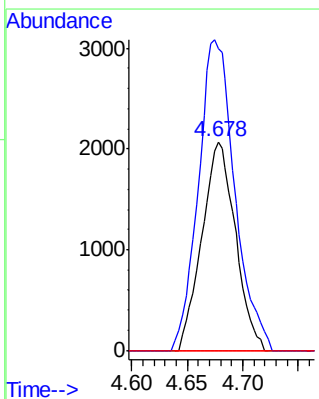
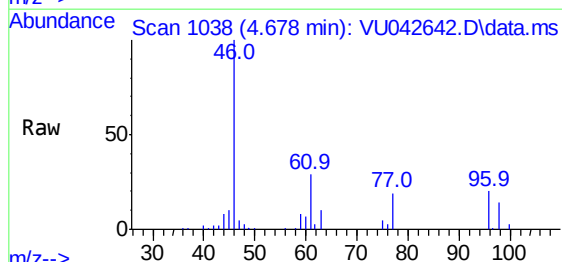
Instrument :
MSVOA_U
ClientSampleId :
C0AE2

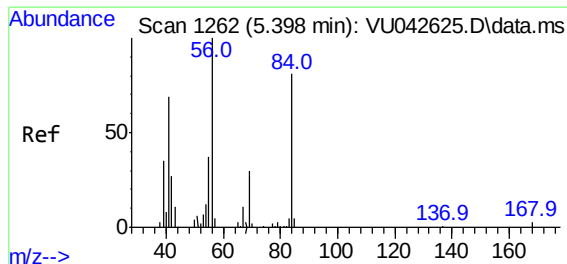
Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#22
cis-1,2-Dichloroethene
Concen: 0.73 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

Tgt Ion: 96 Resp: 4336
Ion Ratio Lower Upper
96 100
61 136.8 97.8 181.6
68 0.0 0.0 0.0

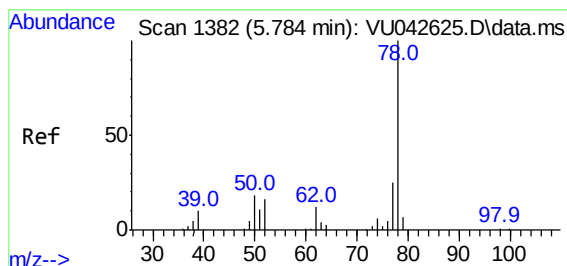
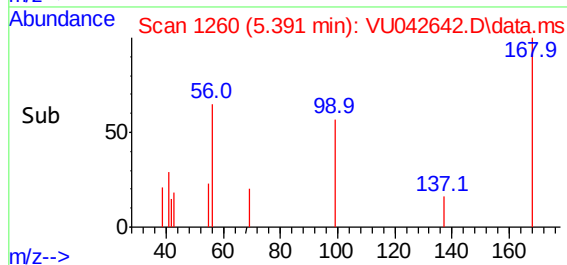
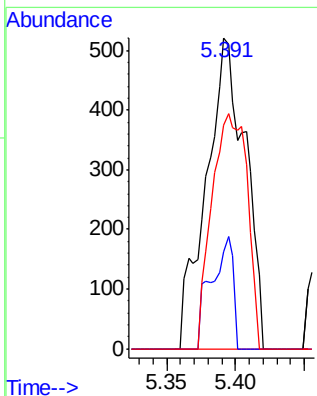
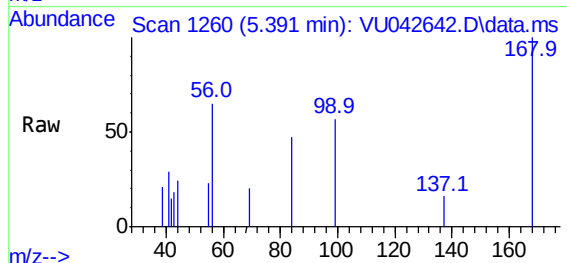




#30
Cyclohexane
Concen: 0.10 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

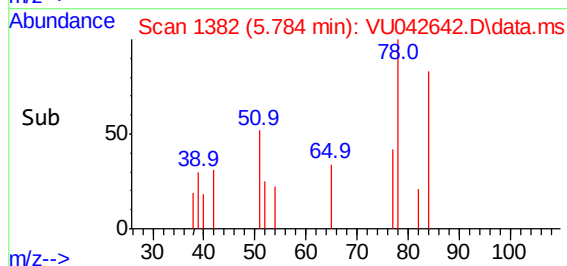
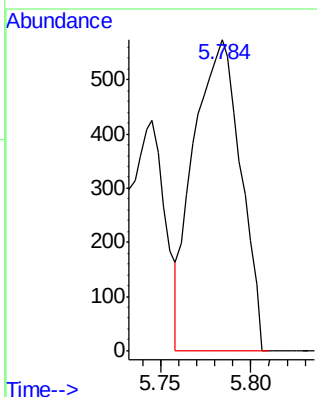
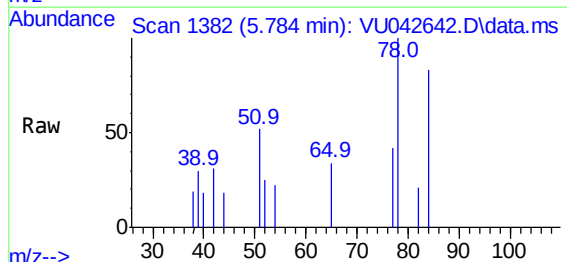
Instrument :
MSVOA_U
ClientSampled :
C0AE2

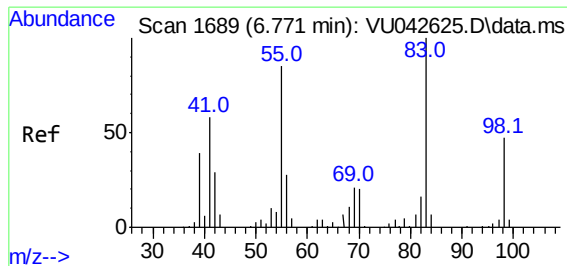
Tgt Ion: 56 Resp: 1027
Ion Ratio Lower Upper
56 100
69 20.3 23.7 35.5#
84 68.3 65.3 97.9



#33
Benzene
Concen: 0.05 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

Tgt Ion: 78 Resp: 1030

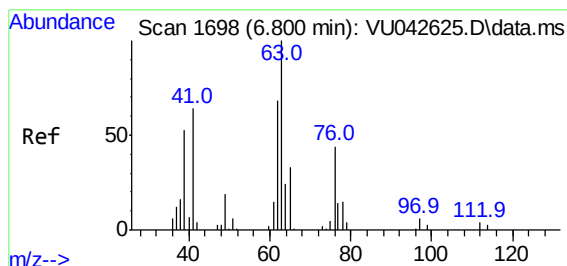
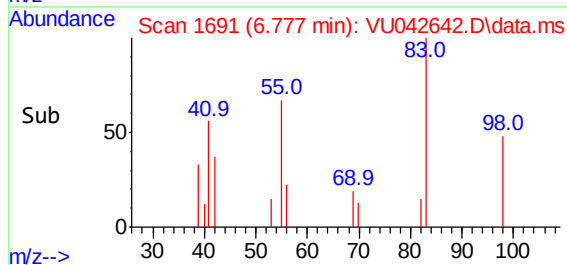
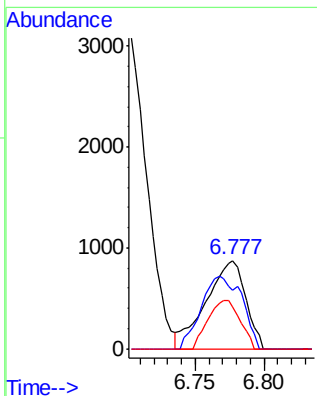
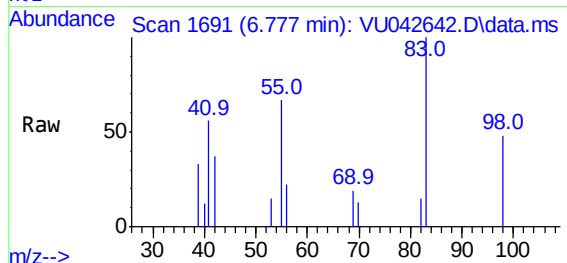




#35
Methylcyclohexane
Concen: 0.18 ug/L
RT: 6.777 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

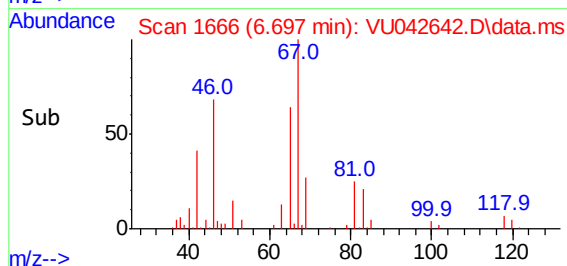
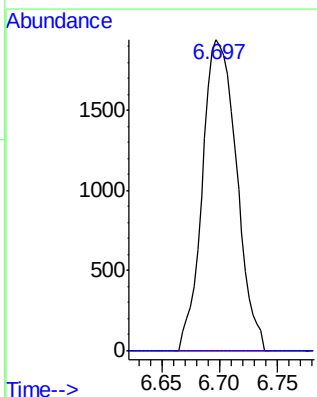
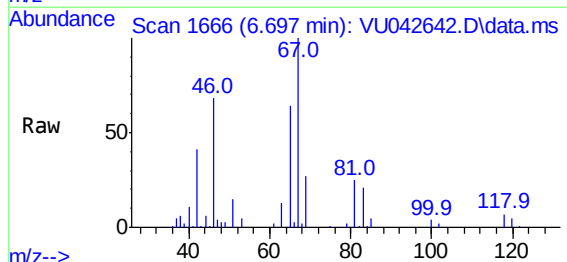
Instrument :
MSVOA_U
ClientSampled :
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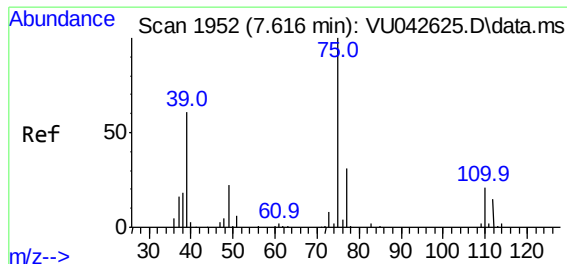
Tgt Ion: 83 Resp: 1742
Ion Ratio Lower Upper
83 100
55 84.4 68.2 102.4
98 44.2 39.7 59.5



#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

Tgt Ion: 63 Resp: 3981
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

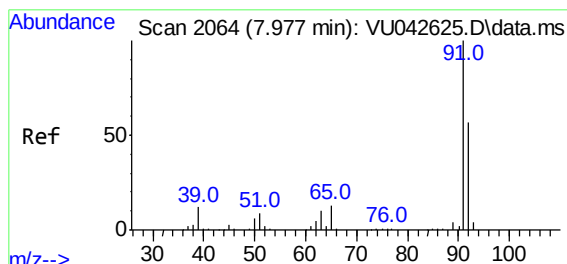
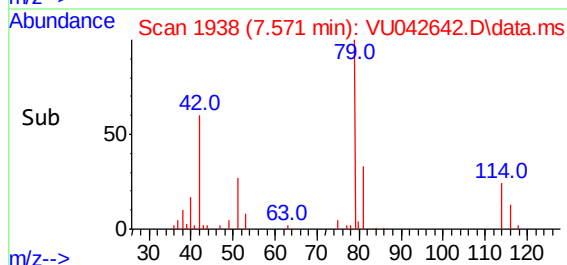
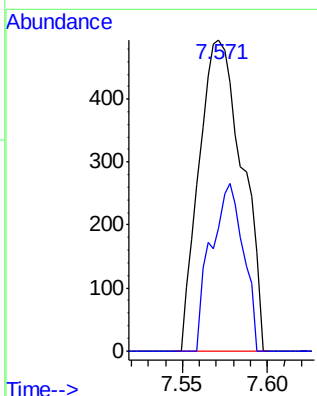
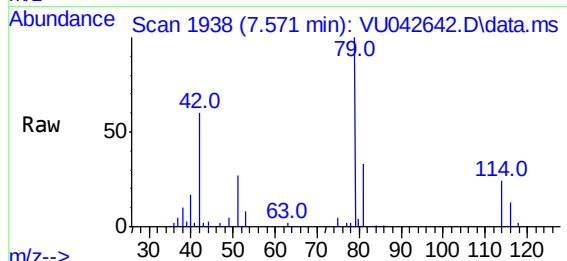




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

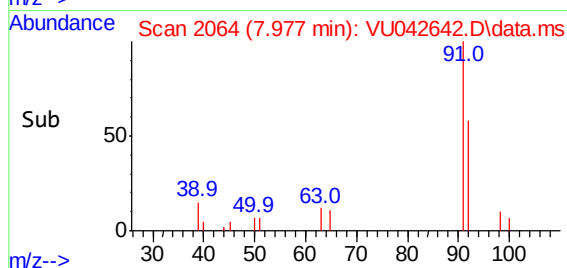
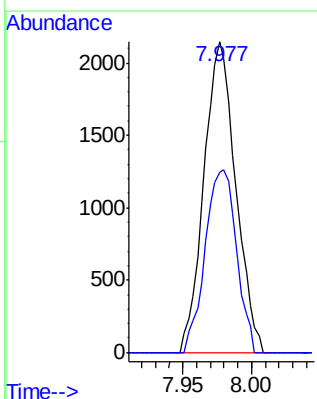
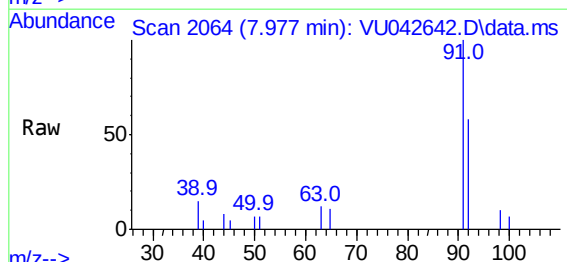
Instrument :
MSVOA_U
ClientSampleId :
C0AE2

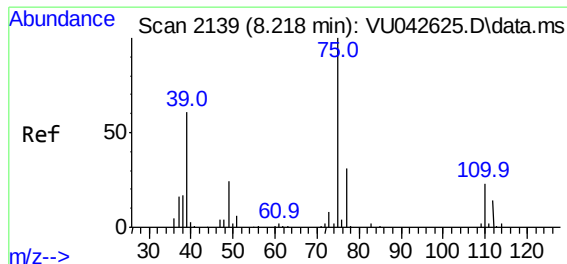
Tgt Ion: 75 Resp: 876
Ion Ratio Lower Upper
75 100
77 39.3 22.0 40.8



#42
Toluene
Concen: 0.14 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

Tgt Ion: 91 Resp: 3432
Ion Ratio Lower Upper
91 100
92 57.8 41.2 76.6



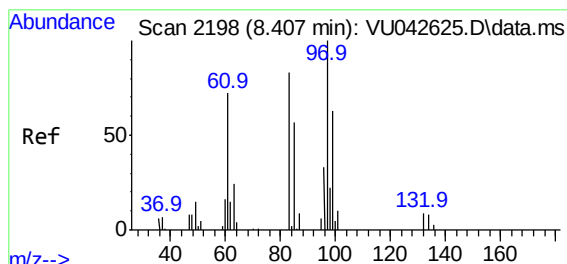
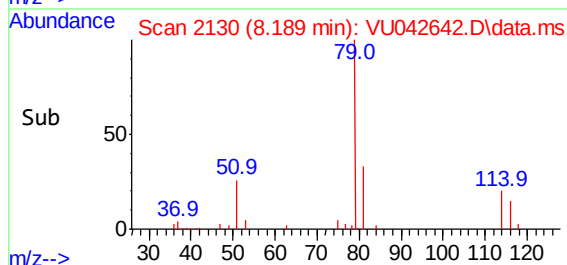
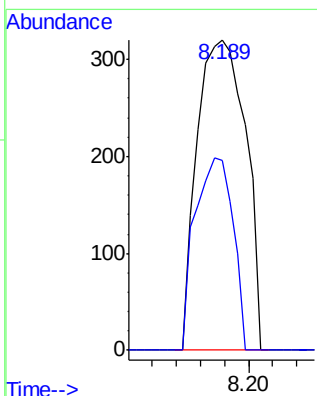
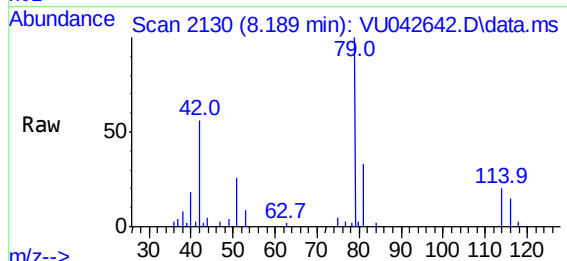


#44

trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

Instrument :
MSVOA_U
ClientSampleId :
C0AE2

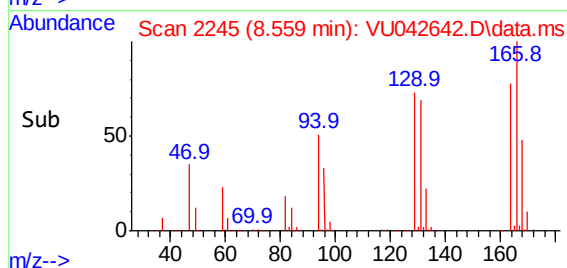
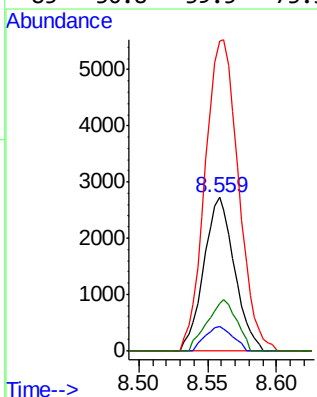
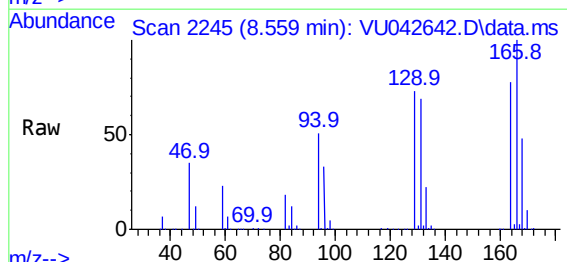
Tgt Ion: 75 Resp: 440
Ion Ratio Lower Upper
75 100
77 61.3 21.8 40.4#

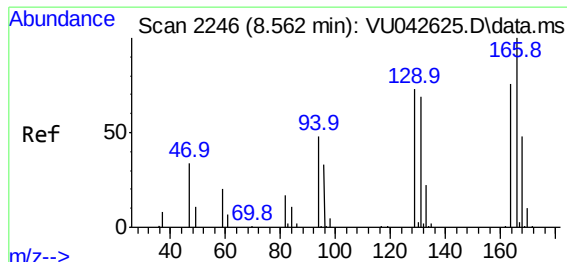


#45

1,1,2-Trichloroethane
Concen: 0.92 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

Tgt Ion: 97 Resp: 4181
Ion Ratio Lower Upper
97 100
99 15.6 44.0 81.8#
83 202.6 57.6 107.0#
85 30.8 39.5 73.3#

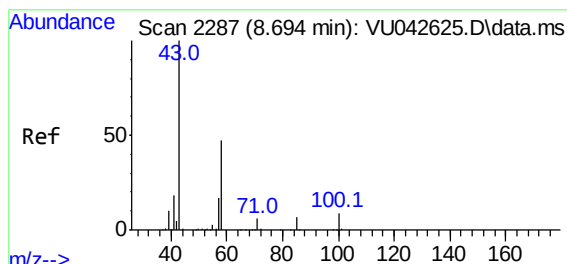
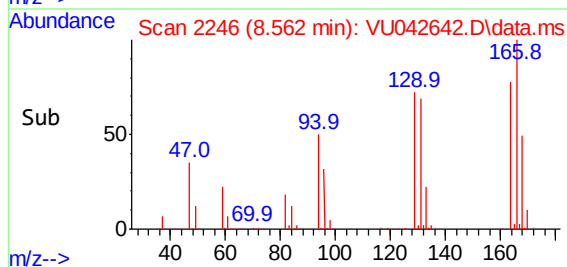
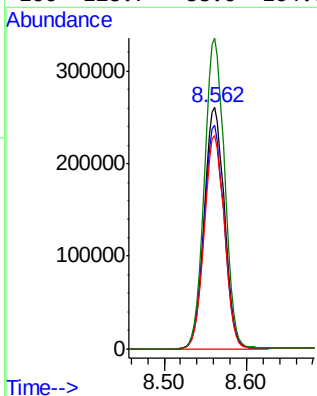
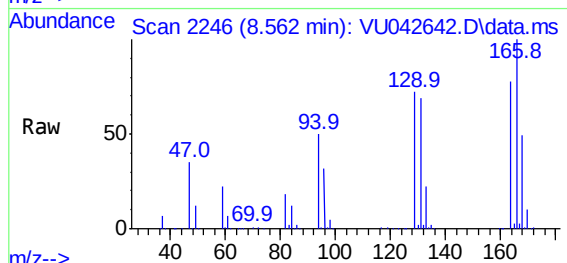




#47
Tetrachloroethene
Concen: 85.57 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

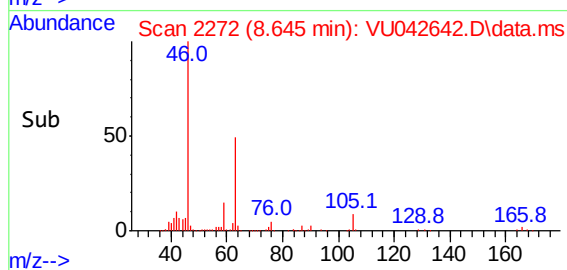
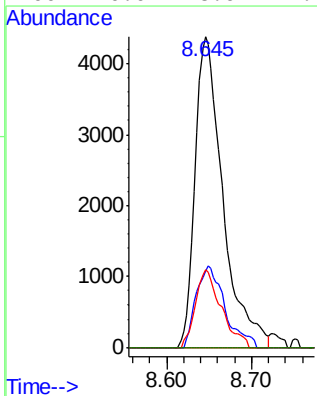
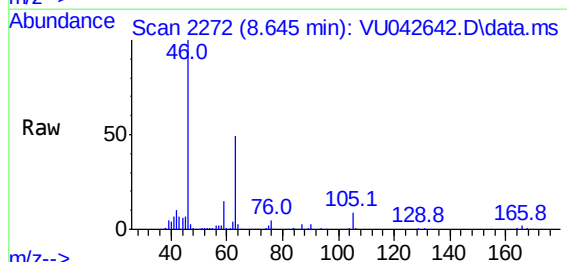
Instrument :
MSVOA_U
ClientSampled :
C0AE2

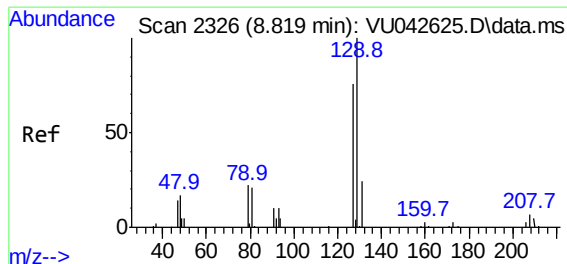
Tgt Ion:164 Resp: 441343
Ion Ratio Lower Upper
164 100
129 92.5 64.3 119.5
131 88.4 62.2 115.6
166 128.7 88.6 164.6



#48
2-Hexanone
Concen: 2.49 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

Tgt Ion: 43 Resp: 9881
Ion Ratio Lower Upper
43 100
58 27.4 40.6 61.0#
57 23.2 14.9 22.3#
100 0.0 8.6 12.8#

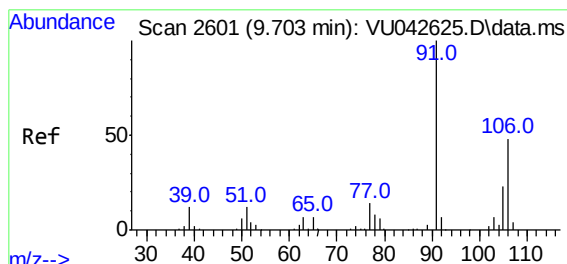
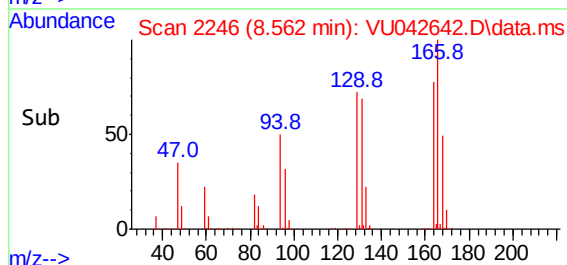
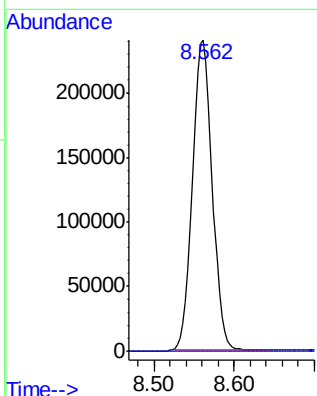
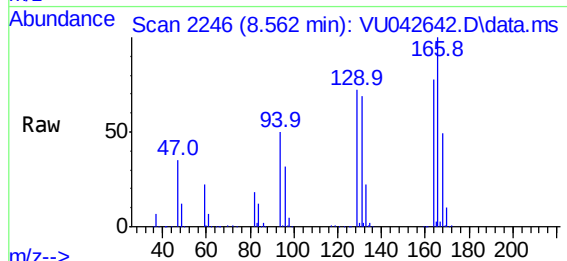




#49
Dibromochloromethane
Concen: 70.86 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

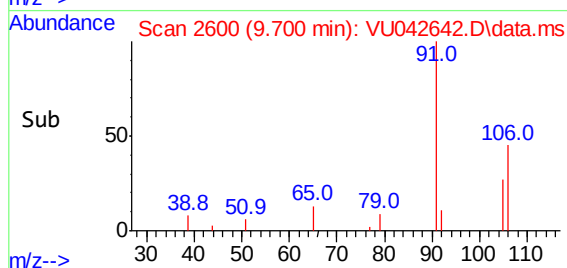
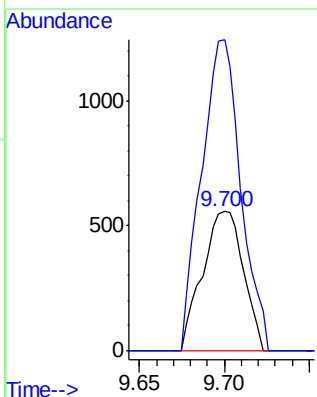
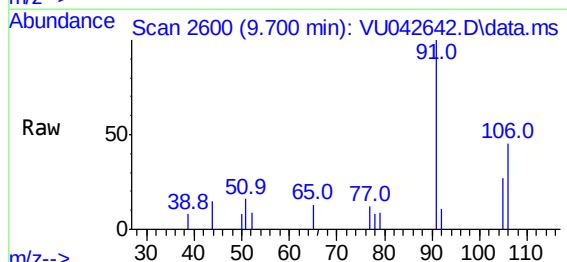
Instrument :
MSVOA_U
ClientSampleId :
C0AE2

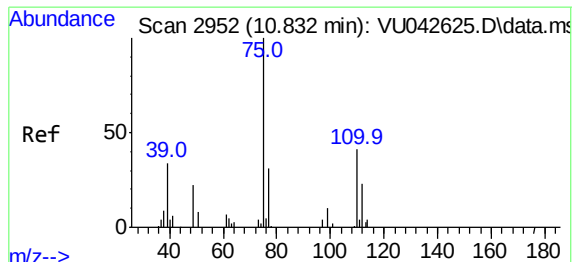
Tgt Ion:129 Resp: 402896
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#53
m,p-Xylene
Concen: 0.09 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042642.D
Acq: 13 Mar 2021 04:49

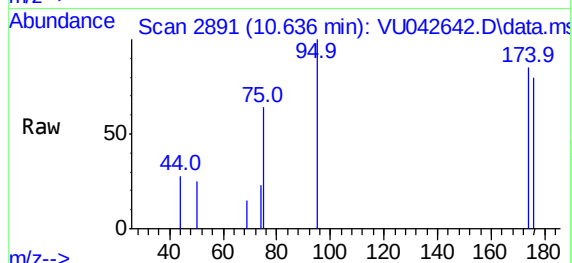
Tgt Ion:106 Resp: 932
Ion Ratio Lower Upper
106 100
91 223.7 145.1 269.5





#59
 1,2,3-Trichloropropane
 Concen: 0.14 ug/L
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.196 min
 Lab File: VU042642.D
 Acq: 13 Mar 2021 04:49

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE2



Tgt Ion: 75 Resp: 649
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

