

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042637.D
 Acq On : 13 Mar 2021 02:48
 Operator : SY/MD
 Sample : M1676-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD7

Quant Time: Mar 13 06:44:43 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)

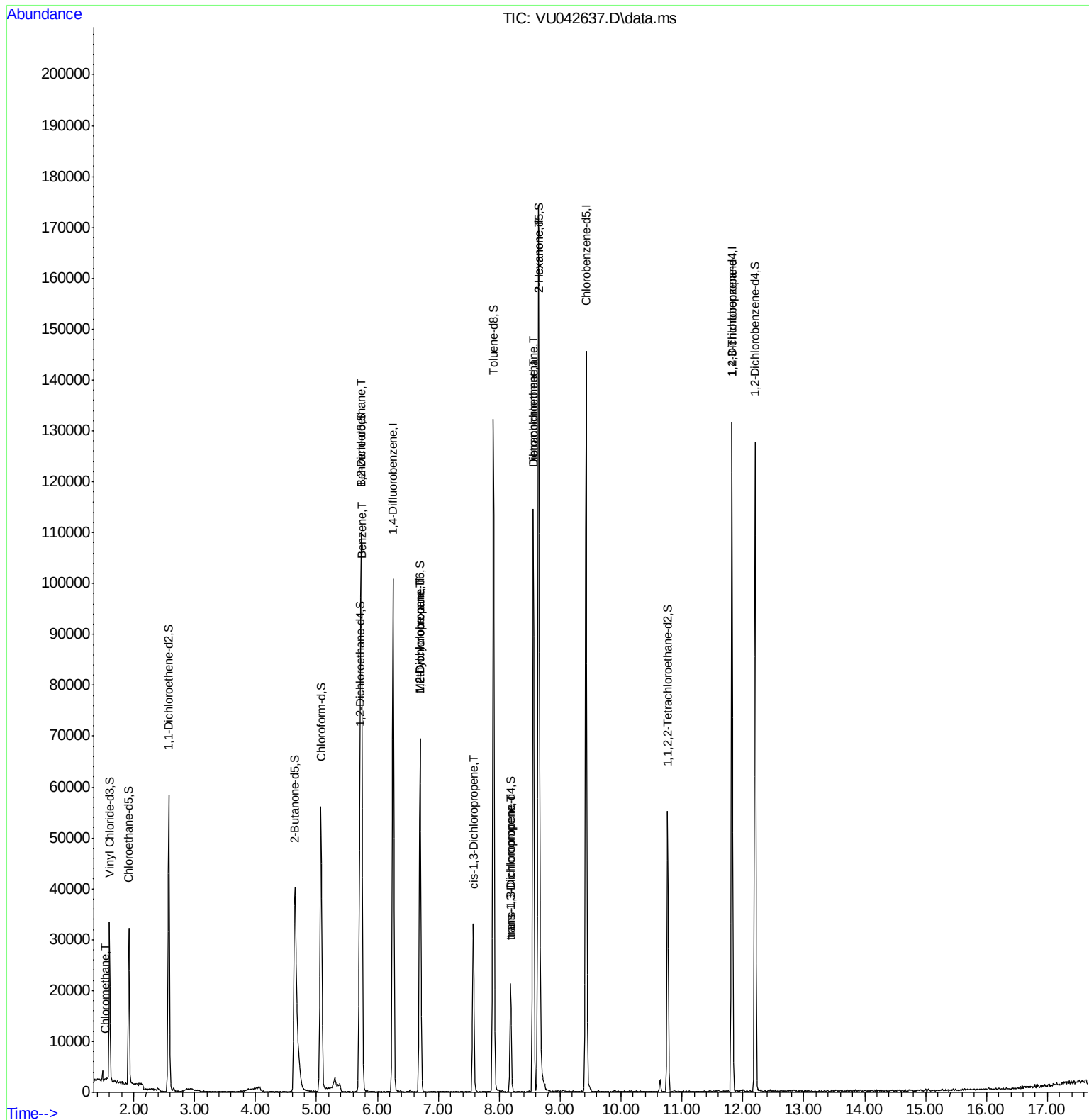
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	77036	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	73756	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	33324	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21261	4.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	82.80%		
7) Chloroethane-d5	1.919	69	19442	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	100.00%		
11) 1,1-Dichloroethene-d2	2.575	63	35767	3.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	61.60%		
20) 2-Butanone-d5	4.645	46	88251	52.34	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	104.68%		
24) Chloroform-d	5.073	84	49439	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.40%		
26) 1,2-Dichloroethane-d4	5.713	65	32887	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	105.20%		
32) Benzene-d6	5.735	84	90997	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	100.60%		
36) 1,2-Dichloropropane-d6	6.700	67	29787	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	102.20%		
41) Toluene-d8	7.906	98	84605	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.80%		
43) trans-1,3-Dichloroprop...	8.189	79	11381	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	83.60%		
46) 2-Hexanone-d5	8.645	63	59755	45.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	91.58%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25251	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	97.20%		
64) 1,2-Dichlorobenzene-d4	12.201	152	32829	5.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	108.60%		
Target Compounds						
3) Chloromethane	1.523	50	487	0.07	ug/L	94
27) 1,2-Dichloroethane	5.735	62	738	0.09	ug/L #	75
33) Benzene	5.742	78	817	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	7002	0.72	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3504	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	896	0.10	ug/L #	53
44) trans-1,3-Dichloropropene	8.185	75	573	0.07	ug/L #	46
47) Tetrachloroethene	8.558	164	23503	4.51	ug/L	97
48) 2-Hexanone	8.645	43	9699	2.42	ug/L #	70
49) Dibromochloromethane	8.562	129	22241	3.87	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4112	0.88	ug/L	96

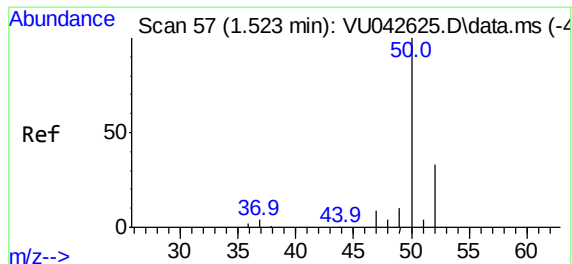
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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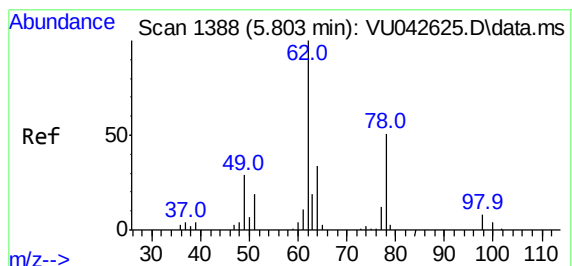
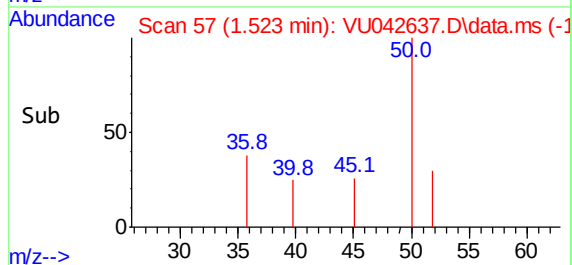
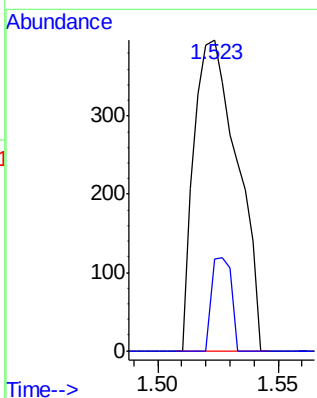
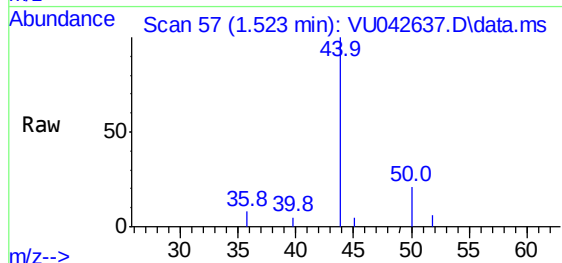




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042637.D
Acq: 13 Mar 2021 02:48

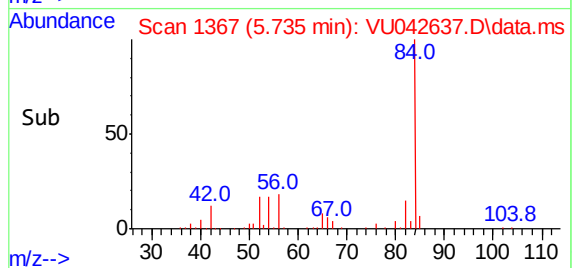
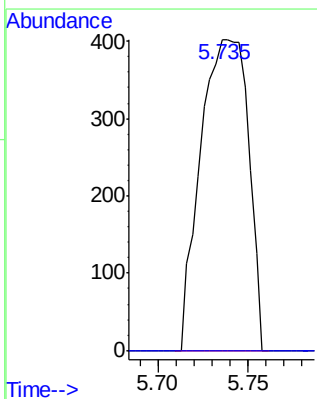
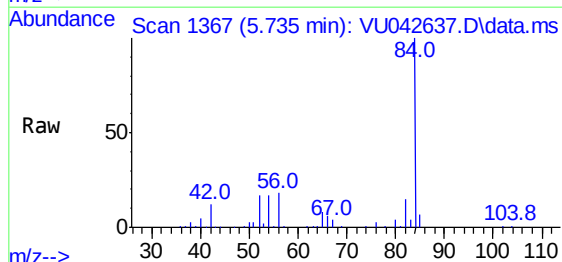
Instrument :
MSVOA_U
ClientSampled :
C0AD7

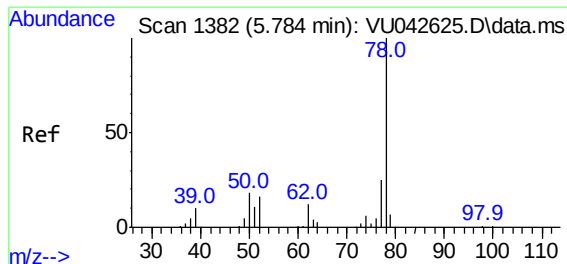
Tgt Ion: 50 Resp: 487
Ion Ratio Lower Upper
50 100
52 29.7 23.0 42.8



#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042637.D
Acq: 13 Mar 2021 02:48

Tgt Ion: 62 Resp: 738
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

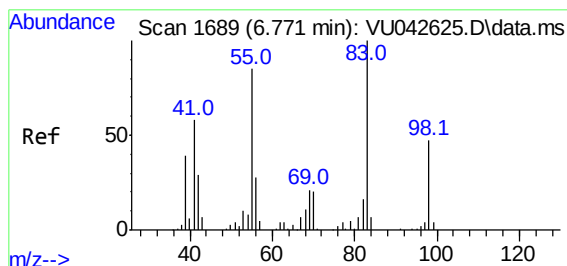
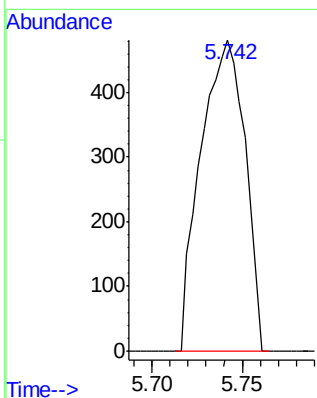
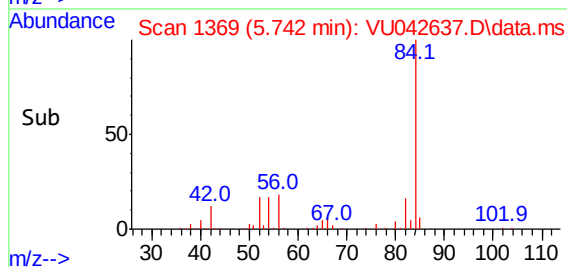
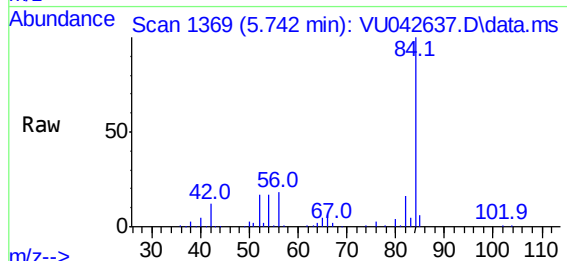




#33
Benzene
Concen: 0.04 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042637.D
Acq: 13 Mar 2021 02:48

Instrument :
MSVOA_U
ClientSampleId :
C0AD7

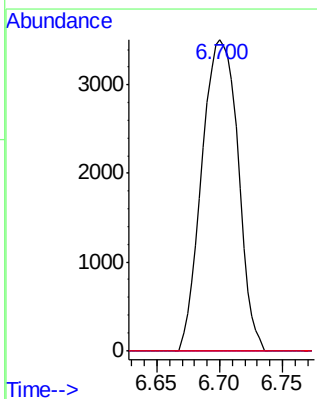
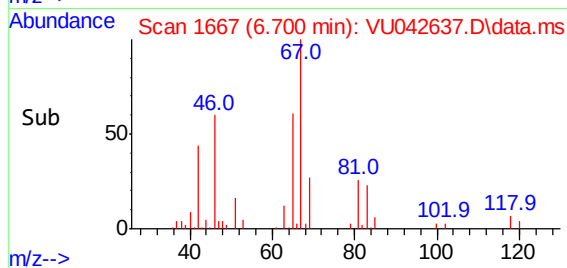
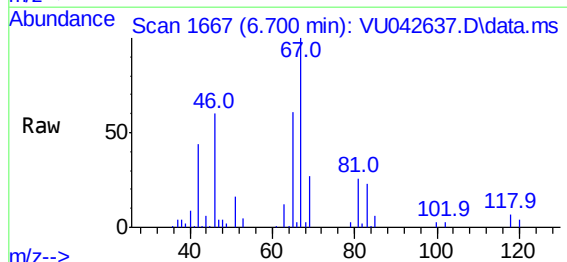
Tgt Ion: 78 Resp: 817

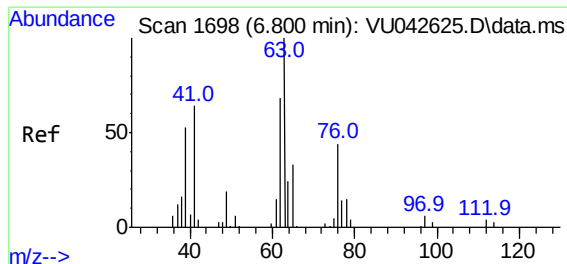


#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042637.D
Acq: 13 Mar 2021 02:48

Tgt Ion: 83 Resp: 7002

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

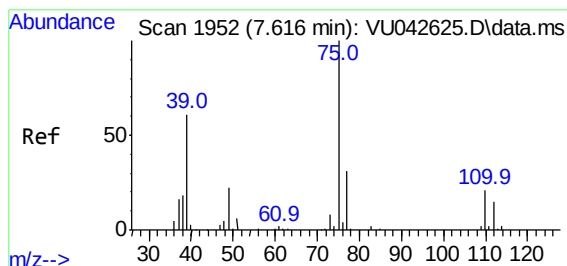
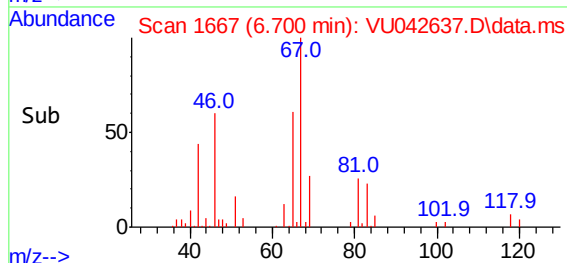
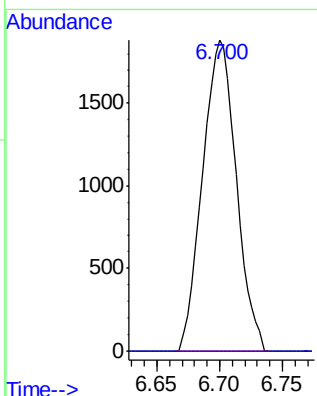
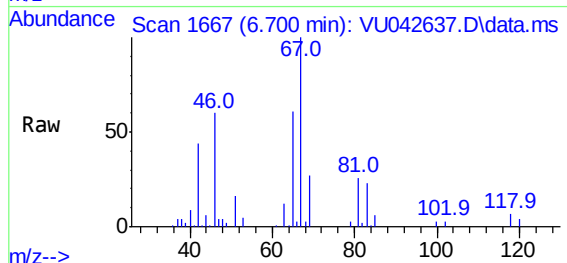




#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042637.D
Acq: 13 Mar 2021 02:48

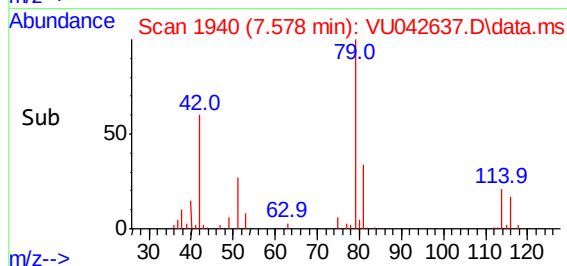
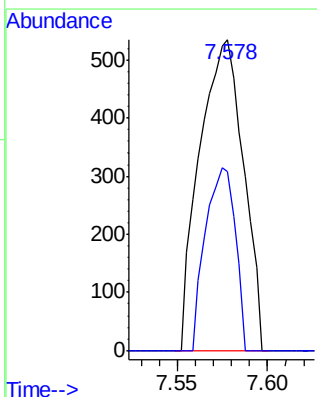
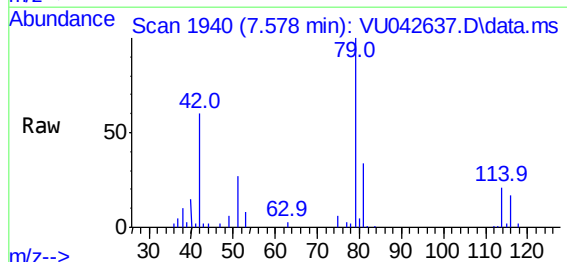
Instrument :
MSVOA_U
ClientSampleId :
C0AD7

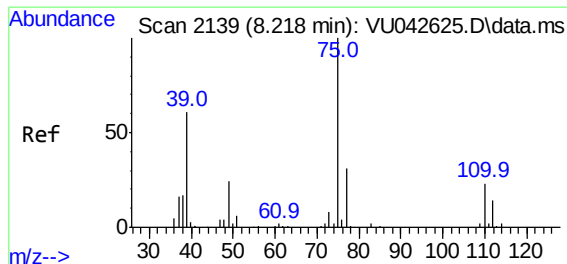
Tgt Ion: 63 Resp: 3504
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042637.D
Acq: 13 Mar 2021 02:48

Tgt Ion: 75 Resp: 896
Ion Ratio Lower Upper
75 100
77 57.4 22.0 40.8#



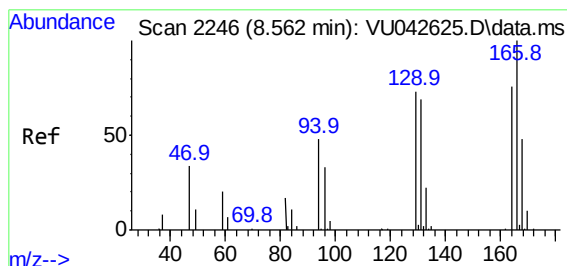
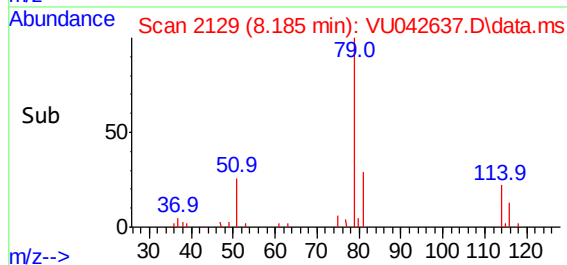
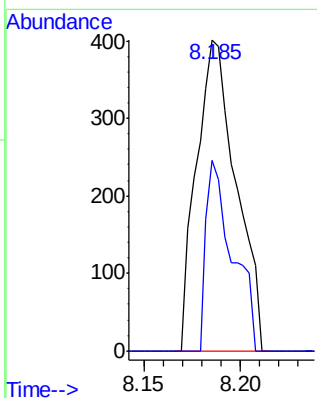
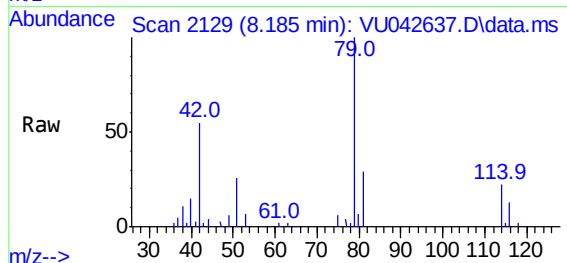


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042637.D
Acq: 13 Mar 2021 02:48

Instrument :
MSVOA_U
ClientSampleId :
C0AD7

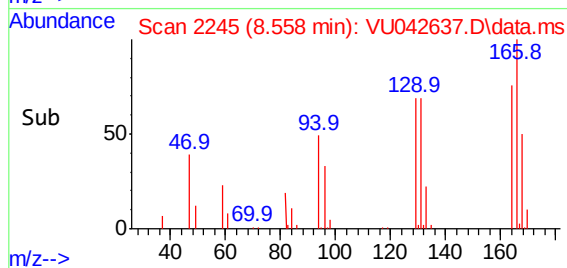
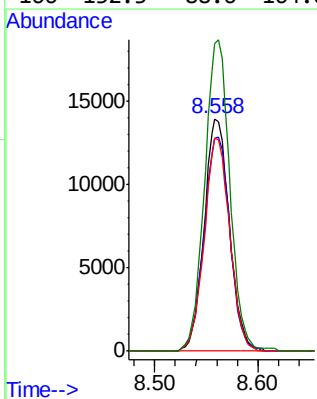
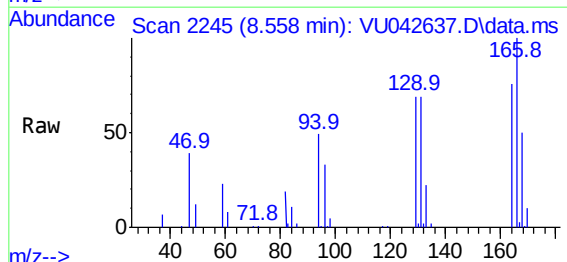
Tgt Ion: 75 Resp: 573
Ion Ratio Lower Upper
75 100
77 61.1 21.8 40.4#

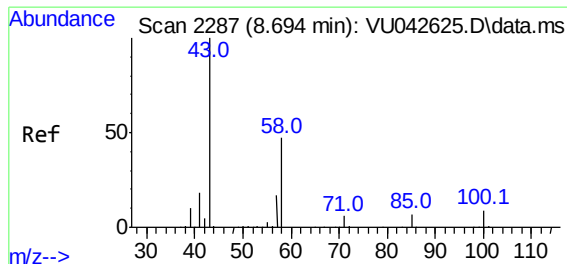


#47

Tetrachloroethene
Concen: 4.51 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042637.D
Acq: 13 Mar 2021 02:48

Tgt Ion: 164 Resp: 23503
Ion Ratio Lower Upper
164 100
129 91.7 64.3 119.5
131 91.7 62.2 115.6
166 132.3 88.6 164.6

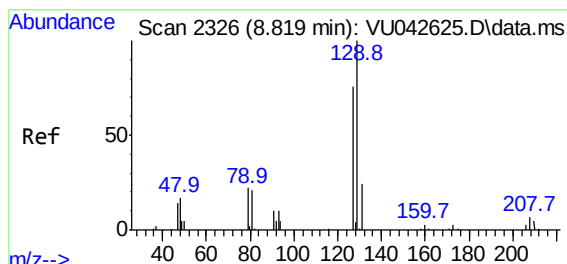
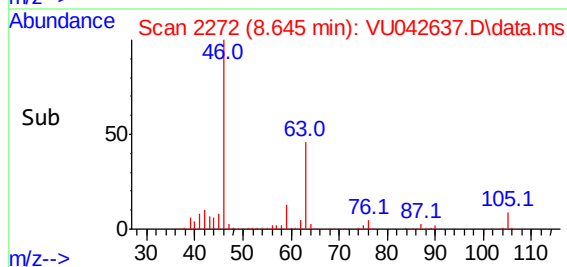
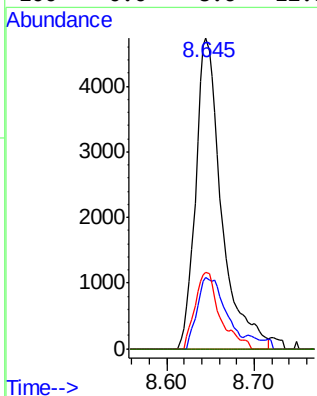
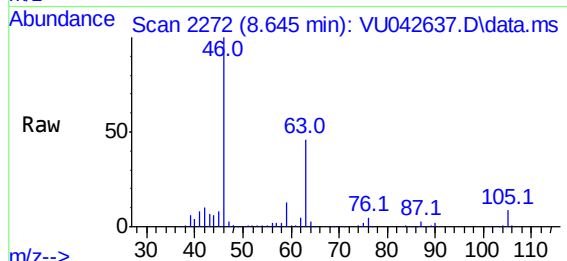




#48
2-Hexanone
Concen: 2.42 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042637.D
Acq: 13 Mar 2021 02:48

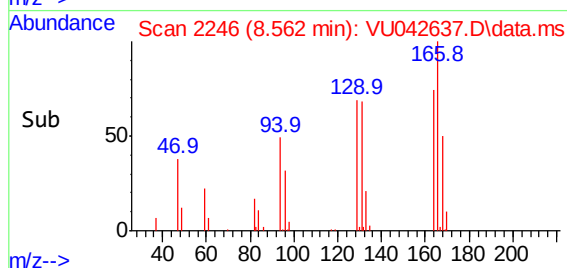
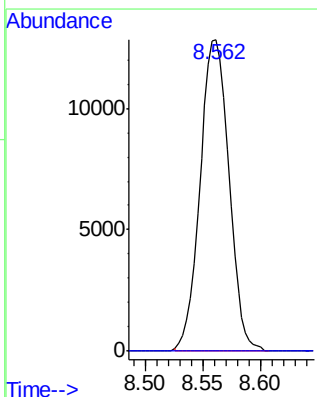
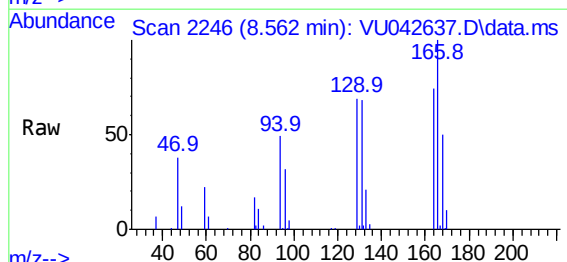
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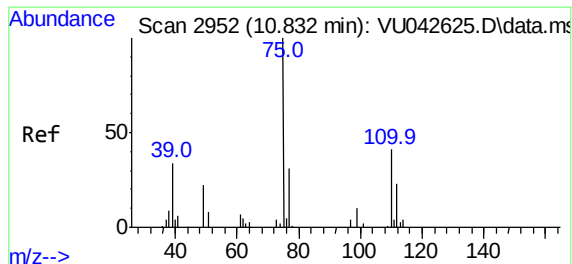
Tgt Ion: 43 Resp: 9699
Ion Ratio Lower Upper
43 100
58 24.9 40.6 61.0#
57 23.6 14.9 22.3#
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 3.87 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042637.D
Acq: 13 Mar 2021 02:48

Tgt Ion: 129 Resp: 22241
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.88 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042637.D
 Acq: 13 Mar 2021 02:48

Instrument :
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Tgt Ion: 75 Resp: 4112
 Ion Ratio Lower Upper
 75 100
 77 35.0 26.0 39.0

