

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042627.D
 Acq On : 12 Mar 2021 22:47
 Operator : SY/MD
 Sample : M1679-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF3

Quant Time: Mar 13 06:41:31 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)

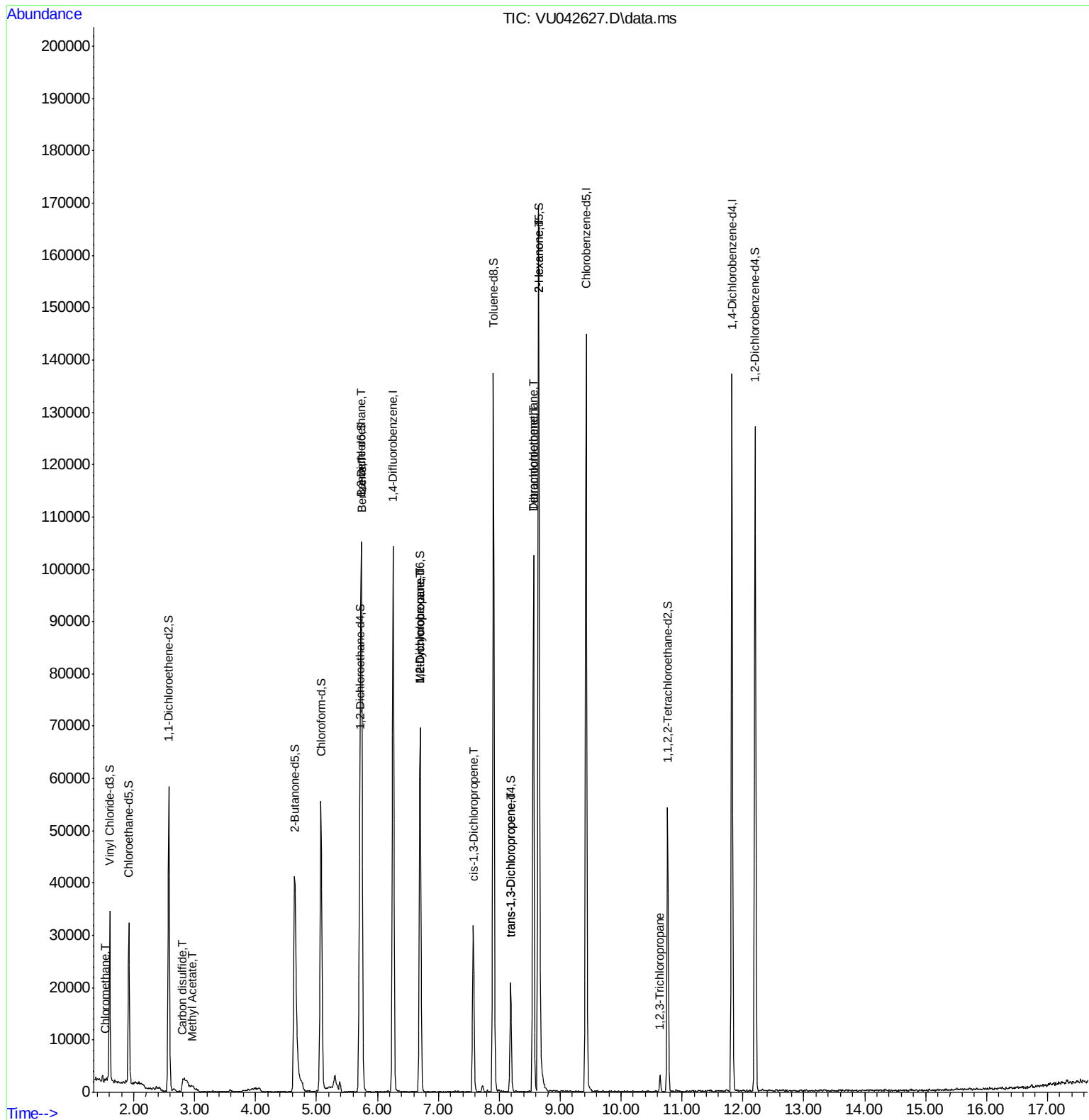
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	78668	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	75668	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	35368	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21706	4.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.80%			
7) Chloroethane-d5	1.919	69	20006	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.80%			
11) 1,1-Dichloroethene-d2	2.575	63	35938	3.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.60%			
20) 2-Butanone-d5	4.642	46	79658	46.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.52%			
24) Chloroform-d	5.073	84	48555	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.713	65	32807	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.80%			
32) Benzene-d6	5.735	84	86762	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.700	67	29615	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.906	98	85182	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
43) trans-1,3-Dichloroprop...	8.189	79	10863	3.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.80%			
46) 2-Hexanone-d5	8.645	63	58220	43.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.98%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24347	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.40%			
64) 1,2-Dichlorobenzene-d4	12.201	152	30983	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.60%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	383	0.06	ug/L	89
14) Carbon disulfide	2.803	76	1103	0.06	ug/L #	75
15) Methyl Acetate	2.964	43	488	0.15	ug/L #	55
27) 1,2-Dichloroethane	5.735	62	641	0.07	ug/L #	75
33) Benzene	5.739	78	664	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	6606	0.66	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3602	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	974	0.10	ug/L #	67
44) trans-1,3-Dichloropropene	8.189	75	465	0.05	ug/L #	78
47) Tetrachloroethene	8.562	164	21380	4.00	ug/L	98
48) 2-Hexanone	8.645	43	9260	2.25	ug/L #	72
49) Dibromochloromethane	8.562	129	19191	3.25	ug/L #	12
59) 1,2,3-Trichloropropane	10.639	75	596	0.12	ug/L #	42

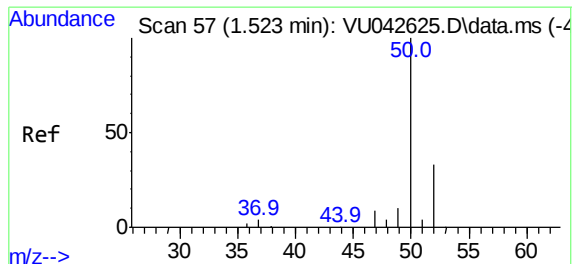
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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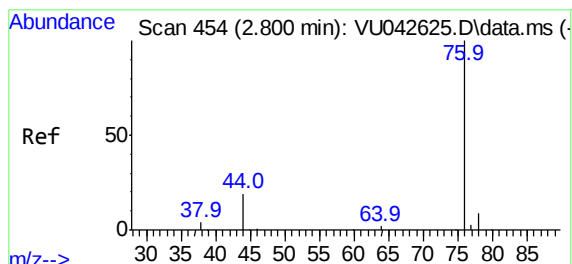
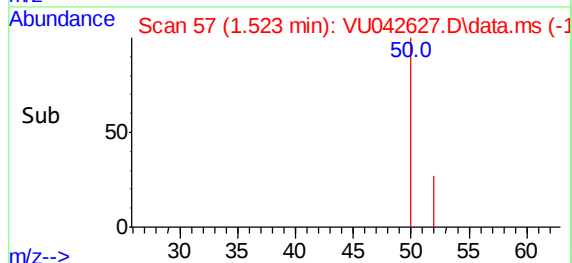
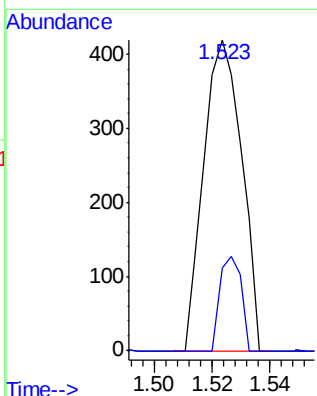
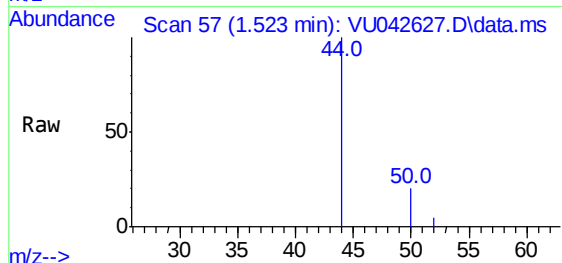




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042627.D
Acq: 12 Mar 2021 22:47

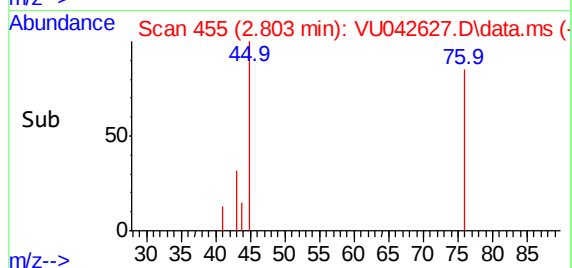
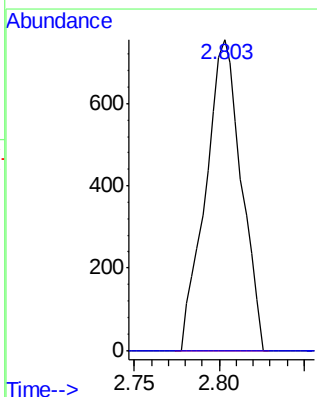
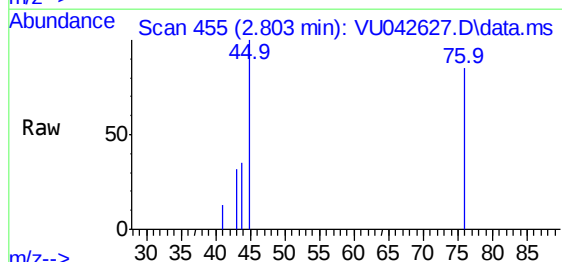
Instrument :
MSVOA_U
ClientSampleId :
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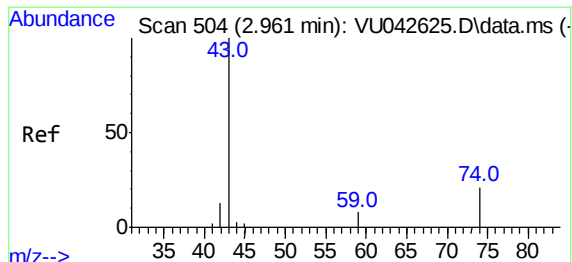
Tgt Ion: 50 Resp: 383
Ion Ratio Lower Upper
50 100
52 26.7 23.0 42.8



#14
Carbon disulfide
Concen: 0.06 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042627.D
Acq: 12 Mar 2021 22:47

Tgt Ion: 76 Resp: 1103
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

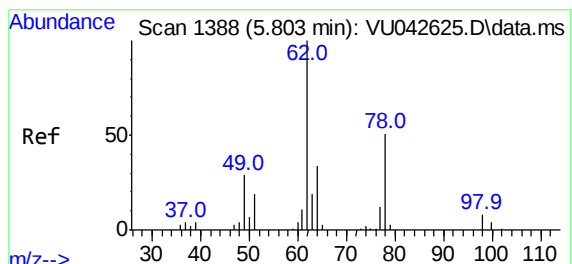
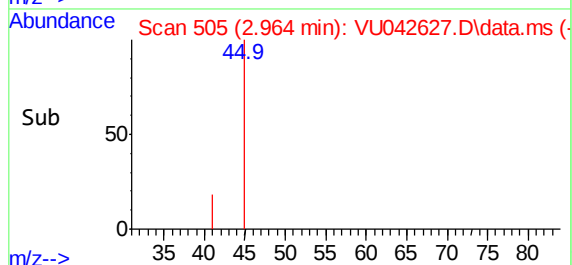
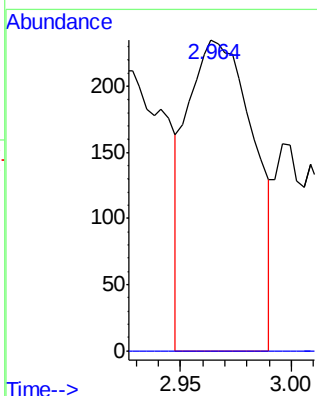
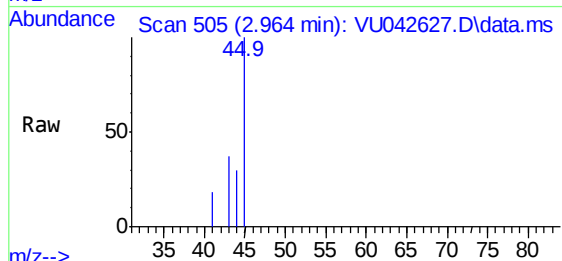




#15
Methyl Acetate
Concen: 0.15 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU042627.D
Acq: 12 Mar 2021 22:47

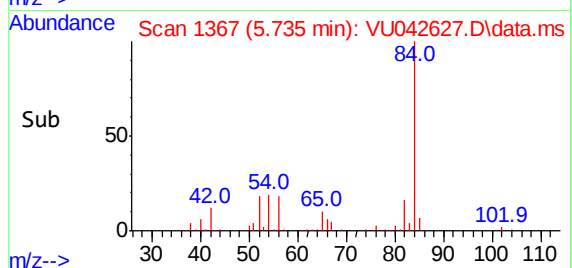
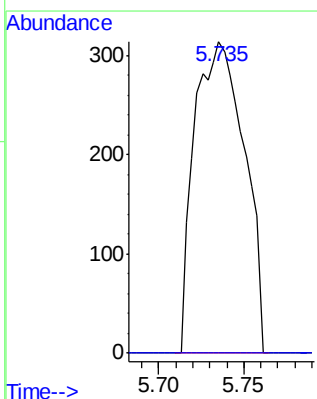
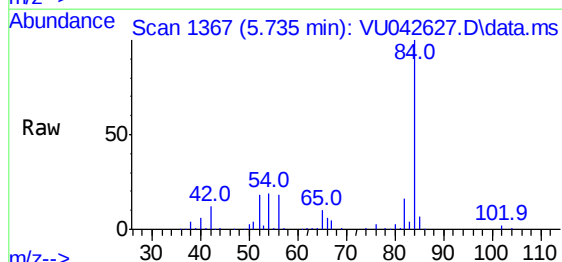
Instrument :
MSVOA_U
ClientSampleId :
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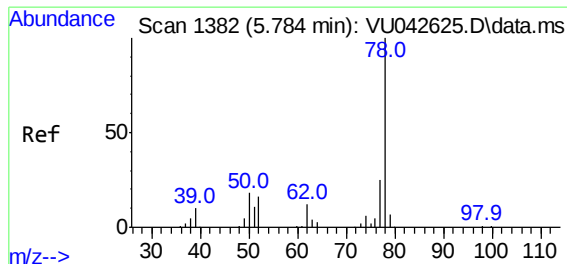
Tgt Ion: 43 Resp: 488
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042627.D
Acq: 12 Mar 2021 22:47

Tgt Ion: 62 Resp: 641
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

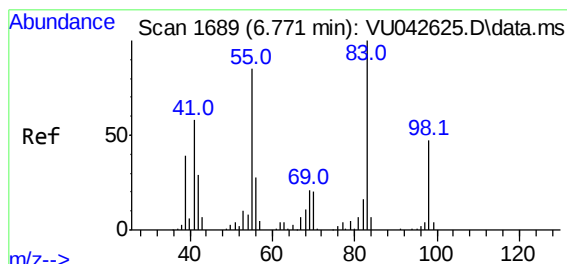
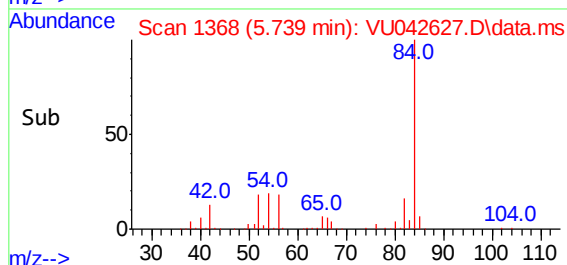
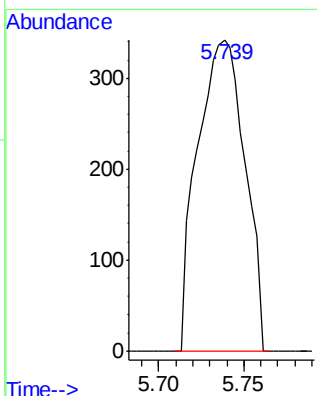
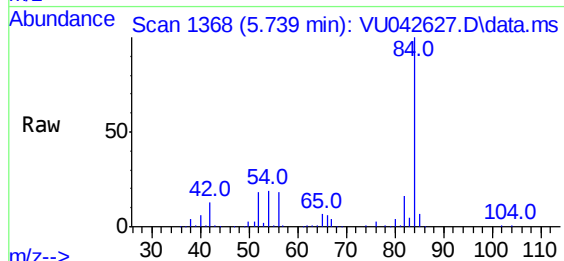




#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042627.D
Acq: 12 Mar 2021 22:47

Instrument :
MSVOA_U
ClientSampleId :
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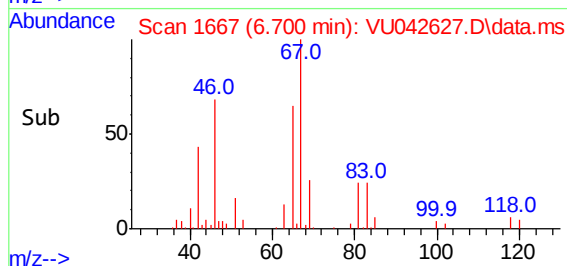
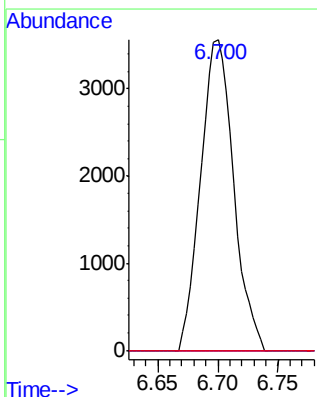
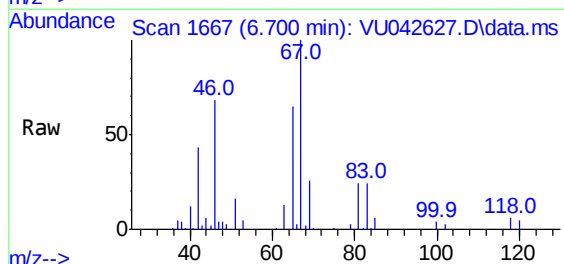
Tgt Ion: 78 Resp: 664

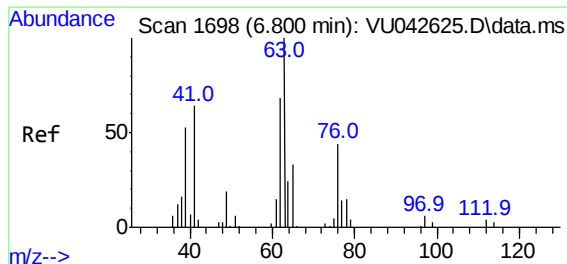


#35
Methylcyclohexane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042627.D
Acq: 12 Mar 2021 22:47

Tgt Ion: 83 Resp: 6606

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

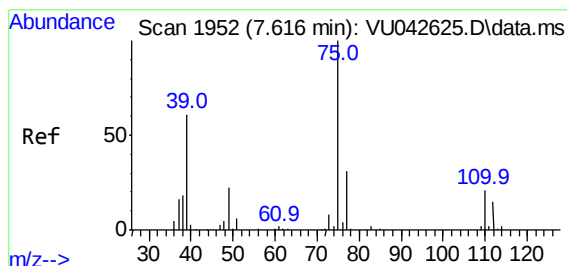
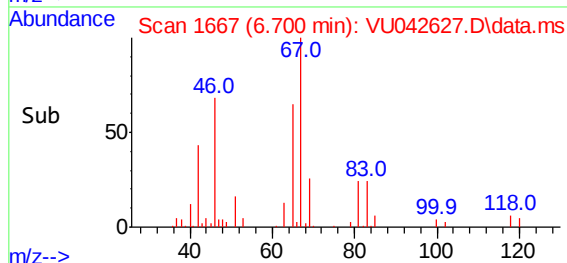
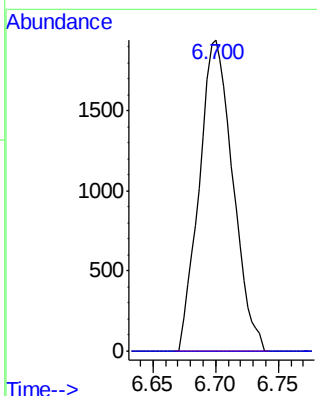
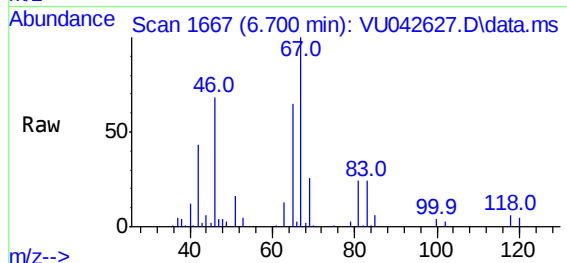




#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042627.D
Acq: 12 Mar 2021 22:47

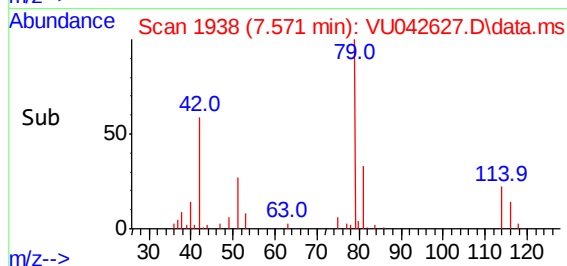
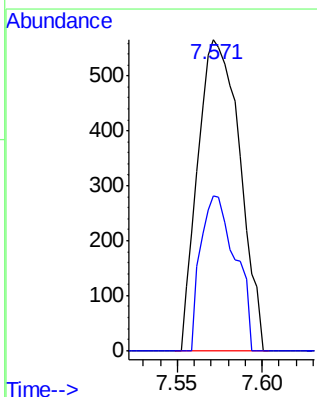
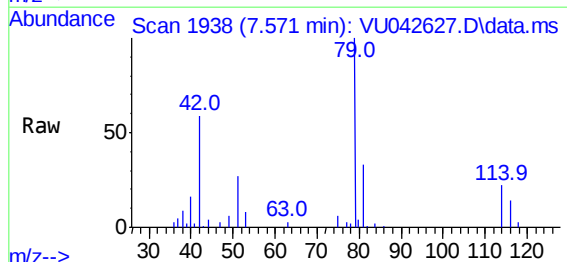
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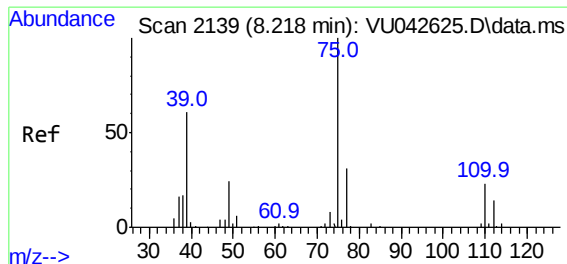
Tgt Ion: 63 Resp: 3602
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042627.D
Acq: 12 Mar 2021 22:47

Tgt Ion: 75 Resp: 974
Ion Ratio Lower Upper
75 100
77 49.6 22.0 40.8#

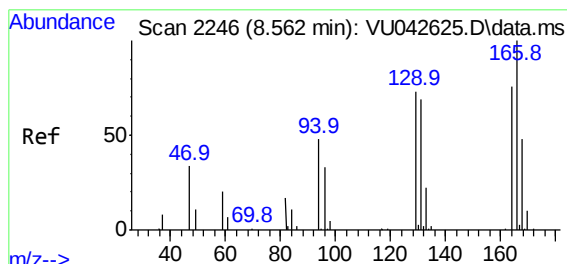
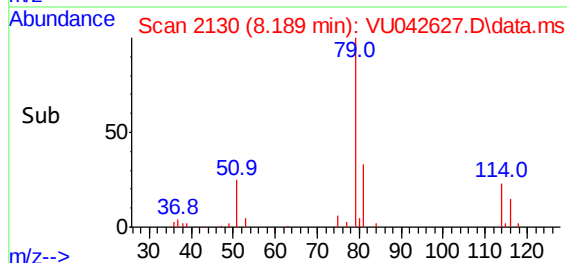
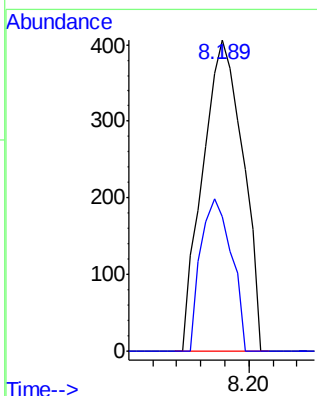
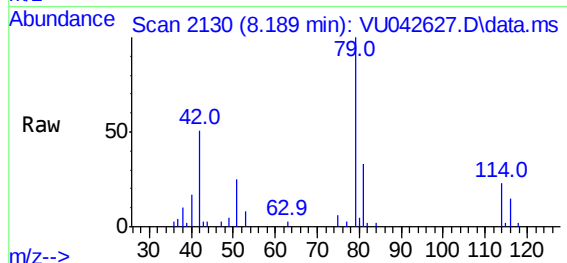




#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042627.D
Acq: 12 Mar 2021 22:47

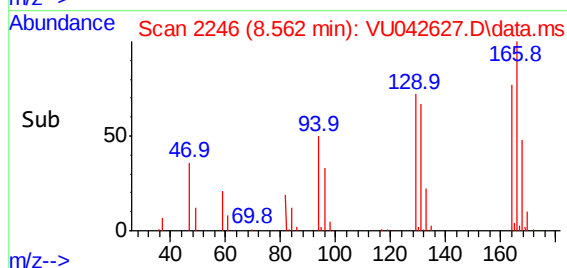
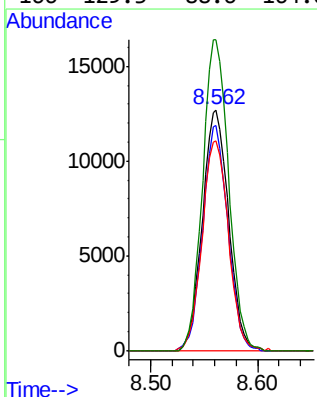
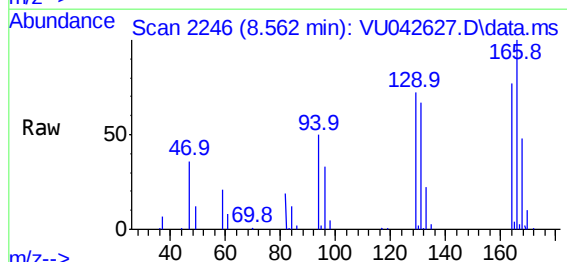
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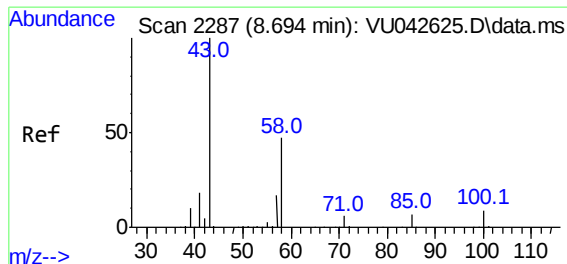
Tgt Ion: 75 Resp: 465
Ion Ratio Lower Upper
75 100
77 43.1 21.8 40.4#



#47
Tetrachloroethene
Concen: 4.00 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042627.D
Acq: 12 Mar 2021 22:47

Tgt Ion: 164 Resp: 21380
Ion Ratio Lower Upper
164 100
129 93.7 64.3 119.5
131 87.1 62.2 115.6
166 129.3 88.6 164.6

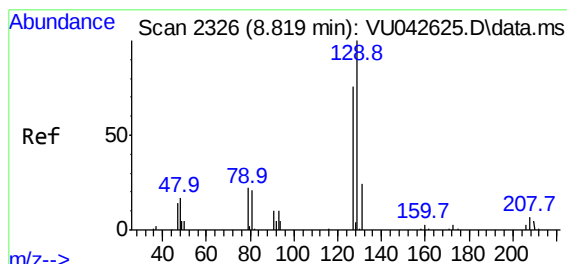
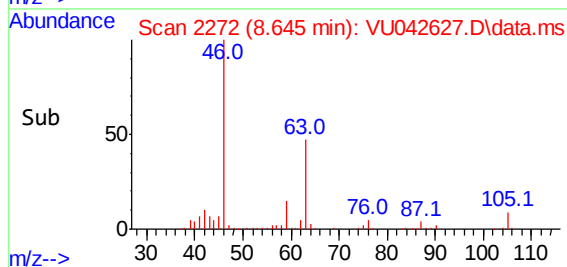
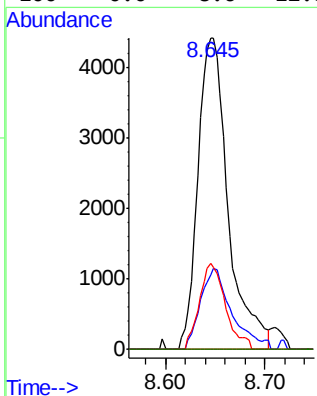
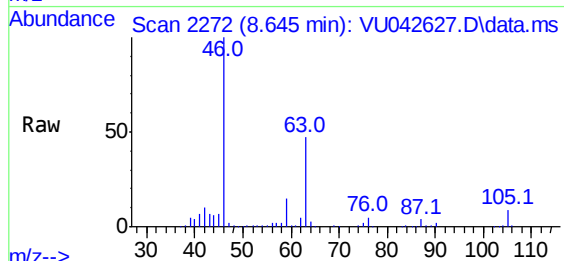




#48
2-Hexanone
Concen: 2.25 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042627.D
Acq: 12 Mar 2021 22:47

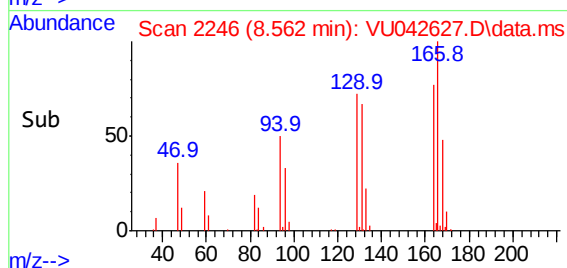
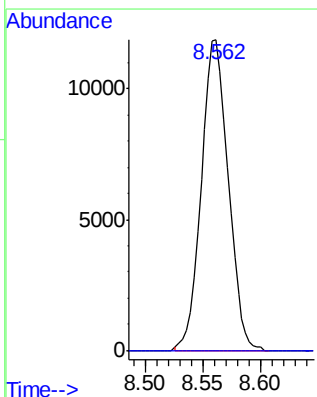
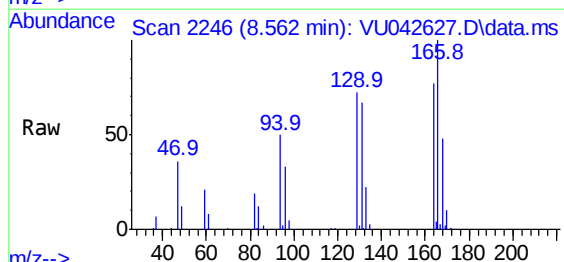
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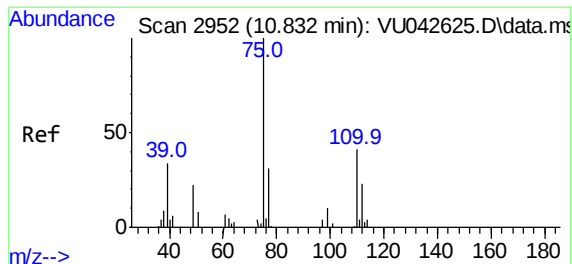
Tgt Ion: 43 Resp: 9260
Ion Ratio Lower Upper
43 100
58 26.7 40.6 61.0#
57 23.7 14.9 22.3#
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 3.25 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042627.D
Acq: 12 Mar 2021 22:47

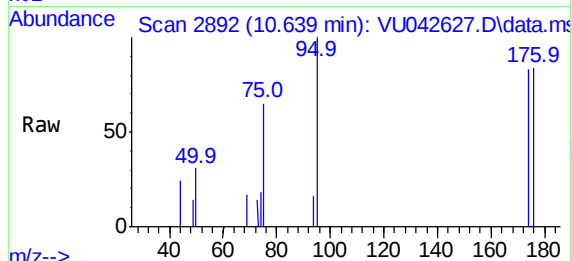
Tgt Ion: 129 Resp: 19191
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.12 ug/L
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042627.D
 Acq: 12 Mar 2021 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF3



Tgt Ion: 75 Resp: 596
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

