

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042641.D
 Acq On : 13 Mar 2021 04:24
 Operator : SY/MD
 Sample : M1676-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE1

Quant Time: Mar 13 06:46:07 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)

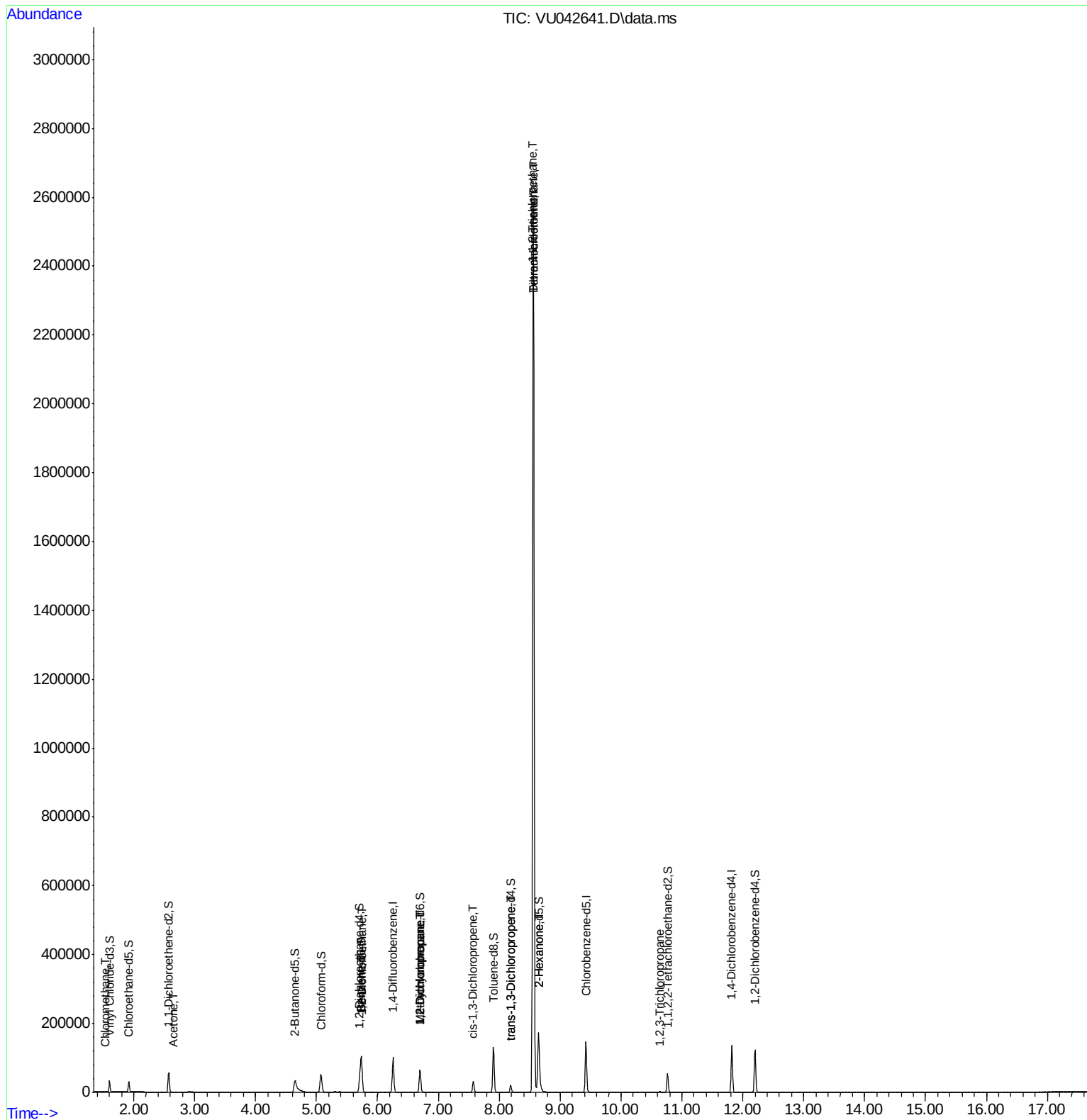
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	76699	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	76723	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34966	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21374	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.919	69	18653	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.575	63	36070	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.649	46	87654	52.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.42%
24) Chloroform-d	5.073	84	47442	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.710	65	33120	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.735	84	86844	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.700	67	28682	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.906	98	80647	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloroprop...	8.189	79	10139	3.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.60%
46) 2-Hexanone-d5	8.645	63	60801	44.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.58%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24901	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	31614	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%
Target Compounds						
3) Chloromethane	1.523	50	313	0.05	ug/L #	63
13) Acetone	2.652	43	1227	0.95	ug/L	74
27) 1,2-Dichloroethane	5.742	62	464	0.05	ug/L #	75
33) Benzene	5.739	78	714	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	6763	0.67	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	3648	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	869	0.09	ug/L #	51
44) trans-1,3-Dichloropropene	8.186	75	331	0.04	ug/L #	44
45) 1,1,2-Trichloroethane	8.555	97	4950	1.04	ug/L #	9
47) Tetrachloroethene	8.562	164	539705	99.47	ug/L	99
48) 2-Hexanone	8.645	43	9600	2.30	ug/L #	70
49) Dibromochloromethane	8.562	129	489858	81.90	ug/L #	12
59) 1,2,3-Trichloropropane	10.636	75	743	0.15	ug/L #	42

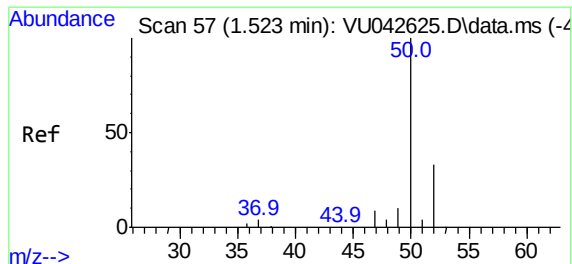
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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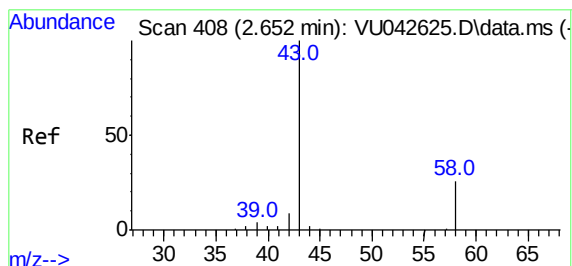
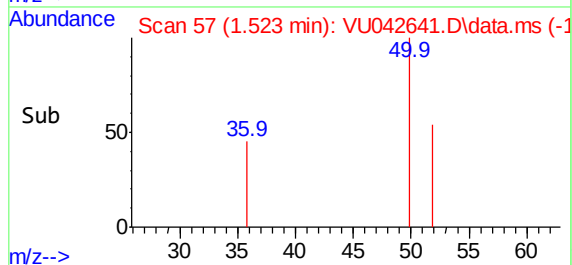
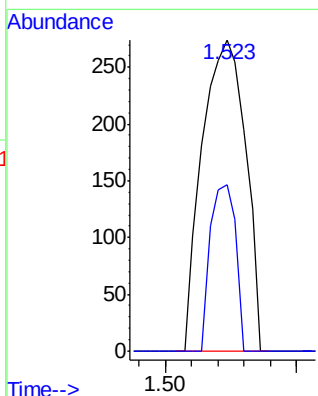
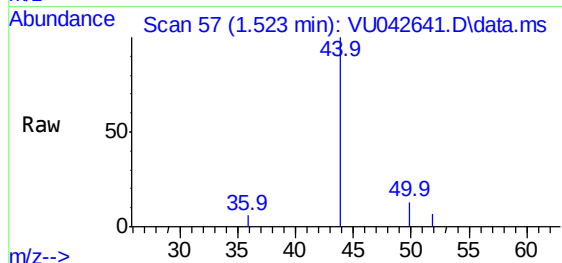




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042641.D
Acq: 13 Mar 2021 04:24

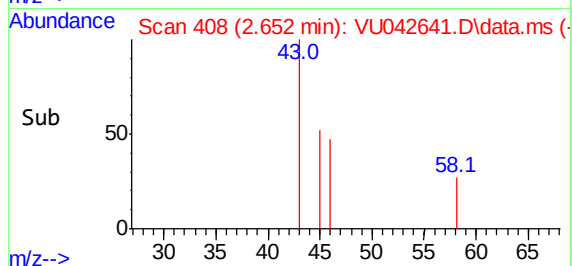
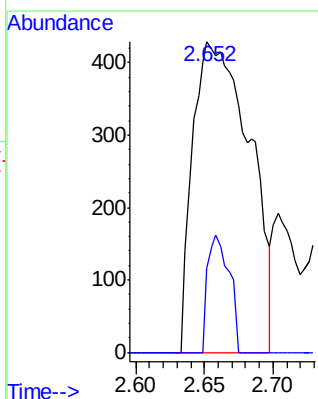
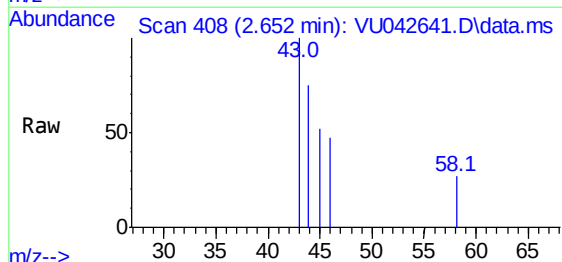
Instrument :
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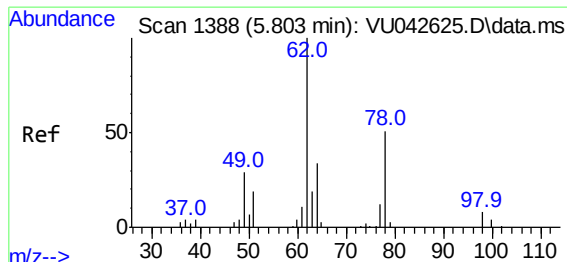
Tgt Ion: 50 Resp: 313
Ion Ratio Lower Upper
50 100
52 53.6 23.0 42.8#



#13
Acetone
Concen: 0.95 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.000 min
Lab File: VU042641.D
Acq: 13 Mar 2021 04:24

Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
58 14.2 0.0 55.8

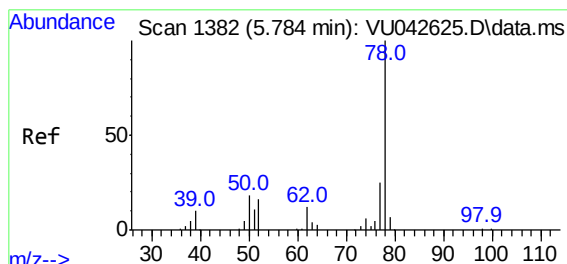
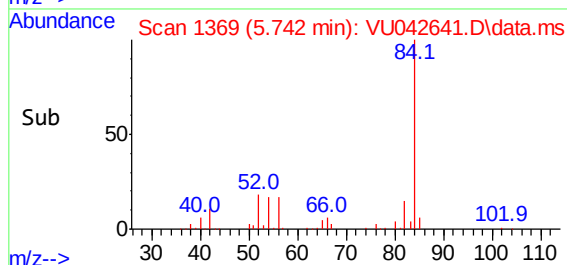
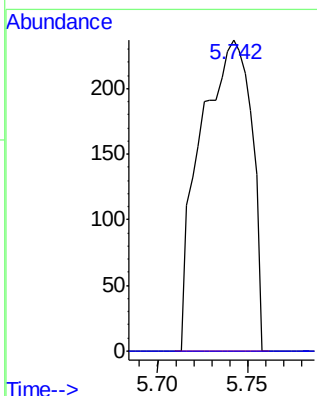
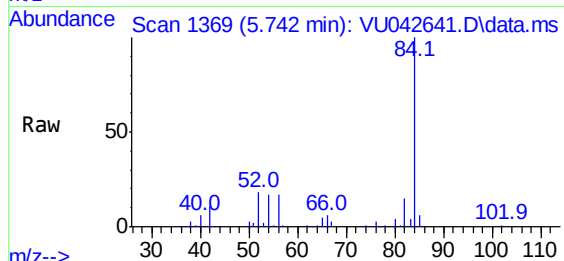




#27
1,2-Dichloroethane
Concen: 0.05 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU042641.D
Acq: 13 Mar 2021 04:24

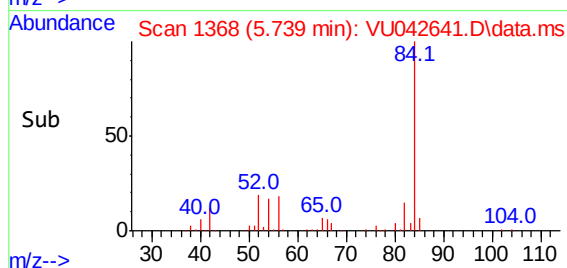
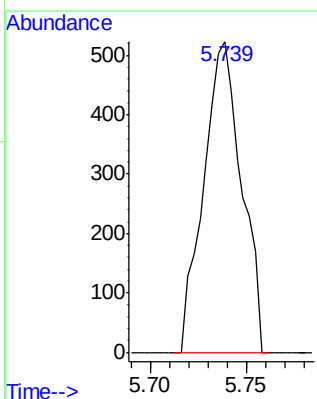
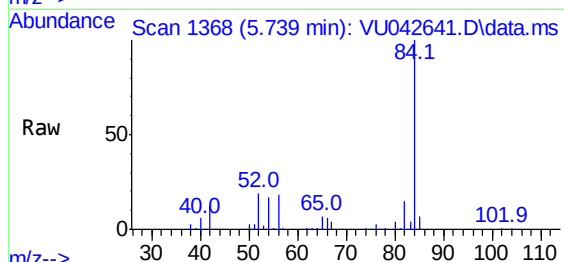
Instrument :
MSVOA_U
ClientSampleId :
C0AE1

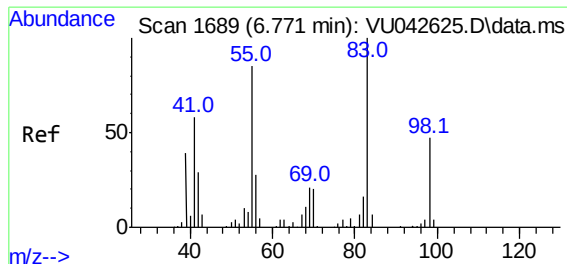
Tgt Ion: 62 Resp: 464
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042641.D
Acq: 13 Mar 2021 04:24

Tgt Ion: 78 Resp: 714

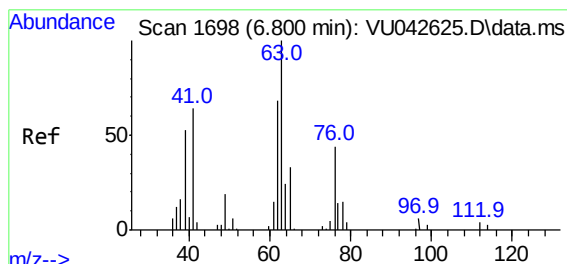
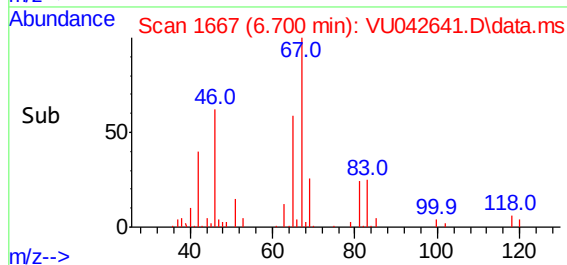
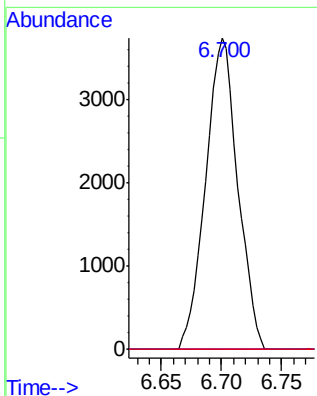
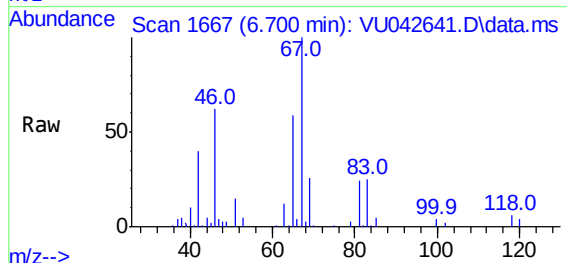




#35
Methylcyclohexane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042641.D
Acq: 13 Mar 2021 04:24

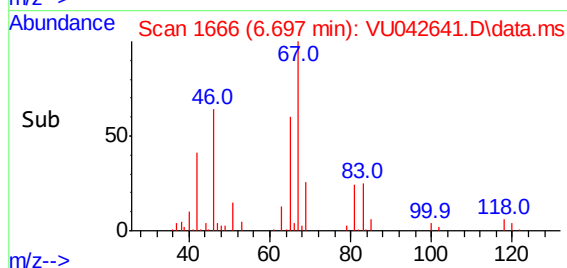
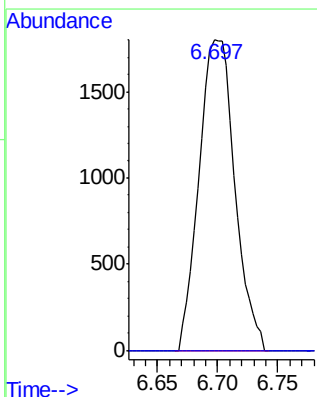
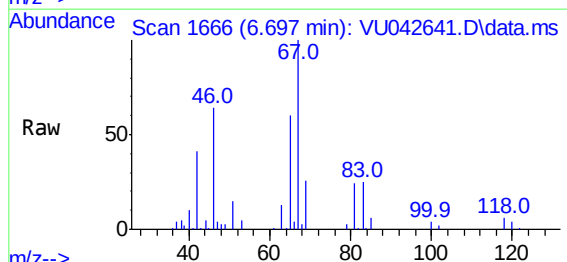
Instrument :
MSVOA_U
ClientSampleId :
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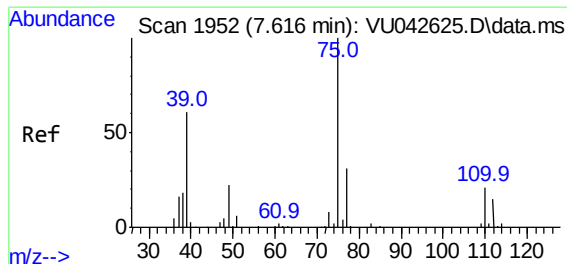
Tgt Ion: 83 Resp: 6763
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042641.D
Acq: 13 Mar 2021 04:24

Tgt Ion: 63 Resp: 3648
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

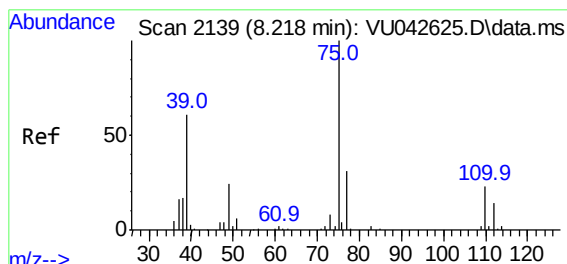
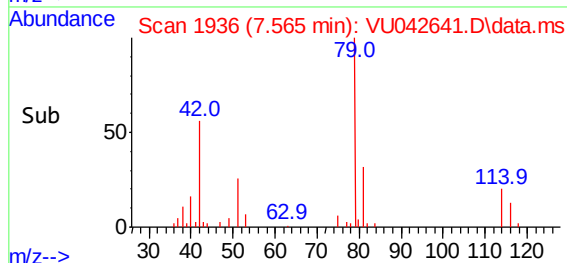
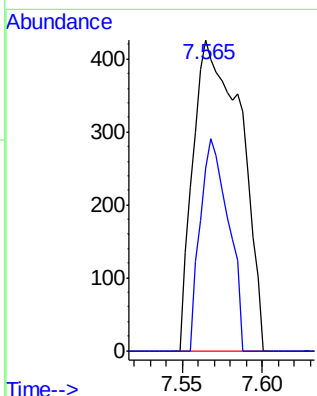
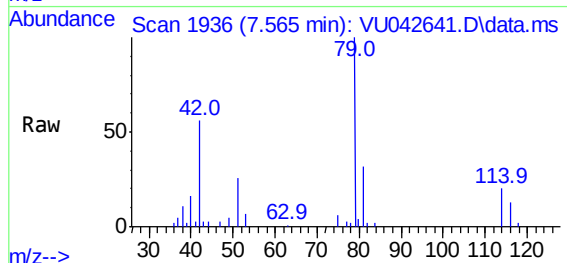




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.051 min
Lab File: VU042641.D
Acq: 13 Mar 2021 04:24

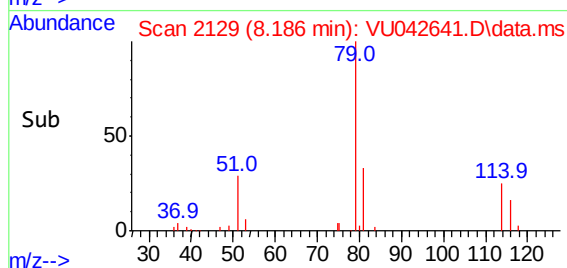
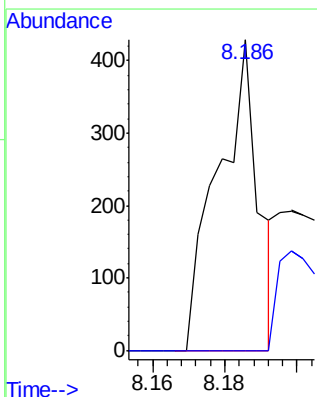
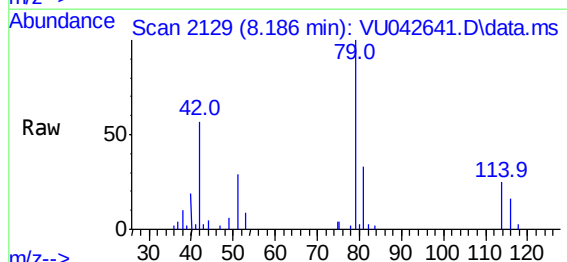
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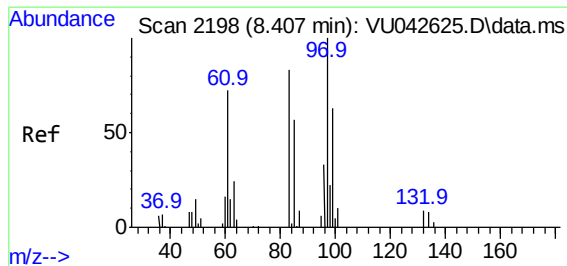
Tgt Ion: 75 Resp: 869
Ion Ratio Lower Upper
75 100
77 58.7 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.04 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042641.D
Acq: 13 Mar 2021 04:24

Tgt Ion: 75 Resp: 331
Ion Ratio Lower Upper
75 100
77 0.0 21.8 40.4#

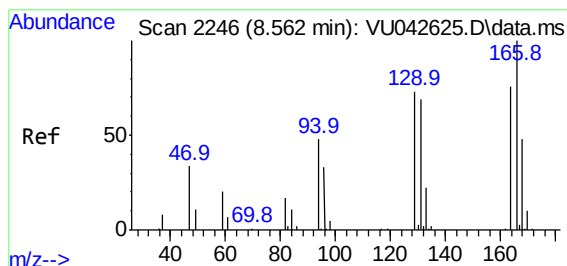
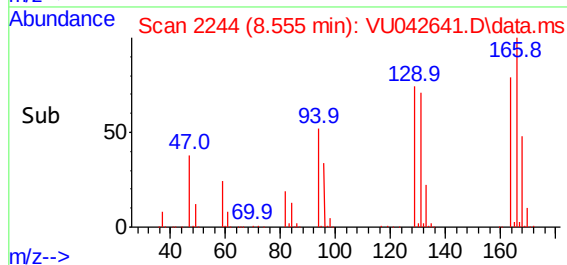
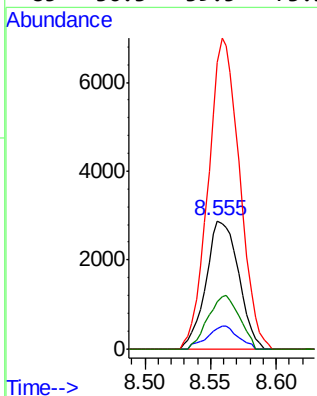
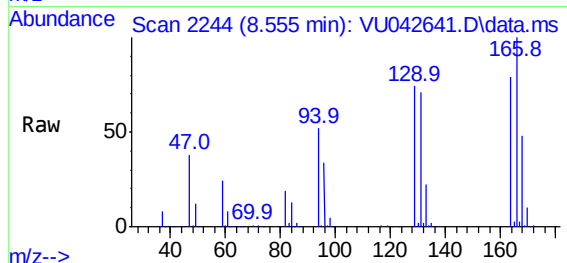




#45
1,1,2-Trichloroethane
Concen: 1.04 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.148 min
Lab File: VU042641.D
Acq: 13 Mar 2021 04:24

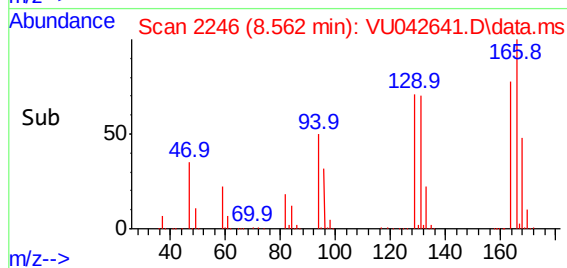
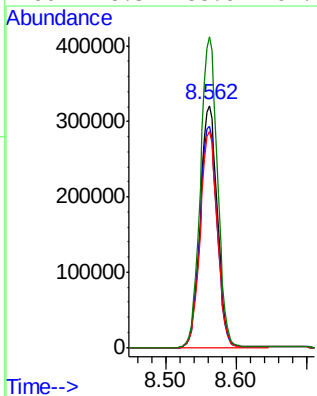
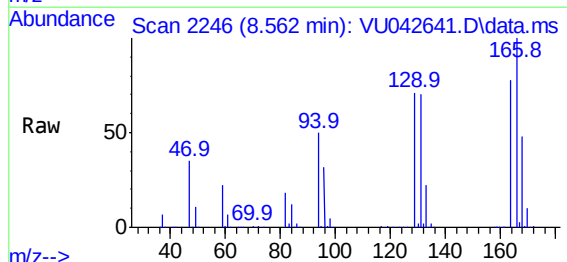
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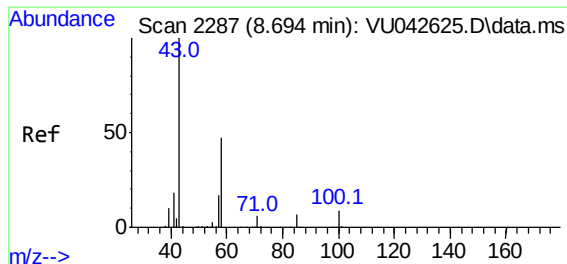
Tgt Ion: 97 Resp: 4950
Ion Ratio Lower Upper
97 100
99 16.2 44.0 81.8#
83 224.0 57.6 107.0#
85 36.3 39.5 73.3#



#47
Tetrachloroethene
Concen: 99.47 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042641.D
Acq: 13 Mar 2021 04:24

Tgt Ion:164 Resp: 539705
Ion Ratio Lower Upper
164 100
129 91.7 64.3 119.5
131 89.5 62.2 115.6
166 128.5 88.6 164.6

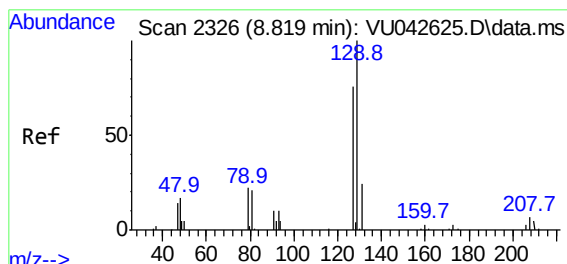
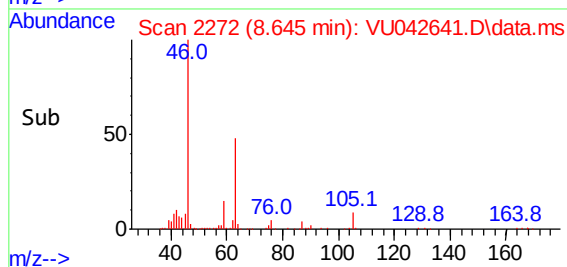
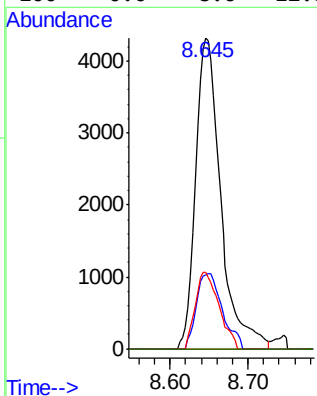
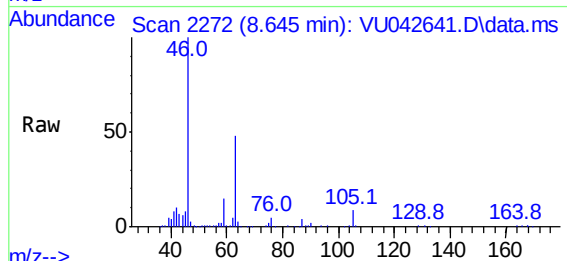




#48
2-Hexanone
Concen: 2.30 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042641.D
Acq: 13 Mar 2021 04:24

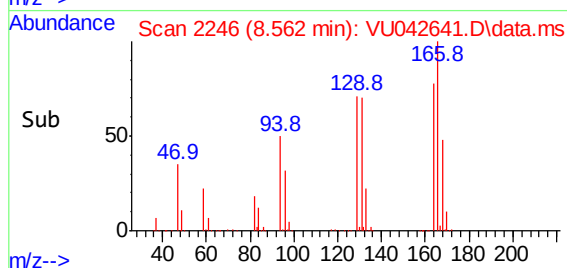
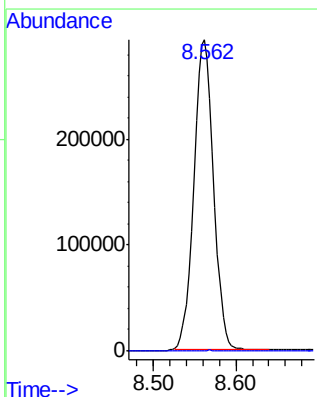
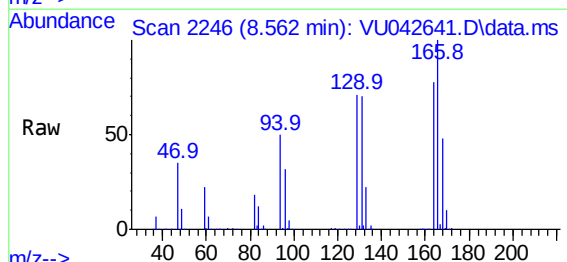
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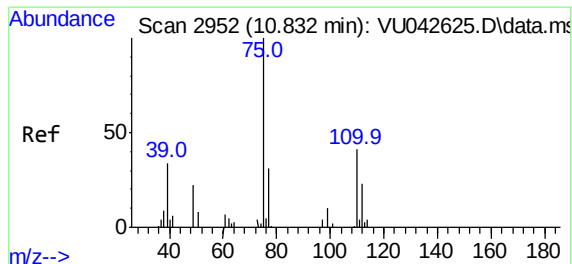
Tgt Ion: 43 Resp: 9600
Ion Ratio Lower Upper
43 100
58 25.0 40.6 61.0#
57 23.2 14.9 22.3#
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 81.90 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042641.D
Acq: 13 Mar 2021 04:24

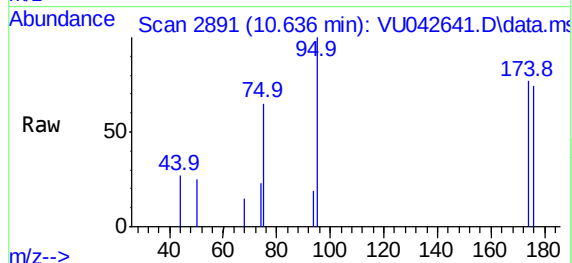
Tgt Ion: 129 Resp: 489858
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.15 ug/L
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.196 min
 Lab File: VU042641.D
 Acq: 13 Mar 2021 04:24

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE1



Tgt Ion: 75 Resp: 743
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

