

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042812.D
 Acq On : 29 Mar 2021 13:26
 Operator : SY/MD
 Sample : M1846-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR32

Quant Time: Mar 30 01:14:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

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

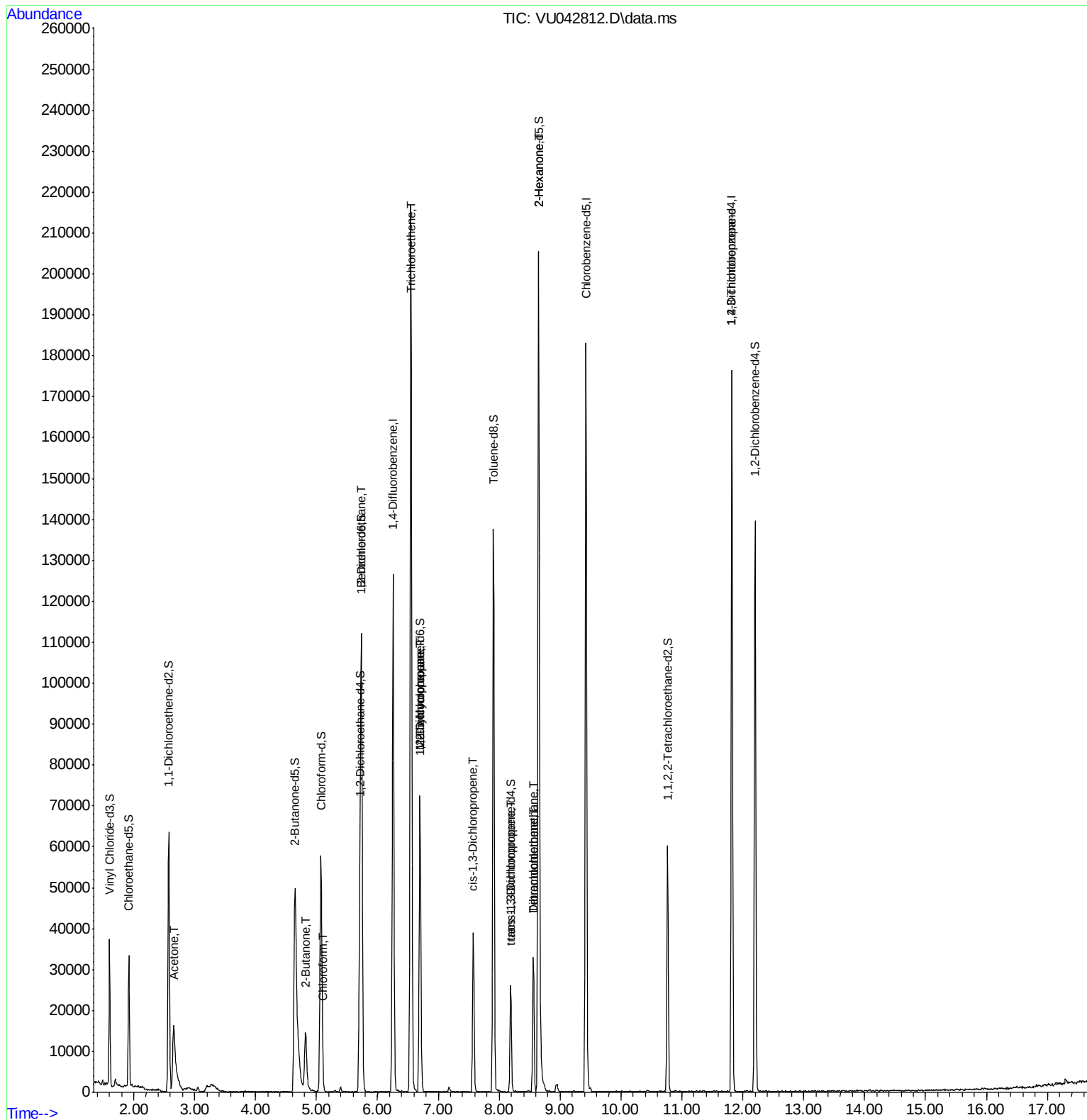
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	94415	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	93945	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	44395	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22838	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.919	69	20892	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.575	63	38351	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	4.645	46	100648	48.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.40%
24) Chloroform-d	5.073	84	51484	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.713	65	32631	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.735	84	93942	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	6.700	67	30442	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.00%
41) Toluene-d8	7.906	98	84464	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloroprop...	8.189	79	12941	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.645	63	71164	42.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.62%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26927	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	35684	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%
Target Compounds						Qvalue
13) Acetone	2.655	43	40232	25.26	ug/L	83
21) 2-Butanone	4.822	43	22571	8.34	ug/L #	52
25) Chloroform	5.102	83	1832	0.13	ug/L	95
27) 1,2-Dichloroethane	5.732	62	509	0.05	ug/L #	75
34) Trichloroethene	6.549	95	69069	8.48	ug/L	97
35) Methylcyclohexane	6.700	83	7112	0.57	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3796	0.48	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1057	0.09	ug/L #	57
44) trans-1,3-Dichloropropene	8.185	75	562	0.05	ug/L #	60
47) Tetrachloroethene	8.562	164	7236	1.09	ug/L	92
48) 2-Hexanone	8.645	43	11978	2.35	ug/L #	71
49) Dibromochloromethane	8.562	129	6369	0.87	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	5310	0.89	ug/L #	81

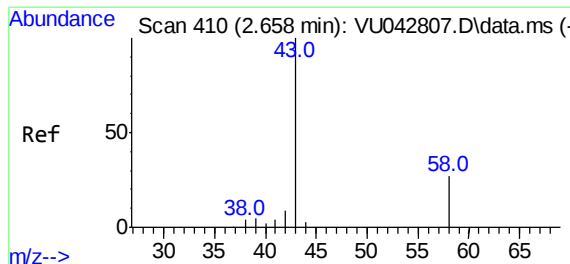
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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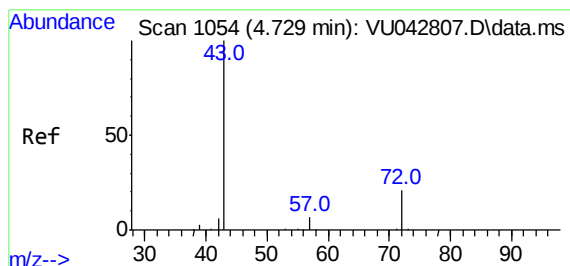
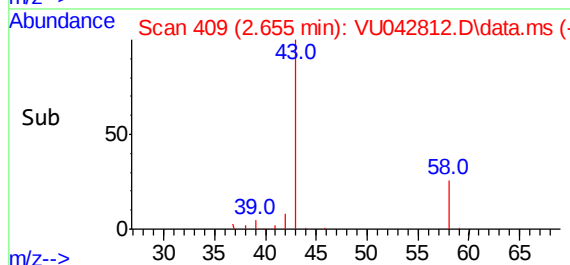
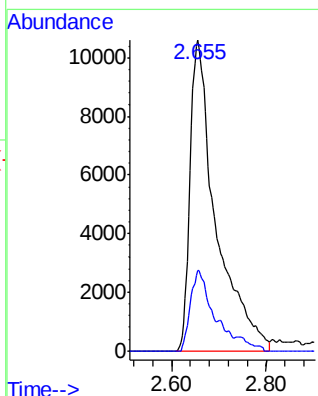
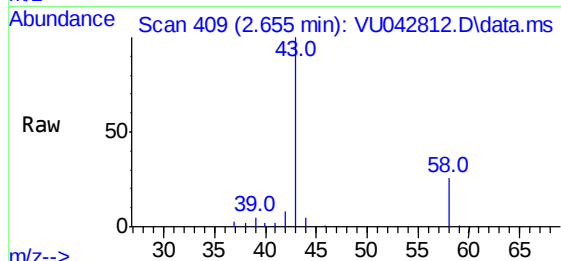




#13
Acetone
Concen: 25.26 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.003 min
Lab File: VU042812.D
Acq: 29 Mar 2021 13:26

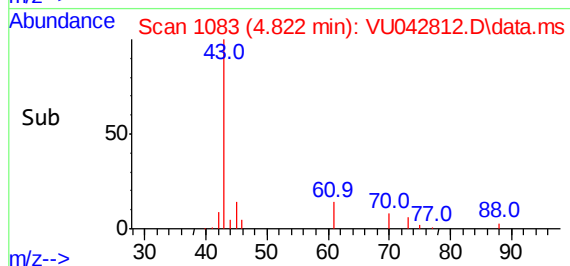
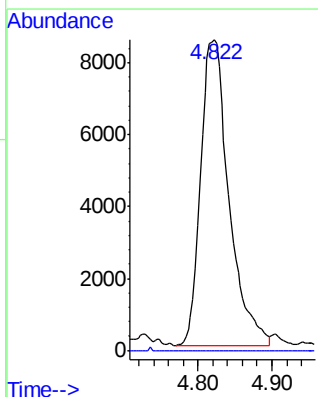
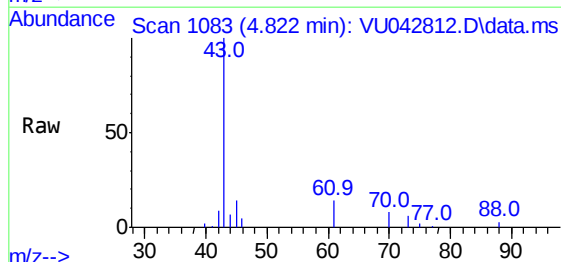
Instrument :
MSVOA_U
ClientSampleId :
YAR32

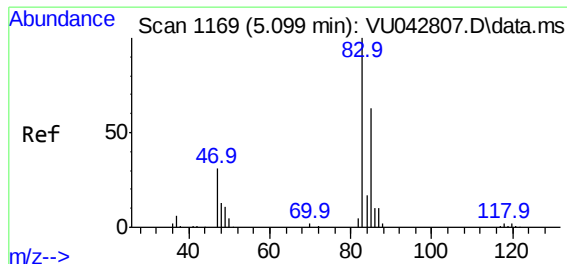
Tgt Ion: 43 Resp: 40232
Ion Ratio Lower Upper
43 100
58 18.8 0.0 55.8



#21
2-Butanone
Concen: 8.34 ug/L
RT: 4.822 min Scan# 1083
Delta R.T. 0.093 min
Lab File: VU042812.D
Acq: 29 Mar 2021 13:26

Tgt Ion: 43 Resp: 22571
Ion Ratio Lower Upper
43 100
72 0.1 11.7 35.1#

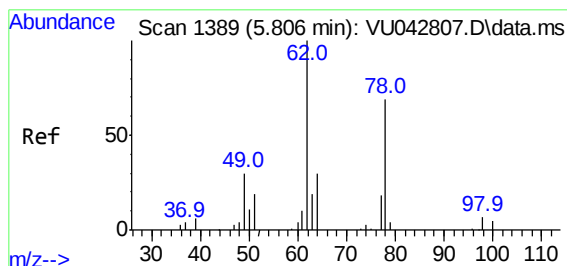
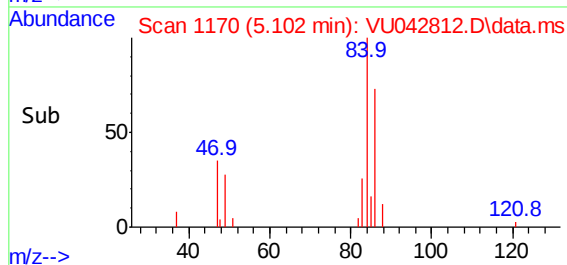
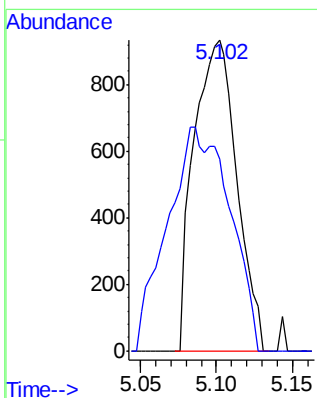
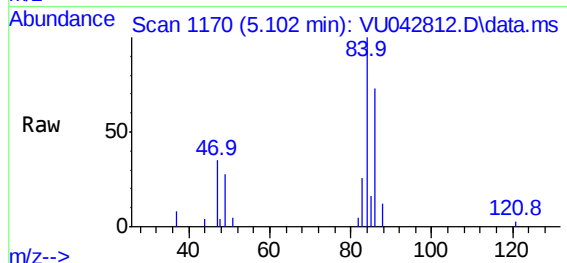




#25
Chloroform
Concen: 0.13 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042812.D
Acq: 29 Mar 2021 13:26

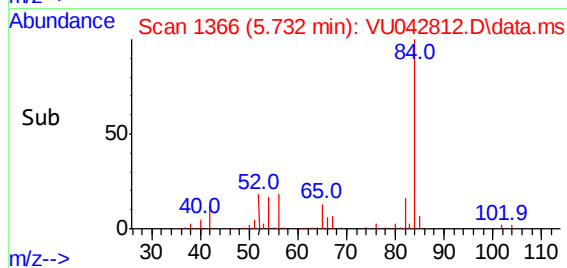
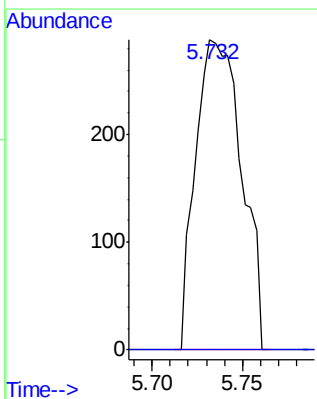
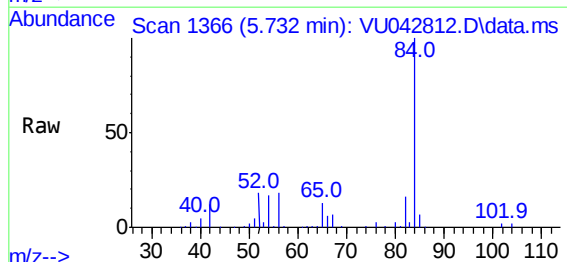
Instrument :
MSVOA_U
ClientSampled :
YAR32

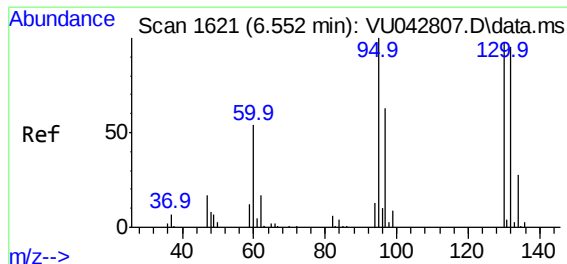
Tgt Ion: 83 Resp: 1832
Ion Ratio Lower Upper
83 100
85 61.6 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.05 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042812.D
Acq: 29 Mar 2021 13:26

Tgt Ion: 62 Resp: 509
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

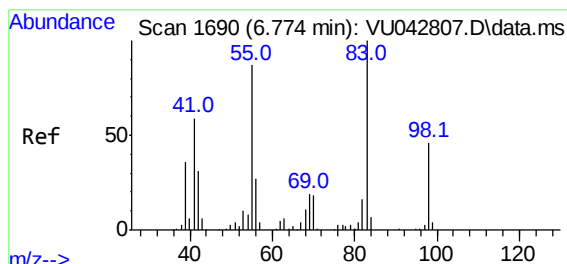
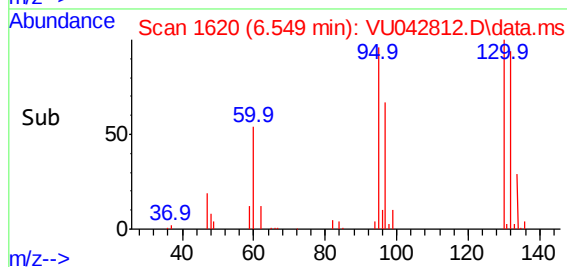
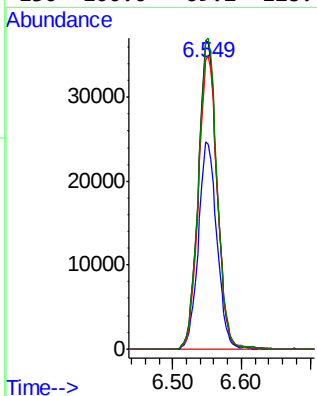
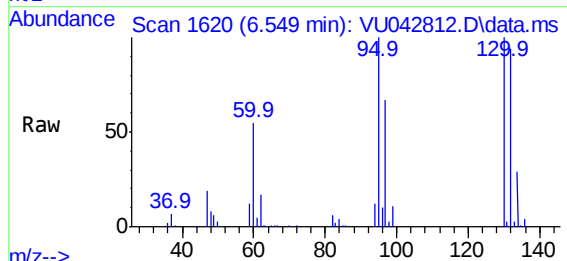




#34
Trichloroethene
Concen: 8.48 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042812.D
Acq: 29 Mar 2021 13:26

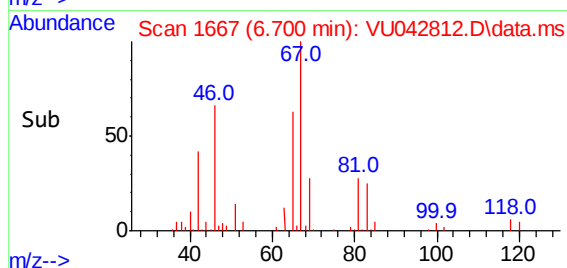
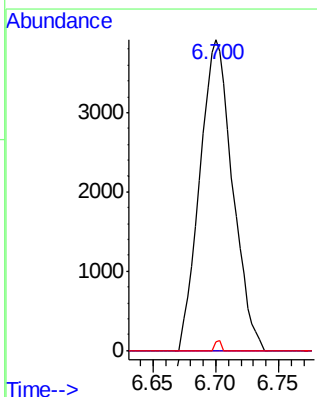
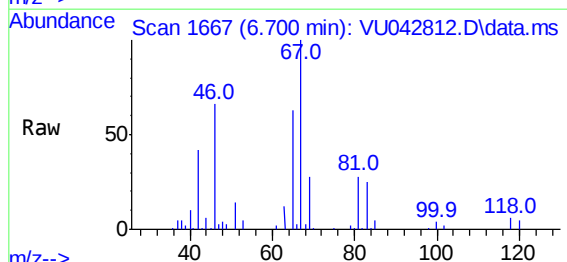
Instrument :
MSVOA_U
ClientSampleId :
YAR32

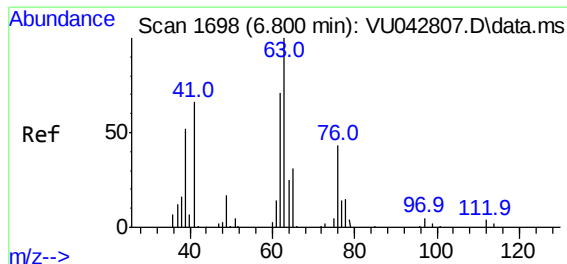
Tgt Ion: 95 Resp: 69069
Ion Ratio Lower Upper
95 100
97 67.3 44.4 82.4
132 93.7 68.0 126.4
130 100.0 69.2 128.4



#35
Methylcyclohexane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042812.D
Acq: 29 Mar 2021 13:26

Tgt Ion: 83 Resp: 7112
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

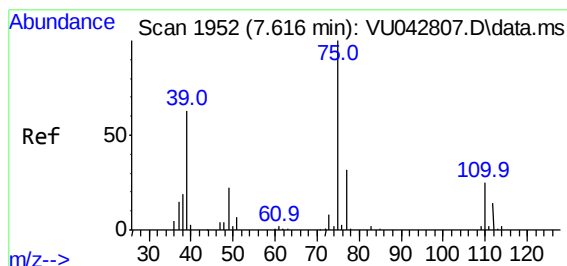
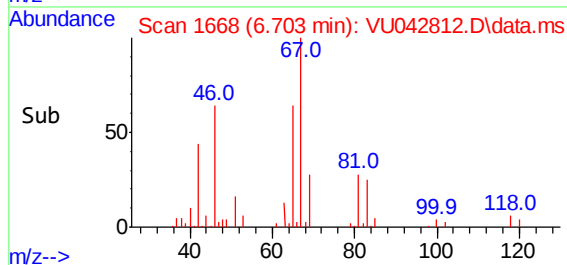
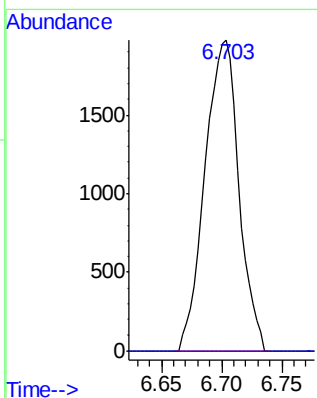
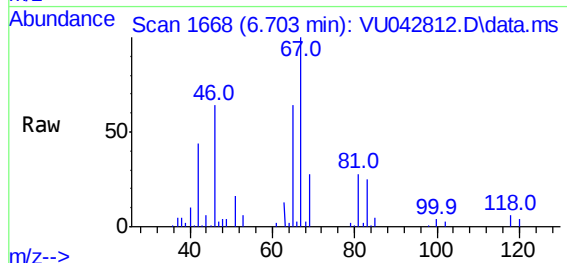




#37
1,2-Dichloropropane
Concen: 0.48 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042812.D
Acq: 29 Mar 2021 13:26

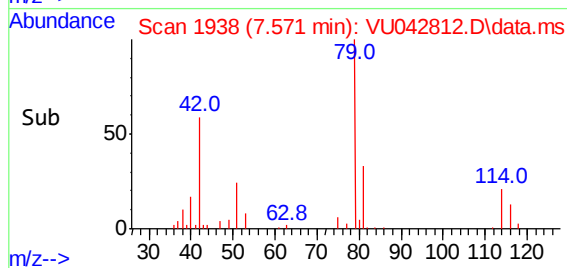
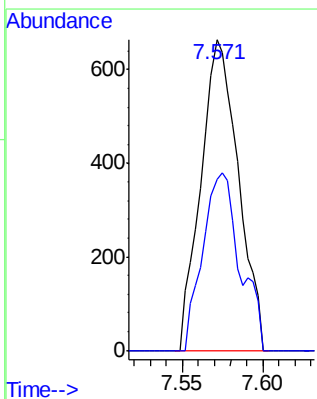
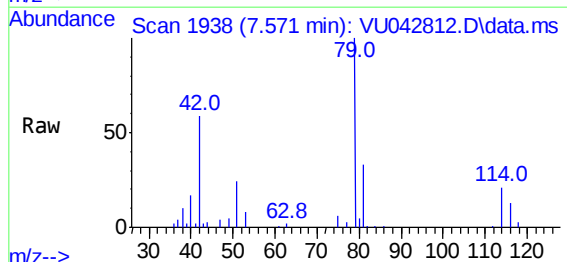
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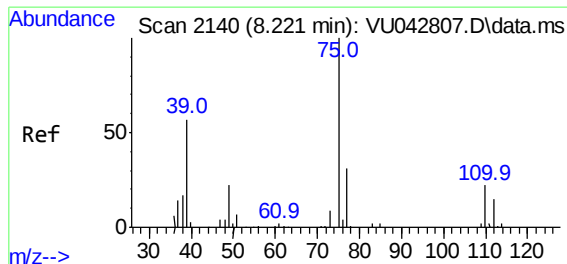
Tgt Ion: 63 Resp: 3796
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042812.D
Acq: 29 Mar 2021 13:26

Tgt Ion: 75 Resp: 1057
Ion Ratio Lower Upper
75 100
77 55.3 22.0 40.8#

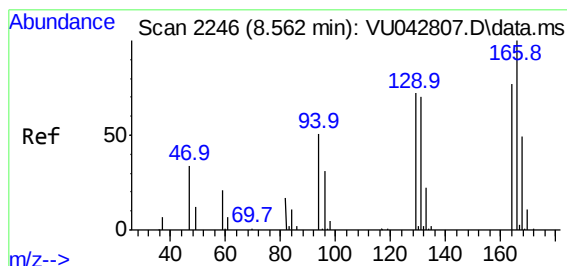
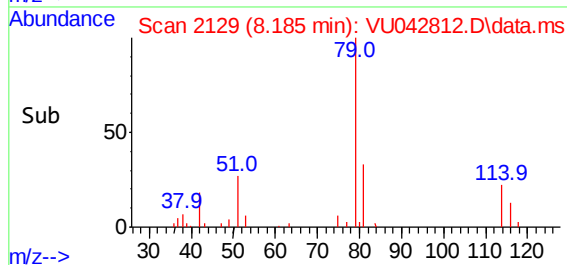
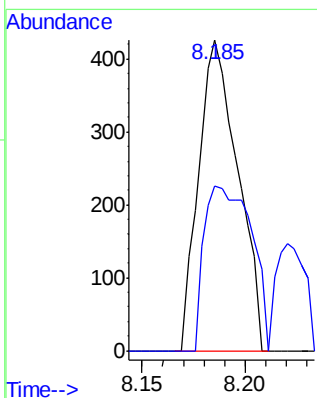
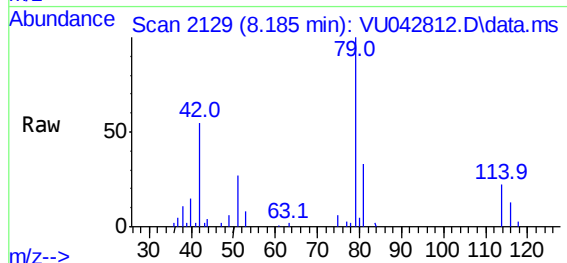




#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042812.D
Acq: 29 Mar 2021 13:26

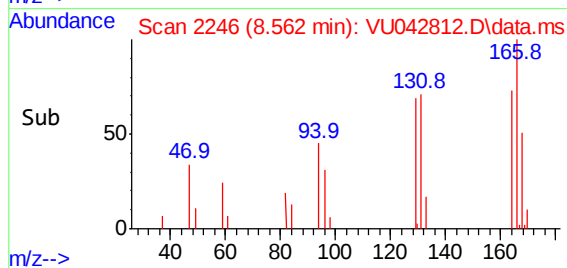
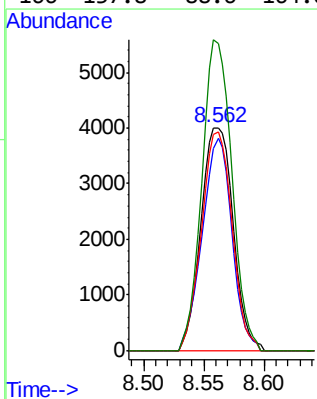
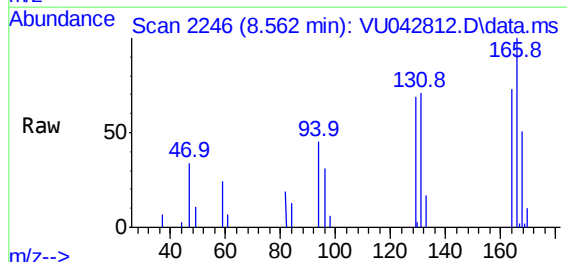
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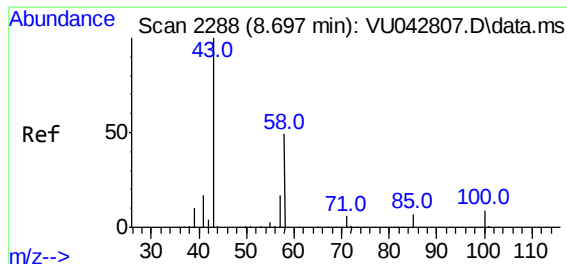
Tgt Ion: 75 Resp: 562
Ion Ratio Lower Upper
75 100
77 53.1 21.8 40.4#



#47
Tetrachloroethene
Concen: 1.09 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042812.D
Acq: 29 Mar 2021 13:26

Tgt Ion:164 Resp: 7236
Ion Ratio Lower Upper
164 100
129 95.2 64.3 119.5
131 97.8 62.2 115.6
166 137.8 88.6 164.6

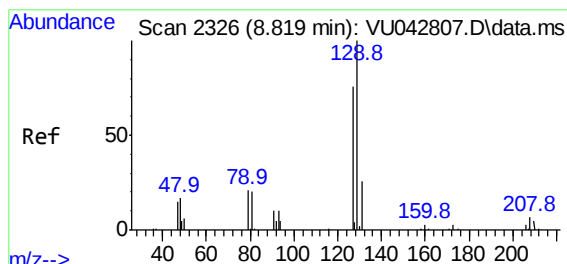
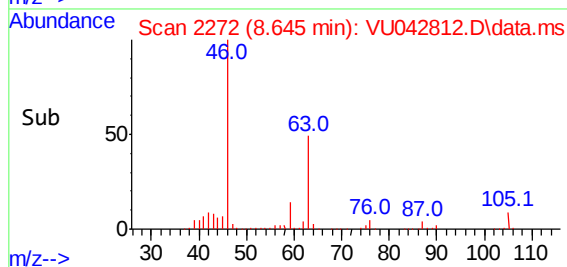
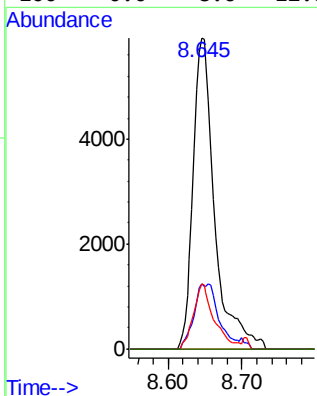
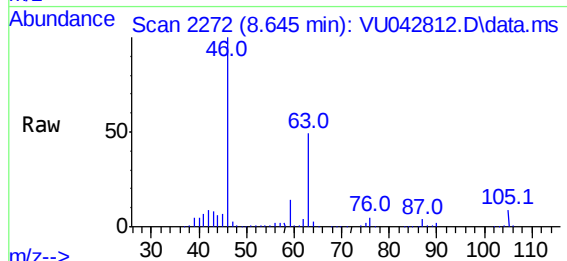




#48
2-Hexanone
Concen: 2.35 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042812.D
Acq: 29 Mar 2021 13:26

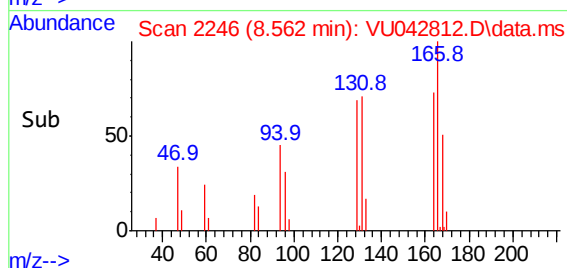
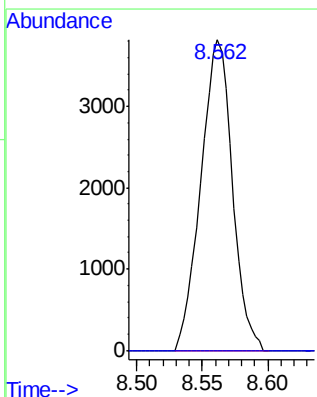
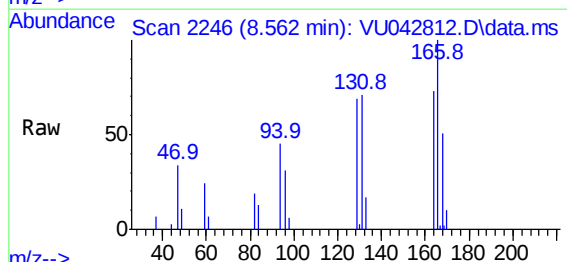
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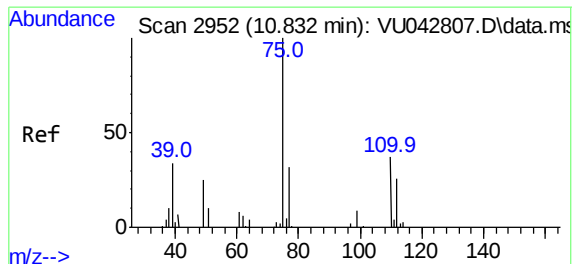
Tgt Ion: 43 Resp: 11978
Ion Ratio Lower Upper
43 100
58 24.0 40.6 61.0#
57 20.3 14.9 22.3
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 0.87 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042812.D
Acq: 29 Mar 2021 13:26

Tgt Ion: 129 Resp: 6369
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.89 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042812.D
 Acq: 29 Mar 2021 13:26

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR32

Tgt Ion: 75 Resp: 5310
 Ion Ratio Lower Upper
 75 100
 77 42.9 26.0 39.0#

