

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042818.D
 Acq On : 29 Mar 2021 16:02
 Operator : SY/MD
 Sample : M1846-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR23

Quant Time: Mar 30 01:16:18 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)

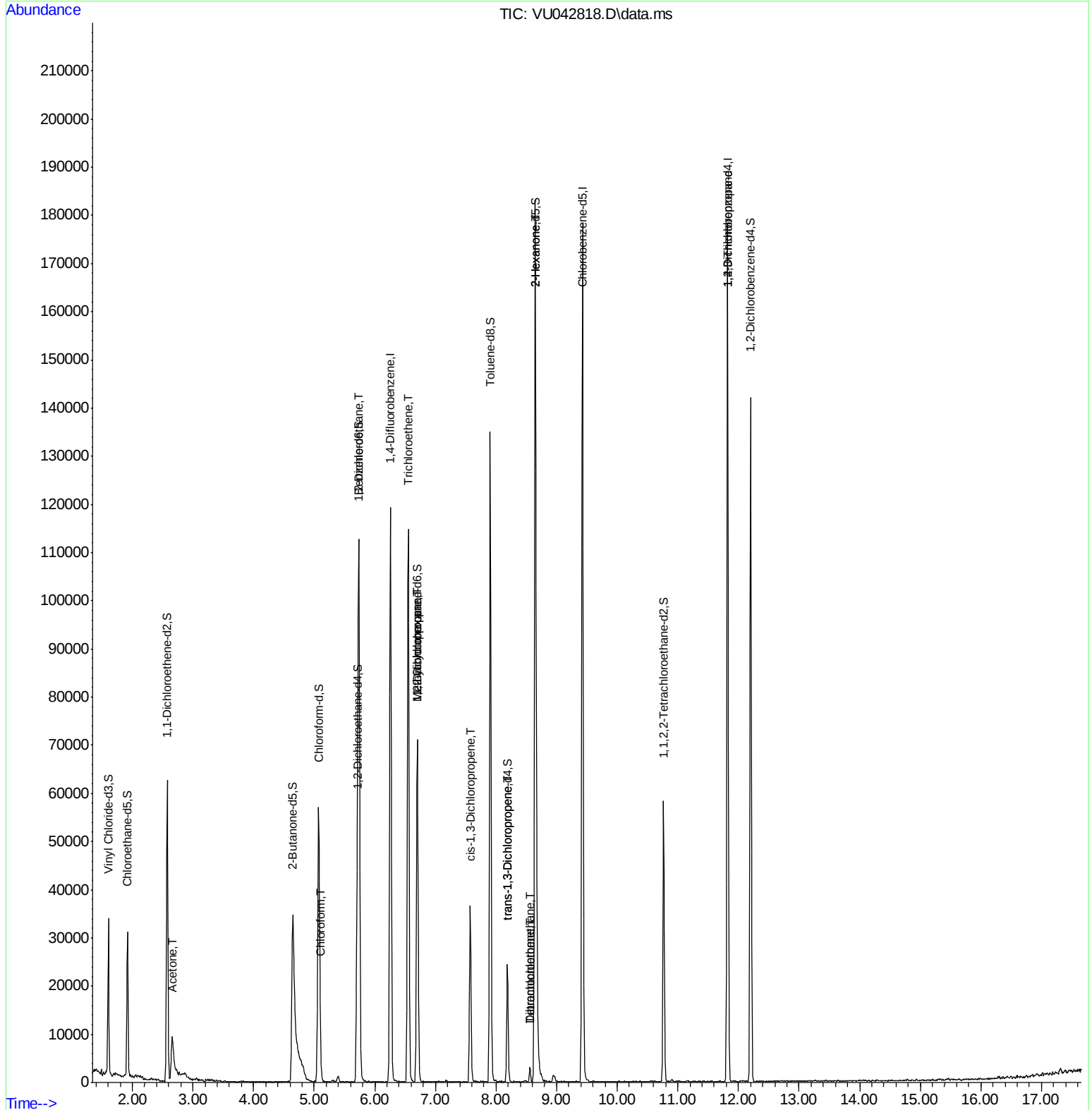
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	91899	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	92664	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	44445	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22143	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.919	69	20355	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.572	63	38622	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.649	46	95827	47.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.28%
24) Chloroform-d	5.073	84	51038	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.710	65	33085	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.735	84	91476	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.700	67	30792	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.906	98	82147	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloroprop...	8.189	79	12657	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.649	63	67381	41.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.20%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	26596	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	35375	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%
Target Compounds						Qvalue
13) Acetone	2.658	43	19027	12.27	ug/L	96
25) Chloroform	5.099	83	3033	0.22	ug/L	88
27) 1,2-Dichloroethane	5.732	62	668	0.06	ug/L #	75
34) Trichloroethene	6.552	95	36842	4.58	ug/L	94
35) Methylcyclohexane	6.703	83	7283	0.60	ug/L #	15
37) 1,2-Dichloropropane	6.703	63	3638	0.46	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	897	0.08	ug/L #	76
44) trans-1,3-Dichloropropene	8.186	75	574	0.05	ug/L #	75
47) Tetrachloroethene	8.562	164	699	0.11	ug/L	90
48) 2-Hexanone	8.645	43	11693	2.32	ug/L #	68
49) Dibromochloromethane	8.562	129	529	0.07	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	5517	0.94	ug/L #	86

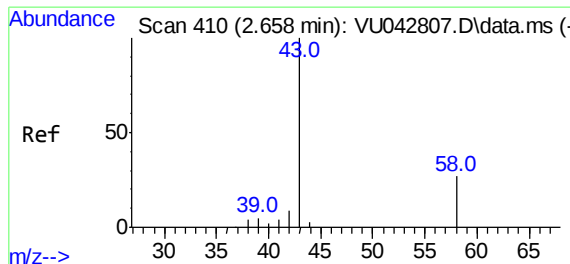
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 30 01:12:10 2021
Response via : Initial Calibration

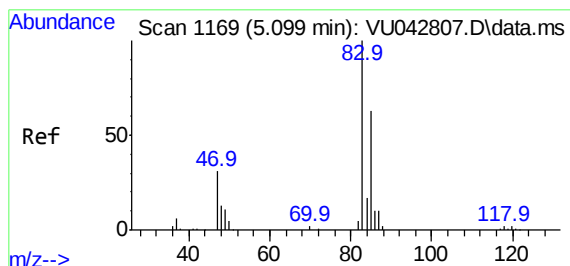
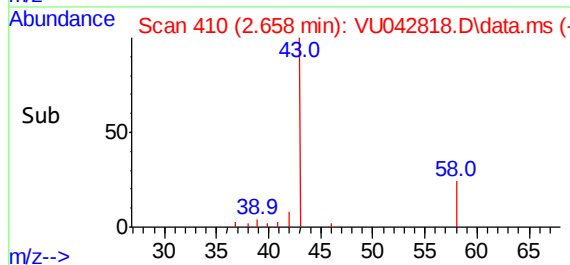
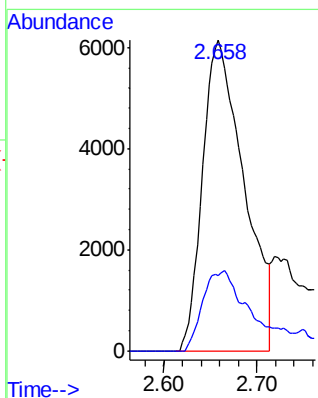
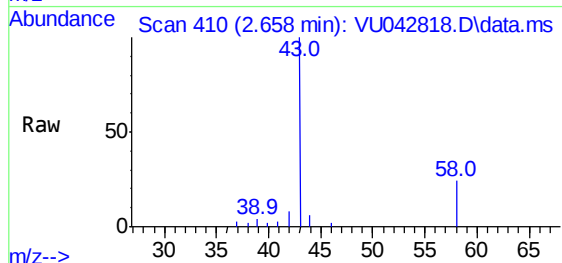




#13
Acetone
Concen: 12.27 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.000 min
Lab File: VU042818.D
Acq: 29 Mar 2021 16:02

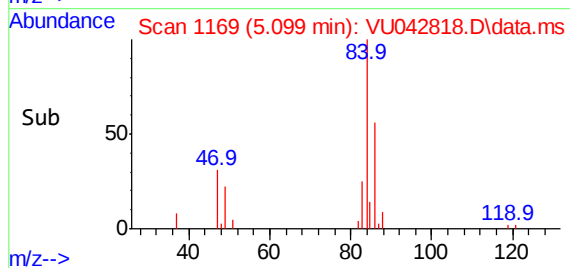
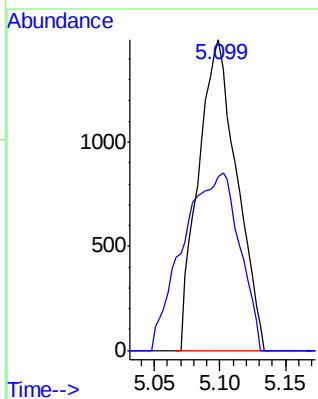
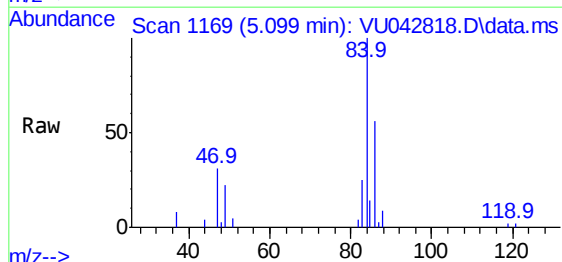
Instrument :
MSVOA_U
ClientSampled :
YAR23

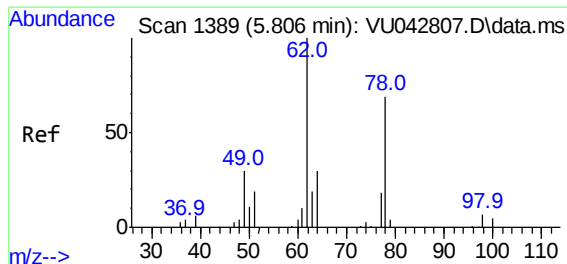
Tgt Ion: 43 Resp: 19027
Ion Ratio Lower Upper
43 100
58 30.1 0.0 55.8



#25
Chloroform
Concen: 0.22 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042818.D
Acq: 29 Mar 2021 16:02

Tgt Ion: 83 Resp: 3033
Ion Ratio Lower Upper
83 100
85 55.8 45.7 84.9

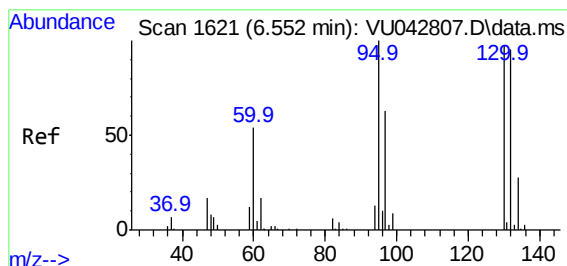
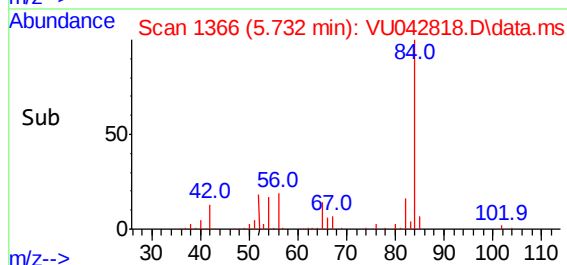
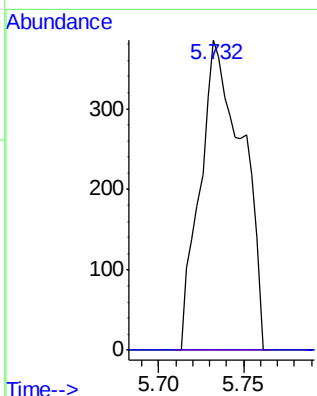
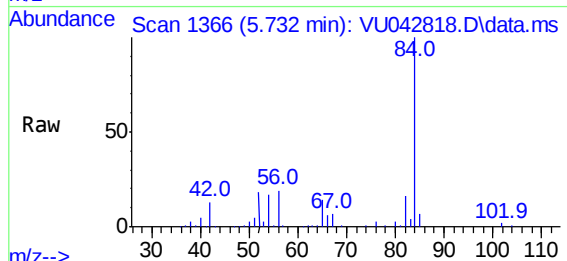




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042818.D
Acq: 29 Mar 2021 16:02

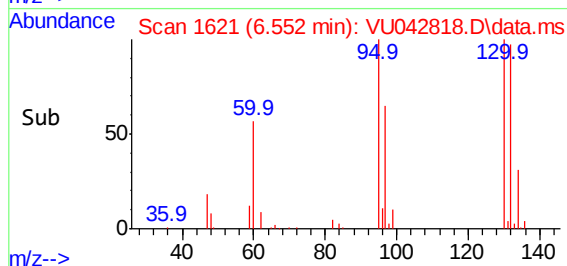
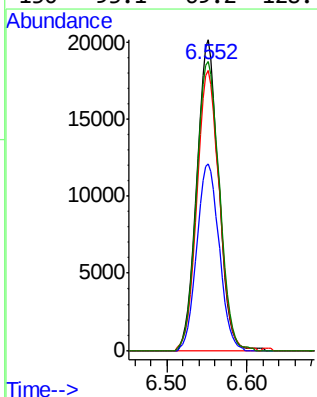
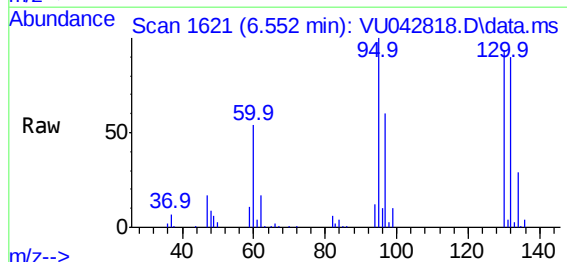
Instrument :
MSVOA_U
ClientSampleId :
YAR23

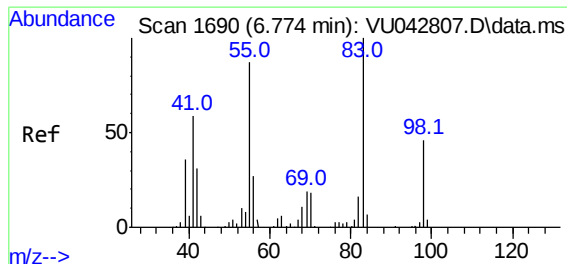
Tgt Ion: 62 Resp: 668
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#34
Trichloroethene
Concen: 4.58 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042818.D
Acq: 29 Mar 2021 16:02

Tgt Ion: 95 Resp: 36842
Ion Ratio Lower Upper
95 100
97 60.1 44.4 82.4
132 90.1 68.0 126.4
130 93.1 69.2 128.4

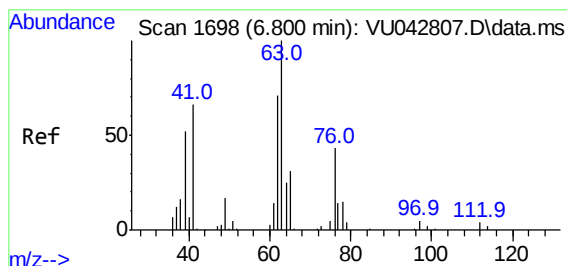
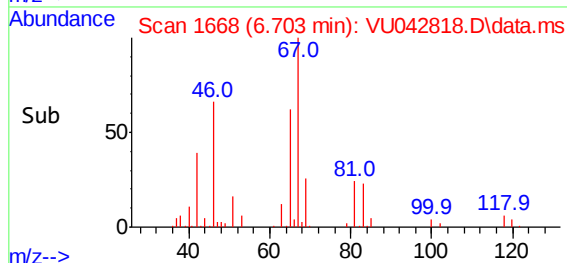
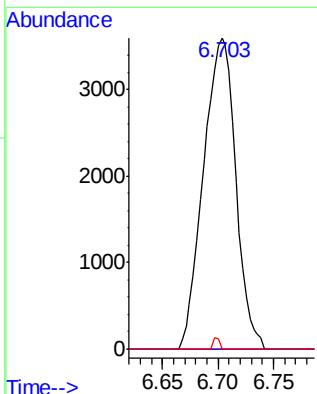
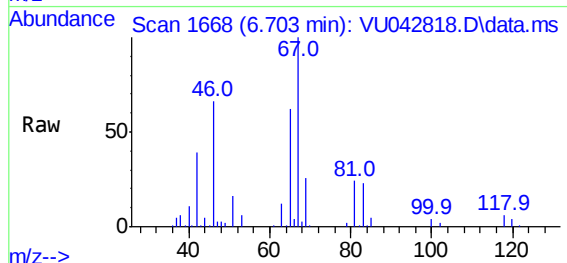




#35
Methylcyclohexane
Concen: 0.60 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU042818.D
Acq: 29 Mar 2021 16:02

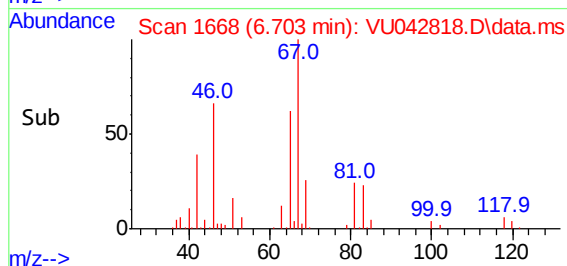
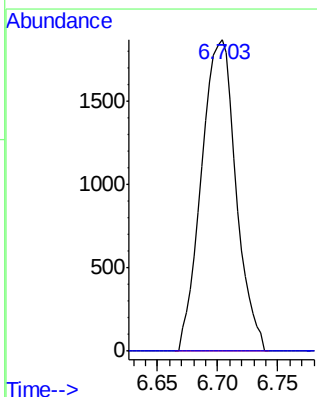
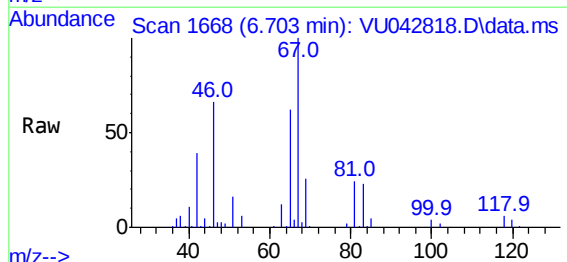
Instrument :
MSVOA_U
ClientSampleId :
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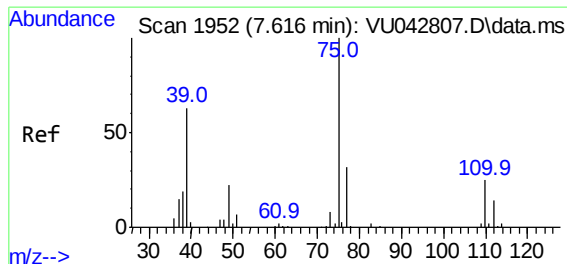
Tgt Ion: 83 Resp: 7283
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.6 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.46 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042818.D
Acq: 29 Mar 2021 16:02

Tgt Ion: 63 Resp: 3638
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

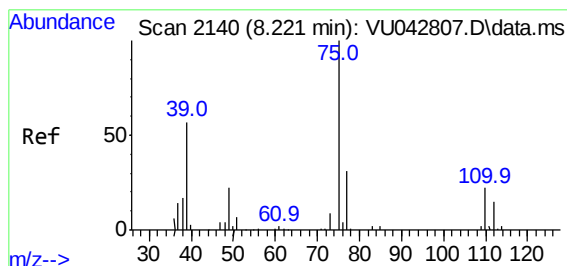
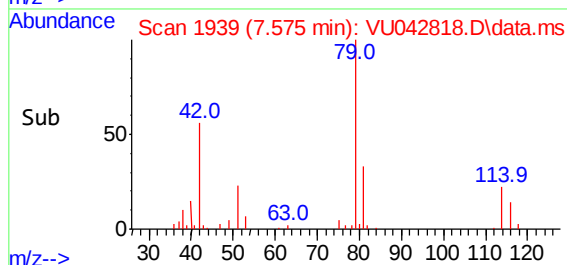
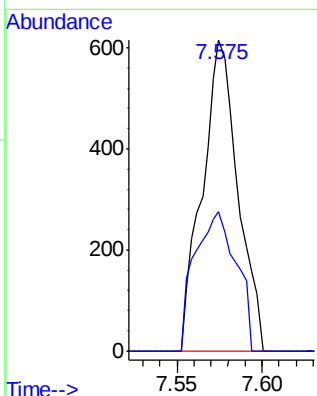
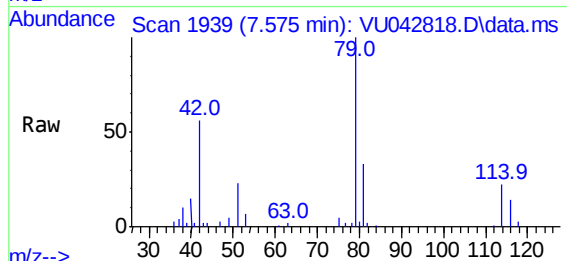




#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042818.D
Acq: 29 Mar 2021 16:02

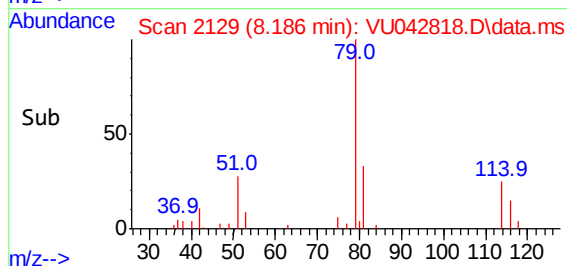
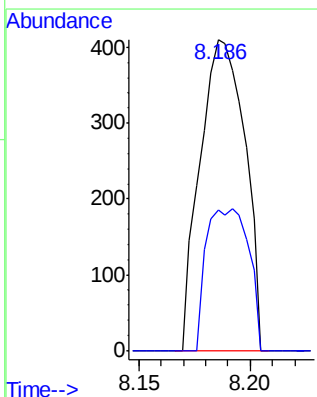
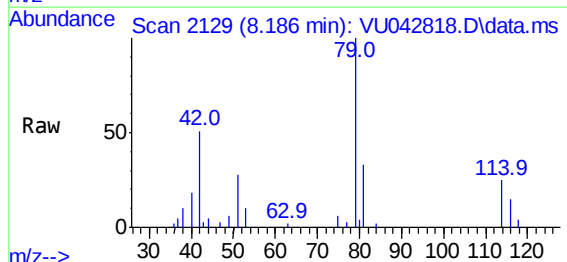
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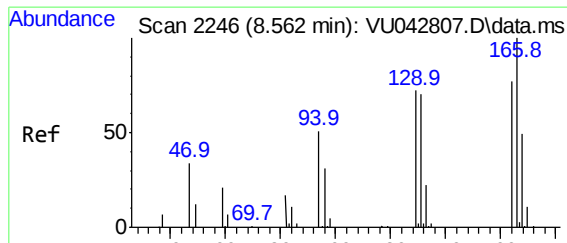
Tgt Ion: 75 Resp: 897
Ion Ratio Lower Upper
75 100
77 44.7 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042818.D
Acq: 29 Mar 2021 16:02

Tgt Ion: 75 Resp: 574
Ion Ratio Lower Upper
75 100
77 45.1 21.8 40.4#

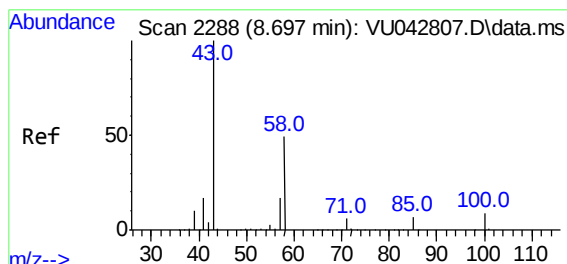
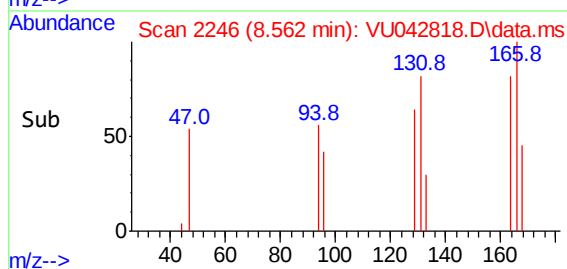
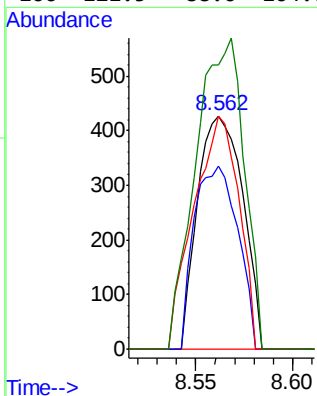
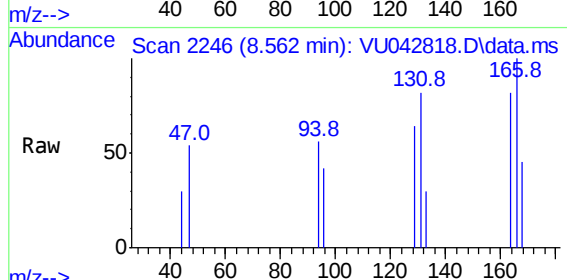




#47
Tetrachloroethene
Concen: 0.11 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042818.D
Acq: 29 Mar 2021 16:02

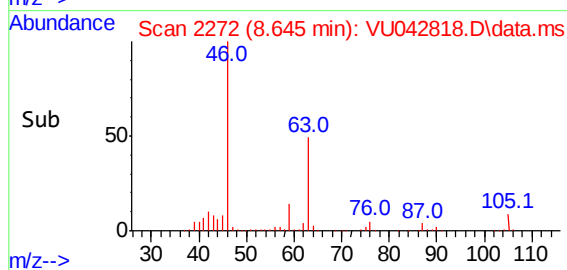
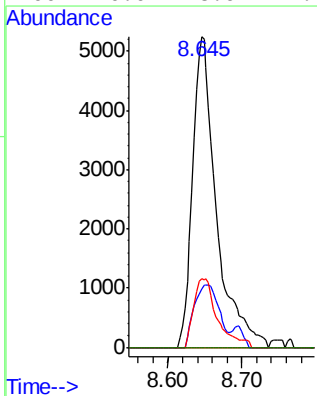
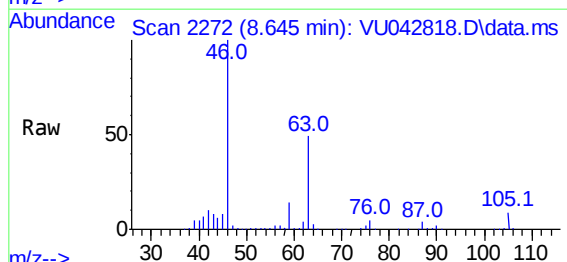
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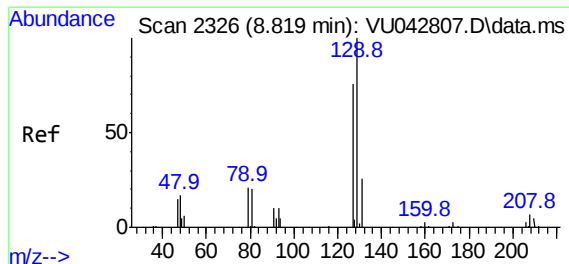
Tgt Ion:164 Resp: 699
Ion Ratio Lower Upper
164 100
129 78.3 64.3 119.5
131 100.0 62.2 115.6
166 121.5 88.6 164.6



#48
2-Hexanone
Concen: 2.32 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042818.D
Acq: 29 Mar 2021 16:02

Tgt Ion: 43 Resp: 11693
Ion Ratio Lower Upper
43 100
58 21.3 40.6 61.0#
57 21.6 14.9 22.3
100 0.0 8.6 12.8#

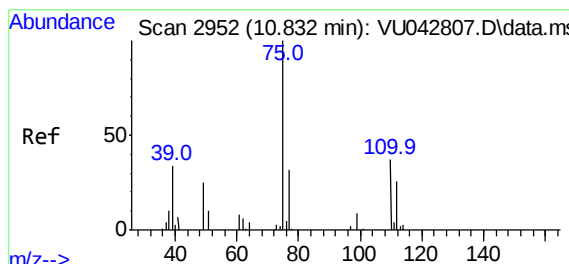
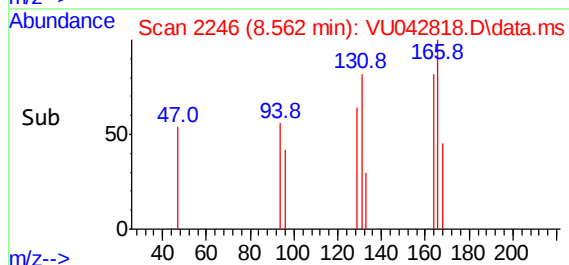
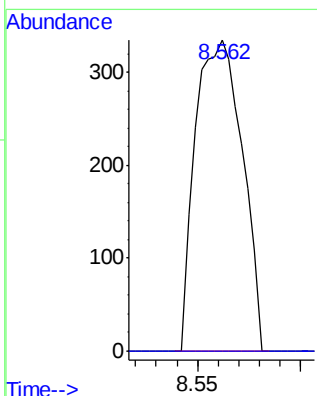
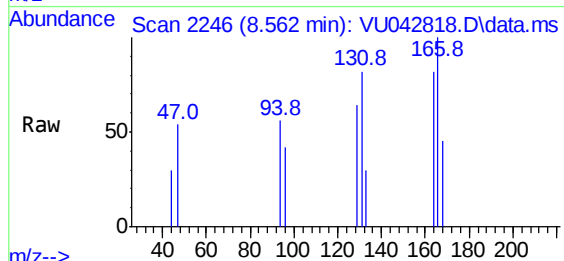




#49
Dibromochloromethane
Concen: 0.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042818.D
Acq: 29 Mar 2021 16:02

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MSVOA_U
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Tgt Ion:129 Resp: 529
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.94 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042818.D
Acq: 29 Mar 2021 16:02

Tgt Ion: 75 Resp: 5517
Ion Ratio Lower Upper
75 100
77 40.1 26.0 39.0#

