

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045244.D
 Acq On : 08 Oct 2021 12:18
 Operator : SY/MD
 Sample : M4024-13DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:30:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

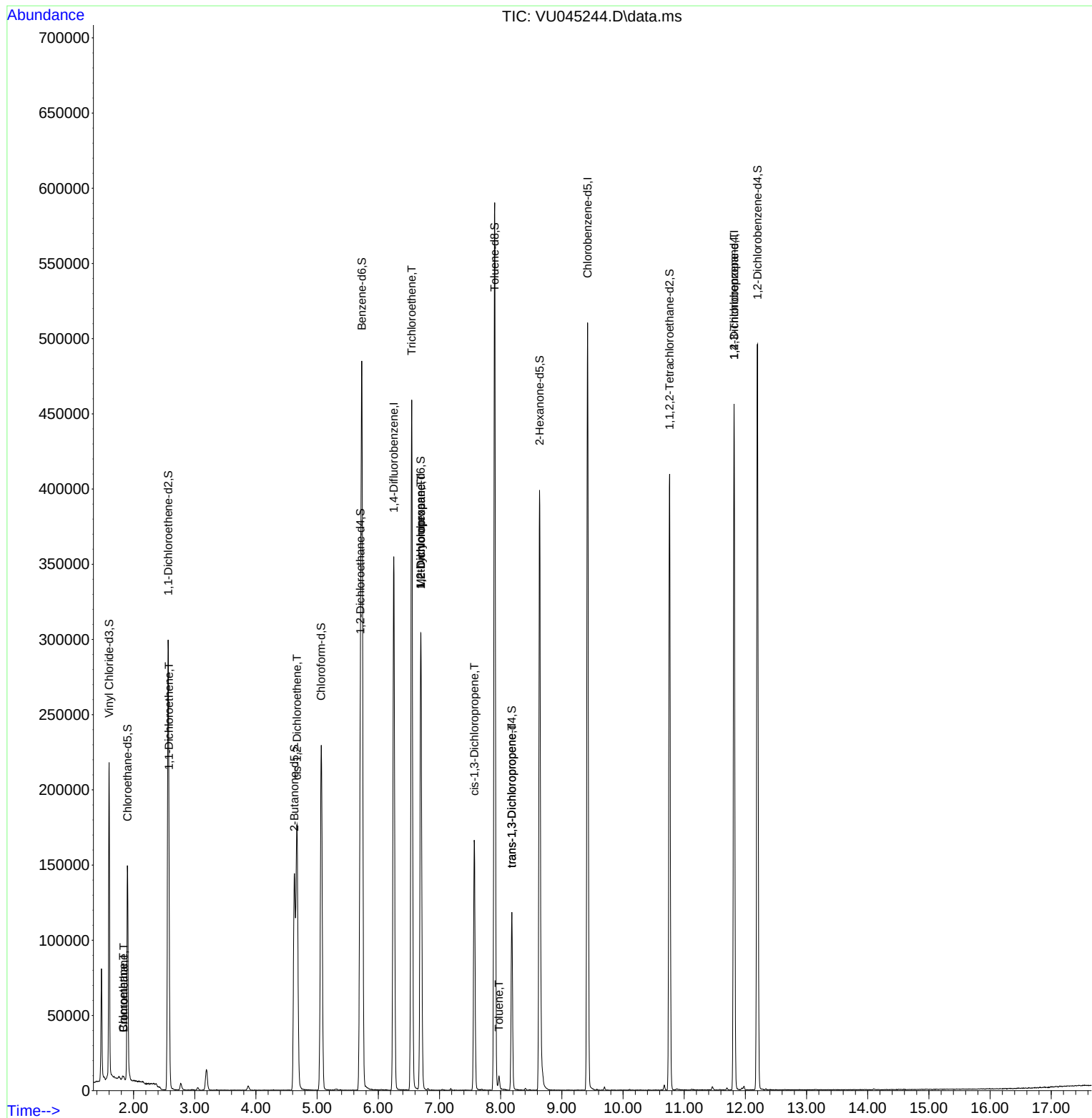
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	275481	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	264398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	110354	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	139229	46.168	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.340%
7) Chloroethane-d5	1.900	69	110361	46.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.360%
11) 1,1-Dichloroethene-d2	2.565	63	176516	34.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.700%
21) 2-Butanone-d5	4.626	46	200011	83.892	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.890%
24) Chloroform-d	5.067	84	207240	43.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.020%
26) 1,2-Dichloroethane-d4	5.706	65	145870	45.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.420%
32) Benzene-d6	5.732	84	433345	47.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
36) 1,2-Dichloropropane-d6	6.694	67	139420	46.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.220%
41) Toluene-d8	7.903	98	372884	47.096	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.182	79	61643	46.324	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.640%
47) 2-Hexanone-d5	8.636	63	136957	82.614	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.610%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	203818	43.754	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.500%
66) 1,2-Dichlorobenzene-d4	12.198	152	122551	51.029	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.060%
Target Compounds						
					Qvalue	
6) Bromomethane	1.838	94	898	0.581	ug/L	80
8) Chloroethane	1.832	64	2065	1.021	ug/L #	43
12) 1,1-Dichloroethene	2.578	96	15417	7.227	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	84488	34.119	ug/L	94
34) Trichloroethene	6.546	95	156299	66.358	ug/L	99
35) Methylcyclohexane	6.694	83	32765	8.309	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	15606	5.845	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3837	1.004	ug/L #	68
42) Toluene	7.973	91	5942	0.596	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	2687	0.740	ug/L	92
60) 1,2,3-Trichloropropane	11.816	75	15593	5.109	ug/L #	68

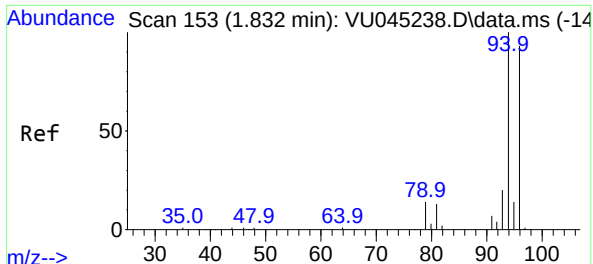
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 09 05:29:23 2021
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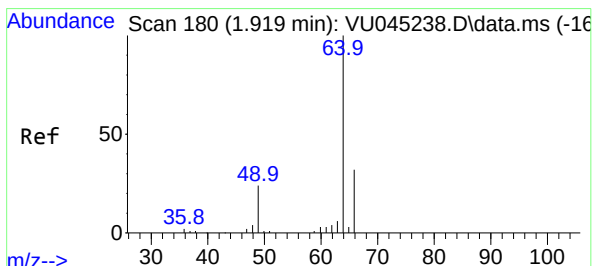
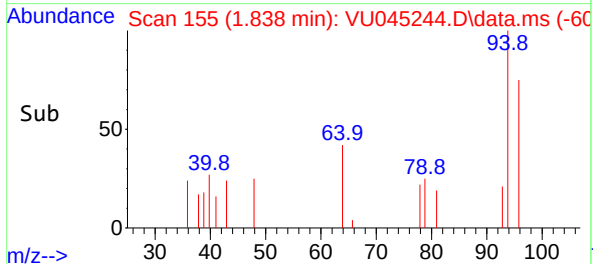
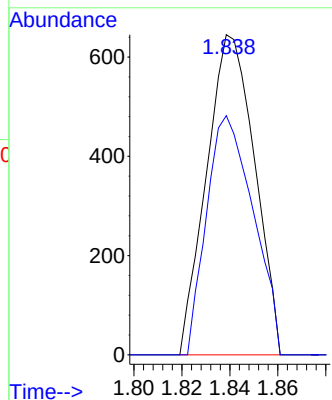
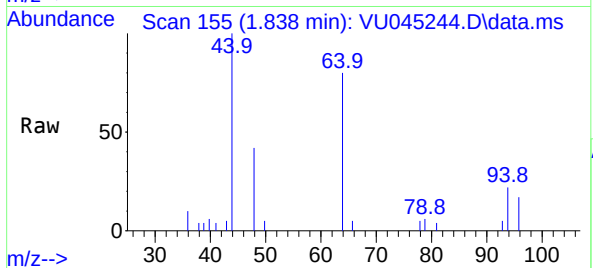




#6
Bromomethane
Concen: 0.581 ug/L
RT: 1.838 min Scan# 155
Delta R.T. 0.006 min
Lab File: VU045244.D
Acq: 08 Oct 2021 12:18

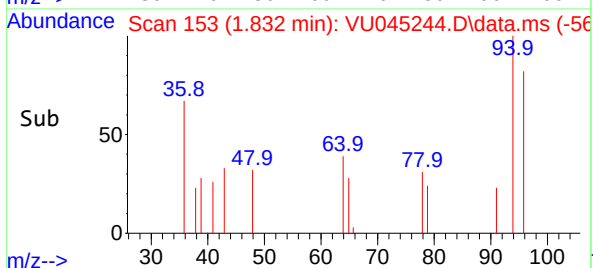
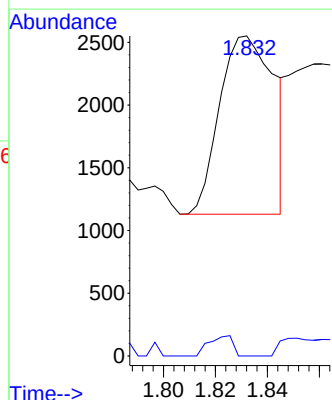
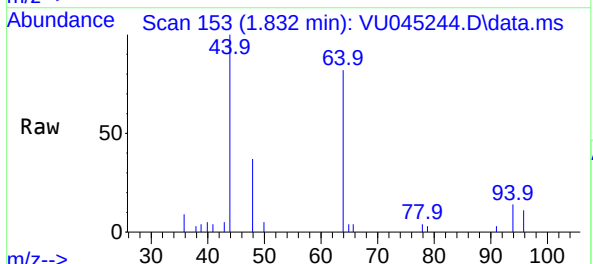
Instrument :
MSVOA_U
ClientSampled :

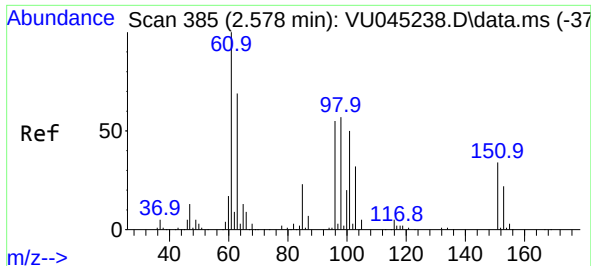
Tgt Ion: 94 Resp: 898
Ion Ratio Lower Upper
94 100
96 74.7 65.7 121.9



#8
Chloroethane
Concen: 1.021 ug/L
RT: 1.832 min Scan# 153
Delta R.T. -0.087 min
Lab File: VU045244.D
Acq: 08 Oct 2021 12:18

Tgt Ion: 64 Resp: 2065
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.3#

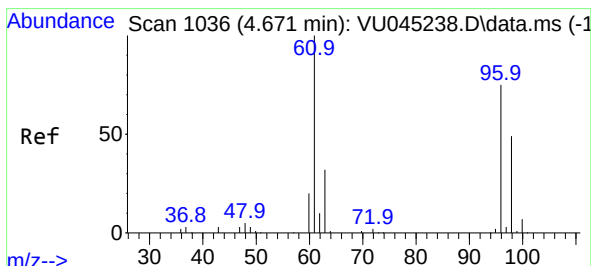
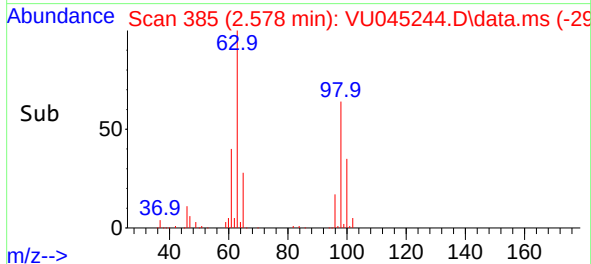
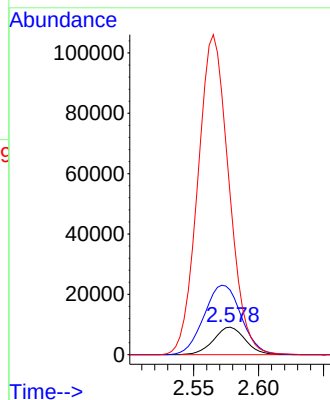
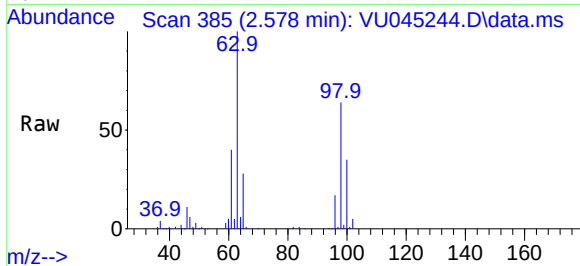




#12
1,1-Dichloroethene
Concen: 7.227 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU045244.D
Acq: 08 Oct 2021 12:18

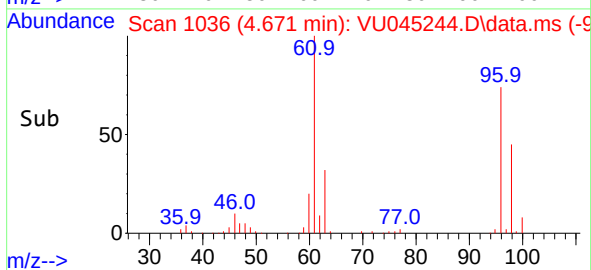
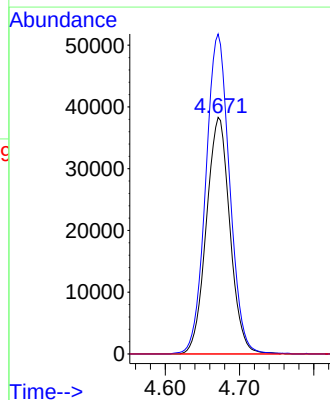
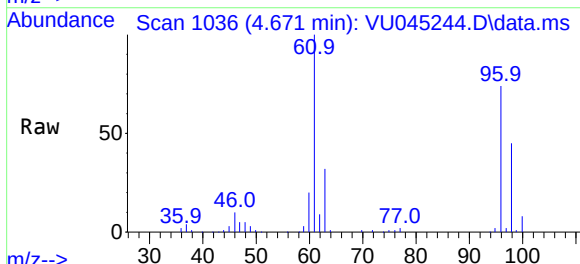
Instrument :
MSVOA_U
ClientSampled :

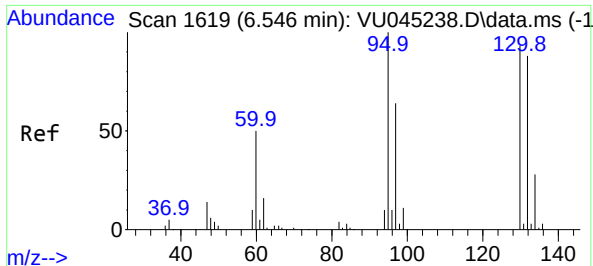
Tgt Ion: 96 Resp: 15417
Ion Ratio Lower Upper
96 100
61 235.4 131.3 243.9
63 583.2 102.5 190.3#



#20
cis-1,2-Dichloroethene
Concen: 34.119 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045244.D
Acq: 08 Oct 2021 12:18

Tgt Ion: 96 Resp: 84488
Ion Ratio Lower Upper
96 100
61 135.3 100.2 186.0
68 0.0 0.0 0.0

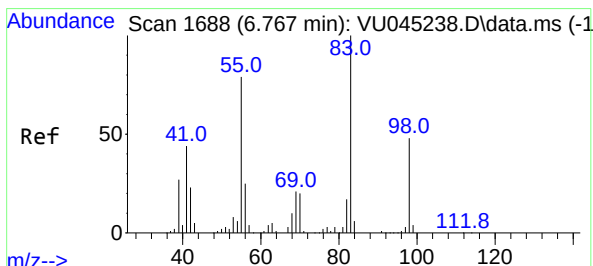
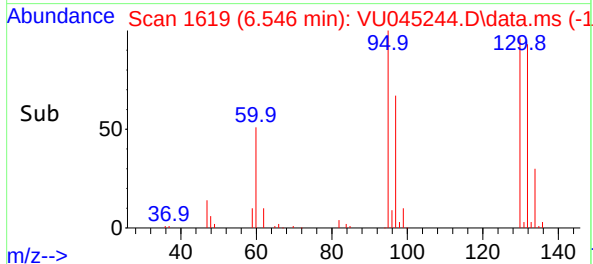
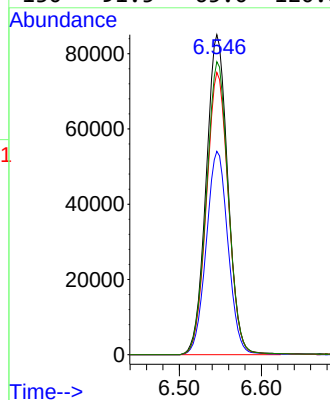
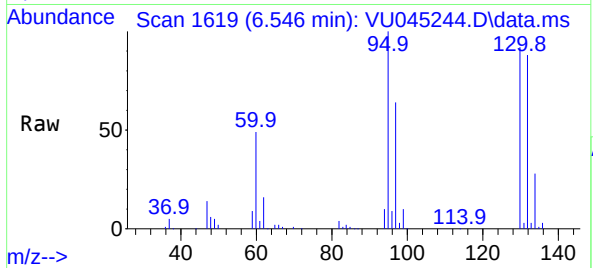




#34
Trichloroethene
Concen: 66.358 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045244.D
Acq: 08 Oct 2021 12:18

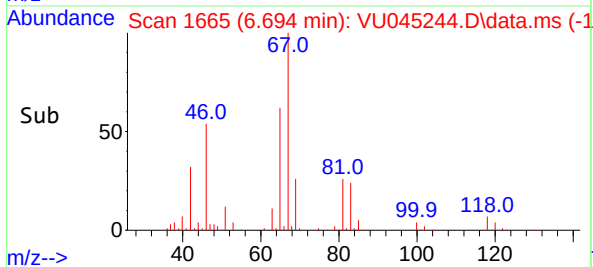
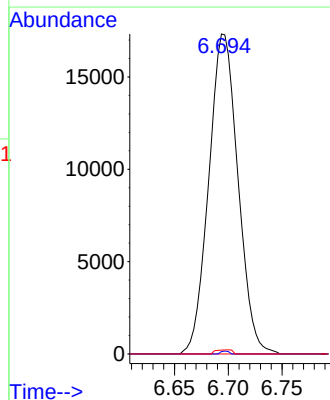
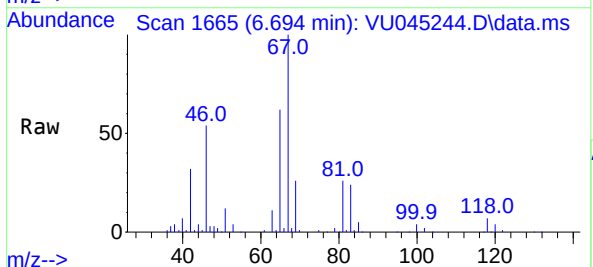
Instrument :
MSVOA_U
ClientSampleId :

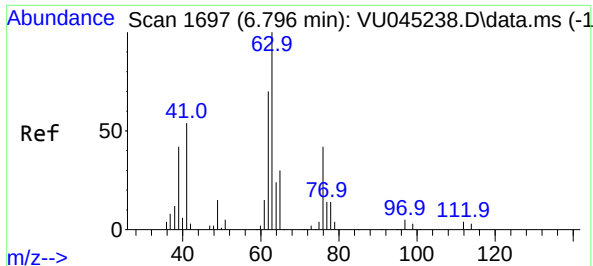
Tgt Ion: 95 Resp: 156299
Ion Ratio Lower Upper
95 100
97 63.5 44.4 82.4
132 88.2 62.9 116.9
130 91.5 65.0 120.8



#35
Methylcyclohexane
Concen: 8.309 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045244.D
Acq: 08 Oct 2021 12:18

Tgt Ion: 83 Resp: 32765
Ion Ratio Lower Upper
83 100
55 0.2 65.8 98.6#
98 0.7 37.1 55.7#



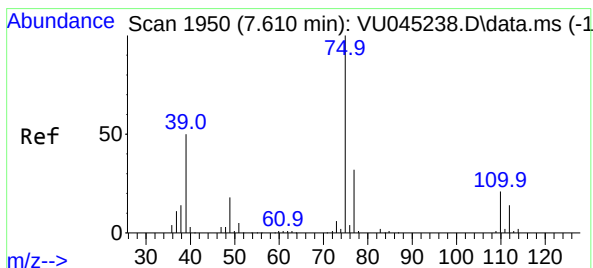
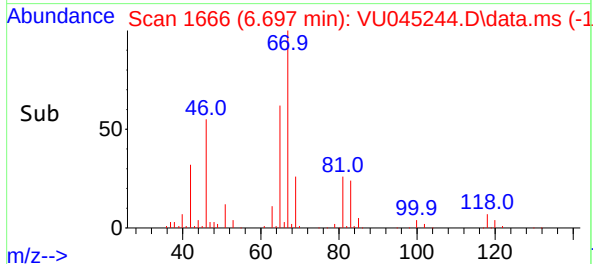
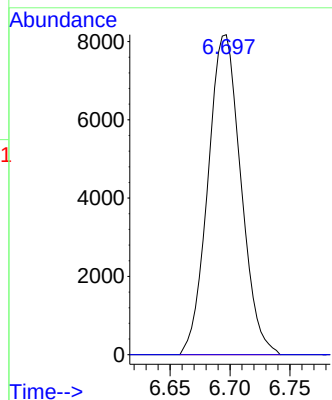
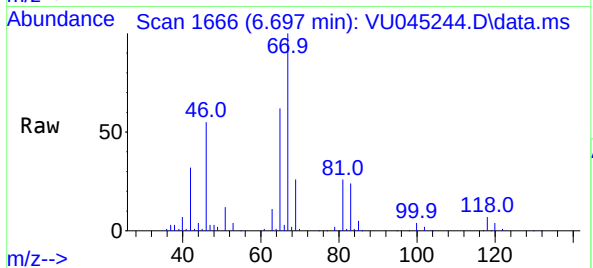


#37

1,2-Dichloropropane
Concen: 5.845 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045244.D
Acq: 08 Oct 2021 12:18

Instrument :
MSVOA_U
ClientSampled :

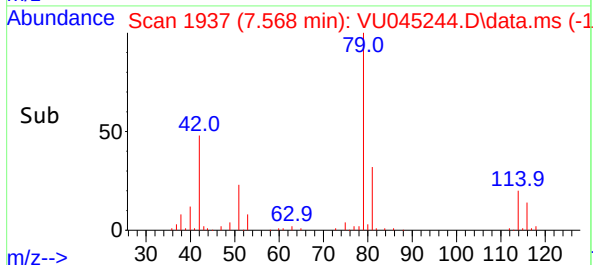
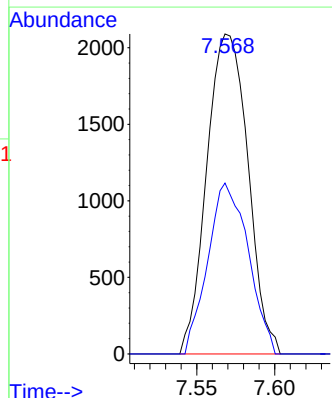
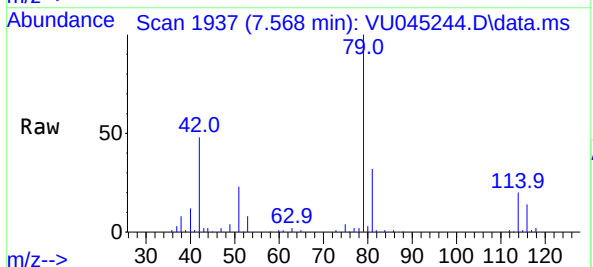
Tgt Ion: 63 Resp: 15606
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

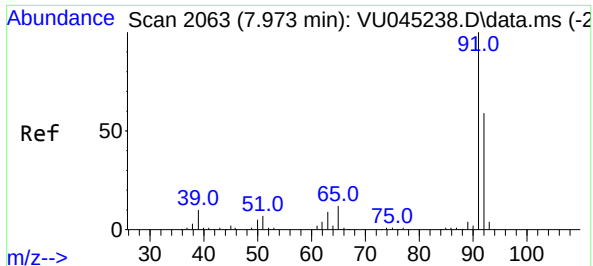


#39

cis-1,3-Dichloropropene
Concen: 1.004 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045244.D
Acq: 08 Oct 2021 12:18

Tgt Ion: 75 Resp: 3837
Ion Ratio Lower Upper
75 100
77 50.0 22.4 41.6#

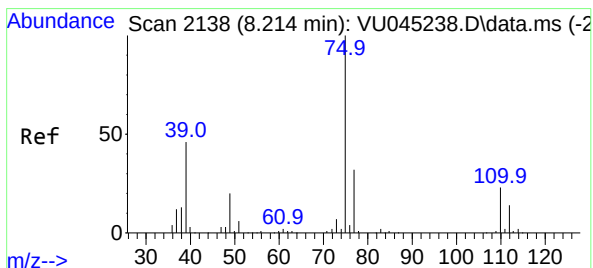
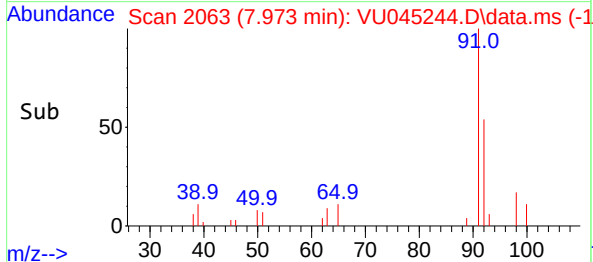
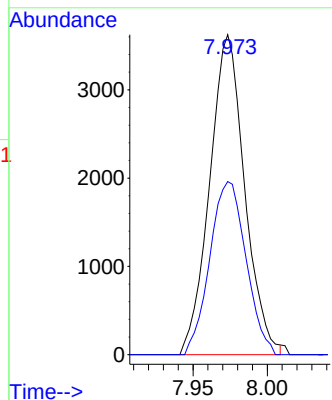
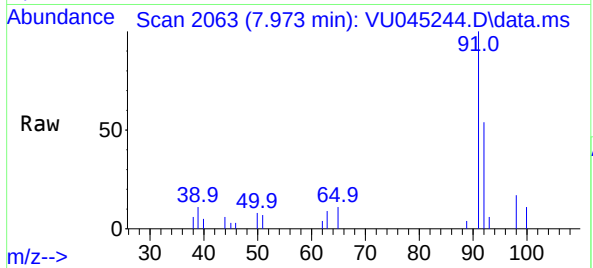




#42
Toluene
Concen: 0.596 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045244.D
Acq: 08 Oct 2021 12:18

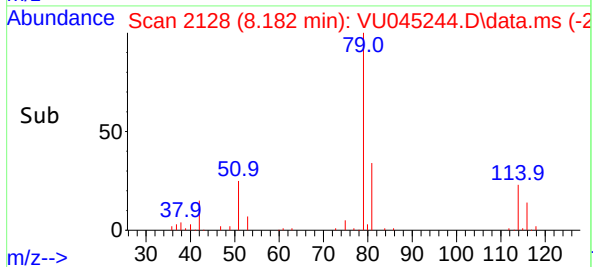
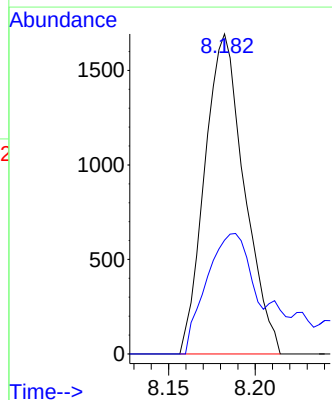
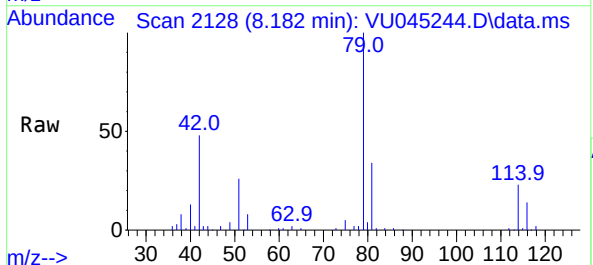
Instrument :
MSVOA_U
ClientSampled :

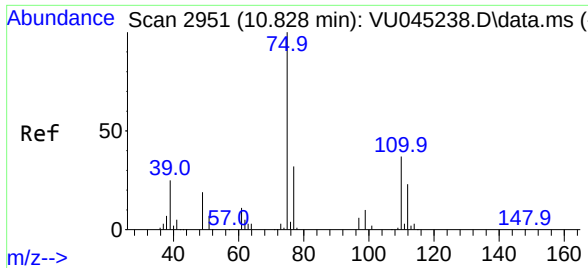
Tgt Ion: 91 Resp: 5942
Ion Ratio Lower Upper
91 100
92 54.1 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.740 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045244.D
Acq: 08 Oct 2021 12:18

Tgt Ion: 75 Resp: 2687
Ion Ratio Lower Upper
75 100
77 35.6 21.7 40.3





#60
1,2,3-Trichloropropane
Concen: 5.109 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045244.D
Acq: 08 Oct 2021 12:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	75	Resp:	15593
Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.5	38.3
110	2.0	29.0	43.4#

