

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045248.D
 Acq On : 08 Oct 2021 13:54
 Operator : SY/MD
 Sample : M4025-15DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:31:32 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)

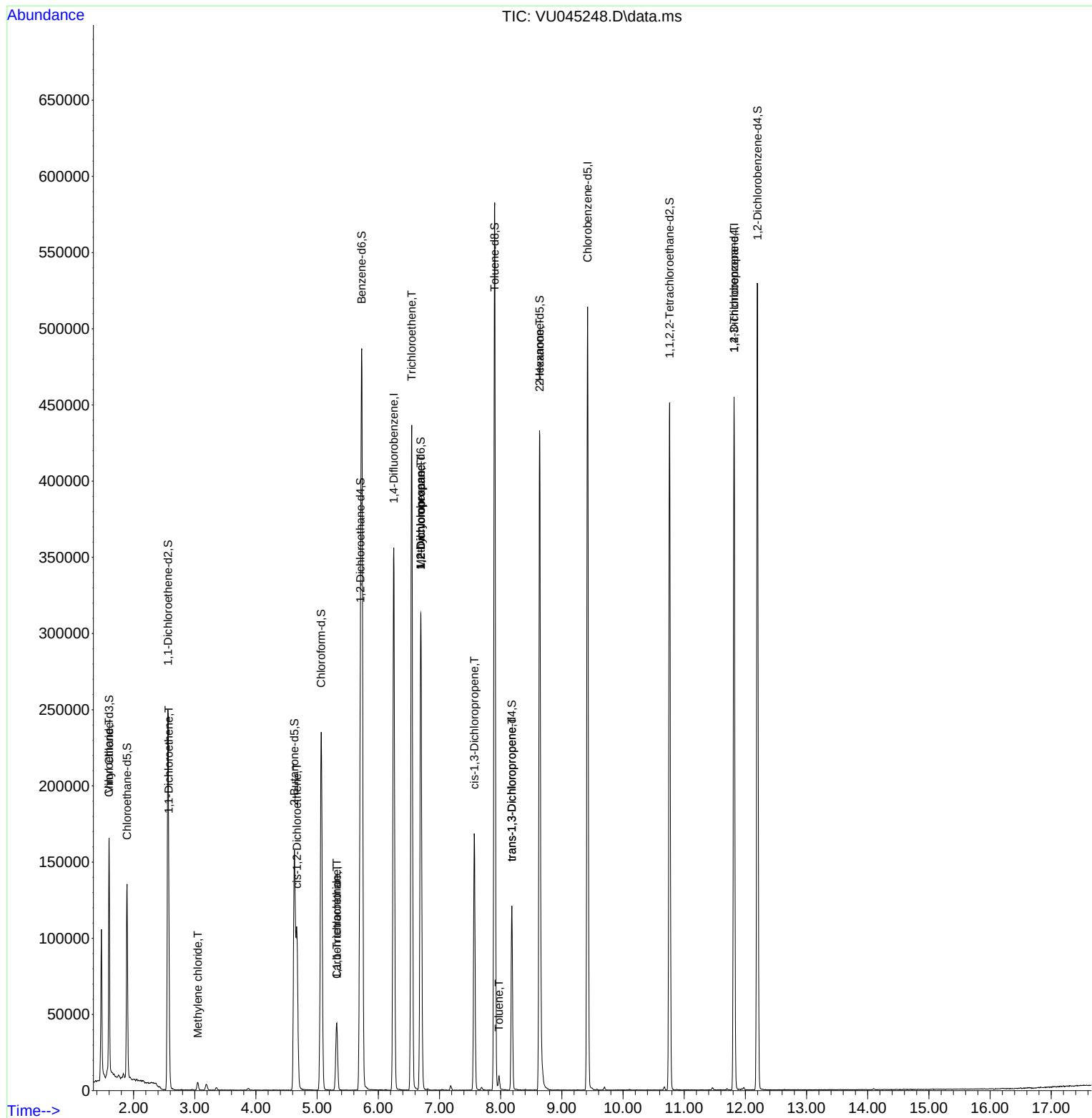
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	273426	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	265342	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	113020	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	100003	33.410	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.820%
7) Chloroethane-d5	1.893	69	96716	40.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.560%
11) 1,1-Dichloroethene-d2	2.562	63	149562	29.754	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.500%#
21) 2-Butanone-d5	4.629	46	223286	94.359	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.360%
24) Chloroform-d	5.067	84	210968	44.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.260%
26) 1,2-Dichloroethane-d4	5.707	65	150808	47.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
32) Benzene-d6	5.729	84	432837	47.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.020%
36) 1,2-Dichloropropane-d6	6.694	67	143367	47.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.500%
41) Toluene-d8	7.903	98	372856	46.925	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.860%
43) trans-1,3-Dichloroprop...	8.182	79	63112	47.259	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.520%
47) 2-Hexanone-d5	8.636	63	152115	91.430	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.430%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	226337	48.415	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.820%
66) 1,2-Dichlorobenzene-d4	12.198	152	130343	52.993	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.980%
Target Compounds						
					Qvalue	
8) Chloroethane	1.597	64	17531	8.737	ug/L	94
12) 1,1-Dichloroethene	2.575	96	10209	4.822	ug/L #	1
16) Methylene chloride	3.047	84	2540	0.947	ug/L	89
20) cis-1,2-Dichloroethene	4.671	96	47689	19.403	ug/L	92
30) 1,1,1-Trichloroethane	5.321	97	30448	8.290	ug/L	97
31) Carbon tetrachloride	5.321	117	3914	1.349	ug/L	98
34) Trichloroethene	6.546	95	149592	63.284	ug/L	99
35) Methylcyclohexane	6.694	83	32789	8.285	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	16290	6.079	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3798	0.991	ug/L #	71
42) Toluene	7.973	91	5785	0.579	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	2713	0.744	ug/L #	81
48) 2-Hexanone	8.639	43	18442	4.646	ug/L #	71
60) 1,2,3-Trichloropropane	11.816	75	14912	4.770	ug/L #	67

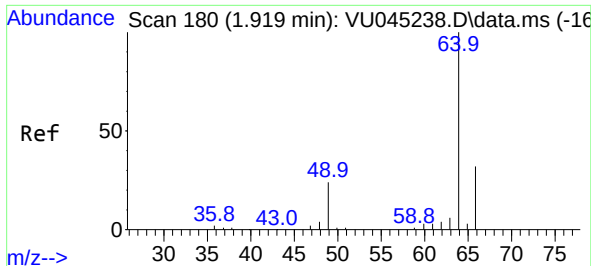
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
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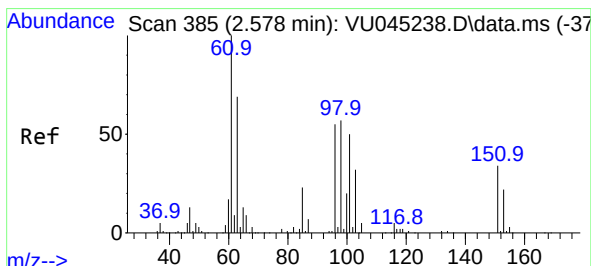
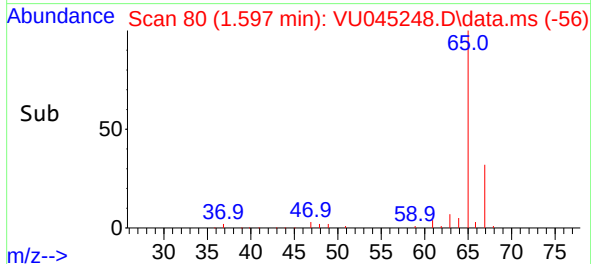
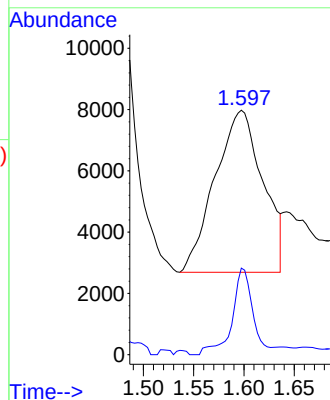
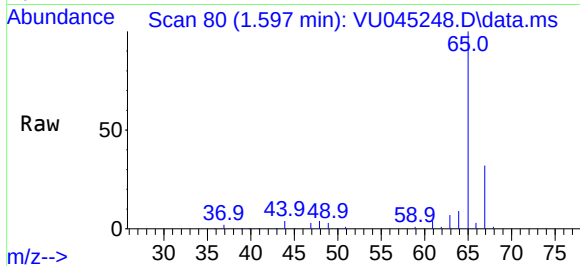




#8
Chloroethane
Concen: 8.737 ug/L
RT: 1.597 min Scan# 80
Delta R.T. -0.321 min
Lab File: VU045248.D
Acq: 08 Oct 2021 13:54

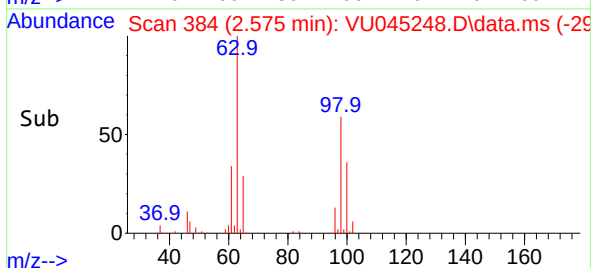
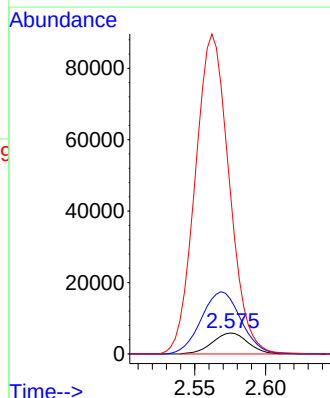
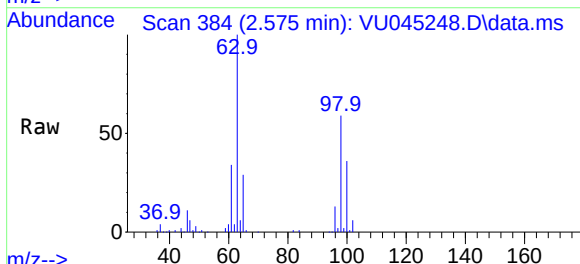
Instrument :
MSVOA_U
ClientSampled :

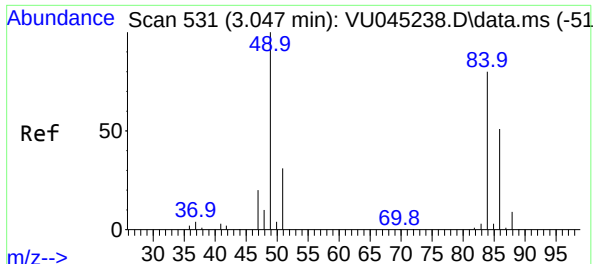
Tgt Ion: 64 Resp: 17531
Ion Ratio Lower Upper
64 100
66 35.4 22.3 41.3



#12
1,1-Dichloroethene
Concen: 4.822 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU045248.D
Acq: 08 Oct 2021 13:54

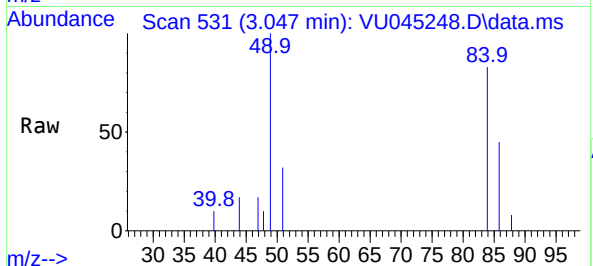
Tgt Ion: 96 Resp: 10209
Ion Ratio Lower Upper
96 100
61 263.2 131.3 243.9#
63 784.6 102.5 190.3#



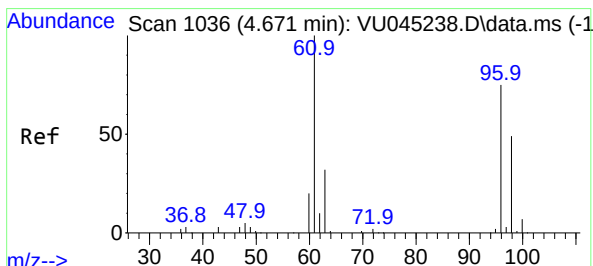
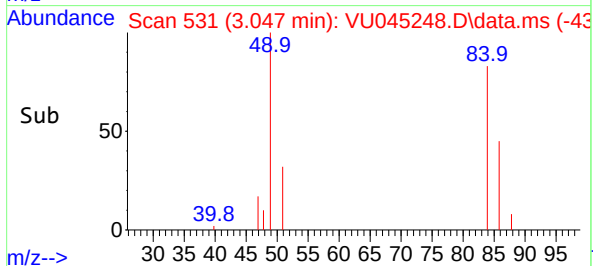
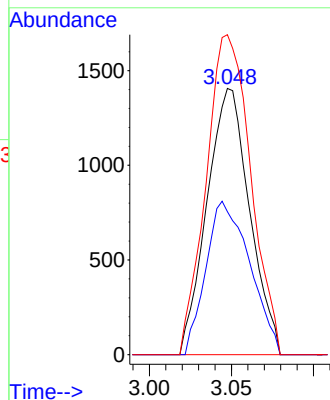


#16
Methylene chloride
Concen: 0.947 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045248.D
Acq: 08 Oct 2021 13:54

Instrument :
MSVOA_U
ClientSampled :

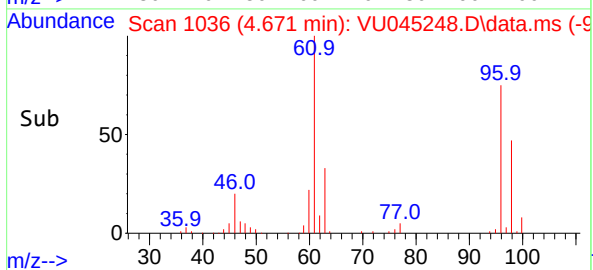
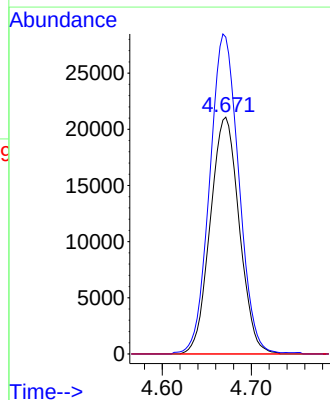
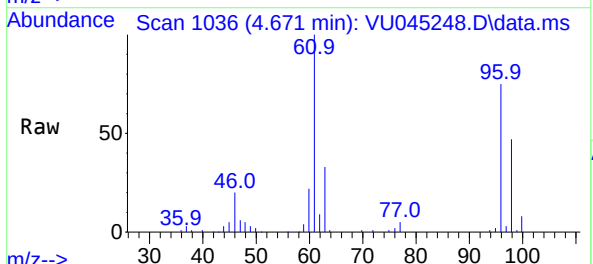


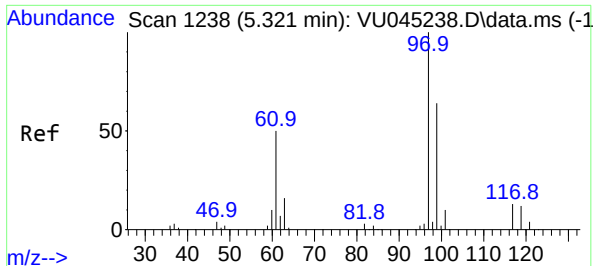
Tgt Ion: 84 Resp: 2540
Ion Ratio Lower Upper
84 100
86 53.7 44.7 83.1
49 120.2 92.9 172.5



#20
cis-1,2-Dichloroethene
Concen: 19.403 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045248.D
Acq: 08 Oct 2021 13:54

Tgt Ion: 96 Resp: 47689
Ion Ratio Lower Upper
96 100
61 133.8 100.2 186.0
68 0.0 0.0 0.0

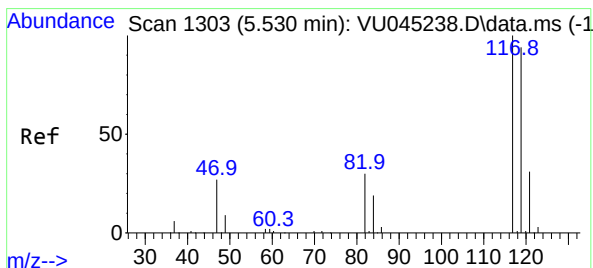
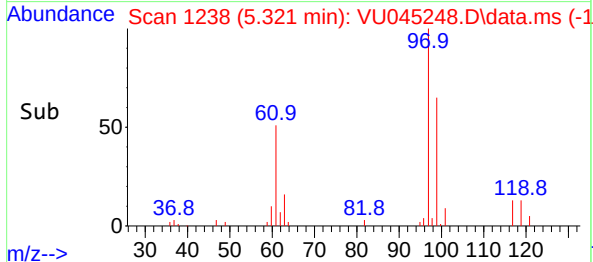
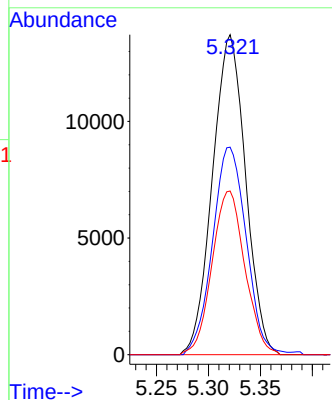
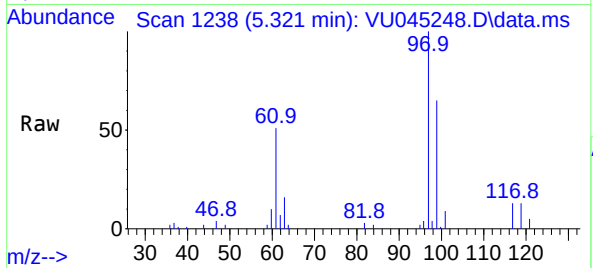




#30
1,1,1-Trichloroethane
Concen: 8.290 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045248.D
Acq: 08 Oct 2021 13:54

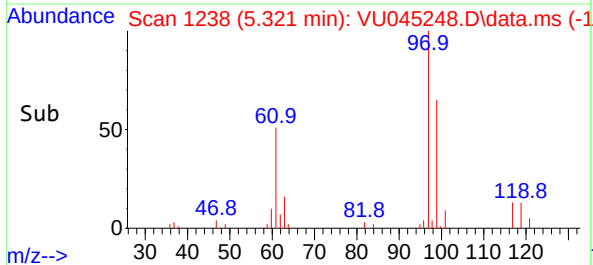
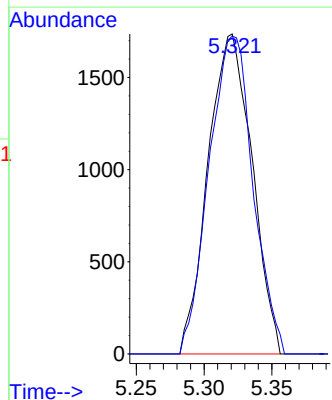
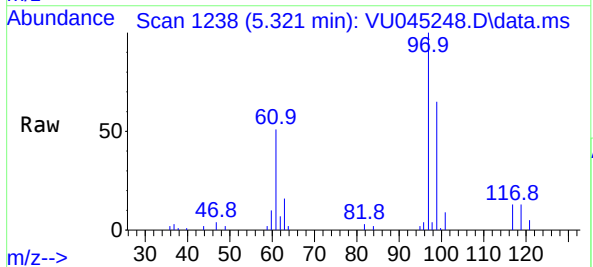
Instrument :
MSVOA_U
ClientSampled :

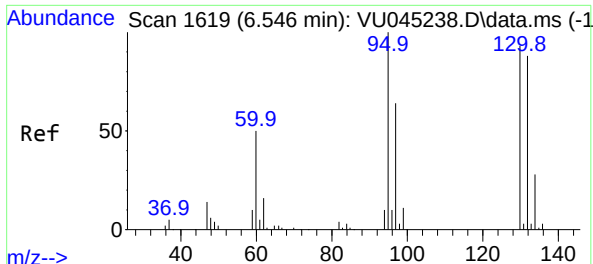
Tgt Ion: 97 Resp: 30448
Ion Ratio Lower Upper
97 100
99 66.0 50.6 75.8
61 50.7 41.3 61.9



#31
Carbon tetrachloride
Concen: 1.349 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.209 min
Lab File: VU045248.D
Acq: 08 Oct 2021 13:54

Tgt Ion: 117 Resp: 3914
Ion Ratio Lower Upper
117 100
119 99.2 77.7 116.5

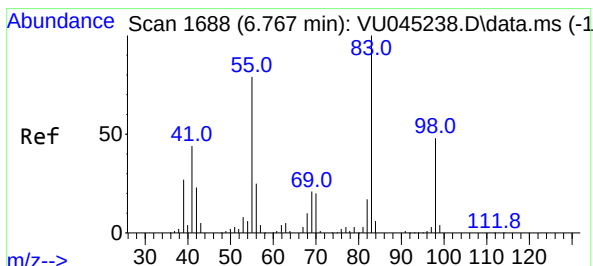
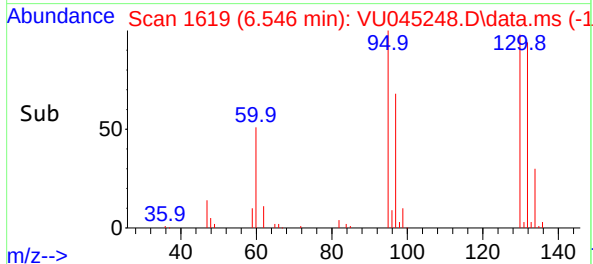
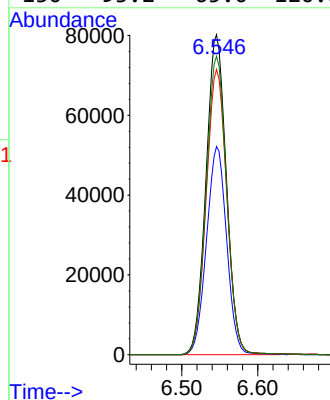
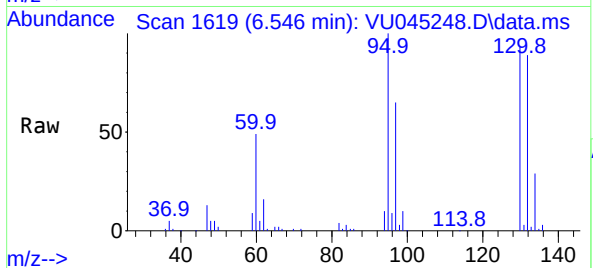




#34
Trichloroethene
Concen: 63.284 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045248.D
Acq: 08 Oct 2021 13:54

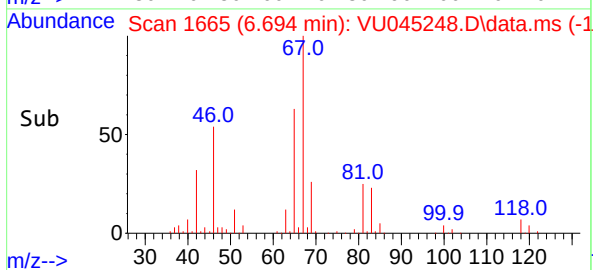
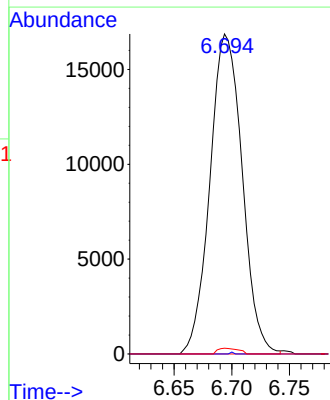
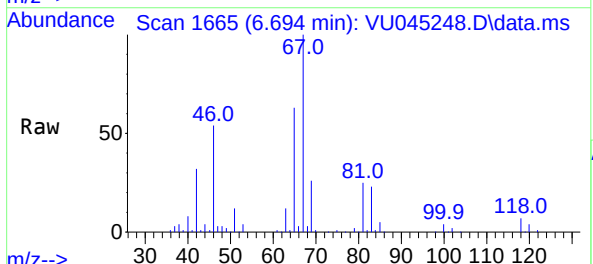
Instrument :
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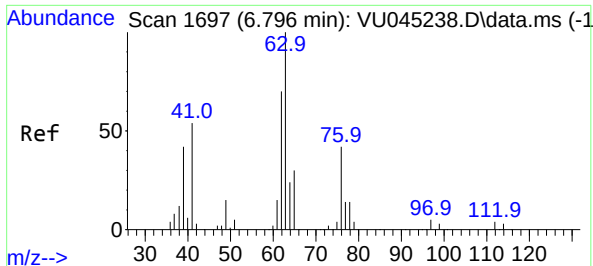
Tgt Ion: 95 Resp: 149592
Ion Ratio Lower Upper
95 100
97 65.0 44.4 82.4
132 89.1 62.9 116.9
130 93.2 65.0 120.8



#35
Methylcyclohexane
Concen: 8.285 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045248.D
Acq: 08 Oct 2021 13:54

Tgt Ion: 83 Resp: 32789
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.6#
98 1.2 37.1 55.7#

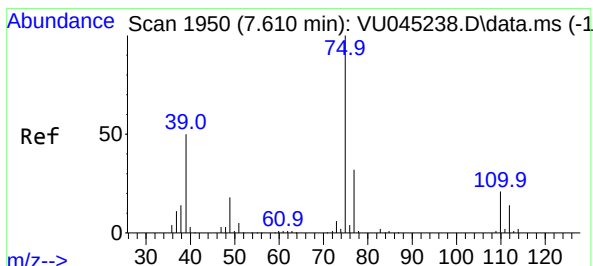
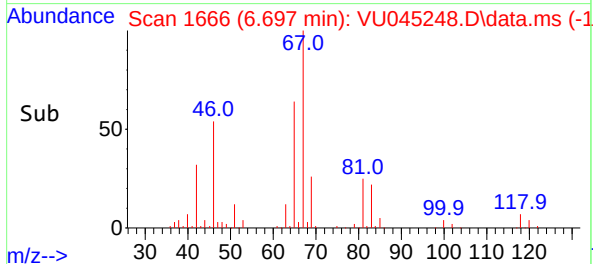
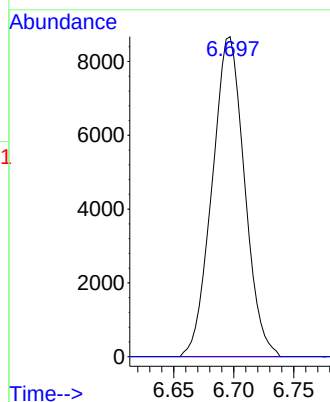
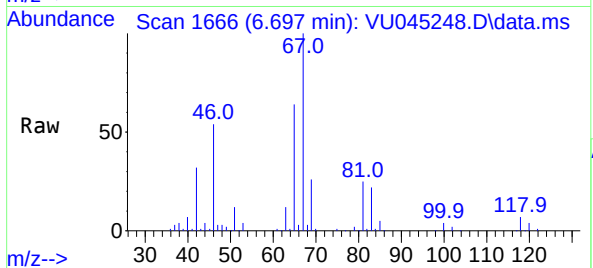




#37
1,2-Dichloropropane
Concen: 6.079 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045248.D
Acq: 08 Oct 2021 13:54

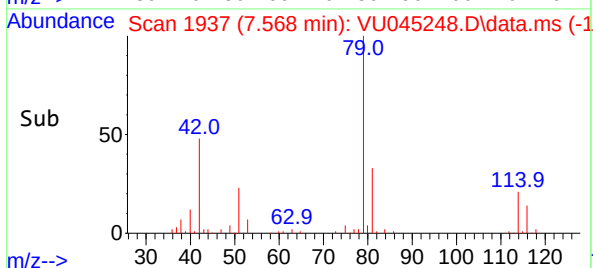
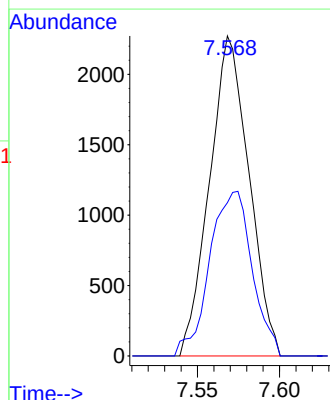
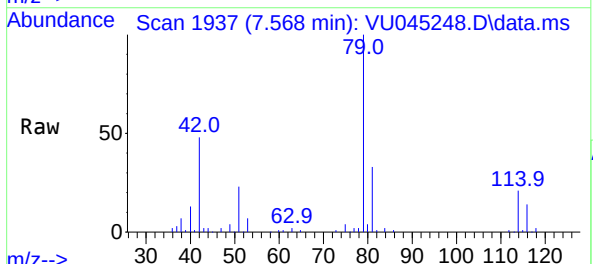
Instrument :
MSVOA_U
ClientSampled :

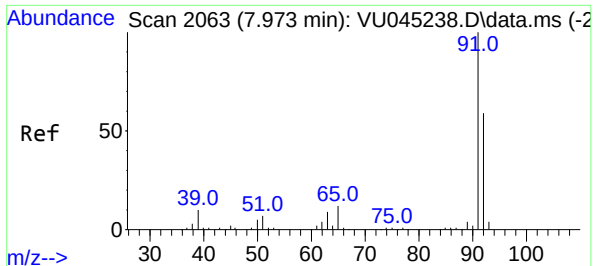
Tgt Ion: 63 Resp: 16290
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.991 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045248.D
Acq: 08 Oct 2021 13:54

Tgt Ion: 75 Resp: 3798
Ion Ratio Lower Upper
75 100
77 47.9 22.4 41.6#

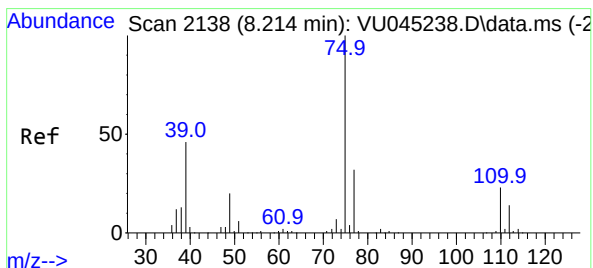
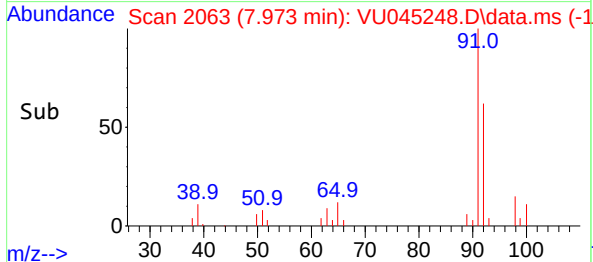
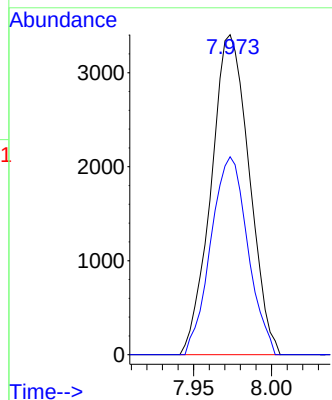
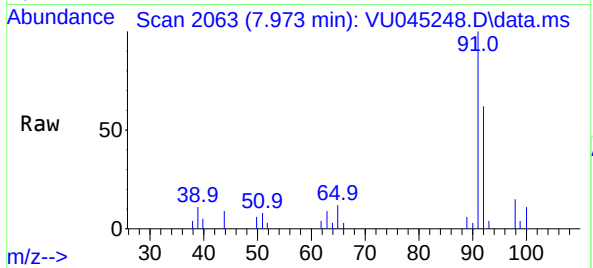




#42
Toluene
Concen: 0.579 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045248.D
Acq: 08 Oct 2021 13:54

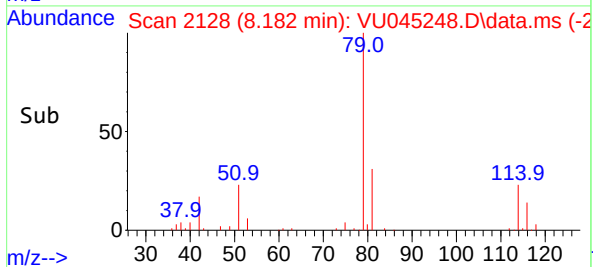
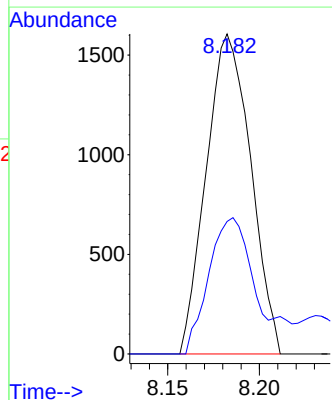
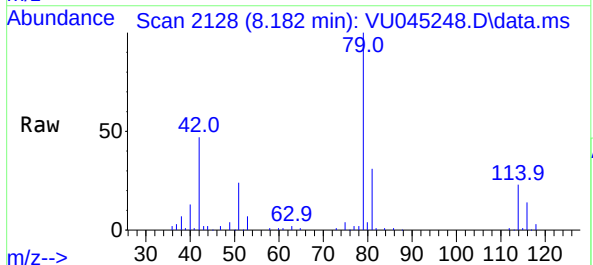
Instrument :
MSVOA_U
ClientSampled :

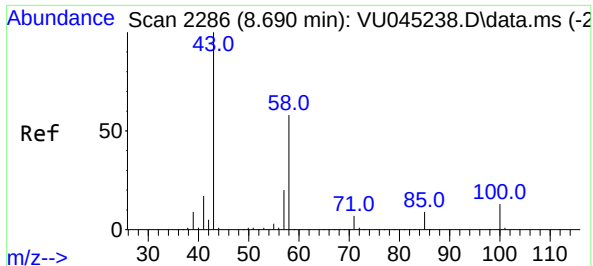
Tgt Ion: 91 Resp: 5785
Ion Ratio Lower Upper
91 100
92 61.9 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.744 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045248.D
Acq: 08 Oct 2021 13:54

Tgt Ion: 75 Resp: 2713
Ion Ratio Lower Upper
75 100
77 41.4 21.7 40.3#

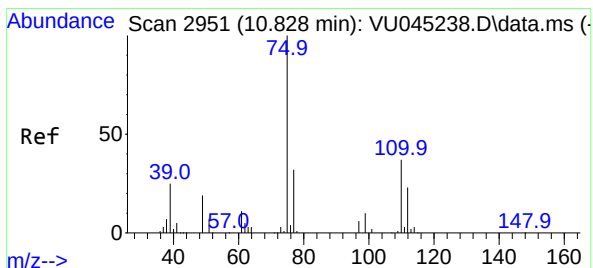
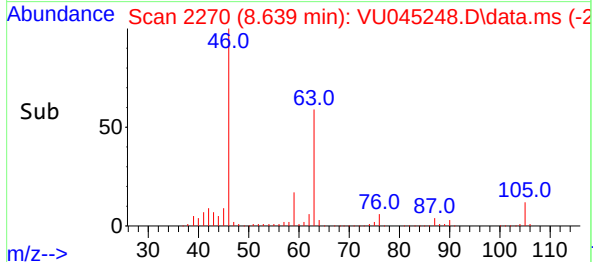
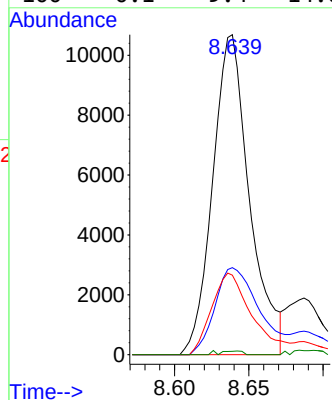
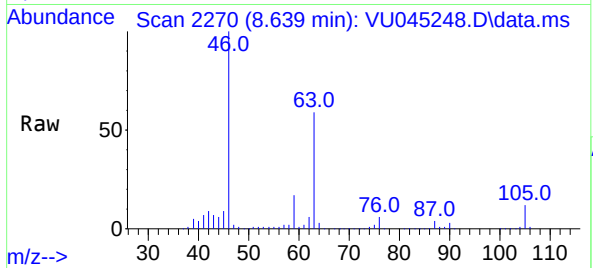




#48
2-Hexanone
Concen: 4.646 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU045248.D
Acq: 08 Oct 2021 13:54

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43	Resp: 18442
Ion Ratio	Lower Upper
43	100
58	33.1 44.9 67.3#
57	28.0 15.5 23.3#
100	0.1 9.4 14.0#



#60
1,2,3-Trichloropropane
Concen: 4.770 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045248.D
Acq: 08 Oct 2021 13:54

Tgt Ion: 75	Resp: 14912
Ion Ratio	Lower Upper
75	100
77	33.7 25.5 38.3
110	1.6 29.0 43.4#

