

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045210.D
 Acq On : 07 Oct 2021 14:30
 Operator : SY/MD
 Sample : M4025-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 21:37:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 21:34:31 2021
 Response via : Initial Calibration

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

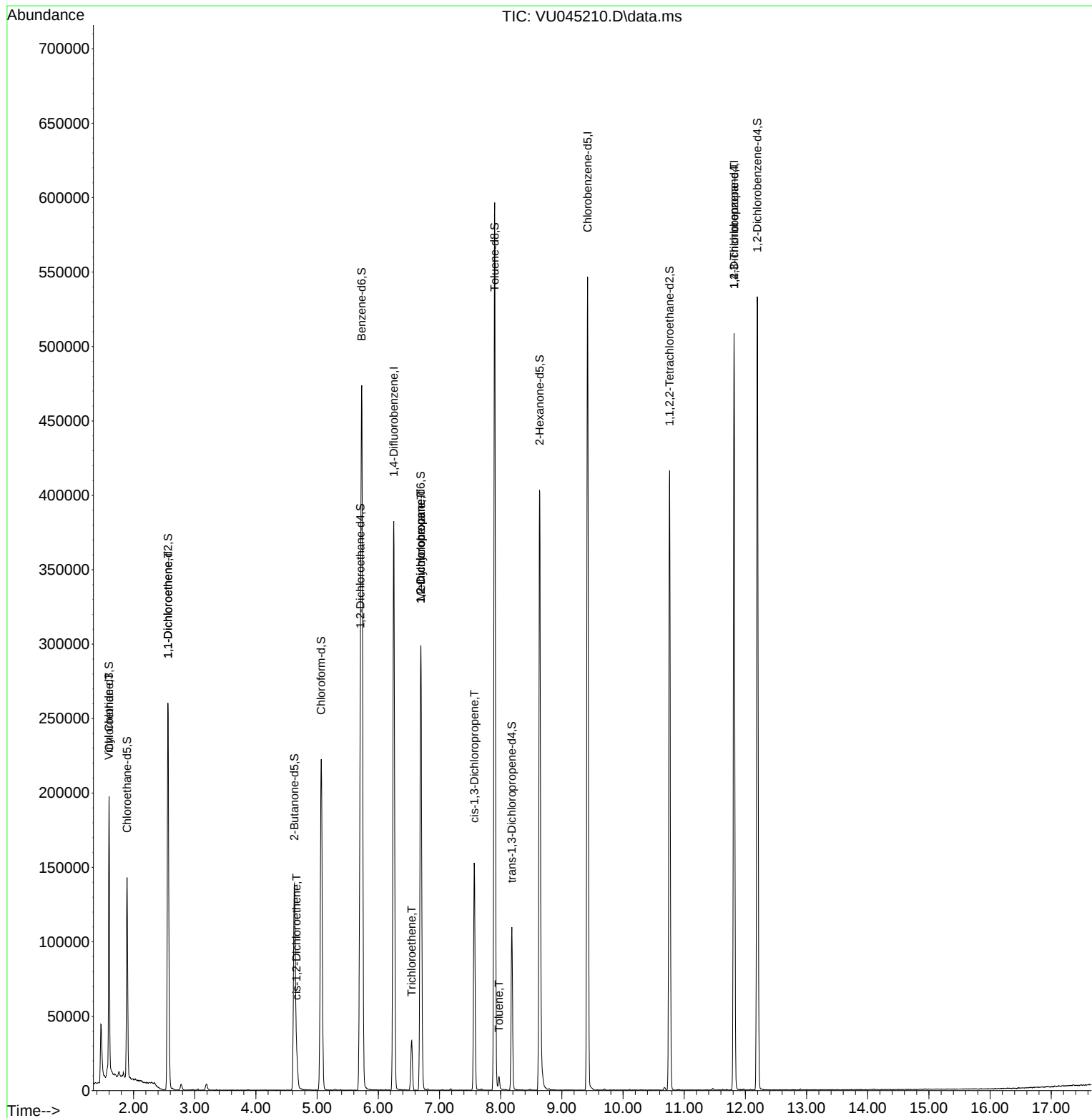
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	296828	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	286010	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	124611	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	117487	36.157	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.320%
7) Chloroethane-d5	1.893	69	100370	38.980	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.960%
11) 1,1-Dichloroethene-d2	2.562	63	156497	28.679	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.360%#
21) 2-Butanone-d5	4.626	46	197096	76.724	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.720%
24) Chloroform-d	5.067	84	202703	39.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.000%
26) 1,2-Dichloroethane-d4	5.706	65	145990	41.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.000%
32) Benzene-d6	5.729	84	423916	42.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.420%
36) 1,2-Dichloropropane-d6	6.694	67	135457	41.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.720%
41) Toluene-d8	7.903	98	374984	43.783	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.560%
43) trans-1,3-Dichloroprop...	8.182	79	56706	39.393	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.780%
47) 2-Hexanone-d5	8.636	63	139521	77.801	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.800%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	206280	40.936	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.880%
66) 1,2-Dichlorobenzene-d4	12.195	152	128647	47.438	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.880%
Target Compounds						
					Qvalue	
8) Chloroethane	1.601	64	19077	8.758	ug/L	99
12) 1,1-Dichloroethene	2.562	96	2063	0.898	ug/L #	1
20) cis-1,2-Dichloroethene	4.665	96	7158	2.683	ug/L	89
34) Trichloroethene	6.546	95	10528	4.132	ug/L	96
35) Methylcyclohexane	6.697	83	32538	7.628	ug/L #	16
37) 1,2-Dichloropropane	6.694	63	15650	5.419	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3633	0.879	ug/L #	62
42) Toluene	7.973	91	5824	0.540	ug/L	94
60) 1,2,3-Trichloropropane	11.816	75	16826	4.882	ug/L #	69

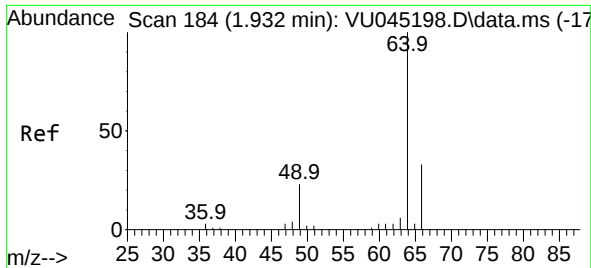
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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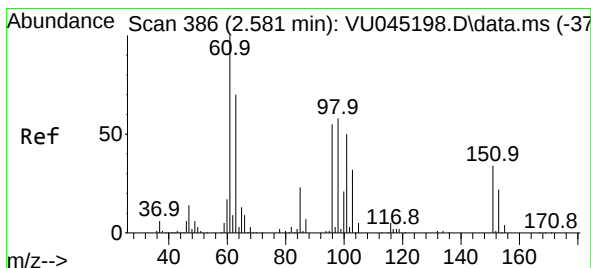
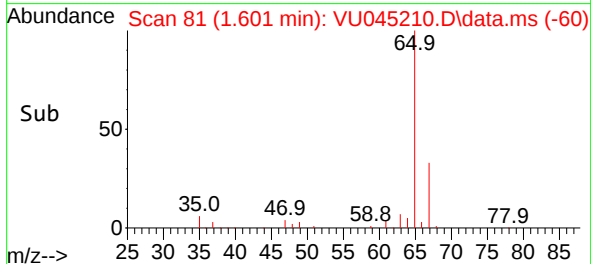
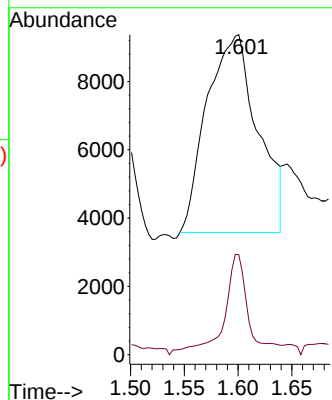
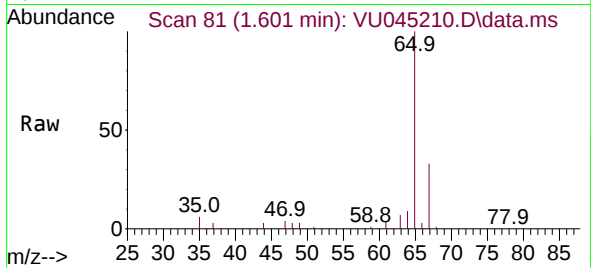




#8
Chloroethane
Concen: 8.758 ug/L
RT: 1.601 min Scan# 81
Delta R.T. -0.331 min
Lab File: VU045210.D
Acq: 07 Oct 2021 14:30

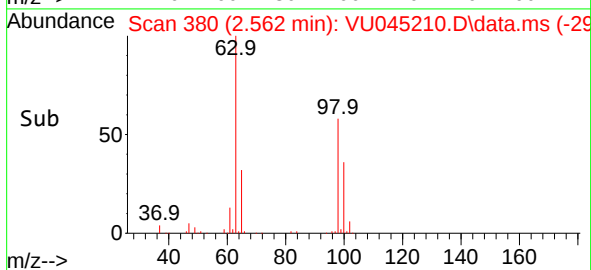
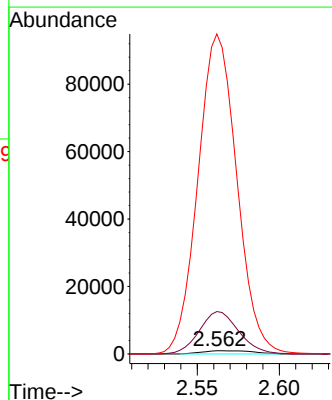
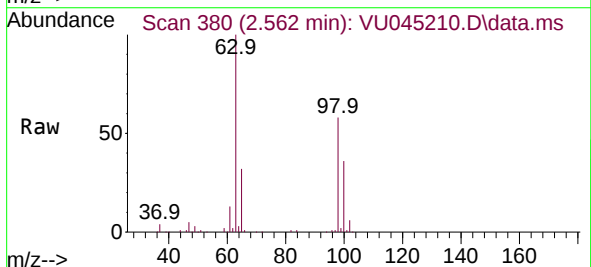
Instrument :
MSVOA_U
ClientSampled :

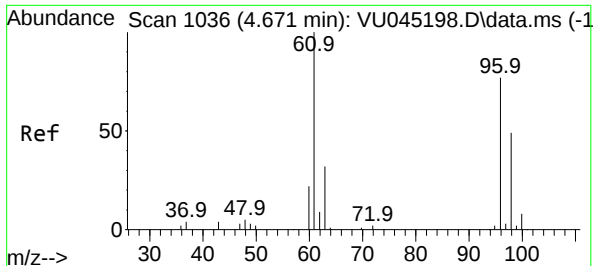
Tgt Ion: 64 Resp: 19077
Ion Ratio Lower Upper
64 100
66 31.3 22.3 41.3



#12
1,1-Dichloroethene
Concen: 0.898 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.019 min
Lab File: VU045210.D
Acq: 07 Oct 2021 14:30

Tgt Ion: 96 Resp: 2063
Ion Ratio Lower Upper
96 100
61 1327.3 131.3 243.9#
63 9997.0 102.5 190.3#

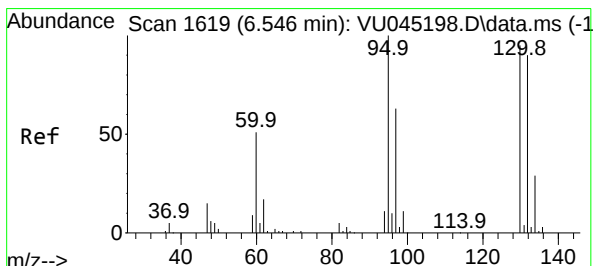
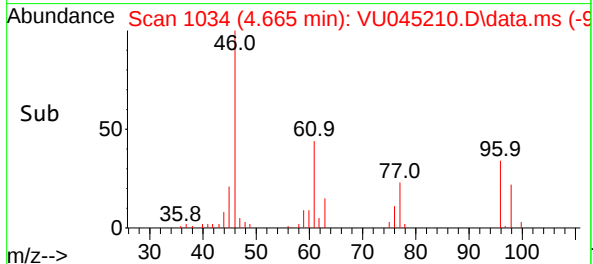
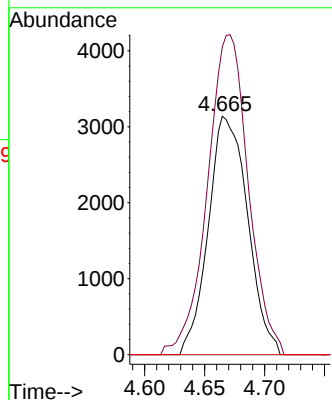
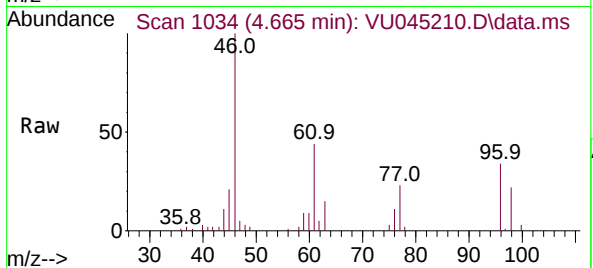




#20
cis-1,2-Dichloroethene
Concen: 2.683 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VU045210.D
Acq: 07 Oct 2021 14:30

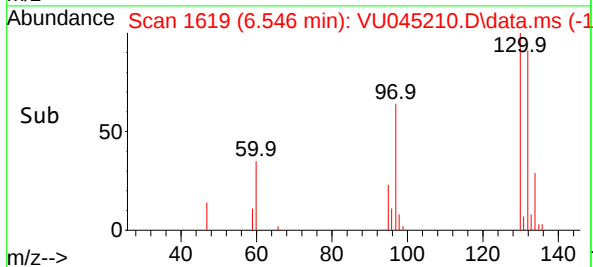
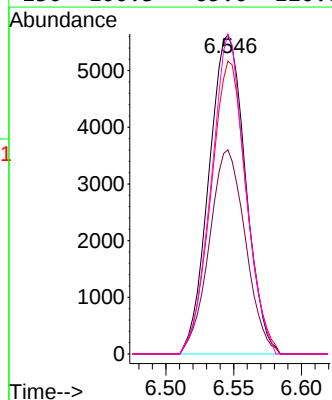
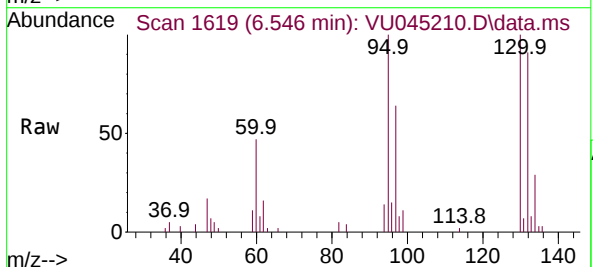
Instrument :
MSVOA_U
ClientSampleId :

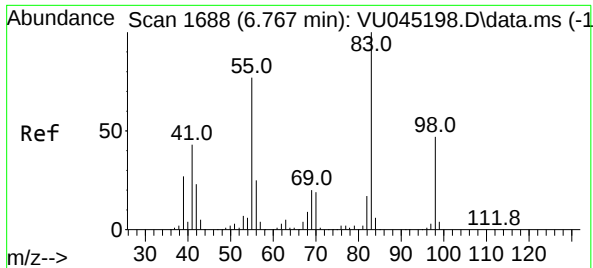
Tgt Ion: 96 Resp: 7158
Ion Ratio Lower Upper
96 100
61 129.0 100.2 186.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 4.132 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045210.D
Acq: 07 Oct 2021 14:30

Tgt Ion: 95 Resp: 10528
Ion Ratio Lower Upper
95 100
97 64.0 44.4 82.4
132 91.7 62.9 116.9
130 100.3 65.0 120.8

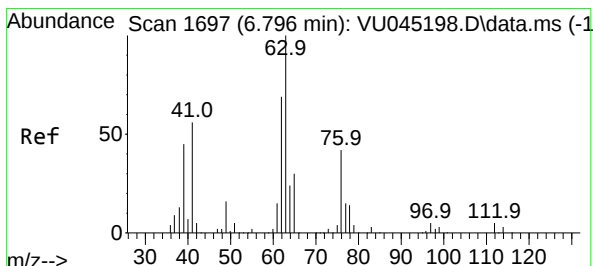
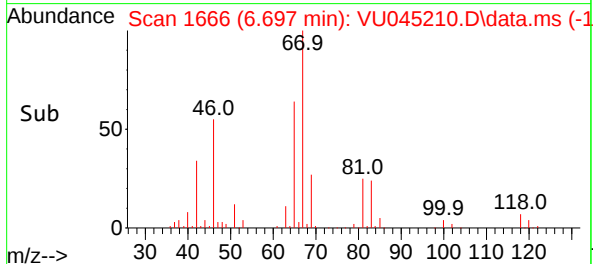
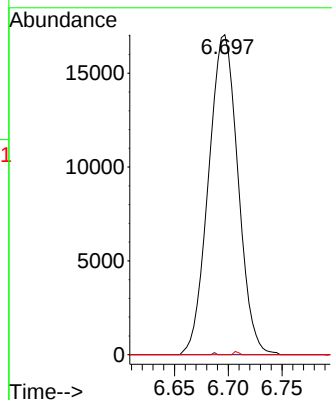
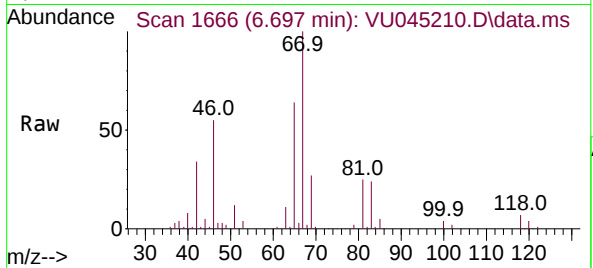




#35
Methylcyclohexane
Concen: 7.628 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU045210.D
Acq: 07 Oct 2021 14:30

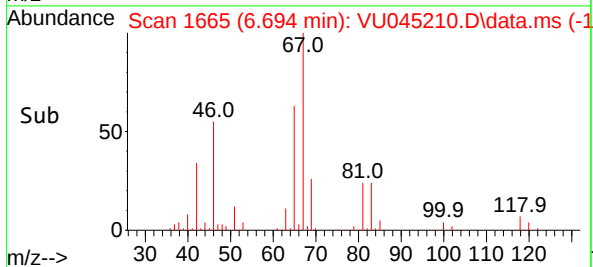
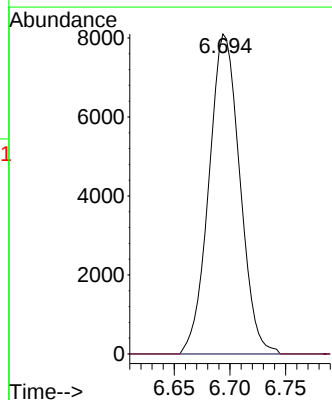
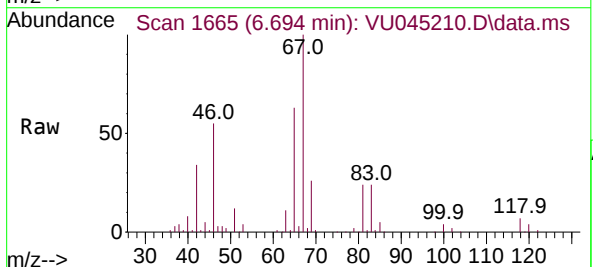
Instrument :
MSVOA_U
ClientSampleId :

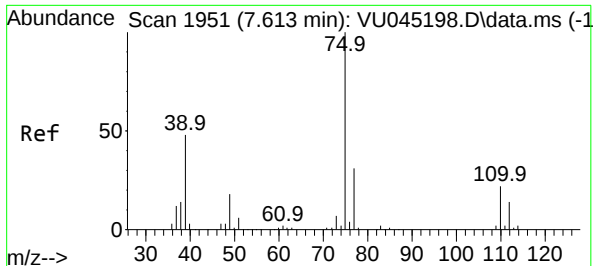
Tgt Ion: 83 Resp: 32538
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.6#
98 0.2 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 5.419 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045210.D
Acq: 07 Oct 2021 14:30

Tgt Ion: 63 Resp: 15650
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



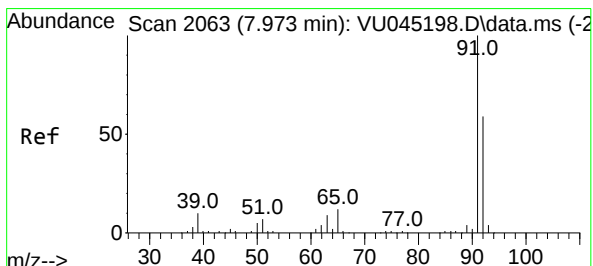
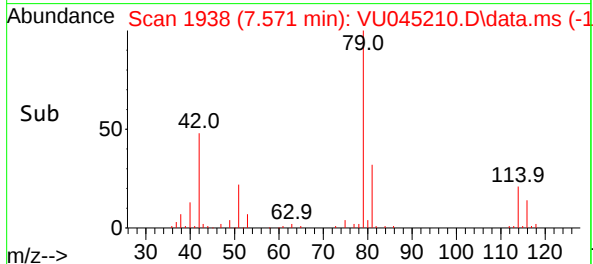
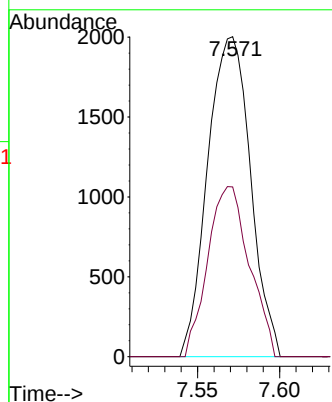
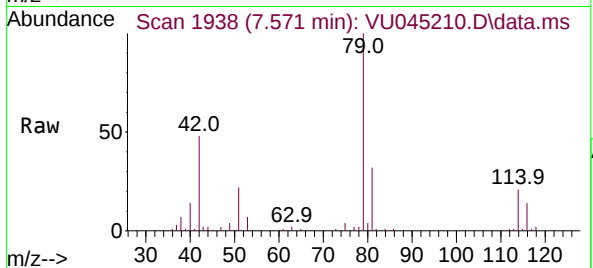


#39

cis-1,3-Dichloropropene
Concen: 0.879 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045210.D
Acq: 07 Oct 2021 14:30

Instrument :
MSVOA_U
ClientSampled :

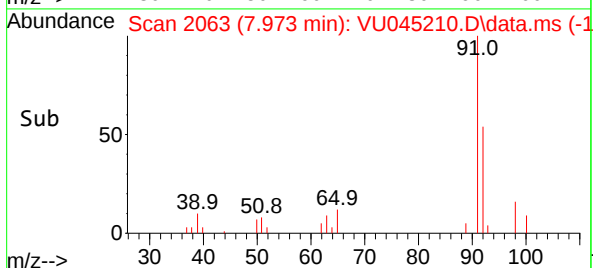
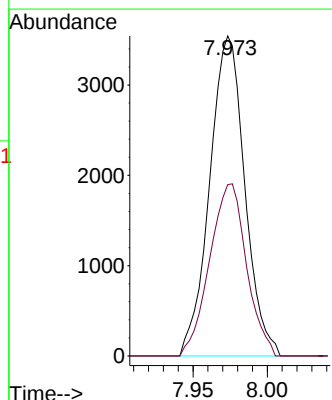
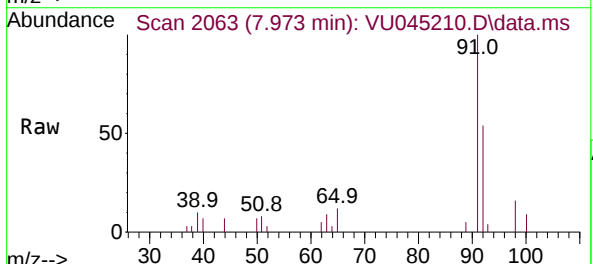
Tgt Ion: 75 Resp: 3633
Ion Ratio Lower Upper
75 100
77 53.1 22.4 41.6#

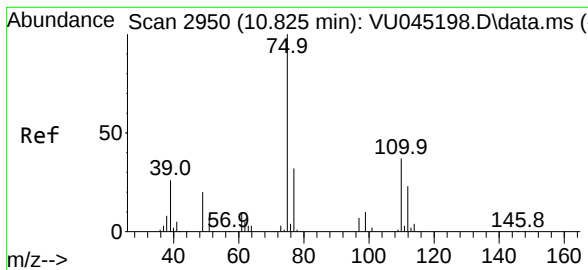


#42

Toluene
Concen: 0.540 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045210.D
Acq: 07 Oct 2021 14:30

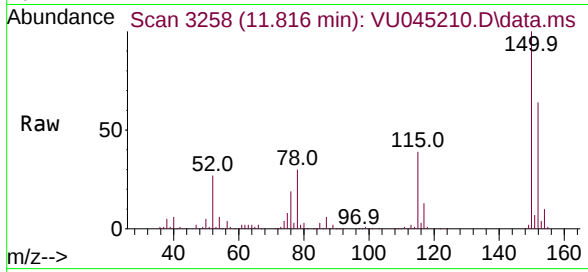
Tgt Ion: 91 Resp: 5824
Ion Ratio Lower Upper
91 100
92 53.5 40.5 75.1





#60
 1,2,3-Trichloropropane
 Concen: 4.882 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.990 min
 Lab File: VU045210.D
 Acq: 07 Oct 2021 14:30

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Tgt Ion:	75	Resp:	16826
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3
110	1.8	29.0	43.4#

