

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451186.D
 Acq On : 06 Oct 2021 15:27
 Operator : SY/MD
 Sample : M4024-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 03:02:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

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

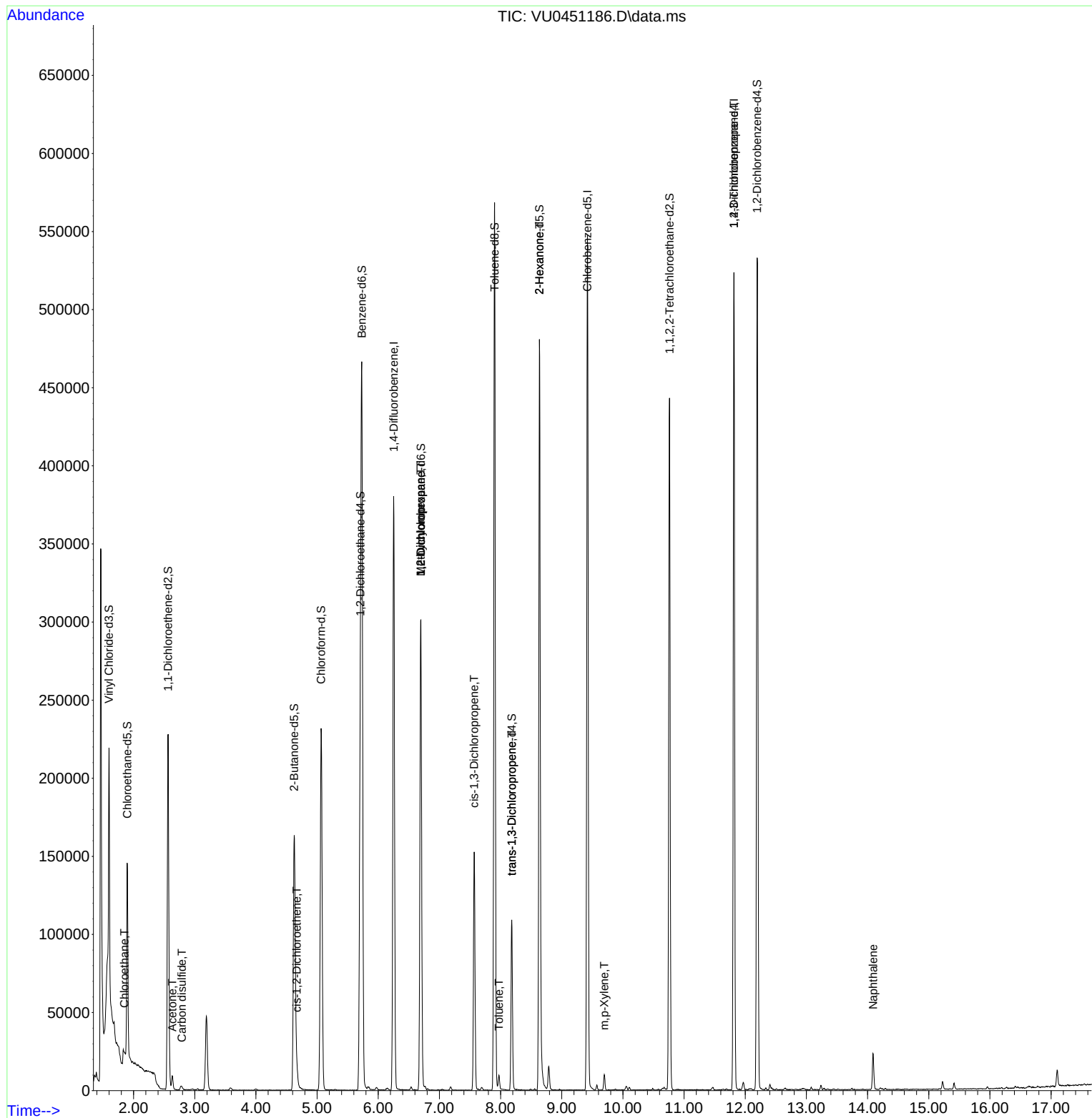
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	292263	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	288253	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	127430	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99150	30.990	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.980%
7) Chloroethane-d5	1.896	69	94103	37.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.240%
11) 1,1-Dichloroethene-d2	2.562	63	139514	25.966	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.940%#
21) 2-Butanone-d5	4.626	46	233072	92.146	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.150%
24) Chloroform-d	5.067	84	202779	40.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.260%
26) 1,2-Dichloroethane-d4	5.707	65	145762	42.585	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.180%
32) Benzene-d6	5.732	84	412772	41.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.540%
36) 1,2-Dichloropropane-d6	6.697	67	137472	42.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.300%
41) Toluene-d8	7.903	98	359551	41.654	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.300%
43) trans-1,3-Dichloroprop...	8.182	79	56822	39.167	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.340%
47) 2-Hexanone-d5	8.636	63	164931	91.254	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.250%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	219176	43.157	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.320%
66) 1,2-Dichlorobenzene-d4	12.195	152	131458	47.402	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.851	64	17546	8.181	ug/L #	51
13) Acetone	2.633	43	9483	3.243	ug/L	97
14) Carbon disulfide	2.790	76	2033	0.280	ug/L #	75
20) cis-1,2-Dichloroethene	4.668	96	3942	1.500	ug/L	94
35) Methylcyclohexane	6.694	83	32028	7.450	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	15370	5.280	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3464	0.832	ug/L #	57
42) Toluene	7.973	91	6362	0.586	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	2653	0.670	ug/L	87
48) 2-Hexanone	8.636	43	20288	4.705	ug/L #	69
53) m,p-Xylene	9.697	106	2716	0.625	ug/L	76
60) 1,2,3-Trichloropropane	11.816	75	17055	4.839	ug/L #	68
71) Naphthalene	14.092	128	19603	2.276	ug/L	99

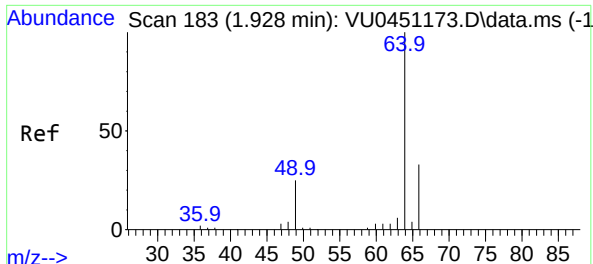
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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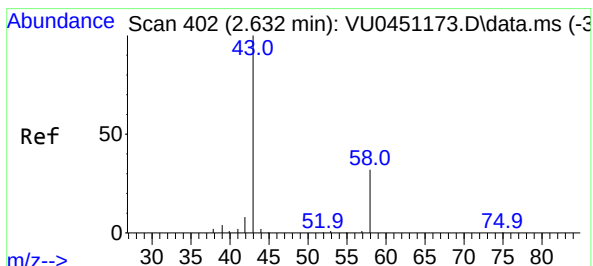
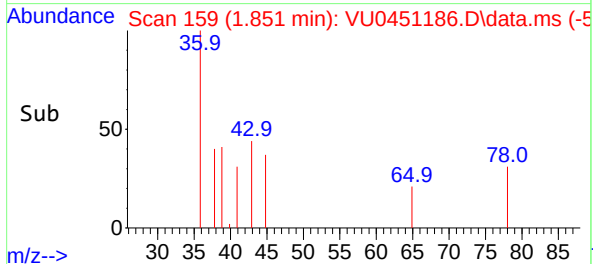
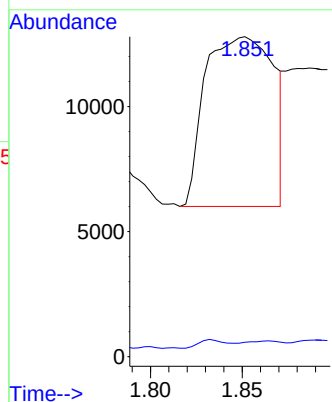
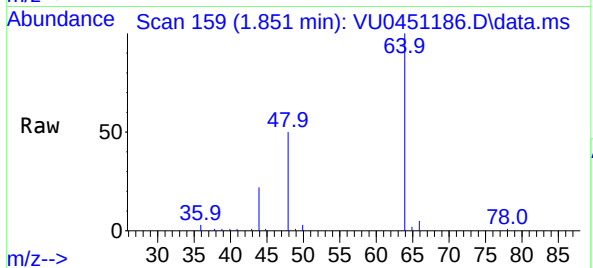




#8
Chloroethane
Concen: 8.181 ug/L
RT: 1.851 min Scan# 159
Delta R.T. -0.077 min
Lab File: VU0451186.D
Acq: 06 Oct 2021 15:27

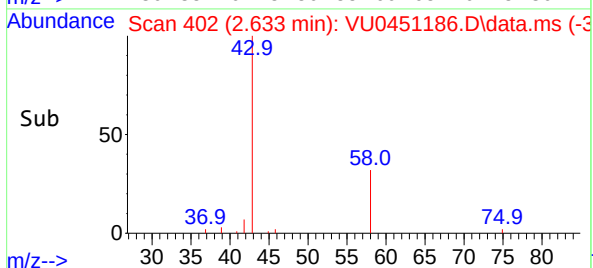
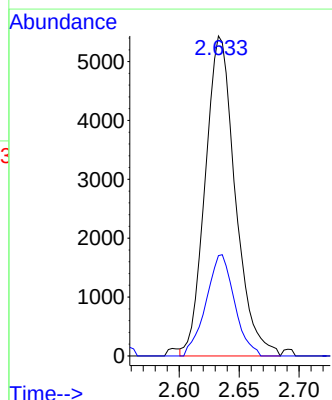
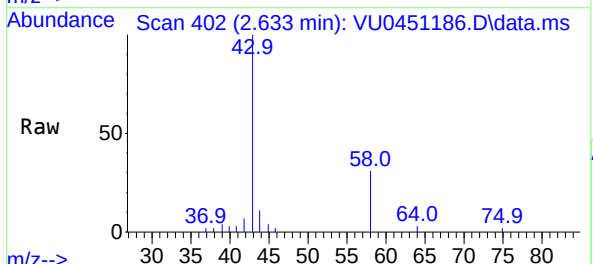
Instrument :
MSVOA_U
ClientSampled :

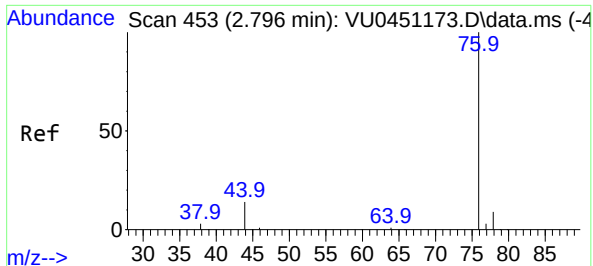
Tgt Ion: 64 Resp: 17546
Ion Ratio Lower Upper
64 100
66 4.5 22.3 41.3#



#13
Acetone
Concen: 3.243 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU0451186.D
Acq: 06 Oct 2021 15:27

Tgt Ion: 43 Resp: 9483
Ion Ratio Lower Upper
43 100
58 29.9 0.0 62.8

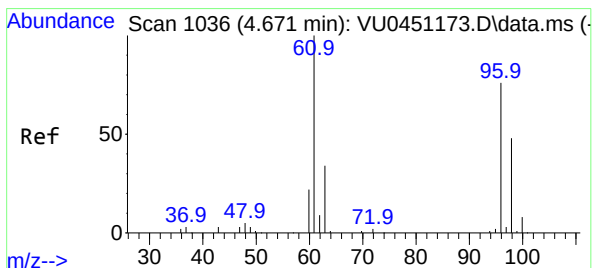
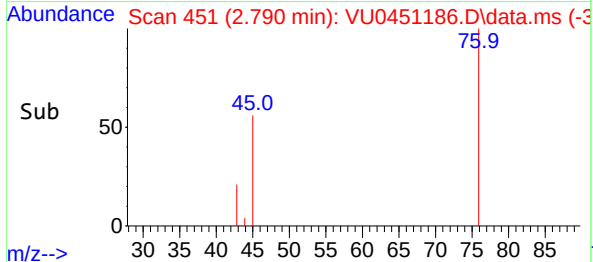
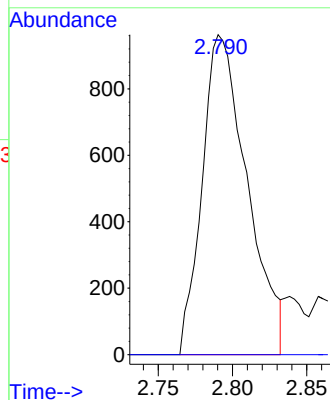
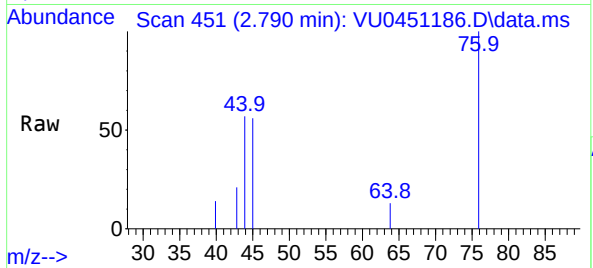




#14
Carbon disulfide
Concen: 0.280 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.006 min
Lab File: VU0451186.D
Acq: 06 Oct 2021 15:27

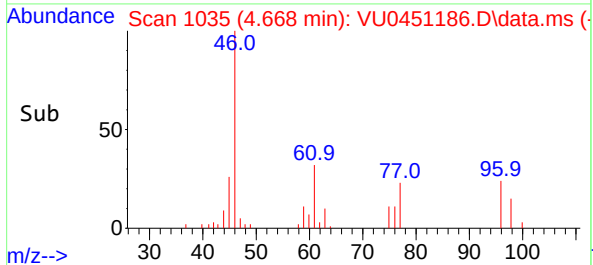
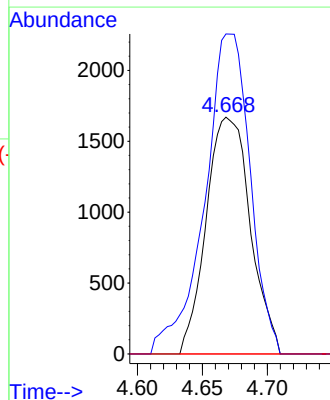
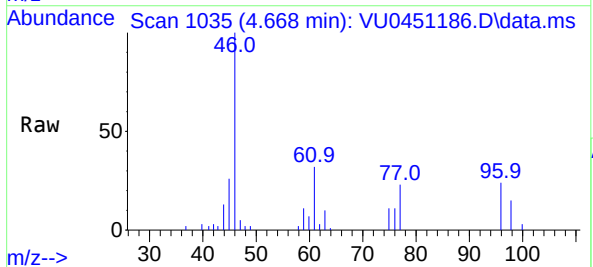
Instrument :
MSVOA_U
ClientSampled :

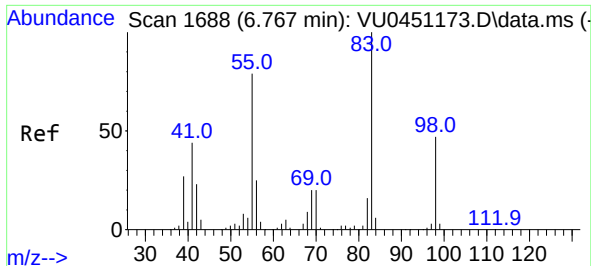
Tgt Ion: 76 Resp: 2033
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#20
cis-1,2-Dichloroethene
Concen: 1.500 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU0451186.D
Acq: 06 Oct 2021 15:27

Tgt Ion: 96 Resp: 3942
Ion Ratio Lower Upper
96 100
61 135.1 100.2 186.0
68 0.0 0.0 0.0

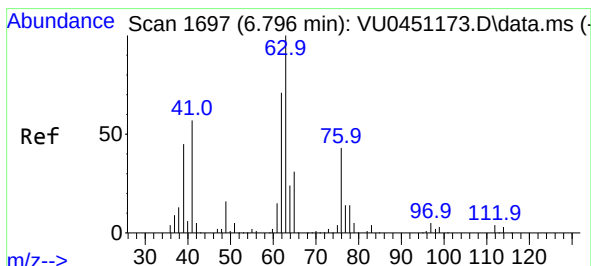
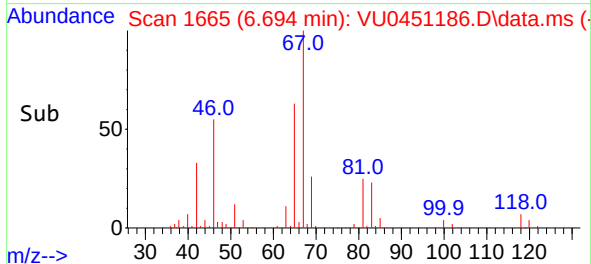
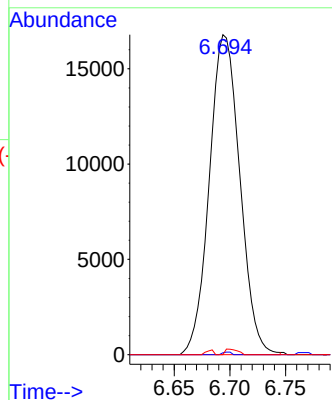
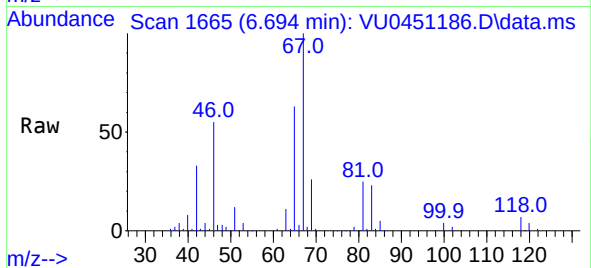




#35
Methylcyclohexane
Concen: 7.450 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU0451186.D
Acq: 06 Oct 2021 15:27

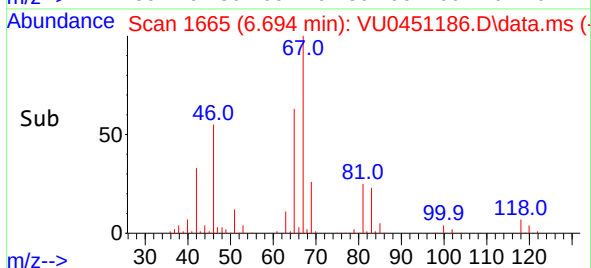
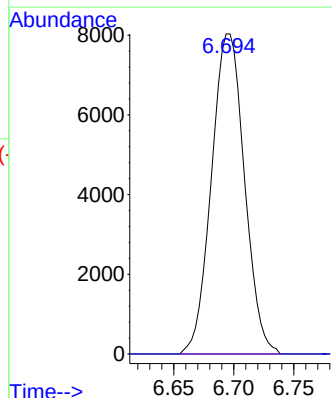
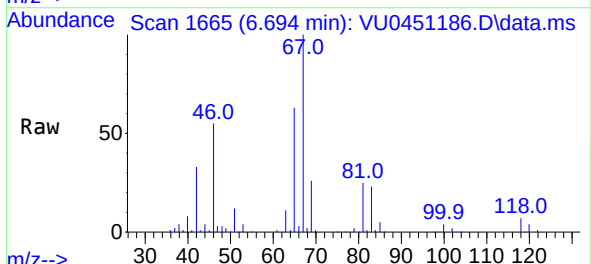
Instrument :
MSVOA_U
ClientSampleId :

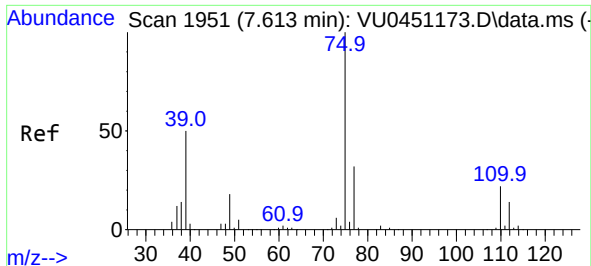
Tgt Ion: 83 Resp: 32028
Ion Ratio Lower Upper
83 100
55 0.2 65.8 98.6#
98 0.7 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 5.280 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU0451186.D
Acq: 06 Oct 2021 15:27

Tgt Ion: 63 Resp: 15370
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

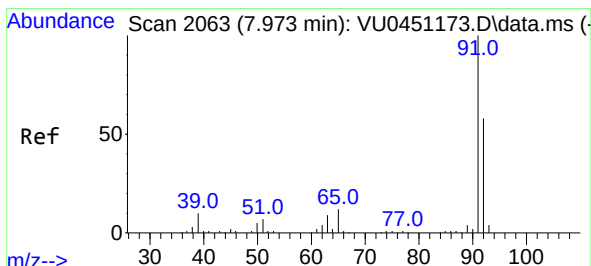
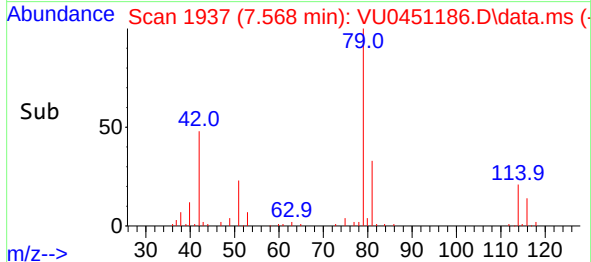
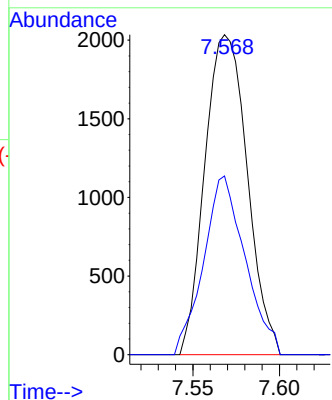
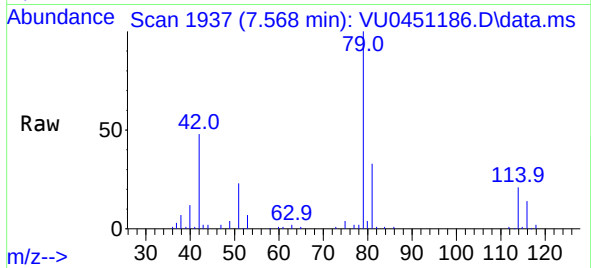




#39
cis-1,3-Dichloropropene
Concen: 0.832 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU0451186.D
Acq: 06 Oct 2021 15:27

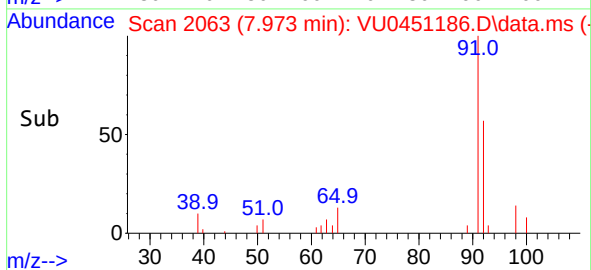
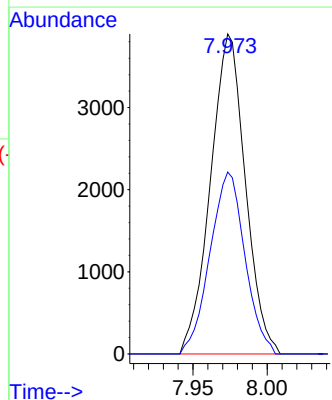
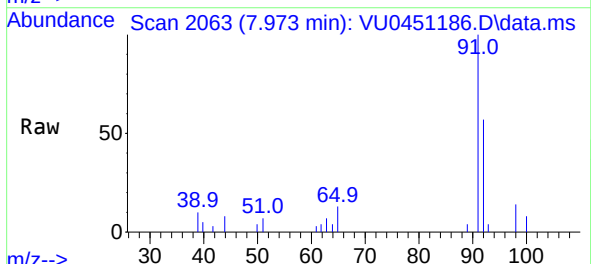
Instrument :
MSVOA_U
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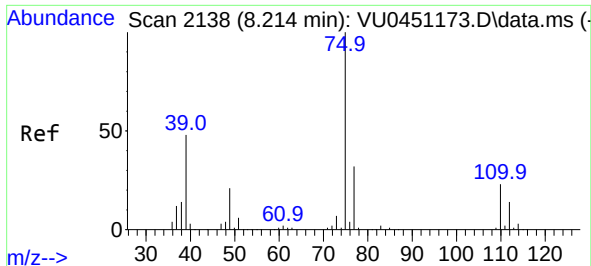
Tgt Ion: 75 Resp: 3464
Ion Ratio Lower Upper
75 100
77 55.9 22.4 41.6#



#42
Toluene
Concen: 0.586 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU0451186.D
Acq: 06 Oct 2021 15:27

Tgt Ion: 91 Resp: 6362
Ion Ratio Lower Upper
91 100
92 56.9 40.5 75.1

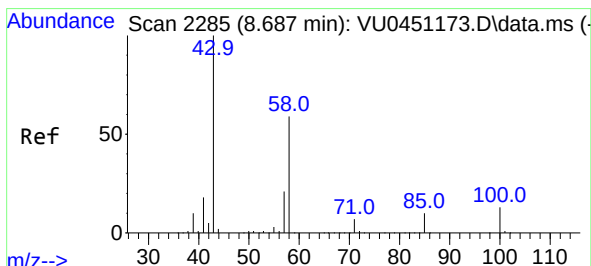
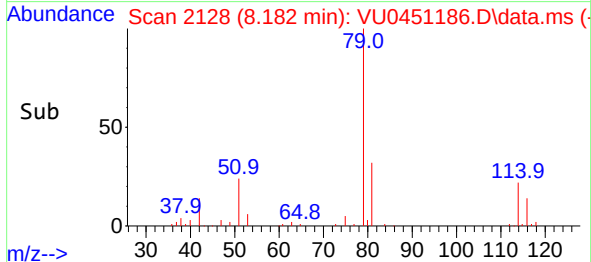
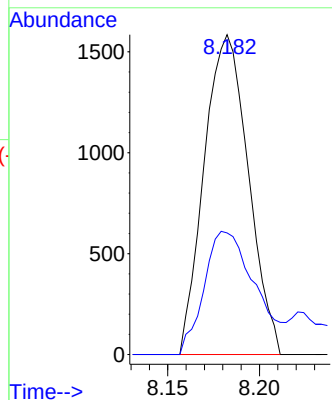
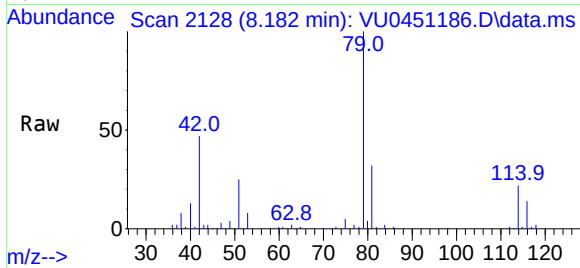




#44
trans-1,3-Dichloropropene
Concen: 0.670 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU0451186.D
Acq: 06 Oct 2021 15:27

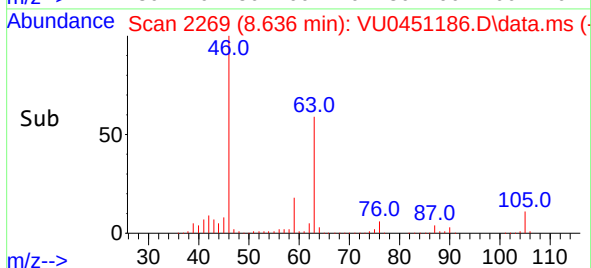
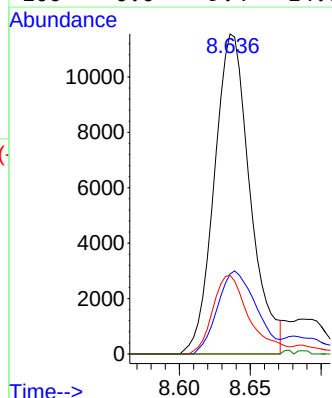
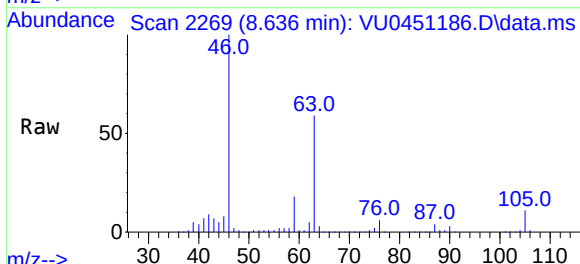
Instrument :
MSVOA_U
ClientSampled :

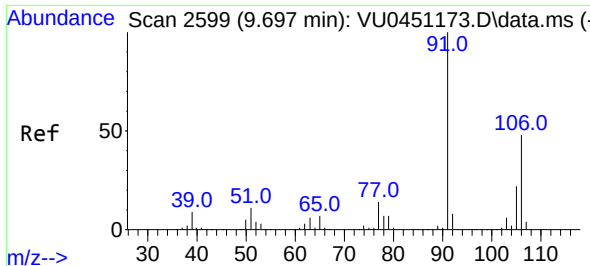
Tgt Ion: 75 Resp: 2653
Ion Ratio Lower Upper
75 100
77 38.0 21.7 40.3



#48
2-Hexanone
Concen: 4.705 ug/L
RT: 8.636 min Scan# 2269
Delta R.T. -0.051 min
Lab File: VU0451186.D
Acq: 06 Oct 2021 15:27

Tgt Ion: 43 Resp: 20288
Ion Ratio Lower Upper
43 100
58 28.3 44.9 67.3#
57 25.2 15.5 23.3#
100 0.0 9.4 14.0#

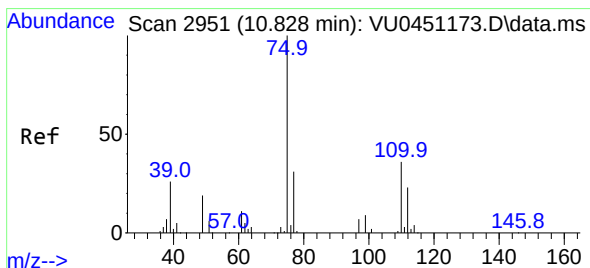
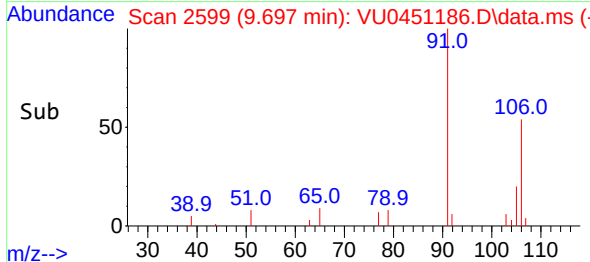
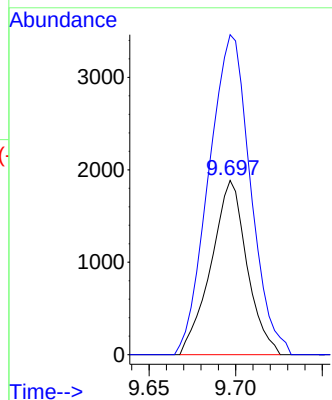
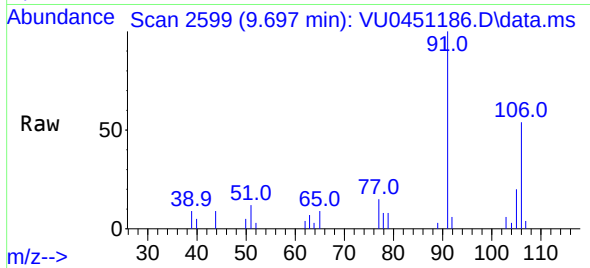




#53
m,p-Xylene
Concen: 0.625 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU0451186.D
Acq: 06 Oct 2021 15:27

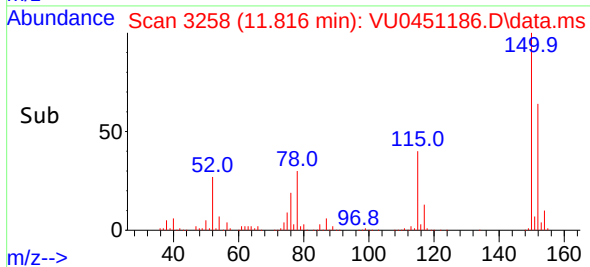
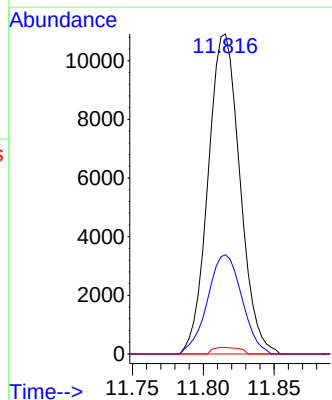
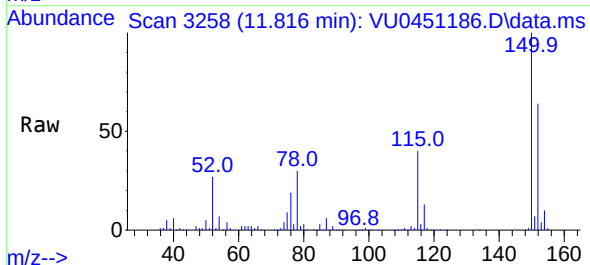
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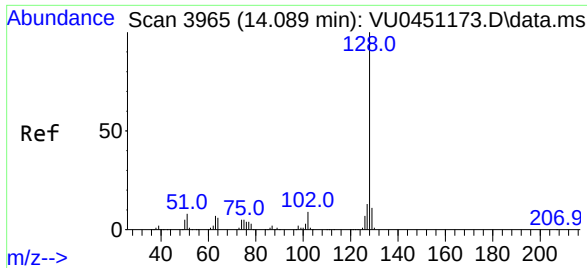
Tgt Ion:106 Resp: 2716
Ion Ratio Lower Upper
106 100
91 172.1 146.7 272.4



#60
1,2,3-Trichloropropane
Concen: 4.839 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU0451186.D
Acq: 06 Oct 2021 15:27

Tgt Ion: 75 Resp: 17055
Ion Ratio Lower Upper
75 100
77 33.5 25.5 38.3
110 1.7 29.0 43.4#





#71
Naphthalene
Concen: 2.276 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU0451186.D
Acq: 06 Oct 2021 15:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	19603
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.1	8.8	13.2

