

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451178.D
 Acq On : 06 Oct 2021 12:15
 Operator : SY/MD
 Sample : M4024-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 03:01:35 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)

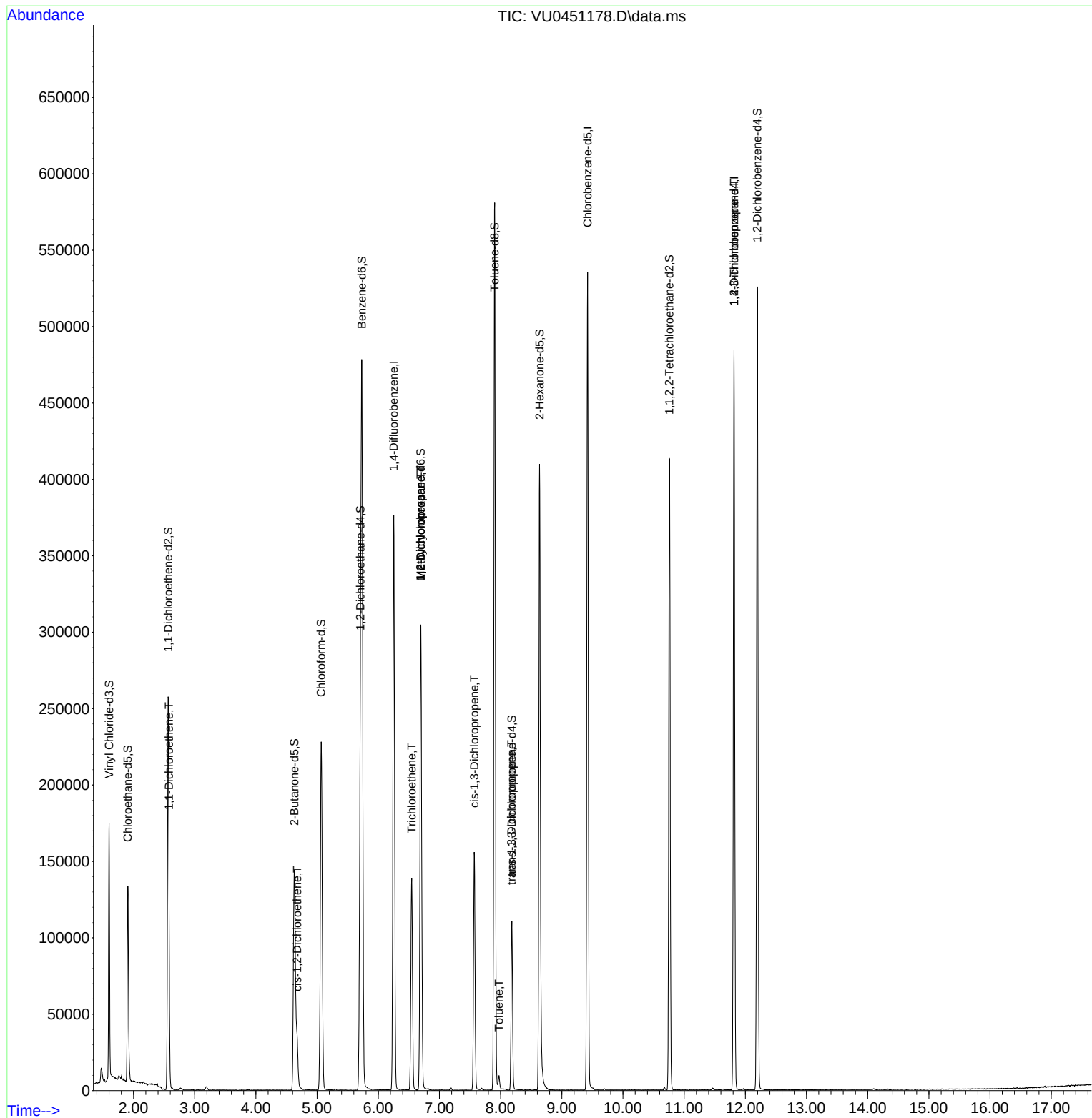
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	287406	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	279212	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	119811	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	111286	35.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.740%
7) Chloroethane-d5	1.906	69	99223	39.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.565	63	154935	29.324	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.640%#
21) 2-Butanone-d5	4.626	46	208860	83.969	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.970%
24) Chloroform-d	5.067	84	207681	41.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.580%
26) 1,2-Dichloroethane-d4	5.707	65	148485	44.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.220%
32) Benzene-d6	5.732	84	424981	43.864	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.720%
36) 1,2-Dichloropropane-d6	6.694	67	139175	44.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.100%
41) Toluene-d8	7.903	98	371410	44.421	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.840%
43) trans-1,3-Dichloroprop...	8.183	79	58314	41.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.000%
47) 2-Hexanone-d5	8.636	63	140304	80.142	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.140%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	204913	41.655	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.300%
66) 1,2-Dichlorobenzene-d4	12.195	152	127986	49.085	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.180%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	3989	1.792	ug/L #	1
20) cis-1,2-Dichloroethene	4.675	96	14145	5.475	ug/L	93
34) Trichloroethene	6.546	95	46283	18.607	ug/L	99
35) Methylcyclohexane	6.694	83	32553	7.817	ug/L #	16
37) 1,2-Dichloropropane	6.694	63	15854	5.623	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3667	0.909	ug/L #	57
42) Toluene	7.970	91	5718	0.543	ug/L	85
44) trans-1,3-Dichloropropene	8.179	75	2501	0.652	ug/L	91
60) 1,2,3-Trichloropropane	11.816	75	15983	4.823	ug/L #	68

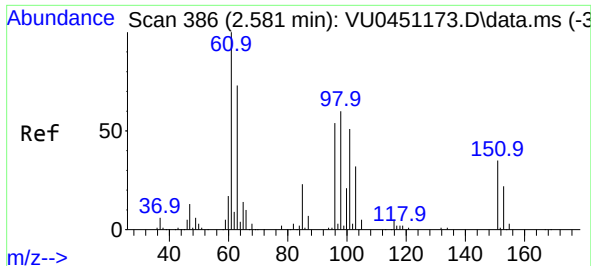
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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Quant Time: Oct 07 03:01:35 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





#12

1,1-Dichloroethene

Concen: 1.792 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.003 min

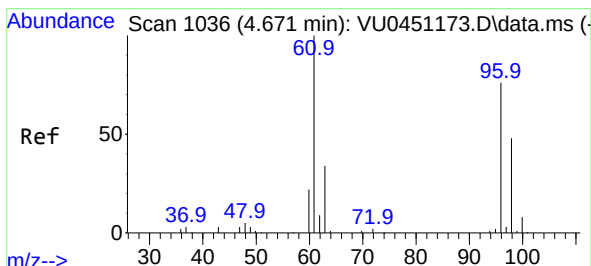
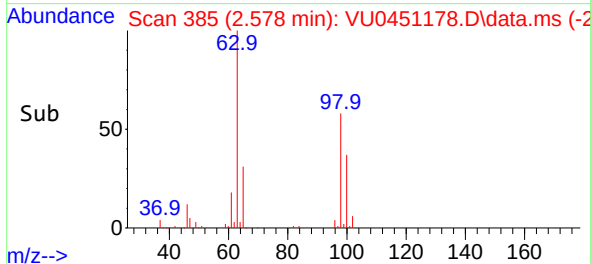
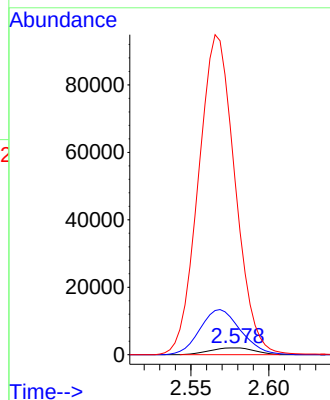
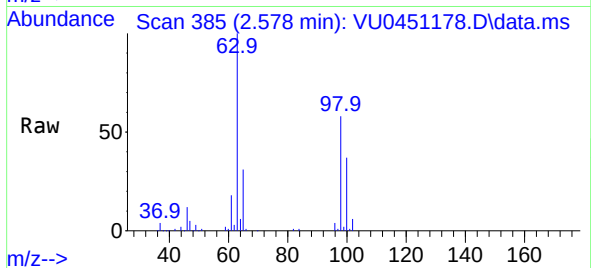
Lab File: VU0451178.D

Acq: 06 Oct 2021 12:15

Tgt Ion: 96 Resp: 3989

Ion	Ratio	Lower	Upper
96	100		
61	464.6	131.3	243.9#
63	2568.3	102.5	190.3#

Instrument :
MSVOA_U
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 5.475 ug/L

RT: 4.675 min Scan# 1037

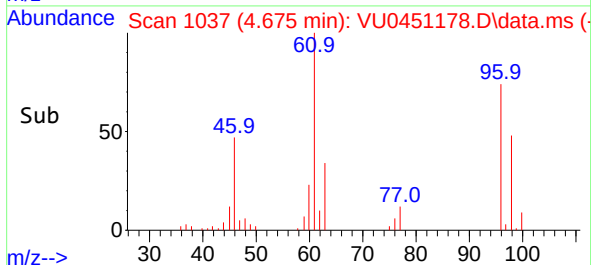
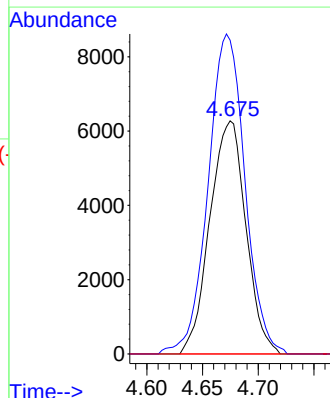
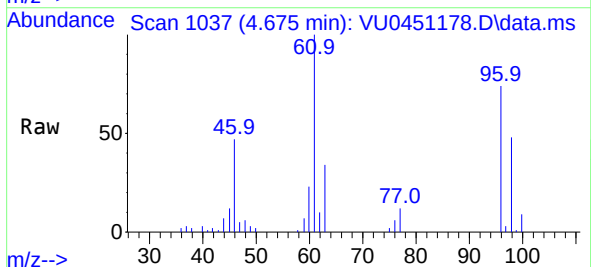
Delta R.T. 0.004 min

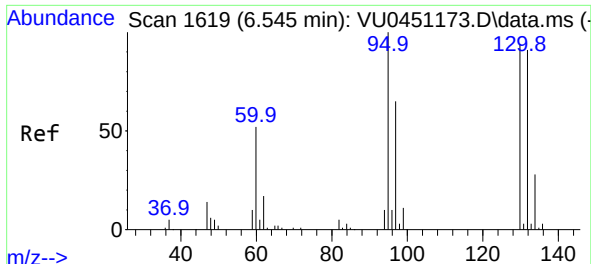
Lab File: VU0451178.D

Acq: 06 Oct 2021 12:15

Tgt Ion: 96 Resp: 14145

Ion	Ratio	Lower	Upper
96	100		
61	134.6	100.2	186.0
68	0.0	0.0	0.0

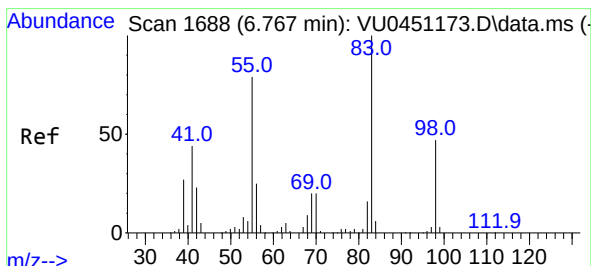
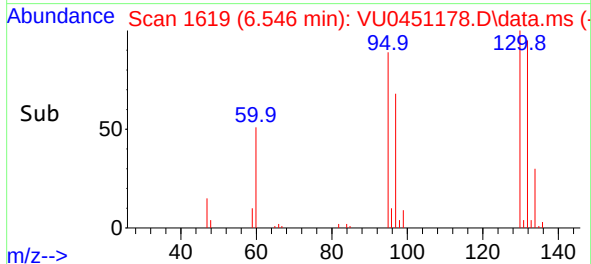
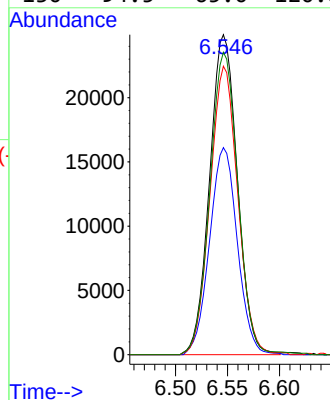
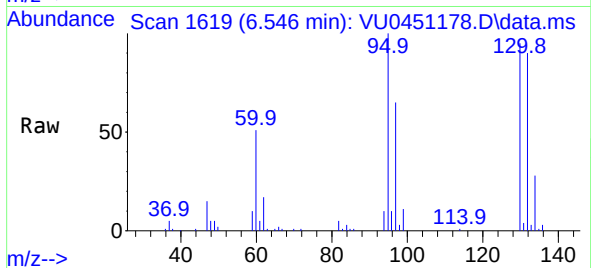




#34
Trichloroethene
Concen: 18.607 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU0451178.D
Acq: 06 Oct 2021 12:15

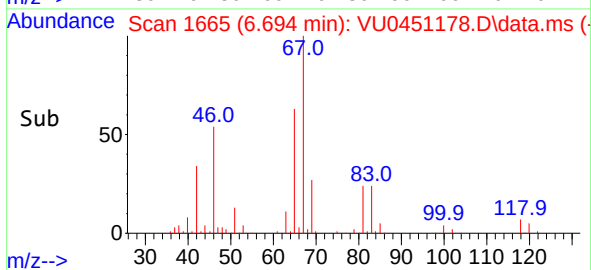
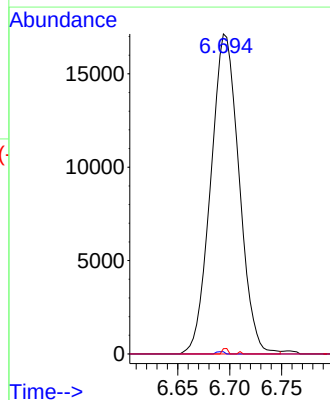
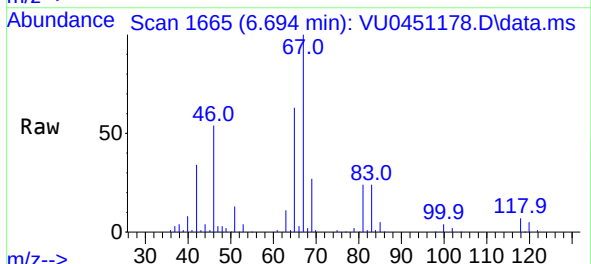
Instrument :
MSVOA_U
ClientSampled :

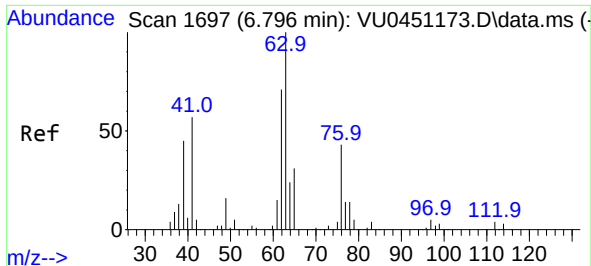
Tgt Ion: 95 Resp: 46283
Ion Ratio Lower Upper
95 100
97 64.7 44.4 82.4
132 90.1 62.9 116.9
130 94.5 65.0 120.8



#35
Methylcyclohexane
Concen: 7.817 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU0451178.D
Acq: 06 Oct 2021 12:15

Tgt Ion: 83 Resp: 32553
Ion Ratio Lower Upper
83 100
55 0.2 65.8 98.6#
98 0.3 37.1 55.7#

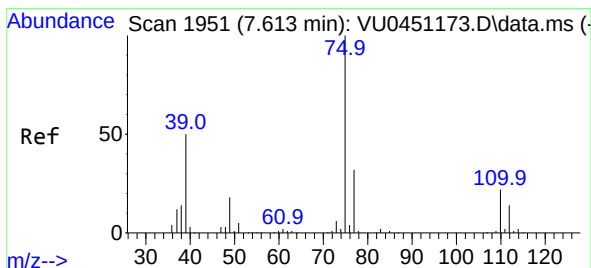
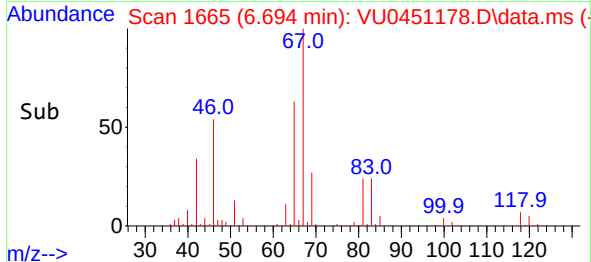
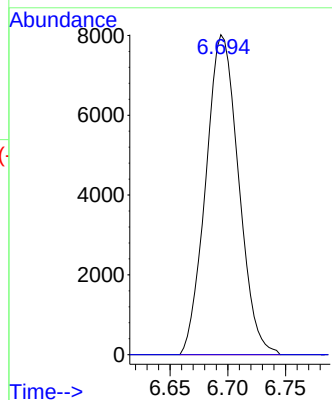
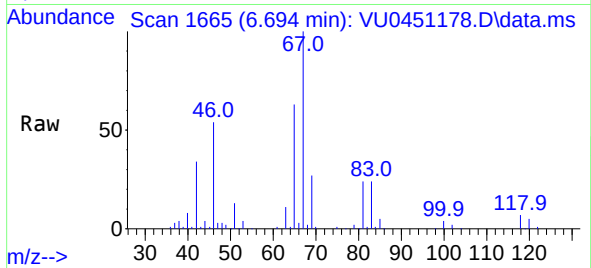




#37
1,2-Dichloropropane
Concen: 5.623 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.102 min
Lab File: VU0451178.D
Acq: 06 Oct 2021 12:15

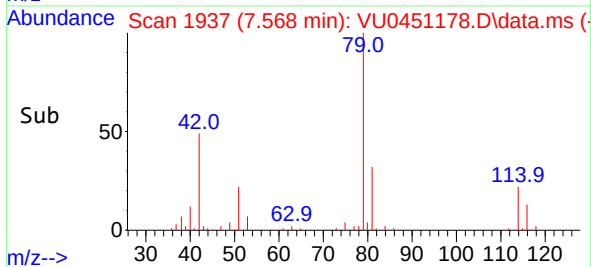
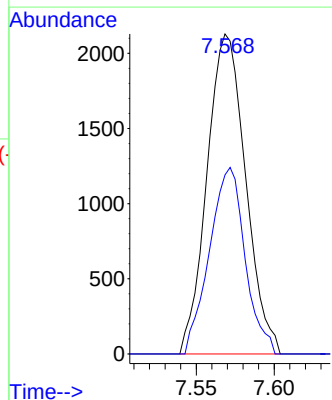
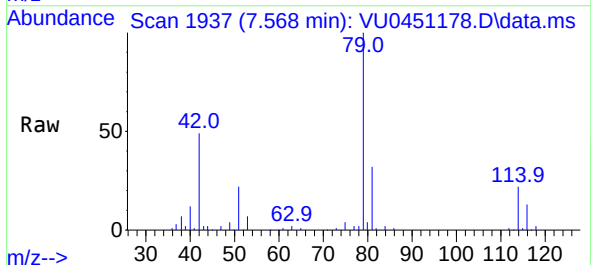
Instrument :
MSVOA_U
ClientSampleId :

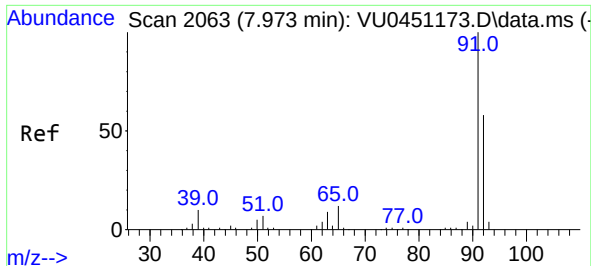
Tgt Ion: 63 Resp: 15854
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.909 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU0451178.D
Acq: 06 Oct 2021 12:15

Tgt Ion: 75 Resp: 3667
Ion Ratio Lower Upper
75 100
77 55.9 22.4 41.6#

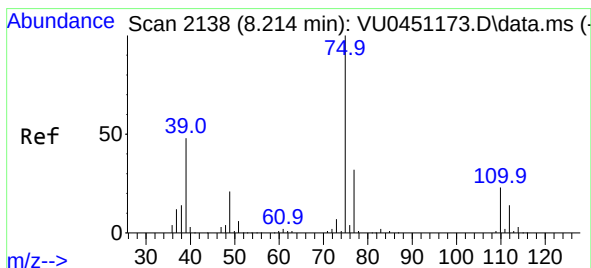
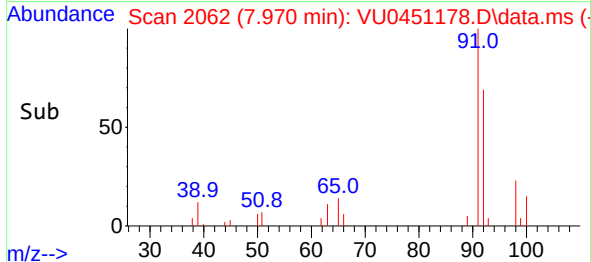
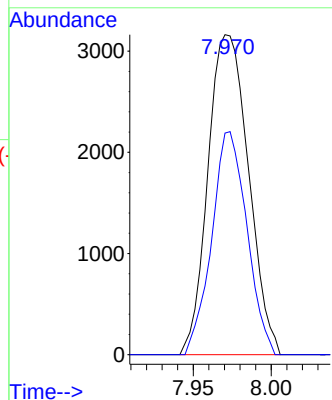
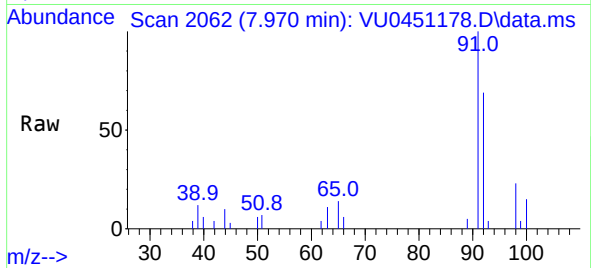




#42
Toluene
Concen: 0.543 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU0451178.D
Acq: 06 Oct 2021 12:15

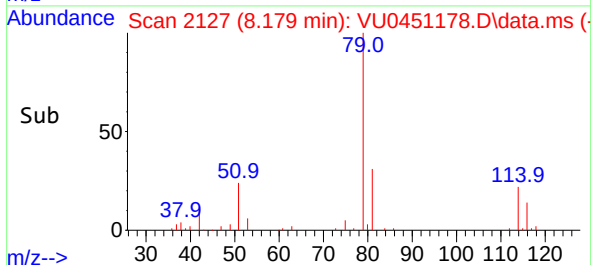
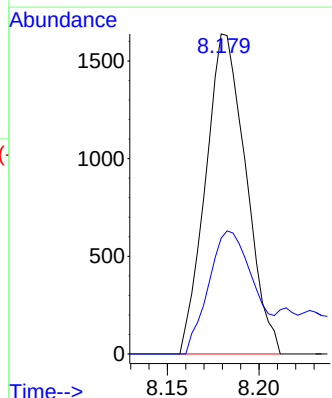
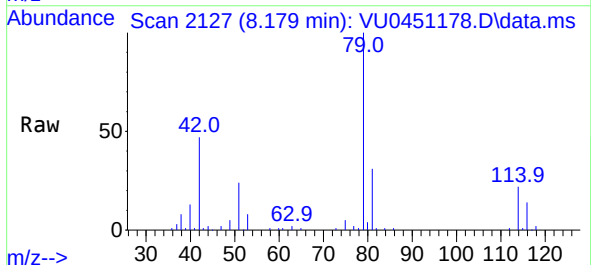
Instrument :
MSVOA_U
ClientSampled :

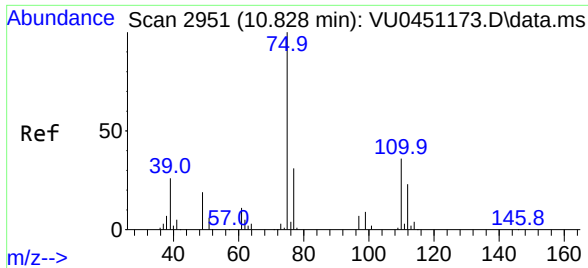
Tgt Ion: 91 Resp: 5718
Ion Ratio Lower Upper
91 100
92 69.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.652 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.035 min
Lab File: VU0451178.D
Acq: 06 Oct 2021 12:15

Tgt Ion: 75 Resp: 2501
Ion Ratio Lower Upper
75 100
77 36.2 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 4.823 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.988 min
 Lab File: VU0451178.D
 Acq: 06 Oct 2021 12:15

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	75	Resp:	15983
Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.5	38.3
110	1.9	29.0	43.4#

