

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451176.D
 Acq On : 06 Oct 2021 11:28
 Operator : SY/MD
 Sample : M4024-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 03:01:20 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)

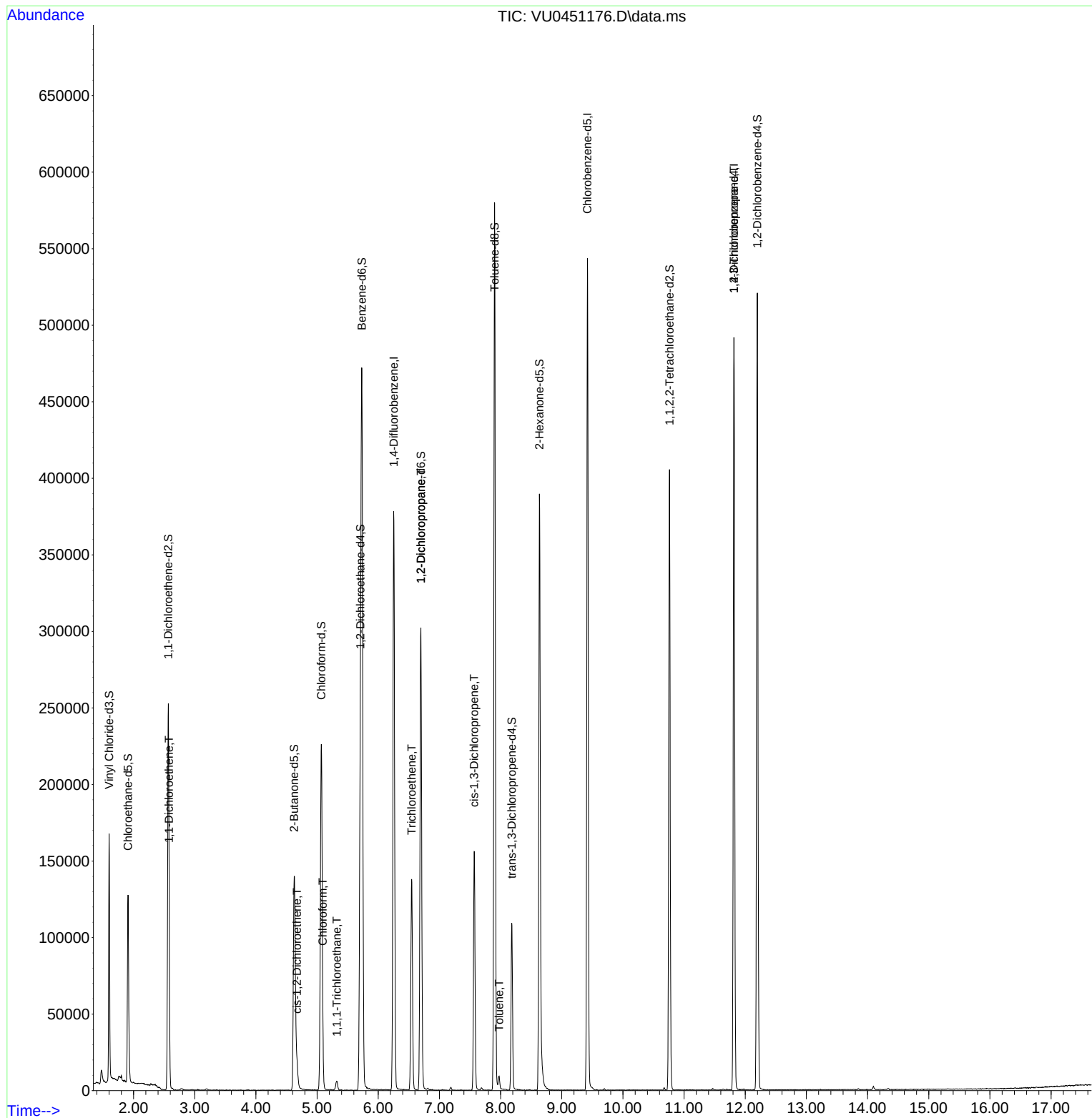
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	295294	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	281477	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	122959	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	106158	32.840	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.680%		
7) Chloroethane-d5	1.909	69	96550	37.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.380%		
11) 1,1-Dichloroethene-d2	2.568	63	151164	27.846	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.700%#		
21) 2-Butanone-d5	4.626	46	206804	80.921	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.920%		
24) Chloroform-d	5.070	84	204665	40.087	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.180%		
26) 1,2-Dichloroethane-d4	5.706	65	146664	42.409	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.820%		
32) Benzene-d6	5.732	84	420135	43.015	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.040%		
36) 1,2-Dichloropropane-d6	6.697	67	135236	42.464	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.920%		
41) Toluene-d8	7.902	98	365684	43.385	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.760%		
43) trans-1,3-Dichloroprop...	8.182	79	58020	40.955	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.920%		
47) 2-Hexanone-d5	8.635	63	138436	78.439	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.440%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	199285	40.185	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.360%		
66) 1,2-Dichlorobenzene-d4	12.198	152	127494	47.645	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.280%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.581	96	3335	1.458	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	5670	2.136	ug/L	88
25) Chloroform	5.092	83	2943	0.591	ug/L	94
30) 1,1,1-Trichloroethane	5.321	97	4698	1.206	ug/L	95
34) Trichloroethene	6.546	95	45192	18.022	ug/L	96
37) 1,2-Dichloropropane	6.697	63	15874	5.585	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3634	0.894	ug/L #	55
42) Toluene	7.976	91	5695	0.537	ug/L	99
60) 1,2,3-Trichloropropane	11.815	75	16087	4.730	ug/L #	68

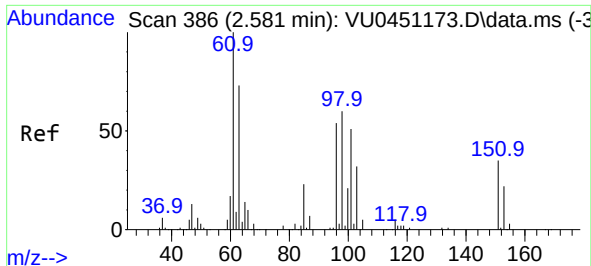
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 1.458 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.000 min

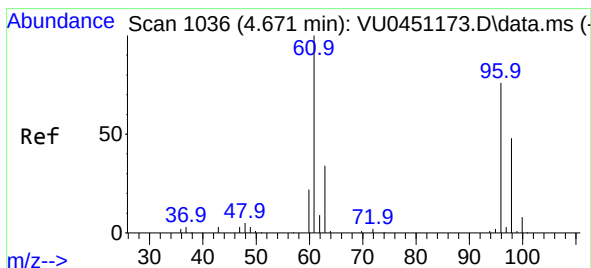
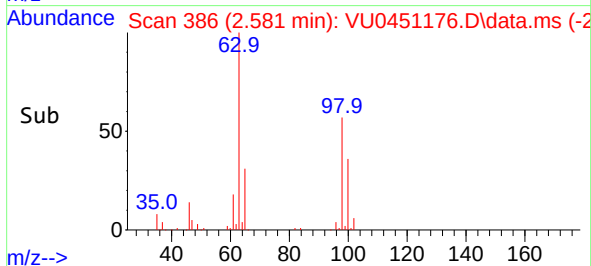
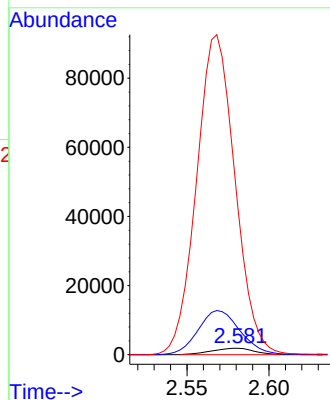
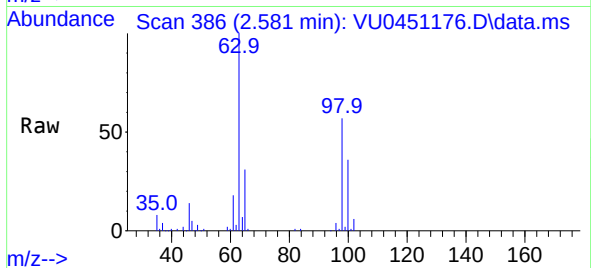
Lab File: VU0451176.D

Acq: 06 Oct 2021 11:28

Tgt Ion: 96 Resp: 3335

Ion	Ratio	Lower	Upper
96	100		
61	407.4	131.3	243.9#
63	2263.6	102.5	190.3#

Instrument :
MSVOA_U
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 2.136 ug/L

RT: 4.671 min Scan# 1036

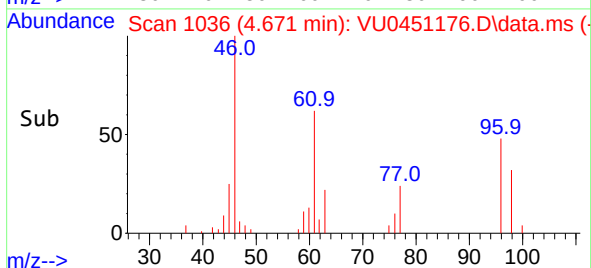
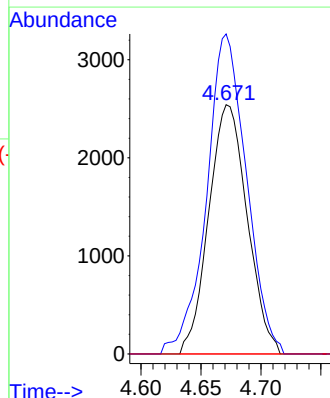
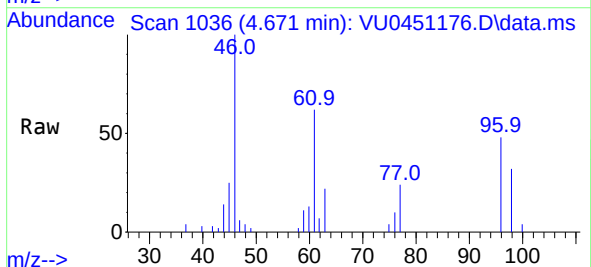
Delta R.T. 0.000 min

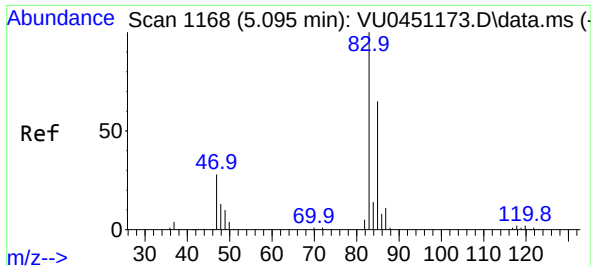
Lab File: VU0451176.D

Acq: 06 Oct 2021 11:28

Tgt Ion: 96 Resp: 5670

Ion	Ratio	Lower	Upper
96	100		
61	128.4	100.2	186.0
68	0.0	0.0	0.0

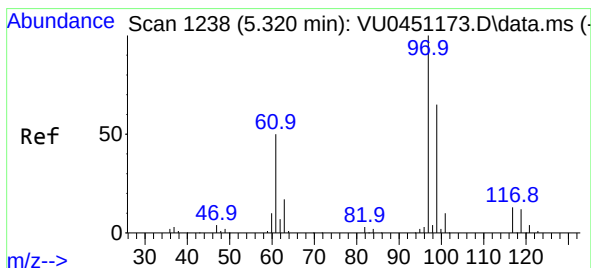
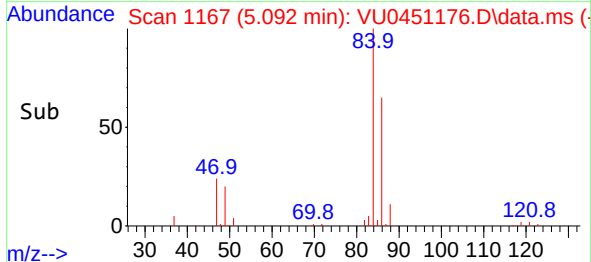
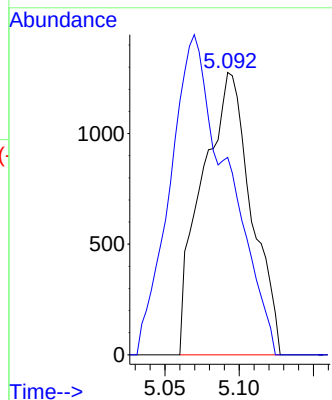
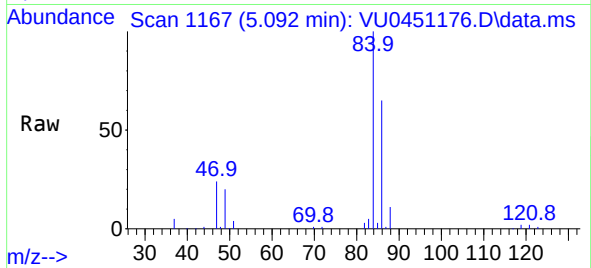




#25
Chloroform
Concen: 0.591 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU0451176.D
Acq: 06 Oct 2021 11:28

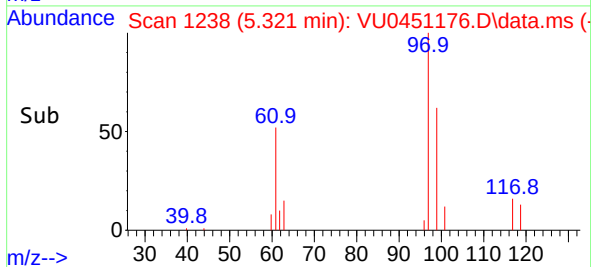
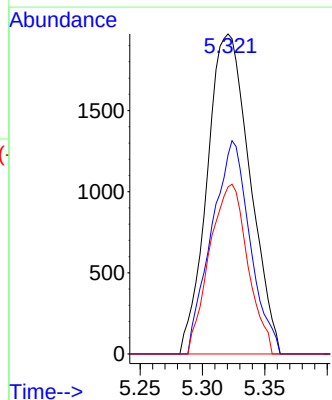
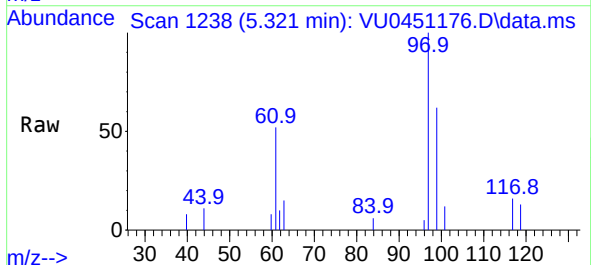
Instrument :
MSVOA_U
ClientSampleId :

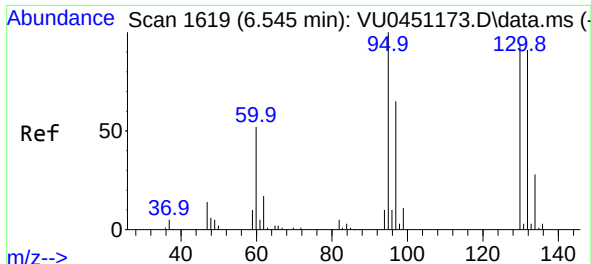
Tgt Ion: 83 Resp: 2943
Ion Ratio Lower Upper
83 100
85 69.9 45.6 84.6



#30
1,1,1-Trichloroethane
Concen: 1.206 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU0451176.D
Acq: 06 Oct 2021 11:28

Tgt Ion: 97 Resp: 4698
Ion Ratio Lower Upper
97 100
99 59.9 50.6 75.8
61 47.3 41.3 61.9

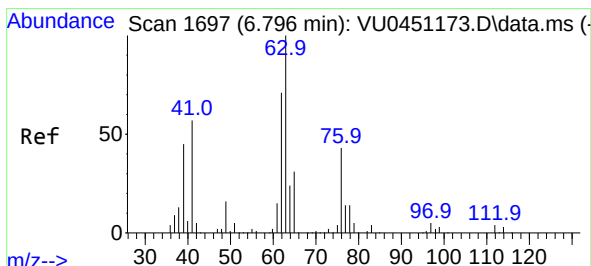
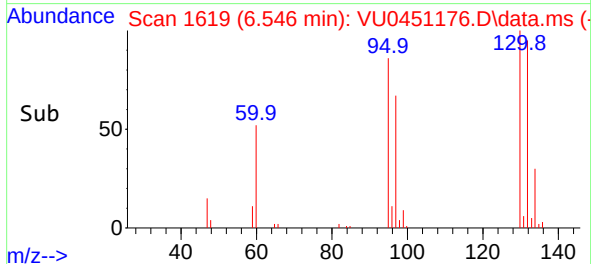
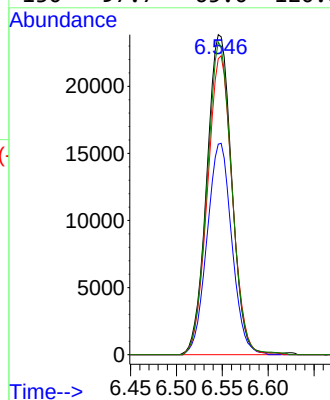
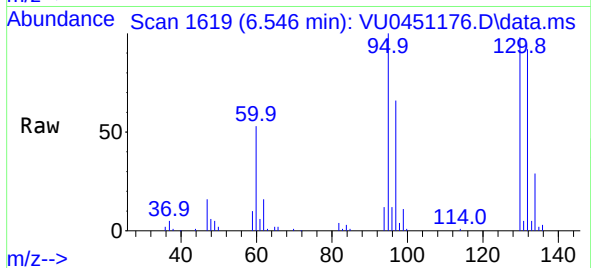




#34
Trichloroethene
Concen: 18.022 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU0451176.D
Acq: 06 Oct 2021 11:28

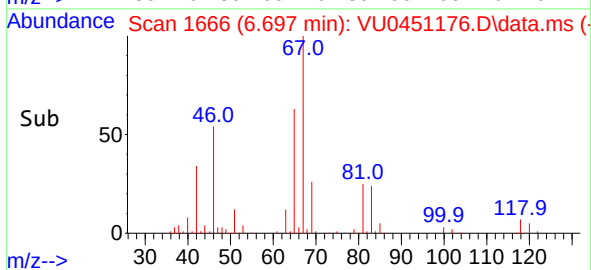
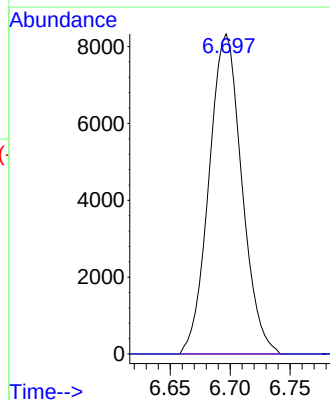
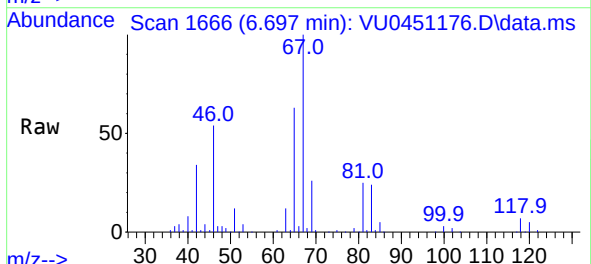
Instrument :
MSVOA_U
ClientSampleId :

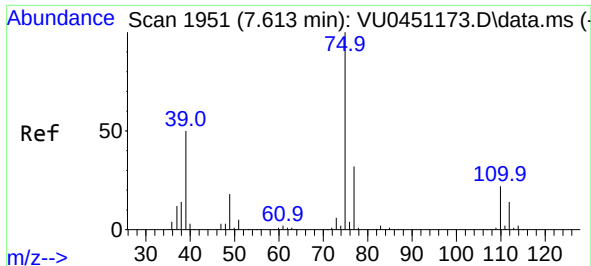
Tgt Ion: 95 Resp: 45192
Ion Ratio Lower Upper
95 100
97 65.8 44.4 82.4
132 92.5 62.9 116.9
130 97.7 65.0 120.8



#37
1,2-Dichloropropane
Concen: 5.585 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU0451176.D
Acq: 06 Oct 2021 11:28

Tgt Ion: 63 Resp: 15874
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

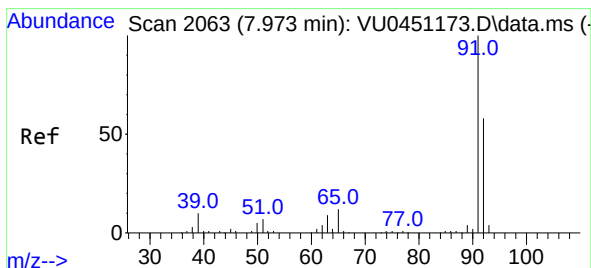
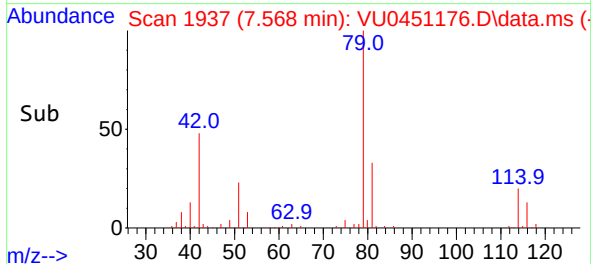
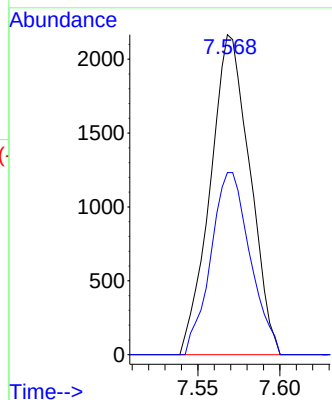
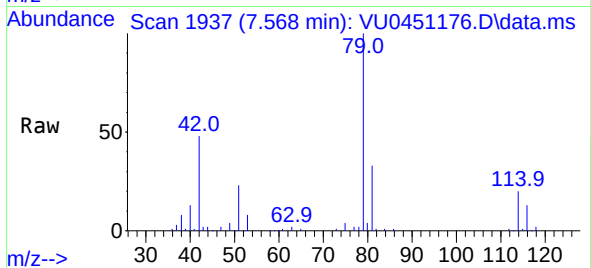




#39
cis-1,3-Dichloropropene
Concen: 0.894 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU0451176.D
Acq: 06 Oct 2021 11:28

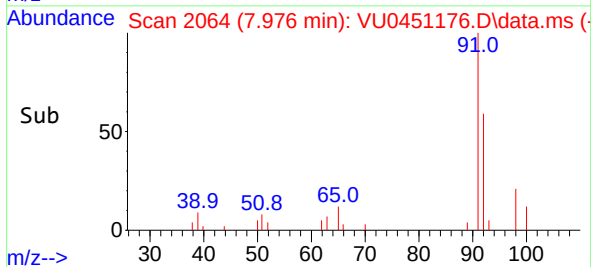
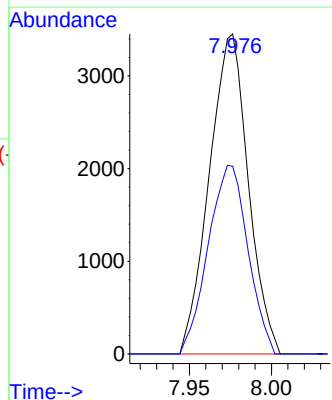
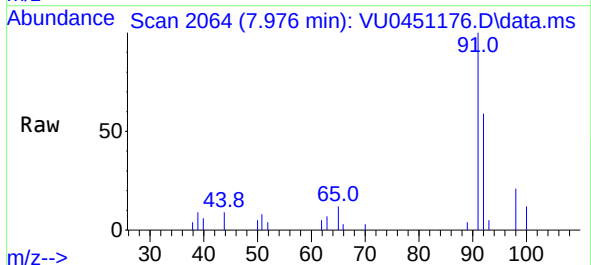
Instrument :
MSVOA_U
ClientSampled :

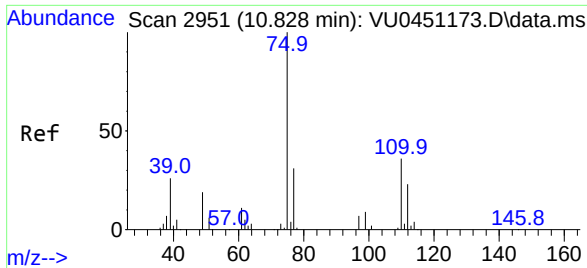
Tgt Ion: 75 Resp: 3634
Ion Ratio Lower Upper
75 100
77 56.9 22.4 41.6#



#42
Toluene
Concen: 0.537 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU0451176.D
Acq: 06 Oct 2021 11:28

Tgt Ion: 91 Resp: 5695
Ion Ratio Lower Upper
91 100
92 58.6 40.5 75.1





#60
1,2,3-Trichloropropane
Concen: 4.730 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU0451176.D
Acq: 06 Oct 2021 11:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	75	Resp:	16087
Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.5	38.3
110	2.1	29.0	43.4#

