

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046240.D
 Acq On : 09 Dec 2021 23:10
 Operator : SY/MD
 Sample : M5002-03
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:25:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

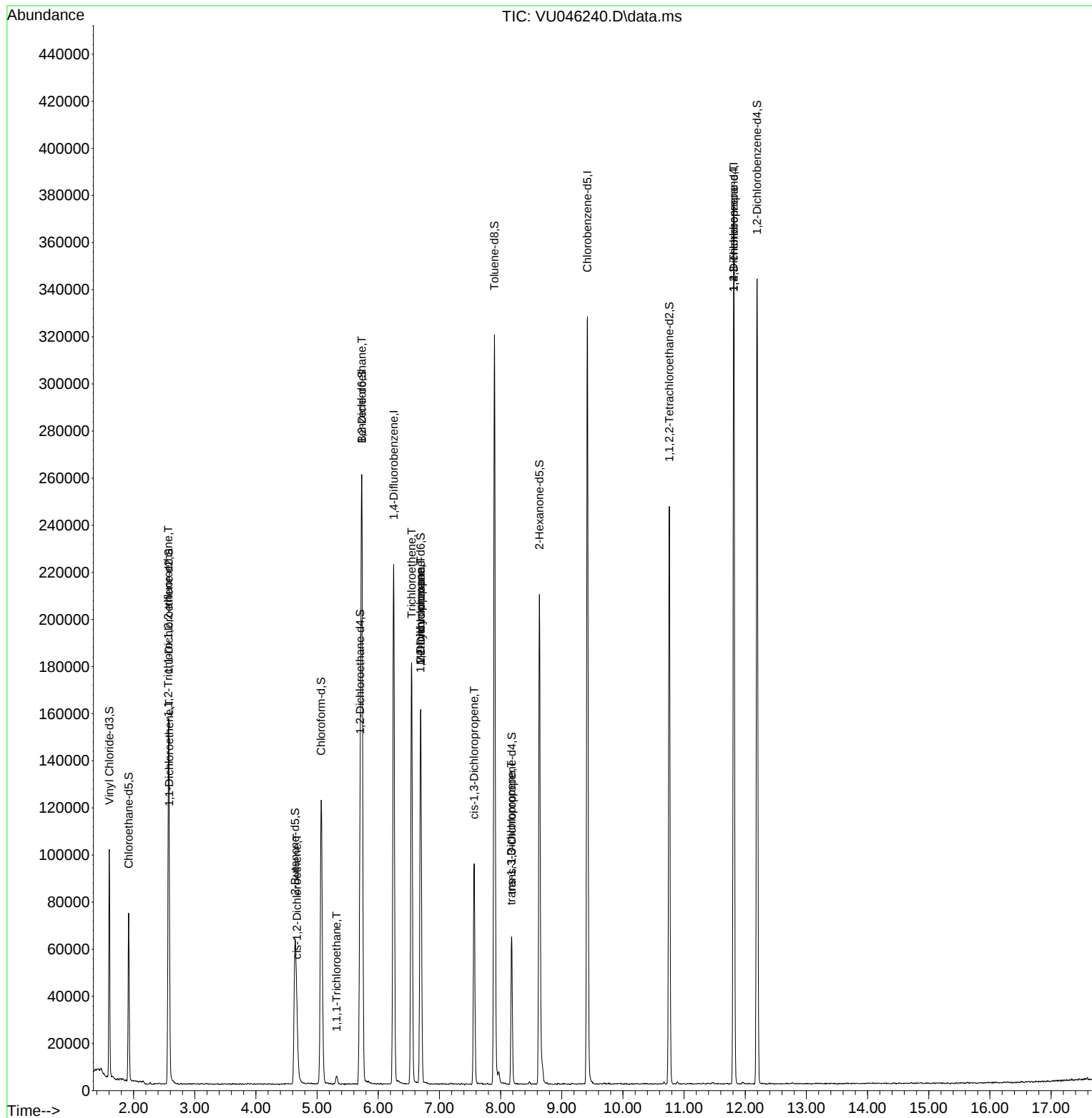
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	180970	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	188496	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	97980	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	68591	46.011	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.020%		
7) Chloroethane-d5	1.919	69	51310	44.829	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.660%		
11) 1,1-Dichloroethene-d2	2.575	63	91358	34.138	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.280%		
21) 2-Butanone-d5	4.642	46	112261	94.730	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.730%		
24) Chloroform-d	5.067	84	113196	45.470	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.940%		
26) 1,2-Dichloroethane-d4	5.703	65	78935	47.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.500%		
32) Benzene-d6	5.732	84	244540	45.263	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.520%		
36) 1,2-Dichloropropane-d6	6.693	67	75760	45.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.500%		
41) Toluene-d8	7.899	98	214254	43.556	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.120%		
43) trans-1,3-Dichloroprop...	8.182	79	35996	44.534	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.060%		
47) 2-Hexanone-d5	8.636	63	77080	97.093	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.090%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	118635	46.721	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.440%		
66) 1,2-Dichlorobenzene-d4	12.195	152	87264	46.247	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.500%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	831	0.631	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	4422	3.534	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	4478	3.117	ug/L	93
27) 1,2-Dichloroethane	5.732	62	1246	0.628	ug/L #	73
30) 1,1,1-Trichloroethane	5.317	97	1957	0.846	ug/L #	62
34) Trichloroethene	6.546	95	61076	40.637	ug/L	99
35) Methylcyclohexane	6.693	83	18258	7.835	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	8483	5.676	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2278	1.002	ug/L #	72
44) trans-1,3-Dichloropropene	8.176	75	1479	0.662	ug/L #	81
60) 1,2,3-Trichloropropane	11.812	75	11731	5.462	ug/L #	65

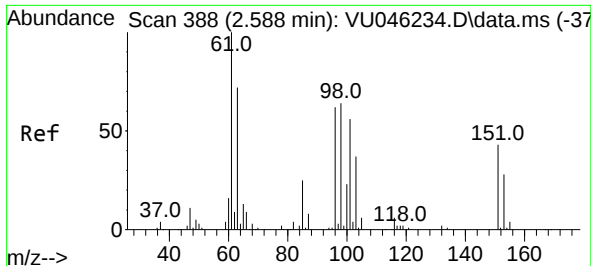
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046240.D
Acq On : 09 Dec 2021 23:10
Operator : SY/MD
Sample : M5002-03
Misc : 5.6mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 10 05:25:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

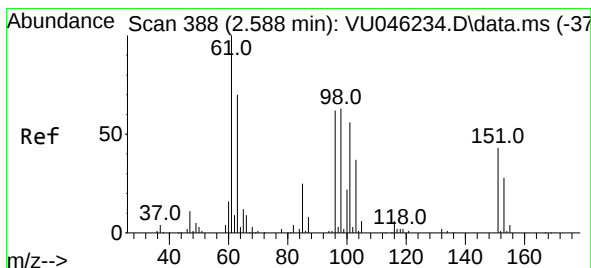
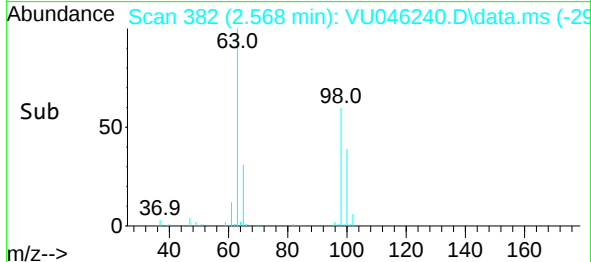
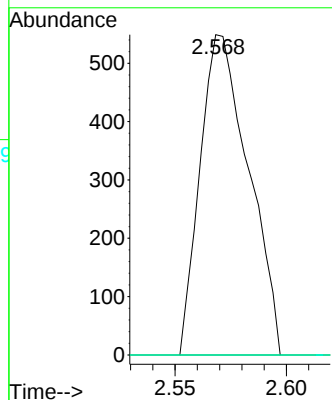
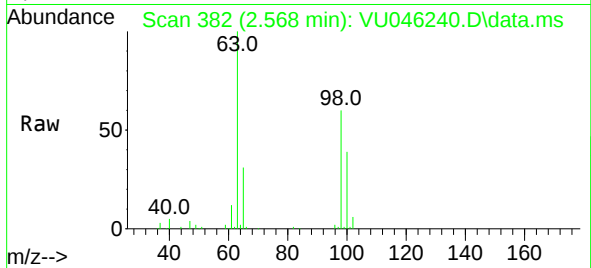




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.631 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU046240.D
Acq: 09 Dec 2021 23:10

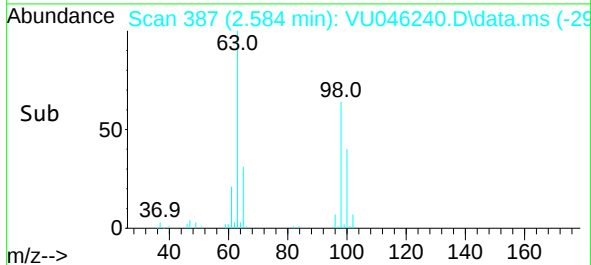
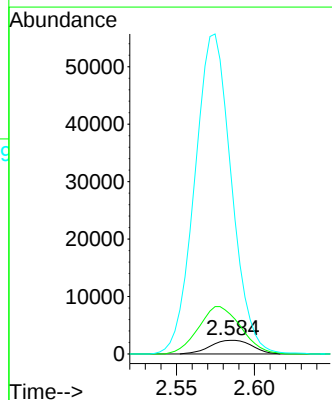
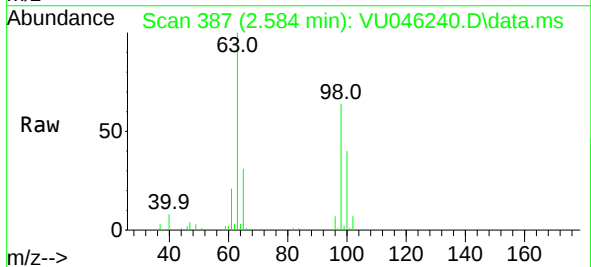
Instrument :
MSVOA_U
ClientSampleId :

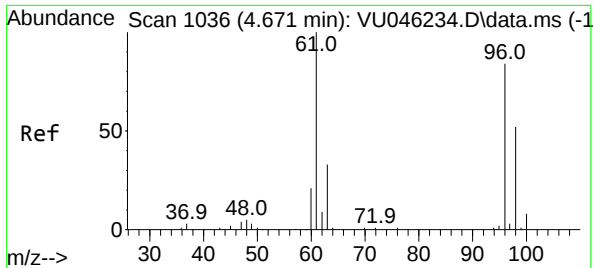
Tgt Ion:101 Resp: 831
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 3.534 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU046240.D
Acq: 09 Dec 2021 23:10

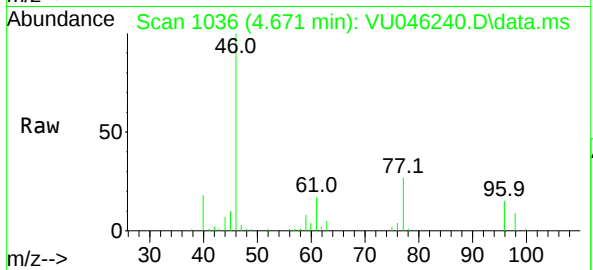
Tgt Ion: 96 Resp: 4422
Ion Ratio Lower Upper
96 100
61 291.7 118.6 220.2#
63 1384.1 93.0 172.8#



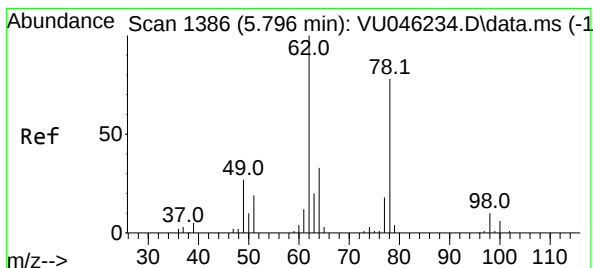
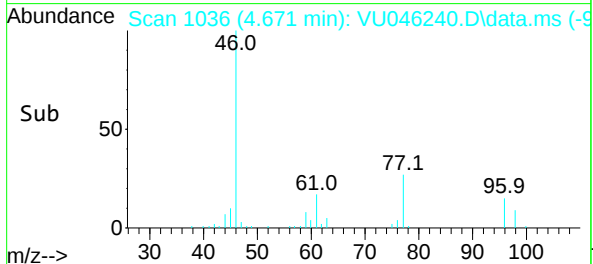
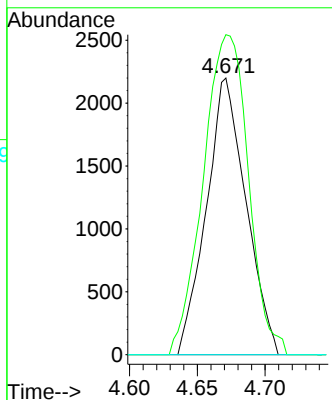


#20
 cis-1,2-Dichloroethene
 Concen: 3.117 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU046240.D
 Acq: 09 Dec 2021 23:10

Instrument :
 MSVOA_U
 ClientSampleId :

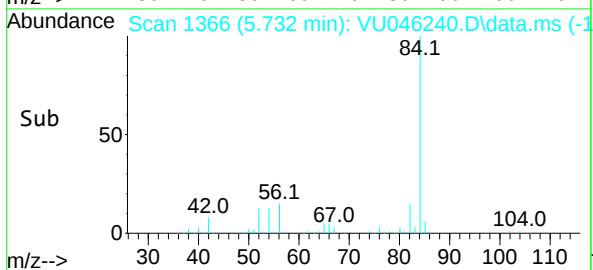
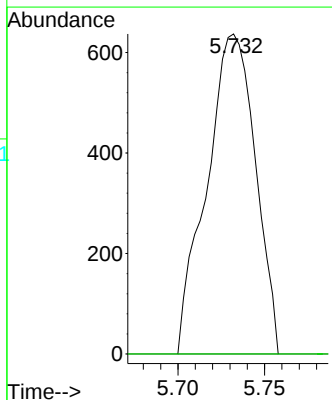
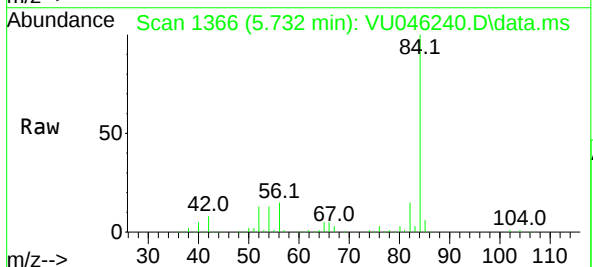


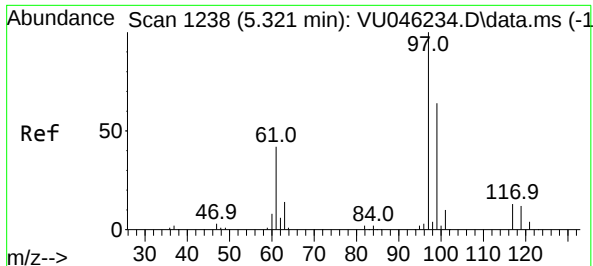
Tgt Ion: 96	Resp: 4478
Ion Ratio	Lower Upper
96 100	
61 115.6	86.8 161.2
68 0.0	0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.628 ug/L
 RT: 5.732 min Scan# 1366
 Delta R.T. -0.068 min
 Lab File: VU046240.D
 Acq: 09 Dec 2021 23:10

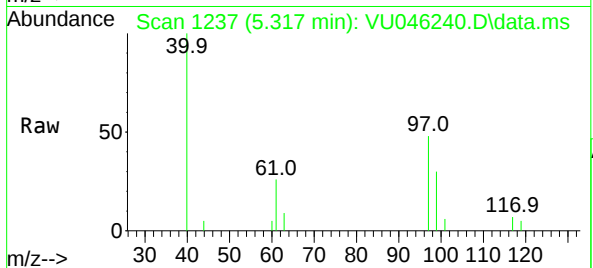
Tgt Ion: 62	Resp: 1246
Ion Ratio	Lower Upper
62 100	
98 0.0	7.9 11.9#



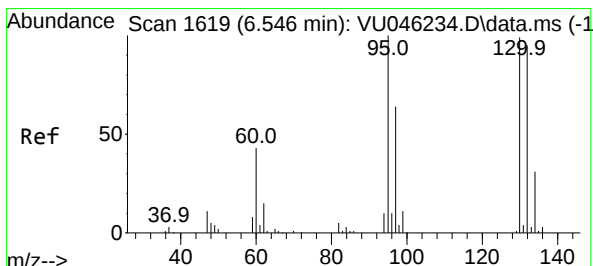
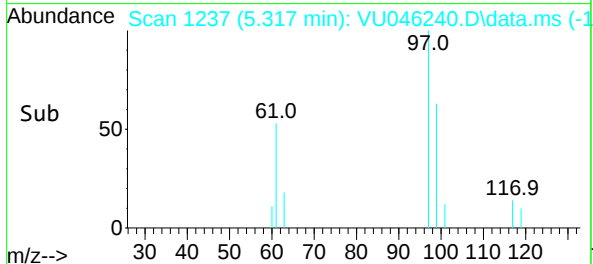
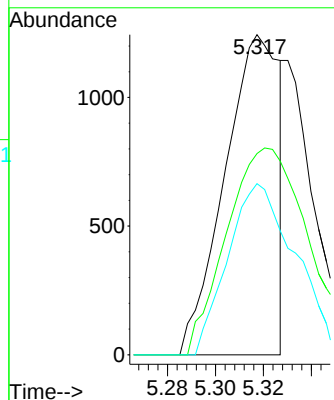


#30
1,1,1-Trichloroethane
Concen: 0.846 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046240.D
Acq: 09 Dec 2021 23:10

Instrument :
MSVOA_U
ClientSampleId :

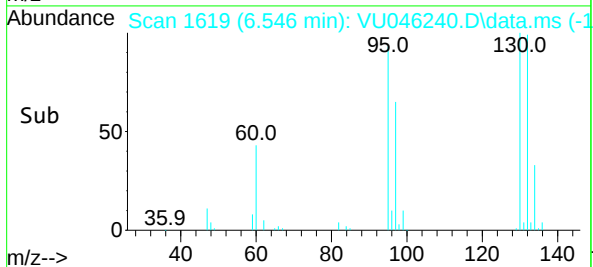
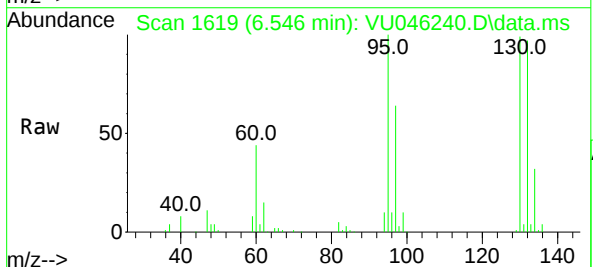
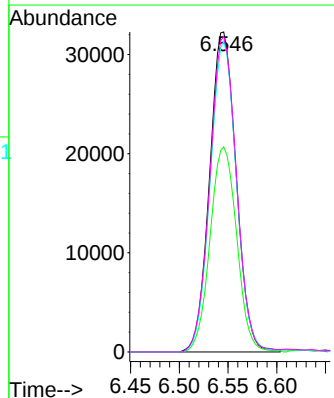


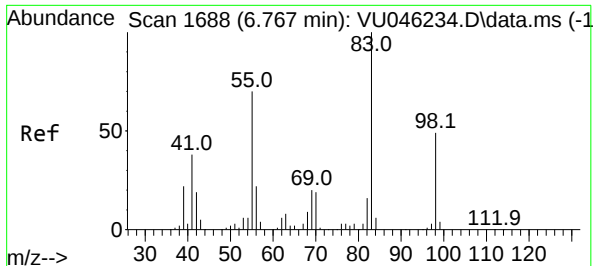
Tgt Ion: 97 Resp: 1957
Ion Ratio Lower Upper
97 100
99 95.3 51.8 77.6#
61 65.8 34.4 51.6#



#34
Trichloroethene
Concen: 40.637 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046240.D
Acq: 09 Dec 2021 23:10

Tgt Ion: 95 Resp: 61076
Ion Ratio Lower Upper
95 100
97 64.1 44.1 81.9
132 97.1 66.8 124.0
130 98.6 69.0 128.1

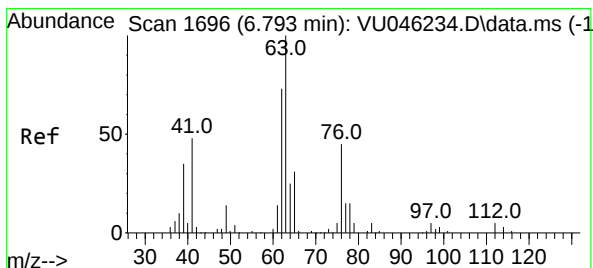
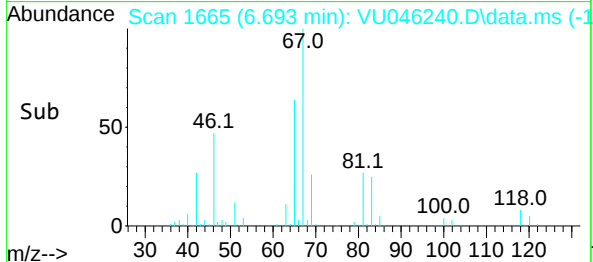
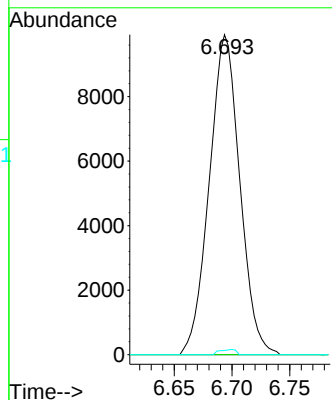
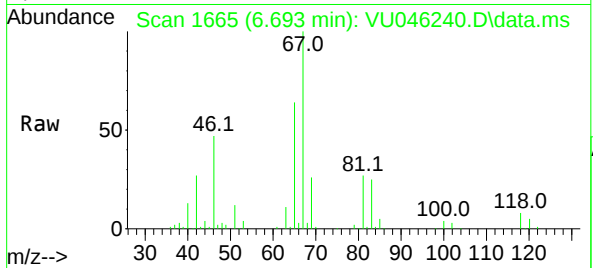




#35
Methylcyclohexane
Concen: 7.835 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046240.D
Acq: 09 Dec 2021 23:10

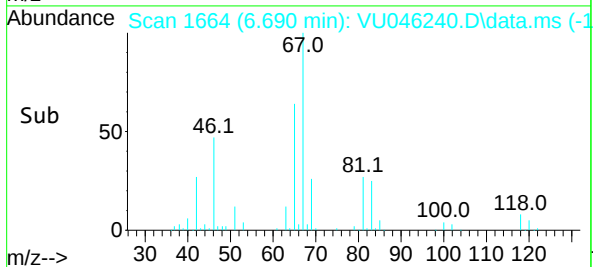
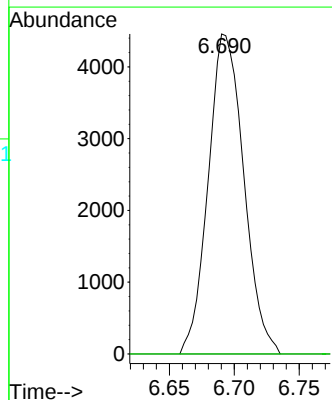
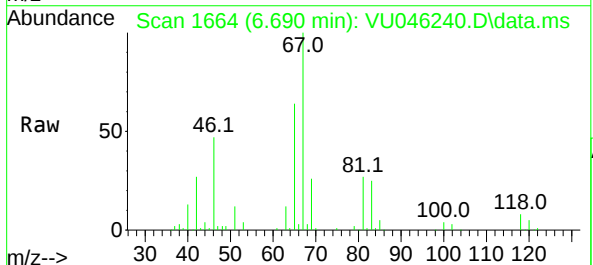
Instrument :
MSVOA_U
ClientSampleId :

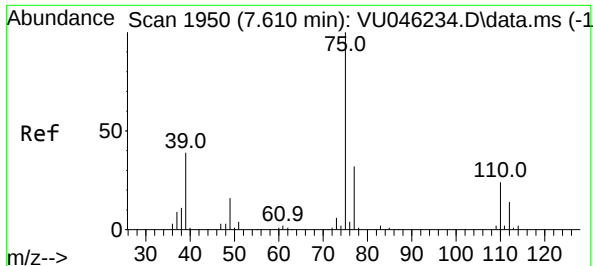
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.5	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 5.676 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU046240.D
Acq: 09 Dec 2021 23:10

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.002 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046240.D

Acq: 09 Dec 2021 23:10

Instrument :

MSVOA_U

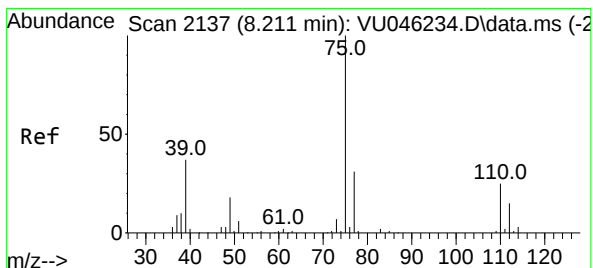
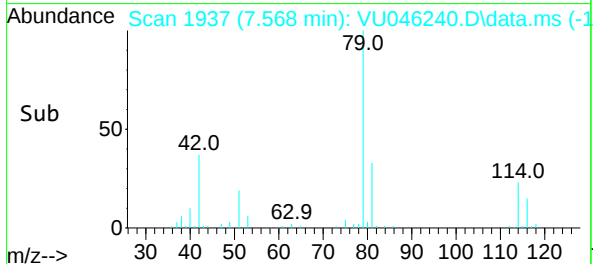
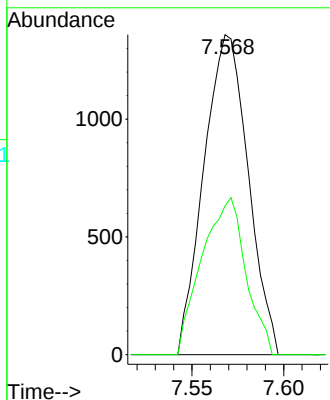
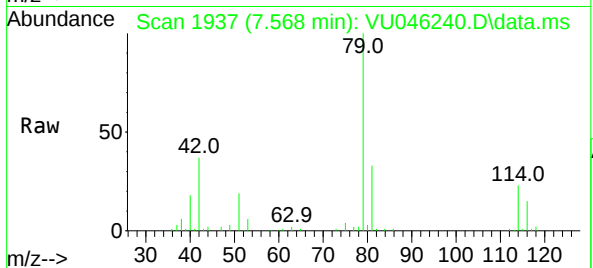
ClientSampleId :

Tgt Ion: 75 Resp: 2278

Ion Ratio Lower Upper

75 100

77 46.5 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.662 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.039 min

Lab File: VU046240.D

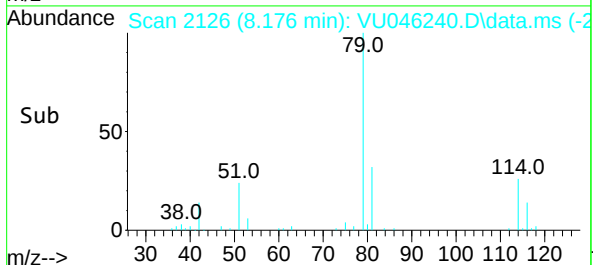
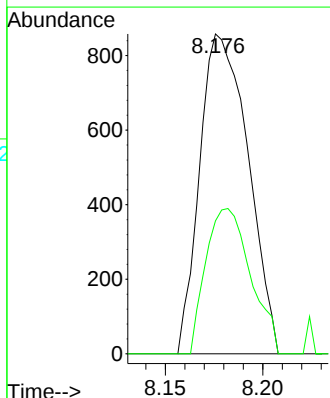
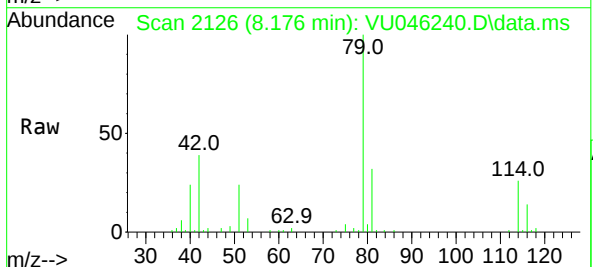
Acq: 09 Dec 2021 23:10

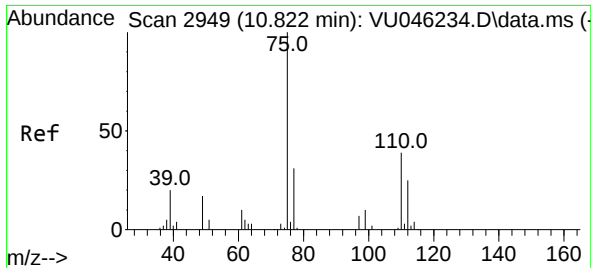
Tgt Ion: 75 Resp: 1479

Ion Ratio Lower Upper

75 100

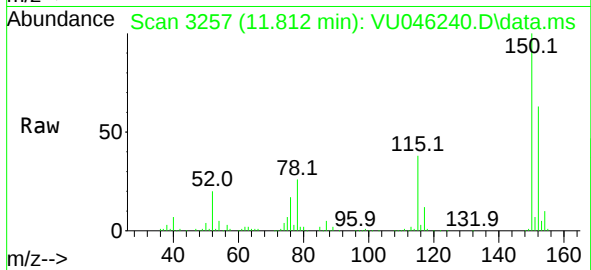
77 41.6 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.462 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046240.D
 Acq: 09 Dec 2021 23:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.4	39.6
110	1.9	32.4	48.6

