

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051663.D
 Acq On : 01 Nov 2022 18:55
 Operator : JC/MD
 Sample : N5353-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

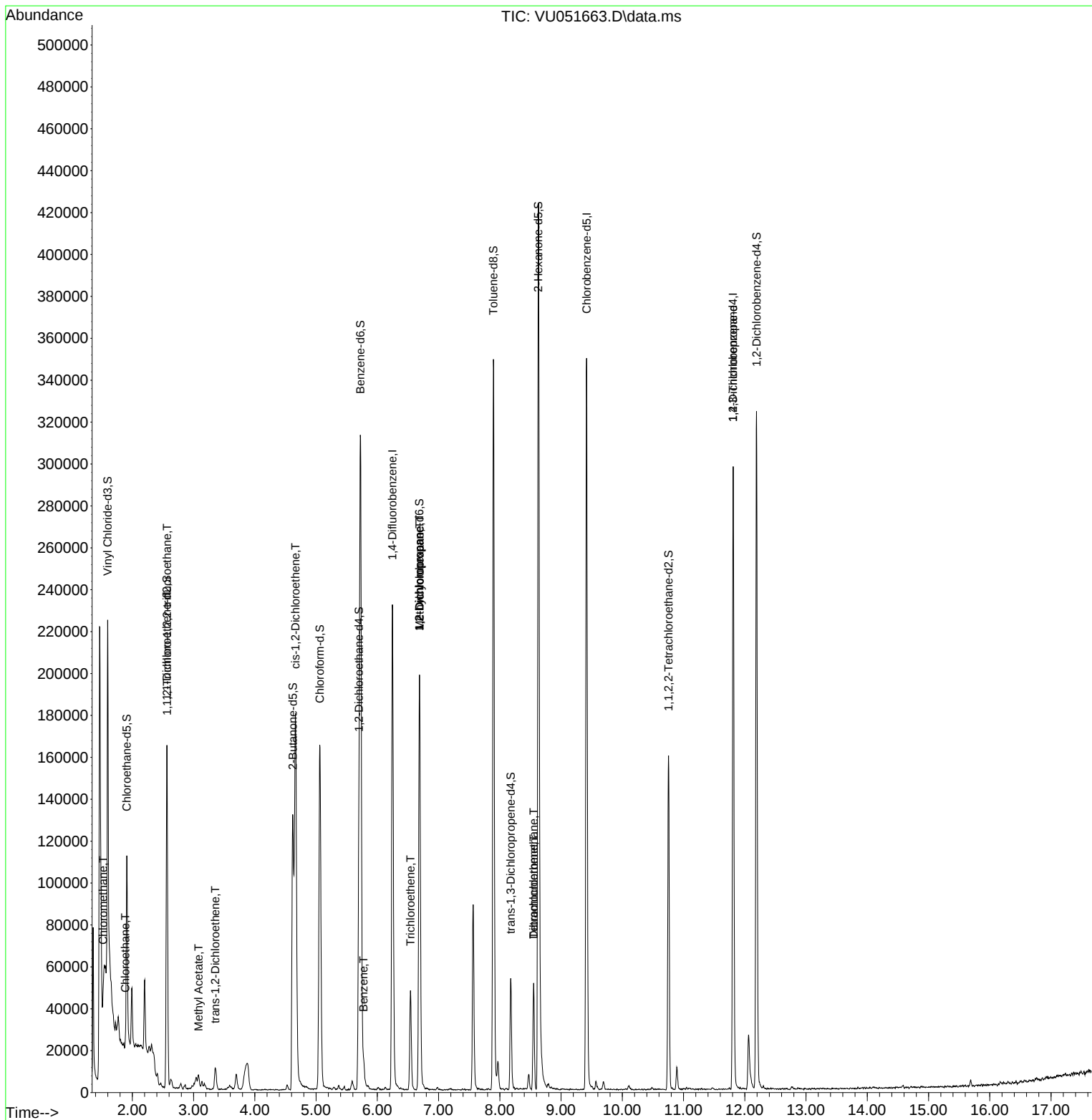
Quant Time: Nov 02 02:05:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 01:48:00 2022
 Response via : Initial Calibration

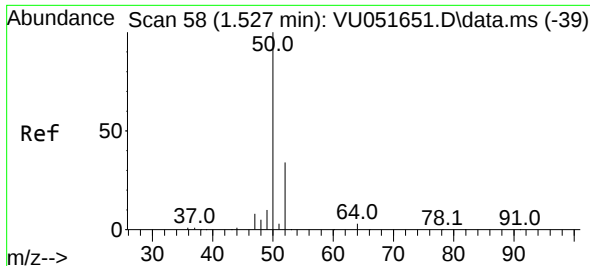
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	192913	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84635	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75660	5.207	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.200%
7) Chloroethane-d5	1.909	69	71088	4.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.565	65	30889	5.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.200%
20) 2-Butanone-d5	4.620	46	186946	35.528	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.060%
24) Chloroform-d	5.063	84	154289	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.700	65	78281	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.726	84	306810	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.687	67	100293	4.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.896	98	244258	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.179	79	31371	4.595	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.629	63	146601	35.670	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.340%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	82719	4.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	88947	5.726	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	4254	0.160	ug/L	86
8) Chloroethane	1.887	64	1448	0.094	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	952	0.058	ug/L #	19
15) Methyl Acetate	3.083	43	4698	0.672	ug/L #	50
18) trans-1,2-Dichloroethene	3.356	96	1911	0.106	ug/L	83
22) cis-1,2-Dichloroethene	4.665	96	93739	4.707	ug/L	99
33) Benzene	5.774	78	10053	0.126	ug/L	100
34) Trichloroethene	6.542	95	16153	0.838	ug/L	96
35) Methylcyclohexane	6.690	83	22962	0.862	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10594	0.516	ug/L #	88
47) Tetrachloroethene	8.552	164	11472	0.777	ug/L	94
49) Dibromochloromethane	8.552	129	11132	0.647	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	9906	0.905	ug/L #	68

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

Quant Time: Nov 02 02:05:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 02 01:48:00 2022
Response via : Initial Calibration

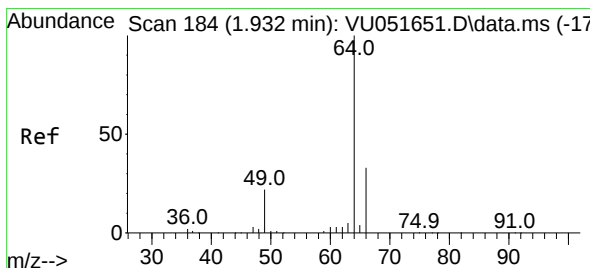
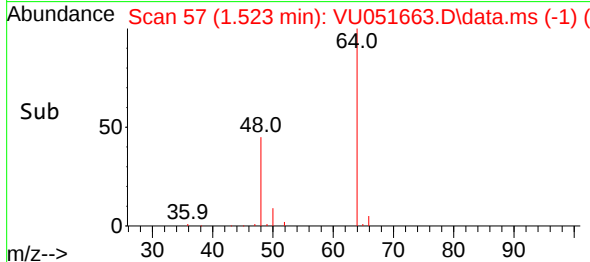
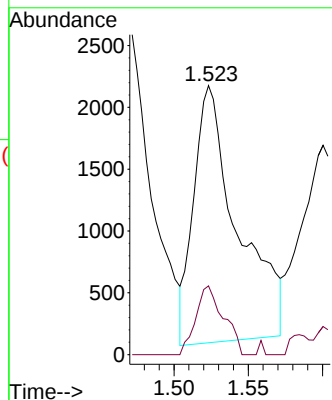
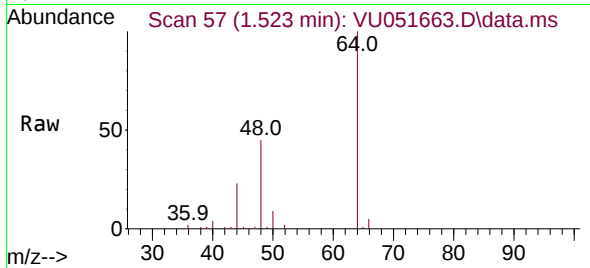




#3
Chloromethane
Concen: 0.160 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU051663.D
Acq: 01 Nov 2022 18:55

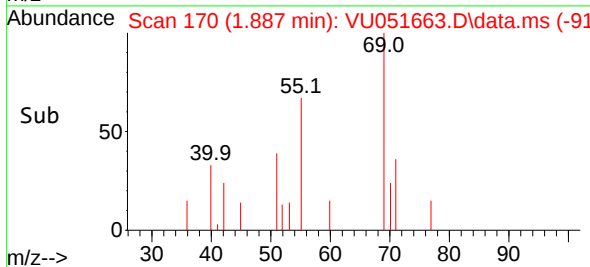
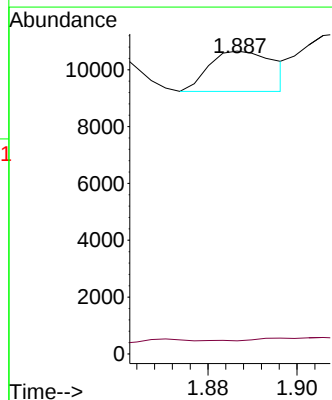
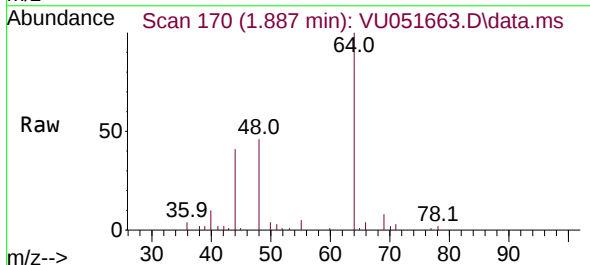
Instrument :
MSVOA_U
ClientSampleId :

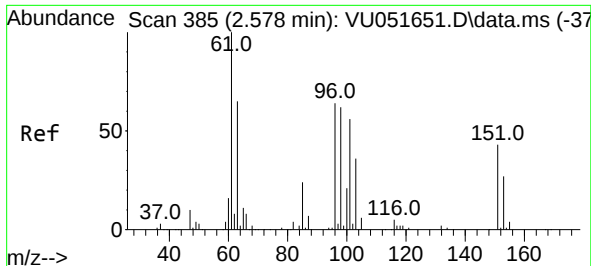
Tgt Ion: 50 Resp: 4254
Ion Ratio Lower Upper
50 100
52 25.5 23.2 43.2



#8
Chloroethane
Concen: 0.094 ug/L
RT: 1.887 min Scan# 170
Delta R.T. -0.045 min
Lab File: VU051663.D
Acq: 01 Nov 2022 18:55

Tgt Ion: 64 Resp: 1448
Ion Ratio Lower Upper
64 100
66 4.3 22.3 41.5#

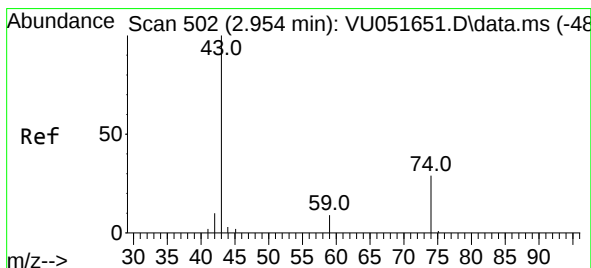
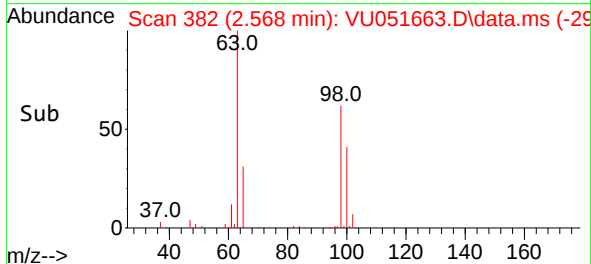
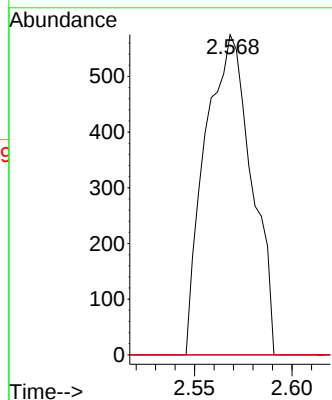
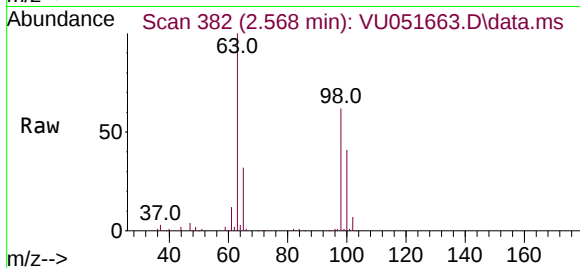




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU051663.D
Acq: 01 Nov 2022 18:55

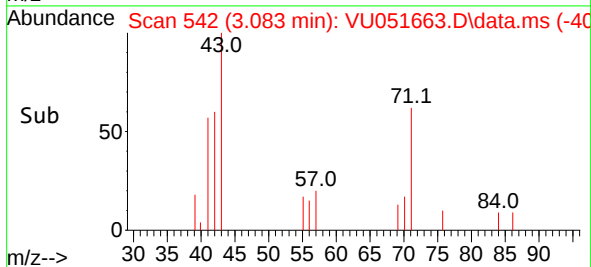
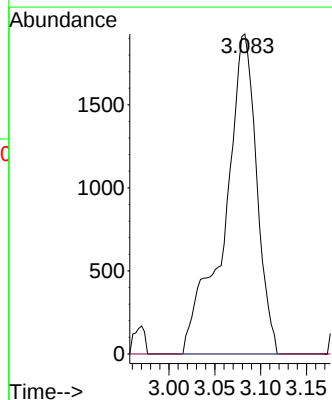
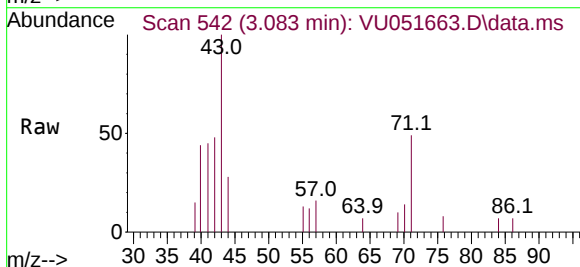
Instrument :
MSVOA_U
ClientSampleId :

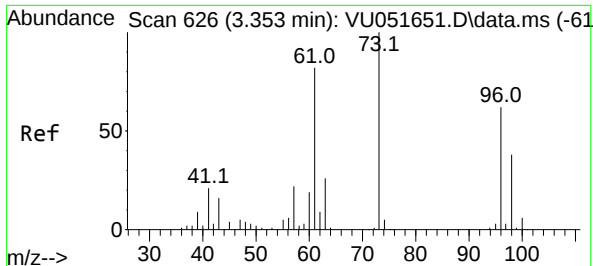
Tgt Ion:101 Resp: 952
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#



#15
Methyl Acetate
Concen: 0.672 ug/L
RT: 3.083 min Scan# 542
Delta R.T. 0.129 min
Lab File: VU051663.D
Acq: 01 Nov 2022 18:55

Tgt Ion: 43 Resp: 4698
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#

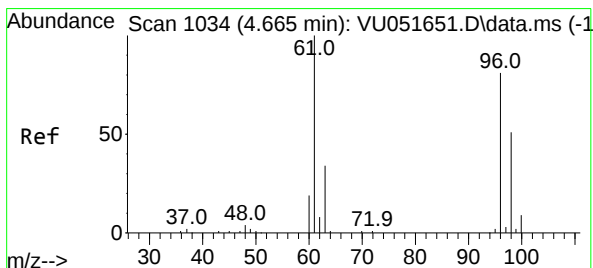
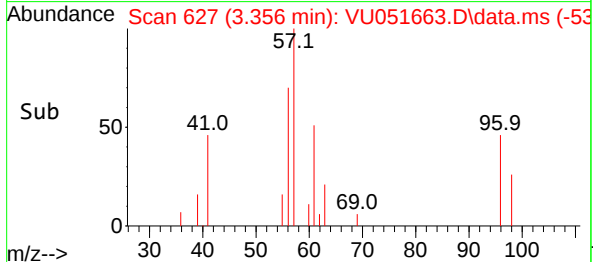
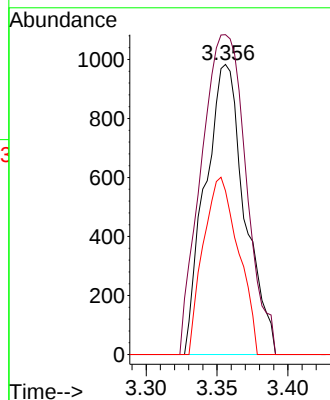
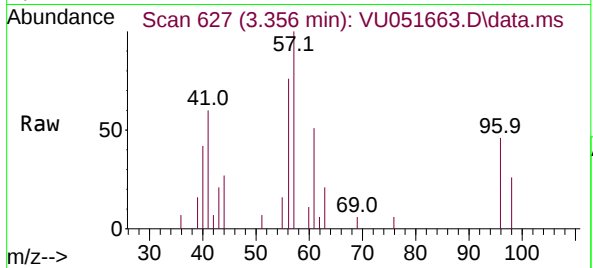




#18
trans-1,2-Dichloroethene
Concen: 0.106 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051663.D
Acq: 01 Nov 2022 18:55

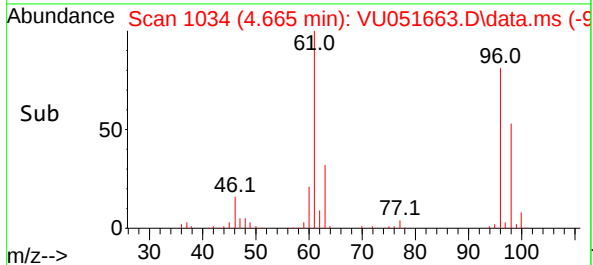
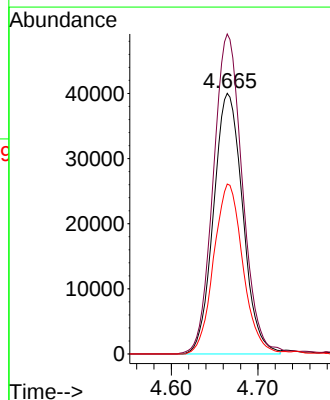
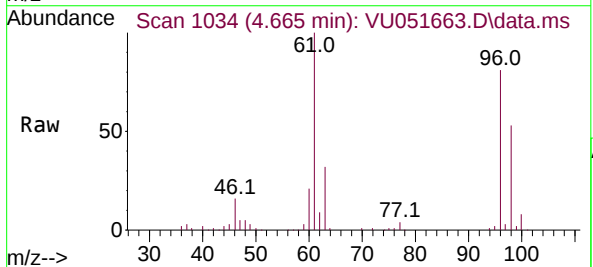
Instrument :
MSVOA_U
ClientSampleId :

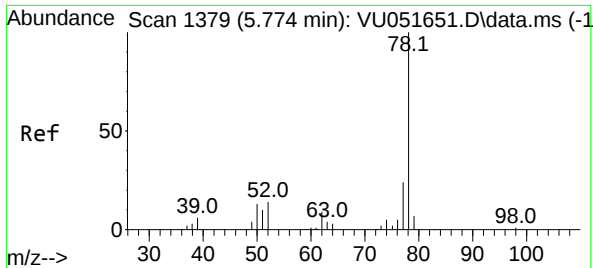
Tgt Ion: 96 Resp: 1911
Ion Ratio Lower Upper
96 100
61 110.3 94.7 175.9
98 56.5 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 4.707 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051663.D
Acq: 01 Nov 2022 18:55

Tgt Ion: 96 Resp: 93739
Ion Ratio Lower Upper
96 100
61 122.8 86.4 160.4
98 65.2 44.2 82.2

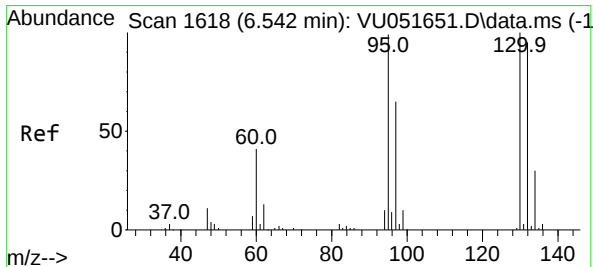
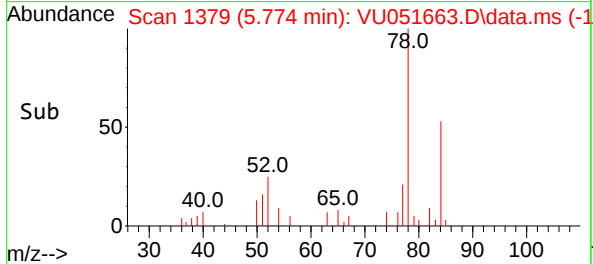
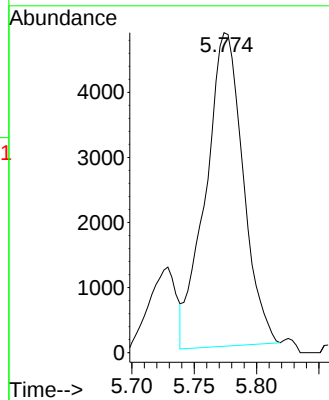
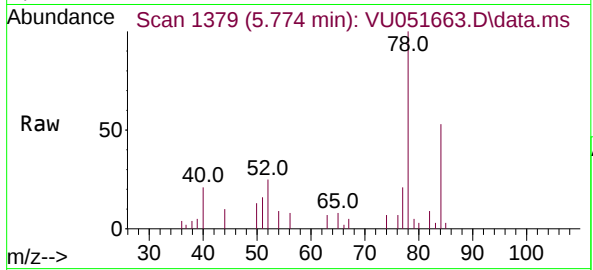




#33
Benzene
Concen: 0.126 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051663.D
Acq: 01 Nov 2022 18:55

Instrument :
MSVOA_U
ClientSampleId :

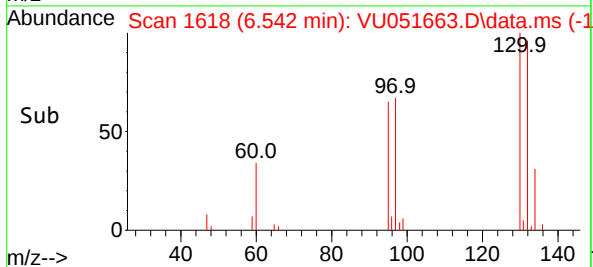
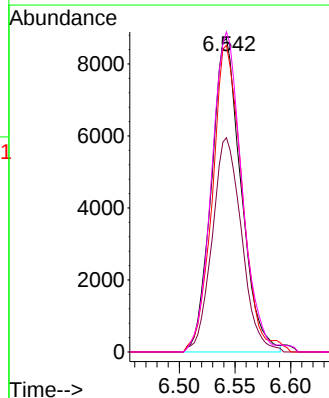
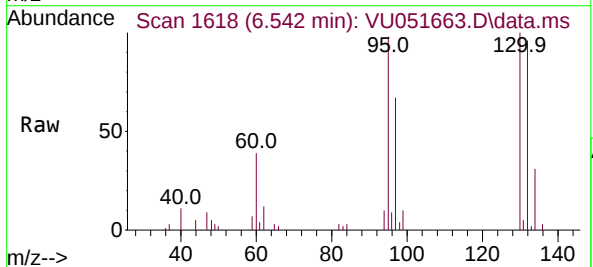
Tgt Ion: 78 Resp: 10053

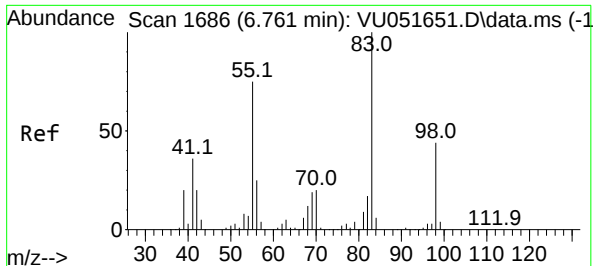


#34
Trichloroethene
Concen: 0.838 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU051663.D
Acq: 01 Nov 2022 18:55

Tgt Ion: 95 Resp: 16153

Ion	Ratio	Lower	Upper
95	100		
97	68.4	45.2	84.0
132	97.9	66.5	123.5
130	102.1	68.3	126.8

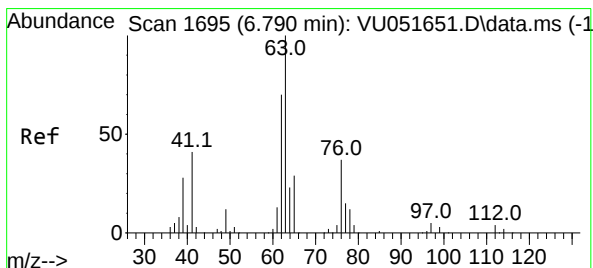
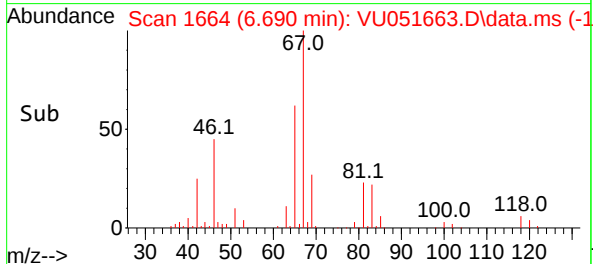
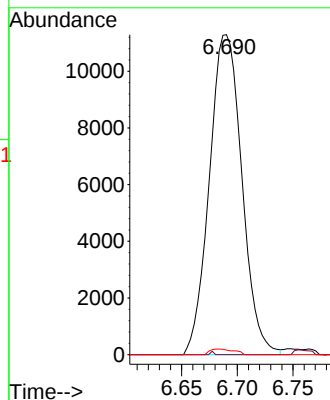
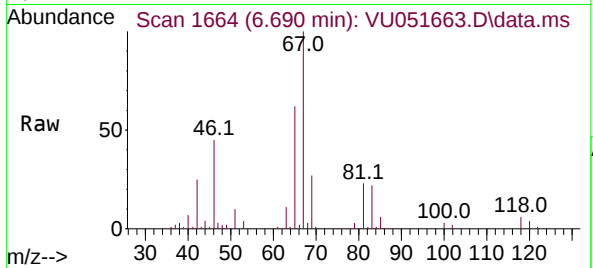




#35
Methylcyclohexane
Concen: 0.862 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051663.D
Acq: 01 Nov 2022 18:55

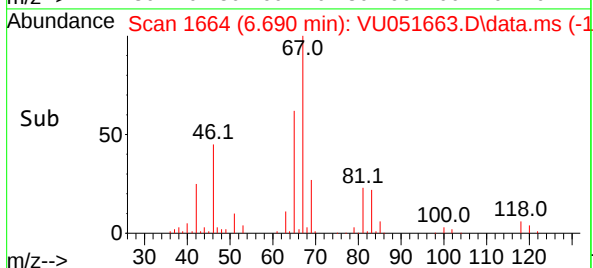
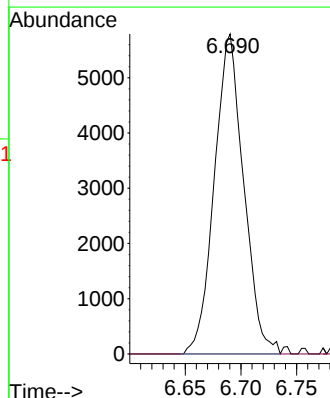
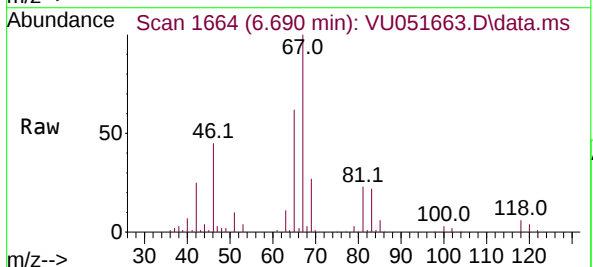
Instrument :
MSVOA_U
ClientSampleId :

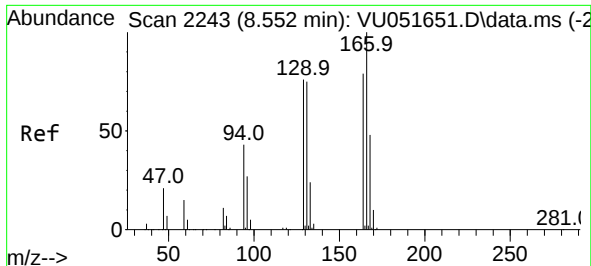
Tgt Ion: 83 Resp: 22962
Ion Ratio Lower Upper
83 100
55 0.1 60.6 90.8#
98 1.3 35.8 53.6#



#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051663.D
Acq: 01 Nov 2022 18:55

Tgt Ion: 63 Resp: 10594
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 0.777 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

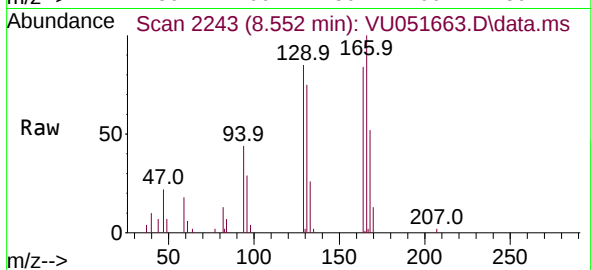
Lab File: VU051663.D

Acq: 01 Nov 2022 18:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 11472

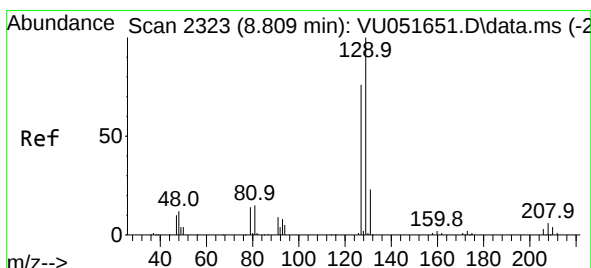
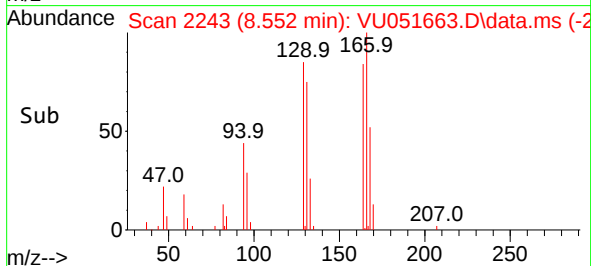
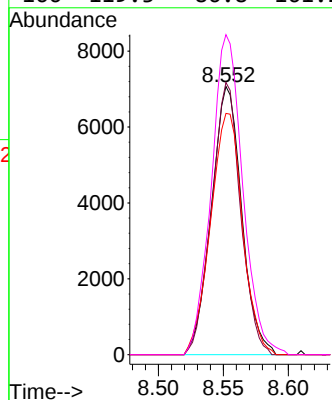
Ion Ratio Lower Upper

164 100

129 101.5 64.0 118.8

131 89.9 60.7 112.7

166 119.3 86.8 161.2



#49

Dibromochloromethane

Concen: 0.647 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU051663.D

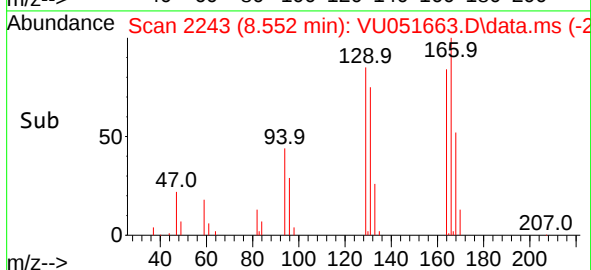
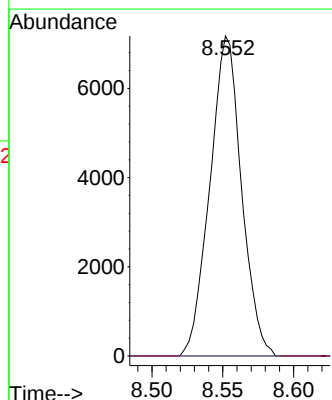
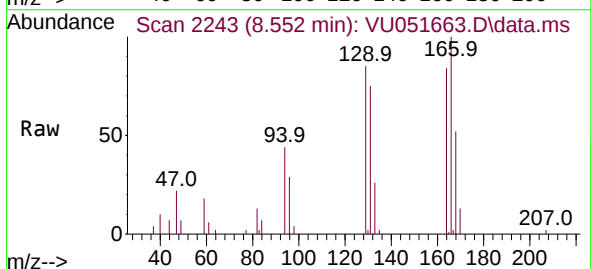
Acq: 01 Nov 2022 18:55

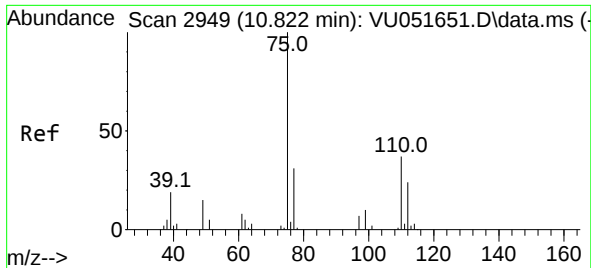
Tgt Ion:129 Resp: 11132

Ion Ratio Lower Upper

129 100

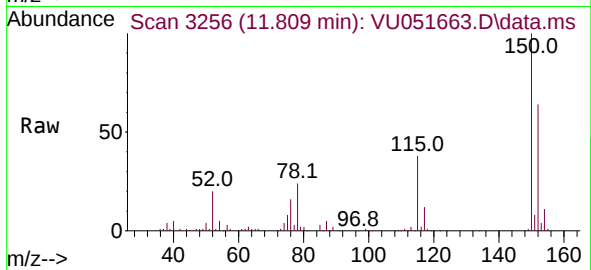
127 0.0 54.8 101.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.905 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051663.D
 Acq: 01 Nov 2022 18:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9906
 Ion Ratio Lower Upper
 75 100
 110 1.4 28.7 43.1#
 77 33.7 26.1 39.1

