

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051253.D
 Acq On : 08 Oct 2022 06:07
 Operator : JC/MD
 Sample : N4899-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5H56

Quant Time: Oct 08 06:28:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

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

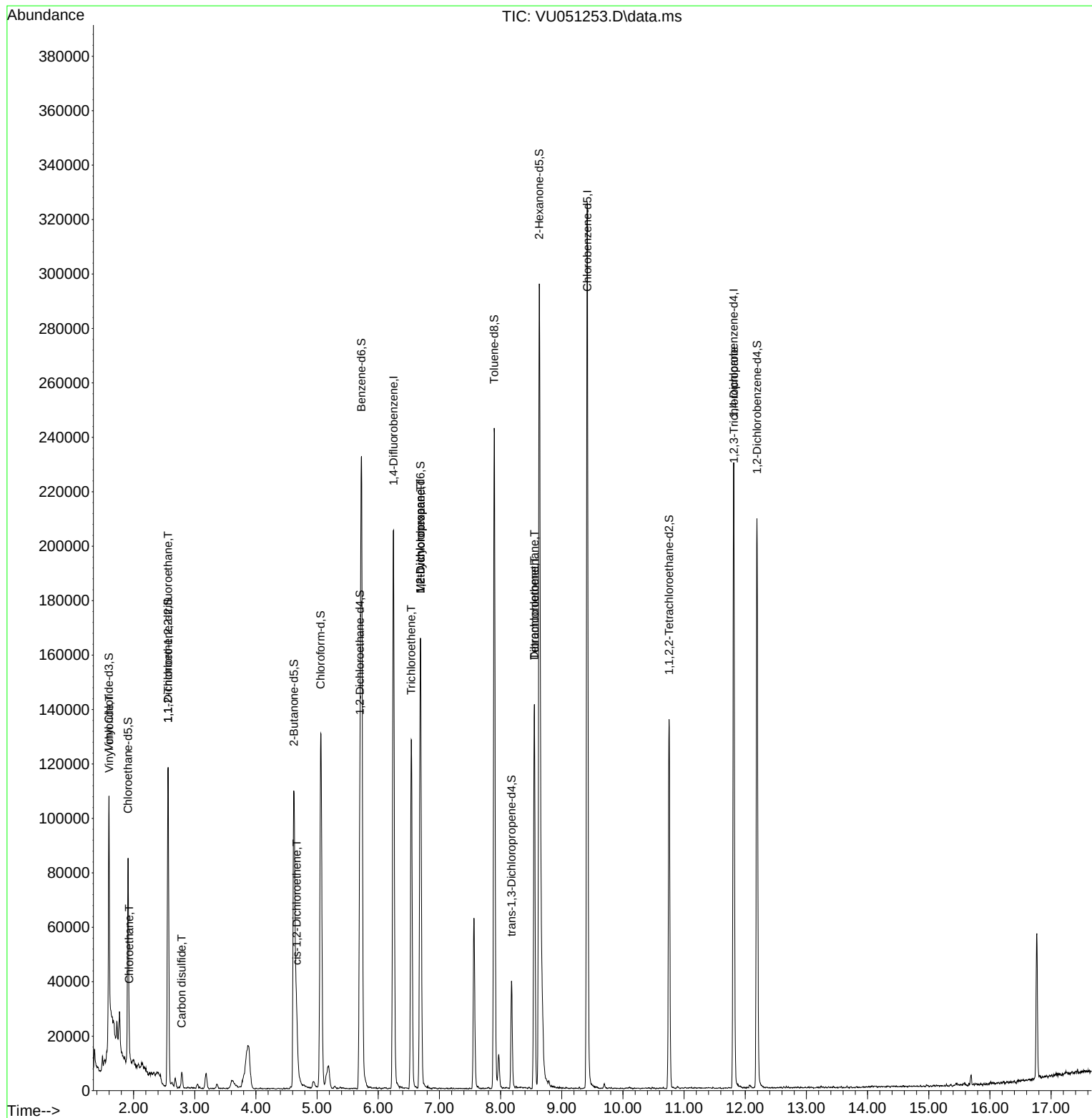
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	160415	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	181609	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61757	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56913	4.398	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.909	69	55628	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.565	65	21975	4.296	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.620	46	158323	55.573	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.140%
24) Chloroform-d	5.060	84	125385	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.700	65	67781	5.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.726	84	218987	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.690	67	81885	4.826	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.896	98	166334	3.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.179	79	22092	3.963	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.632	63	81816	43.548	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.100%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	70240	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	54908	5.115	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.600	62	1473	0.082	ug/L #	1
8) Chloroethane	1.928	64	2337	0.203	ug/L #	69
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	601	0.048	ug/L #	21
14) Carbon disulfide	2.787	76	7598	0.212	ug/L #	93
22) cis-1,2-Dichloroethene	4.668	96	8357	0.613	ug/L	93
34) Trichloroethene	6.539	95	43923	2.904	ug/L	96
35) Methylcyclohexane	6.690	83	18895	0.990	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	8041	0.484	ug/L #	88
47) Tetrachloroethene	8.552	164	30140	2.710	ug/L	97
49) Dibromochloromethane	8.552	129	30437	2.323	ug/L #	11
61) 1,2,3-Trichloropropane	11.815	75	7155	0.918	ug/L #	71

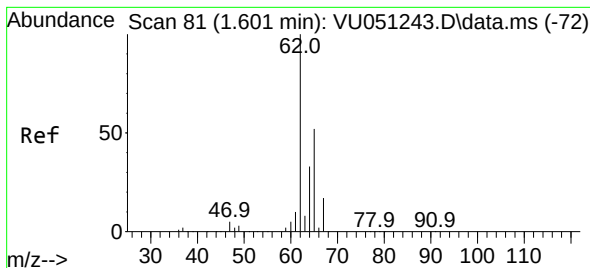
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.082 ug/L

RT: 1.600 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU051253.D

Acq: 08 Oct 2022 06:07

Instrument :

MSVOA_U

ClientSampleId :

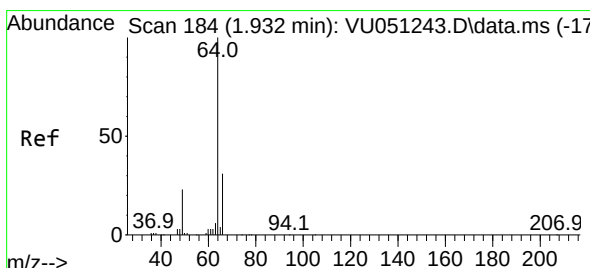
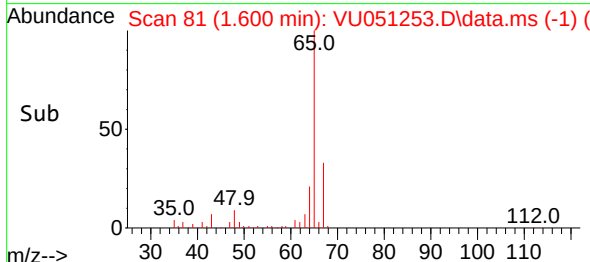
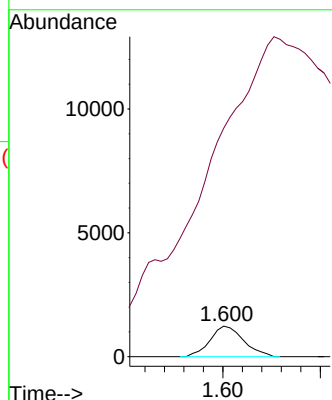
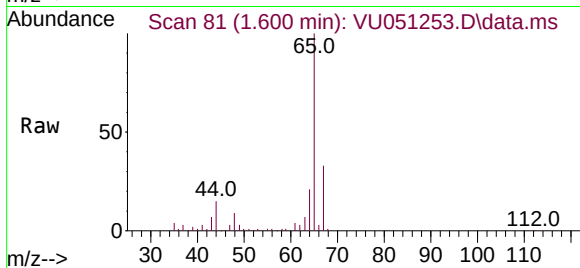
F5H56

Tgt Ion: 62 Resp: 1473

Ion Ratio Lower Upper

62 100

64 746.4 24.0 44.6#



#8

Chloroethane

Concen: 0.203 ug/L

RT: 1.928 min Scan# 183

Delta R.T. -0.003 min

Lab File: VU051253.D

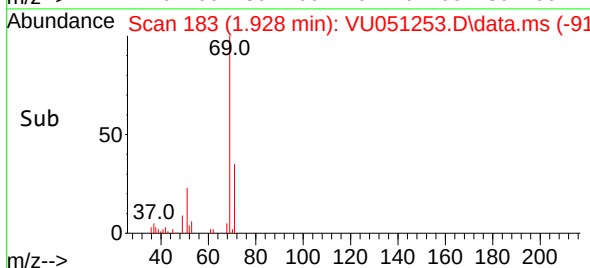
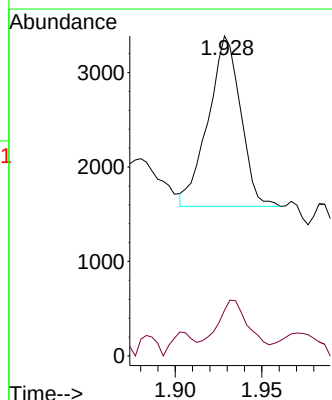
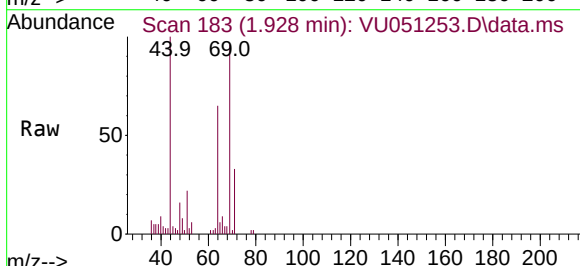
Acq: 08 Oct 2022 06:07

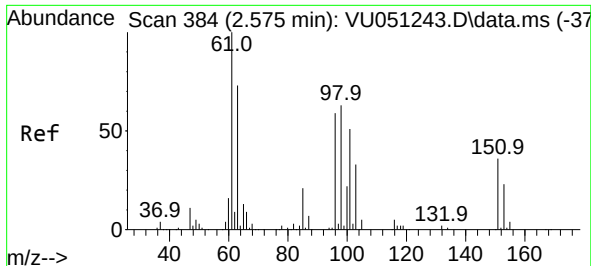
Tgt Ion: 64 Resp: 2337

Ion Ratio Lower Upper

64 100

66 14.3 22.3 41.3#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.048 ug/L

RT: 2.565 min Scan# 384

Delta R.T. -0.010 min

Lab File: VU051253.D

Acq: 08 Oct 2022 06:07

Instrument :

MSVOA_U

ClientSampleId :

F5H56

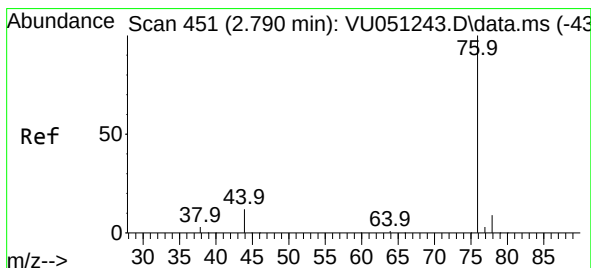
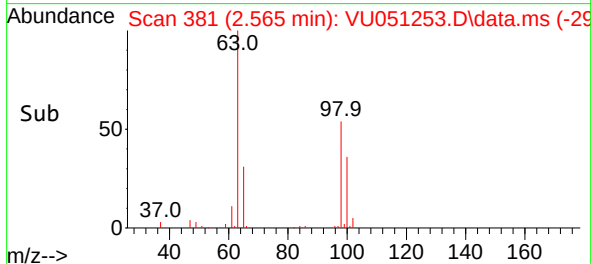
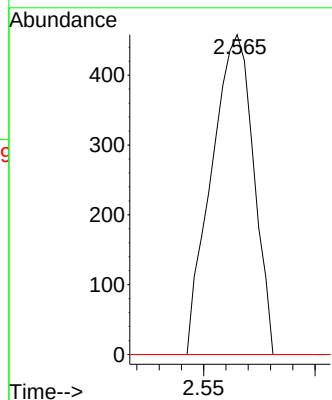
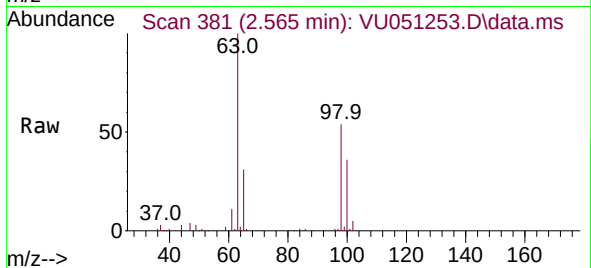
Tgt Ion:101 Resp: 601

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.5 84.7#



#14

Carbon disulfide

Concen: 0.212 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU051253.D

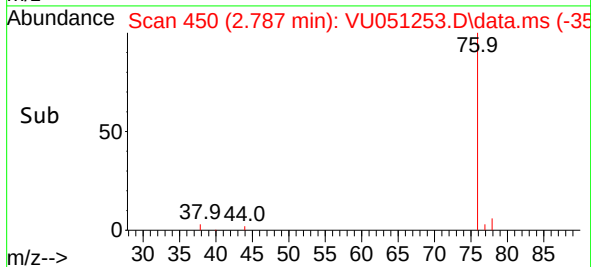
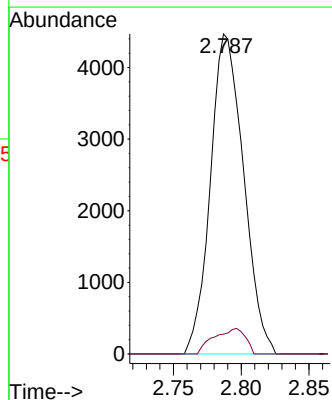
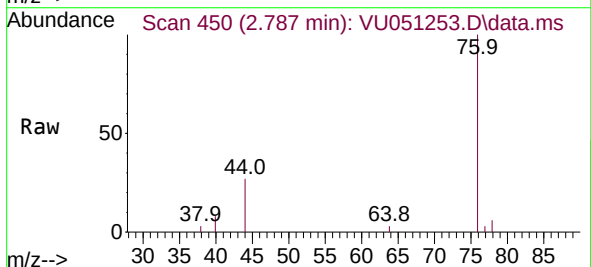
Acq: 08 Oct 2022 06:07

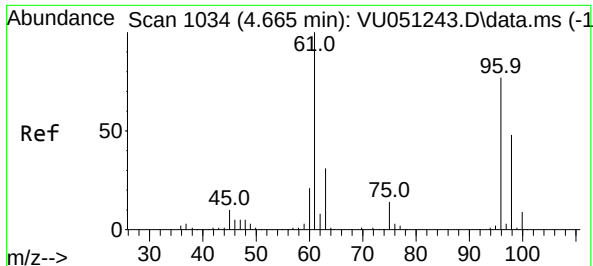
Tgt Ion: 76 Resp: 7598

Ion Ratio Lower Upper

76 100

78 6.2 7.0 10.4#

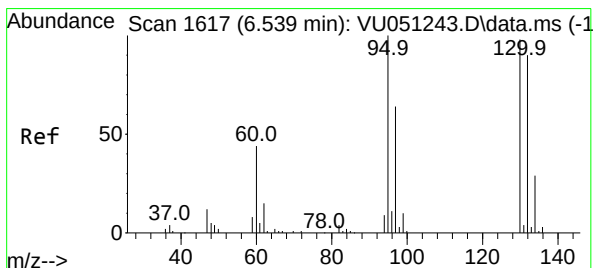
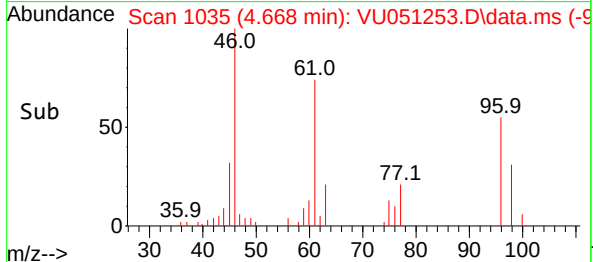
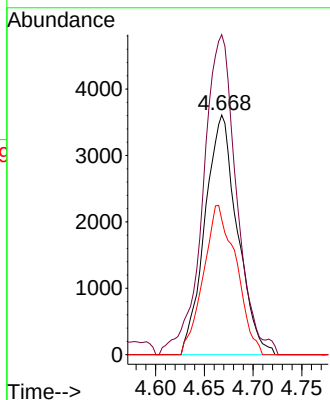
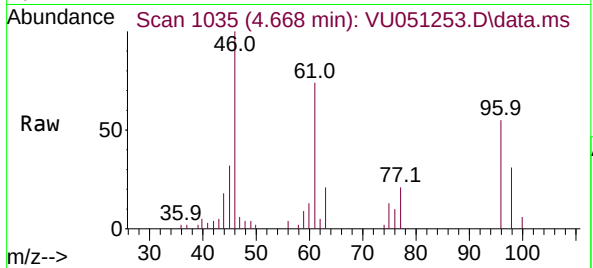




#22
 cis-1,2-Dichloroethene
 Concen: 0.613 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VU051253.D
 Acq: 08 Oct 2022 06:07

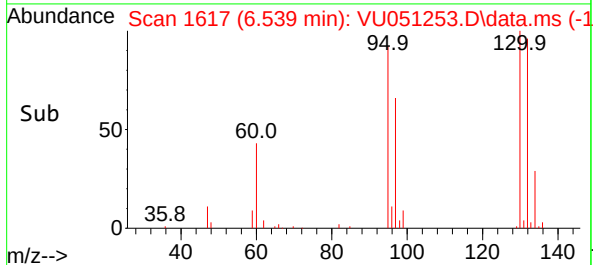
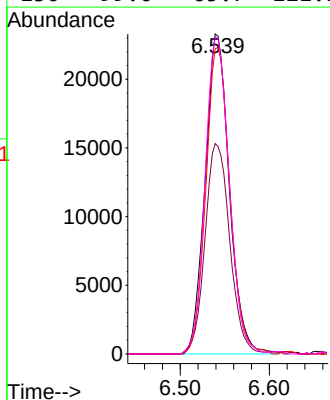
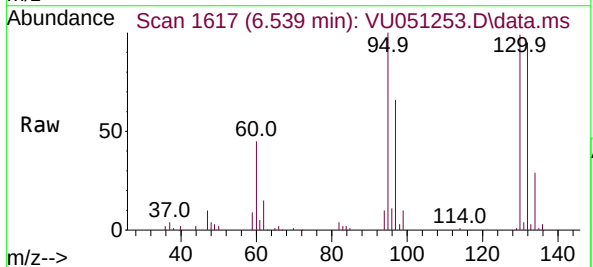
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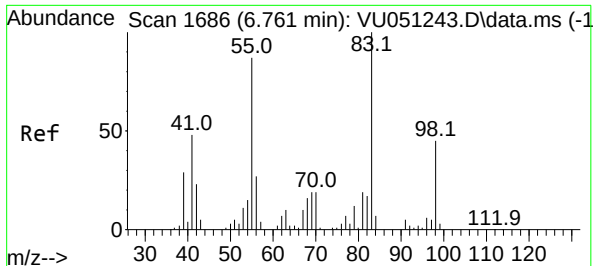
Tgt Ion: 96 Resp: 8357
 Ion Ratio Lower Upper
 96 100
 61 133.5 90.6 168.2
 98 56.4 47.5 88.3



#34
 Trichloroethene
 Concen: 2.904 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VU051253.D
 Acq: 08 Oct 2022 06:07

Tgt Ion: 95 Resp: 43923
 Ion Ratio Lower Upper
 95 100
 97 65.7 45.4 84.2
 132 95.3 63.1 117.3
 130 99.0 65.7 121.9

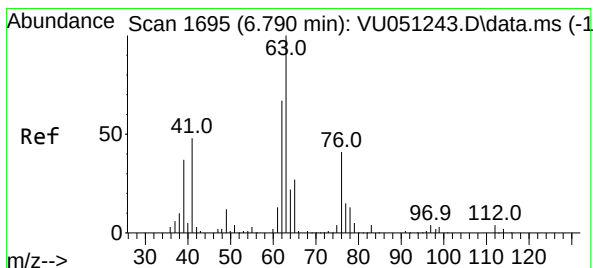
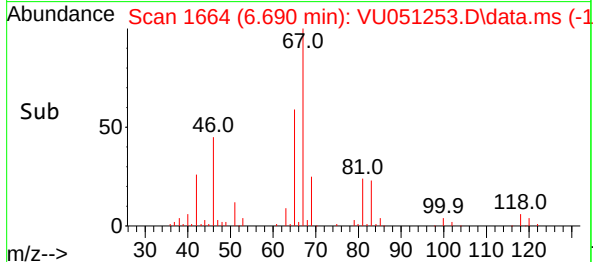
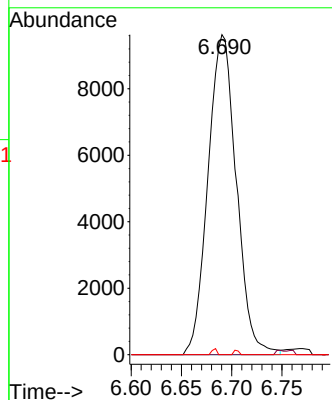
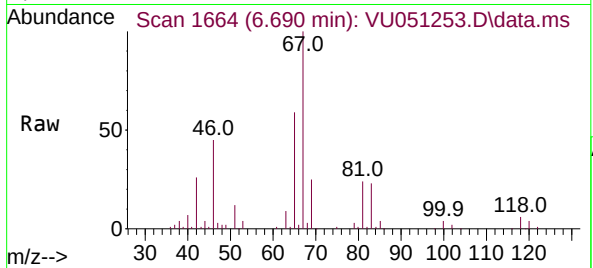




#35
Methylcyclohexane
Concen: 0.990 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051253.D
Acq: 08 Oct 2022 06:07

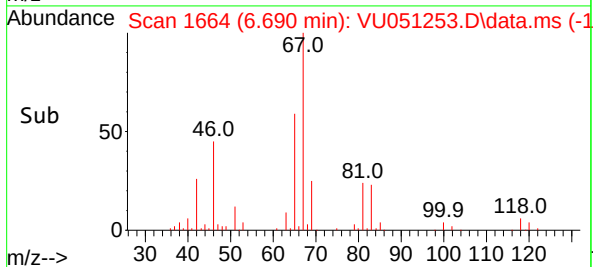
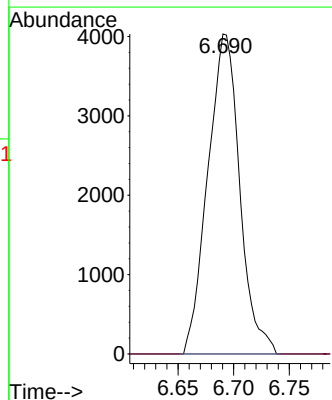
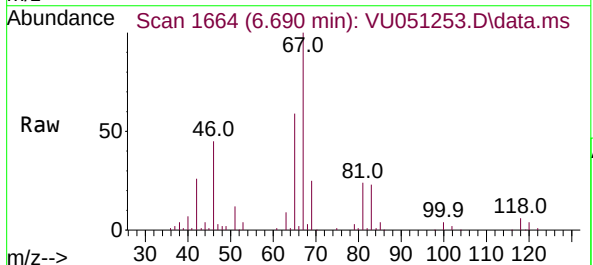
Instrument :
MSVOA_U
ClientSampleId :
F5H56

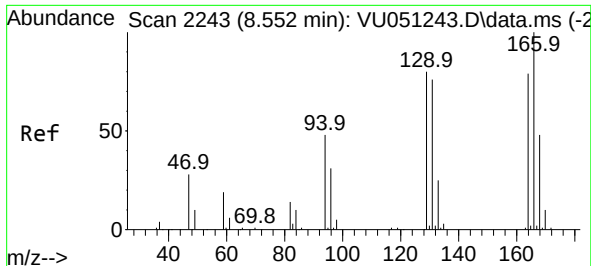
Tgt Ion: 83 Resp: 18895
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.6#
98 0.3 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.484 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051253.D
Acq: 08 Oct 2022 06:07

Tgt Ion: 63 Resp: 8041
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 2.710 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051253.D

Acq: 08 Oct 2022 06:07

Instrument :

MSVOA_U

ClientSampleId :

F5H56

Tgt Ion:164 Resp: 30140

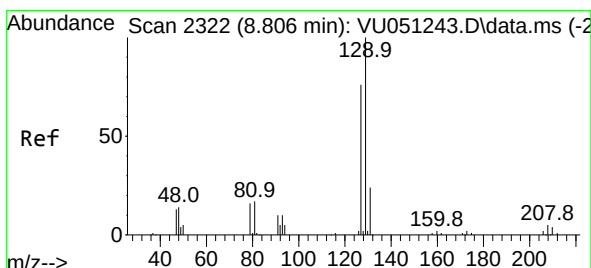
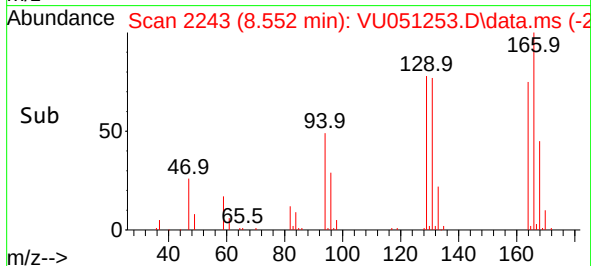
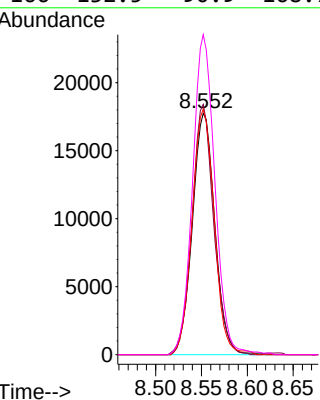
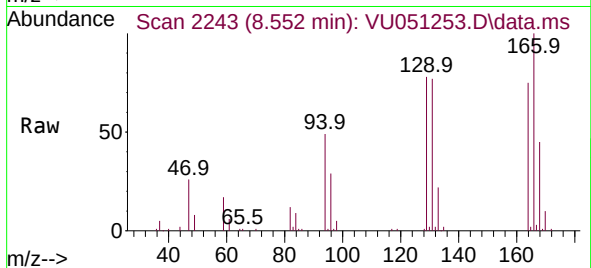
Ion Ratio Lower Upper

164 100

129 103.7 71.3 132.3

131 101.7 66.9 124.3

166 132.5 90.9 168.7



#49

Dibromochloromethane

Concen: 2.323 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.254 min

Lab File: VU051253.D

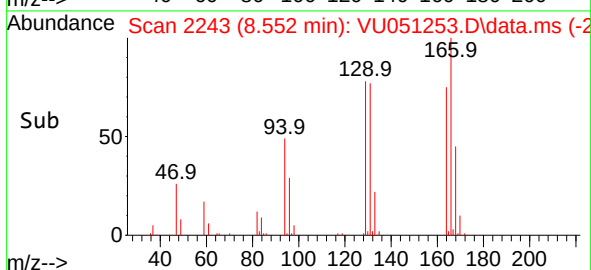
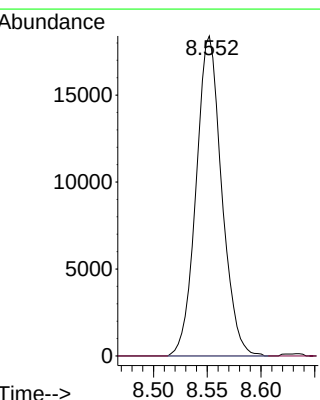
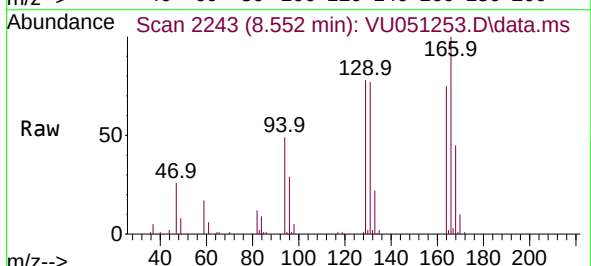
Acq: 08 Oct 2022 06:07

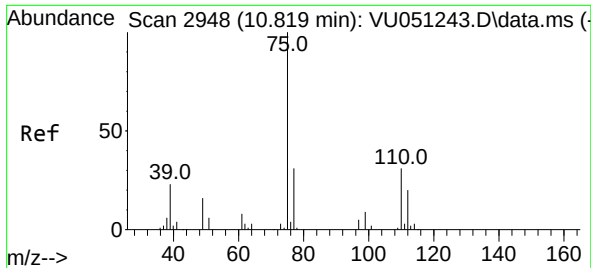
Tgt Ion:129 Resp: 30437

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#





#61
 1,2,3-Trichloropropane
 Concen: 0.918 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.997 min
 Lab File: VU051253.D
 Acq: 08 Oct 2022 06:07

Instrument :
 MSVOA_U
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 F5H56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.5	27.0	40.6#
77	33.9	26.4	39.6

