

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110822\
 Data File : VU051783.D
 Acq On : 08 Nov 2022 14:53
 Operator : JC/MD
 Sample : N5493-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA5

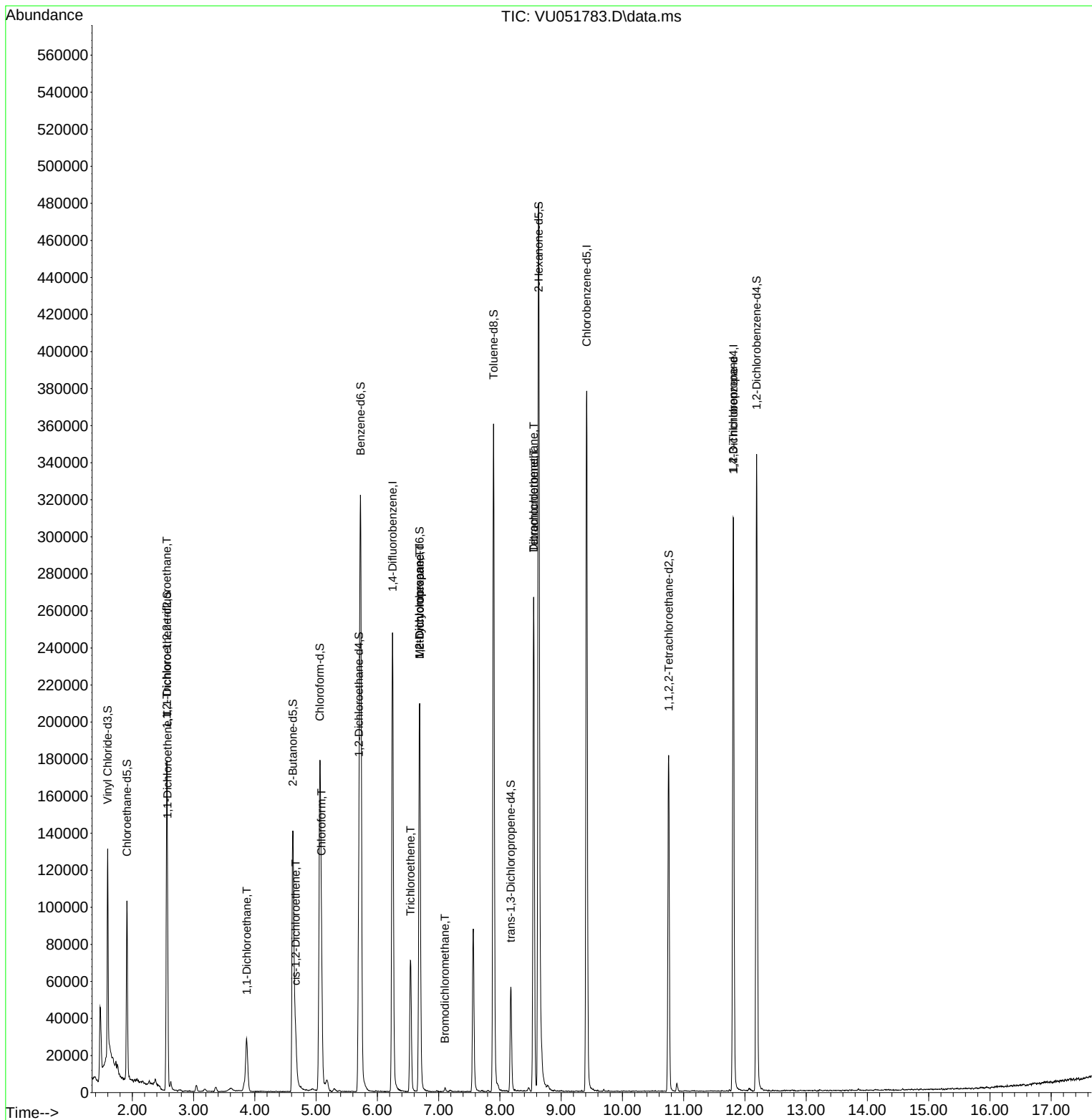
Quant Time: Nov 09 00:01:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 08 23:59:15 2022
 Response via : Initial Calibration

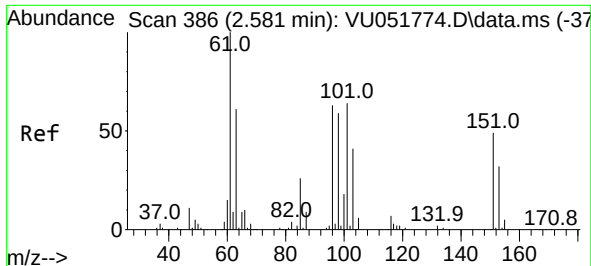
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	208146	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	221432	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	87995	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78901	5.033	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.600%
7) Chloroethane-d5	1.913	69	73119	4.472	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.565	65	31722	5.576	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.600%
20) 2-Butanone-d5	4.620	46	206975	36.456	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.920%
24) Chloroform-d	5.060	84	162713	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.700	65	85440	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.726	84	318198	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.690	67	106548	4.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.896	98	254946	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.179	79	32873	4.400	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.633	63	165171	36.725	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.440%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	95118	4.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	95725	5.927	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	942	0.053	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	4359	0.241	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	28510	0.796	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	10462	0.487	ug/L	98
25) Chloroform	5.086	83	55674	1.498	ug/L	99
34) Trichloroethene	6.543	95	25845	1.226	ug/L	98
35) Methylcyclohexane	6.690	83	23868	0.819	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10919	0.486	ug/L #	90
38) Bromodichloromethane	7.102	83	1466	0.053	ug/L #	70
47) Tetrachloroethene	8.552	164	60350	3.737	ug/L	90
49) Dibromochloromethane	8.552	129	57099	3.035	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	10339	0.909	ug/L #	68

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

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QLast Update : Tue Nov 08 23:59:15 2022
Response via : Initial Calibration

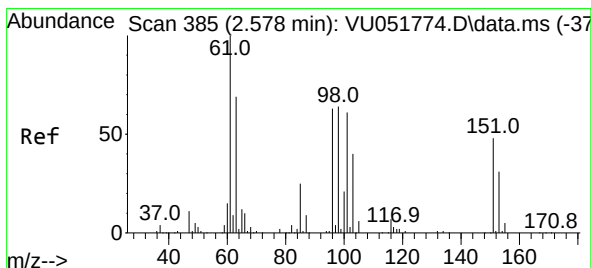
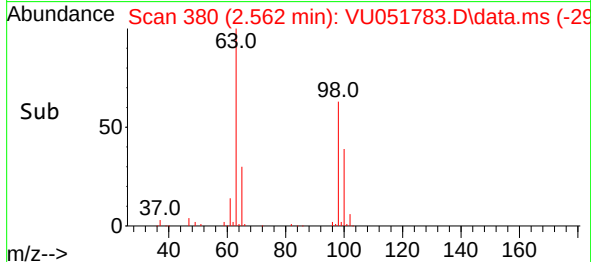
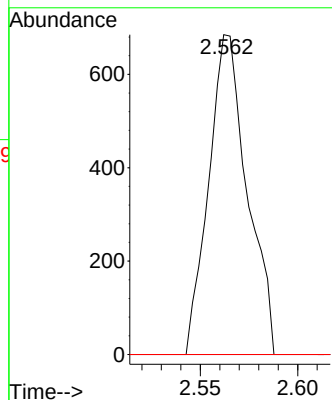
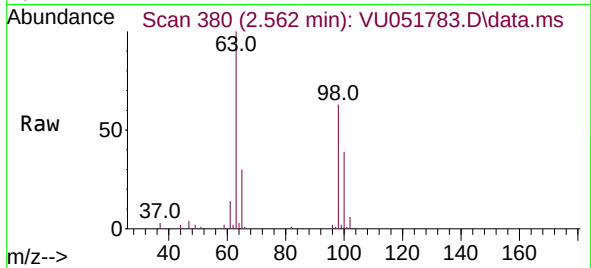




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.019 min
Lab File: VU051783.D
Acq: 08 Nov 2022 14:53

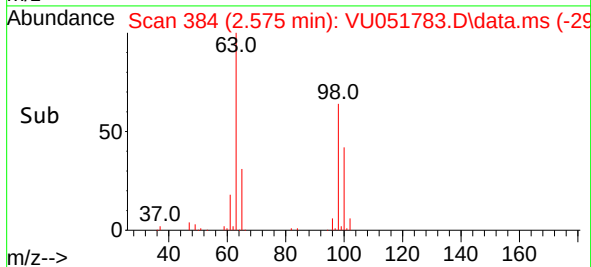
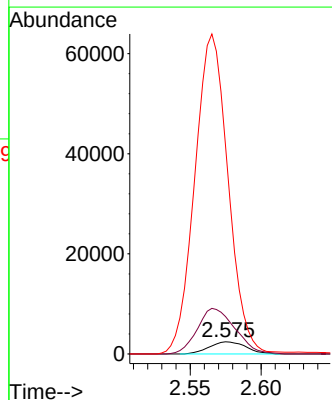
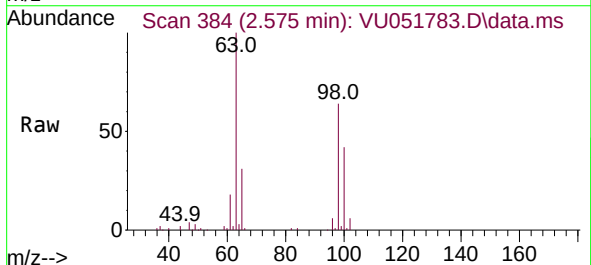
Instrument :
MSVOA_U
ClientSampleId :
H0AA5

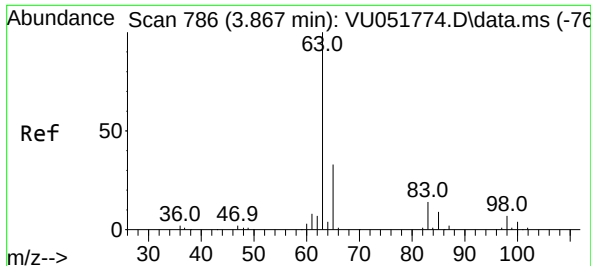
Tgt Ion:101 Resp: 942
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#



#12
1,1-Dichloroethene
Concen: 0.241 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU051783.D
Acq: 08 Nov 2022 14:53

Tgt Ion: 96 Resp: 4359
Ion Ratio Lower Upper
96 100
61 305.6 108.8 202.0#
63 1706.7 64.9 120.5#





#19

1,1-Dichloroethane

Concen: 0.796 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU051783.D

Acq: 08 Nov 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

H0AA5

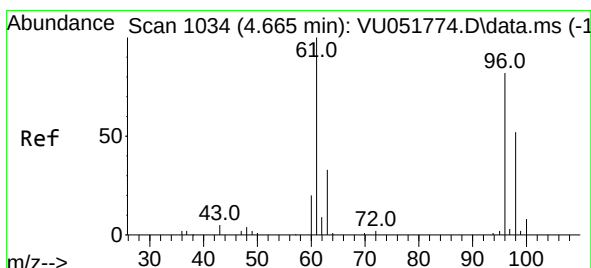
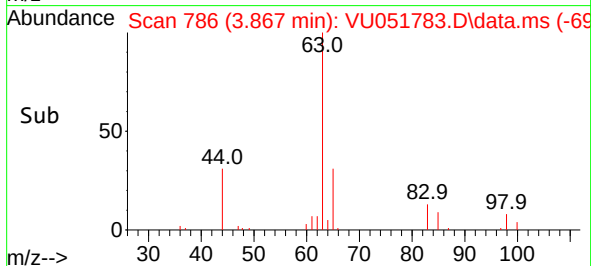
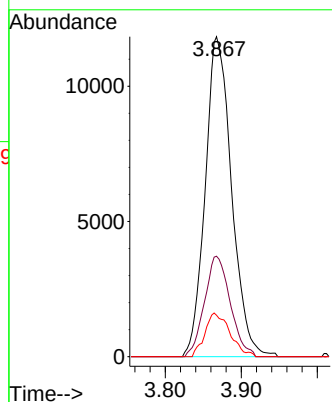
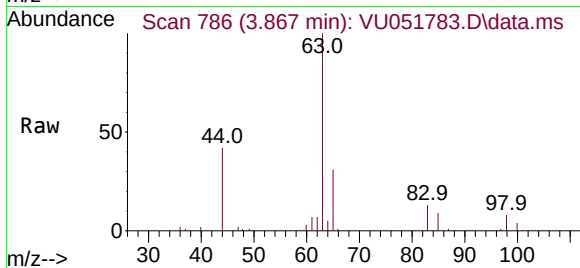
Tgt Ion: 63 Resp: 28510

Ion Ratio Lower Upper

63 100

65 31.4 22.7 42.1

83 13.0 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 0.487 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051783.D

Acq: 08 Nov 2022 14:53

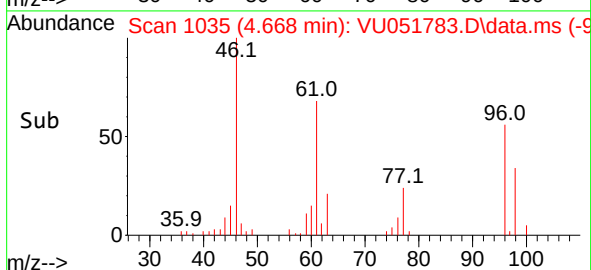
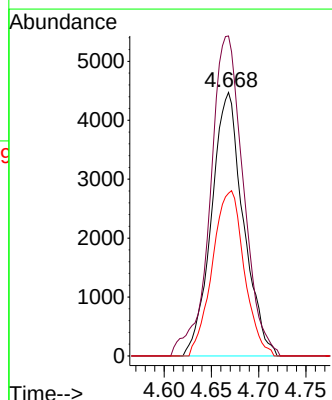
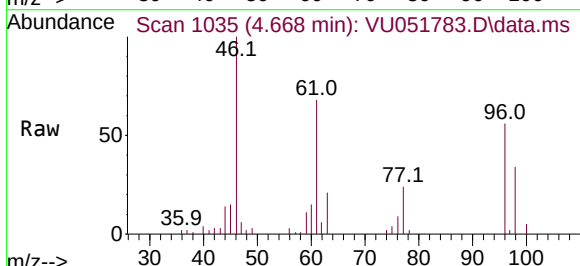
Tgt Ion: 96 Resp: 10462

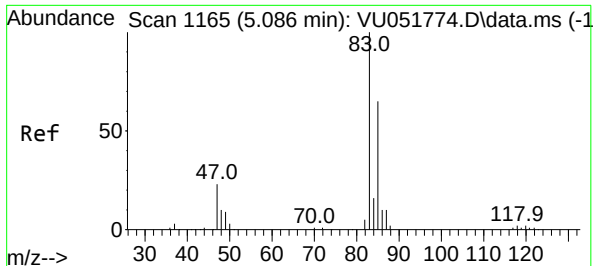
Ion Ratio Lower Upper

96 100

61 121.4 86.4 160.4

98 61.7 44.2 82.2





#25

Chloroform

Concen: 1.498 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051783.D

Acq: 08 Nov 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

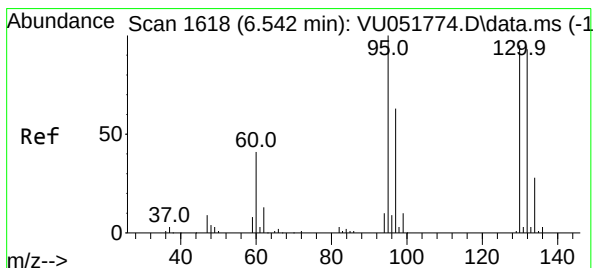
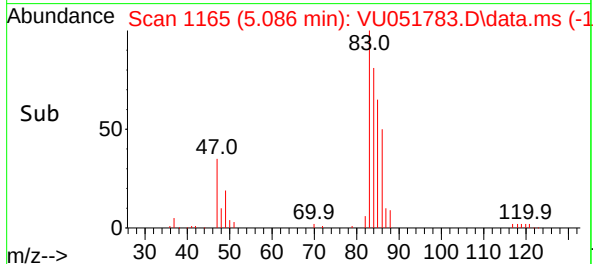
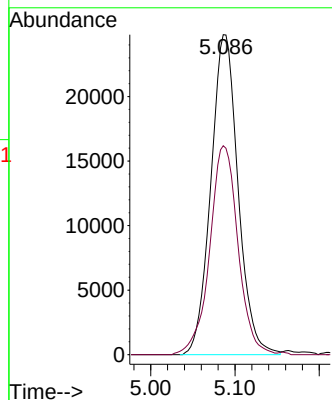
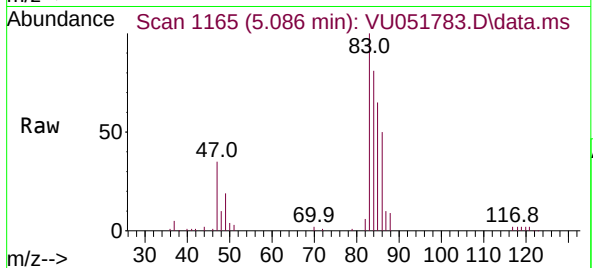
H0AA5

Tgt Ion: 83 Resp: 55674

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0



#34

Trichloroethene

Concen: 1.226 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU051783.D

Acq: 08 Nov 2022 14:53

Tgt Ion: 95 Resp: 25845

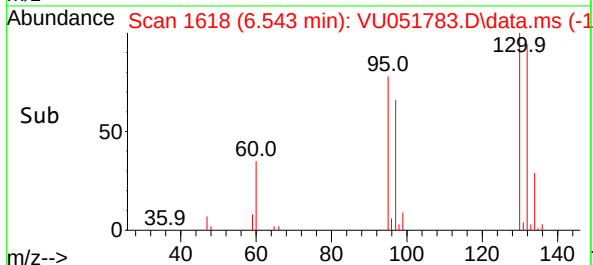
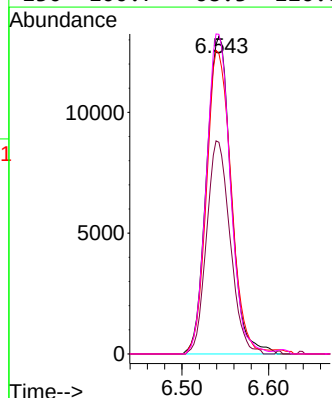
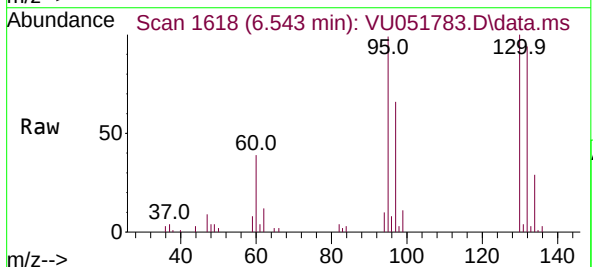
Ion Ratio Lower Upper

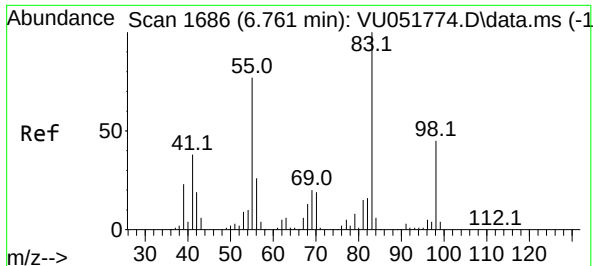
95 100

97 66.6 45.2 84.0

132 94.6 66.5 123.5

130 100.7 68.3 126.8

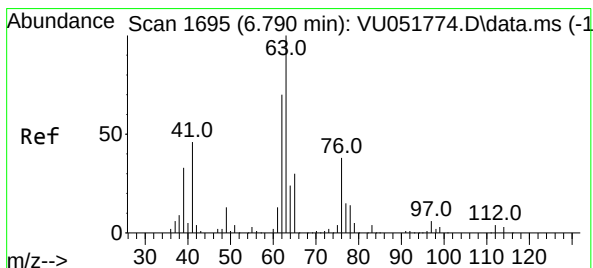
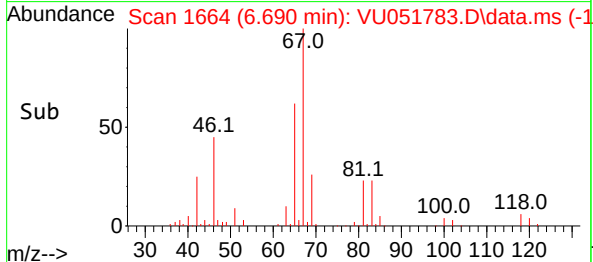
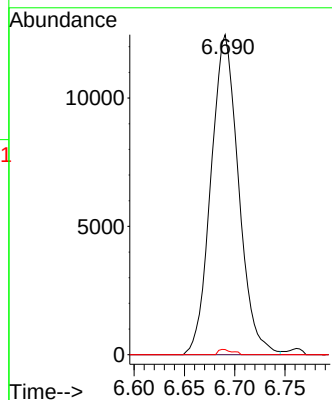
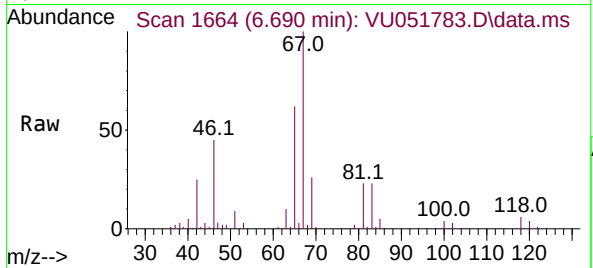




#35
Methylcyclohexane
Concen: 0.819 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051783.D
Acq: 08 Nov 2022 14:53

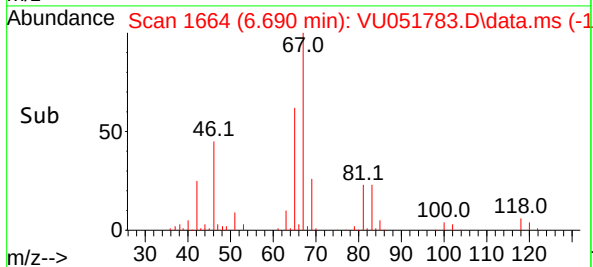
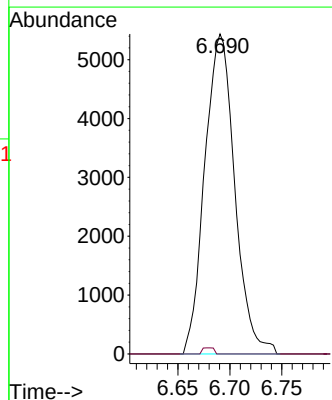
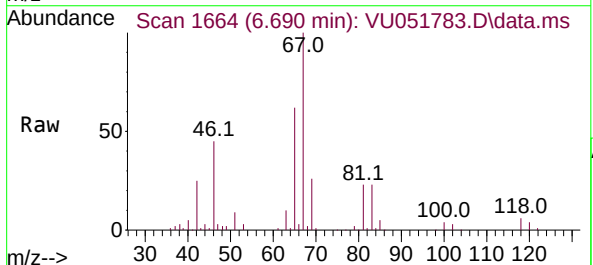
Instrument :
MSVOA_U
ClientSampleId :
H0AA5

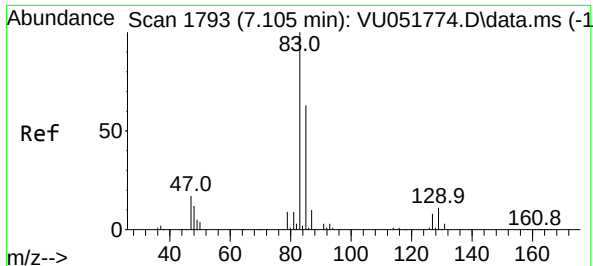
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.6	90.8#
98	0.8	35.8	53.6#



#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051783.D
Acq: 08 Nov 2022 14:53

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.3	4.9#

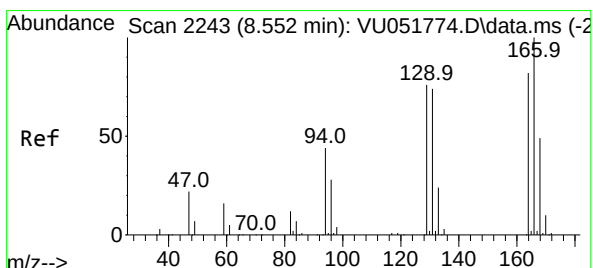
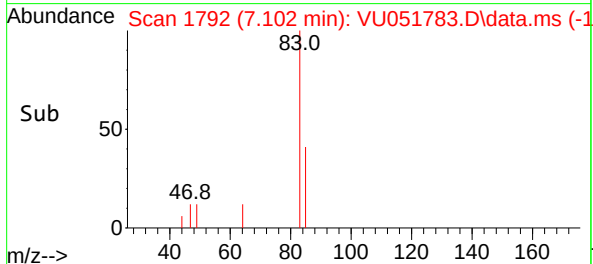
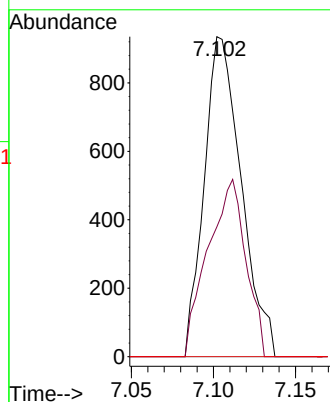
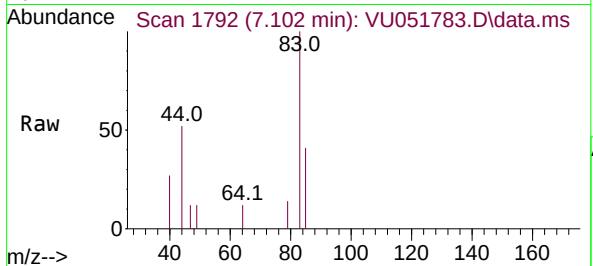




#38
Bromodichloromethane
Concen: 0.053 ug/L
RT: 7.102 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051783.D
Acq: 08 Nov 2022 14:53

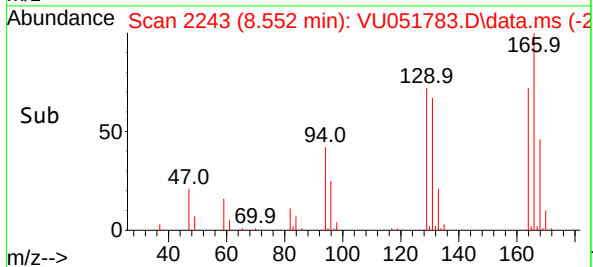
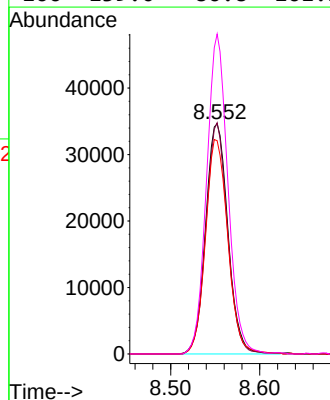
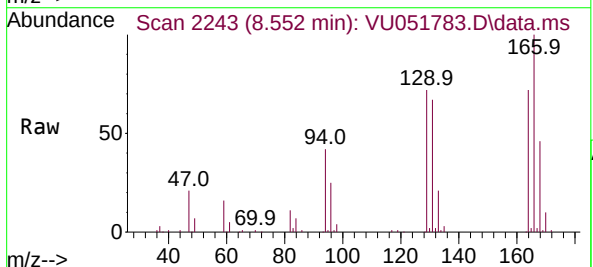
Instrument :
MSVOA_U
ClientSampleId :
H0AA5

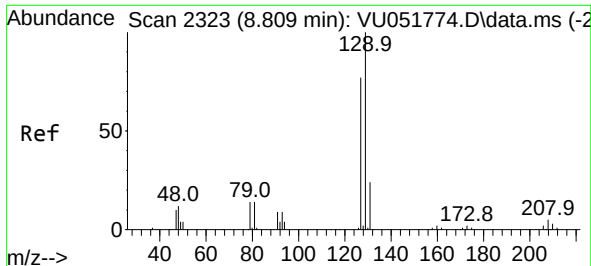
Tgt Ion: 83 Resp: 1466
Ion Ratio Lower Upper
83 100
85 40.5 45.1 83.7#
127 0.0 6.6 9.8#



#47
Tetrachloroethene
Concen: 3.737 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051783.D
Acq: 08 Nov 2022 14:53

Tgt Ion: 164 Resp: 60350
Ion Ratio Lower Upper
164 100
129 100.4 64.0 118.8
131 92.6 60.7 112.7
166 139.0 86.8 161.2





#49

Dibromochloromethane

Concen: 3.035 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU051783.D

Acq: 08 Nov 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

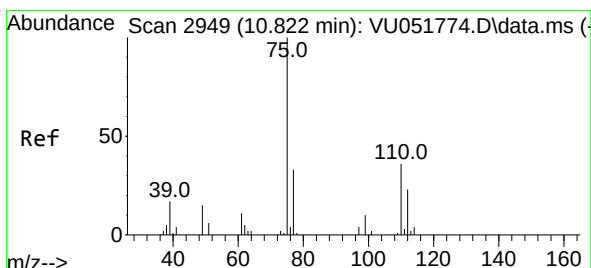
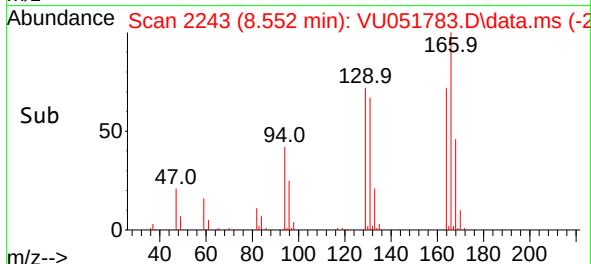
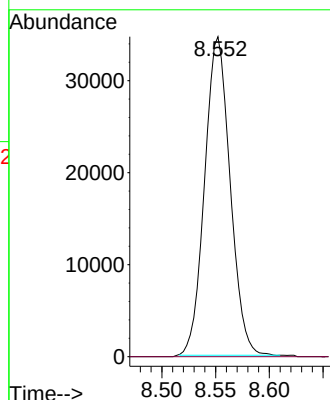
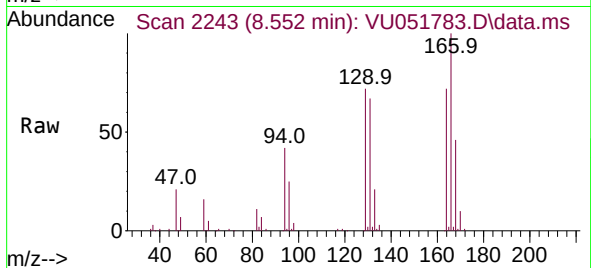
H0AA5

Tgt Ion:129 Resp: 57099

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



#61

1,2,3-Trichloropropane

Concen: 0.909 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051783.D

Acq: 08 Nov 2022 14:53

Tgt Ion: 75 Resp: 10339

Ion Ratio Lower Upper

75 100

110 0.7 28.7 43.1#

77 31.7 26.1 39.1

