

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110822\
 Data File : VU051780.D
 Acq On : 08 Nov 2022 13:37
 Operator : JC/MD
 Sample : N5493-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA0

Quant Time: Nov 09 00:01:08 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)

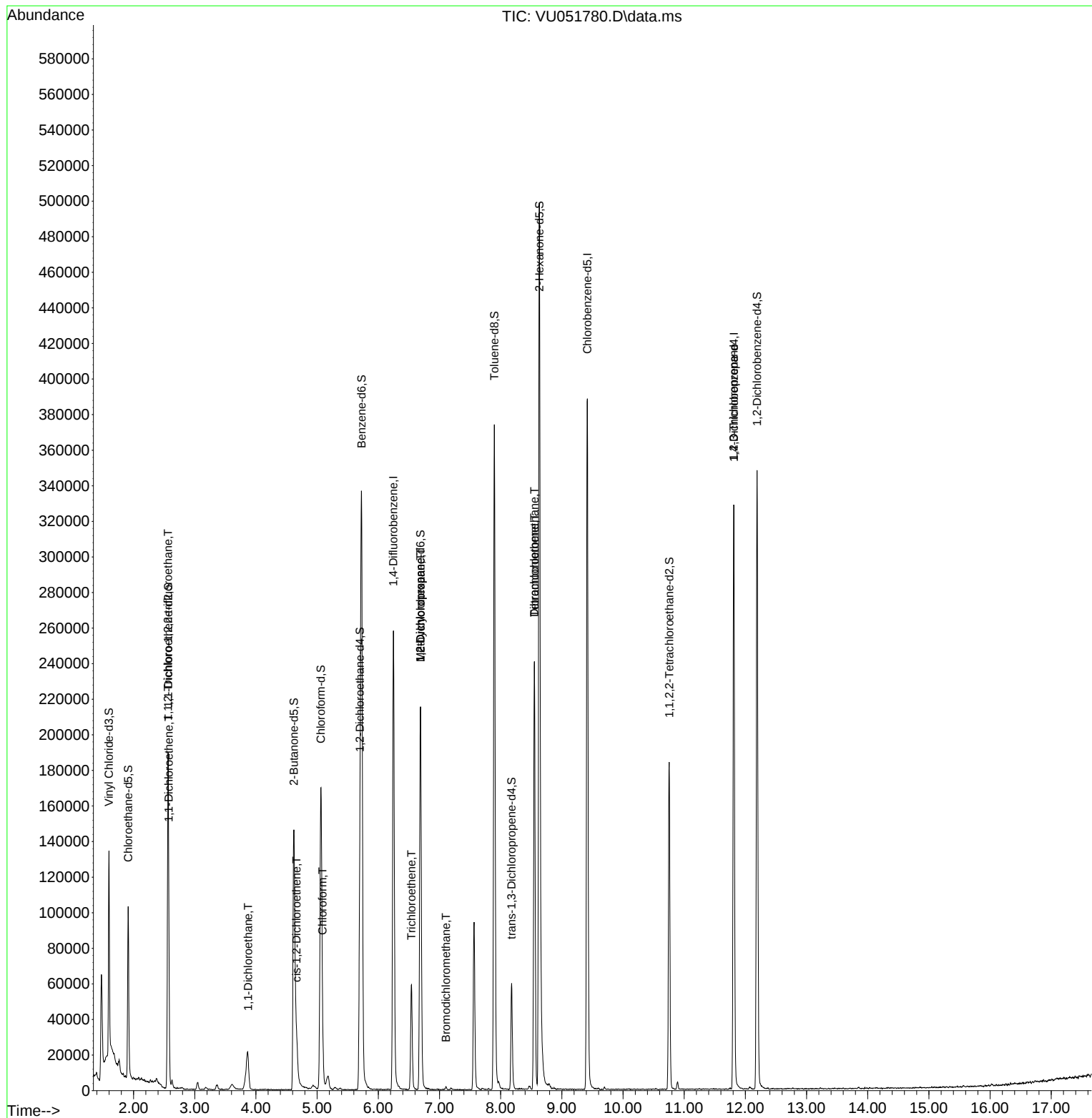
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	213246	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	228467	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82588	5.142	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.800%
7) Chloroethane-d5	1.912	69	74352	4.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.565	65	34072	5.845	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.000%
20) 2-Butanone-d5	4.620	46	210457	36.183	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.360%
24) Chloroform-d	5.060	84	161109	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.700	65	87019	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.726	84	331775	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.690	67	110202	4.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.896	98	266279	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.179	79	35392	4.591	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.632	63	171023	36.855	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.720%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	94541	4.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	99411	5.766	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	859	0.047	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	4527	0.244	ug/L #	1
19) 1,1-Dichloroethane	3.871	63	14951	0.407	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	9210	0.418	ug/L	95
25) Chloroform	5.086	83	18756	0.493	ug/L	99
34) Trichloroethene	6.543	95	20234	0.930	ug/L	95
35) Methylcyclohexane	6.690	83	25175	0.837	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	11267	0.486	ug/L #	88
38) Bromodichloromethane	7.105	83	1359	0.048	ug/L #	95
47) Tetrachloroethene	8.552	164	54864	3.292	ug/L	95
49) Dibromochloromethane	8.552	129	52955	2.728	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	10859	0.894	ug/L #	68

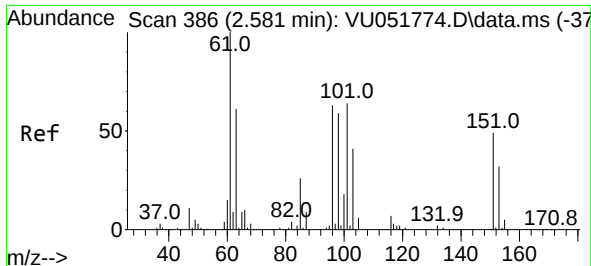
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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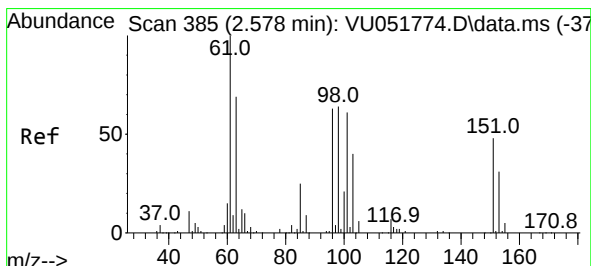
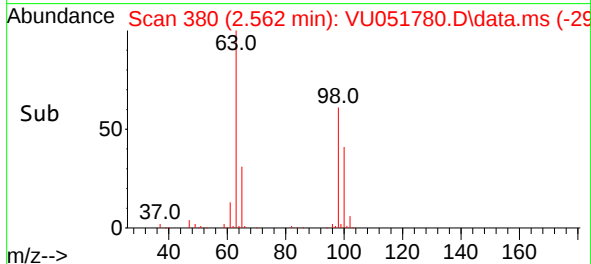
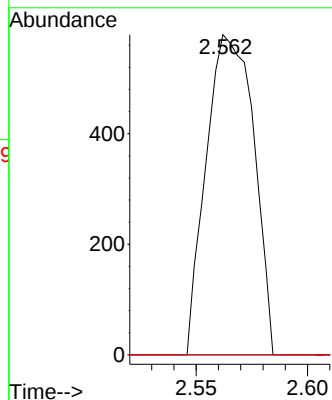
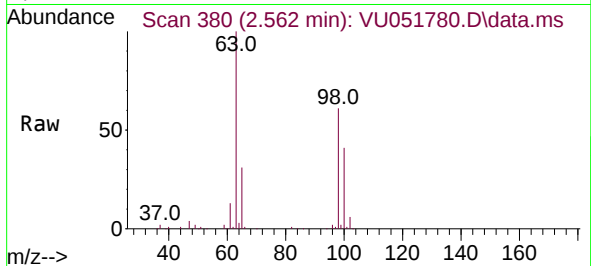




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.047 ug/L
RT: 2.562 min Scan# 386
Delta R.T. -0.019 min
Lab File: VU051780.D
Acq: 08 Nov 2022 13:37

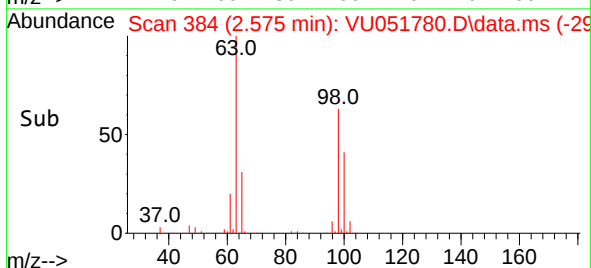
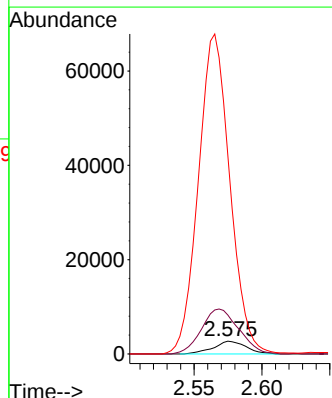
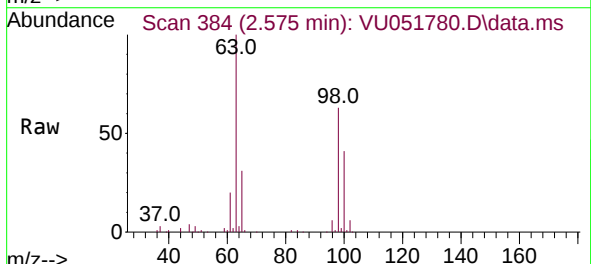
Instrument :
MSVOA_U
ClientSampleId :
H0AA0

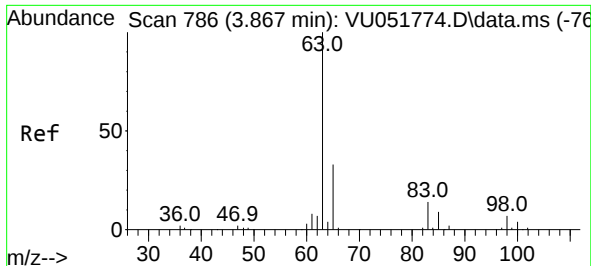
Tgt Ion:101 Resp: 859
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#



#12
1,1-Dichloroethene
Concen: 0.244 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU051780.D
Acq: 08 Nov 2022 13:37

Tgt Ion: 96 Resp: 4527
Ion Ratio Lower Upper
96 100
61 303.2 108.8 202.0#
63 1541.0 64.9 120.5#





#19

1,1-Dichloroethane

Concen: 0.407 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU051780.D

Acq: 08 Nov 2022 13:37

Instrument :

MSVOA_U

ClientSampleId :

H0AA0

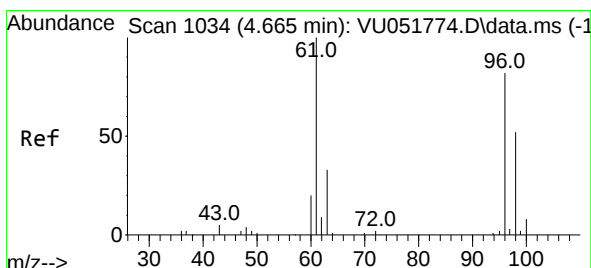
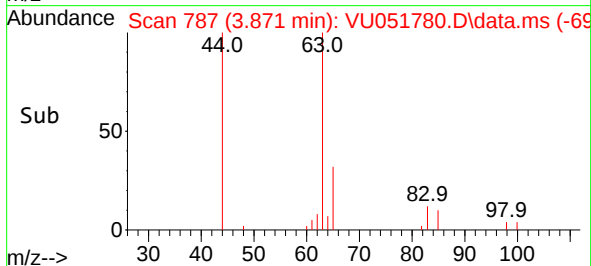
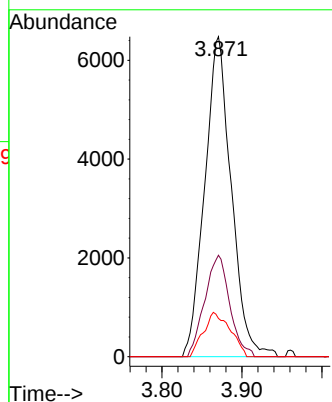
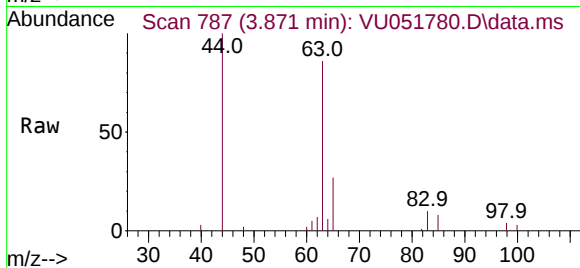
Tgt Ion: 63 Resp: 14951

Ion Ratio Lower Upper

63 100

65 31.7 22.7 42.1

83 11.9 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 0.418 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU051780.D

Acq: 08 Nov 2022 13:37

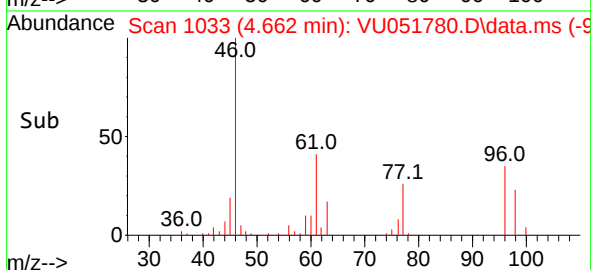
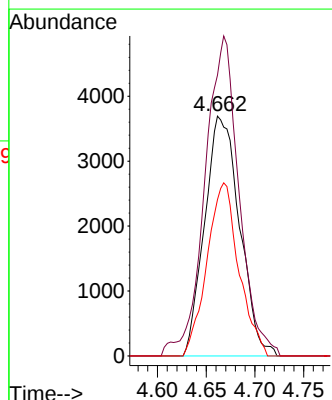
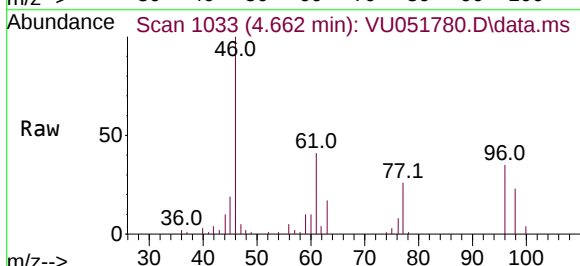
Tgt Ion: 96 Resp: 9210

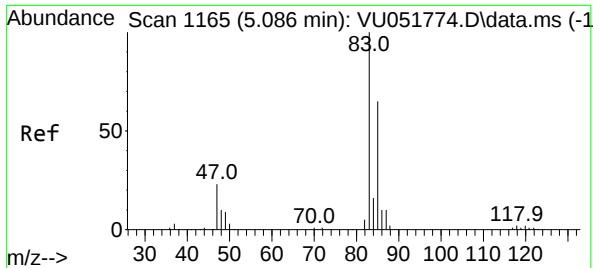
Ion Ratio Lower Upper

96 100

61 117.1 86.4 160.4

98 65.2 44.2 82.2

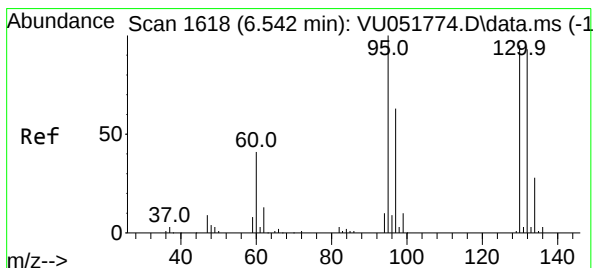
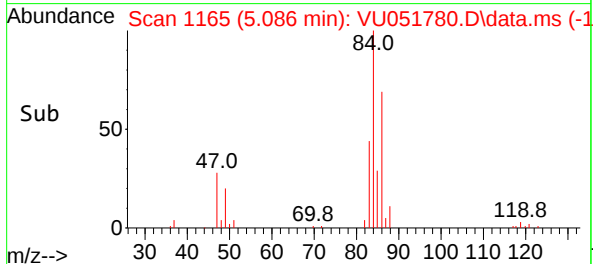
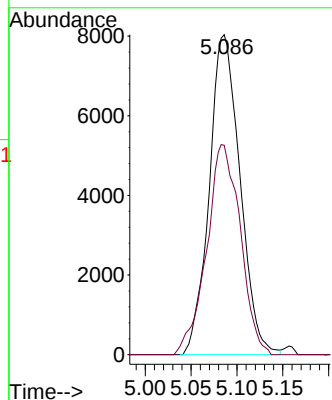
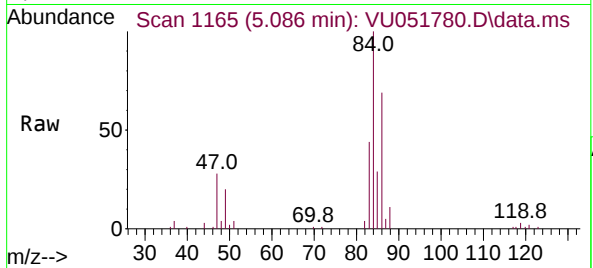




#25
Chloroform
Concen: 0.493 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU051780.D
Acq: 08 Nov 2022 13:37

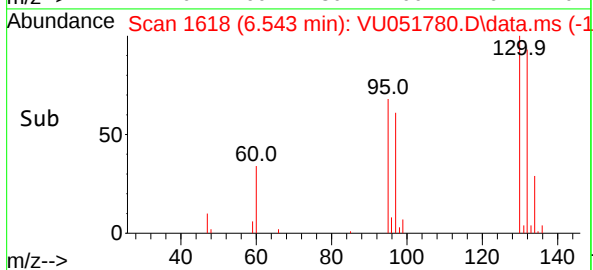
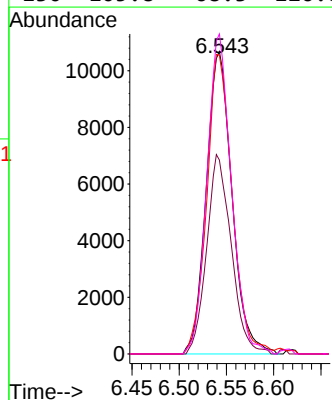
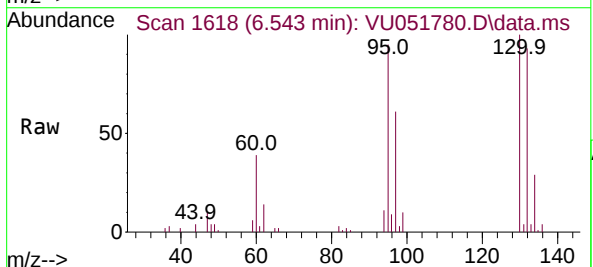
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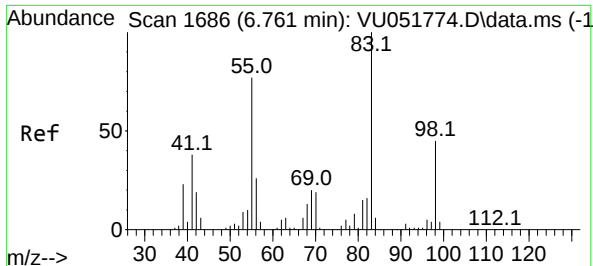
Tgt Ion: 83 Resp: 18756
Ion Ratio Lower Upper
83 100
85 65.5 45.2 84.0



#34
Trichloroethene
Concen: 0.930 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU051780.D
Acq: 08 Nov 2022 13:37

Tgt Ion: 95 Resp: 20234
Ion Ratio Lower Upper
95 100
97 64.1 45.2 84.0
132 98.8 66.5 123.5
130 105.8 68.3 126.8

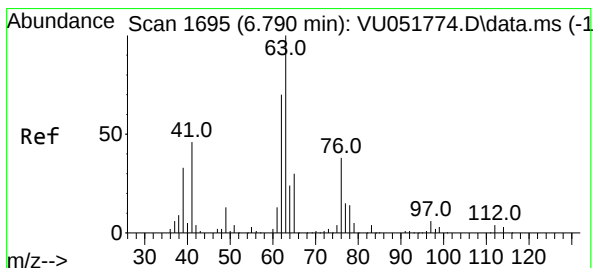
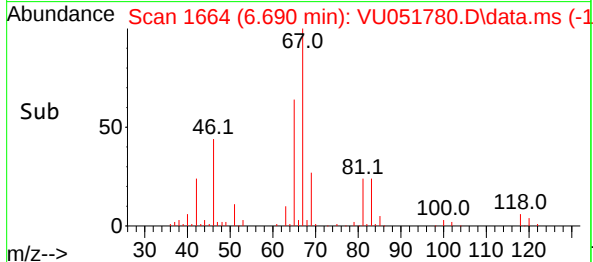
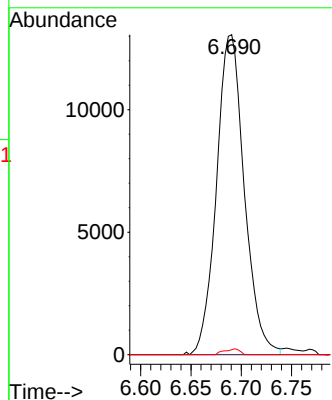
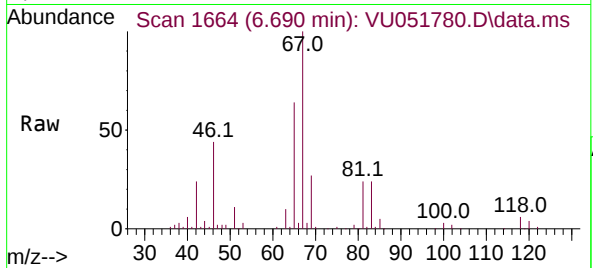




#35
Methylcyclohexane
Concen: 0.837 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051780.D
Acq: 08 Nov 2022 13:37

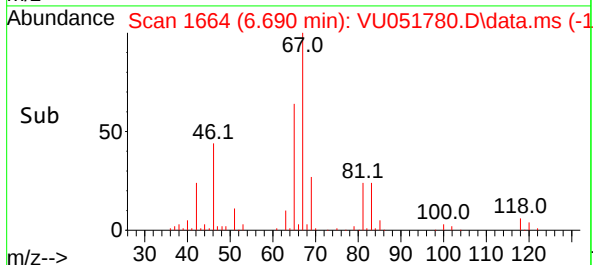
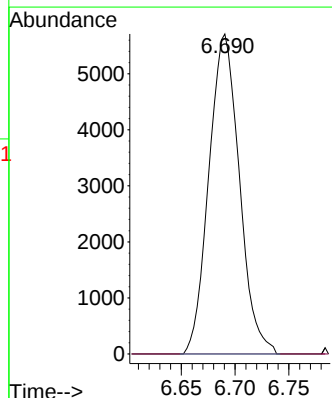
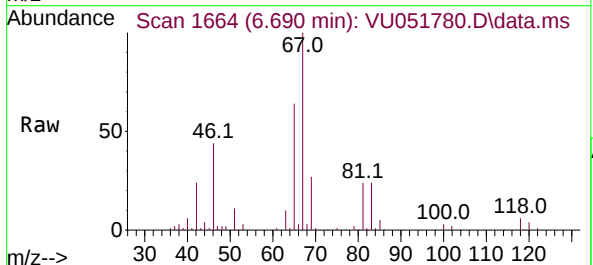
Instrument :
MSVOA_U
ClientSampleId :
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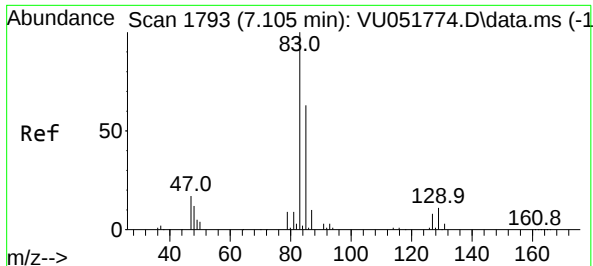
Tgt Ion: 83 Resp: 25175
Ion Ratio Lower Upper
83 100
55 0.0 60.6 90.8#
98 1.0 35.8 53.6#



#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051780.D
Acq: 08 Nov 2022 13:37

Tgt Ion: 63 Resp: 11267
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#

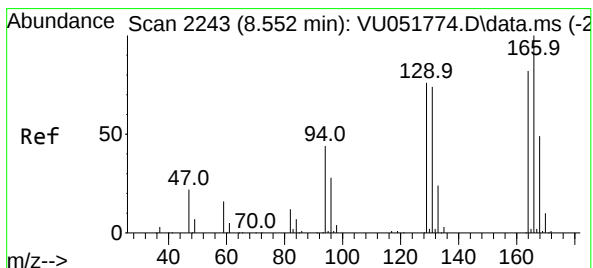
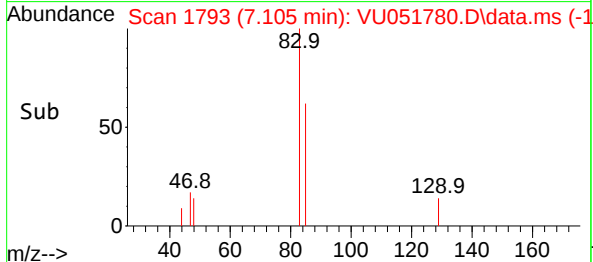
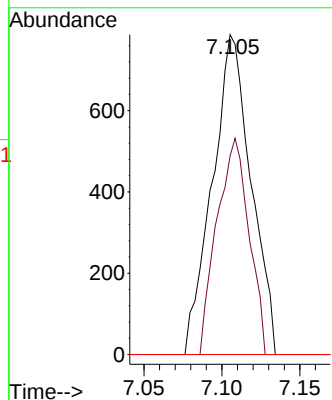
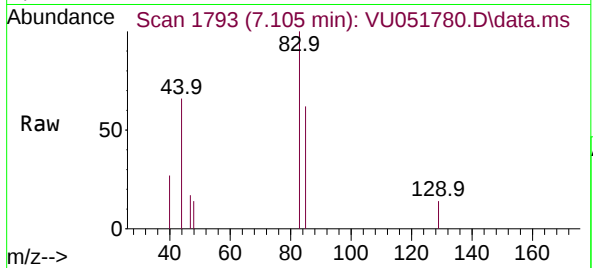




#38
Bromodichloromethane
Concen: 0.048 ug/L
RT: 7.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051780.D
Acq: 08 Nov 2022 13:37

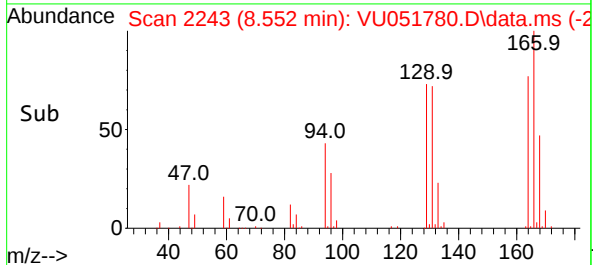
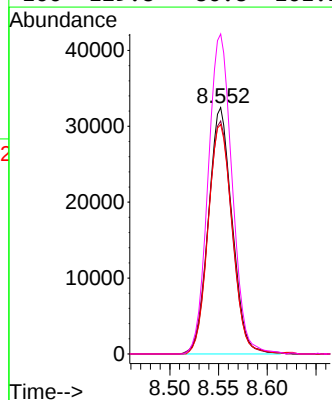
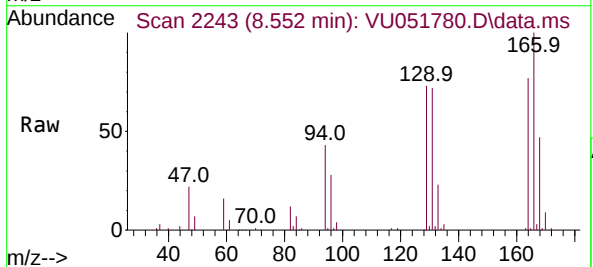
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MSVOA_U
ClientSampleId :
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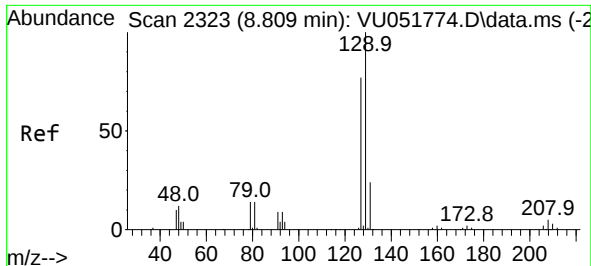
Tgt Ion: 83 Resp: 1359
Ion Ratio Lower Upper
83 100
85 62.1 45.1 83.7
127 0.0 6.6 9.8#



#47
Tetrachloroethene
Concen: 3.292 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051780.D
Acq: 08 Nov 2022 13:37

Tgt Ion: 164 Resp: 54864
Ion Ratio Lower Upper
164 100
129 94.5 64.0 118.8
131 93.1 60.7 112.7
166 129.8 86.8 161.2





#49

Dibromochloromethane

Concen: 2.728 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU051780.D

Acq: 08 Nov 2022 13:37

Instrument :

MSVOA_U

ClientSampleId :

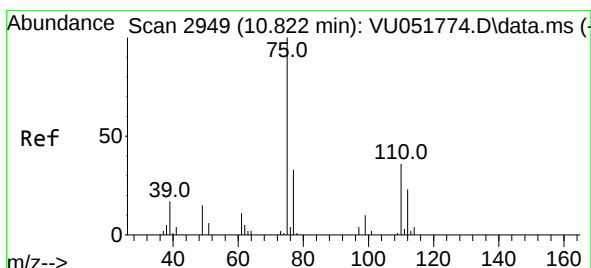
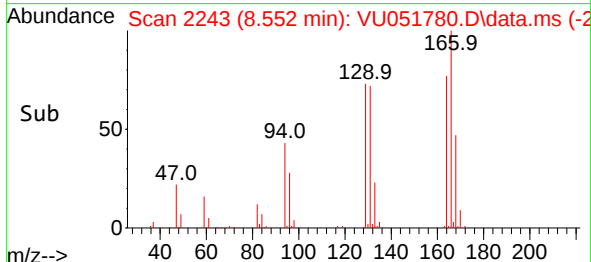
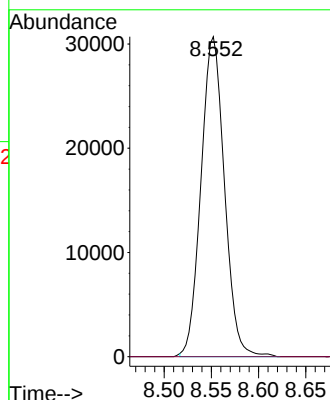
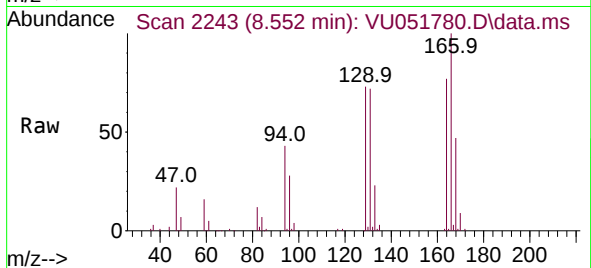
H0AA0

Tgt Ion:129 Resp: 52955

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



#61

1,2,3-Trichloropropane

Concen: 0.894 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051780.D

Acq: 08 Nov 2022 13:37

Tgt Ion: 75 Resp: 10859

Ion Ratio Lower Upper

75 100

110 1.8 28.7 43.1#

77 31.3 26.1 39.1

