

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055217.D
 Acq On : 08 Sep 2023 04:08
 Operator : MD/SY
 Sample : 04307-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 06:40:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

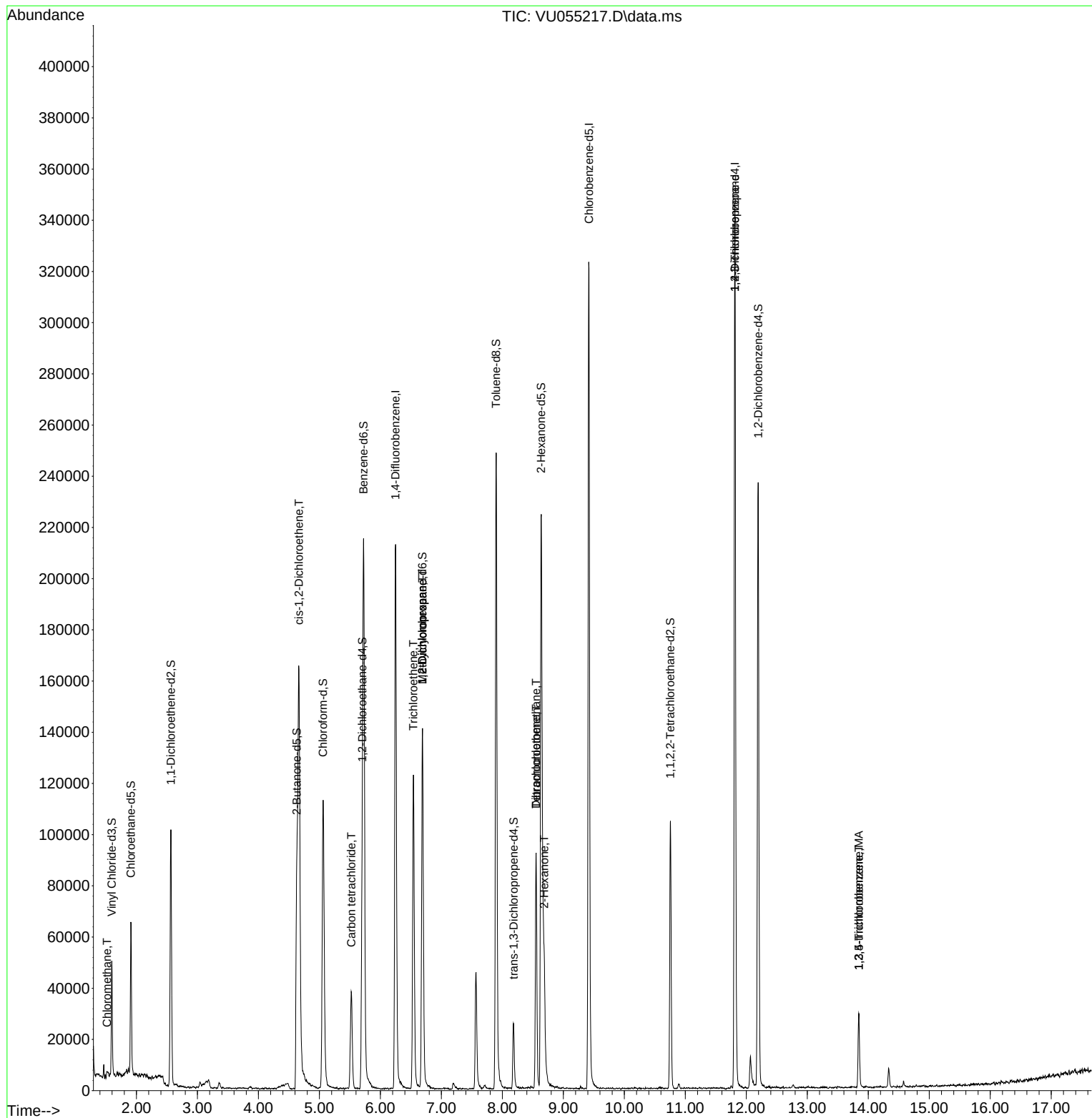
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171143	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	175136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	85254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30314	3.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.907	69	40512	4.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.563	65	19217	4.205	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.628	46	139910	60.107	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.220%
24) Chloroform-d	5.058	84	103318	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.702	65	57162	5.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.724	84	195824	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.689	67	67999	4.945	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.898	98	167624	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.184	79	15005	3.963	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.634	63	69609	45.281	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.560%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51975	5.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	58477	4.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	1441	0.142	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	69454	7.068	ug/L	97
31) Carbon tetrachloride	5.521	117	24310	1.930	ug/L	91
34) Trichloroethene	6.541	95	41063	3.964	ug/L	96
35) Methylcyclohexane	6.689	83	15412	1.060	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	7711	0.760	ug/L #	90
47) Tetrachloroethene	8.554	164	18643	2.604	ug/L	90
48) 2-Hexanone	8.685	43	27341	6.030	ug/L #	88
49) Dibromochloromethane	8.554	129	18776	2.516	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	12369	2.186	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.846	180	8916	0.618	ug/L	96
70) 1,2,4-trichlorobenzene	13.846	180	8916	0.659	ug/L	95

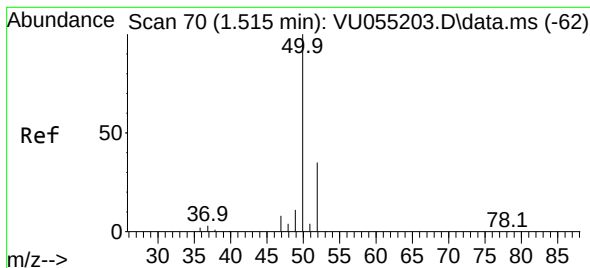
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.142 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU055217.D

Acq: 08 Sep 2023 04:08

Instrument :

MSVOA_U

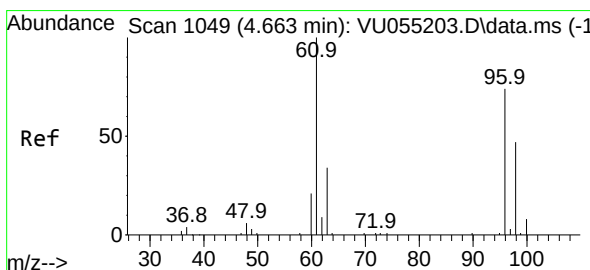
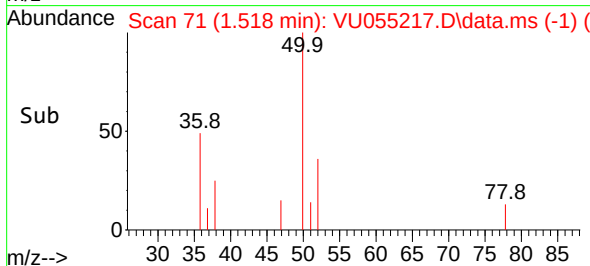
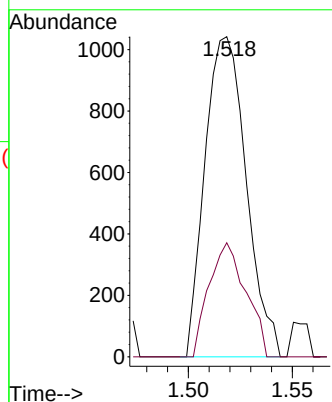
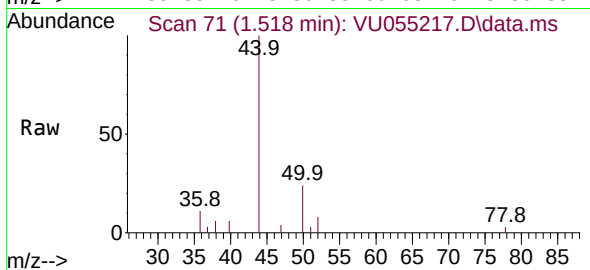
ClientSampleId :

Tgt Ion: 50 Resp: 1441

Ion Ratio Lower Upper

50 100

52 35.6 22.5 41.7



#22

cis-1,2-Dichloroethene

Concen: 7.068 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055217.D

Acq: 08 Sep 2023 04:08

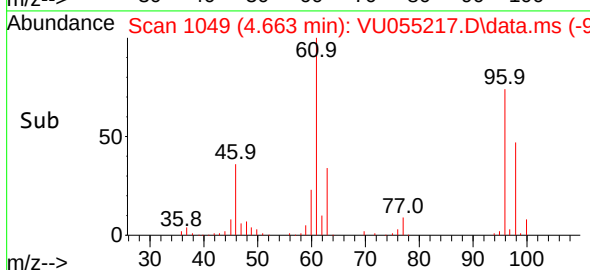
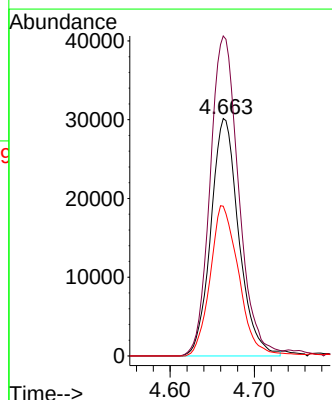
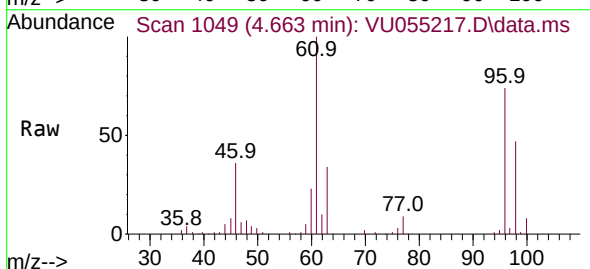
Tgt Ion: 96 Resp: 69454

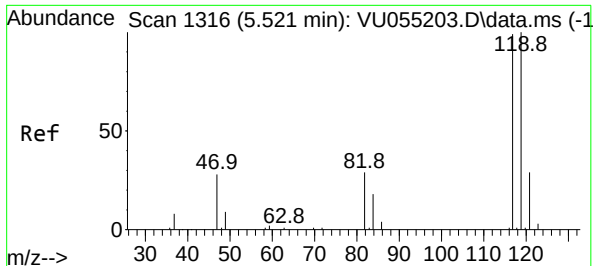
Ion Ratio Lower Upper

96 100

61 134.8 97.2 180.4

98 63.0 46.1 85.7

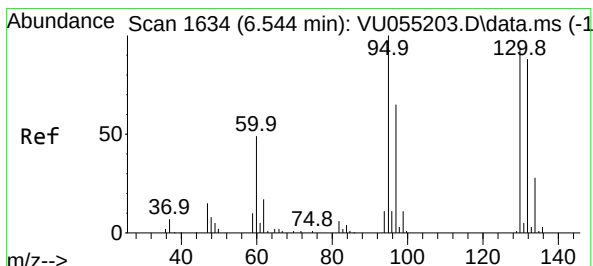
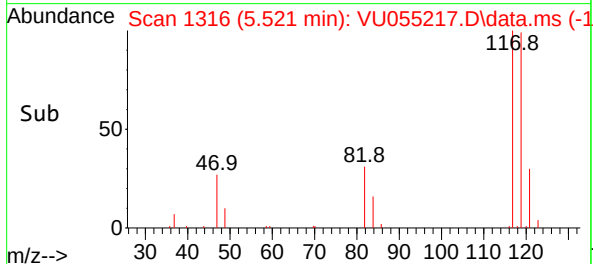
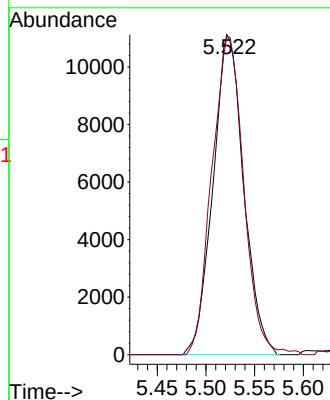
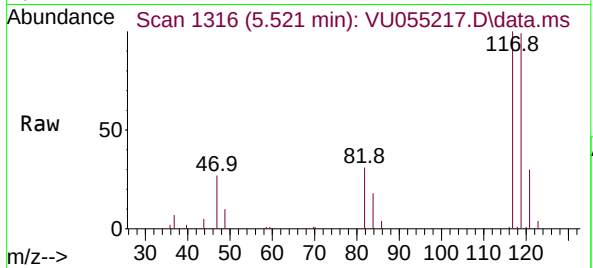




#31
Carbon tetrachloride
Concen: 1.930 ug/L
RT: 5.521 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055217.D
Acq: 08 Sep 2023 04:08

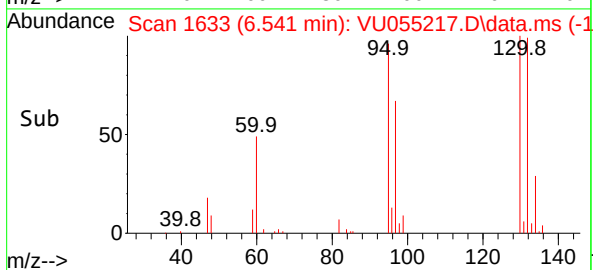
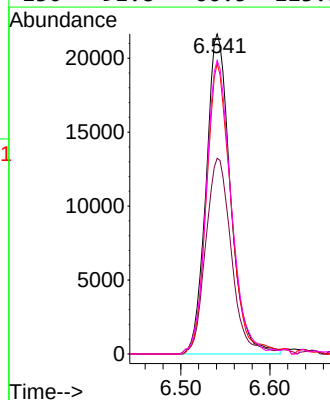
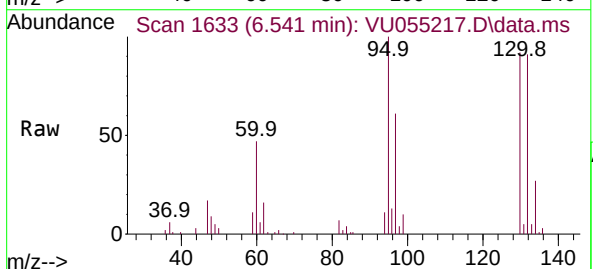
Instrument :
MSVOA_U
ClientSampleId :

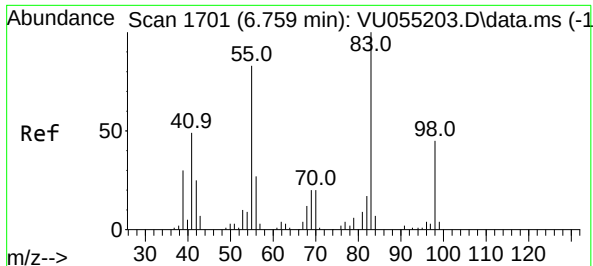
Tgt Ion:117 Resp: 24310
Ion Ratio Lower Upper
117 100
119 103.0 75.4 113.0



#34
Trichloroethene
Concen: 3.964 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.003 min
Lab File: VU055217.D
Acq: 08 Sep 2023 04:08

Tgt Ion: 95 Resp: 41063
Ion Ratio Lower Upper
95 100
97 61.1 44.7 83.1
132 90.8 66.6 123.6
130 91.8 66.5 123.5

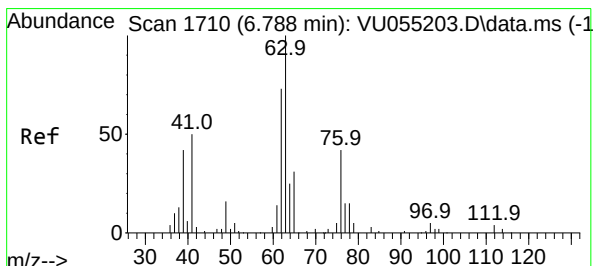
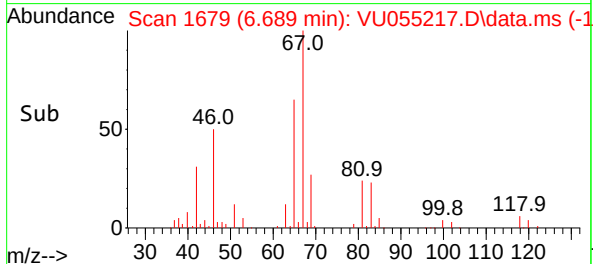
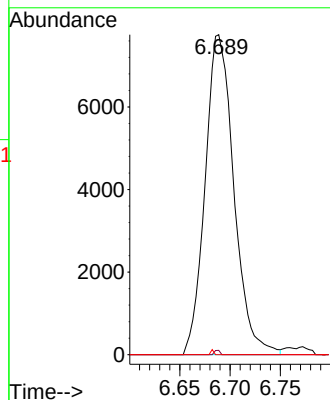
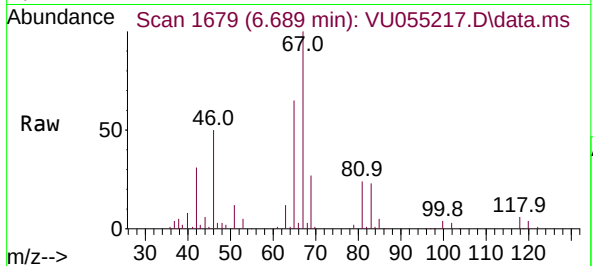




#35
Methylcyclohexane
Concen: 1.060 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055217.D
Acq: 08 Sep 2023 04:08

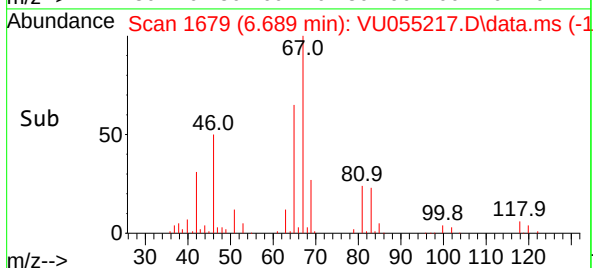
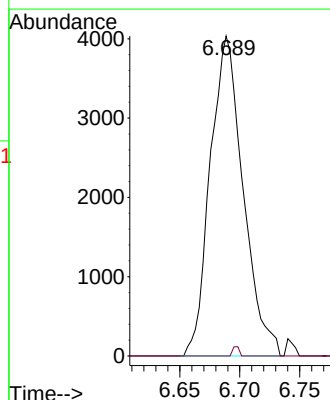
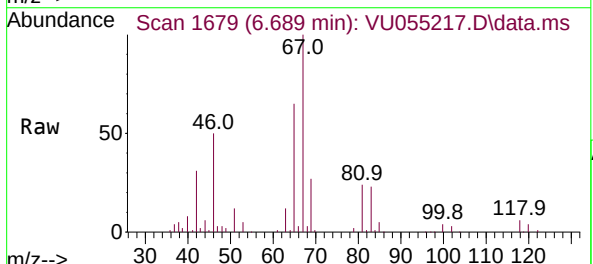
Instrument :
MSVOA_U
ClientSampleId :

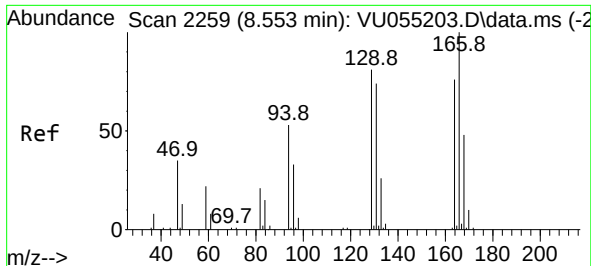
Tgt Ion: 83 Resp: 15412
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 0.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.760 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055217.D
Acq: 08 Sep 2023 04:08

Tgt Ion: 63 Resp: 7711
Ion Ratio Lower Upper
63 100
112 0.6 3.2 4.8#





#47

Tetrachloroethene

Concen: 2.604 ug/L

RT: 8.554 min Scan# 21

Delta R.T. 0.000 min

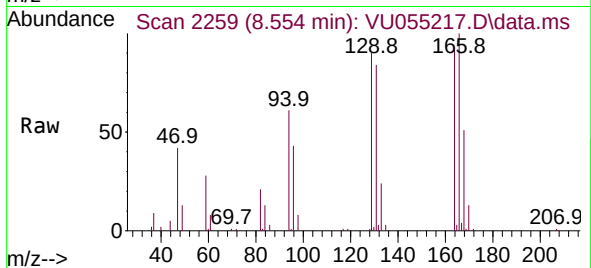
Lab File: VU055217.D

Acq: 08 Sep 2023 04:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 18643

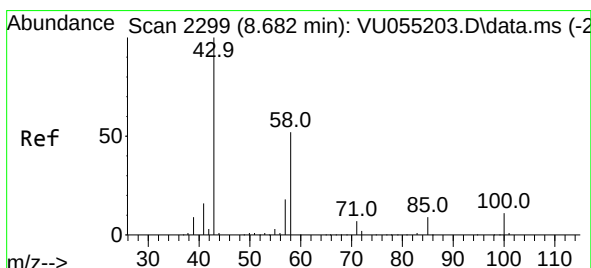
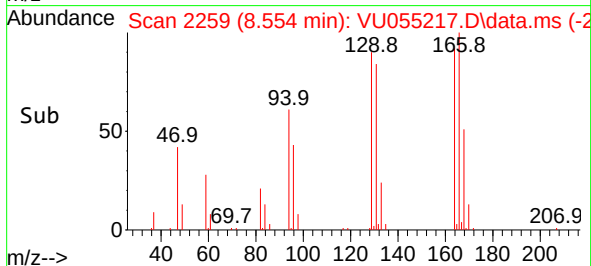
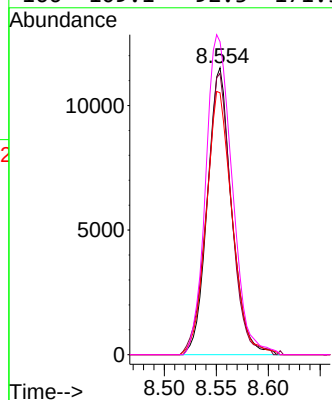
Ion Ratio Lower Upper

164 100

129 98.1 69.2 128.6

131 91.3 68.8 127.8

166 109.1 92.3 171.5



#48

2-Hexanone

Concen: 6.030 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055217.D

Acq: 08 Sep 2023 04:08

Tgt Ion: 43 Resp: 27341

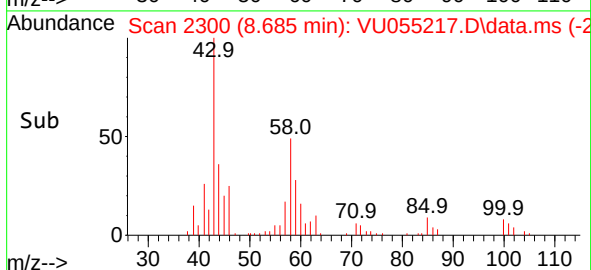
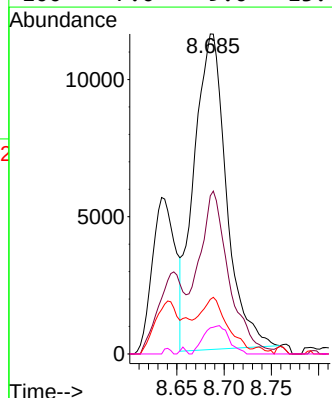
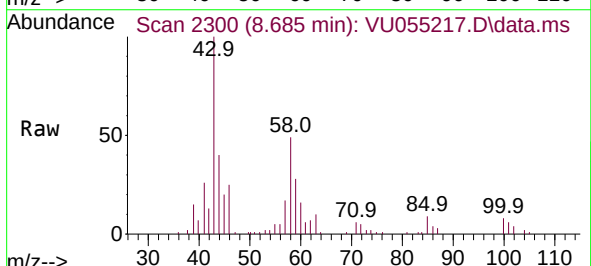
Ion Ratio Lower Upper

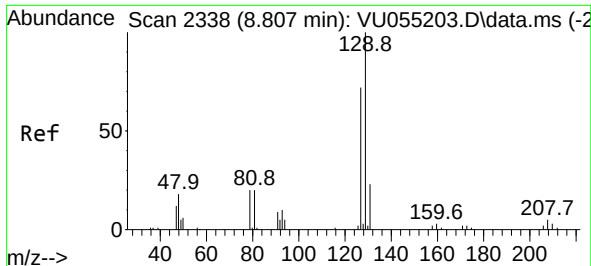
43 100

58 46.1 44.0 66.0

57 15.6 16.2 24.2#

100 7.0 9.0 13.4#





#49

Dibromochloromethane

Concen: 2.516 ug/L

RT: 8.554 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU055217.D

Acq: 08 Sep 2023 04:08

Instrument :

MSVOA_U

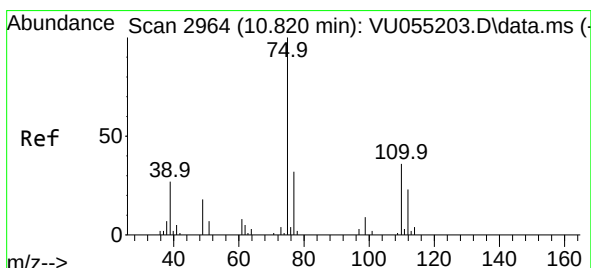
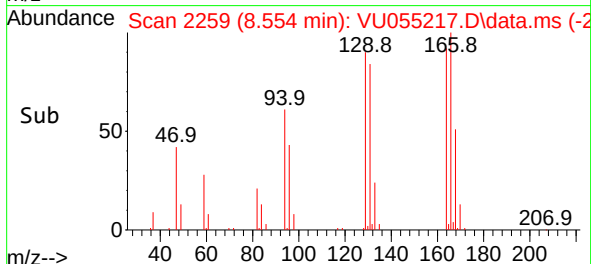
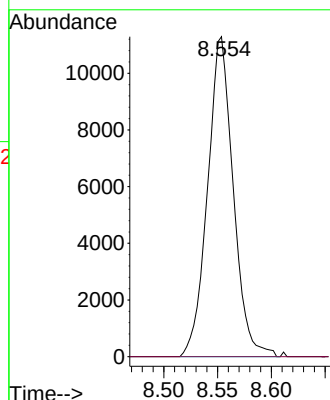
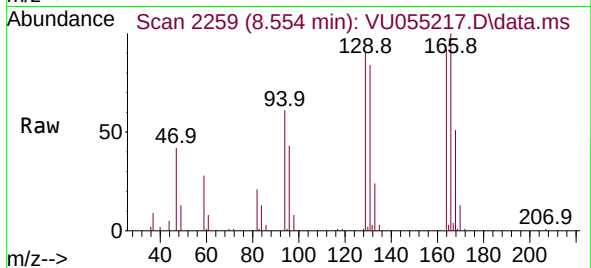
ClientSampleId :

Tgt Ion:129 Resp: 18776

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.186 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055217.D

Acq: 08 Sep 2023 04:08

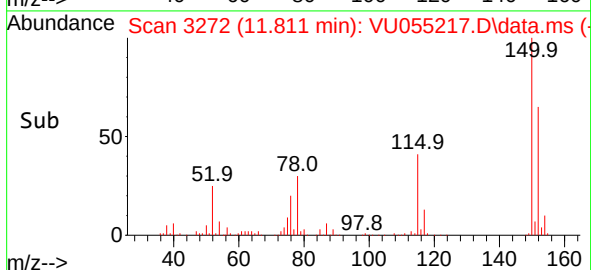
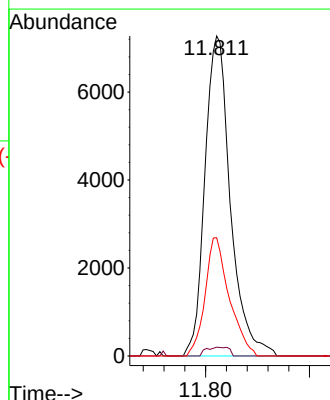
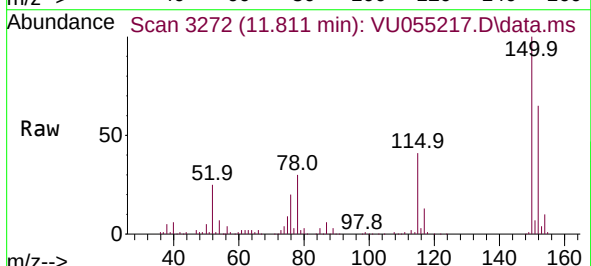
Tgt Ion: 75 Resp: 12369

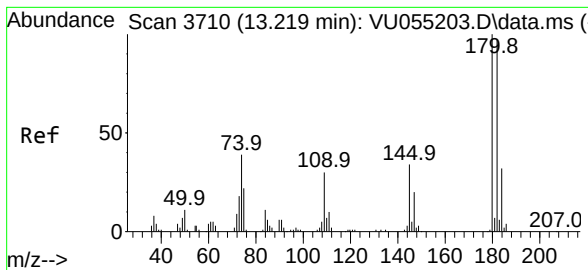
Ion Ratio Lower Upper

75 100

110 2.4 28.2 42.2#

77 35.0 26.2 39.4





#69

1,3,5-Trichlorobenzene

Concen: 0.618 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.627 min

Lab File: VU055217.D

Acq: 08 Sep 2023 04:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 8916

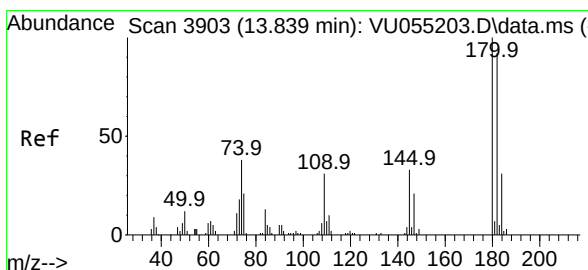
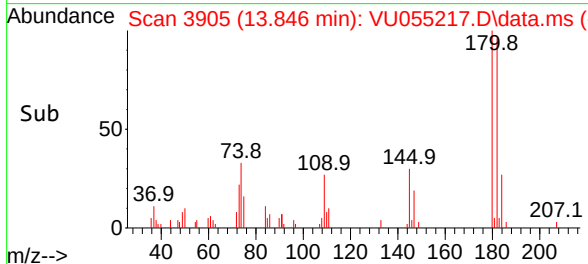
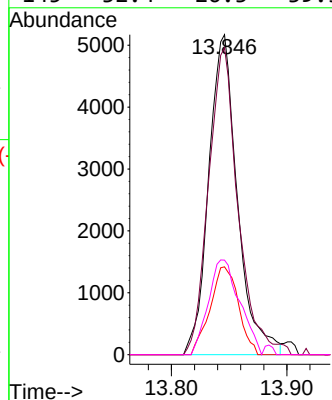
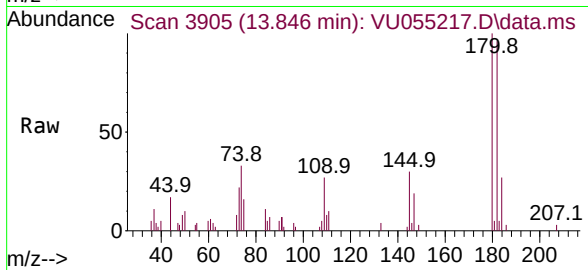
Ion Ratio Lower Upper

180 100

182 98.5 75.8 113.6

184 27.2 24.0 36.0

145 32.4 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 0.659 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.007 min

Lab File: VU055217.D

Acq: 08 Sep 2023 04:08

Tgt Ion:180 Resp: 8916

Ion Ratio Lower Upper

180 100

182 98.5 73.6 110.4

145 32.4 25.8 38.8

