

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059778.D
 Acq On : 03 Jul 2024 07:30
 Operator : MD/SY
 Sample : P3122-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 00:55:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 06:10:28 2024
 Response via : Initial Calibration

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

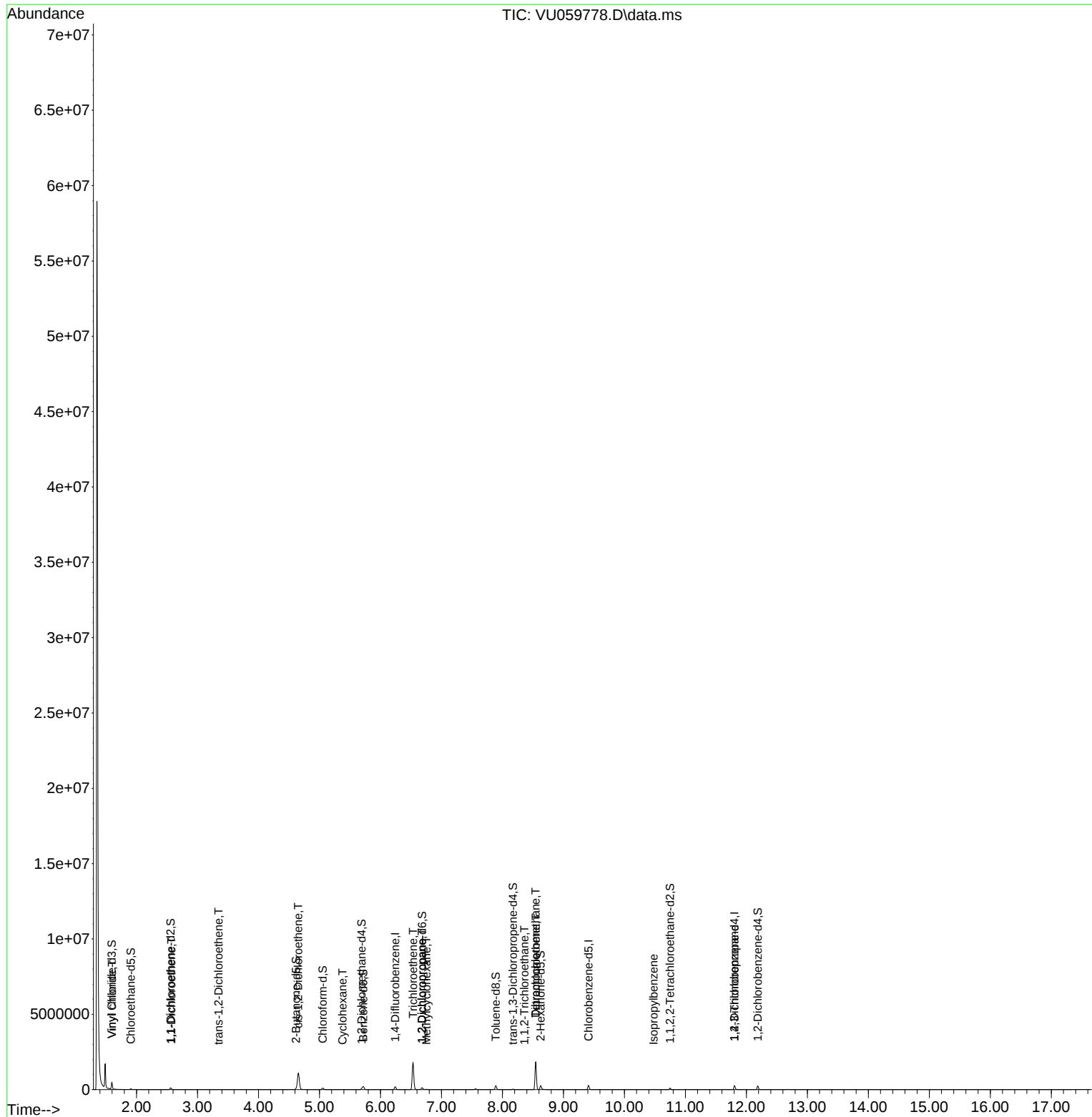
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	170092	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	173079	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79247	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	56344	4.764	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.907	69	47379	4.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.560	65	20472	4.172	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.618	46	109890	45.106	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.220%
24) Chloroform-d	5.052	84	101204	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.692	65	48654	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.717	84	208473	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.682	67	66013	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.891	98	185239	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.174	79	20769	4.544	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.627	63	95251	50.156	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.320%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52541	4.357	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	68405	4.850	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	118156	6.895	ug/L	99
12) 1,1-Dichloroethene	2.573	96	4226	0.350	ug/L #	1
18) trans-1,2-Dichloroethene	3.348	96	1465	0.117	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	619227	44.779	ug/L	94
30) Cyclohexane	5.377	56	3971	0.225	ug/L	87
34) Trichloroethene	6.534	95	625064	43.913	ug/L	98
35) Methylcyclohexane	6.753	83	8329	0.411	ug/L	95
37) 1,2-Dichloropropane	6.679	63	6888	0.506	ug/L #	91
45) 1,1,2-Trichloroethane	8.360	97	2165	0.216	ug/L #	19
47) Tetrachloroethene	8.547	164	422346	38.238	ug/L	96
49) Dibromochloromethane	8.544	129	387901	34.936	ug/L #	12
60) Isopropylbenzene	10.479	105	10674	0.218	ug/L	98
61) 1,2,3-Trichloropropane	11.804	75	8844	1.208	ug/L #	67

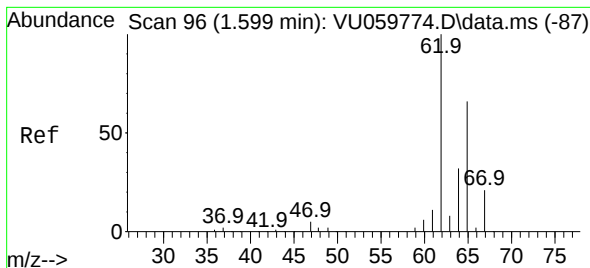
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.895 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU059778.D

Acq: 03 Jul 2024 07:30

Instrument :

MSVOA_U

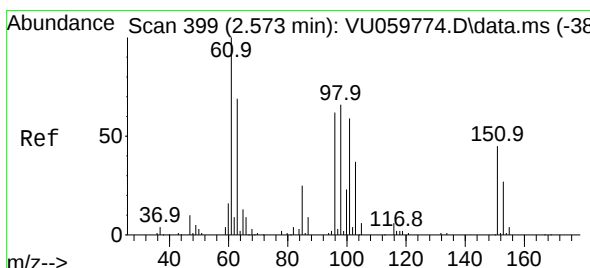
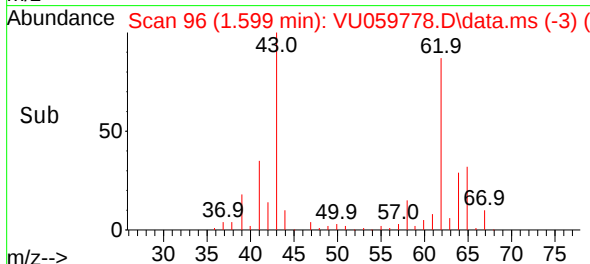
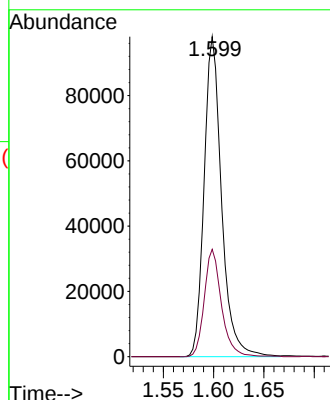
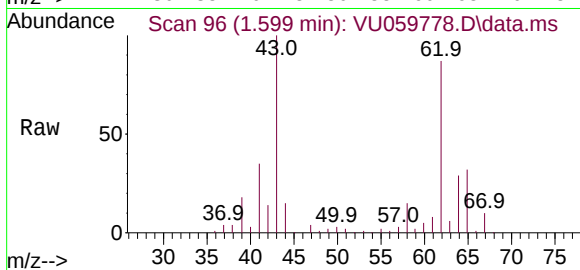
ClientSampleId :

Tgt Ion: 62 Resp: 118156

Ion Ratio Lower Upper

62 100

64 33.5 23.1 42.9



#12

1,1-Dichloroethene

Concen: 0.350 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU059778.D

Acq: 03 Jul 2024 07:30

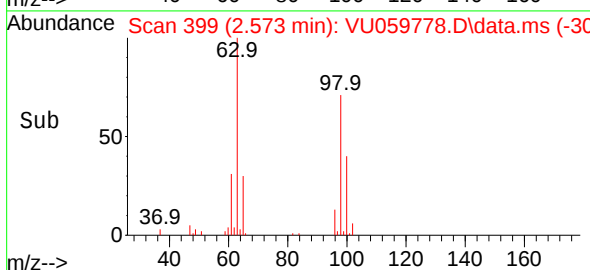
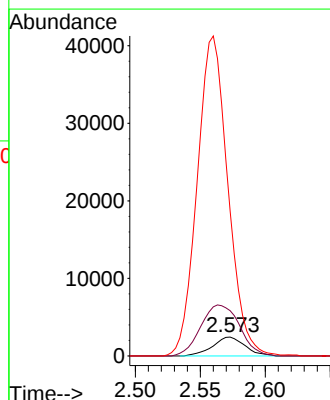
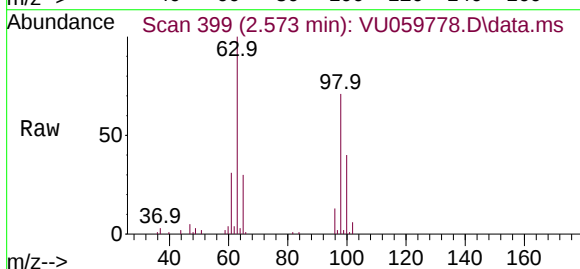
Tgt Ion: 96 Resp: 4226

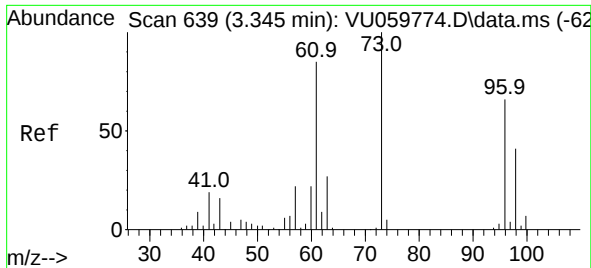
Ion Ratio Lower Upper

96 100

61 239.1 122.9 228.3#

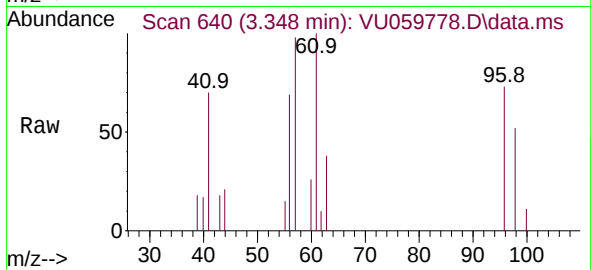
63 765.9 80.4 149.4#



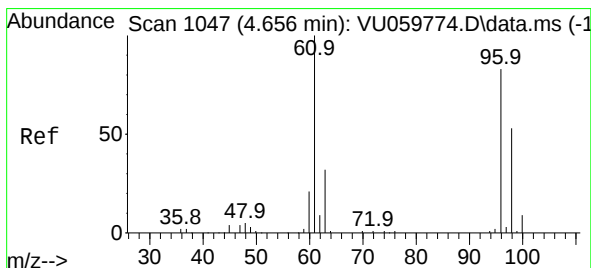
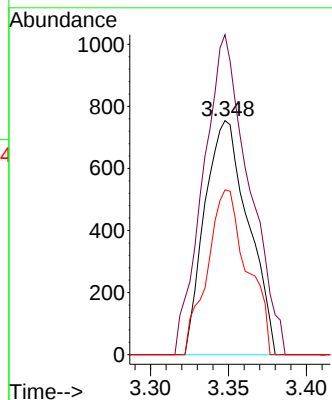
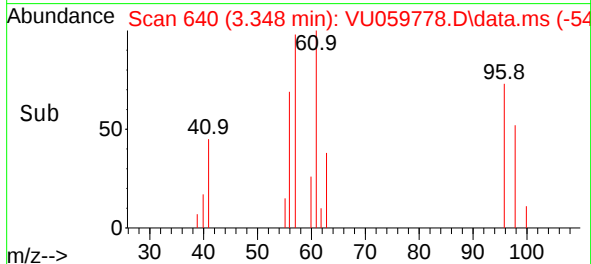


#18
trans-1,2-Dichloroethene
Concen: 0.117 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059778.D
Acq: 03 Jul 2024 07:30

Instrument :
MSVOA_U
ClientSampleId :

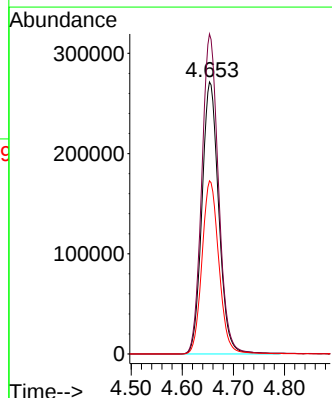
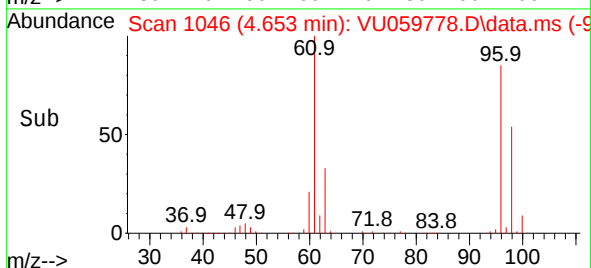
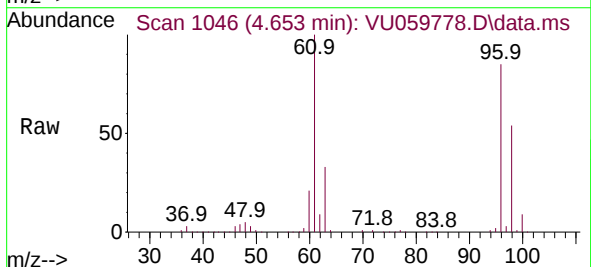


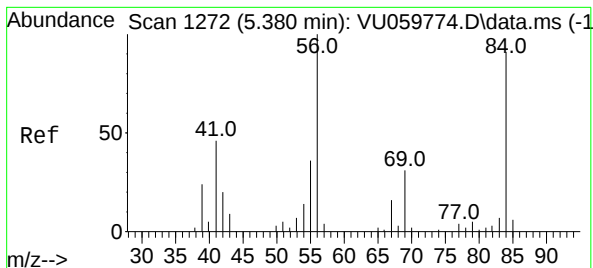
Tgt Ion: 96 Resp: 1465
Ion Ratio Lower Upper
96 100
61 136.7 101.8 189.0
98 70.4 43.3 80.5



#22
cis-1,2-Dichloroethene
Concen: 44.779 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU059778.D
Acq: 03 Jul 2024 07:30

Tgt Ion: 96 Resp: 619227
Ion Ratio Lower Upper
96 100
61 117.7 87.4 162.2
98 63.7 42.3 78.5





#30

Cyclohexane

Concen: 0.225 ug/L

RT: 5.377 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU059778.D

Acq: 03 Jul 2024 07:30

Instrument :

MSVOA_U

ClientSampleId :

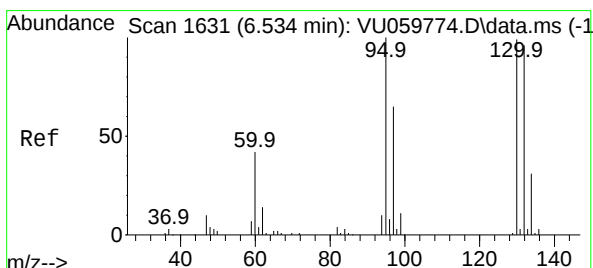
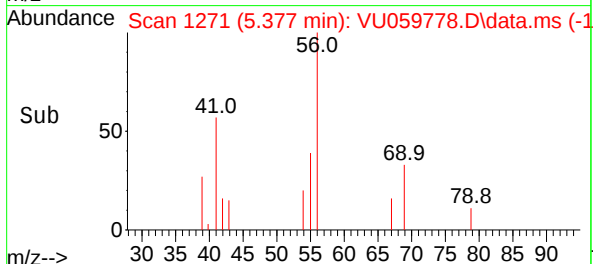
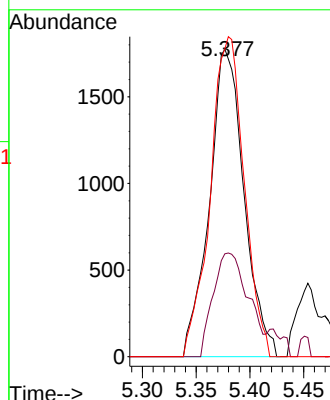
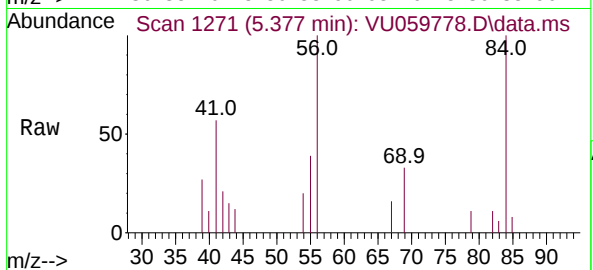
Tgt Ion: 56 Resp: 3971

Ion Ratio Lower Upper

56 100

69 34.6 24.8 37.2

84 101.9 69.8 104.8



#34

Trichloroethene

Concen: 43.913 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VU059778.D

Acq: 03 Jul 2024 07:30

Tgt Ion: 95 Resp: 625064

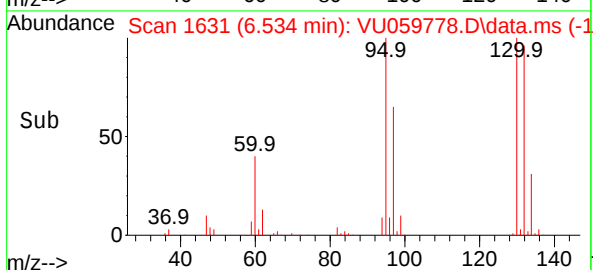
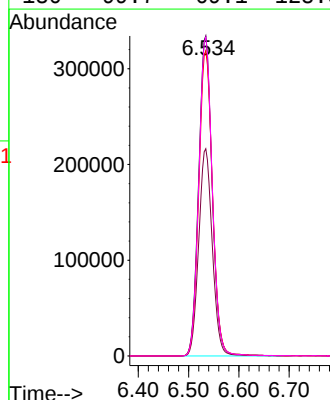
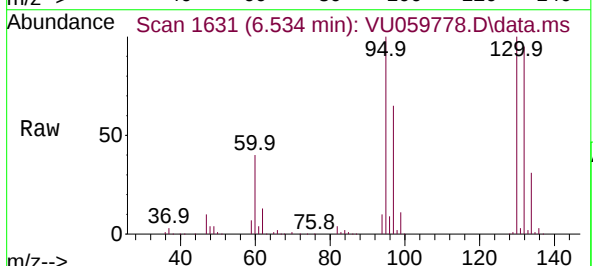
Ion Ratio Lower Upper

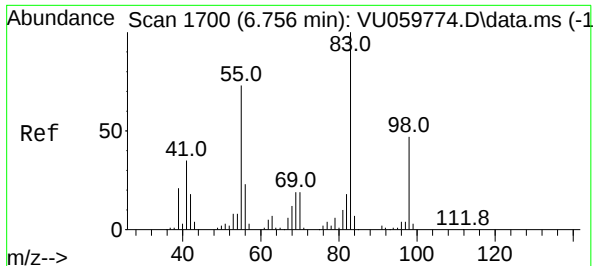
95 100

97 64.8 45.3 84.1

132 95.4 64.0 119.0

130 99.7 69.1 128.3





#35

Methylcyclohexane

Concen: 0.411 ug/L

RT: 6.753 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059778.D

Acq: 03 Jul 2024 07:30

Instrument :

MSVOA_U

ClientSampleId :

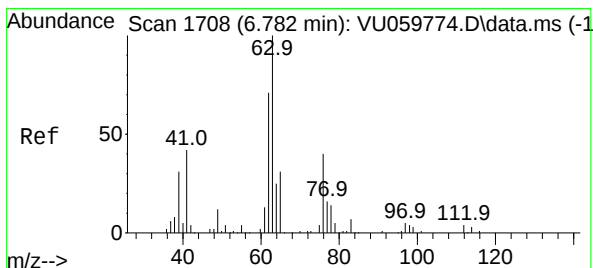
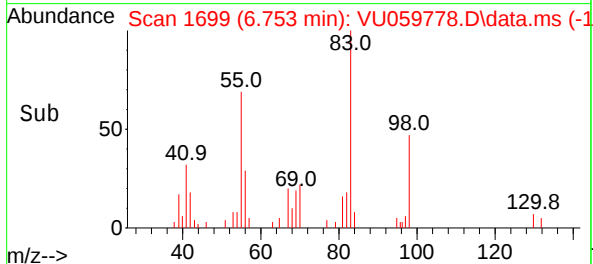
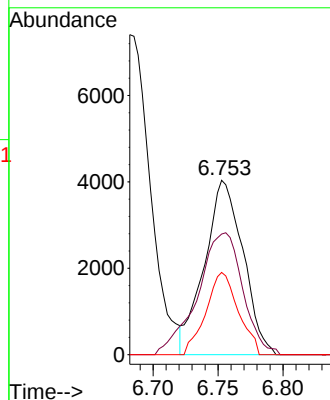
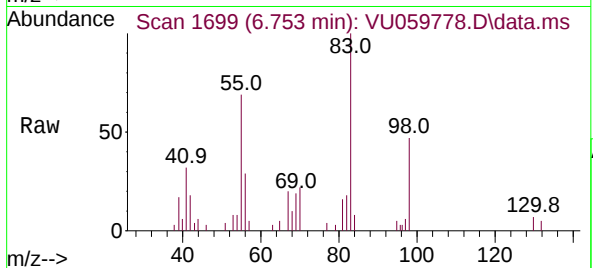
Tgt Ion: 83 Resp: 8329

Ion Ratio Lower Upper

83 100

55 81.7 62.7 94.1

98 39.6 35.4 53.0



#37

1,2-Dichloropropane

Concen: 0.506 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU059778.D

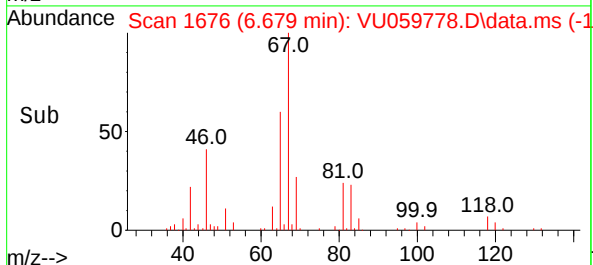
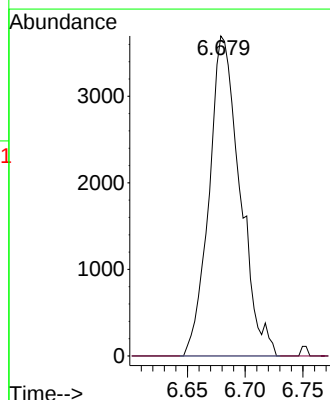
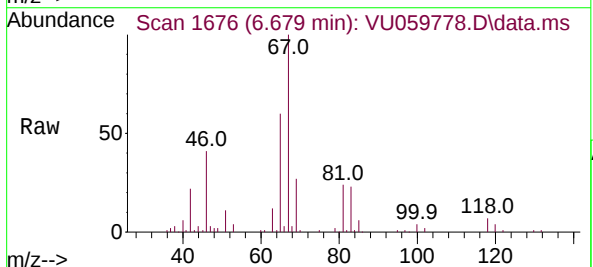
Acq: 03 Jul 2024 07:30

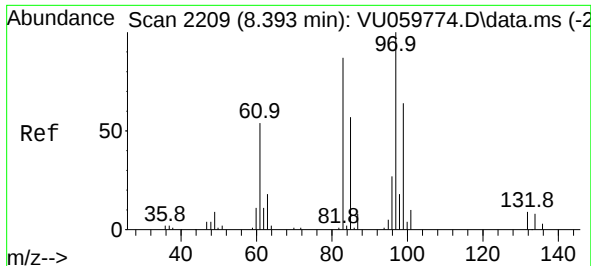
Tgt Ion: 63 Resp: 6888

Ion Ratio Lower Upper

63 100

112 0.3 2.6 3.8#





#45

1,1,2-Trichloroethane

Concen: 0.216 ug/L

RT: 8.360 min Scan# 2199

Delta R.T. -0.032 min

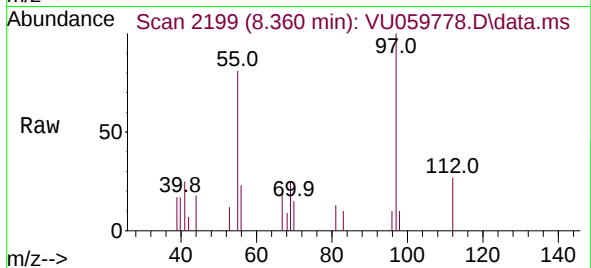
Lab File: VU059778.D

Acq: 03 Jul 2024 07:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 2165

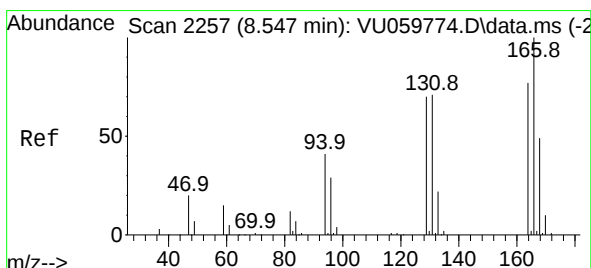
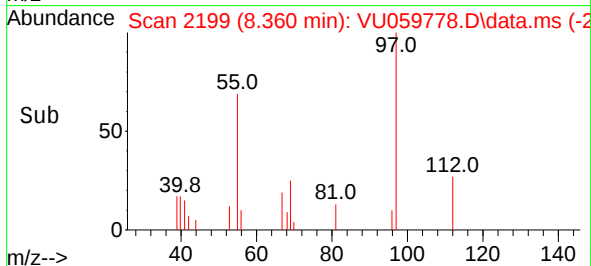
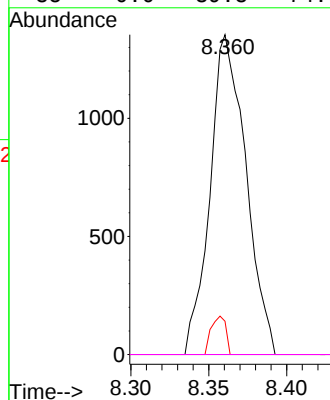
Ion Ratio Lower Upper

97 100

99 0.0 43.3 80.3#

83 10.4 62.3 115.7#

85 0.0 39.8 74.0#



#47

Tetrachloroethene

Concen: 38.238 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU059778.D

Acq: 03 Jul 2024 07:30

Tgt Ion: 164 Resp: 422346

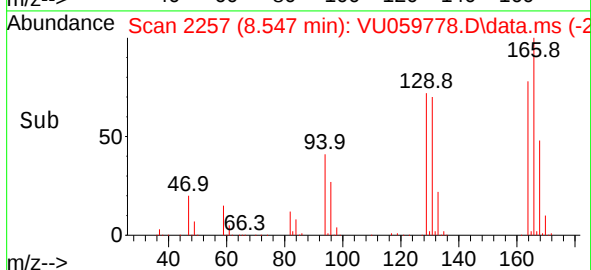
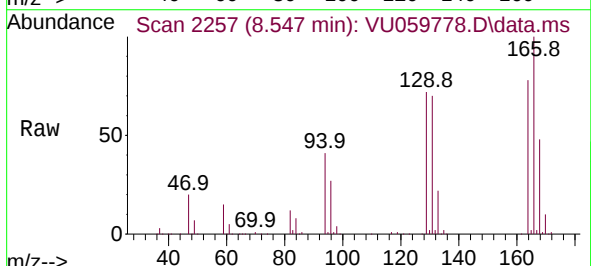
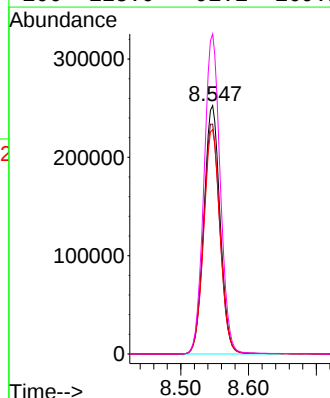
Ion Ratio Lower Upper

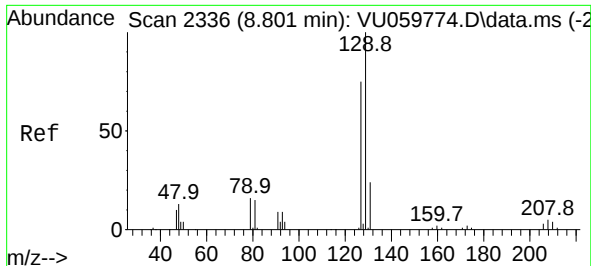
164 100

129 92.5 70.8 131.4

131 90.3 64.8 120.3

166 128.9 91.1 169.1





#49

Dibromochloromethane

Concen: 34.936 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU059778.D

Acq: 03 Jul 2024 07:30

Instrument :

MSVOA_U

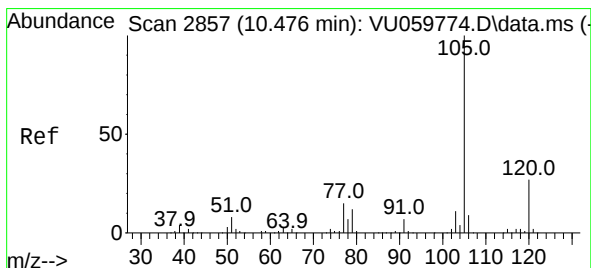
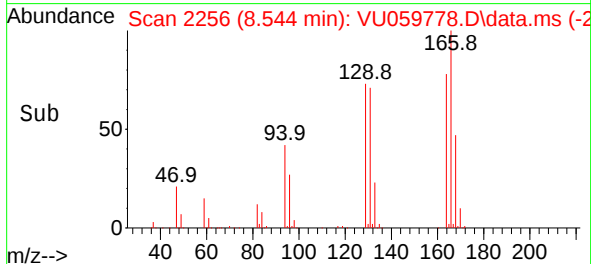
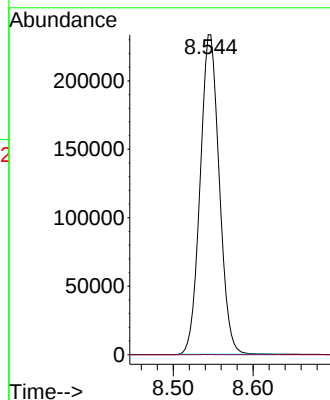
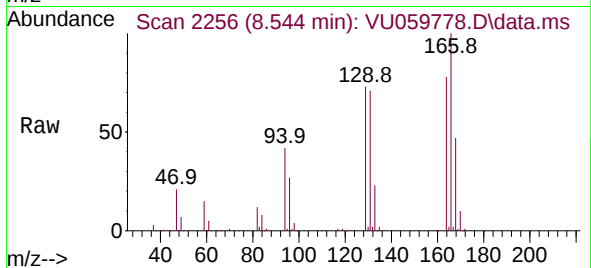
ClientSampleId :

Tgt Ion:129 Resp: 387901

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#60

Isopropylbenzene

Concen: 0.218 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU059778.D

Acq: 03 Jul 2024 07:30

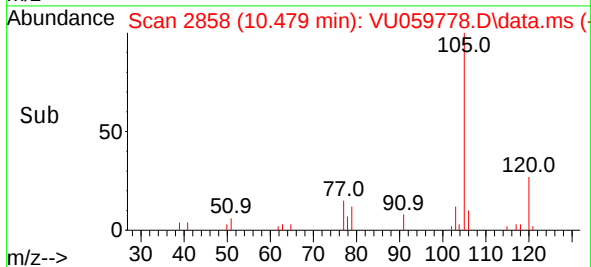
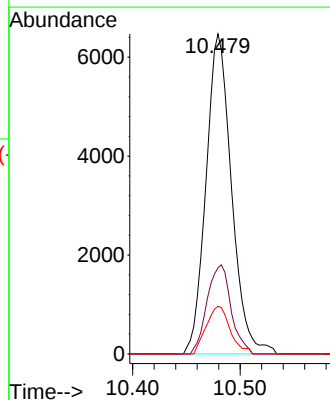
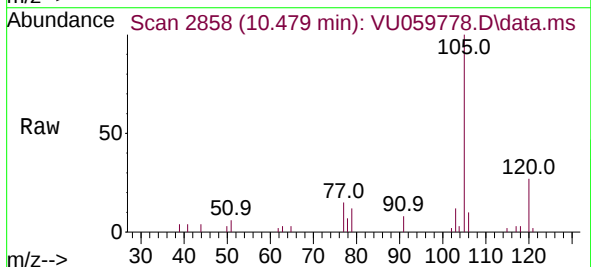
Tgt Ion:105 Resp: 10674

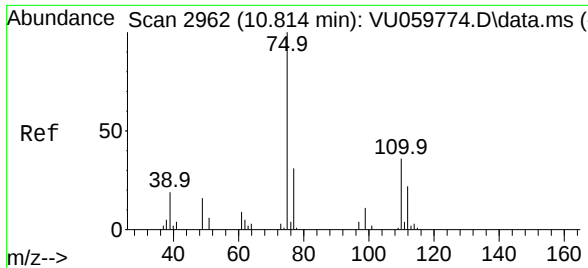
Ion Ratio Lower Upper

105 100

120 26.1 20.6 31.0

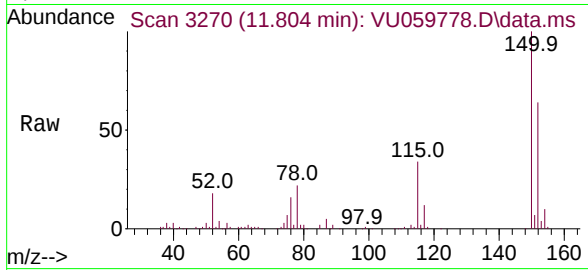
77 13.9 12.8 19.2





#61
1,2,3-Trichloropropane
Concen: 1.208 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU059778.D
Acq: 03 Jul 2024 07:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 8844
Ion Ratio Lower Upper
75 100
110 0.5 27.1 40.7#
77 28.7 25.4 38.2

