

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057596.D
 Acq On : 24 Jan 2024 03:12
 Operator : MD/SY
 Sample : P1227-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 05:27:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 01:55:34 2024
 Response via : Initial Calibration

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

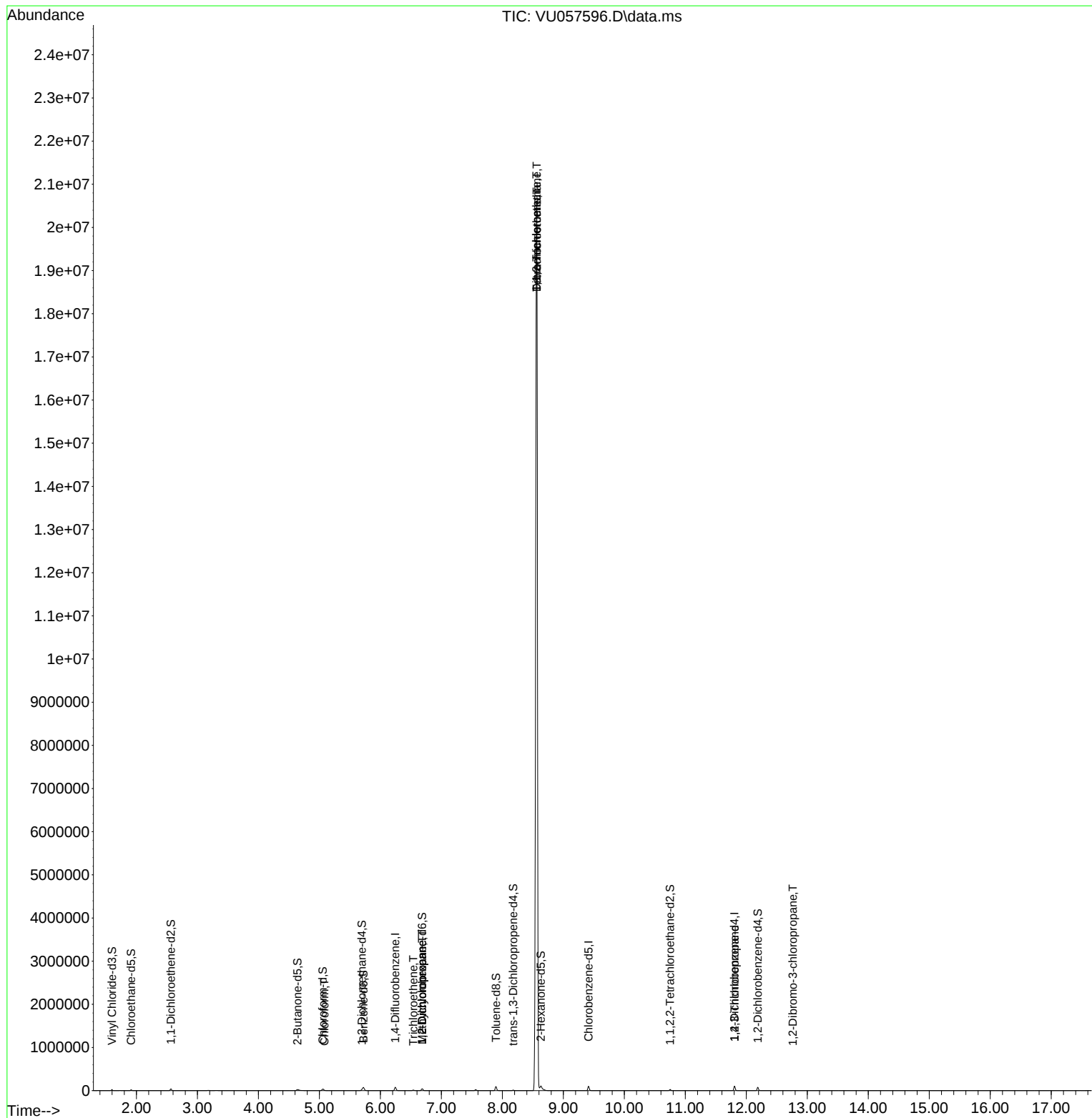
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	63712	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	56083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	26964	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	16862	4.804	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.911	69	14083	4.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.563	65	7665	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.640	46	33753	50.969	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.940%
24) Chloroform-d	5.055	84	34320	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.695	65	17148	5.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.721	84	69519	5.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.685	67	20856	5.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.894	98	65080	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
43) trans-1,3-Dichloroprop...	8.177	79	7521	4.756	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.631	63	24838	49.227	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.460%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	13641	5.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	20349	5.378	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
25) Chloroform	5.081	83	2055	0.215	ug/L	96
34) Trichloroethene	6.541	95	5383	1.015	ug/L	90
35) Methylcyclohexane	6.685	83	4879	0.570	ug/L #	23
37) 1,2-Dichloropropane	6.685	63	2453	0.510	ug/L #	89
45) 1,1,2-Trichloroethane	8.560	97	52309	16.711	ug/L #	10
47) Tetrachloroethene	8.563	164	4978952	1277.619	ug/L	96
49) Dibromochloromethane	8.563	129	5335378	1316.276	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3765	1.391	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.762	75	40	0.079	ug/L #	5

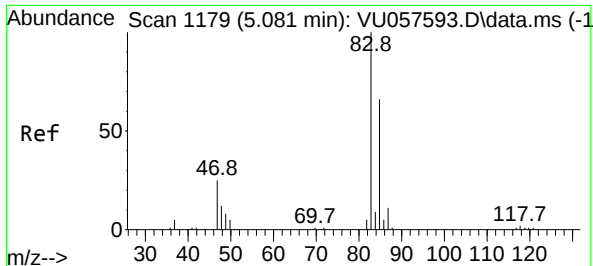
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.215 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057596.D

Acq: 24 Jan 2024 03:12

Instrument :

MSVOA_U

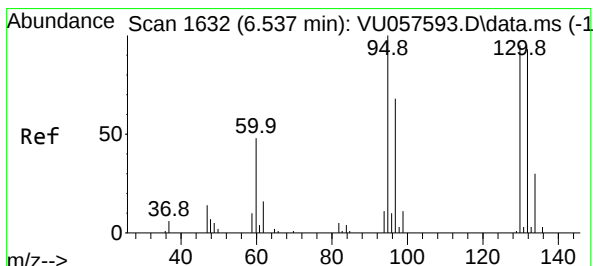
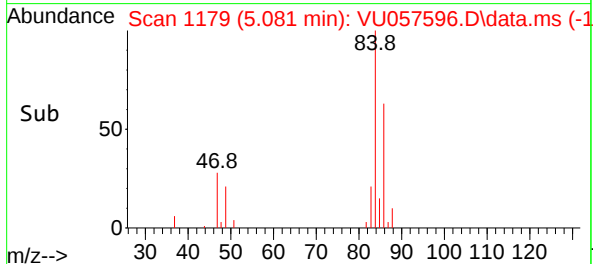
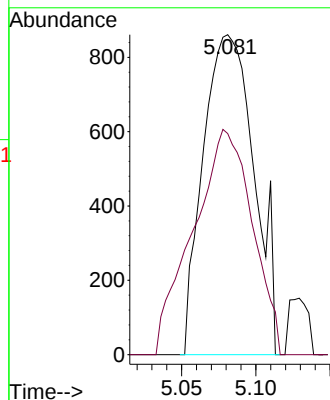
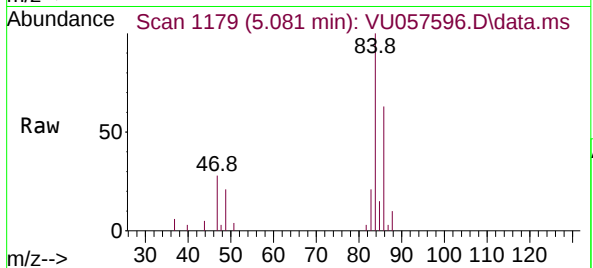
ClientSampleId :

Tgt Ion: 83 Resp: 2055

Ion Ratio Lower Upper

83 100

85 69.1 46.1 85.5



#34

Trichloroethene

Concen: 1.015 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VU057596.D

Acq: 24 Jan 2024 03:12

Tgt Ion: 95 Resp: 5383

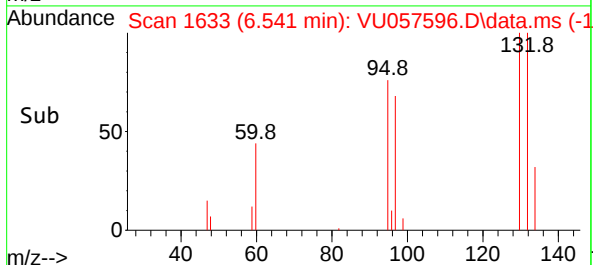
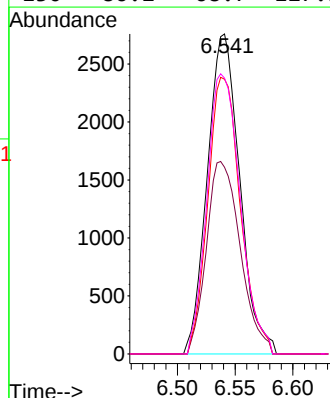
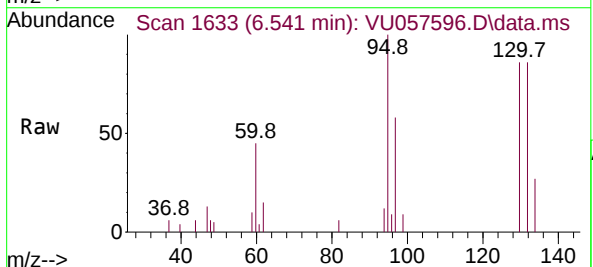
Ion Ratio Lower Upper

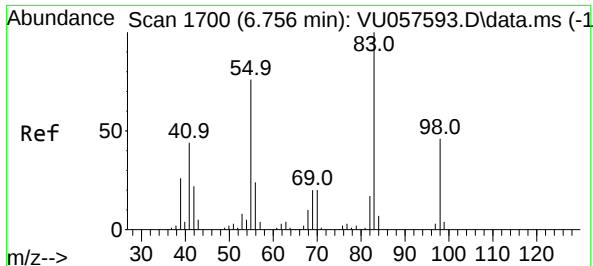
95 100

97 58.4 46.1 85.5

132 85.9 66.1 122.8

130 86.2 68.7 127.5





#35

Methylcyclohexane

Concen: 0.570 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU057596.D

Acq: 24 Jan 2024 03:12

Instrument :

MSVOA_U

ClientSampleId :

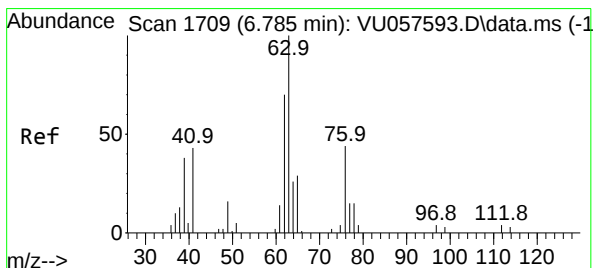
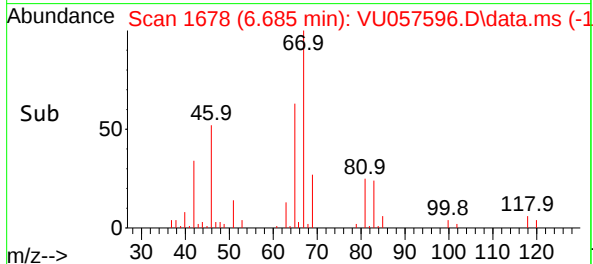
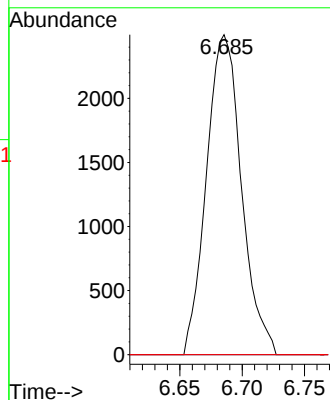
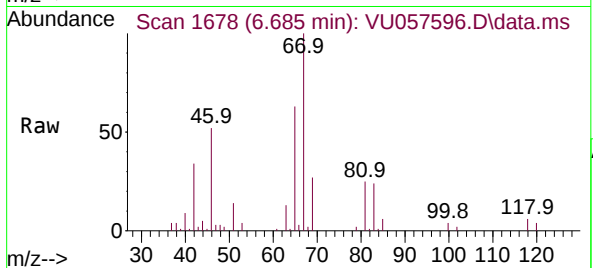
Tgt Ion: 83 Resp: 4879

Ion Ratio Lower Upper

83 100

55 0.0 61.4 92.0#

98 8.6 38.2 57.4#



#37

1,2-Dichloropropane

Concen: 0.510 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU057596.D

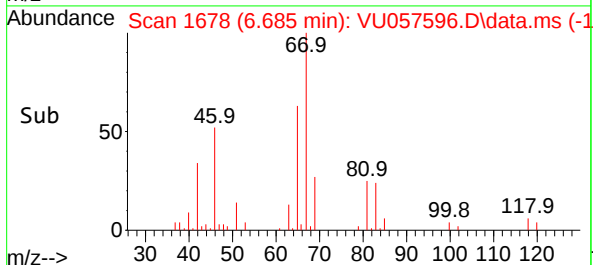
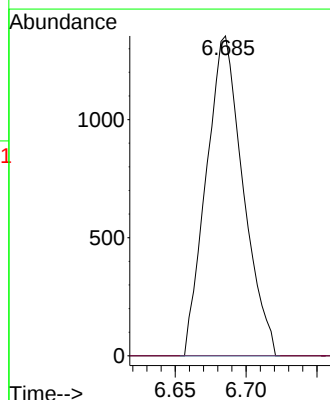
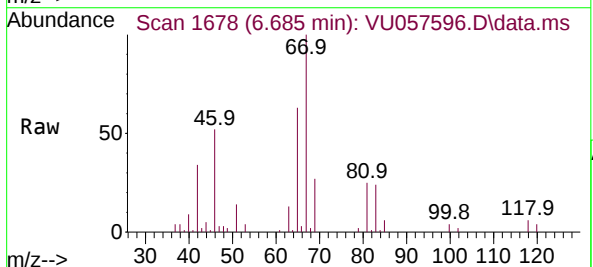
Acq: 24 Jan 2024 03:12

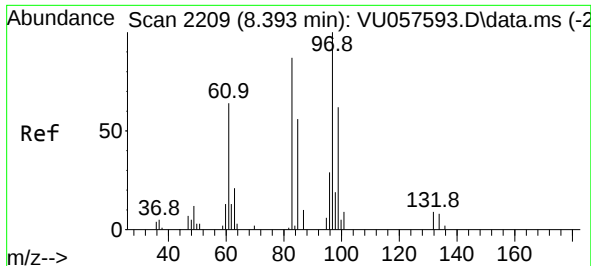
Tgt Ion: 63 Resp: 2453

Ion Ratio Lower Upper

63 100

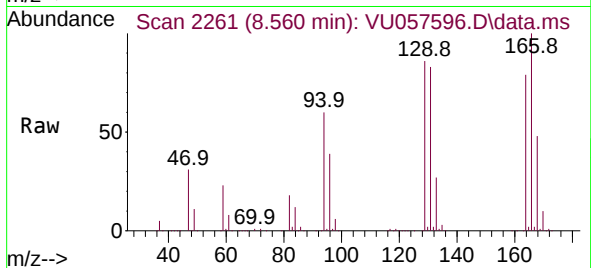
112 0.0 3.0 4.4#



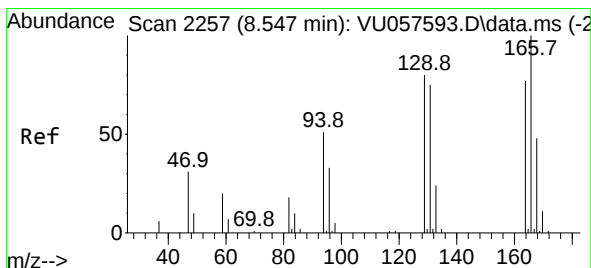
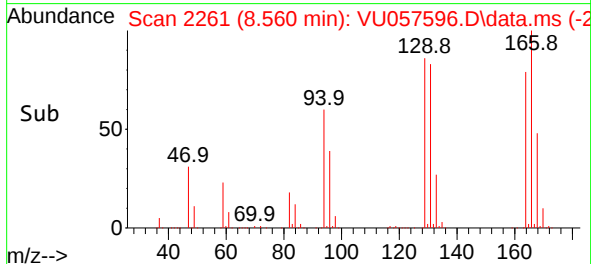
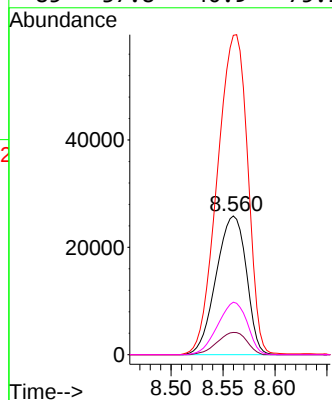


#45
1,1,2-Trichloroethane
Concen: 16.711 ug/L
RT: 8.560 min Scan# 21
Delta R.T. 0.167 min
Lab File: VU057596.D
Acq: 24 Jan 2024 03:12

Instrument :
MSVOA_U
ClientSampleId :

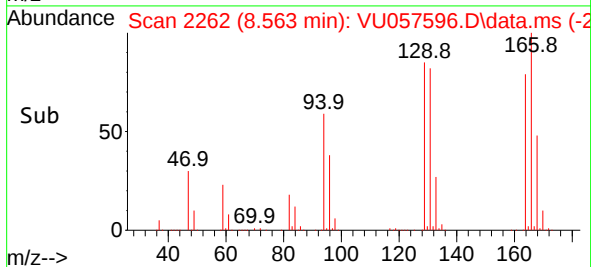
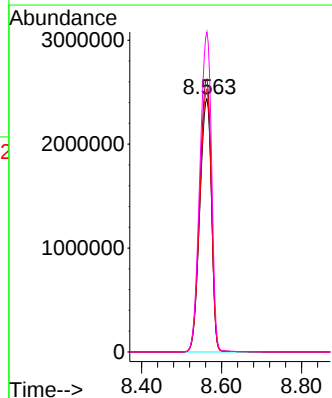
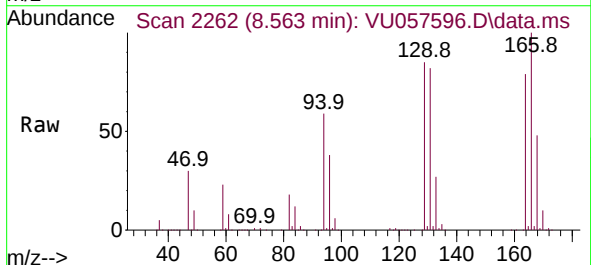


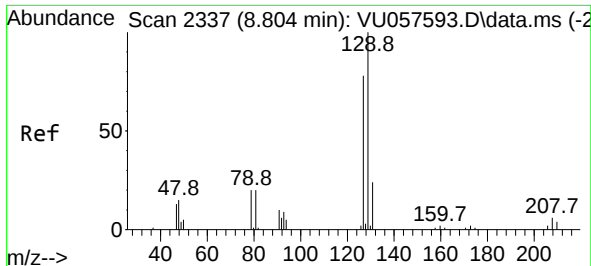
Tgt Ion: 97 Resp: 52309
Ion Ratio Lower Upper
97 100
99 16.1 45.1 83.7#
83 230.3 62.3 115.7#
85 37.8 40.9 75.9#



#47
Tetrachloroethene
Concen: 1277.619 ug/L
RT: 8.563 min Scan# 2262
Delta R.T. 0.016 min
Lab File: VU057596.D
Acq: 24 Jan 2024 03:12

Tgt Ion:164 Resp: 4978952
Ion Ratio Lower Upper
164 100
129 107.8 71.3 132.5
131 103.8 68.1 126.5
166 126.4 87.4 162.4





#49

Dibromochloromethane

Concen: 1316.276 ug/L

RT: 8.563 min Scan# 21

Delta R.T. -0.241 min

Lab File: VU057596.D

Acq: 24 Jan 2024 03:12

Instrument :

MSVOA_U

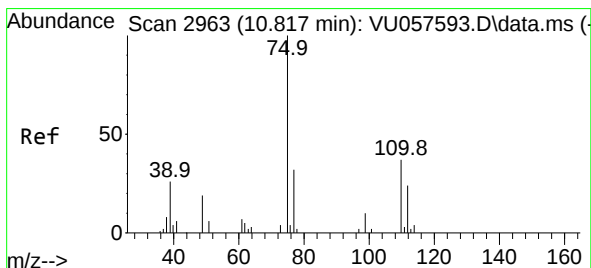
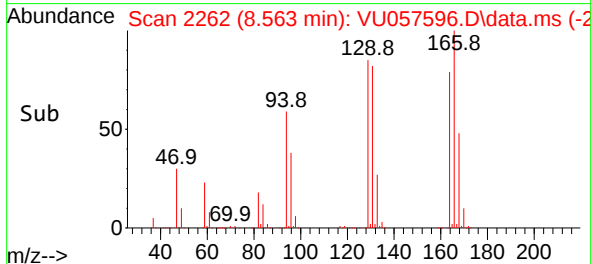
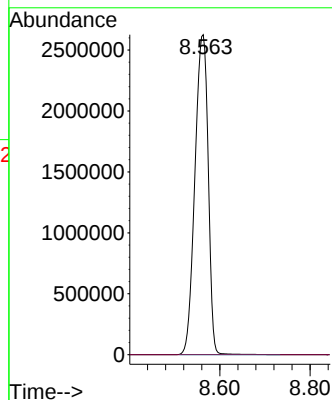
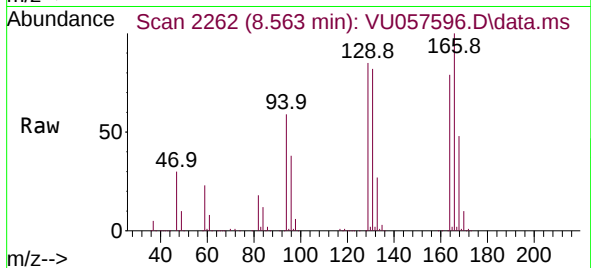
ClientSampleId :

Tgt Ion:129 Resp: 5335378

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.391 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057596.D

Acq: 24 Jan 2024 03:12

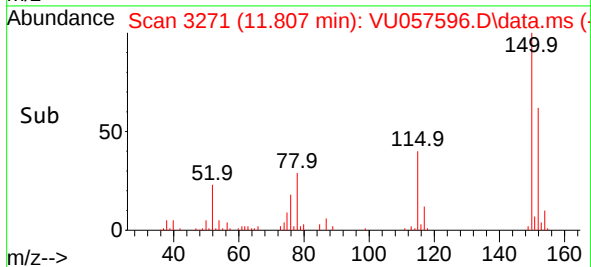
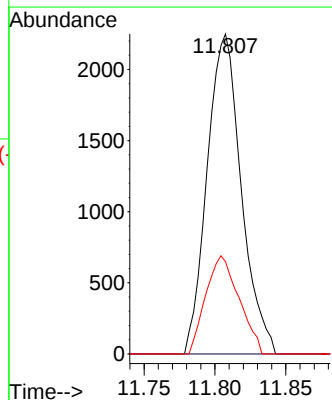
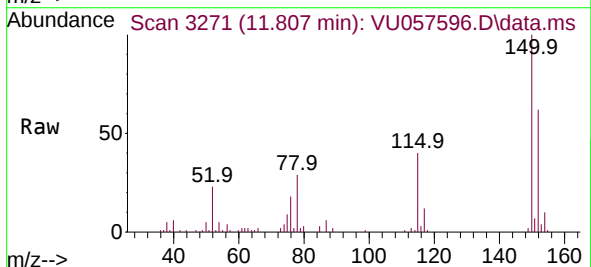
Tgt Ion: 75 Resp: 3765

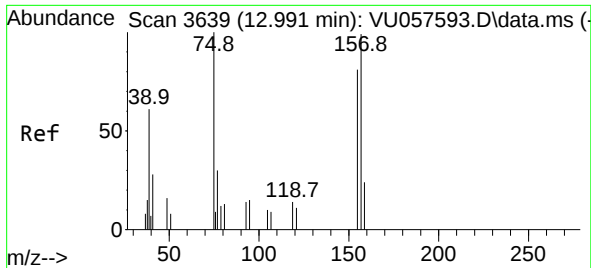
Ion Ratio Lower Upper

75 100

110 0.0 30.1 45.1#

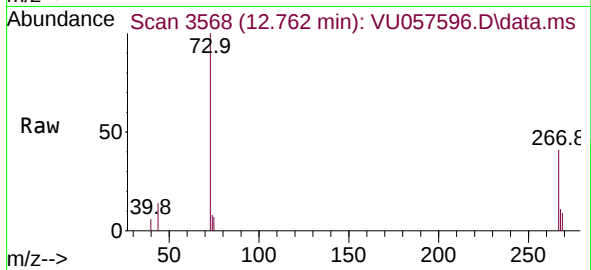
77 29.9 25.5 38.3





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.079 ug/L
 RT: 12.762 min Scan# 31
 Delta R.T. -0.228 min
 Lab File: VU057596.D
 Acq: 24 Jan 2024 03:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 40
 Ion Ratio Lower Upper
 75 100
 155 0.0 62.8 94.2#
 157 0.0 78.9 118.3#

