

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057014.D
 Acq On : 19 Dec 2023 00:29
 Operator : MD/SY
 Sample : 05830-03 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 05:12:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 02:36:03 2023
 Response via : Initial Calibration

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

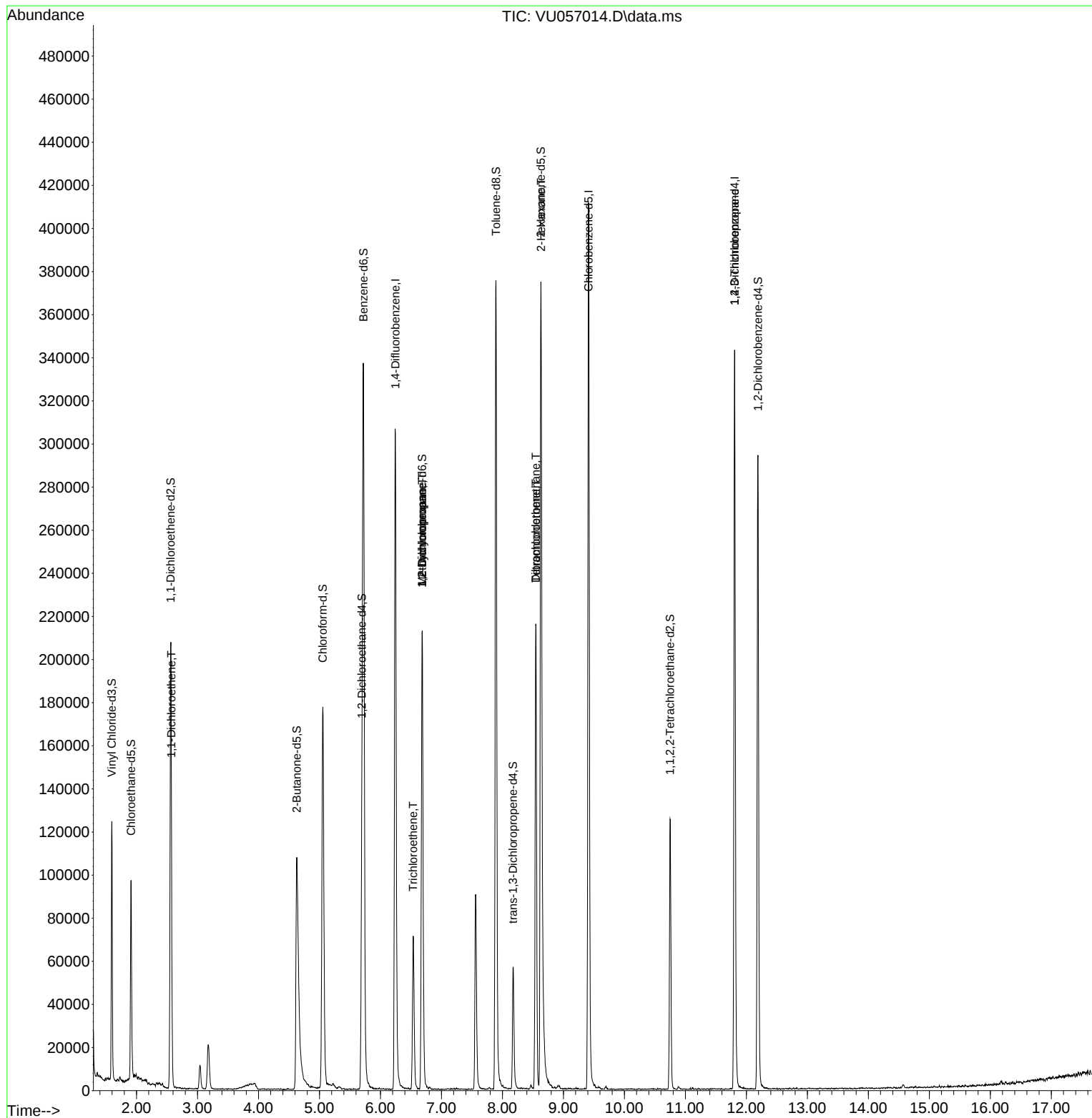
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	250993	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	239347	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	90572	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86628	4.027	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.911	69	68591	4.260	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.560	65	38129	4.142	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.628	46	178494	42.011	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.020%
24) Chloroform-d	5.055	84	174092	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.695	65	80494	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.721	84	323494	4.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.685	67	104694	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.894	98	264750	3.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.174	79	35779	3.971	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.631	63	133387	39.247	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	63320	3.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	79319	4.455	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	5814	0.285	ug/L #	1
34) Trichloroethene	6.537	95	25915	1.123	ug/L	96
35) Methylcyclohexane	6.685	83	25564	0.751	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	10704	0.497	ug/L #	89
47) Tetrachloroethene	8.550	164	48084	2.978	ug/L	97
48) 2-Hexanone	8.634	43	18800	2.583	ug/L #	76
49) Dibromochloromethane	8.550	129	48329	2.890	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11369	1.169	ug/L #	69

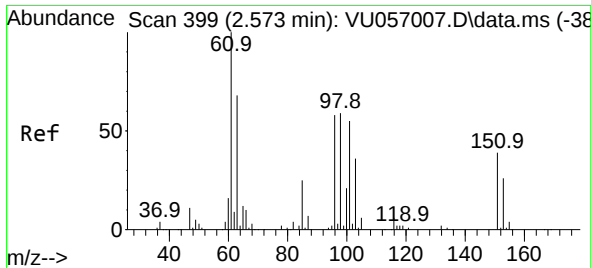
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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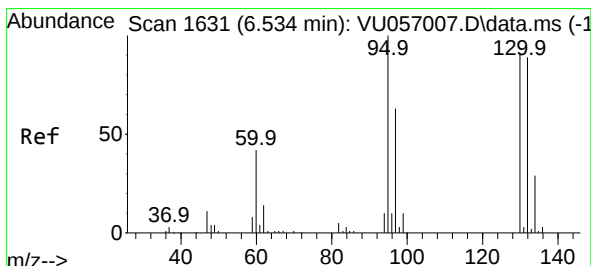
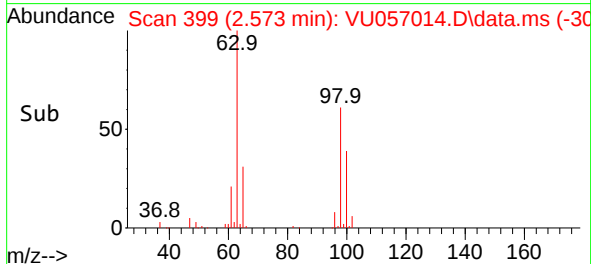
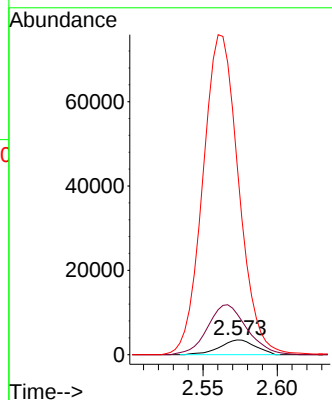
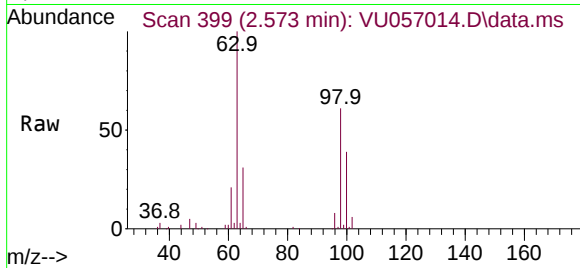




#12
1,1-Dichloroethene
Concen: 0.285 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU057014.D
Acq: 19 Dec 2023 00:29

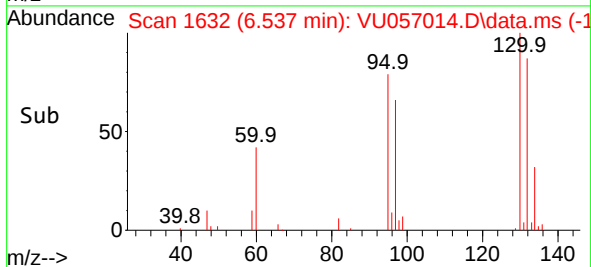
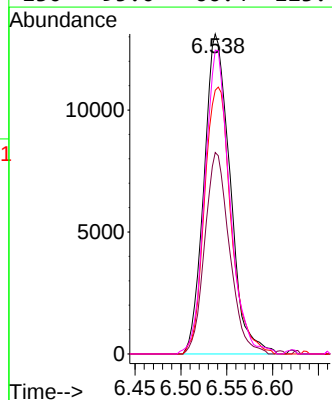
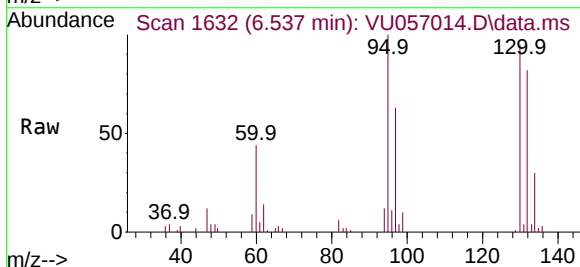
Instrument :
MSVOA_U
ClientSampleId :

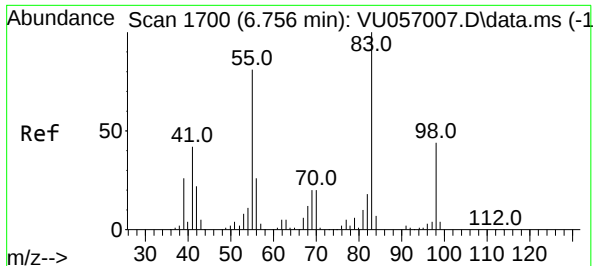
Tgt Ion: 96 Resp: 5814
Ion Ratio Lower Upper
96 100
61 276.2 119.0 221.0#
63 1288.1 88.7 164.7#



#34
Trichloroethene
Concen: 1.123 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU057014.D
Acq: 19 Dec 2023 00:29

Tgt Ion: 95 Resp: 25915
Ion Ratio Lower Upper
95 100
97 63.0 46.1 85.5
132 82.4 63.6 118.0
130 95.0 66.4 123.4

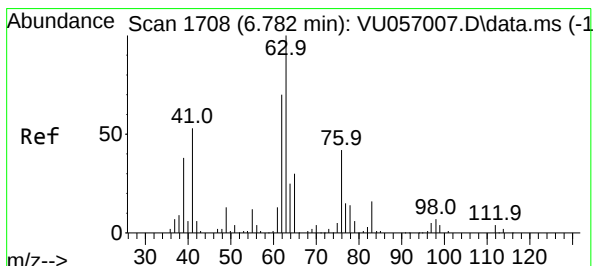
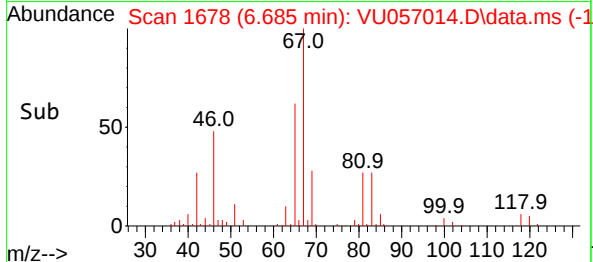
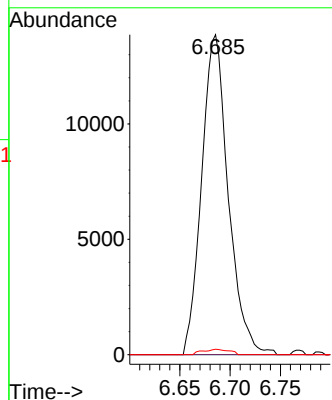
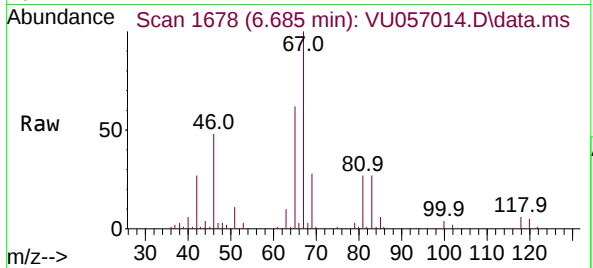




#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057014.D
Acq: 19 Dec 2023 00:29

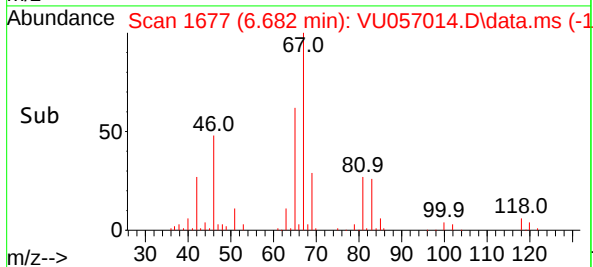
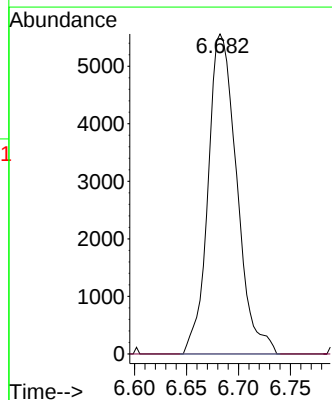
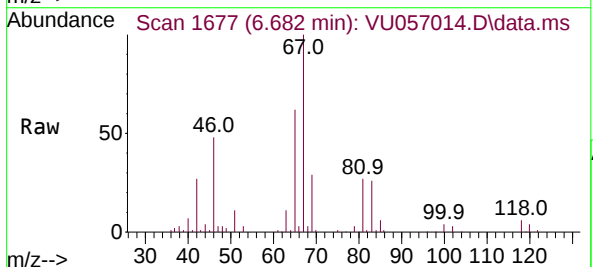
Instrument :
MSVOA_U
ClientSampleId :

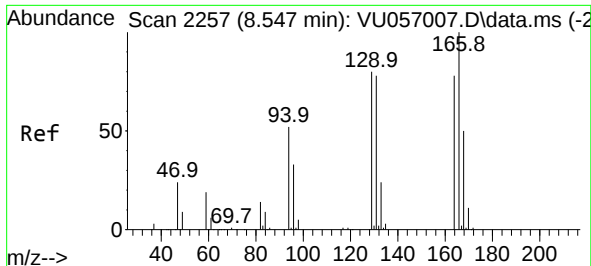
Tgt Ion: 83 Resp: 25564
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 1.7 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.497 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU057014.D
Acq: 19 Dec 2023 00:29

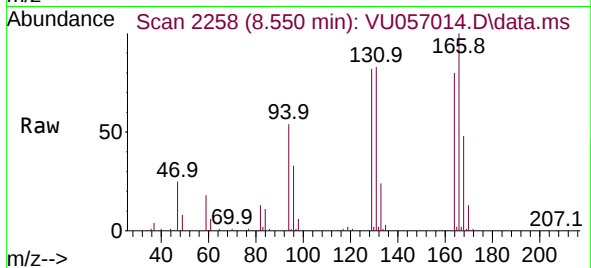
Tgt Ion: 63 Resp: 10704
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



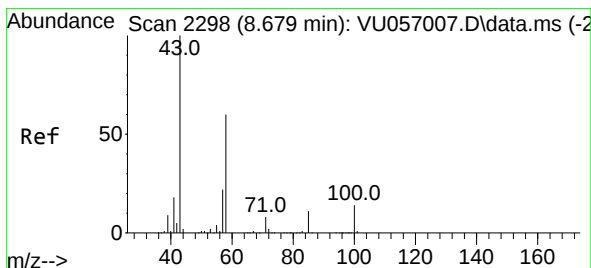
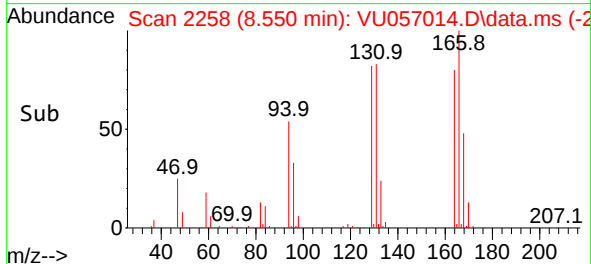
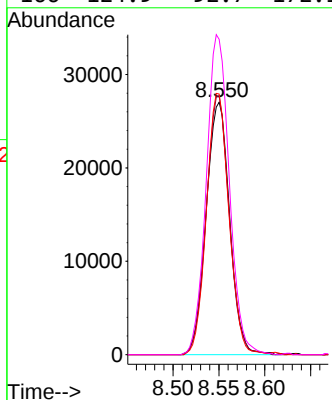


#47
Tetrachloroethene
Concen: 2.978 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057014.D
Acq: 19 Dec 2023 00:29

Instrument :
MSVOA_U
ClientSampleId :

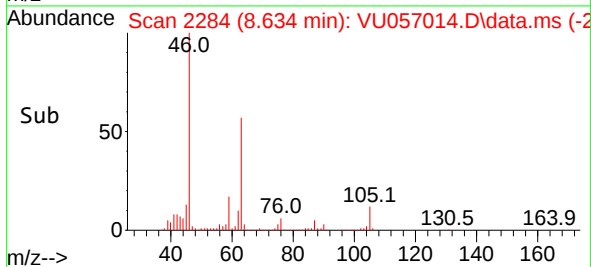
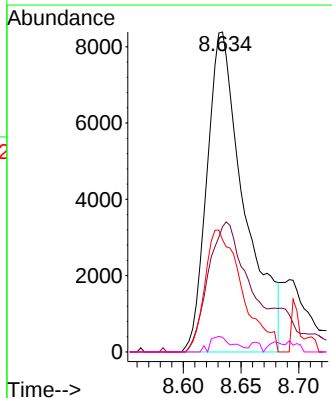
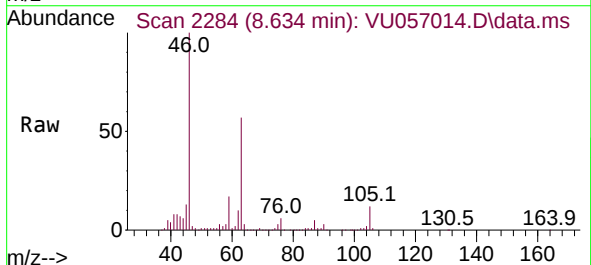


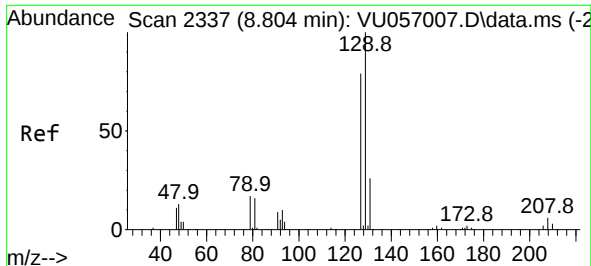
Tgt Ion:164 Resp: 48084
Ion Ratio Lower Upper
164 100
129 102.5 73.4 136.4
131 103.2 71.5 132.9
166 124.9 92.7 172.1



#48
2-Hexanone
Concen: 2.583 ug/L
RT: 8.634 min Scan# 2284
Delta R.T. -0.045 min
Lab File: VU057014.D
Acq: 19 Dec 2023 00:29

Tgt Ion: 43 Resp: 18800
Ion Ratio Lower Upper
43 100
58 44.3 47.5 71.3#
57 38.1 17.0 25.4#
100 3.0 9.8 14.8#





#49

Dibromochloromethane

Concen: 2.890 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU057014.D

Acq: 19 Dec 2023 00:29

Instrument :

MSVOA_U

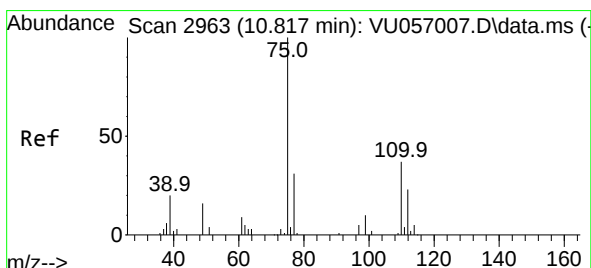
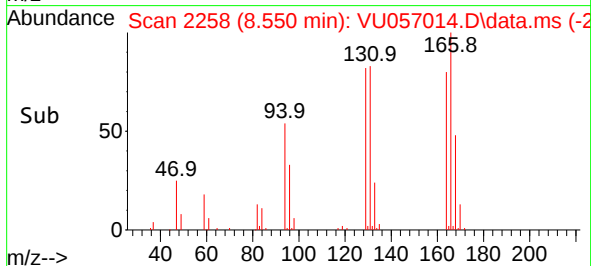
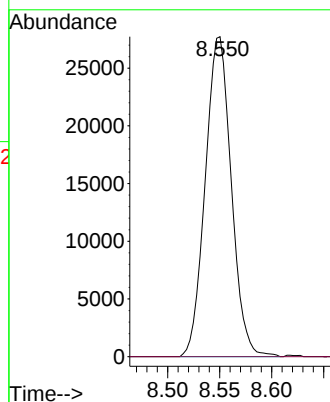
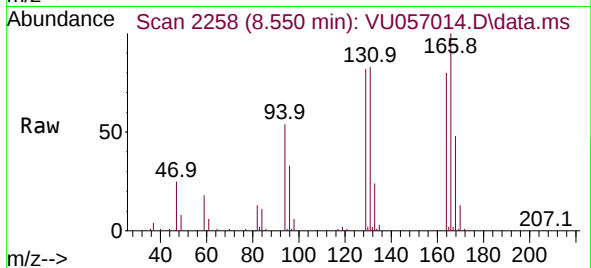
ClientSampleId :

Tgt Ion:129 Resp: 48329

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.169 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057014.D

Acq: 19 Dec 2023 00:29

Tgt Ion: 75 Resp: 11369

Ion Ratio Lower Upper

75 100

110 1.8 28.4 42.6#

77 32.2 26.3 39.5

