

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057015.D
 Acq On : 19 Dec 2023 00:53
 Operator : MD/SY
 Sample : 05830-04 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 05:12:46 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)

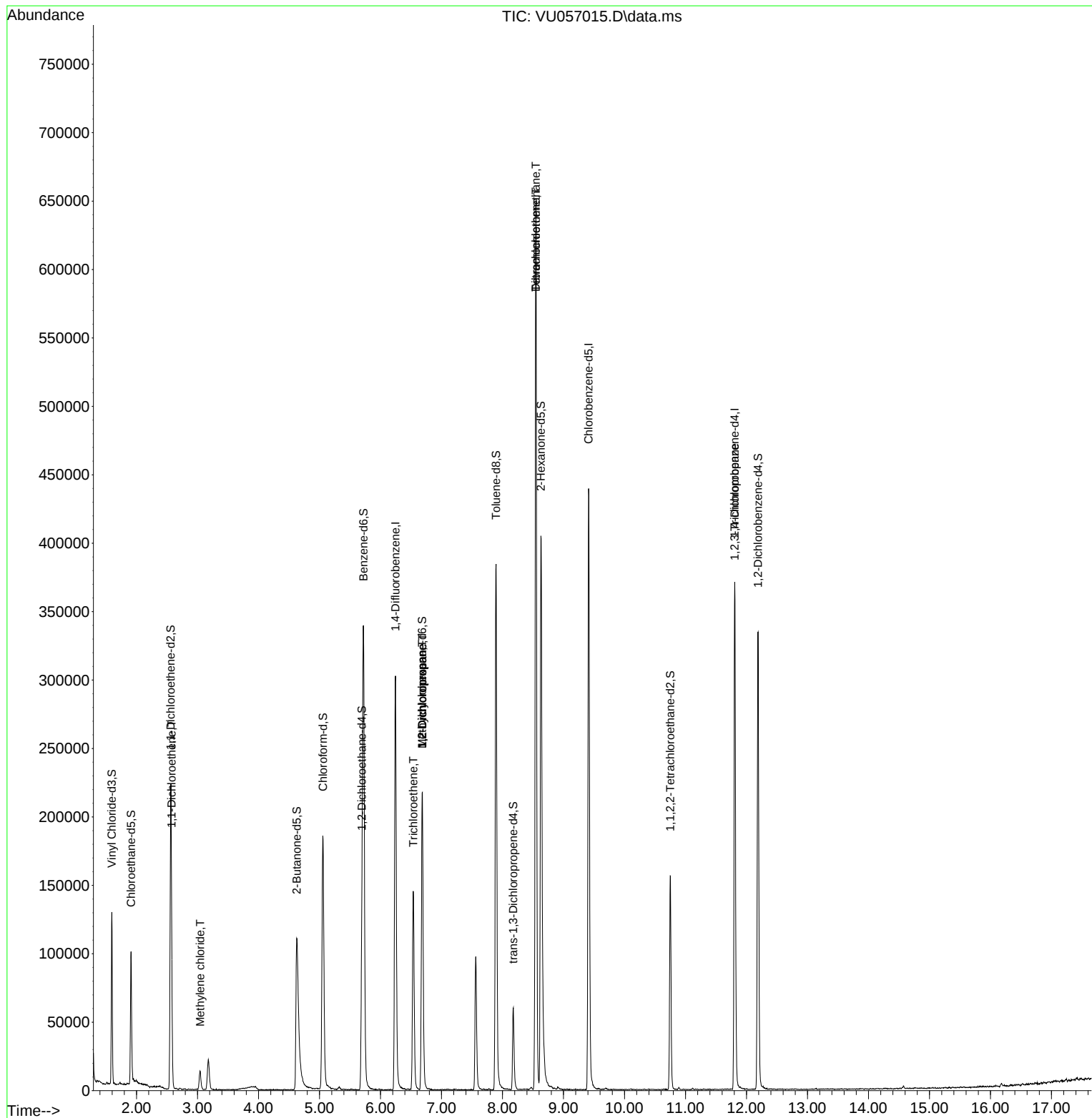
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	245121	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	255875	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	89855	4.277	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.911	69	71176	4.527	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.560	65	38643	4.299	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.627	46	187724	45.242	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.480%
24) Chloroform-d	5.055	84	179801	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.695	65	85417	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.721	84	334160	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.682	67	106572	4.290	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.894	98	264134	3.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.177	79	35694	3.705	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.631	63	147930	40.715	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.420%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	79018	4.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	91265	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	16288	0.818	ug/L #	1
16) Methylene chloride	3.042	84	7185	0.331	ug/L	92
34) Trichloroethene	6.537	95	52325	2.121	ug/L	99
35) Methylcyclohexane	6.682	83	25704	0.706	ug/L #	23
37) 1,2-Dichloropropane	6.685	63	12011	0.522	ug/L #	89
47) Tetrachloroethene	8.547	164	139399	8.075	ug/L	95
49) Dibromochloromethane	8.547	129	139397	7.798	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	11775	1.104	ug/L #	67

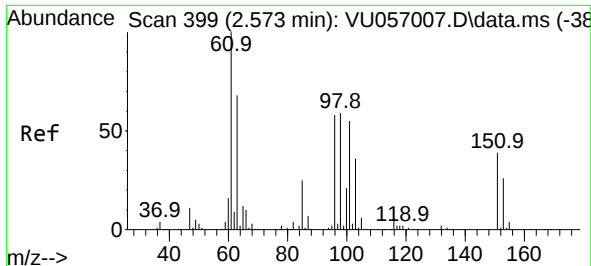
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.818 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU057015.D

Acq: 19 Dec 2023 00:53

Instrument :

MSVOA_U

ClientSampleId :

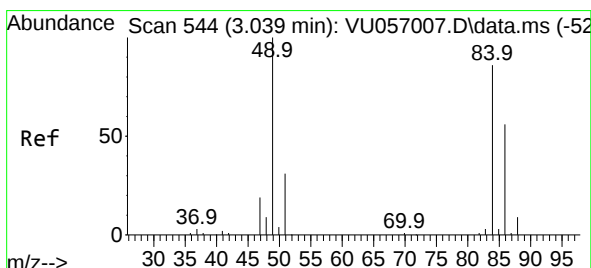
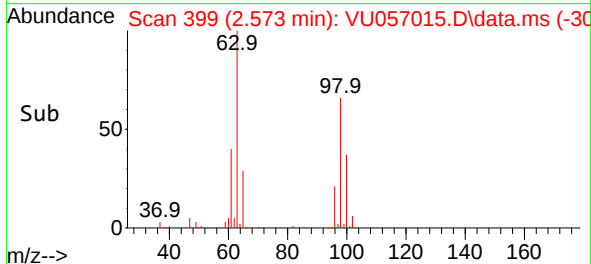
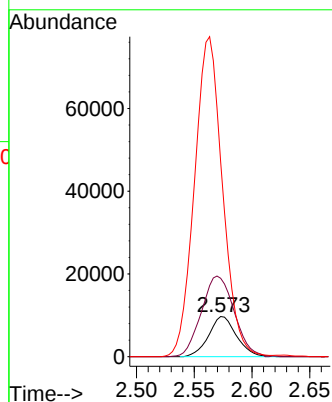
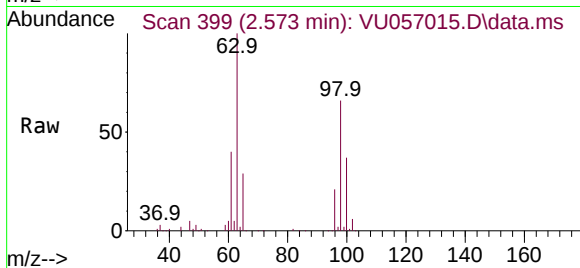
Tgt Ion: 96 Resp: 16288

Ion Ratio Lower Upper

96 100

61 195.1 119.0 221.0

63 484.4 88.7 164.7#



#16

Methylene chloride

Concen: 0.331 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU057015.D

Acq: 19 Dec 2023 00:53

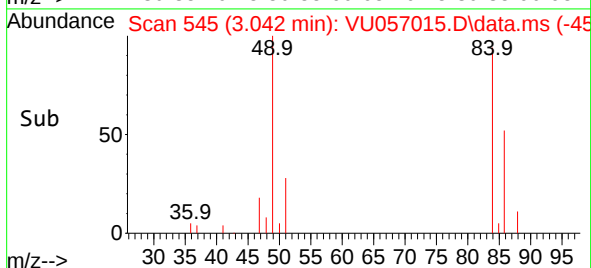
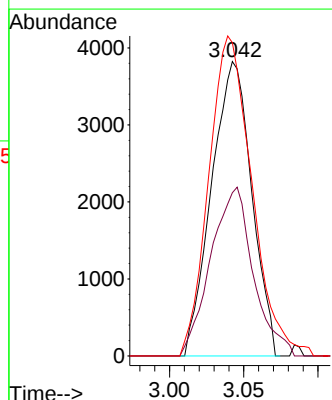
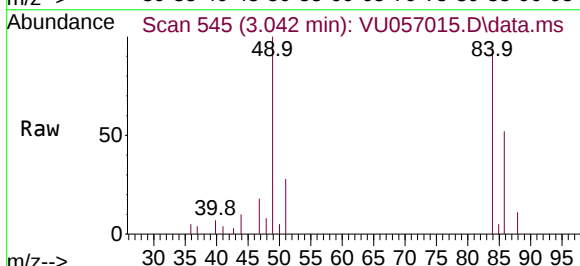
Tgt Ion: 84 Resp: 7185

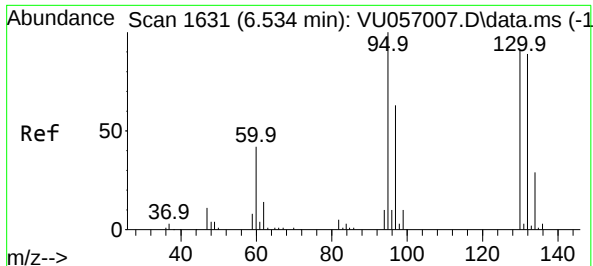
Ion Ratio Lower Upper

84 100

86 55.4 43.6 81.0

49 106.4 80.6 149.6

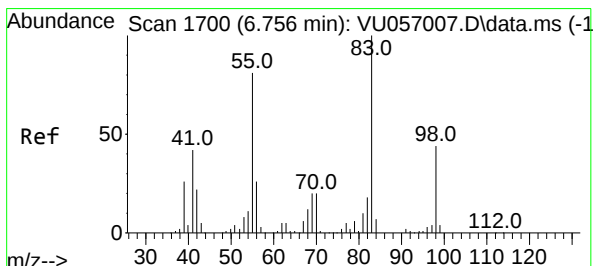
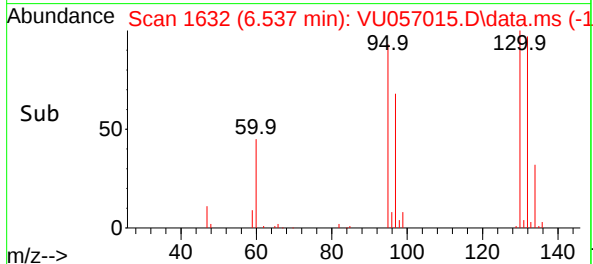
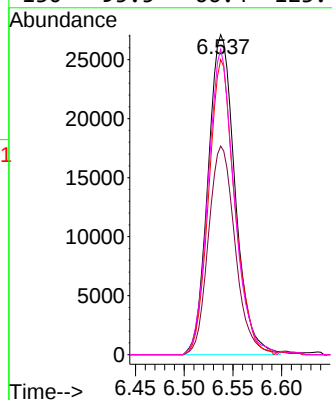
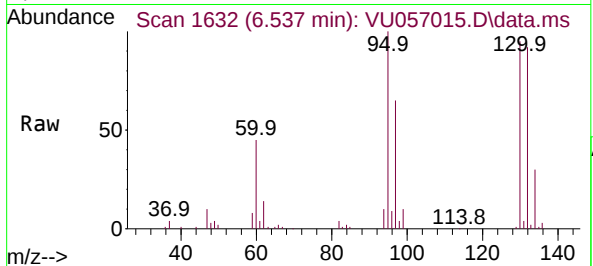




#34
Trichloroethene
Concen: 2.121 ug/L
RT: 6.537 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU057015.D
Acq: 19 Dec 2023 00:53

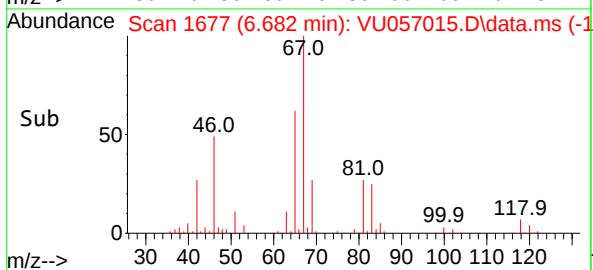
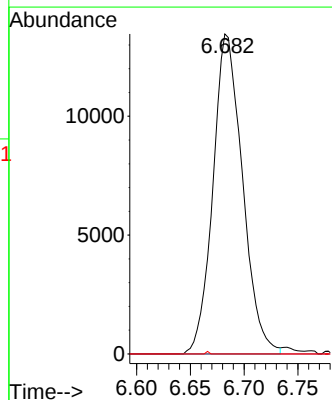
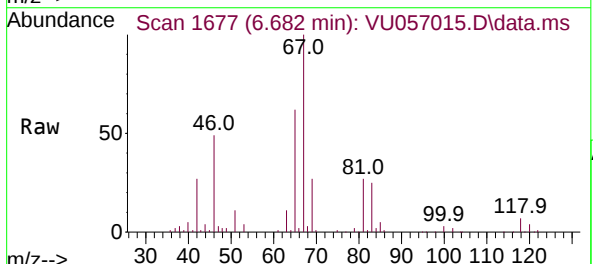
Instrument :
MSVOA_U
ClientSampleId :

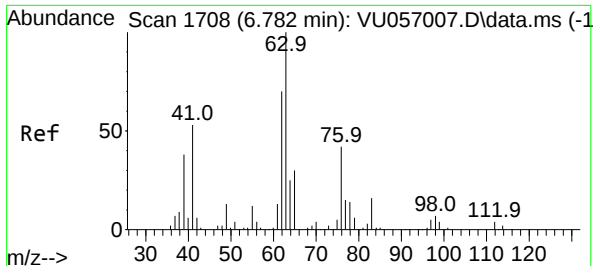
Tgt Ion: 95 Resp: 52325
Ion Ratio Lower Upper
95 100
97 65.2 46.1 85.5
132 92.2 63.6 118.0
130 95.5 66.4 123.4



#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057015.D
Acq: 19 Dec 2023 00:53

Tgt Ion: 83 Resp: 25704
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 11.3 36.1 54.1#

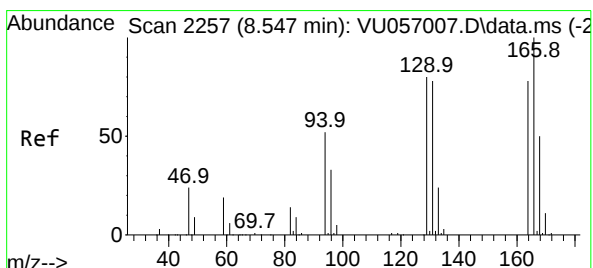
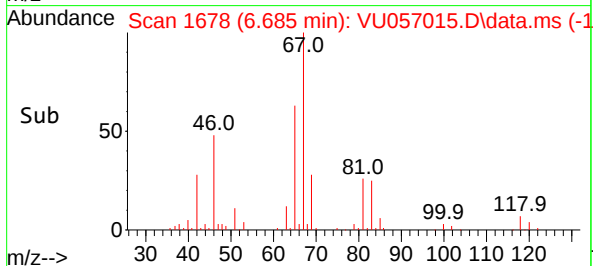
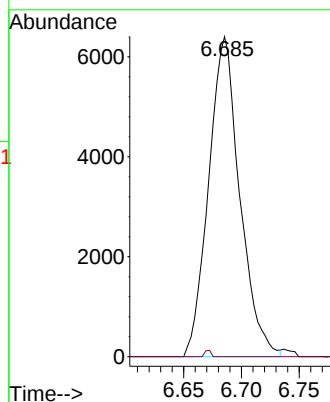
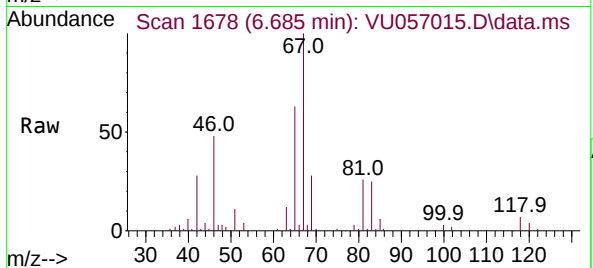




#37
1,2-Dichloropropane
Concen: 0.522 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU057015.D
Acq: 19 Dec 2023 00:53

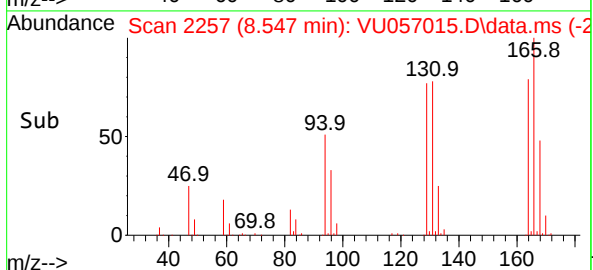
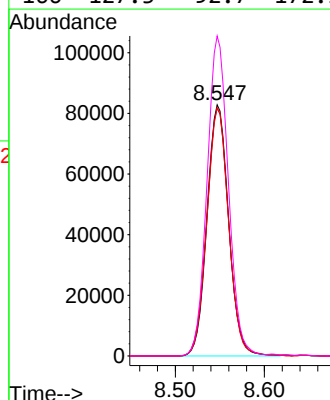
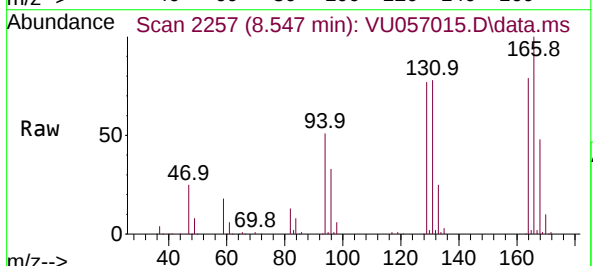
Instrument :
MSVOA_U
ClientSampleId :

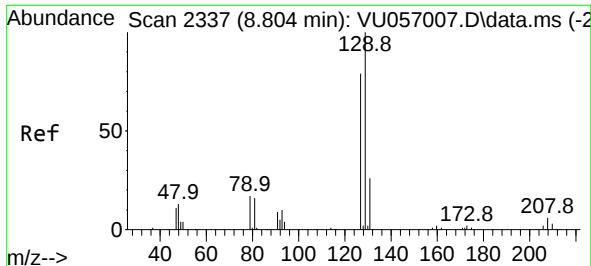
Tgt Ion: 63 Resp: 12011
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



#47
Tetrachloroethene
Concen: 8.075 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057015.D
Acq: 19 Dec 2023 00:53

Tgt Ion:164 Resp: 139399
Ion Ratio Lower Upper
164 100
129 98.6 73.4 136.4
131 98.7 71.5 132.9
166 127.3 92.7 172.1





#49

Dibromochloromethane

Concen: 7.798 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057015.D

Acq: 19 Dec 2023 00:53

Instrument :

MSVOA_U

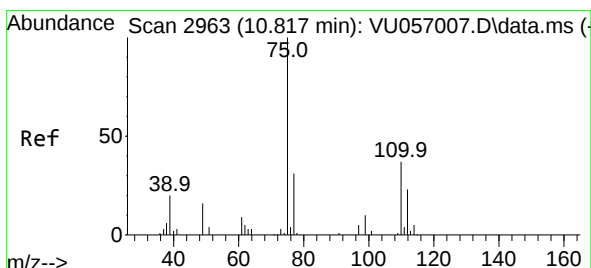
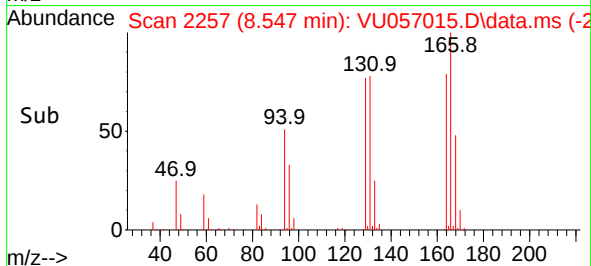
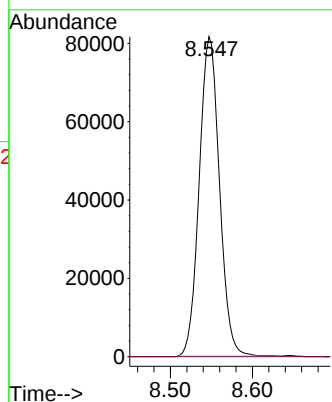
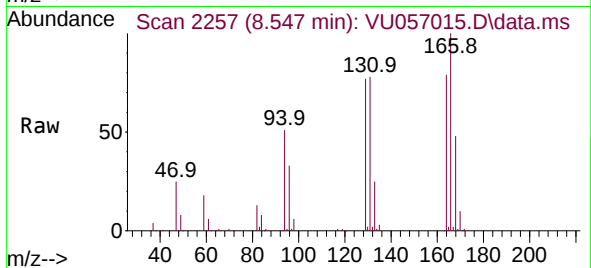
ClientSampleId :

Tgt Ion:129 Resp: 139397

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.104 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU057015.D

Acq: 19 Dec 2023 00:53

Tgt Ion: 75 Resp: 11775

Ion Ratio Lower Upper

75 100

110 2.0 28.4 42.6#

77 37.0 26.3 39.5

