

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056813.D
 Acq On : 13 Dec 2023 03:24
 Operator : MD/SY
 Sample : 05675-20DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC3DL

Quant Time: Dec 13 05:01:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

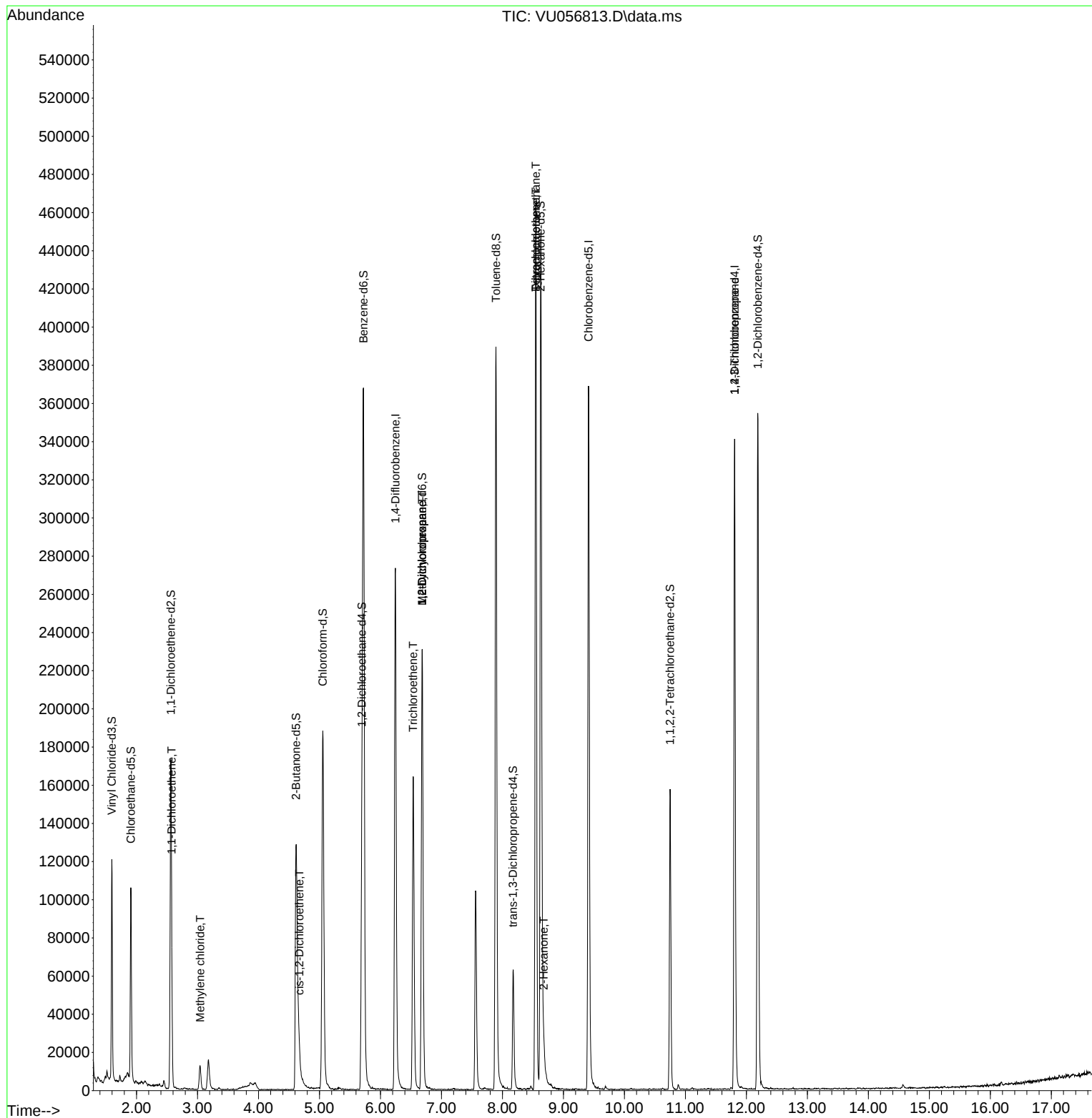
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	224029	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	218485	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89940	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	81643	4.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.907	69	75258	5.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	2.563	65	31831	3.874	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.618	46	197319	52.031	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.060%
24) Chloroform-d	5.055	84	182244	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.695	65	94231	5.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	5.721	84	354075	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.685	67	117047	5.518	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.400%
41) Toluene-d8	7.894	98	274844	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.174	79	38650	4.699	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.627	63	151593	48.863	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.720%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	78535	5.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	96605	5.464	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	8298	0.456	ug/L #	1
16) Methylene chloride	3.046	84	6144	0.310	ug/L	99
22) cis-1,2-Dichloroethene	4.669	96	3895	0.194	ug/L	86
34) Trichloroethene	6.537	95	58082	2.758	ug/L	99
35) Methylcyclohexane	6.682	83	26808	0.862	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	12428	0.633	ug/L #	89
47) Tetrachloroethene	8.547	164	98917	6.710	ug/L	99
48) 2-Hexanone	8.679	43	7025	1.058	ug/L #	46
49) Dibromochloromethane	8.547	129	102184	6.695	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11892	1.231	ug/L #	69

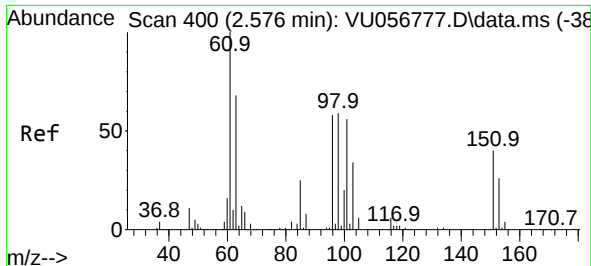
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.456 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU056813.D

Acq: 13 Dec 2023 03:24

Instrument :

MSVOA_U

ClientSampleId :

H0AC3DL

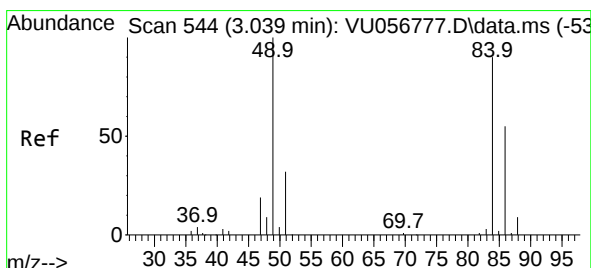
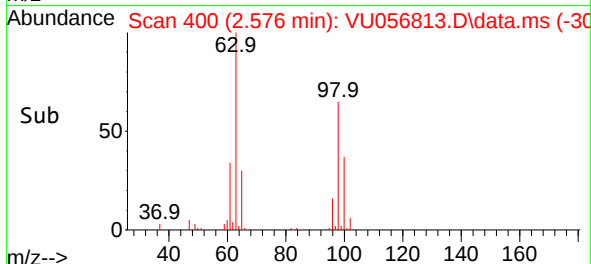
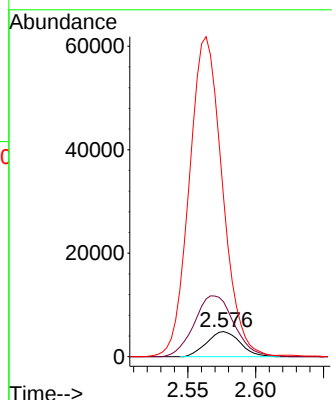
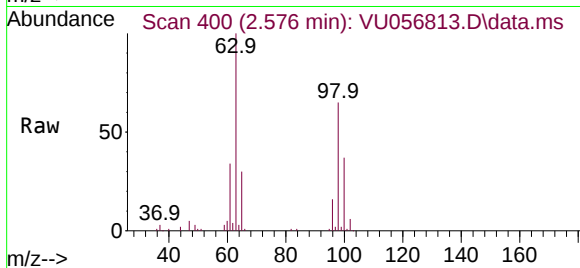
Tgt Ion: 96 Resp: 8298

Ion Ratio Lower Upper

96 100

61 219.1 119.0 221.0

63 635.5 88.7 164.7#



#16

Methylene chloride

Concen: 0.310 ug/L

RT: 3.046 min Scan# 546

Delta R.T. 0.007 min

Lab File: VU056813.D

Acq: 13 Dec 2023 03:24

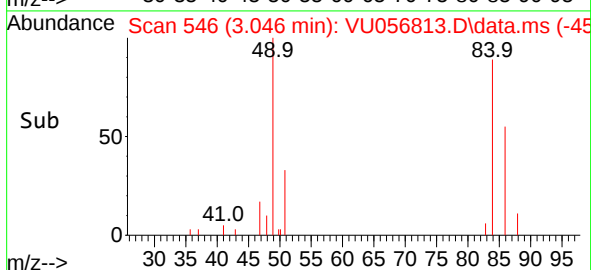
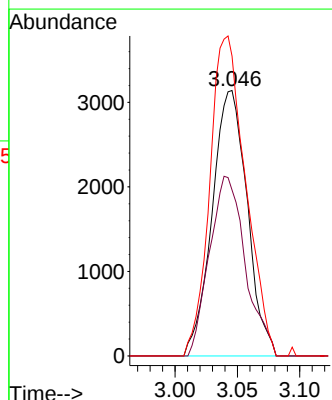
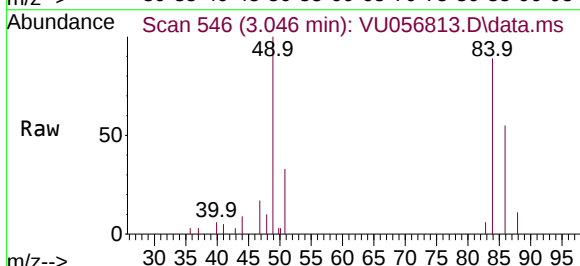
Tgt Ion: 84 Resp: 6144

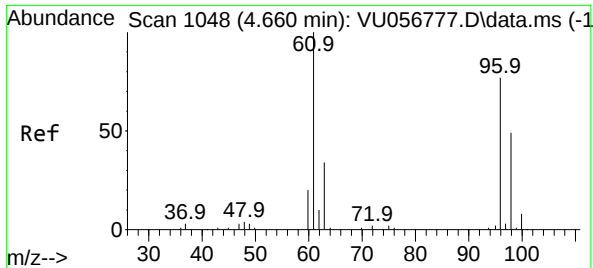
Ion Ratio Lower Upper

84 100

86 62.5 43.6 81.0

49 116.4 80.6 149.6

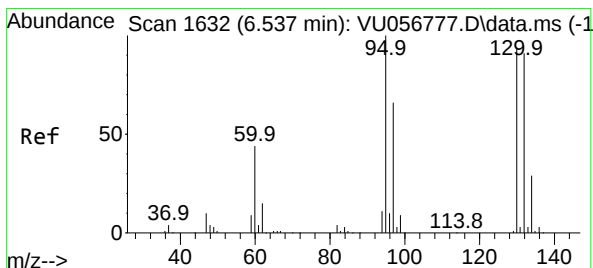
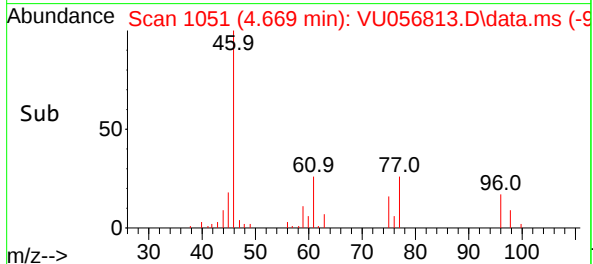
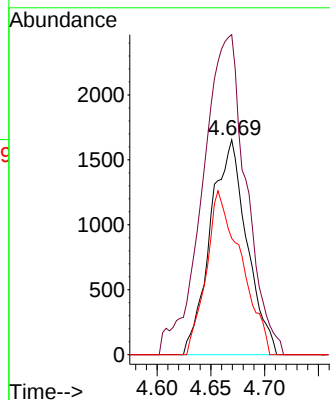
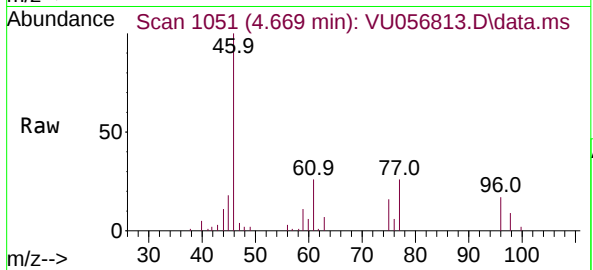




#22
cis-1,2-Dichloroethene
Concen: 0.194 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.010 min
Lab File: VU056813.D
Acq: 13 Dec 2023 03:24

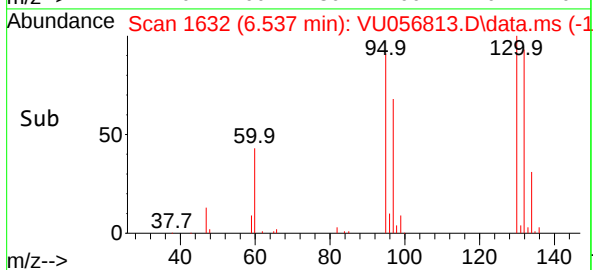
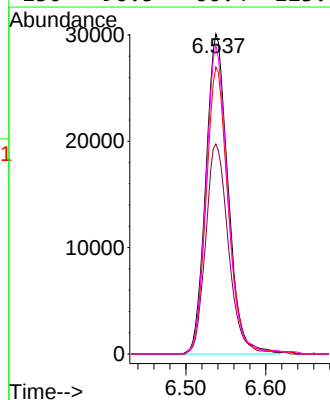
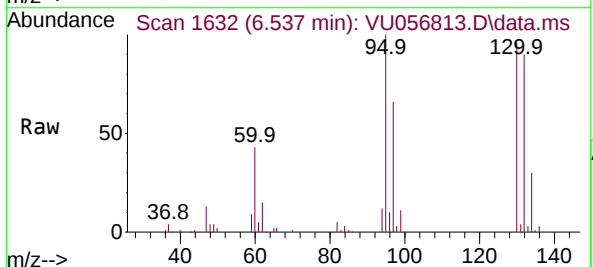
Instrument :
MSVOA_U
ClientSampleId :
H0AC3DL

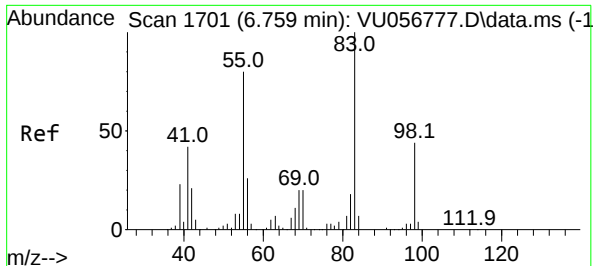
Tgt Ion: 96 Resp: 3895
Ion Ratio Lower Upper
96 100
61 149.0 91.3 169.6
98 54.2 44.2 82.0



#34
Trichloroethene
Concen: 2.758 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056813.D
Acq: 13 Dec 2023 03:24

Tgt Ion: 95 Resp: 58082
Ion Ratio Lower Upper
95 100
97 65.6 46.1 85.5
132 89.6 63.6 118.0
130 96.5 66.4 123.4





#35

Methylcyclohexane

Concen: 0.862 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU056813.D

Acq: 13 Dec 2023 03:24

Instrument :

MSVOA_U

ClientSampleId :

H0AC3DL

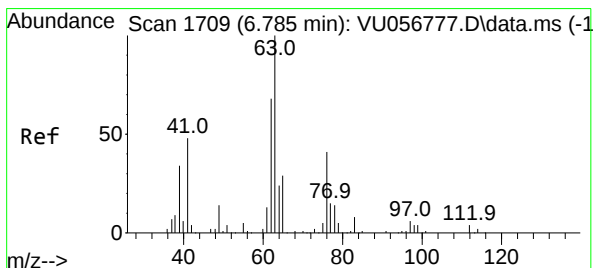
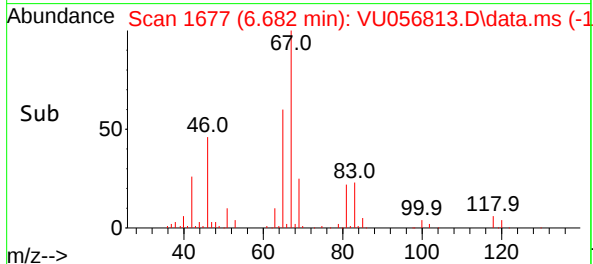
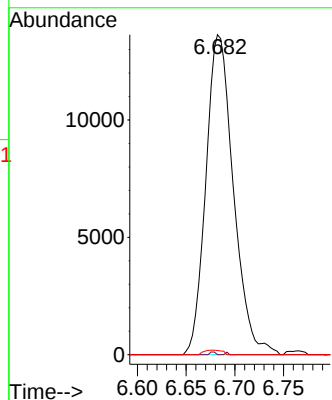
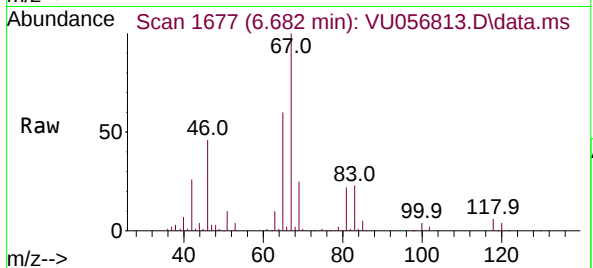
Tgt Ion: 83 Resp: 26808

Ion Ratio Lower Upper

83 100

55 0.2 64.6 97.0#

98 0.9 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.633 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU056813.D

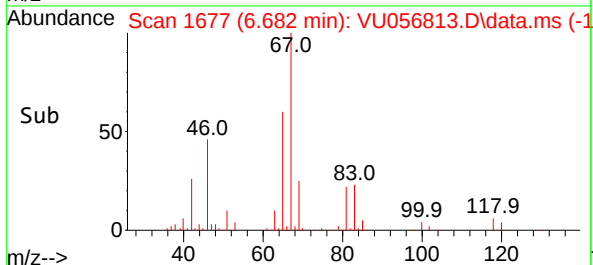
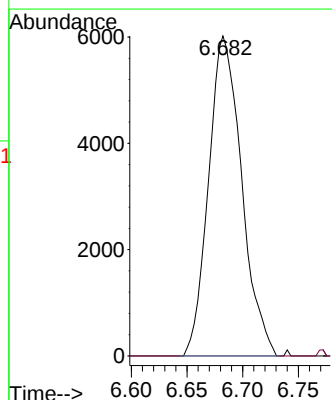
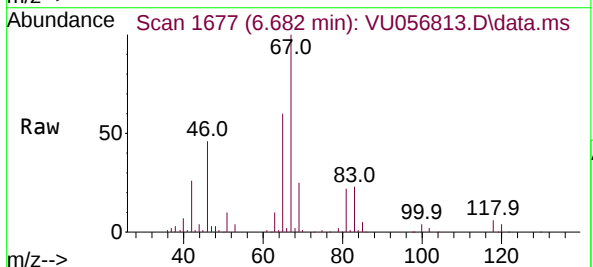
Acq: 13 Dec 2023 03:24

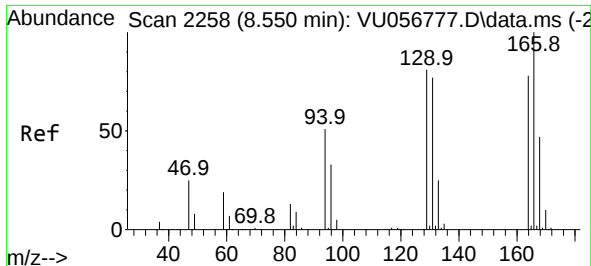
Tgt Ion: 63 Resp: 12428

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#

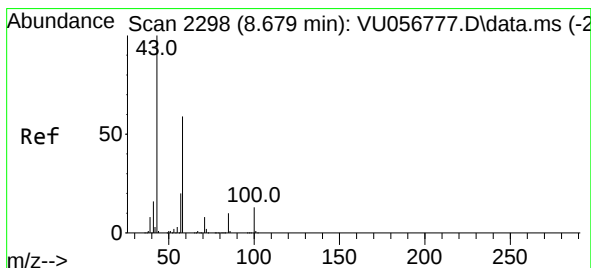
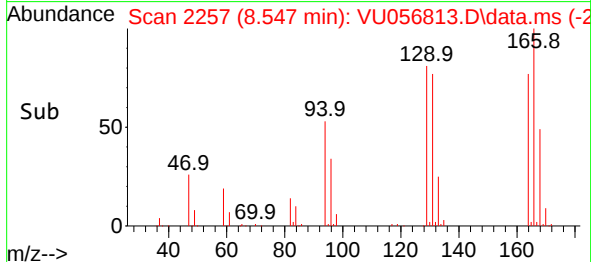
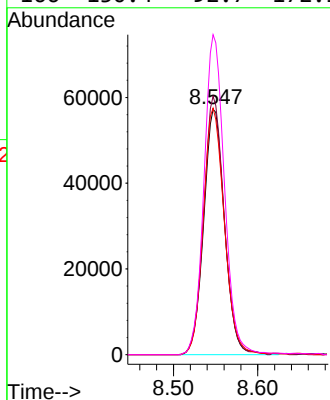
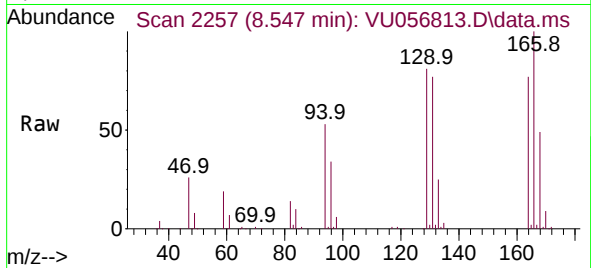




#47
Tetrachloroethene
Concen: 6.710 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056813.D
Acq: 13 Dec 2023 03:24

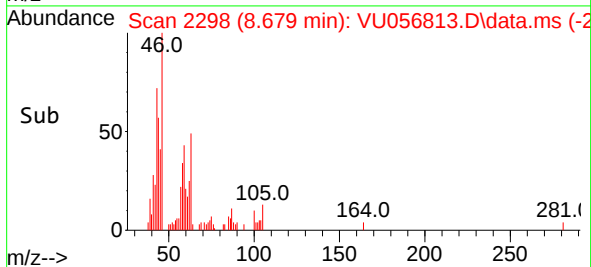
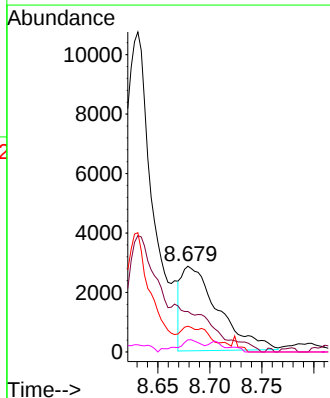
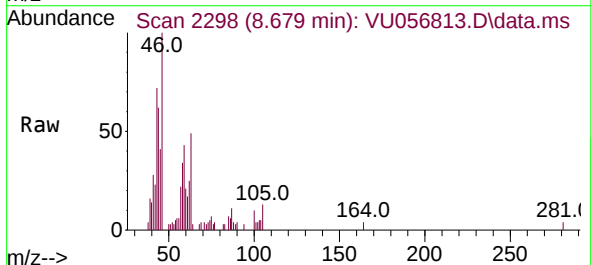
Instrument :
MSVOA_U
ClientSampleId :
H0AC3DL

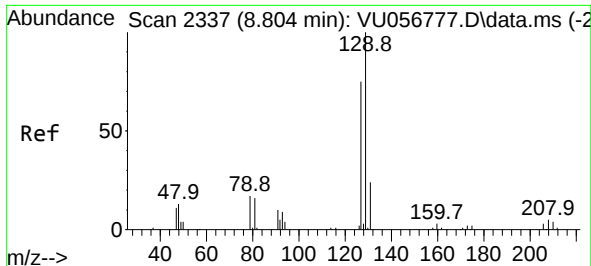
Tgt Ion:164 Resp: 98917
Ion Ratio Lower Upper
164 100
129 105.3 73.4 136.4
131 100.5 71.5 132.9
166 130.4 92.7 172.1



#48
2-Hexanone
Concen: 1.058 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU056813.D
Acq: 13 Dec 2023 03:24

Tgt Ion: 43 Resp: 7025
Ion Ratio Lower Upper
43 100
58 0.0 47.5 71.3#
57 26.6 17.0 25.4#
100 8.9 9.8 14.8#





#49

Dibromochloromethane

Concen: 6.695 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056813.D

Acq: 13 Dec 2023 03:24

Instrument :

MSVOA_U

ClientSampleId :

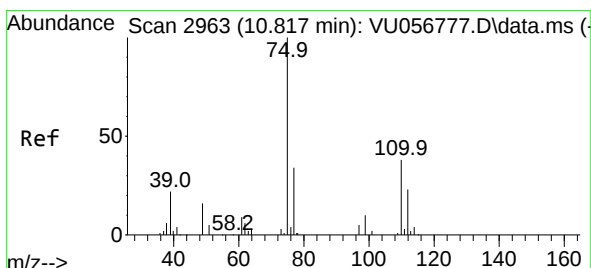
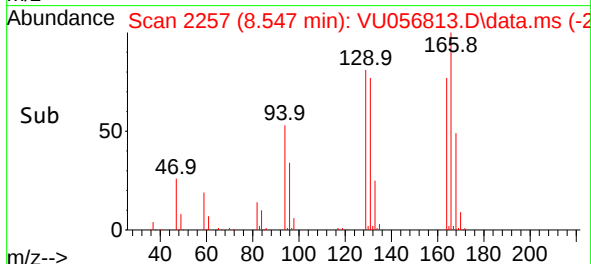
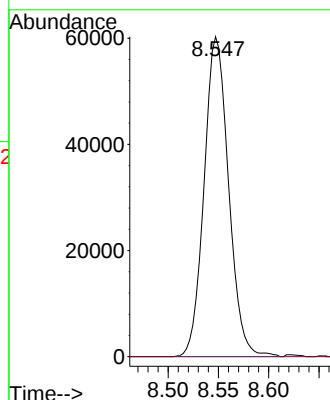
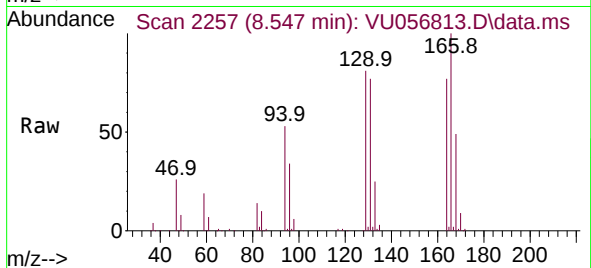
H0AC3DL

Tgt Ion:129 Resp: 102184

Ion Ratio Lower Upper

129 100

127 0.2 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.231 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056813.D

Acq: 13 Dec 2023 03:24

Tgt Ion: 75 Resp: 11892

Ion Ratio Lower Upper

75 100

110 1.7 28.4 42.6#

77 31.2 26.3 39.5

