

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011224\
 Data File : VU057483.D
 Acq On : 12 Jan 2024 15:28
 Operator : MD/SY
 Sample : P1062-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 01:38:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 01:34:13 2024
 Response via : Initial Calibration

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

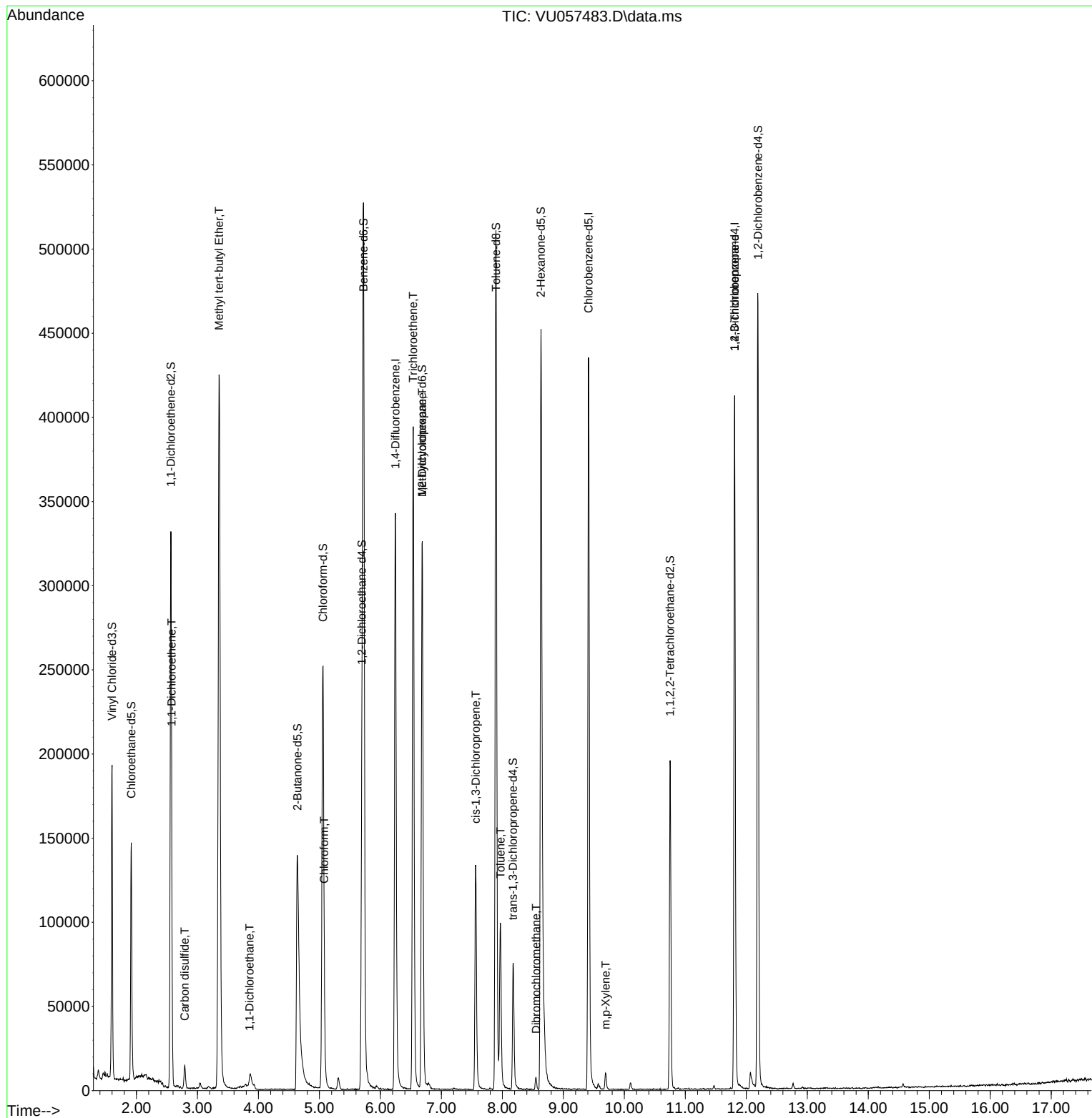
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	271499	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	234708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105818	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	131566	4.776	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.914	69	105400	4.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.563	65	61455	5.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.600%
20) 2-Butanone-d5	4.637	46	281485	54.024	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.040%
24) Chloroform-d	5.059	84	236309	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	127952	5.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	5.721	84	494105	5.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.400%
36) 1,2-Dichloropropane-d6	6.685	67	156128	5.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.000%
41) Toluene-d8	7.894	98	345825	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.174	79	43023	4.637	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.631	63	149900	44.617	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	96475	5.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	119753	5.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	11410	0.719	ug/L #	1
14) Carbon disulfide	2.792	76	18786	0.424	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	462909	11.764	ug/L	99
19) 1,1-Dichloroethane	3.856	63	7802	0.220	ug/L #	77
25) Chloroform	5.078	83	6569	0.178	ug/L	97
34) Trichloroethene	6.538	95	144705	7.988	ug/L	97
35) Methylcyclohexane	6.685	83	36388	1.511	ug/L #	15
39) cis-1,3-Dichloropropene	7.563	75	3781	0.146	ug/L #	63
42) Toluene	7.968	91	73897	1.087	ug/L	94
49) Dibromochloromethane	8.554	129	1797	0.133	ug/L #	10
53) m,p-Xylene	9.695	106	3040	0.121	ug/L	72
61) 1,2,3-Trichloropropane	11.807	75	14247	1.439	ug/L #	69

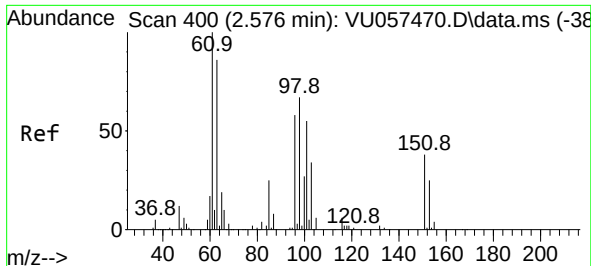
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.719 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU057483.D

Acq: 12 Jan 2024 15:28

Instrument :

MSVOA_U

ClientSampleId :

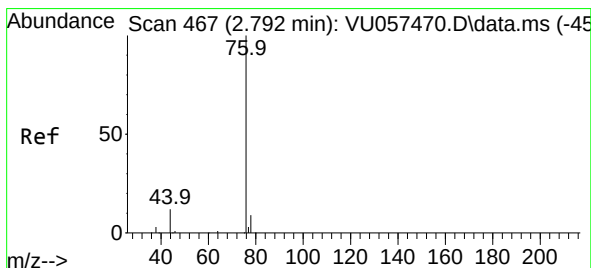
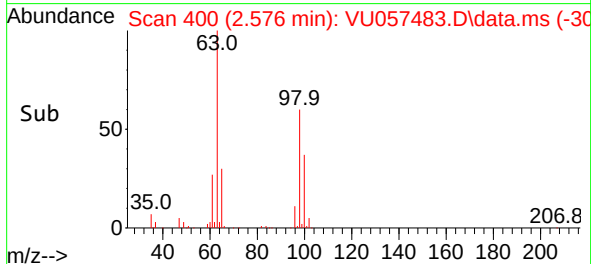
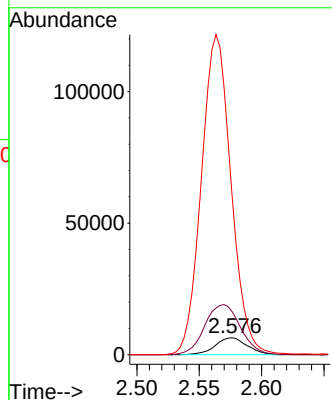
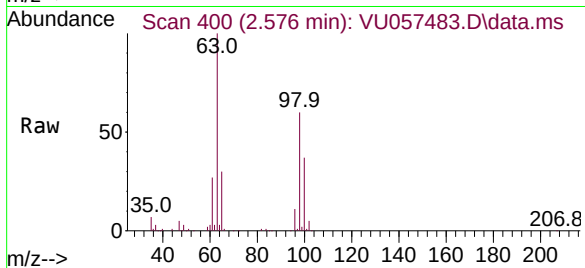
Tgt Ion: 96 Resp: 11410

Ion Ratio Lower Upper

96 100

61 253.5 130.9 243.1#

63 938.1 114.8 213.2#



#14

Carbon disulfide

Concen: 0.424 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU057483.D

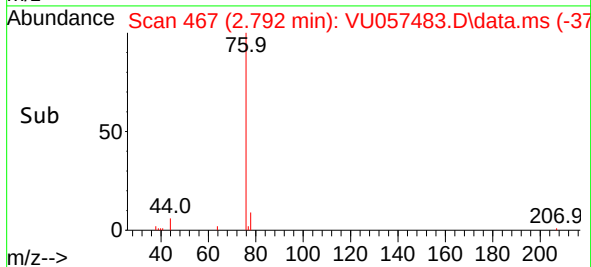
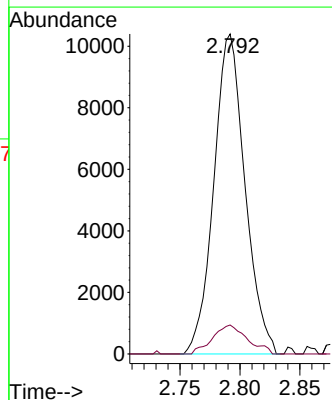
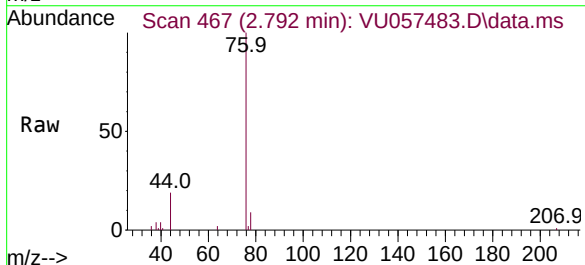
Acq: 12 Jan 2024 15:28

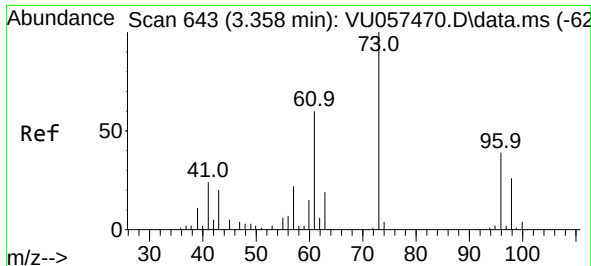
Tgt Ion: 76 Resp: 18786

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#17

Methyl tert-butyl Ether

Concen: 11.764 ug/L

RT: 3.354 min Scan# 64

Delta R.T. -0.003 min

Lab File: VU057483.D

Acq: 12 Jan 2024 15:28

Instrument :

MSVOA_U

ClientSampleId :

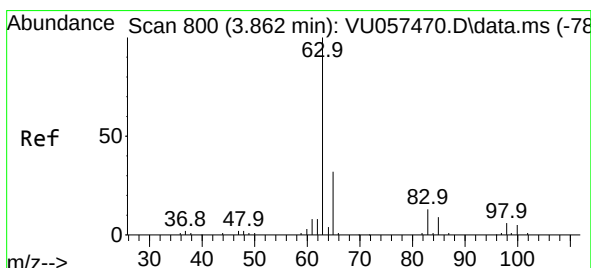
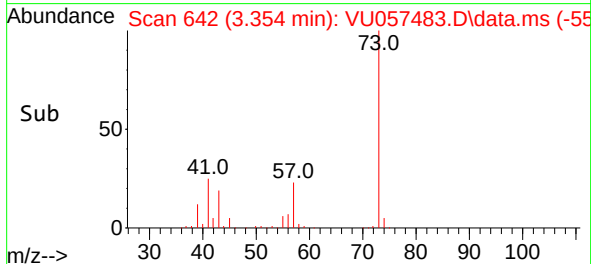
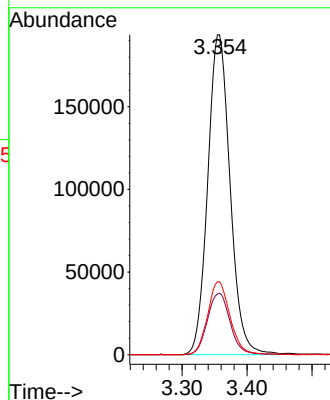
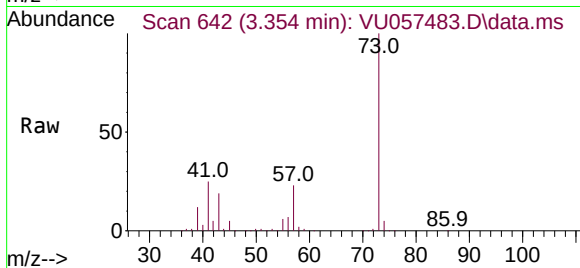
Tgt Ion: 73 Resp: 462909

Ion Ratio Lower Upper

73 100

43 19.5 16.1 24.1

57 22.8 18.2 27.4



#19

1,1-Dichloroethane

Concen: 0.220 ug/L

RT: 3.856 min Scan# 798

Delta R.T. -0.006 min

Lab File: VU057483.D

Acq: 12 Jan 2024 15:28

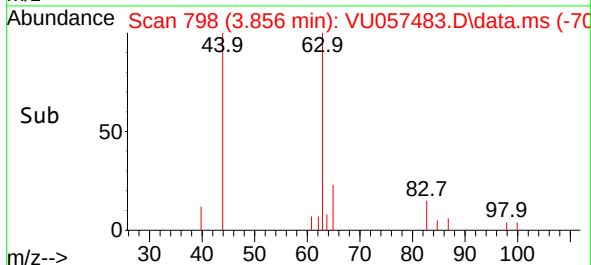
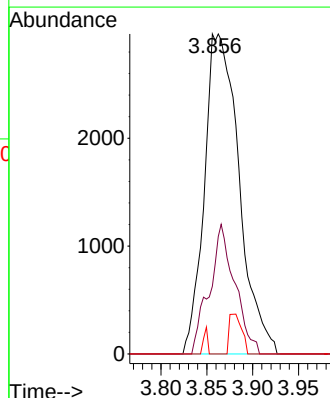
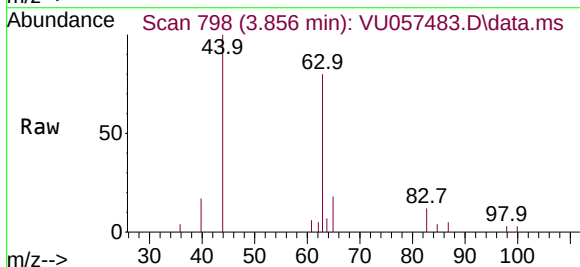
Tgt Ion: 63 Resp: 7802

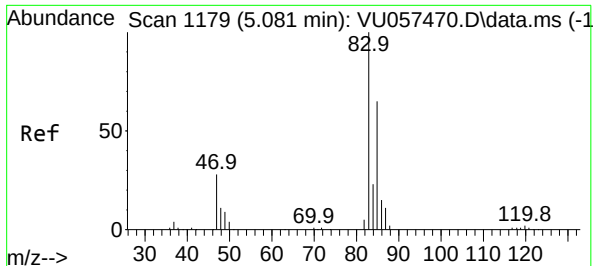
Ion Ratio Lower Upper

63 100

65 21.2 22.3 41.3#

83 0.0 9.1 16.9#





#25

Chloroform

Concen: 0.178 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU057483.D

Acq: 12 Jan 2024 15:28

Instrument :

MSVOA_U

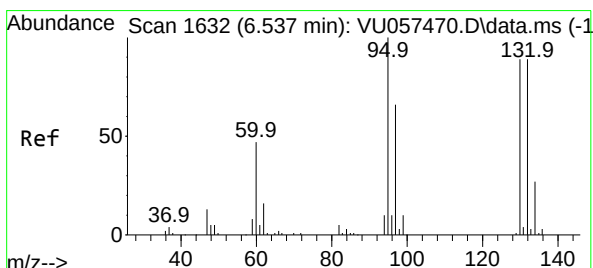
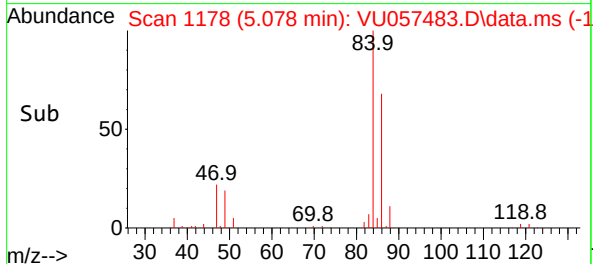
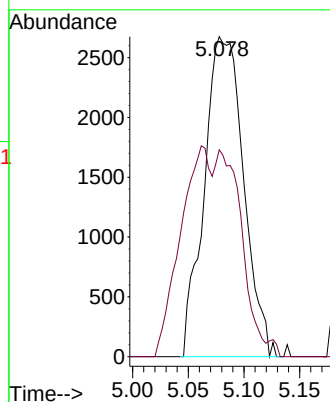
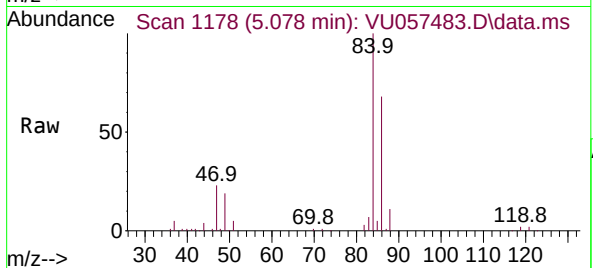
ClientSampleId :

Tgt Ion: 83 Resp: 6569

Ion Ratio Lower Upper

83 100

85 64.6 46.7 86.7



#34

Trichloroethene

Concen: 7.988 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU057483.D

Acq: 12 Jan 2024 15:28

Tgt Ion: 95 Resp: 144705

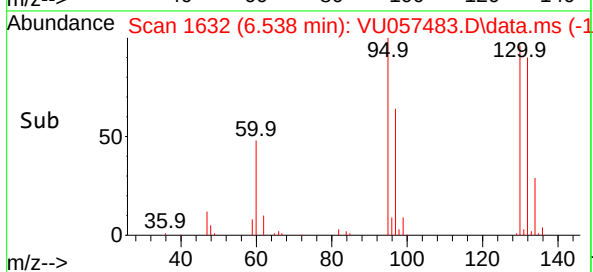
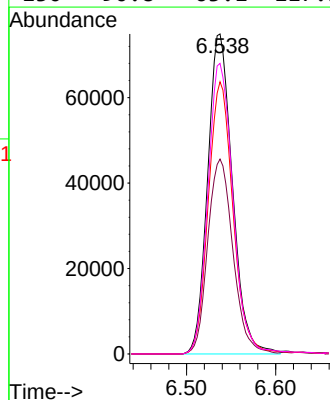
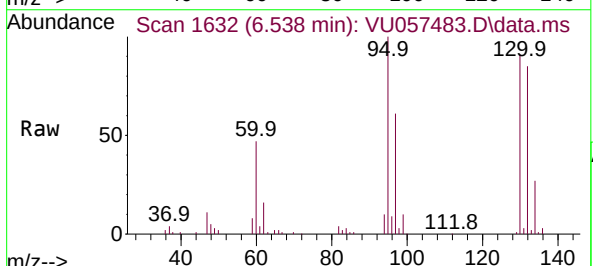
Ion Ratio Lower Upper

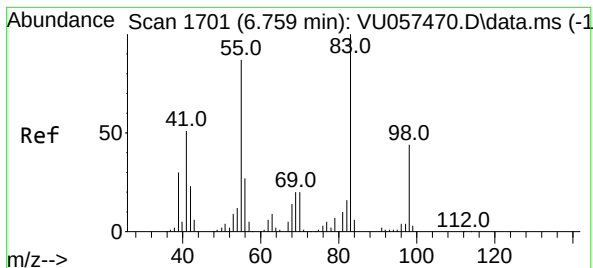
95 100

97 60.9 45.0 83.6

132 85.0 61.7 114.5

130 90.8 63.1 117.3





#35

Methylcyclohexane

Concen: 1.511 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057483.D

Acq: 12 Jan 2024 15:28

Instrument :

MSVOA_U

ClientSampleId :

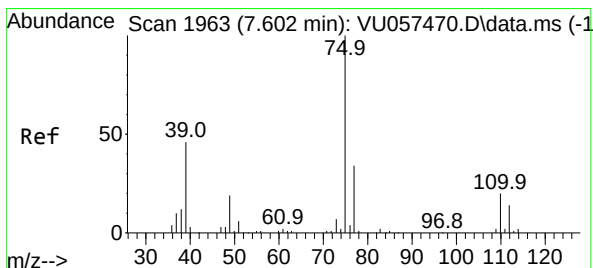
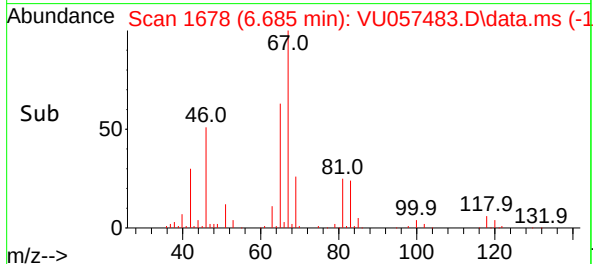
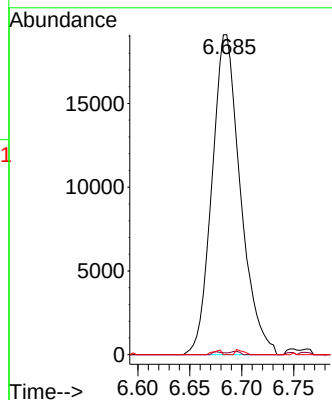
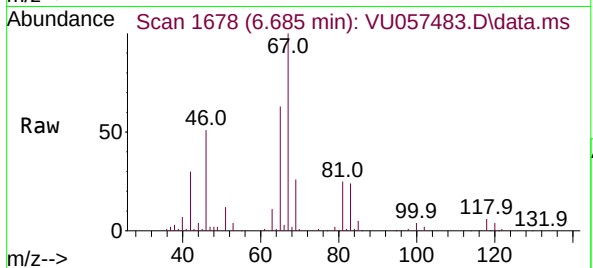
Tgt Ion: 83 Resp: 36388

Ion Ratio Lower Upper

83 100

55 0.3 68.7 103.1#

98 0.4 36.3 54.5#



#39

cis-1,3-Dichloropropene

Concen: 0.146 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.039 min

Lab File: VU057483.D

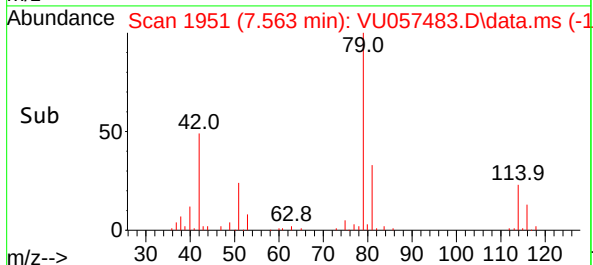
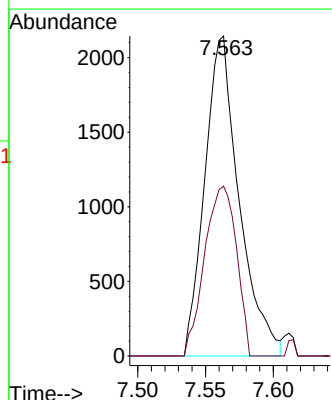
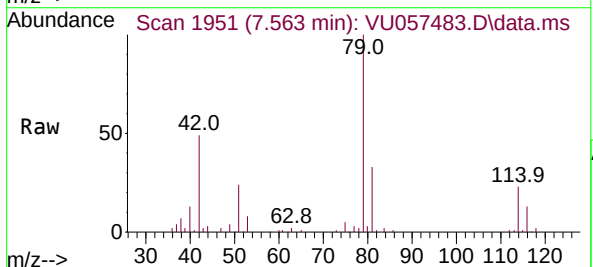
Acq: 12 Jan 2024 15:28

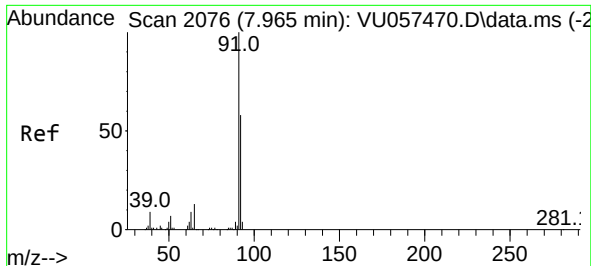
Tgt Ion: 75 Resp: 3781

Ion Ratio Lower Upper

75 100

77 53.1 22.5 41.9#





#42

Toluene

Concen: 1.087 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057483.D

Acq: 12 Jan 2024 15:28

Instrument :

MSVOA_U

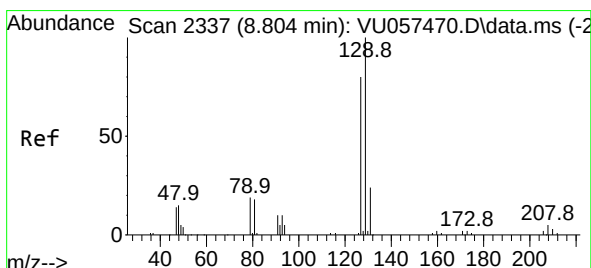
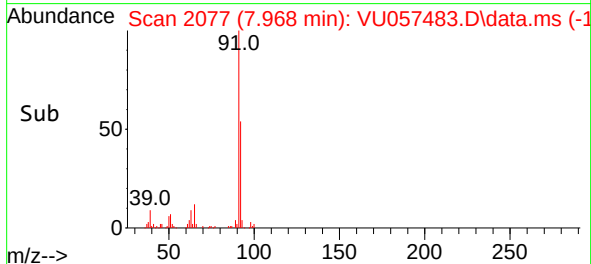
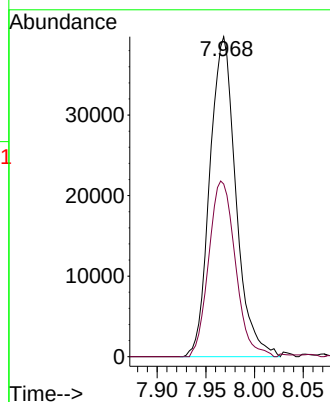
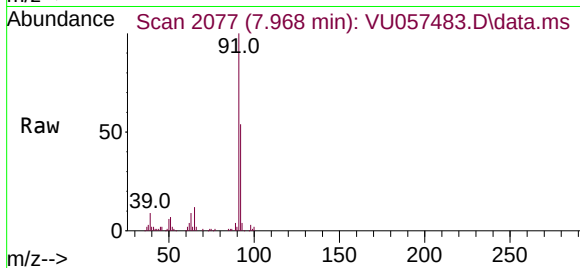
ClientSampleId :

Tgt Ion: 91 Resp: 73897

Ion Ratio Lower Upper

91 100

92 54.0 41.2 76.4



#49

Dibromochloromethane

Concen: 0.133 ug/L

RT: 8.554 min Scan# 2259

Delta R.T. -0.251 min

Lab File: VU057483.D

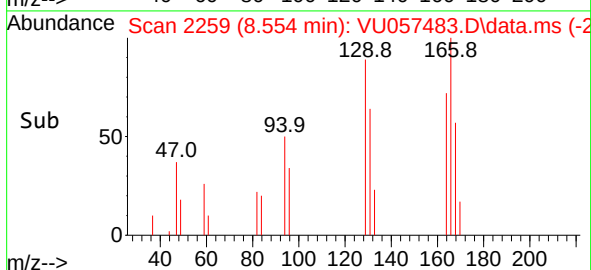
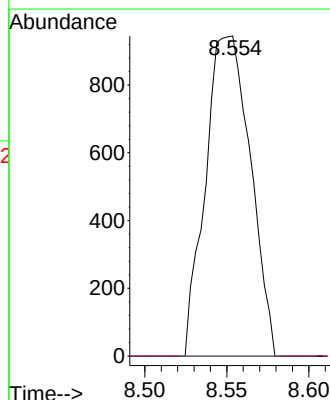
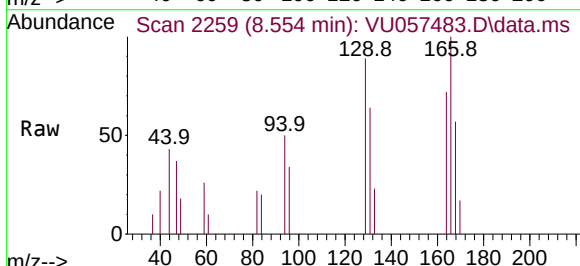
Acq: 12 Jan 2024 15:28

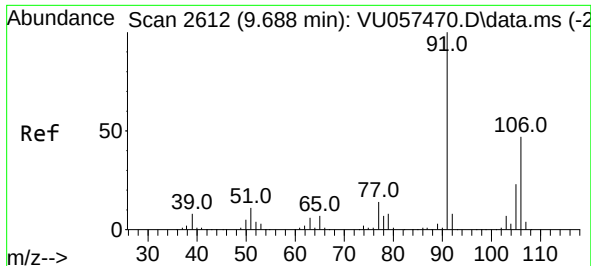
Tgt Ion: 129 Resp: 1797

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

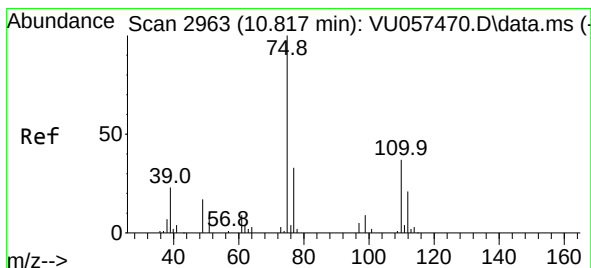
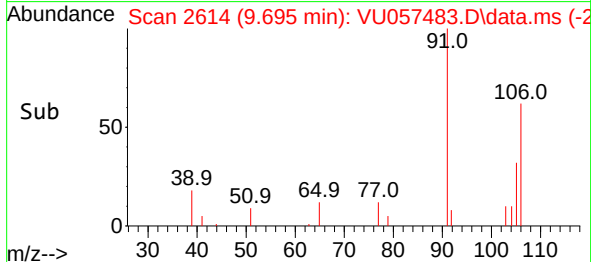
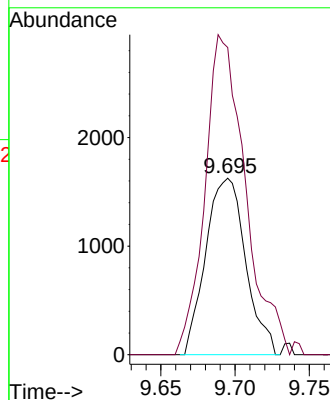
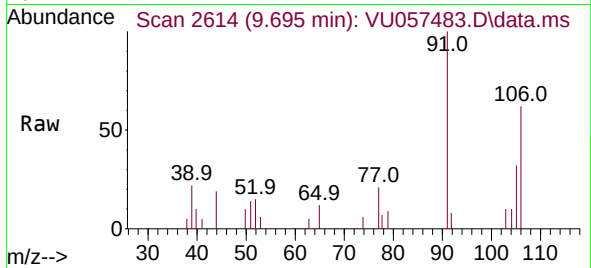




#53
 m,p-Xylene
 Concen: 0.121 ug/L
 RT: 9.695 min Scan# 2614
 Delta R.T. 0.006 min
 Lab File: VU057483.D
 Acq: 12 Jan 2024 15:28

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:106 Resp: 3040
 Ion Ratio Lower Upper
 106 100
 91 174.1 153.4 285.0



#61
 1,2,3-Trichloropropane
 Concen: 1.439 ug/L
 RT: 11.807 min Scan# 3271
 Delta R.T. 0.990 min
 Lab File: VU057483.D
 Acq: 12 Jan 2024 15:28

Tgt Ion: 75 Resp: 14247
 Ion Ratio Lower Upper
 75 100
 110 2.4 29.4 44.0#
 77 32.5 26.2 39.4

