

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062810.D
 Acq On : 16 Jan 2025 11:20
 Operator : MD/SY
 Sample : Q1071-19
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

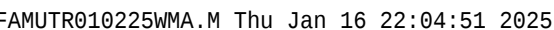
Quant Time: Jan 16 22:04:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

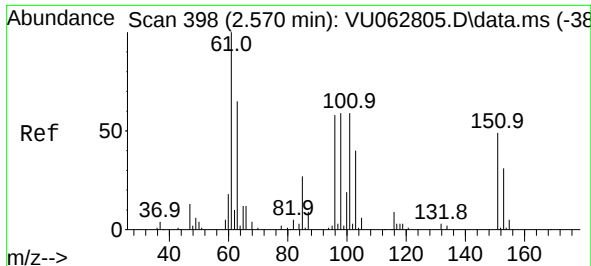
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93398	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40786	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	15922	3.078	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.904	69	16441	3.951	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.557	65	9657	3.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	4.602	46	68283	64.588	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.180%
24) Chloroform-d	5.049	84	61837	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.689	65	36982	5.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.714	84	99385	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.679	67	29809	4.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.888	98	88530	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.171	79	15004	4.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.618	63	53774	56.933	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.860%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	28062	5.562	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	36106	5.321	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	15170	2.616	ug/L #	81
17) Methyl tert-butyl Ether	3.348	73	3585	0.225	ug/L	98
19) 1,1-Dichloroethane	3.856	63	24594	2.214	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	23359	3.453	ug/L	95
34) Trichloroethene	6.537	95	3034	0.348	ug/L	94
35) Methylcyclohexane	6.679	83	8494	0.791	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	4120	0.684	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	4401	1.217	ug/L #	60
69) 1,3,5-Trichlorobenzene	13.849	180	1824	0.186	ug/L #	79
70) 1,2,4-trichlorobenzene	13.849	180	1824	0.231	ug/L #	81

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.616 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU062810.D

Acq: 16 Jan 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

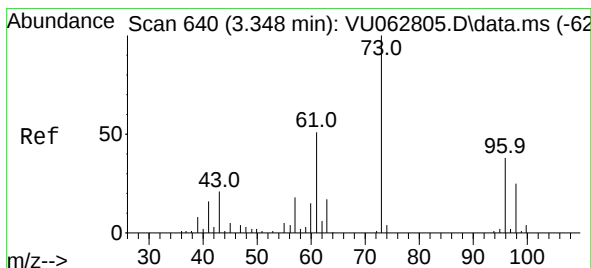
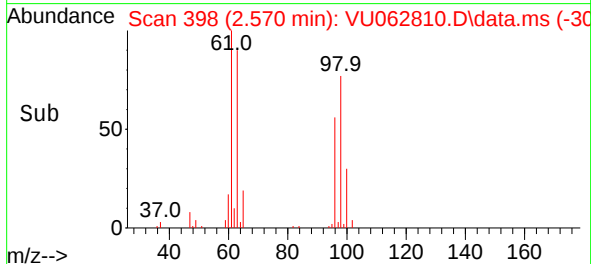
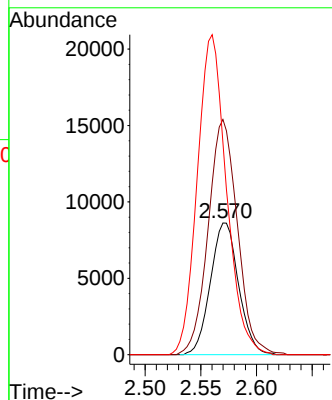
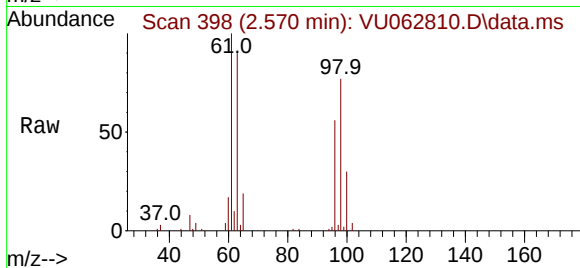
Tgt Ion: 96 Resp: 15170

Ion Ratio Lower Upper

96 100

61 178.6 120.4 223.6

63 161.1 82.3 152.9#



#17

Methyl tert-butyl Ether

Concen: 0.225 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU062810.D

Acq: 16 Jan 2025 11:20

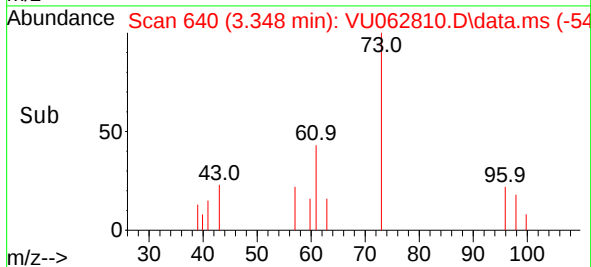
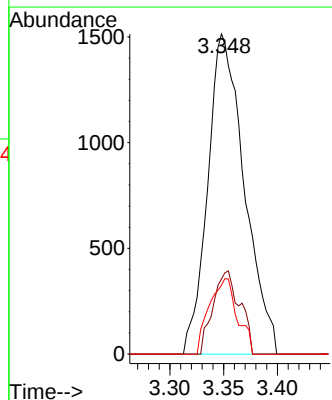
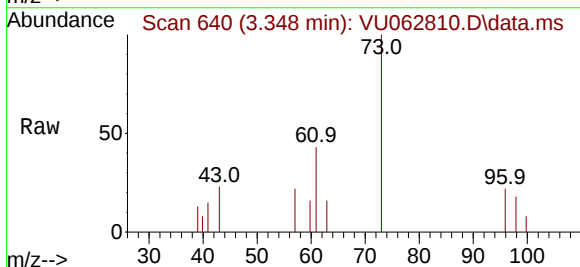
Tgt Ion: 73 Resp: 3585

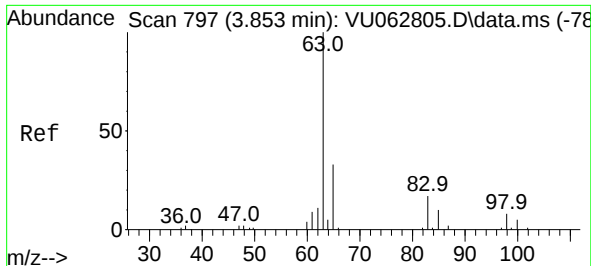
Ion Ratio Lower Upper

73 100

43 19.0 16.2 24.4

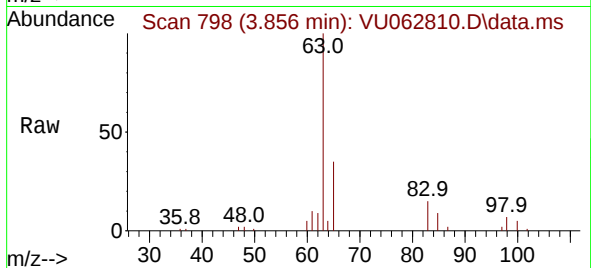
57 18.1 14.6 22.0



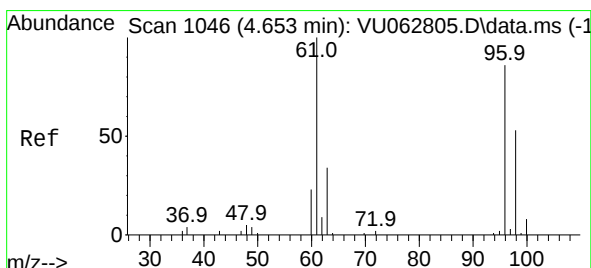
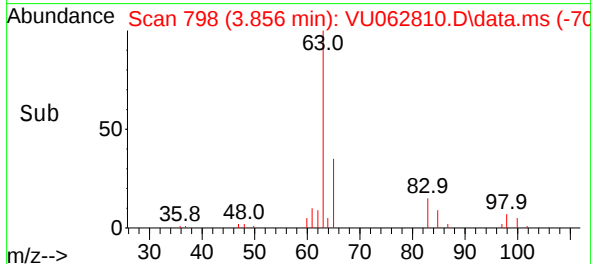
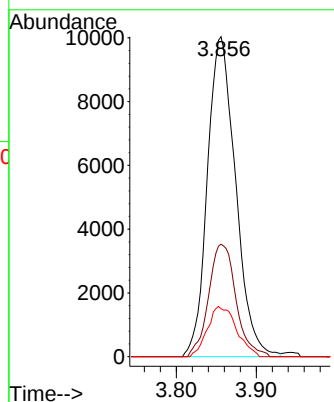


#19
1,1-Dichloroethane
Concen: 2.214 ug/L
RT: 3.856 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU062810.D
Acq: 16 Jan 2025 11:20

Instrument :
MSVOA_U
ClientSampleId :

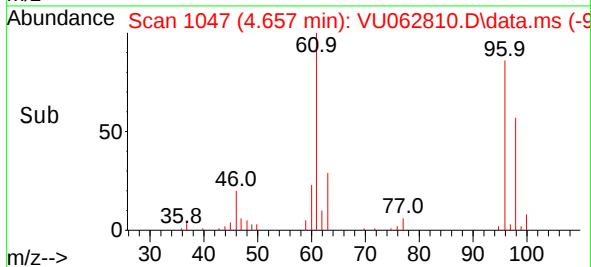
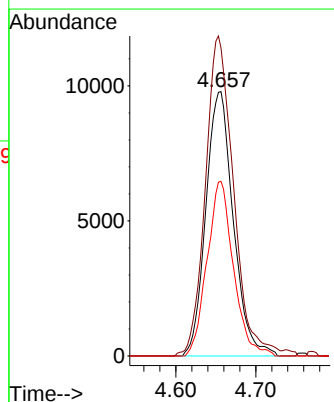
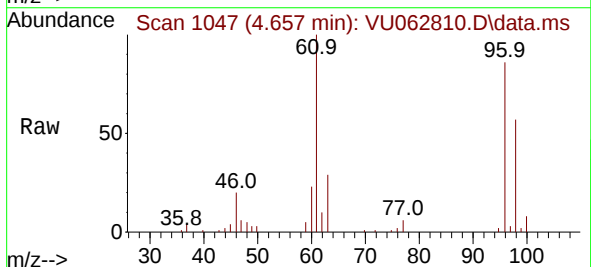


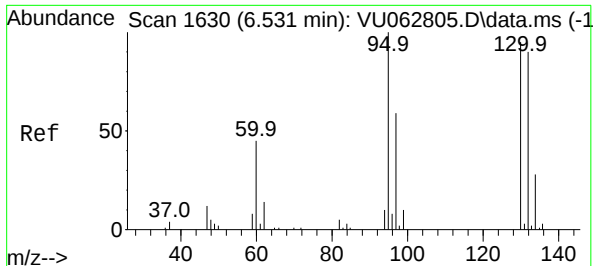
Tgt Ion: 63 Resp: 24594
Ion Ratio Lower Upper
63 100
65 35.2 20.7 38.5
83 15.0 10.5 19.5



#22
cis-1,2-Dichloroethene
Concen: 3.453 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU062810.D
Acq: 16 Jan 2025 11:20

Tgt Ion: 96 Resp: 23359
Ion Ratio Lower Upper
96 100
61 116.5 84.8 157.6
98 66.1 43.1 80.1





#34

Trichloroethene

Concen: 0.348 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU062810.D

Acq: 16 Jan 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 3034

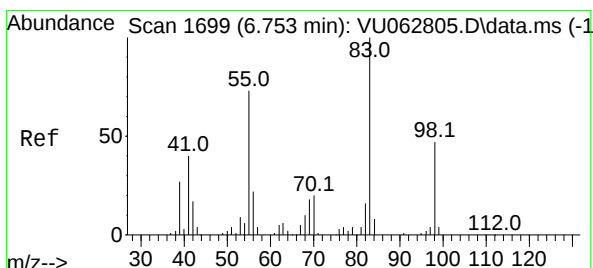
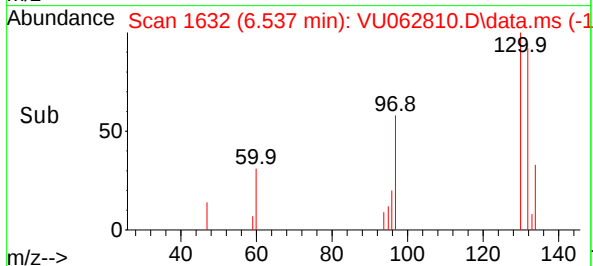
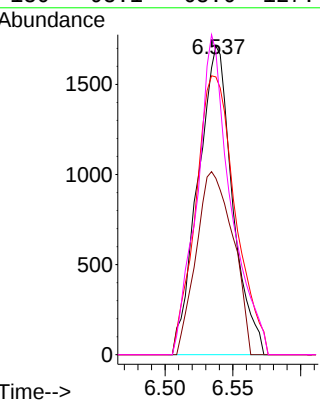
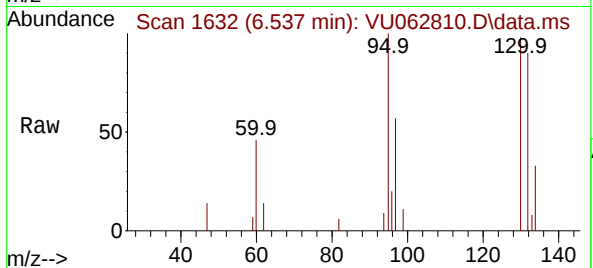
Ion Ratio Lower Upper

95 100

97 57.2 47.5 88.3

132 90.0 66.9 124.3

130 98.1 68.6 127.4



#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062810.D

Acq: 16 Jan 2025 11:20

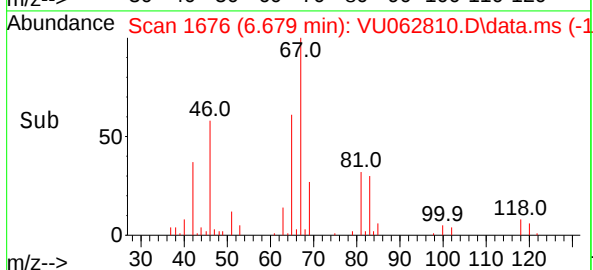
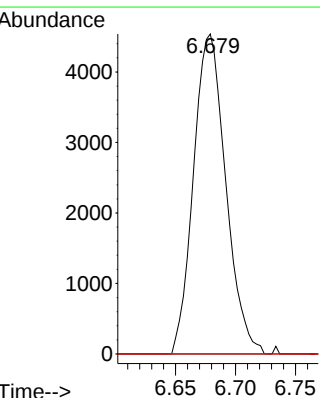
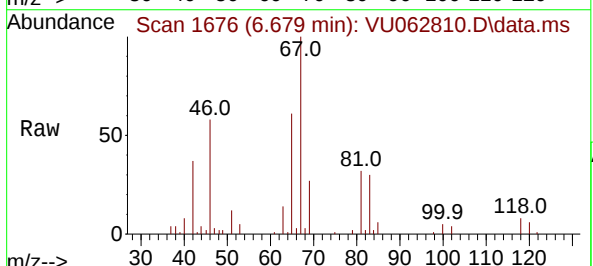
Tgt Ion: 83 Resp: 8494

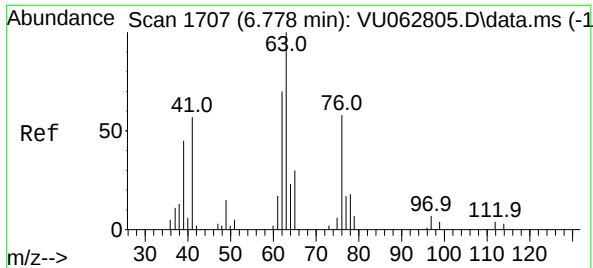
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 1.4 36.6 55.0#

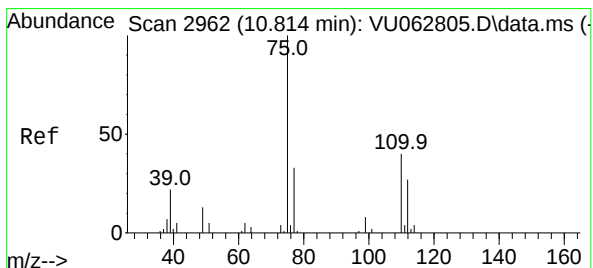
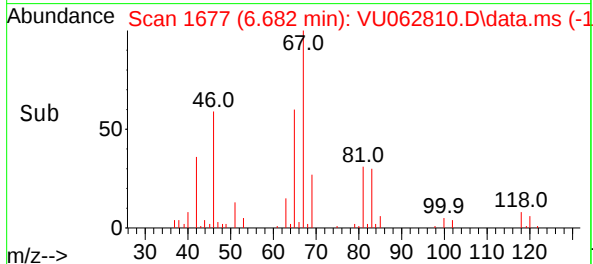
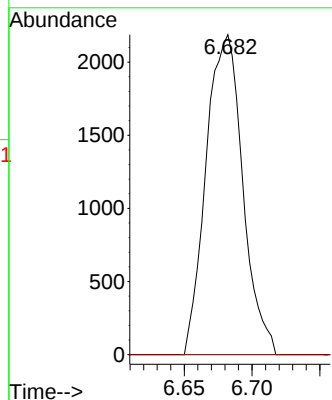
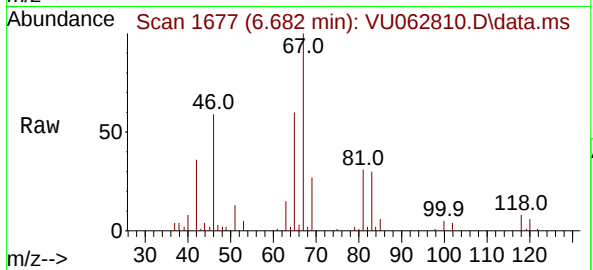




#37
1,2-Dichloropropane
Concen: 0.684 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.096 min
Lab File: VU062810.D
Acq: 16 Jan 2025 11:20

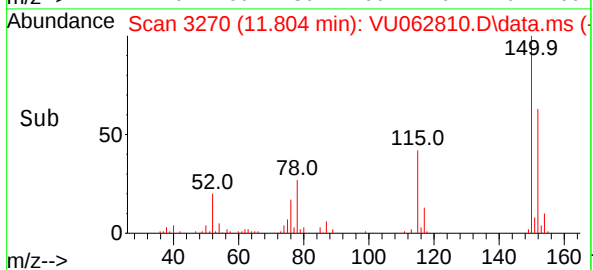
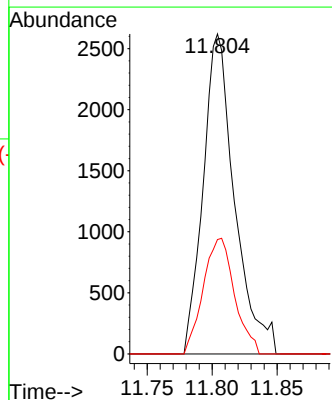
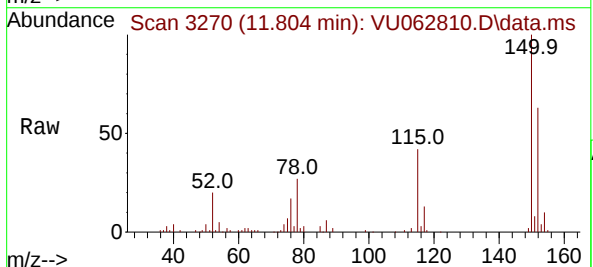
Instrument :
MSVOA_U
ClientSampleId :

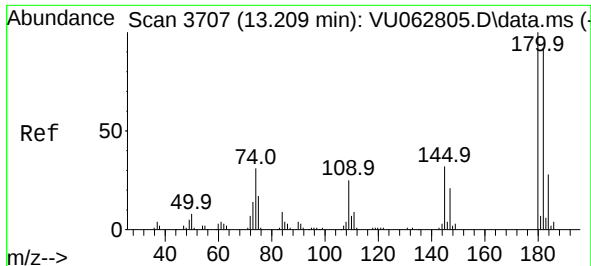
Tgt Ion: 63 Resp: 4120
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 1.217 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU062810.D
Acq: 16 Jan 2025 11:20

Tgt Ion: 75 Resp: 4401
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 36.0 25.9 38.9





#69

1,3,5-Trichlorobenzene

Concen: 0.186 ug/L

RT: 13.849 min Scan# 3906

Delta R.T. 0.640 min

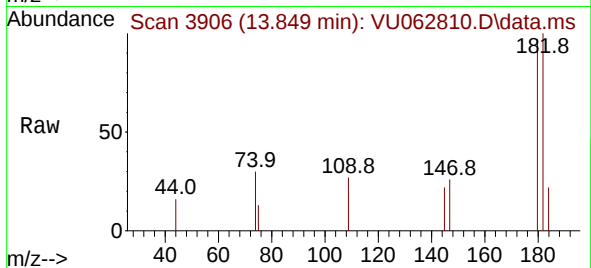
Lab File: VU062810.D

Acq: 16 Jan 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 1824

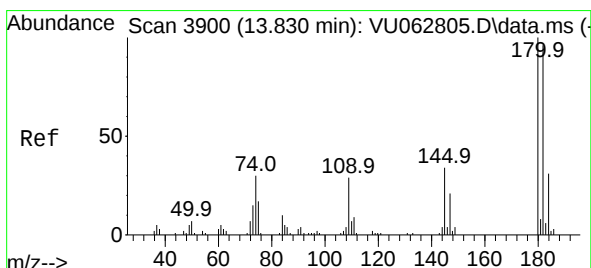
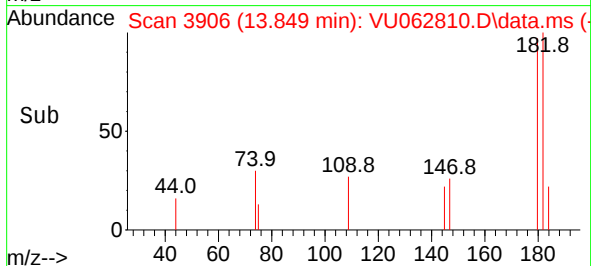
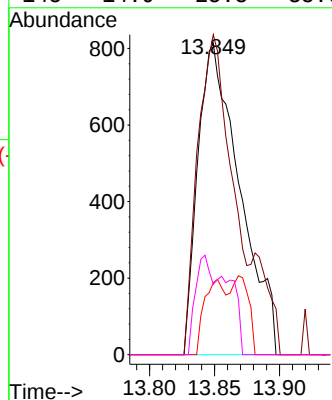
Ion Ratio Lower Upper

180 100

182 82.7 75.8 113.8

184 12.0 24.7 37.1#

145 14.9 25.8 38.6#



#70

1,2,4-trichlorobenzene

Concen: 0.231 ug/L

RT: 13.849 min Scan# 3906

Delta R.T. 0.019 min

Lab File: VU062810.D

Acq: 16 Jan 2025 11:20

Tgt Ion:180 Resp: 1824

Ion Ratio Lower Upper

180 100

182 82.7 77.1 115.7

145 14.9 26.9 40.3#

