

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062333.D
 Acq On : 16 Dec 2024 10:07
 Operator : MD/SY
 Sample : P5253-22
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 00:32:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 17 00:31:28 2024
 Response via : Initial Calibration

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

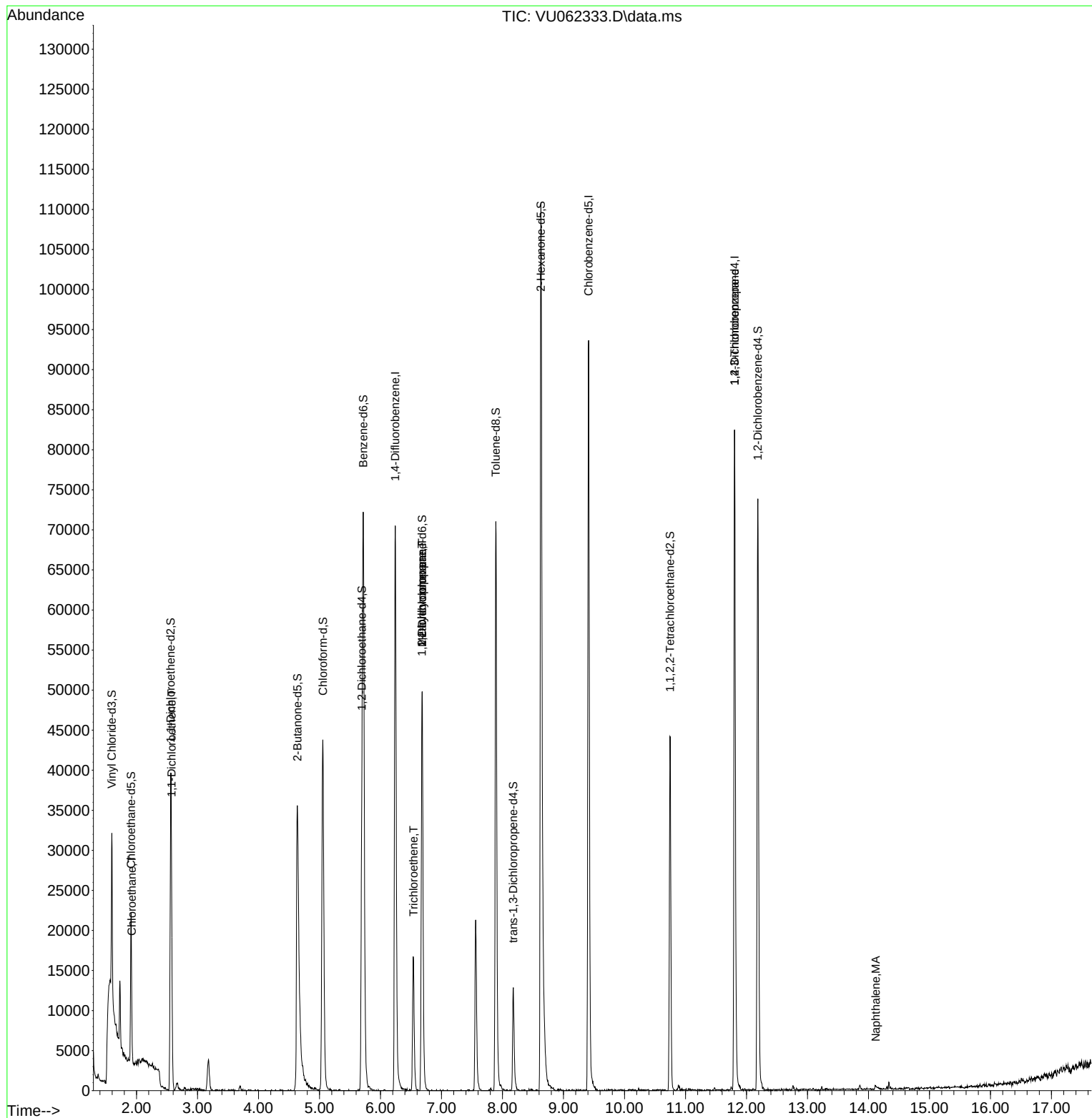
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	61117	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	56054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	24591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	13857	3.361	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.911	69	13607	4.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.560	65	6042	3.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	4.637	46	56656	71.712	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.420%#
24) Chloroform-d	5.055	84	44295	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.695	65	26617	6.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.400%
32) Benzene-d6	5.718	84	67481	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.682	67	24373	5.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.891	98	51898	3.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	8.177	79	8639	4.249	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.627	63	40660	66.285	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.560%#
56) 1,1,2,2-Tetrachloroeth...	10.746	84	22331	6.213	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.200%#
66) 1,2-Dichlorobenzene-d4	12.184	152	21800	4.811	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						Qvalue
8) Chloroethane	1.920	64	615	0.235	ug/L #	53
12) 1,1-Dichloroethene	2.573	96	4659	1.129	ug/L #	17
34) Trichloroethene	6.541	95	6344	1.289	ug/L	98
35) Methylcyclohexane	6.682	83	6103	0.837	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	2956	0.699	ug/L #	87
61) 1,2,3-Trichloropropane	11.804	75	2513	1.105	ug/L #	66
71) Naphthalene	14.119	128	987	0.137	ug/L #	70

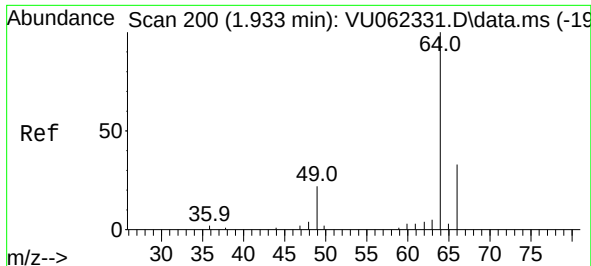
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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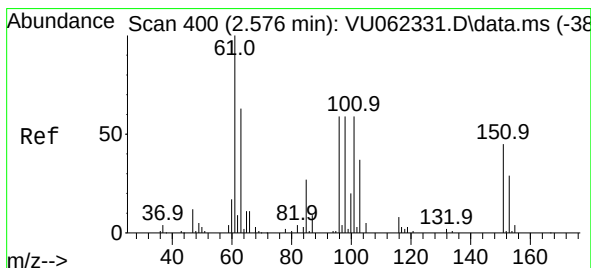
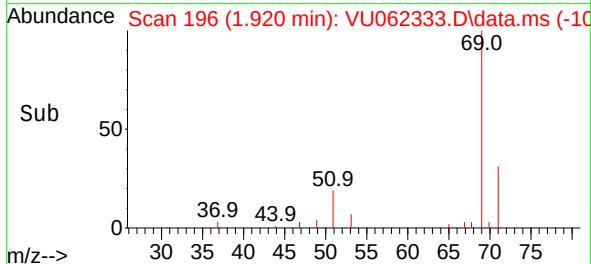
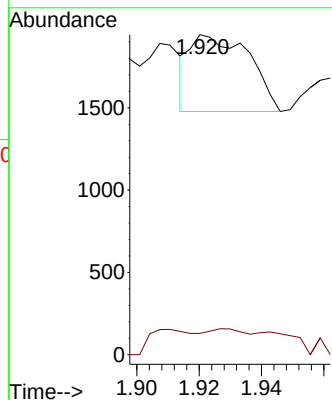
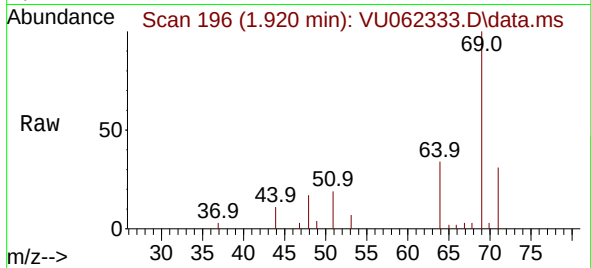




#8
Chloroethane
Concen: 0.235 ug/L
RT: 1.920 min Scan# 10
Delta R.T. -0.013 min
Lab File: VU062333.D
Acq: 16 Dec 2024 10:07

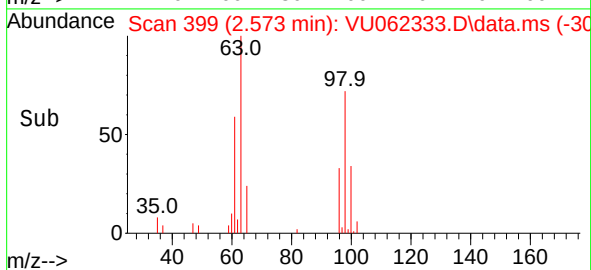
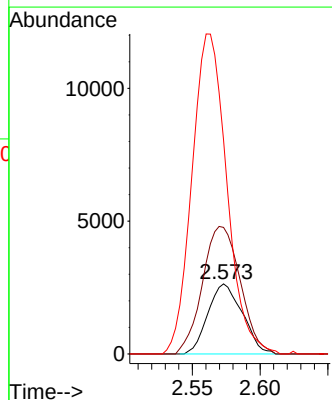
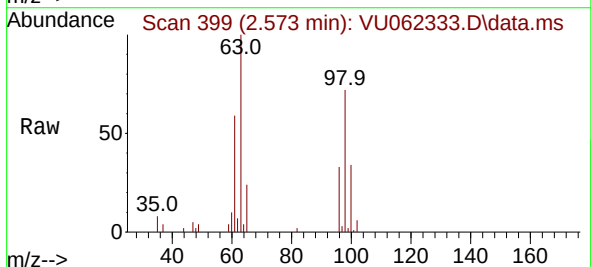
Instrument :
MSVOA_U
ClientSampleId :

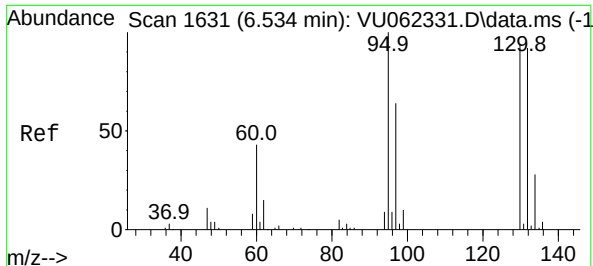
Tgt Ion: 64 Resp: 615
Ion Ratio Lower Upper
64 100
66 6.7 23.2 43.2#



#12
1,1-Dichloroethene
Concen: 1.129 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU062333.D
Acq: 16 Dec 2024 10:07

Tgt Ion: 96 Resp: 4659
Ion Ratio Lower Upper
96 100
61 180.6 119.6 222.2
63 305.2 65.0 120.6#





#34

Trichloroethene

Concen: 1.289 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU062333.D

Acq: 16 Dec 2024 10:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 6344

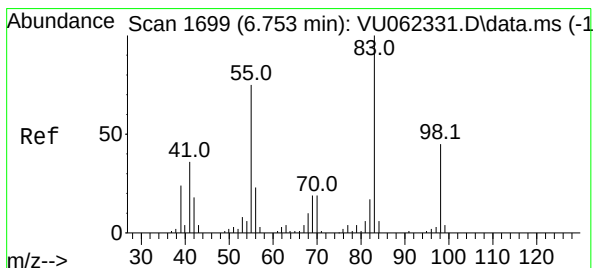
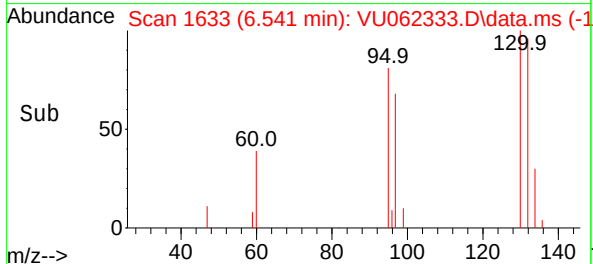
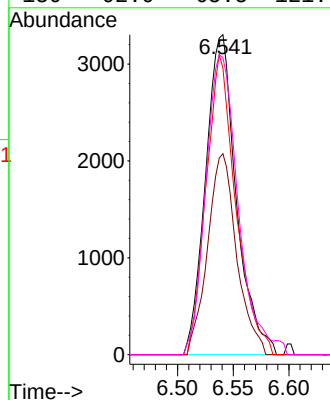
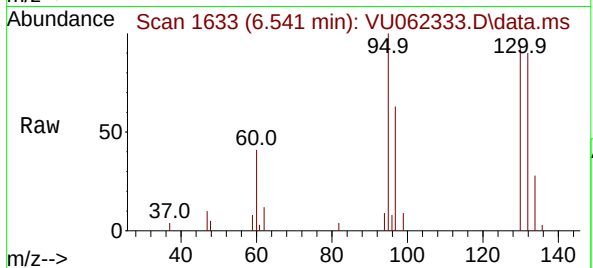
Ion Ratio Lower Upper

95 100

97 62.8 45.9 85.3

132 89.6 63.8 118.4

130 92.9 65.5 121.7



#35

Methylcyclohexane

Concen: 0.837 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU062333.D

Acq: 16 Dec 2024 10:07

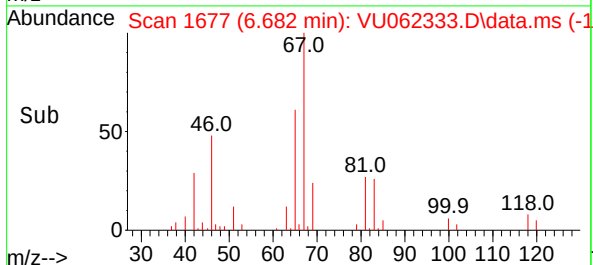
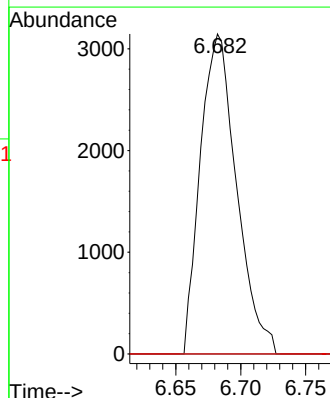
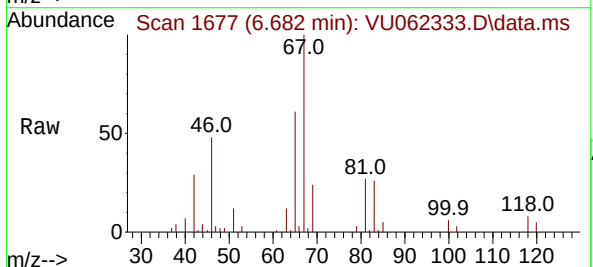
Tgt Ion: 83 Resp: 6103

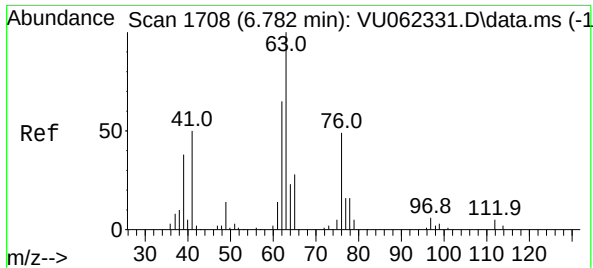
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 2.3 34.8 52.2#

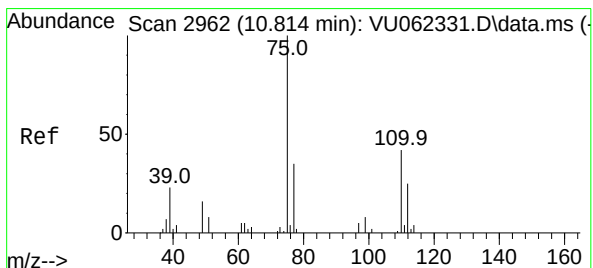
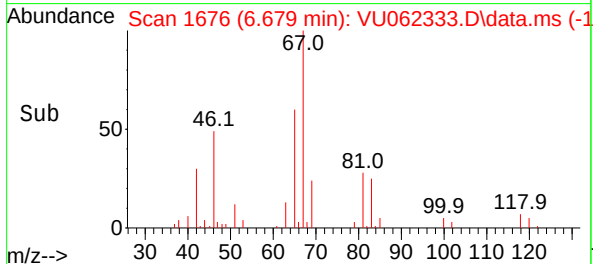
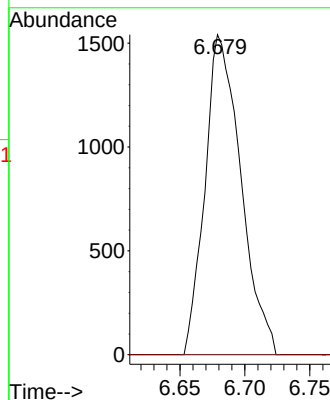
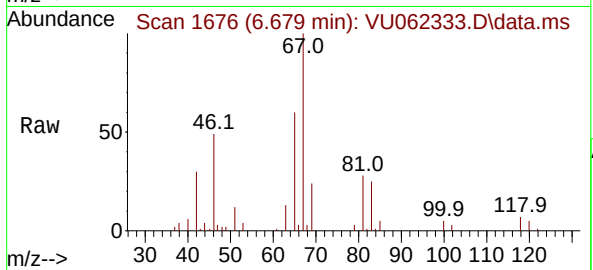




#37
1,2-Dichloropropane
Concen: 0.699 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062333.D
Acq: 16 Dec 2024 10:07

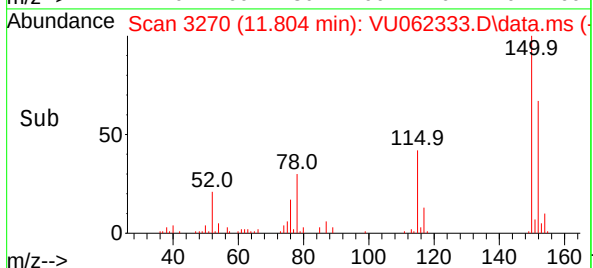
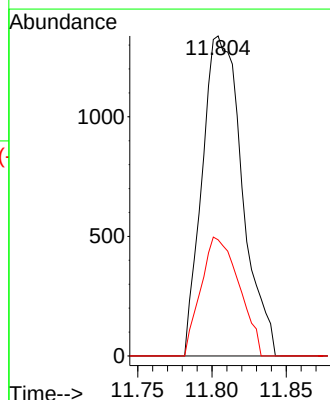
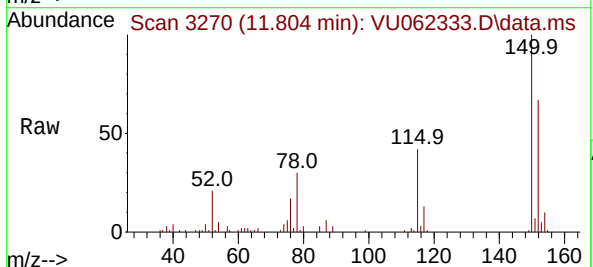
Instrument :
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ClientSampleId :

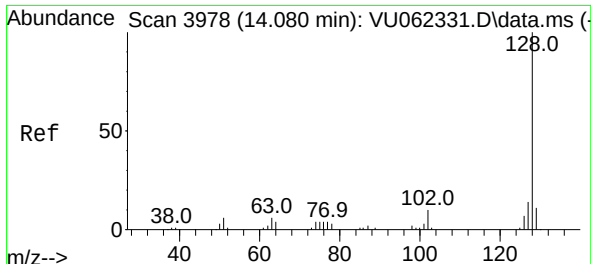
Tgt Ion: 63 Resp: 2956
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#61
1,2,3-Trichloropropane
Concen: 1.105 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU062333.D
Acq: 16 Dec 2024 10:07

Tgt Ion: 75 Resp: 2513
Ion Ratio Lower Upper
75 100
110 0.0 28.9 43.3#
77 35.4 26.5 39.7





#71

Naphthalene

Concen: 0.137 ug/L

RT: 14.119 min Scan# 3990

Delta R.T. 0.039 min

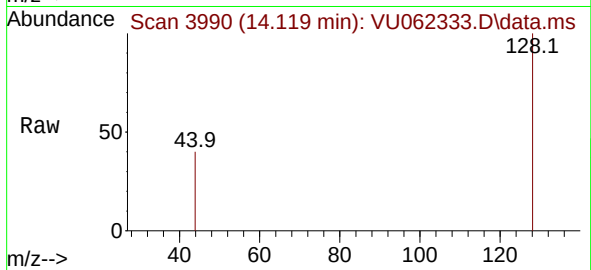
Lab File: VU062333.D

Acq: 16 Dec 2024 10:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 987

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

127 0.0 10.2 15.4#

