

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121024\
 Data File : VU062223.D
 Acq On : 10 Dec 2024 21:32
 Operator : MD/SY
 Sample : P5247-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 03:49:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 11 03:43:25 2024
 Response via : Initial Calibration

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

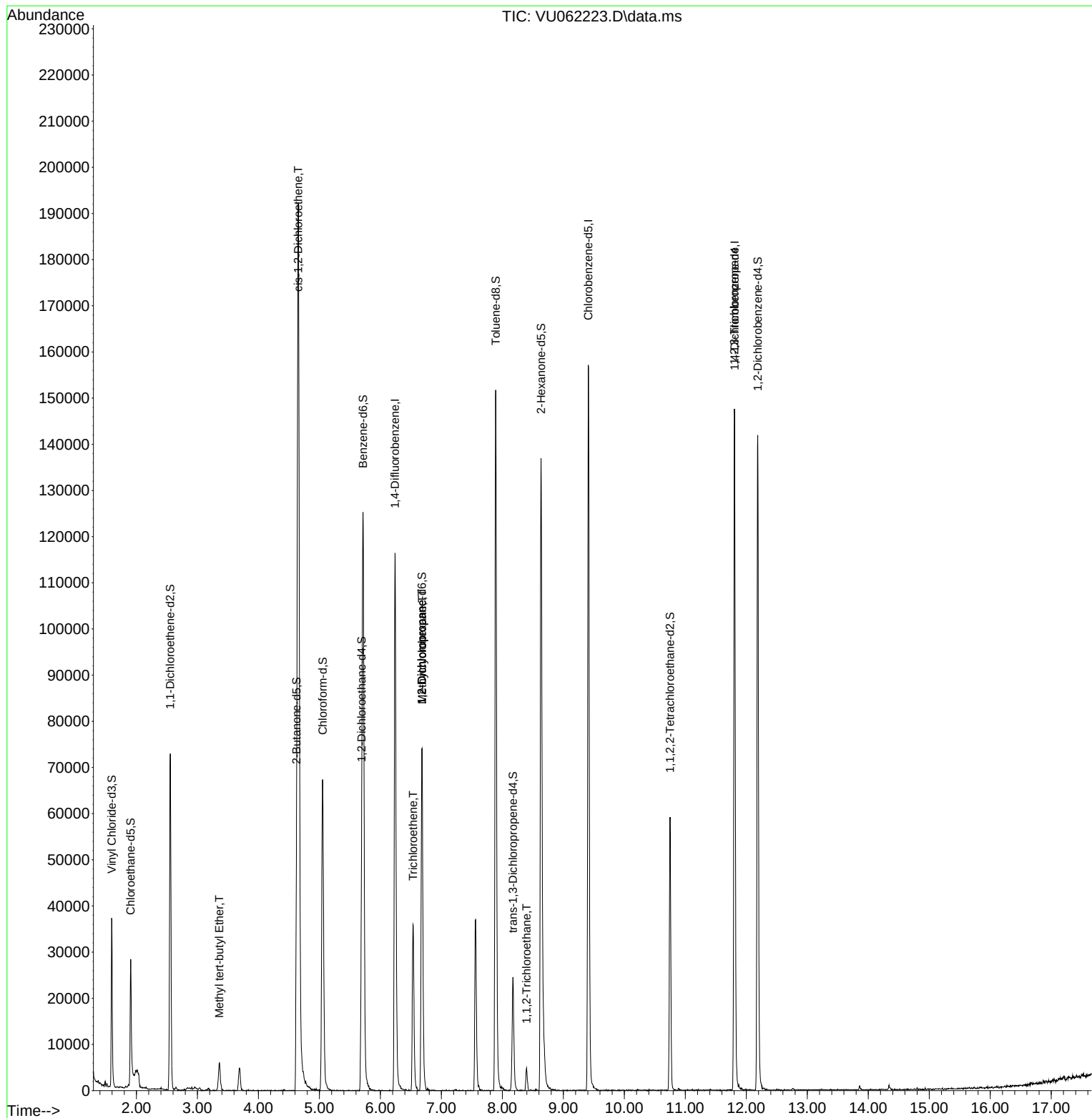
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	98436	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90871	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	43083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27374	4.123	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.904	69	20149	4.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.554	65	13969	4.422	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.624	46	63104	49.592	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.180%
24) Chloroform-d	5.052	84	66778	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.692	65	35074	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.714	84	120652	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.679	67	35000	4.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.891	98	109450	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.174	79	14386	4.364	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.634	63	50298	50.580	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.160%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	28862	4.953	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	40458	5.096	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.358	73	7797	0.471	ug/L	91
22) cis-1,2-Dichloroethene	4.653	96	99162	12.955	ug/L	94
34) Trichloroethene	6.538	95	13097	1.642	ug/L	93
35) Methylcyclohexane	6.682	83	9512	0.804	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	4301	0.627	ug/L #	87
45) 1,1,2-Trichloroethane	8.396	97	1727	0.334	ug/L	95
61) 1,2,3-Trichloropropane	11.804	75	4145	1.040	ug/L #	66

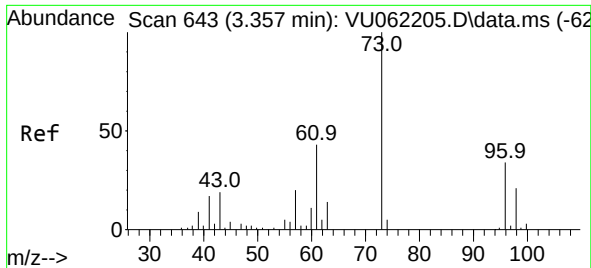
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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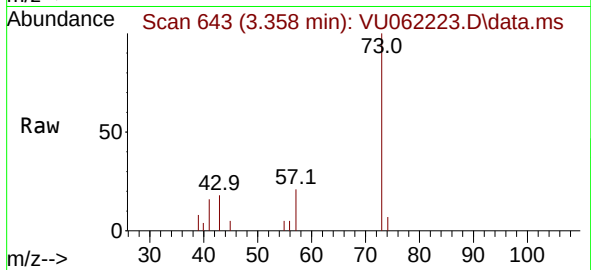
Quant Time: Dec 11 03:49:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
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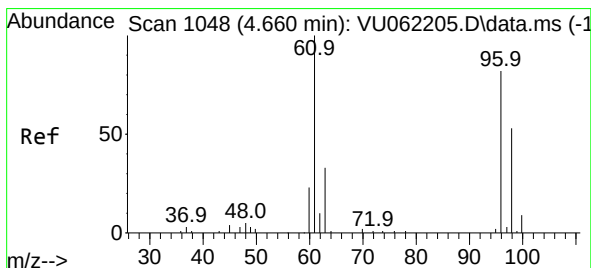
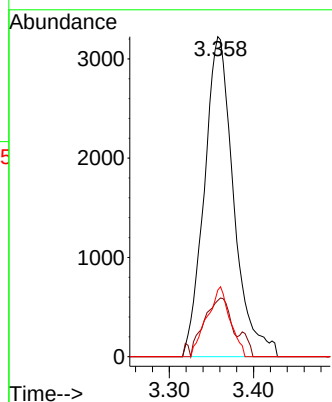
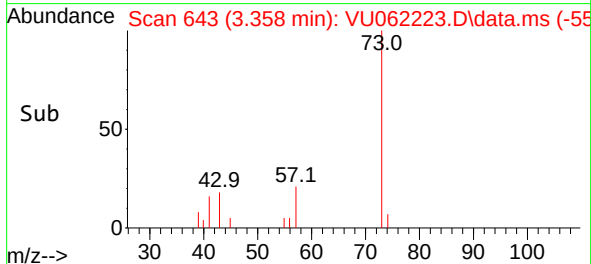


#17
Methyl tert-butyl Ether
Concen: 0.471 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU062223.D
Acq: 10 Dec 2024 21:32

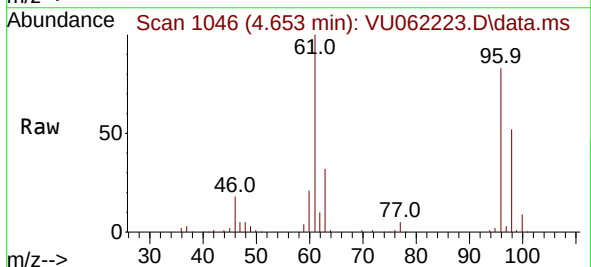
Instrument :
MSVOA_U
ClientSampleId :



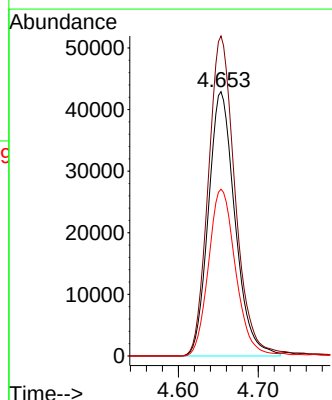
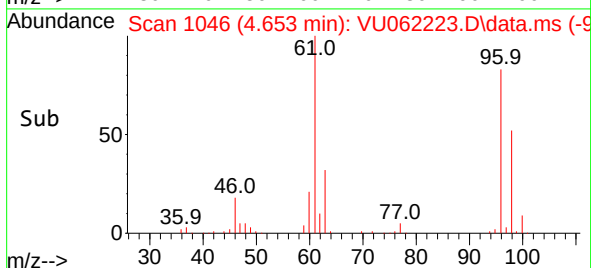
Tgt Ion: 73 Resp: 7797
Ion Ratio Lower Upper
73 100
43 16.5 16.3 24.5
57 17.2 17.1 25.7

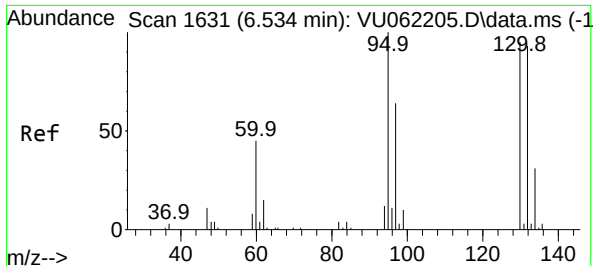


#22
cis-1,2-Dichloroethene
Concen: 12.955 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU062223.D
Acq: 10 Dec 2024 21:32



Tgt Ion: 96 Resp: 99162
Ion Ratio Lower Upper
96 100
61 121.1 92.0 170.8
98 63.1 44.5 82.7





#34

Trichloroethene

Concen: 1.642 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062223.D

Acq: 10 Dec 2024 21:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 13097

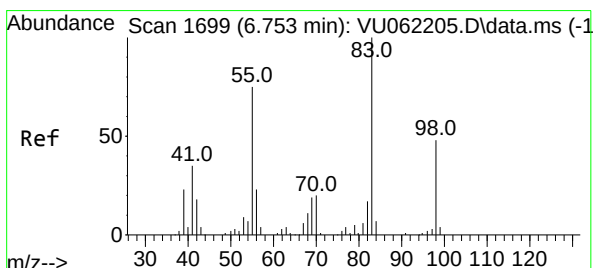
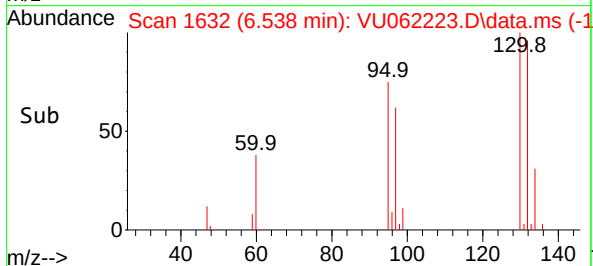
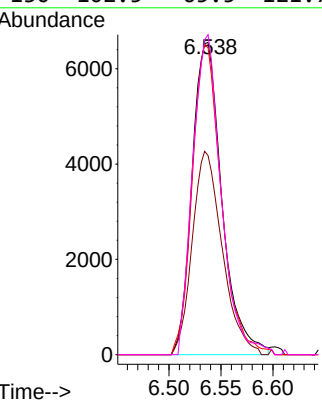
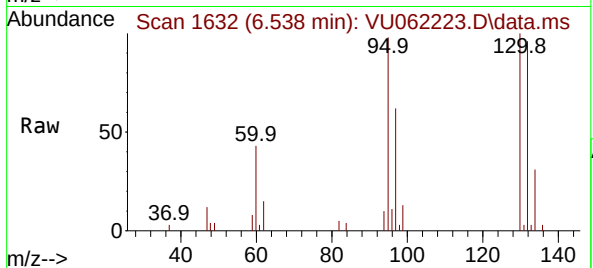
Ion Ratio Lower Upper

95 100

97 63.8 45.9 85.3

132 98.3 63.8 118.4

130 102.5 65.5 121.7



#35

Methylcyclohexane

Concen: 0.804 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU062223.D

Acq: 10 Dec 2024 21:32

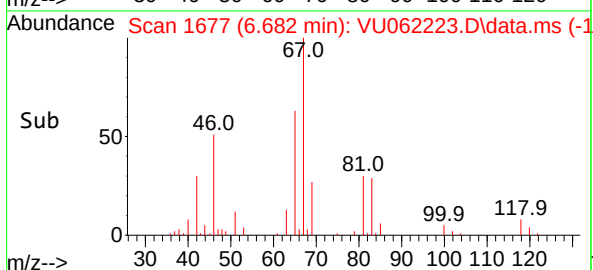
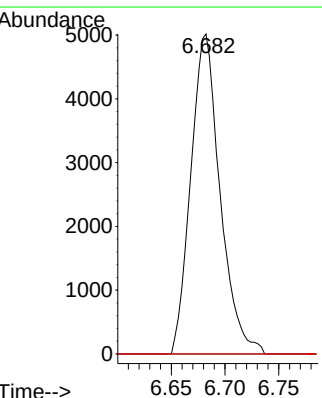
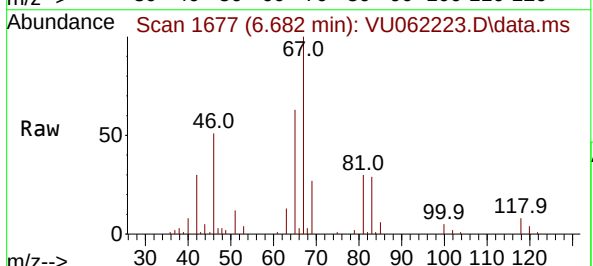
Tgt Ion: 83 Resp: 9512

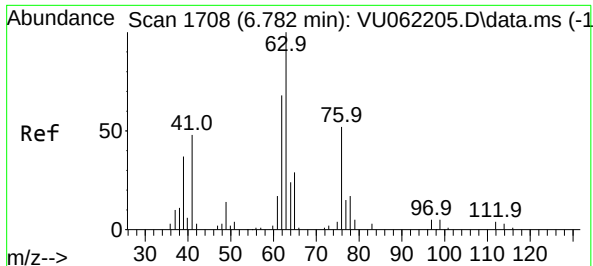
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.5 34.8 52.2#

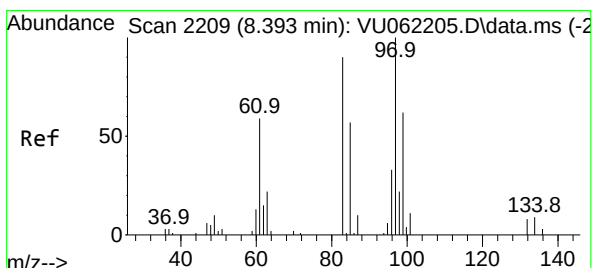
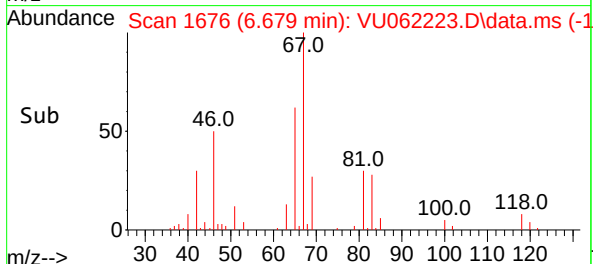
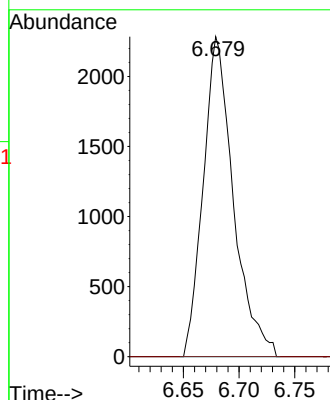
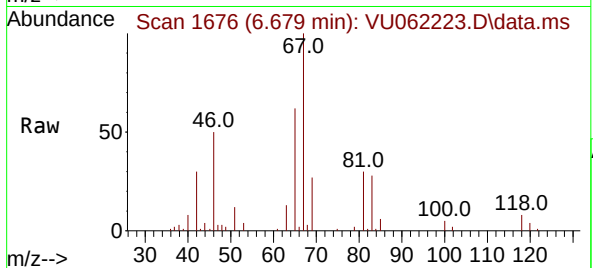




#37
1,2-Dichloropropane
Concen: 0.627 ug/L
RT: 6.679 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU062223.D
Acq: 10 Dec 2024 21:32

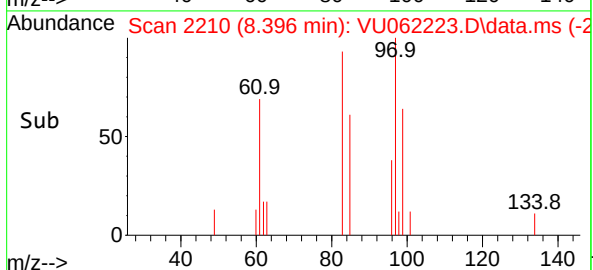
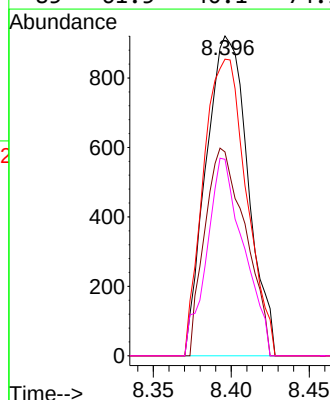
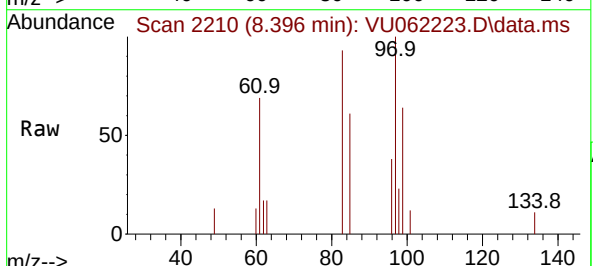
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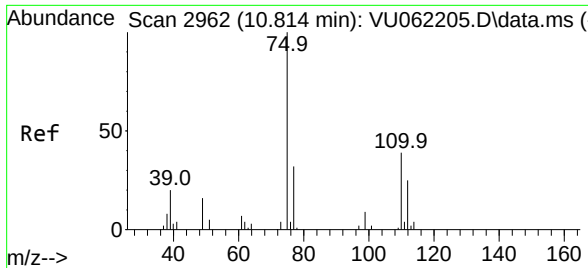
Tgt Ion: 63 Resp: 4301
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#45
1,1,2-Trichloroethane
Concen: 0.334 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU062223.D
Acq: 10 Dec 2024 21:32

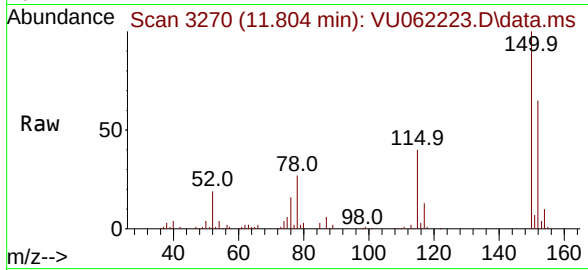
Tgt Ion: 97 Resp: 1727
Ion Ratio Lower Upper
97 100
99 63.7 43.0 79.8
83 92.7 61.7 114.5
85 61.5 40.1 74.5





#61
1,2,3-Trichloropropane
Concen: 1.040 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU062223.D
Acq: 10 Dec 2024 21:32

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	4145
Ion	Ratio	Lower	Upper
75	100		
110	1.9	28.9	43.3#
77	38.1	26.5	39.7

