

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062235.D
 Acq On : 11 Dec 2024 12:52
 Operator : MD/SY
 Sample : P5247-01DL 2X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 00:26:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 00:24:05 2024
 Response via : Initial Calibration

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

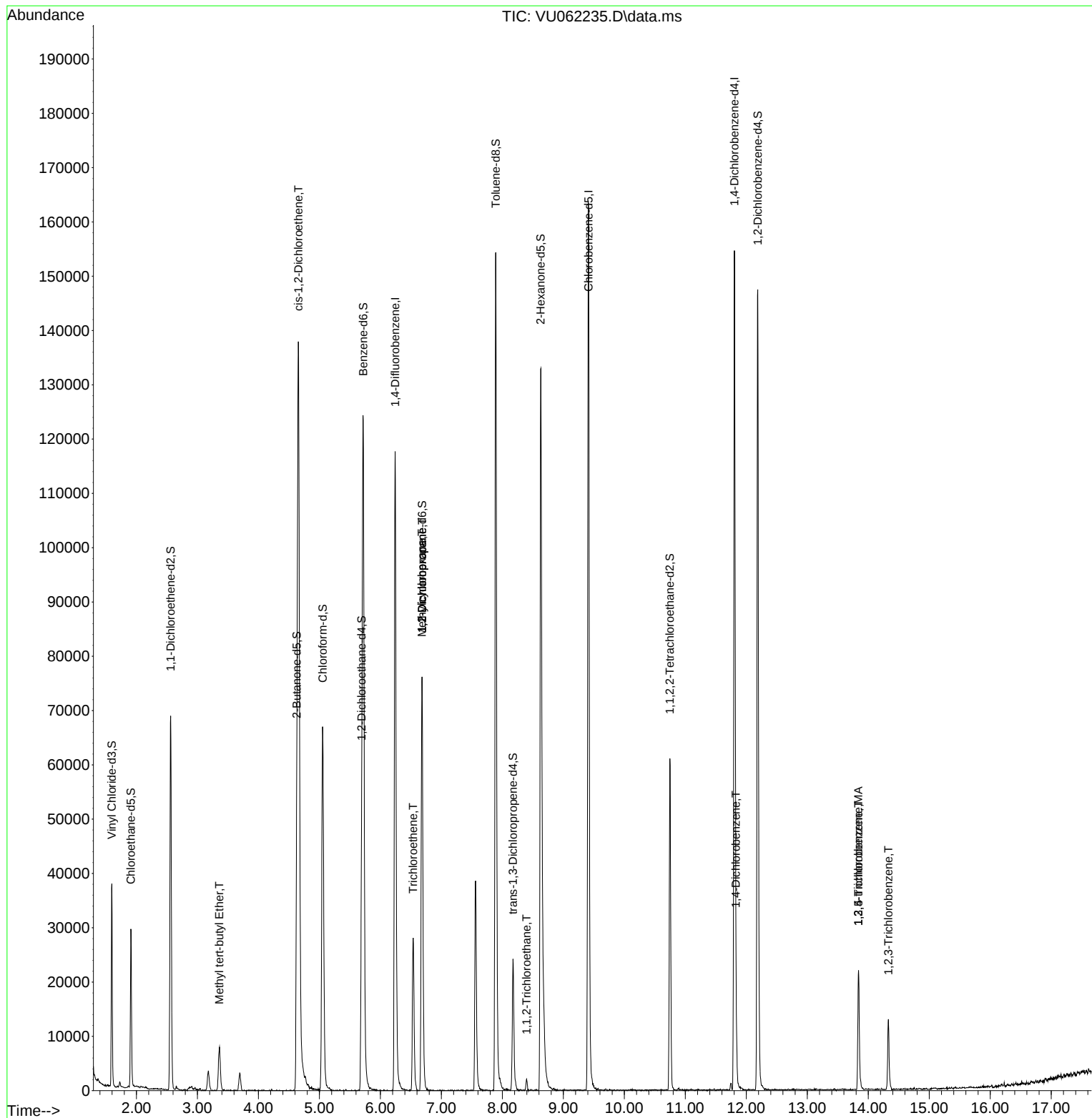
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	102053	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	95080	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44397	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25949	3.770	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.908	69	21257	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	12855	3.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.628	46	67022	50.804	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.600%
24) Chloroform-d	5.052	84	67685	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.692	65	35824	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.718	84	118673	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.682	67	36133	4.612	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.891	98	110734	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.174	79	15427	4.473	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.627	63	50437	48.474	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28310	4.643	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	40409	4.939	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
17) Methyl tert-butyl Ether	3.358	73	9802	0.571	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	64991	8.190	ug/L	93
34) Trichloroethene	6.538	95	10717	1.284	ug/L	95
35) Methylcyclohexane	6.679	83	9842	0.795	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	4140	0.577	ug/L #	87
45) 1,1,2-Trichloroethane	8.396	97	606	0.112	ug/L #	69
65) 1,4-Dichlorobenzene	11.830	146	3033	0.204	ug/L	94
69) 1,3,5-Trichlorobenzene	13.839	180	8814	0.805	ug/L	90
70) 1,2,4-trichlorobenzene	13.839	180	8814	1.019	ug/L	92
72) 1,2,3-Trichlorobenzene	14.328	180	4735	0.621	ug/L	92

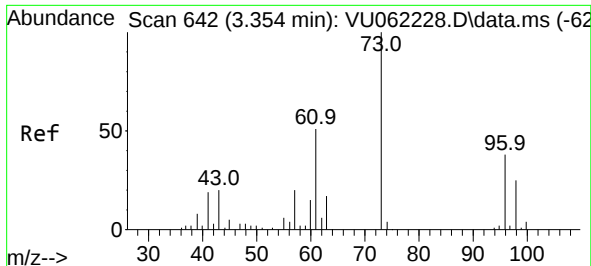
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
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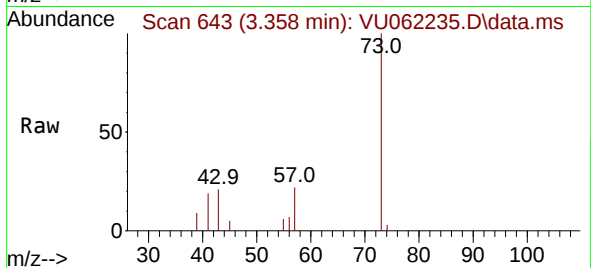
Quant Time: Dec 12 00:26:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 12 00:24:05 2024
Response via : Initial Calibration



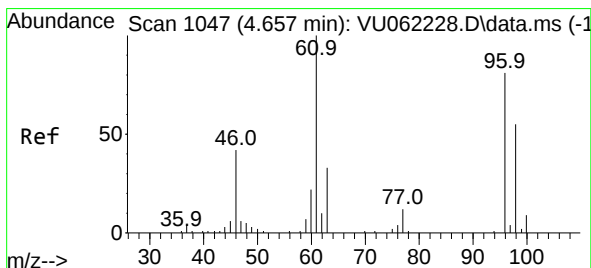
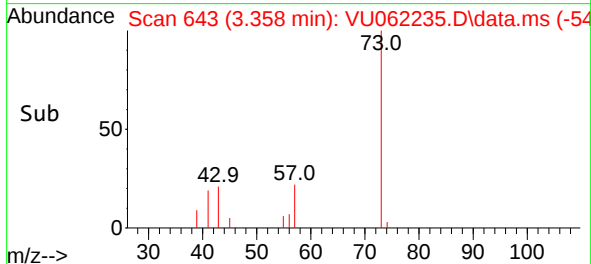
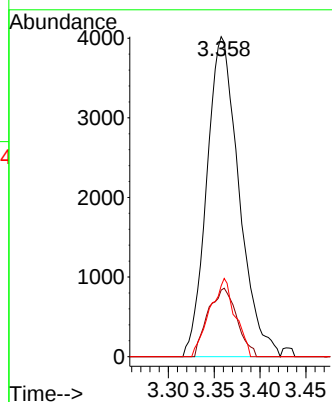


#17
Methyl tert-butyl Ether
Concen: 0.571 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU062235.D
Acq: 11 Dec 2024 12:52

Instrument :
MSVOA_U
ClientSampleId :

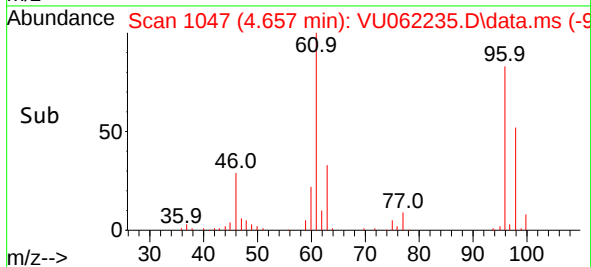
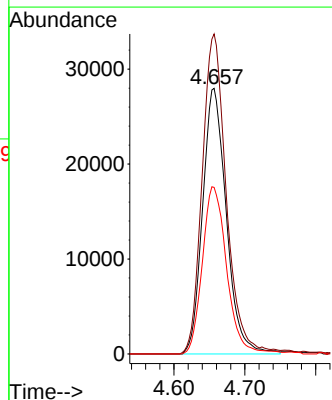
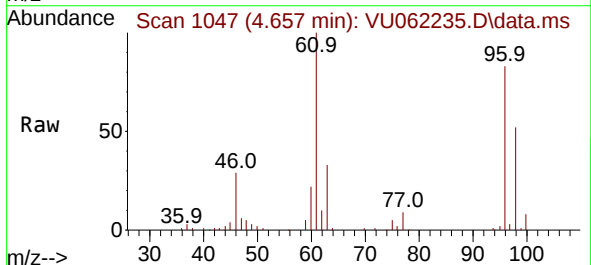


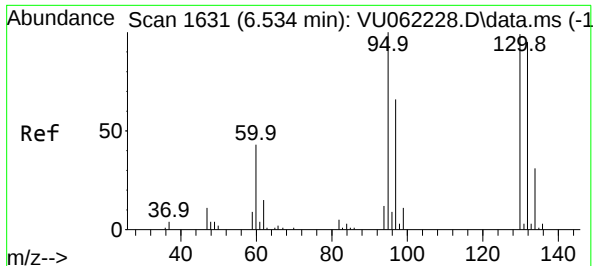
Tgt Ion: 73 Resp: 9802
Ion Ratio Lower Upper
73 100
43 19.2 16.3 24.5
57 19.3 17.1 25.7



#22
cis-1,2-Dichloroethene
Concen: 8.190 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU062235.D
Acq: 11 Dec 2024 12:52

Tgt Ion: 96 Resp: 64991
Ion Ratio Lower Upper
96 100
61 120.5 92.0 170.8
98 62.8 44.5 82.7





#34

Trichloroethene

Concen: 1.284 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062235.D

Acq: 11 Dec 2024 12:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 10717

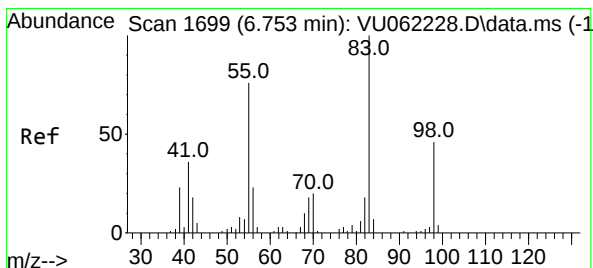
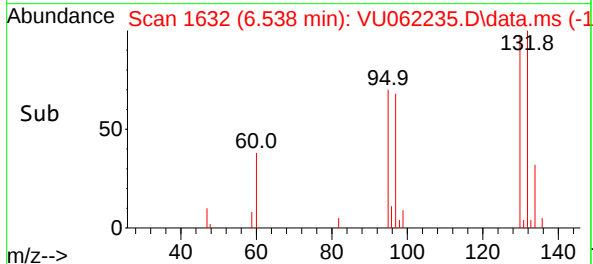
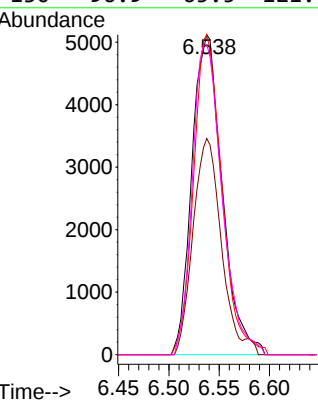
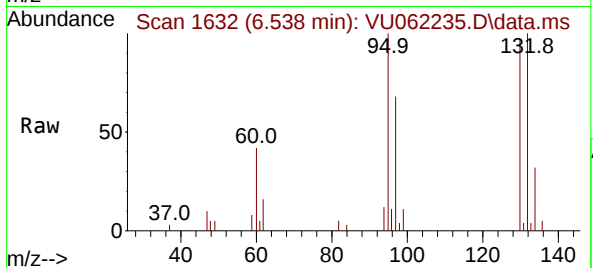
Ion Ratio Lower Upper

95 100

97 67.6 45.9 85.3

132 100.0 63.8 118.4

130 96.9 65.5 121.7



#35

Methylcyclohexane

Concen: 0.795 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062235.D

Acq: 11 Dec 2024 12:52

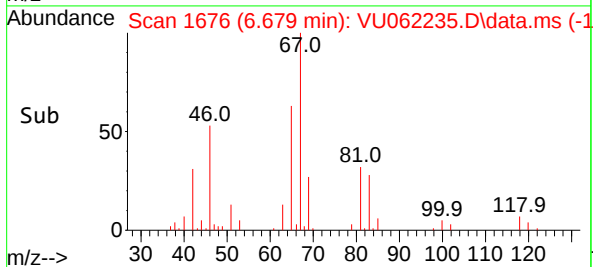
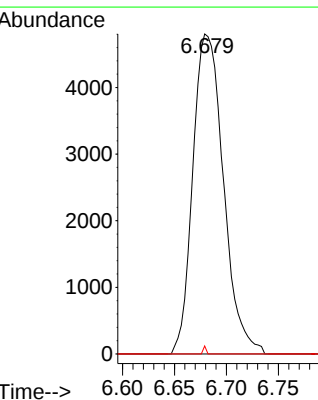
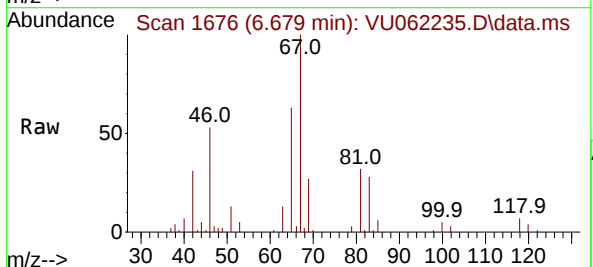
Tgt Ion: 83 Resp: 9842

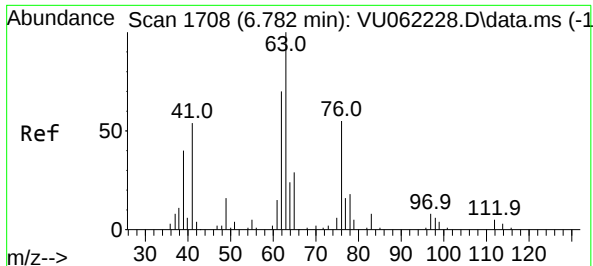
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.2 34.8 52.2#

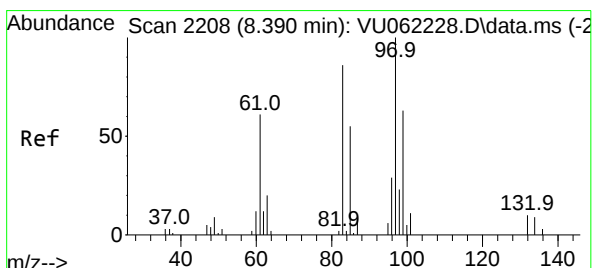
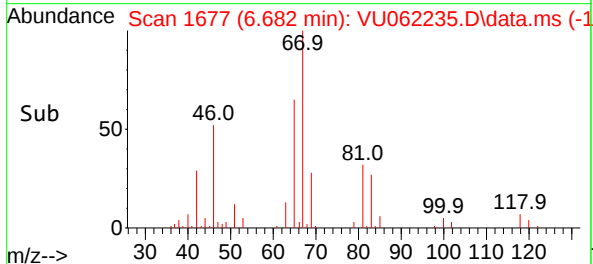
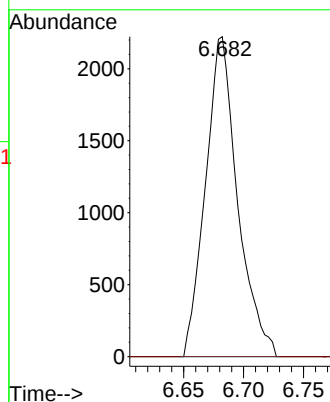
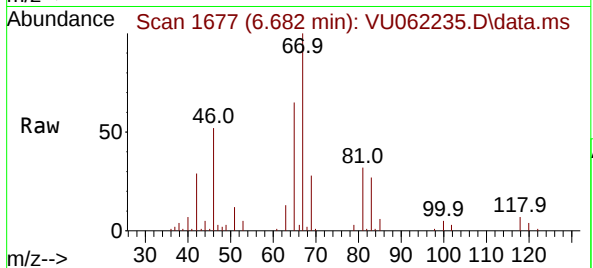




#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062235.D
Acq: 11 Dec 2024 12:52

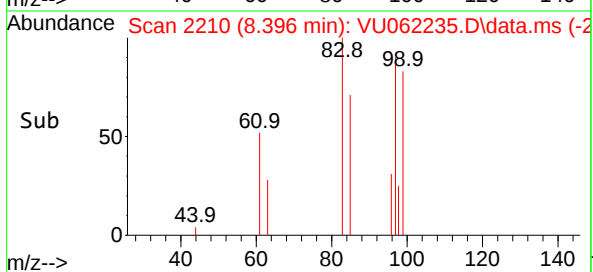
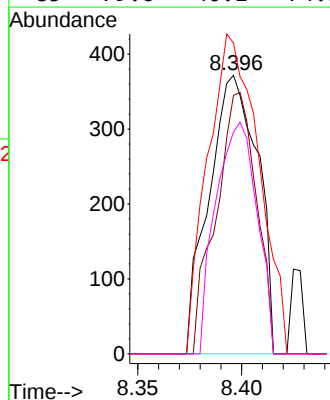
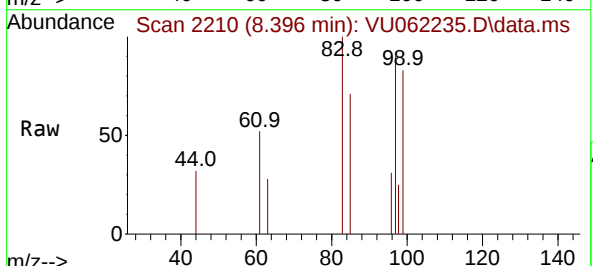
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MSVOA_U
ClientSampleId :

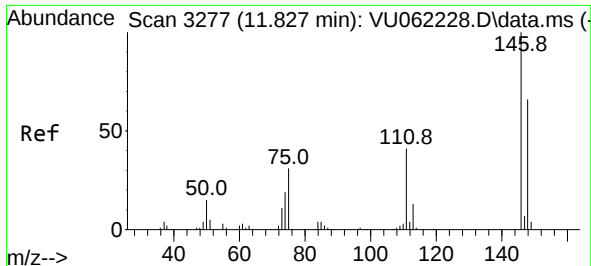
Tgt Ion: 63 Resp: 4140
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#45
1,1,2-Trichloroethane
Concen: 0.112 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VU062235.D
Acq: 11 Dec 2024 12:52

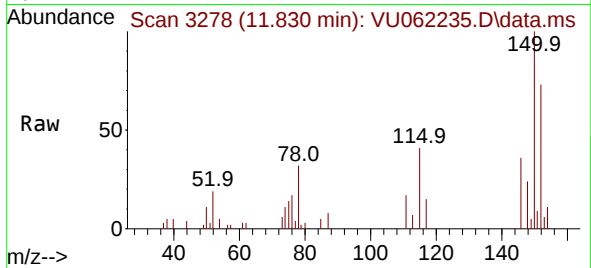
Tgt Ion: 97 Resp: 606
Ion Ratio Lower Upper
97 100
99 92.7 43.0 79.8#
83 111.6 61.7 114.5
85 79.6 40.1 74.5#





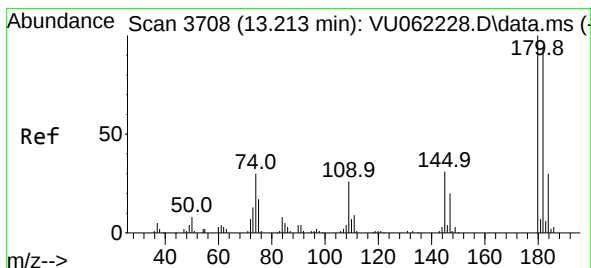
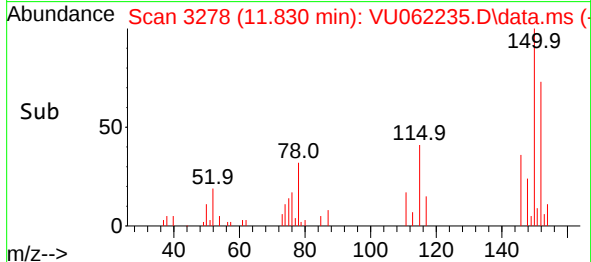
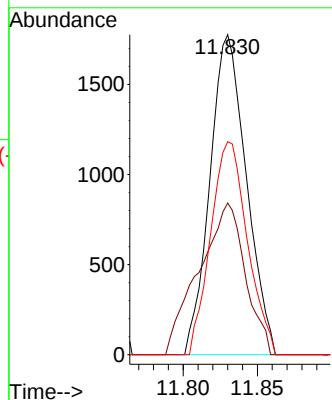
#65
 1,4-Dichlorobenzene
 Concen: 0.204 ug/L
 RT: 11.830 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU062235.D
 Acq: 11 Dec 2024 12:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:146 Resp: 3033

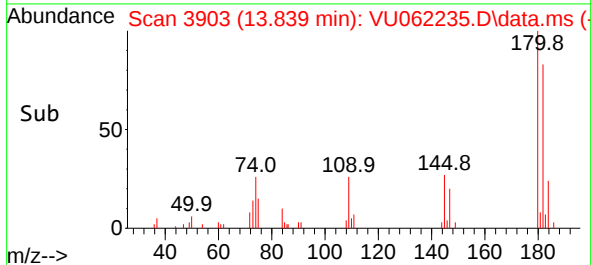
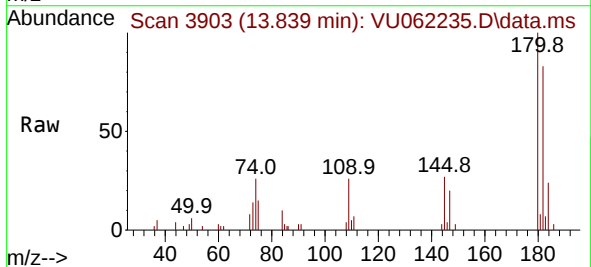
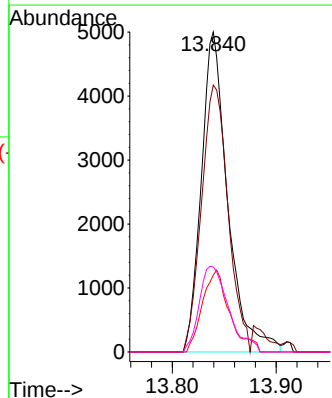
Ion	Ratio	Lower	Upper
146	100		
111	47.4	29.3	54.3
148	66.6	44.6	82.8

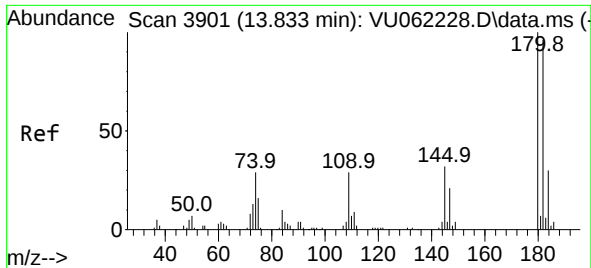


#69
 1,3,5-Trichlorobenzene
 Concen: 0.805 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.627 min
 Lab File: VU062235.D
 Acq: 11 Dec 2024 12:52

Tgt Ion:180 Resp: 8814

Ion	Ratio	Lower	Upper
180	100		
182	83.9	76.7	115.1
184	26.4	24.8	37.2
145	29.9	25.4	38.0

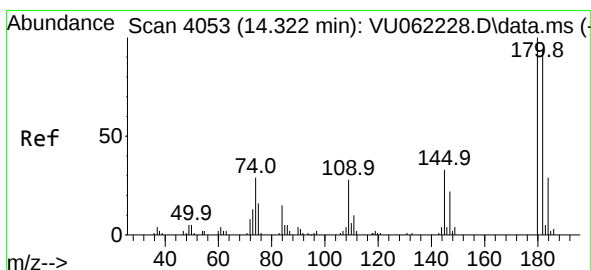
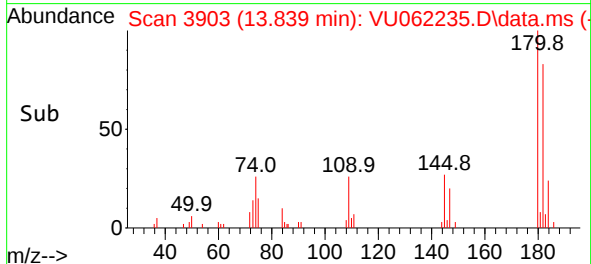
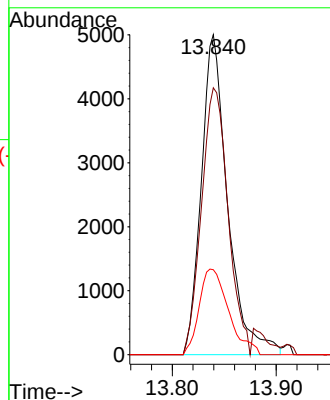
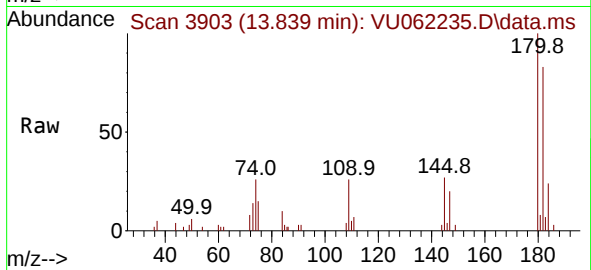




#70
1,2,4-trichlorobenzene
Concen: 1.019 ug/L
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU062235.D
Acq: 11 Dec 2024 12:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 8814
Ion Ratio Lower Upper
180 100
182 83.9 74.5 111.7
145 29.9 25.6 38.4



#72
1,2,3-Trichlorobenzene
Concen: 0.621 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU062235.D
Acq: 11 Dec 2024 12:52

Tgt Ion:180 Resp: 4735
Ion Ratio Lower Upper
180 100
182 103.8 76.1 114.1
145 36.9 27.4 41.0

