

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062824.D
 Acq On : 16 Jan 2025 16:55
 Operator : MD/SY
 Sample : Q1084-02 50X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 22:08:11 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)

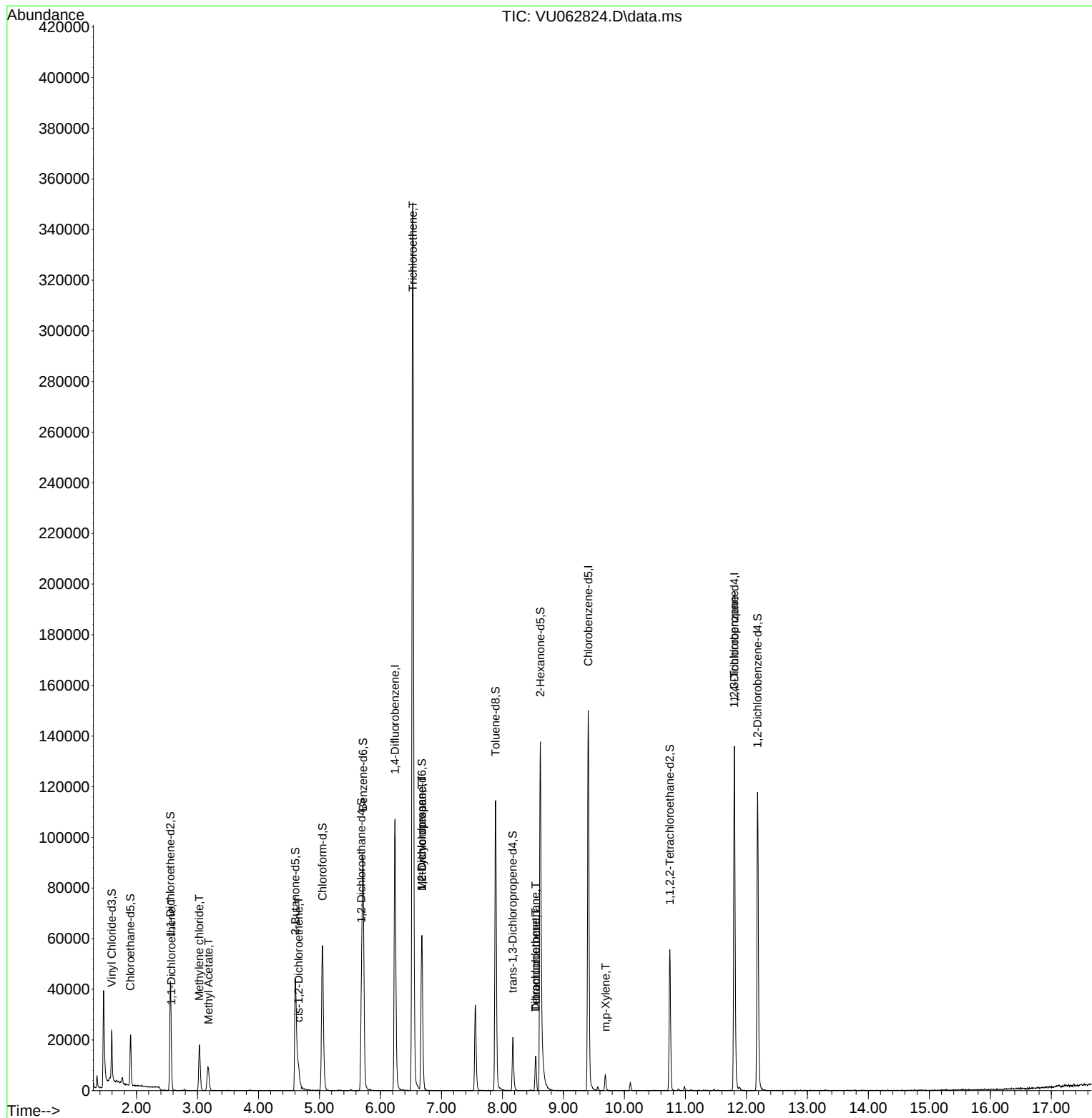
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	88900	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	85000	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39739	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	12837	2.607	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.200%
7) Chloroethane-d5	1.901	69	14393	3.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.557	65	8045	3.154	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	4.605	46	61435	61.051	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.100%
24) Chloroform-d	5.049	84	55554	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.689	65	33854	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.714	84	85718	4.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.679	67	26529	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.888	98	80221	3.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.171	79	13288	4.627	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.621	63	49052	54.312	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.620%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25436	5.272	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	33694	5.096	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	1171	0.212	ug/L #	1
15) Methyl Acetate	3.181	43	958	0.555	ug/L #	44
16) Methylene chloride	3.030	84	9182	1.519	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	3462	0.538	ug/L	95
34) Trichloroethene	6.531	95	121050	14.510	ug/L	99
35) Methylcyclohexane	6.679	83	7739	0.754	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3684	0.639	ug/L #	85
47) Tetrachloroethene	8.544	164	2956	0.514	ug/L	88
49) Dibromochloromethane	8.544	129	2805	0.447	ug/L #	12
53) m,p-Xylene	9.692	106	2076	0.183	ug/L	91
61) 1,2,3-Trichloropropane	11.801	75	4115	1.167	ug/L #	59

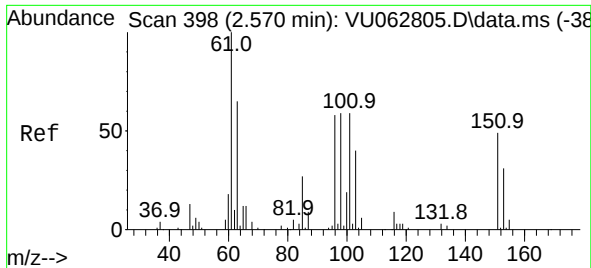
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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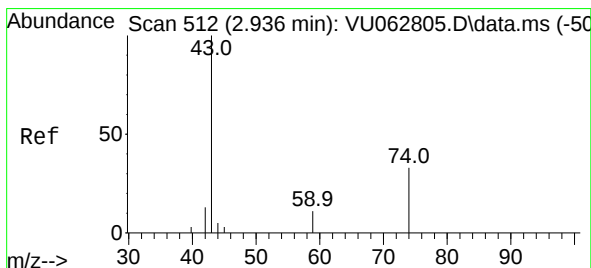
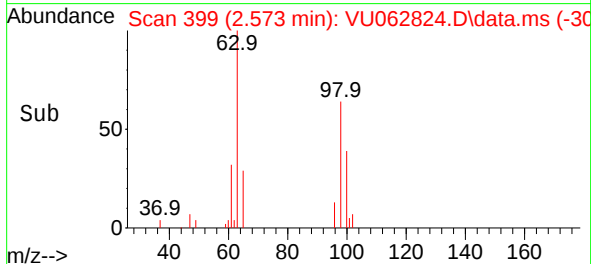
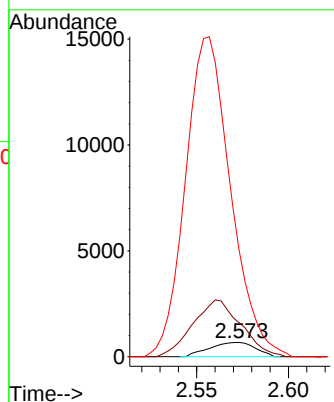
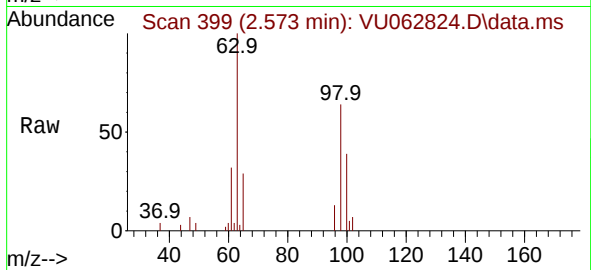




#12
1,1-Dichloroethene
Concen: 0.212 ug/L
RT: 2.573 min Scan# 30
Delta R.T. 0.003 min
Lab File: VU062824.D
Acq: 16 Jan 2025 16:55

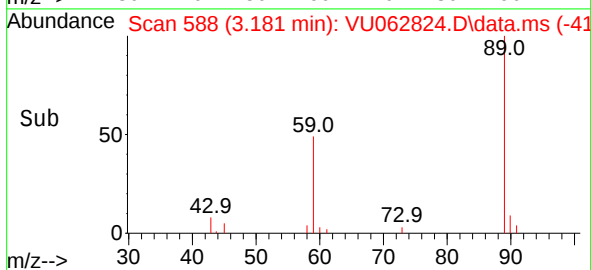
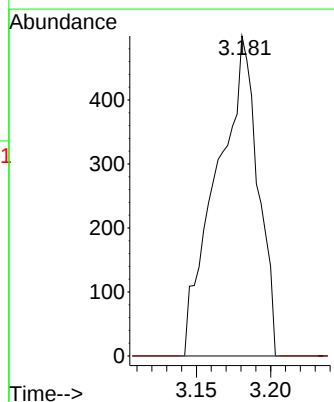
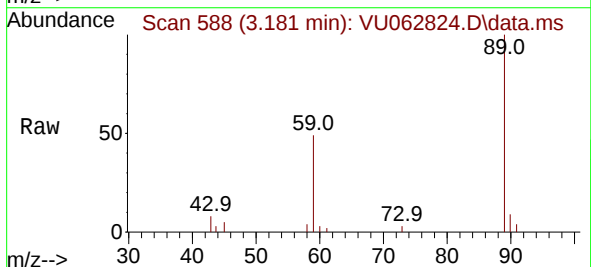
Instrument :
MSVOA_U
ClientSampleId :

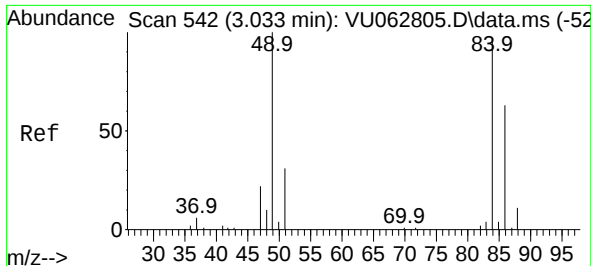
Tgt Ion: 96 Resp: 1171
Ion Ratio Lower Upper
96 100
61 239.3 120.4 223.6#
63 757.3 82.3 152.9#



#15
Methyl Acetate
Concen: 0.555 ug/L
RT: 3.181 min Scan# 588
Delta R.T. 0.244 min
Lab File: VU062824.D
Acq: 16 Jan 2025 16:55

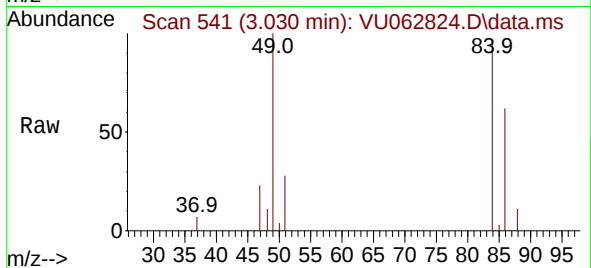
Tgt Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
74 0.0 24.4 36.6#



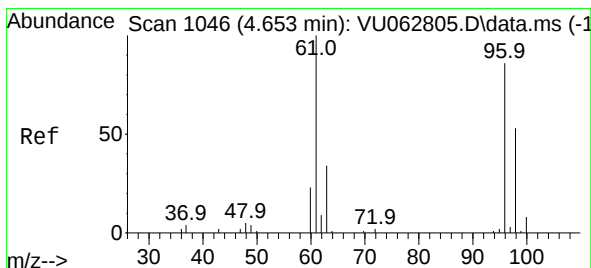
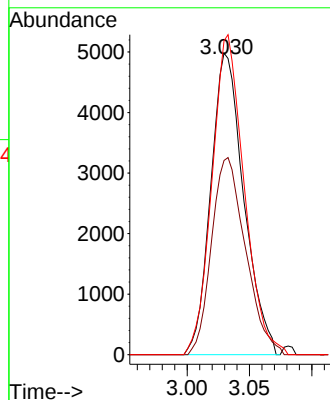
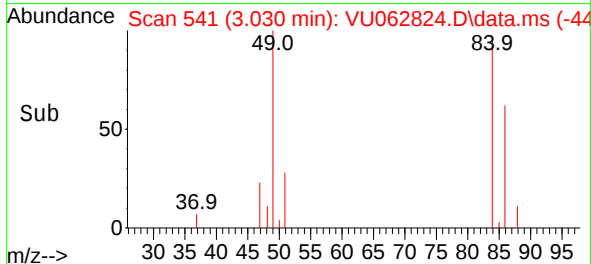


#16
Methylene chloride
Concen: 1.519 ug/L
RT: 3.030 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU062824.D
Acq: 16 Jan 2025 16:55

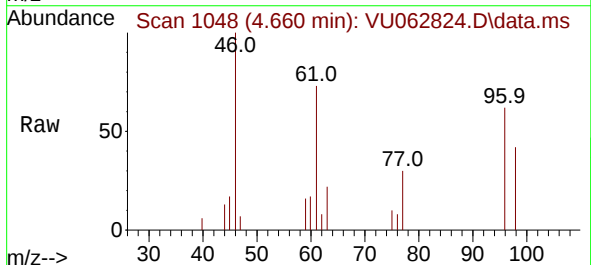
Instrument :
MSVOA_U
ClientSampleId :



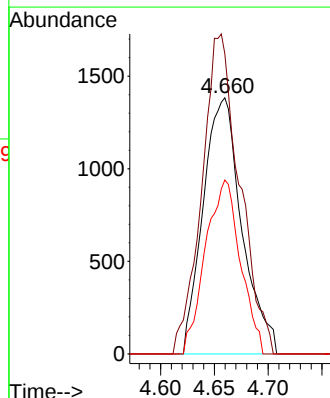
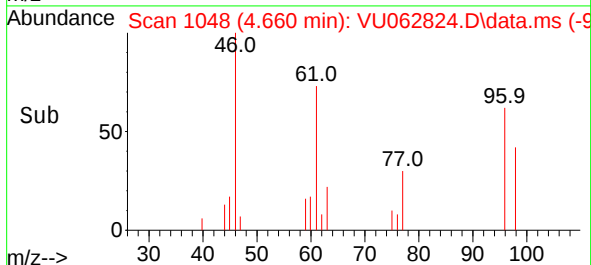
Tgt Ion: 84 Resp: 9182
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 104.1 68.3 126.9

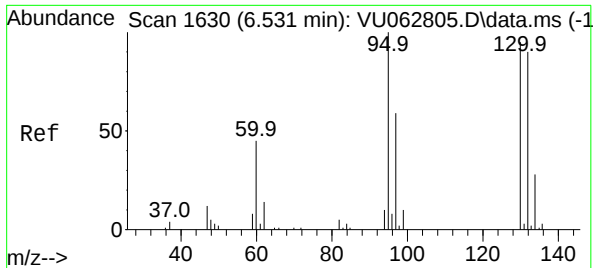


#22
cis-1,2-Dichloroethene
Concen: 0.538 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.007 min
Lab File: VU062824.D
Acq: 16 Jan 2025 16:55



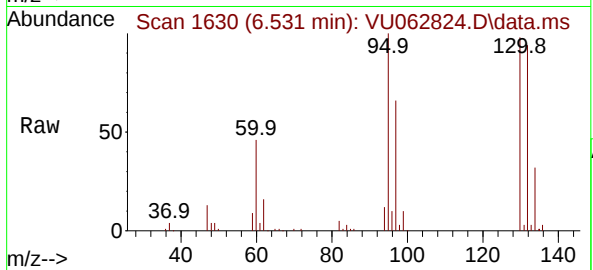
Tgt Ion: 96 Resp: 3462
Ion Ratio Lower Upper
96 100
61 117.2 84.8 157.6
98 67.9 43.1 80.1



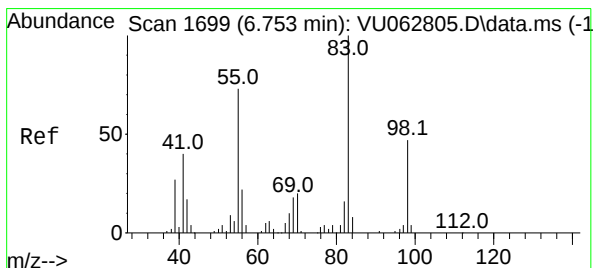
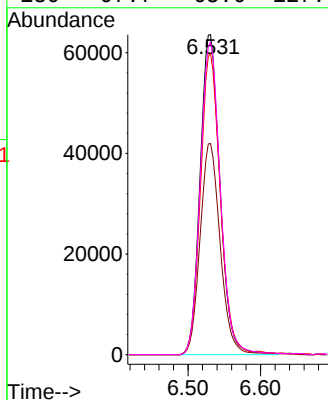
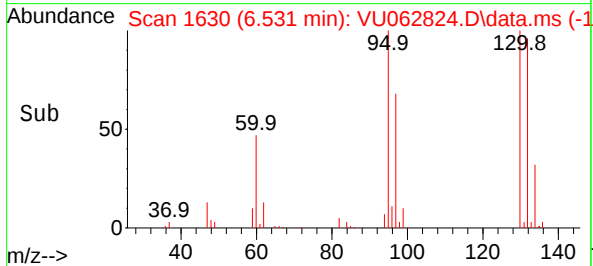


#34
Trichloroethene
Concen: 14.510 ug/L
RT: 6.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062824.D
Acq: 16 Jan 2025 16:55

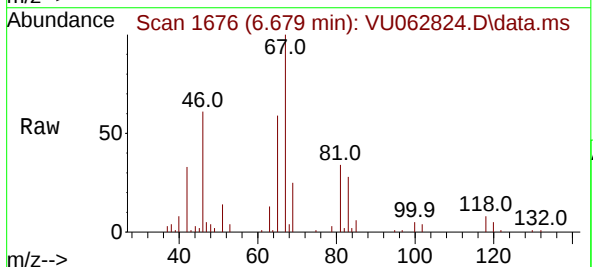
Instrument :
MSVOA_U
ClientSampleId :



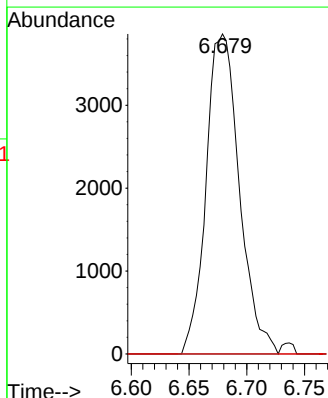
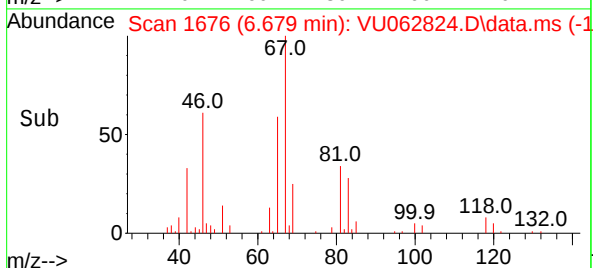
Tgt Ion: 95 Resp: 121050
Ion Ratio Lower Upper
95 100
97 66.0 47.5 88.3
132 94.1 66.9 124.3
130 97.7 68.6 127.4

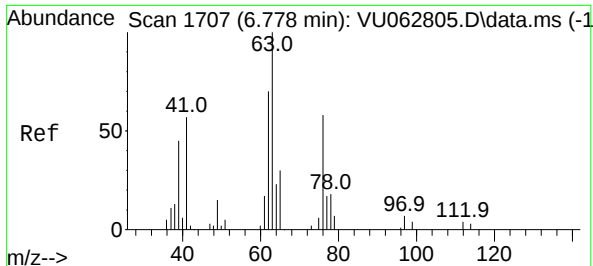


#35
Methylcyclohexane
Concen: 0.754 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062824.D
Acq: 16 Jan 2025 16:55



Tgt Ion: 83 Resp: 7739
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.0 36.6 55.0#

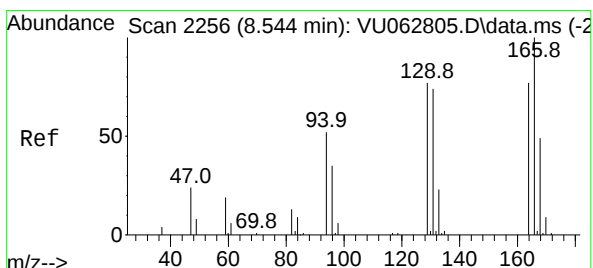
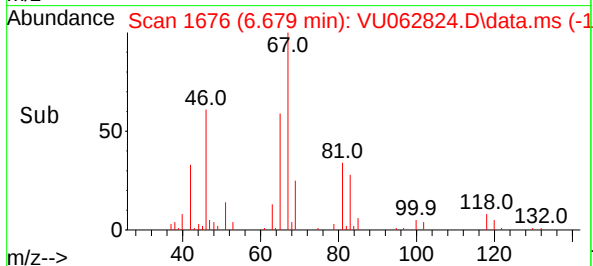
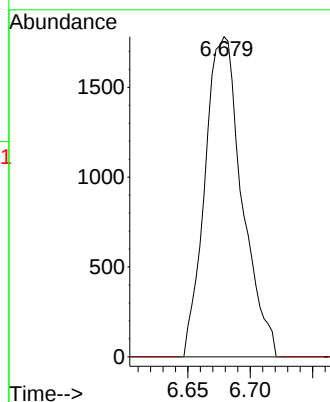
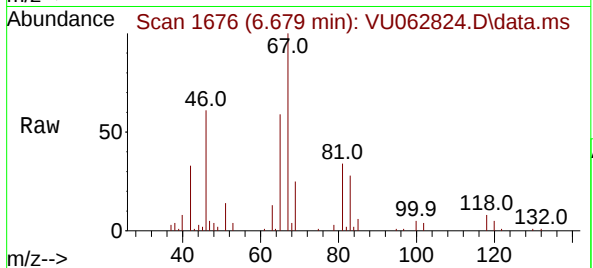




#37
1,2-Dichloropropane
Concen: 0.639 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062824.D
Acq: 16 Jan 2025 16:55

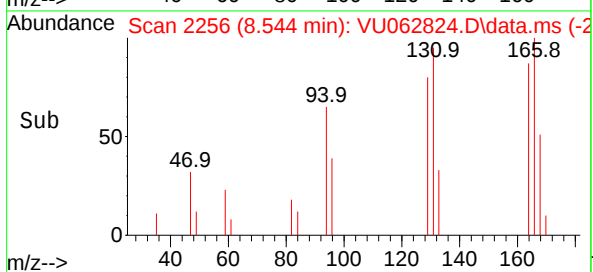
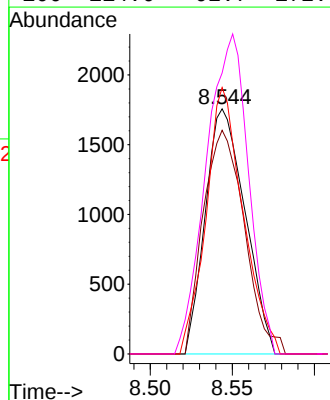
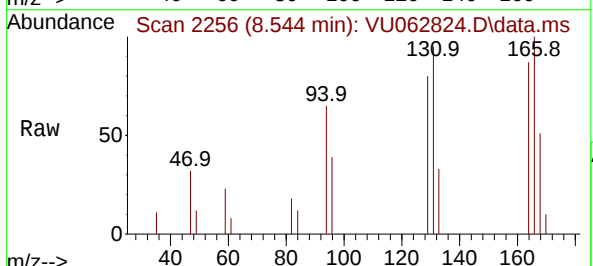
Instrument :
MSVOA_U
ClientSampleId :

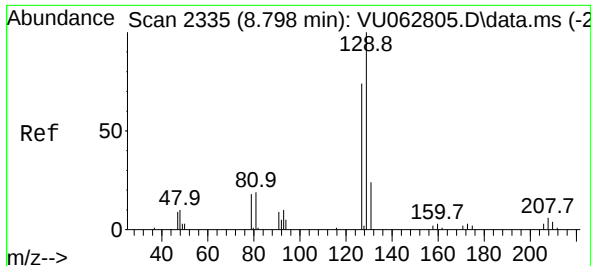
Tgt Ion: 63 Resp: 3684
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#47
Tetrachloroethene
Concen: 0.514 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062824.D
Acq: 16 Jan 2025 16:55

Tgt Ion:164 Resp: 2956
Ion Ratio Lower Upper
164 100
129 91.2 71.0 131.9
131 108.7 69.4 129.0
166 114.6 92.7 172.3





#49

Dibromochloromethane

Concen: 0.447 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU062824.D

Acq: 16 Jan 2025 16:55

Instrument :

MSVOA_U

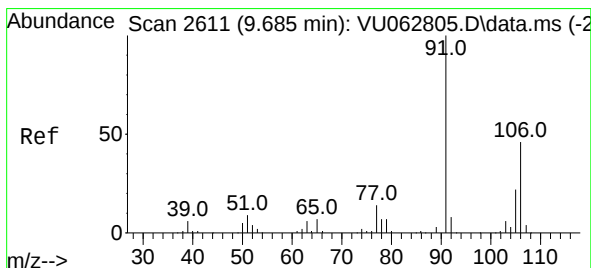
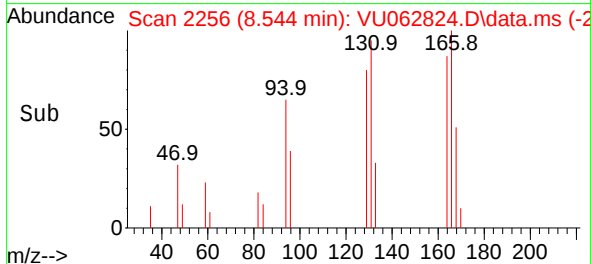
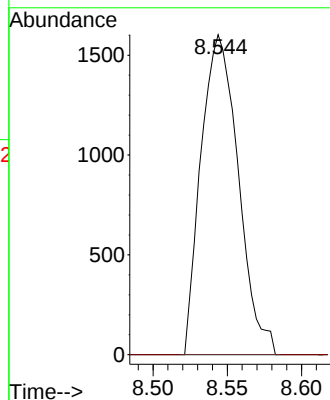
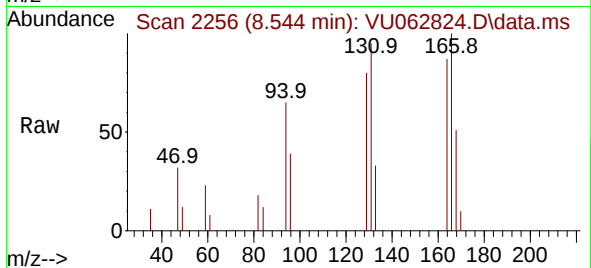
ClientSampleId :

Tgt Ion:129 Resp: 2805

Ion Ratio Lower Upper

129 100

127 0.0 52.1 96.9#



#53

m,p-Xylene

Concen: 0.183 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.007 min

Lab File: VU062824.D

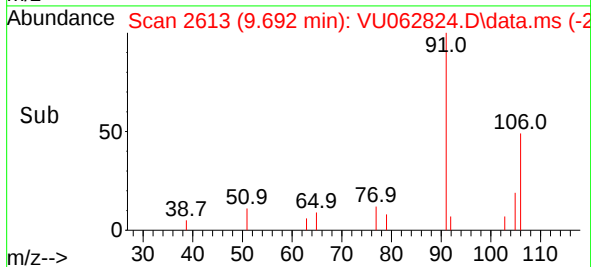
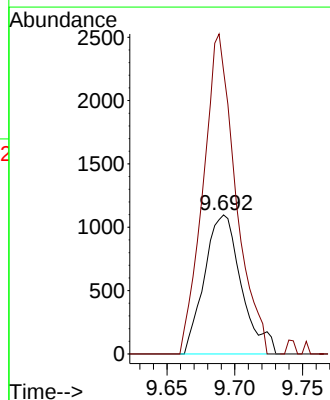
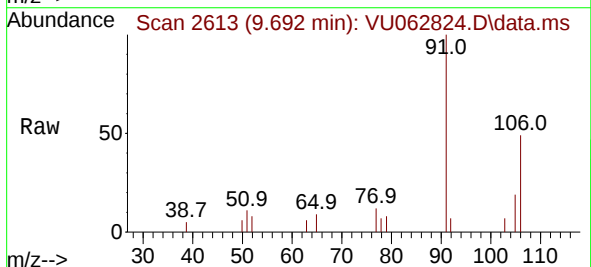
Acq: 16 Jan 2025 16:55

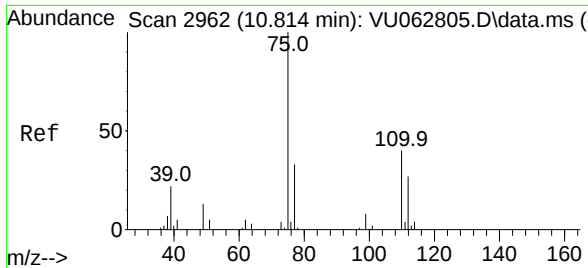
Tgt Ion:106 Resp: 2076

Ion Ratio Lower Upper

106 100

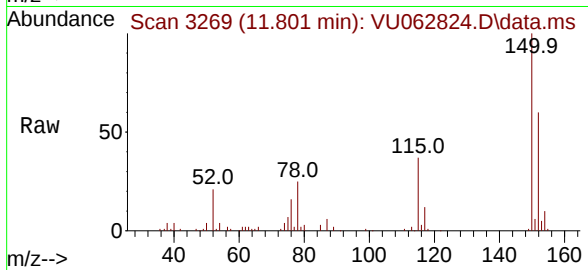
91 203.6 153.1 284.3





#61
 1,2,3-Trichloropropane
 Concen: 1.167 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU062824.D
 Acq: 16 Jan 2025 16:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	4115
Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	37.3	25.9	38.9

