

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062238.D
 Acq On : 11 Dec 2024 14:06
 Operator : MD/SY
 Sample : P5247-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 00:27:15 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)

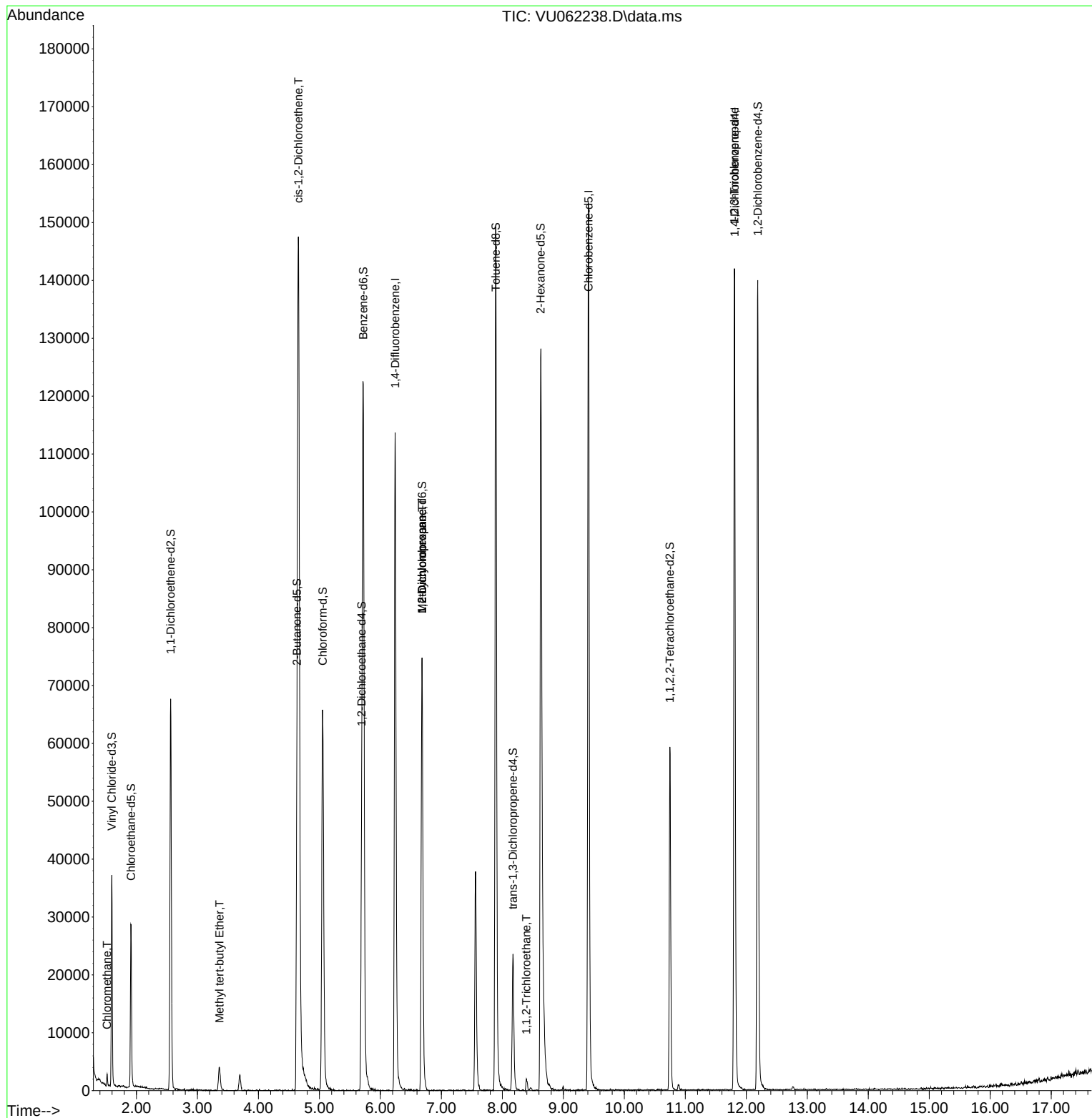
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	96699	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	91219	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	41130	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25564	3.919	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.911	69	21048	4.537	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.560	65	12573	4.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.631	46	63608	50.886	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.780%
24) Chloroform-d	5.052	84	66987	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.692	65	35642	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.718	84	120649	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.682	67	35255	4.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.891	98	105209	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.174	79	14438	4.363	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.627	63	48758	48.844	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28446	4.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	40311	5.319	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	1315	0.185	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	5239	0.322	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	73218	9.738	ug/L	94
35) Methylcyclohexane	6.682	83	9035	0.761	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	4462	0.648	ug/L #	87
45) 1,1,2-Trichloroethane	8.393	97	654	0.126	ug/L	90
61) 1,2,3-Trichloropropane	11.804	75	3920	1.031	ug/L #	61

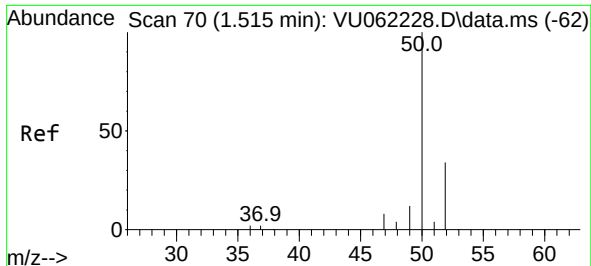
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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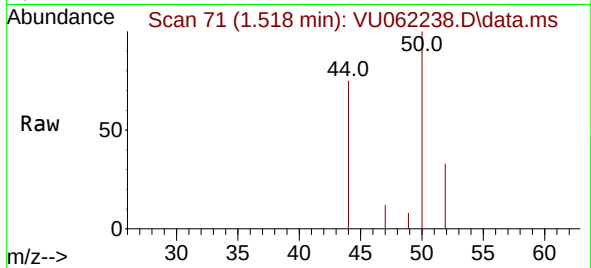
Quant Time: Dec 12 00:27:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
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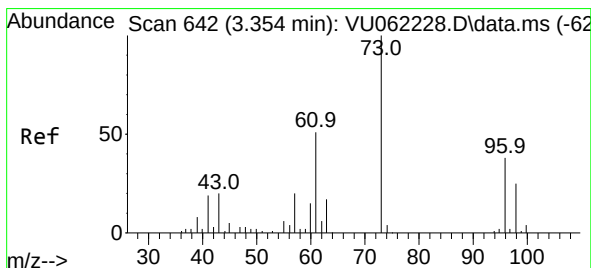
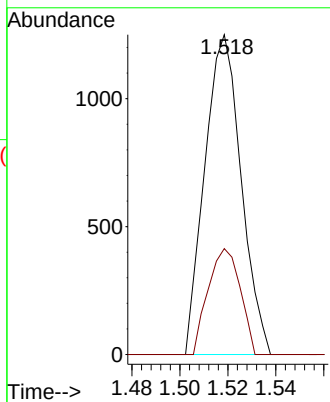
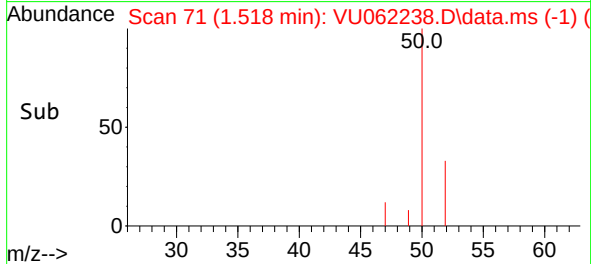


#3
Chloromethane
Concen: 0.185 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU062238.D
Acq: 11 Dec 2024 14:06

Instrument :
MSVOA_U
ClientSampleId :

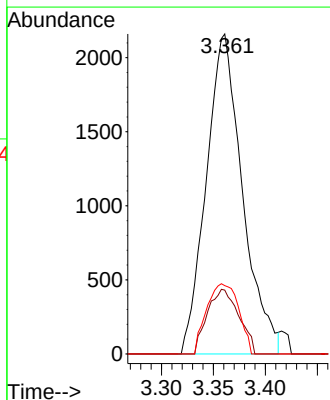
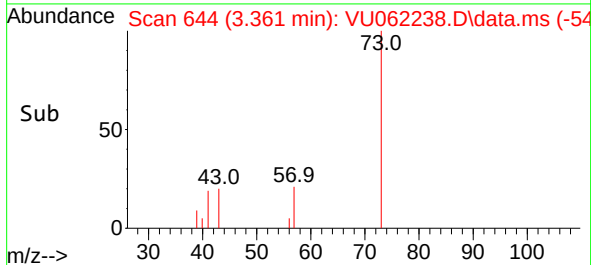
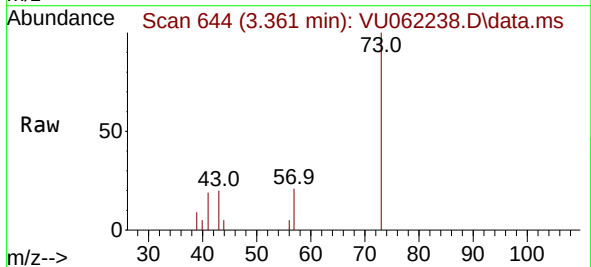


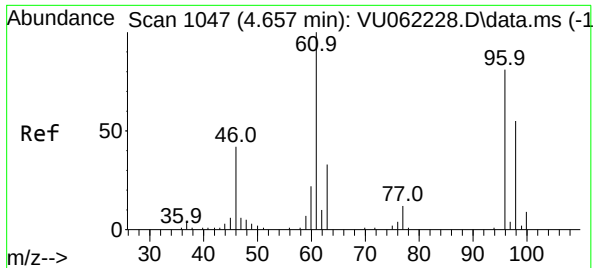
Tgt Ion: 50 Resp: 1315
Ion Ratio Lower Upper
50 100
52 33.1 23.1 42.9



#17
Methyl tert-butyl Ether
Concen: 0.322 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.006 min
Lab File: VU062238.D
Acq: 11 Dec 2024 14:06

Tgt Ion: 73 Resp: 5239
Ion Ratio Lower Upper
73 100
43 17.6 16.3 24.5
57 19.4 17.1 25.7

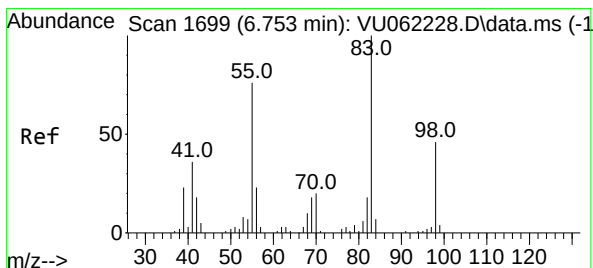
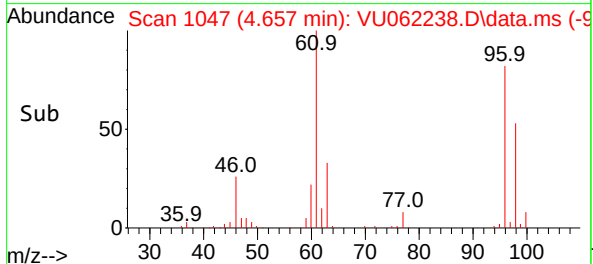
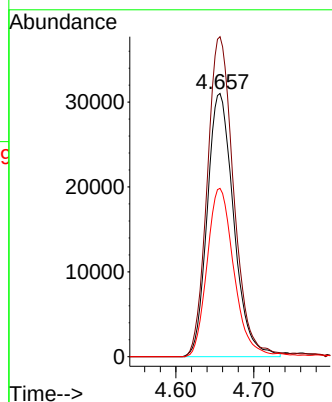
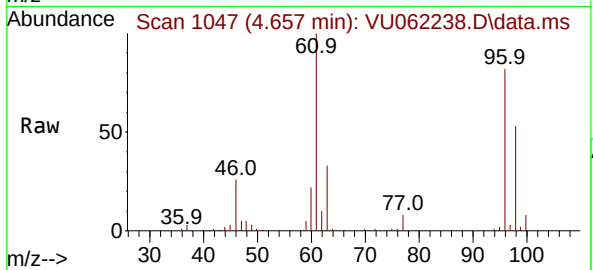




#22
 cis-1,2-Dichloroethene
 Concen: 9.738 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU062238.D
 Acq: 11 Dec 2024 14:06

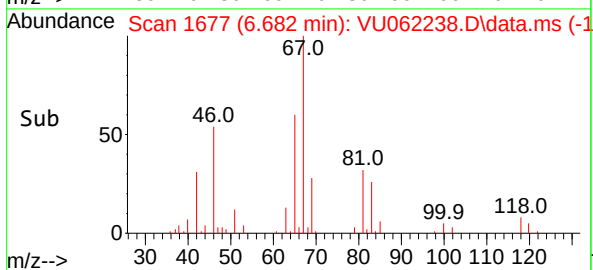
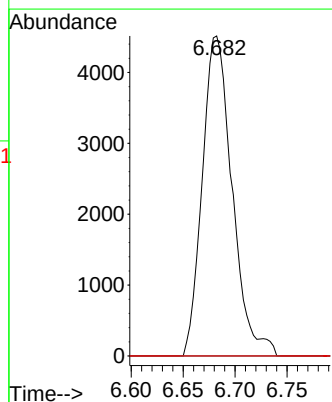
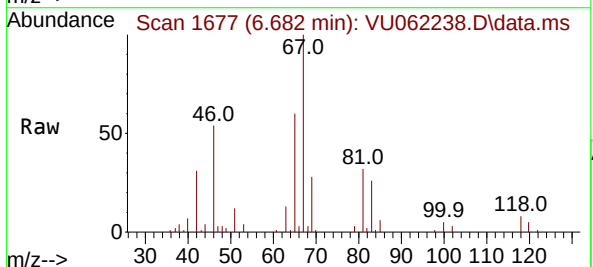
Instrument :
 MSVOA_U
 ClientSampleId :

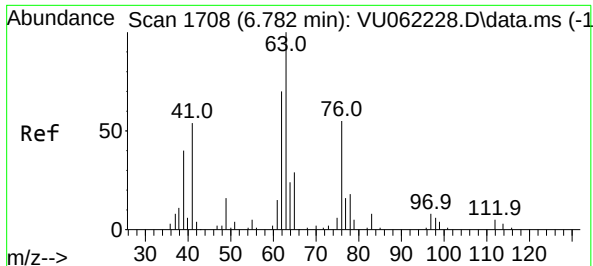
Tgt Ion: 96 Resp: 73218
 Ion Ratio Lower Upper
 96 100
 61 121.6 92.0 170.8
 98 64.0 44.5 82.7



#35
 Methylcyclohexane
 Concen: 0.761 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.071 min
 Lab File: VU062238.D
 Acq: 11 Dec 2024 14:06

Tgt Ion: 83 Resp: 9035
 Ion Ratio Lower Upper
 83 100
 55 0.0 60.7 91.1#
 98 0.0 34.8 52.2#

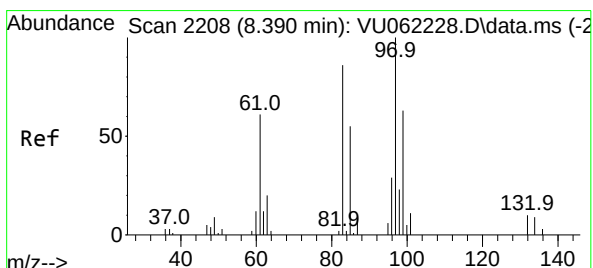
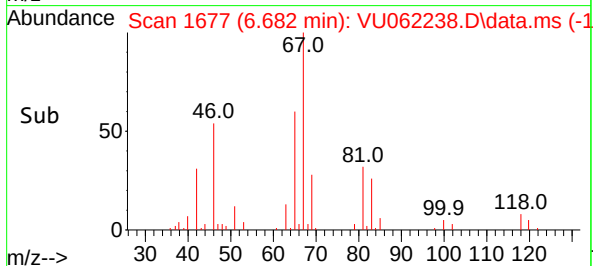
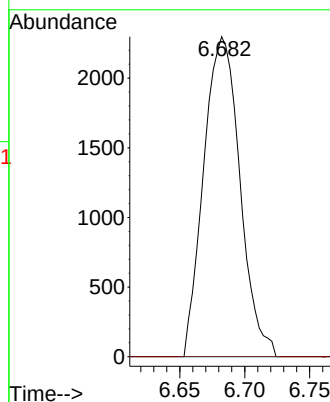
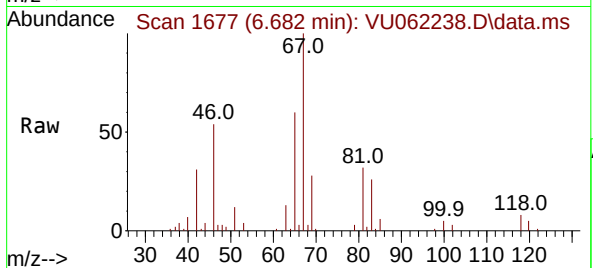




#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU062238.D
Acq: 11 Dec 2024 14:06

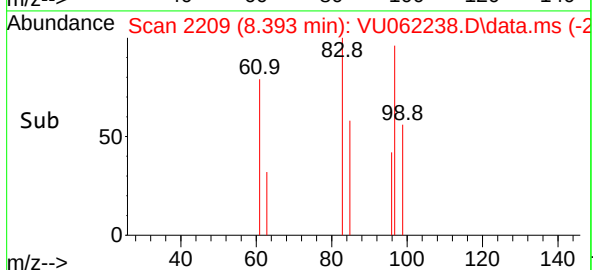
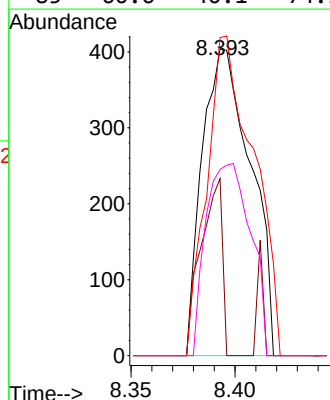
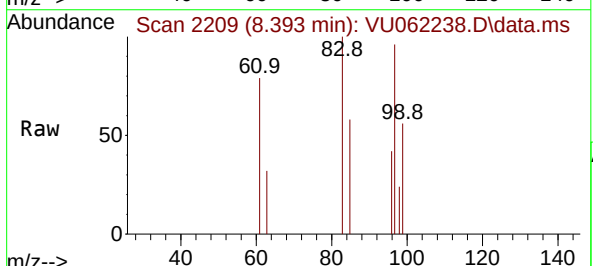
Instrument :
MSVOA_U
ClientSampleId :

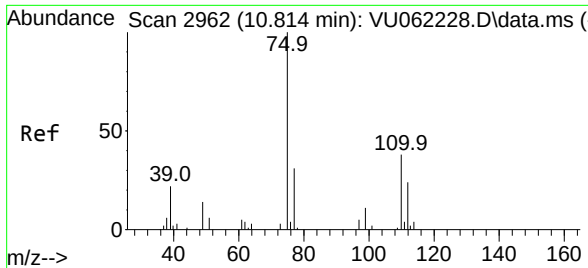
Tgt Ion: 63 Resp: 4462
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#45
1,1,2-Trichloroethane
Concen: 0.126 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU062238.D
Acq: 11 Dec 2024 14:06

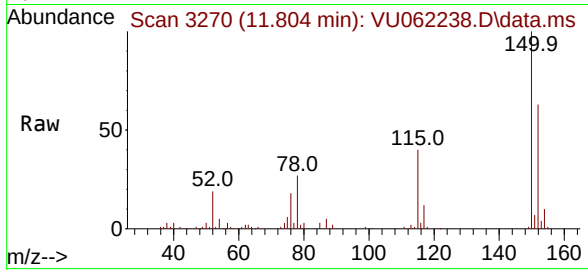
Tgt Ion: 97 Resp: 654
Ion Ratio Lower Upper
97 100
99 57.7 43.0 79.8
83 103.7 61.7 114.5
85 60.6 40.1 74.5





#61
 1,2,3-Trichloropropane
 Concen: 1.031 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062238.D
 Acq: 11 Dec 2024 14:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3920

Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.9	43.3#
77	40.9	26.5	39.7#

