

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121024\
 Data File : VU062222.D
 Acq On : 10 Dec 2024 21:07
 Operator : MD/SY
 Sample : P5247-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 03:49:25 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)

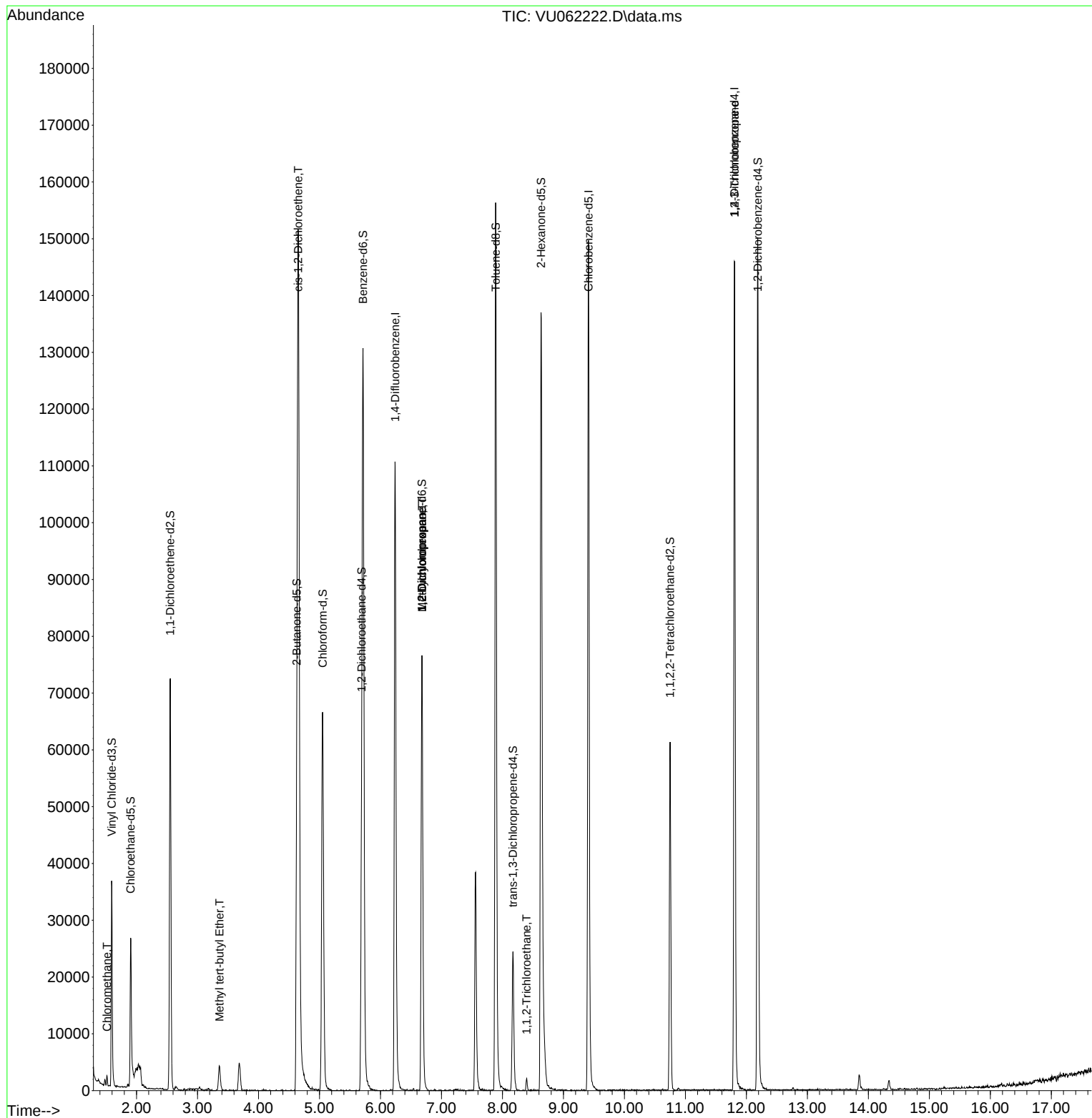
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	95455	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	87758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41735	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27434	4.261	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.904	69	20203	4.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.550	65	13897	4.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.628	46	64943	52.631	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.260%
24) Chloroform-d	5.052	84	66230	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.692	65	36628	5.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.714	84	122314	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.679	67	36049	4.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.891	98	109357	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.174	79	14516	4.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.634	63	52696	54.871	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.740%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	29563	5.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	41473	5.393	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	1180	0.168	ug/L	86
17) Methyl tert-butyl Ether	3.361	73	5483	0.342	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	74672	10.060	ug/L	95
35) Methylcyclohexane	6.682	83	9522	0.834	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	4239	0.640	ug/L #	87
45) 1,1,2-Trichloroethane	8.396	97	850	0.170	ug/L	93
61) 1,2,3-Trichloropropane	11.807	75	4387	1.137	ug/L #	68

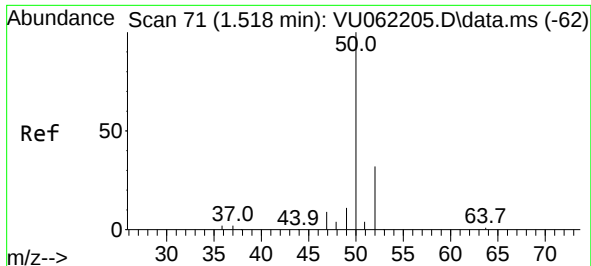
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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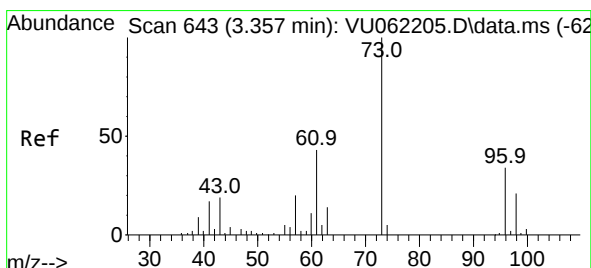
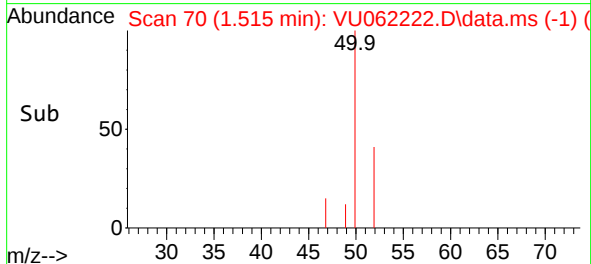
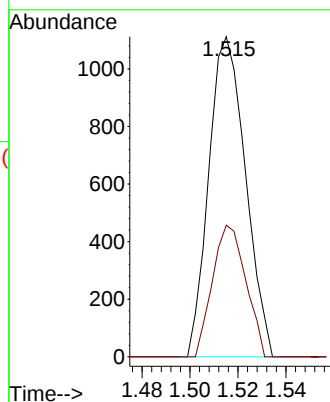
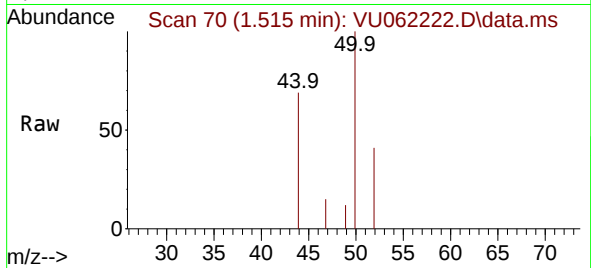
#3
 Chloromethane
 Concen: 0.168 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU062222.D
 Acq: 10 Dec 2024 21:07

Instrument :

MSVOA_U

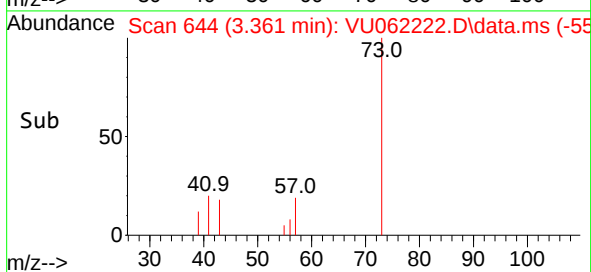
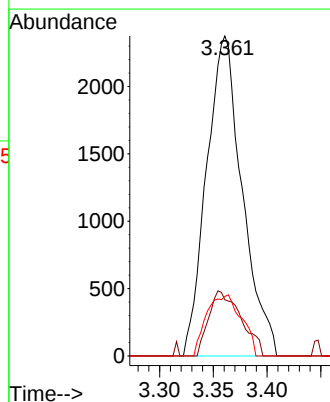
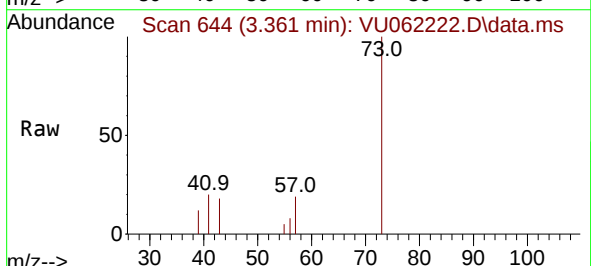
ClientSampleId :

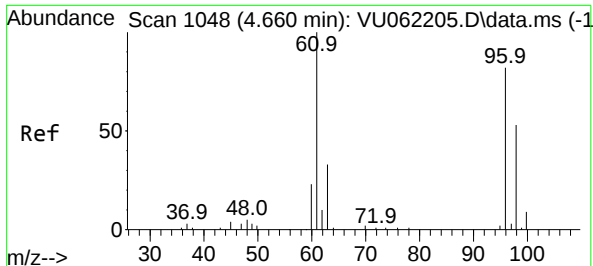
Tgt Ion: 50 Resp: 1180
 Ion Ratio Lower Upper
 50 100
 52 41.1 23.1 42.9



#17
 Methyl tert-butyl Ether
 Concen: 0.342 ug/L
 RT: 3.361 min Scan# 644
 Delta R.T. 0.003 min
 Lab File: VU062222.D
 Acq: 10 Dec 2024 21:07

Tgt Ion: 73 Resp: 5483
 Ion Ratio Lower Upper
 73 100
 43 18.5 16.3 24.5
 57 18.7 17.1 25.7





#22

cis-1,2-Dichloroethene

Concen: 10.060 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.006 min

Lab File: VU062222.D

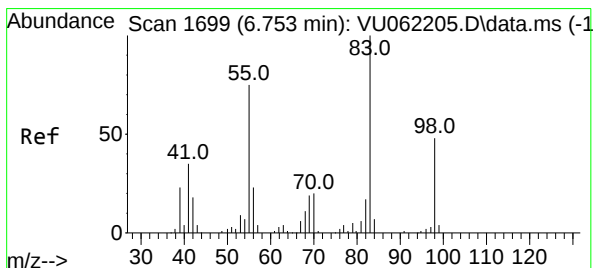
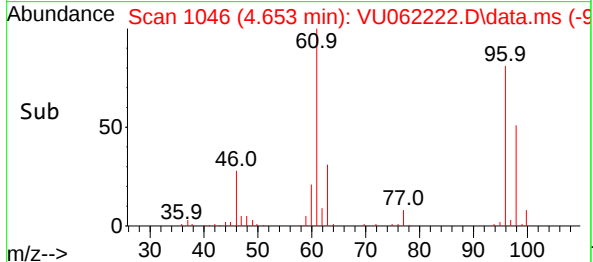
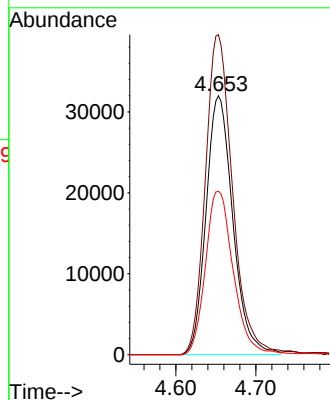
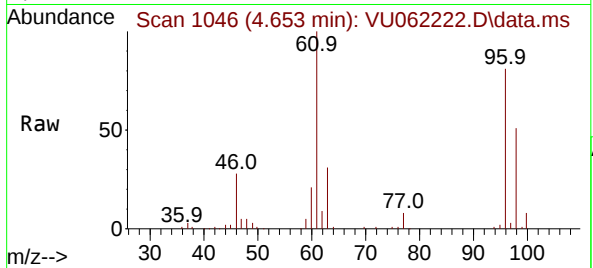
Acq: 10 Dec 2024 21:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	96	Resp:	74672
Ion	Ratio	Lower	Upper
96	100		
61	123.6	92.0	170.8
98	63.2	44.5	82.7



#35

Methylcyclohexane

Concen: 0.834 ug/L

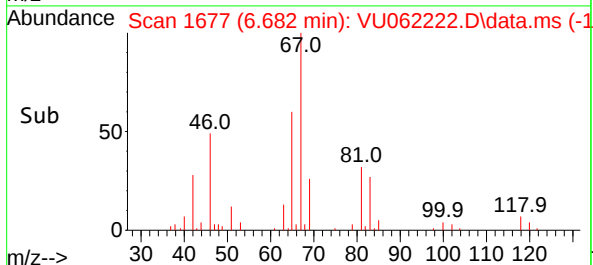
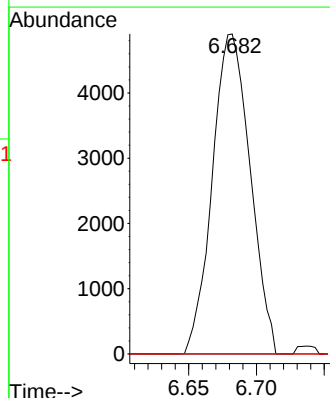
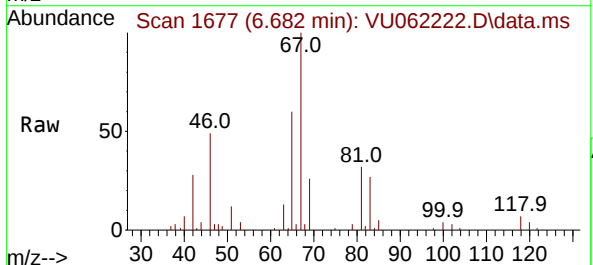
RT: 6.682 min Scan# 1677

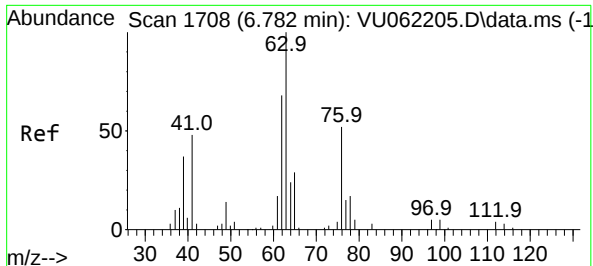
Delta R.T. -0.071 min

Lab File: VU062222.D

Acq: 10 Dec 2024 21:07

Tgt Ion:	83	Resp:	9522
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.7	91.1#
98	0.0	34.8	52.2#

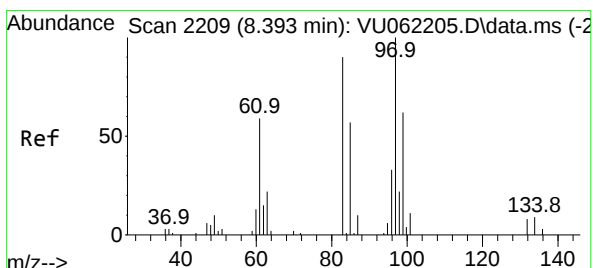
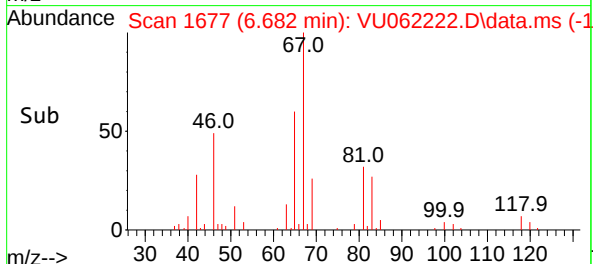
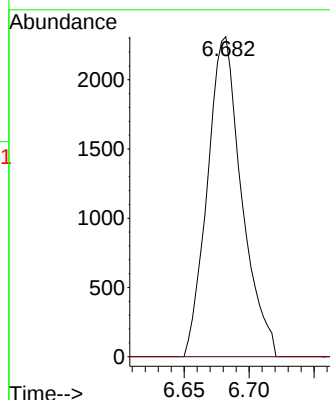
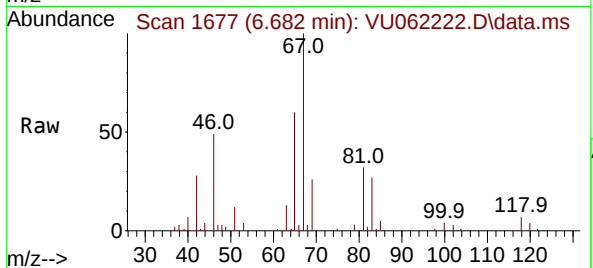




#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU062222.D
Acq: 10 Dec 2024 21:07

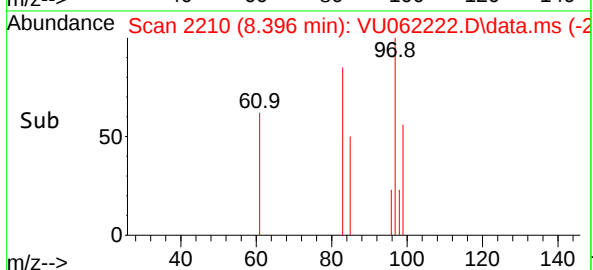
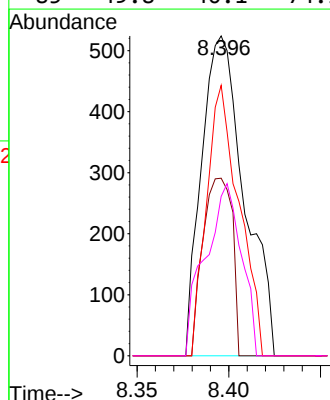
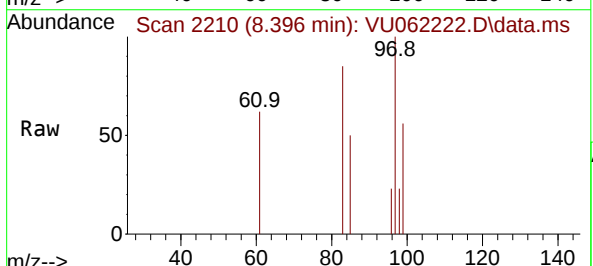
Instrument :
MSVOA_U
ClientSampleId :

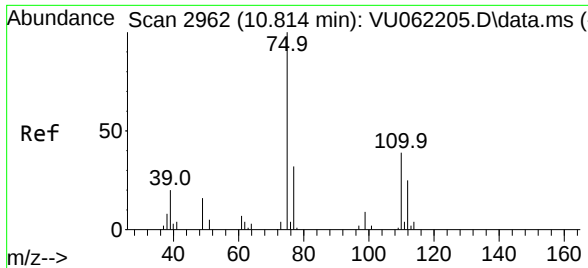
Tgt Ion: 63 Resp: 4239
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#45
1,1,2-Trichloroethane
Concen: 0.170 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU062222.D
Acq: 10 Dec 2024 21:07

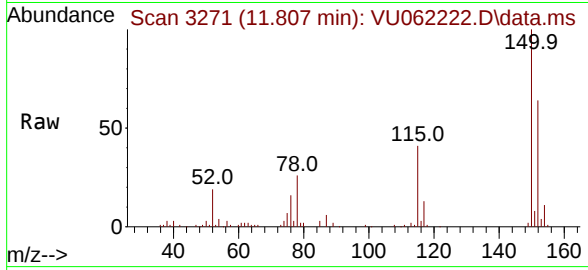
Tgt Ion: 97 Resp: 850
Ion Ratio Lower Upper
97 100
99 55.5 43.0 79.8
83 84.5 61.7 114.5
85 49.8 40.1 74.5





#61
1,2,3-Trichloropropane
Concen: 1.137 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.993 min
Lab File: VU062222.D
Acq: 10 Dec 2024 21:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4387
Ion Ratio Lower Upper
75 100
110 1.8 28.9 43.3#
77 34.7 26.5 39.7

