

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062915.D
 Acq On : 20 Jan 2025 13:30
 Operator : MD/SY
 Sample : Q1072-16DL 2X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:41:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 02:39:03 2025
 Response via : Initial Calibration

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

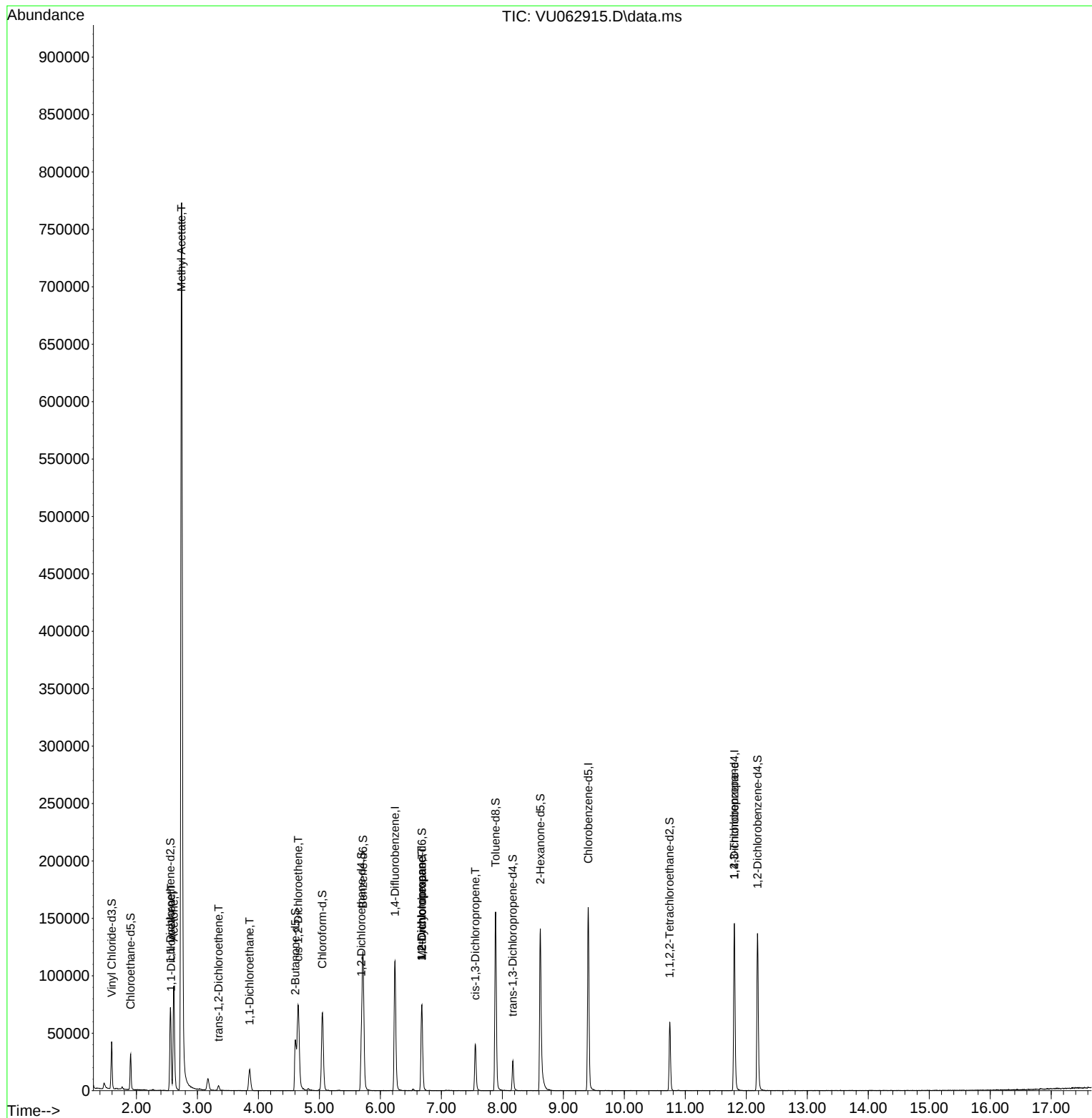
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	94864	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40865	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25559	4.865	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.904	69	21900	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.557	65	13706	5.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.800%
20) 2-Butanone-d5	4.605	46	61862	57.610	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.220%
24) Chloroform-d	5.046	84	67183	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.689	65	38814	5.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.714	84	112953	5.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.679	67	32711	5.398	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.888	98	106912	5.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.171	79	16177	5.355	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.200%
46) 2-Hexanone-d5	8.621	63	48362	50.906	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.820%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	26854	5.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	37882	5.572	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.567	96	1263	0.214	ug/L #	1
13) Acetone	2.612	43	98247	115.497	ug/L	100
15) Methyl Acetate	2.737	43	206099	111.899	ug/L #	44
18) trans-1,2-Dichloroethene	3.348	96	1688	0.268	ug/L	98
19) 1,1-Dichloroethane	3.856	63	20634	1.829	ug/L	93
22) cis-1,2-Dichloroethene	4.653	96	40171	5.847	ug/L	98
35) Methylcyclohexane	6.679	83	9167	0.849	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	4300	0.710	ug/L #	85
39) cis-1,3-Dichloropropene	7.557	75	1326	0.129	ug/L #	82
61) 1,2,3-Trichloropropane	11.801	75	3849	1.062	ug/L #	57

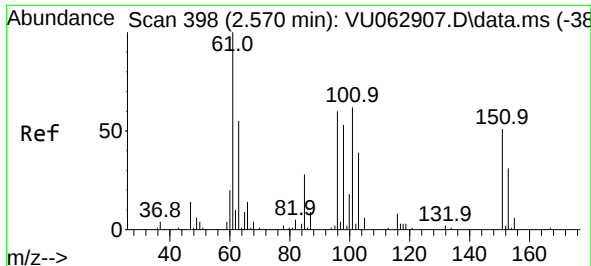
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.214 ug/L

RT: 2.567 min Scan# 398

Delta R.T. -0.003 min

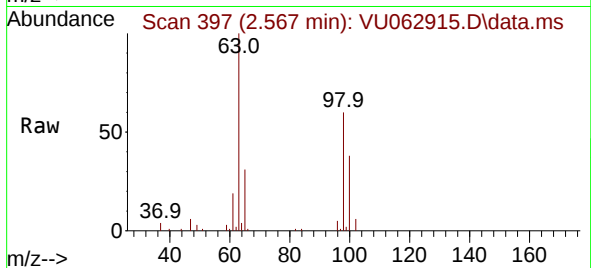
Lab File: VU062915.D

Acq: 20 Jan 2025 13:30

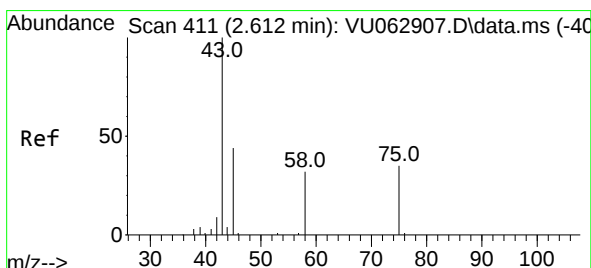
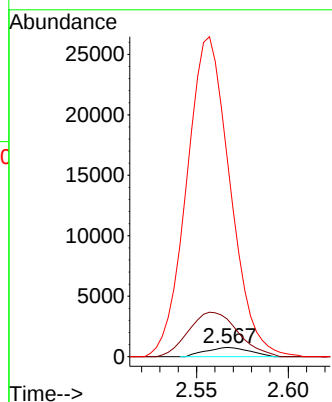
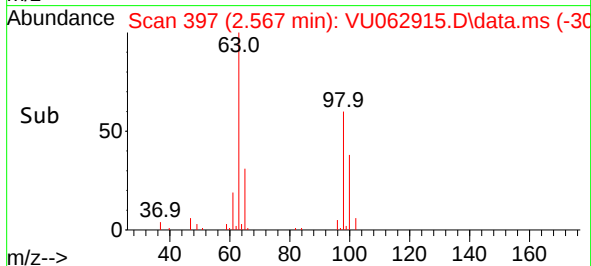
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	1263
Ion	Ratio	Lower	Upper
96	100		
61	409.7	120.4	223.6#
63	2165.9	82.3	152.9#



#13

Acetone

Concen: 115.497 ug/L

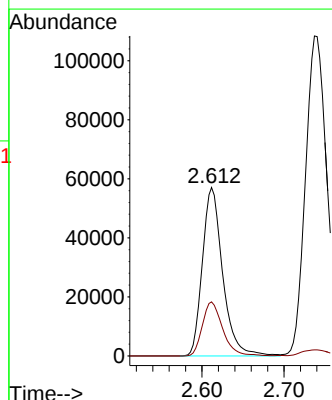
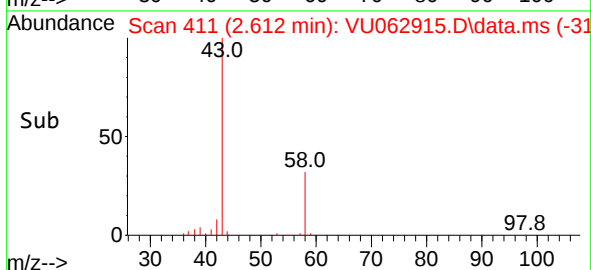
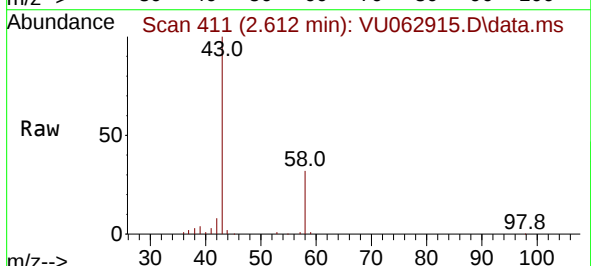
RT: 2.612 min Scan# 411

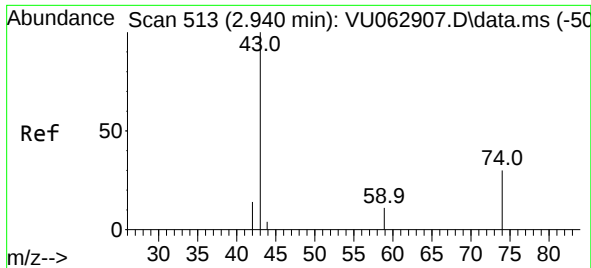
Delta R.T. 0.000 min

Lab File: VU062915.D

Acq: 20 Jan 2025 13:30

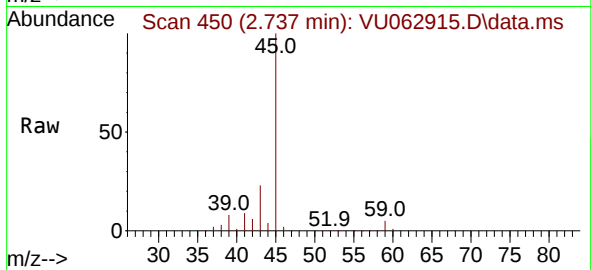
Tgt Ion:	43	Resp:	98247
Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	64.4



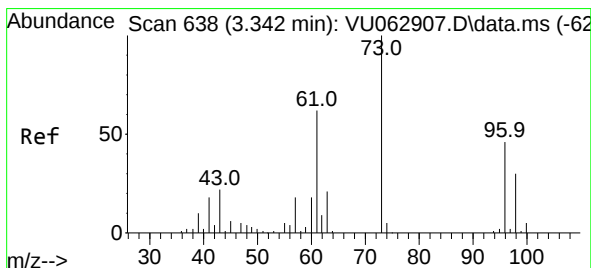
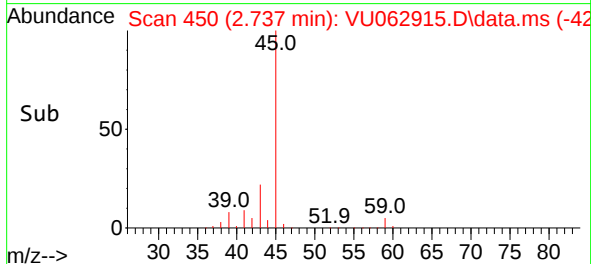
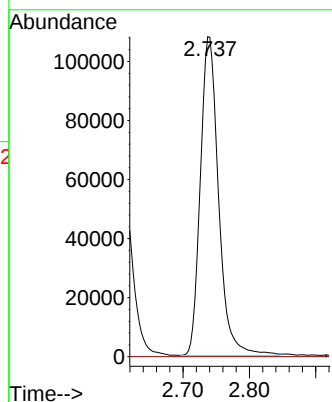


#15
Methyl Acetate
Concen: 111.899 ug/L
RT: 2.737 min Scan# 41
Delta R.T. -0.203 min
Lab File: VU062915.D
Acq: 20 Jan 2025 13:30

Instrument :
MSVOA_U
ClientSampleId :

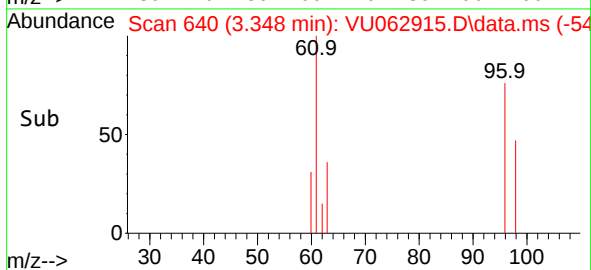
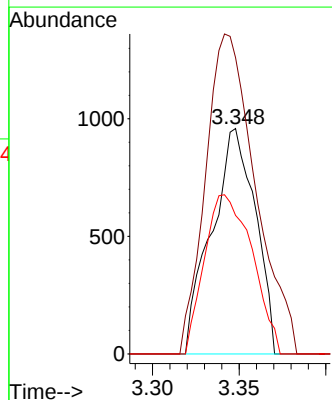
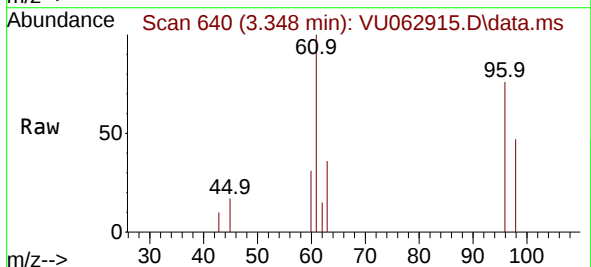


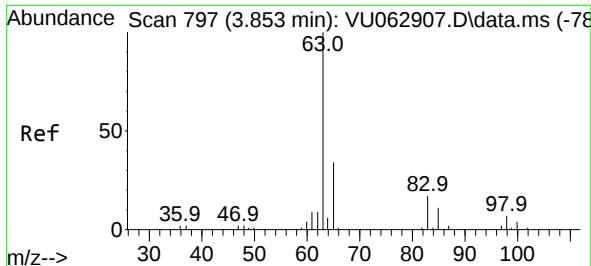
Tgt Ion: 43 Resp: 206099
Ion Ratio Lower Upper
43 100
74 0.0 24.4 36.6#



#18
trans-1,2-Dichloroethene
Concen: 0.268 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU062915.D
Acq: 20 Jan 2025 13:30

Tgt Ion: 96 Resp: 1688
Ion Ratio Lower Upper
96 100
61 131.4 94.4 175.2
98 61.4 42.8 79.4





#19

1,1-Dichloroethane

Concen: 1.829 ug/L

RT: 3.856 min Scan# 797

Delta R.T. 0.003 min

Lab File: VU062915.D

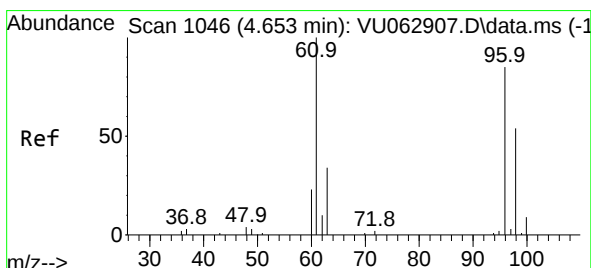
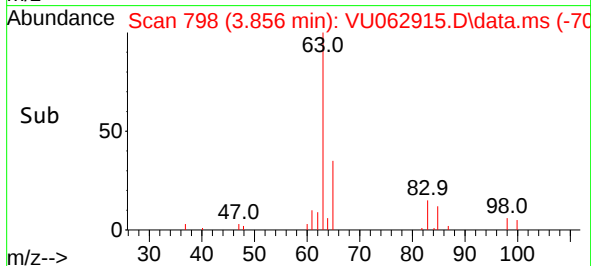
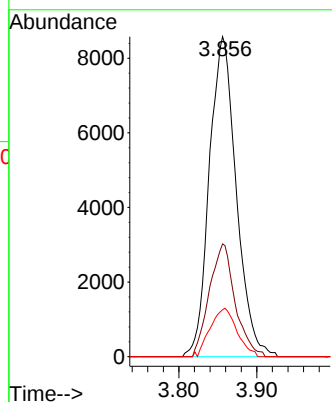
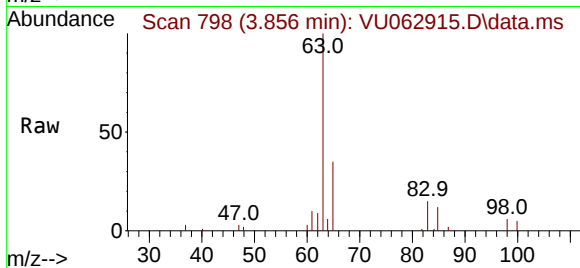
Acq: 20 Jan 2025 13:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	20634
Ion	Ratio	Lower	Upper
63	100		
65	35.3	20.7	38.5
83	14.7	10.5	19.5



#22

cis-1,2-Dichloroethene

Concen: 5.847 ug/L

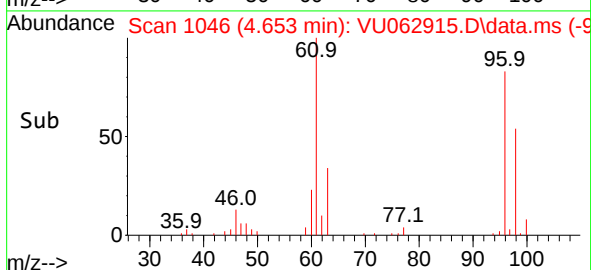
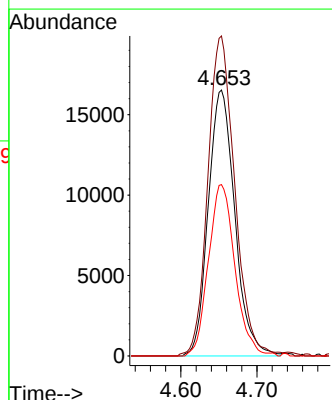
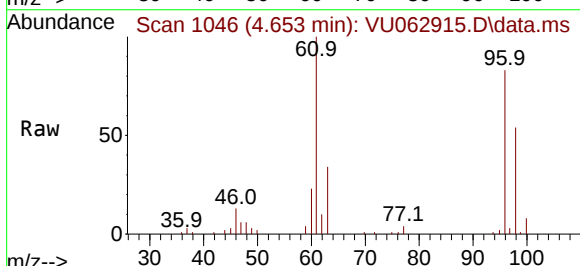
RT: 4.653 min Scan# 1046

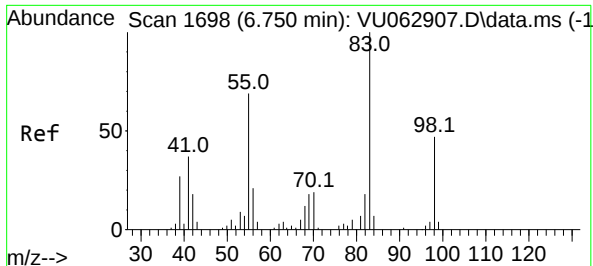
Delta R.T. 0.000 min

Lab File: VU062915.D

Acq: 20 Jan 2025 13:30

Tgt Ion:	96	Resp:	40171
Ion	Ratio	Lower	Upper
96	100		
61	120.3	84.8	157.6
98	64.4	43.1	80.1

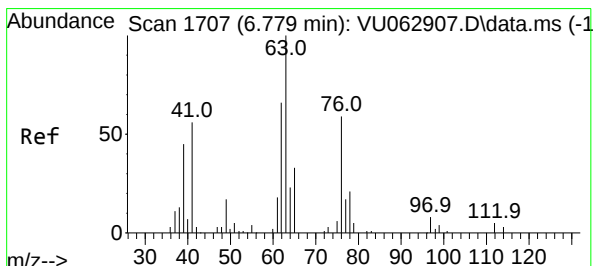
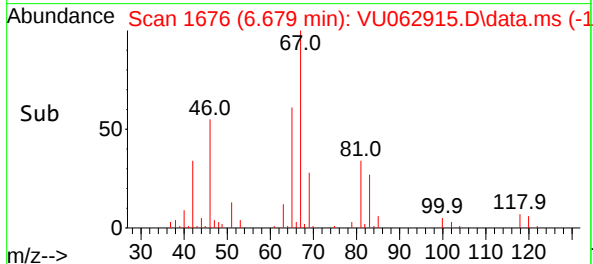
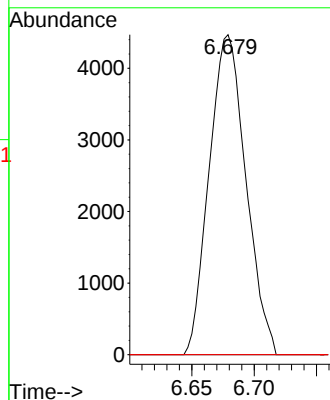
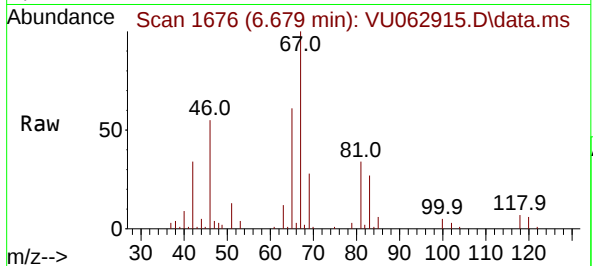




#35
Methylcyclohexane
Concen: 0.849 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062915.D
Acq: 20 Jan 2025 13:30

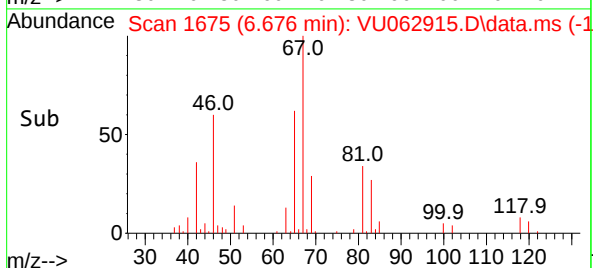
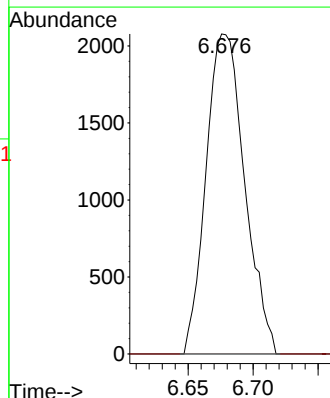
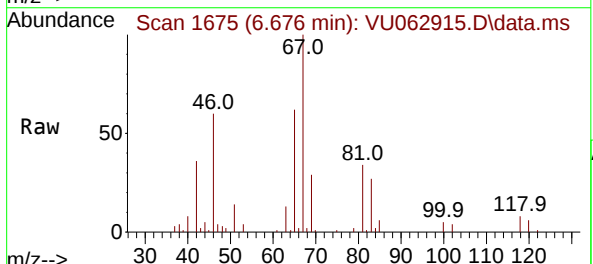
Instrument :
MSVOA_U
ClientSampleId :

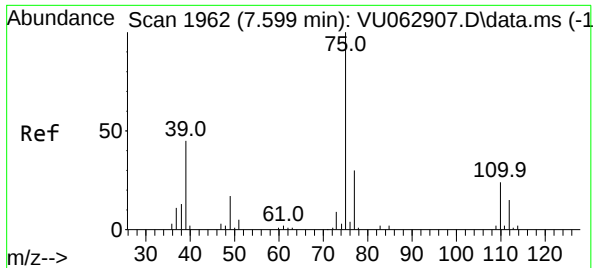
Tgt Ion: 83 Resp: 9167
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.0 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.710 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.103 min
Lab File: VU062915.D
Acq: 20 Jan 2025 13:30

Tgt Ion: 63 Resp: 4300
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

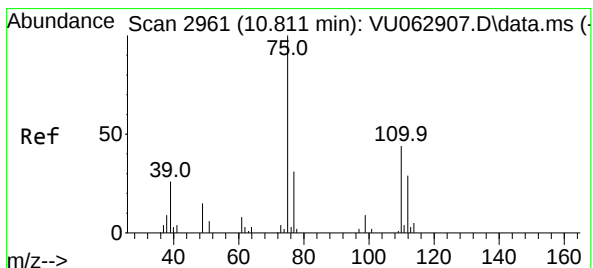
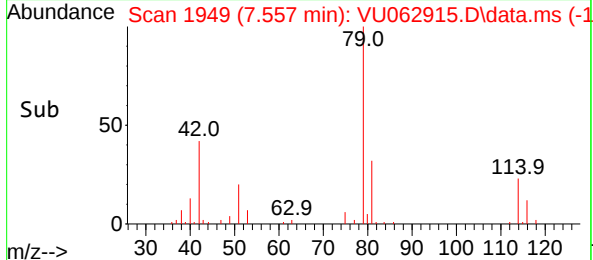
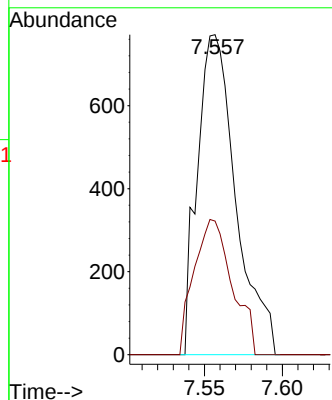
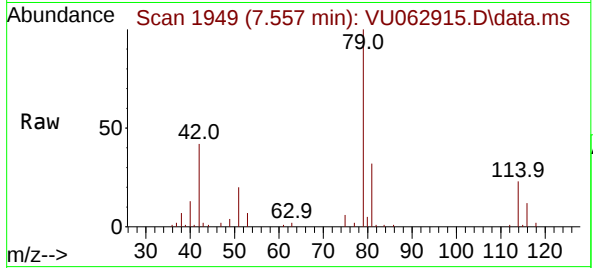




#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.557 min Scan# 1962
 Delta R.T. -0.042 min
 Lab File: VU062915.D
 Acq: 20 Jan 2025 13:30

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 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 1326
 Ion Ratio Lower Upper
 75 100
 77 41.8 22.3 41.3#



#61
 1,2,3-Trichloropropane
 Concen: 1.062 ug/L
 RT: 11.801 min Scan# 3269
 Delta R.T. 0.990 min
 Lab File: VU062915.D
 Acq: 20 Jan 2025 13:30

Tgt Ion: 75 Resp: 3849
 Ion Ratio Lower Upper
 75 100
 110 0.0 33.2 49.8#
 77 40.4 25.9 38.9#

