

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062762.D
 Acq On : 15 Jan 2025 13:12
 Operator : MD/SY
 Sample : Q1071-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:46:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 00:44:09 2025
 Response via : Initial Calibration

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

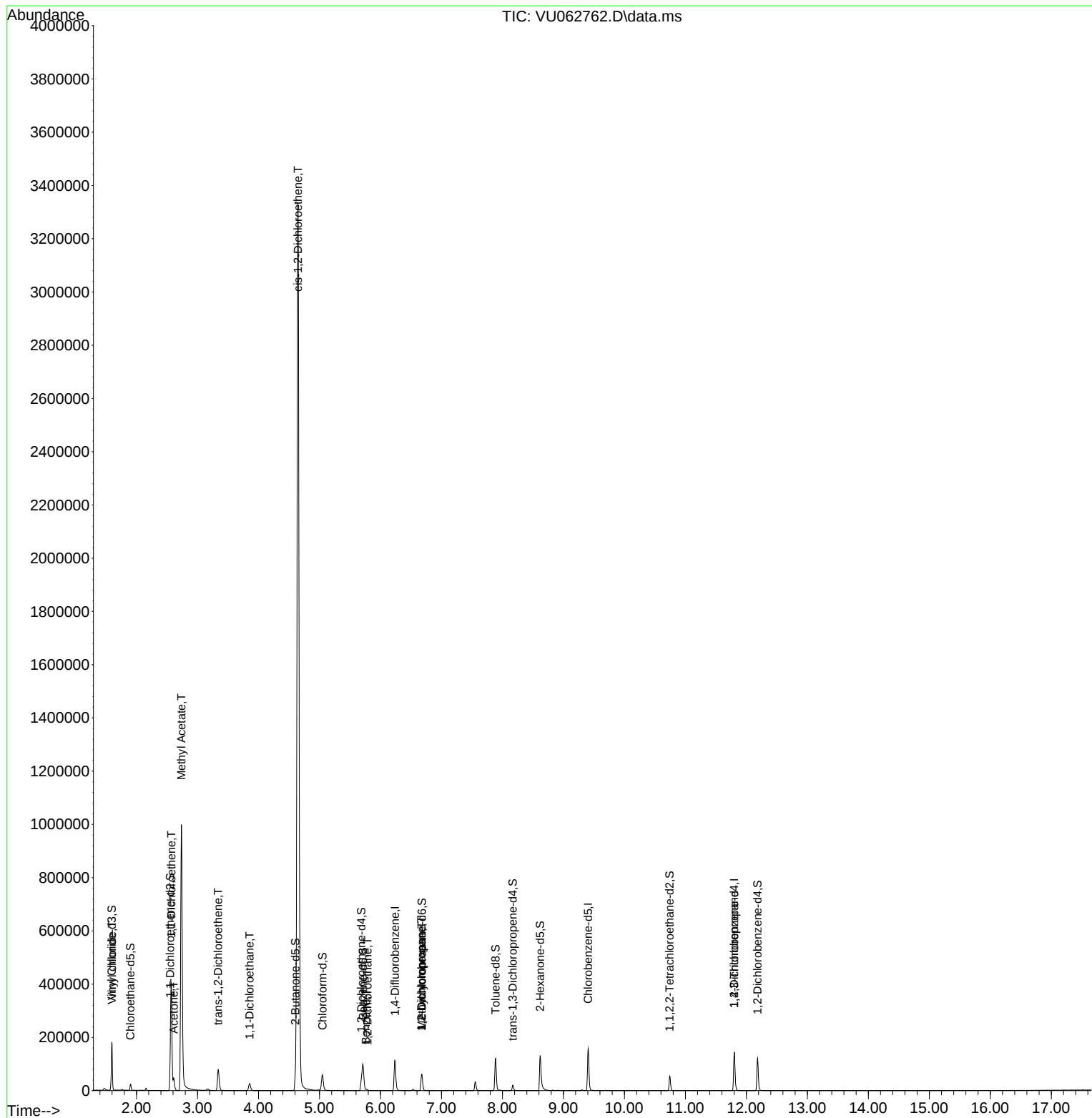
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	95032	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	88520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	42386	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	16613	3.156	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.901	69	16277	3.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.554	65	9941	3.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.605	46	59031	54.876	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.760%
24) Chloroform-d	5.049	84	58159	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.689	65	33633	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.714	84	91523	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.679	67	26857	4.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.888	98	84286	3.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.171	79	12891	4.311	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.618	63	46411	49.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.680%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	25893	5.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	35654	5.056	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	7678	1.122	ug/L	94
12) 1,1-Dichloroethene	2.570	96	131593	22.306	ug/L #	74
13) Acetone	2.612	43	48869	57.348	ug/L	99
15) Methyl Acetate	2.737	43	265072	143.663	ug/L #	44
18) trans-1,2-Dichloroethene	3.338	96	34546	5.466	ug/L	97
19) 1,1-Dichloroethane	3.856	63	30915	2.736	ug/L	98
22) cis-1,2-Dichloroethene	4.647	96	1813046	263.415	ug/L	98
27) 1,2-Dichloroethane	5.788	62	2246	0.247	ug/L #	79
33) Benzene	5.763	78	3851	0.151	ug/L	100
35) Methylcyclohexane	6.676	83	7950	0.744	ug/L #	20
37) 1,2-Dichloropropane	6.673	63	3451	0.575	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	3979	1.058	ug/L #	58

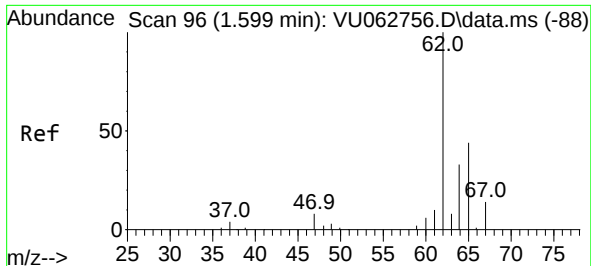
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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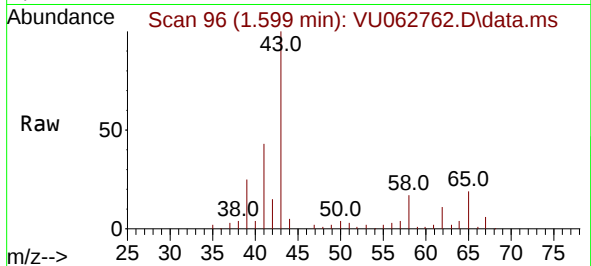
Quant Time: Jan 16 00:46:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
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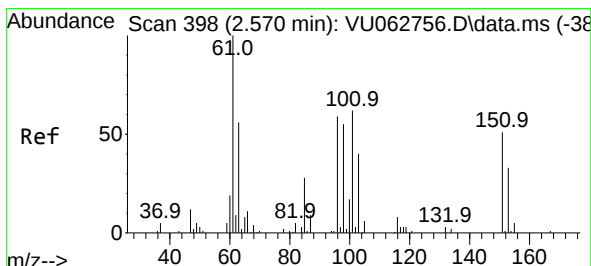
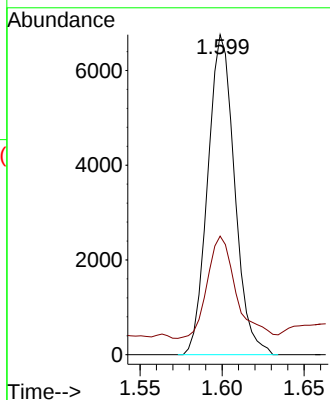
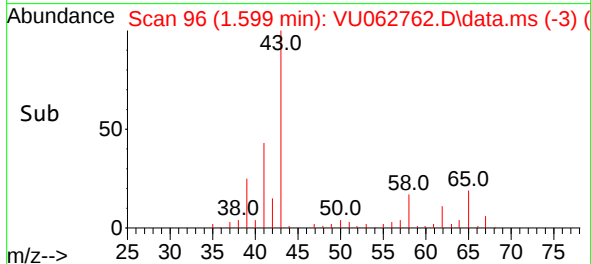


#5
 Vinyl chloride
 Concen: 1.122 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062762.D
 Acq: 15 Jan 2025 13:12

Instrument :
 MSVOA_U
 ClientSampleId :

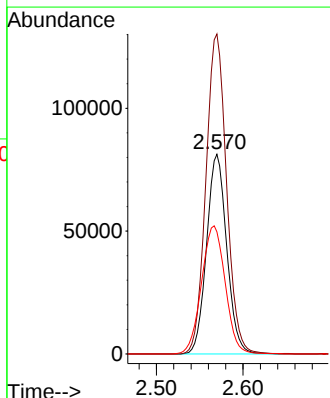
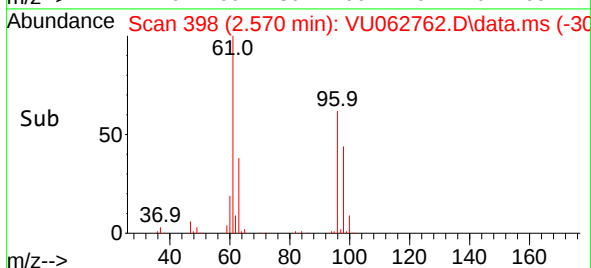
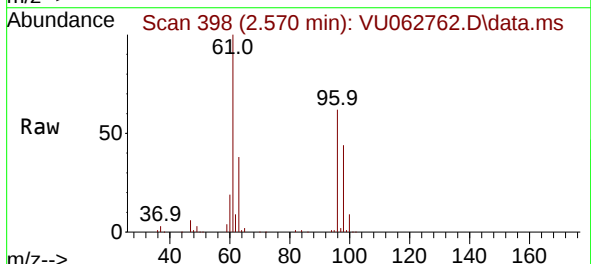


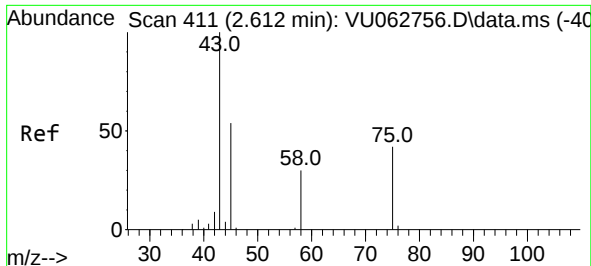
Tgt Ion: 62 Resp: 7678
 Ion Ratio Lower Upper
 62 100
 64 37.0 23.4 43.4



#12
 1,1-Dichloroethene
 Concen: 22.306 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU062762.D
 Acq: 15 Jan 2025 13:12

Tgt Ion: 96 Resp: 131593
 Ion Ratio Lower Upper
 96 100
 61 160.2 120.4 223.6
 63 61.1 82.3 152.9





#13

Acetone

Concen: 57.348 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU062762.D

Acq: 15 Jan 2025 13:12

Instrument :

MSVOA_U

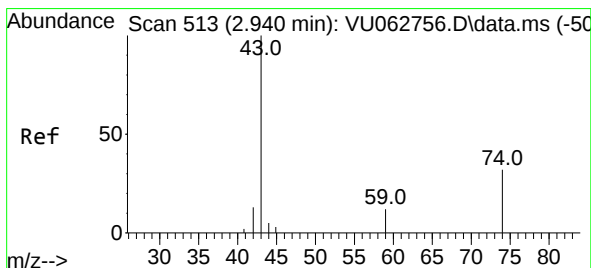
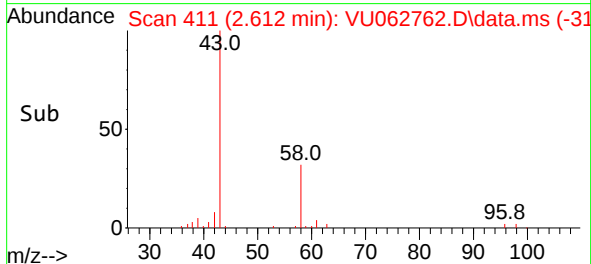
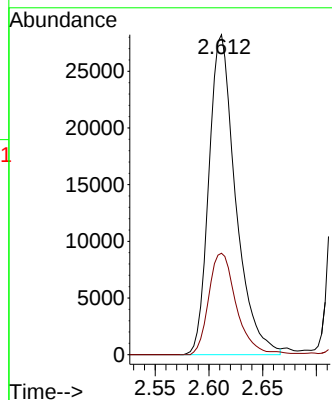
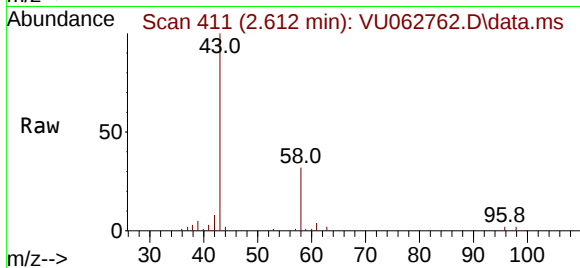
ClientSampleId :

Tgt Ion: 43 Resp: 48869

Ion Ratio Lower Upper

43 100

58 32.7 0.0 64.4



#15

Methyl Acetate

Concen: 143.663 ug/L

RT: 2.737 min Scan# 450

Delta R.T. -0.203 min

Lab File: VU062762.D

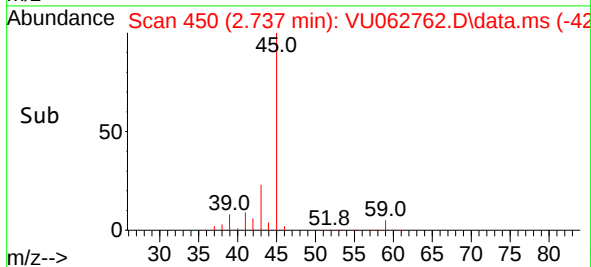
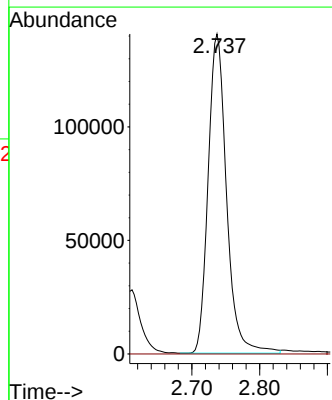
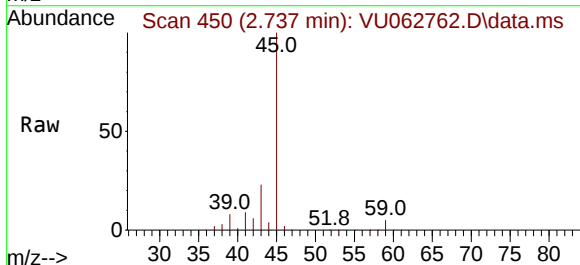
Acq: 15 Jan 2025 13:12

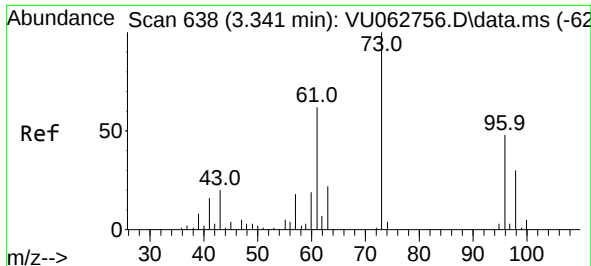
Tgt Ion: 43 Resp: 265072

Ion Ratio Lower Upper

43 100

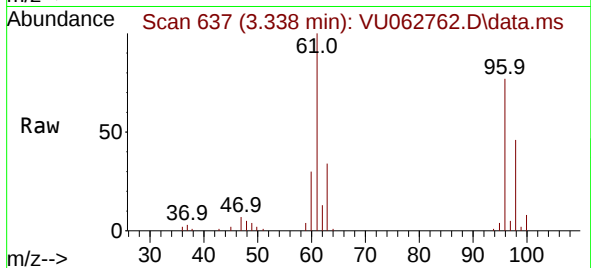
74 0.0 24.4 36.6#



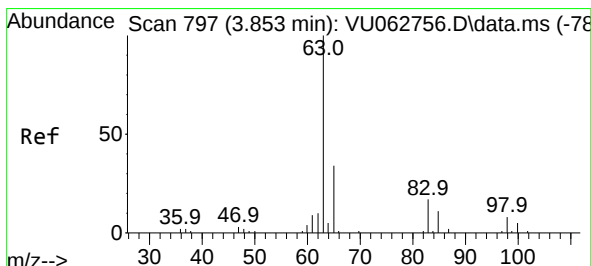
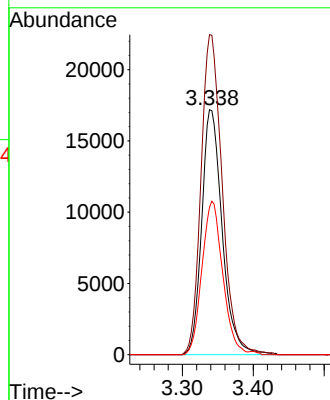
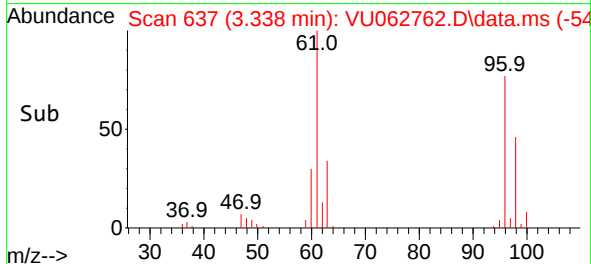


#18
trans-1,2-Dichloroethene
Concen: 5.466 ug/L
RT: 3.338 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU062762.D
Acq: 15 Jan 2025 13:12

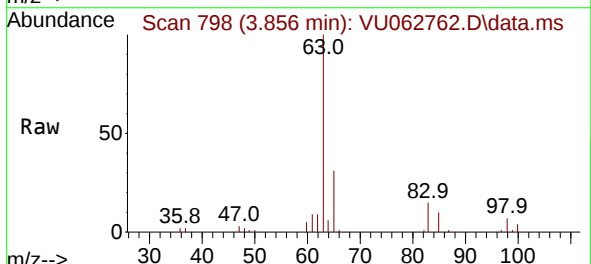
Instrument :
MSVOA_U
ClientSampleId :



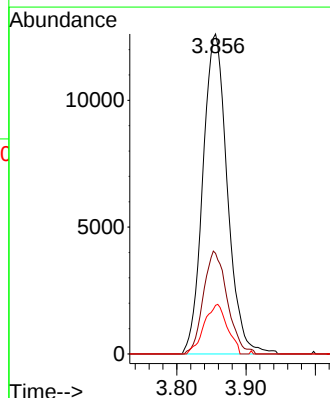
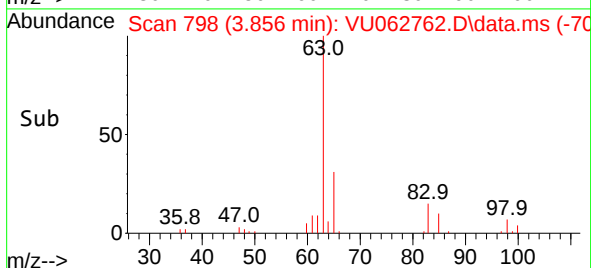
Tgt Ion: 96 Resp: 34546
Ion Ratio Lower Upper
96 100
61 130.6 94.4 175.2
98 60.1 42.8 79.4

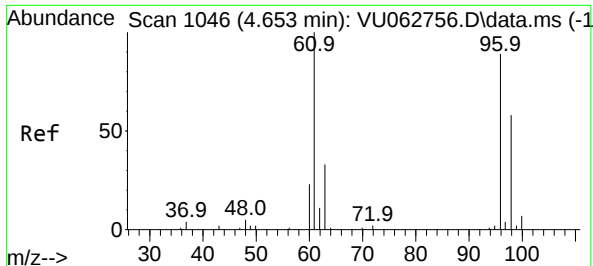


#19
1,1-Dichloroethane
Concen: 2.736 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU062762.D
Acq: 15 Jan 2025 13:12



Tgt Ion: 63 Resp: 30915
Ion Ratio Lower Upper
63 100
65 31.5 20.7 38.5
83 15.2 10.5 19.5





#22

cis-1,2-Dichloroethene

Concen: 263.415 ug/L

RT: 4.647 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VU062762.D

Acq: 15 Jan 2025 13:12

Instrument :

MSVOA_U

ClientSampleId :

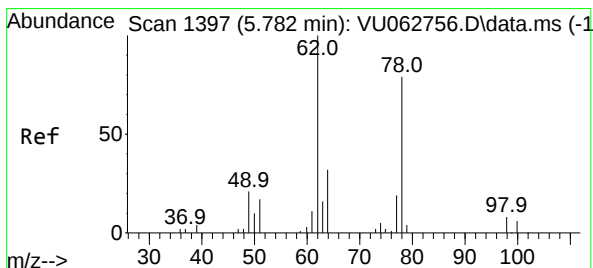
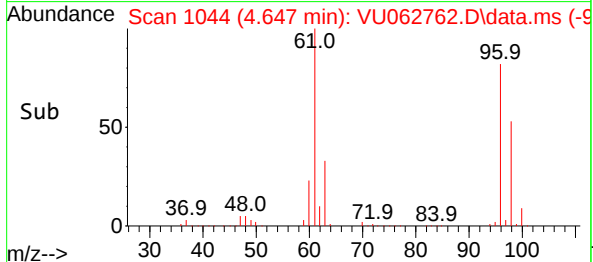
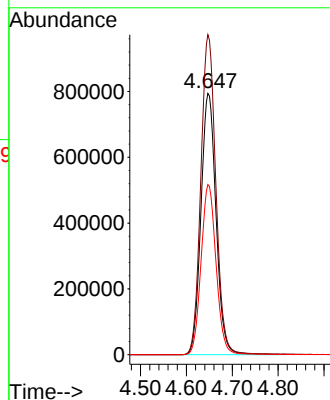
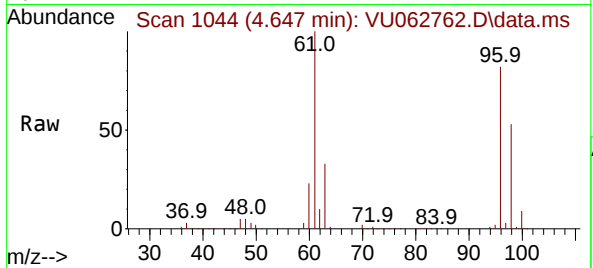
Tgt Ion: 96 Resp: 1813046

Ion Ratio Lower Upper

96 100

61 122.5 84.8 157.6

98 65.1 43.1 80.1



#27

1,2-Dichloroethane

Concen: 0.247 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VU062762.D

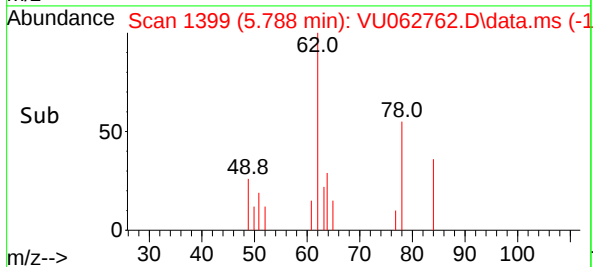
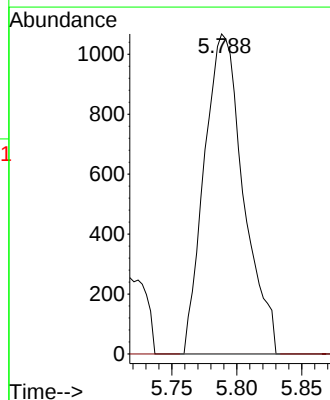
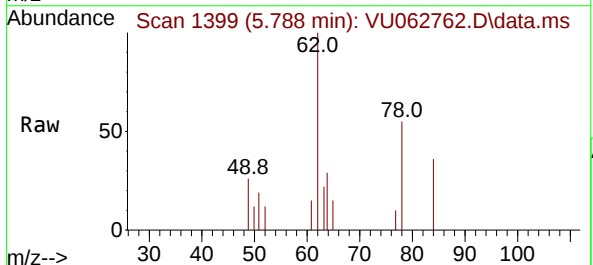
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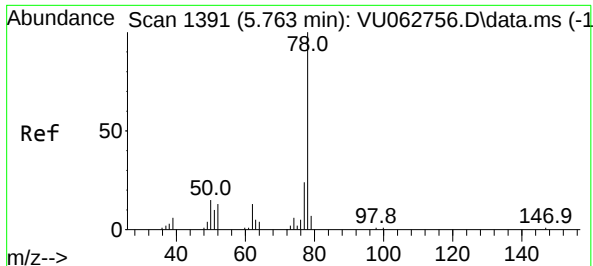
Tgt Ion: 62 Resp: 2246

Ion Ratio Lower Upper

62 100

98 0.0 5.8 8.6#

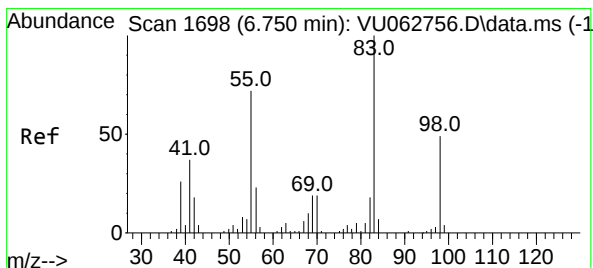
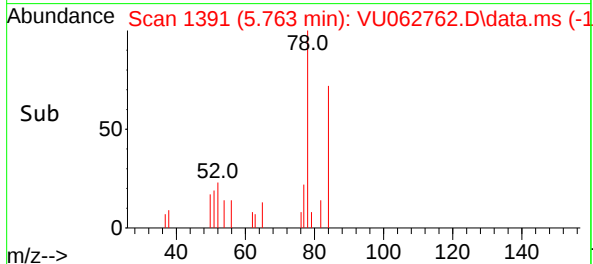
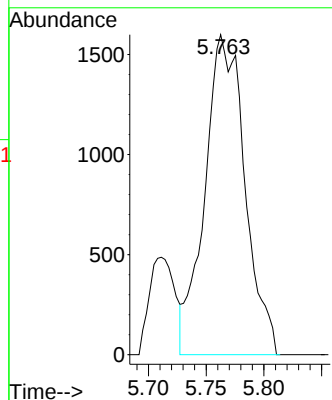
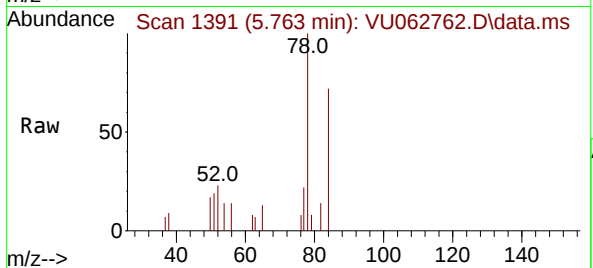




#33
Benzene
Concen: 0.151 ug/L
RT: 5.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062762.D
Acq: 15 Jan 2025 13:12

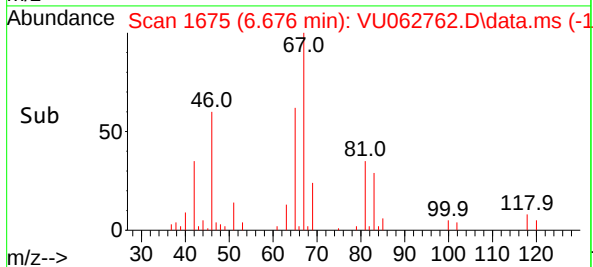
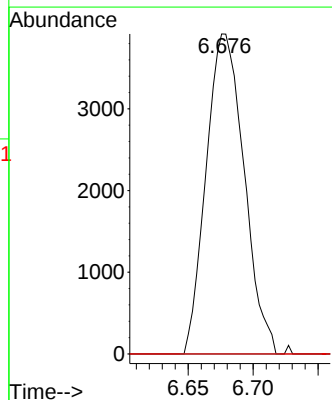
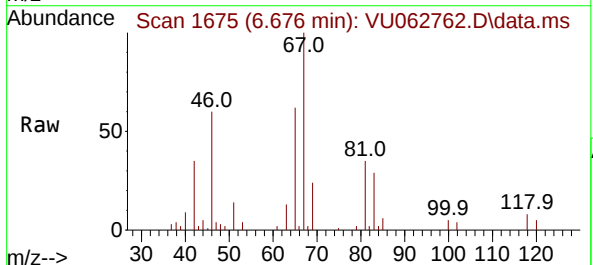
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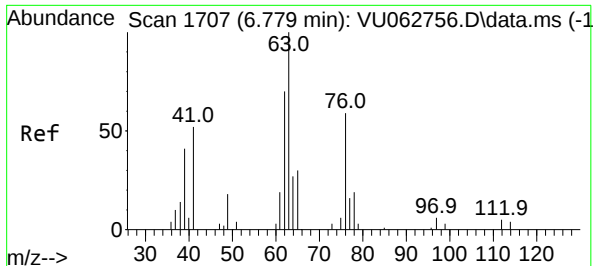
Tgt Ion: 78 Resp: 3851



#35
Methylcyclohexane
Concen: 0.744 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.074 min
Lab File: VU062762.D
Acq: 15 Jan 2025 13:12

Tgt Ion: 83 Resp: 7950
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.0 36.6 55.0#

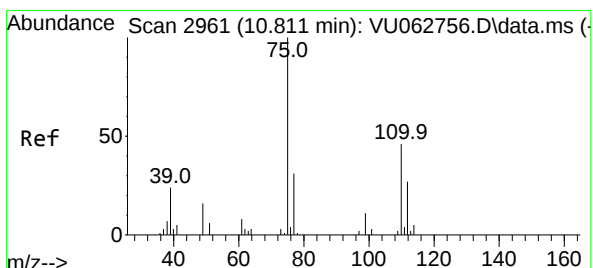
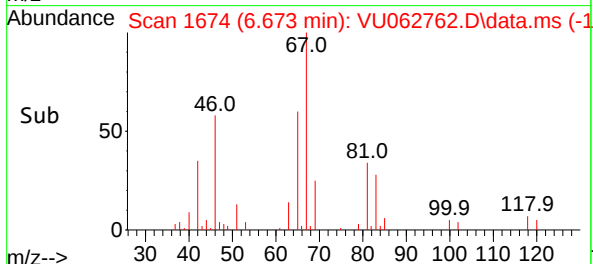
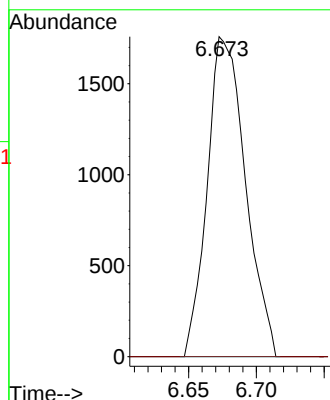
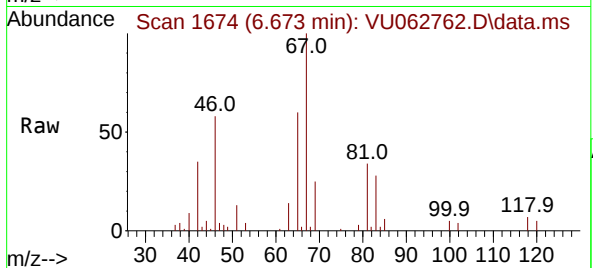




#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.673 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU062762.D
Acq: 15 Jan 2025 13:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3451
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 1.058 ug/L
RT: 11.801 min Scan# 3269
Delta R.T. 0.990 min
Lab File: VU062762.D
Acq: 15 Jan 2025 13:12

Tgt Ion: 75 Resp: 3979
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 38.8 25.9 38.9

