

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062734.D
 Acq On : 14 Jan 2025 11:20
 Operator : MD/SY
 Sample : Q1058-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 00:32:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

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

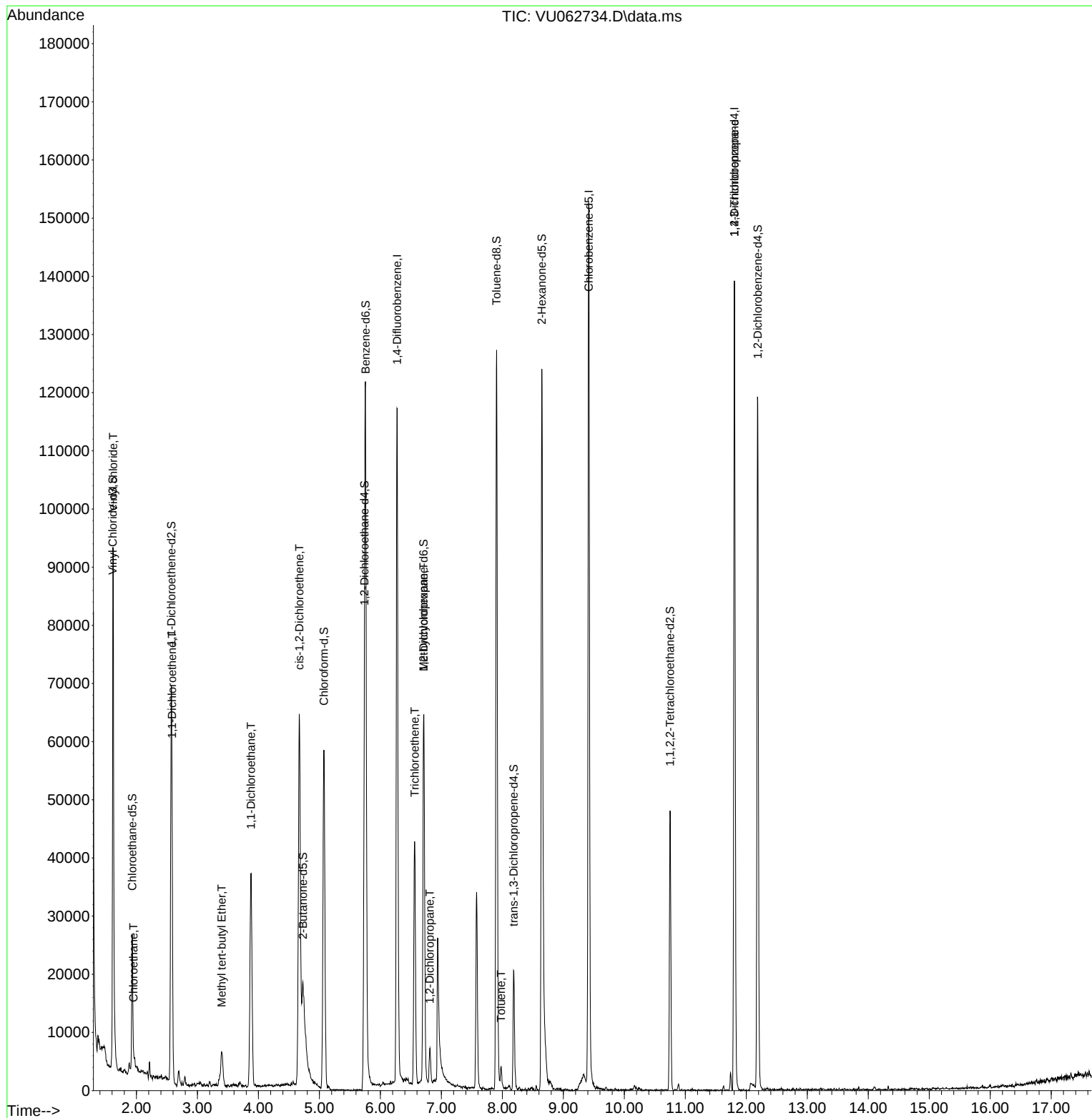
Internal Standards						
1) 1,4-Difluorobenzene	6.274	114	92449	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.415	117	83251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38723	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.612	65	17579	3.433	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.930	69	15889	3.858	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.570	65	9716	3.663	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.731	46	45647	43.620	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.240%
24) Chloroform-d	5.075	84	57437	4.559	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.737	65	32922	4.818	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.756	84	95629	4.699	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.708	67	28267	5.010	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.904	98	88616	4.470	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.184	79	11989	4.263	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.647	63	47495	53.693	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22741	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	31768	4.931	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.618	62	54330	8.164	ug/L	99
8) Chloroethane	1.949	64	1156	0.289	ug/L #	66
12) 1,1-Dichloroethene	2.583	96	10007	1.744	ug/L #	67
17) Methyl tert-butyl Ether	3.396	73	7113	0.451	ug/L #	86
19) 1,1-Dichloroethane	3.875	63	39859	3.626	ug/L	96
22) cis-1,2-Dichloroethene	4.669	96	31622	4.723	ug/L	96
34) Trichloroethene	6.560	95	13925	1.704	ug/L	94
35) Methylcyclohexane	6.708	83	7937	0.789	ug/L #	22
37) 1,2-Dichloropropane	6.811	63	2273	0.403	ug/L #	85
42) Toluene	7.978	91	2590	0.099	ug/L	98
61) 1,2,3-Trichloropropane	11.804	75	3694	1.075	ug/L #	56

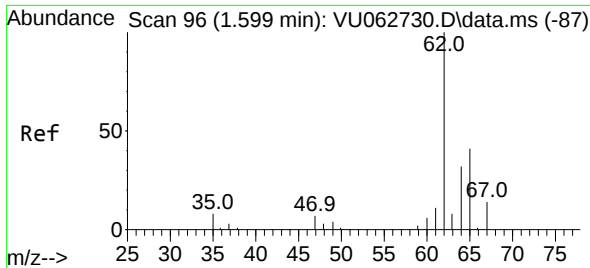
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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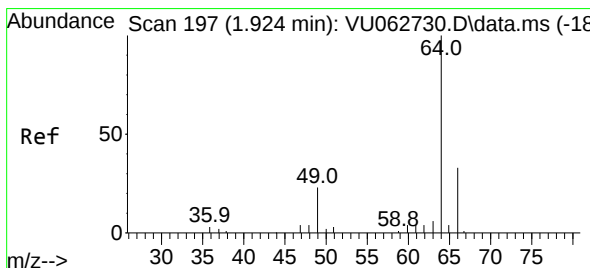
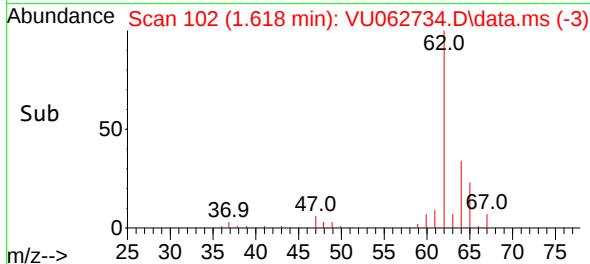
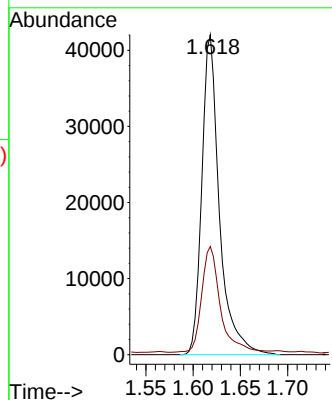
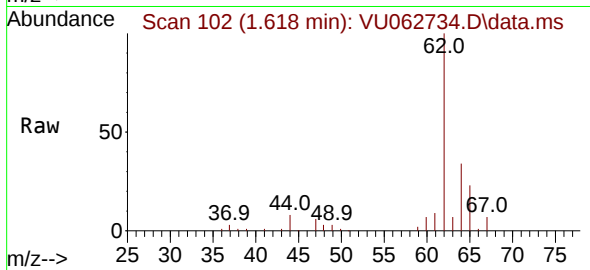




#5
 Vinyl chloride
 Concen: 8.164 ug/L
 RT: 1.618 min Scan# 102
 Delta R.T. 0.019 min
 Lab File: VU062734.D
 Acq: 14 Jan 2025 11:20

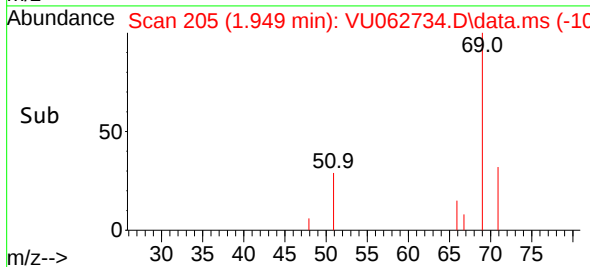
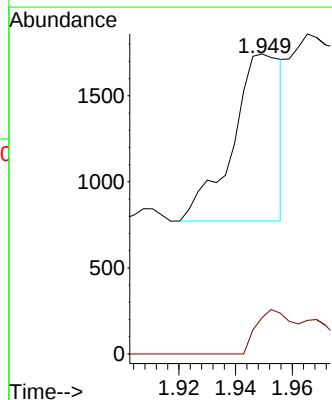
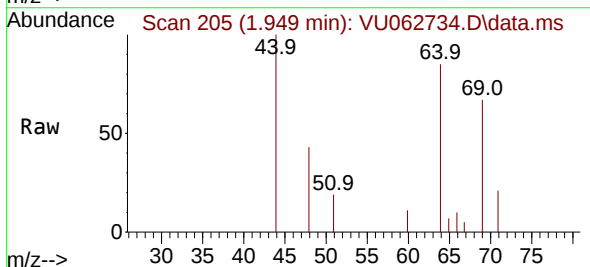
Instrument :
 MSVOA_U
 ClientSampleId :

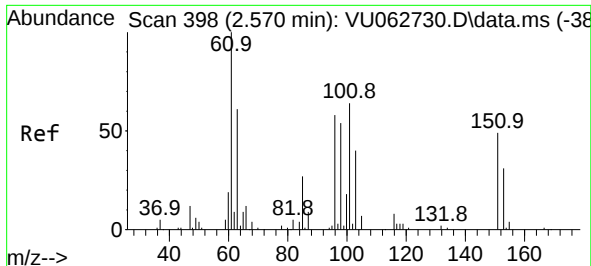
Tgt Ion: 62 Resp: 54330
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.4 43.4



#8
 Chloroethane
 Concen: 0.289 ug/L
 RT: 1.949 min Scan# 205
 Delta R.T. 0.026 min
 Lab File: VU062734.D
 Acq: 14 Jan 2025 11:20

Tgt Ion: 64 Resp: 1156
 Ion Ratio Lower Upper
 64 100
 66 12.0 21.6 40.2#

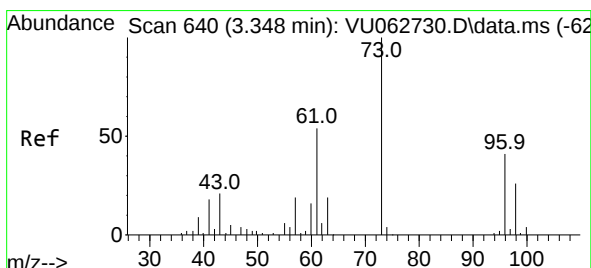
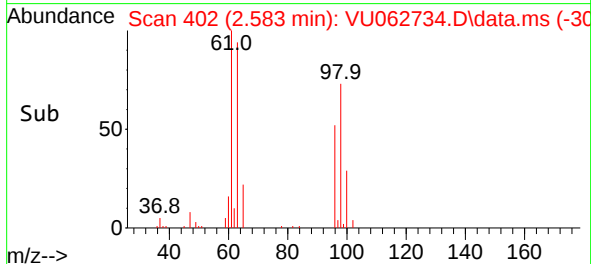
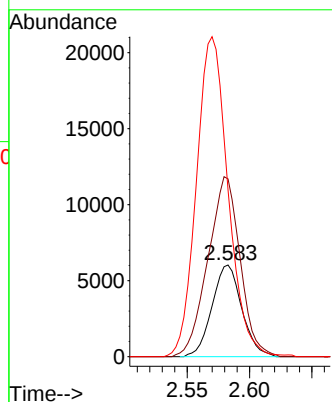
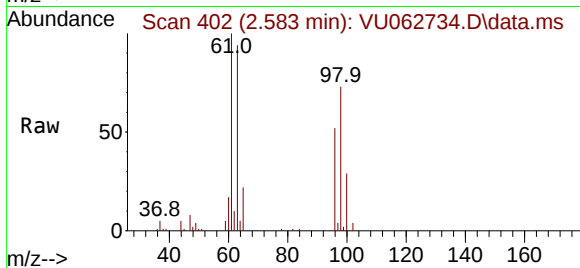




#12
 1,1-Dichloroethene
 Concen: 1.744 ug/L
 RT: 2.583 min Scan# 402
 Delta R.T. 0.013 min
 Lab File: VU062734.D
 Acq: 14 Jan 2025 11:20

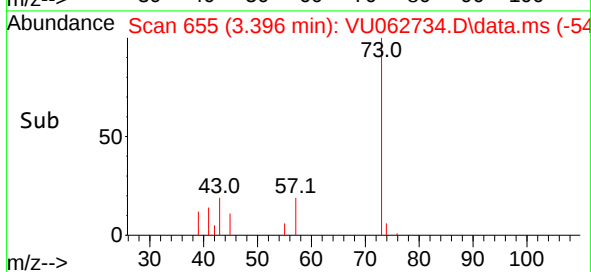
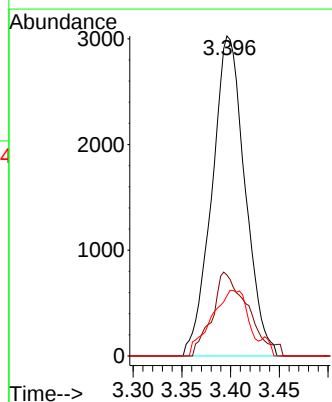
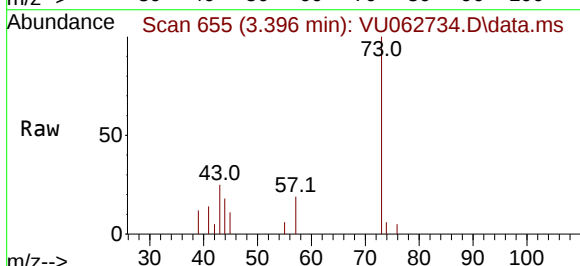
Instrument :
 MSVOA_U
 ClientSampleId :

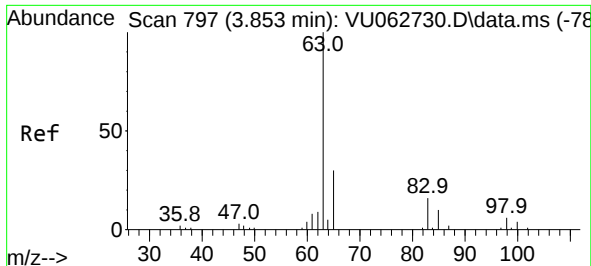
Tgt Ion: 96 Resp: 10007
 Ion Ratio Lower Upper
 96 100
 61 193.8 120.4 223.6
 63 181.9 82.3 152.9#



#17
 Methyl tert-butyl Ether
 Concen: 0.451 ug/L
 RT: 3.396 min Scan# 655
 Delta R.T. 0.048 min
 Lab File: VU062734.D
 Acq: 14 Jan 2025 11:20

Tgt Ion: 73 Resp: 7113
 Ion Ratio Lower Upper
 73 100
 43 28.5 16.2 24.4#
 57 22.6 14.6 22.0#





#19

1,1-Dichloroethane

Concen: 3.626 ug/L

RT: 3.875 min Scan# 80

Delta R.T. 0.022 min

Lab File: VU062734.D

Acq: 14 Jan 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

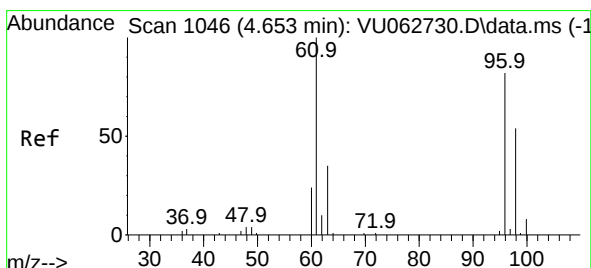
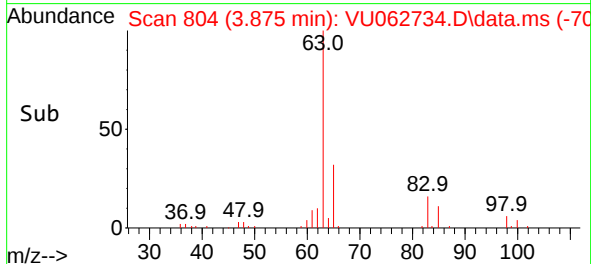
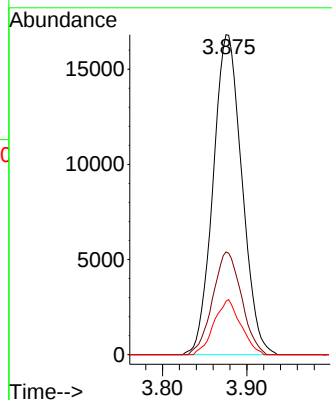
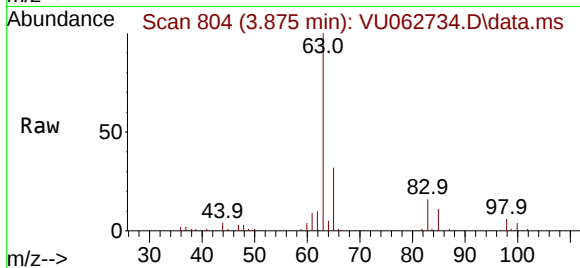
Tgt Ion: 63 Resp: 39859

Ion Ratio Lower Upper

63 100

65 32.1 20.7 38.5

83 16.7 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 4.723 ug/L

RT: 4.669 min Scan# 1051

Delta R.T. 0.016 min

Lab File: VU062734.D

Acq: 14 Jan 2025 11:20

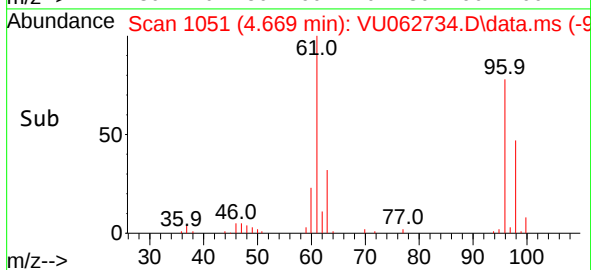
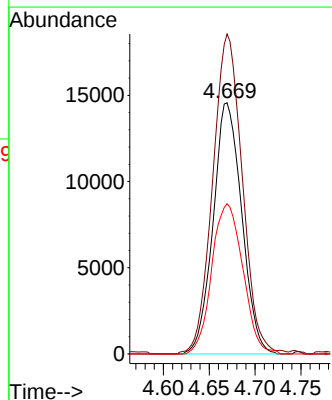
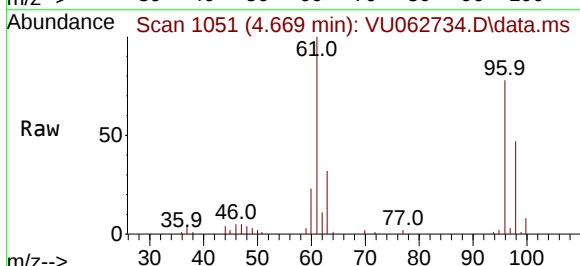
Tgt Ion: 96 Resp: 31622

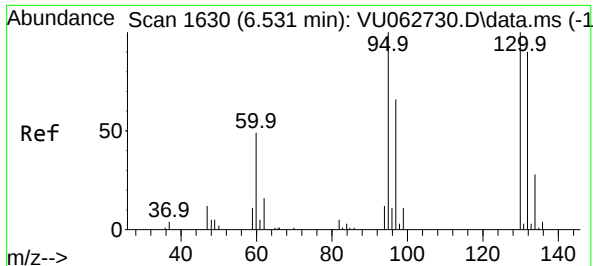
Ion Ratio Lower Upper

96 100

61 127.4 84.8 157.6

98 59.9 43.1 80.1

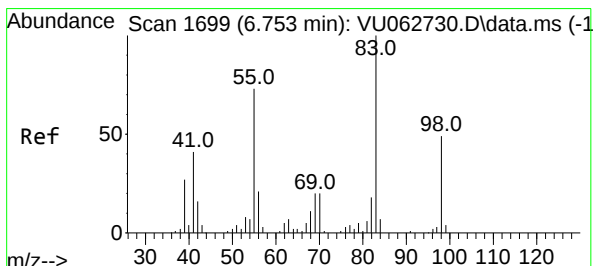
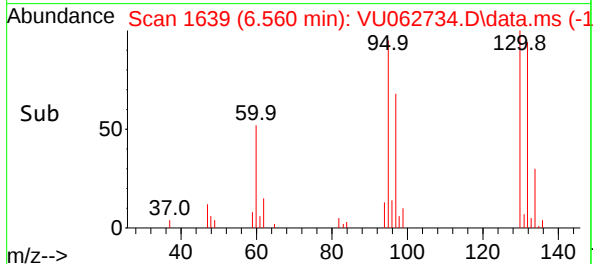
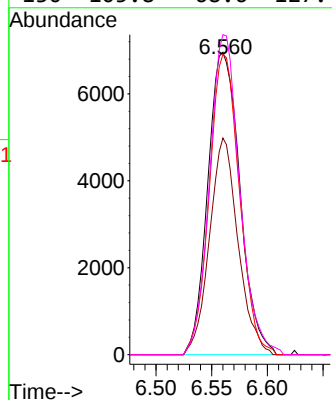
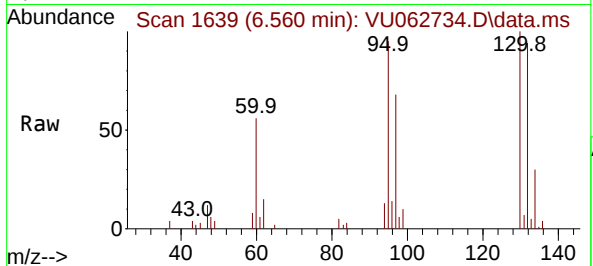




#34
Trichloroethene
Concen: 1.704 ug/L
RT: 6.560 min Scan# 1639
Delta R.T. 0.029 min
Lab File: VU062734.D
Acq: 14 Jan 2025 11:20

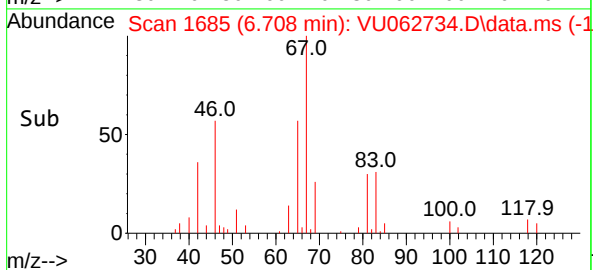
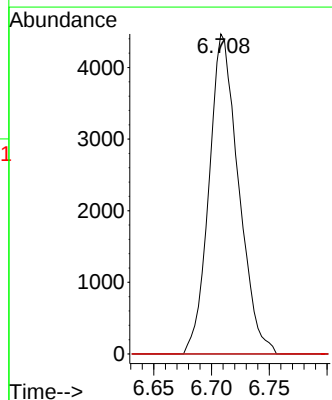
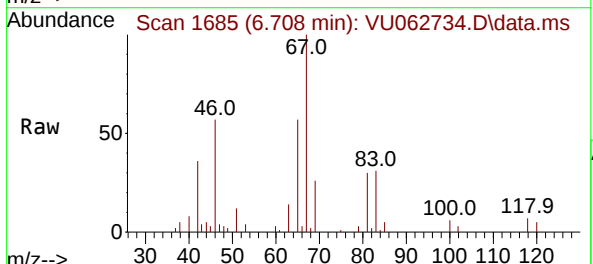
Instrument :
MSVOA_U
ClientSampleId :

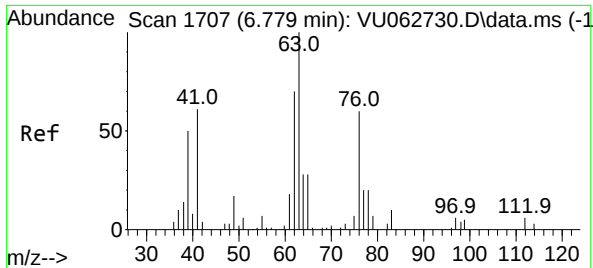
Tgt Ion:	95	Resp:	13925
Ion	Ratio	Lower	Upper
95	100		
97	71.6	47.5	88.3
132	99.3	66.9	124.3
130	105.8	68.6	127.4



#35
Methylcyclohexane
Concen: 0.789 ug/L
RT: 6.708 min Scan# 1685
Delta R.T. -0.045 min
Lab File: VU062734.D
Acq: 14 Jan 2025 11:20

Tgt Ion:	83	Resp:	7937
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	3.1	36.6	55.0#

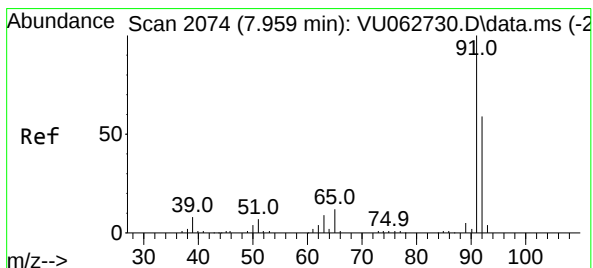
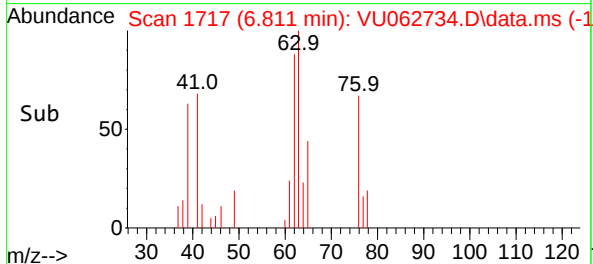
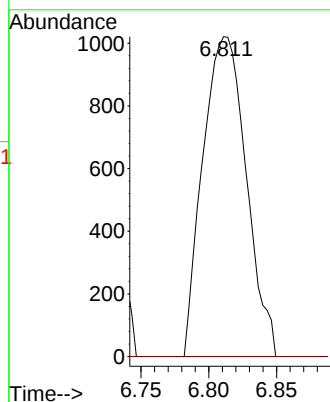
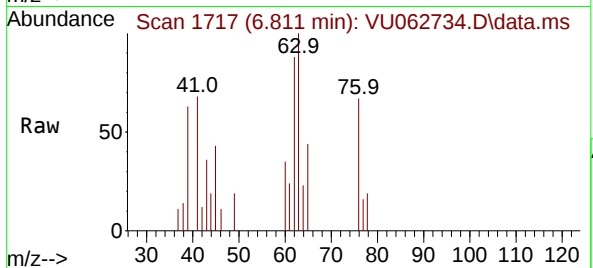




#37
1,2-Dichloropropane
Concen: 0.403 ug/L
RT: 6.811 min Scan# 11
Delta R.T. 0.032 min
Lab File: VU062734.D
Acq: 14 Jan 2025 11:20

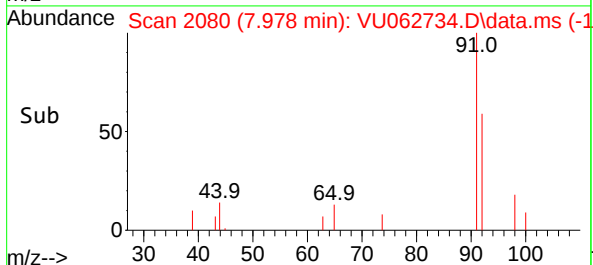
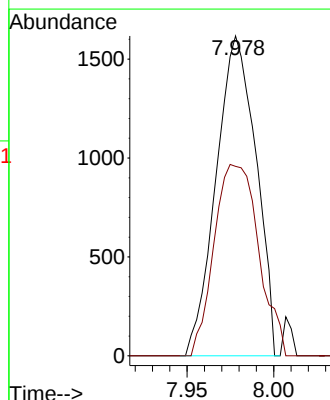
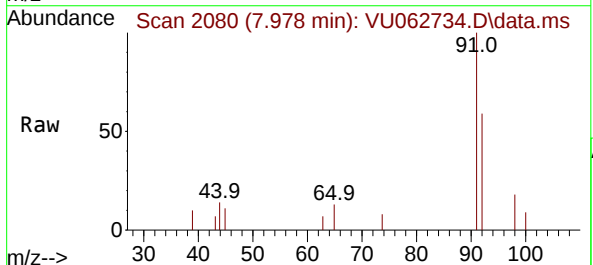
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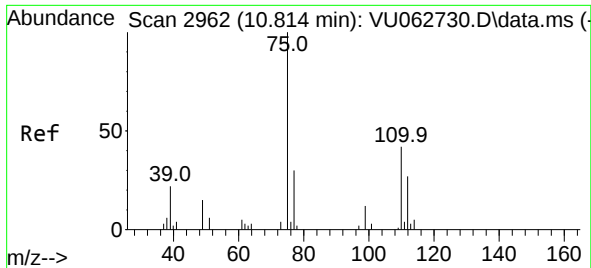
Tgt Ion: 63 Resp: 2273
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#42
Toluene
Concen: 0.099 ug/L
RT: 7.978 min Scan# 2080
Delta R.T. 0.019 min
Lab File: VU062734.D
Acq: 14 Jan 2025 11:20

Tgt Ion: 91 Resp: 2590
Ion Ratio Lower Upper
91 100
92 59.2 40.4 75.0





#61

1,2,3-Trichloropropane

Concen: 1.075 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.990 min

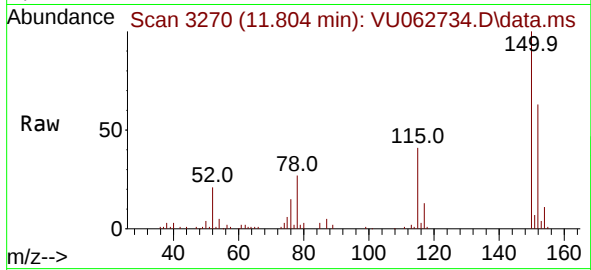
Lab File: VU062734.D

Acq: 14 Jan 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 3694

Ion Ratio Lower Upper

75 100

110 0.5 33.2 49.8#

77 42.1 25.9 38.9#

