

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062718.D
 Acq On : 13 Jan 2025 15:34
 Operator : MD/SY
 Sample : Q1059-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 19:03:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 13 18:58:58 2025
 Response via : Initial Calibration

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

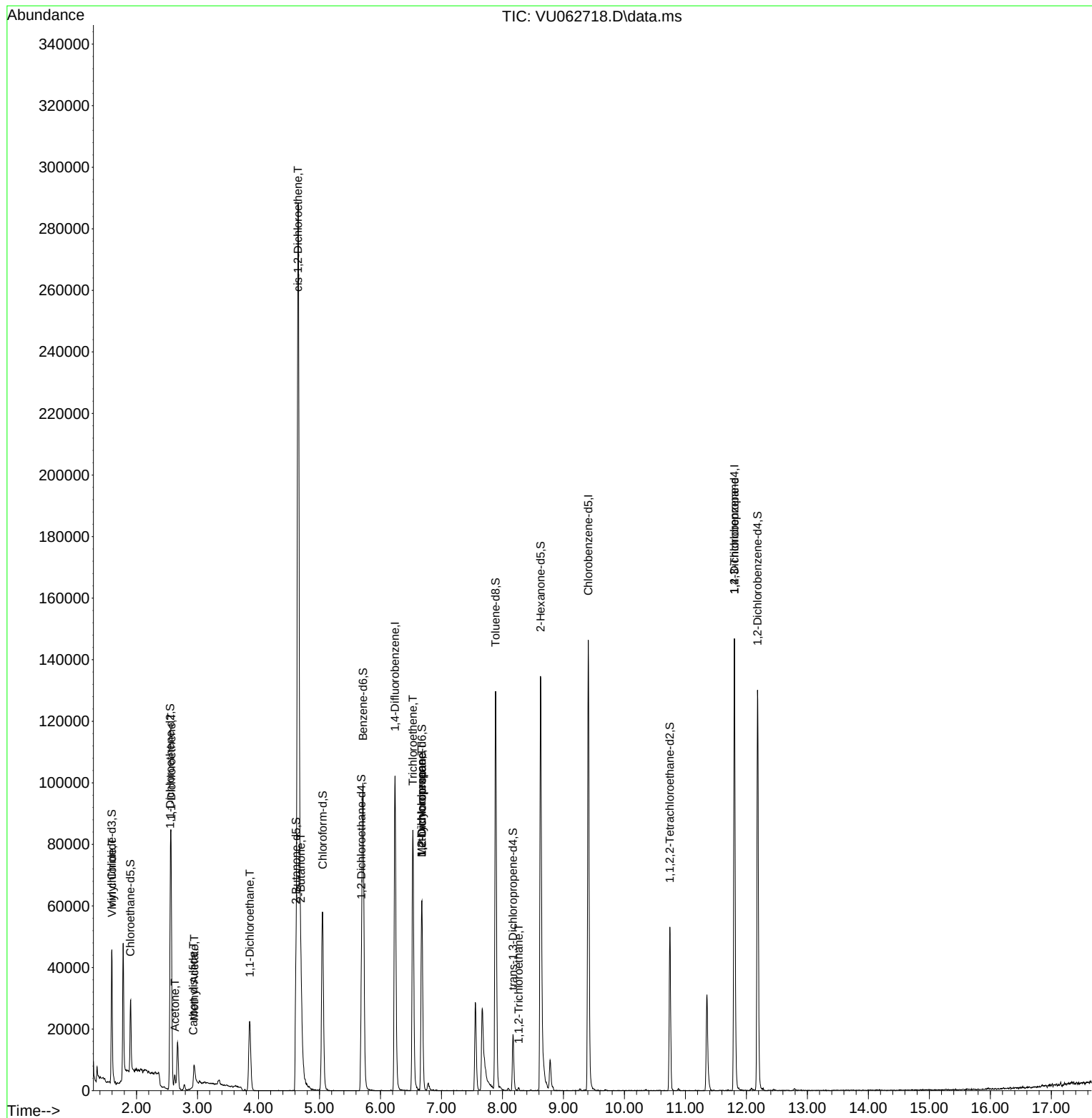
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	86791	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41295	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18352	3.818	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.901	69	17042	4.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.554	65	10671	4.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.615	46	55658	56.654	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.300%
24) Chloroform-d	5.052	84	56328	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.689	65	33102	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.714	84	94026	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.679	67	27620	5.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.888	98	90702	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.174	79	11554	4.200	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.624	63	46144	53.336	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23635	5.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	36578	5.324	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	14705	2.354	ug/L	99
12) 1,1-Dichloroethene	2.570	96	16189	3.005	ug/L	93
13) Acetone	2.631	43	6329	8.132	ug/L	98
14) Carbon disulfide	2.930	76	2161	0.126	ug/L	98
15) Methyl Acetate	2.946	43	9670	5.739	ug/L	94
19) 1,1-Dichloroethane	3.859	63	26015	2.521	ug/L	96
21) 2-Butanone	4.695	43	48366	46.664	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	153062	24.350	ug/L	98
34) Trichloroethene	6.531	95	29884	3.740	ug/L	97
35) Methylcyclohexane	6.676	83	7941	0.808	ug/L #	21
37) 1,2-Dichloropropane	6.676	63	3497	0.634	ug/L #	85
45) 1,1,2-Trichloroethane	8.267	97	393	0.088	ug/L #	14
61) 1,2,3-Trichloropropane	11.804	75	4079	1.114	ug/L #	63

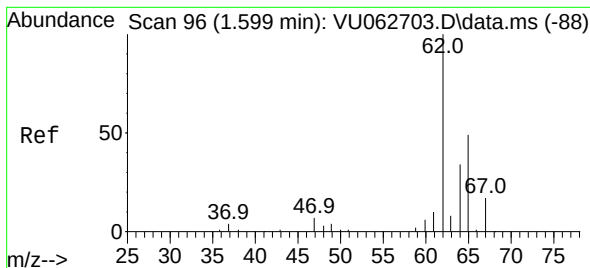
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.354 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU062718.D

Acq: 13 Jan 2025 15:34

Instrument :

MSVOA_U

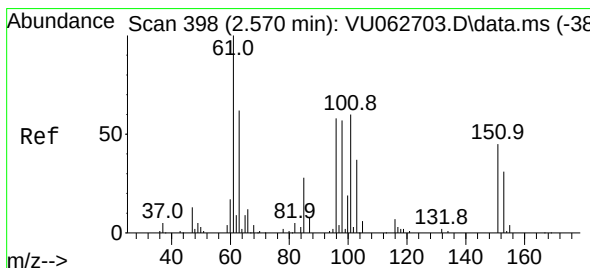
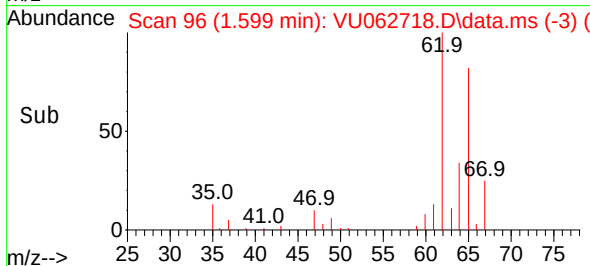
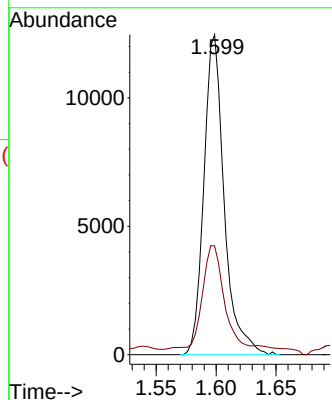
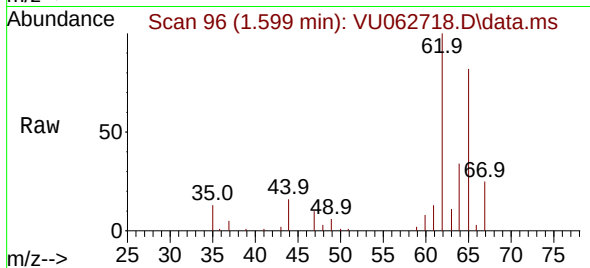
ClientSampleId :

Tgt Ion: 62 Resp: 14705

Ion Ratio Lower Upper

62 100

64 34.0 23.4 43.4



#12

1,1-Dichloroethene

Concen: 3.005 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU062718.D

Acq: 13 Jan 2025 15:34

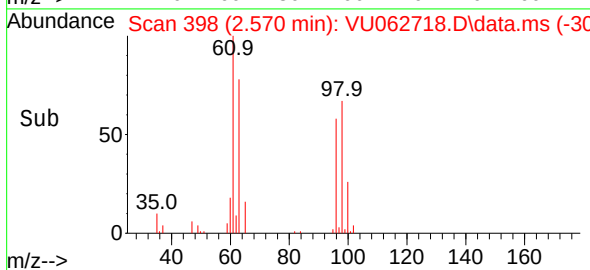
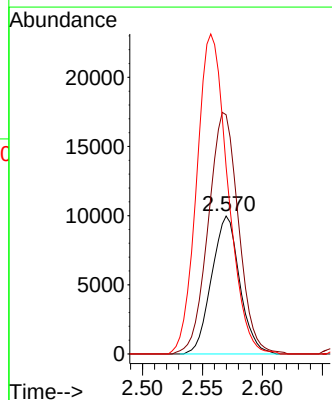
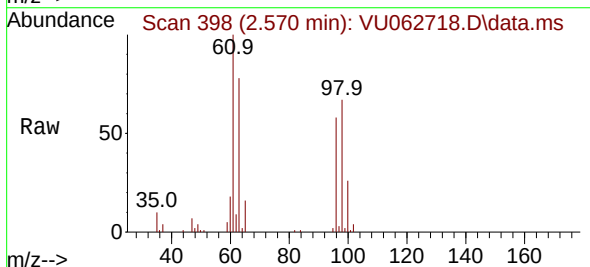
Tgt Ion: 96 Resp: 16189

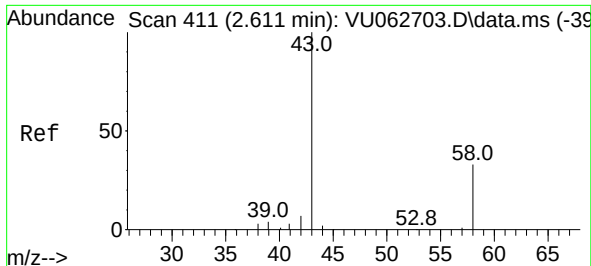
Ion Ratio Lower Upper

96 100

61 173.4 120.4 223.6

63 135.6 82.3 152.9





#13

Acetone

Concen: 8.132 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU062718.D

Acq: 13 Jan 2025 15:34

Instrument :

MSVOA_U

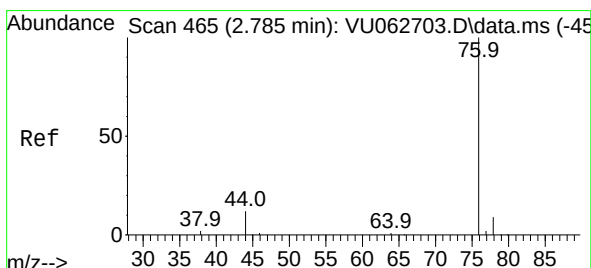
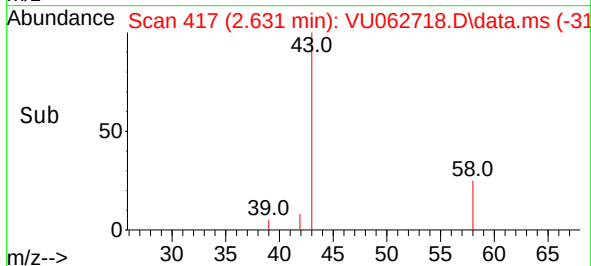
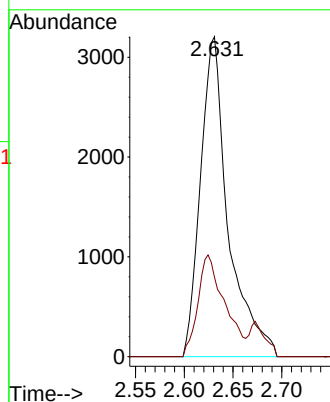
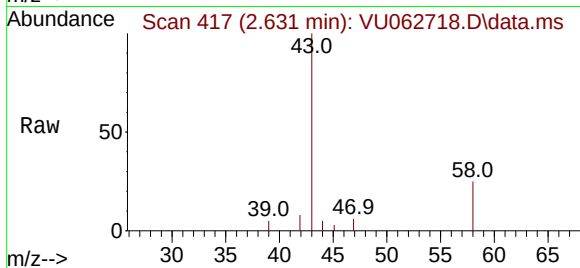
ClientSampleId :

Tgt Ion: 43 Resp: 6329

Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.4



#14

Carbon disulfide

Concen: 0.126 ug/L

RT: 2.930 min Scan# 510

Delta R.T. 0.145 min

Lab File: VU062718.D

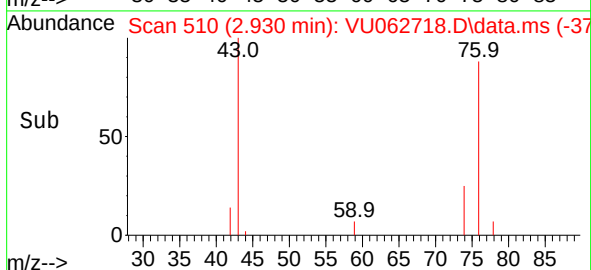
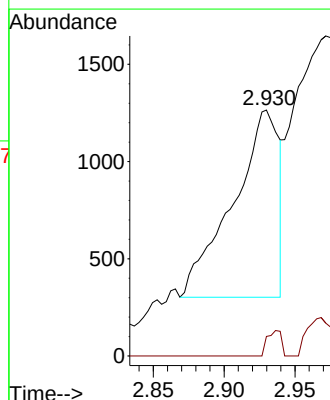
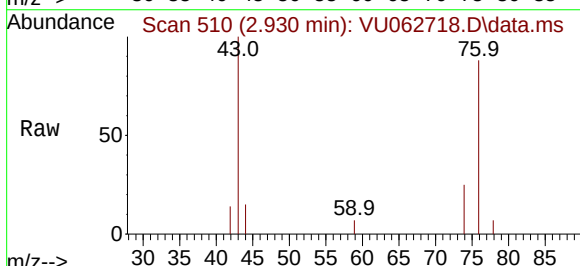
Acq: 13 Jan 2025 15:34

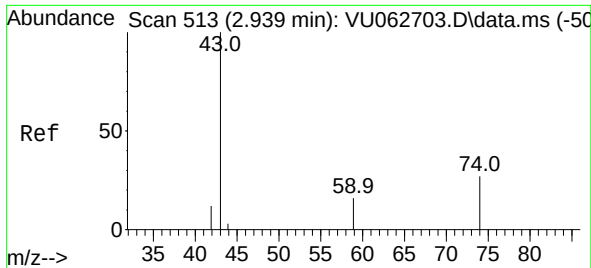
Tgt Ion: 76 Resp: 2161

Ion Ratio Lower Upper

76 100

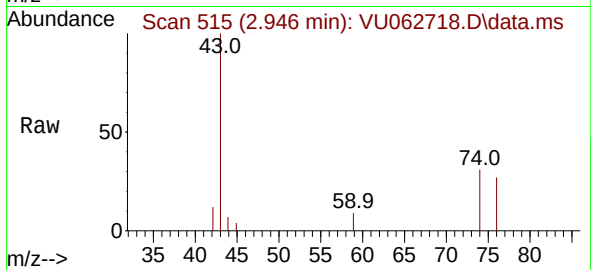
78 8.0 7.0 10.6



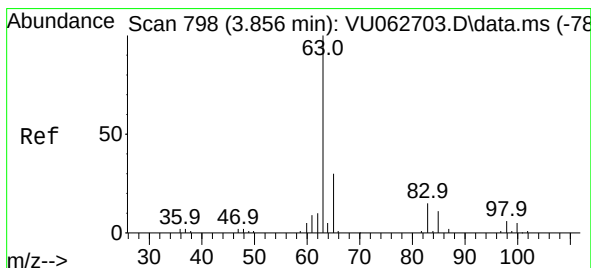
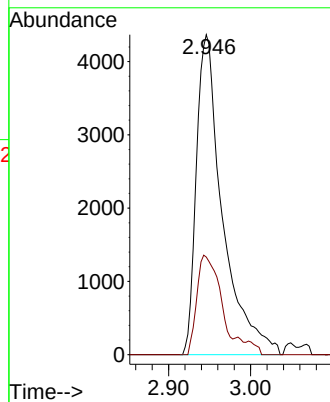
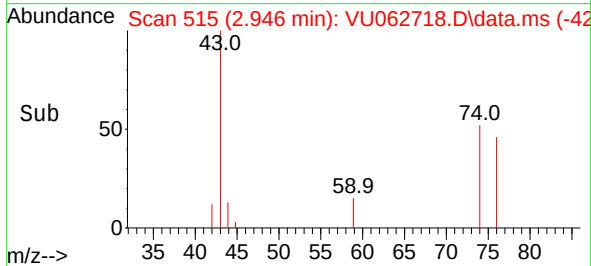


#15
Methyl Acetate
Concen: 5.739 ug/L
RT: 2.946 min Scan# 513
Delta R.T. 0.007 min
Lab File: VU062718.D
Acq: 13 Jan 2025 15:34

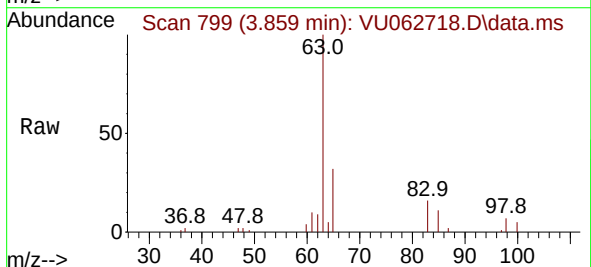
Instrument :
MSVOA_U
ClientSampleId :



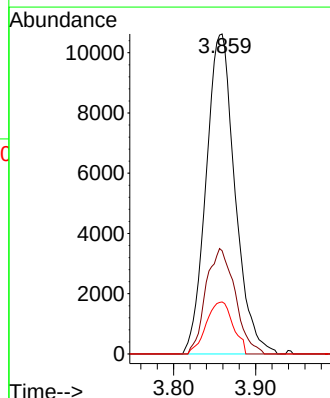
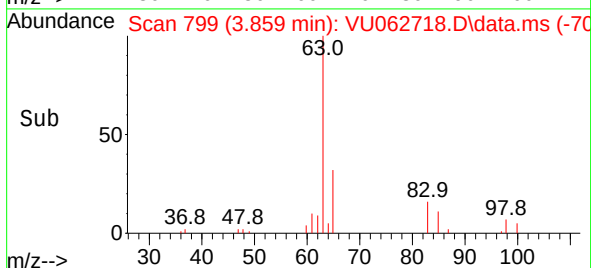
Tgt Ion: 43 Resp: 9670
Ion Ratio Lower Upper
43 100
74 27.4 24.4 36.6

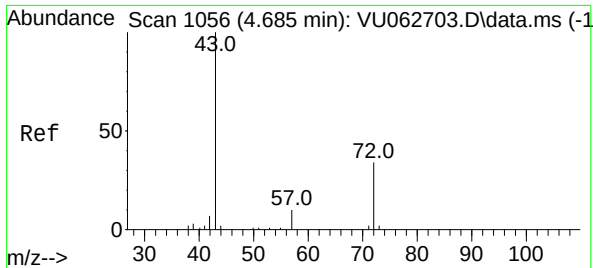


#19
1,1-Dichloroethane
Concen: 2.521 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.003 min
Lab File: VU062718.D
Acq: 13 Jan 2025 15:34



Tgt Ion: 63 Resp: 26015
Ion Ratio Lower Upper
63 100
65 32.3 20.7 38.5
83 16.3 10.5 19.5

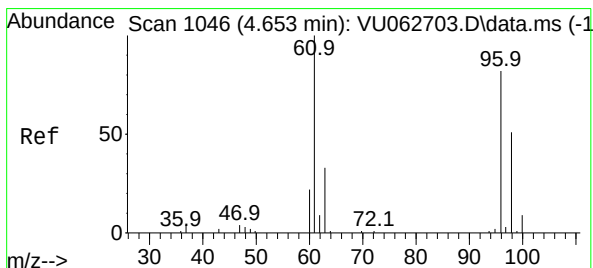
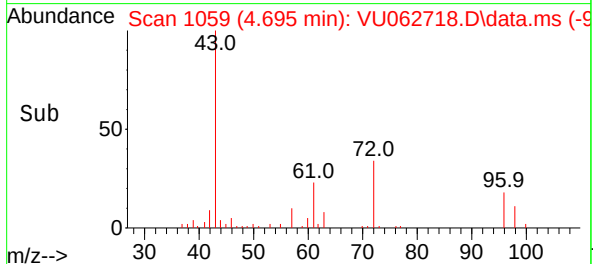
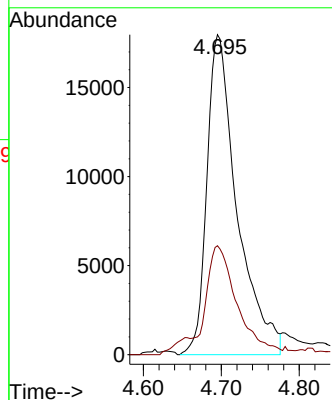
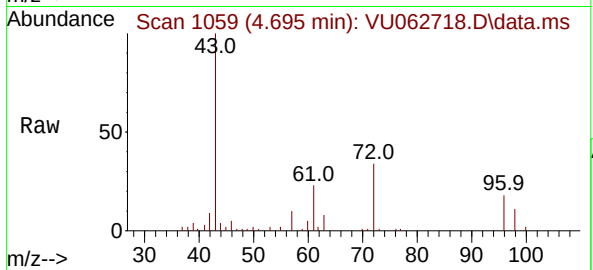




#21
2-Butanone
Concen: 46.664 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. 0.010 min
Lab File: VU062718.D
Acq: 13 Jan 2025 15:34

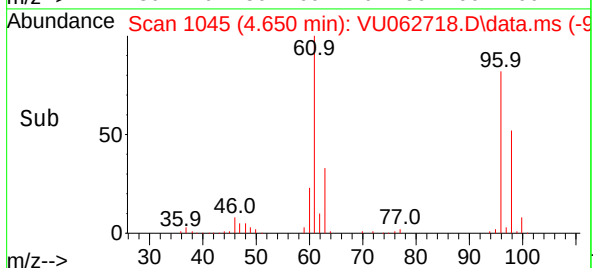
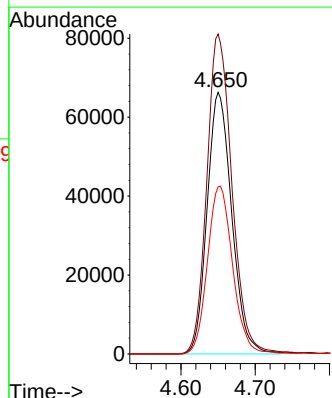
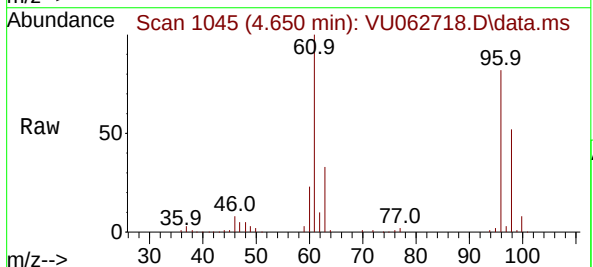
Instrument :
MSVOA_U
ClientSampleId :

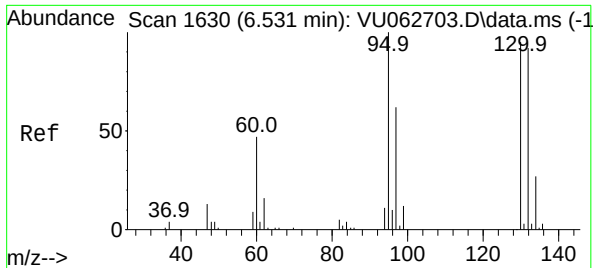
Tgt Ion: 43 Resp: 48366
Ion Ratio Lower Upper
43 100
72 32.3 17.1 51.2



#22
cis-1,2-Dichloroethene
Concen: 24.350 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062718.D
Acq: 13 Jan 2025 15:34

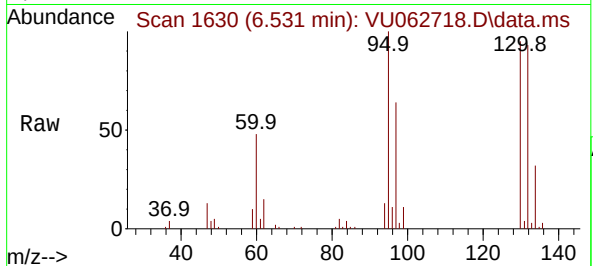
Tgt Ion: 96 Resp: 153062
Ion Ratio Lower Upper
96 100
61 122.3 84.8 157.6
98 63.9 43.1 80.1



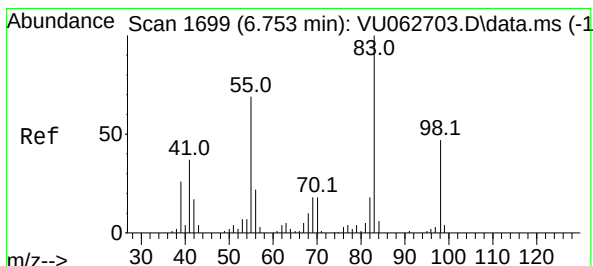
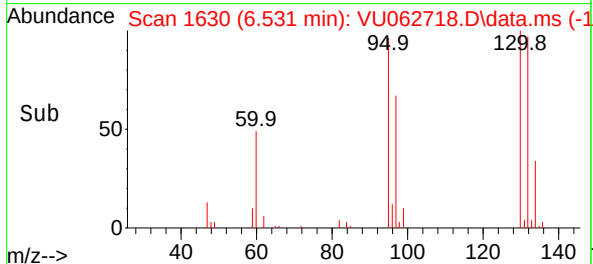
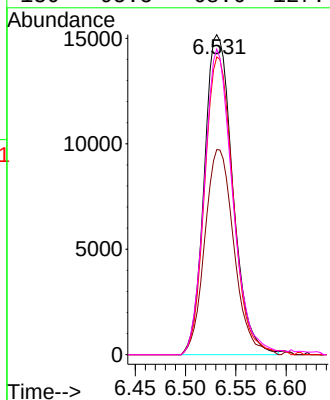


#34
Trichloroethene
Concen: 3.740 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU062718.D
Acq: 13 Jan 2025 15:34

Instrument :
MSVOA_U
ClientSampleId :

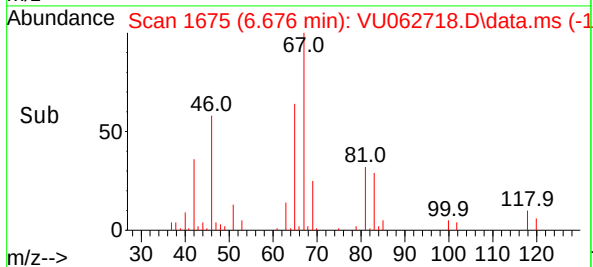
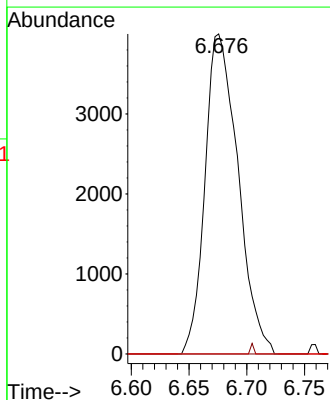
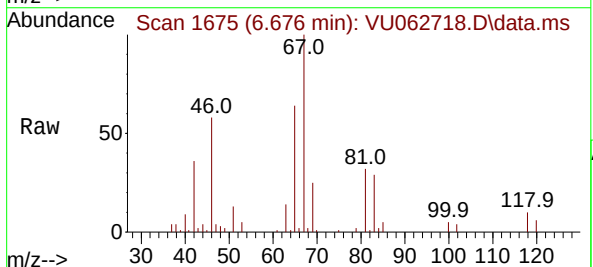


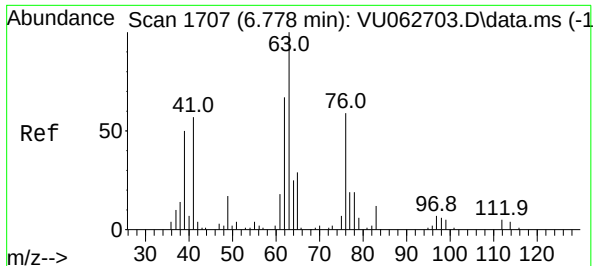
Tgt Ion:	95	Resp:	29884
Ion	Ratio	Lower	Upper
95	100		
97	64.1	47.5	88.3
132	93.1	66.9	124.3
130	95.5	68.6	127.4



#35
Methylcyclohexane
Concen: 0.808 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.077 min
Lab File: VU062718.D
Acq: 13 Jan 2025 15:34

Tgt Ion:	83	Resp:	7941
Ion	Ratio	Lower	Upper
83	100		
55	0.3	57.2	85.8#
98	0.0	36.6	55.0#

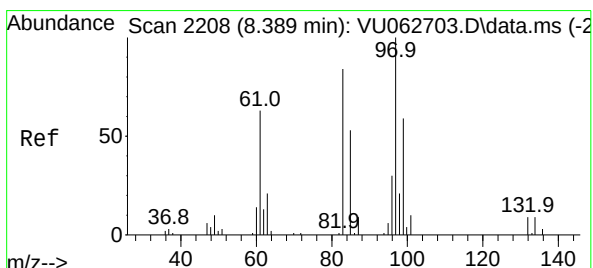
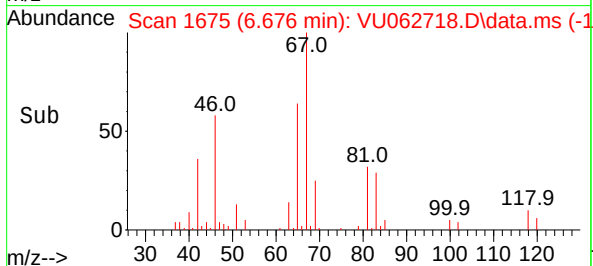
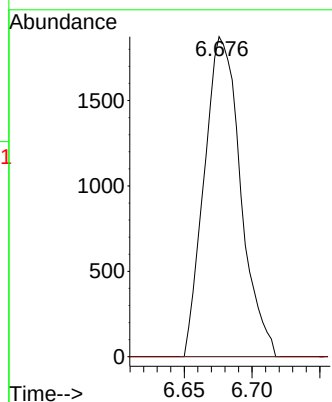
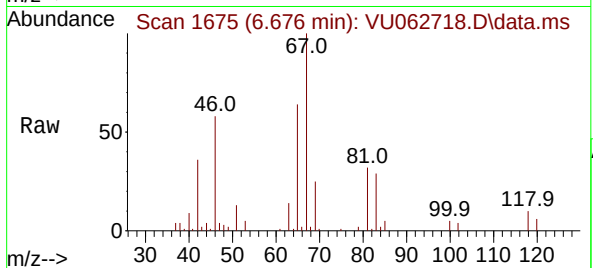




#37
1,2-Dichloropropane
Concen: 0.634 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062718.D
Acq: 13 Jan 2025 15:34

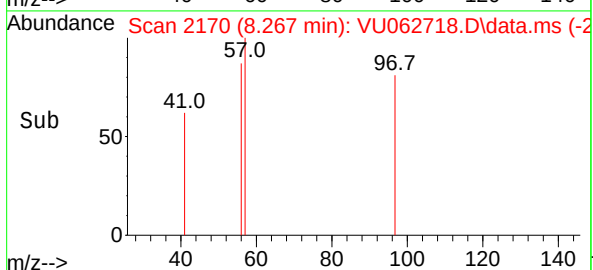
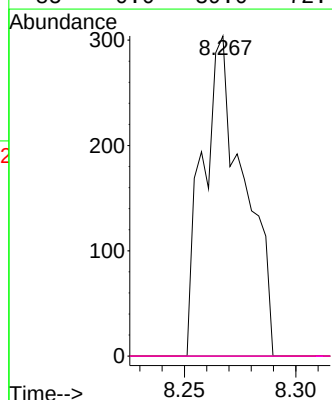
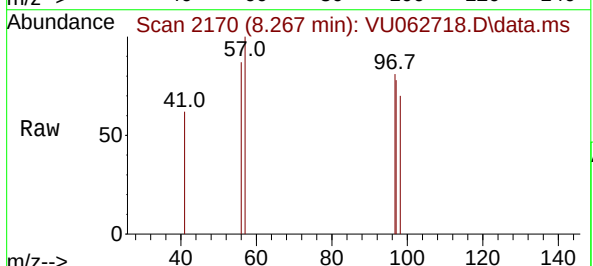
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MSVOA_U
ClientSampleId :

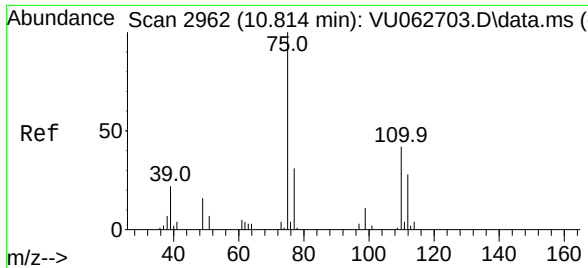
Tgt Ion: 63 Resp: 3497
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#45
1,1,2-Trichloroethane
Concen: 0.088 ug/L
RT: 8.267 min Scan# 2170
Delta R.T. -0.122 min
Lab File: VU062718.D
Acq: 13 Jan 2025 15:34

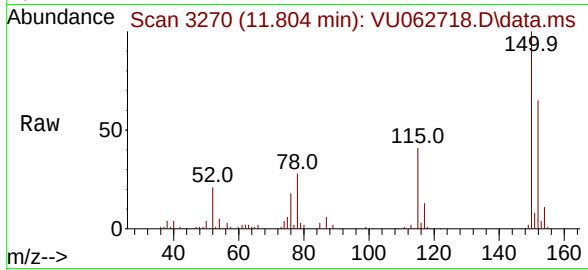
Tgt Ion: 97 Resp: 393
Ion Ratio Lower Upper
97 100
99 0.0 45.6 84.6#
83 0.0 63.0 117.0#
85 0.0 39.0 72.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.114 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062718.D
 Acq: 13 Jan 2025 15:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	4079
Ion	Ratio	Lower	Upper
75	100		
110	1.1	33.2	49.8#
77	33.9	25.9	38.9

