

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062787.D
 Acq On : 16 Jan 2025 00:24
 Operator : MD/SY
 Sample : P1071-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 02:09:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:55:19 2025
 Response via : Initial Calibration

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

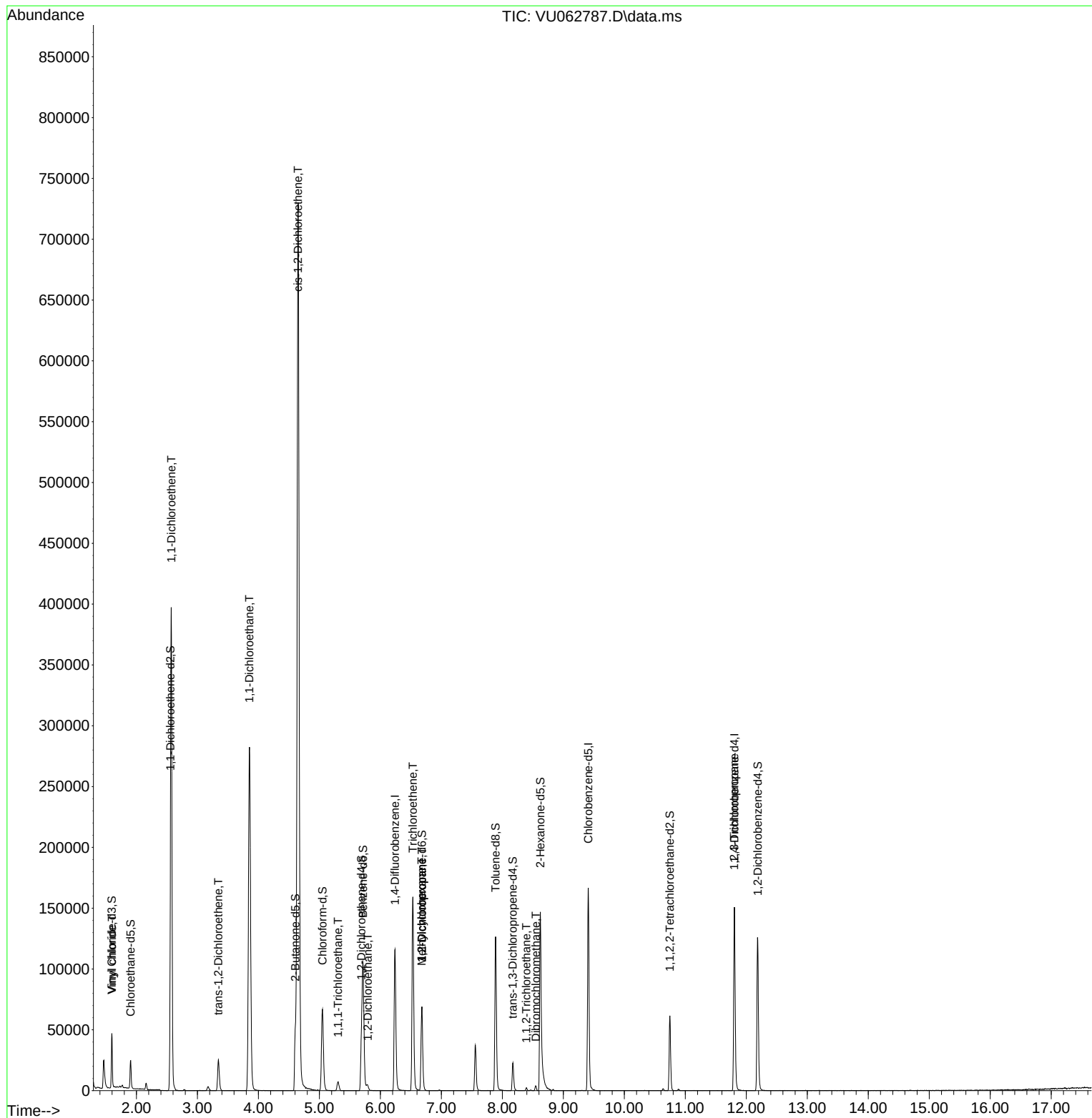
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	97890	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93362	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15995	2.950	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.904	69	16421	3.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.557	65	9762	3.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.605	46	66711	60.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.420%
24) Chloroform-d	5.049	84	61867	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.689	65	38105	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.714	84	98597	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.679	67	29988	4.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.888	98	87976	3.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.171	79	14634	4.640	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.621	63	52915	53.341	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29228	5.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	36940	5.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	2534	0.360	ug/L #	14
12) 1,1-Dichloroethene	2.570	96	127730	21.019	ug/L #	78
18) trans-1,2-Dichloroethene	3.342	96	10920	1.677	ug/L	98
19) 1,1-Dichloroethane	3.853	63	313338	26.918	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	395417	55.772	ug/L	98
27) 1,2-Dichloroethane	5.792	62	4042	0.432	ug/L #	79
29) 1,1,1-Trichloroethane	5.306	97	5755	0.406	ug/L	94
34) Trichloroethene	6.531	95	56517	6.168	ug/L	97
35) Methylcyclohexane	6.676	83	8521	0.756	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	4148	0.656	ug/L #	85
45) 1,1,2-Trichloroethane	8.393	97	889	0.173	ug/L	82
49) Dibromochloromethane	8.550	129	942	0.137	ug/L #	12
61) 1,2,3-Trichloropropane	11.801	75	4221	1.081	ug/L #	61

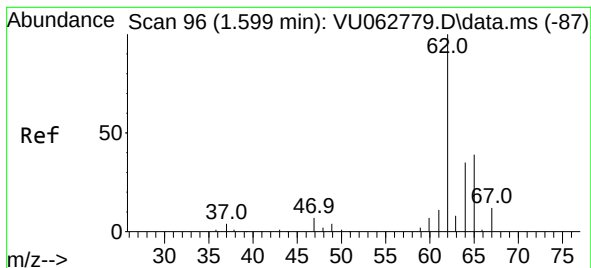
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
Data File : VU062787.D
Acq On : 16 Jan 2025 00:24
Operator : MD/SY
Sample : P1071-15
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 16 02:09:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 01:55:19 2025
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.360 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU062787.D

Acq: 16 Jan 2025 00:24

Instrument :

MSVOA_U

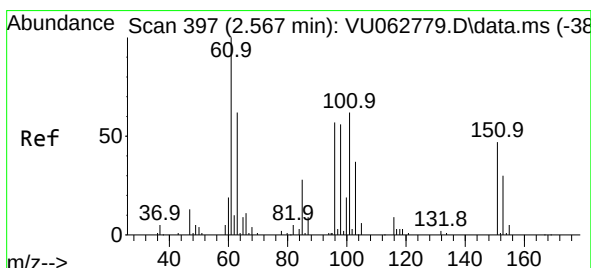
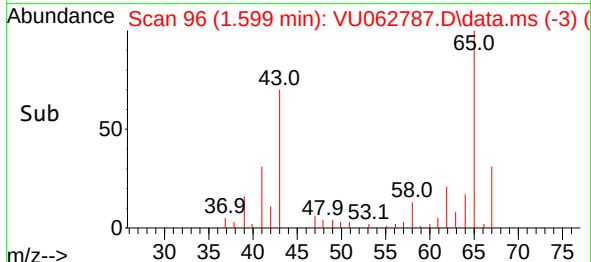
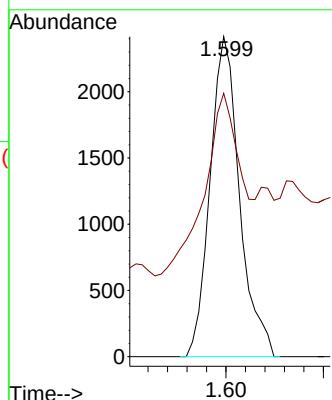
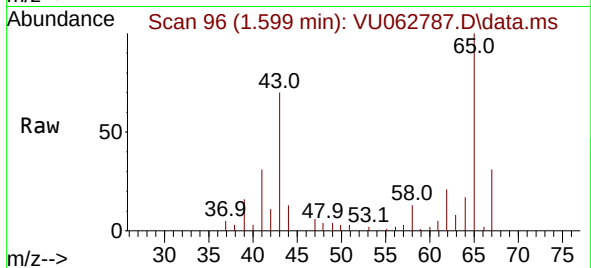
ClientSampleId :

Tgt Ion: 62 Resp: 2534

Ion Ratio Lower Upper

62 100

64 82.3 23.4 43.4#



#12

1,1-Dichloroethene

Concen: 21.019 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU062787.D

Acq: 16 Jan 2025 00:24

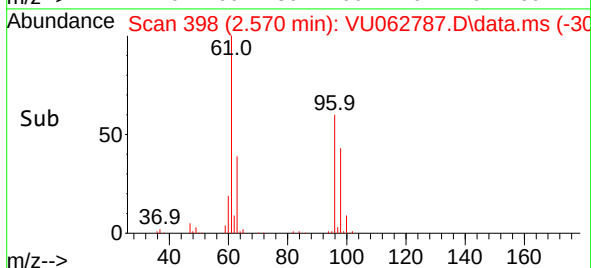
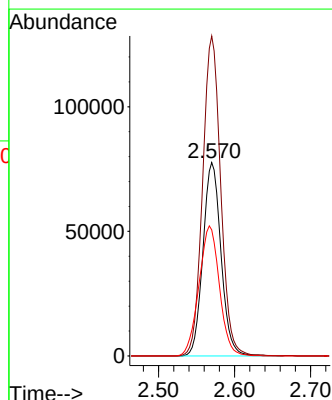
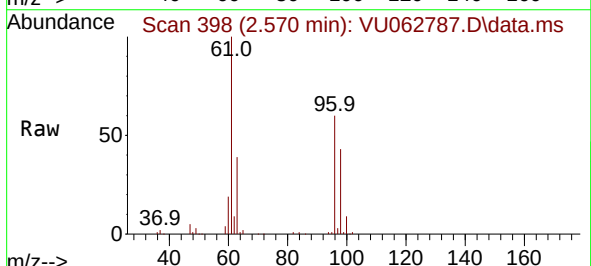
Tgt Ion: 96 Resp: 127730

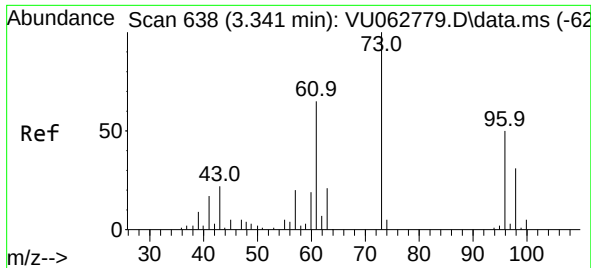
Ion Ratio Lower Upper

96 100

61 165.4 120.4 223.6

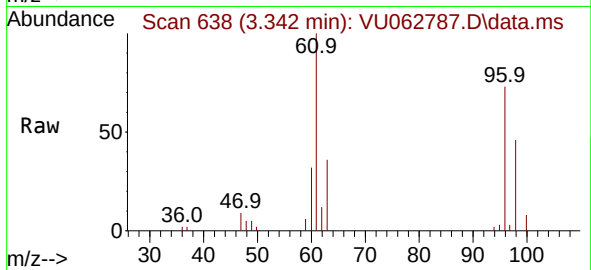
63 65.2 82.3 152.9#



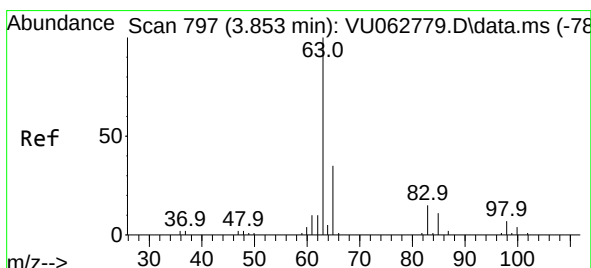
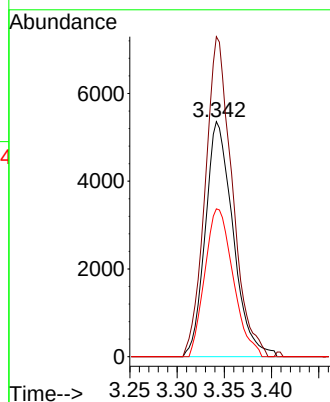
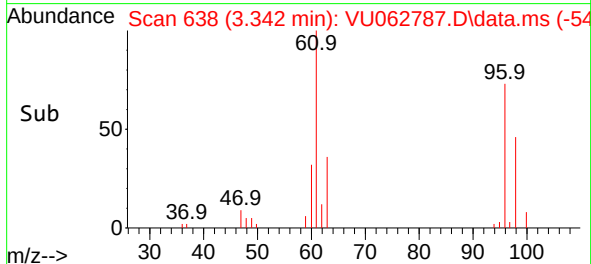


#18
trans-1,2-Dichloroethene
Concen: 1.677 ug/L
RT: 3.342 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU062787.D
Acq: 16 Jan 2025 00:24

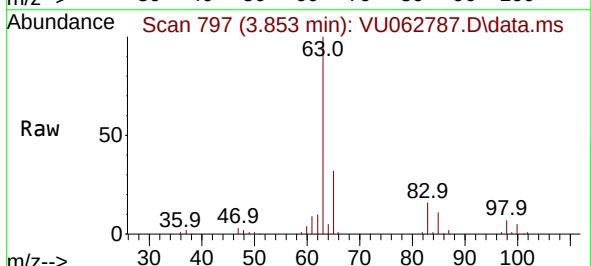
Instrument :
MSVOA_U
ClientSampleId :



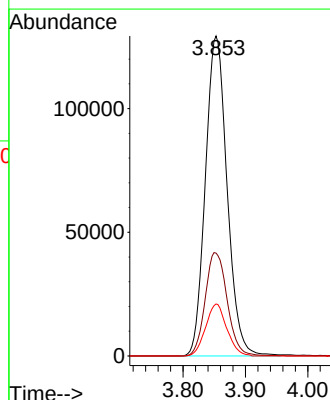
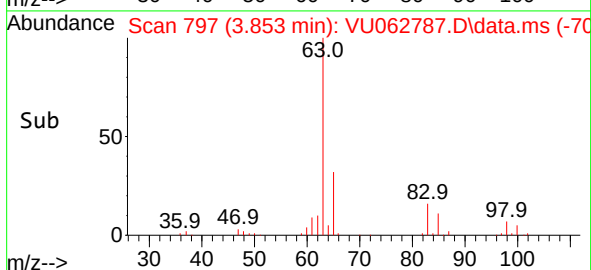
Tgt Ion: 96 Resp: 10920
Ion Ratio Lower Upper
96 100
61 136.2 94.4 175.2
98 62.9 42.8 79.4

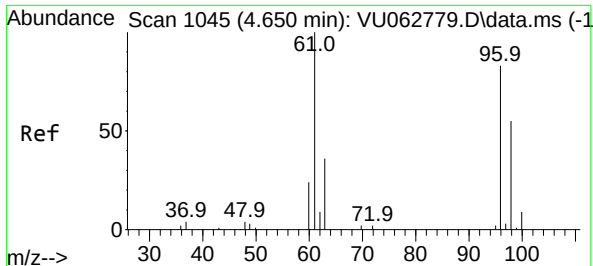


#19
1,1-Dichloroethane
Concen: 26.918 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062787.D
Acq: 16 Jan 2025 00:24



Tgt Ion: 63 Resp: 313338
Ion Ratio Lower Upper
63 100
65 32.1 20.7 38.5
83 16.2 10.5 19.5





#22

cis-1,2-Dichloroethene

Concen: 55.772 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU062787.D

Acq: 16 Jan 2025 00:24

Instrument :

MSVOA_U

ClientSampleId :

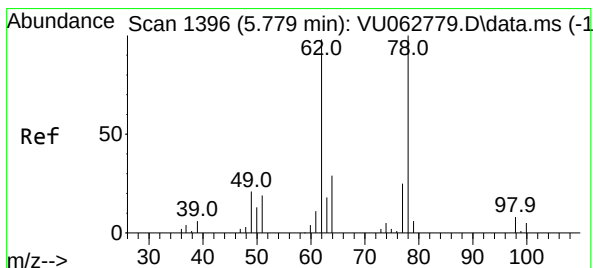
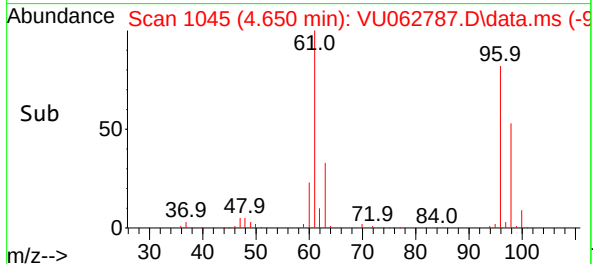
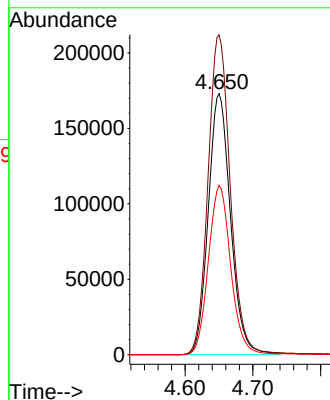
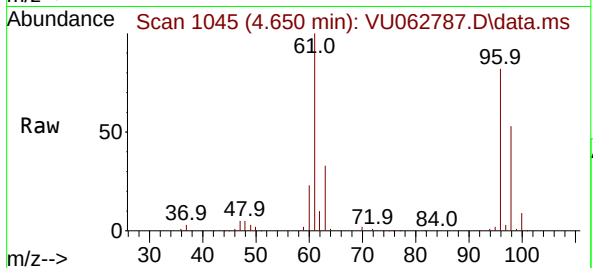
Tgt Ion: 96 Resp: 395417

Ion Ratio Lower Upper

96 100

61 122.6 84.8 157.6

98 64.8 43.1 80.1



#27

1,2-Dichloroethane

Concen: 0.432 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.013 min

Lab File: VU062787.D

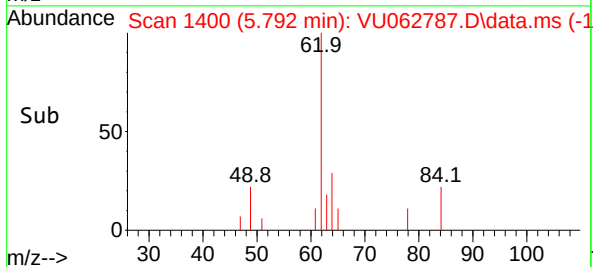
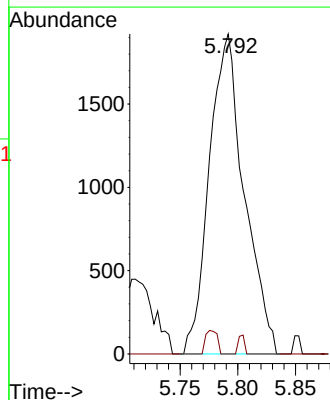
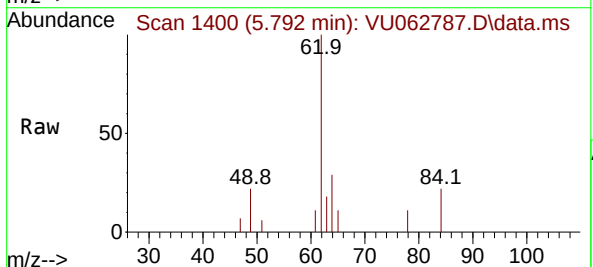
Acq: 16 Jan 2025 00:24

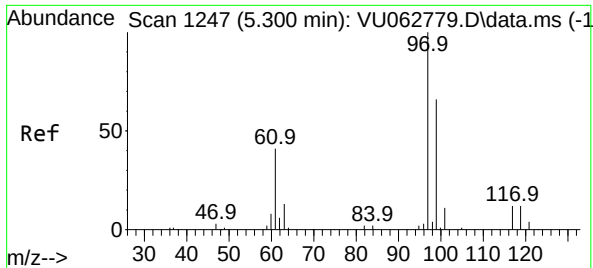
Tgt Ion: 62 Resp: 4042

Ion Ratio Lower Upper

62 100

98 0.0 5.8 8.6#

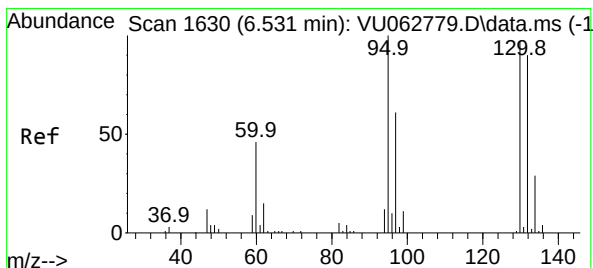
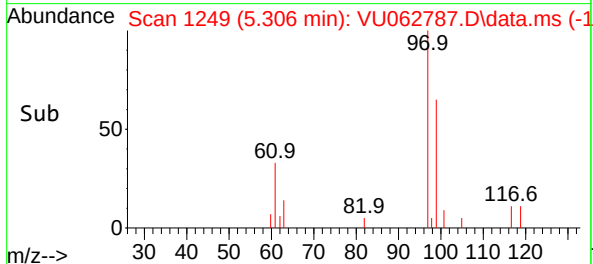
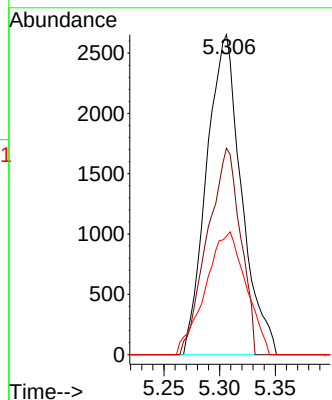
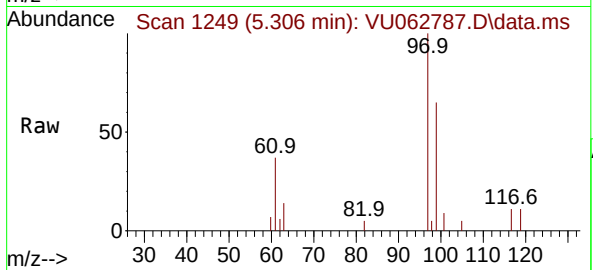




#29
1,1,1-Trichloroethane
Concen: 0.406 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.007 min
Lab File: VU062787.D
Acq: 16 Jan 2025 00:24

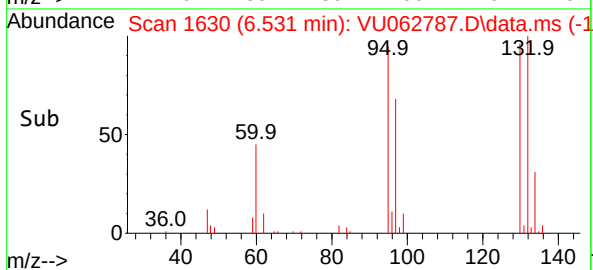
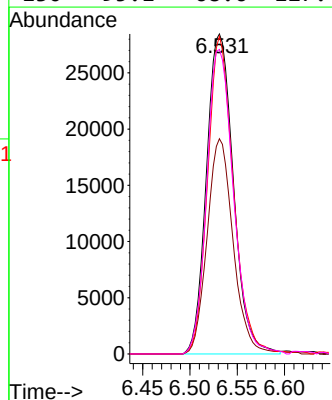
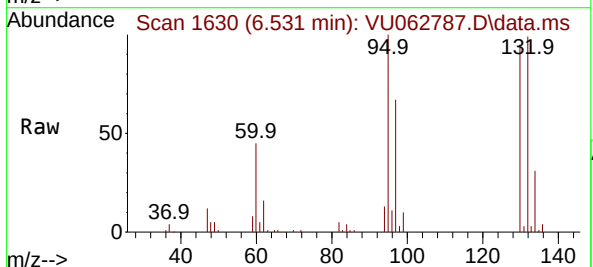
Instrument :
MSVOA_U
ClientSampleId :

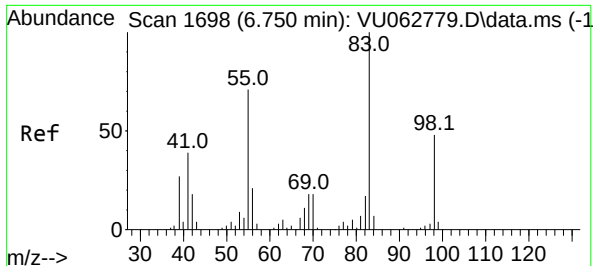
Tgt Ion: 97	Resp: 5755
Ion Ratio	Lower Upper
97 100	
99 61.5	52.4 78.6
61 44.9	32.2 48.4



#34
Trichloroethene
Concen: 6.168 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU062787.D
Acq: 16 Jan 2025 00:24

Tgt Ion: 95	Resp: 56517
Ion Ratio	Lower Upper
95 100	
97 67.2	47.5 88.3
132 99.3	66.9 124.3
130 95.1	68.6 127.4





#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.676 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062787.D

Acq: 16 Jan 2025 00:24

Instrument :

MSVOA_U

ClientSampleId :

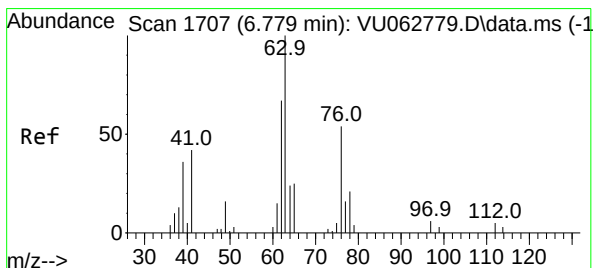
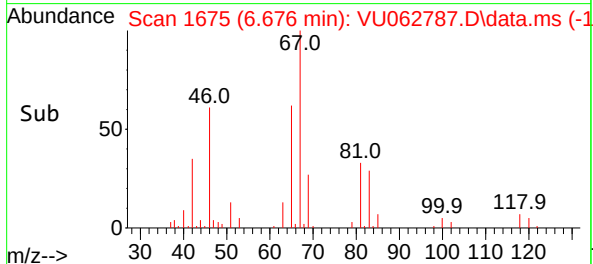
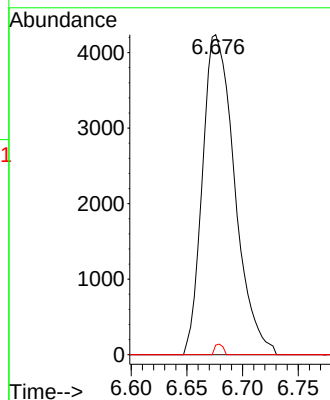
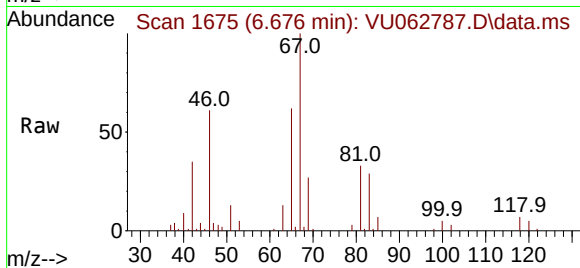
Tgt Ion: 83 Resp: 8521

Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 0.8 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.656 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.100 min

Lab File: VU062787.D

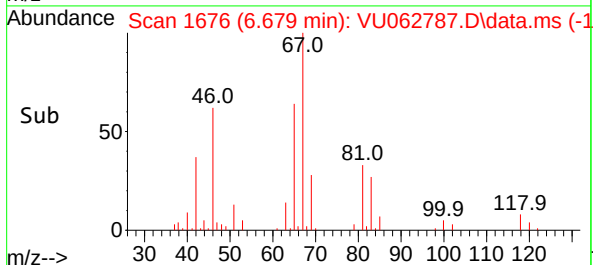
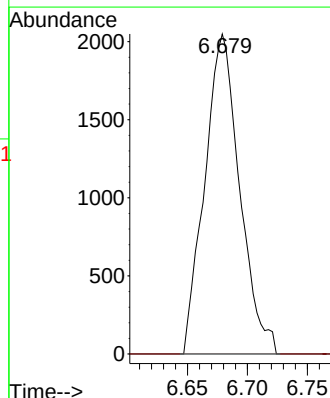
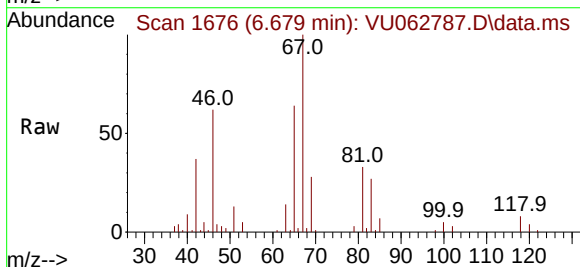
Acq: 16 Jan 2025 00:24

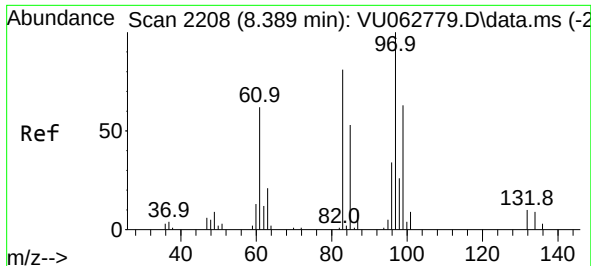
Tgt Ion: 63 Resp: 4148

Ion Ratio Lower Upper

63 100

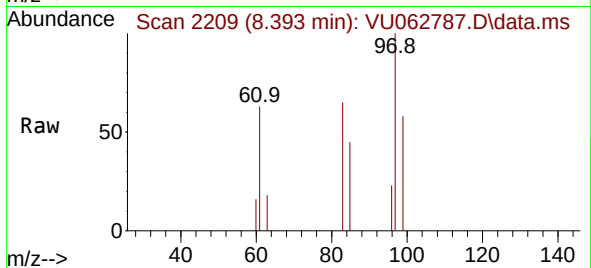
112 0.0 3.8 5.8#



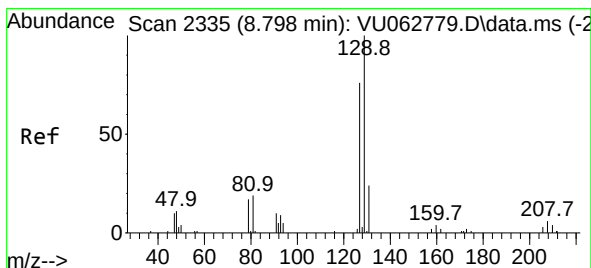
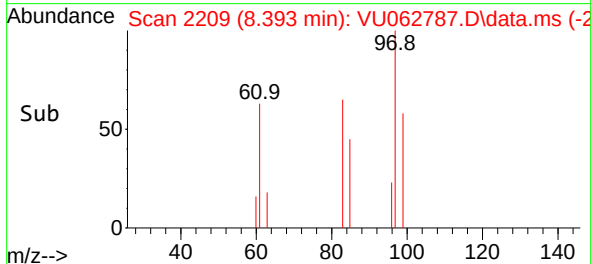
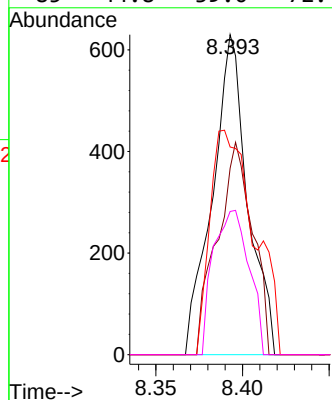


#45
1,1,2-Trichloroethane
Concen: 0.173 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062787.D
Acq: 16 Jan 2025 00:24

Instrument :
MSVOA_U
ClientSampleId :

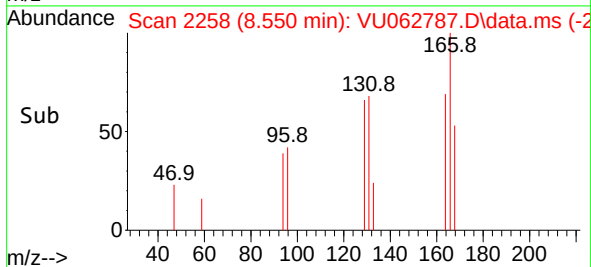
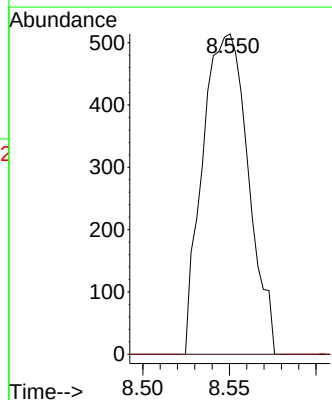
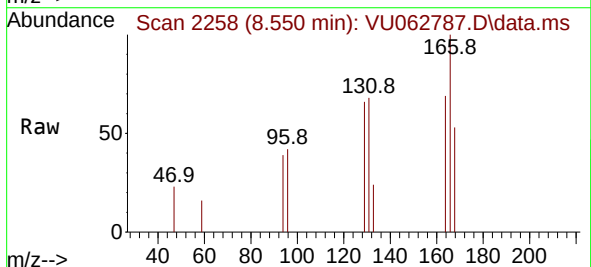


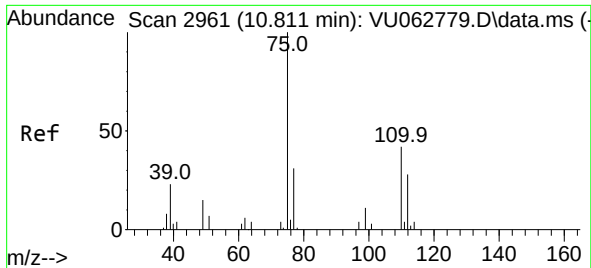
Tgt Ion: 97	Resp: 889
Ion Ratio	Lower Upper
97 100	
99 58.3	45.6 84.6
83 64.9	63.0 117.0
85 44.8	39.0 72.4



#49
Dibromochloromethane
Concen: 0.137 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.247 min
Lab File: VU062787.D
Acq: 16 Jan 2025 00:24

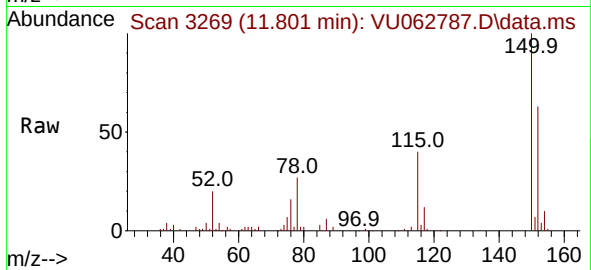
Tgt Ion:129	Resp:	942	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.1	96.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.081 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062787.D
 Acq: 16 Jan 2025 00:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4221
 Ion Ratio Lower Upper
 75 100
 110 1.1 33.2 49.8#
 77 35.8 25.9 38.9

