

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062918.D
 Acq On : 20 Jan 2025 14:43
 Operator : MD/SY
 Sample : Q1071-17
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:42:01 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)

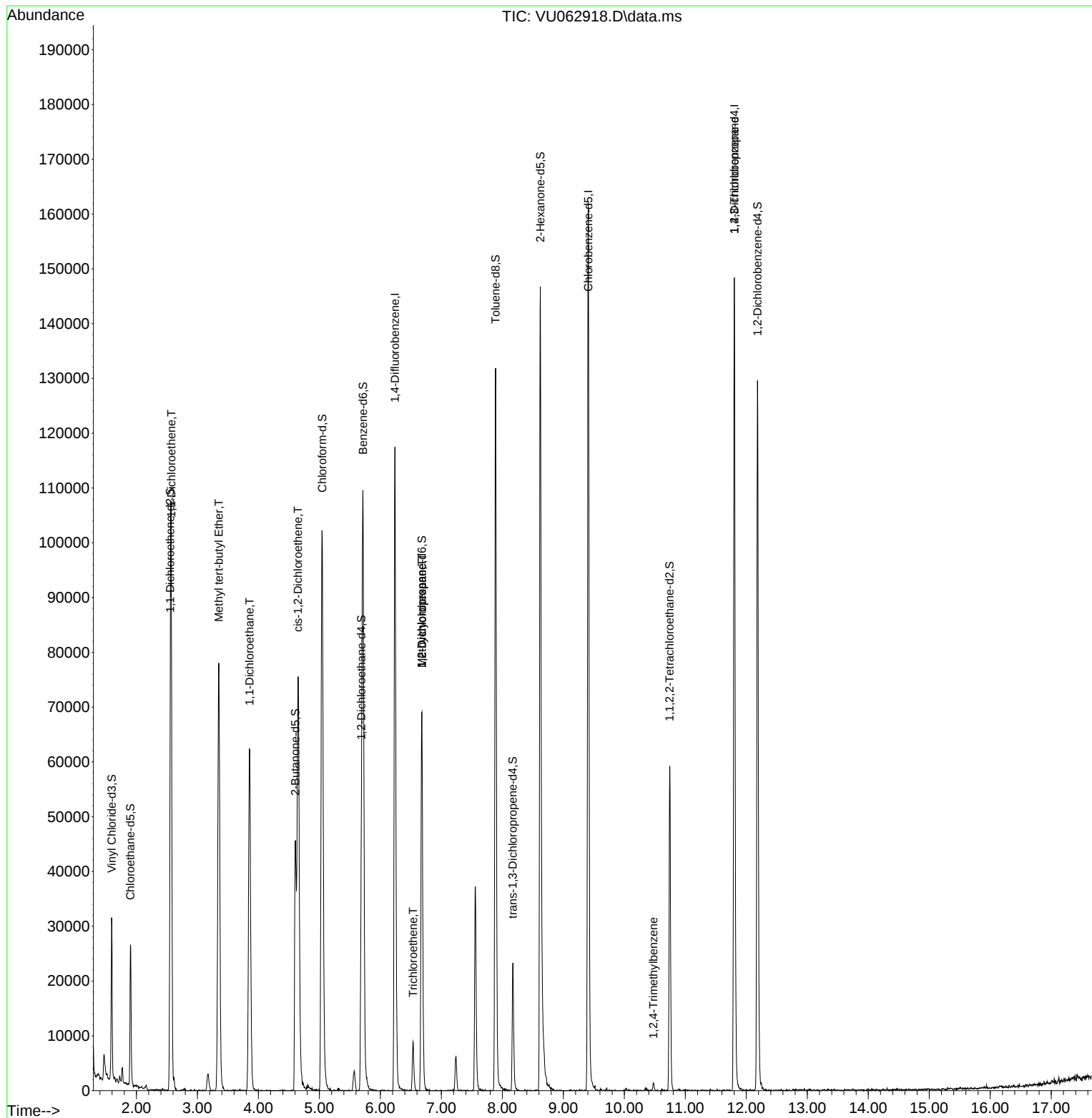
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	95665	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90813	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43276	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19042	3.594	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.901	69	18306	4.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.554	65	11102	4.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.605	46	63277	58.434	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.860%
24) Chloroform-d	5.046	84	62988	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.689	65	36613	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.714	84	100187	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.679	67	29435	4.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.888	98	89830	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.171	79	14117	4.601	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.621	63	48962	50.742	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.480%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	26689	5.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	35783	4.970	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	25381	4.274	ug/L	94
17) Methyl tert-butyl Ether	3.351	73	90489	5.544	ug/L	98
19) 1,1-Dichloroethane	3.856	63	70261	6.176	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	39791	5.743	ug/L	94
34) Trichloroethene	6.534	95	3174	0.356	ug/L	92
35) Methylcyclohexane	6.679	83	8547	0.779	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3934	0.639	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	4082	1.063	ug/L #	56
63) 1,2,4-Trimethylbenzene	10.476	105	1497	0.061	ug/L #	66

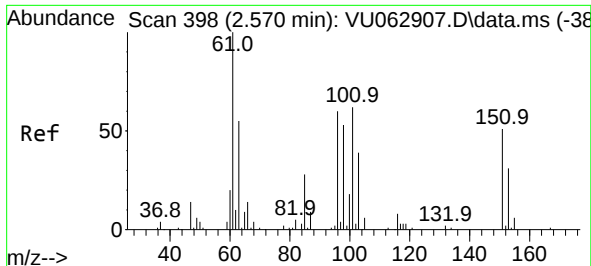
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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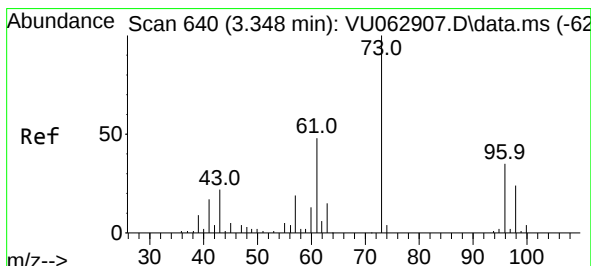
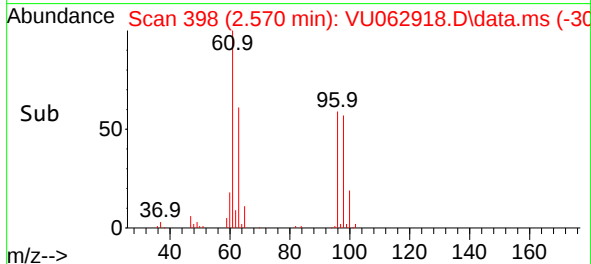
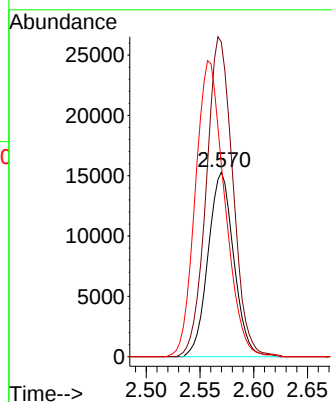
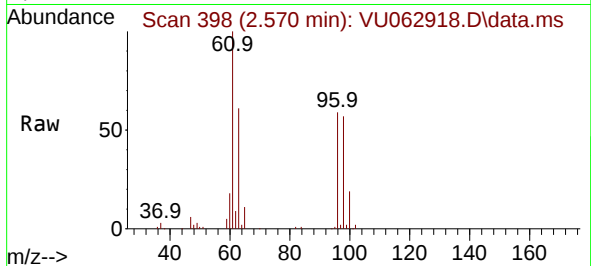




#12
 1,1-Dichloroethene
 Concen: 4.274 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU062918.D
 Acq: 20 Jan 2025 14:43

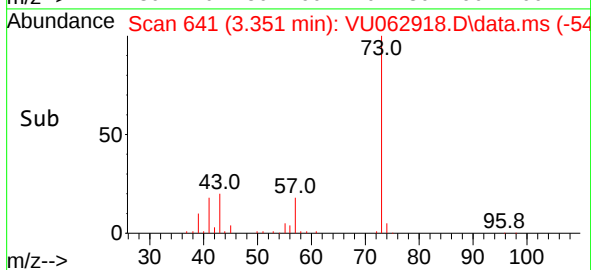
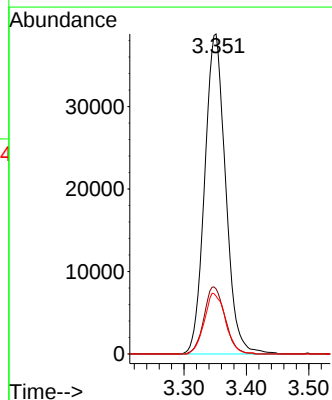
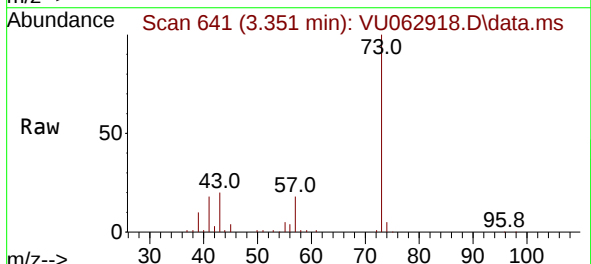
Instrument :
 MSVOA_U
 ClientSampleId :

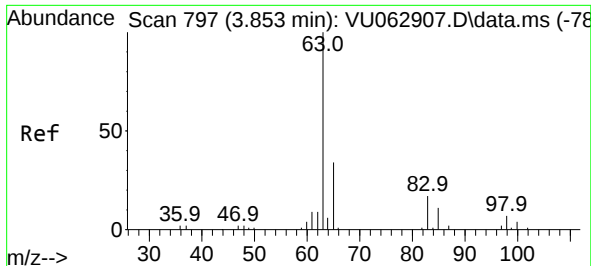
Tgt Ion:	96	Resp:	25381
Ion	Ratio	Lower	Upper
96	100		
61	170.5	120.4	223.6
63	104.2	82.3	152.9



#17
 Methyl tert-butyl Ether
 Concen: 5.544 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. 0.003 min
 Lab File: VU062918.D
 Acq: 20 Jan 2025 14:43

Tgt Ion:	73	Resp:	90489
Ion	Ratio	Lower	Upper
73	100		
43	21.0	16.2	24.4
57	19.2	14.6	22.0





#19

1,1-Dichloroethane

Concen: 6.176 ug/L

RT: 3.856 min Scan# 79

Delta R.T. 0.003 min

Lab File: VU062918.D

Acq: 20 Jan 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :

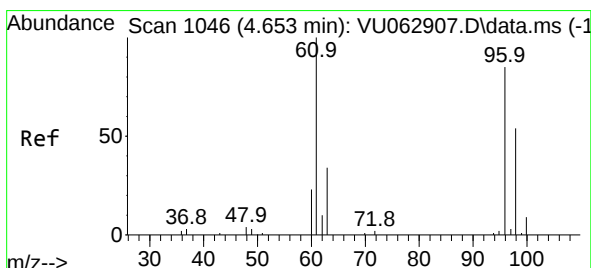
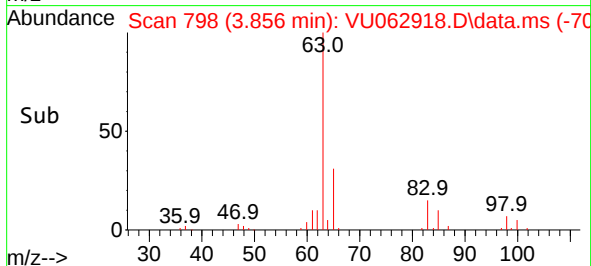
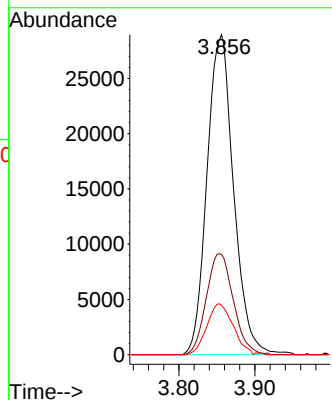
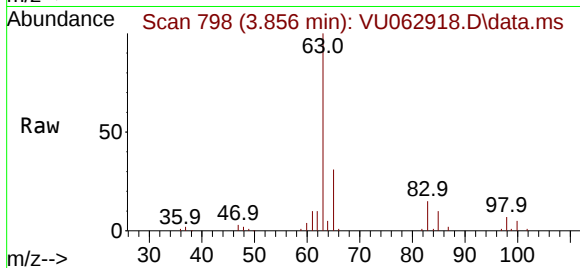
Tgt Ion: 63 Resp: 70261

Ion Ratio Lower Upper

63 100

65 31.4 20.7 38.5

83 15.4 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 5.743 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU062918.D

Acq: 20 Jan 2025 14:43

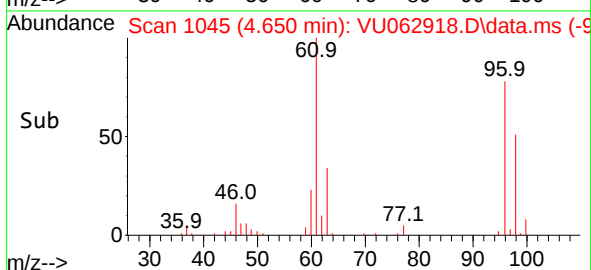
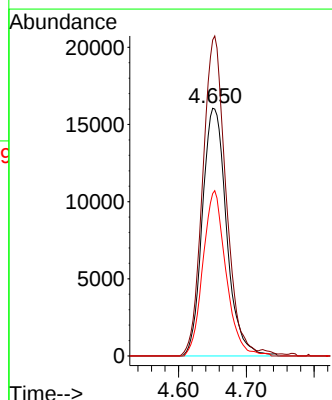
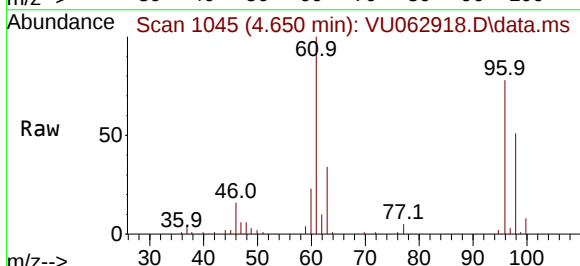
Tgt Ion: 96 Resp: 39791

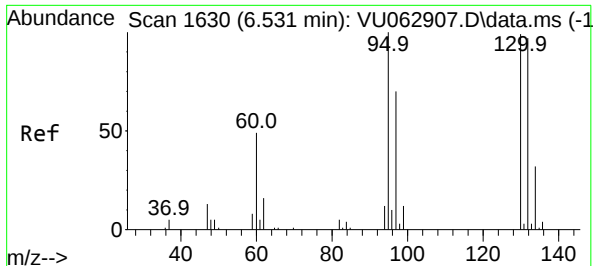
Ion Ratio Lower Upper

96 100

61 127.6 84.8 157.6

98 65.6 43.1 80.1



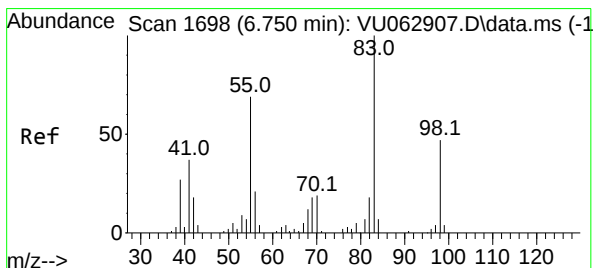
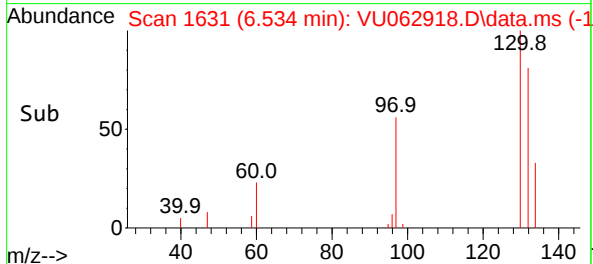
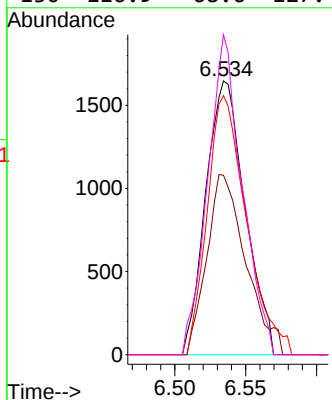
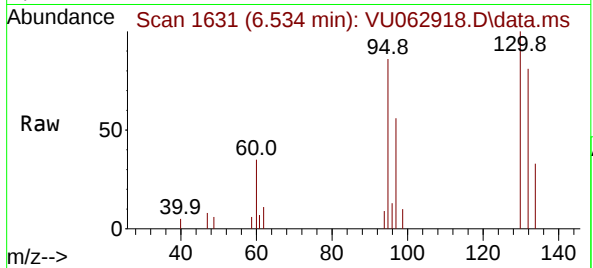


#34
Trichloroethene
Concen: 0.356 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU062918.D
Acq: 20 Jan 2025 14:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 3174

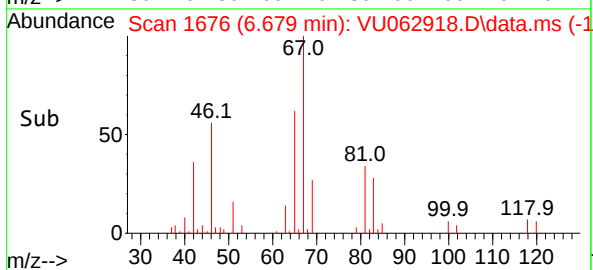
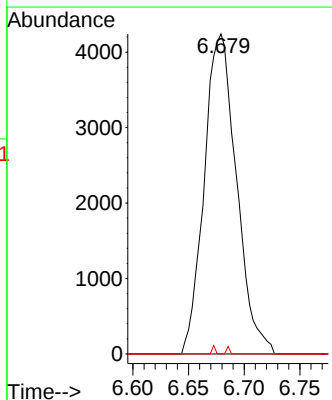
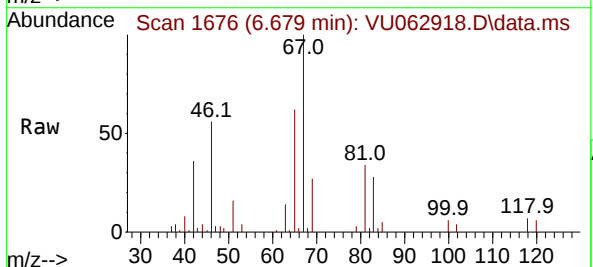
Ion	Ratio	Lower	Upper
95	100		
97	65.6	47.5	88.3
132	94.6	66.9	124.3
130	116.9	68.6	127.4

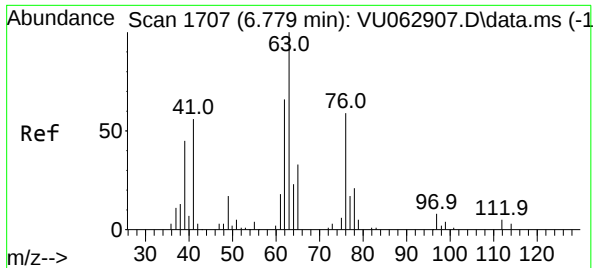


#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062918.D
Acq: 20 Jan 2025 14:43

Tgt Ion: 83 Resp: 8547

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	0.2	36.6	55.0#





#37

1,2-Dichloropropane

Concen: 0.639 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU062918.D

Acq: 20 Jan 2025 14:43

Instrument :

MSVOA_U

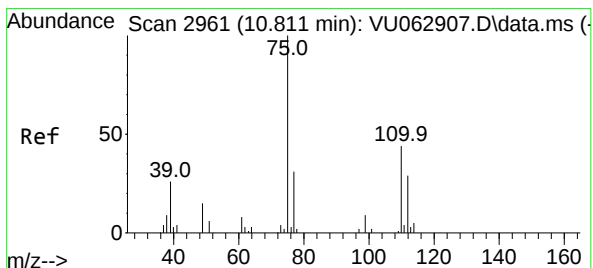
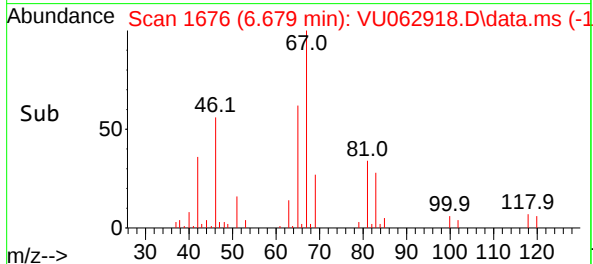
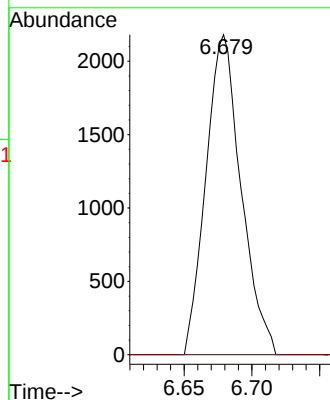
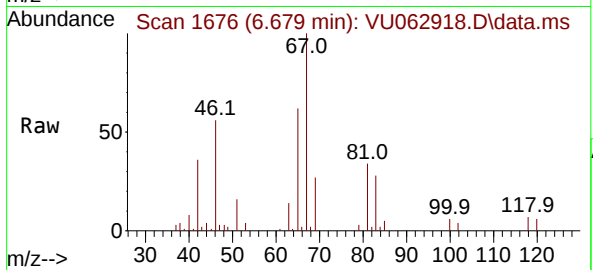
ClientSampleId :

Tgt Ion: 63 Resp: 3934

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#61

1,2,3-Trichloropropane

Concen: 1.063 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.994 min

Lab File: VU062918.D

Acq: 20 Jan 2025 14:43

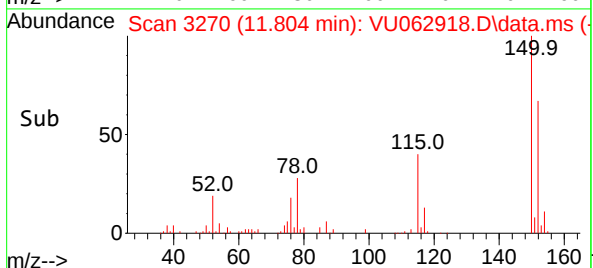
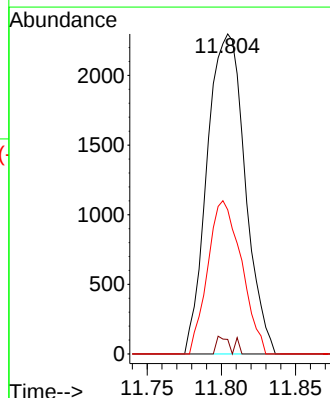
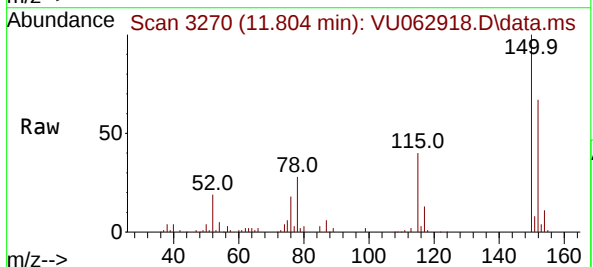
Tgt Ion: 75 Resp: 4082

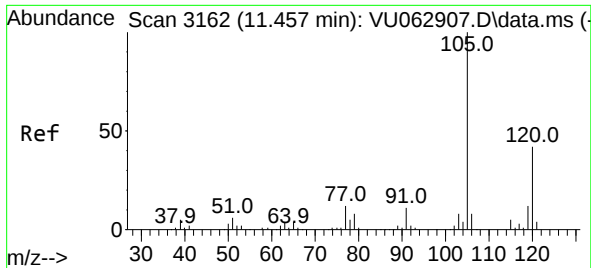
Ion Ratio Lower Upper

75 100

110 1.6 33.2 49.8#

77 42.7 25.9 38.9#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.061 ug/L
 RT: 10.476 min Scan# 21
 Delta R.T. -0.981 min
 Lab File: VU062918.D
 Acq: 20 Jan 2025 14:43

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:105 Resp: 1497
 Ion Ratio Lower Upper
 105 100
 120 21.2 34.2 51.2#

