

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062743.D
 Acq On : 14 Jan 2025 14:55
 Operator : MD/SY
 Sample : Q1057-17
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 00:35:23 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)

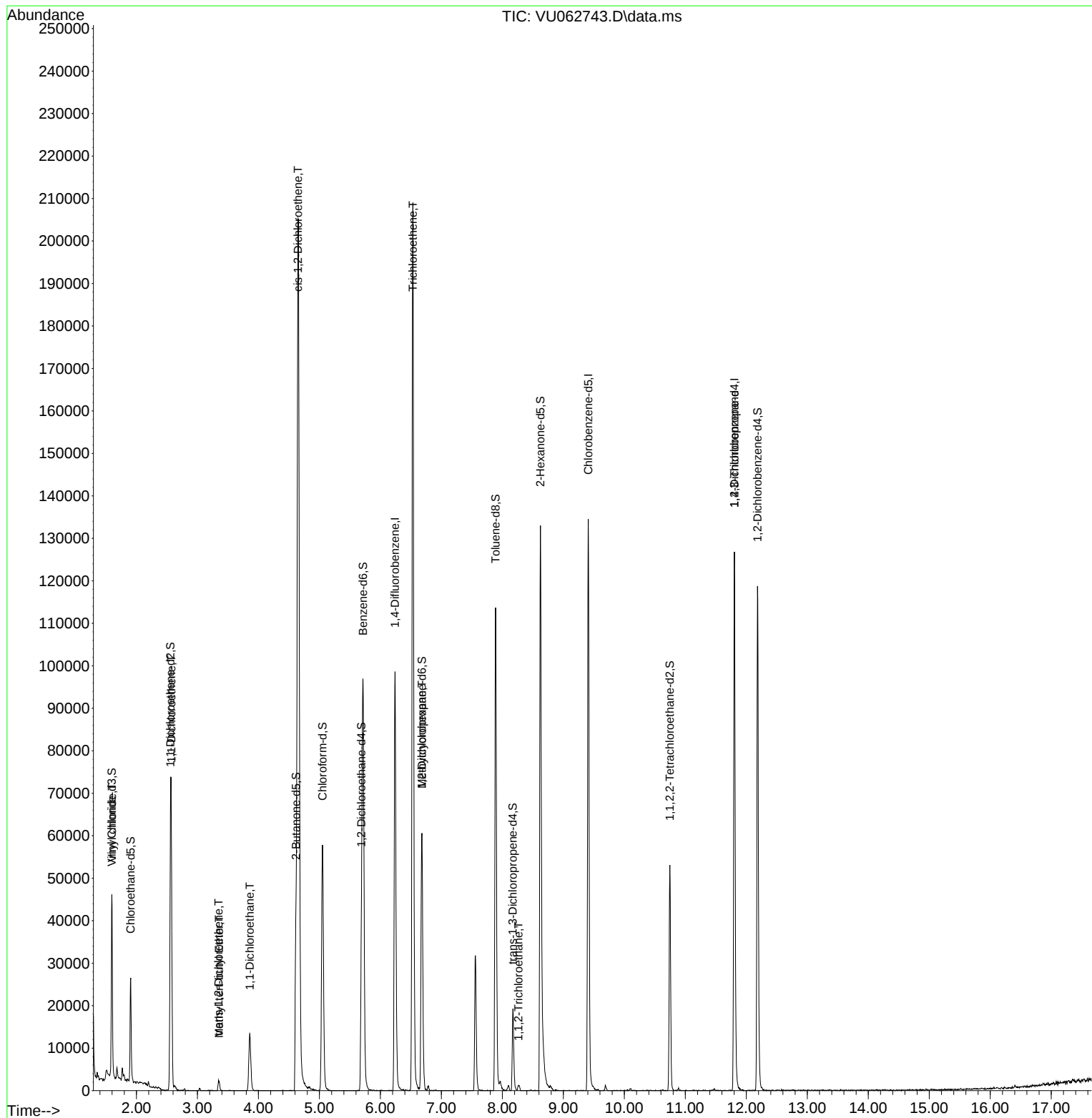
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	81629	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	77268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	36035	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	16498	3.649	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.904	69	17146	4.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.557	65	9533	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.615	46	56711	61.376	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.760%
24) Chloroform-d	5.049	84	56469	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.689	65	32985	5.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	5.714	84	91660	4.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.679	67	27119	5.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.888	98	79979	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.171	79	12211	4.678	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.621	63	45214	55.072	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25543	5.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	32217	5.374	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	14395	2.450	ug/L #	80
12) 1,1-Dichloroethene	2.570	96	14537	2.869	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	1380	0.099	ug/L #	66
18) trans-1,2-Dichloroethene	3.345	96	633	0.117	ug/L #	85
19) 1,1-Dichloroethane	3.859	63	15265	1.573	ug/L	94
22) cis-1,2-Dichloroethene	4.650	96	113330	19.169	ug/L	98
34) Trichloroethene	6.531	95	72081	9.505	ug/L	98
35) Methylcyclohexane	6.679	83	8175	0.876	ug/L #	33
45) 1,1,2-Trichloroethane	8.264	97	1469	0.345	ug/L #	14
61) 1,2,3-Trichloropropane	11.804	75	3489	1.092	ug/L #	57

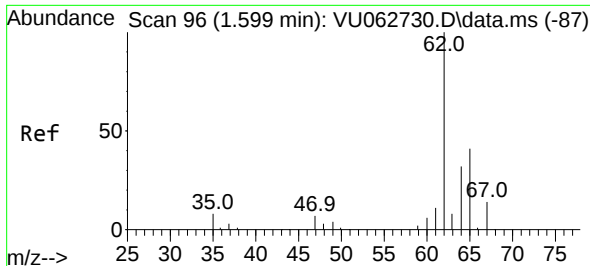
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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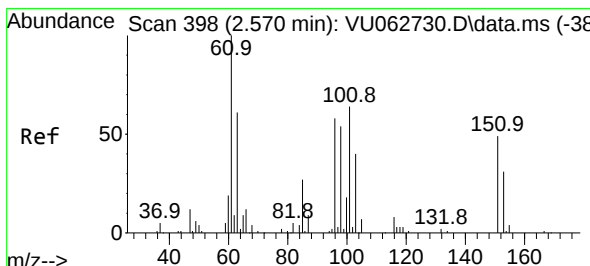
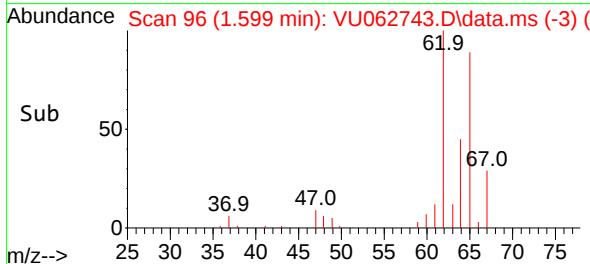
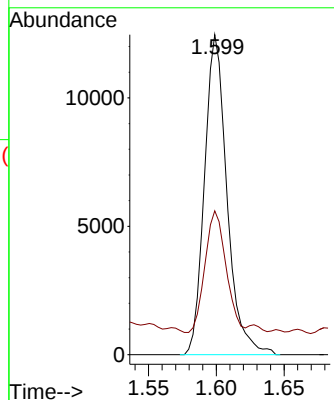
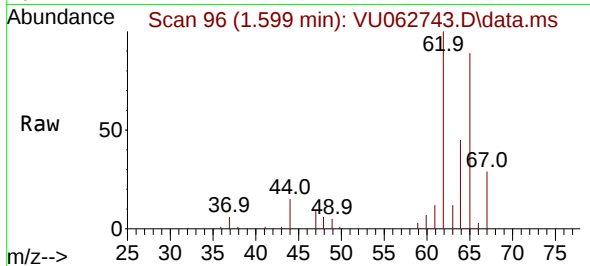




#5
Vinyl chloride
Concen: 2.450 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU062743.D
Acq: 14 Jan 2025 14:55

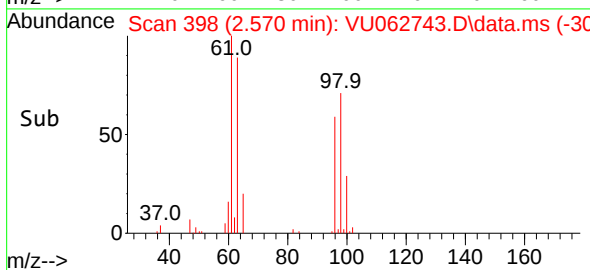
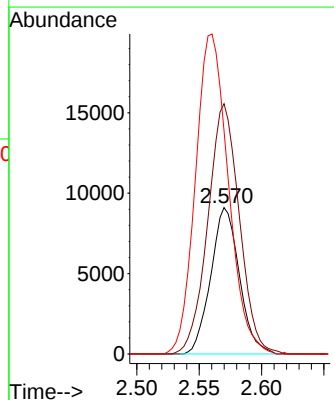
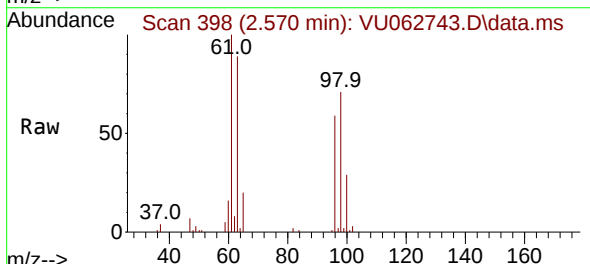
Instrument :
MSVOA_U
ClientSampleId :

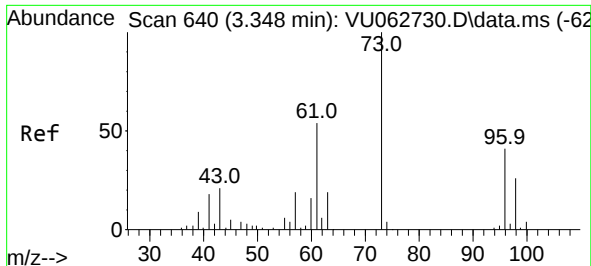
Tgt Ion: 62 Resp: 14395
Ion Ratio Lower Upper
62 100
64 44.9 23.4 43.4#



#12
1,1-Dichloroethene
Concen: 2.869 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU062743.D
Acq: 14 Jan 2025 14:55

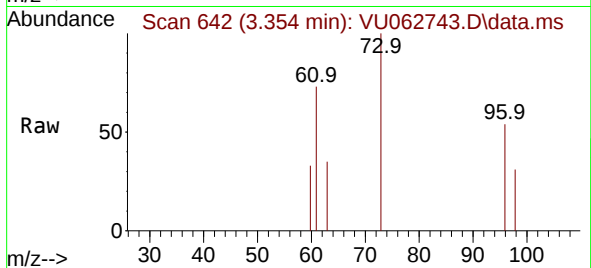
Tgt Ion: 96 Resp: 14537
Ion Ratio Lower Upper
96 100
61 170.8 120.4 223.6
63 152.4 82.3 152.9



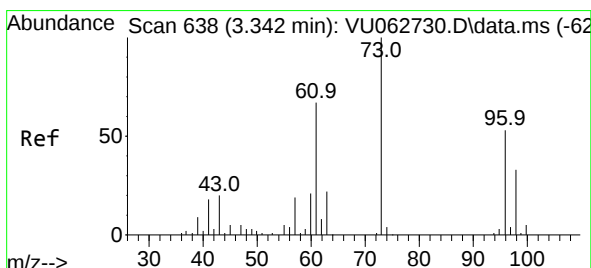
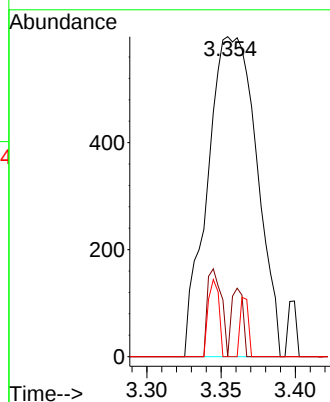
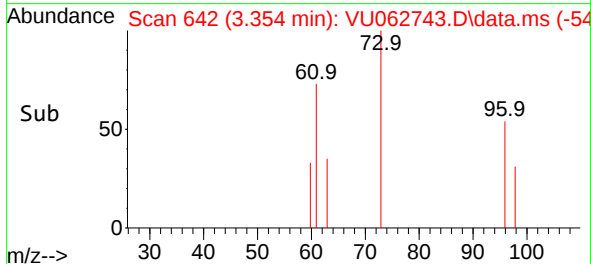


#17
Methyl tert-butyl Ether
Concen: 0.099 ug/L
RT: 3.354 min Scan# 64
Delta R.T. 0.006 min
Lab File: VU062743.D
Acq: 14 Jan 2025 14:55

Instrument :
MSVOA_U
ClientSampleId :

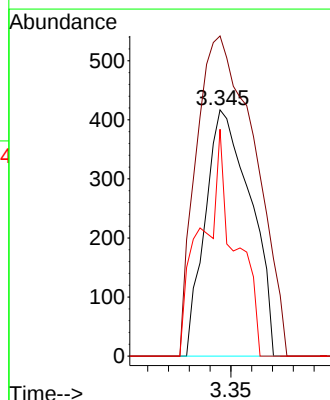
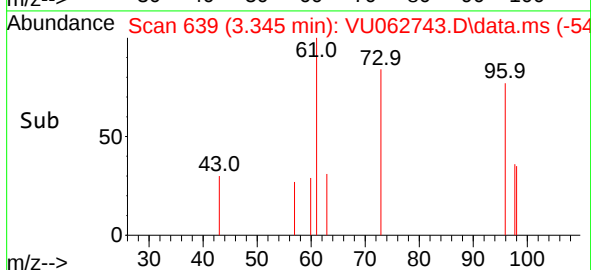
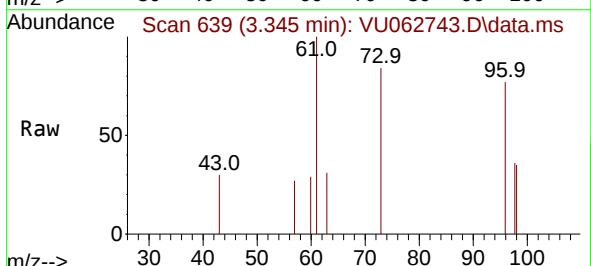


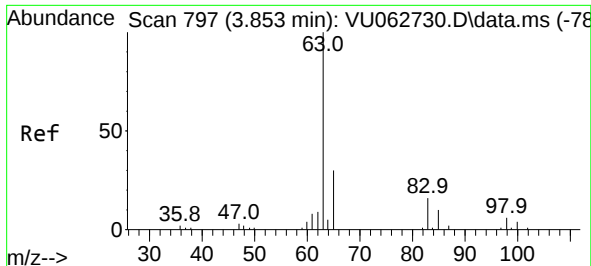
Tgt Ion: 73 Resp: 1380
Ion Ratio Lower Upper
73 100
43 5.0 16.2 24.4#
57 3.0 14.6 22.0#



#18
trans-1,2-Dichloroethene
Concen: 0.117 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU062743.D
Acq: 14 Jan 2025 14:55

Tgt Ion: 96 Resp: 633
Ion Ratio Lower Upper
96 100
61 130.0 94.4 175.2
98 92.1 42.8 79.4#





#19

1,1-Dichloroethane

Concen: 1.573 ug/L

RT: 3.859 min Scan# 797

Delta R.T. 0.006 min

Lab File: VU062743.D

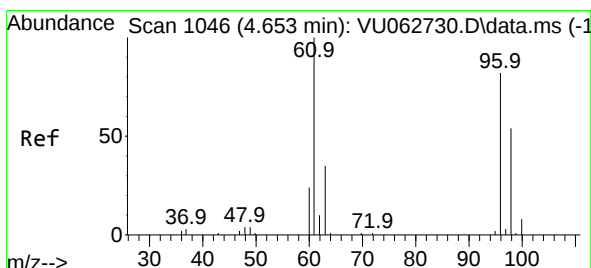
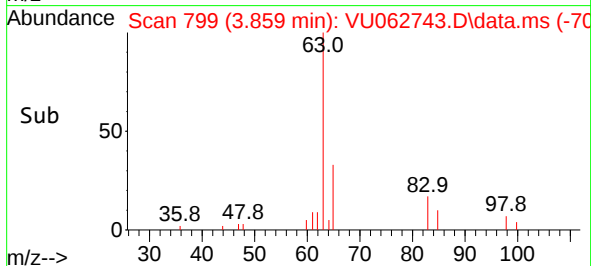
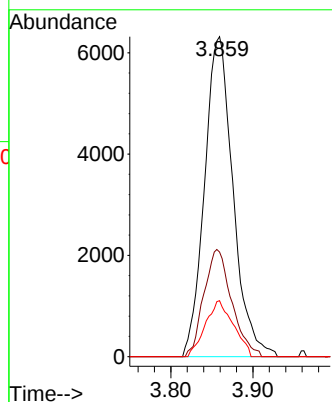
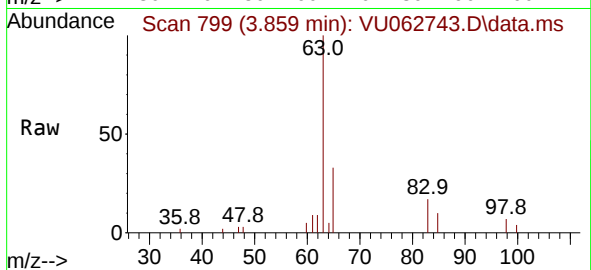
Acq: 14 Jan 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 15265
Ion Ratio	Lower Upper
63	100
65	32.7 20.7 38.5
83	17.5 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 19.169 ug/L

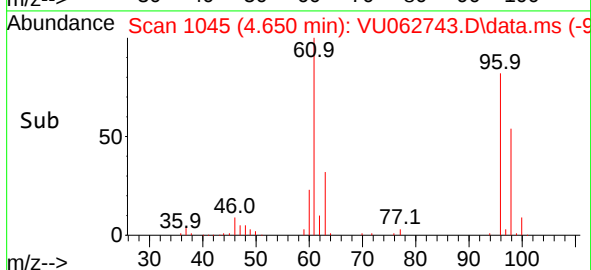
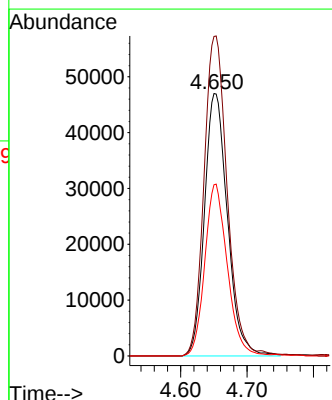
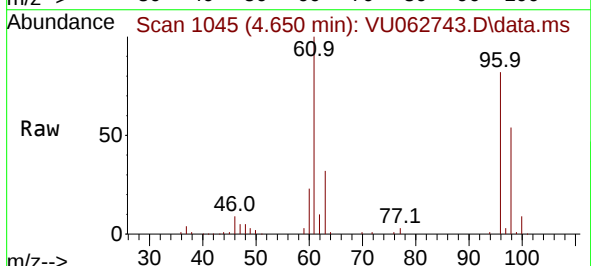
RT: 4.650 min Scan# 1045

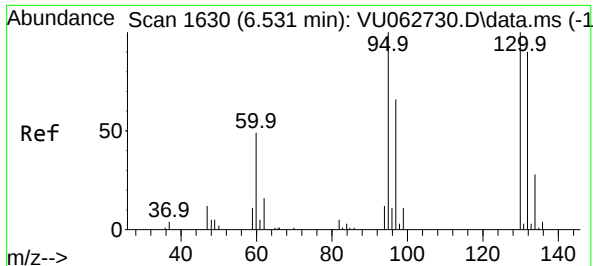
Delta R.T. -0.003 min

Lab File: VU062743.D

Acq: 14 Jan 2025 14:55

Tgt Ion: 96	Resp: 113330
Ion Ratio	Lower Upper
96	100
61	121.8 84.8 157.6
98	65.3 43.1 80.1





#34

Trichloroethene

Concen: 9.505 ug/L

RT: 6.531 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062743.D

Acq: 14 Jan 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 72081

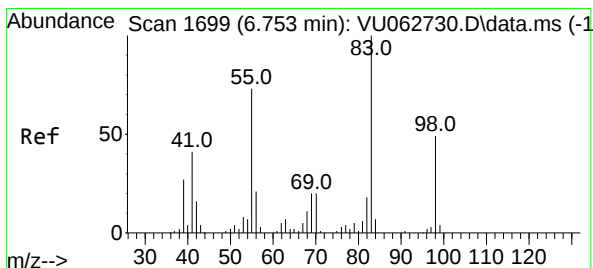
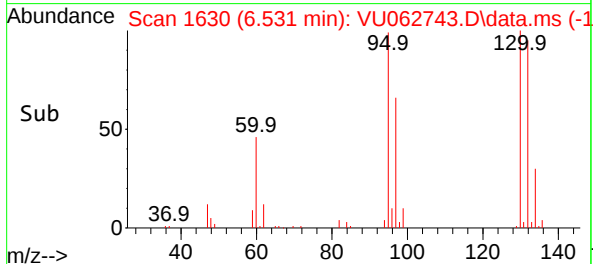
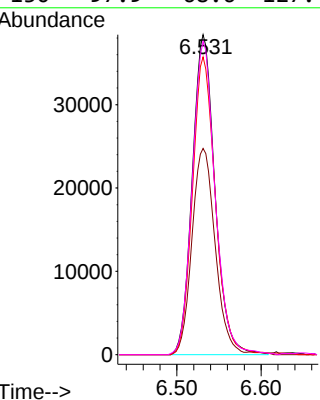
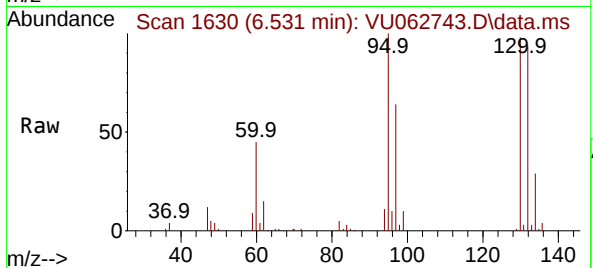
Ion Ratio Lower Upper

95 100

97 64.4 47.5 88.3

132 93.0 66.9 124.3

130 97.9 68.6 127.4



#35

Methylcyclohexane

Concen: 0.876 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062743.D

Acq: 14 Jan 2025 14:55

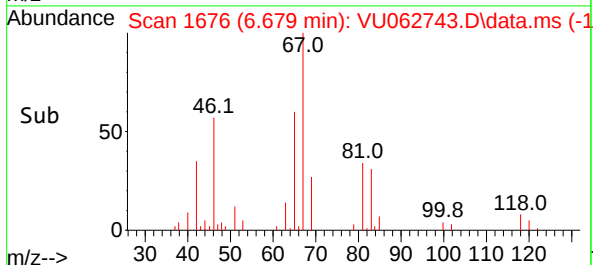
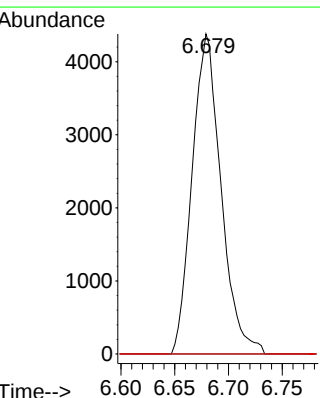
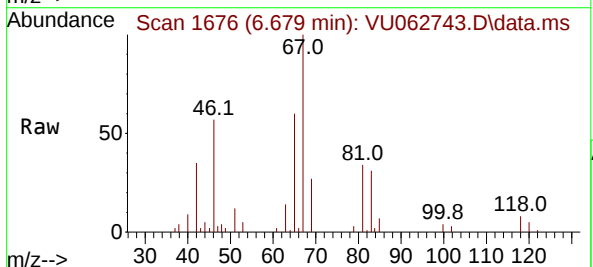
Tgt Ion: 83 Resp: 8175

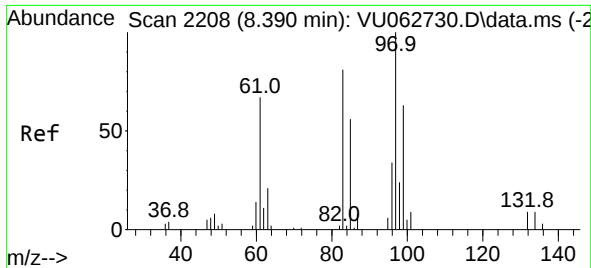
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 21.6 36.6 55.0#

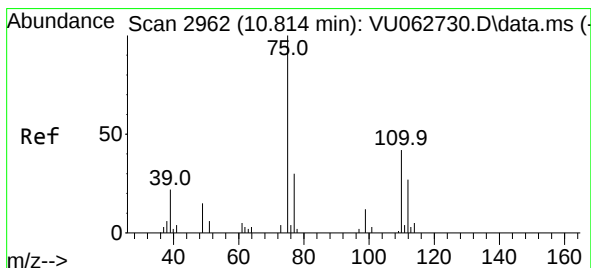
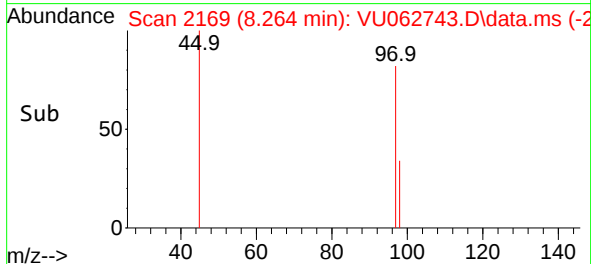
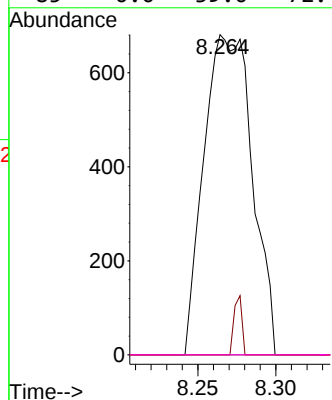
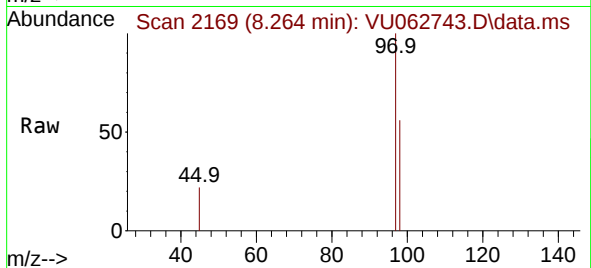




#45
 1,1,2-Trichloroethane
 Concen: 0.345 ug/L
 RT: 8.264 min Scan# 2169
 Delta R.T. -0.125 min
 Lab File: VU062743.D
 Acq: 14 Jan 2025 14:55

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	97	Resp:	1469
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: 1.092 ug/L
 RT: 11.804 min Scan# 3270
 Delta R.T. 0.990 min
 Lab File: VU062743.D
 Acq: 14 Jan 2025 14:55

Tgt Ion:	75	Resp:	3489
Ion	Ratio	Lower	Upper
75	100		
110	1.1	33.2	49.8#
77	41.5	25.9	38.9#

