

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062744.D
 Acq On : 14 Jan 2025 15:18
 Operator : MD/SY
 Sample : Q1057-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 00:35:40 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)

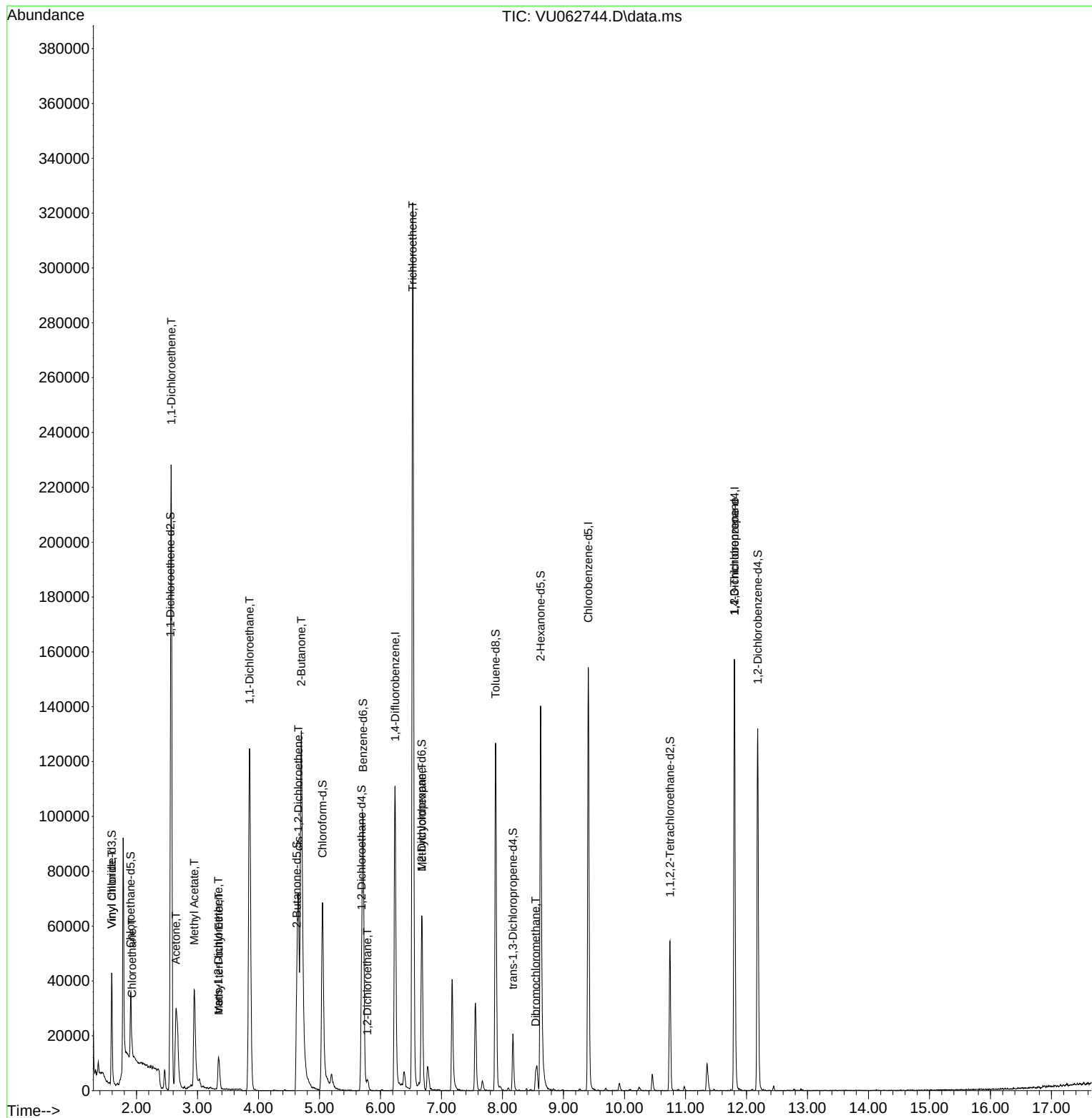
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	91179	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	87179	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17294	3.425	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.904	69	16297	4.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.557	65	10038	3.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	4.628	46	55381	53.659	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.320%
24) Chloroform-d	5.049	84	57778	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.689	65	33463	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.714	84	92654	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.676	67	27197	4.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.888	98	87122	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.171	79	12543	4.259	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.624	63	49621	53.569	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24369	4.925	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	36735	5.094	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.596	62	12543	1.911	ug/L	93
8) Chloroethane	1.927	64	3766	0.955	ug/L #	63
12) 1,1-Dichloroethene	2.570	96	68656	12.130	ug/L #	78
13) Acetone	2.647	43	52841	64.629	ug/L	100
15) Methyl Acetate	2.946	43	48414	27.348	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	6340	0.408	ug/L #	90
18) trans-1,2-Dichloroethene	3.341	96	3422	0.564	ug/L	88
19) 1,1-Dichloroethane	3.853	63	138557	12.779	ug/L	94
21) 2-Butanone	4.702	43	210974	193.753	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	28610	4.332	ug/L	91
27) 1,2-Dichloroethane	5.785	62	3827	0.439	ug/L	97
34) Trichloroethene	6.528	95	112216	13.115	ug/L	97
35) Methylcyclohexane	6.679	83	7869	0.747	ug/L #	20
49) Dibromochloromethane	8.544	129	1454	0.226	ug/L #	12
61) 1,2,3-Trichloropropane	11.801	75	4272	1.111	ug/L #	56

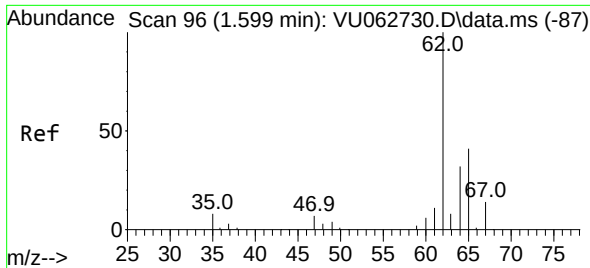
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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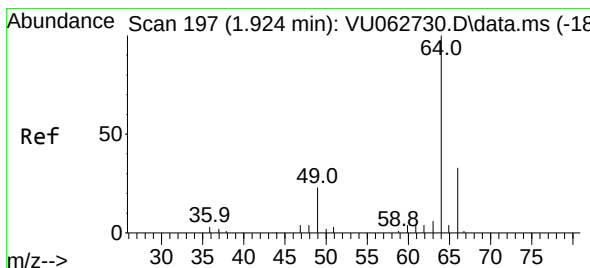
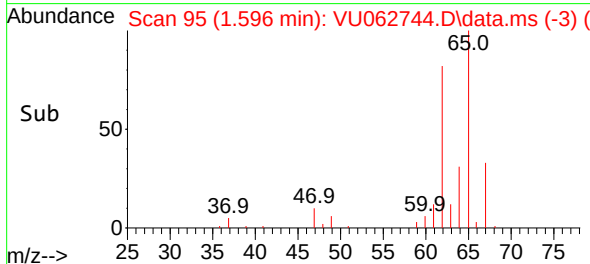
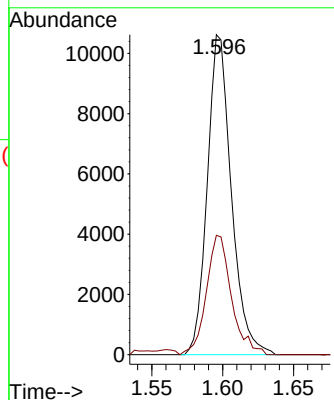
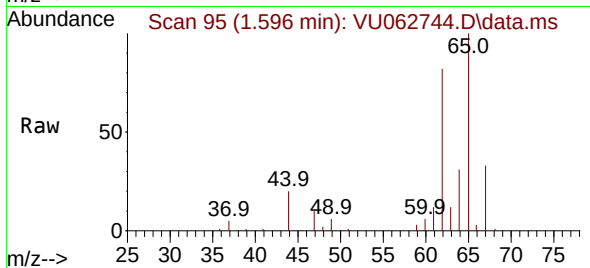




#5
 Vinyl chloride
 Concen: 1.911 ug/L
 RT: 1.596 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU062744.D
 Acq: 14 Jan 2025 15:18

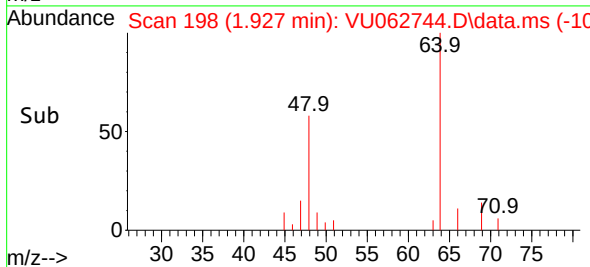
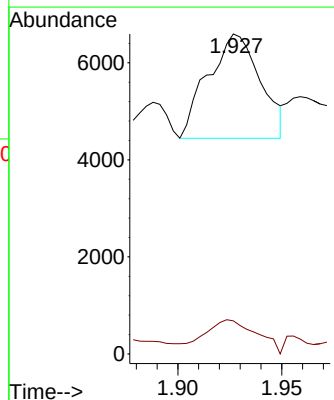
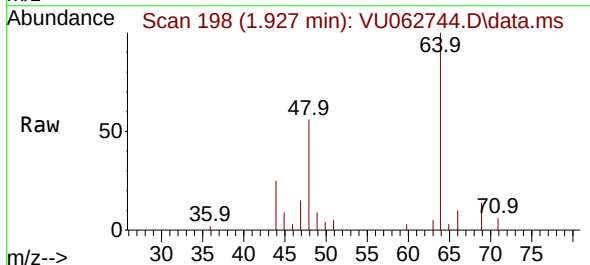
Instrument :
 MSVOA_U
 ClientSampleId :

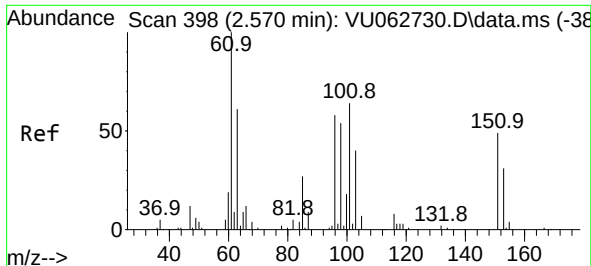
Tgt Ion: 62 Resp: 12543
 Ion Ratio Lower Upper
 62 100
 64 37.3 23.4 43.4



#8
 Chloroethane
 Concen: 0.955 ug/L
 RT: 1.927 min Scan# 198
 Delta R.T. 0.003 min
 Lab File: VU062744.D
 Acq: 14 Jan 2025 15:18

Tgt Ion: 64 Resp: 3766
 Ion Ratio Lower Upper
 64 100
 66 10.3 21.6 40.2#

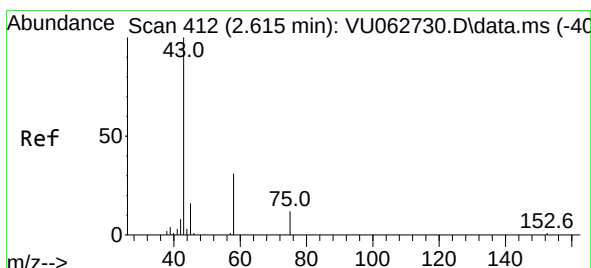
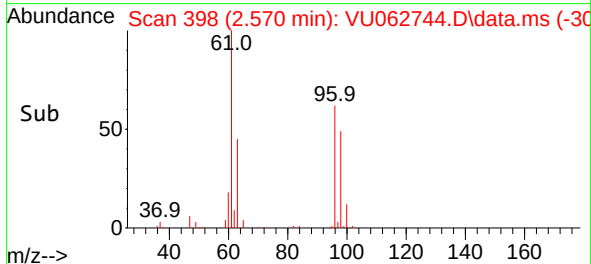
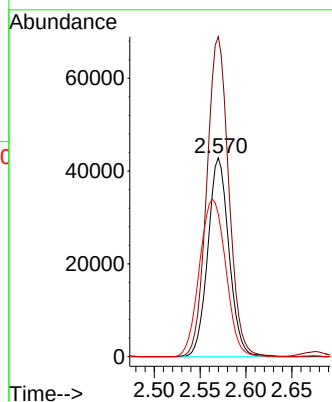
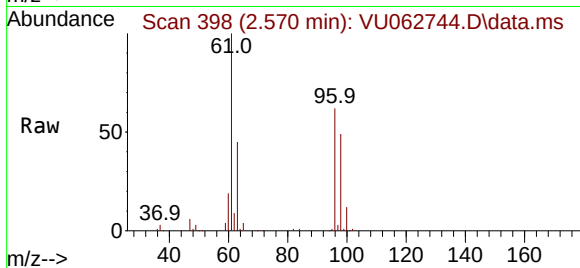




#12
1,1-Dichloroethene
Concen: 12.130 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062744.D
Acq: 14 Jan 2025 15:18

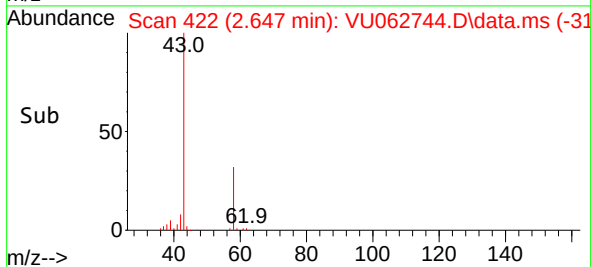
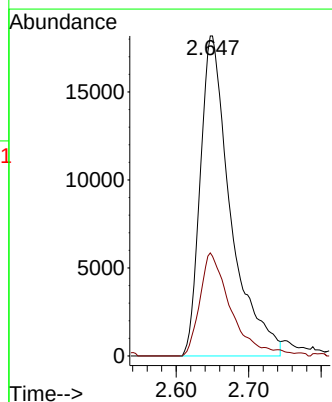
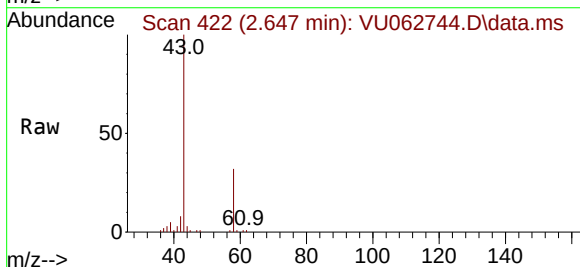
Instrument :
MSVOA_U
ClientSampleId :

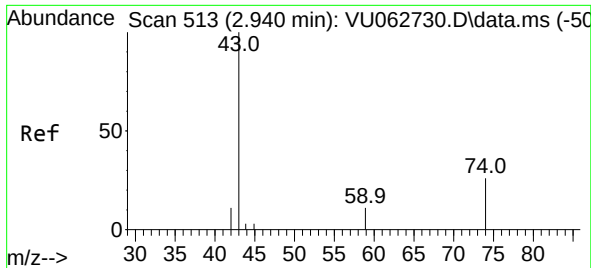
Tgt Ion: 96 Resp: 68656
Ion Ratio Lower Upper
96 100
61 161.0 120.4 223.6
63 71.7 82.3 152.9#



#13
Acetone
Concen: 64.629 ug/L
RT: 2.647 min Scan# 422
Delta R.T. 0.032 min
Lab File: VU062744.D
Acq: 14 Jan 2025 15:18

Tgt Ion: 43 Resp: 52841
Ion Ratio Lower Upper
43 100
58 32.0 0.0 64.4

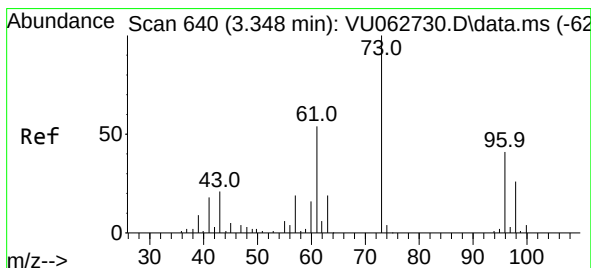
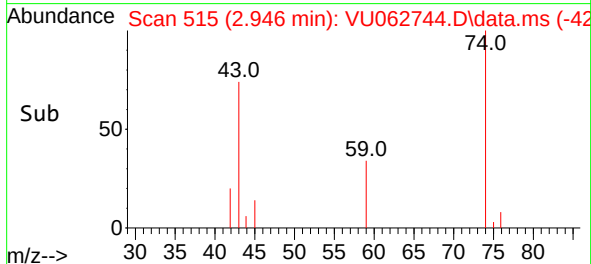
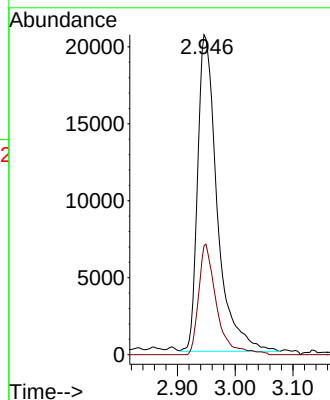
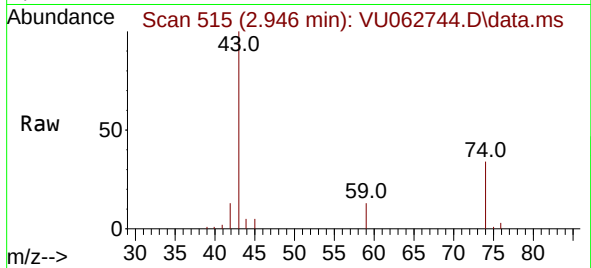




#15
Methyl Acetate
Concen: 27.348 ug/L
RT: 2.946 min Scan# 513
Delta R.T. 0.006 min
Lab File: VU062744.D
Acq: 14 Jan 2025 15:18

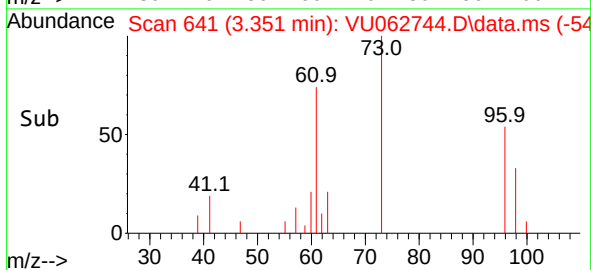
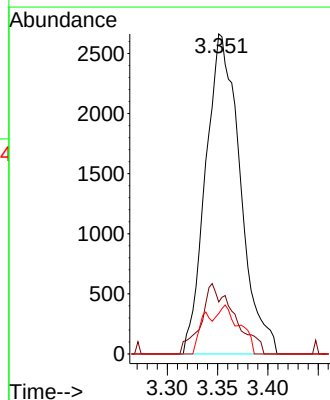
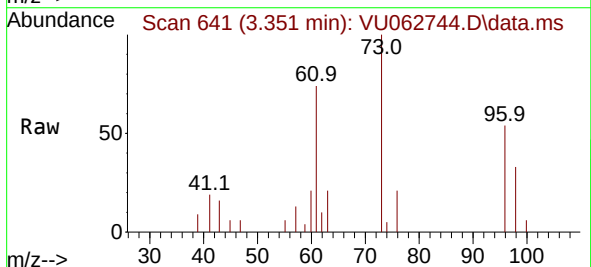
Instrument :
MSVOA_U
ClientSampleId :

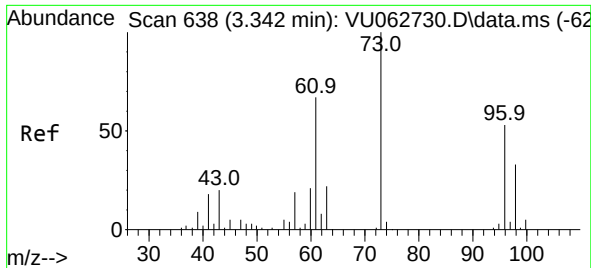
Tgt Ion: 43 Resp: 48414
Ion Ratio Lower Upper
43 100
74 31.9 24.4 36.6



#17
Methyl tert-butyl Ether
Concen: 0.408 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062744.D
Acq: 14 Jan 2025 15:18

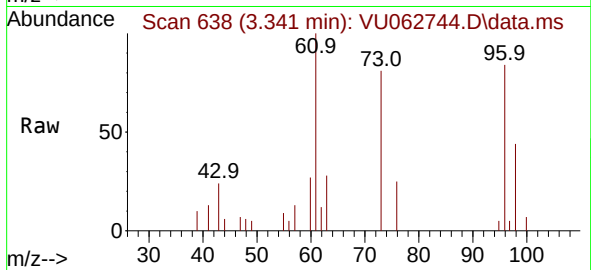
Tgt Ion: 73 Resp: 6340
Ion Ratio Lower Upper
73 100
43 21.3 16.2 24.4
57 10.2 14.6 22.0#



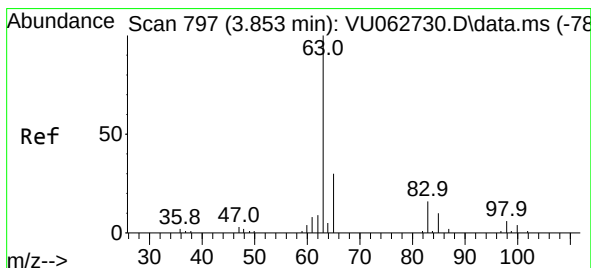
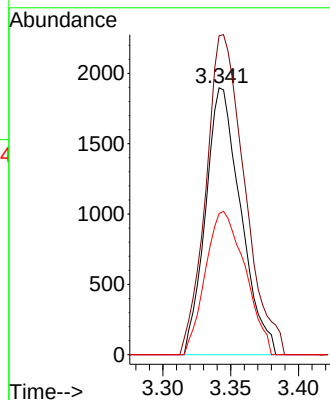
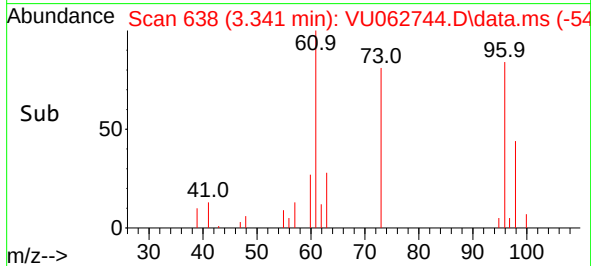


#18
trans-1,2-Dichloroethene
Concen: 0.564 ug/L
RT: 3.341 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU062744.D
Acq: 14 Jan 2025 15:18

Instrument :
MSVOA_U
ClientSampleId :

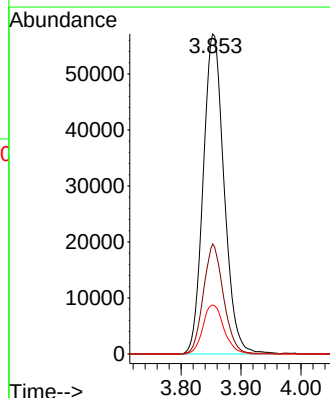
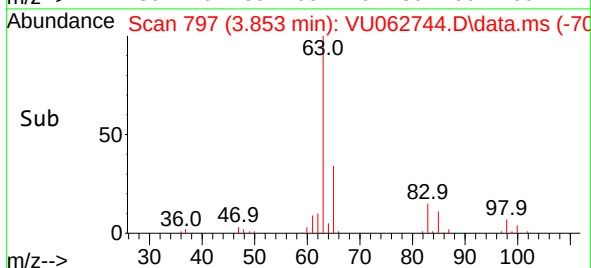
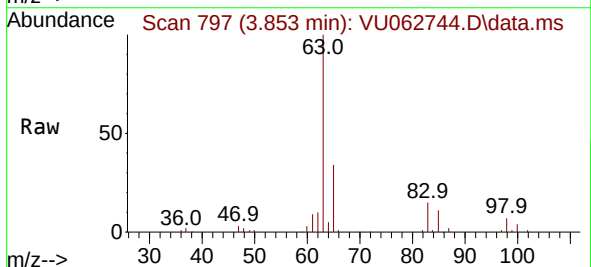


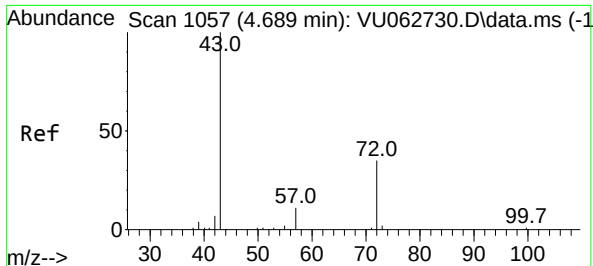
Tgt Ion:	96	Resp:	3422
Ion	Ratio	Lower	Upper
96	100		
61	119.5	94.4	175.2
98	52.9	42.8	79.4



#19
1,1-Dichloroethane
Concen: 12.779 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU062744.D
Acq: 14 Jan 2025 15:18

Tgt Ion:	63	Resp:	138557
Ion	Ratio	Lower	Upper
63	100		
65	34.4	20.7	38.5
83	15.3	10.5	19.5





#21

2-Butanone

Concen: 193.753 ug/L

RT: 4.702 min Scan# 1061

Delta R.T. 0.013 min

Lab File: VU062744.D

Acq: 14 Jan 2025 15:18

Instrument :

MSVOA_U

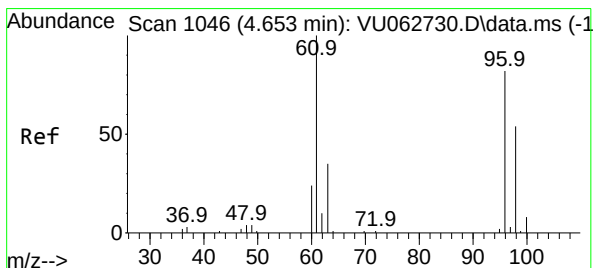
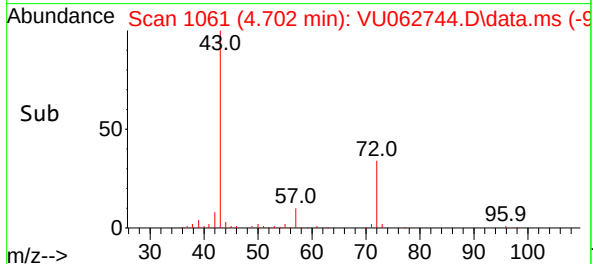
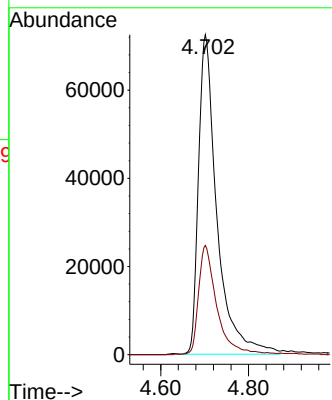
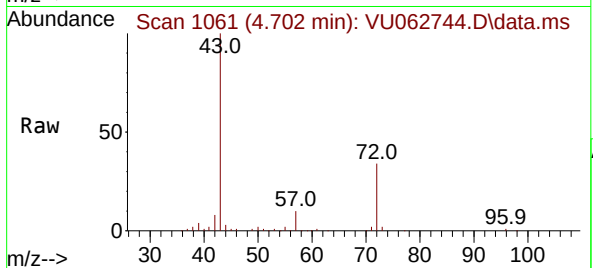
ClientSampleId :

Tgt Ion: 43 Resp: 210974

Ion Ratio Lower Upper

43 100

72 32.7 17.1 51.2



#22

cis-1,2-Dichloroethene

Concen: 4.332 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VU062744.D

Acq: 14 Jan 2025 15:18

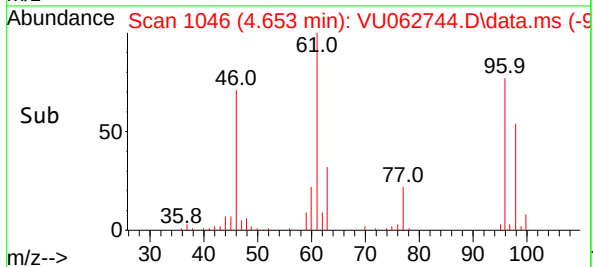
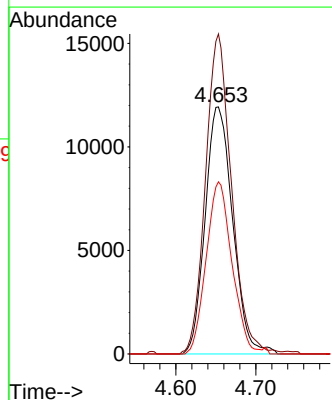
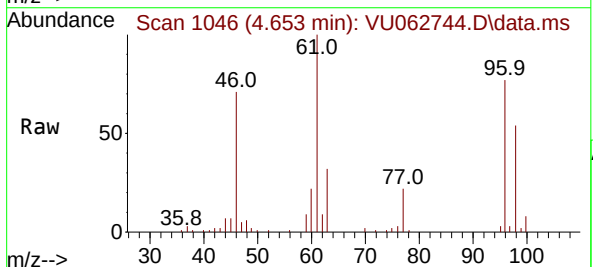
Tgt Ion: 96 Resp: 28610

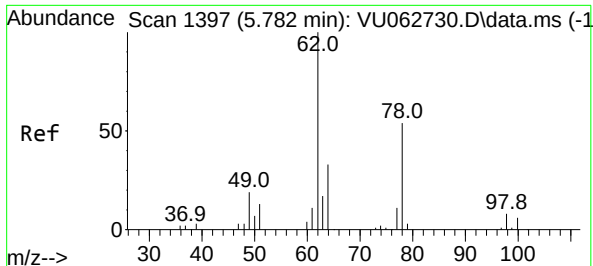
Ion Ratio Lower Upper

96 100

61 129.6 84.8 157.6

98 69.7 43.1 80.1





#27

1,2-Dichloroethane

Concen: 0.439 ug/L

RT: 5.785 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU062744.D

Acq: 14 Jan 2025 15:18

Instrument :

MSVOA_U

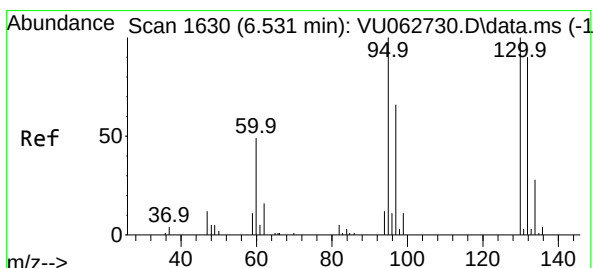
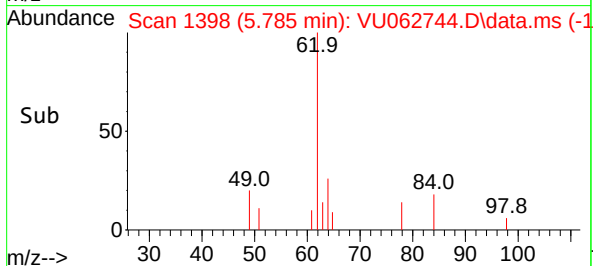
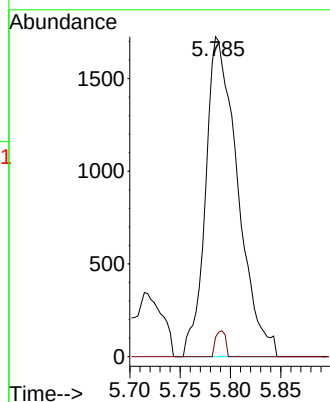
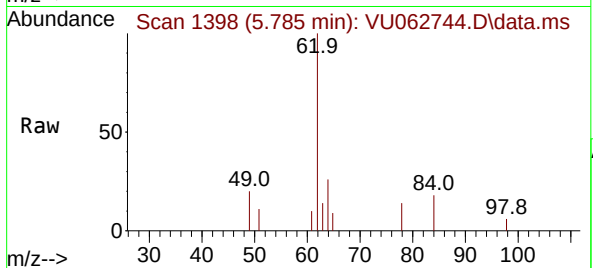
ClientSampleId :

Tgt Ion: 62 Resp: 3827

Ion Ratio Lower Upper

62 100

98 6.1 5.8 8.6



#34

Trichloroethene

Concen: 13.115 ug/L

RT: 6.528 min Scan# 1629

Delta R.T. -0.003 min

Lab File: VU062744.D

Acq: 14 Jan 2025 15:18

Tgt Ion: 95 Resp: 112216

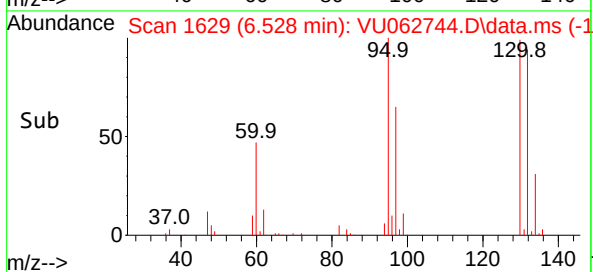
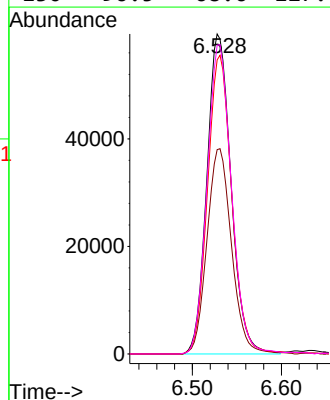
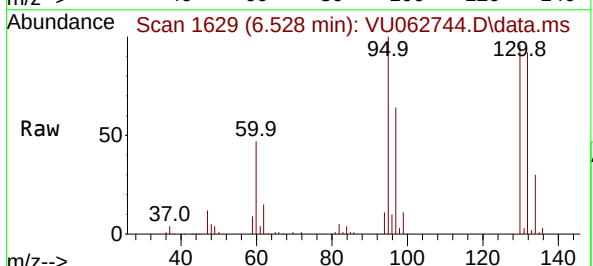
Ion Ratio Lower Upper

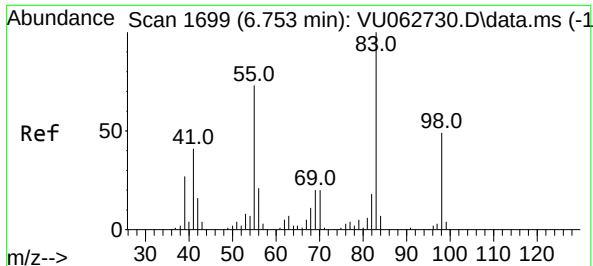
95 100

97 63.8 47.5 88.3

132 91.9 66.9 124.3

130 96.5 68.6 127.4





#35

Methylcyclohexane

Concen: 0.747 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062744.D

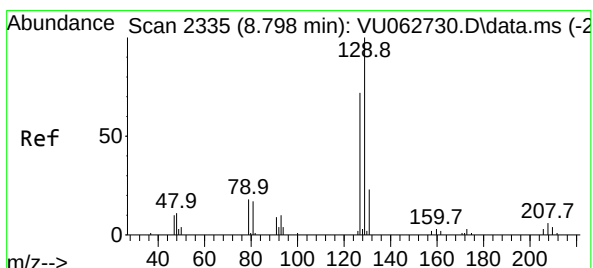
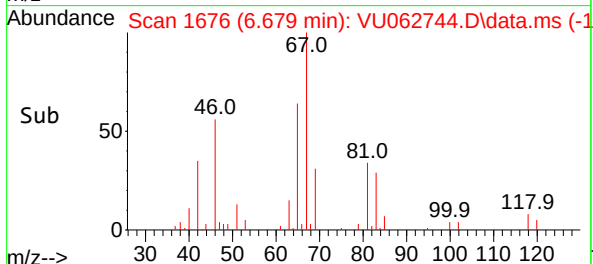
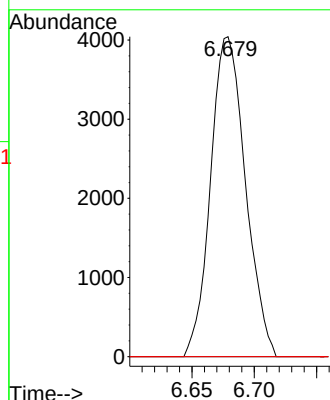
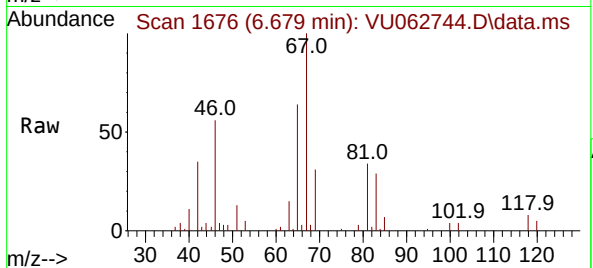
Acq: 14 Jan 2025 15:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	7869
Ion Ratio	Lower	Upper
83	100	
55	0.0	57.2 85.8#
98	0.0	36.6 55.0#



#49

Dibromochloromethane

Concen: 0.226 ug/L

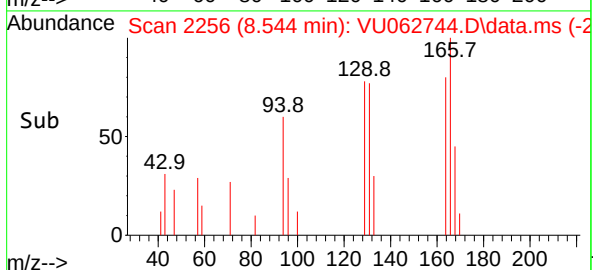
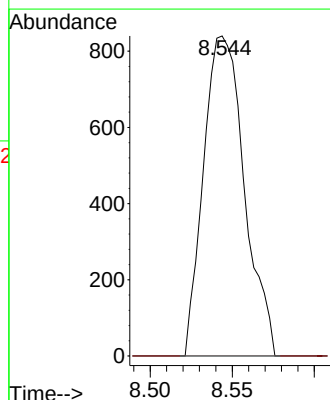
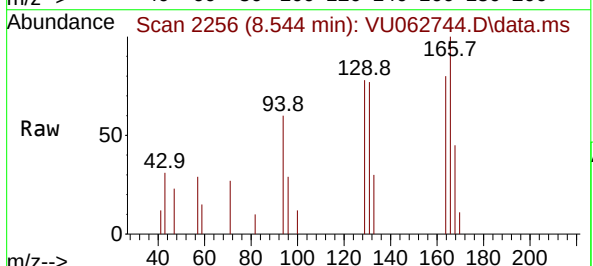
RT: 8.544 min Scan# 2256

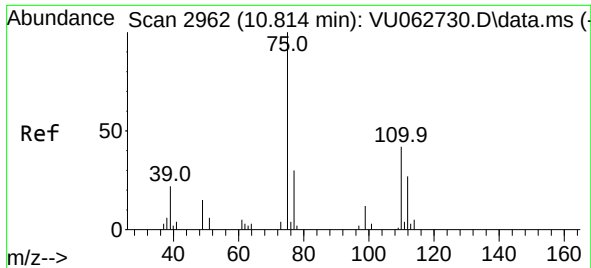
Delta R.T. -0.254 min

Lab File: VU062744.D

Acq: 14 Jan 2025 15:18

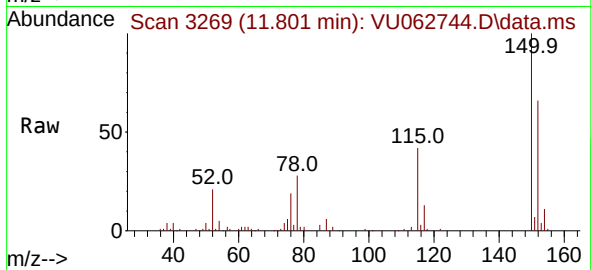
Tgt Ion: 129	Resp:	1454
Ion Ratio	Lower	Upper
129	100	
127	0.0	52.1 96.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.111 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU062744.D
 Acq: 14 Jan 2025 15:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4272
 Ion Ratio Lower Upper
 75 100
 110 0.5 33.2 49.8#
 77 41.7 25.9 38.9#

