

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062746.D
 Acq On : 14 Jan 2025 16:07
 Operator : MD/SY
 Sample : Q1057-14
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

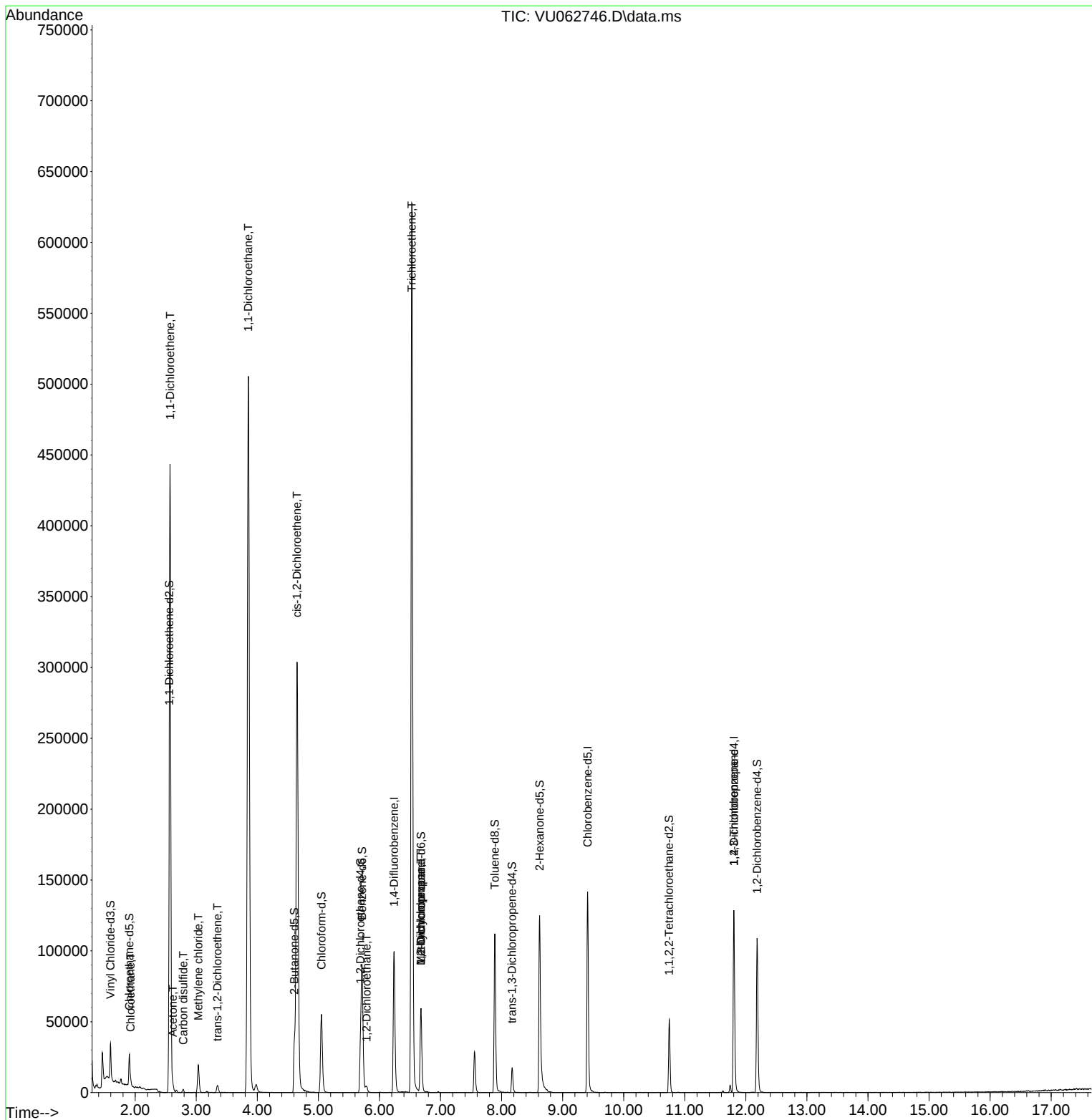
Quant Time: Jan 15 00:36:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

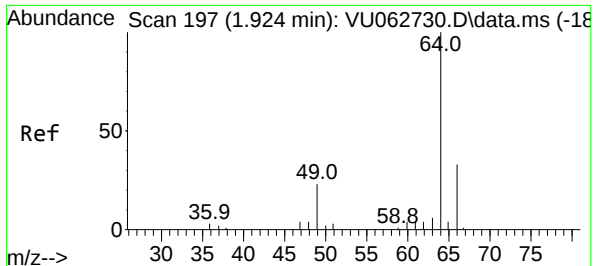
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	83204	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37792	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	16271	3.531	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.904	69	14588	3.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.557	65	9118	3.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.605	46	52225	55.451	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.900%
24) Chloroform-d	5.049	84	51287	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.689	65	30701	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.714	84	86148	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.679	67	25290	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.888	98	78068	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.171	79	11329	4.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.621	63	46137	54.810	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.620%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24483	5.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	31199	4.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
8) Chloroethane	1.924	64	4976	1.383	ug/L #	74
12) 1,1-Dichloroethene	2.570	96	145390	28.148	ug/L #	77
13) Acetone	2.615	43	5153	6.907	ug/L	94
14) Carbon disulfide	2.785	76	3047	0.185	ug/L	100
16) Methylene chloride	3.033	84	10591	1.872	ug/L	94
18) trans-1,2-Dichloroethene	3.348	96	2384	0.431	ug/L	89
19) 1,1-Dichloroethane	3.853	63	566061	57.213	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	166414	27.615	ug/L	98
27) 1,2-Dichloroethane	5.788	62	3692	0.464	ug/L #	94
34) Trichloroethene	6.528	95	218781	28.138	ug/L	98
35) Methylcyclohexane	6.676	83	7370	0.770	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	3370	0.628	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3562	1.063	ug/L #	54

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

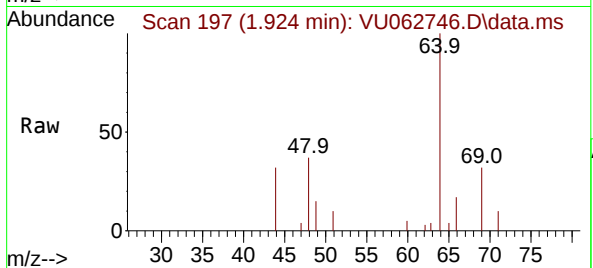
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
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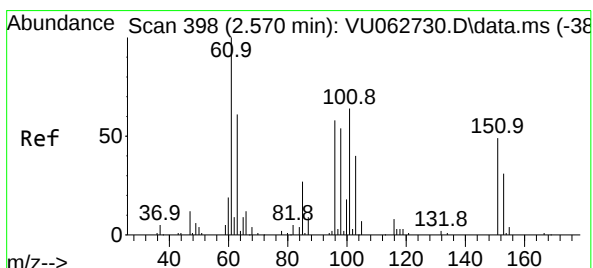
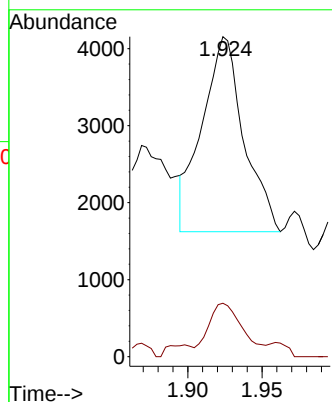
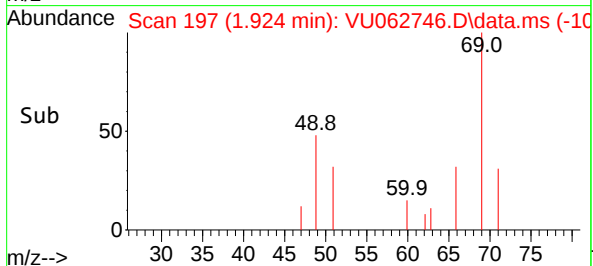


#8
Chloroethane
Concen: 1.383 ug/L
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU062746.D
Acq: 14 Jan 2025 16:07

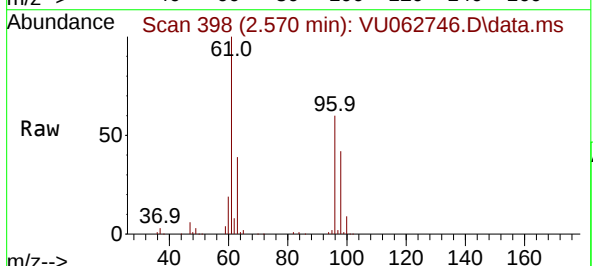
Instrument :
MSVOA_U
ClientSampleId :



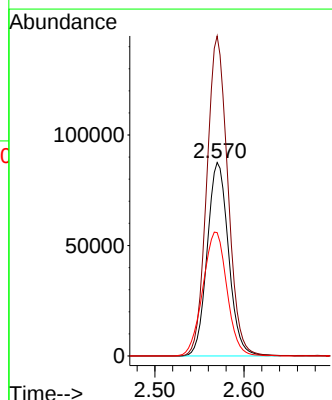
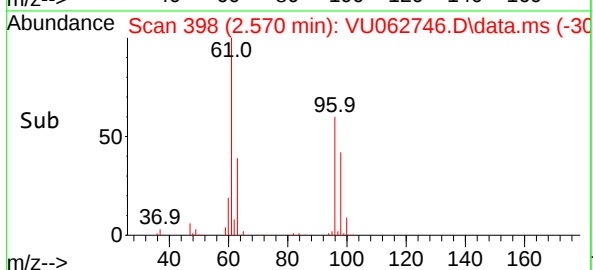
Tgt Ion: 64 Resp: 4976
Ion Ratio Lower Upper
64 100
66 16.7 21.6 40.2#

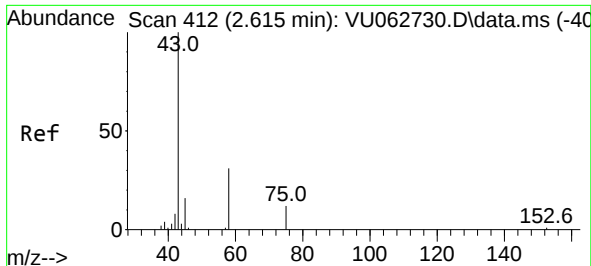


#12
1,1-Dichloroethene
Concen: 28.148 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU062746.D
Acq: 14 Jan 2025 16:07



Tgt Ion: 96 Resp: 145390
Ion Ratio Lower Upper
96 100
61 165.4 120.4 223.6
63 63.7 82.3 152.9#





#13

Acetone

Concen: 6.907 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.000 min

Lab File: VU062746.D

Acq: 14 Jan 2025 16:07

Instrument :

MSVOA_U

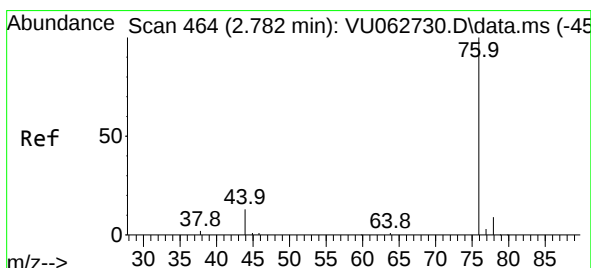
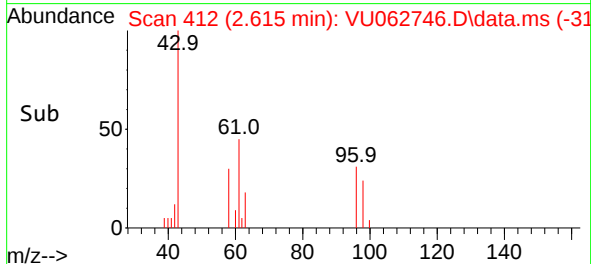
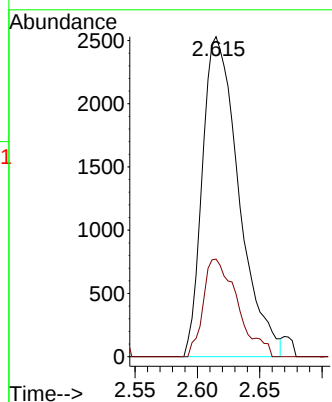
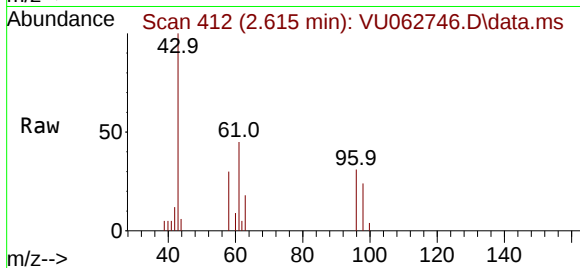
ClientSampleId :

Tgt Ion: 43 Resp: 5153

Ion Ratio Lower Upper

43 100

58 28.7 0.0 64.4



#14

Carbon disulfide

Concen: 0.185 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.003 min

Lab File: VU062746.D

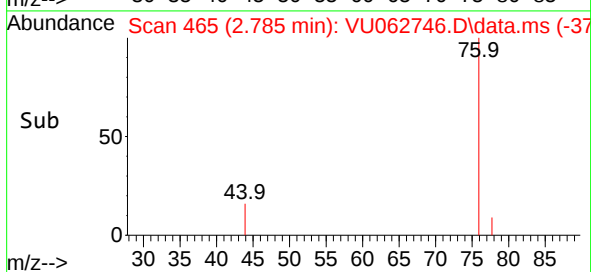
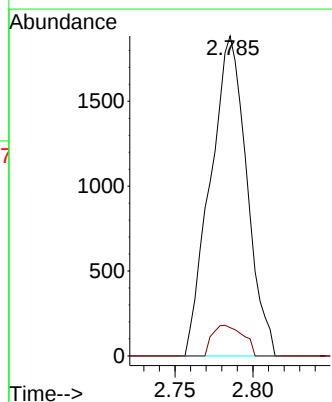
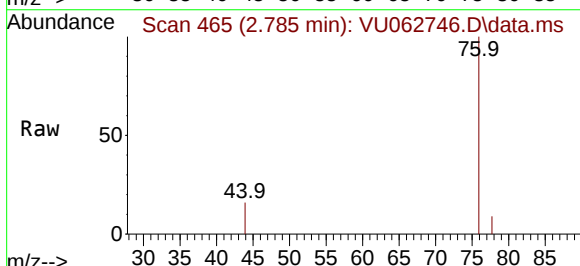
Acq: 14 Jan 2025 16:07

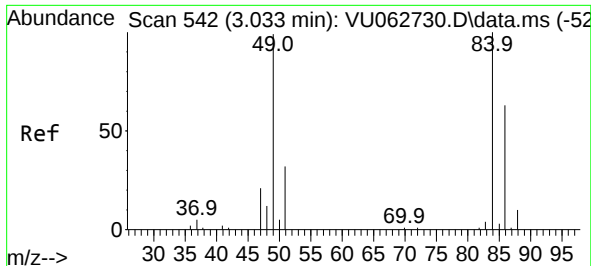
Tgt Ion: 76 Resp: 3047

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

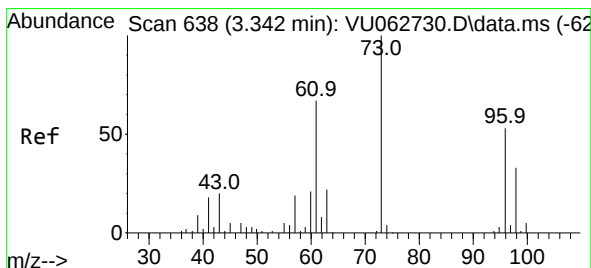
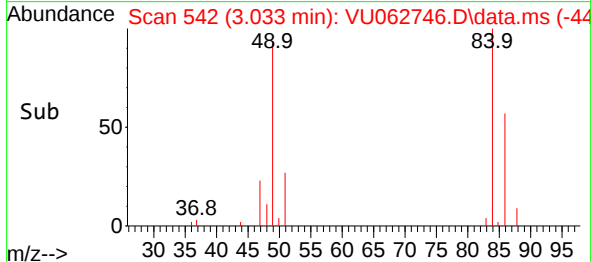
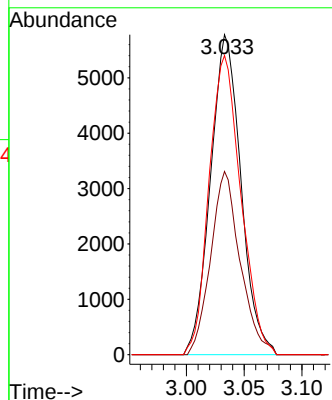
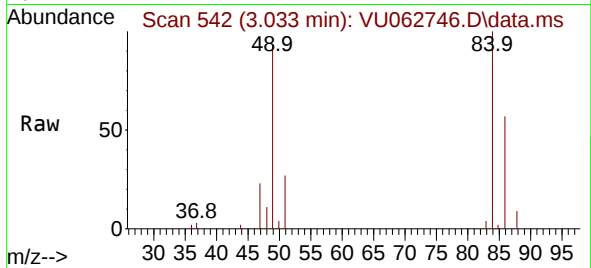




#16
Methylene chloride
Concen: 1.872 ug/L
RT: 3.033 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU062746.D
Acq: 14 Jan 2025 16:07

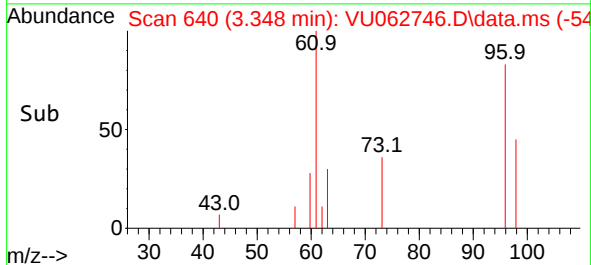
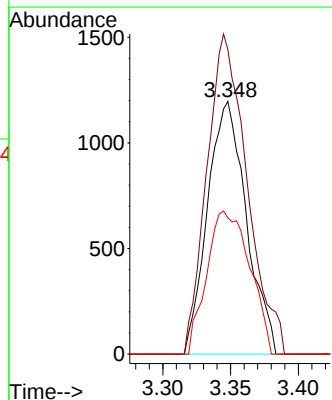
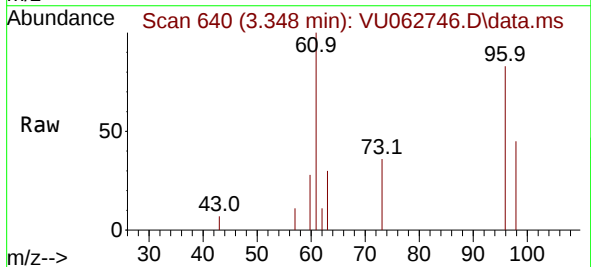
Instrument :
MSVOA_U
ClientSampleId :

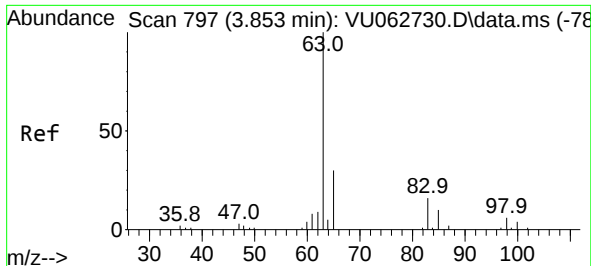
Tgt Ion: 84 Resp: 10591
Ion Ratio Lower Upper
84 100
86 57.2 44.7 83.1
49 93.5 68.3 126.9



#18
trans-1,2-Dichloroethene
Concen: 0.431 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU062746.D
Acq: 14 Jan 2025 16:07

Tgt Ion: 96 Resp: 2384
Ion Ratio Lower Upper
96 100
61 120.6 94.4 175.2
98 53.9 42.8 79.4





#19

1,1-Dichloroethane

Concen: 57.213 ug/L

RT: 3.853 min Scan# 797

Delta R.T. 0.000 min

Lab File: VU062746.D

Acq: 14 Jan 2025 16:07

Instrument :

MSVOA_U

ClientSampleId :

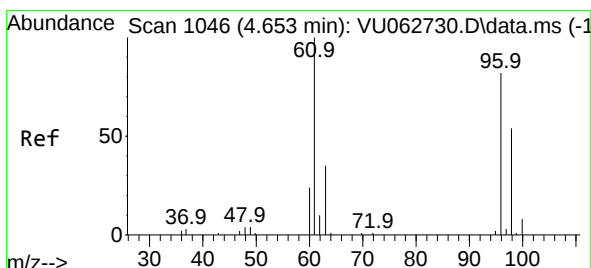
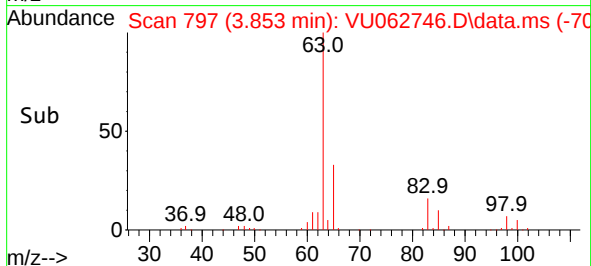
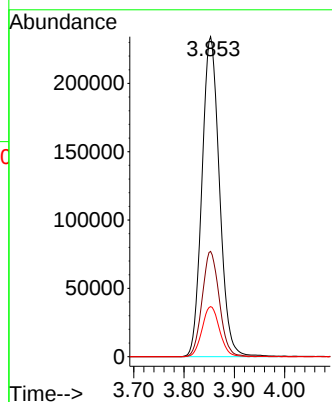
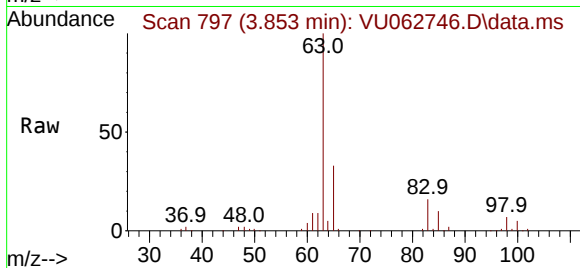
Tgt Ion: 63 Resp: 566061

Ion Ratio Lower Upper

63 100

65 32.9 20.7 38.5

83 15.6 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 27.615 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU062746.D

Acq: 14 Jan 2025 16:07

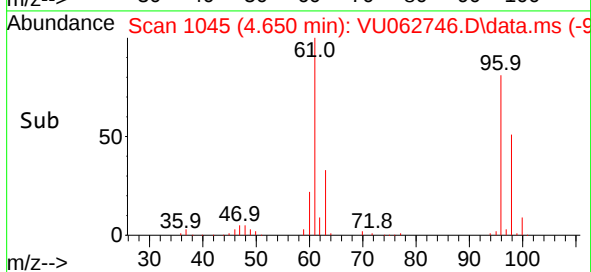
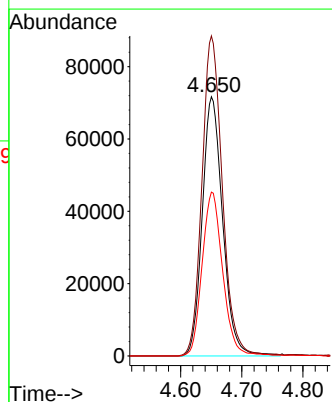
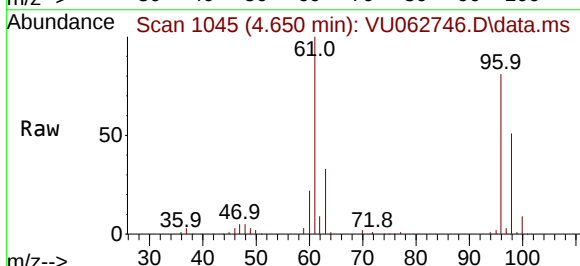
Tgt Ion: 96 Resp: 166414

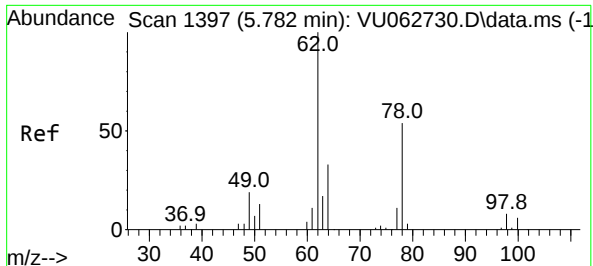
Ion Ratio Lower Upper

96 100

61 123.4 84.8 157.6

98 63.2 43.1 80.1





#27

1,2-Dichloroethane

Concen: 0.464 ug/L

RT: 5.788 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU062746.D

Acq: 14 Jan 2025 16:07

Instrument :

MSVOA_U

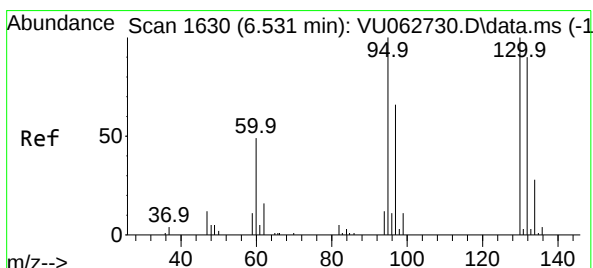
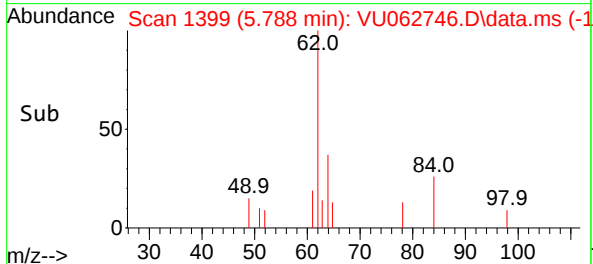
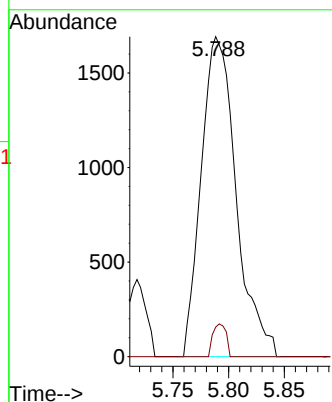
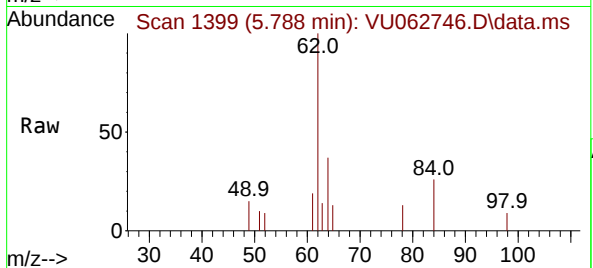
ClientSampleId :

Tgt Ion: 62 Resp: 3692

Ion Ratio Lower Upper

62 100

98 9.2 5.8 8.6#



#34

Trichloroethene

Concen: 28.138 ug/L

RT: 6.528 min Scan# 1629

Delta R.T. -0.003 min

Lab File: VU062746.D

Acq: 14 Jan 2025 16:07

Tgt Ion: 95 Resp: 218781

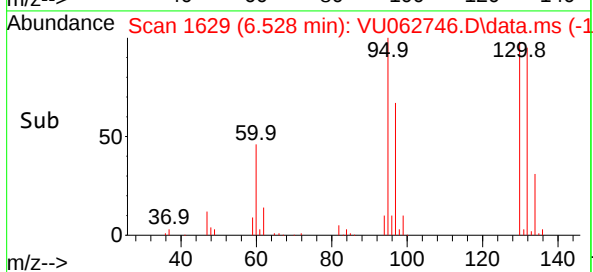
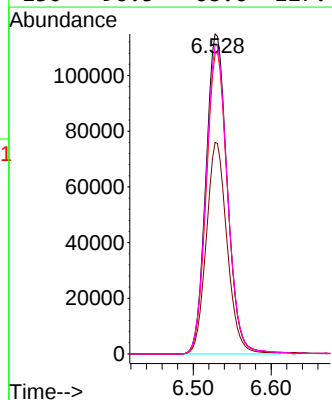
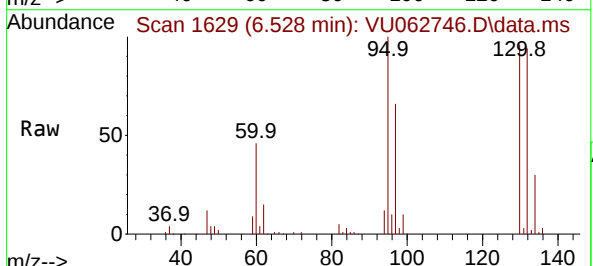
Ion Ratio Lower Upper

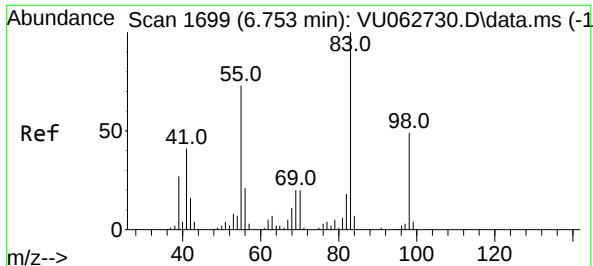
95 100

97 66.1 47.5 88.3

132 93.7 66.9 124.3

130 96.5 68.6 127.4





#35

Methylcyclohexane

Concen: 0.770 ug/L

RT: 6.676 min Scan# 1675

Delta R.T. -0.077 min

Lab File: VU062746.D

Acq: 14 Jan 2025 16:07

Instrument :

MSVOA_U

ClientSampleId :

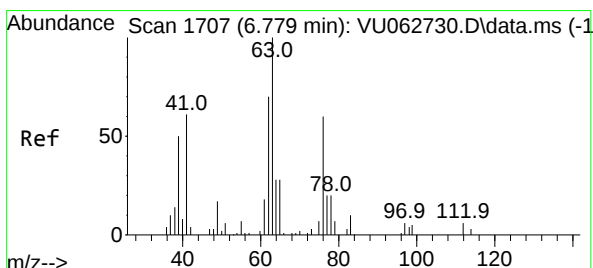
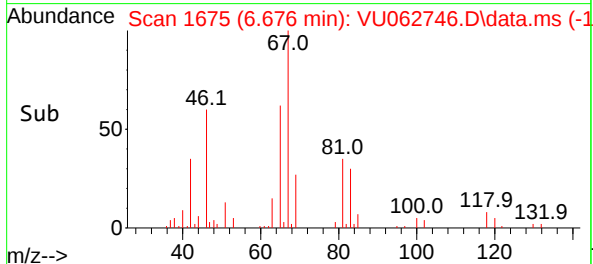
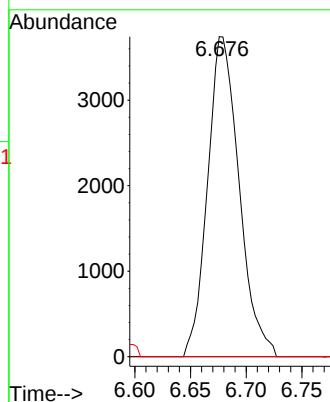
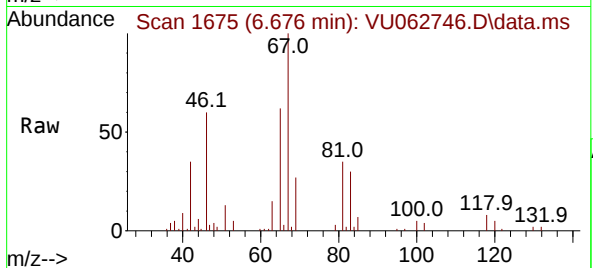
Tgt Ion: 83 Resp: 7370

Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 0.0 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.628 ug/L

RT: 6.676 min Scan# 1675

Delta R.T. -0.103 min

Lab File: VU062746.D

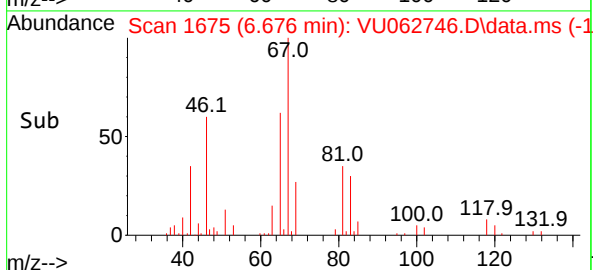
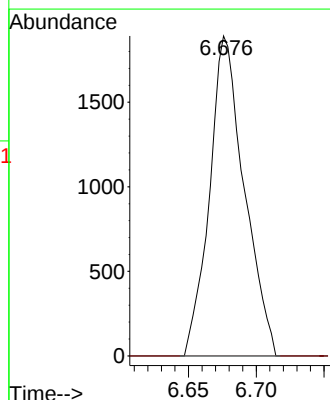
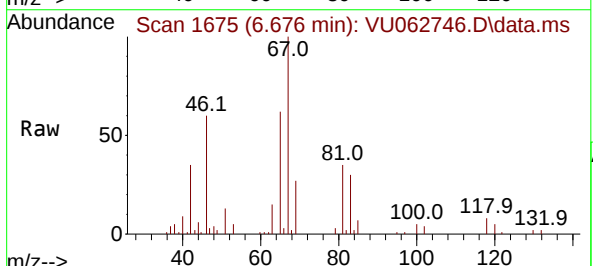
Acq: 14 Jan 2025 16:07

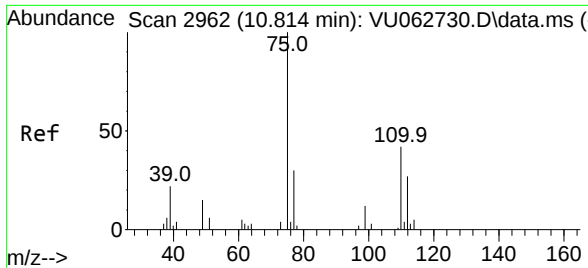
Tgt Ion: 63 Resp: 3370

Ion Ratio Lower Upper

63 100

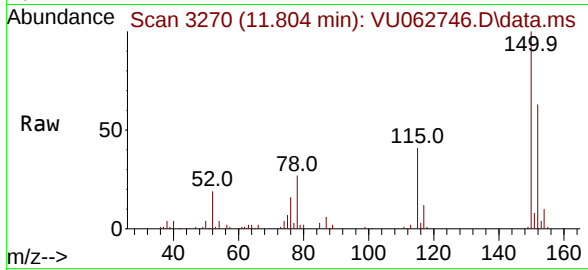
112 0.0 3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.063 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062746.D
 Acq: 14 Jan 2025 16:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	3562
Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	43.5	25.9	38.9#

