

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
 Data File : VU057551.D
 Acq On : 17 Jan 2024 19:53
 Operator : MD/SY
 Sample : P1120-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:12:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 01:10:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	216691	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	227756	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106909	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	108810	4.949	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.914	69	90366	5.283	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.563	65	48031	5.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.400%
20) 2-Butanone-d5	4.637	46	147534	35.477	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.960%
24) Chloroform-d	5.055	84	179082	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.695	65	88326	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.721	84	309413	3.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.685	67	106439	4.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.894	98	236676	3.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	8.174	79	32654	3.627	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.631	63	92377	28.335	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	56.680%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	95452	5.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	102909	4.793	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%

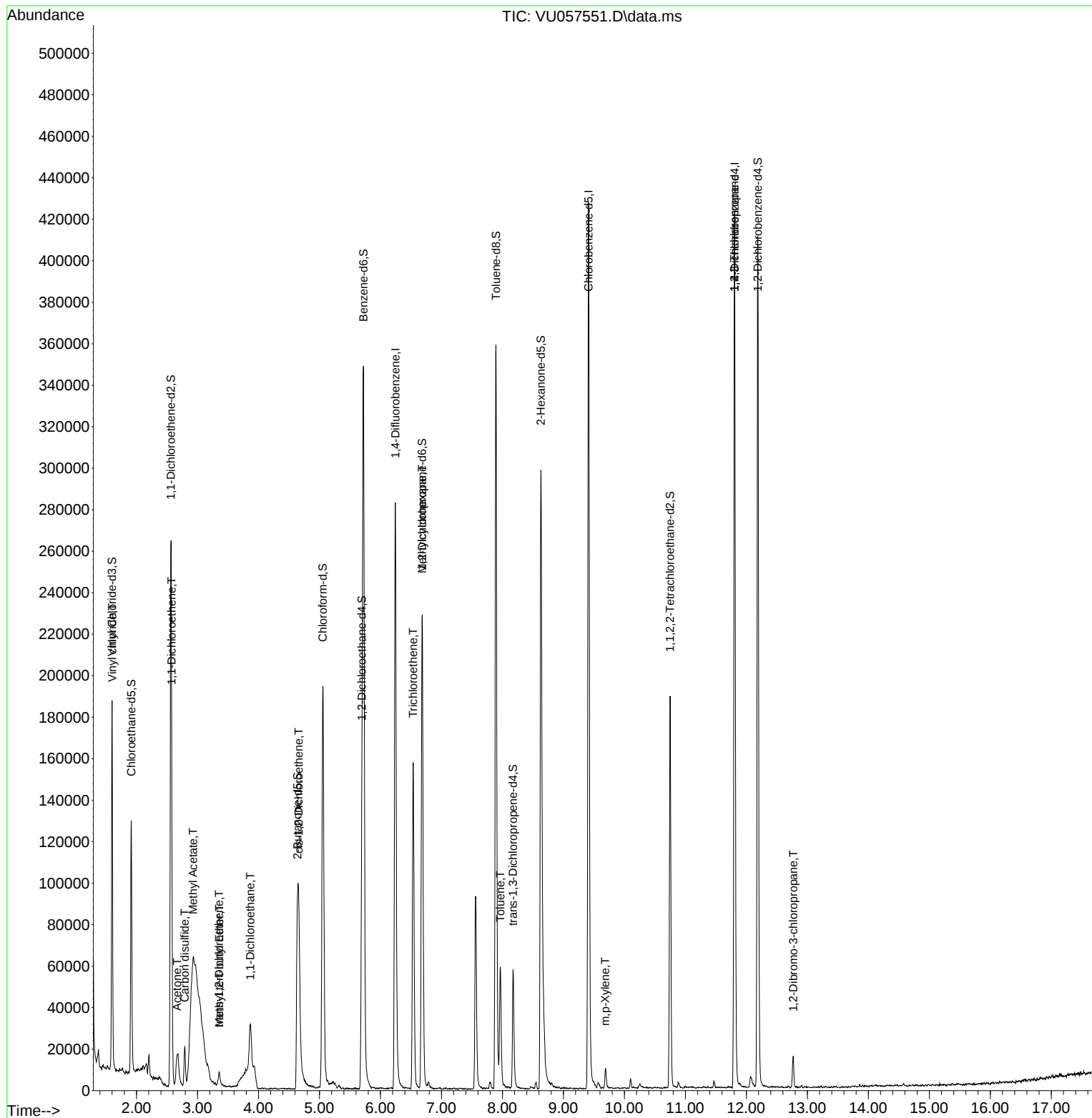
Target Compounds				Qvalue		
5) Vinyl chloride	1.602	62	22922	1.402	ug/L #	80
12) 1,1-Dichloroethene	2.576	96	14156	1.118	ug/L #	1
13) Acetone	2.666	43	29686	11.875	ug/L	91
14) Carbon disulfide	2.792	76	25577	0.723	ug/L	99
15) Methyl Acetate	2.927	43	41081	7.269	ug/L #	52
17) Methyl tert-butyl Ether	3.358	73	3903	0.124	ug/L #	86
18) trans-1,2-Dichloroethene	3.354	96	1347	0.107	ug/L #	63
19) 1,1-Dichloroethane	3.866	63	23669	0.835	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	22196	1.517	ug/L	94
34) Trichloroethene	6.537	95	54961	3.127	ug/L	94
35) Methylcyclohexane	6.682	83	24069	1.030	ug/L #	16
42) Toluene	7.965	91	42419	0.643	ug/L	95
53) m,p-Xylene	9.685	106	2598	0.106	ug/L	94
61) 1,2,3-Trichloropropane	11.804	75	14954	1.495	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.769	75	480	0.250	ug/L #	10

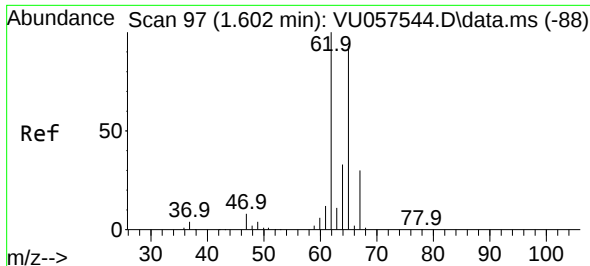
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

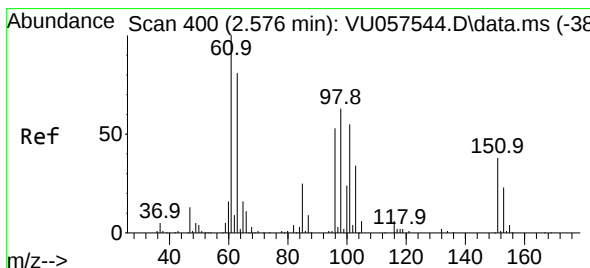
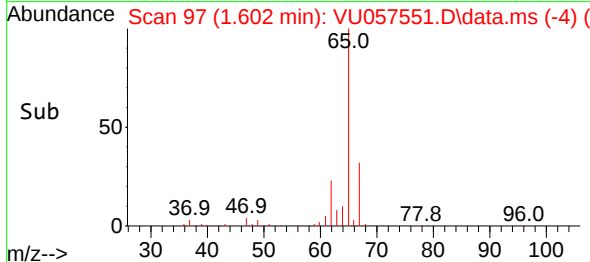
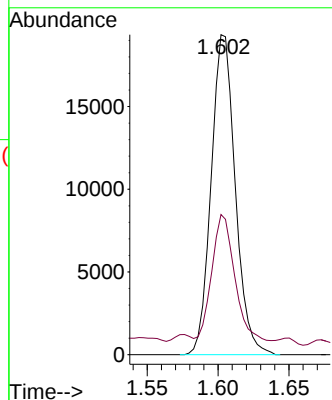
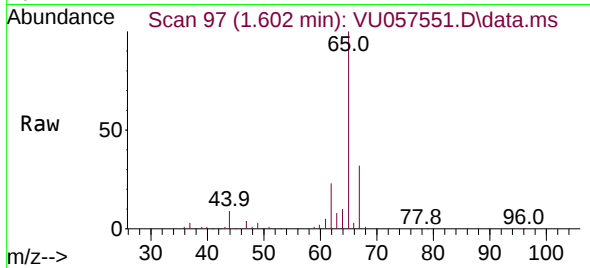




#5
 Vinyl chloride
 Concen: 1.402 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU057551.D
 Acq: 17 Jan 2024 19:53

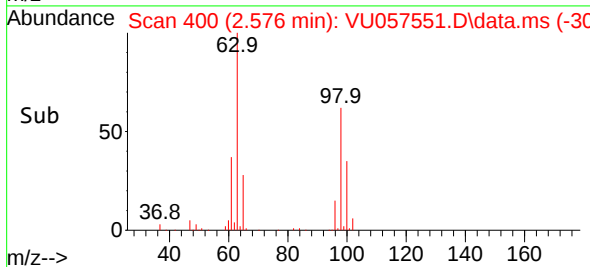
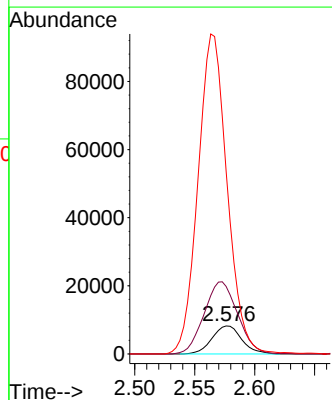
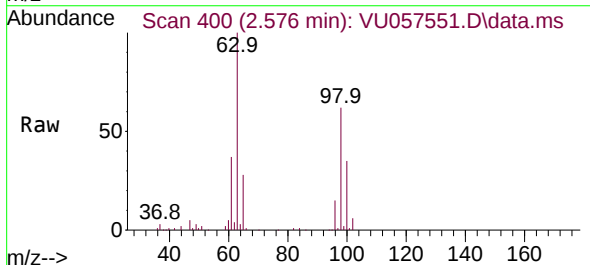
Instrument :
 MSVOA_U
 ClientSampleId :

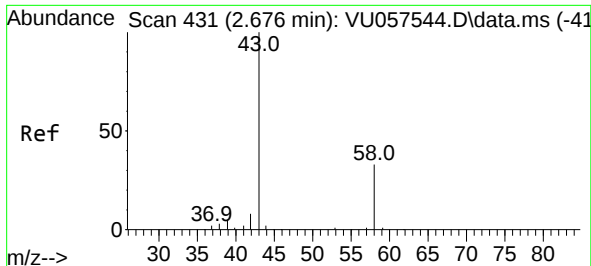
Tgt Ion: 62 Resp: 22922
 Ion Ratio Lower Upper
 62 100
 64 43.8 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 1.118 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU057551.D
 Acq: 17 Jan 2024 19:53

Tgt Ion: 96 Resp: 14156
 Ion Ratio Lower Upper
 96 100
 61 240.5 130.9 243.1
 63 651.7 114.8 213.2#





#13

Acetone

Concen: 11.875 ug/L

RT: 2.666 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU057551.D

Acq: 17 Jan 2024 19:53

Instrument :

MSVOA_U

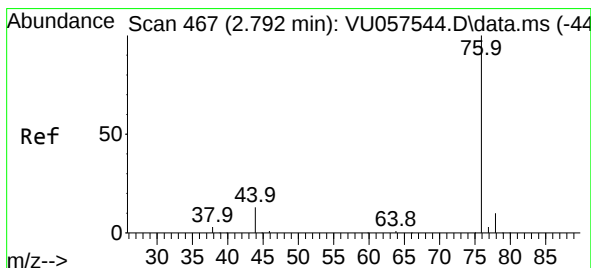
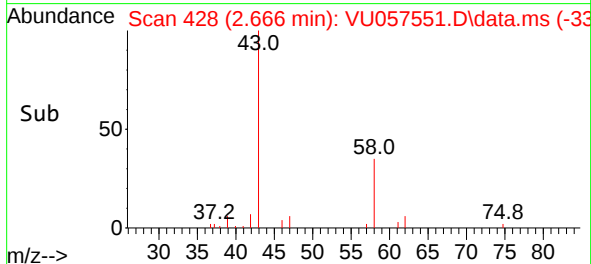
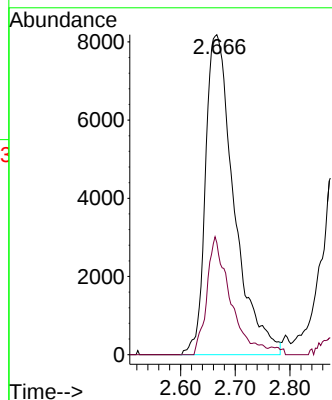
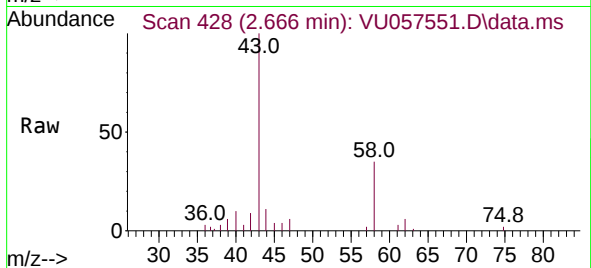
ClientSampleId :

Tgt Ion: 43 Resp: 29686

Ion Ratio Lower Upper

43 100

58 28.8 0.0 67.8



#14

Carbon disulfide

Concen: 0.723 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU057551.D

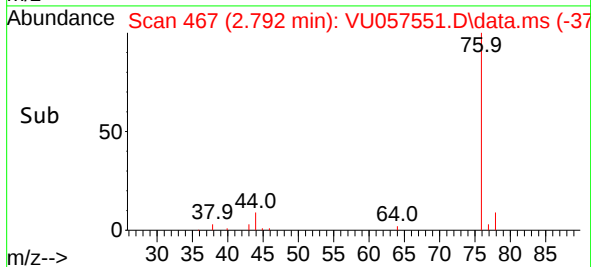
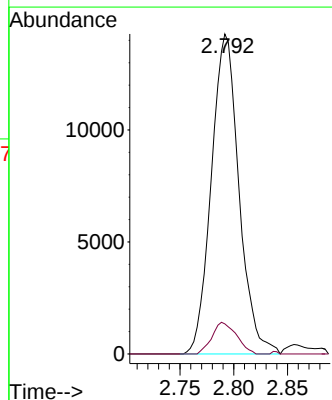
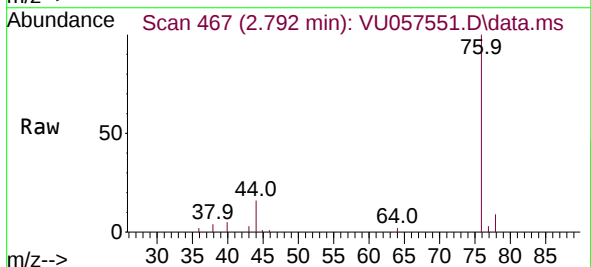
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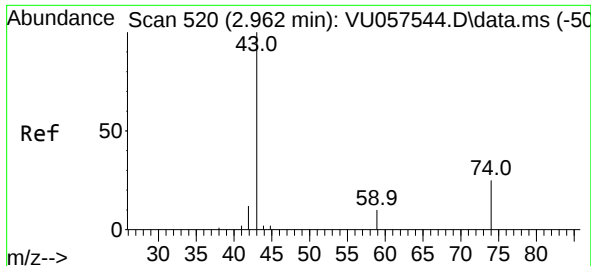
Tgt Ion: 76 Resp: 25577

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

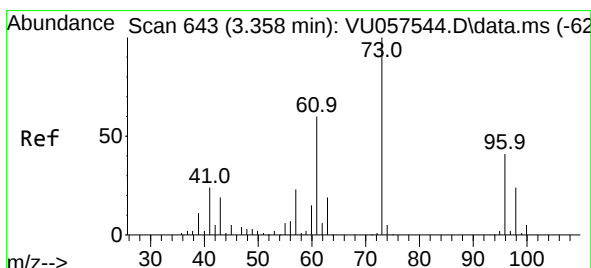
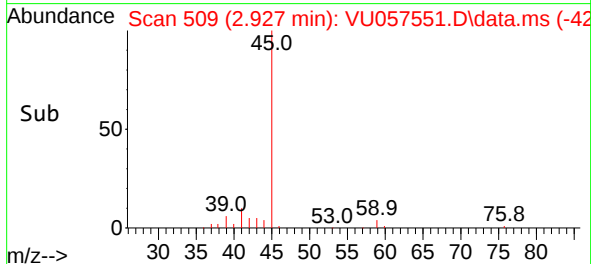
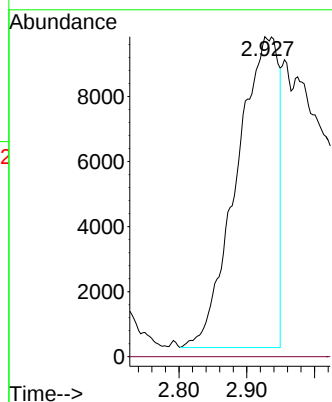
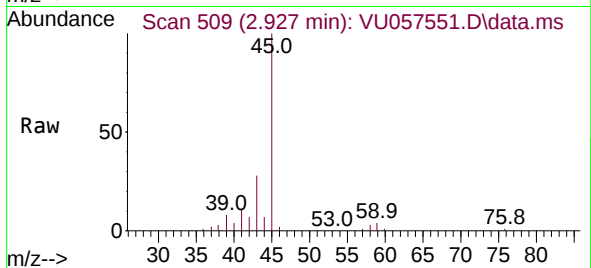




#15
Methyl Acetate
Concen: 7.269 ug/L
RT: 2.927 min Scan# 509
Delta R.T. -0.035 min
Lab File: VU057551.D
Acq: 17 Jan 2024 19:53

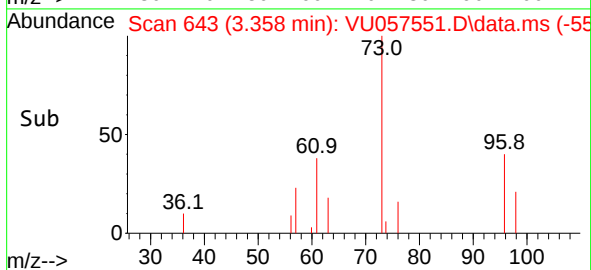
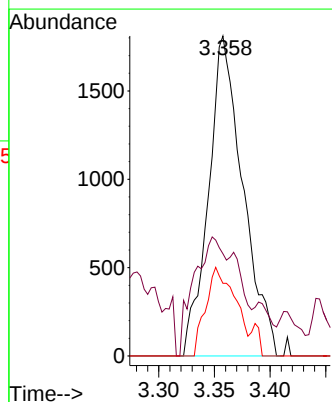
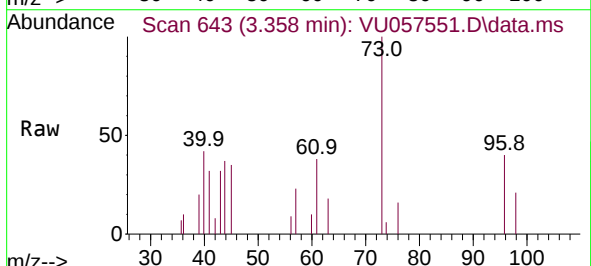
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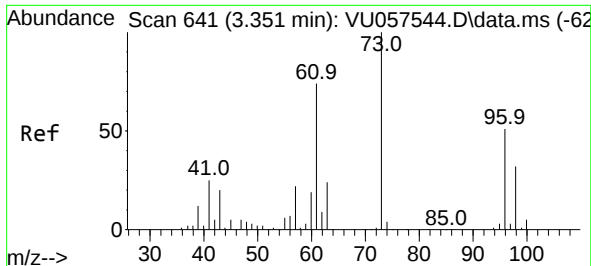
Tgt Ion: 43 Resp: 41081
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#17
Methyl tert-butyl Ether
Concen: 0.124 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057551.D
Acq: 17 Jan 2024 19:53

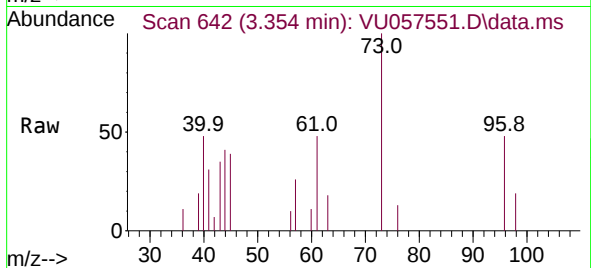
Tgt Ion: 73 Resp: 3903
Ion Ratio Lower Upper
73 100
43 32.9 16.1 24.1#
57 23.6 18.2 27.4



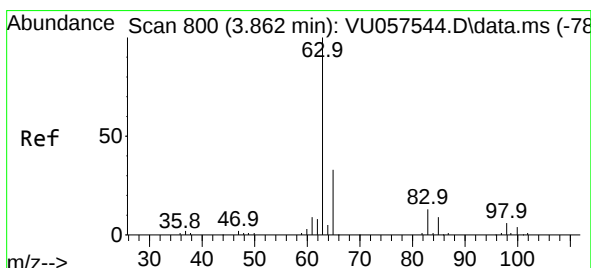
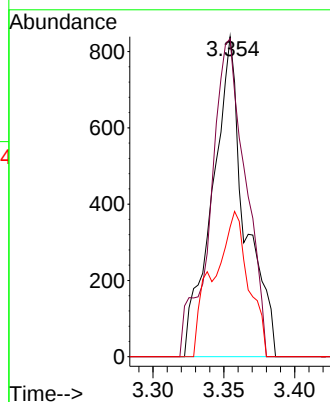
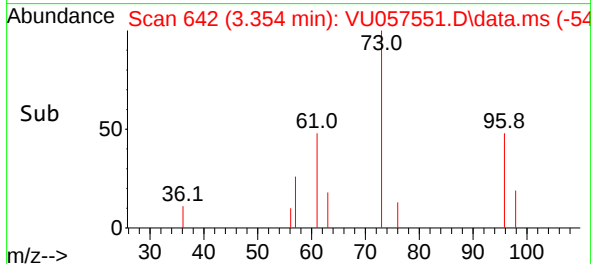


#18
trans-1,2-Dichloroethene
Concen: 0.107 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057551.D
Acq: 17 Jan 2024 19:53

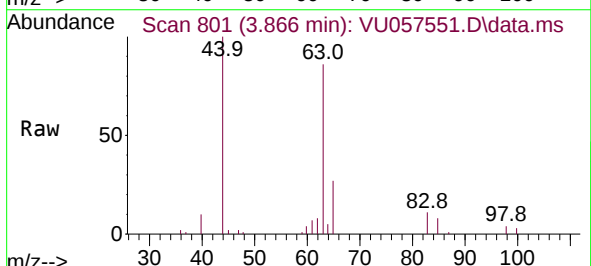
Instrument :
MSVOA_U
ClientSampleId :



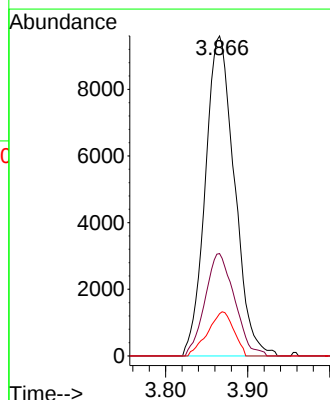
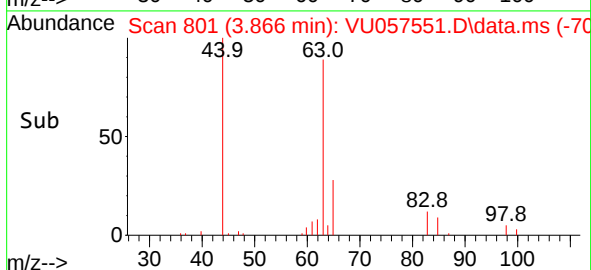
Tgt Ion: 96 Resp: 1347
Ion Ratio Lower Upper
96 100
61 99.4 105.1 195.3#
98 40.5 43.7 81.1#

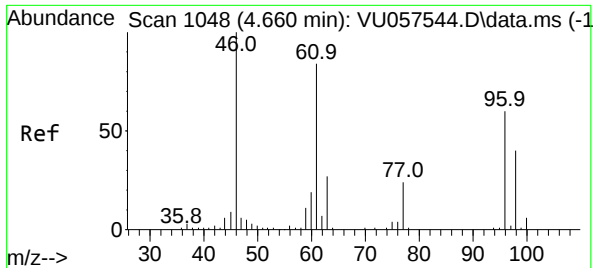


#19
1,1-Dichloroethane
Concen: 0.835 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU057551.D
Acq: 17 Jan 2024 19:53



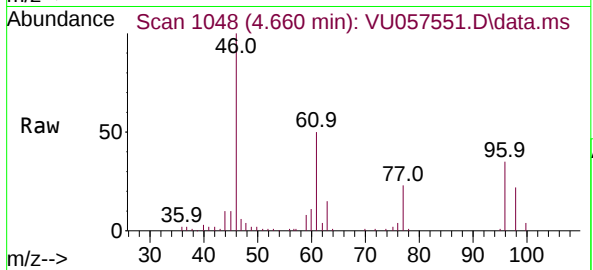
Tgt Ion: 63 Resp: 23669
Ion Ratio Lower Upper
63 100
65 32.0 22.3 41.3
83 13.2 9.1 16.9



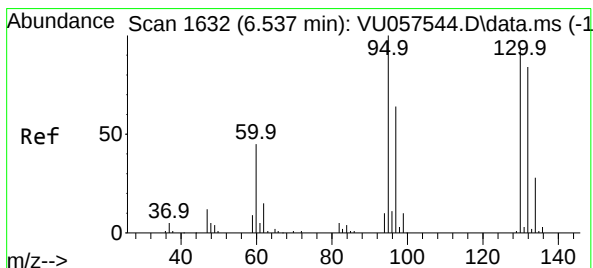
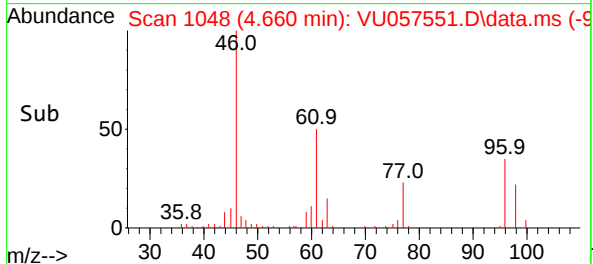
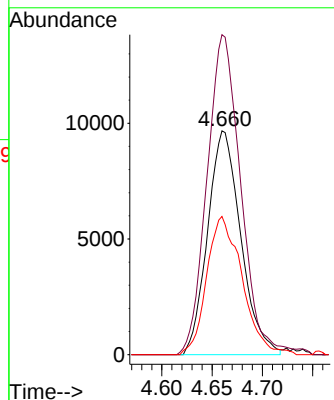


#22
 cis-1,2-Dichloroethene
 Concen: 1.517 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057551.D
 Acq: 17 Jan 2024 19:53

Instrument :
 MSVOA_U
 ClientSampleId :

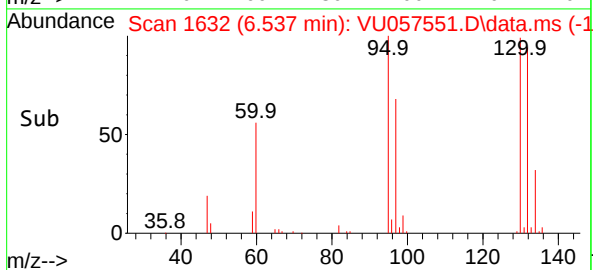
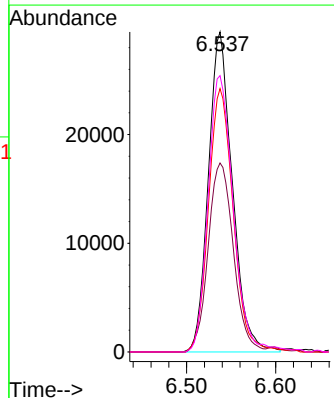
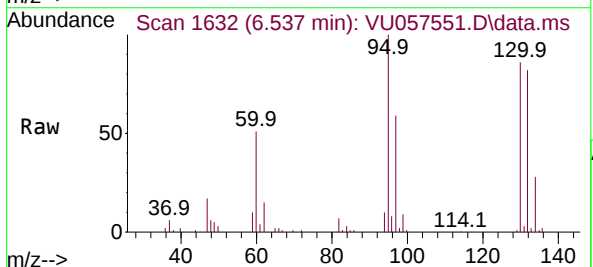


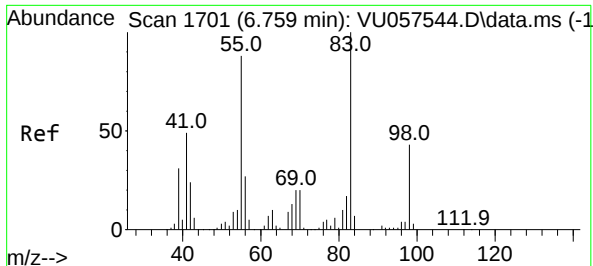
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 Ion Ratio Lower Upper
 96 100
 61 143.0 93.4 173.4
 98 61.8 44.9 83.3



#34
 Trichloroethene
 Concen: 3.127 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU057551.D
 Acq: 17 Jan 2024 19:53

Tgt Ion: 95 Resp: 54961
 Ion Ratio Lower Upper
 95 100
 97 59.0 45.0 83.6
 132 82.3 61.7 114.5
 130 86.3 63.1 117.3

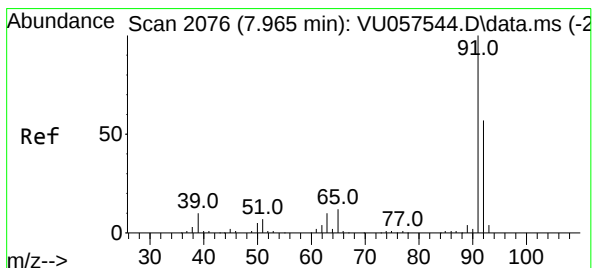
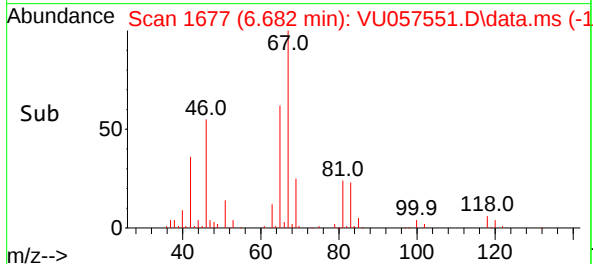
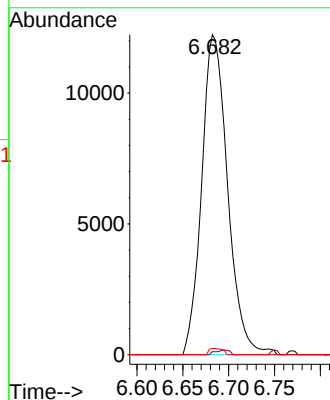
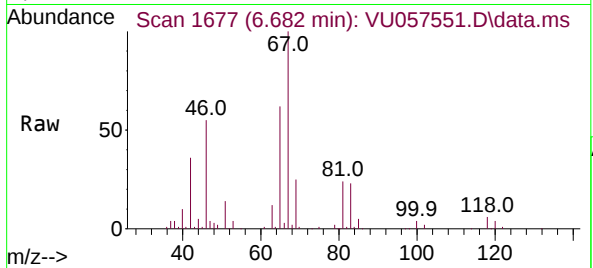




#35
Methylcyclohexane
Concen: 1.030 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU057551.D
Acq: 17 Jan 2024 19:53

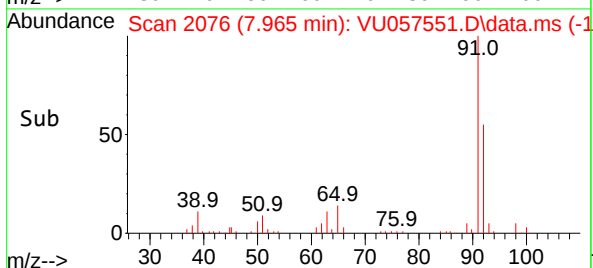
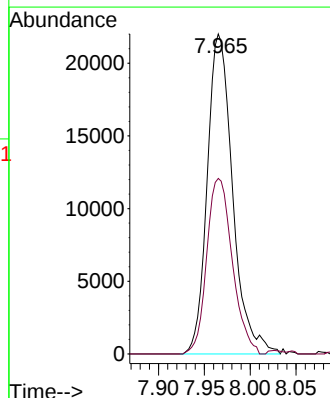
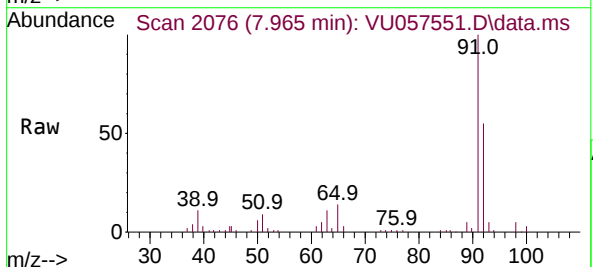
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MSVOA_U
ClientSampleId :

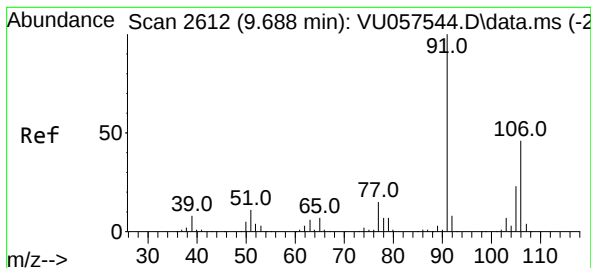
Tgt Ion: 83 Resp: 24069
Ion Ratio Lower Upper
83 100
55 0.8 68.7 103.1#
98 1.0 36.3 54.5#



#42
Toluene
Concen: 0.643 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU057551.D
Acq: 17 Jan 2024 19:53

Tgt Ion: 91 Resp: 42419
Ion Ratio Lower Upper
91 100
92 54.9 41.2 76.4





#53

m,p-Xylene

Concen: 0.106 ug/L

RT: 9.685 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU057551.D

Acq: 17 Jan 2024 19:53

Instrument :

MSVOA_U

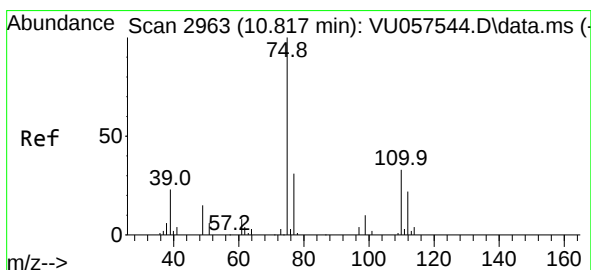
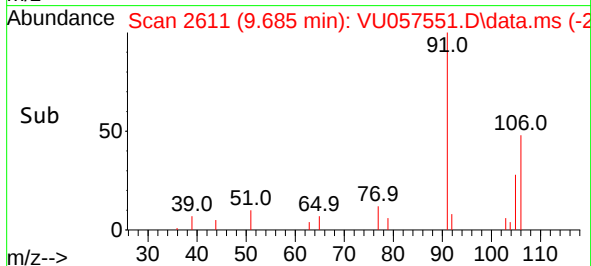
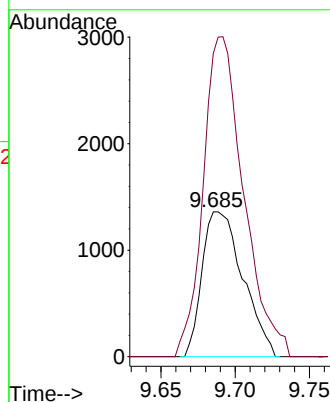
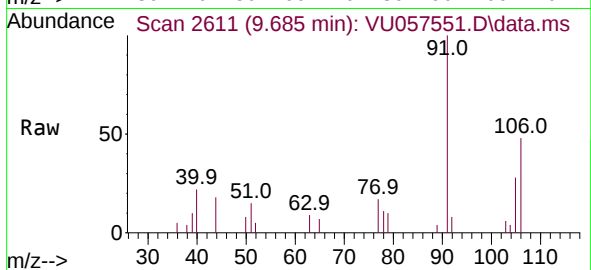
ClientSampleId :

Tgt Ion:106 Resp: 2598

Ion Ratio Lower Upper

106 100

91 209.5 153.4 285.0



#61

1,2,3-Trichloropropane

Concen: 1.495 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU057551.D

Acq: 17 Jan 2024 19:53

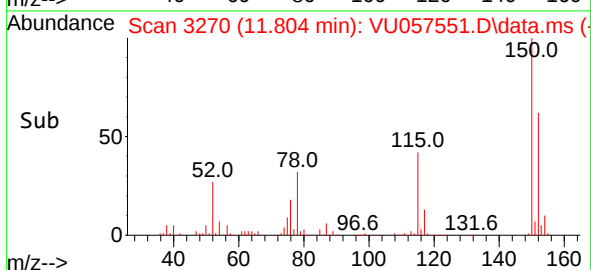
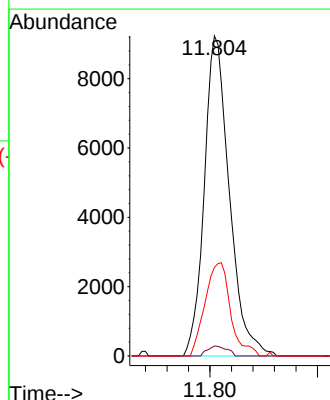
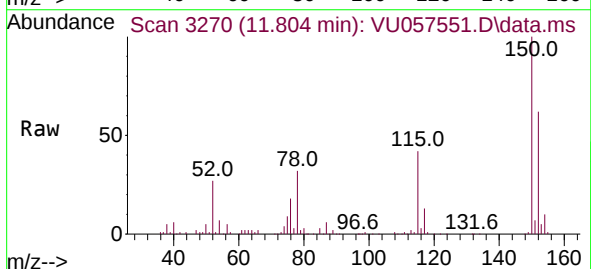
Tgt Ion: 75 Resp: 14954

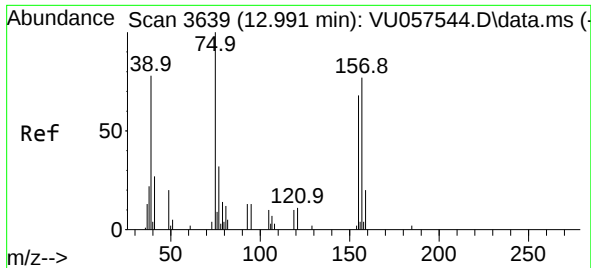
Ion Ratio Lower Upper

75 100

110 2.4 29.4 44.0#

77 29.5 26.2 39.4





#68

1,2-Dibromo-3-chloropropane

Concen: 0.250 ug/L

RT: 12.769 min Scan# 31

Delta R.T. -0.222 min

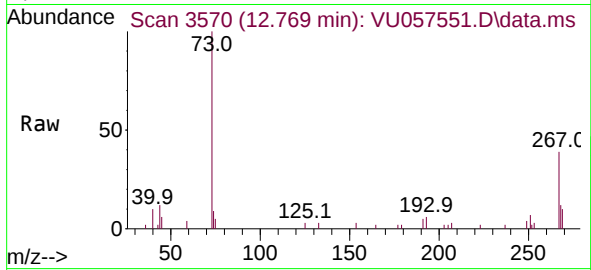
Lab File: VU057551.D

Acq: 17 Jan 2024 19:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 480

Ion Ratio Lower Upper

75 100

155 0.0 55.4 83.0#

157 0.0 68.6 102.8#

