

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057527.D
 Acq On : 15 Jan 2024 14:12
 Operator : MD/SY
 Sample : P1120-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:35:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

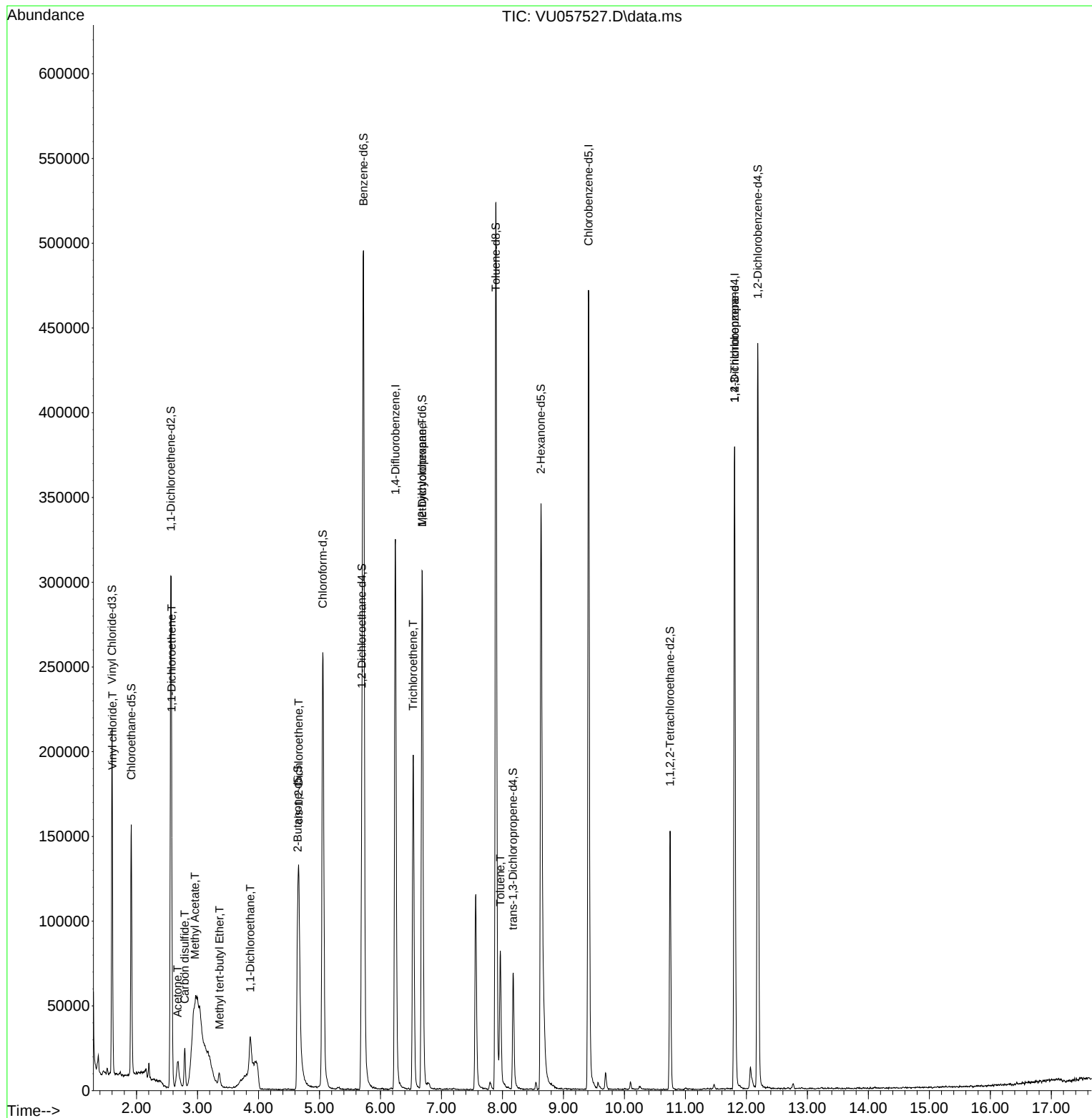
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	261095	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	266289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99319	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	129157	4.876	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.600%	
7) Chloroethane-d5	1.914	69	112325	5.449	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.000%	
11) 1,1-Dichloroethene-d2	2.563	65	56798	5.070	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.400%	
20) 2-Butanone-d5	4.644	46	185293	36.979	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	73.960%	
24) Chloroform-d	5.055	84	246773	5.392	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.800%	
26) 1,2-Dichloroethane-d4	5.695	65	117419	5.327	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.600%	
32) Benzene-d6	5.721	84	467652	4.815	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
36) 1,2-Dichloropropane-d6	6.685	67	148228	4.895	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.000%	
41) Toluene-d8	7.891	98	356272	4.345	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
43) trans-1,3-Dichloroprop...	8.174	79	41757	3.967	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.400%	
46) 2-Hexanone-d5	8.630	63	115557	30.316	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	60.640%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73376	3.587	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	71.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	114368	5.734	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.605	62	21798	1.107	ug/L #	74
12) 1,1-Dichloroethene	2.576	96	14259	0.935	ug/L #	1
13) Acetone	2.673	43	27818	9.235	ug/L	92
14) Carbon disulfide	2.791	76	29957	0.703	ug/L #	94
15) Methyl Acetate	2.959	43	1819	0.267	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	4679	0.124	ug/L #	86
19) 1,1-Dichloroethane	3.865	63	22951	0.672	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	31863	1.808	ug/L	94
34) Trichloroethene	6.537	95	72375	3.522	ug/L	99
35) Methylcyclohexane	6.685	83	35378	1.295	ug/L #	15
42) Toluene	7.965	91	58010	0.752	ug/L	99
61) 1,2,3-Trichloropropane	11.807	75	13289	1.430	ug/L #	67

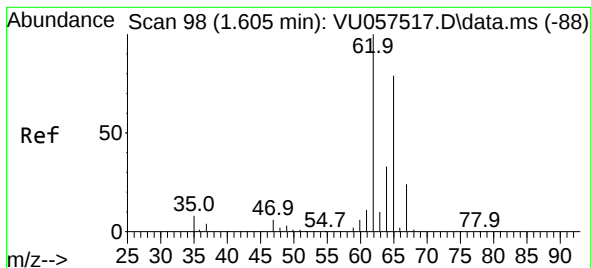
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.107 ug/L

RT: 1.605 min Scan# 98

Delta R.T. 0.000 min

Lab File: VU057527.D

Acq: 15 Jan 2024 14:12

Instrument :

MSVOA_U

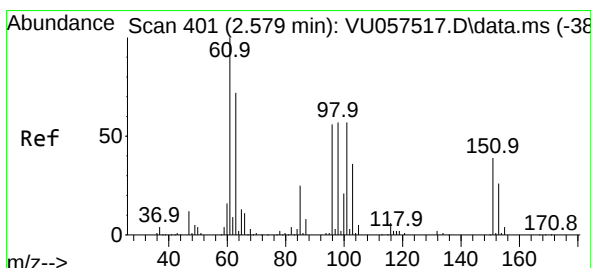
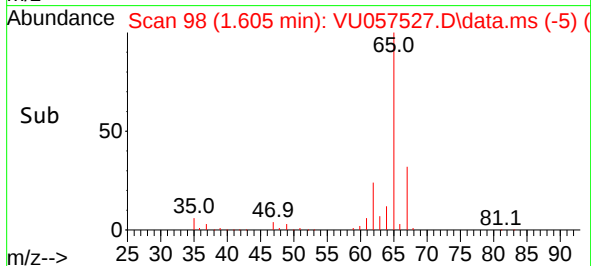
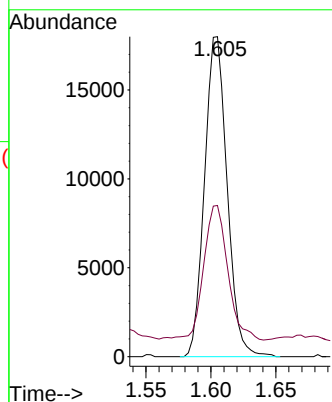
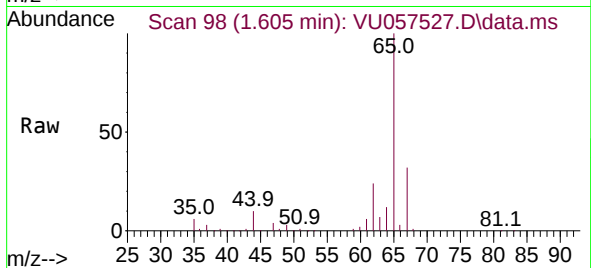
ClientSampleId :

Tgt Ion: 62 Resp: 21798

Ion Ratio Lower Upper

62 100

64 47.3 22.9 42.5#



#12

1,1-Dichloroethene

Concen: 0.935 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.003 min

Lab File: VU057527.D

Acq: 15 Jan 2024 14:12

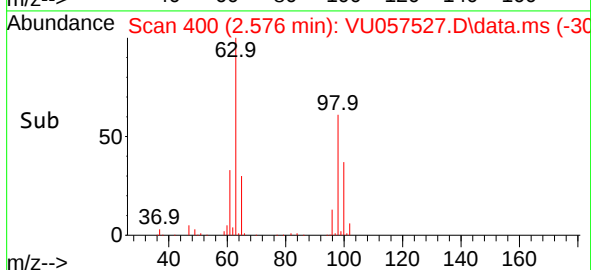
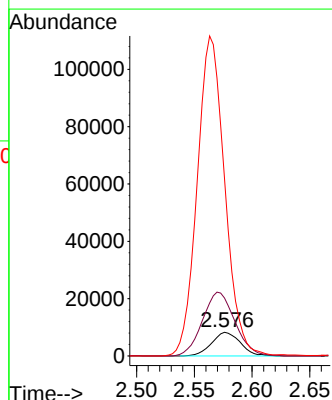
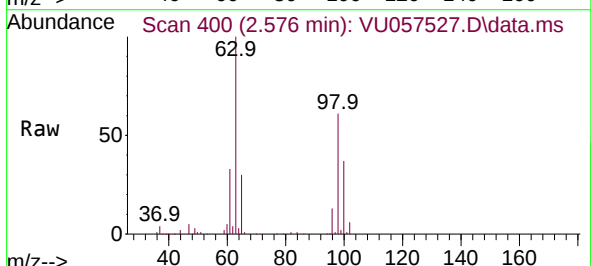
Tgt Ion: 96 Resp: 14259

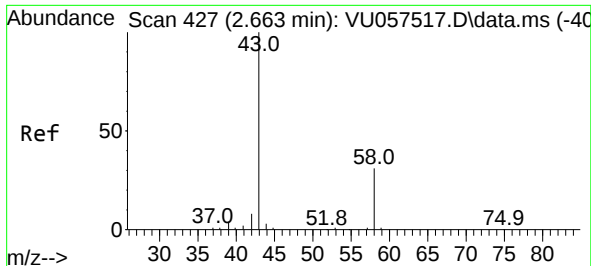
Ion Ratio Lower Upper

96 100

61 244.2 130.9 243.1#

63 748.3 114.8 213.2#





#13

Acetone

Concen: 9.235 ug/L

RT: 2.673 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU057527.D

Acq: 15 Jan 2024 14:12

Instrument :

MSVOA_U

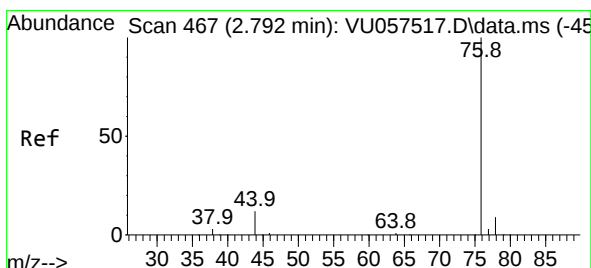
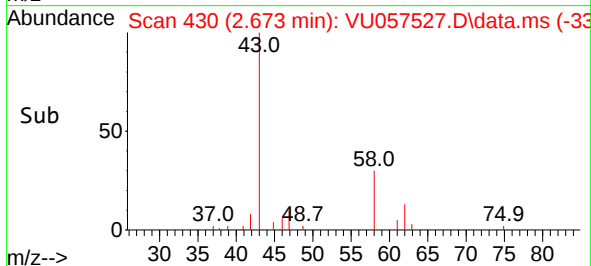
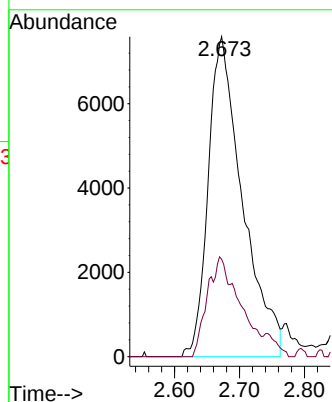
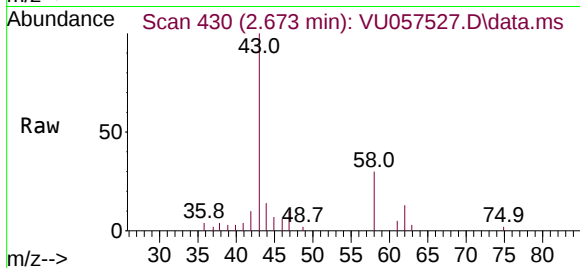
ClientSampleId :

Tgt Ion: 43 Resp: 27818

Ion Ratio Lower Upper

43 100

58 29.3 0.0 67.8



#14

Carbon disulfide

Concen: 0.703 ug/L

RT: 2.791 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU057527.D

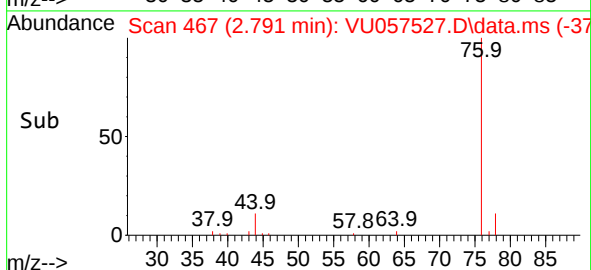
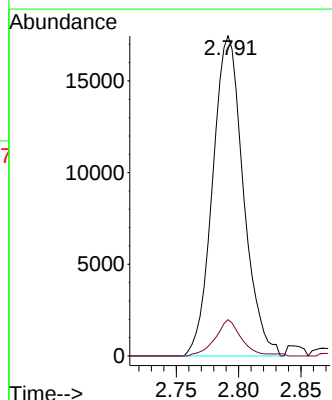
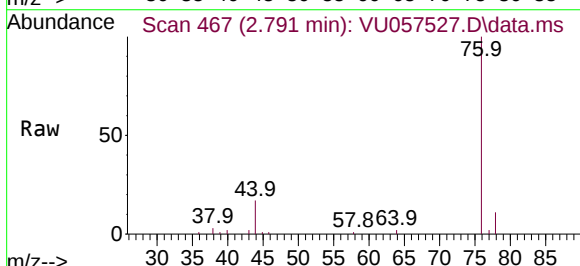
Acq: 15 Jan 2024 14:12

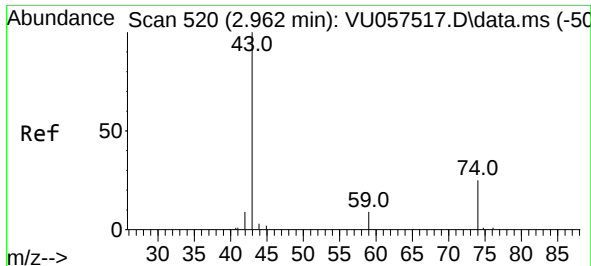
Tgt Ion: 76 Resp: 29957

Ion Ratio Lower Upper

76 100

78 11.3 7.3 10.9#

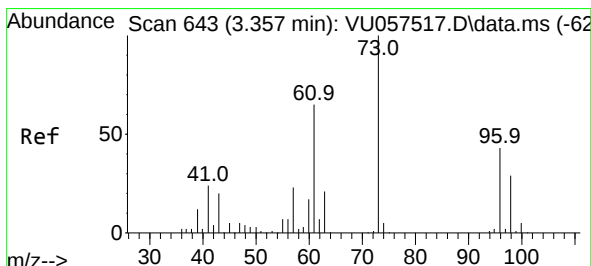
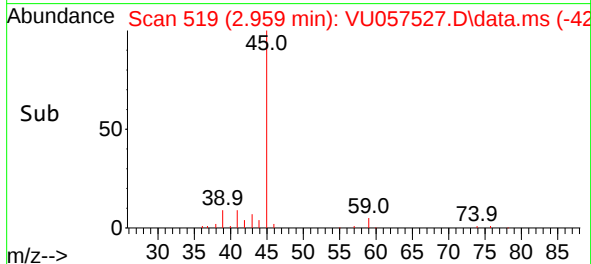
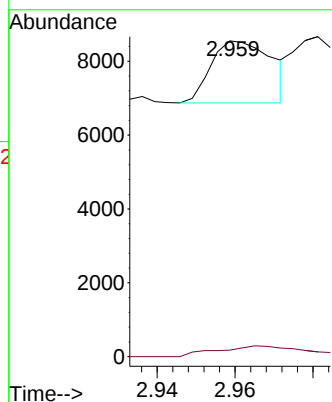
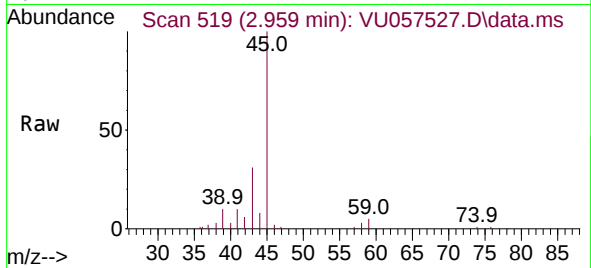




#15
Methyl Acetate
Concen: 0.267 ug/L
RT: 2.959 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU057527.D
Acq: 15 Jan 2024 14:12

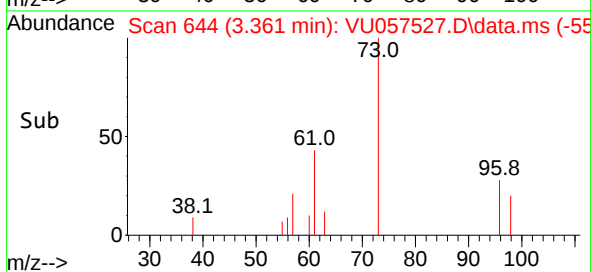
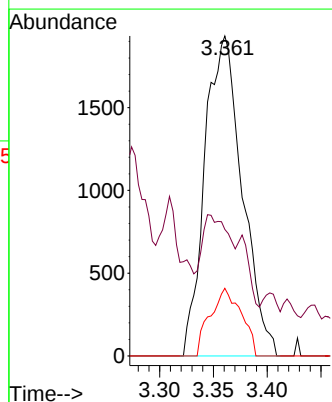
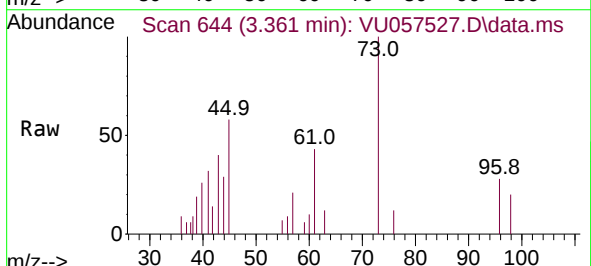
Instrument :
MSVOA_U
ClientSampleId :

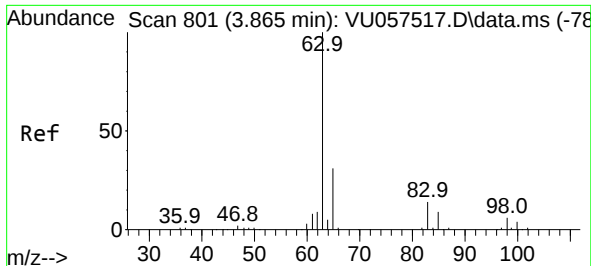
Tgt Ion: 43 Resp: 1819
Ion Ratio Lower Upper
43 100
74 24.5 18.6 27.8



#17
Methyl tert-butyl Ether
Concen: 0.124 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU057527.D
Acq: 15 Jan 2024 14:12

Tgt Ion: 73 Resp: 4679
Ion Ratio Lower Upper
73 100
43 12.1 16.1 24.1#
57 17.6 18.2 27.4#





#19

1,1-Dichloroethane

Concen: 0.672 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU057527.D

Acq: 15 Jan 2024 14:12

Instrument :

MSVOA_U

ClientSampleId :

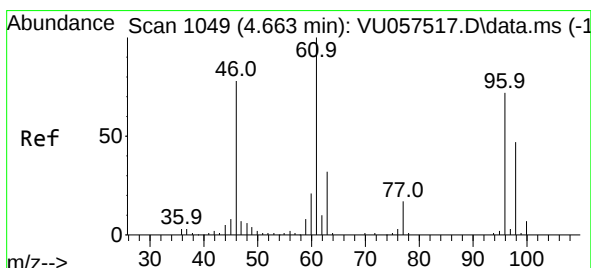
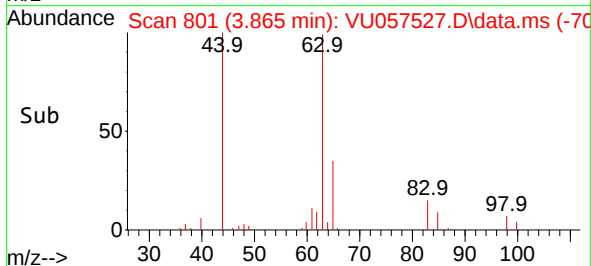
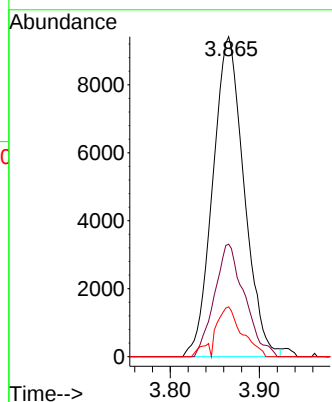
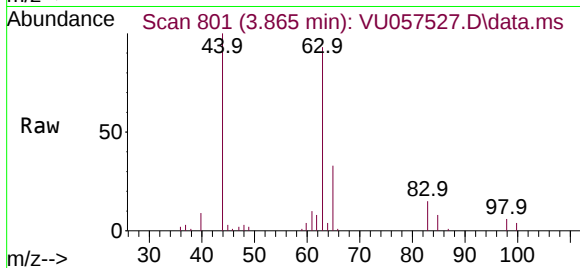
Tgt Ion: 63 Resp: 22951

Ion Ratio Lower Upper

63 100

65 36.6 22.3 41.3

83 15.6 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 1.808 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU057527.D

Acq: 15 Jan 2024 14:12

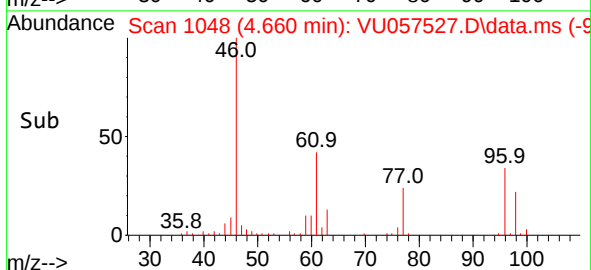
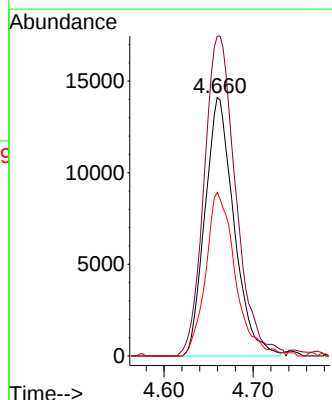
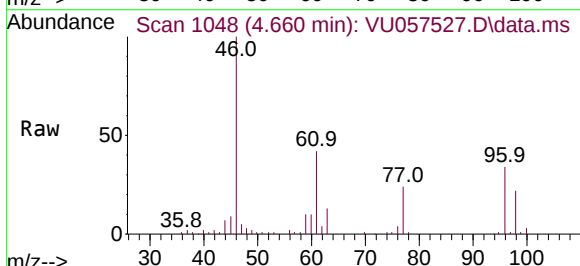
Tgt Ion: 96 Resp: 31863

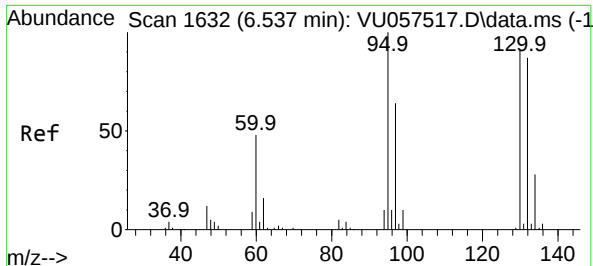
Ion Ratio Lower Upper

96 100

61 123.7 93.4 173.4

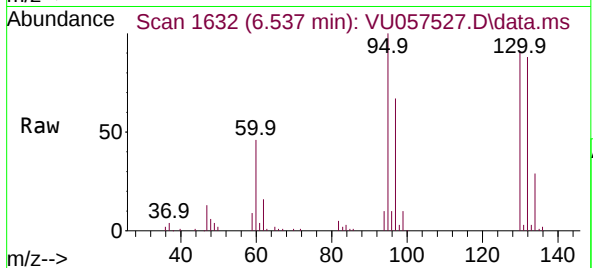
98 63.3 44.9 83.3



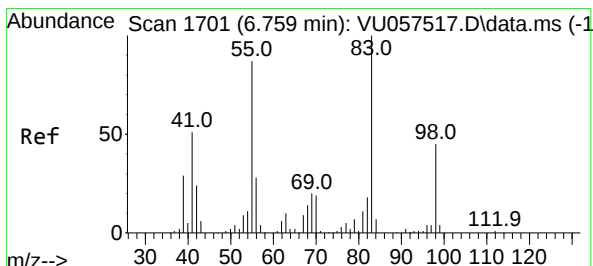
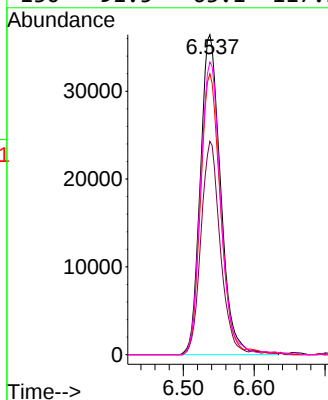
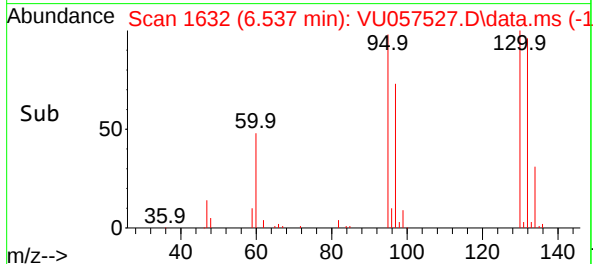


#34
Trichloroethene
Concen: 3.522 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057527.D
Acq: 15 Jan 2024 14:12

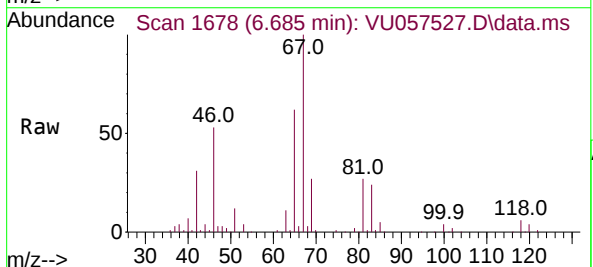
Instrument :
MSVOA_U
ClientSampleId :



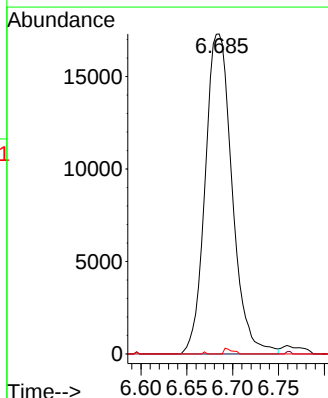
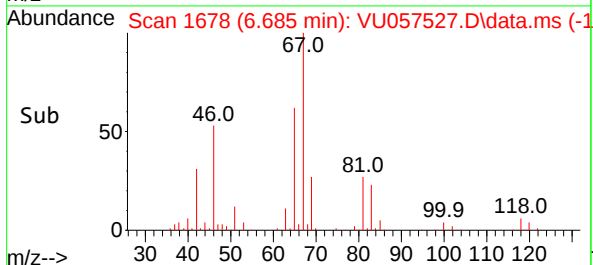
Tgt Ion: 95 Resp: 72375
Ion Ratio Lower Upper
95 100
97 66.6 45.0 83.6
132 87.8 61.7 114.5
130 91.5 63.1 117.3

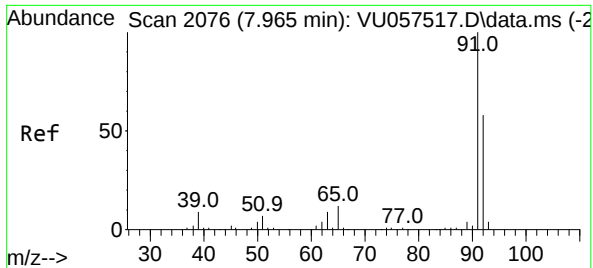


#35
Methylcyclohexane
Concen: 1.295 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057527.D
Acq: 15 Jan 2024 14:12



Tgt Ion: 83 Resp: 35378
Ion Ratio Lower Upper
83 100
55 0.1 68.7 103.1#
98 0.6 36.3 54.5#





#42

Toluene

Concen: 0.752 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057527.D

Acq: 15 Jan 2024 14:12

Instrument :

MSVOA_U

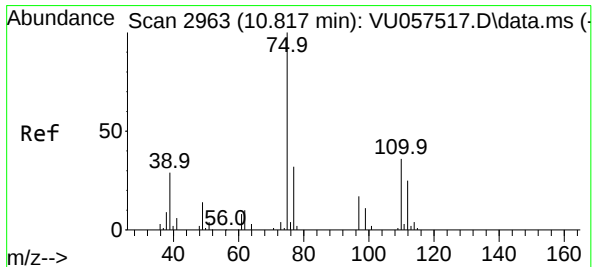
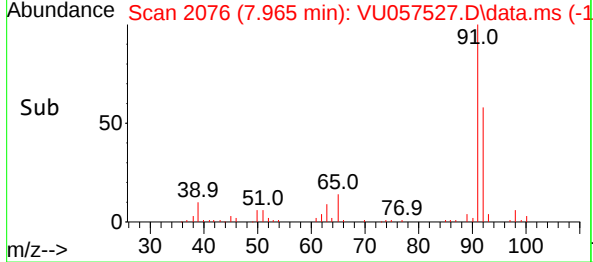
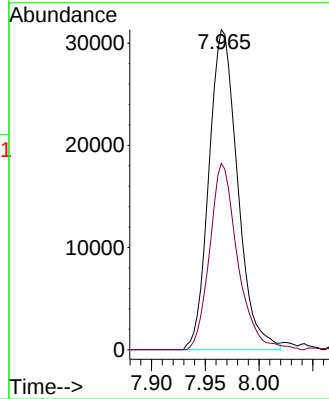
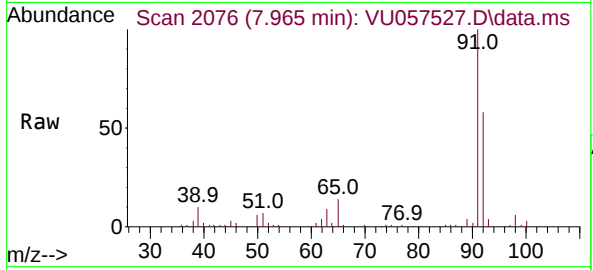
ClientSampleId :

Tgt Ion: 91 Resp: 58010

Ion Ratio Lower Upper

91 100

92 58.3 41.2 76.4



#61

1,2,3-Trichloropropane

Concen: 1.430 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057527.D

Acq: 15 Jan 2024 14:12

Tgt Ion: 75 Resp: 13289

Ion Ratio Lower Upper

75 100

110 1.4 29.4 44.0#

77 34.5 26.2 39.4

