

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057528.D
 Acq On : 15 Jan 2024 14:36
 Operator : MD/SY
 Sample : P1120-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:35:38 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)

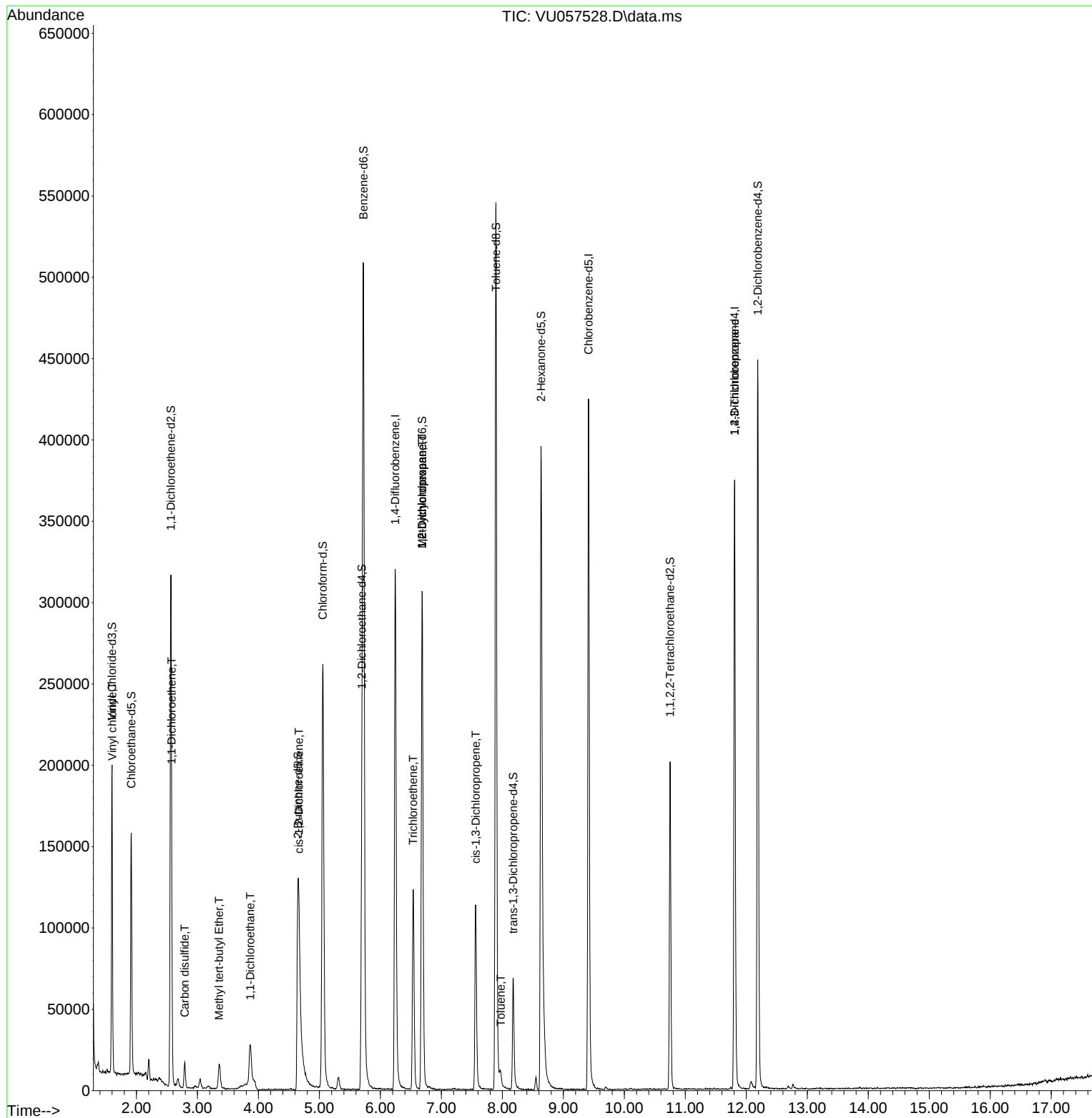
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	255126	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	228469	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	97461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	132757	5.129	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.600%	
7) Chloroethane-d5	1.914	69	112892	5.605	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	112.200%	
11) 1,1-Dichloroethene-d2	2.564	65	58607	5.354	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	107.000%	
20) 2-Butanone-d5	4.647	46	274232	56.010	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.020%	
24) Chloroform-d	5.055	84	245270	5.484	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.600%	
26) 1,2-Dichloroethane-d4	5.695	65	123011	5.711	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.200%	
32) Benzene-d6	5.721	84	470520	5.646	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.000%	
36) 1,2-Dichloropropane-d6	6.686	67	149719	5.763	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	115.200%	
41) Toluene-d8	7.895	98	366914	5.216	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
43) trans-1,3-Dichloroprop...	8.177	79	41306	4.573	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.400%	
46) 2-Hexanone-d5	8.634	63	128774	39.376	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.760%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	101268	5.771	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	115.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	113490	5.798	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	116.000%	
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	4877	0.253	ug/L #	9
12) 1,1-Dichloroethene	2.576	96	9833	0.660	ug/L #	1
14) Carbon disulfide	2.792	76	21412	0.514	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	16028	0.433	ug/L	99
19) 1,1-Dichloroethane	3.866	63	30077	0.901	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	10806	0.627	ug/L	95
34) Trichloroethene	6.538	95	44079	2.500	ug/L	100
35) Methylcyclohexane	6.686	83	34860	1.487	ug/L #	16
37) 1,2-Dichloropropane	6.686	63	16246	0.853	ug/L #	90
39) cis-1,3-Dichloropropene	7.563	75	3075	0.122	ug/L #	79
42) Toluene	7.972	91	6330	0.096	ug/L	83
61) 1,2,3-Trichloropropane	11.808	75	13168	1.444	ug/L #	69

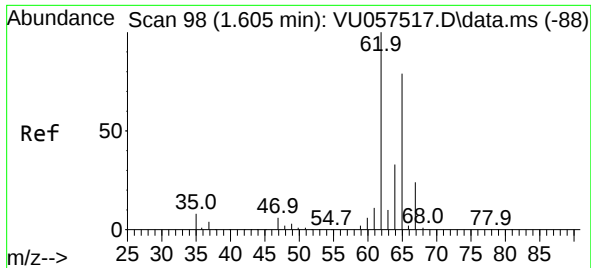
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
Data File : VU057528.D
Acq On : 15 Jan 2024 14:36
Operator : MD/SY
Sample : P1120-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 16 00:35:38 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

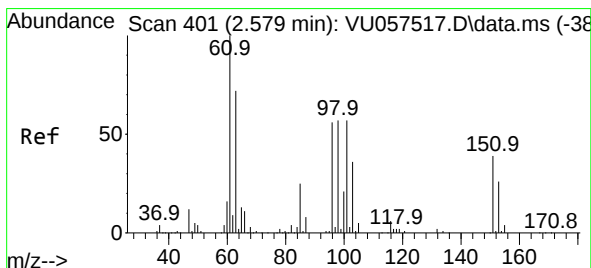
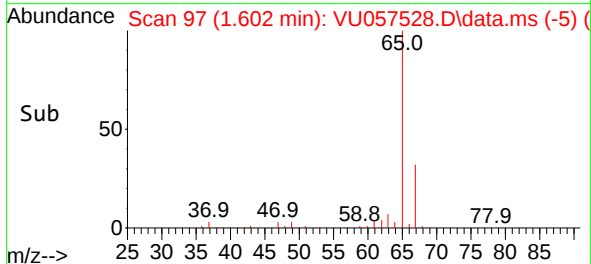
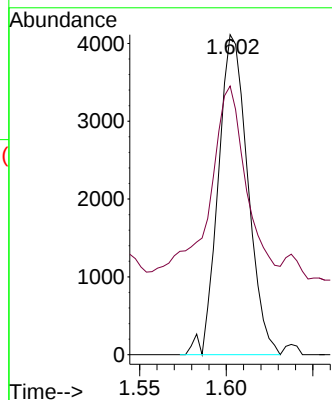
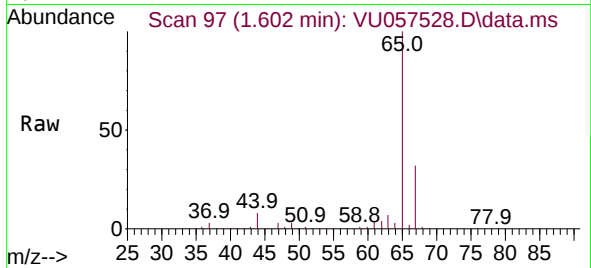




#5
 Vinyl chloride
 Concen: 0.253 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU057528.D
 Acq: 15 Jan 2024 14:36

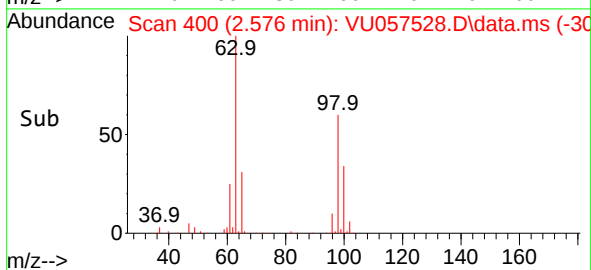
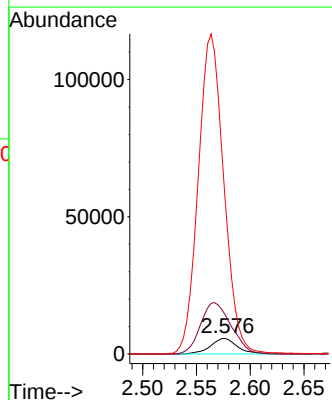
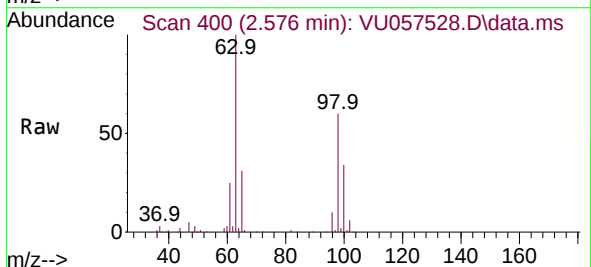
Instrument :
 MSVOA_U
 ClientSampleId :

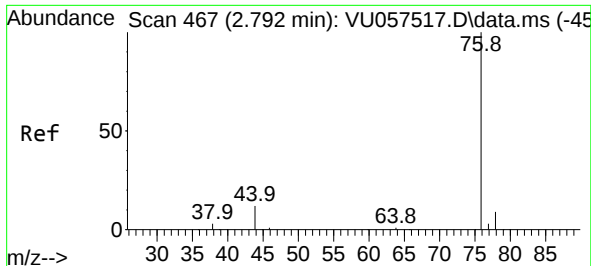
Tgt Ion: 62 Resp: 4877
 Ion Ratio Lower Upper
 62 100
 64 83.9 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 0.660 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU057528.D
 Acq: 15 Jan 2024 14:36

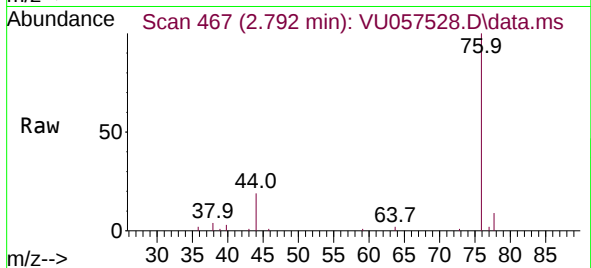
Tgt Ion: 96 Resp: 9833
 Ion Ratio Lower Upper
 96 100
 61 255.0 130.9 243.1#
 63 1016.5 114.8 213.2#



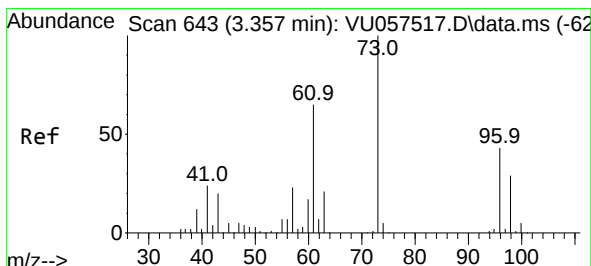
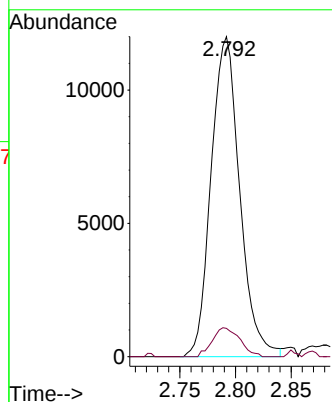
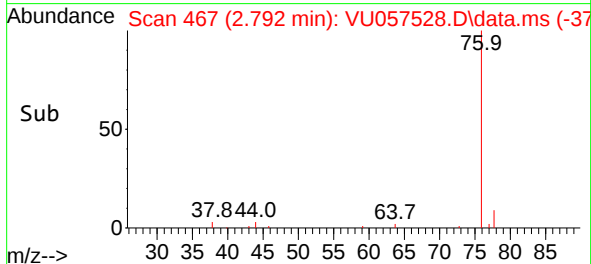


#14
Carbon disulfide
Concen: 0.514 ug/L
RT: 2.792 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU057528.D
Acq: 15 Jan 2024 14:36

Instrument :
MSVOA_U
ClientSampleId :

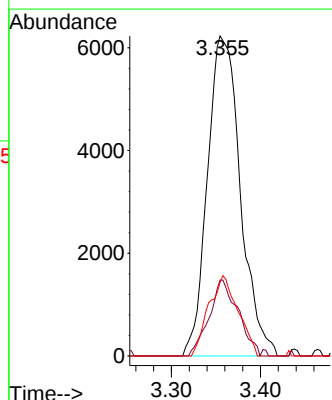
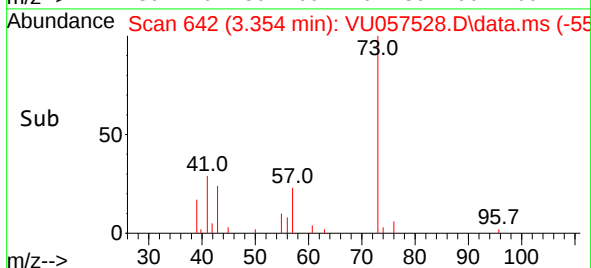
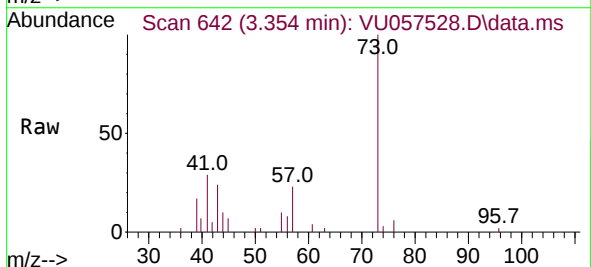


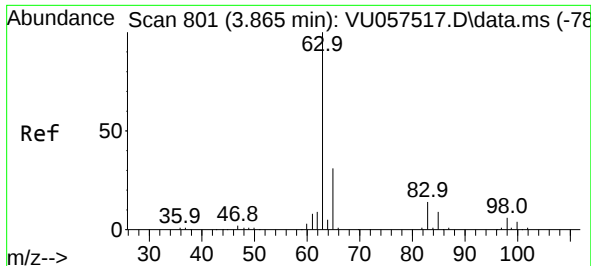
Tgt Ion: 76 Resp: 21412
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#17
Methyl tert-butyl Ether
Concen: 0.433 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.003 min
Lab File: VU057528.D
Acq: 15 Jan 2024 14:36

Tgt Ion: 73 Resp: 16028
Ion Ratio Lower Upper
73 100
43 21.0 16.1 24.1
57 22.3 18.2 27.4





#19

1,1-Dichloroethane

Concen: 0.901 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU057528.D

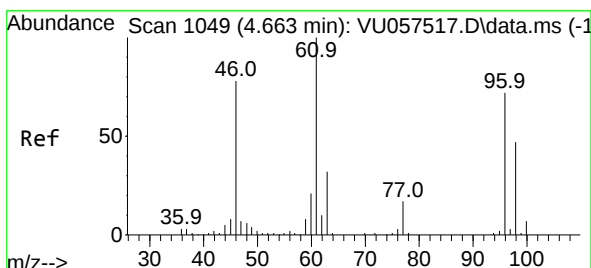
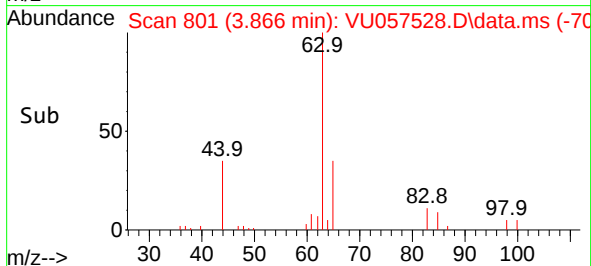
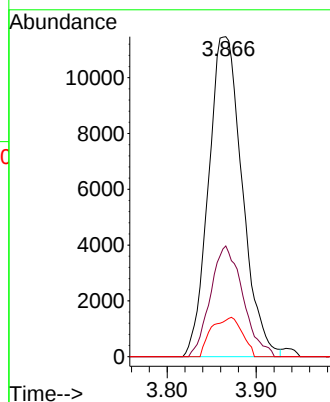
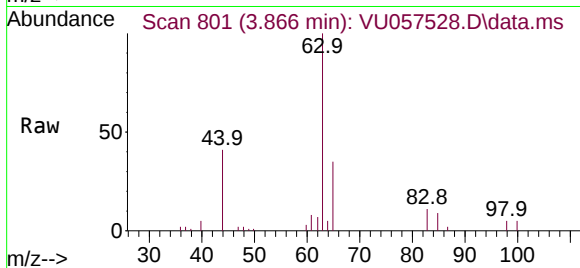
Acq: 15 Jan 2024 14:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	30077
Ion	Ratio	Lower	Upper
63	100		
65	34.6	22.3	41.3
83	11.4	9.1	16.9



#22

cis-1,2-Dichloroethene

Concen: 0.627 ug/L

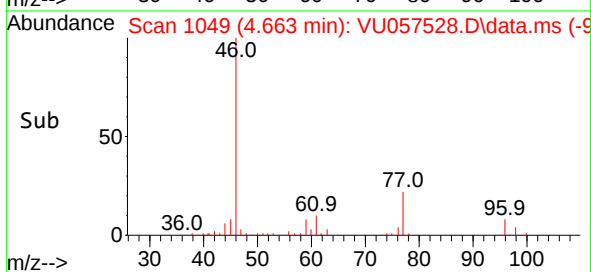
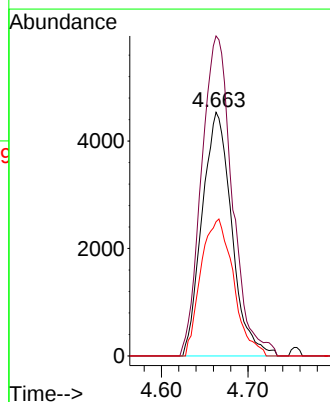
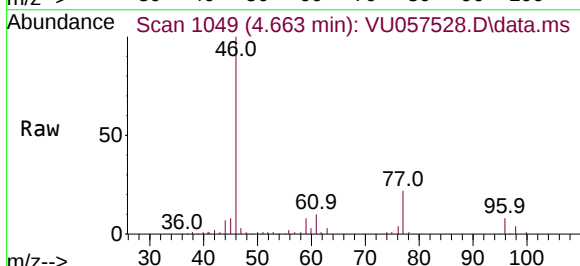
RT: 4.663 min Scan# 1049

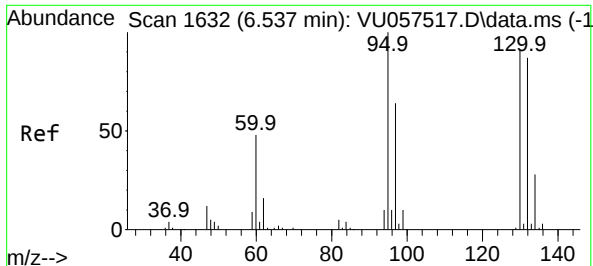
Delta R.T. 0.000 min

Lab File: VU057528.D

Acq: 15 Jan 2024 14:36

Tgt Ion:	96	Resp:	10806
Ion	Ratio	Lower	Upper
96	100		
61	131.3	93.4	173.4
98	55.1	44.9	83.3

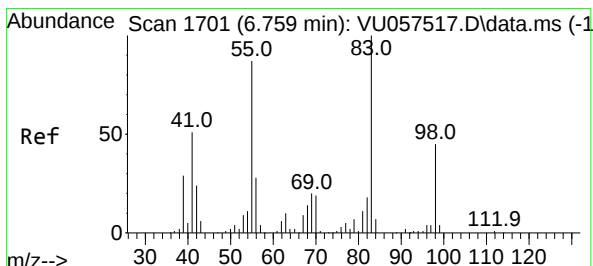
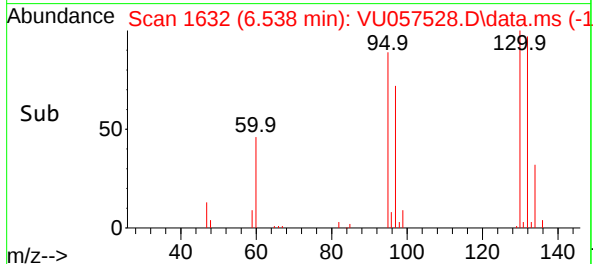
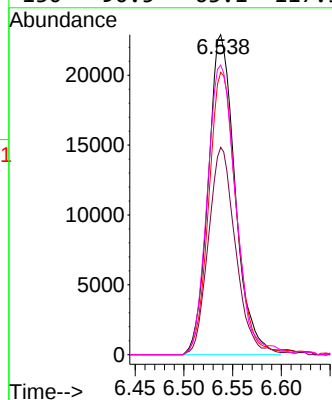
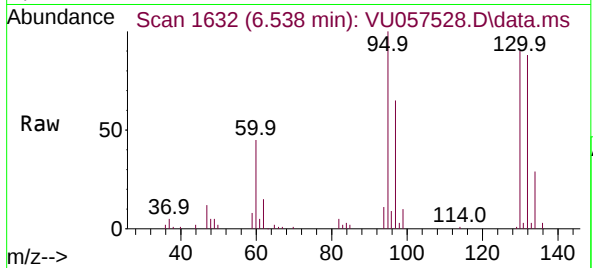




#34
Trichloroethene
Concen: 2.500 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057528.D
Acq: 15 Jan 2024 14:36

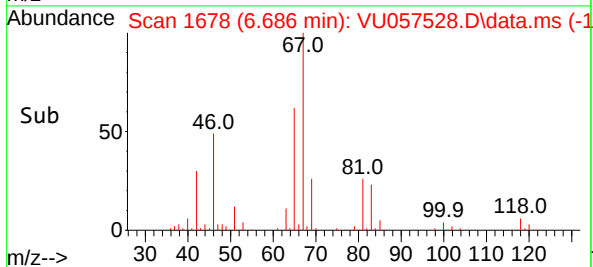
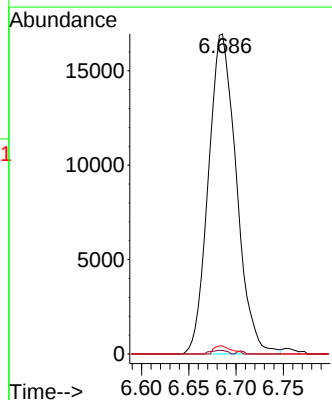
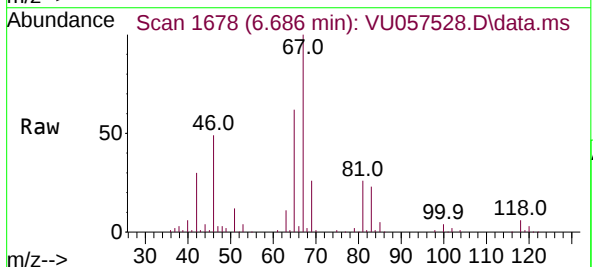
Instrument :
MSVOA_U
ClientSampleId :

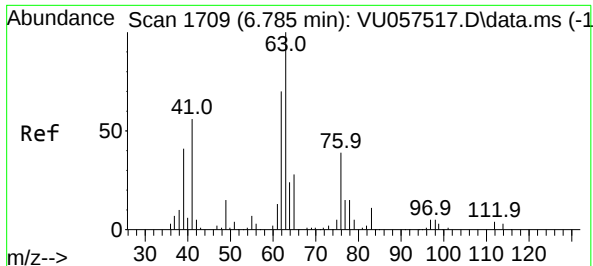
Tgt Ion: 95 Resp: 44079
Ion Ratio Lower Upper
95 100
97 64.8 45.0 83.6
132 88.2 61.7 114.5
130 90.5 63.1 117.3



#35
Methylcyclohexane
Concen: 1.487 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057528.D
Acq: 15 Jan 2024 14:36

Tgt Ion: 83 Resp: 34860
Ion Ratio Lower Upper
83 100
55 0.7 68.7 103.1#
98 1.5 36.3 54.5#

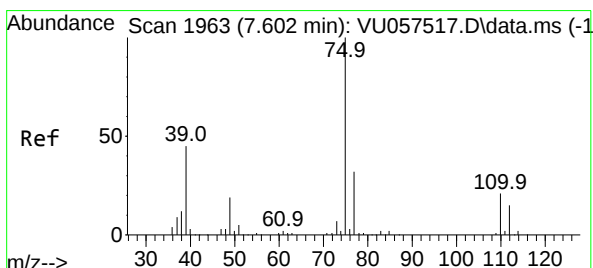
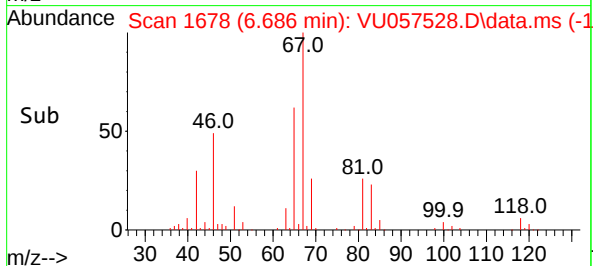
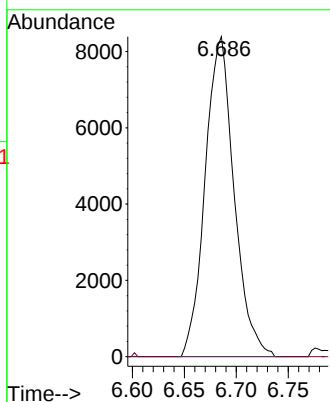
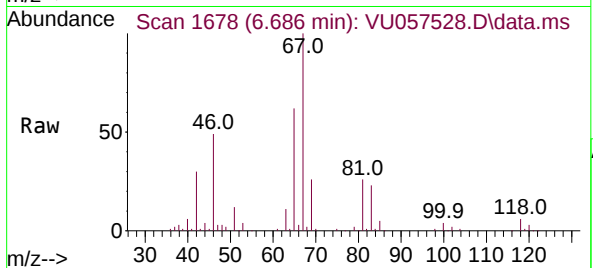




#37
1,2-Dichloropropane
Concen: 0.853 ug/L
RT: 6.686 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU057528.D
Acq: 15 Jan 2024 14:36

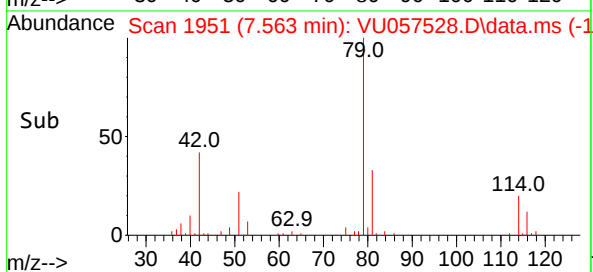
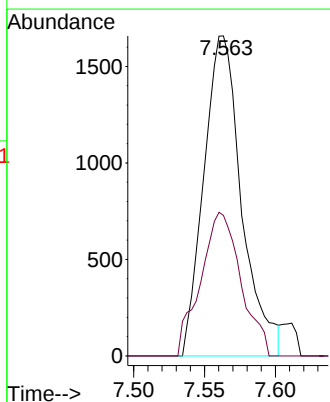
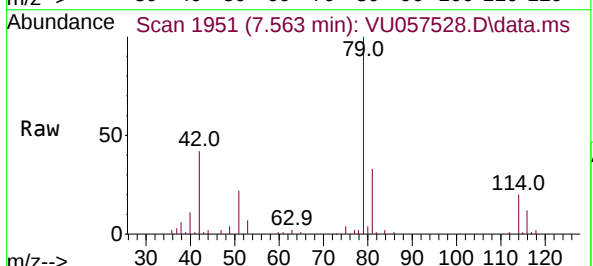
Instrument :
MSVOA_U
ClientSampleId :

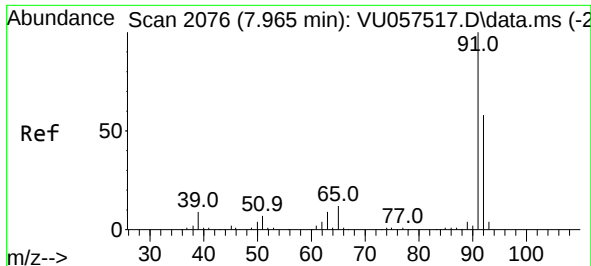
Tgt Ion: 63 Resp: 16246
Ion Ratio Lower Upper
63 100
112 0.1 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.122 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.038 min
Lab File: VU057528.D
Acq: 15 Jan 2024 14:36

Tgt Ion: 75 Resp: 3075
Ion Ratio Lower Upper
75 100
77 43.9 22.5 41.9#





#42

Toluene

Concen: 0.096 ug/L

RT: 7.972 min Scan# 2076

Delta R.T. 0.007 min

Lab File: VU057528.D

Acq: 15 Jan 2024 14:36

Instrument :

MSVOA_U

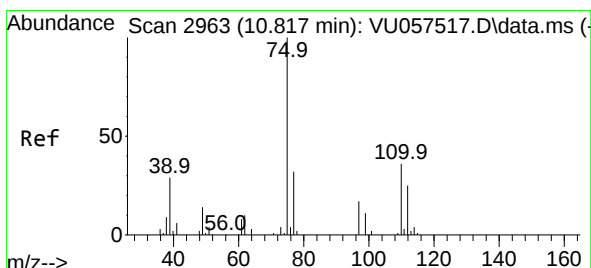
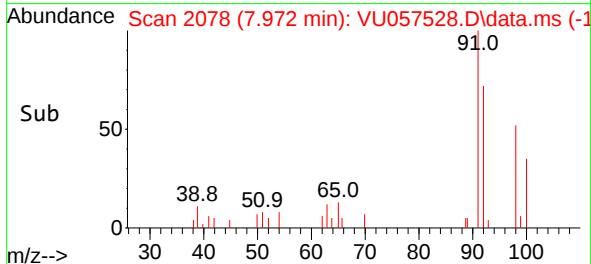
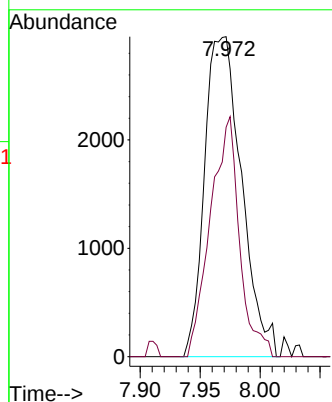
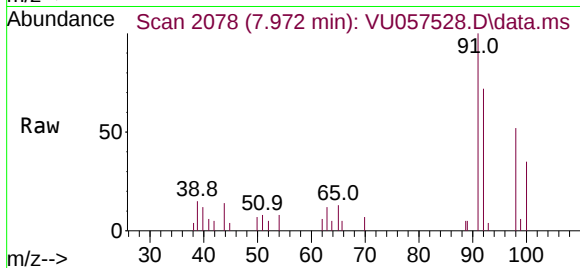
ClientSampleId :

Tgt Ion: 91 Resp: 6330

Ion Ratio Lower Upper

91 100

92 71.7 41.2 76.4



#61

1,2,3-Trichloropropane

Concen: 1.444 ug/L

RT: 11.808 min Scan# 3271

Delta R.T. 0.991 min

Lab File: VU057528.D

Acq: 15 Jan 2024 14:36

Tgt Ion: 75 Resp: 13168

Ion Ratio Lower Upper

75 100

110 2.3 29.4 44.0#

77 32.7 26.2 39.4

