

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057539.D
 Acq On : 15 Jan 2024 19:01
 Operator : MD/SY
 Sample : P1062-20 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:38:42 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)

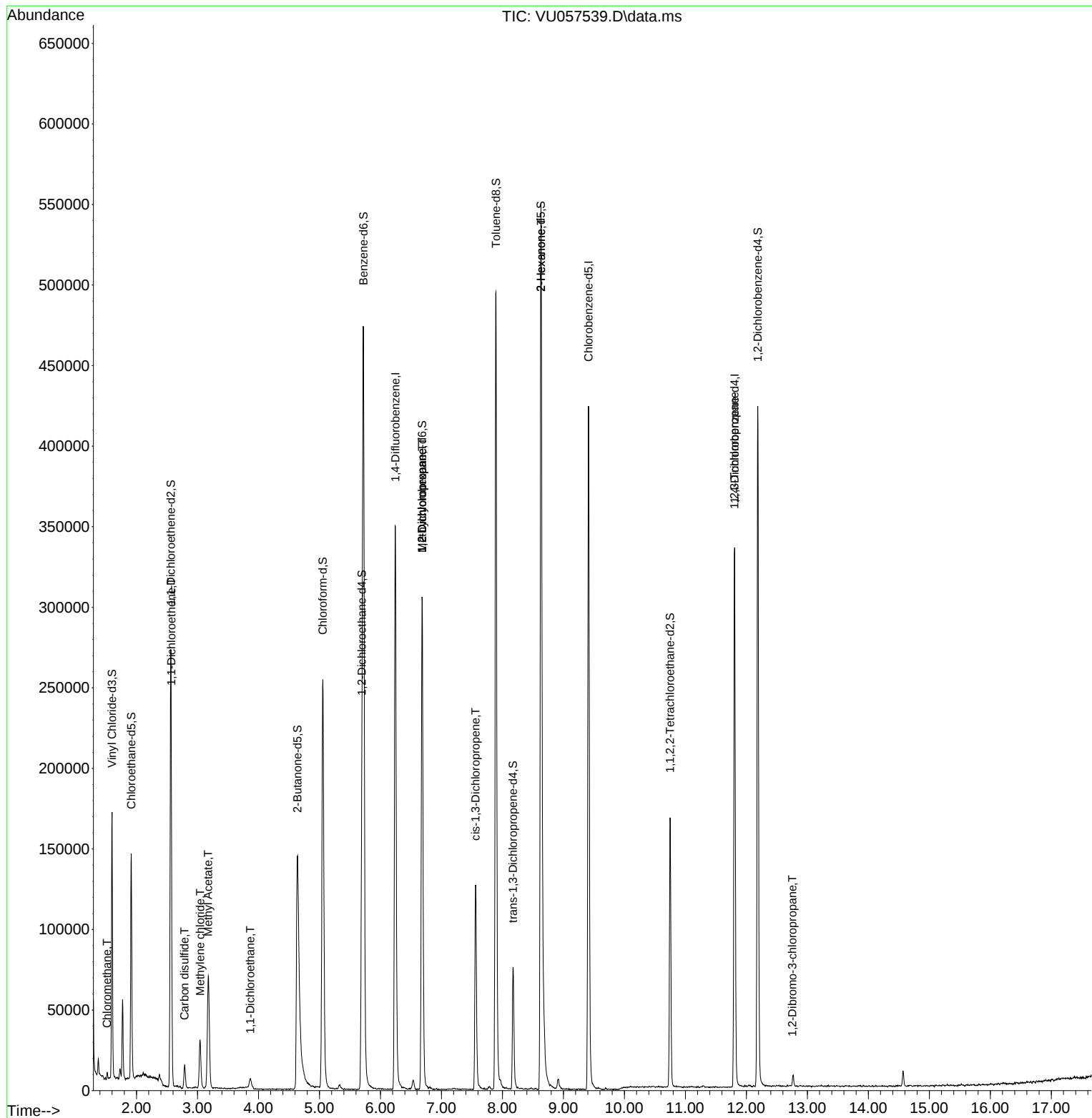
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	274149	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	226281	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	118520	4.261	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	85.200%		
7) Chloroethane-d5	1.914	69	106180	4.906	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	98.200%		
11) 1,1-Dichloroethene-d2	2.563	65	51341	4.365	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	87.400%		
20) 2-Butanone-d5	4.637	46	276585	52.570	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	105.140%		
24) Chloroform-d	5.055	84	239925	4.993	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.800%		
26) 1,2-Dichloroethane-d4	5.695	65	121862	5.265	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	105.400%		
32) Benzene-d6	5.721	84	439202	5.322	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	106.400%		
36) 1,2-Dichloropropane-d6	6.682	67	146586	5.697	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	114.000%		
41) Toluene-d8	7.894	98	331678	4.761	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.200%		
43) trans-1,3-Dichloroprop...	8.174	79	46064	5.149	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	103.000%		
46) 2-Hexanone-d5	8.631	63	182625	56.382	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	112.760%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	80382	4.625	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	92.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	106230	6.446	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	129.000%#		
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2728	0.117	ug/L	98
12) 1,1-Dichloroethene	2.570	96	3887	0.243	ug/L #	1
14) Carbon disulfide	2.788	76	19361	0.433	ug/L	96
15) Methyl Acetate	3.174	43	6099	0.853	ug/L #	55
16) Methylene chloride	3.042	84	14419	0.666	ug/L	94
19) 1,1-Dichloroethane	3.865	63	6290	0.175	ug/L #	96
35) Methylcyclohexane	6.682	83	34192	1.473	ug/L #	15
37) 1,2-Dichloropropane	6.682	63	16514	0.876	ug/L #	91
39) cis-1,3-Dichloropropene	7.560	75	3546	0.142	ug/L	89
48) 2-Hexanone	8.634	43	26918	3.938	ug/L #	79
61) 1,2,3-Trichloropropane	11.804	75	13050	1.700	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.753	75	239	0.162	ug/L #	10

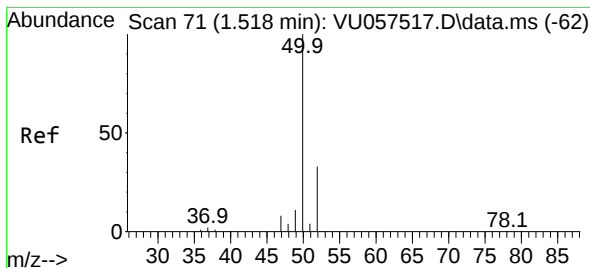
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.117 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU057539.D

Acq: 15 Jan 2024 19:01

Instrument :

MSVOA_U

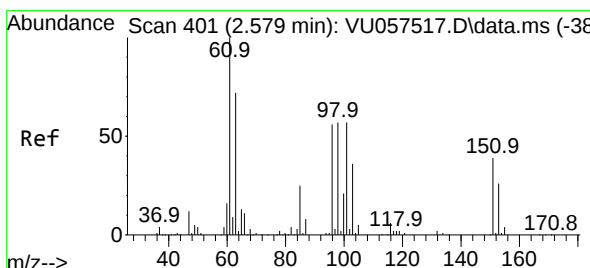
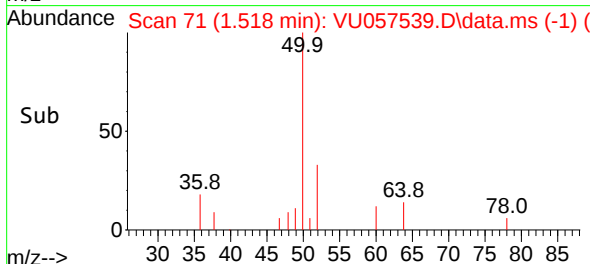
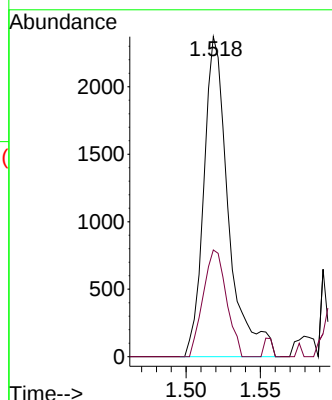
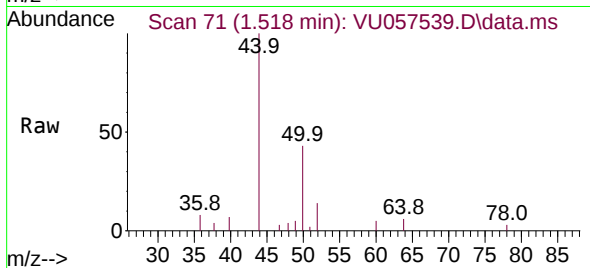
ClientSampleId :

Tgt Ion: 50 Resp: 2728

Ion Ratio Lower Upper

50 100

52 33.4 24.1 44.7



#12

1,1-Dichloroethene

Concen: 0.243 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.010 min

Lab File: VU057539.D

Acq: 15 Jan 2024 19:01

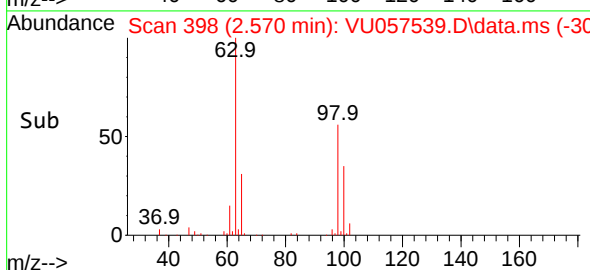
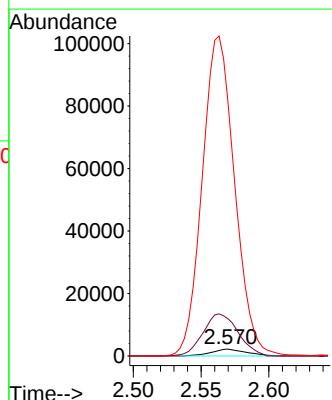
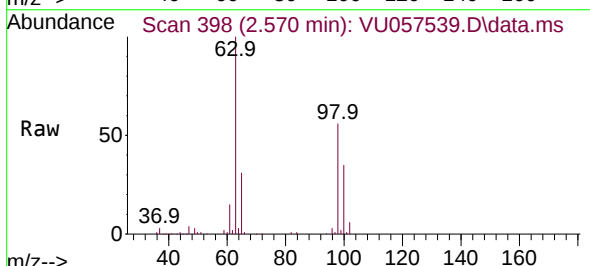
Tgt Ion: 96 Resp: 3887

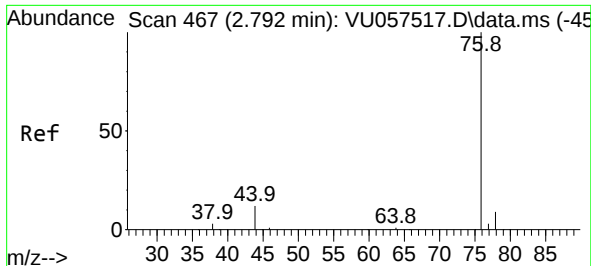
Ion Ratio Lower Upper

96 100

61 542.0 130.9 243.1#

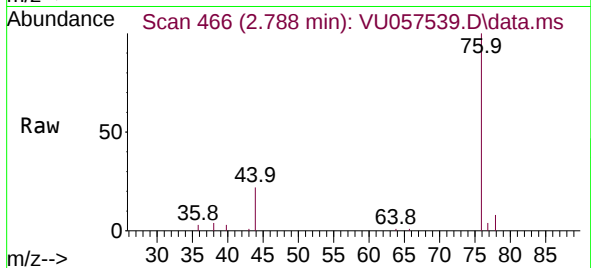
63 3699.9 114.8 213.2#



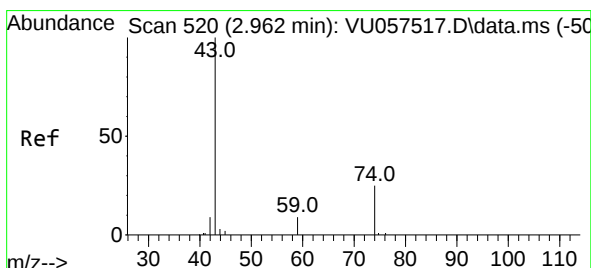
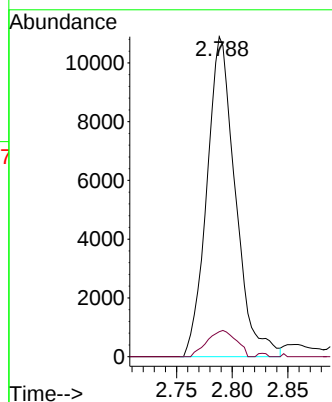
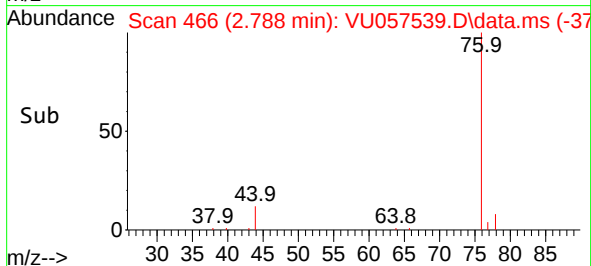


#14
Carbon disulfide
Concen: 0.433 ug/L
RT: 2.788 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU057539.D
Acq: 15 Jan 2024 19:01

Instrument :
MSVOA_U
ClientSampleId :

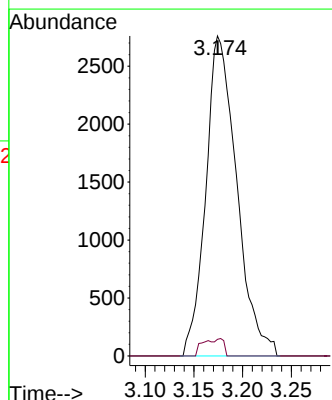
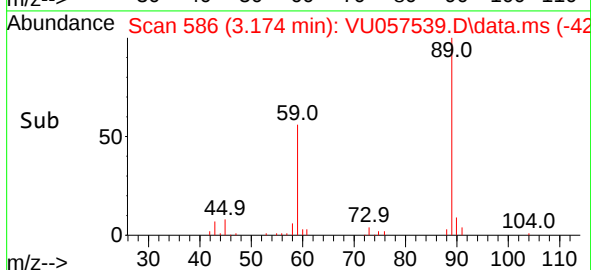
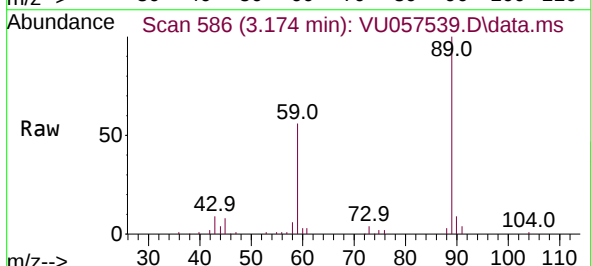


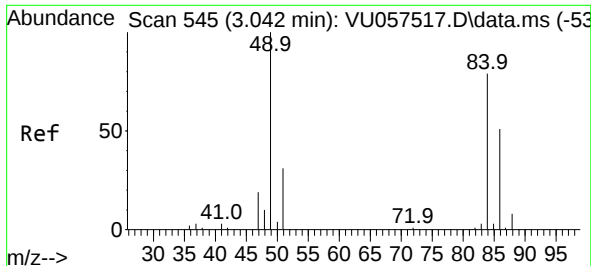
Tgt Ion: 76 Resp: 19361
Ion Ratio Lower Upper
76 100
78 7.8 7.3 10.9



#15
Methyl Acetate
Concen: 0.853 ug/L
RT: 3.174 min Scan# 586
Delta R.T. 0.212 min
Lab File: VU057539.D
Acq: 15 Jan 2024 19:01

Tgt Ion: 43 Resp: 6099
Ion Ratio Lower Upper
43 100
74 1.3 18.6 27.8#

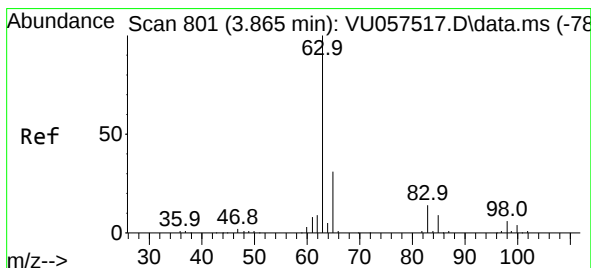
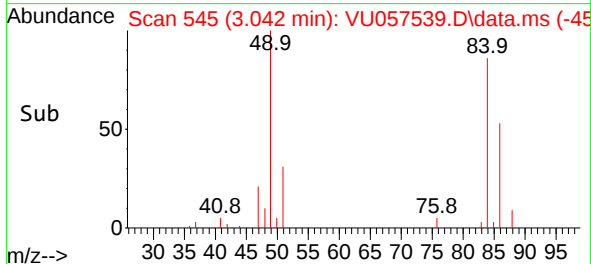
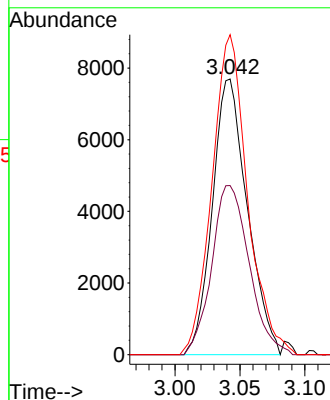
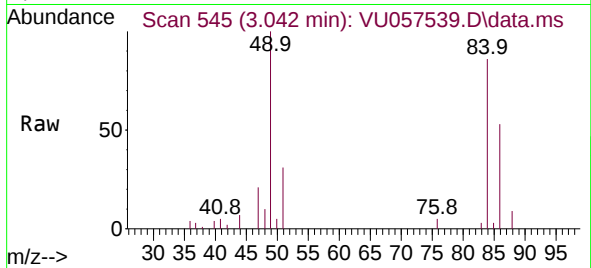




#16
Methylene chloride
Concen: 0.666 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU057539.D
Acq: 15 Jan 2024 19:01

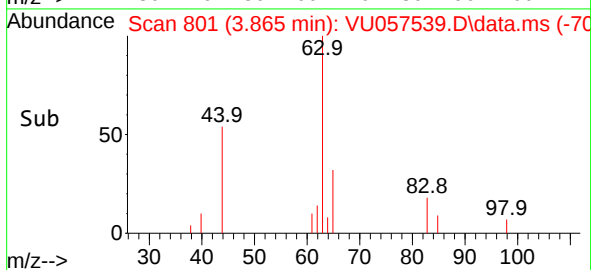
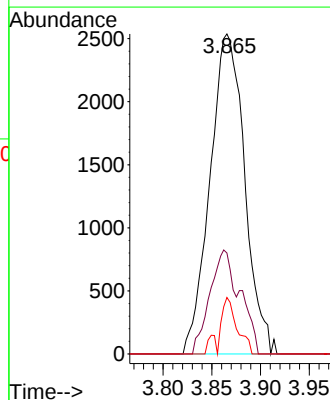
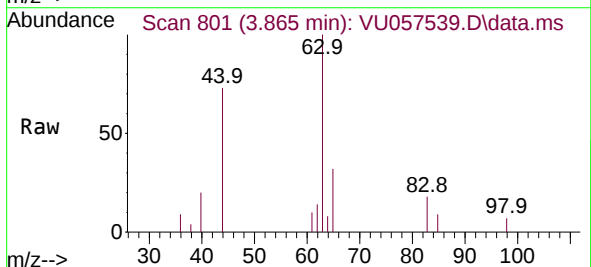
Instrument :
MSVOA_U
ClientSampleId :

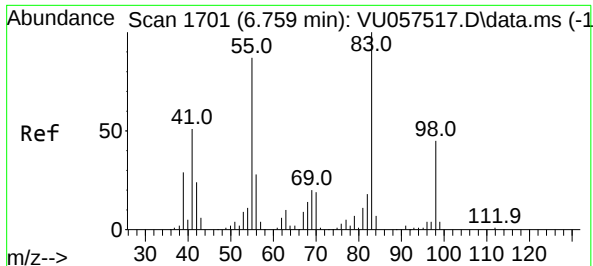
Tgt Ion: 84 Resp: 14419
Ion Ratio Lower Upper
84 100
86 61.4 45.8 85.2
49 116.1 86.7 161.1



#19
1,1-Dichloroethane
Concen: 0.175 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU057539.D
Acq: 15 Jan 2024 19:01

Tgt Ion: 63 Resp: 6290
Ion Ratio Lower Upper
63 100
65 31.5 22.3 41.3
83 17.7 9.1 16.9#

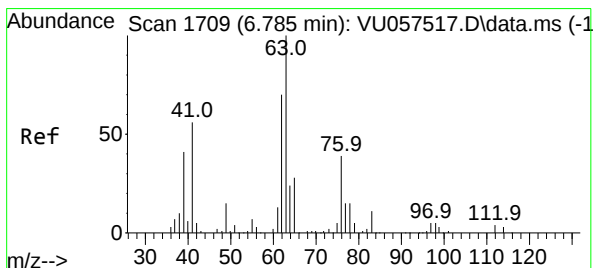
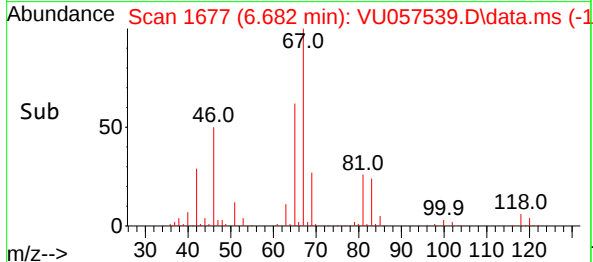
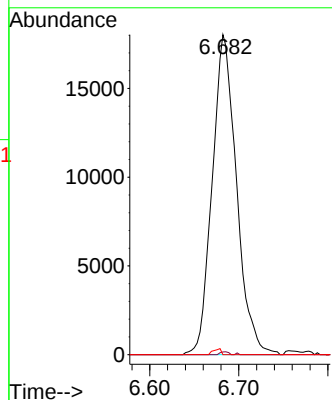
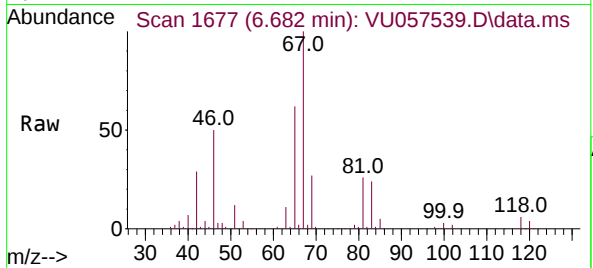




#35
Methylcyclohexane
Concen: 1.473 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057539.D
Acq: 15 Jan 2024 19:01

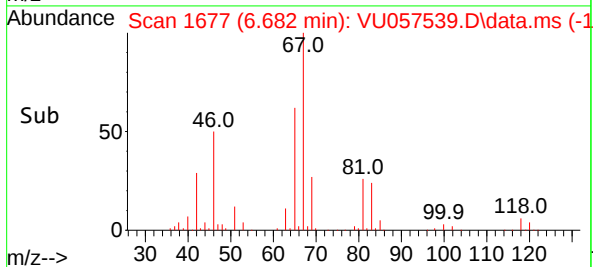
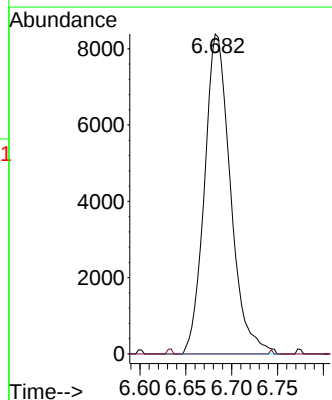
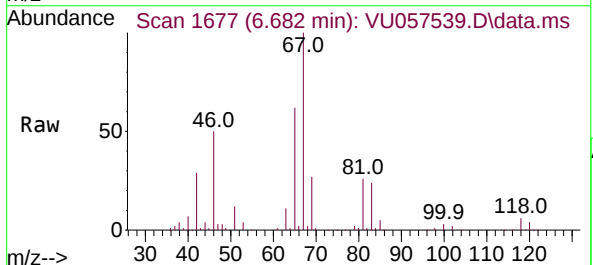
Instrument :
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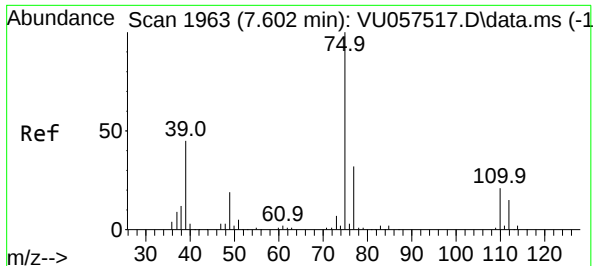
Tgt Ion: 83 Resp: 34192
Ion Ratio Lower Upper
83 100
55 0.3 68.7 103.1#
98 0.6 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.876 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU057539.D
Acq: 15 Jan 2024 19:01

Tgt Ion: 63 Resp: 16514
Ion Ratio Lower Upper
63 100
112 0.3 2.7 4.1#





#39

cis-1,3-Dichloropropene

Concen: 0.142 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.042 min

Lab File: VU057539.D

Acq: 15 Jan 2024 19:01

Instrument :

MSVOA_U

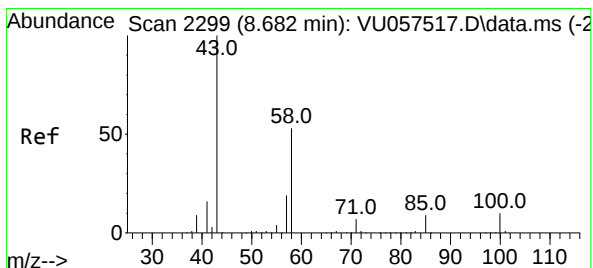
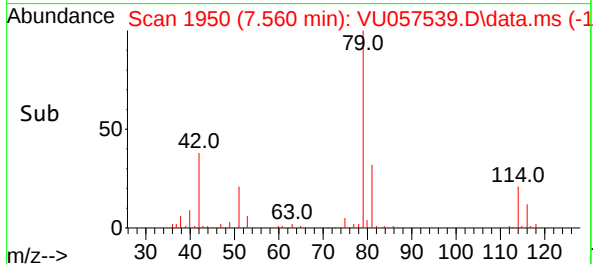
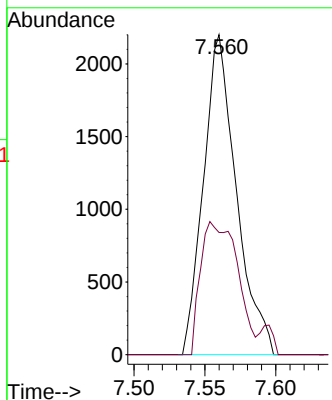
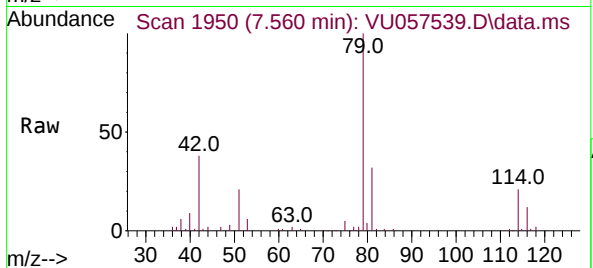
ClientSampleId :

Tgt Ion: 75 Resp: 3546

Ion Ratio Lower Upper

75 100

77 38.2 22.5 41.9



#48

2-Hexanone

Concen: 3.938 ug/L

RT: 8.634 min Scan# 2284

Delta R.T. -0.048 min

Lab File: VU057539.D

Acq: 15 Jan 2024 19:01

Tgt Ion: 43 Resp: 26918

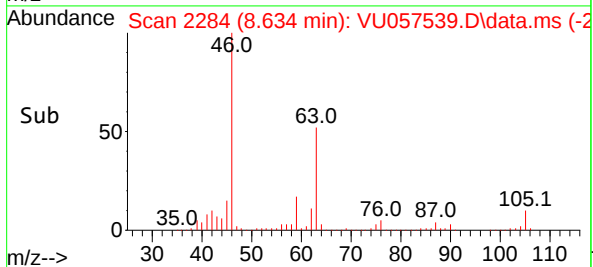
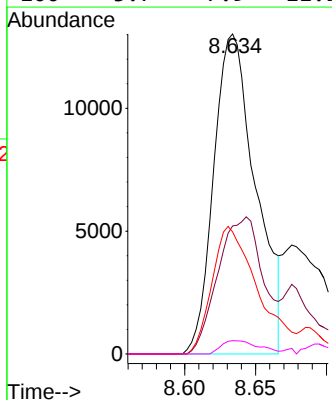
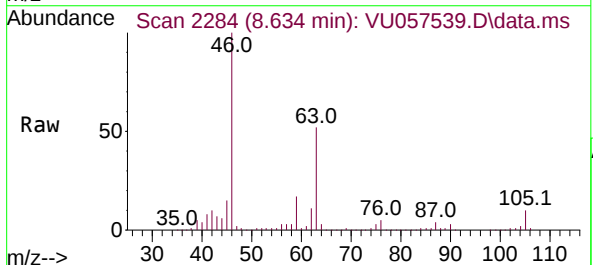
Ion Ratio Lower Upper

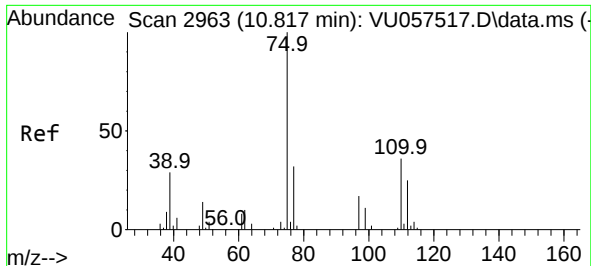
43 100

58 46.3 43.1 64.7

57 43.4 15.5 23.3#

100 3.7 7.9 11.9#

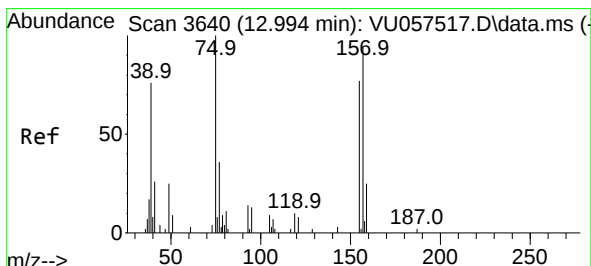
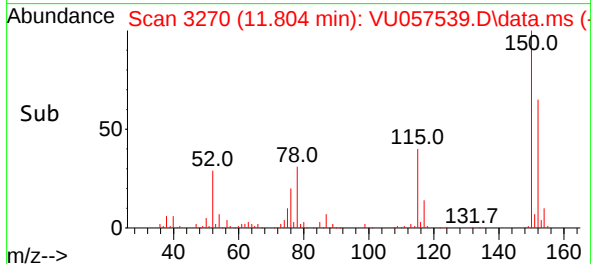
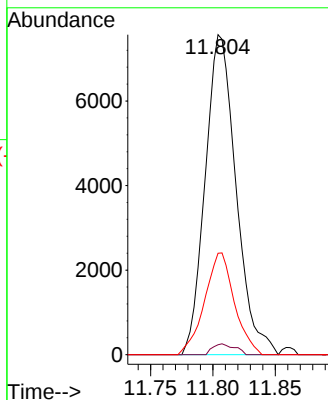
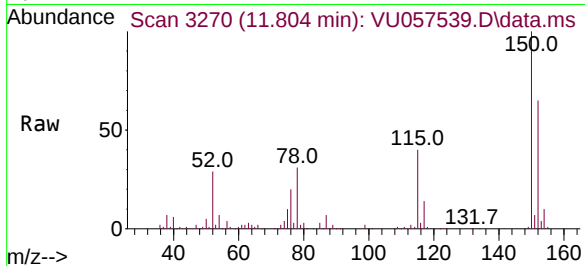




#61
 1,2,3-Trichloropropane
 Concen: 1.700 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057539.D
 Acq: 15 Jan 2024 19:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 13050
 Ion Ratio Lower Upper
 75 100
 110 2.4 29.4 44.0#
 77 30.7 26.2 39.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.162 ug/L
 RT: 12.753 min Scan# 3565
 Delta R.T. -0.241 min
 Lab File: VU057539.D
 Acq: 15 Jan 2024 19:01

Tgt Ion: 75 Resp: 239
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.4 83.0#
 157 0.0 68.6 102.8#

