

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
 Data File : VU057553.D
 Acq On : 17 Jan 2024 20:41
 Operator : MD/SY
 Sample : P1120-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:13:08 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)

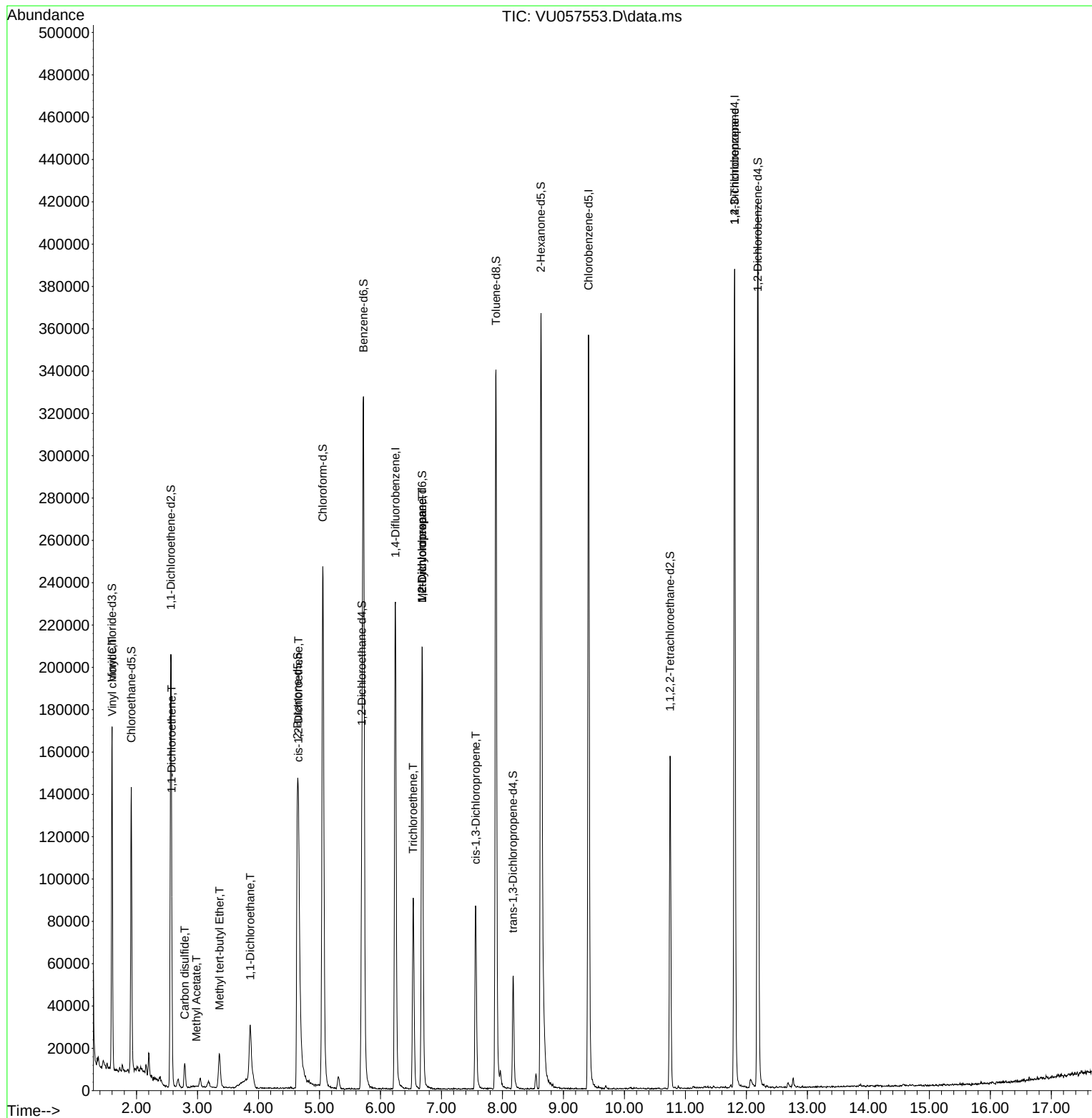
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	178002	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	194274	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99724	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	111384	6.167	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.400%
7) Chloroethane-d5	1.914	69	102106	7.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	145.400%#
11) 1,1-Dichloroethene-d2	2.563	65	37755	4.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.640	46	268065	78.472	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	156.940%#
24) Chloroform-d	5.055	84	231266	7.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	148.200%#
26) 1,2-Dichloroethane-d4	5.695	65	82975	5.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	5.721	84	297427	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.682	67	97338	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.894	98	226555	3.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.174	79	30379	3.955	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.631	63	116562	41.915	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	77867	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	102985	5.142	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	5074	0.378	ug/L #	33
12) 1,1-Dichloroethene	2.576	96	6817	0.655	ug/L #	1
14) Carbon disulfide	2.792	76	15650	0.539	ug/L	99
15) Methyl Acetate	2.981	43	1048	0.226	ug/L #	65
17) Methyl tert-butyl Ether	3.361	73	15684	0.608	ug/L #	94
19) 1,1-Dichloroethane	3.865	63	30292	1.301	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	10233	0.852	ug/L	97
34) Trichloroethene	6.537	95	32101	2.141	ug/L	93
35) Methylcyclohexane	6.685	83	22776	1.143	ug/L #	15
37) 1,2-Dichloropropane	6.685	63	11639	0.719	ug/L #	92
39) cis-1,3-Dichloropropene	7.563	75	2627	0.123	ug/L #	39
61) 1,2,3-Trichloropropane	11.807	75	13218	1.417	ug/L #	68

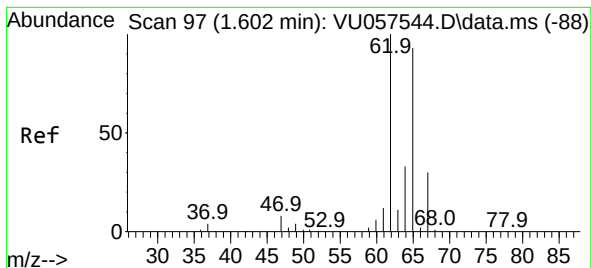
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.378 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU057553.D

Acq: 17 Jan 2024 20:41

Instrument :

MSVOA_U

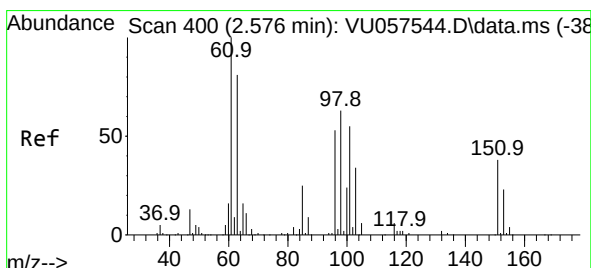
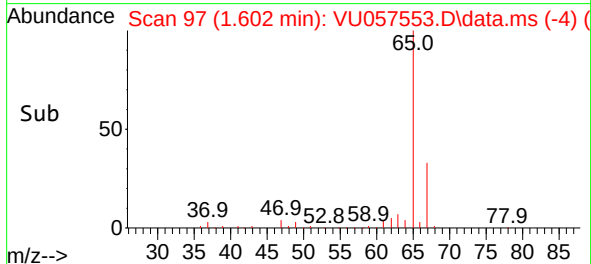
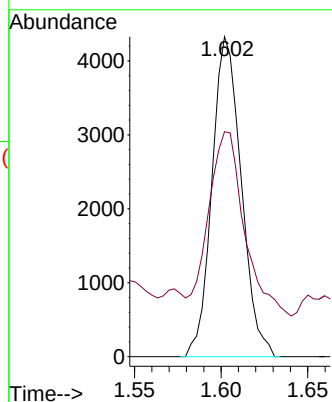
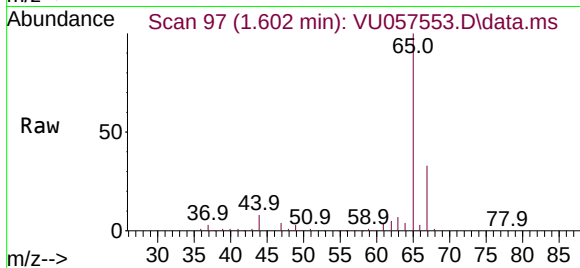
ClientSampleId :

Tgt Ion: 62 Resp: 5074

Ion Ratio Lower Upper

62 100

64 70.3 22.9 42.5#



#12

1,1-Dichloroethene

Concen: 0.655 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU057553.D

Acq: 17 Jan 2024 20:41

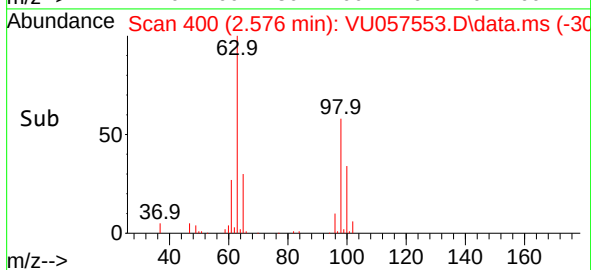
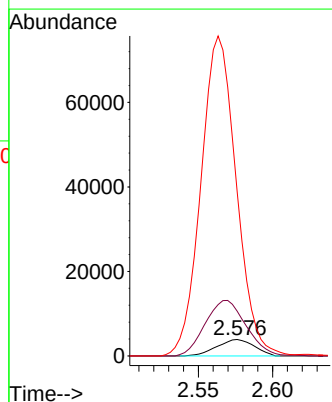
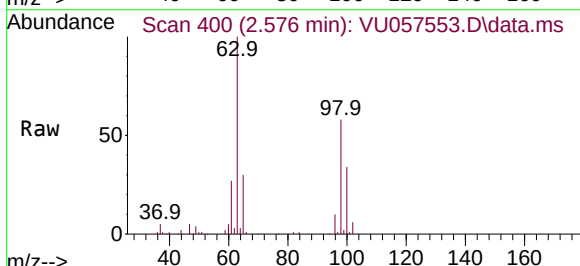
Tgt Ion: 96 Resp: 6817

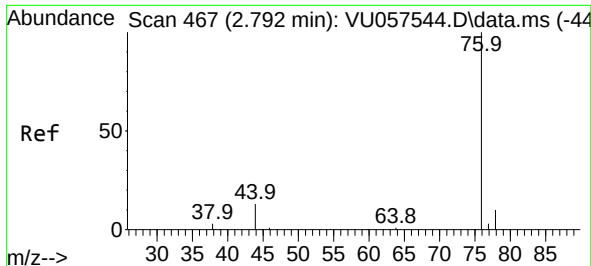
Ion Ratio Lower Upper

96 100

61 272.7 130.9 243.1#

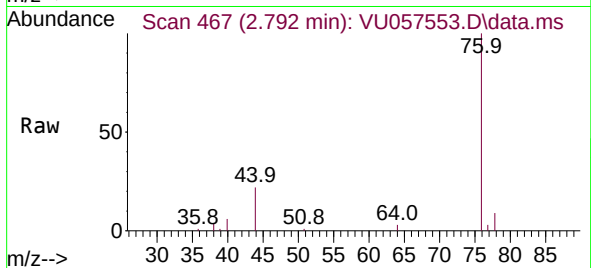
63 998.9 114.8 213.2#



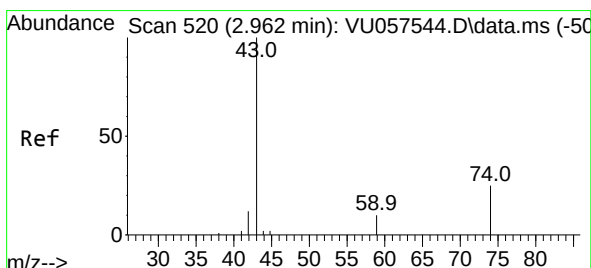
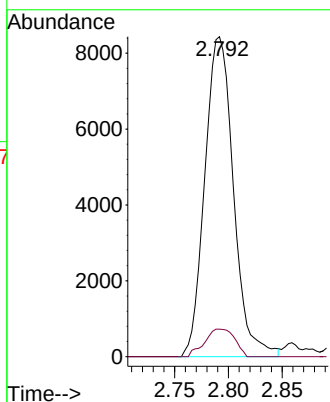
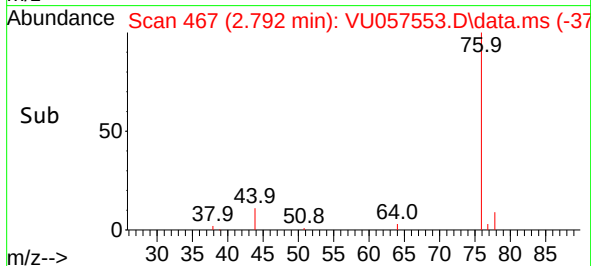


#14
Carbon disulfide
Concen: 0.539 ug/L
RT: 2.792 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU057553.D
Acq: 17 Jan 2024 20:41

Instrument :
MSVOA_U
ClientSampleId :

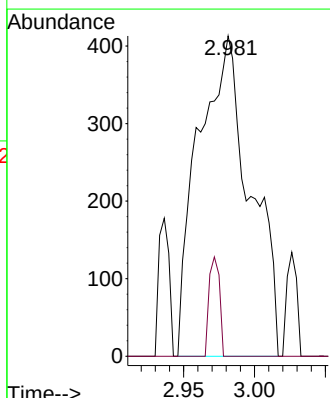
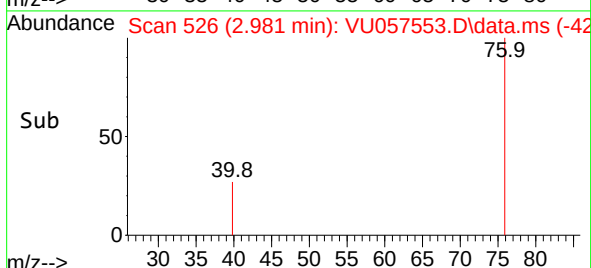
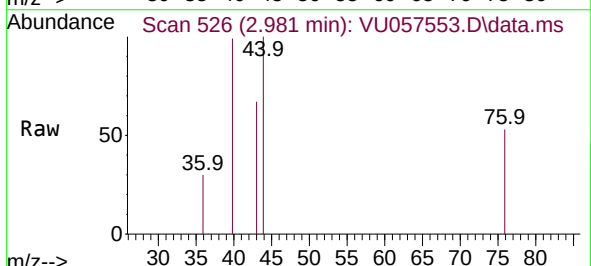


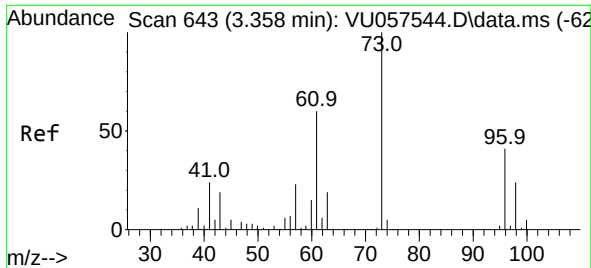
Tgt Ion: 76 Resp: 15650
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#15
Methyl Acetate
Concen: 0.226 ug/L
RT: 2.981 min Scan# 526
Delta R.T. 0.019 min
Lab File: VU057553.D
Acq: 17 Jan 2024 20:41

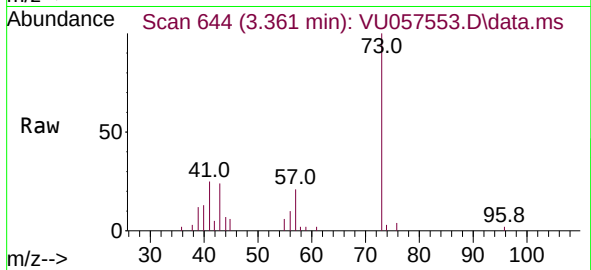
Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
74 6.2 18.6 27.8#



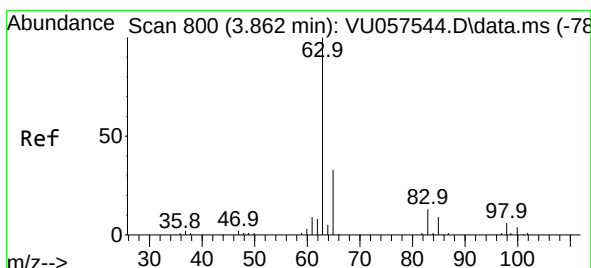
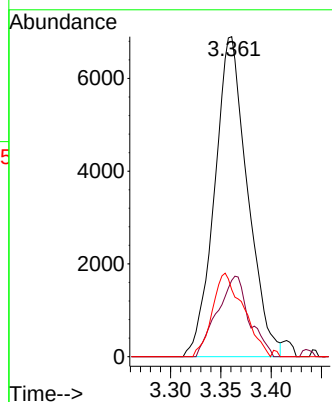
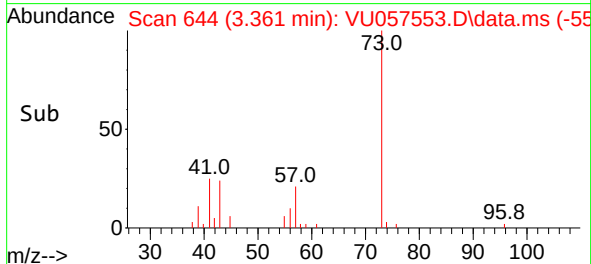


#17
Methyl tert-butyl Ether
Concen: 0.608 ug/L
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU057553.D
Acq: 17 Jan 2024 20:41

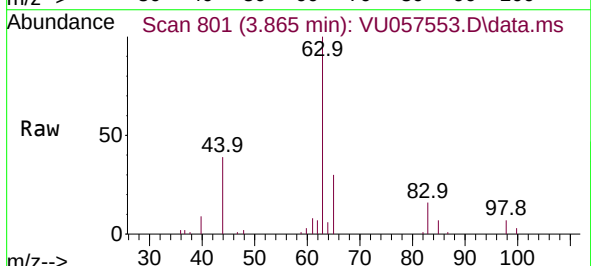
Instrument :
MSVOA_U
ClientSampleId :



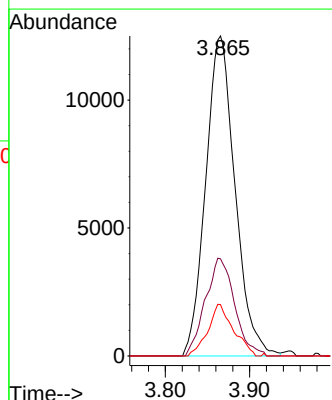
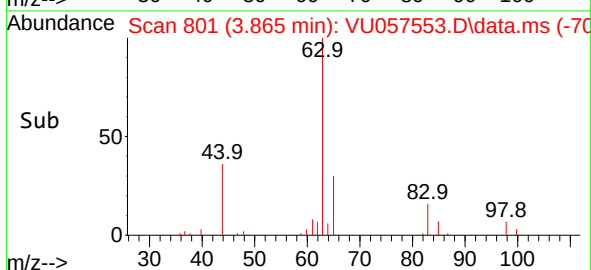
Tgt Ion: 73 Resp: 15684
Ion Ratio Lower Upper
73 100
43 24.4 16.1 24.1#
57 24.7 18.2 27.4

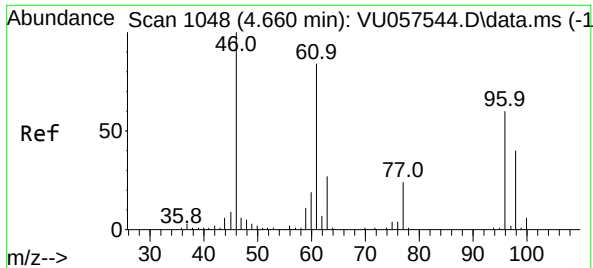


#19
1,1-Dichloroethane
Concen: 1.301 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU057553.D
Acq: 17 Jan 2024 20:41



Tgt Ion: 63 Resp: 30292
Ion Ratio Lower Upper
63 100
65 30.3 22.3 41.3
83 16.0 9.1 16.9

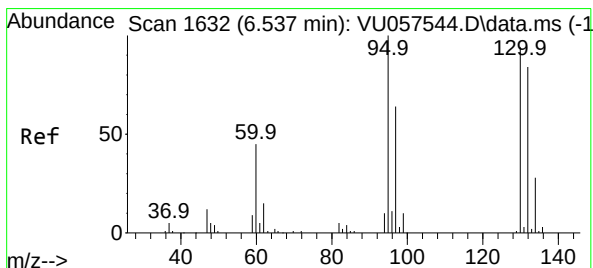
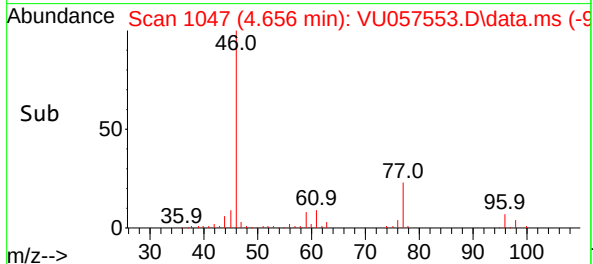
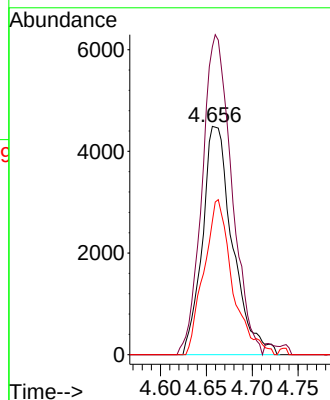
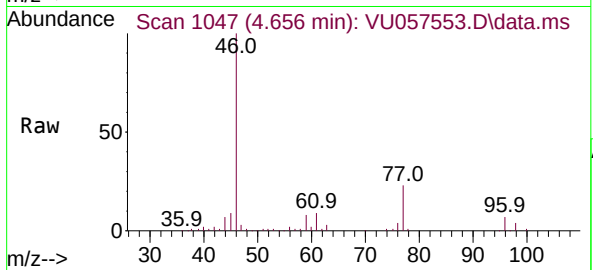




#22
cis-1,2-Dichloroethene
Concen: 0.852 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU057553.D
Acq: 17 Jan 2024 20:41

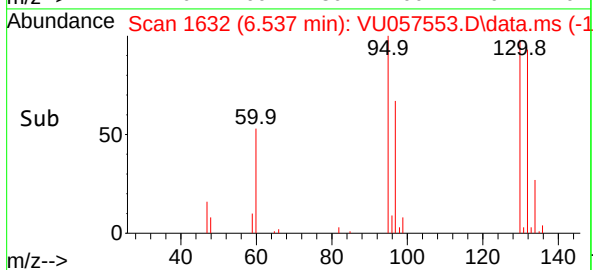
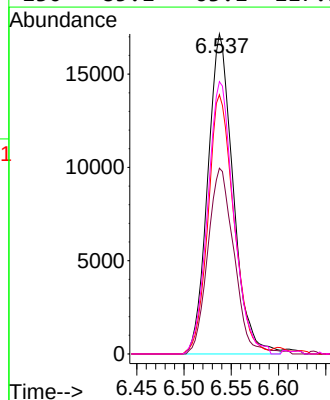
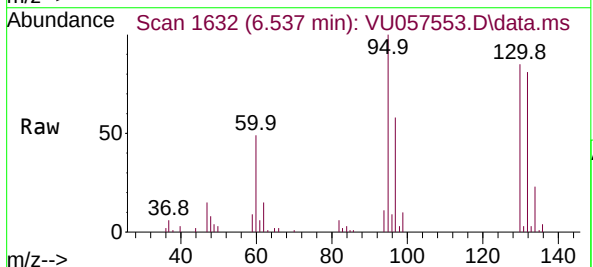
Instrument :
MSVOA_U
ClientSampleId :

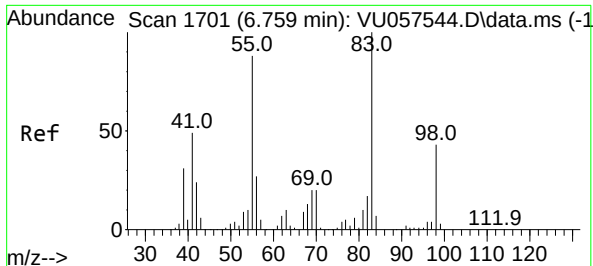
Tgt Ion: 96 Resp: 10233
Ion Ratio Lower Upper
96 100
61 134.9 93.4 173.4
98 58.4 44.9 83.3



#34
Trichloroethene
Concen: 2.141 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057553.D
Acq: 17 Jan 2024 20:41

Tgt Ion: 95 Resp: 32101
Ion Ratio Lower Upper
95 100
97 58.0 45.0 83.6
132 81.0 61.7 114.5
130 85.1 63.1 117.3





#35

Methylcyclohexane

Concen: 1.143 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057553.D

Acq: 17 Jan 2024 20:41

Instrument :

MSVOA_U

ClientSampleId :

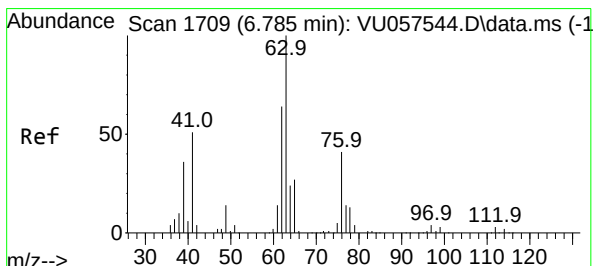
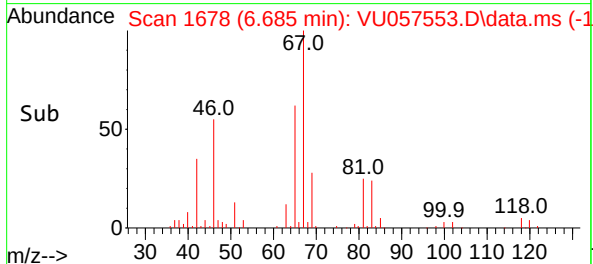
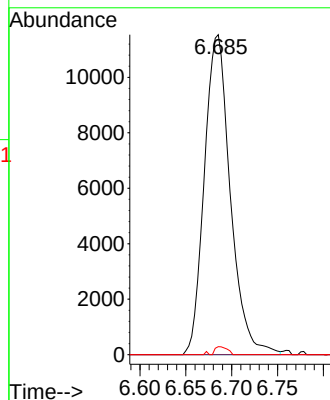
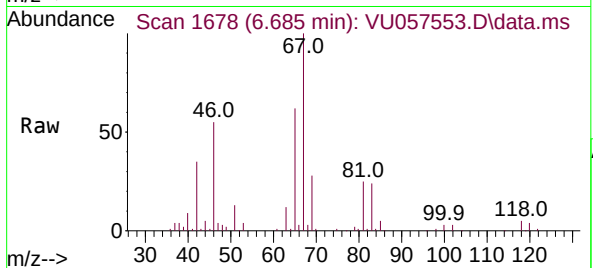
Tgt Ion: 83 Resp: 22776

Ion Ratio Lower Upper

83 100

55 0.0 68.7 103.1#

98 1.2 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.719 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU057553.D

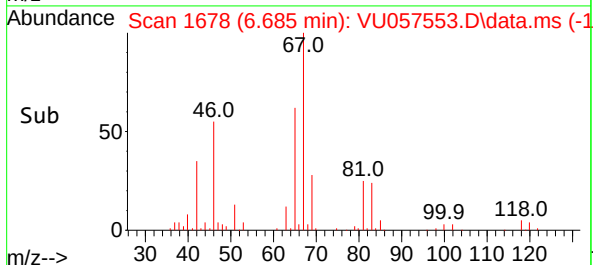
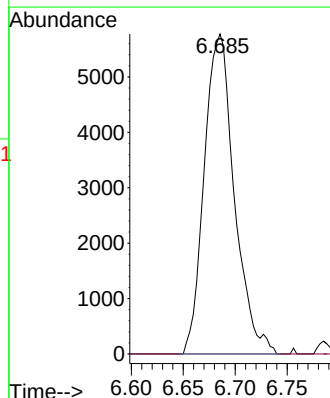
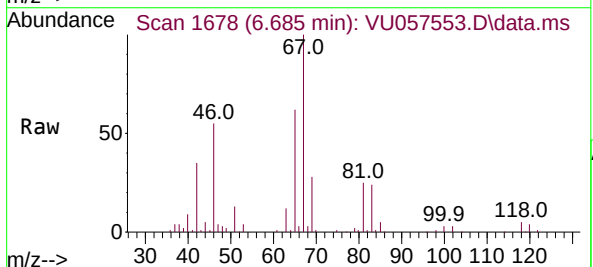
Acq: 17 Jan 2024 20:41

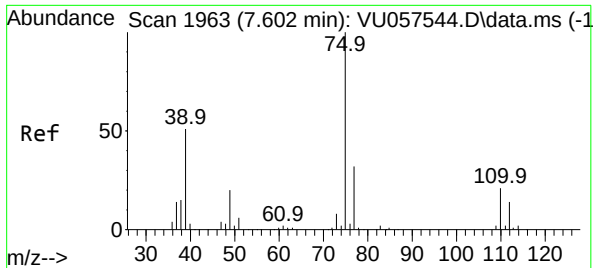
Tgt Ion: 63 Resp: 11639

Ion Ratio Lower Upper

63 100

112 0.8 2.7 4.1#

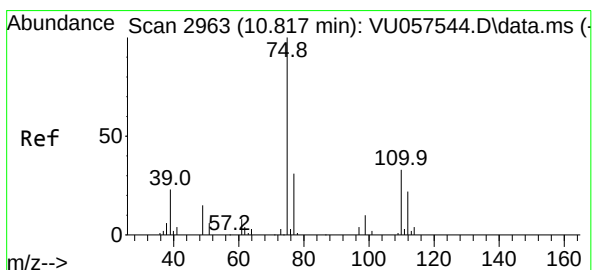
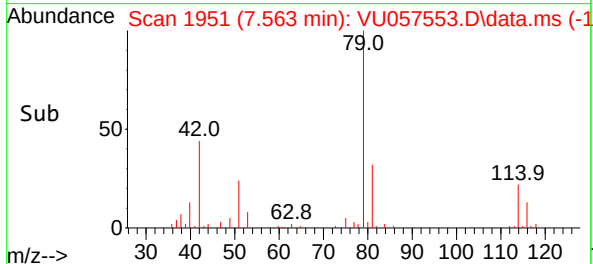
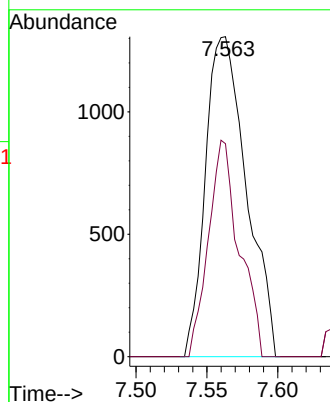
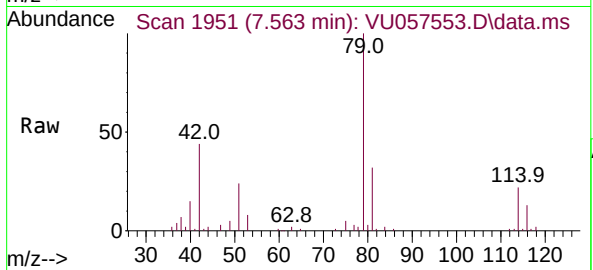




#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.563 min Scan# 1963
 Delta R.T. -0.039 min
 Lab File: VU057553.D
 Acq: 17 Jan 2024 20:41

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 2627
 Ion Ratio Lower Upper
 75 100
 77 66.6 22.5 41.9#



#61
 1,2,3-Trichloropropane
 Concen: 1.417 ug/L
 RT: 11.807 min Scan# 3271
 Delta R.T. 0.990 min
 Lab File: VU057553.D
 Acq: 17 Jan 2024 20:41

Tgt Ion: 75 Resp: 13218
 Ion Ratio Lower Upper
 75 100
 110 3.0 29.4 44.0#
 77 35.7 26.2 39.4

