

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057534.D
 Acq On : 15 Jan 2024 17:01
 Operator : MD/SY
 Sample : P1062-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWK4

Quant Time: Jan 16 00:37:22 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)

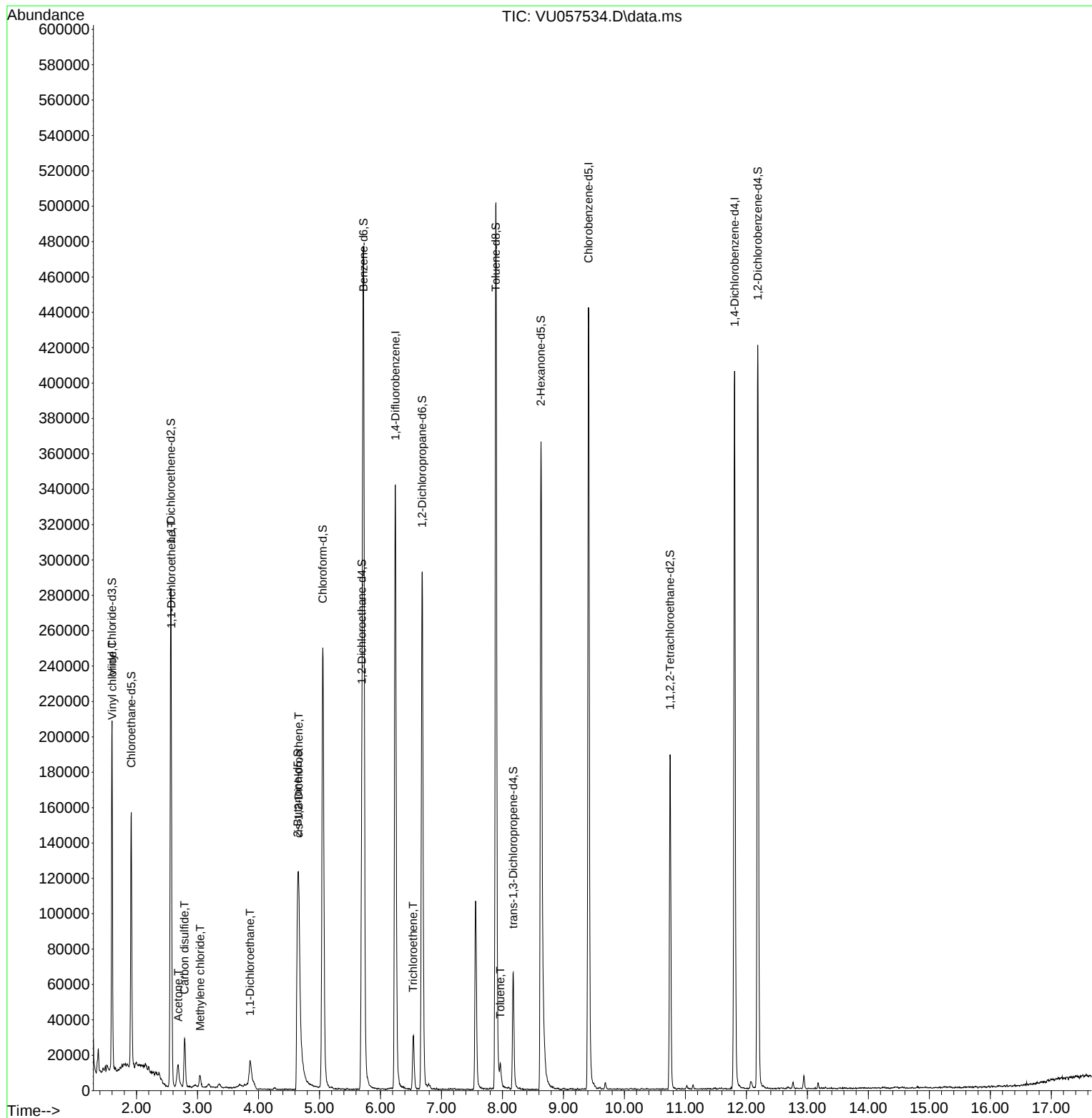
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	267954	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	239158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	102176	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	124827	4.591	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.914	69	106184	5.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.563	65	55334	4.813	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.644	46	216680	42.137	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.280%
24) Chloroform-d	5.055	84	236837	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.695	65	118230	5.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.721	84	443661	5.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.685	67	143449	5.275	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.891	98	343977	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.177	79	40284	4.261	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.630	63	113127	33.045	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.100%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	96213	5.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	105664	5.149	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
5) Vinyl chloride	1.602	62	19152	0.947	ug/L #	75
12) 1,1-Dichloroethene	2.570	96	4845	0.309	ug/L #	1
13) Acetone	2.685	43	14758	4.774	ug/L	92
14) Carbon disulfide	2.788	76	38885	0.889	ug/L	100
16) Methylene chloride	3.042	84	3073	0.145	ug/L	98
19) 1,1-Dichloroethane	3.862	63	13762	0.392	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	21923	1.212	ug/L	94
34) Trichloroethene	6.537	95	10502	0.569	ug/L	96
42) Toluene	7.965	91	8457	0.122	ug/L	92

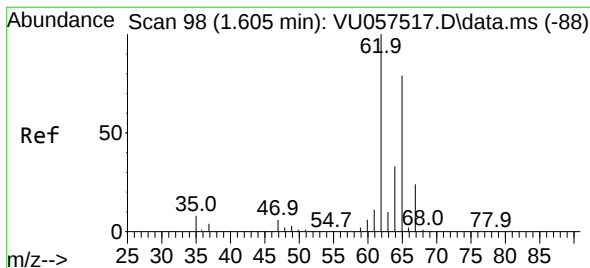
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.947 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.003 min

Lab File: VU057534.D

Acq: 15 Jan 2024 17:01

Instrument :

MSVOA_U

ClientSampleId :

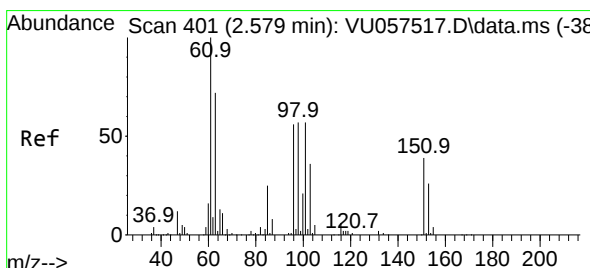
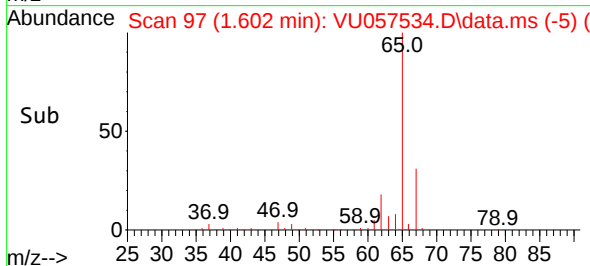
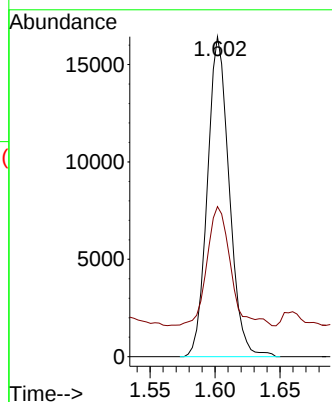
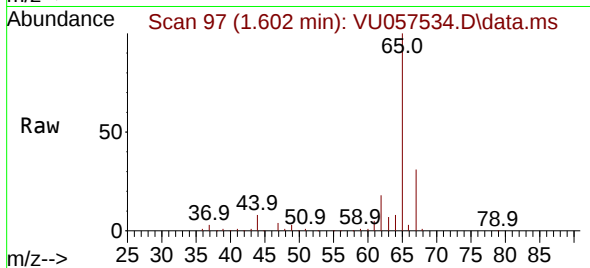
BGWK4

Tgt Ion: 62 Resp: 19152

Ion Ratio Lower Upper

62 100

64 46.9 22.9 42.5#



#12

1,1-Dichloroethene

Concen: 0.309 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.010 min

Lab File: VU057534.D

Acq: 15 Jan 2024 17:01

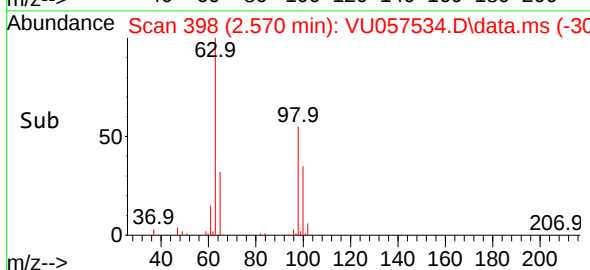
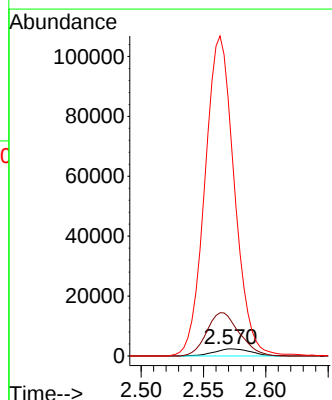
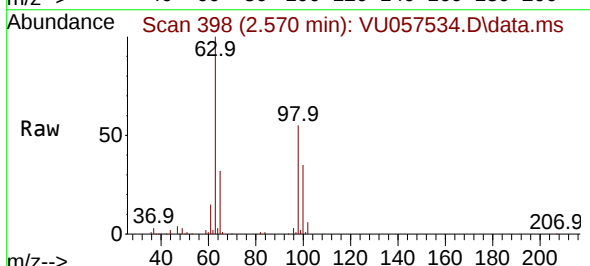
Tgt Ion: 96 Resp: 4845

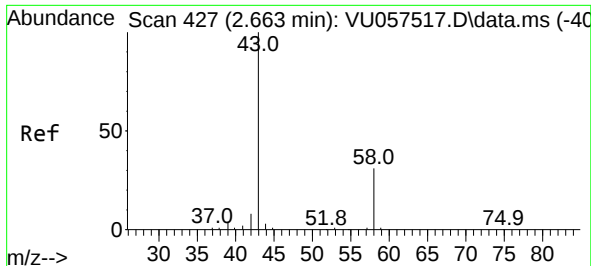
Ion Ratio Lower Upper

96 100

61 556.6 130.9 243.1#

63 3633.0 114.8 213.2#





#13

Acetone

Concen: 4.774 ug/L

RT: 2.685 min Scan# 41

Delta R.T. 0.023 min

Lab File: VU057534.D

Acq: 15 Jan 2024 17:01

Instrument :

MSVOA_U

ClientSampleId :

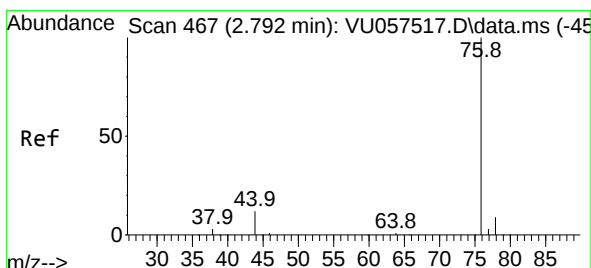
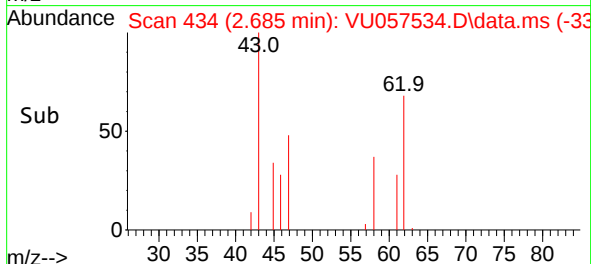
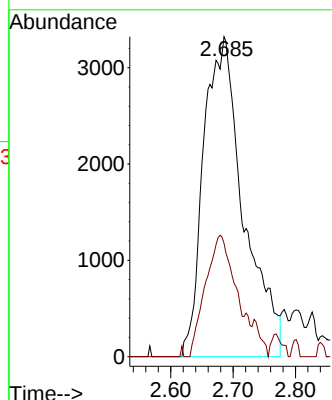
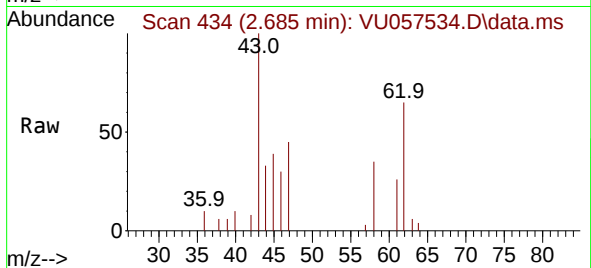
BGWK4

Tgt Ion: 43 Resp: 14758

Ion Ratio Lower Upper

43 100

58 29.3 0.0 67.8



#14

Carbon disulfide

Concen: 0.889 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU057534.D

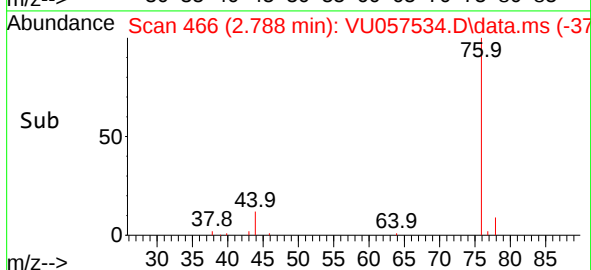
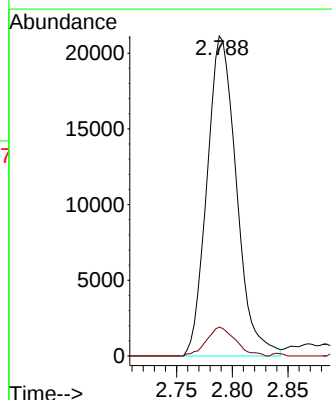
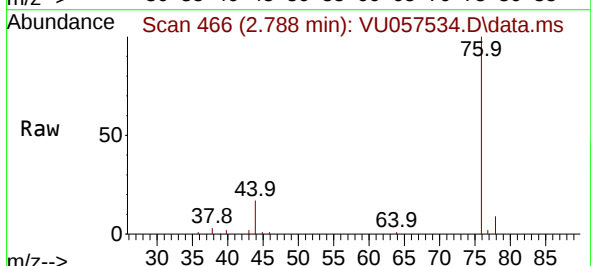
Acq: 15 Jan 2024 17:01

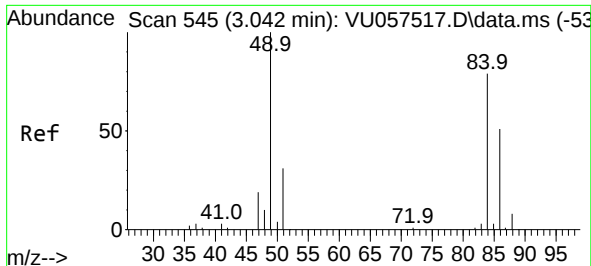
Tgt Ion: 76 Resp: 38885

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

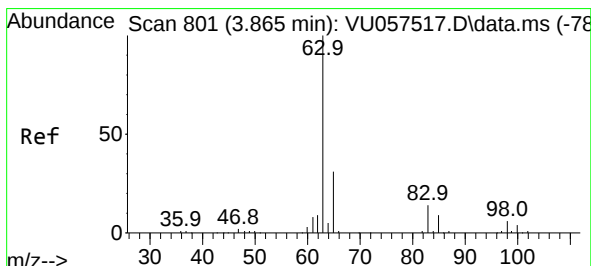
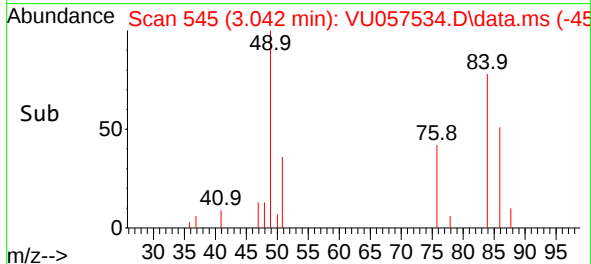
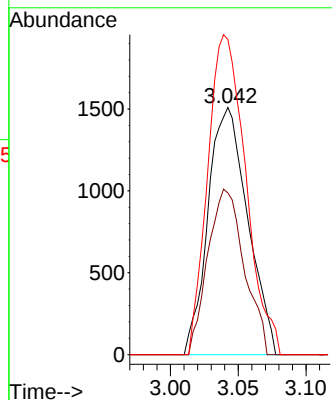
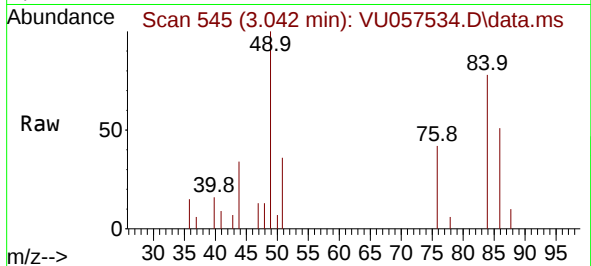




#16
Methylene chloride
Concen: 0.145 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU057534.D
Acq: 15 Jan 2024 17:01

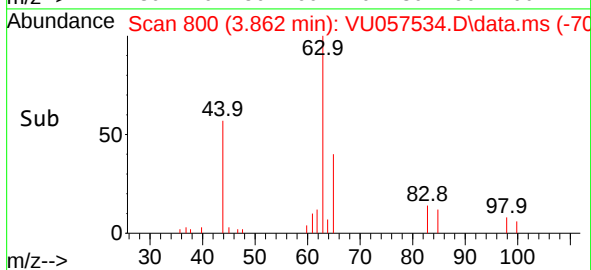
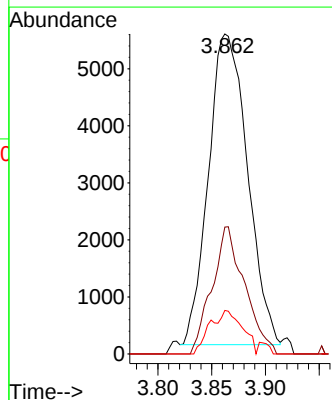
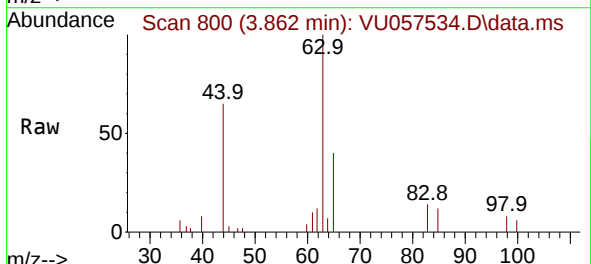
Instrument :
MSVOA_U
ClientSampleId :
BGWK4

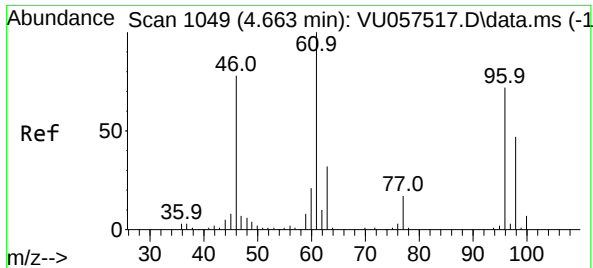
Tgt Ion: 84 Resp: 3073
Ion Ratio Lower Upper
84 100
86 65.5 45.8 85.2
49 127.6 86.7 161.1



#19
1,1-Dichloroethane
Concen: 0.392 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.003 min
Lab File: VU057534.D
Acq: 15 Jan 2024 17:01

Tgt Ion: 63 Resp: 13762
Ion Ratio Lower Upper
63 100
65 37.2 22.3 41.3
83 12.8 9.1 16.9

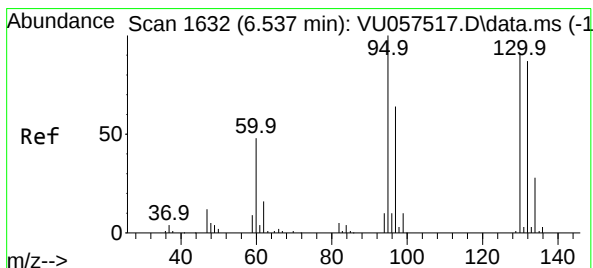
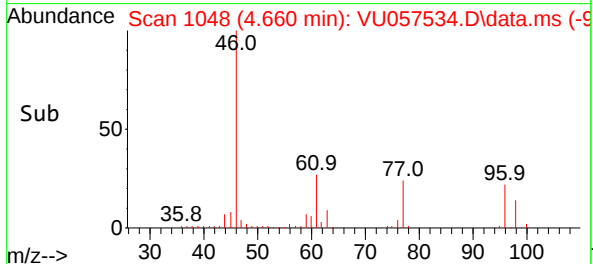
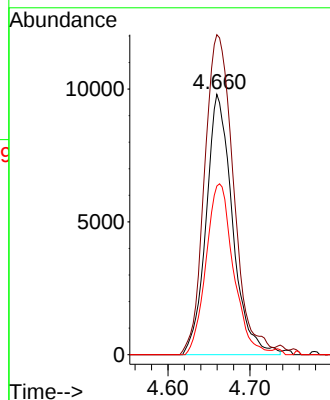
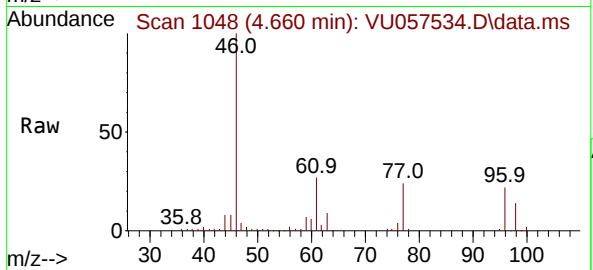




#22
cis-1,2-Dichloroethene
Concen: 1.212 ug/L
RT: 4.660 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU057534.D
Acq: 15 Jan 2024 17:01

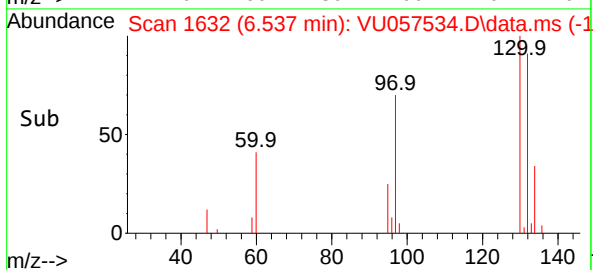
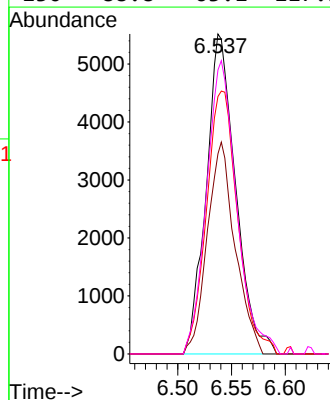
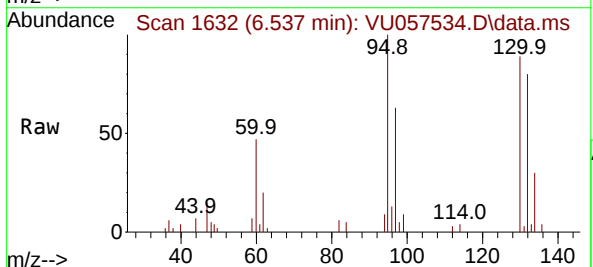
Instrument :
MSVOA_U
ClientSampleId :
BGWK4

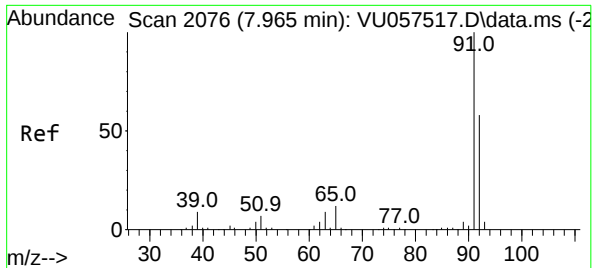
Tgt Ion: 96 Resp: 21923
Ion Ratio Lower Upper
96 100
61 122.9 93.4 173.4
98 64.8 44.9 83.3



#34
Trichloroethene
Concen: 0.569 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057534.D
Acq: 15 Jan 2024 17:01

Tgt Ion: 95 Resp: 10502
Ion Ratio Lower Upper
95 100
97 62.6 45.0 83.6
132 80.4 61.7 114.5
130 88.8 63.1 117.3





#42
 Toluene
 Concen: 0.122 ug/L
 RT: 7.965 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU057534.D
 Acq: 15 Jan 2024 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWK4

Tgt Ion: 91 Resp: 8457
 Ion Ratio Lower Upper
 91 100
 92 64.7 41.2 76.4

