

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
 Data File : VU057550.D
 Acq On : 17 Jan 2024 19:29
 Operator : MD/SY
 Sample : P1120-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWJ1

Quant Time: Jan 18 01:12:14 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)

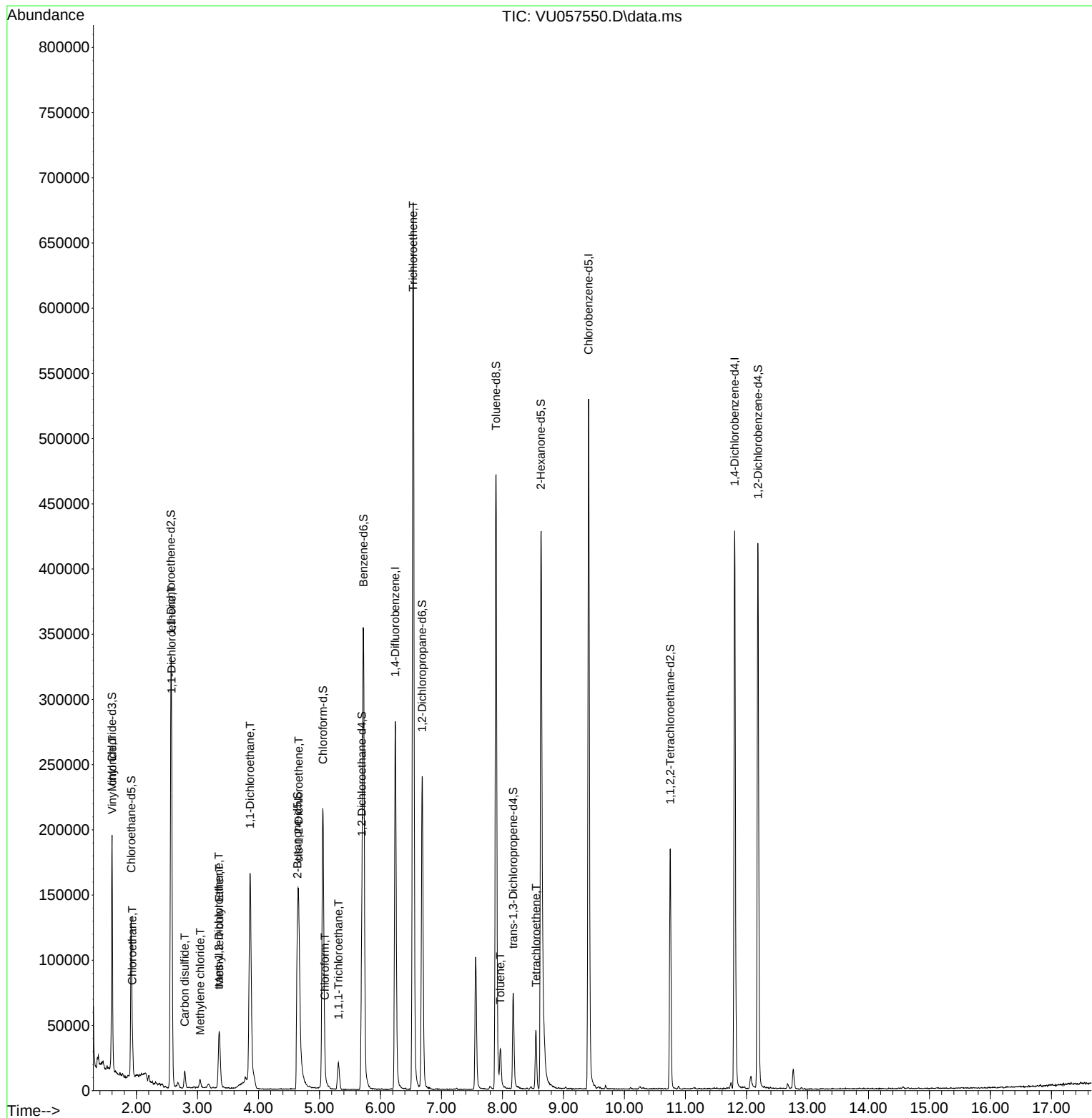
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	213455	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	291355	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	110182	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	107145	4.947	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.914	69	88392	5.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.563	65	47531	5.190	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.800%
20) 2-Butanone-d5	4.637	46	219771	53.649	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.300%
24) Chloroform-d	5.055	84	199416	5.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	5.695	65	93341	5.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.721	84	318452	2.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	60.000%#
36) 1,2-Dichloropropane-d6	6.682	67	108624	3.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	65.600%
41) Toluene-d8	7.894	98	322834	3.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	8.177	79	44175	3.835	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.631	63	139547	33.460	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.920%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	91308	4.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	105269	4.757	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	22105	1.373	ug/L	87
8) Chloroethane	1.933	64	15947	1.588	ug/L	98
12) 1,1-Dichloroethene	2.576	96	48341	3.876	ug/L	81
14) Carbon disulfide	2.792	76	18768	0.539	ug/L	96
16) Methylene chloride	3.043	84	2568	0.152	ug/L #	63
17) Methyl tert-butyl Ether	3.358	73	40966	1.324	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	1760	0.142	ug/L	85
19) 1,1-Dichloroethane	3.862	63	186202	6.666	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	37748	2.619	ug/L	97
25) Chloroform	5.087	83	5461	0.189	ug/L	91
29) 1,1,1-Trichloroethane	5.313	97	13223	0.368	ug/L	91
34) Trichloroethene	6.534	95	236782	10.530	ug/L	99
42) Toluene	7.965	91	20336	0.241	ug/L	98
47) Tetrachloroethene	8.550	164	10013	0.670	ug/L	97

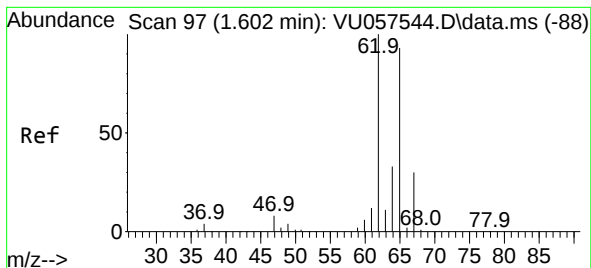
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 18 01:10:22 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.373 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057550.D

Acq: 17 Jan 2024 19:29

Instrument :

MSVOA_U

ClientSampleId :

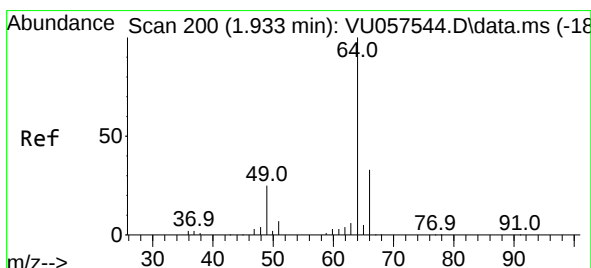
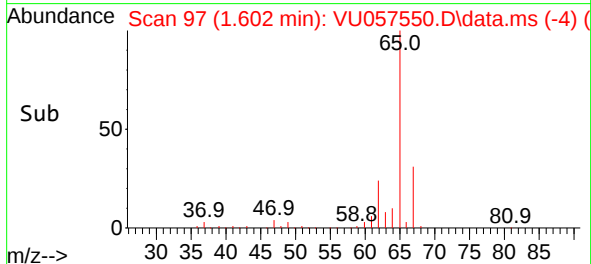
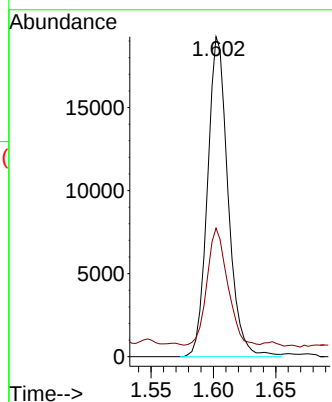
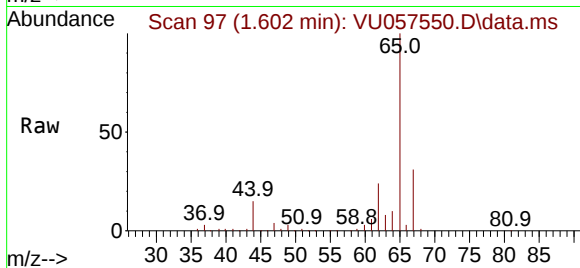
BGWJ1

Tgt Ion: 62 Resp: 22105

Ion Ratio Lower Upper

62 100

64 40.1 22.9 42.5



#8

Chloroethane

Concen: 1.588 ug/L

RT: 1.933 min Scan# 200

Delta R.T. 0.000 min

Lab File: VU057550.D

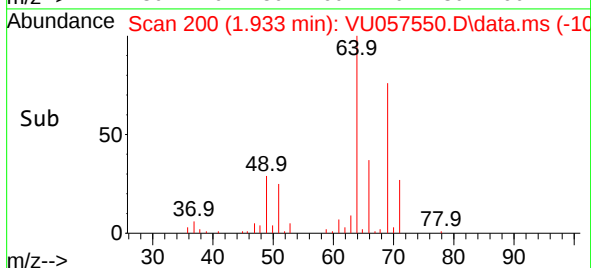
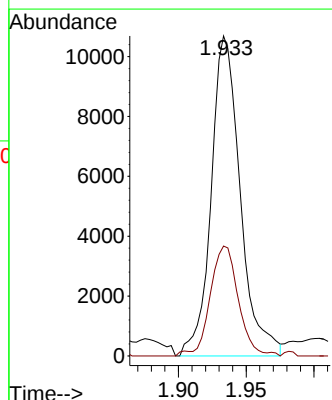
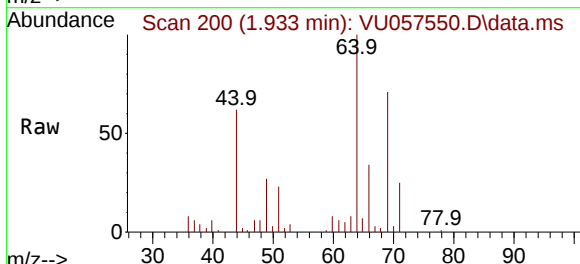
Acq: 17 Jan 2024 19:29

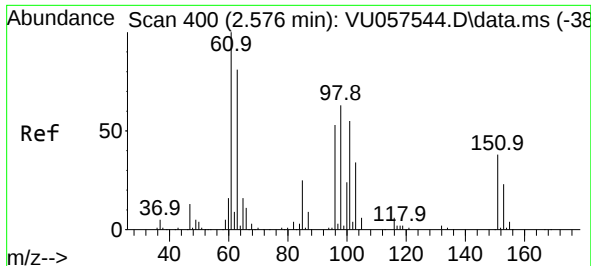
Tgt Ion: 64 Resp: 15947

Ion Ratio Lower Upper

64 100

66 32.1 23.3 43.3

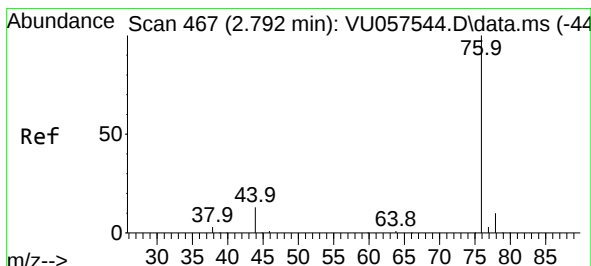
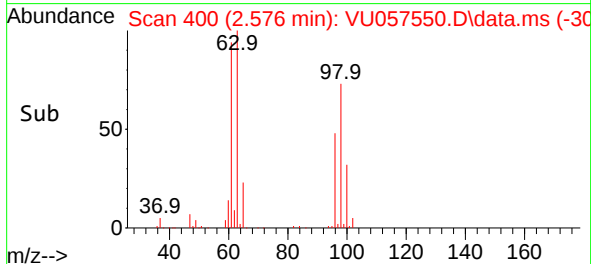
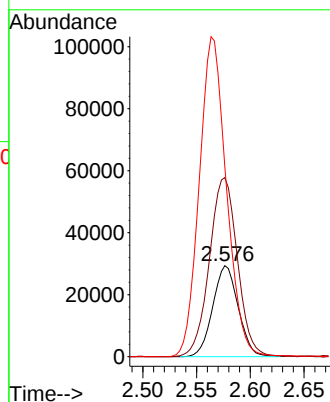
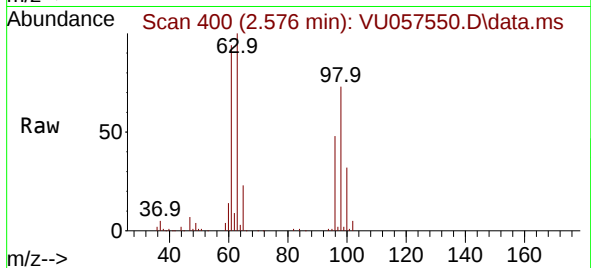




#12
1,1-Dichloroethene
Concen: 3.876 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057550.D
Acq: 17 Jan 2024 19:29

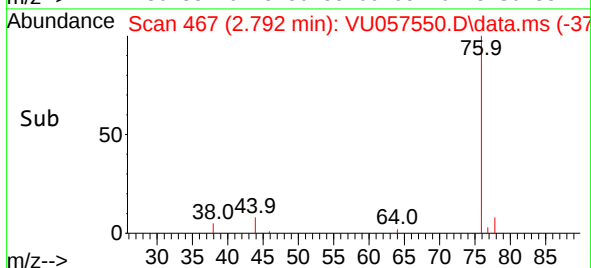
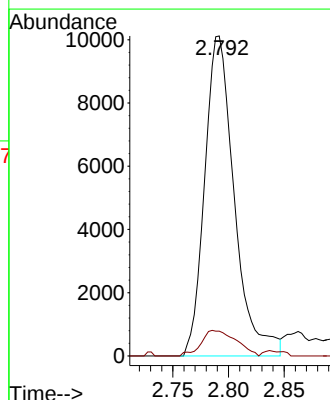
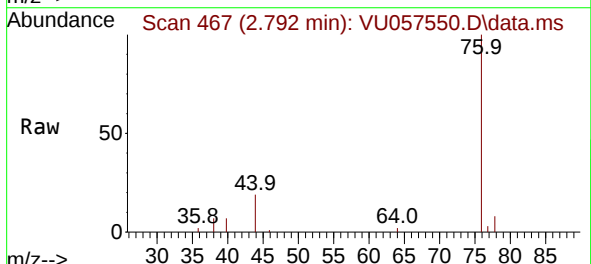
Instrument :
MSVOA_U
ClientSampleId :
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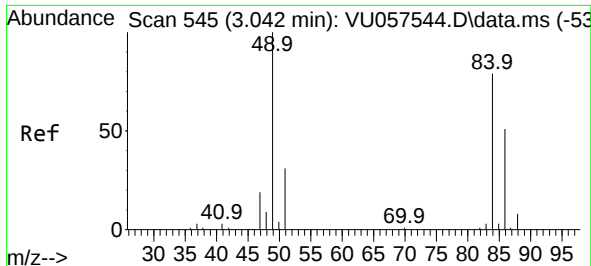
Tgt Ion: 96 Resp: 48341
Ion Ratio Lower Upper
96 100
61 196.7 130.9 243.1
63 208.4 114.8 213.2



#14
Carbon disulfide
Concen: 0.539 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.000 min
Lab File: VU057550.D
Acq: 17 Jan 2024 19:29

Tgt Ion: 76 Resp: 18768
Ion Ratio Lower Upper
76 100
78 7.7 7.3 10.9

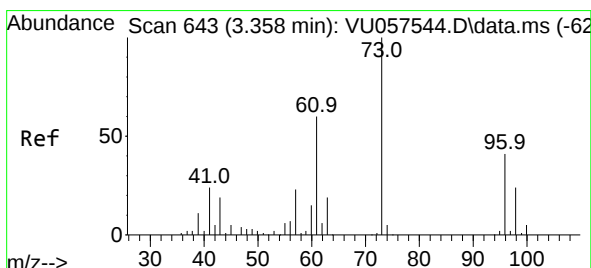
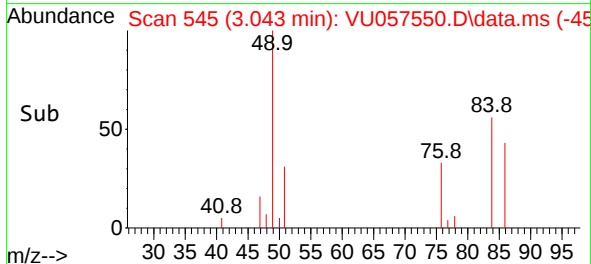
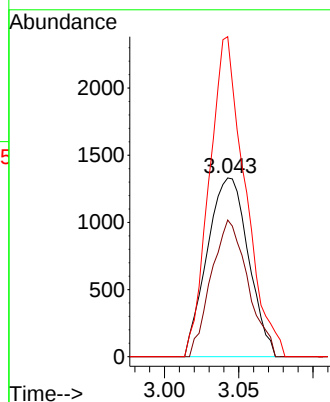
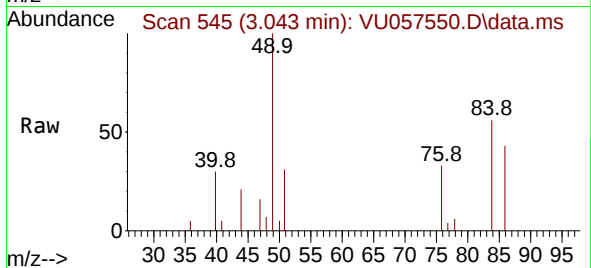




#16
Methylene chloride
Concen: 0.152 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057550.D
Acq: 17 Jan 2024 19:29

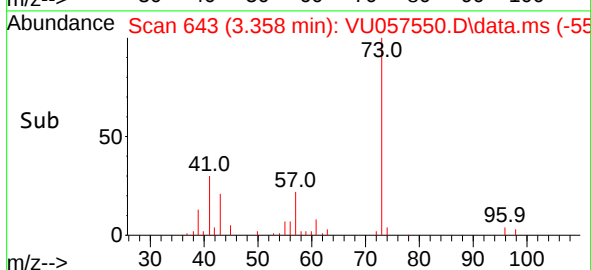
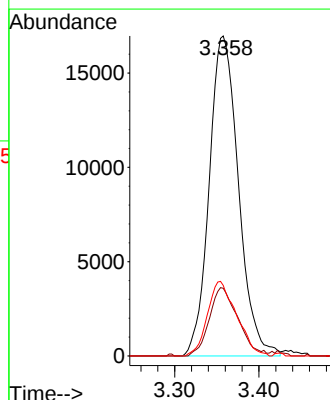
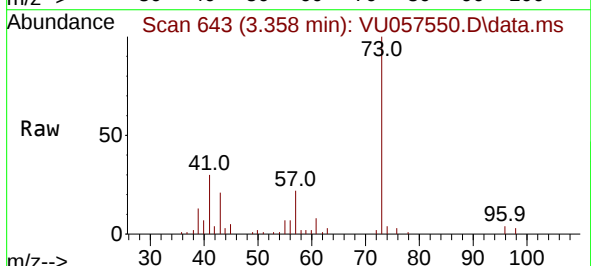
Instrument :
MSVOA_U
ClientSampleId :
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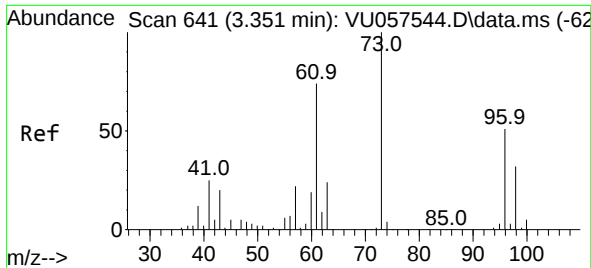
Tgt Ion: 84 Resp: 2568
Ion Ratio Lower Upper
84 100
86 76.5 45.8 85.2
49 179.1 86.7 161.1#



#17
Methyl tert-butyl Ether
Concen: 1.324 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057550.D
Acq: 17 Jan 2024 19:29

Tgt Ion: 73 Resp: 40966
Ion Ratio Lower Upper
73 100
43 21.0 16.1 24.1
57 23.2 18.2 27.4

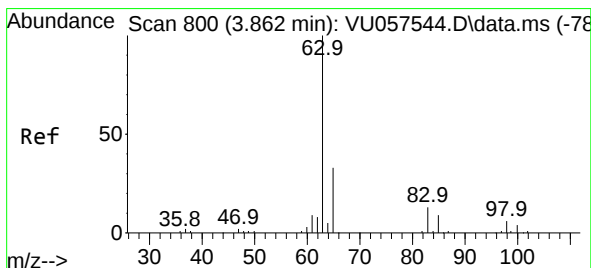
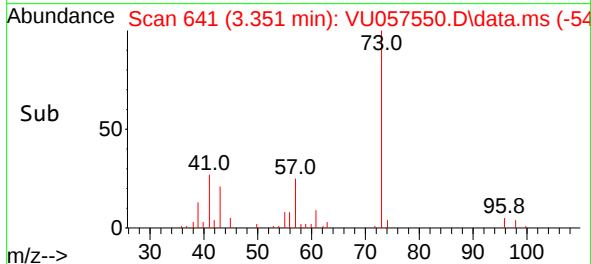
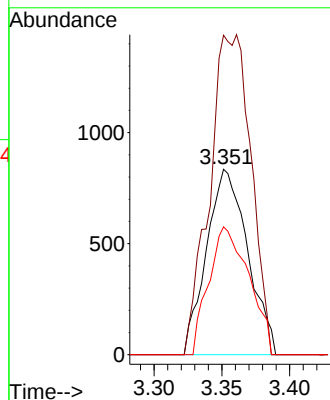
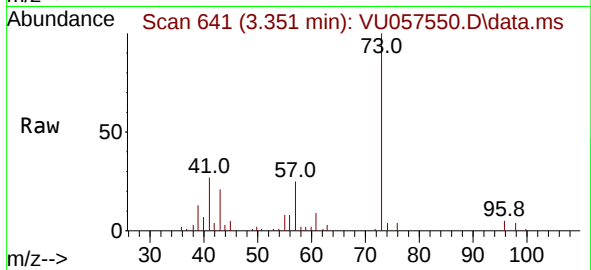




#18
trans-1,2-Dichloroethene
Concen: 0.142 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU057550.D
Acq: 17 Jan 2024 19:29

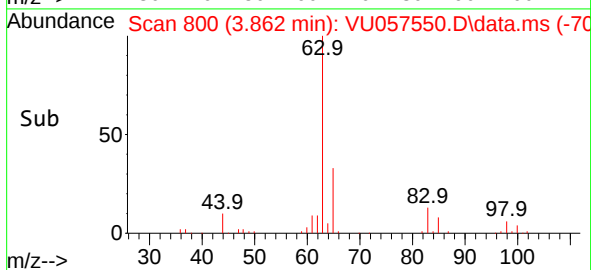
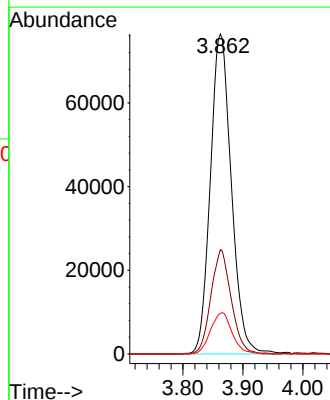
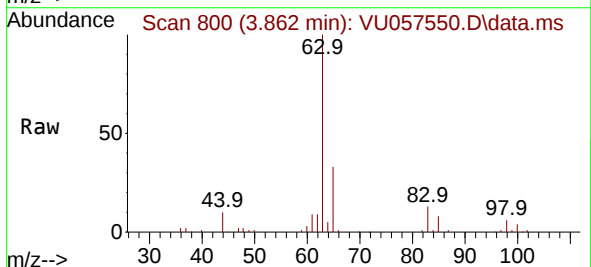
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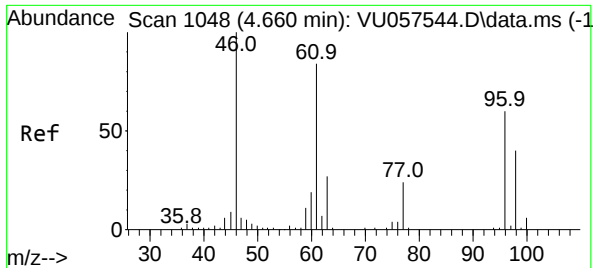
Tgt Ion: 96 Resp: 1760
Ion Ratio Lower Upper
96 100
61 172.3 105.1 195.3
98 69.0 43.7 81.1



#19
1,1-Dichloroethane
Concen: 6.666 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057550.D
Acq: 17 Jan 2024 19:29

Tgt Ion: 63 Resp: 186202
Ion Ratio Lower Upper
63 100
65 32.6 22.3 41.3
83 12.8 9.1 16.9

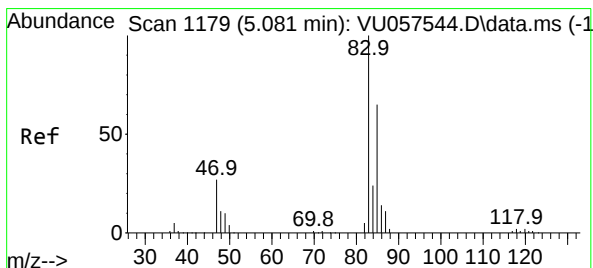
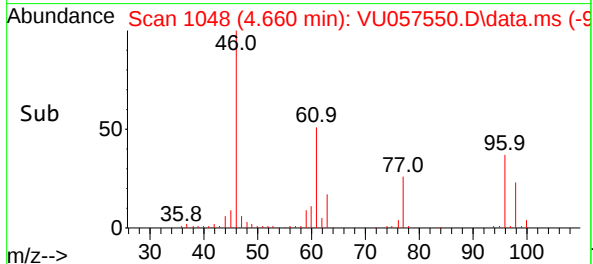
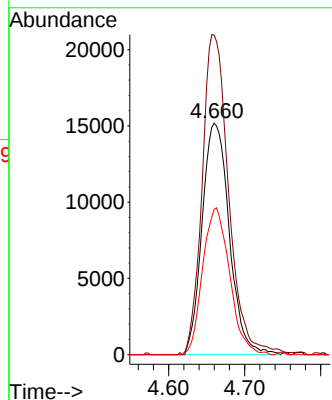
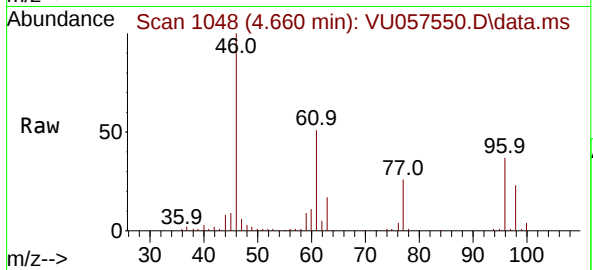




#22
cis-1,2-Dichloroethene
Concen: 2.619 ug/L
RT: 4.660 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU057550.D
Acq: 17 Jan 2024 19:29

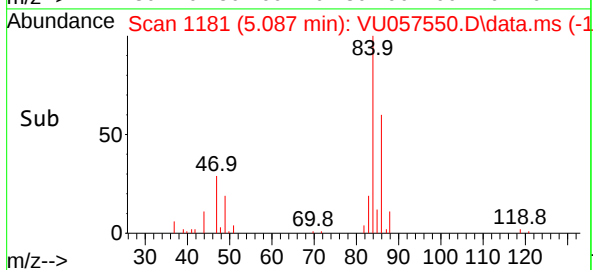
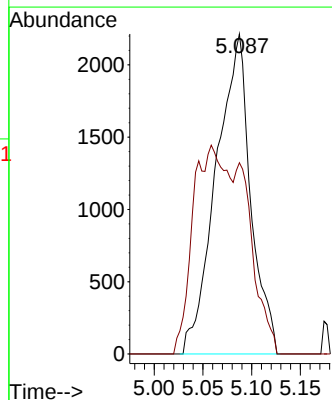
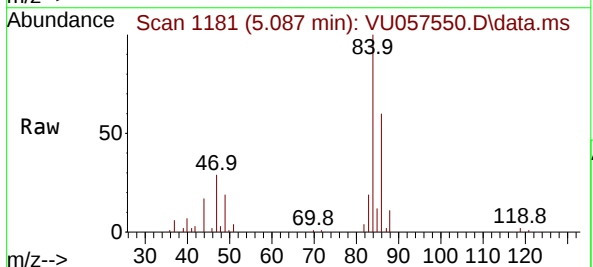
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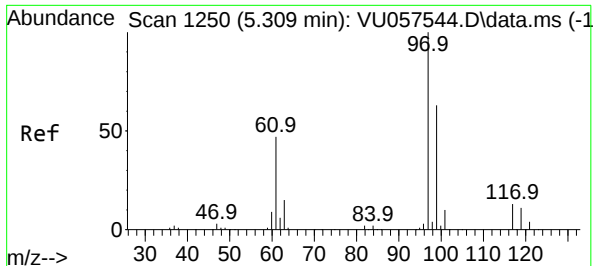
Tgt Ion: 96 Resp: 37748
Ion Ratio Lower Upper
96 100
61 138.1 93.4 173.4
98 62.8 44.9 83.3



#25
Chloroform
Concen: 0.189 ug/L
RT: 5.087 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VU057550.D
Acq: 17 Jan 2024 19:29

Tgt Ion: 83 Resp: 5461
Ion Ratio Lower Upper
83 100
85 59.8 46.7 86.7

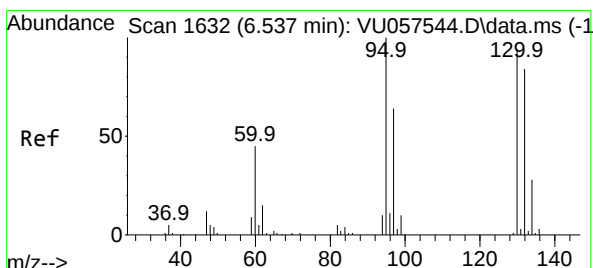
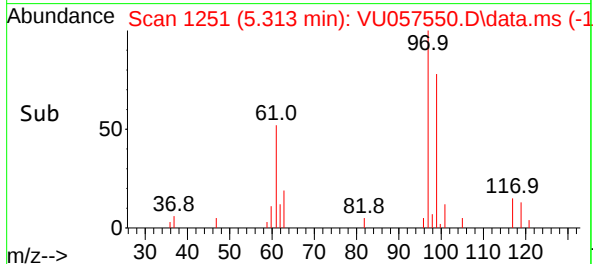
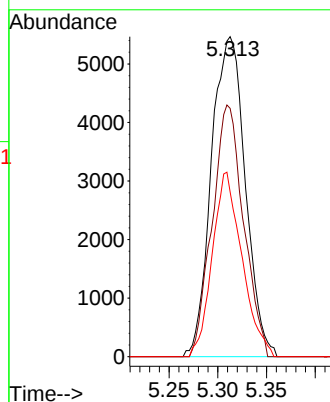
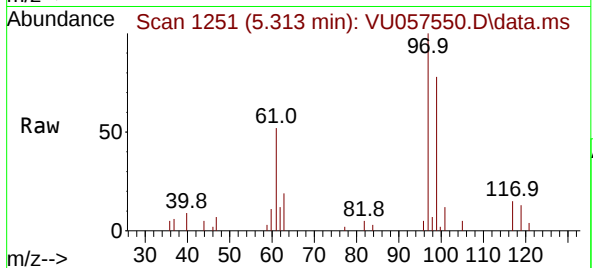




#29
1,1,1-Trichloroethane
Concen: 0.368 ug/L
RT: 5.313 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU057550.D
Acq: 17 Jan 2024 19:29

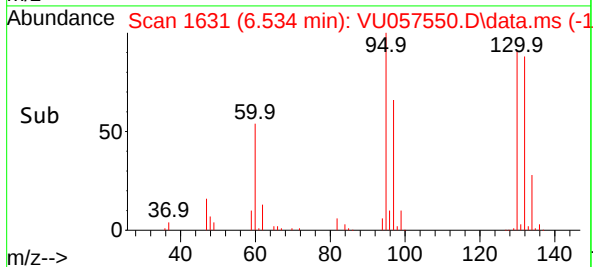
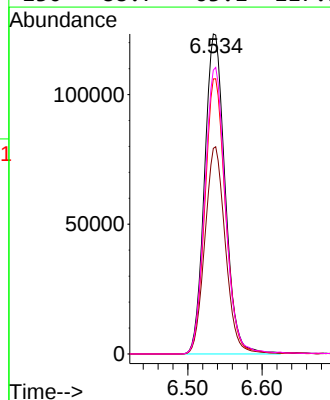
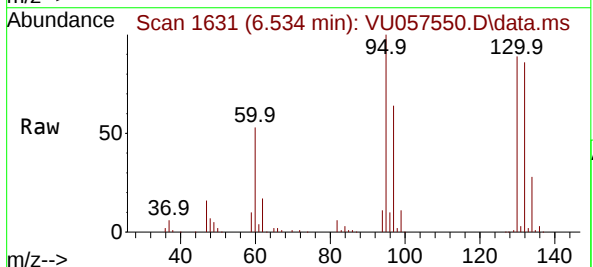
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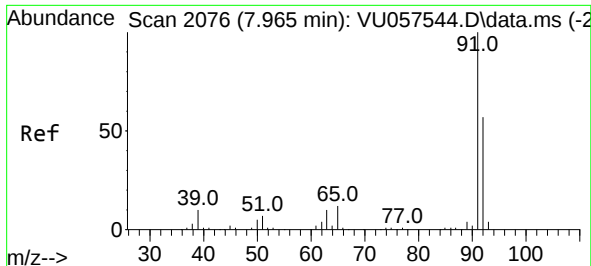
Tgt Ion: 97 Resp: 13223
Ion Ratio Lower Upper
97 100
99 72.7 51.4 77.0
61 50.4 36.9 55.3



#34
Trichloroethene
Concen: 10.530 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU057550.D
Acq: 17 Jan 2024 19:29

Tgt Ion: 95 Resp: 236782
Ion Ratio Lower Upper
95 100
97 64.2 45.0 83.6
132 86.0 61.7 114.5
130 88.7 63.1 117.3





#42

Toluene

Concen: 0.241 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057550.D

Acq: 17 Jan 2024 19:29

Instrument :

MSVOA_U

ClientSampleId :

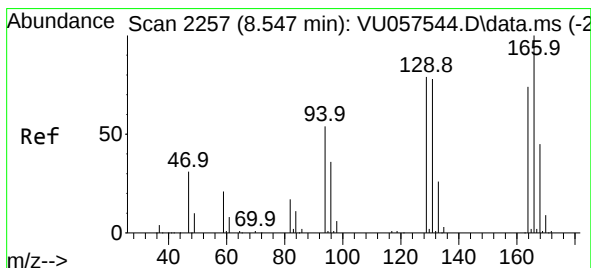
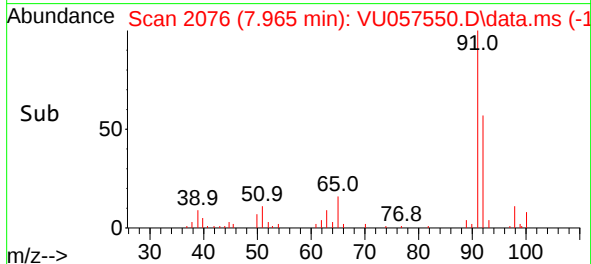
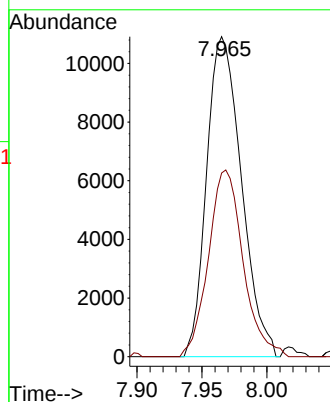
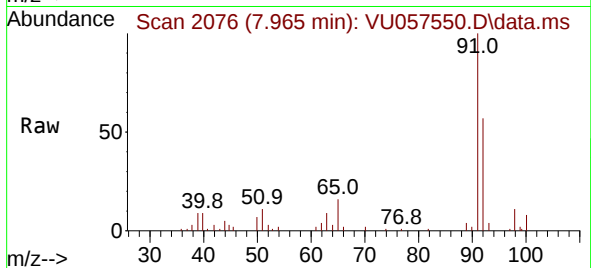
BGWJ1

Tgt Ion: 91 Resp: 20336

Ion Ratio Lower Upper

91 100

92 57.4 41.2 76.4



#47

Tetrachloroethene

Concen: 0.670 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU057550.D

Acq: 17 Jan 2024 19:29

Tgt Ion: 164 Resp: 10013

Ion Ratio Lower Upper

164 100

129 107.3 74.8 138.8

131 94.0 70.3 130.7

166 128.1 88.3 163.9

