

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011724\
 Data File : VU057546.D
 Acq On : 17 Jan 2024 17:52
 Operator : MD/SY
 Sample : P1120-02 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:11:14 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)

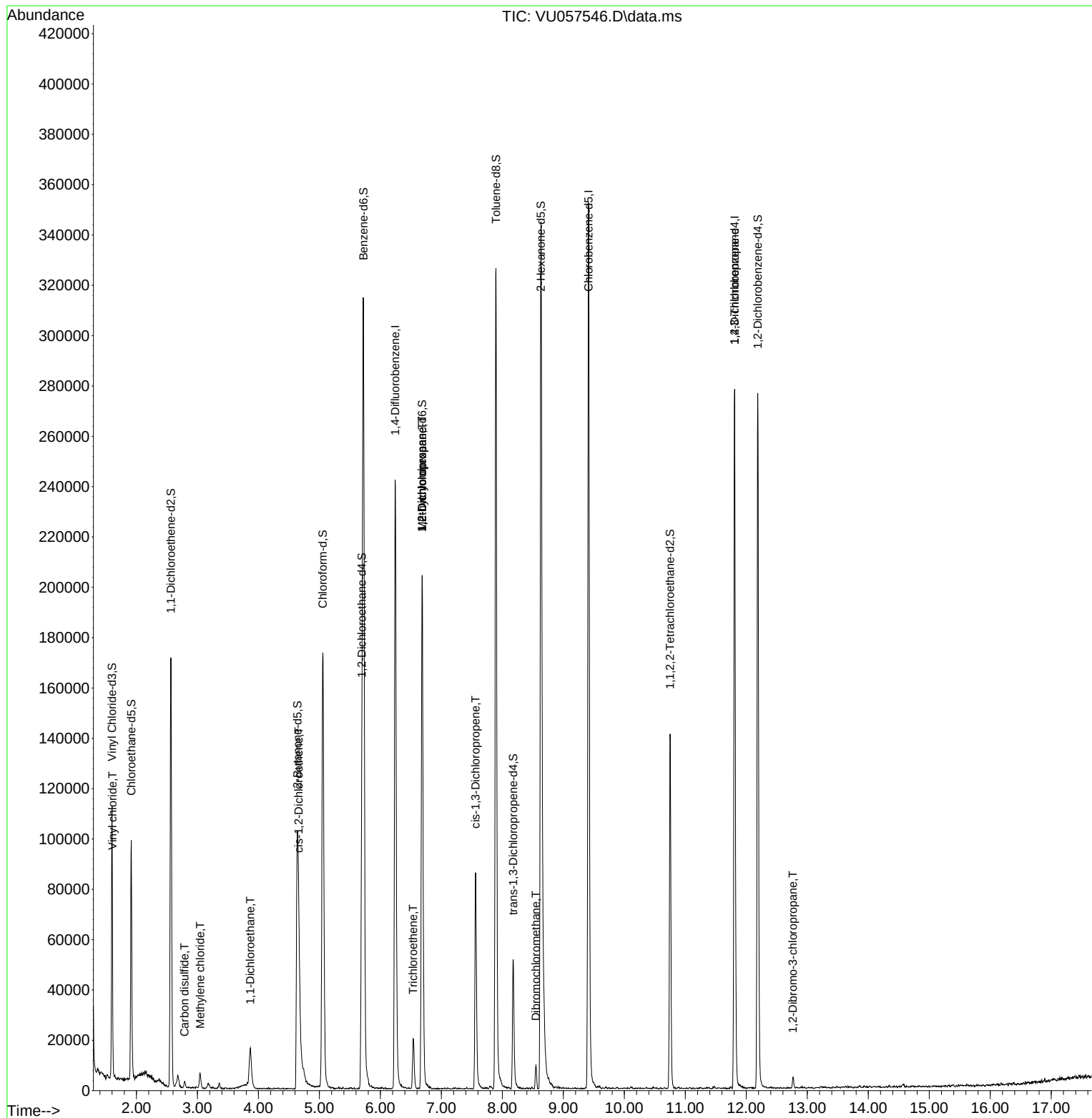
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	191156	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	191915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70114	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73528	3.791	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.914	69	70099	4.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.563	65	32065	3.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.637	46	183460	50.010	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.020%
24) Chloroform-d	5.055	84	162001	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.695	65	81517	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.721	84	290272	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.682	67	95451	4.374	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.894	98	217217	3.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.177	79	29227	3.852	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.631	63	109755	39.953	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	68995	4.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	70144	4.982	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.605	62	3376	0.234	ug/L #	72
14) Carbon disulfide	2.788	76	3493	0.112	ug/L	96
16) Methylene chloride	3.042	84	2514	0.166	ug/L	94
19) 1,1-Dichloroethane	3.866	63	17116	0.684	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	8785	0.681	ug/L	98
34) Trichloroethene	6.538	95	7104	0.480	ug/L	85
35) Methylcyclohexane	6.685	83	21372	1.085	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	10545	0.659	ug/L #	90
39) cis-1,3-Dichloropropene	7.560	75	2547	0.120	ug/L	92
49) Dibromochloromethane	8.550	129	1942	0.175	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	9312	1.419	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.762	75	85	0.068	ug/L #	10

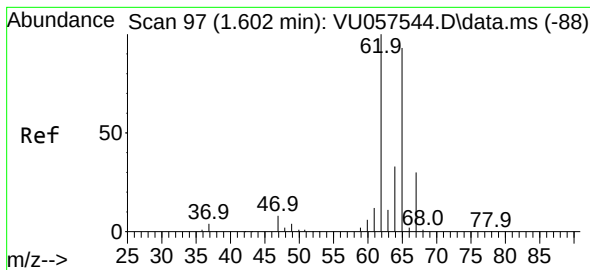
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 18 01:10:22 2024
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#5

Vinyl chloride

Concen: 0.234 ug/L

RT: 1.605 min Scan# 9

Delta R.T. 0.003 min

Lab File: VU057546.D

Acq: 17 Jan 2024 17:52

Instrument :

MSVOA_U

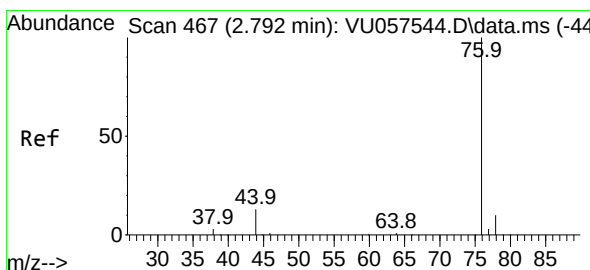
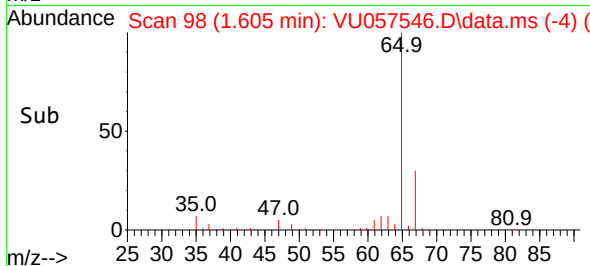
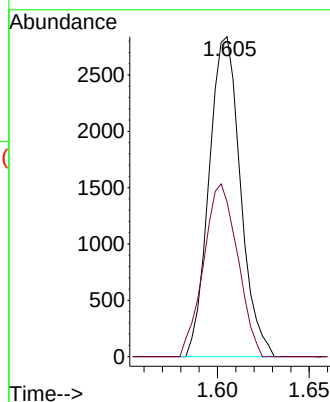
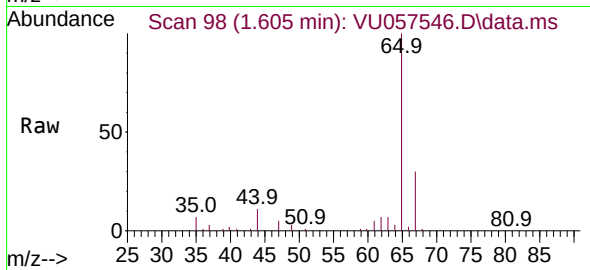
ClientSampleId :

Tgt Ion: 62 Resp: 3376

Ion Ratio Lower Upper

62 100

64 48.3 22.9 42.5#



#14

Carbon disulfide

Concen: 0.112 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU057546.D

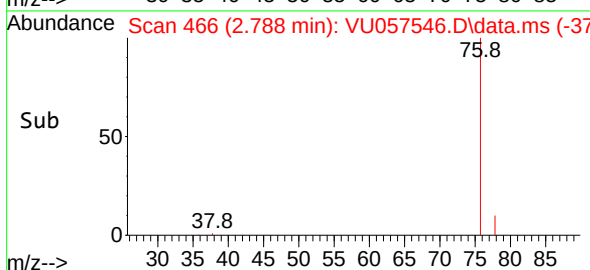
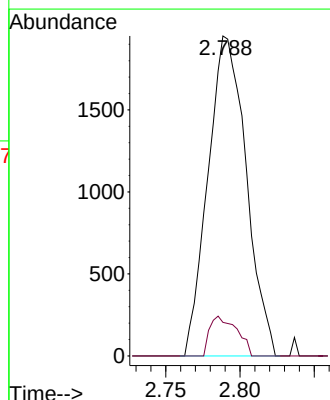
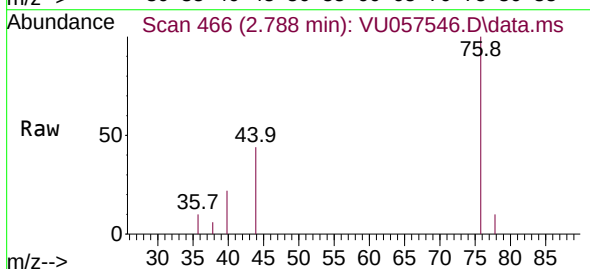
Acq: 17 Jan 2024 17:52

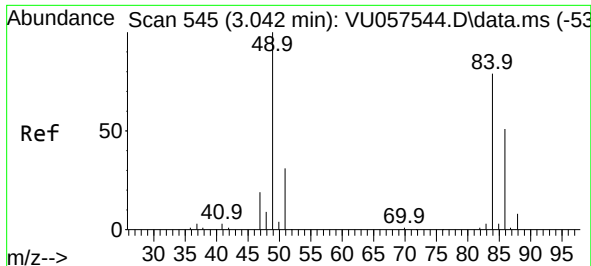
Tgt Ion: 76 Resp: 3493

Ion Ratio Lower Upper

76 100

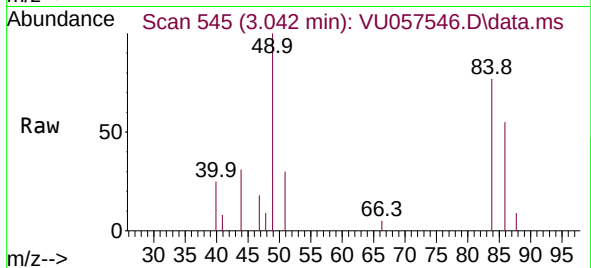
78 10.5 7.3 10.9





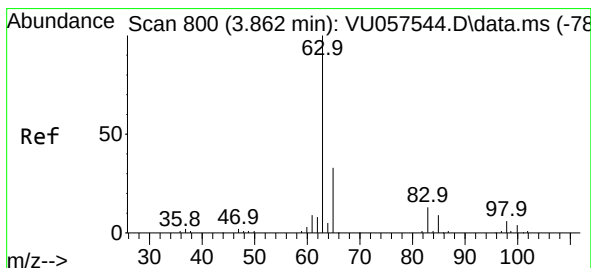
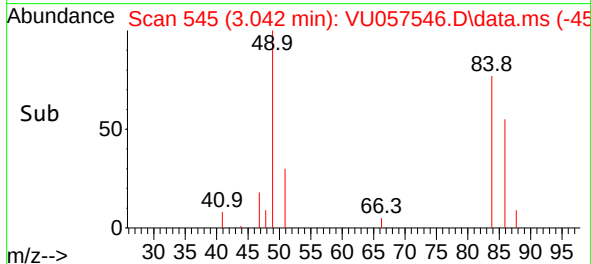
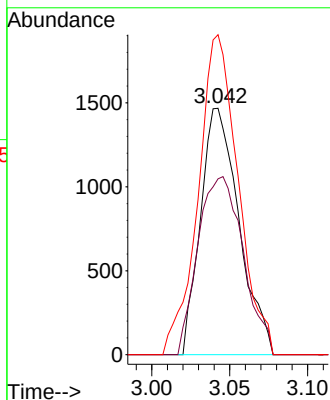
#16
Methylene chloride
Concen: 0.166 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU057546.D
Acq: 17 Jan 2024 17:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 2514

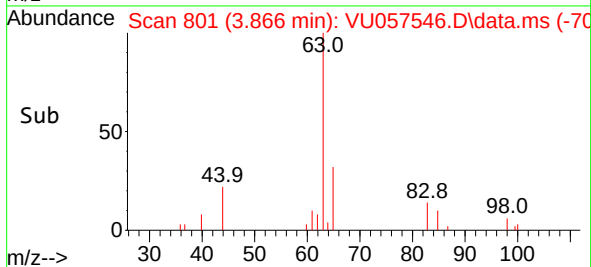
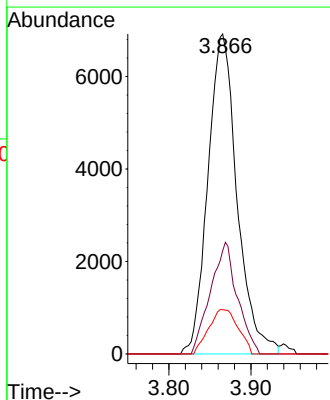
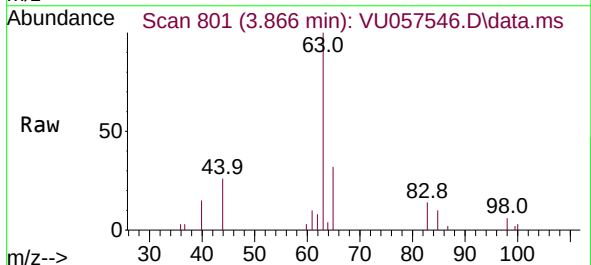
Ion	Ratio	Lower	Upper
84	100		
86	71.3	45.8	85.2
49	129.8	86.7	161.1

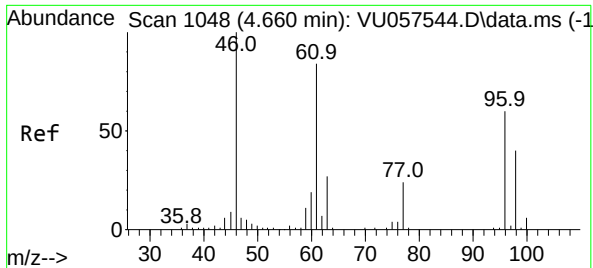


#19
1,1-Dichloroethane
Concen: 0.684 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU057546.D
Acq: 17 Jan 2024 17:52

Tgt Ion: 63 Resp: 17116

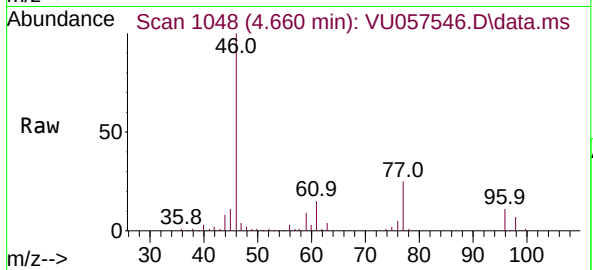
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.3	41.3
83	13.9	9.1	16.9



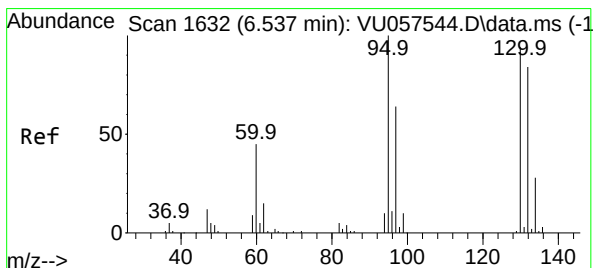
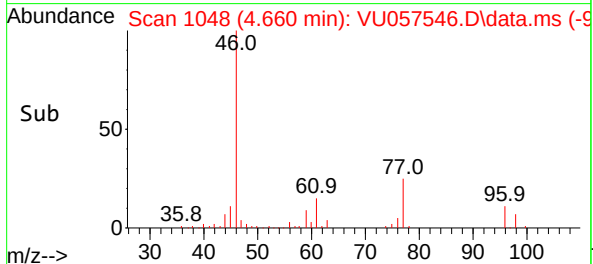
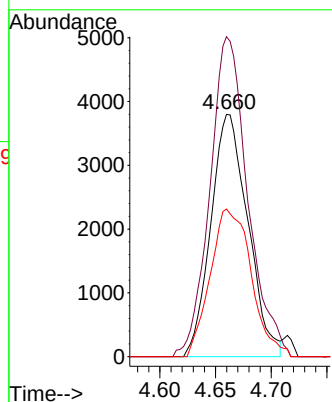


#22
cis-1,2-Dichloroethene
Concen: 0.681 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU057546.D
Acq: 17 Jan 2024 17:52

Instrument :
MSVOA_U
ClientSampleId :

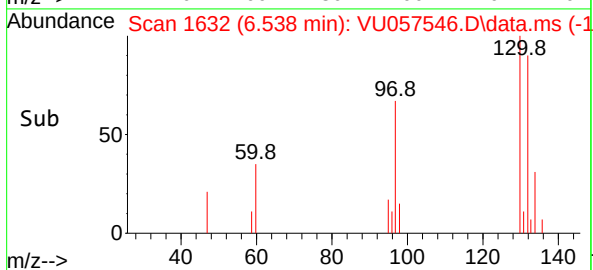
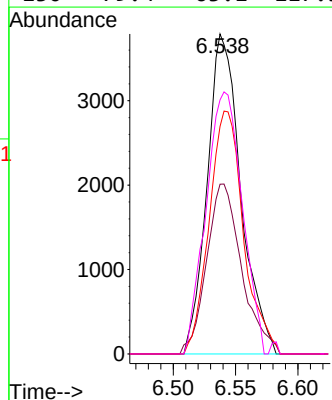
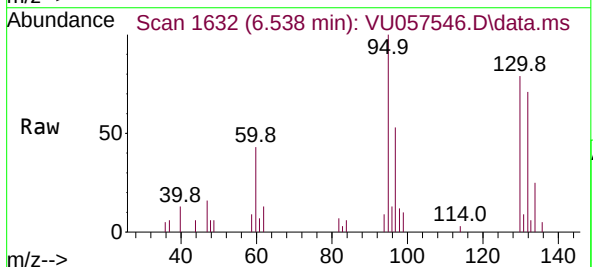


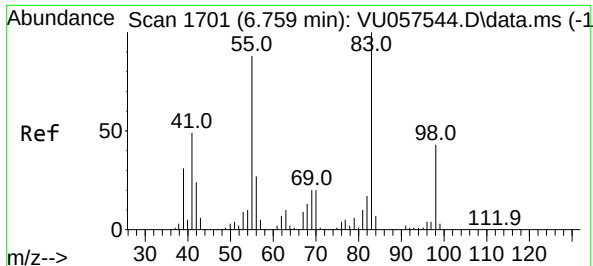
Tgt Ion:	96	Resp:	8785
Ion	Ratio	Lower	Upper
96	100		
61	132.1	93.4	173.4
98	61.0	44.9	83.3



#34
Trichloroethene
Concen: 0.480 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057546.D
Acq: 17 Jan 2024 17:52

Tgt Ion:	95	Resp:	7104
Ion	Ratio	Lower	Upper
95	100		
97	53.0	45.0	83.6
132	71.1	61.7	114.5
130	79.4	63.1	117.3





#35

Methylcyclohexane

Concen: 1.085 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057546.D

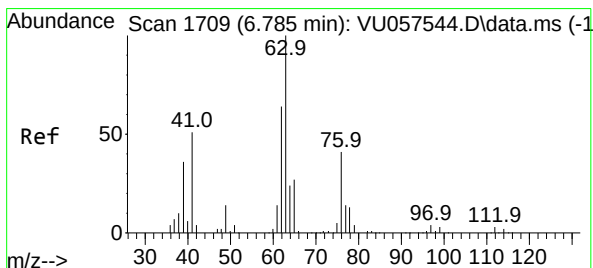
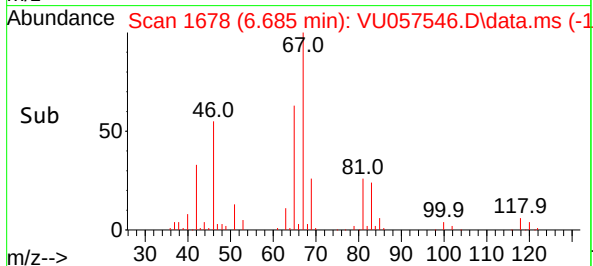
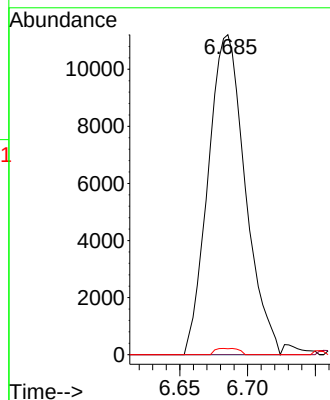
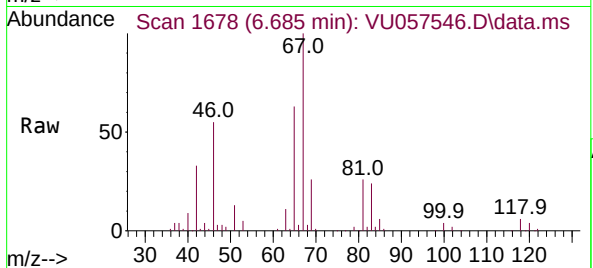
Acq: 17 Jan 2024 17:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 21372
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: 0.659 ug/L

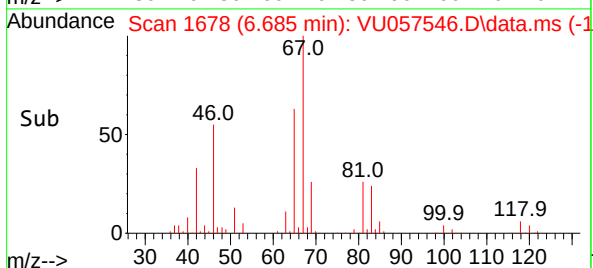
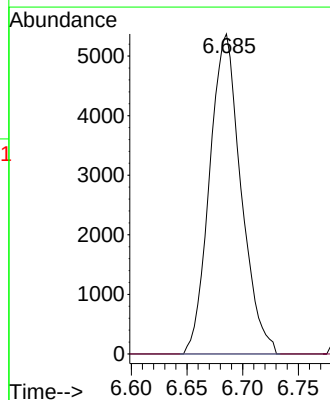
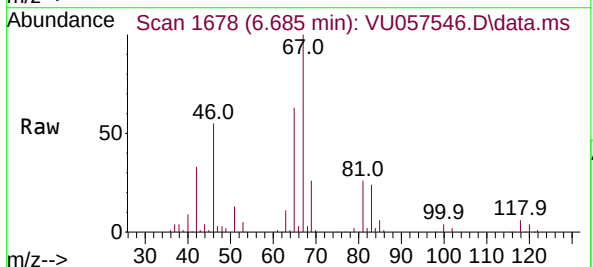
RT: 6.685 min Scan# 1678

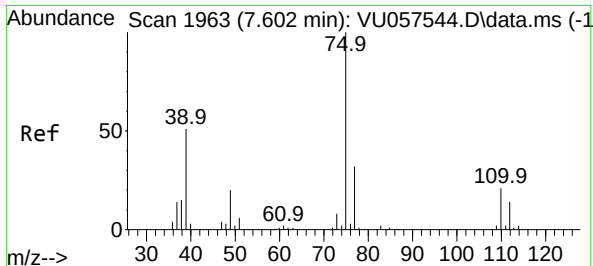
Delta R.T. -0.100 min

Lab File: VU057546.D

Acq: 17 Jan 2024 17:52

Tgt Ion: 63	Resp: 10545
Ion Ratio	Lower Upper
63	100
112	0.0 2.7 4.1#





#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.042 min

Lab File: VU057546.D

Acq: 17 Jan 2024 17:52

Instrument :

MSVOA_U

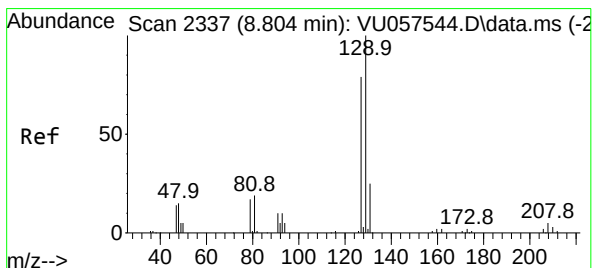
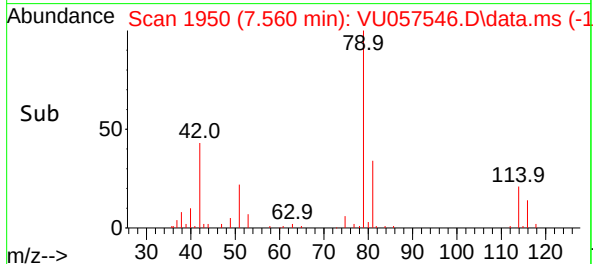
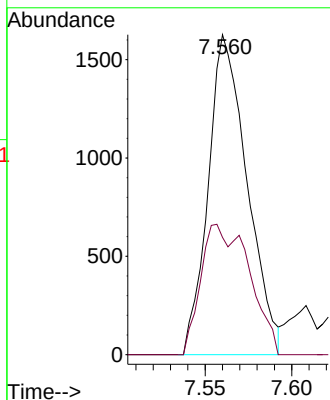
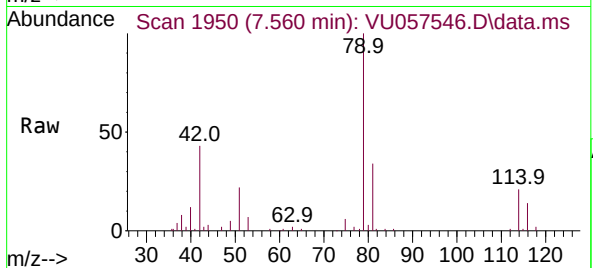
ClientSampleId :

Tgt Ion: 75 Resp: 2547

Ion Ratio Lower Upper

75 100

77 36.6 22.5 41.9



#49

Dibromochloromethane

Concen: 0.175 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU057546.D

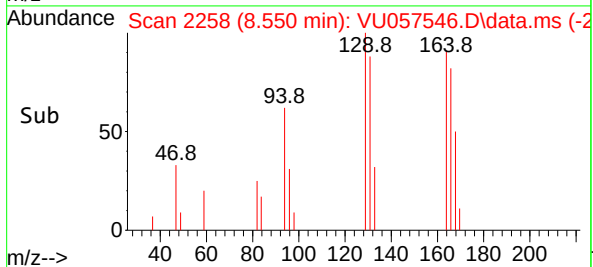
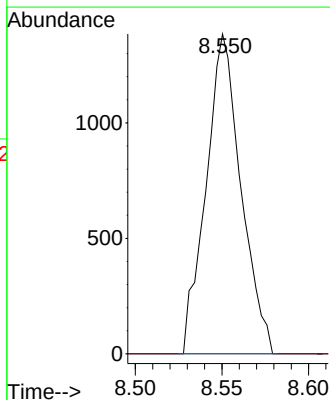
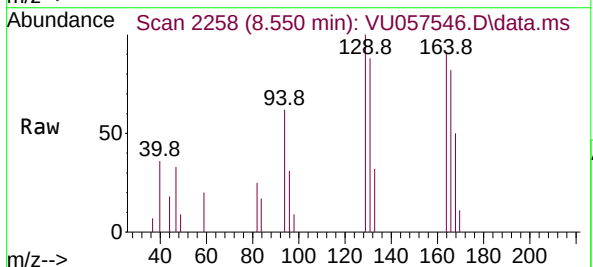
Acq: 17 Jan 2024 17:52

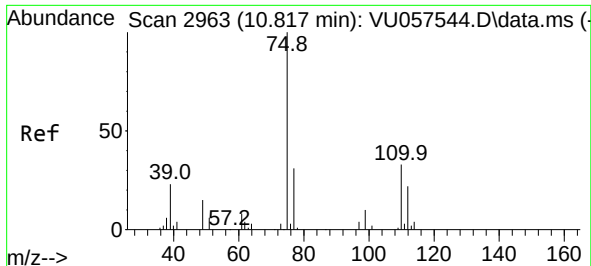
Tgt Ion: 129 Resp: 1942

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

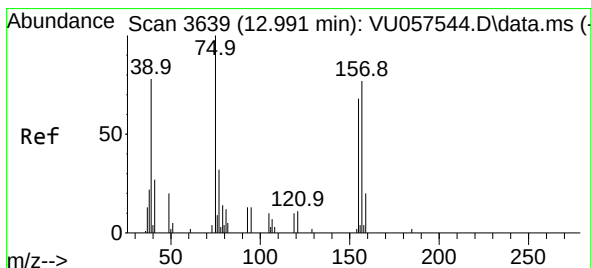
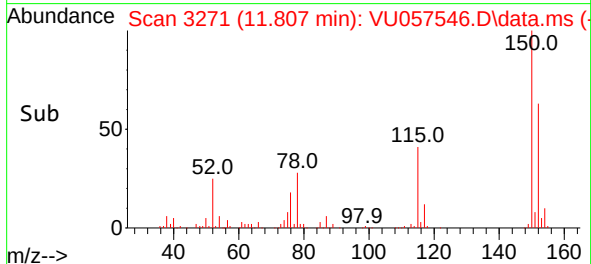
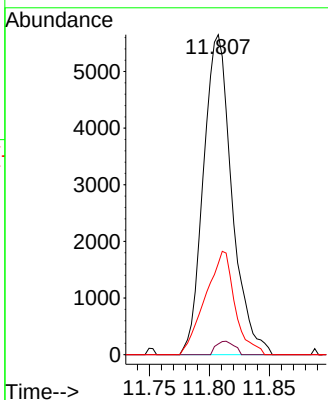
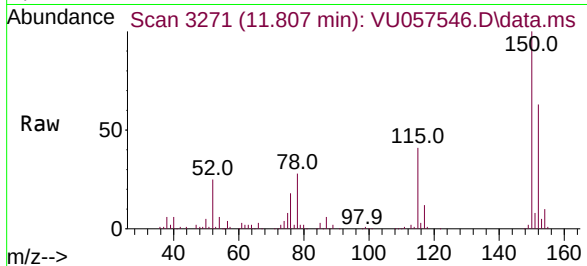




#61
1,2,3-Trichloropropane
Concen: 1.419 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU057546.D
Acq: 17 Jan 2024 17:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 9312
Ion Ratio Lower Upper
75 100
110 2.7 29.4 44.0#
77 33.5 26.2 39.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.068 ug/L
RT: 12.762 min Scan# 3568
Delta R.T. -0.228 min
Lab File: VU057546.D
Acq: 17 Jan 2024 17:52

Tgt Ion: 75 Resp: 85
Ion Ratio Lower Upper
75 100
155 0.0 55.4 83.0#
157 0.0 68.6 102.8#

