

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057097.D
 Acq On : 20 Dec 2023 17:17
 Operator : MD/SY
 Sample : 05866-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 23:46:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 23:41:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

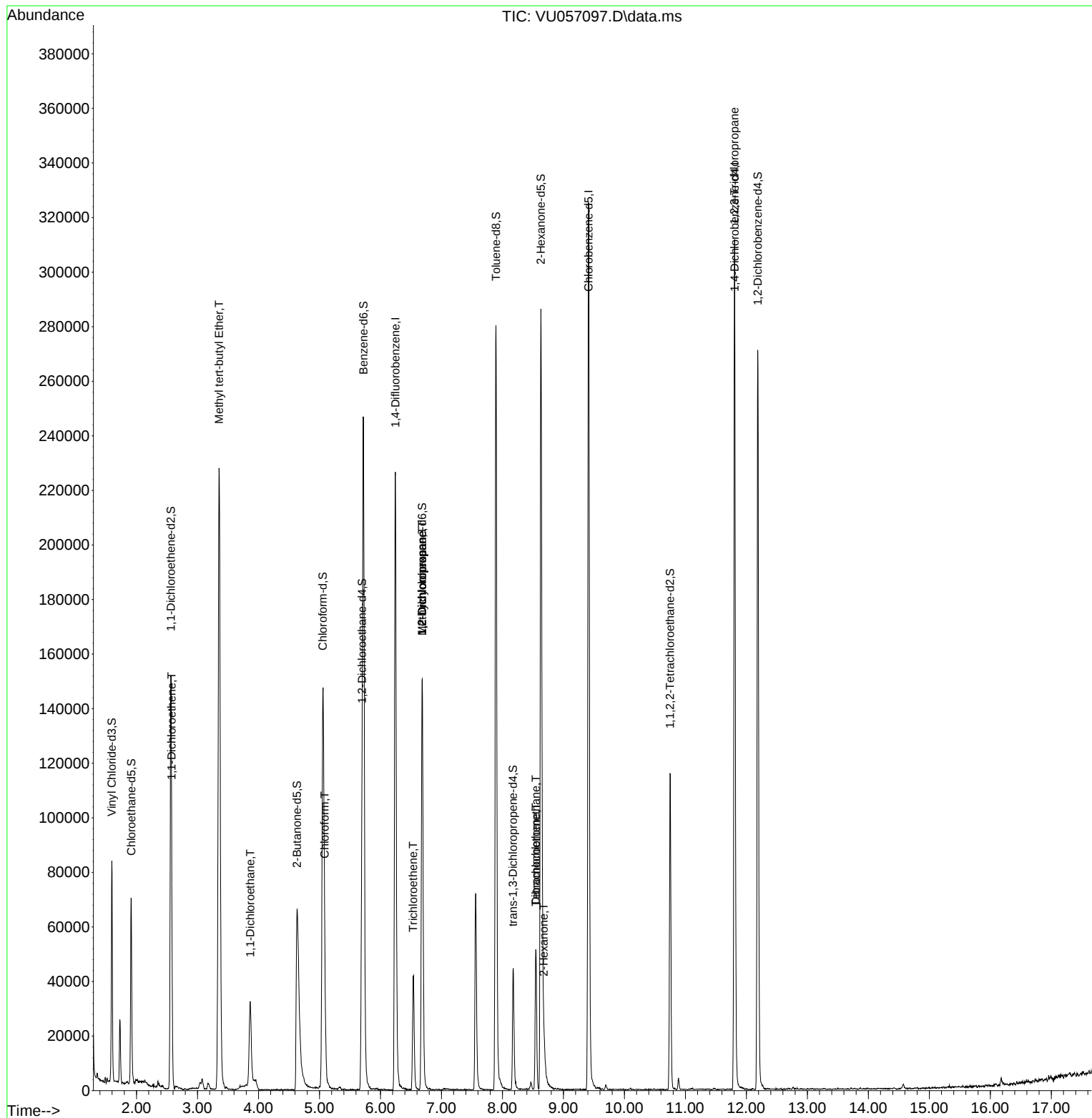
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	183619	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	189411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57072	3.626	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.914	69	50244	4.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.563	65	26136	3.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.631	46	131454	42.292	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.580%
24) Chloroform-d	5.055	84	134192	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.698	65	65992	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.721	84	231873	3.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.685	67	72190	3.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.894	98	196535	3.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.174	79	28831	4.043	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.631	63	101675	37.803	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	56198	4.224	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	73189	4.501	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	11921	0.800	ug/L #	1
17) Methyl tert-butyl Ether	3.354	73	265750	8.040	ug/L	97
19) 1,1-Dichloroethane	3.865	63	34293	1.179	ug/L	97
25) Chloroform	5.084	83	37985	1.247	ug/L	95
34) Trichloroethene	6.537	95	15775	0.864	ug/L	95
35) Methylcyclohexane	6.682	83	17276	0.641	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	8187	0.481	ug/L #	88
47) Tetrachloroethene	8.550	164	12100	0.947	ug/L	87
48) 2-Hexanone	8.679	43	5333	0.926	ug/L #	70
49) Dibromochloromethane	8.547	129	11601	0.877	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	9537	1.074	ug/L #	69

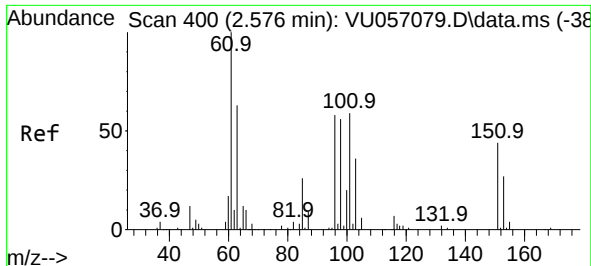
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
Data File : VU057097.D
Acq On : 20 Dec 2023 17:17
Operator : MD/SY
Sample : 05866-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 20 23:46:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 20 23:41:59 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.800 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU057097.D

Acq: 20 Dec 2023 17:17

Instrument :

MSVOA_U

ClientSampleId :

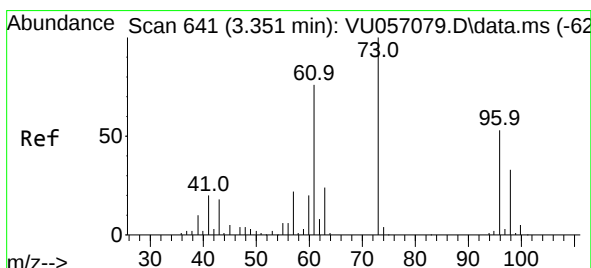
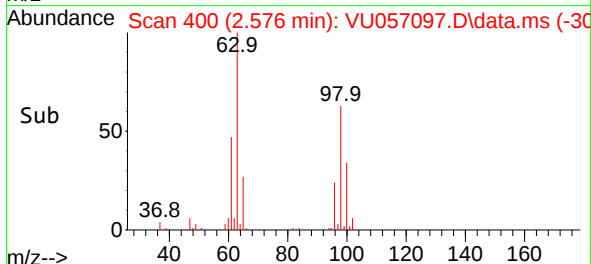
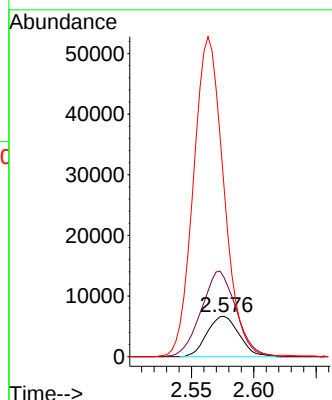
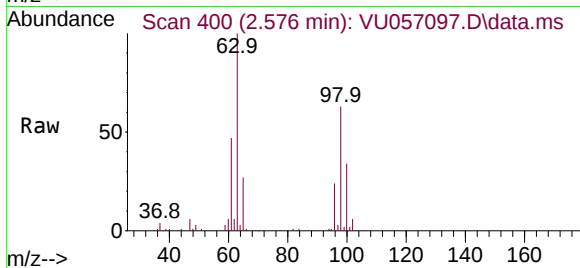
Tgt Ion: 96 Resp: 11921

Ion Ratio Lower Upper

96 100

61 196.6 119.0 221.0

63 421.1 88.7 164.7#



#17

Methyl tert-butyl Ether

Concen: 8.040 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU057097.D

Acq: 20 Dec 2023 17:17

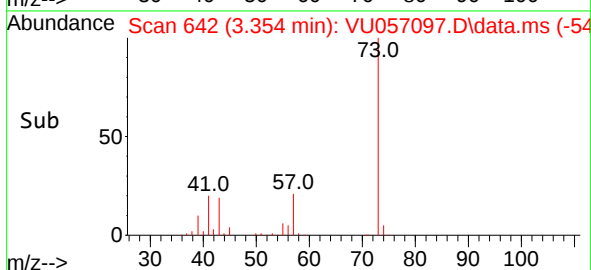
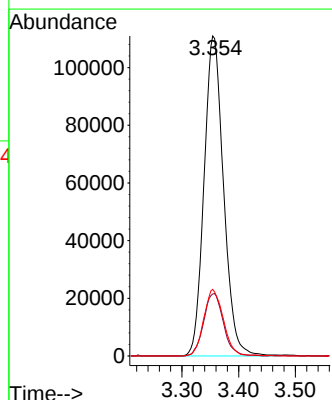
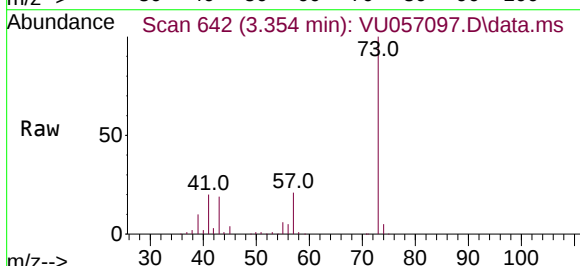
Tgt Ion: 73 Resp: 265750

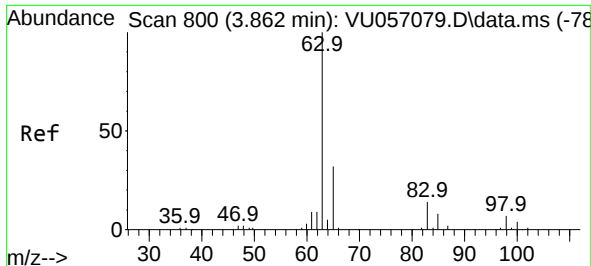
Ion Ratio Lower Upper

73 100

43 19.6 14.4 21.6

57 20.8 17.8 26.8

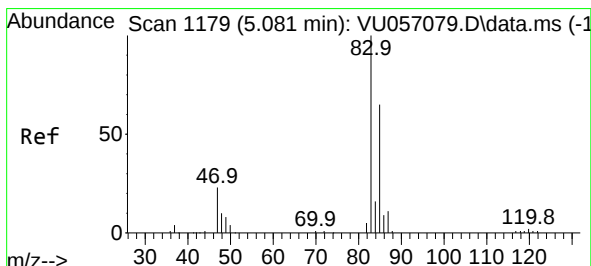
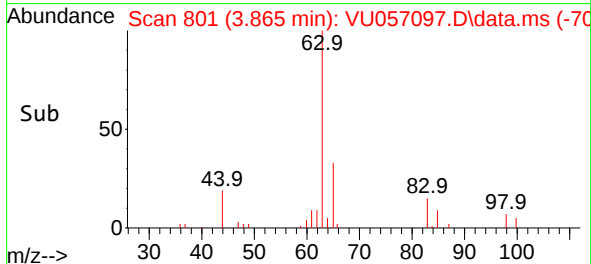
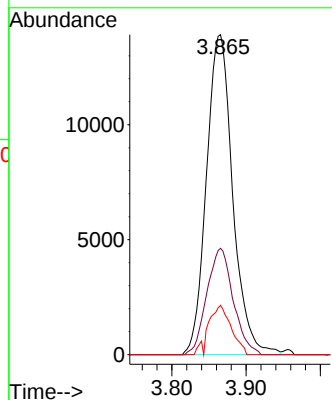
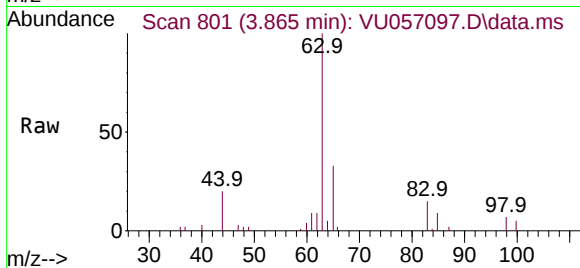




#19
1,1-Dichloroethane
Concen: 1.179 ug/L
RT: 3.865 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU057097.D
Acq: 20 Dec 2023 17:17

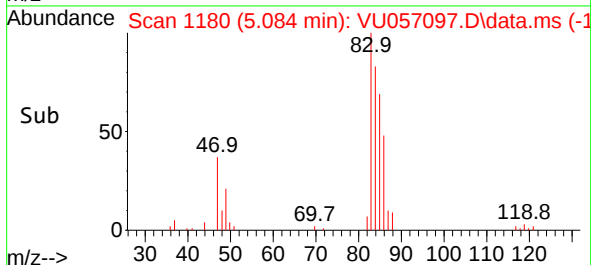
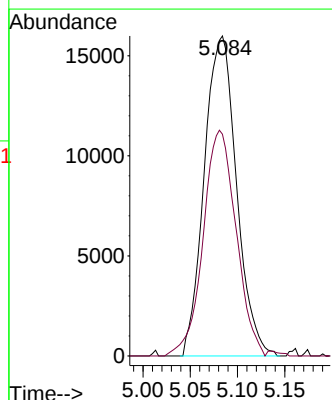
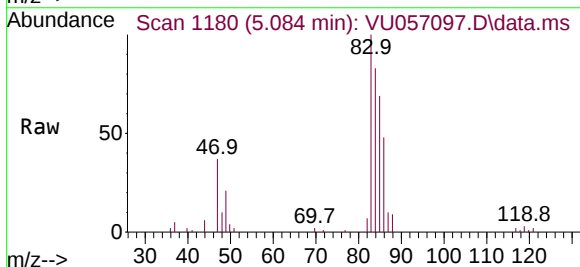
Instrument :
MSVOA_U
ClientSampleId :

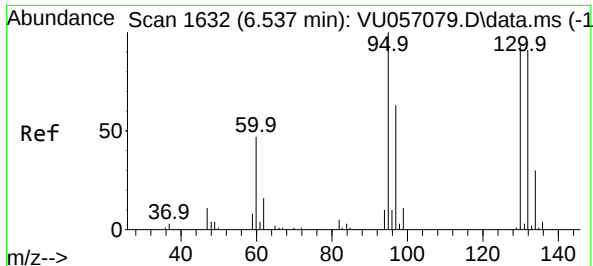
Tgt Ion: 63 Resp: 34293
Ion Ratio Lower Upper
63 100
65 34.8 22.9 42.5
83 15.4 10.1 18.9



#25
Chloroform
Concen: 1.247 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VU057097.D
Acq: 20 Dec 2023 17:17

Tgt Ion: 83 Resp: 37985
Ion Ratio Lower Upper
83 100
85 69.3 45.8 85.0

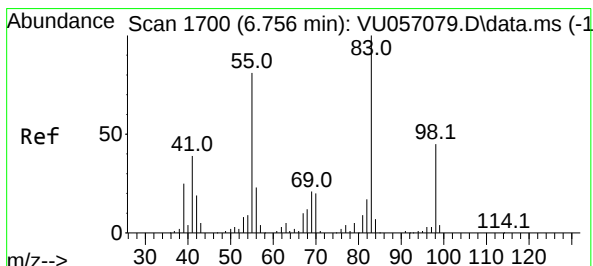
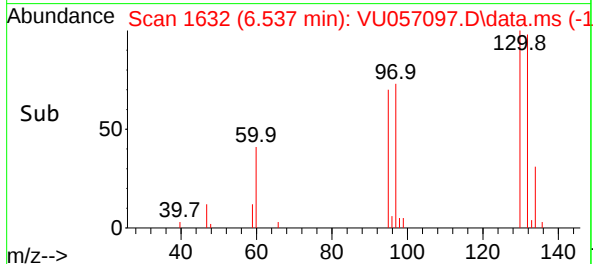
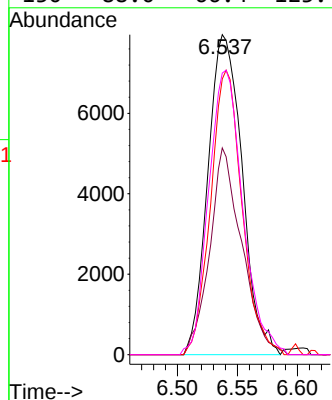
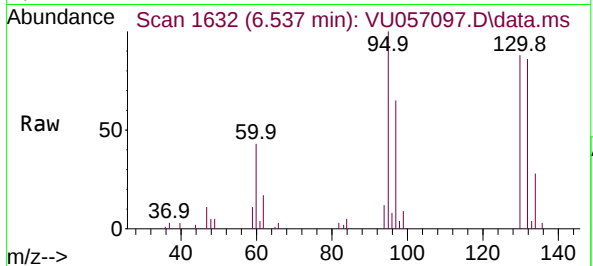




#34
Trichloroethene
Concen: 0.864 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057097.D
Acq: 20 Dec 2023 17:17

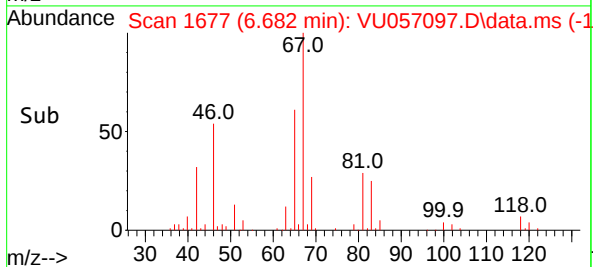
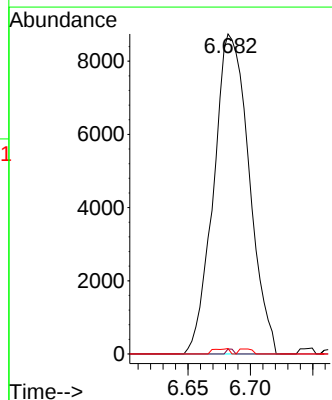
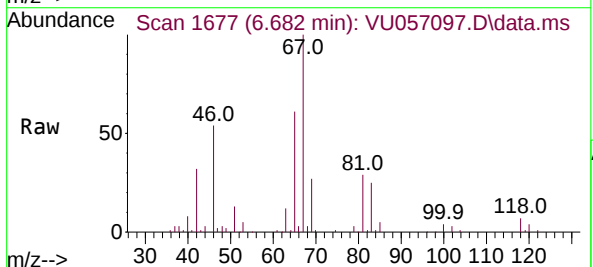
Instrument :
MSVOA_U
ClientSampleId :

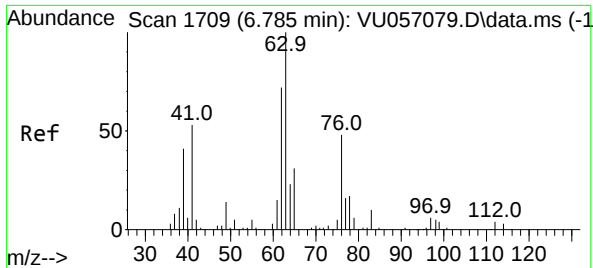
Tgt Ion: 95 Resp: 15775
Ion Ratio Lower Upper
95 100
97 64.6 46.1 85.5
132 86.2 63.6 118.0
130 88.0 66.4 123.4



#35
Methylcyclohexane
Concen: 0.641 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057097.D
Acq: 20 Dec 2023 17:17

Tgt Ion: 83 Resp: 17276
Ion Ratio Lower Upper
83 100
55 0.3 64.6 97.0#
98 0.7 36.1 54.1#

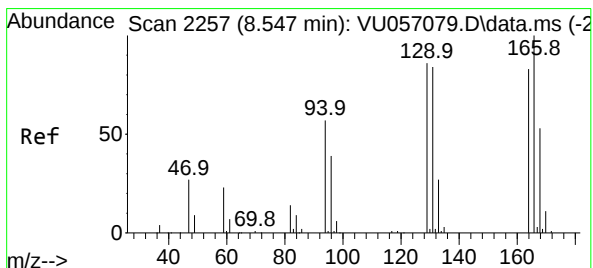
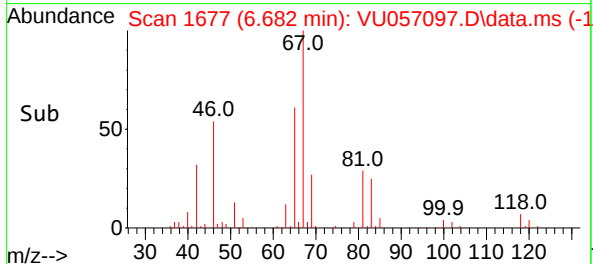
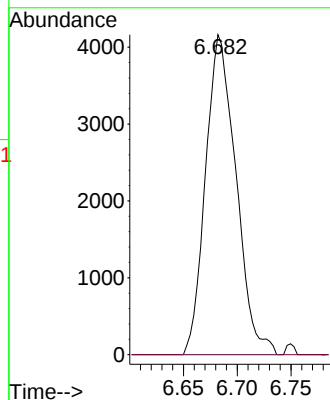
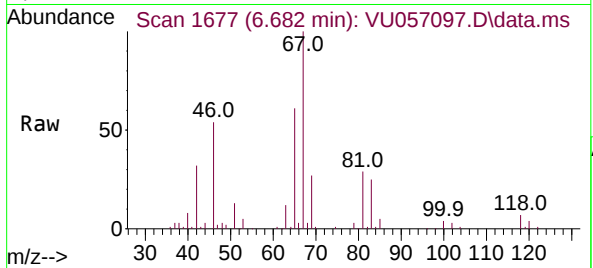




#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU057097.D
Acq: 20 Dec 2023 17:17

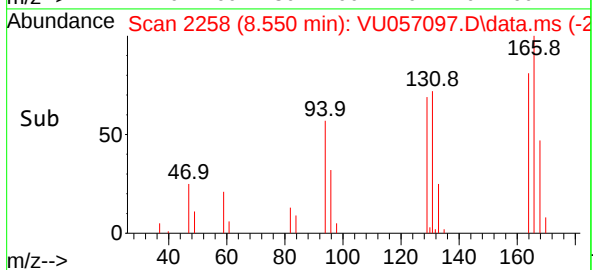
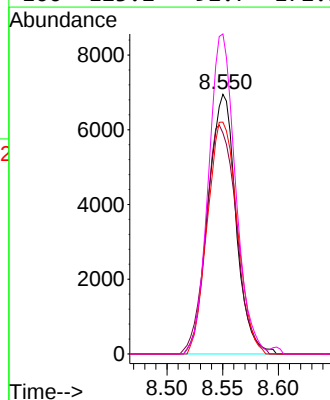
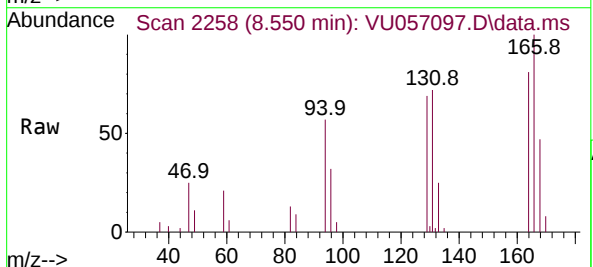
Instrument :
MSVOA_U
ClientSampleId :

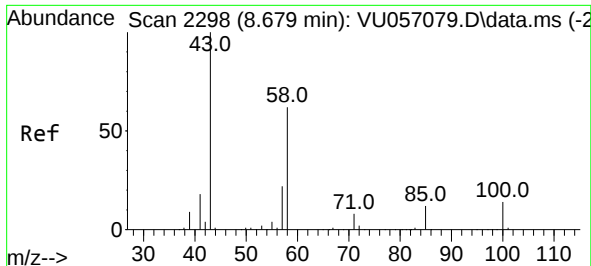
Tgt Ion: 63 Resp: 8187
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#47
Tetrachloroethene
Concen: 0.947 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057097.D
Acq: 20 Dec 2023 17:17

Tgt Ion:164 Resp: 12100
Ion Ratio Lower Upper
164 100
129 85.1 73.4 136.4
131 89.3 71.5 132.9
166 123.2 92.7 172.1

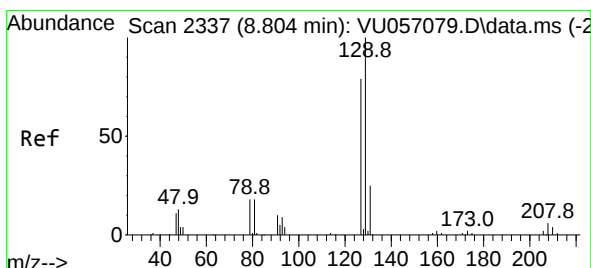
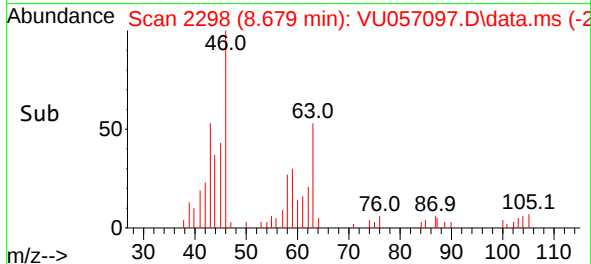
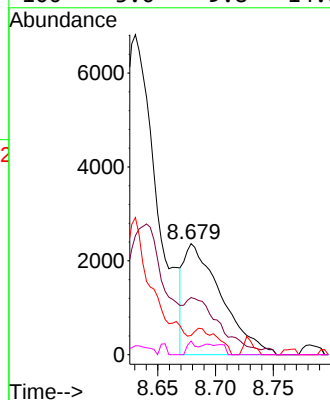
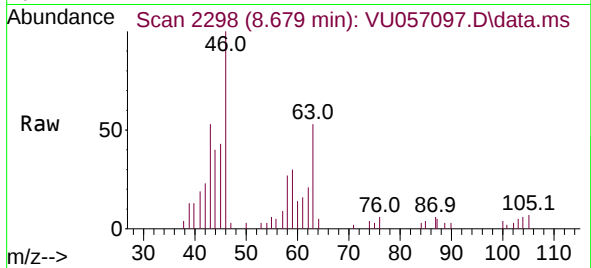




#48
2-Hexanone
Concen: 0.926 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057097.D
Acq: 20 Dec 2023 17:17

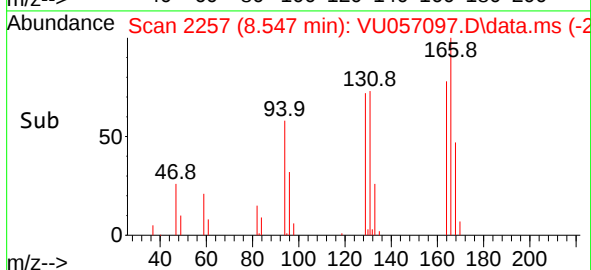
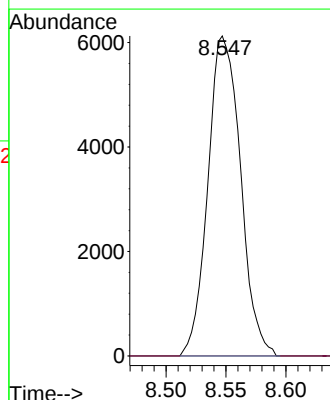
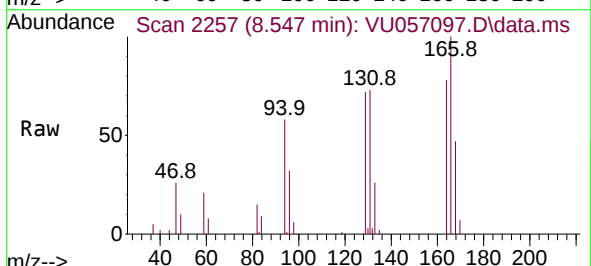
Instrument :
MSVOA_U
ClientSampleId :

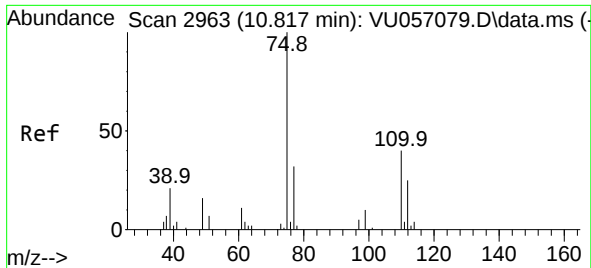
Tgt Ion: 43	Resp: 5333
Ion Ratio	Lower Upper
43	100
58	40.1 47.5 71.3#
57	0.0 17.0 25.4#
100	3.0 9.8 14.8#



#49
Dibromochloromethane
Concen: 0.877 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU057097.D
Acq: 20 Dec 2023 17:17

Tgt Ion: 129	Resp: 11601
Ion Ratio	Lower Upper
129	100
127	0.0 53.9 100.1#





#61

1,2,3-Trichloropropane

Concen: 1.074 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

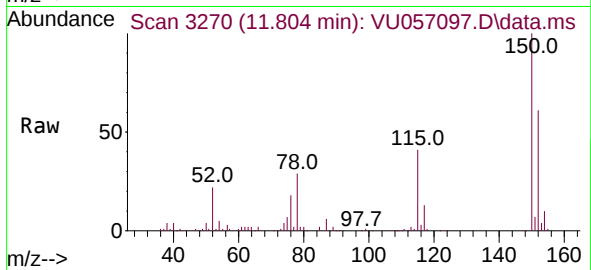
Lab File: VU057097.D

Acq: 20 Dec 2023 17:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	9537
Ion	Ratio	Lower	Upper
75	100		
110	2.5	28.4	42.6#
77	35.2	26.3	39.5

