

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056744.D
 Acq On : 11 Dec 2023 20:07
 Operator : MD/SY
 Sample : 05677-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:12:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 01:07:35 2023
 Response via : Initial Calibration

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

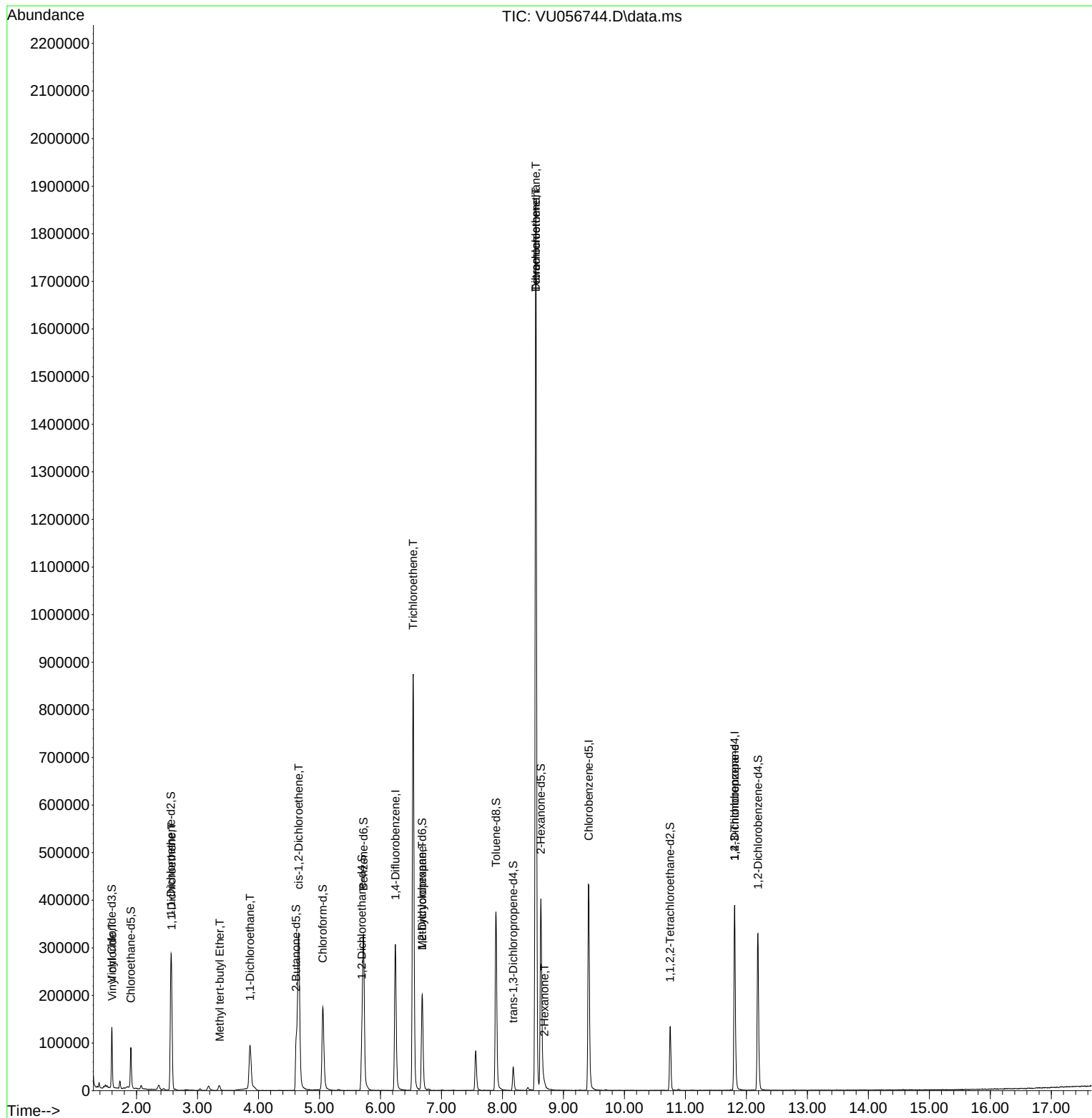
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	249241	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	256957	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103752	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88368	4.136	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.907	69	62733	3.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.563	65	37517	4.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.618	46	171835	40.728	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.460%
24) Chloroform-d	5.055	84	162438	4.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.695	65	78715	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.721	84	319629	4.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.685	67	99613	3.993	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.894	98	264635	3.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	8.177	79	29545	3.054	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.000%
46) 2-Hexanone-d5	8.631	63	133092	36.476	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.960%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	68368	3.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	85968	4.215	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	3025	0.119	ug/L #	1
12) 1,1-Dichloroethene	2.576	96	54105	2.674	ug/L	84
17) Methyl tert-butyl Ether	3.364	73	10049	0.224	ug/L	97
19) 1,1-Dichloroethane	3.862	63	106902	2.709	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	167513	7.505	ug/L	96
34) Trichloroethene	6.537	95	311415	12.571	ug/L	98
35) Methylcyclohexane	6.685	83	23786	0.651	ug/L #	18
47) Tetrachloroethene	8.547	164	395174	22.794	ug/L	98
48) 2-Hexanone	8.688	43	6422	0.822	ug/L #	90
49) Dibromochloromethane	8.547	129	409135	22.791	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	13174	1.183	ug/L #	69

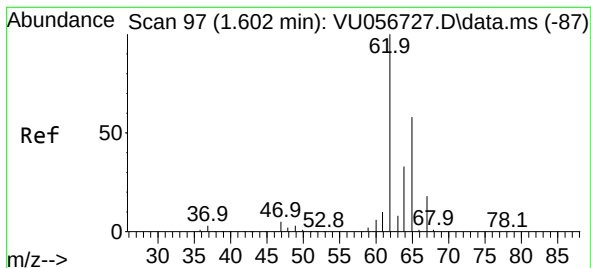
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
Data File : VU056744.D
Acq On : 11 Dec 2023 20:07
Operator : MD/SY
Sample : 05677-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

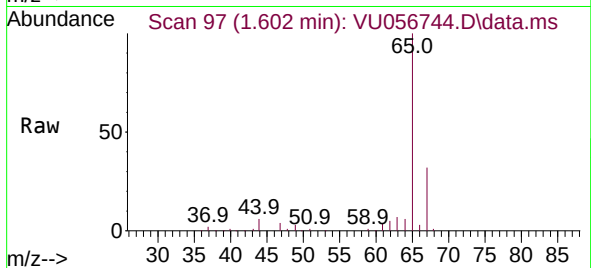
Quant Time: Dec 12 01:12:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 12 01:07:35 2023
Response via : Initial Calibration



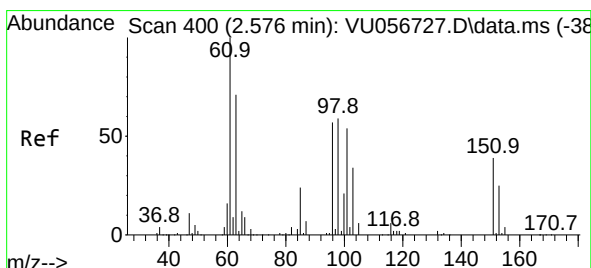
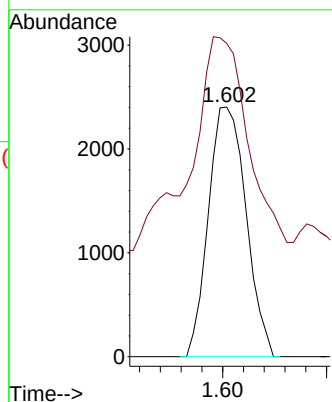
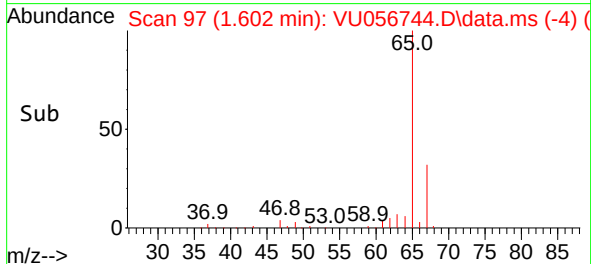


#5
 Vinyl chloride
 Concen: 0.119 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056744.D
 Acq: 11 Dec 2023 20:07

Instrument :
 MSVOA_U
 ClientSampleId :

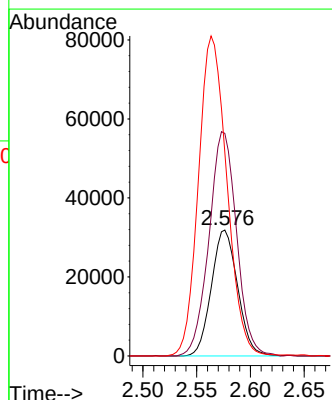
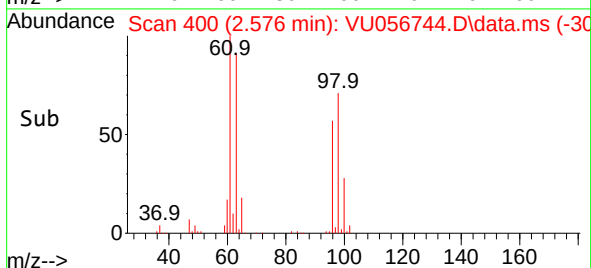
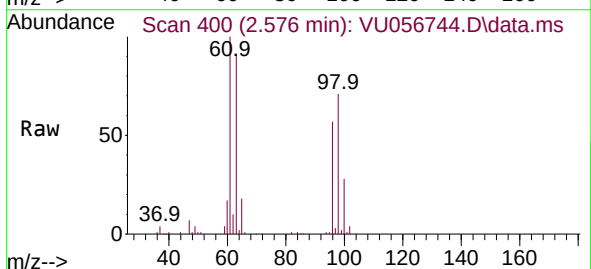


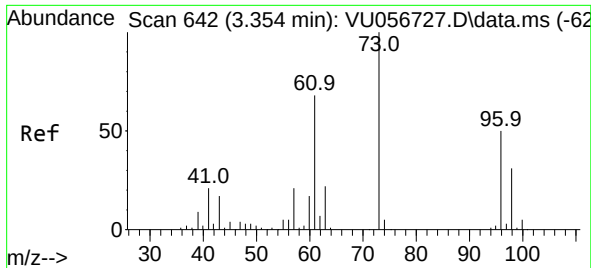
Tgt Ion: 62 Resp: 3025
 Ion Ratio Lower Upper
 62 100
 64 125.5 22.8 42.4#



#12
 1,1-Dichloroethene
 Concen: 2.674 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056744.D
 Acq: 11 Dec 2023 20:07

Tgt Ion: 96 Resp: 54105
 Ion Ratio Lower Upper
 96 100
 61 176.7 119.0 221.0
 63 161.5 88.7 164.7

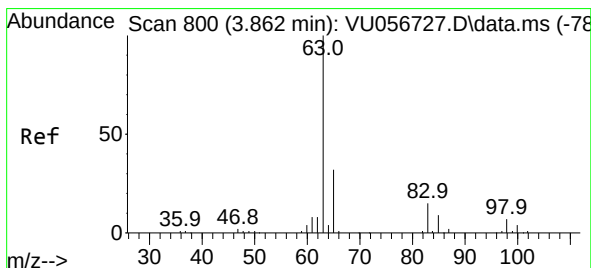
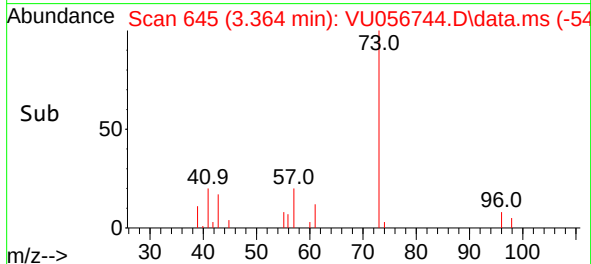
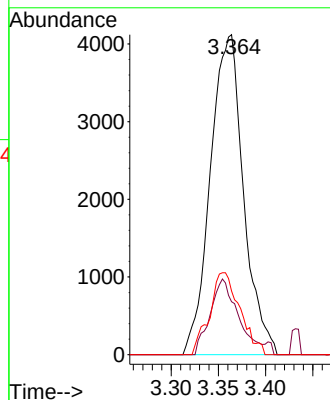
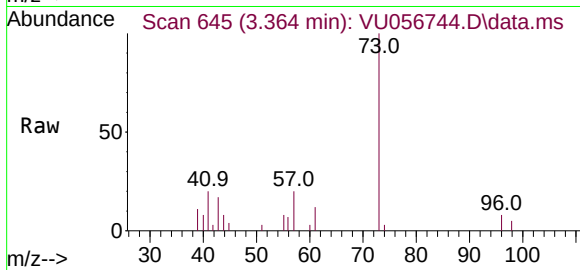




#17
Methyl tert-butyl Ether
Concen: 0.224 ug/L
RT: 3.364 min Scan# 642
Delta R.T. 0.010 min
Lab File: VU056744.D
Acq: 11 Dec 2023 20:07

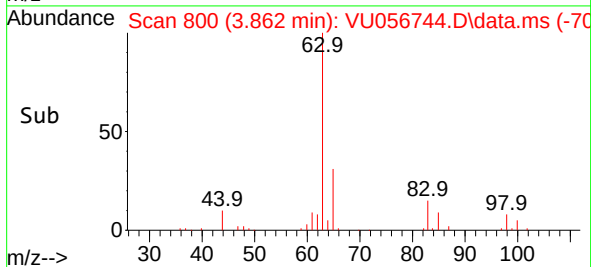
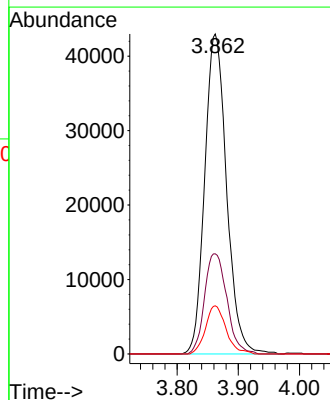
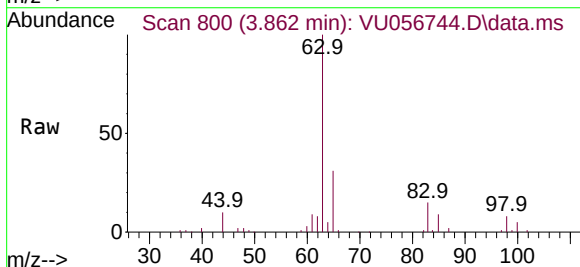
Instrument :
MSVOA_U
ClientSampleId :

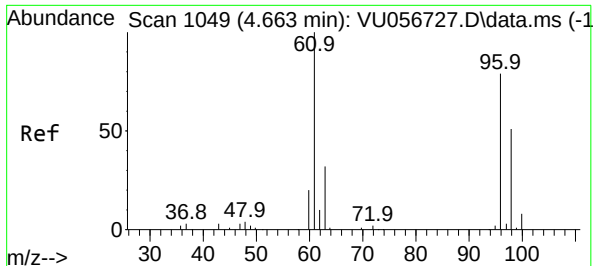
Tgt Ion: 73 Resp: 10049
Ion Ratio Lower Upper
73 100
43 20.1 14.4 21.6
57 23.5 17.8 26.8



#19
1,1-Dichloroethane
Concen: 2.709 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056744.D
Acq: 11 Dec 2023 20:07

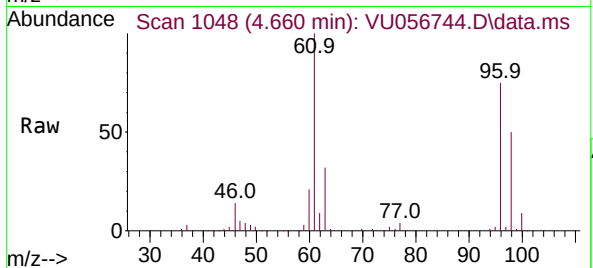
Tgt Ion: 63 Resp: 106902
Ion Ratio Lower Upper
63 100
65 31.3 22.9 42.5
83 15.1 10.1 18.9





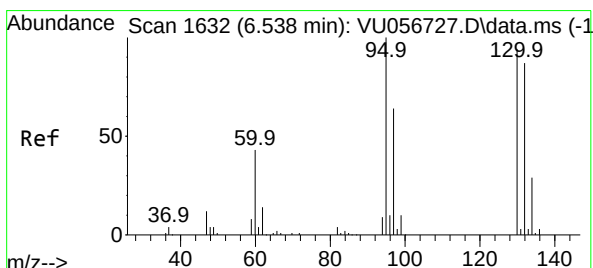
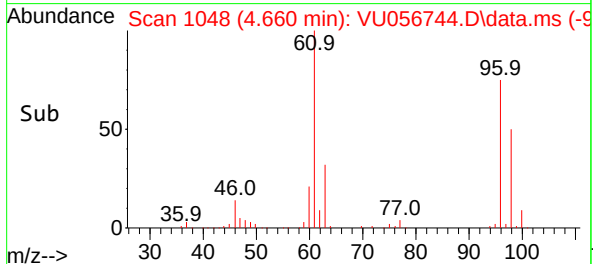
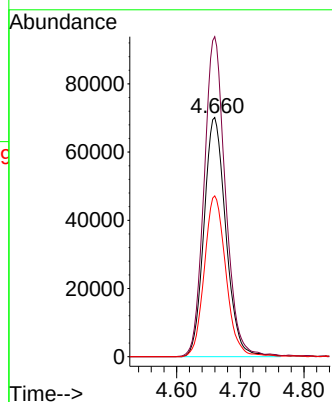
#22
 cis-1,2-Dichloroethene
 Concen: 7.505 ug/L
 RT: 4.660 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU056744.D
 Acq: 11 Dec 2023 20:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 167513

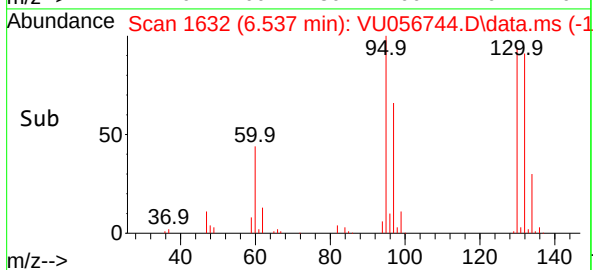
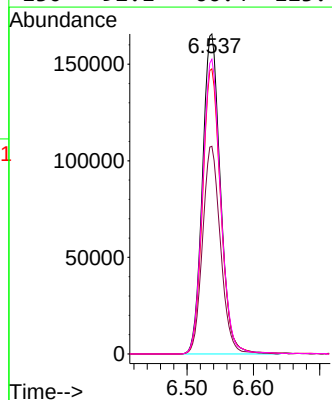
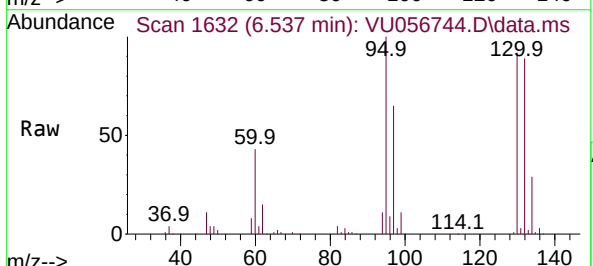
Ion	Ratio	Lower	Upper
96	100		
61	133.7	91.3	169.6
98	67.2	44.2	82.0

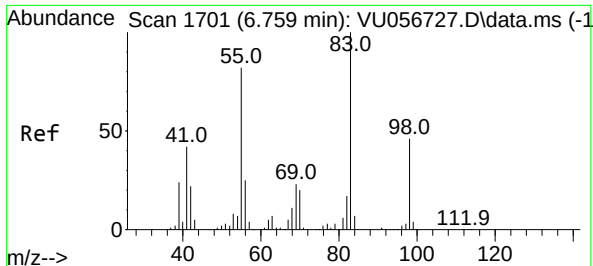


#34
 Trichloroethene
 Concen: 12.571 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU056744.D
 Acq: 11 Dec 2023 20:07

Tgt Ion: 95 Resp: 311415

Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.1	85.5
132	89.1	63.6	118.0
130	92.1	66.4	123.4





#35

Methylcyclohexane

Concen: 0.651 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056744.D

Acq: 11 Dec 2023 20:07

Instrument :

MSVOA_U

ClientSampleId :

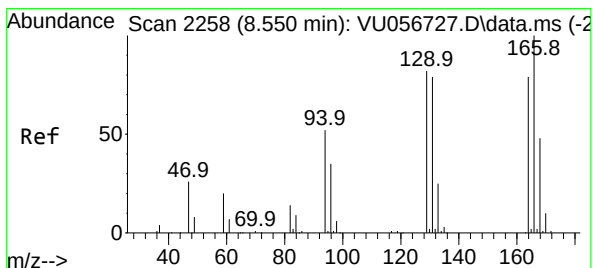
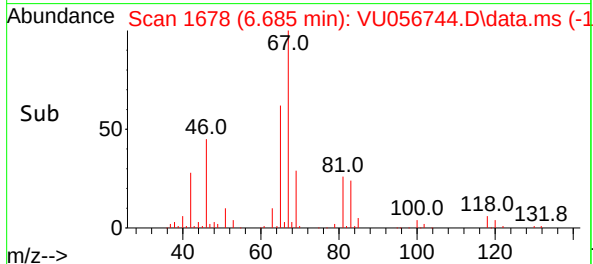
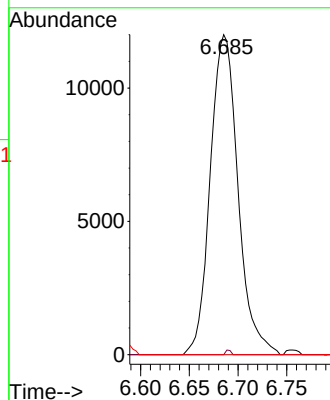
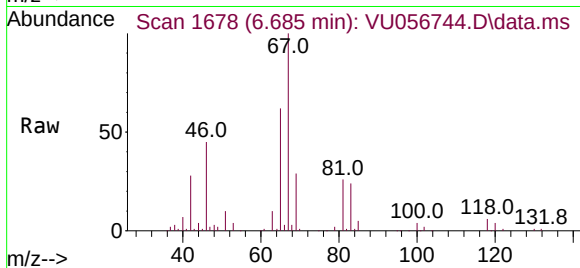
Tgt Ion: 83 Resp: 23786

Ion Ratio Lower Upper

83 100

55 0.3 64.6 97.0#

98 2.0 36.1 54.1#



#47

Tetrachloroethene

Concen: 22.794 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056744.D

Acq: 11 Dec 2023 20:07

Tgt Ion:164 Resp: 395174

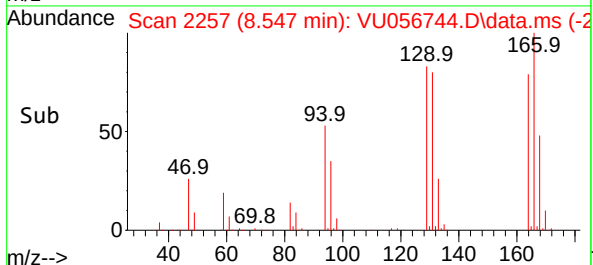
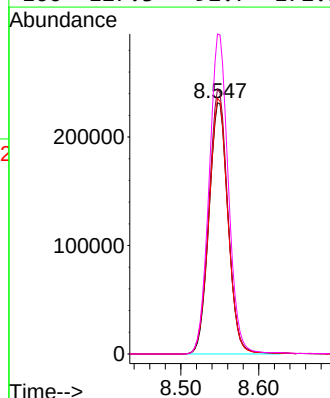
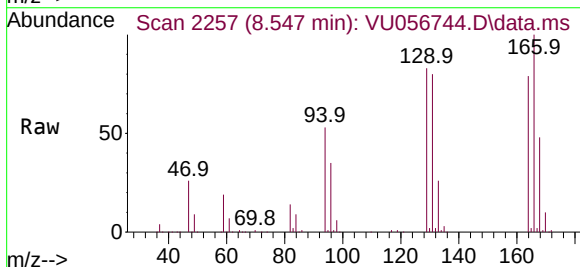
Ion Ratio Lower Upper

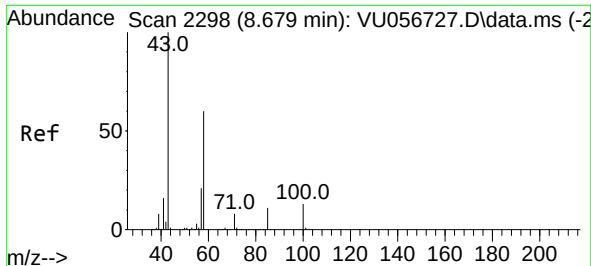
164 100

129 105.4 73.4 136.4

131 101.6 71.5 132.9

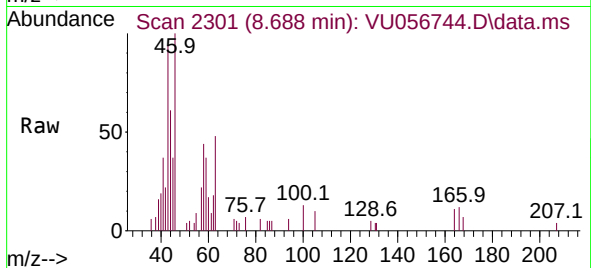
166 127.3 92.7 172.1



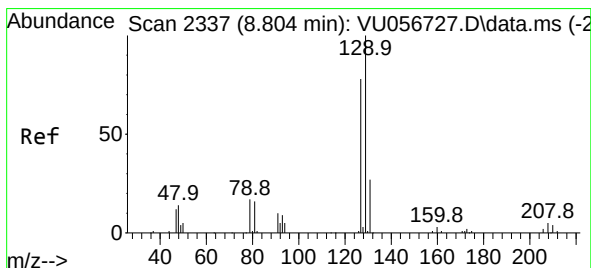
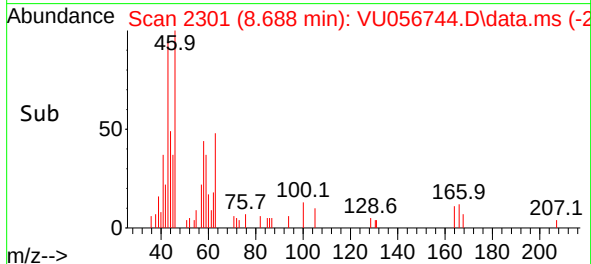
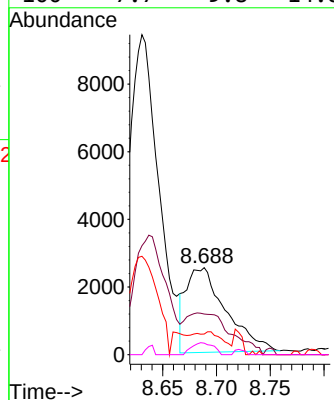


#48
2-Hexanone
Concen: 0.822 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056744.D
Acq: 11 Dec 2023 20:07

Instrument :
MSVOA_U
ClientSampleId :

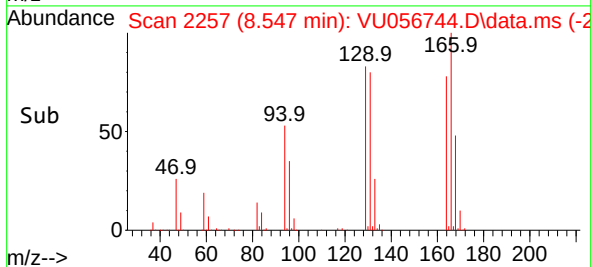
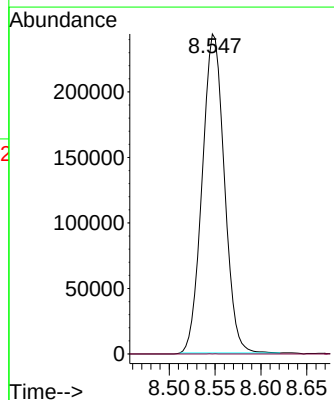
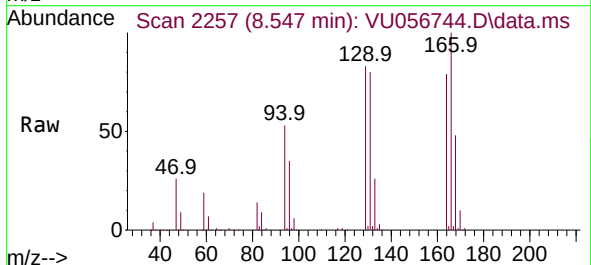


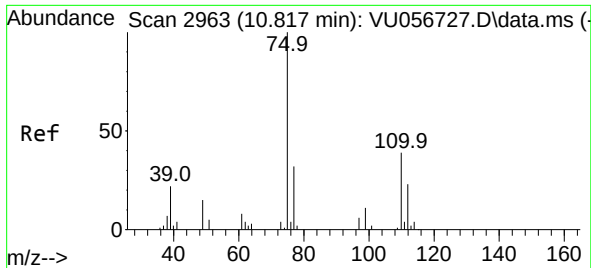
Tgt Ion: 43 Resp: 6422
Ion Ratio Lower Upper
43 100
58 56.4 47.5 71.3
57 9.3 17.0 25.4#
100 7.7 9.8 14.8#



#49
Dibromochloromethane
Concen: 22.791 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056744.D
Acq: 11 Dec 2023 20:07

Tgt Ion: 129 Resp: 409135
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61

1,2,3-Trichloropropane

Concen: 1.183 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

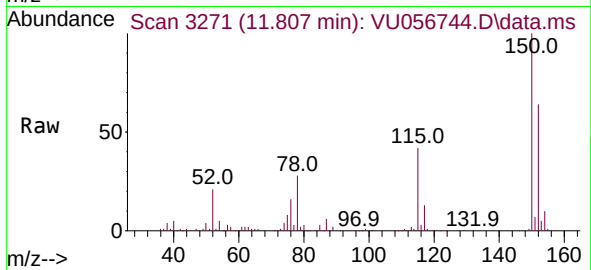
Lab File: VU056744.D

Acq: 11 Dec 2023 20:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	13174
Ion	Ratio	Lower	Upper
75	100		
110	2.0	28.4	42.6#
77	34.5	26.3	39.5

