

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122923\
 Data File : VU057368.D
 Acq On : 29 Dec 2023 13:32
 Operator : MD/SY
 Sample : 05998-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 29 23:05:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 23:01:57 2023
 Response via : Initial Calibration

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

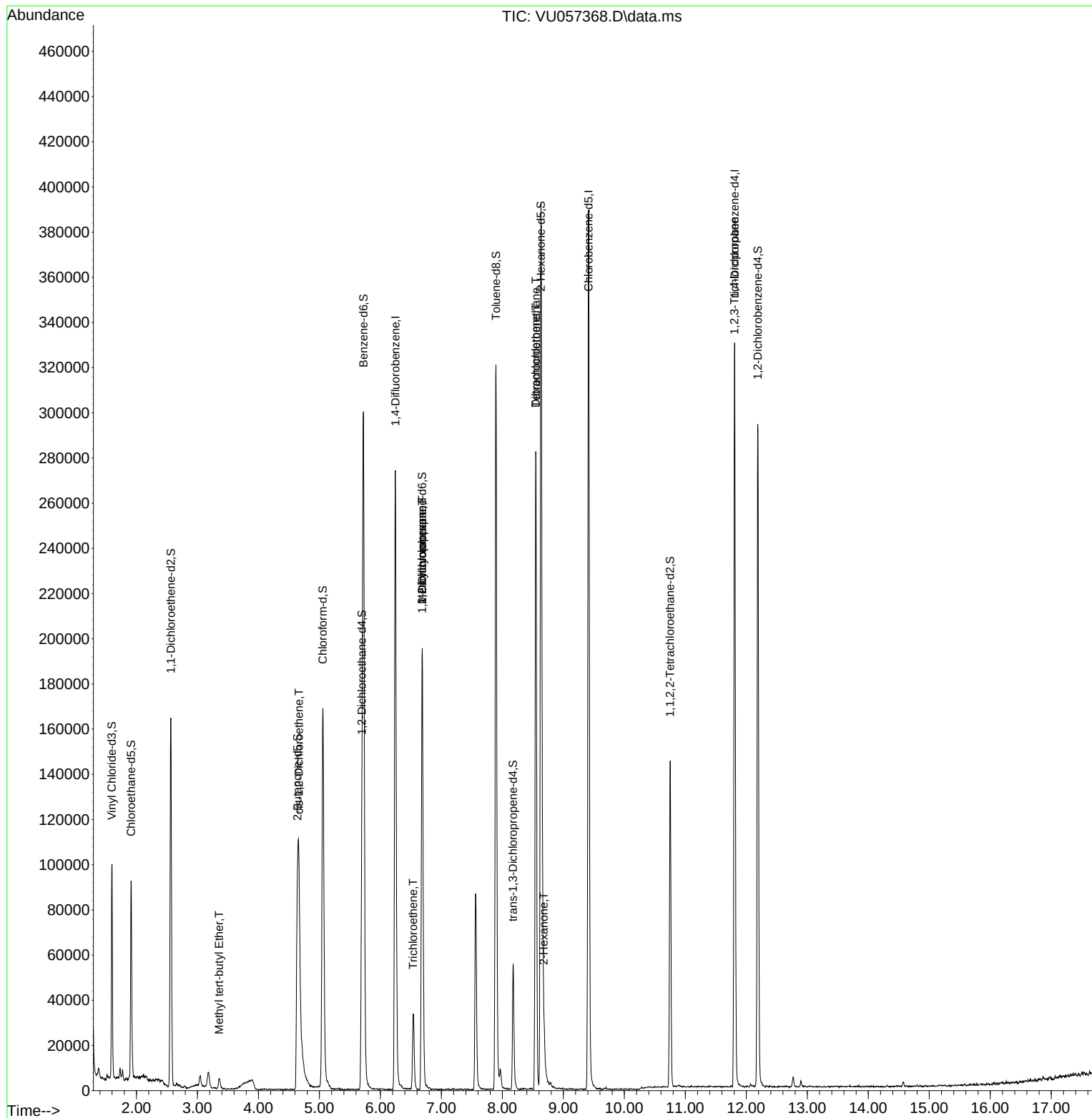
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	217151	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	218563	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	67300	3.605	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.911	69	69221	4.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	31927	4.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.641	46	199651	47.220	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.440%
24) Chloroform-d	5.055	84	159791	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.695	65	80791	4.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.721	84	282740	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.685	67	95507	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.894	98	216428	4.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.174	79	33074	4.222	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.631	63	134394	37.879	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.760%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	73414	4.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	76348	4.848	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.354	73	4379	0.122	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	24273	1.491	ug/L	97
34) Trichloroethene	6.538	95	13006	0.775	ug/L	87
35) Methylcyclohexane	6.685	83	23059	1.052	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	9655	0.551	ug/L #	90
47) Tetrachloroethene	8.547	164	60432	5.097	ug/L	97
48) 2-Hexanone	8.679	43	6704	1.019	ug/L #	43
49) Dibromochloromethane	8.547	129	64075	4.410	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	10054	1.113	ug/L #	64

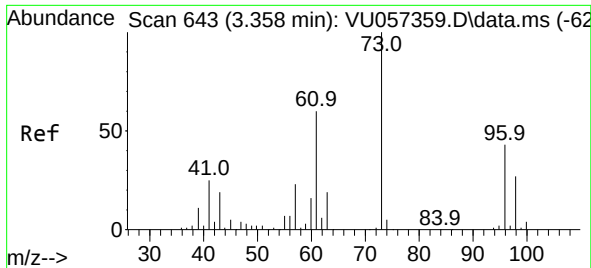
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

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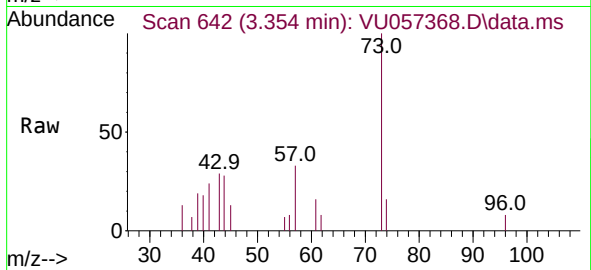
Quant Time: Dec 29 23:05:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
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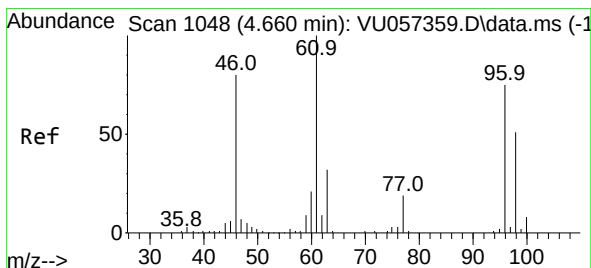
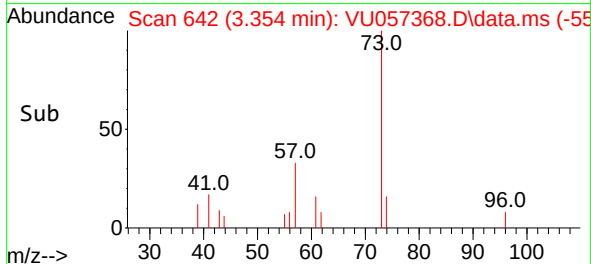
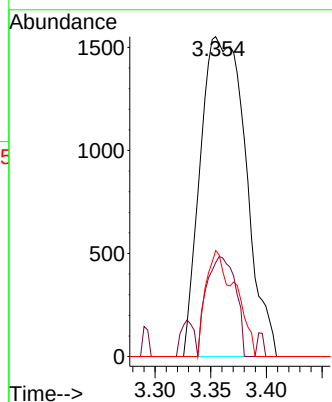


#17
Methyl tert-butyl Ether
Concen: 0.122 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU057368.D
Acq: 29 Dec 2023 13:32

Instrument :
MSVOA_U
ClientSampleId :

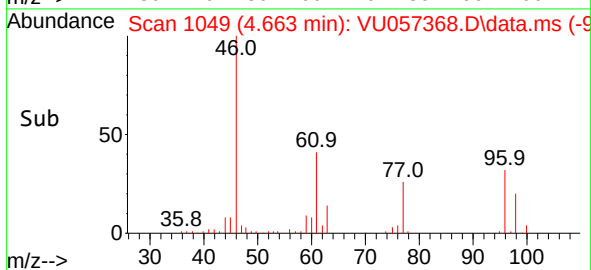
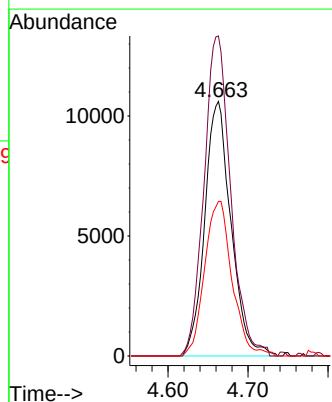
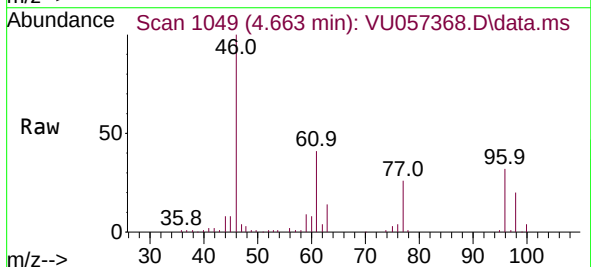


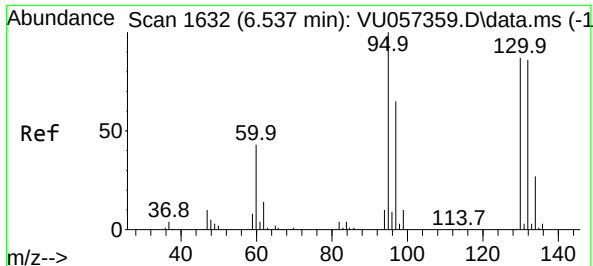
Tgt Ion: 73 Resp: 4379
Ion Ratio Lower Upper
73 100
43 20.1 15.2 22.8
57 21.8 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 1.491 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU057368.D
Acq: 29 Dec 2023 13:32

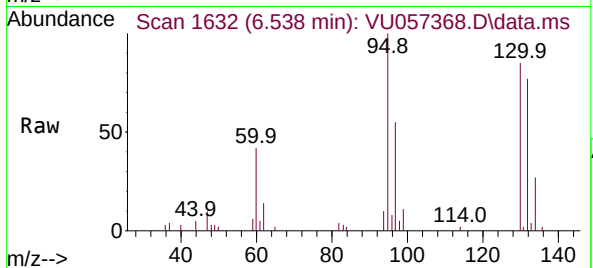
Tgt Ion: 96 Resp: 24273
Ion Ratio Lower Upper
96 100
61 125.7 91.1 169.3
98 60.7 42.6 79.0





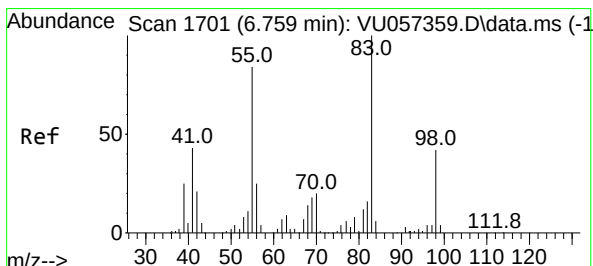
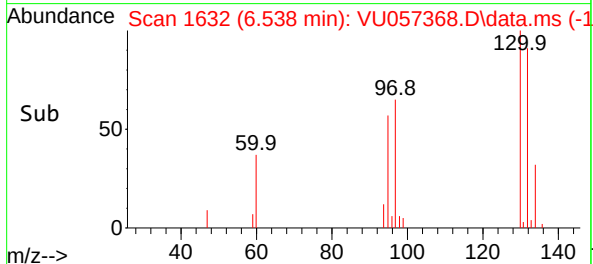
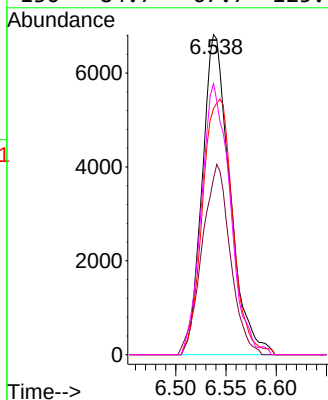
#34
Trichloroethene
Concen: 0.775 ug/L
RT: 6.538 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VU057368.D
Acq: 29 Dec 2023 13:32

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 13006

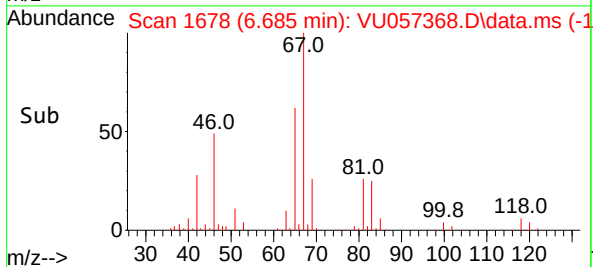
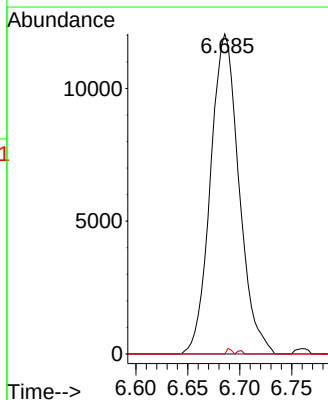
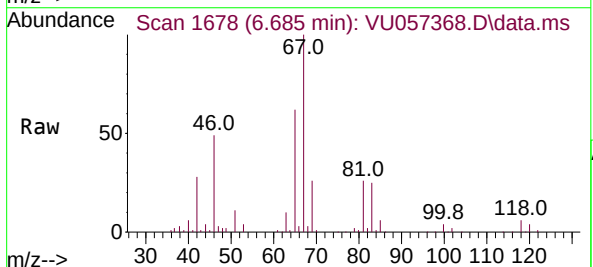
Ion	Ratio	Lower	Upper
95	100		
97	55.2	45.3	84.1
132	76.9	63.1	117.3
130	84.7	67.7	125.7

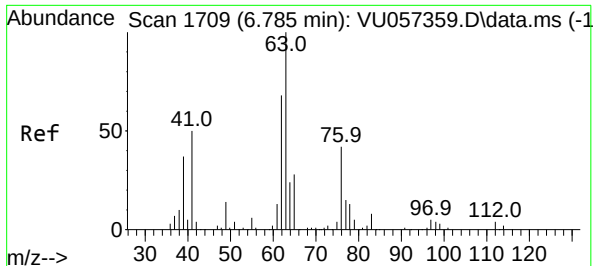


#35
Methylcyclohexane
Concen: 1.052 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057368.D
Acq: 29 Dec 2023 13:32

Tgt Ion: 83 Resp: 23059

Ion	Ratio	Lower	Upper
83	100		
55	0.2	65.4	98.2#
98	0.3	35.3	52.9#





#37

1,2-Dichloropropane

Concen: 0.551 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU057368.D

Acq: 29 Dec 2023 13:32

Instrument :

MSVOA_U

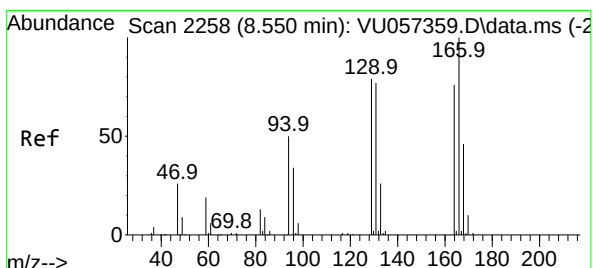
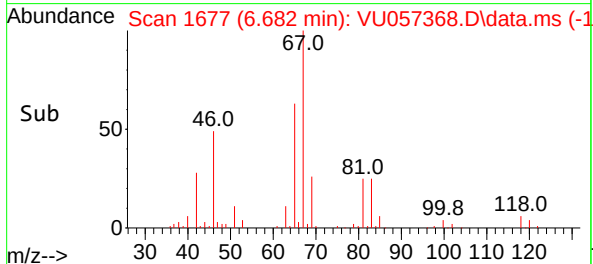
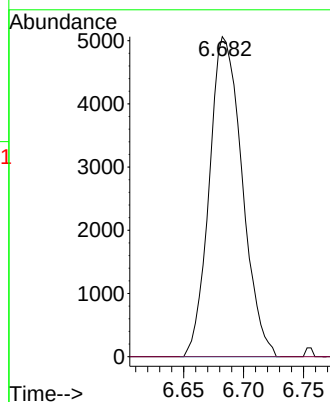
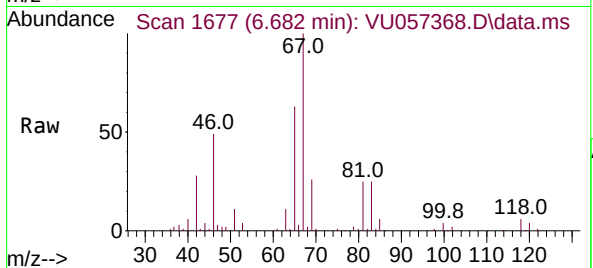
ClientSampleId :

Tgt Ion: 63 Resp: 9655

Ion Ratio Lower Upper

63 100

112 0.4 2.9 4.3#



#47

Tetrachloroethene

Concen: 5.097 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU057368.D

Acq: 29 Dec 2023 13:32

Tgt Ion:164 Resp: 60432

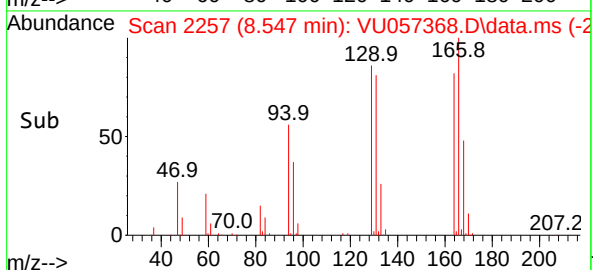
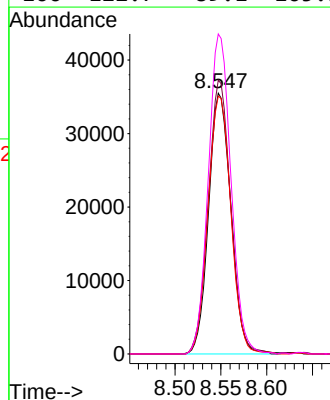
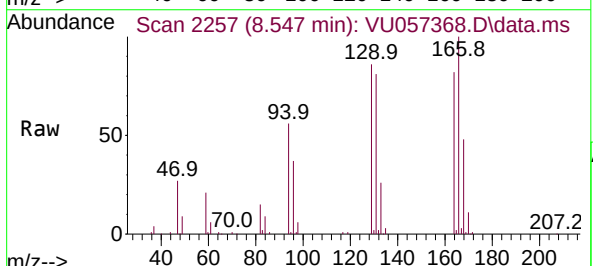
Ion Ratio Lower Upper

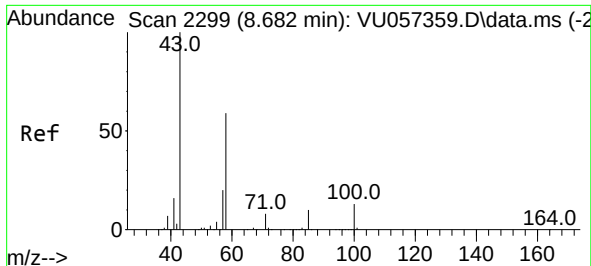
164 100

129 105.0 71.3 132.5

131 98.9 70.7 131.3

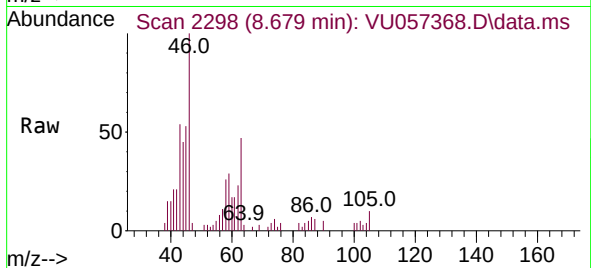
166 122.7 89.1 165.5



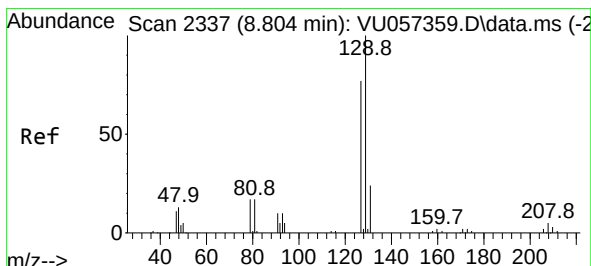
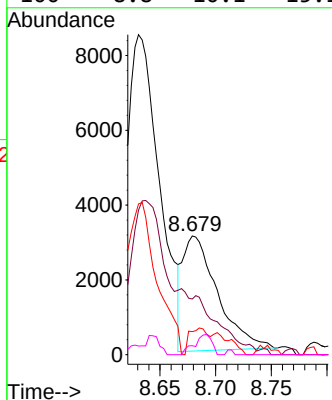
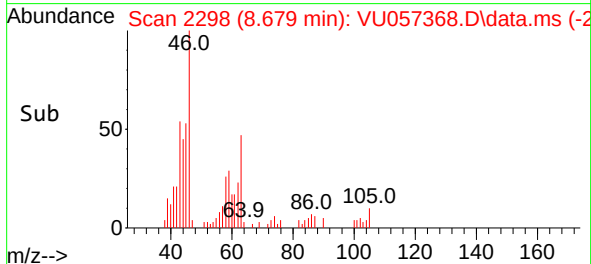


#48
2-Hexanone
Concen: 1.019 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057368.D
Acq: 29 Dec 2023 13:32

Instrument :
MSVOA_U
ClientSampleId :

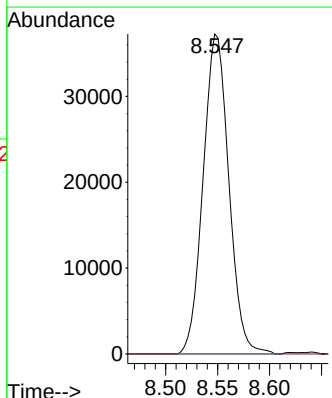
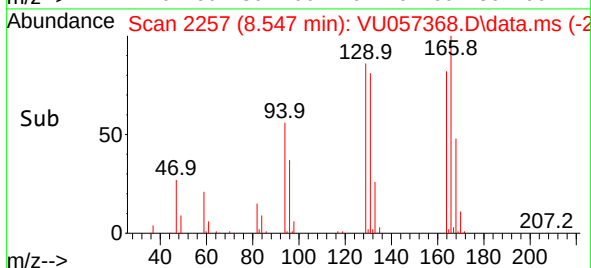
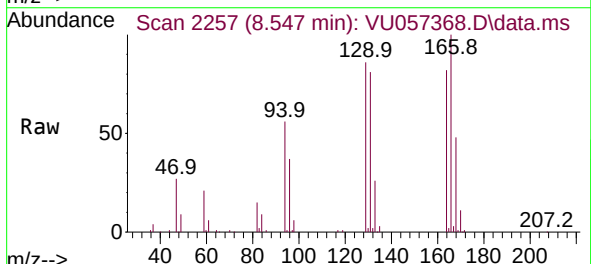


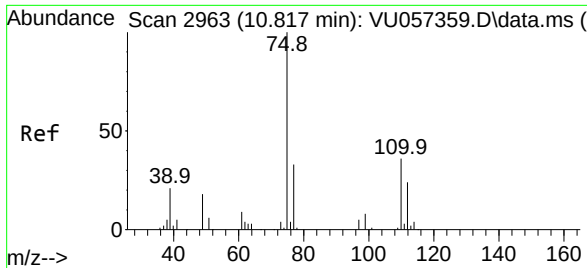
Tgt Ion: 43 Resp: 6704
Ion Ratio Lower Upper
43 100
58 0.0 48.4 72.6#
57 12.5 17.4 26.2#
100 8.8 10.1 15.1#



#49
Dibromochloromethane
Concen: 4.410 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU057368.D
Acq: 29 Dec 2023 13:32

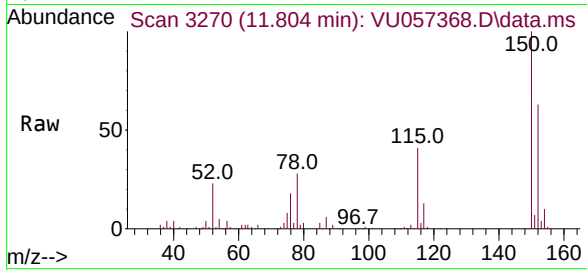
Tgt Ion:129 Resp: 64075
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.113 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057368.D
 Acq: 29 Dec 2023 13:32

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.3	29.0	43.6#
77	37.9	25.4	38.2

