

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057348.D
 Acq On : 28 Dec 2023 21:11
 Operator : MD/SY
 Sample : 05998-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 21:40:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 21:37:03 2023
 Response via : Initial Calibration

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

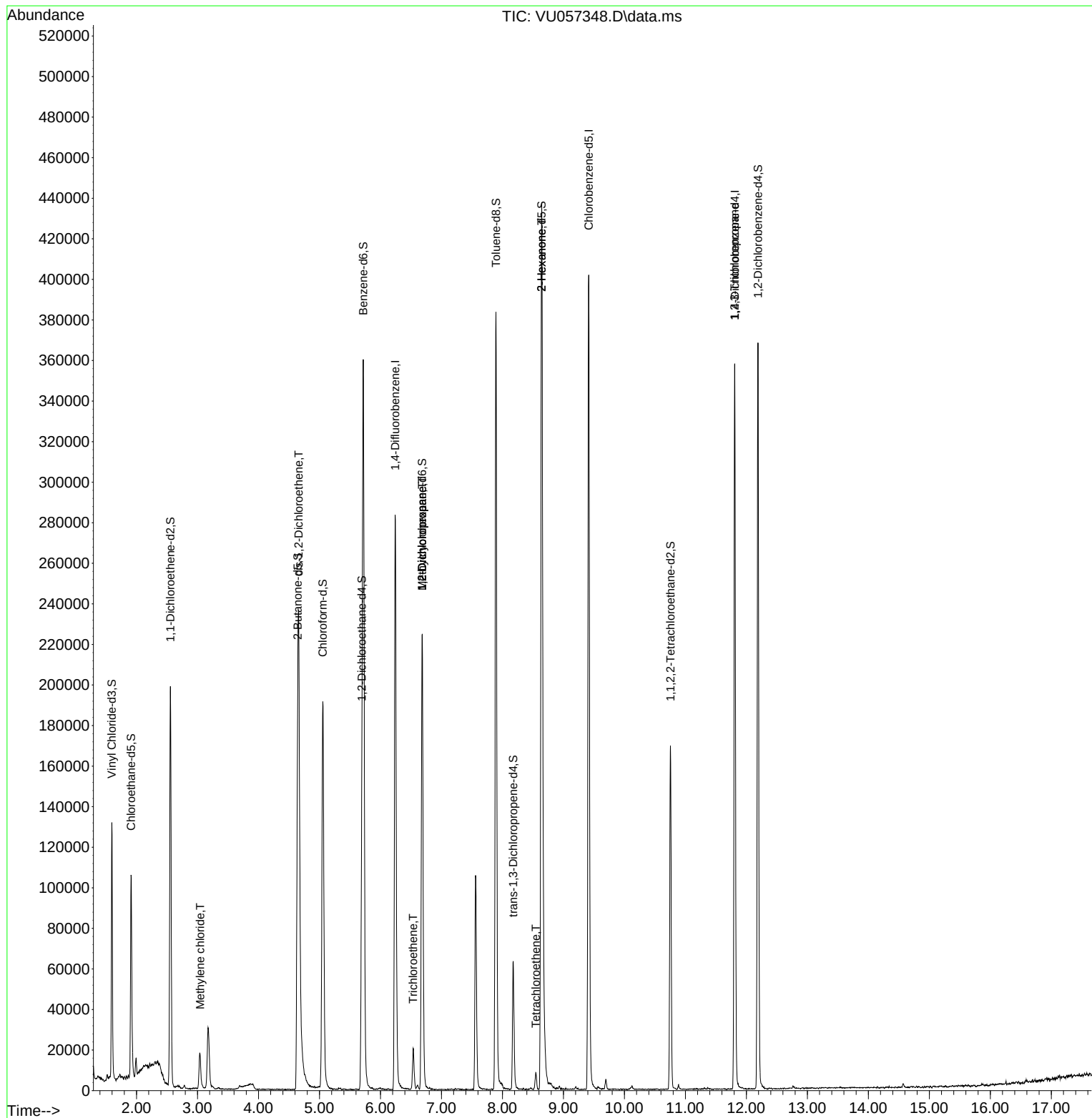
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	224966	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	230096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	92775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	92548	4.785	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.911	69	84747	5.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.200%
11) 1,1-Dichloroethene-d2	2.557	65	38861	5.048	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	4.644	46	235102	53.672	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.340%
24) Chloroform-d	5.055	84	185380	5.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.695	65	90441	5.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.717	84	338064	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.682	67	111739	5.436	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.894	98	258603	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.177	79	38556	4.675	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.643	63	173828	46.538	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.080%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	87707	5.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	96099	5.688	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						
16) Methylene chloride	3.042	84	8409	0.443	ug/L	83
22) cis-1,2-Dichloroethene	4.660	96	75904	4.501	ug/L	96
34) Trichloroethene	6.537	95	6294	0.356	ug/L	96
35) Methylcyclohexane	6.682	83	26310	1.140	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	12455	0.675	ug/L #	89
47) Tetrachloroethene	8.547	164	1767	0.142	ug/L	96
48) 2-Hexanone	8.643	43	29219	4.217	ug/L #	69
61) 1,2,3-Trichloropropane	11.807	75	11754	1.213	ug/L #	69

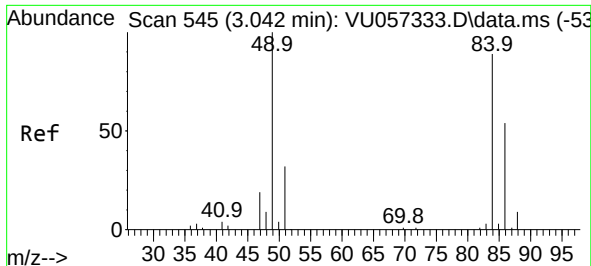
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

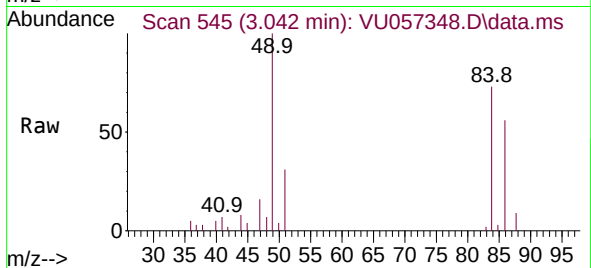
Quant Time: Dec 28 21:40:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
Quant Title : TRACE VOA SFAM1.0
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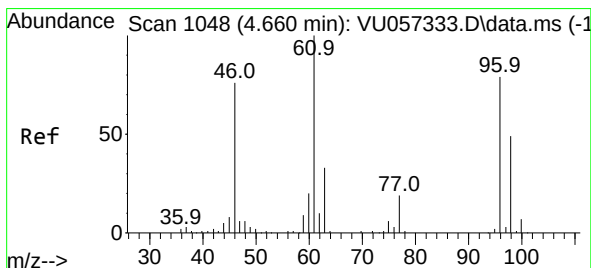
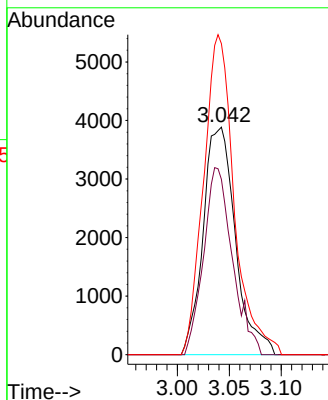
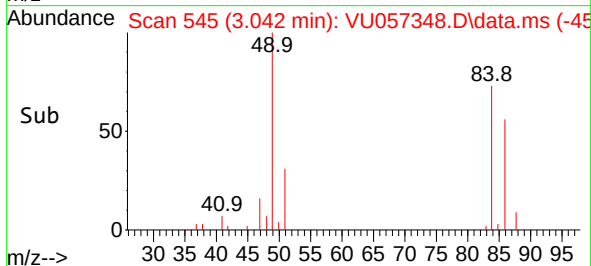


#16
Methylene chloride
Concen: 0.443 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU057348.D
Acq: 28 Dec 2023 21:11

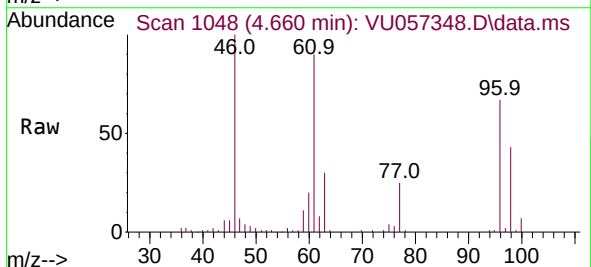
Instrument :
MSVOA_U
ClientSampleId :



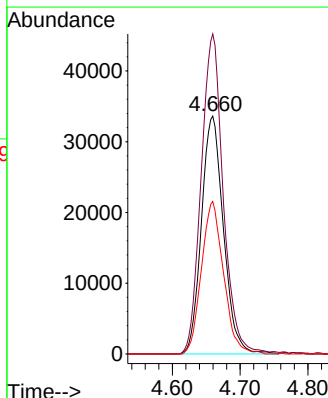
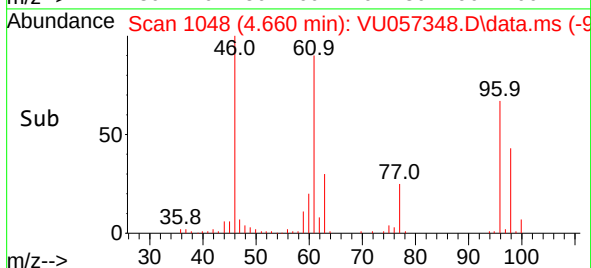
Tgt Ion: 84 Resp: 8409
Ion Ratio Lower Upper
84 100
86 77.1 43.8 81.3
49 136.7 83.2 154.4

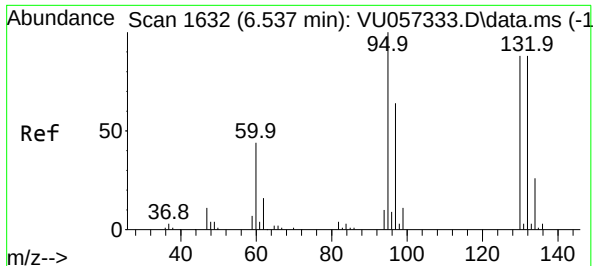


#22
cis-1,2-Dichloroethene
Concen: 4.501 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU057348.D
Acq: 28 Dec 2023 21:11



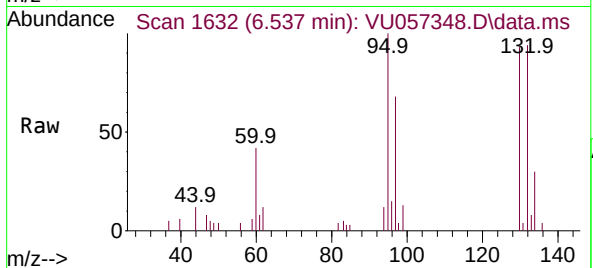
Tgt Ion: 96 Resp: 75904
Ion Ratio Lower Upper
96 100
61 134.5 91.1 169.3
98 64.1 42.6 79.0





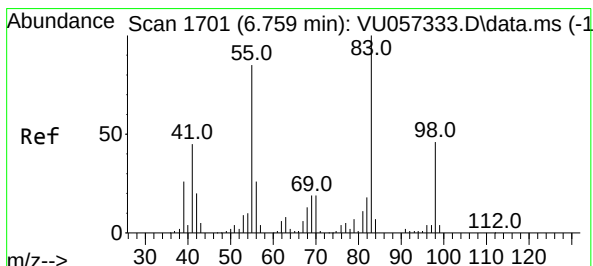
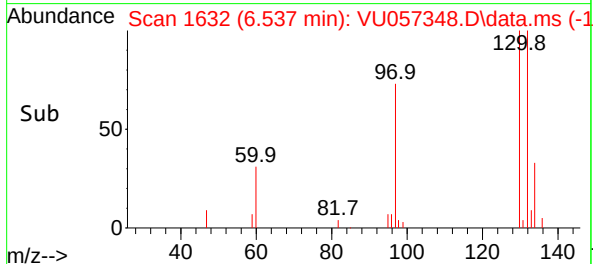
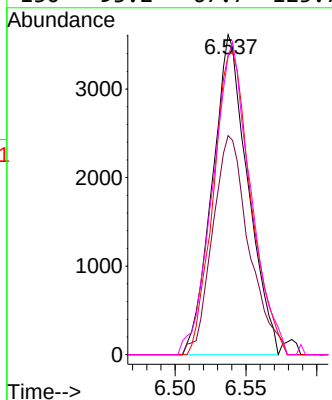
#34
Trichloroethene
Concen: 0.356 ug/L
RT: 6.537 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VU057348.D
Acq: 28 Dec 2023 21:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 6294

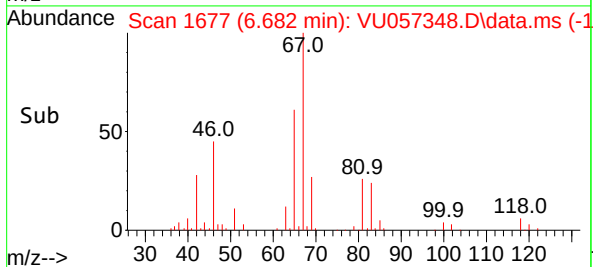
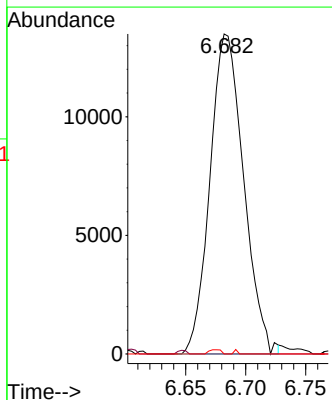
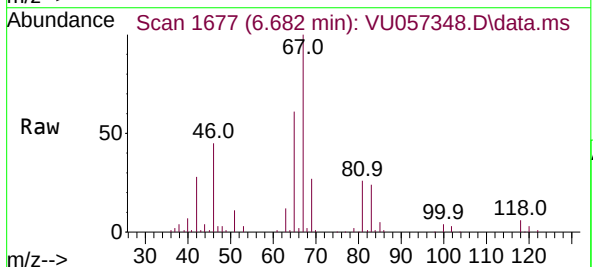
Ion	Ratio	Lower	Upper
95	100		
97	68.5	45.3	84.1
132	93.6	63.1	117.3
130	93.2	67.7	125.7

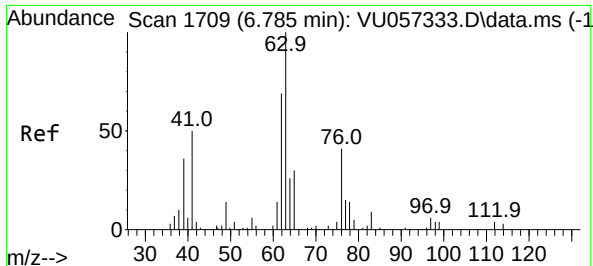


#35
Methylcyclohexane
Concen: 1.140 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057348.D
Acq: 28 Dec 2023 21:11

Tgt Ion: 83 Resp: 26310

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.4	98.2#
98	0.1	35.3	52.9#





#37

1,2-Dichloropropane

Concen: 0.675 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU057348.D

Acq: 28 Dec 2023 21:11

Instrument :

MSVOA_U

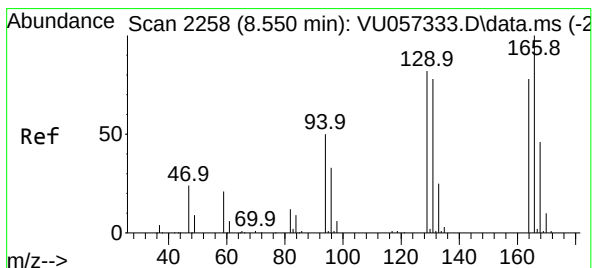
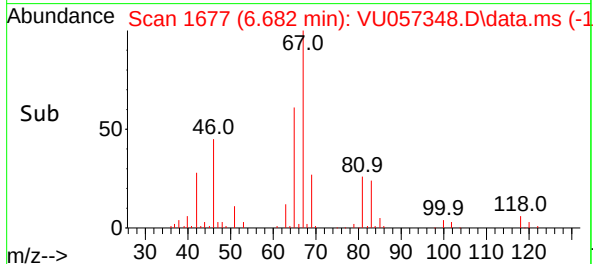
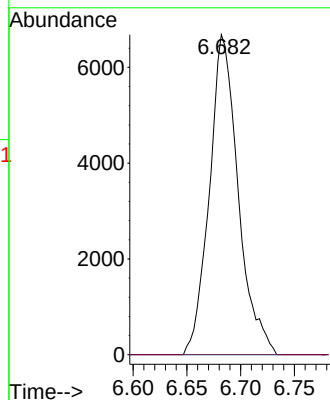
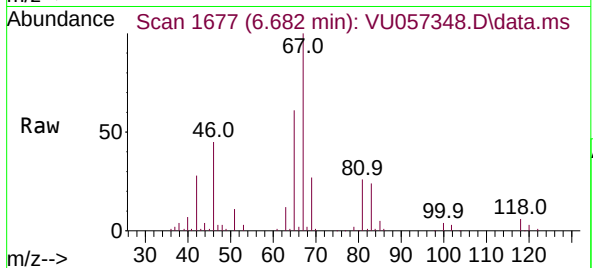
ClientSampleId :

Tgt Ion: 63 Resp: 12455

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#47

Tetrachloroethene

Concen: 0.142 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU057348.D

Acq: 28 Dec 2023 21:11

Tgt Ion:164 Resp: 1767

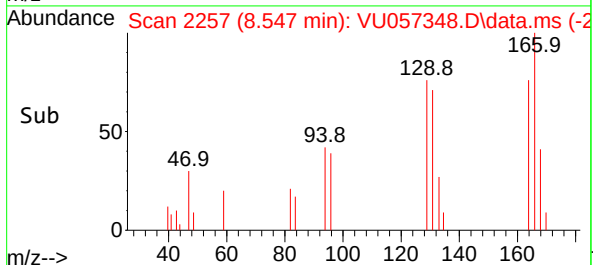
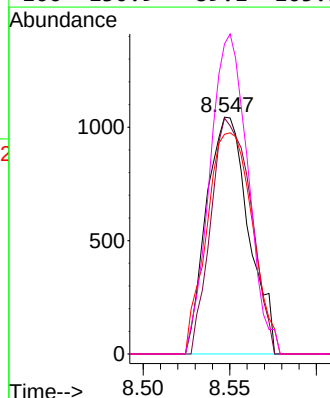
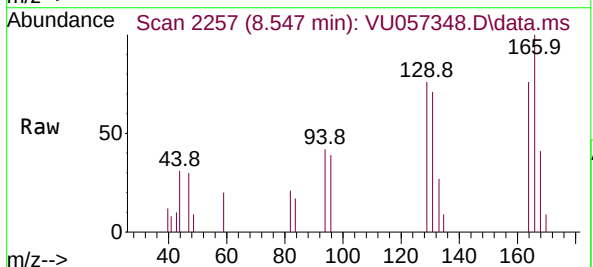
Ion Ratio Lower Upper

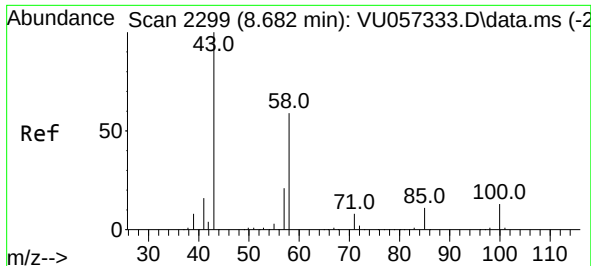
164 100

129 99.6 71.3 132.5

131 92.8 70.7 131.3

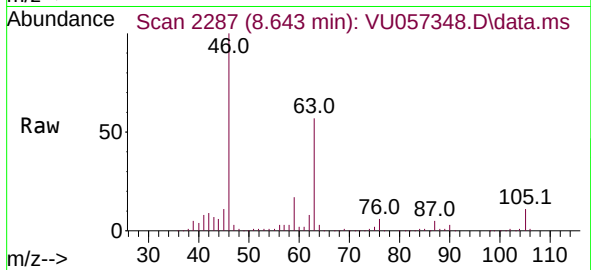
166 130.9 89.1 165.5



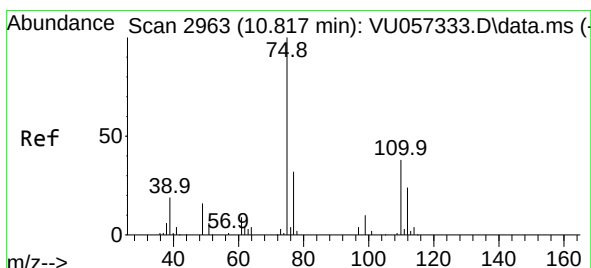
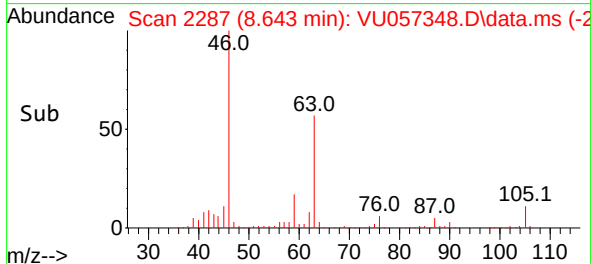
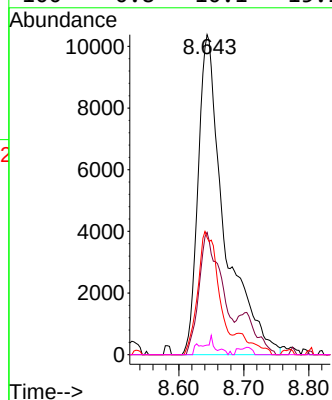


#48
2-Hexanone
Concen: 4.217 ug/L
RT: 8.643 min Scan# 21
Delta R.T. -0.039 min
Lab File: VU057348.D
Acq: 28 Dec 2023 21:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	29219
Ion Ratio	100	Lower	Upper
58	32.7	48.4	72.6#
57	30.4	17.4	26.2#
100	0.8	10.1	15.1#



#61
1,2,3-Trichloropropane
Concen: 1.213 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057348.D
Acq: 28 Dec 2023 21:11

Tgt Ion:	75	Resp:	11754
Ion Ratio	100	Lower	Upper
110	2.2	29.0	43.6#
77	32.2	25.4	38.2

