

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059805.D
 Acq On : 03 Jul 2024 18:30
 Operator : MD/SY
 Sample : P3136-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BE5

Quant Time: Jul 04 02:10:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 02:08:13 2024
 Response via : Initial Calibration

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

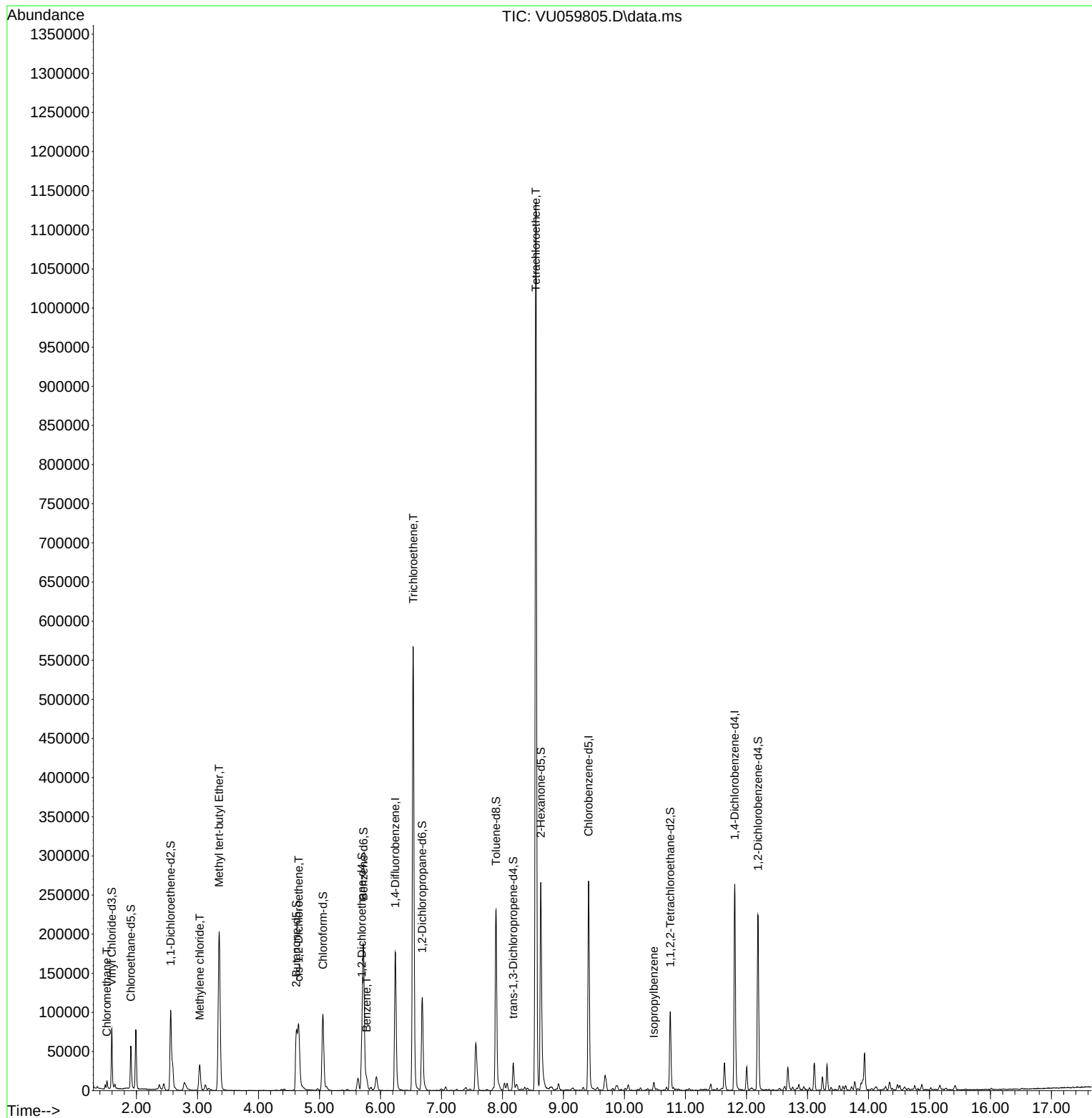
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	150210	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156890	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74145	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	50289	4.815	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.908	69	43661	4.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	18764	4.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.618	46	109937	51.098	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.200%
24) Chloroform-d	5.055	84	93799	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.695	65	47227	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.721	84	187481	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.682	67	61395	4.640	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.894	98	164416	4.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.177	79	21231	5.124	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.628	63	94194	54.718	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52282	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	64641	4.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	7239	0.528	ug/L	100
16) Methylene chloride	3.036	84	3155	0.250	ug/L #	76
17) Methyl tert-butyl Ether	3.354	73	218730	9.528	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	38159	3.125	ug/L	94
33) Benzene	5.772	78	16212	0.340	ug/L	100
34) Trichloroethene	6.538	95	200433	15.534	ug/L	97
47) Tetrachloroethene	8.547	164	261617	26.130	ug/L	97
60) Isopropylbenzene	10.483	105	6998	0.153	ug/L #	96

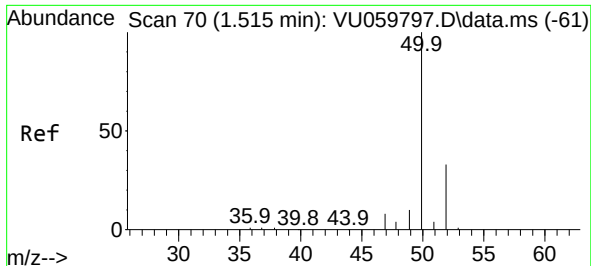
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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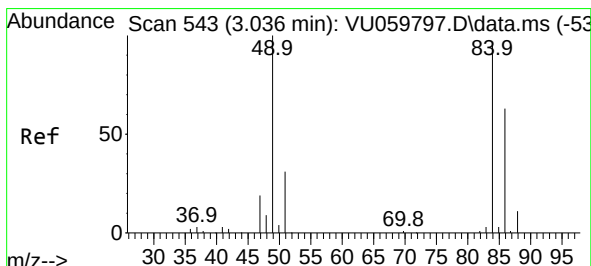
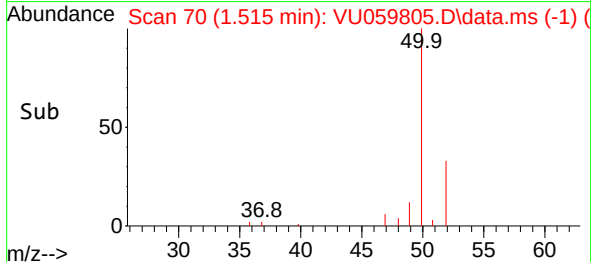
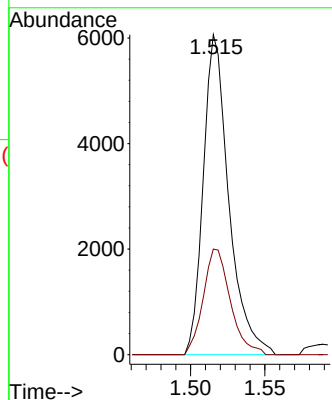
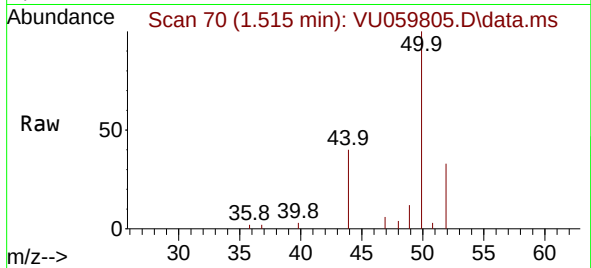




#3
Chloromethane
Concen: 0.528 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059805.D
Acq: 03 Jul 2024 18:30

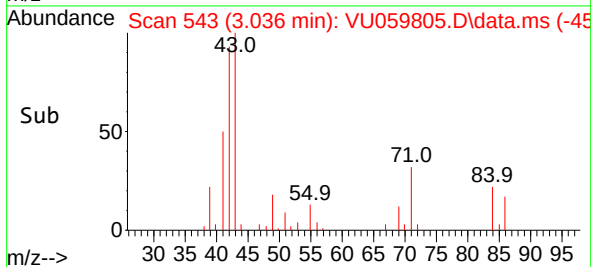
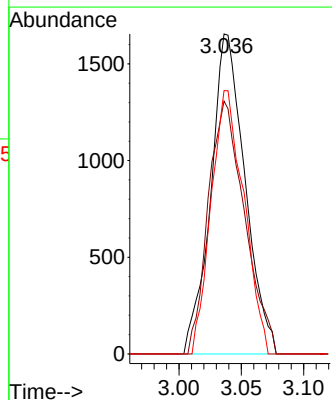
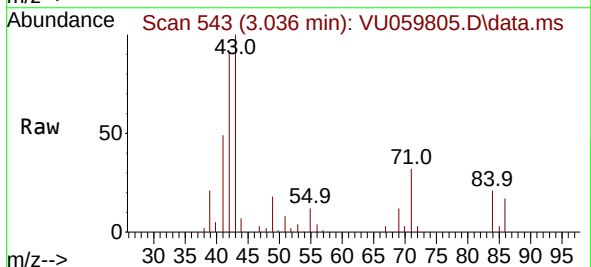
Instrument :
MSVOA_U
ClientSampleId :
C0BE5

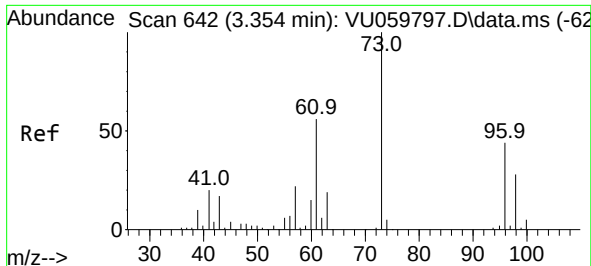
Tgt Ion: 50 Resp: 7239
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.0



#16
Methylene chloride
Concen: 0.250 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU059805.D
Acq: 03 Jul 2024 18:30

Tgt Ion: 84 Resp: 3155
Ion Ratio Lower Upper
84 100
86 79.0 42.1 78.1#
49 88.9 80.6 149.8

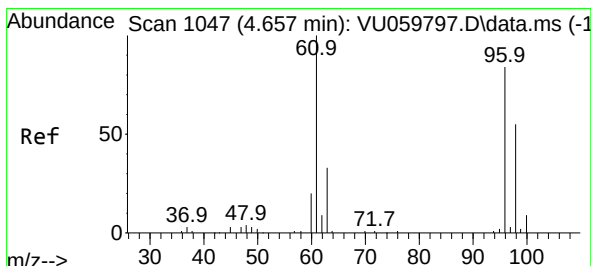
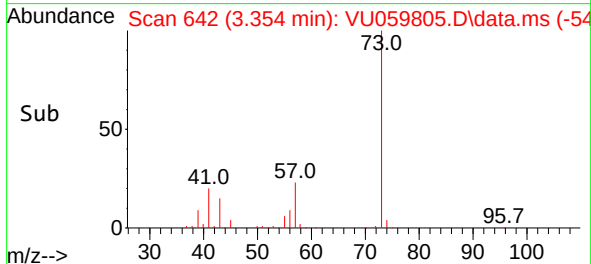
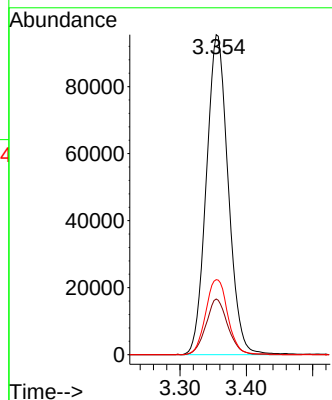
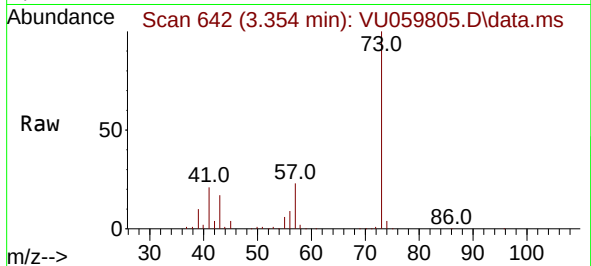




#17
Methyl tert-butyl Ether
Concen: 9.528 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059805.D
Acq: 03 Jul 2024 18:30

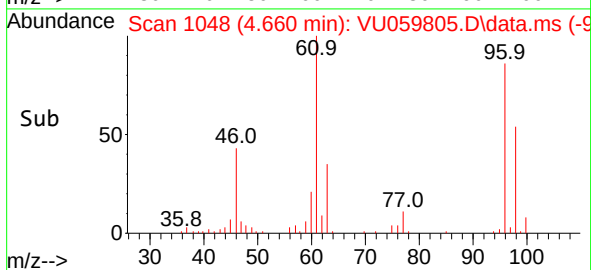
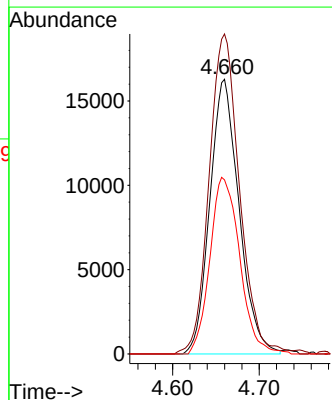
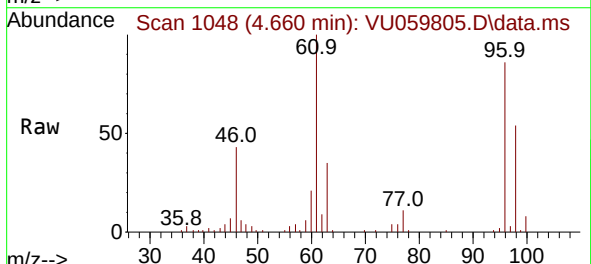
Instrument :
MSVOA_U
ClientSampleId :
COBE5

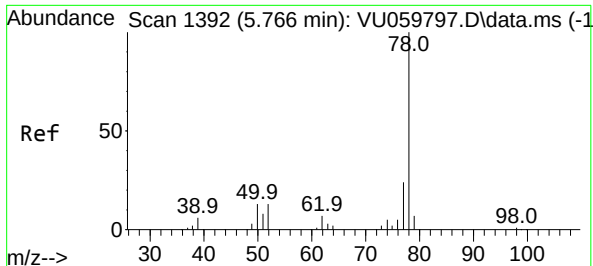
Tgt Ion: 73 Resp: 218730
Ion Ratio Lower Upper
73 100
43 17.3 14.9 22.3
57 23.8 18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 3.125 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU059805.D
Acq: 03 Jul 2024 18:30

Tgt Ion: 96 Resp: 38159
Ion Ratio Lower Upper
96 100
61 116.5 87.4 162.2
98 63.4 42.3 78.5

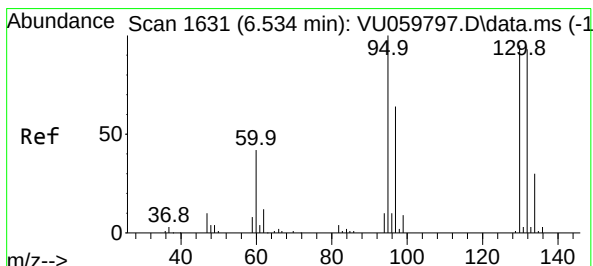
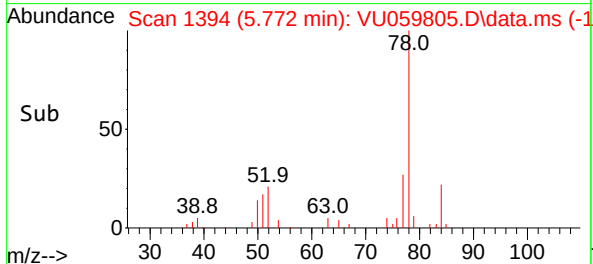
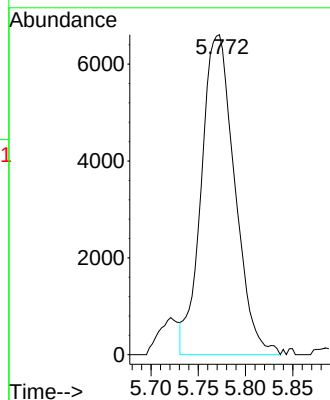
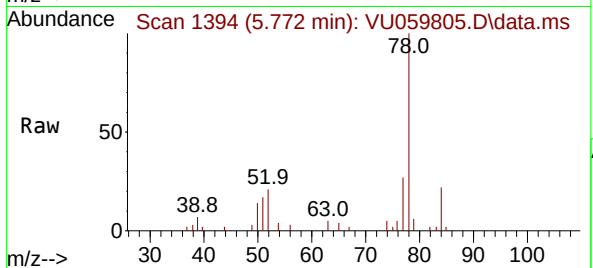




#33
Benzene
Concen: 0.340 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU059805.D
Acq: 03 Jul 2024 18:30

Instrument :
MSVOA_U
ClientSampleId :
C0BE5

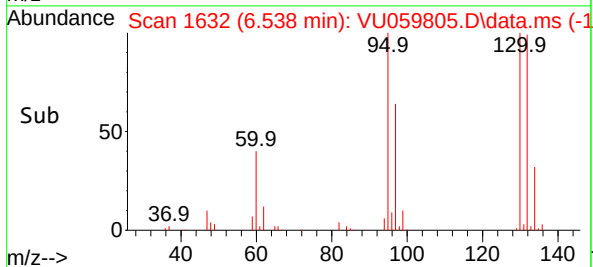
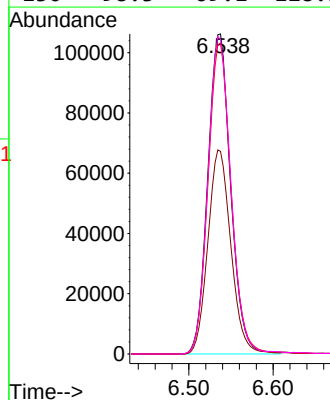
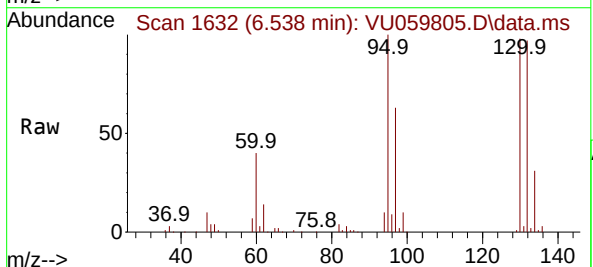
Tgt Ion: 78 Resp: 16212

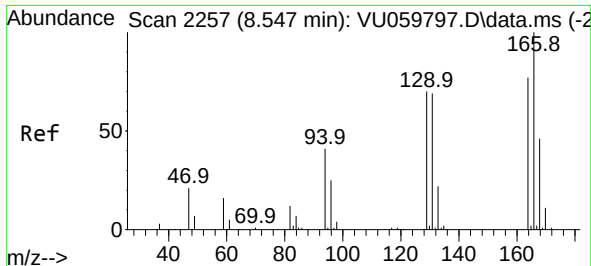


#34
Trichloroethene
Concen: 15.534 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU059805.D
Acq: 03 Jul 2024 18:30

Tgt Ion: 95 Resp: 200433

Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.3	84.1
132	97.1	64.0	119.0
130	98.3	69.1	128.3





#47

Tetrachloroethene

Concen: 26.130 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059805.D

Acq: 03 Jul 2024 18:30

Instrument :

MSVOA_U

ClientSampleId :

C0BE5

Tgt Ion:164 Resp: 261617

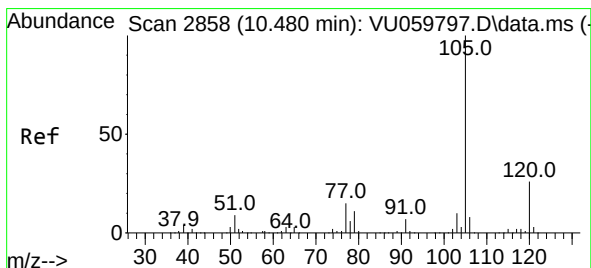
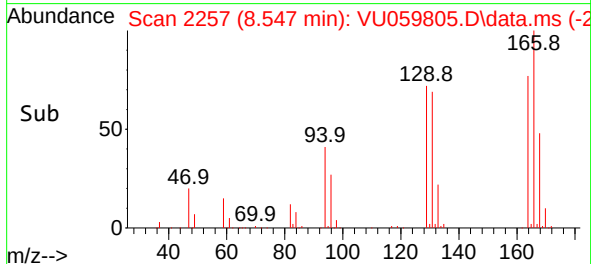
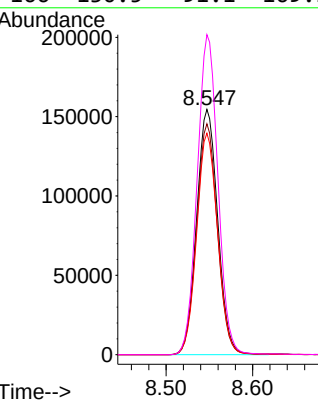
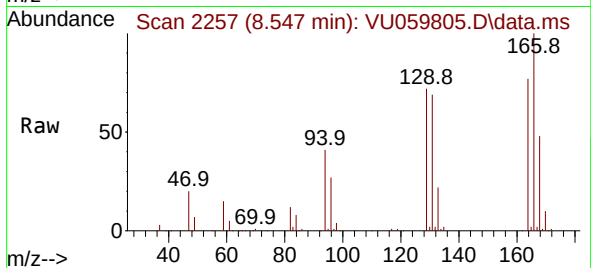
Ion Ratio Lower Upper

164 100

129 94.2 70.8 131.4

131 90.3 64.8 120.3

166 130.5 91.1 169.1



#60

Isopropylbenzene

Concen: 0.153 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.003 min

Lab File: VU059805.D

Acq: 03 Jul 2024 18:30

Tgt Ion:105 Resp: 6998

Ion Ratio Lower Upper

105 100

120 24.6 20.6 31.0

77 19.2 12.8 19.2#

