

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059503.D
 Acq On : 26 Jun 2024 04:31
 Operator : MD/SY
 Sample : P3006-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 06:21:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 05:55:36 2024
 Response via : Initial Calibration

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

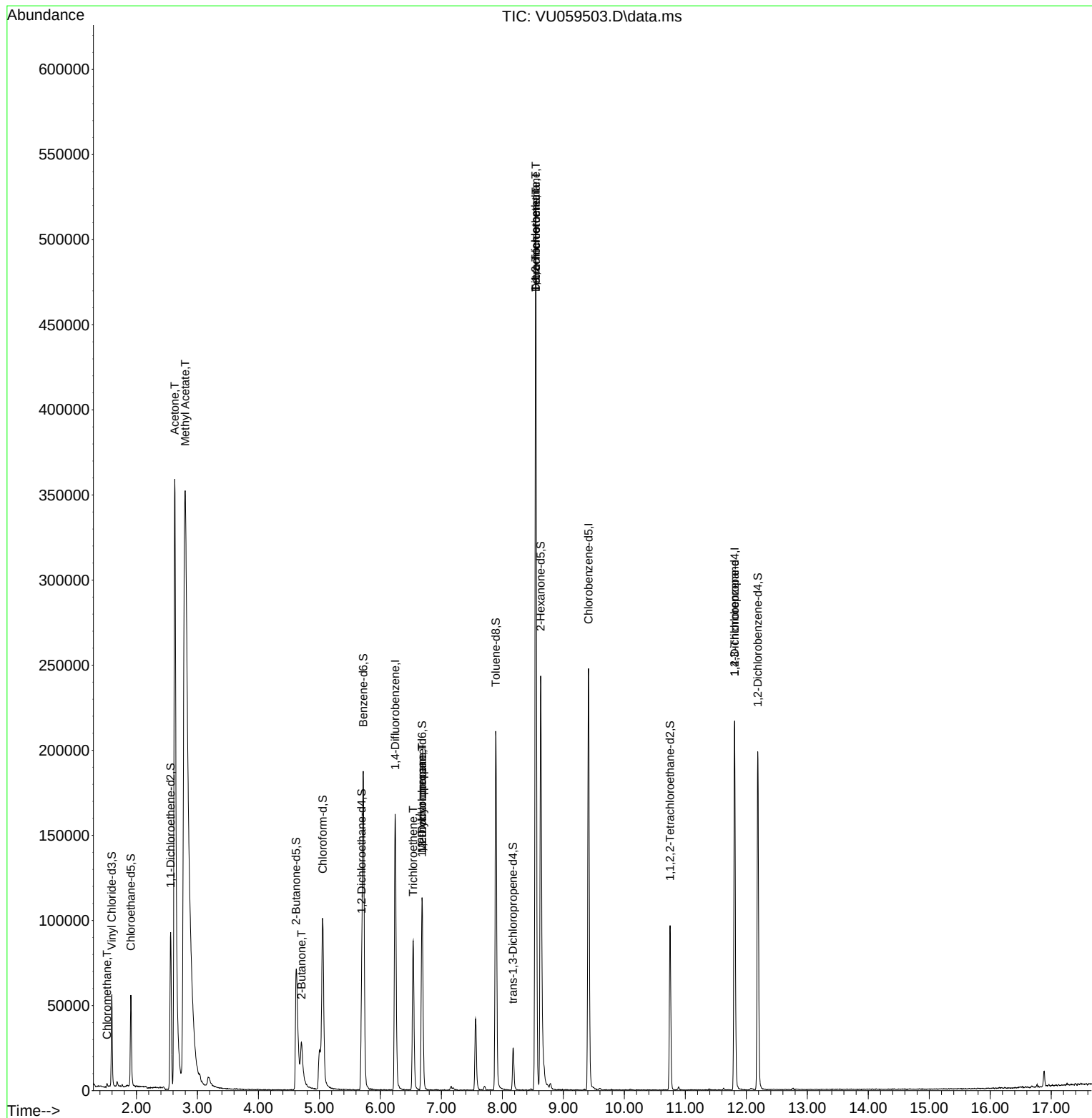
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	140855	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	64373	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39405	4.023	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.908	69	41720	4.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.561	65	17811	4.383	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.618	46	109799	54.423	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.840%
24) Chloroform-d	5.052	84	88280	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.692	65	45575	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.718	84	184490	4.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.683	67	57898	4.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.891	98	150637	3.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.174	79	15146	3.878	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.628	63	83812	51.652	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.300%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49964	4.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	57301	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
3) Chloromethane	1.519	50	1705	0.133	ug/L	92
13) Acetone	2.628	43	535463	409.149	ug/L	93
15) Methyl Acetate	2.798	43	257574	74.581	ug/L #	51
21) 2-Butanone	4.708	43	40417	19.254	ug/L	87
34) Trichloroethene	6.538	95	30588	2.515	ug/L	95
35) Methylcyclohexane	6.683	83	13341	0.771	ug/L #	26
37) 1,2-Dichloropropane	6.686	63	5961	0.513	ug/L #	90
45) 1,1,2-Trichloroethane	8.544	97	947	0.111	ug/L #	4
47) Tetrachloroethene	8.547	164	117636	12.465	ug/L	97
49) Dibromochloromethane	8.547	129	110062	11.602	ug/L #	12
61) 1,2,3-Trichloropropane	11.808	75	7104	1.194	ug/L #	68

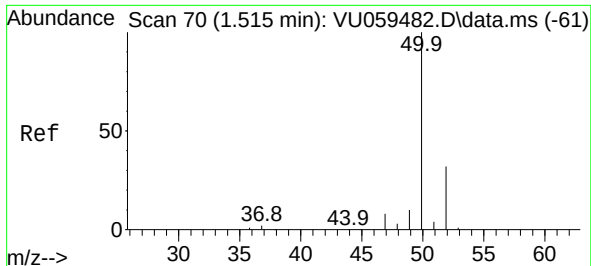
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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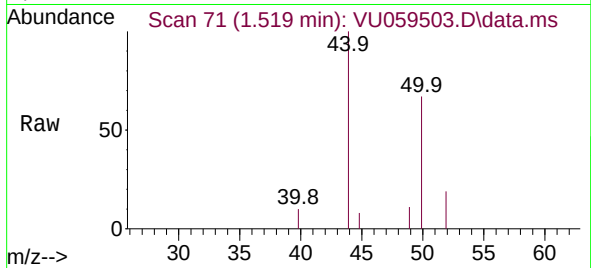
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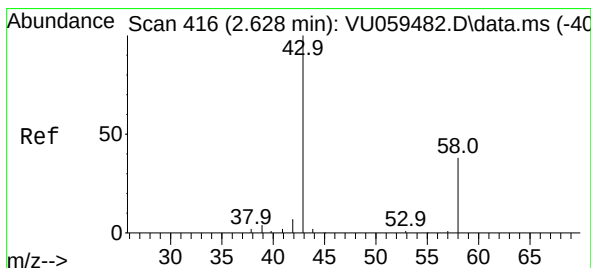
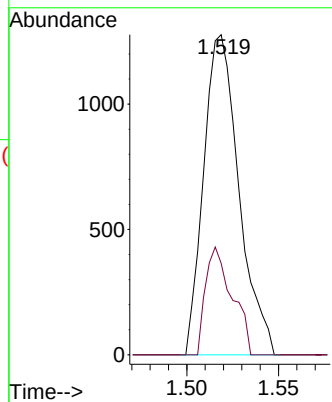
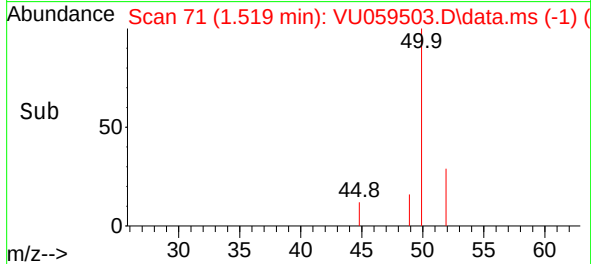


#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.519 min Scan# 71
Delta R.T. 0.004 min
Lab File: VU059503.D
Acq: 26 Jun 2024 04:31

Instrument :
MSVOA_U
ClientSampleId :

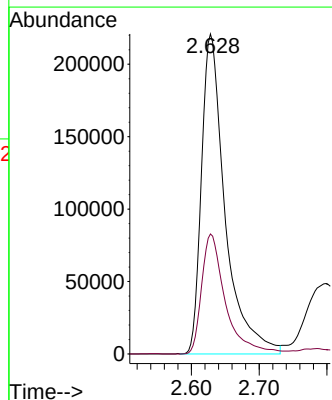
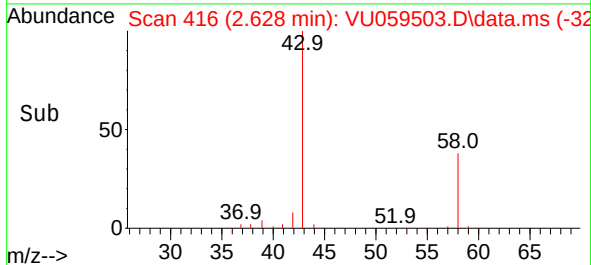
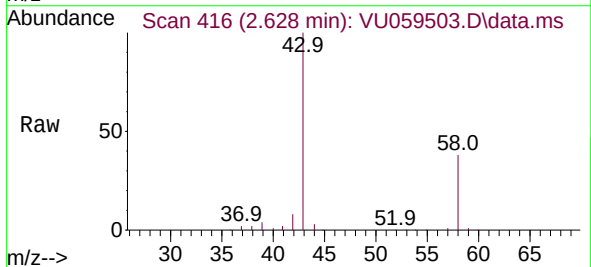


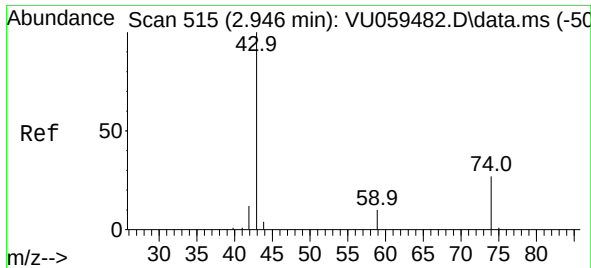
Tgt Ion: 50 Resp: 1705
Ion Ratio Lower Upper
50 100
52 28.6 23.2 43.0



#13
Acetone
Concen: 409.149 ug/L
RT: 2.628 min Scan# 416
Delta R.T. 0.000 min
Lab File: VU059503.D
Acq: 26 Jun 2024 04:31

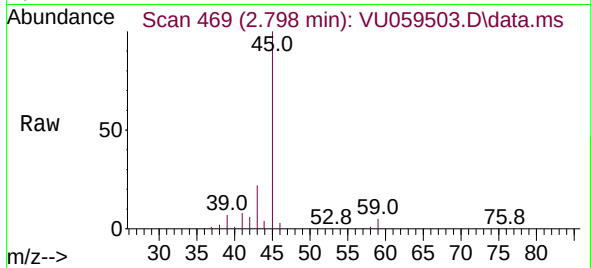
Tgt Ion: 43 Resp: 535463
Ion Ratio Lower Upper
43 100
58 37.9 0.0 68.0



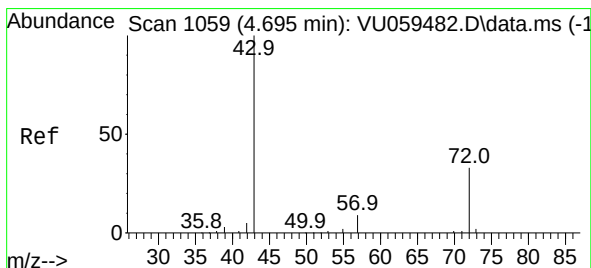
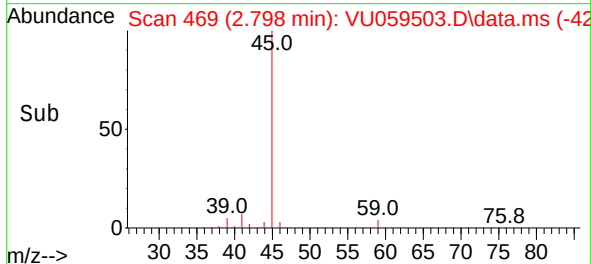
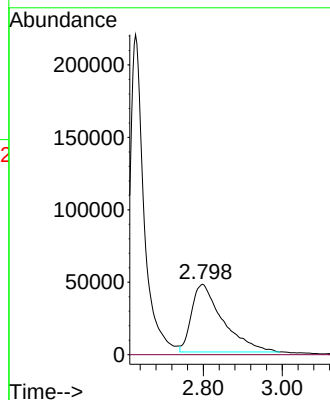


#15
Methyl Acetate
Concen: 74.581 ug/L
RT: 2.798 min Scan# 40
Delta R.T. -0.147 min
Lab File: VU059503.D
Acq: 26 Jun 2024 04:31

Instrument :
MSVOA_U
ClientSampleId :

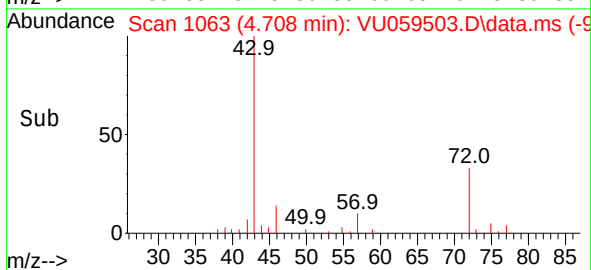
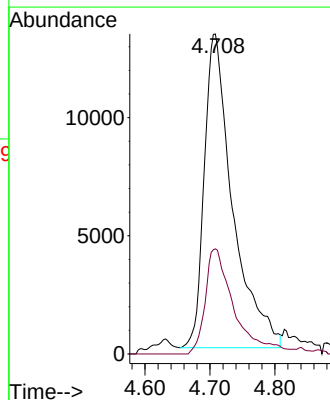
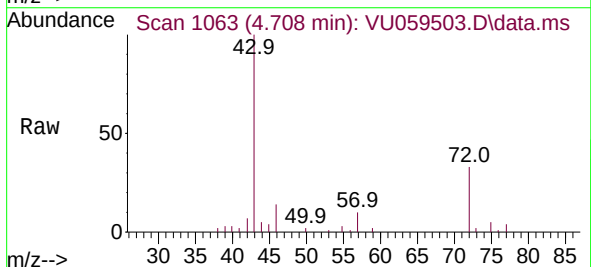


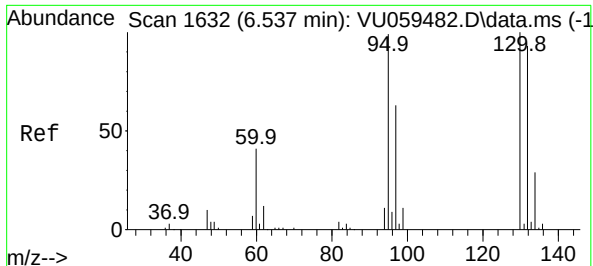
Tgt Ion: 43 Resp: 257574
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#21
2-Butanone
Concen: 19.254 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.013 min
Lab File: VU059503.D
Acq: 26 Jun 2024 04:31

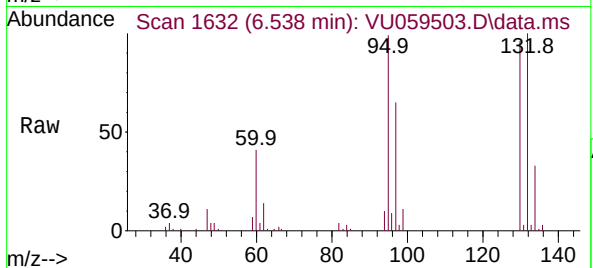
Tgt Ion: 43 Resp: 40417
Ion Ratio Lower Upper
43 100
72 34.1 13.8 41.4



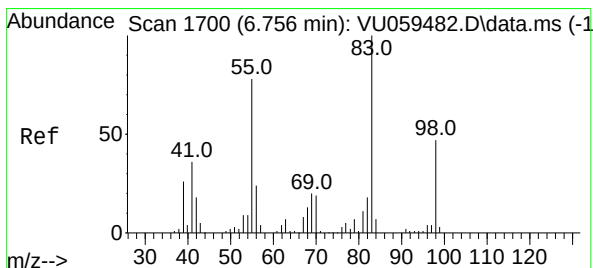
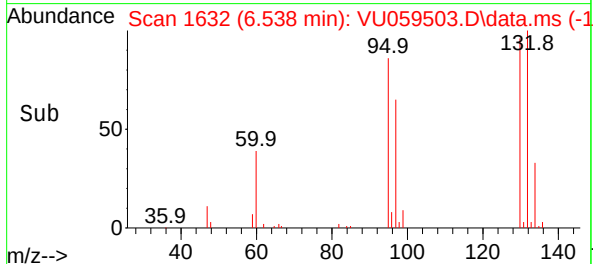
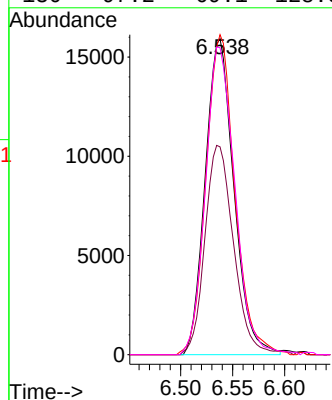


#34
Trichloroethene
Concen: 2.515 ug/L
RT: 6.538 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VU059503.D
Acq: 26 Jun 2024 04:31

Instrument :
MSVOA_U
ClientSampleId :

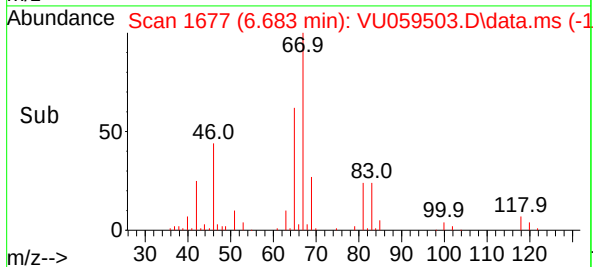
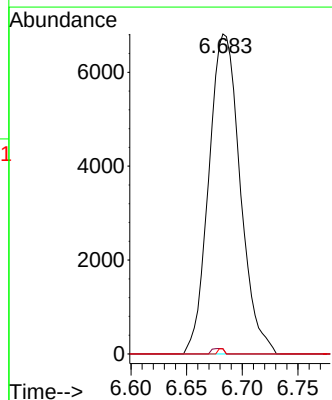
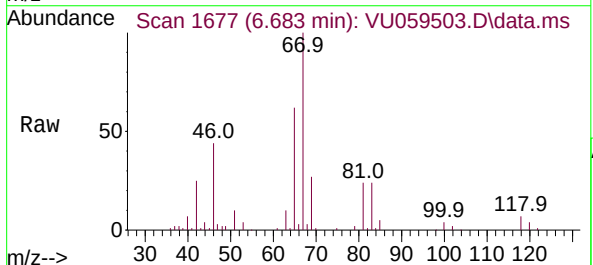


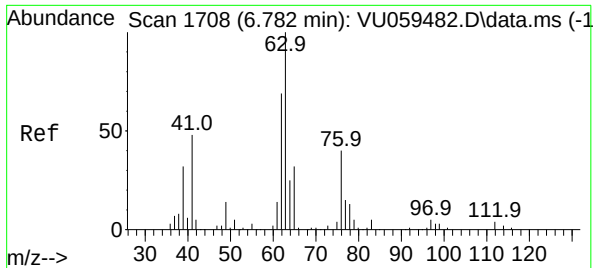
Tgt Ion:	95	Resp:	30588
Ion Ratio	Lower	Upper	
95	100		
97	65.8	45.3	84.1
132	101.3	64.0	119.0
130	97.2	69.1	128.3



#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.683 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU059503.D
Acq: 26 Jun 2024 04:31

Tgt Ion:	83	Resp:	13341
Ion Ratio	Lower	Upper	
83	100		
55	0.6	62.7	94.1#
98	14.2	35.4	53.0#

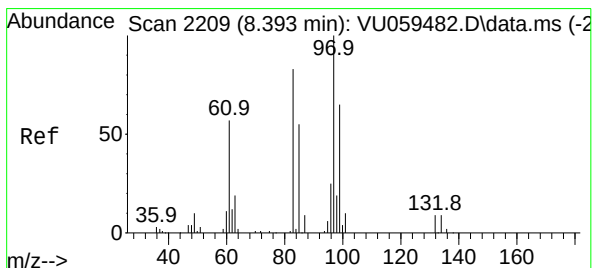
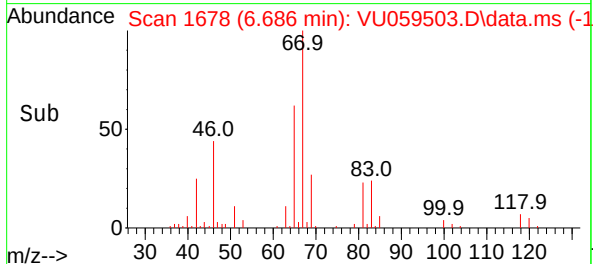
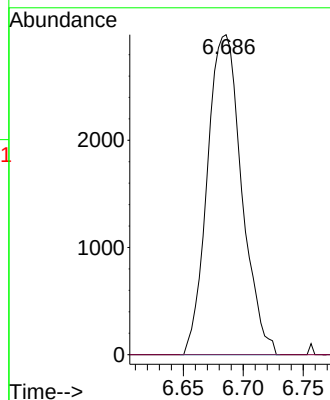
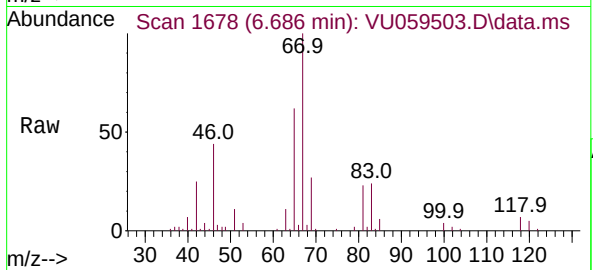




#37
1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.686 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU059503.D
Acq: 26 Jun 2024 04:31

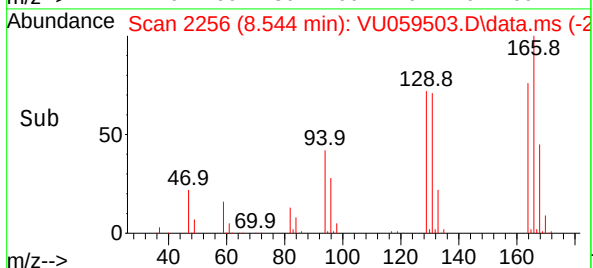
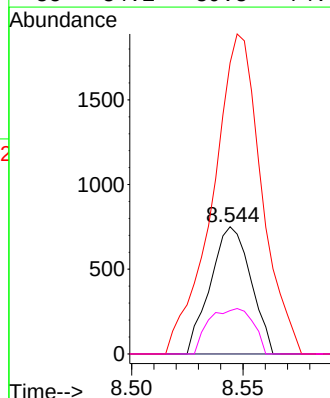
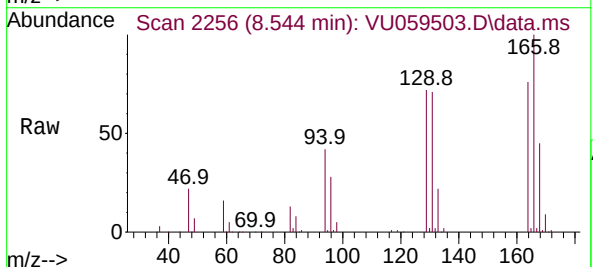
Instrument :
MSVOA_U
ClientSampleId :

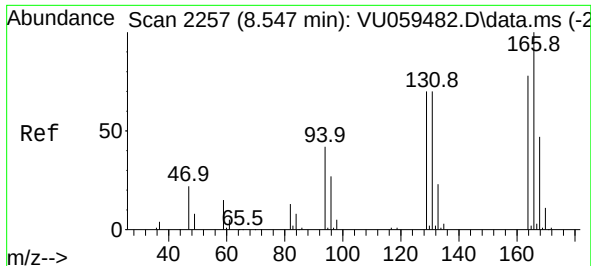
Tgt Ion: 63 Resp: 5961
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#45
1,1,2-Trichloroethane
Concen: 0.111 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.152 min
Lab File: VU059503.D
Acq: 26 Jun 2024 04:31

Tgt Ion: 97 Resp: 947
Ion Ratio Lower Upper
97 100
99 0.0 43.3 80.3#
83 228.9 62.3 115.7#
85 34.1 39.8 74.0#





#47

Tetrachloroethene

Concen: 12.465 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

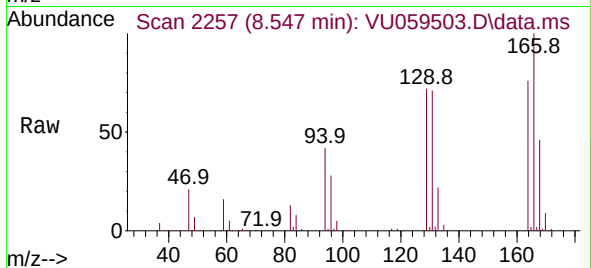
Lab File: VU059503.D

Acq: 26 Jun 2024 04:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 117636

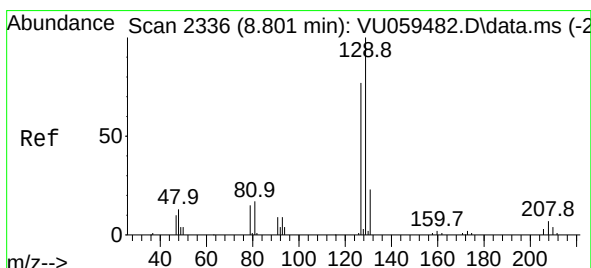
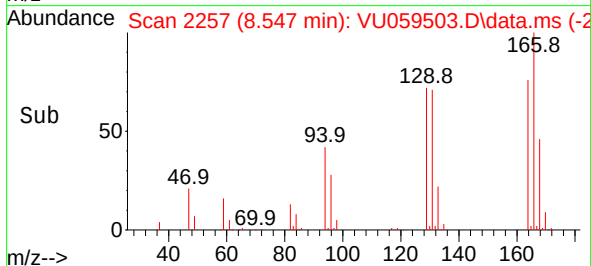
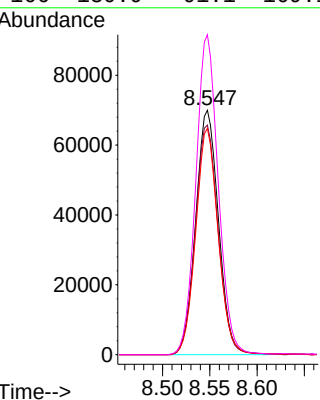
Ion Ratio Lower Upper

164 100

129 93.9 70.8 131.4

131 92.6 64.8 120.3

166 130.9 91.1 169.1



#49

Dibromochloromethane

Concen: 11.602 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU059503.D

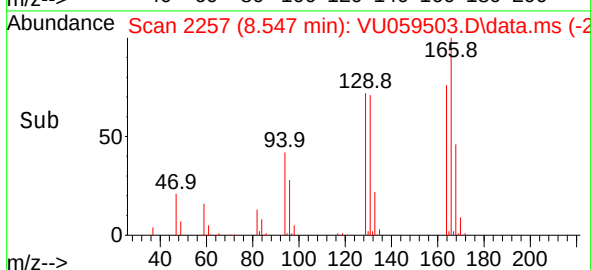
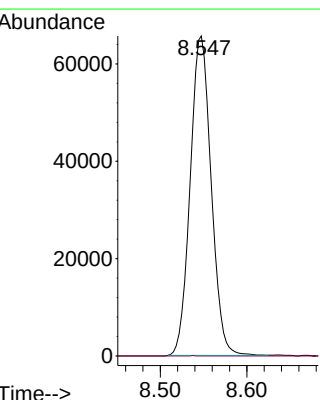
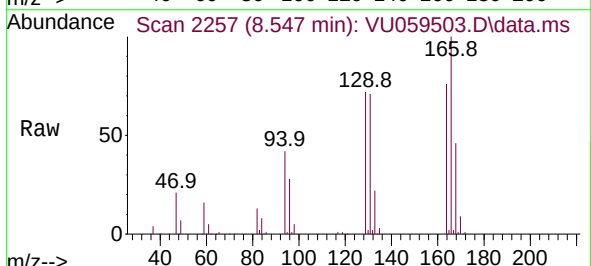
Acq: 26 Jun 2024 04:31

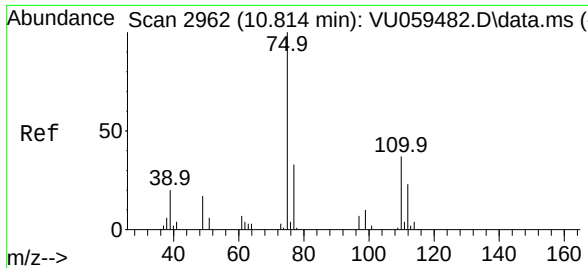
Tgt Ion:129 Resp: 110062

Ion Ratio Lower Upper

129 100

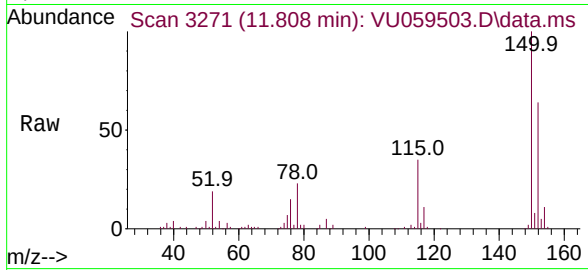
127 0.0 52.5 97.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.194 ug/L
 RT: 11.808 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU059503.D
 Acq: 26 Jun 2024 04:31

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	7104
Ion	Ratio	Lower	Upper
75	100		
110	0.6	27.1	40.7#
77	30.0	25.4	38.2

