

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059707.D
 Acq On : 02 Jul 2024 00:28
 Operator : MD/SY
 Sample : P3121-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COBJ2

Quant Time: Jul 02 03:55:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

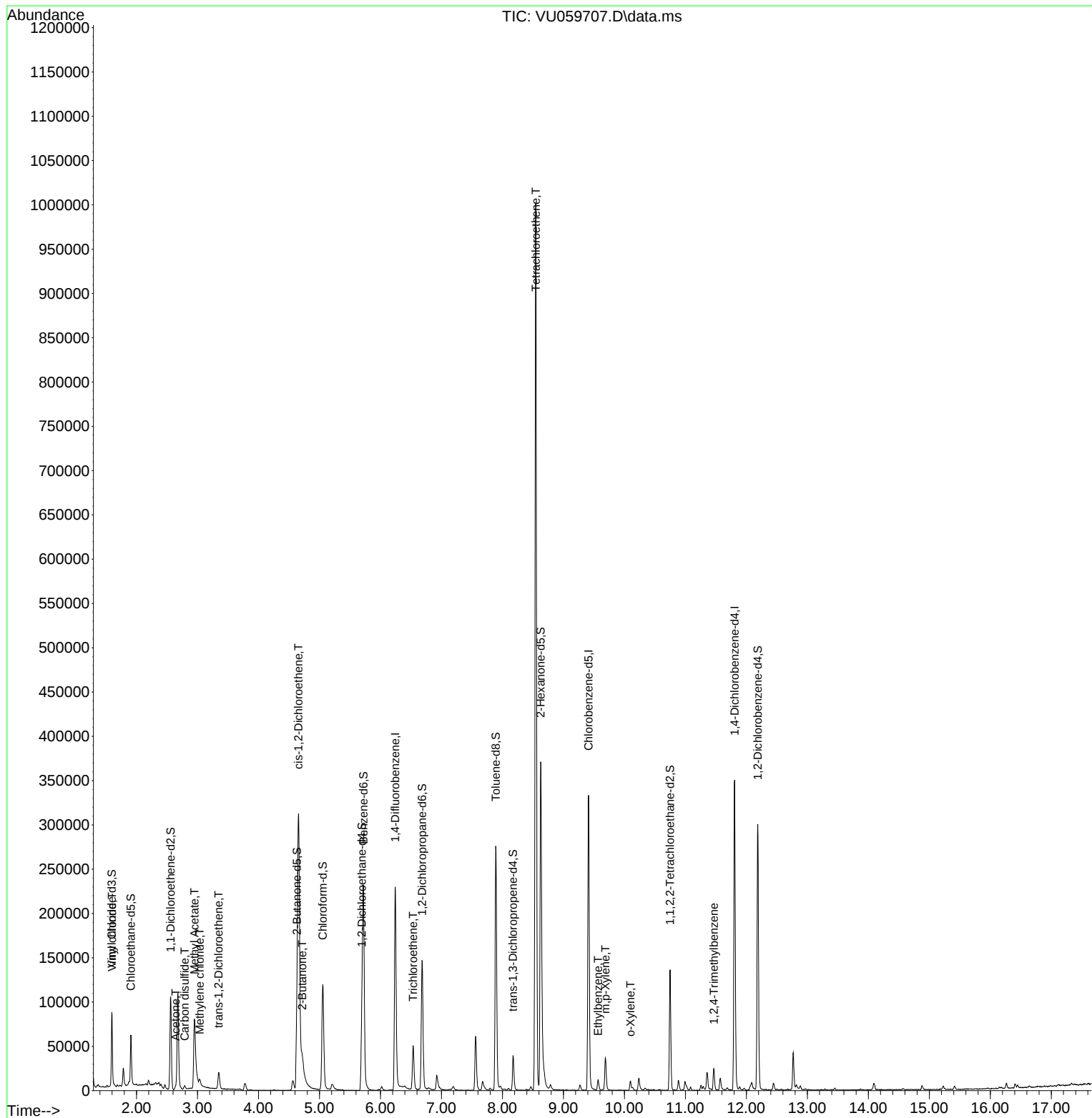
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	199164	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	198737	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100410	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39022	2.818	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	56.400%	
7) Chloroethane-d5	1.907	69	44570	3.345	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	66.800%	
11) 1,1-Dichloroethene-d2	2.560	65	18938	3.296	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.000%	
20) 2-Butanone-d5	4.631	46	167796	58.821	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.640%	
24) Chloroform-d	5.055	84	113545	3.994	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
26) 1,2-Dichloroethane-d4	5.695	65	59693	4.359	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
32) Benzene-d6	5.721	84	226807	4.147	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
36) 1,2-Dichloropropane-d6	6.682	67	74807	4.463	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	7.891	98	194445	3.824	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.400%	
43) trans-1,3-Dichloroprop...	8.174	79	22725	4.330	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.600%	
46) 2-Hexanone-d5	8.627	63	145666	66.801	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	133.600%#	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	69369	5.009	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	83628	4.679	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
5) Vinyl chloride	1.599	62	25126	1.252	ug/L	95
13) Acetone	2.644	43	8382	4.530	ug/L	71
14) Carbon disulfide	2.792	76	7096	0.151	ug/L	96
15) Methyl Acetate	2.949	43	131107	26.848	ug/L	95
16) Methylene chloride	3.036	84	2821	0.169	ug/L	82
18) trans-1,2-Dichloroethene	3.348	96	8218	0.559	ug/L	92
21) 2-Butanone	4.718	43	59718	20.120	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	153721	9.494	ug/L	94
34) Trichloroethene	6.537	95	16746	1.025	ug/L	91
47) Tetrachloroethene	8.547	164	234507	18.490	ug/L	93
52) Ethylbenzene	9.566	91	7817	0.119	ug/L	98
53) m,p-Xylene	9.688	106	11491	0.456	ug/L	97
54) o-Xylene	10.100	106	3019	0.126	ug/L	94
63) 1,2,4-Trimethylbenzene	11.467	105	9520	0.203	ug/L	100

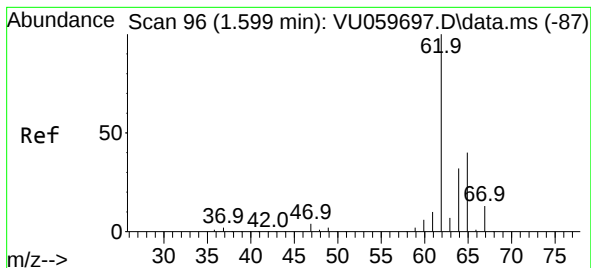
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.252 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU059707.D

Acq: 02 Jul 2024 00:28

Instrument :

MSVOA_U

ClientSampleId :

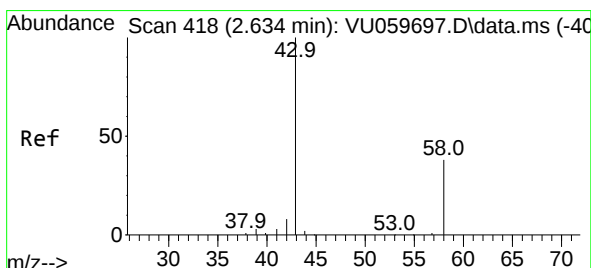
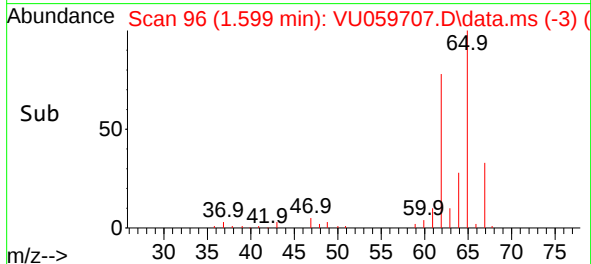
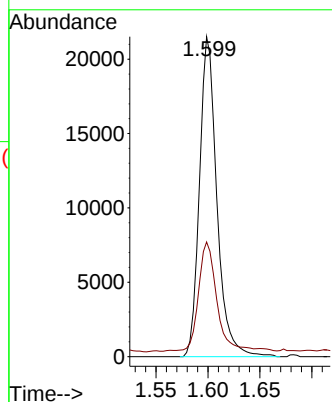
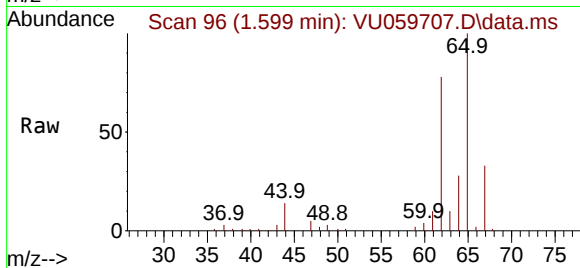
C0BJ2

Tgt Ion: 62 Resp: 25126

Ion Ratio Lower Upper

62 100

64 35.8 23.1 42.9



#13

Acetone

Concen: 4.530 ug/L

RT: 2.644 min Scan# 421

Delta R.T. 0.010 min

Lab File: VU059707.D

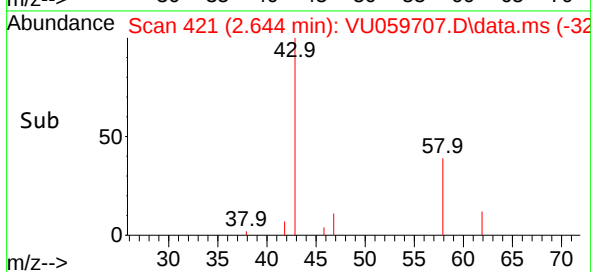
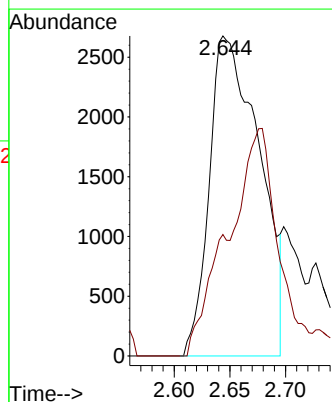
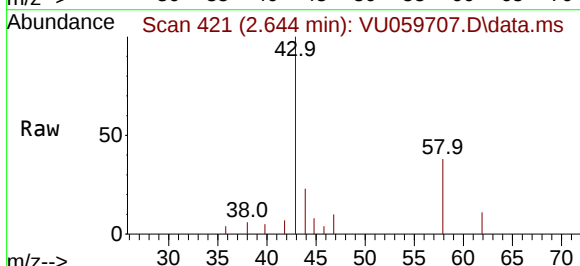
Acq: 02 Jul 2024 00:28

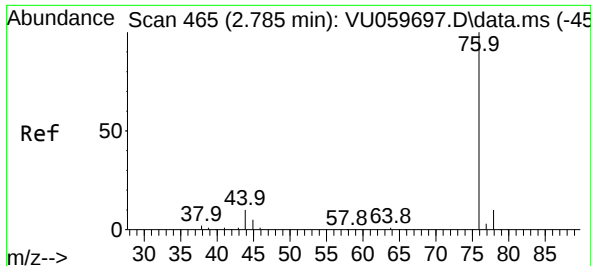
Tgt Ion: 43 Resp: 8382

Ion Ratio Lower Upper

43 100

58 17.7 0.0 68.0

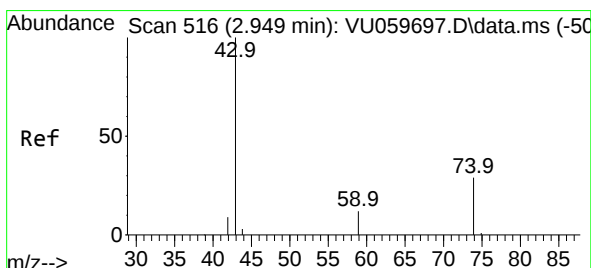
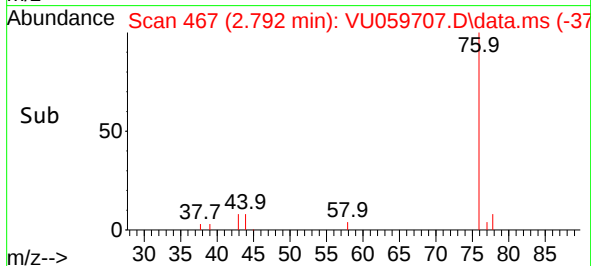
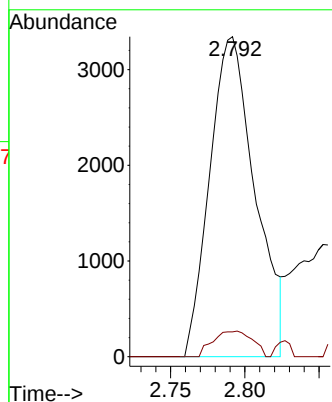
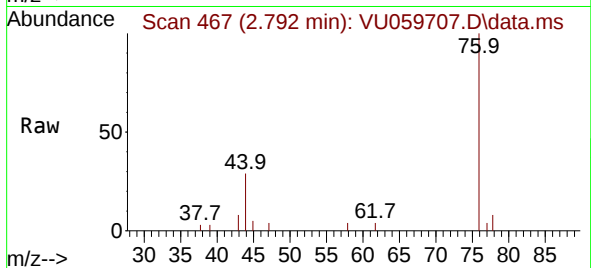




#14
Carbon disulfide
Concen: 0.151 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.007 min
Lab File: VU059707.D
Acq: 02 Jul 2024 00:28

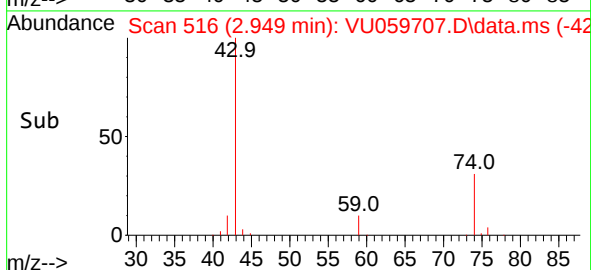
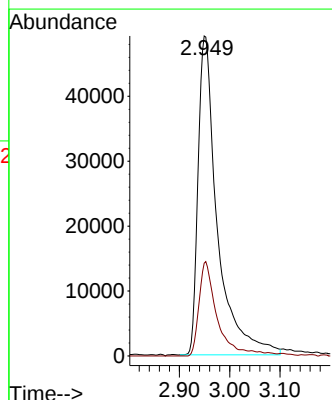
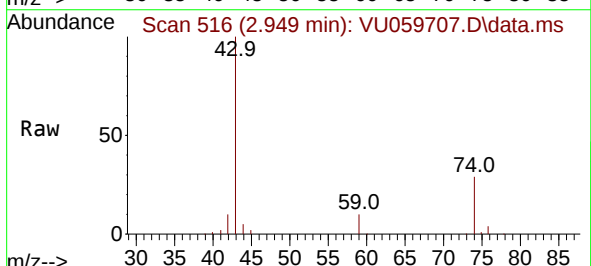
Instrument :
MSVOA_U
ClientSampleId :
C0BJ2

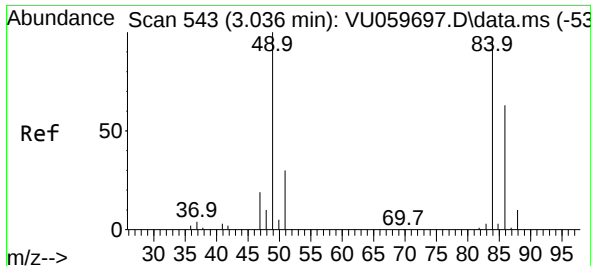
Tgt Ion: 76 Resp: 7096
Ion Ratio Lower Upper
76 100
78 7.8 7.3 10.9



#15
Methyl Acetate
Concen: 26.848 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU059707.D
Acq: 02 Jul 2024 00:28

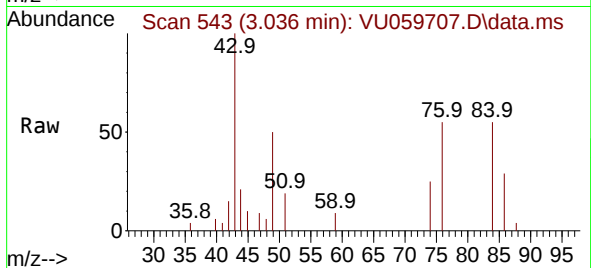
Tgt Ion: 43 Resp: 131107
Ion Ratio Lower Upper
43 100
74 26.6 19.2 28.8





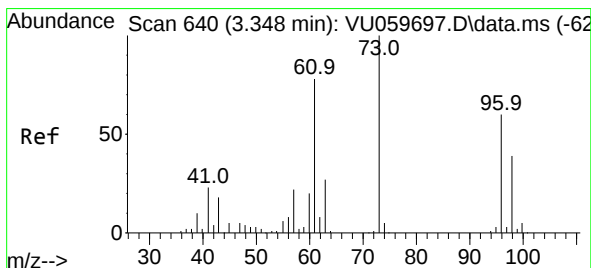
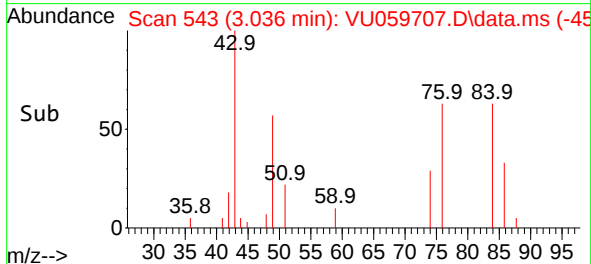
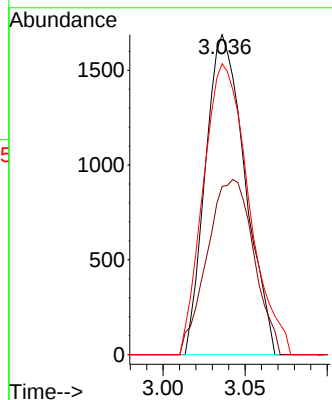
#16
Methylene chloride
Concen: 0.169 ug/L
RT: 3.036 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU059707.D
Acq: 02 Jul 2024 00:28

Instrument :
MSVOA_U
ClientSampleId :
C0BJ2



Tgt Ion: 84 Resp: 2821

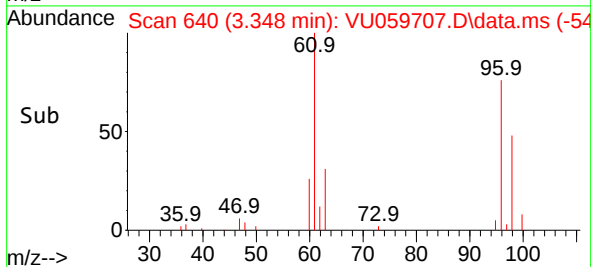
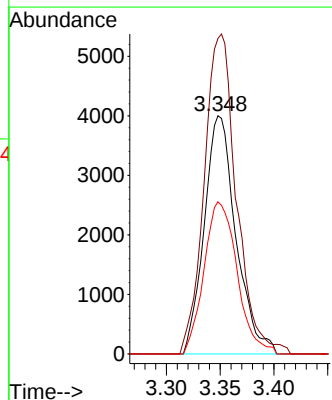
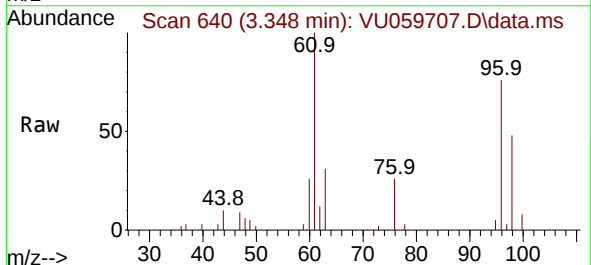
Ion	Ratio	Lower	Upper
84	100		
86	52.6	42.1	78.1
49	90.9	80.6	149.8

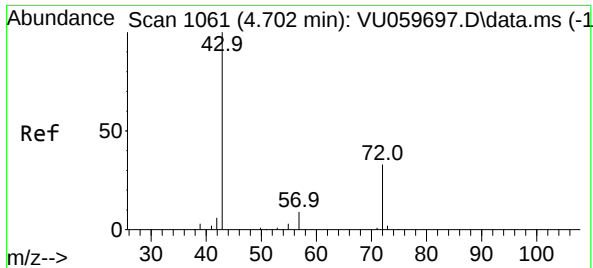


#18
trans-1,2-Dichloroethene
Concen: 0.559 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU059707.D
Acq: 02 Jul 2024 00:28

Tgt Ion: 96 Resp: 8218

Ion	Ratio	Lower	Upper
96	100		
61	132.4	101.8	189.0
98	63.9	43.3	80.5





#21

2-Butanone

Concen: 20.120 ug/L

RT: 4.718 min Scan# 1066

Delta R.T. 0.019 min

Lab File: VU059707.D

Acq: 02 Jul 2024 00:28

Instrument :

MSVOA_U

ClientSampleId :

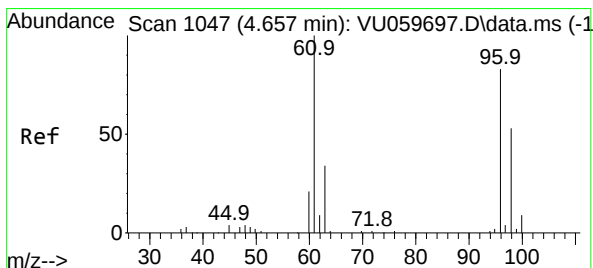
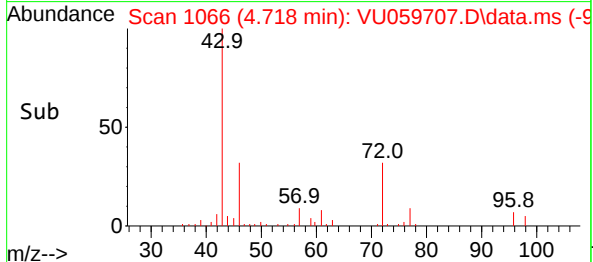
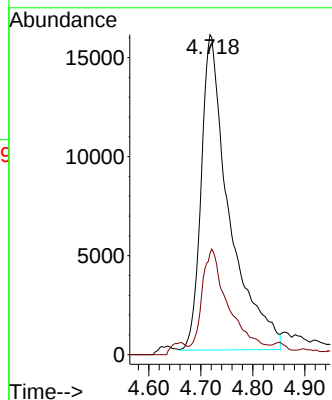
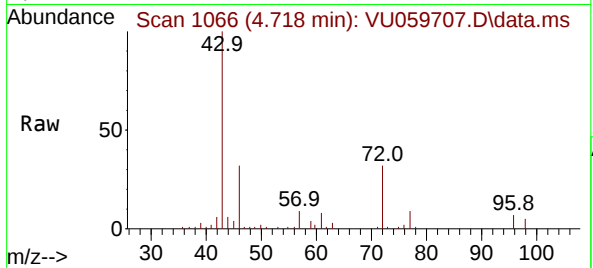
C0BJ2

Tgt Ion: 43 Resp: 59718

Ion Ratio Lower Upper

43 100

72 31.4 13.8 41.4



#22

cis-1,2-Dichloroethene

Concen: 9.494 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU059707.D

Acq: 02 Jul 2024 00:28

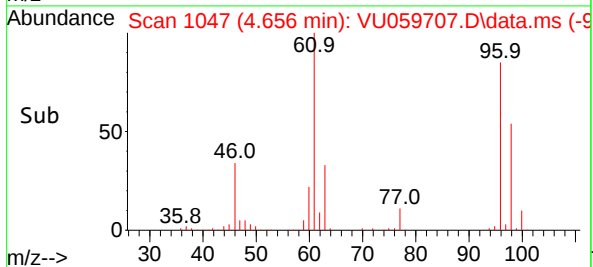
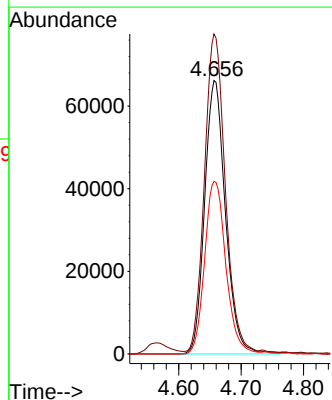
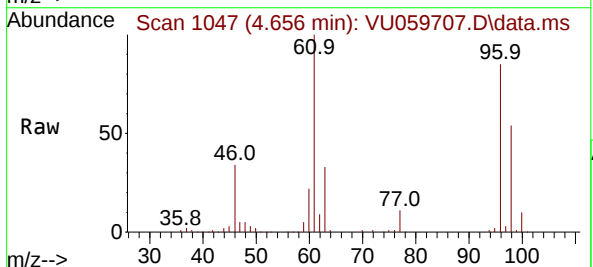
Tgt Ion: 96 Resp: 153721

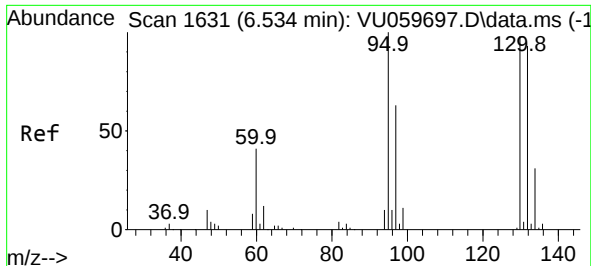
Ion Ratio Lower Upper

96 100

61 117.0 87.4 162.2

98 63.0 42.3 78.5

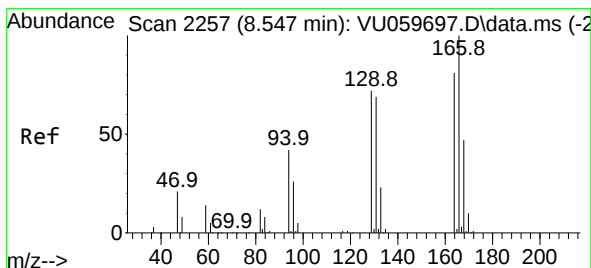
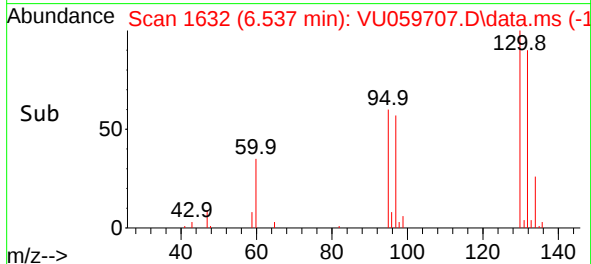
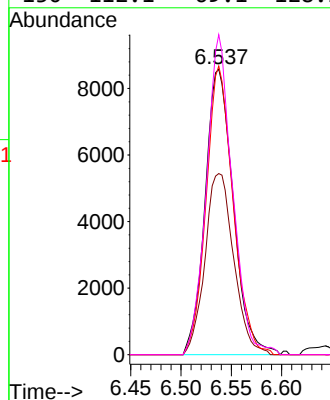
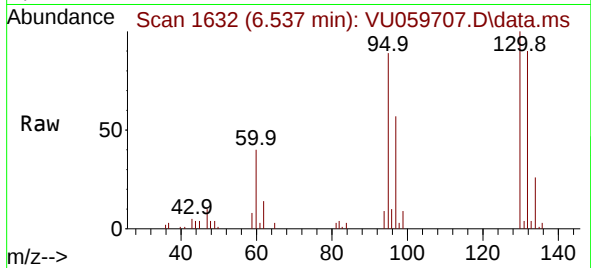




#34
Trichloroethene
Concen: 1.025 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059707.D
Acq: 02 Jul 2024 00:28

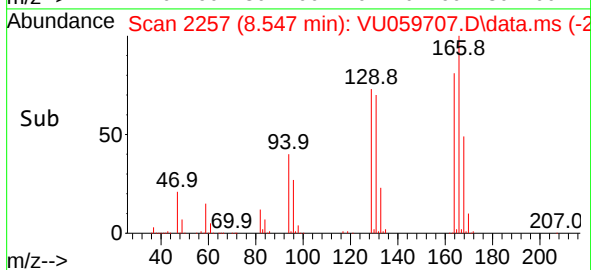
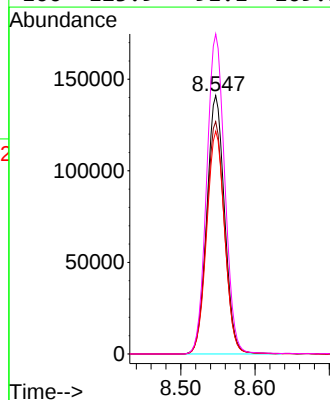
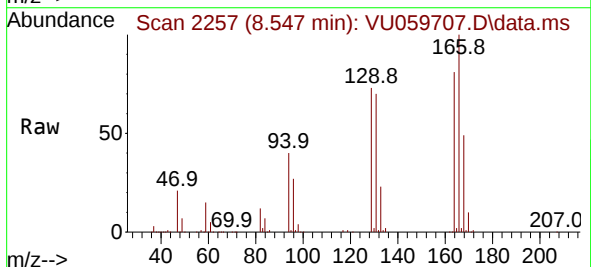
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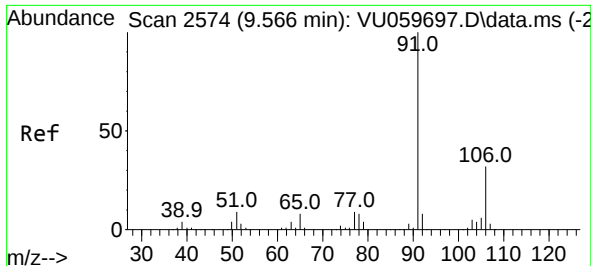
Tgt Ion: 95 Resp: 16746
Ion Ratio Lower Upper
95 100
97 63.4 45.3 84.1
132 101.1 64.0 119.0
130 112.1 69.1 128.3



#47
Tetrachloroethene
Concen: 18.490 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059707.D
Acq: 02 Jul 2024 00:28

Tgt Ion:164 Resp: 234507
Ion Ratio Lower Upper
164 100
129 89.9 70.8 131.4
131 86.2 64.8 120.3
166 123.9 91.1 169.1

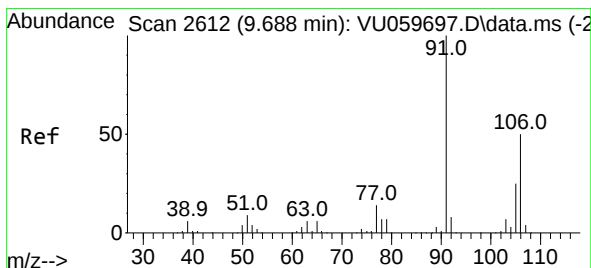
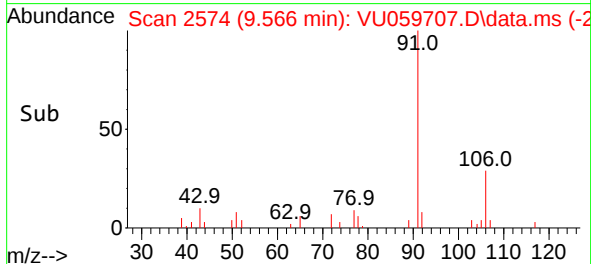
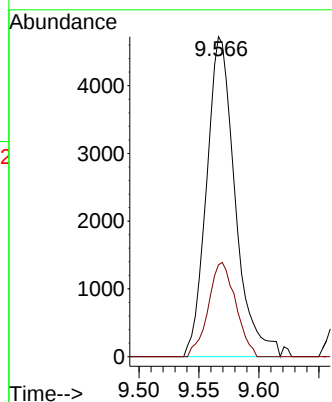
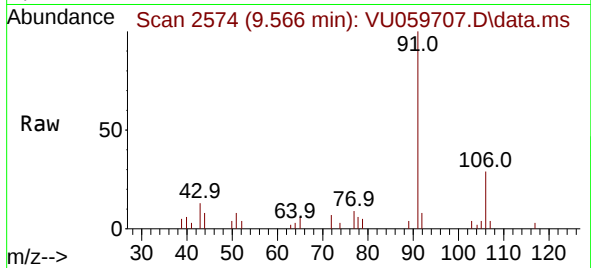




#52
Ethylbenzene
Concen: 0.119 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059707.D
Acq: 02 Jul 2024 00:28

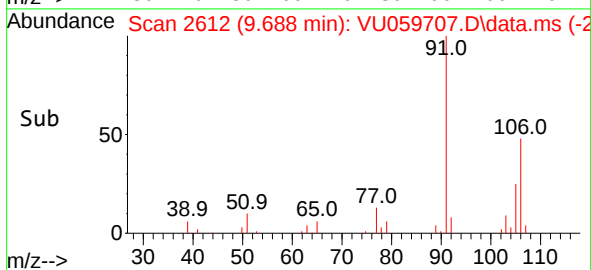
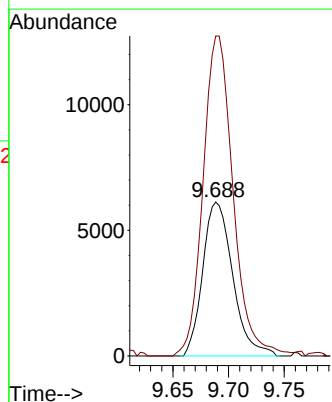
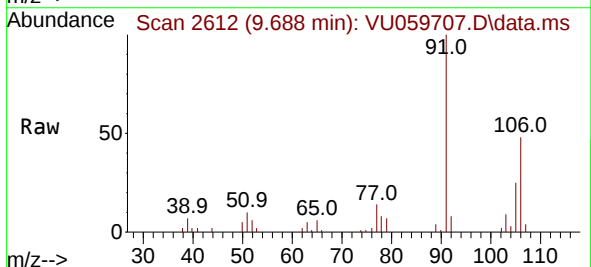
Instrument :
MSVOA_U
ClientSampleId :
C0BJ2

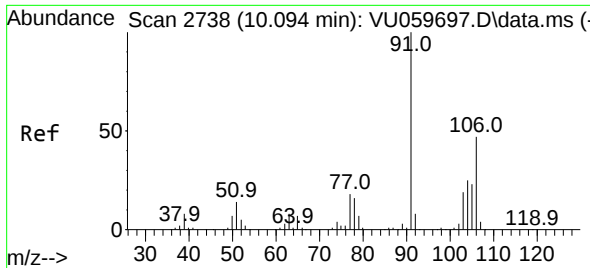
Tgt Ion: 91 Resp: 7817
Ion Ratio Lower Upper
91 100
106 28.7 20.9 38.7



#53
m,p-Xylene
Concen: 0.456 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059707.D
Acq: 02 Jul 2024 00:28

Tgt Ion: 106 Resp: 11491
Ion Ratio Lower Upper
106 100
91 207.9 142.0 263.8

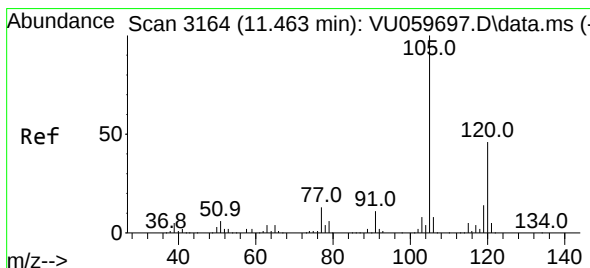
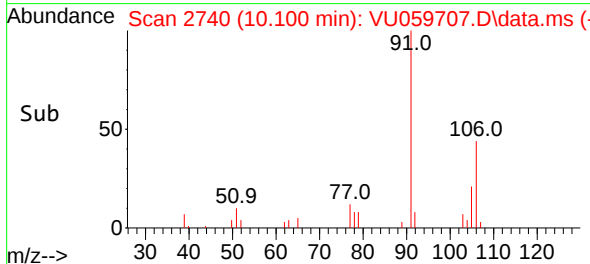
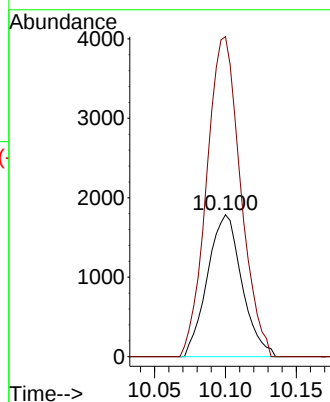
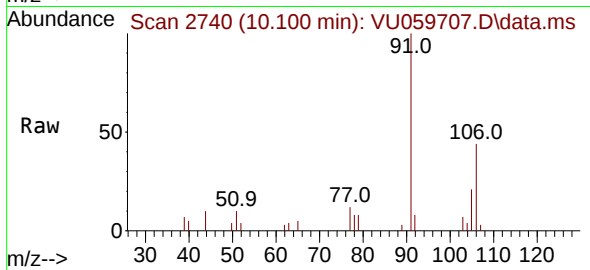




#54
o-Xylene
Concen: 0.126 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU059707.D
Acq: 02 Jul 2024 00:28

Instrument :
MSVOA_U
ClientSampleId :
C0BJ2

Tgt Ion:106 Resp: 3019
Ion Ratio Lower Upper
106 100
91 225.4 151.6 281.6



#63
1,2,4-Trimethylbenzene
Concen: 0.203 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU059707.D
Acq: 02 Jul 2024 00:28

Tgt Ion:105 Resp: 9520
Ion Ratio Lower Upper
105 100
120 44.0 35.4 53.0

