

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059712.D
 Acq On : 02 Jul 2024 02:28
 Operator : MD/SY
 Sample : P3121-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 03:56:37 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)

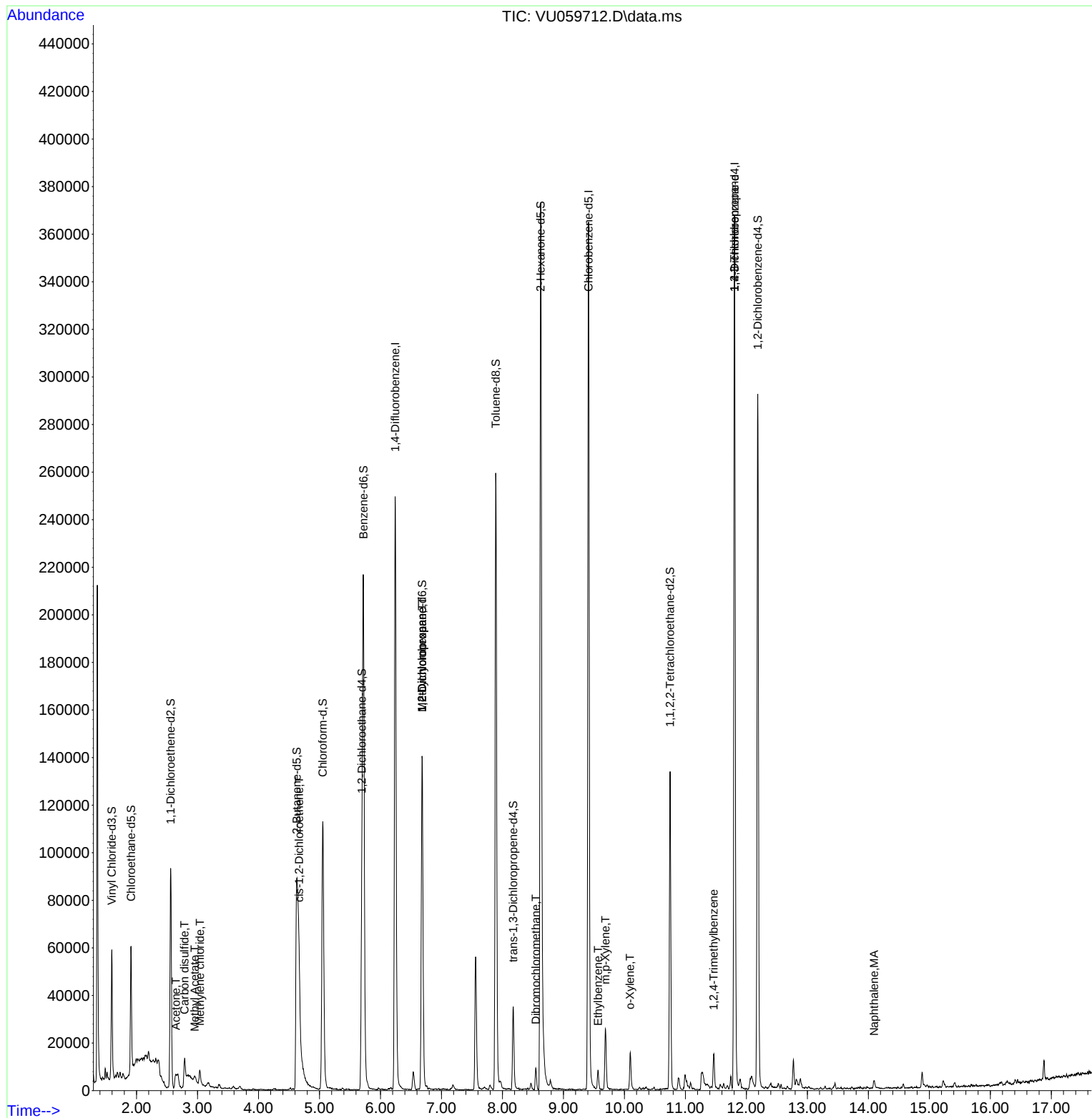
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	216536	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	215536	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106906	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34210	2.272	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	45.400%
7) Chloroethane-d5	1.911	69	40217	2.776	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	55.600%#
11) 1,1-Dichloroethene-d2	2.560	65	17330	2.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.400%#
20) 2-Butanone-d5	4.627	46	167585	54.034	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.060%
24) Chloroform-d	5.055	84	109090	3.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.600%
26) 1,2-Dichloroethane-d4	5.695	65	55748	3.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
32) Benzene-d6	5.721	84	211322	3.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	6.682	67	69724	3.836	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.891	98	183128	3.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	8.177	79	20589	3.617	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.627	63	141373	59.779	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.560%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	67465	4.492	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	81425	4.279	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						Qvalue
13) Acetone	2.647	43	13326	6.624	ug/L	100
14) Carbon disulfide	2.788	76	15756	0.308	ug/L	99
15) Methyl Acetate	2.955	43	3708	0.698	ug/L #	86
16) Methylene chloride	3.039	84	2972	0.163	ug/L	83
22) cis-1,2-Dichloroethene	4.666	96	18980	1.078	ug/L	86
35) Methylcyclohexane	6.682	83	16486	0.654	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	7470	0.441	ug/L #	90
49) Dibromochloromethane	8.550	129	2040	0.148	ug/L #	12
52) Ethylbenzene	9.569	91	6375	0.090	ug/L	96
53) m,p-Xylene	9.688	106	8495	0.311	ug/L	84
54) o-Xylene	10.093	106	4690	0.181	ug/L	80
61) 1,2,3-Trichloropropane	11.804	75	11748	1.189	ug/L #	70
63) 1,2,4-Trimethylbenzene	11.463	105	8419	0.168	ug/L	99
71) Naphthalene	14.093	128	4230	0.155	ug/L #	93

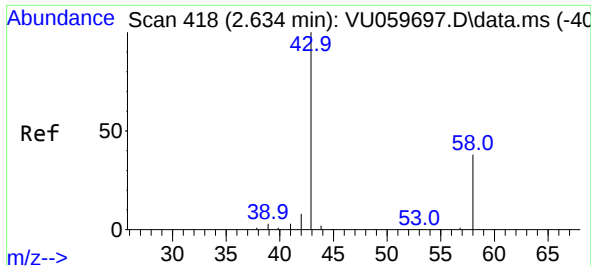
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.624 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU059712.D

Acq: 02 Jul 2024 02:28

Instrument :

MSVOA_U

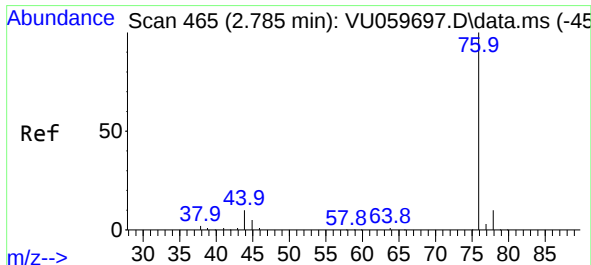
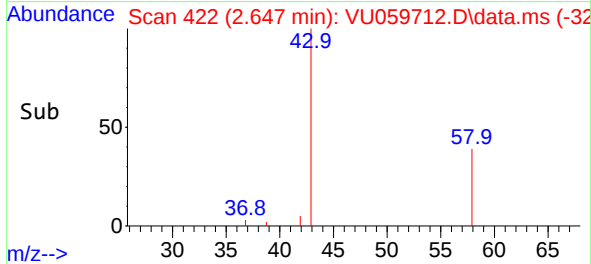
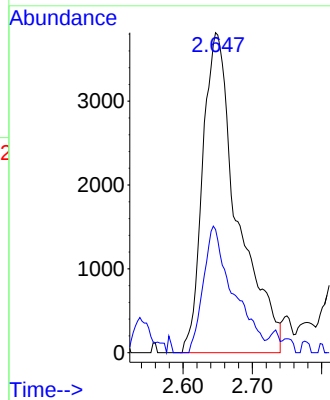
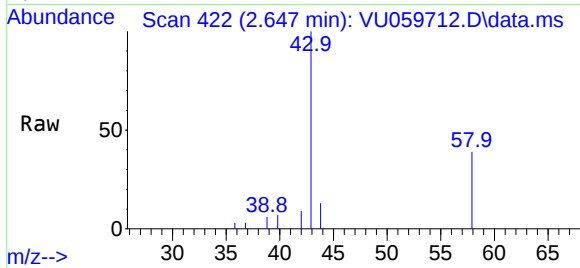
ClientSampleId :

Tgt Ion: 43 Resp: 13326

Ion Ratio Lower Upper

43 100

58 34.0 0.0 68.0



#14

Carbon disulfide

Concen: 0.308 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059712.D

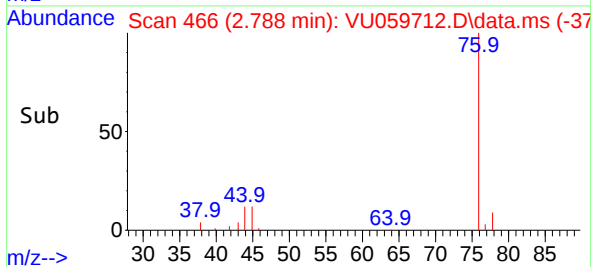
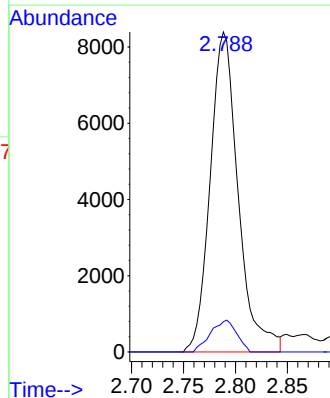
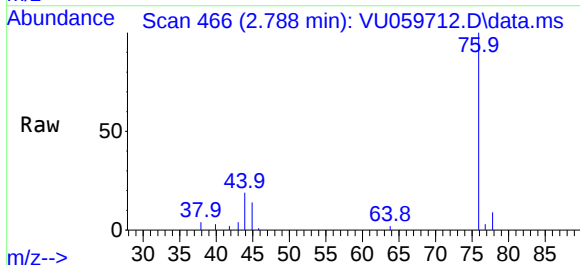
Acq: 02 Jul 2024 02:28

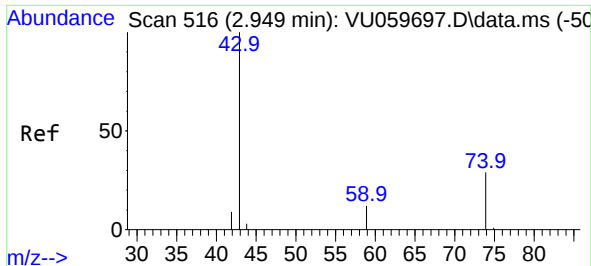
Tgt Ion: 76 Resp: 15756

Ion Ratio Lower Upper

76 100

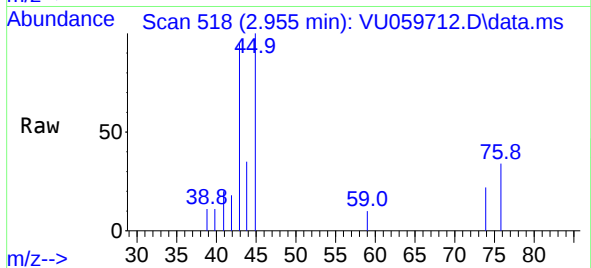
78 9.5 7.3 10.9



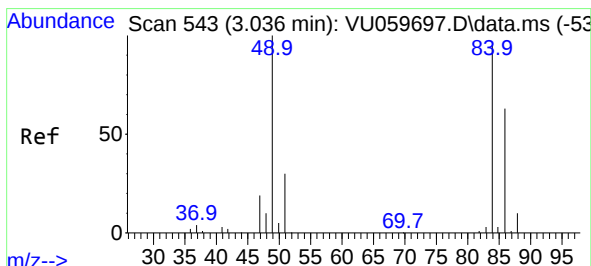
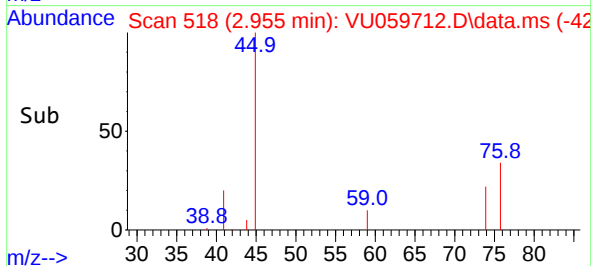
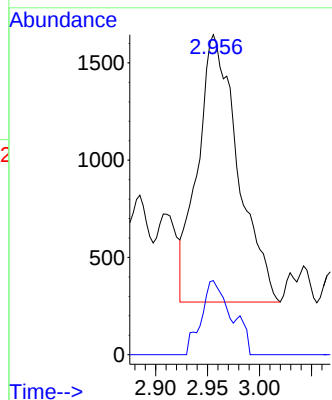


#15
Methyl Acetate
Concen: 0.698 ug/L
RT: 2.955 min Scan# 516
Delta R.T. 0.006 min
Lab File: VU059712.D
Acq: 02 Jul 2024 02:28

Instrument :
MSVOA_U
ClientSampleId :

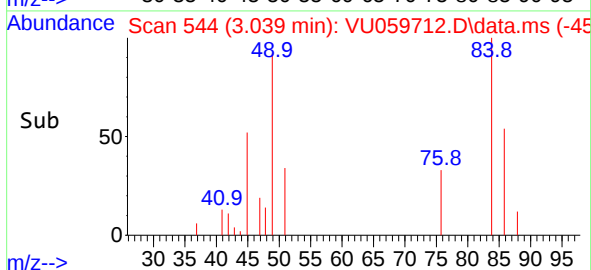
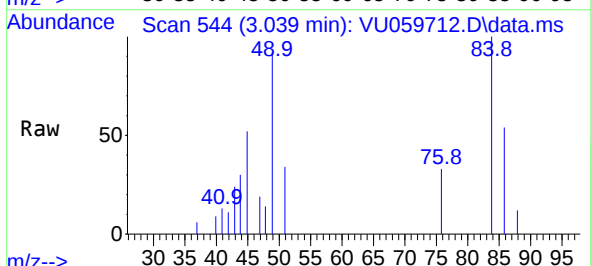
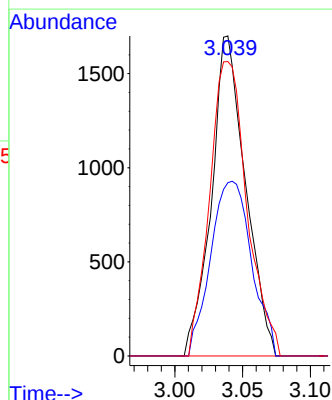


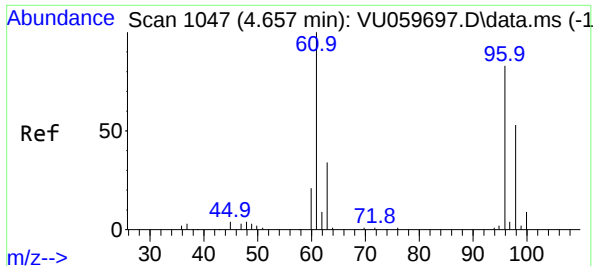
Tgt Ion: 43 Resp: 3708
Ion Ratio Lower Upper
43 100
74 17.3 19.2 28.8#



#16
Methylene chloride
Concen: 0.163 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059712.D
Acq: 02 Jul 2024 02:28

Tgt Ion: 84 Resp: 2972
Ion Ratio Lower Upper
84 100
86 54.2 42.1 78.1
49 92.0 80.6 149.8





#22

cis-1,2-Dichloroethene

Concen: 1.078 ug/L

RT: 4.666 min Scan# 10

Delta R.T. 0.006 min

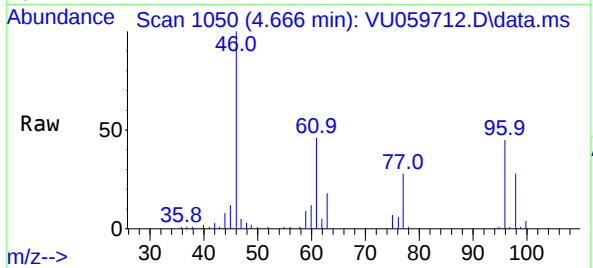
Lab File: VU059712.D

Acq: 02 Jul 2024 02:28

Instrument :

MSVOA_U

ClientSampleId :



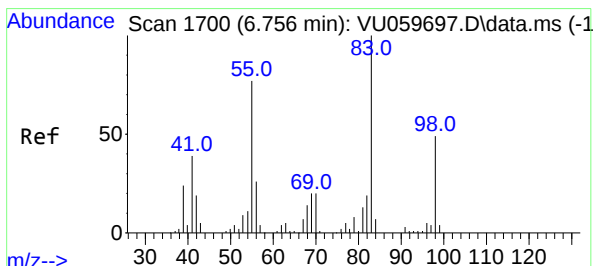
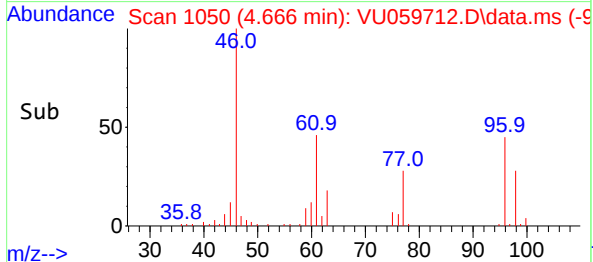
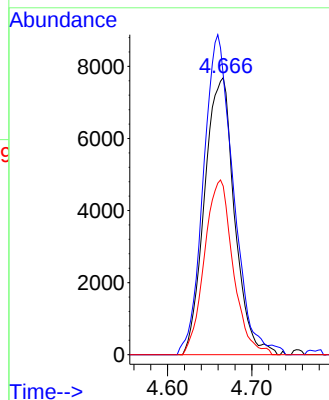
Tgt Ion: 96 Resp: 18980

Ion Ratio Lower Upper

96 100

61 100.9 87.4 162.2

98 60.8 42.3 78.5



#35

Methylcyclohexane

Concen: 0.654 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU059712.D

Acq: 02 Jul 2024 02:28

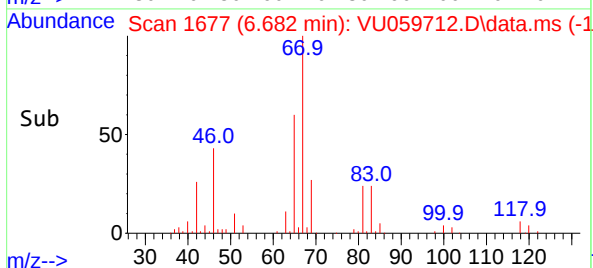
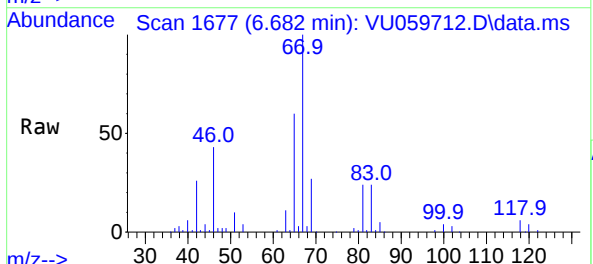
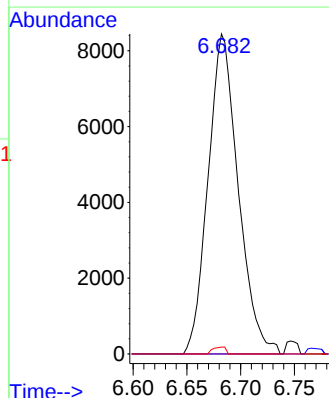
Tgt Ion: 83 Resp: 16486

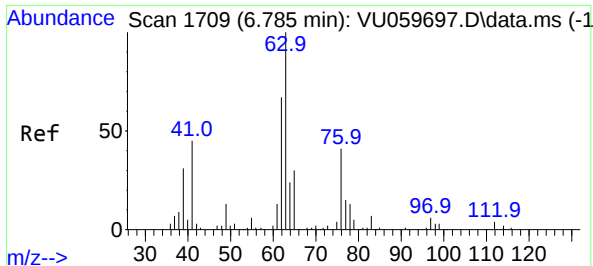
Ion Ratio Lower Upper

83 100

55 0.8 62.7 94.1#

98 0.9 35.4 53.0#

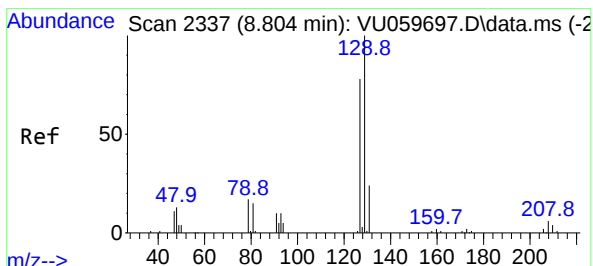
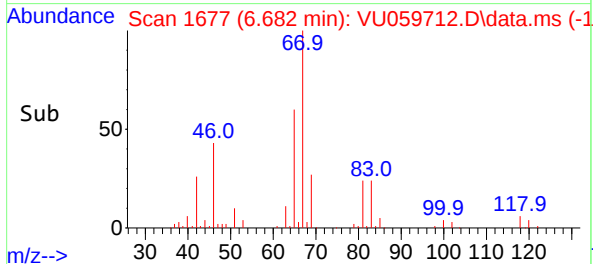
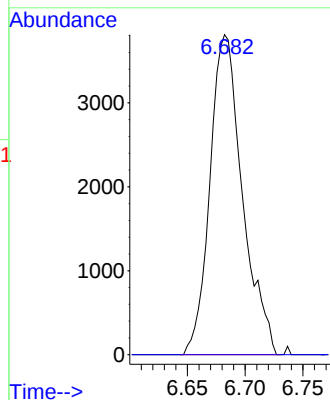
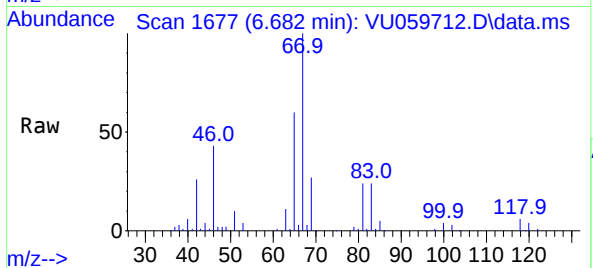




#37
1,2-Dichloropropane
Concen: 0.441 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059712.D
Acq: 02 Jul 2024 02:28

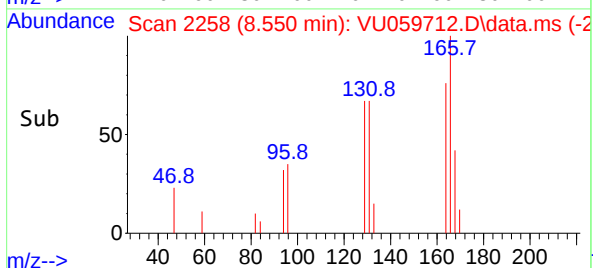
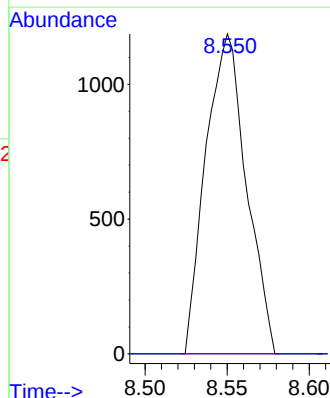
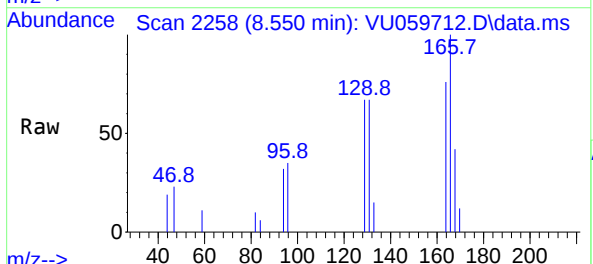
Instrument :
MSVOA_U
ClientSampleId :

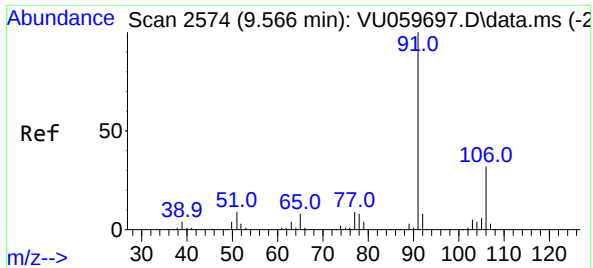
Tgt Ion: 63 Resp: 7470
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#49
Dibromochloromethane
Concen: 0.148 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.251 min
Lab File: VU059712.D
Acq: 02 Jul 2024 02:28

Tgt Ion:129 Resp: 2040
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#





#52

Ethylbenzene

Concen: 0.090 ug/L

RT: 9.569 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU059712.D

Acq: 02 Jul 2024 02:28

Instrument :

MSVOA_U

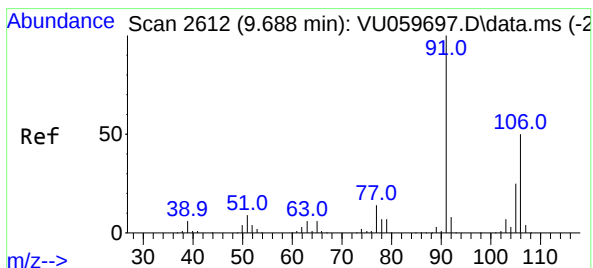
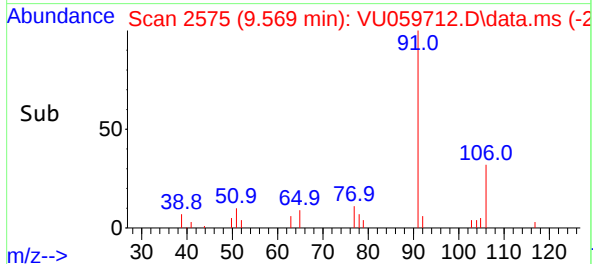
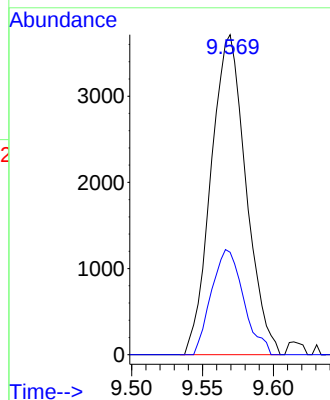
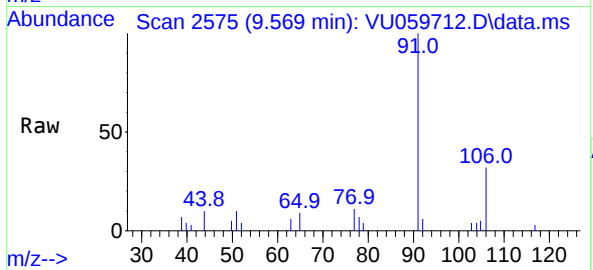
ClientSampleId :

Tgt Ion: 91 Resp: 6375

Ion Ratio Lower Upper

91 100

106 32.0 20.9 38.7



#53

m,p-Xylene

Concen: 0.311 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU059712.D

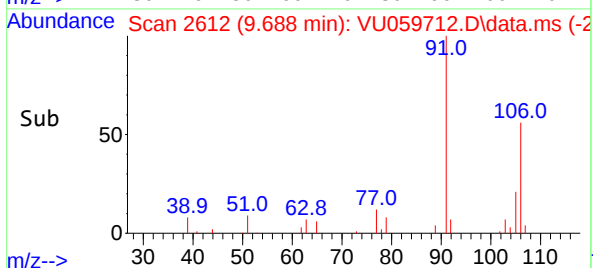
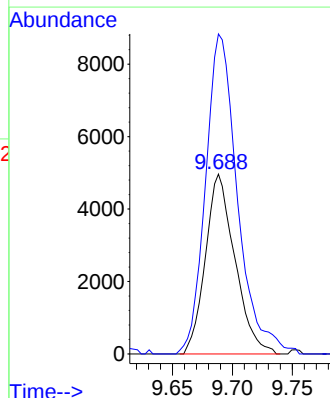
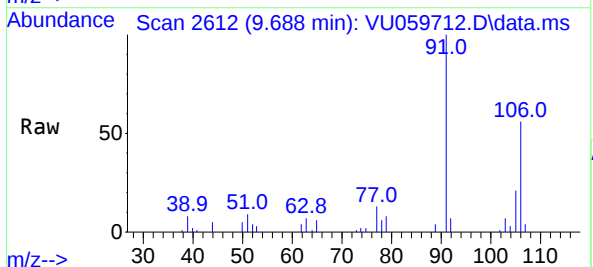
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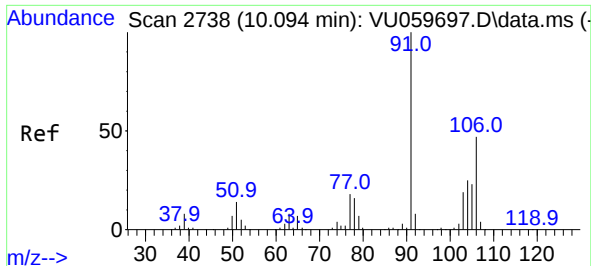
Tgt Ion: 106 Resp: 8495

Ion Ratio Lower Upper

106 100

91 177.9 142.0 263.8

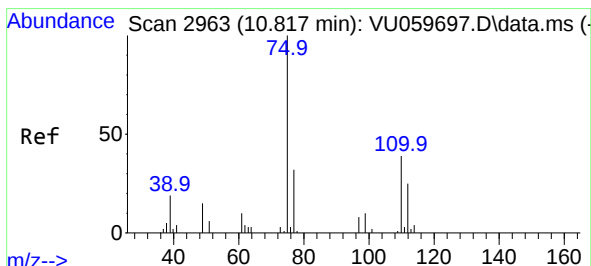
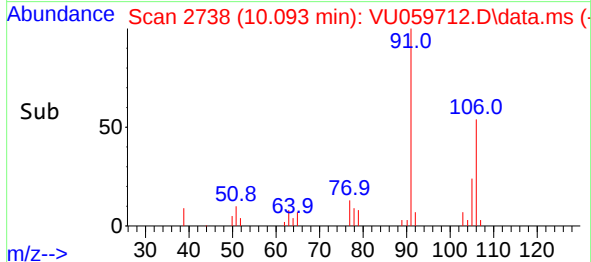
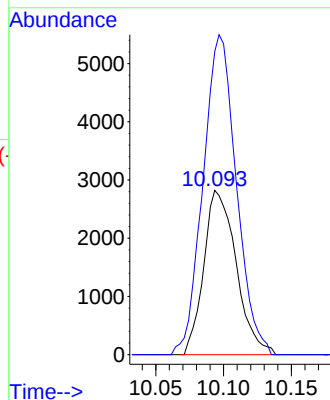
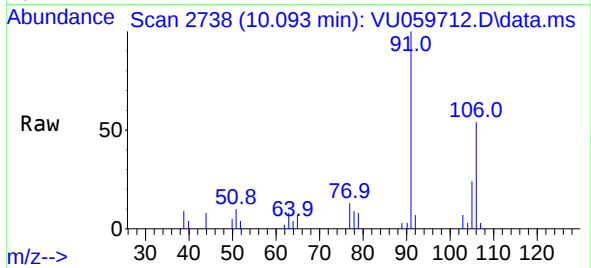




#54
o-Xylene
Concen: 0.181 ug/L
RT: 10.093 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059712.D
Acq: 02 Jul 2024 02:28

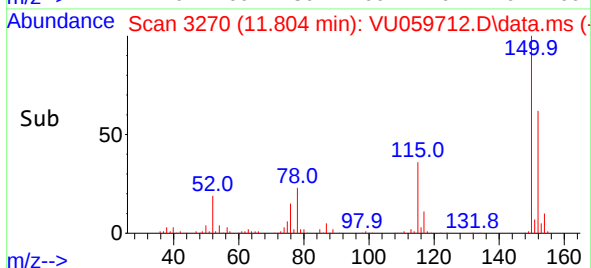
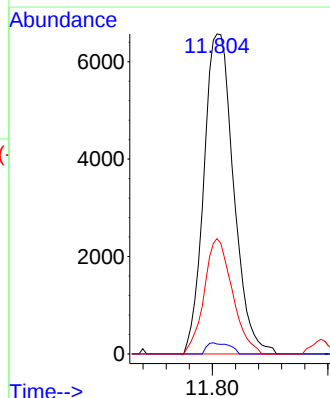
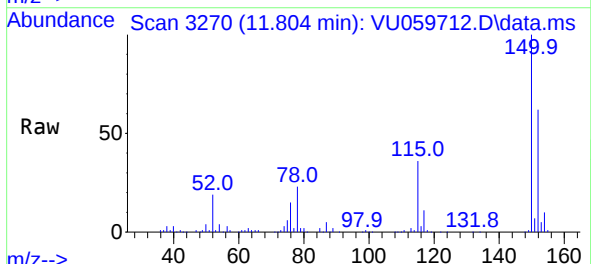
Instrument :
MSVOA_U
ClientSampleId :

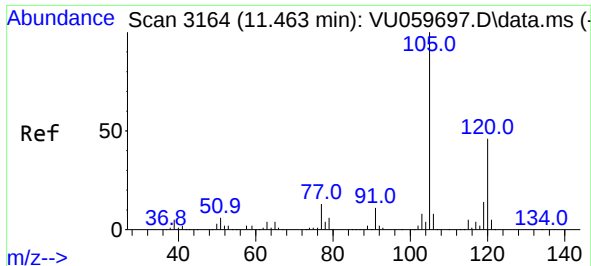
Tgt Ion:106 Resp: 4690
Ion Ratio Lower Upper
106 100
91 184.6 151.6 281.6



#61
1,2,3-Trichloropropane
Concen: 1.189 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU059712.D
Acq: 02 Jul 2024 02:28

Tgt Ion: 75 Resp: 11748
Ion Ratio Lower Upper
75 100
110 2.7 27.1 40.7#
77 34.2 25.4 38.2

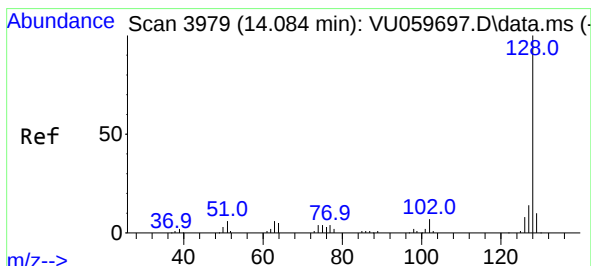
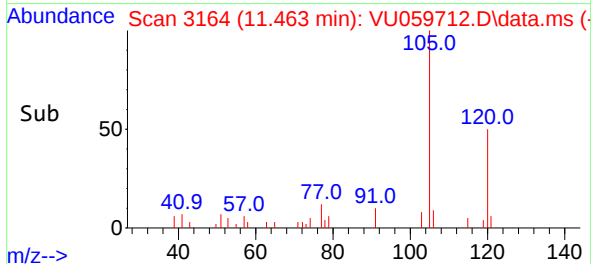
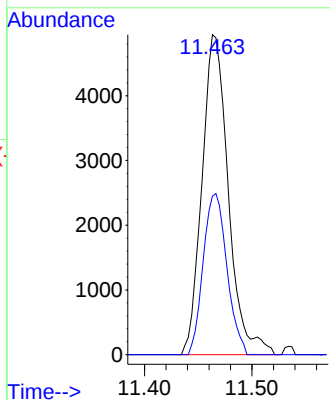
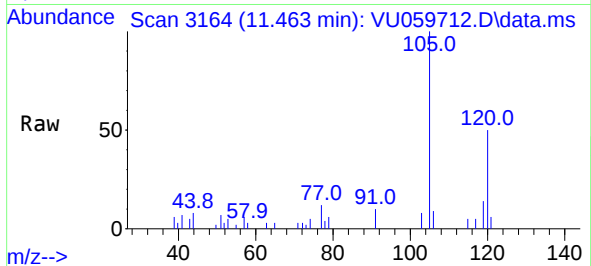




#63
1,2,4-Trimethylbenzene
Concen: 0.168 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059712.D
Acq: 02 Jul 2024 02:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 8419
Ion Ratio Lower Upper
105 100
120 45.1 35.4 53.0



#71
Naphthalene
Concen: 0.155 ug/L
RT: 14.093 min Scan# 3982
Delta R.T. 0.010 min
Lab File: VU059712.D
Acq: 02 Jul 2024 02:28

Tgt Ion:128 Resp: 4230
Ion Ratio Lower Upper
128 100
129 11.4 8.2 12.4
127 9.0 10.2 15.4#

