

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
 Data File : VU059979.D
 Acq On : 16 Jul 2024 17:09
 Operator : MD/SY
 Sample : P3217-03DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 17 02:32:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 17 02:25:31 2024
 Response via : Initial Calibration

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

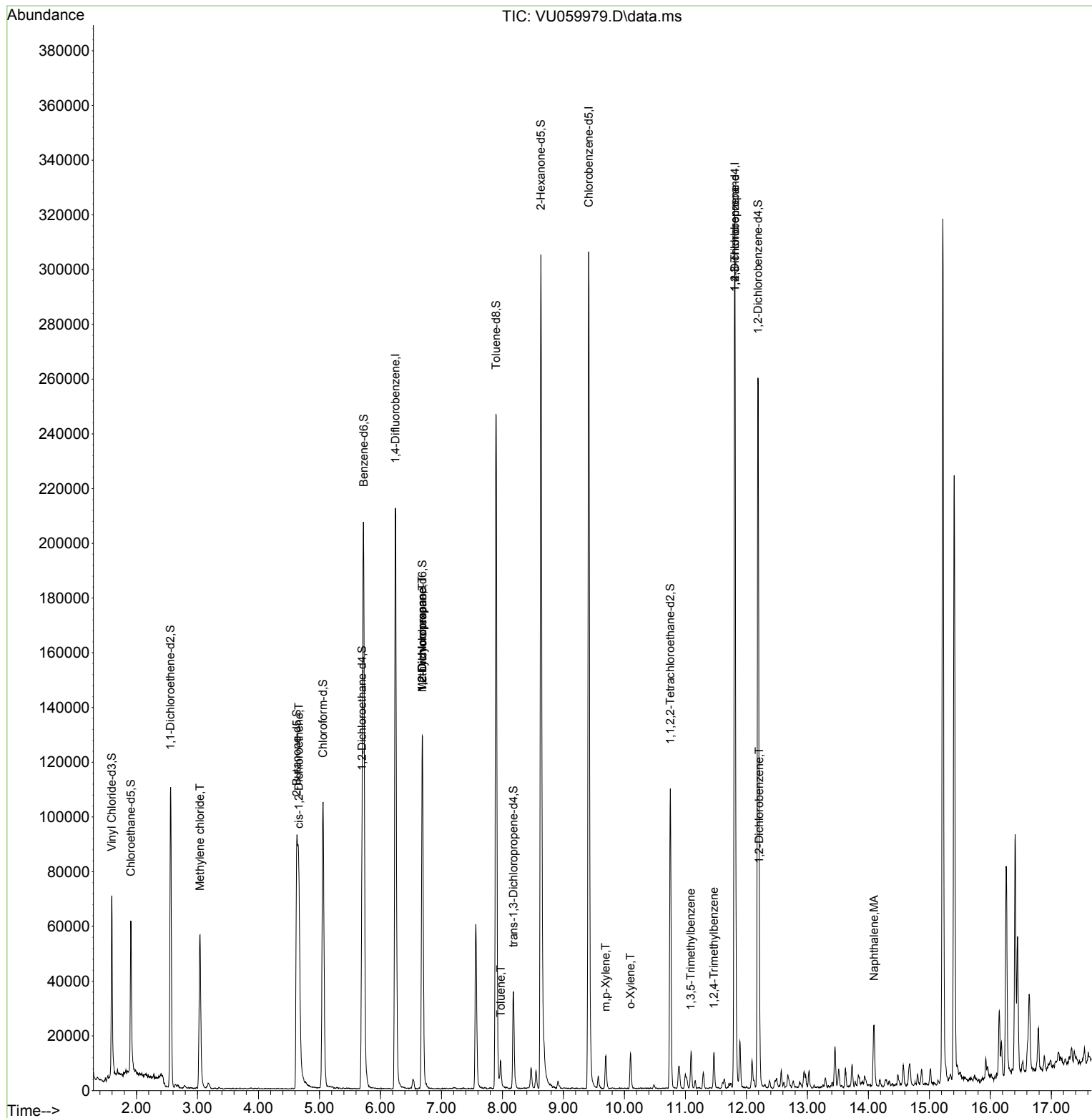
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	186226	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	184595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	92320	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	50147	3.873	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.907	69	45742	3.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.557	65	21297	3.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.628	46	139488	52.294	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.580%
24) Chloroform-d	5.058	84	99175	3.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
26) 1,2-Dichloroethane-d4	5.698	65	51677	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
32) Benzene-d6	5.724	84	200012	3.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.689	67	64669	4.154	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.894	98	173743	3.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.180	79	22370	4.589	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.631	63	108710	53.672	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.340%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55607	4.323	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	72579	4.417	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	31300	2.000	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	30391	2.007	ug/L	91
35) Methylcyclohexane	6.689	83	15295	0.708	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	6824	0.470	ug/L #	90
42) Toluene	7.971	91	7301	0.123	ug/L	92
53) m,p-Xylene	9.695	106	3777	0.162	ug/L	85
54) o-Xylene	10.100	106	3560	0.160	ug/L	95
61) 1,2,3-Trichloropropane	11.810	75	10816	1.268	ug/L #	69
62) 1,3,5-Trimethylbenzene	11.090	105	3679	0.081	ug/L	91
63) 1,2,4-Trimethylbenzene	11.466	105	7817	0.181	ug/L	99
67) 1,2-Dichlorobenzene	12.212	146	9920	0.363	ug/L	96
71) Naphthalene	14.093	128	22453	0.952	ug/L	98

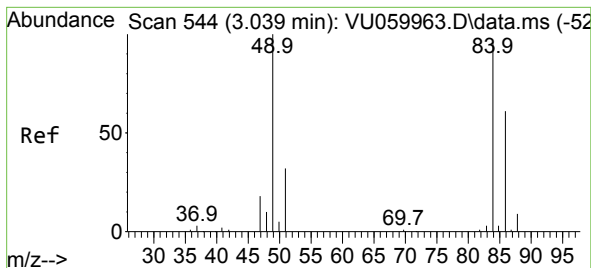
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.000 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

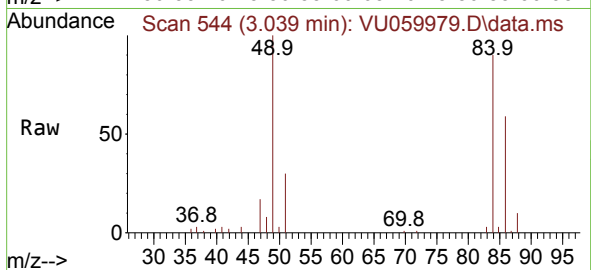
Lab File: VU059979.D

Acq: 16 Jul 2024 17:09

Instrument :

MSVOA_U

ClientSampleId :



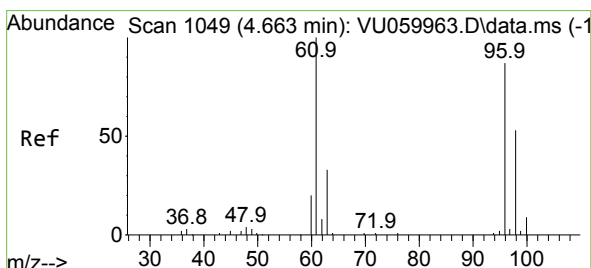
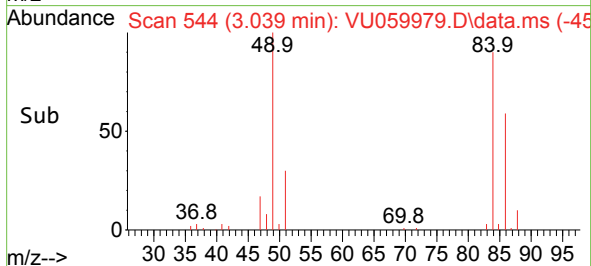
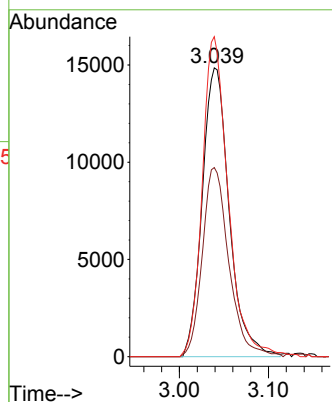
Tgt Ion: 84 Resp: 31300

Ion Ratio Lower Upper

84 100

86 65.5 42.1 78.1

49 110.8 80.6 149.8



#22

cis-1,2-Dichloroethene

Concen: 2.007 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU059979.D

Acq: 16 Jul 2024 17:09

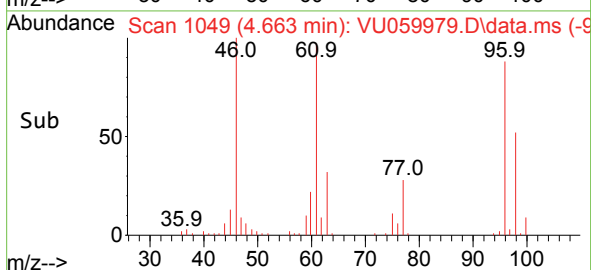
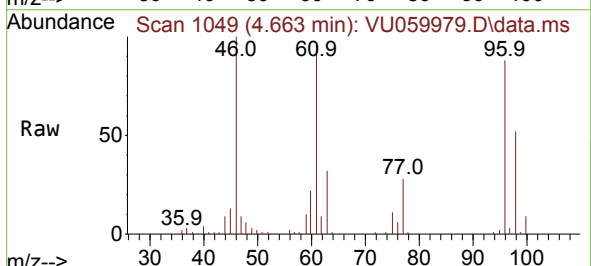
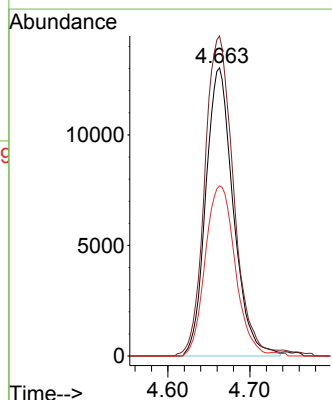
Tgt Ion: 96 Resp: 30391

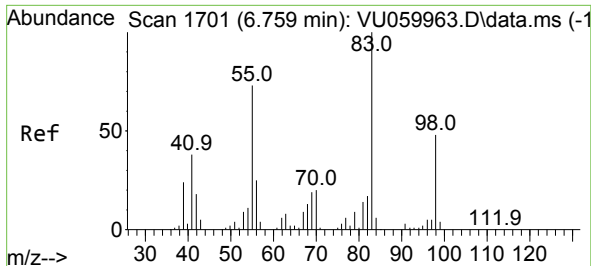
Ion Ratio Lower Upper

96 100

61 111.0 87.4 162.2

98 59.0 42.3 78.5

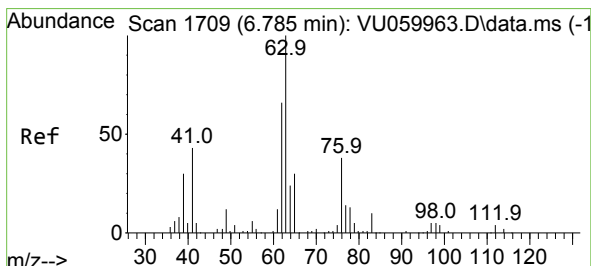
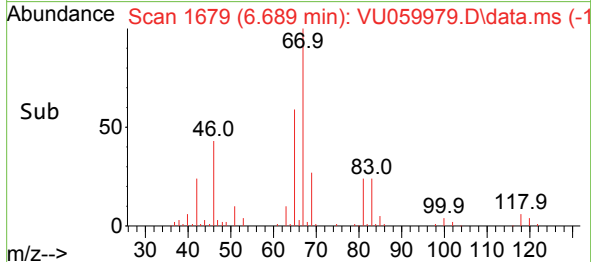
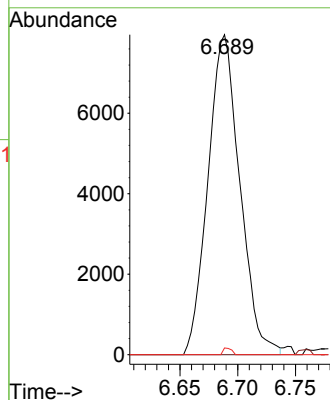
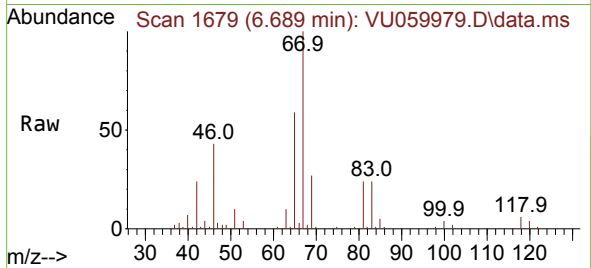




#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU059979.D
Acq: 16 Jul 2024 17:09

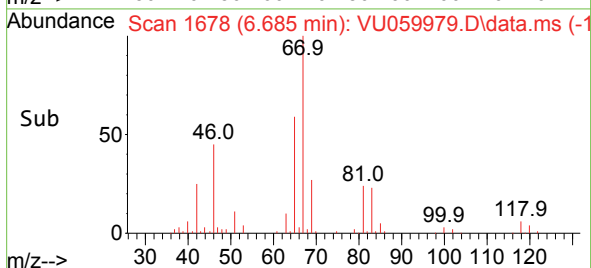
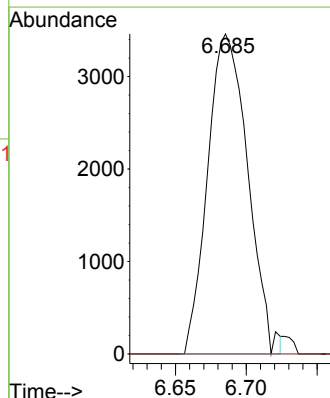
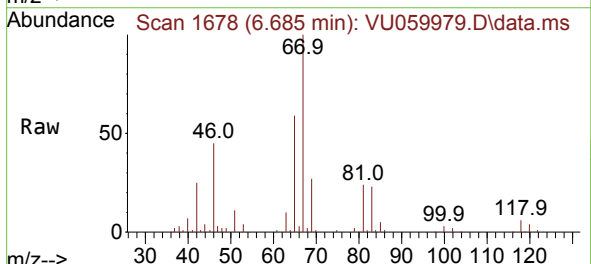
Instrument :
MSVOA_U
ClientSampleId :

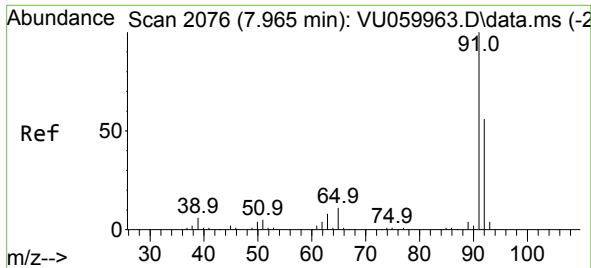
Tgt Ion: 83 Resp: 15295
Ion Ratio Lower Upper
83 100
55 0.6 62.7 94.1#
98 0.6 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 0.470 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU059979.D
Acq: 16 Jul 2024 17:09

Tgt Ion: 63 Resp: 6824
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#42

Toluene

Concen: 0.123 ug/L

RT: 7.971 min Scan# 2076

Delta R.T. 0.006 min

Lab File: VU059979.D

Acq: 16 Jul 2024 17:09

Instrument :

MSVOA_U

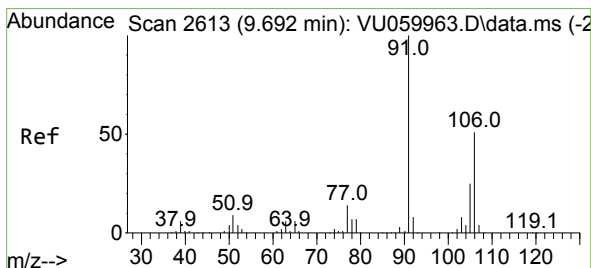
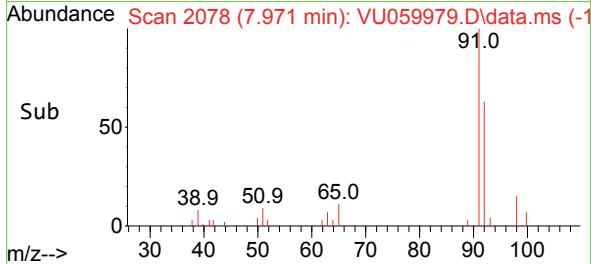
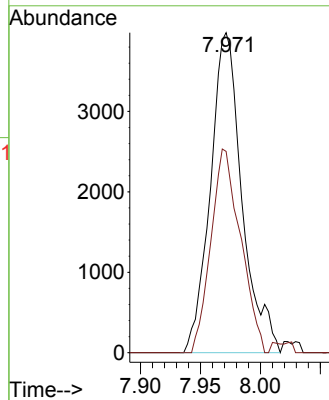
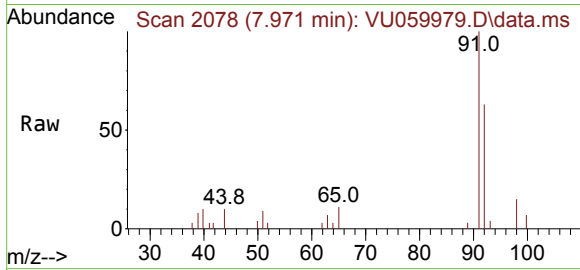
ClientSampleId :

Tgt Ion: 91 Resp: 7301

Ion Ratio Lower Upper

91 100

92 62.9 39.7 73.7



#53

m,p-Xylene

Concen: 0.162 ug/L

RT: 9.695 min Scan# 2614

Delta R.T. 0.003 min

Lab File: VU059979.D

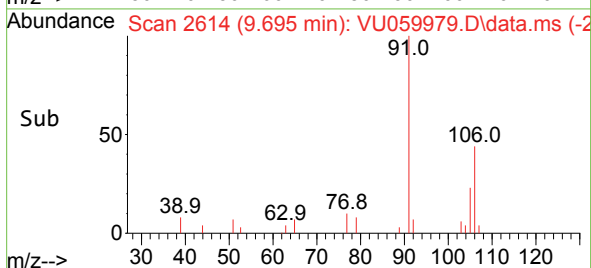
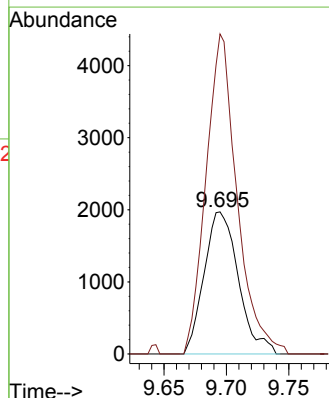
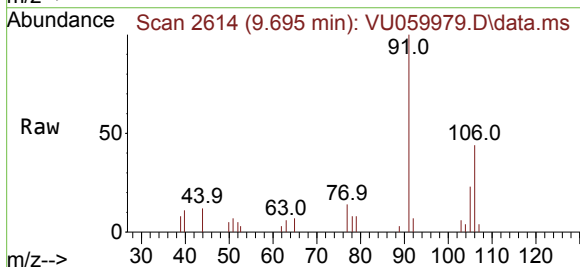
Acq: 16 Jul 2024 17:09

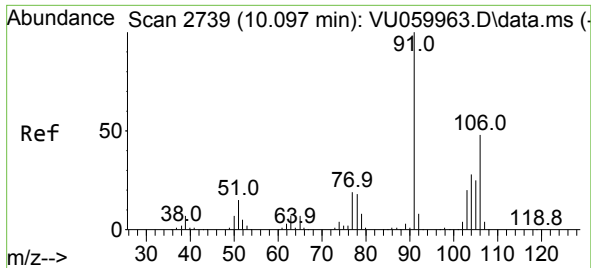
Tgt Ion: 106 Resp: 3777

Ion Ratio Lower Upper

106 100

91 225.1 142.0 263.8

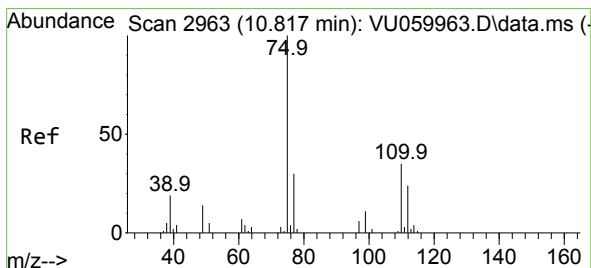
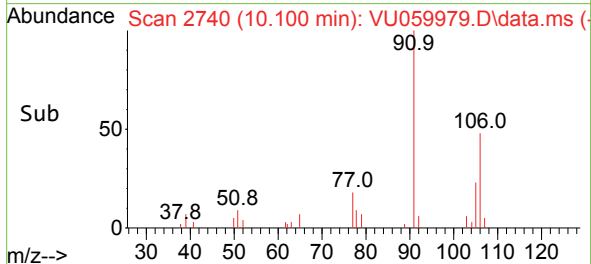
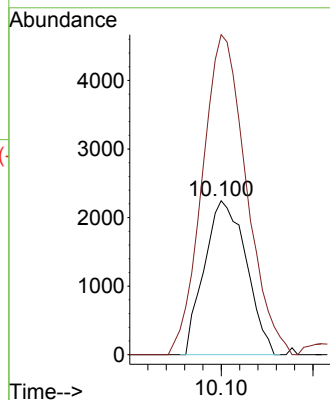
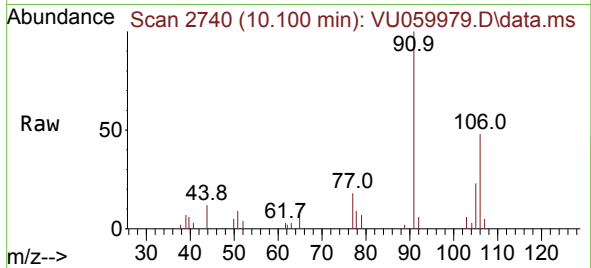




#54
o-Xylene
Concen: 0.160 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059979.D
Acq: 16 Jul 2024 17:09

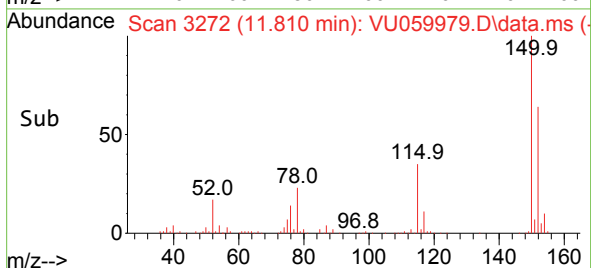
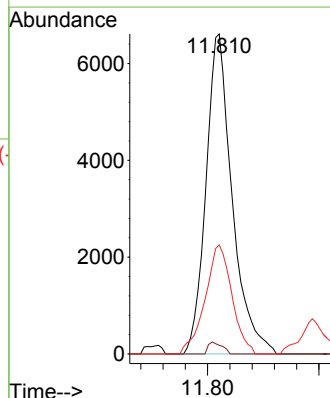
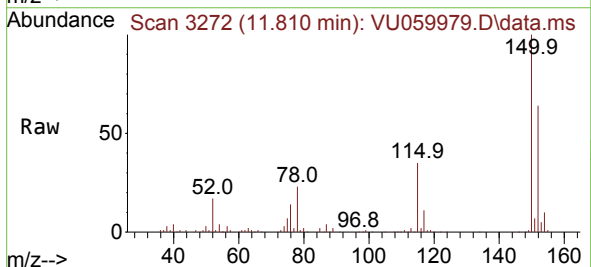
Instrument :
MSVOA_U
ClientSampleId :

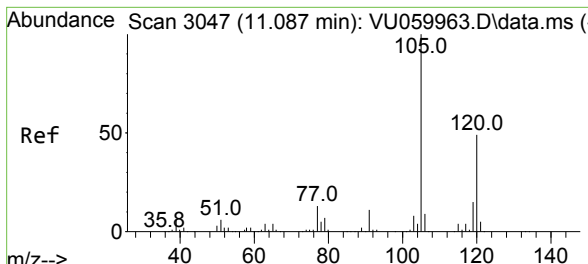
Tgt Ion:106 Resp: 3560
Ion Ratio Lower Upper
106 100
91 207.9 151.6 281.6



#61
1,2,3-Trichloropropane
Concen: 1.268 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.994 min
Lab File: VU059979.D
Acq: 16 Jul 2024 17:09

Tgt Ion: 75 Resp: 10816
Ion Ratio Lower Upper
75 100
110 2.0 27.1 40.7#
77 34.8 25.4 38.2

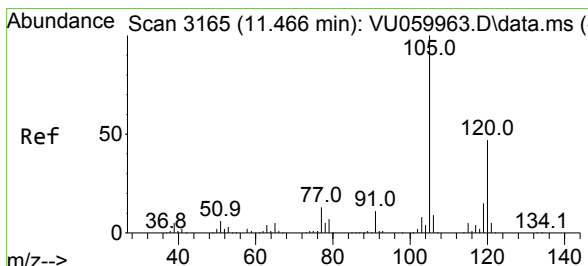
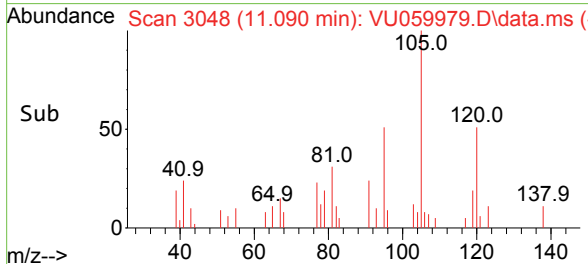
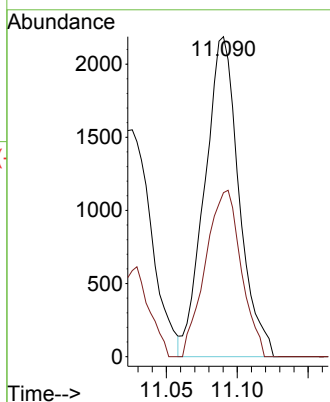
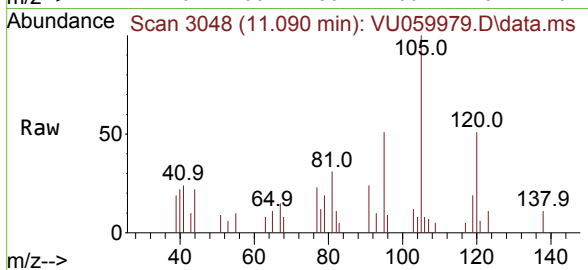




#62
 1,3,5-Trimethylbenzene
 Concen: 0.081 ug/L
 RT: 11.090 min Scan# 3048
 Delta R.T. 0.003 min
 Lab File: VU059979.D
 Acq: 16 Jul 2024 17:09

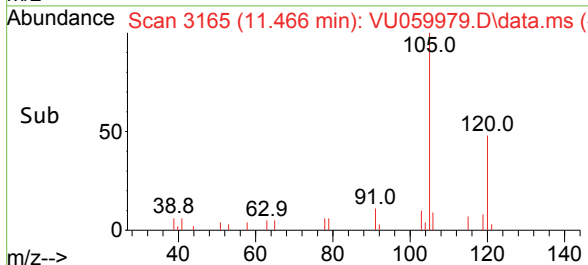
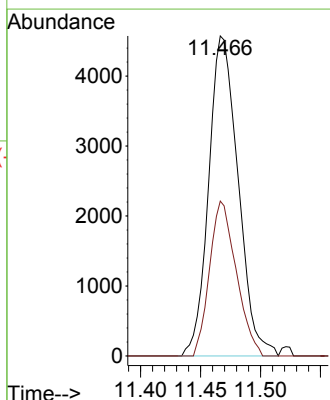
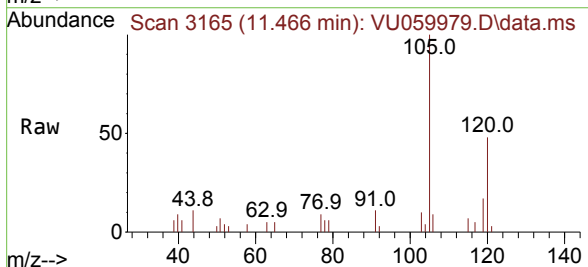
Instrument :
 MSVOA_U
 ClientSampleId :

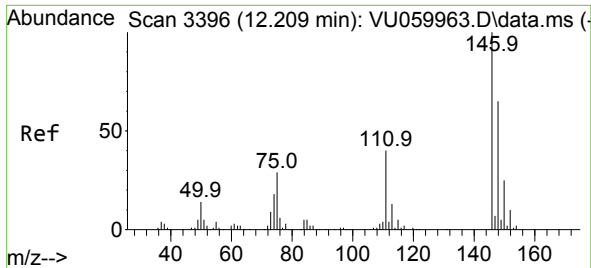
Tgt Ion:105 Resp: 3679
 Ion Ratio Lower Upper
 105 100
 120 54.1 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.181 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VU059979.D
 Acq: 16 Jul 2024 17:09

Tgt Ion:105 Resp: 7817
 Ion Ratio Lower Upper
 105 100
 120 43.8 35.4 53.0





#67

1,2-Dichlorobenzene

Concen: 0.363 ug/L

RT: 12.212 min Scan# 3397

Delta R.T. 0.003 min

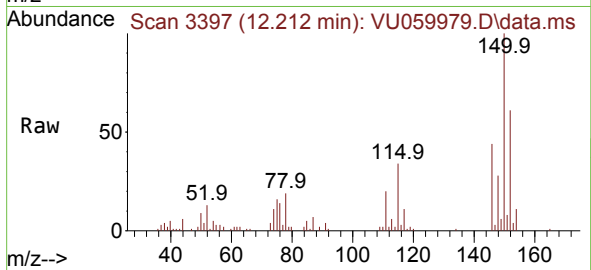
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Instrument :

MSVOA_U

ClientSampleId :



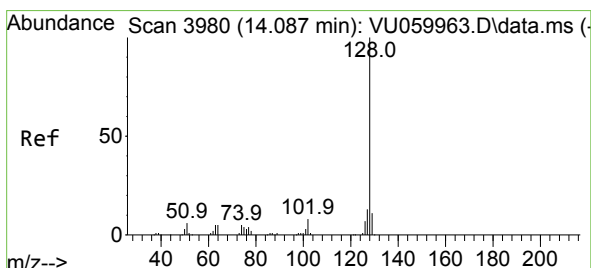
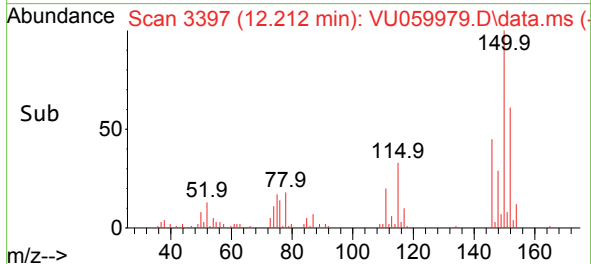
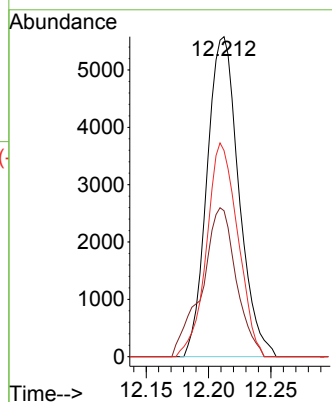
Tgt Ion:146 Resp: 9920

Ion Ratio Lower Upper

146 100

111 45.6 33.4 50.0

148 64.4 49.7 74.5



#71

Naphthalene

Concen: 0.952 ug/L

RT: 14.093 min Scan# 3982

Delta R.T. 0.006 min

Lab File: VU059979.D

Acq: 16 Jul 2024 17:09

Tgt Ion:128 Resp: 22453

Ion Ratio Lower Upper

128 100

129 9.9 8.2 12.4

127 13.6 10.2 15.4

