

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059752.D
 Acq On : 02 Jul 2024 21:10
 Operator : MD/SY
 Sample : P2979-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B47

Quant Time: Jul 03 04:07:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

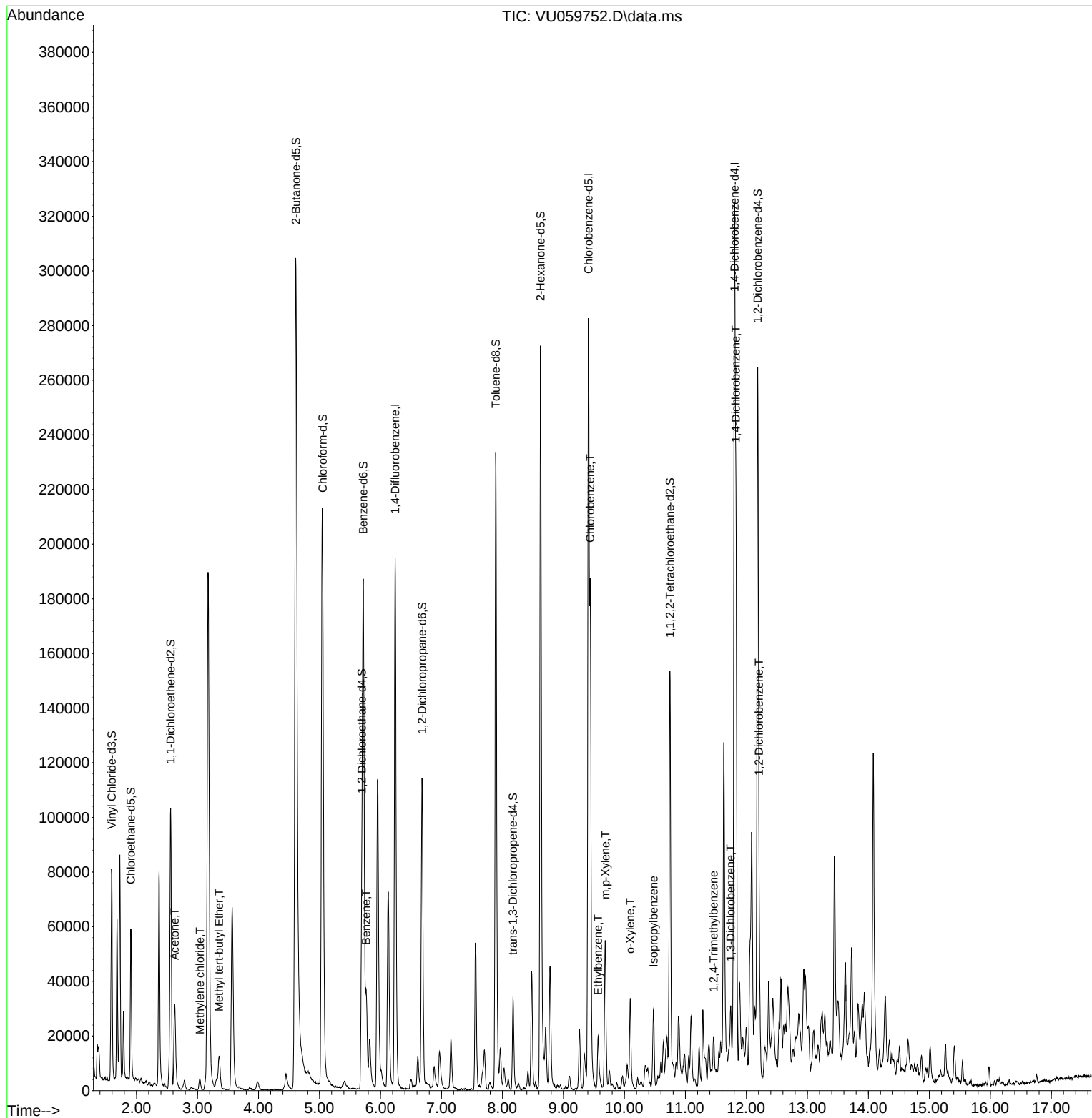
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166479	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	162831	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52166	4.506	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.907	69	41002	3.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.560	65	19446	4.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.615	46	95458	40.032	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.060%
24) Chloroform-d	5.052	84	88897	3.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
26) 1,2-Dichloroethane-d4	5.695	65	44815	3.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
32) Benzene-d6	5.718	84	185024	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.682	67	59085	4.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.891	98	164763	3.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.174	79	19707	4.583	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.624	63	79994	44.773	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49150	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	66531	4.502	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
13) Acetone	2.624	43	29406	19.011	ug/L	92
16) Methylene chloride	3.039	84	2325	0.166	ug/L	83
17) Methyl tert-butyl Ether	3.354	73	12894	0.507	ug/L	98
33) Benzene	5.766	78	31969	0.647	ug/L	100
51) Chlorobenzene	9.441	112	95771	2.884	ug/L	96
52) Ethylbenzene	9.566	91	7011	0.131	ug/L	90
53) m,p-Xylene	9.688	106	11737	0.569	ug/L	93
54) o-Xylene	10.097	106	8620	0.440	ug/L	91
60) Isopropylbenzene	10.479	105	17231	0.336	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	10790	0.278	ug/L	96
64) 1,3-Dichlorobenzene	11.743	146	5553	0.213	ug/L	93
65) 1,4-Dichlorobenzene	11.830	146	80296	2.991	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	11769	0.479	ug/L	95

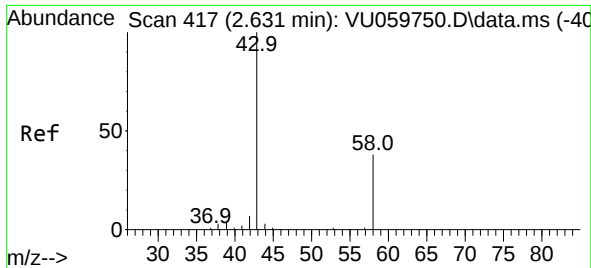
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059752.D
Acq On : 02 Jul 2024 21:10
Operator : MD/SY
Sample : P2979-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B47

Quant Time: Jul 03 04:07:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 03 04:07:12 2024
Response via : Initial Calibration





#13

Acetone

Concen: 19.011 ug/L

RT: 2.624 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU059752.D

Acq: 02 Jul 2024 21:10

Instrument :

MSVOA_U

ClientSampleId :

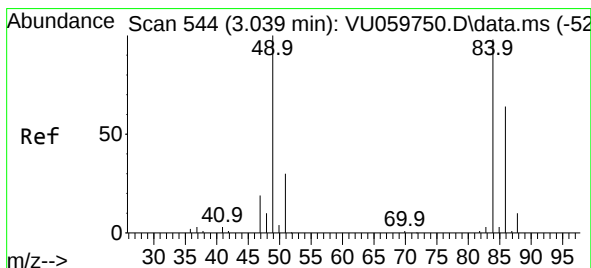
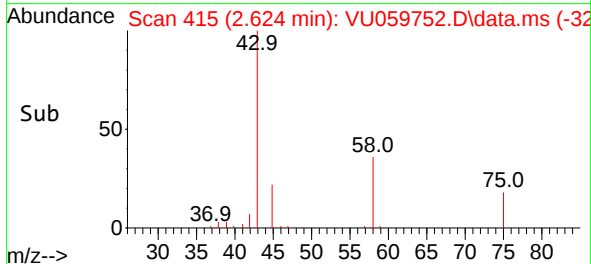
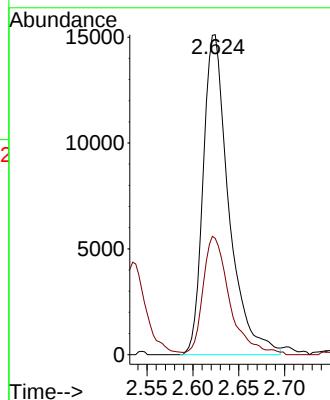
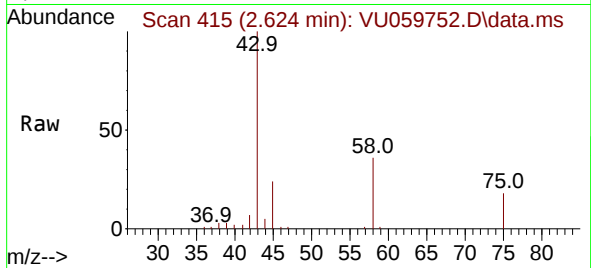
C0B47

Tgt Ion: 43 Resp: 29406

Ion Ratio Lower Upper

43 100

58 38.5 0.0 68.0



#16

Methylene chloride

Concen: 0.166 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU059752.D

Acq: 02 Jul 2024 21:10

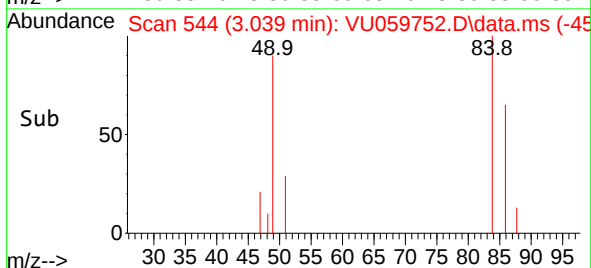
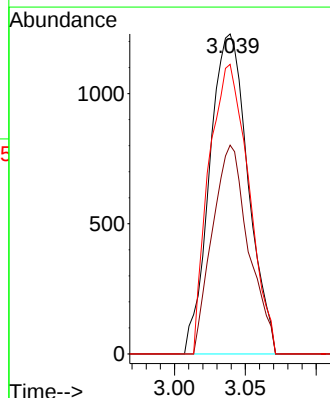
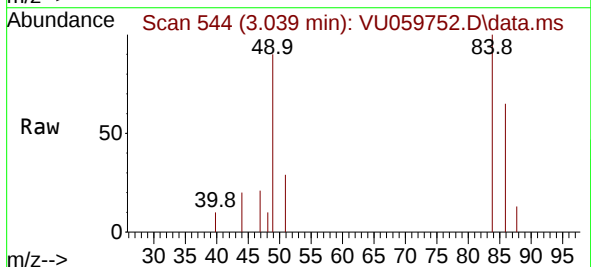
Tgt Ion: 84 Resp: 2325

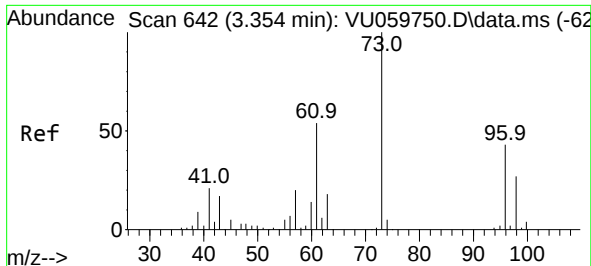
Ion Ratio Lower Upper

84 100

86 65.3 42.1 78.1

49 90.5 80.6 149.8

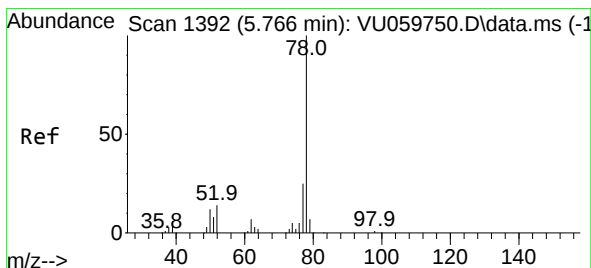
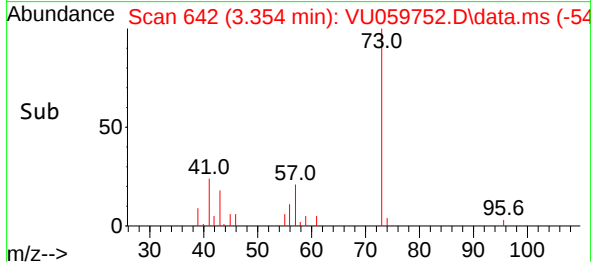
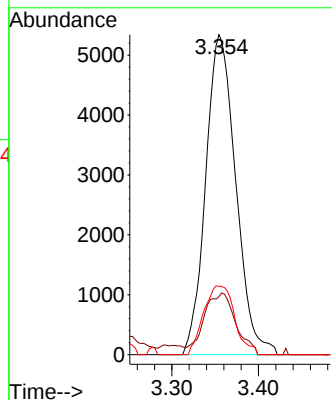
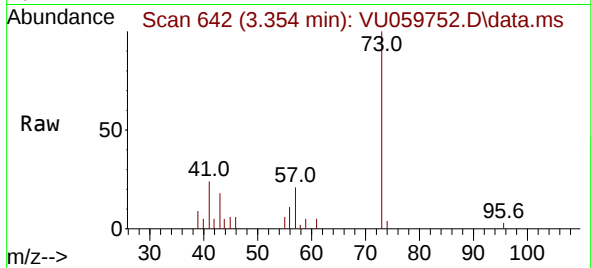




#17
Methyl tert-butyl Ether
Concen: 0.507 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059752.D
Acq: 02 Jul 2024 21:10

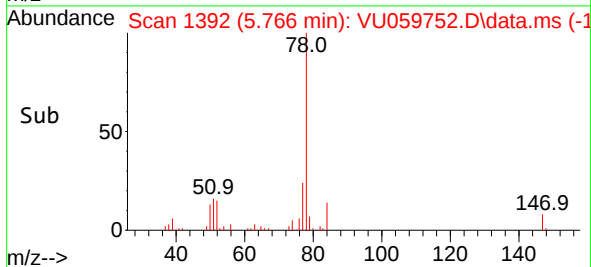
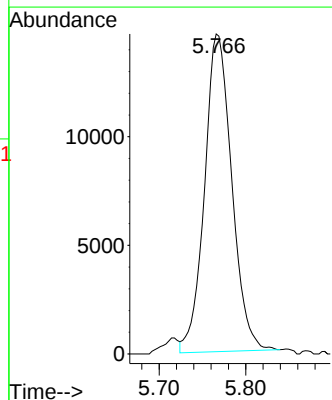
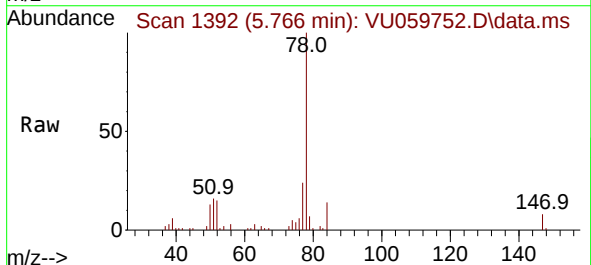
Instrument :
MSVOA_U
ClientSampleId :
C0B47

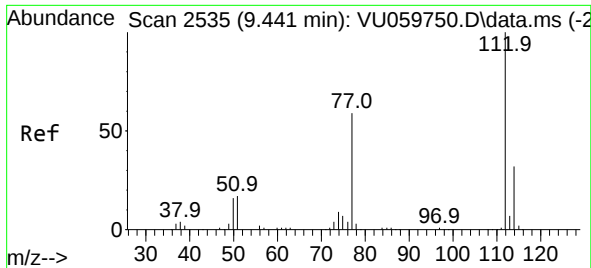
Tgt Ion: 73 Resp: 12894
Ion Ratio Lower Upper
73 100
43 20.4 14.9 22.3
57 22.2 18.0 27.0



#33
Benzene
Concen: 0.647 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059752.D
Acq: 02 Jul 2024 21:10

Tgt Ion: 78 Resp: 31969

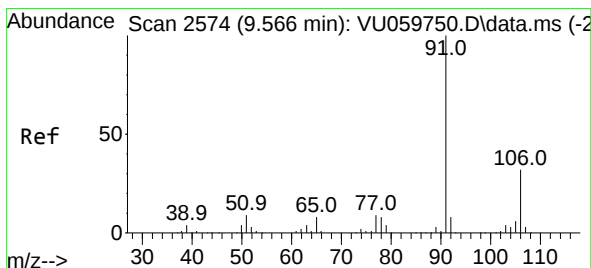
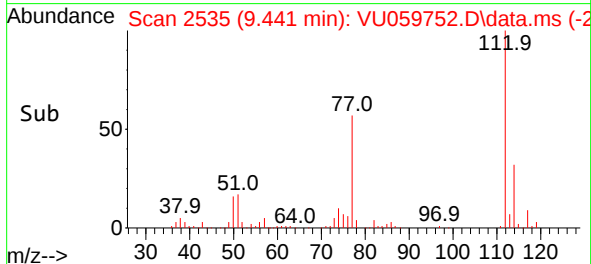
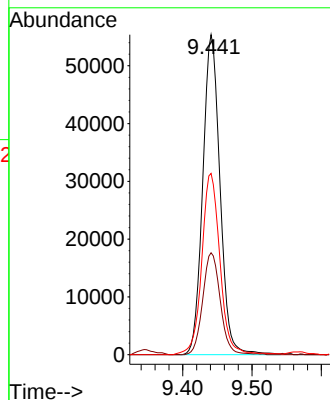
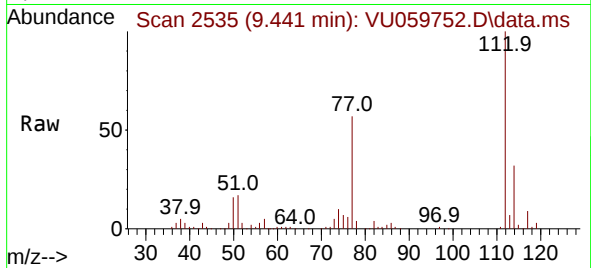




#51
Chlorobenzene
Concen: 2.884 ug/L
RT: 9.441 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VU059752.D
Acq: 02 Jul 2024 21:10

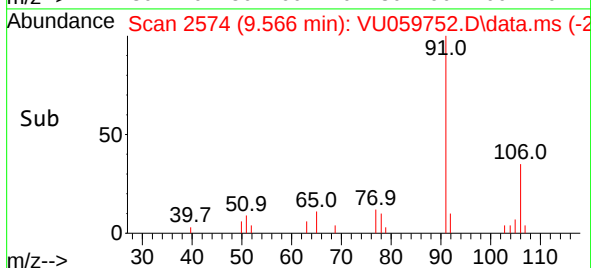
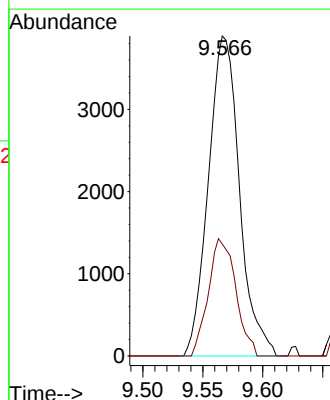
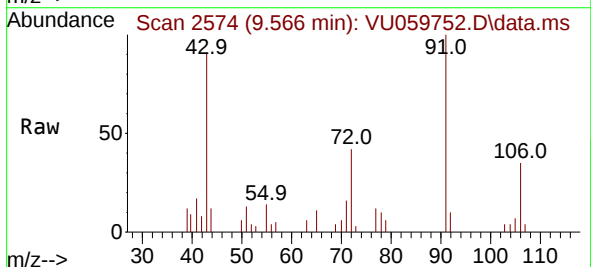
Instrument :
MSVOA_U
ClientSampleId :
C0B47

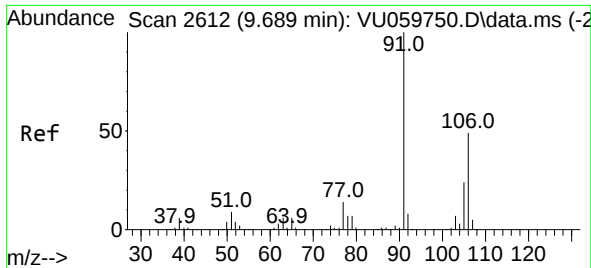
Tgt Ion:112 Resp: 95771
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 56.7 49.1 73.7



#52
Ethylbenzene
Concen: 0.131 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU059752.D
Acq: 02 Jul 2024 21:10

Tgt Ion: 91 Resp: 7011
Ion Ratio Lower Upper
91 100
106 35.0 20.9 38.7

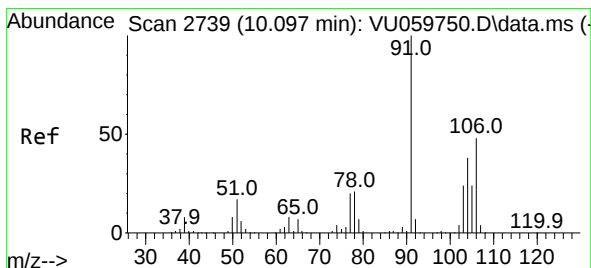
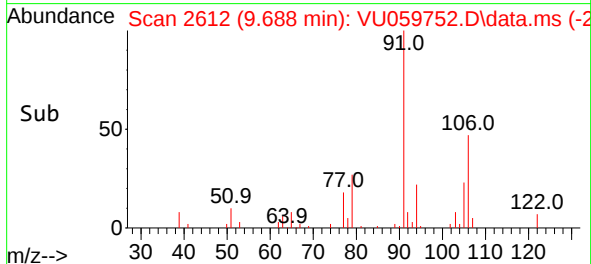
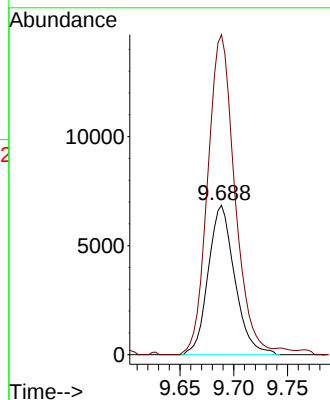
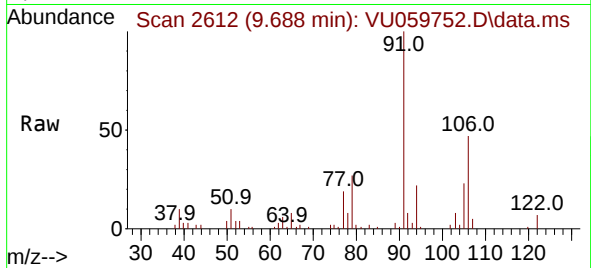




#53
m,p-Xylene
Concen: 0.569 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059752.D
Acq: 02 Jul 2024 21:10

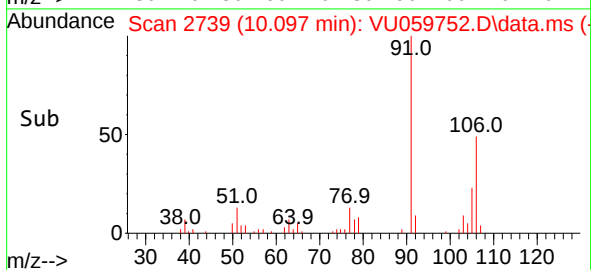
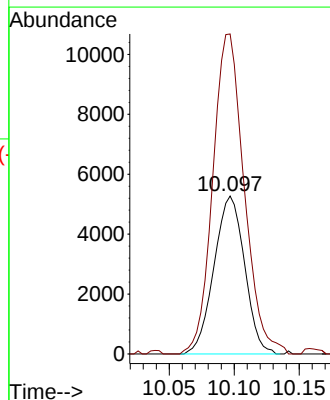
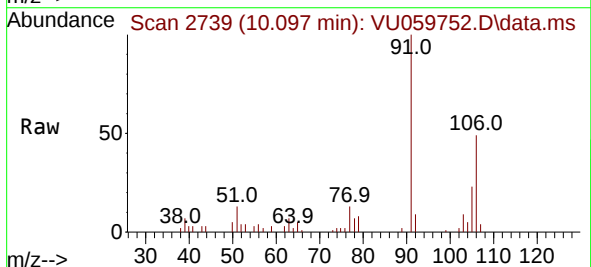
Instrument :
MSVOA_U
ClientSampleId :
C0B47

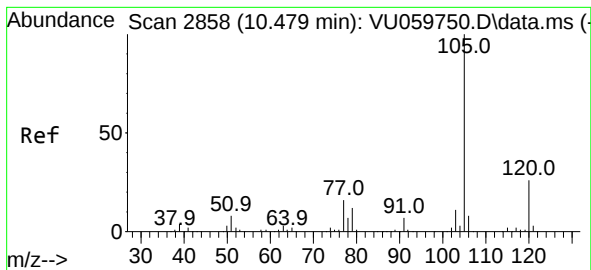
Tgt Ion:106 Resp: 11737
Ion Ratio Lower Upper
106 100
91 214.2 142.0 263.8



#54
o-Xylene
Concen: 0.440 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU059752.D
Acq: 02 Jul 2024 21:10

Tgt Ion:106 Resp: 8620
Ion Ratio Lower Upper
106 100
91 202.6 151.6 281.6





#60

Isopropylbenzene

Concen: 0.336 ug/L

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU059752.D

Acq: 02 Jul 2024 21:10

Instrument :

MSVOA_U

ClientSampleId :

C0B47

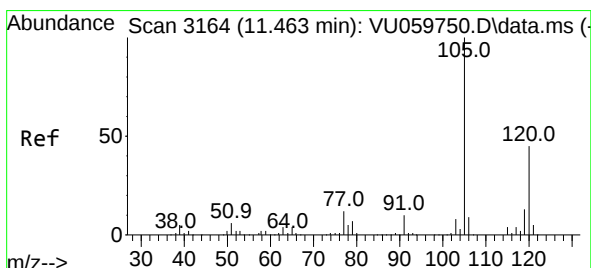
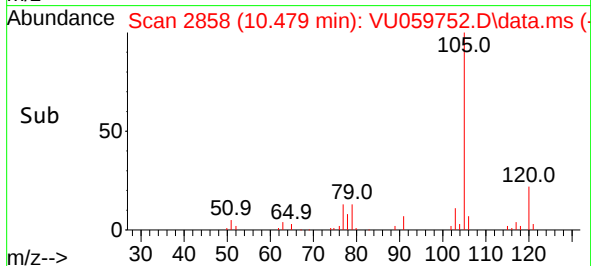
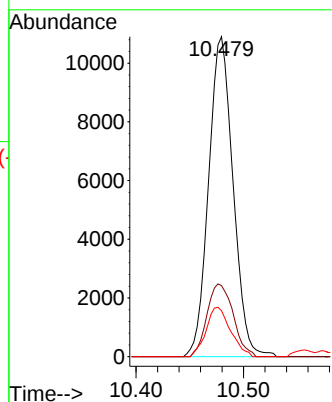
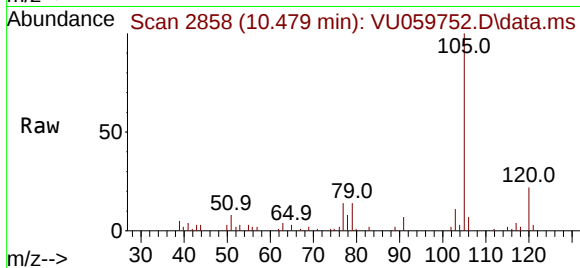
Tgt Ion:105 Resp: 17231

Ion Ratio Lower Upper

105 100

120 24.3 20.6 31.0

77 15.4 12.8 19.2



#63

1,2,4-Trimethylbenzene

Concen: 0.278 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU059752.D

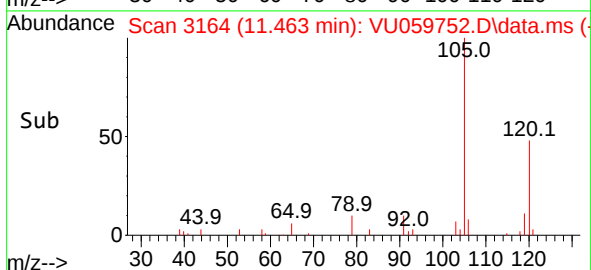
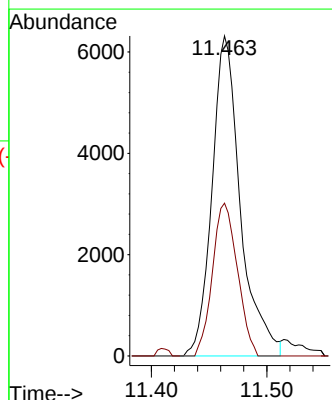
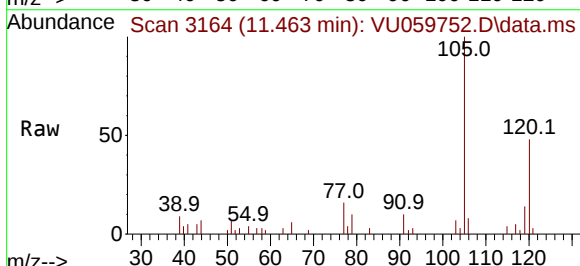
Acq: 02 Jul 2024 21:10

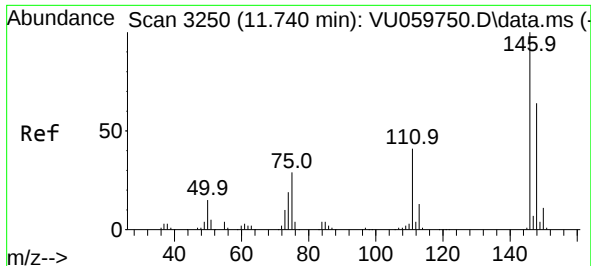
Tgt Ion:105 Resp: 10790

Ion Ratio Lower Upper

105 100

120 41.9 35.4 53.0

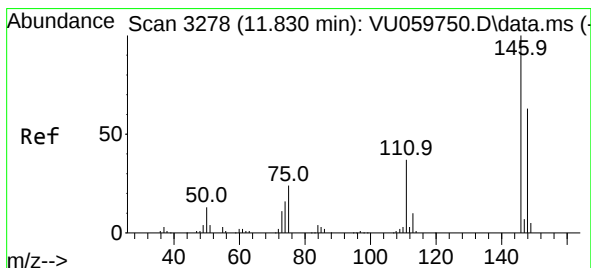
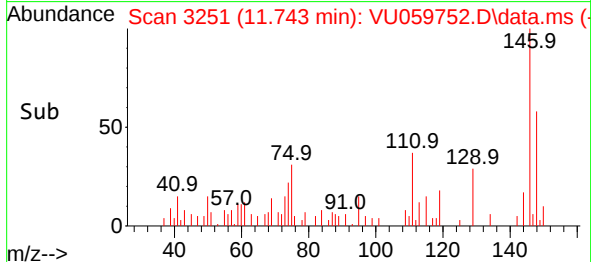
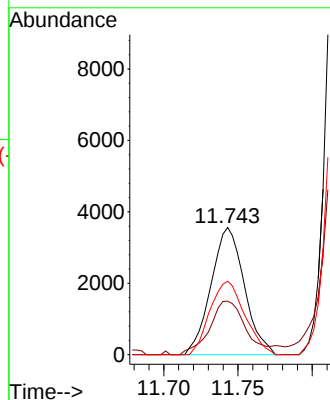
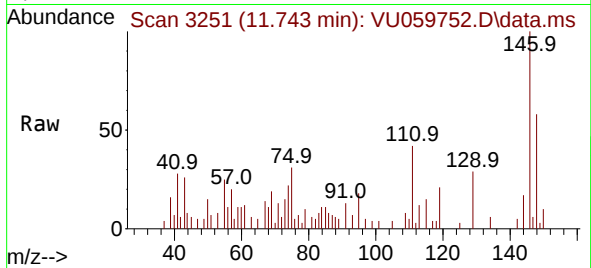




#64
1,3-Dichlorobenzene
Concen: 0.213 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU059752.D
Acq: 02 Jul 2024 21:10

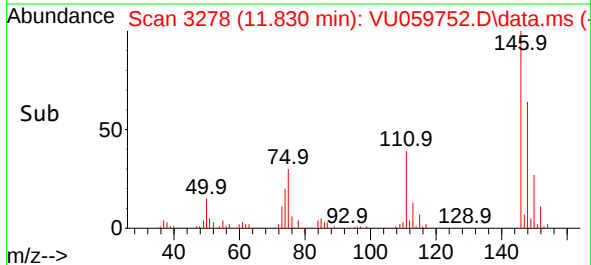
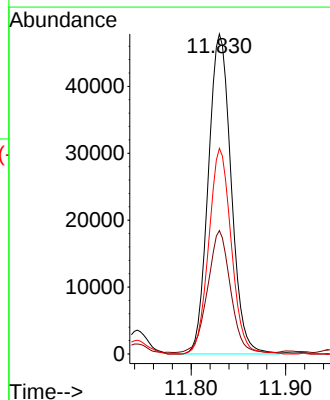
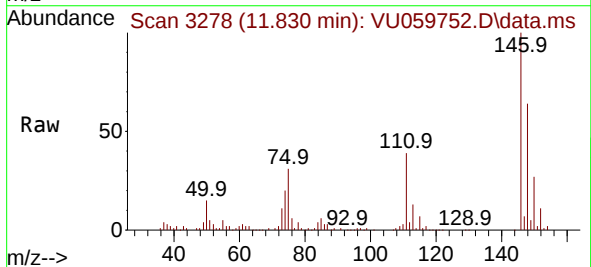
Instrument :
MSVOA_U
ClientSampleId :
C0B47

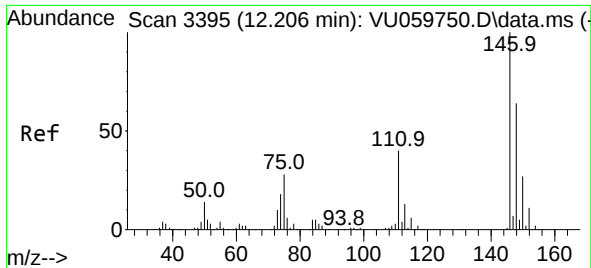
Tgt Ion:146 Resp: 5553
Ion Ratio Lower Upper
146 100
111 42.0 27.4 51.0
148 57.7 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 2.991 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU059752.D
Acq: 02 Jul 2024 21:10

Tgt Ion:146 Resp: 80296
Ion Ratio Lower Upper
146 100
111 38.6 26.9 50.1
148 64.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 0.479 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU059752.D

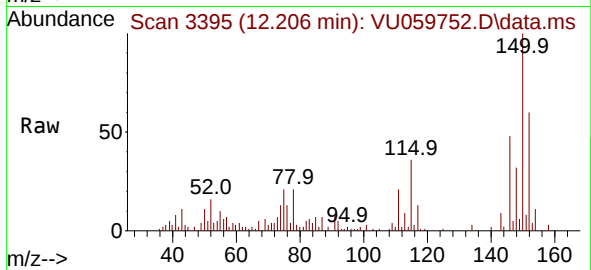
Acq: 02 Jul 2024 21:10

Instrument :

MSVOA_U

ClientSampleId :

C0B47



Tgt Ion:146 Resp: 11769

Ion Ratio Lower Upper

146 100

111 44.5 33.4 50.0

148 66.4 49.7 74.5

