

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060212.D
 Acq On : 26 Jul 2024 07:45
 Operator : MD/SY
 Sample : P3347-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 26 08:08:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 04:34:35 2024
 Response via : Initial Calibration

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

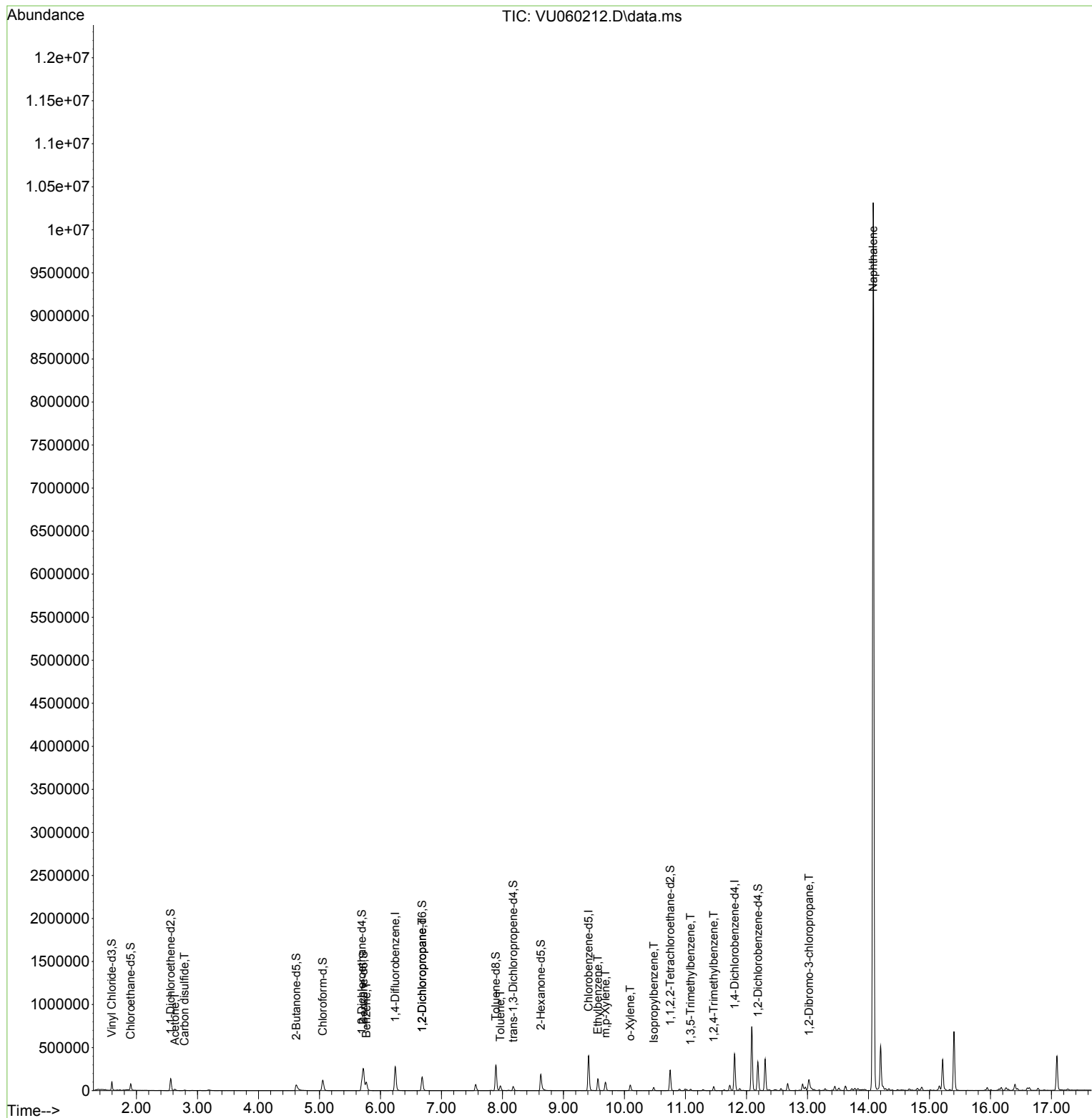
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	239520	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	239987	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	115632	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	71242	46.325	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.640%		
7) Chloroethane-d5	1.904	69	58007	44.843	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.680%		
11) 1,1-Dichloroethene-d2	2.560	63	84790	31.034	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.060%		
21) 2-Butanone-d5	4.618	46	107070	100.181	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.180%		
24) Chloroform-d	5.052	84	118192	39.686	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.380%		
26) 1,2-Dichloroethane-d4	5.695	65	72490	40.937	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.880%		
32) Benzene-d6	5.721	84	247754	40.316	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.640%		
36) 1,2-Dichloropropane-d6	6.682	67	84203	44.271	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.540%		
41) Toluene-d8	7.891	98	206256	35.293	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	70.580%#		
43) trans-1,3-Dichloroprop...	8.174	79	30938	34.762	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.520%		
47) 2-Hexanone-d5	8.627	63	67468	84.170	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.170%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	124551	42.665	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.320%		
66) 1,2-Dichlorobenzene-d4	12.187	152	87281	41.076	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.160%		
Target Compounds						Qvalue
13) Acetone	2.628	43	20183	18.339	ug/L	100
14) Carbon disulfide	2.788	76	7147	1.994	ug/L #	94
33) Benzene	5.769	78	100453	15.501	ug/L	100
37) 1,2-Dichloropropane	6.682	63	7881	4.418	ug/L #	88
42) Toluene	7.965	91	42563	6.016	ug/L	98
52) Ethylbenzene	9.563	91	98427	13.028	ug/L	98
53) m,p-Xylene	9.689	106	29626	10.071	ug/L	95
54) o-Xylene	10.094	106	18145	6.414	ug/L	92
61) Isopropylbenzene	10.480	105	23445	3.478	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	9601	1.946	ug/L	94
63) 1,2,4-Trimethylbenzene	11.463	105	24676	4.669	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.026	75	2982	4.969	ug/L #	1
71) Naphthalene	14.077	128	7989301	1217.023	ug/L	100

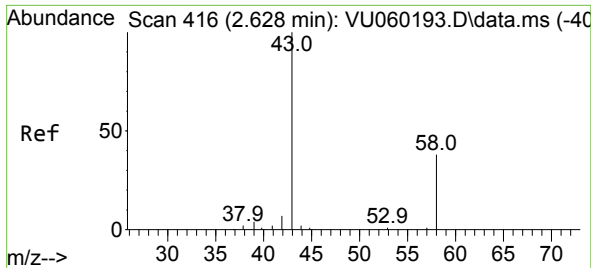
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.339 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.000 min

Lab File: VU060212.D

Acq: 26 Jul 2024 07:45

Instrument :

MSVOA_U

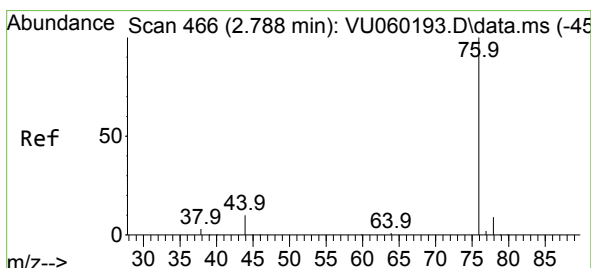
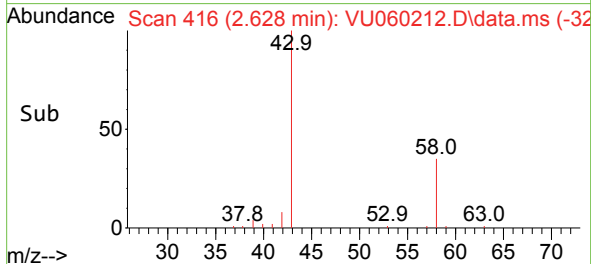
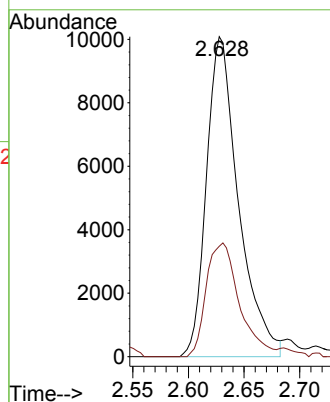
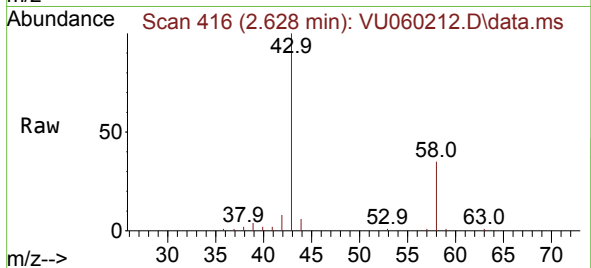
ClientSampleId :

Tgt Ion: 43 Resp: 20183

Ion Ratio Lower Upper

43 100

58 36.8 0.0 73.8



#14

Carbon disulfide

Concen: 1.994 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060212.D

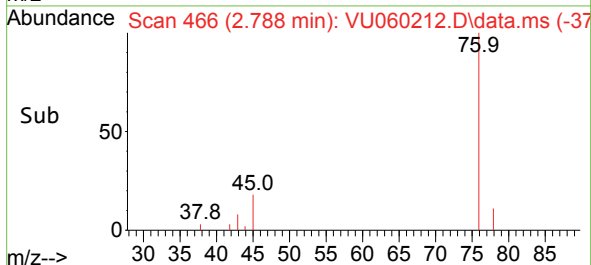
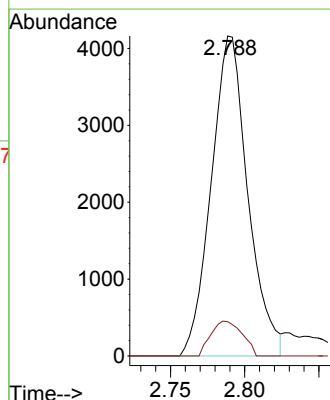
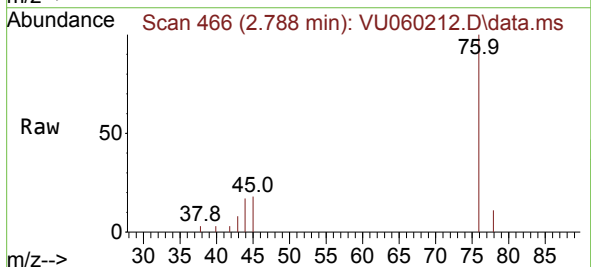
Acq: 26 Jul 2024 07:45

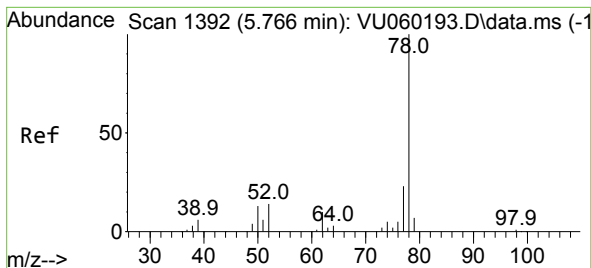
Tgt Ion: 76 Resp: 7147

Ion Ratio Lower Upper

76 100

78 10.7 7.0 10.4





#33

Benzene

Concen: 15.501 ug/L

RT: 5.769 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060212.D

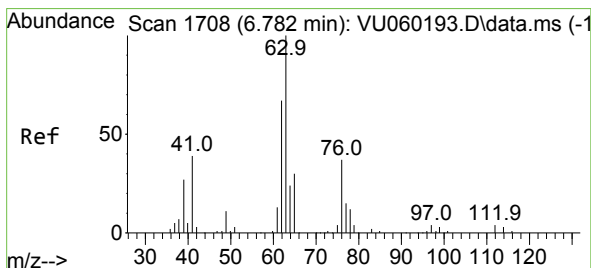
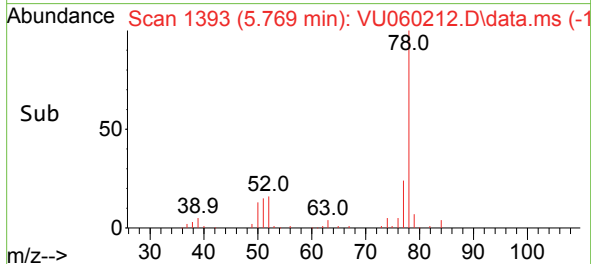
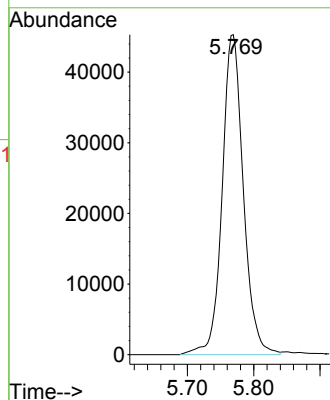
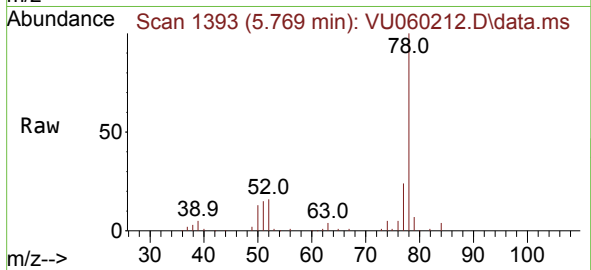
Acq: 26 Jul 2024 07:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 100453



#37

1,2-Dichloropropane

Concen: 4.418 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU060212.D

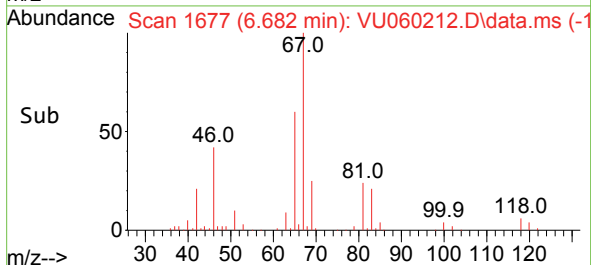
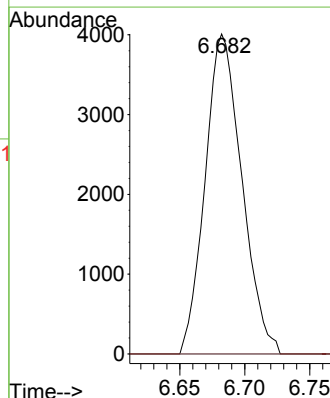
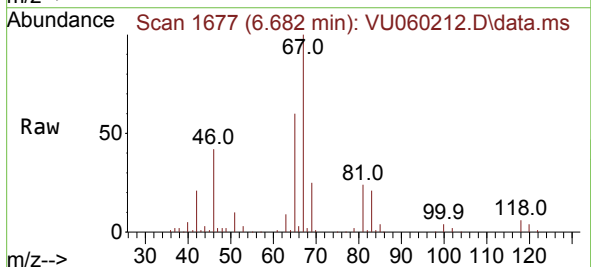
Acq: 26 Jul 2024 07:45

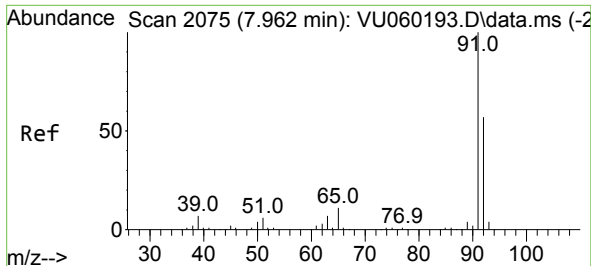
Tgt Ion: 63 Resp: 7881

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#42

Toluene

Concen: 6.016 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060212.D

Acq: 26 Jul 2024 07:45

Instrument :

MSVOA_U

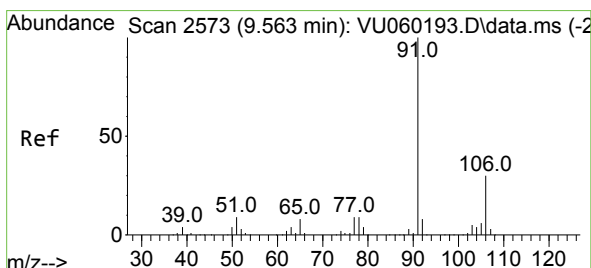
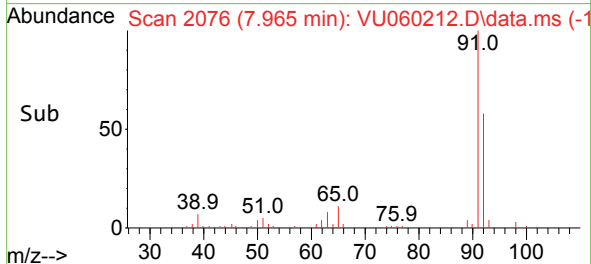
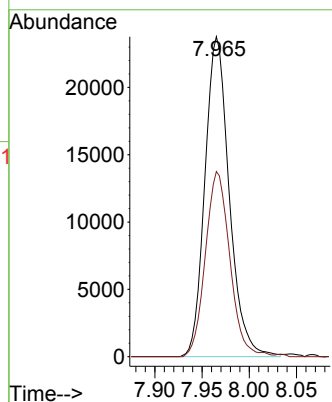
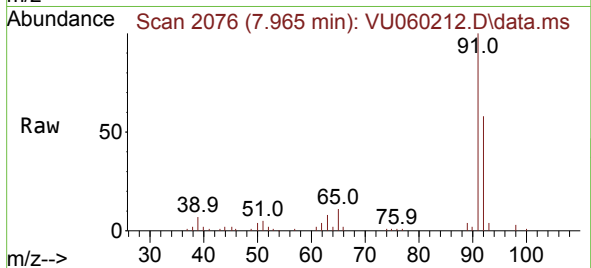
ClientSampleId :

Tgt Ion: 91 Resp: 42563

Ion Ratio Lower Upper

91 100

92 57.8 39.3 72.9



#52

Ethylbenzene

Concen: 13.028 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU060212.D

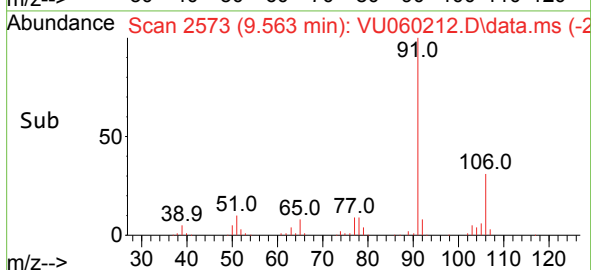
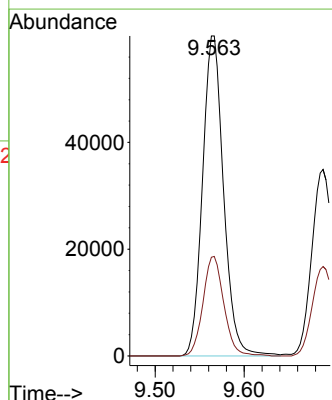
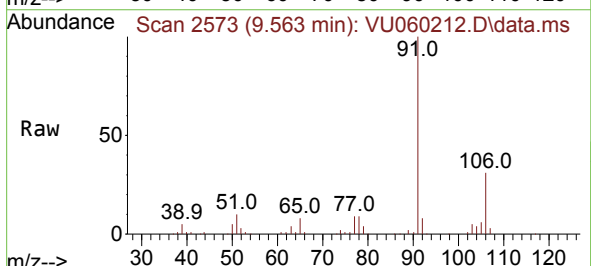
Acq: 26 Jul 2024 07:45

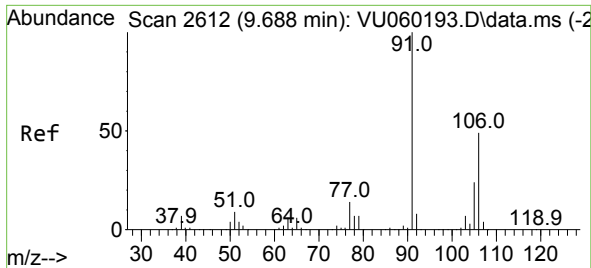
Tgt Ion: 91 Resp: 98427

Ion Ratio Lower Upper

91 100

106 30.9 22.4 41.6

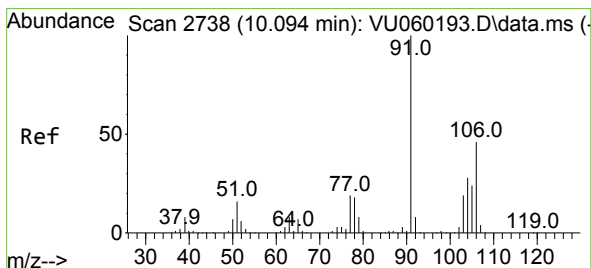
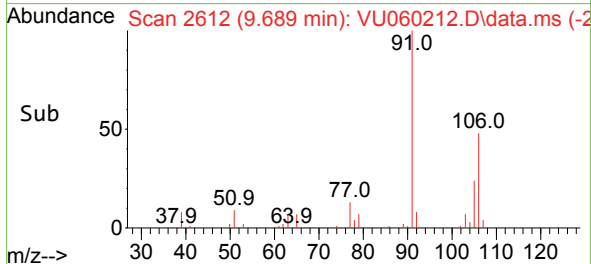
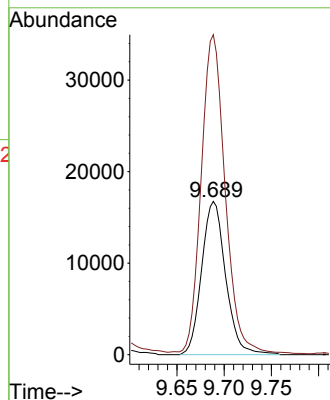
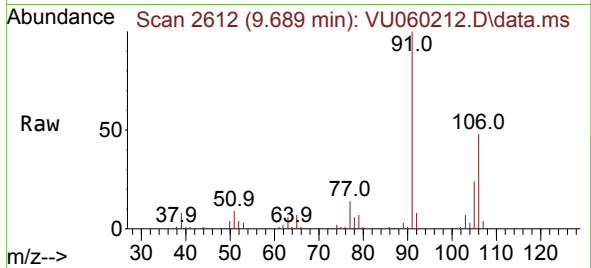




#53
m,p-Xylene
Concen: 10.071 ug/L
RT: 9.689 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU060212.D
Acq: 26 Jul 2024 07:45

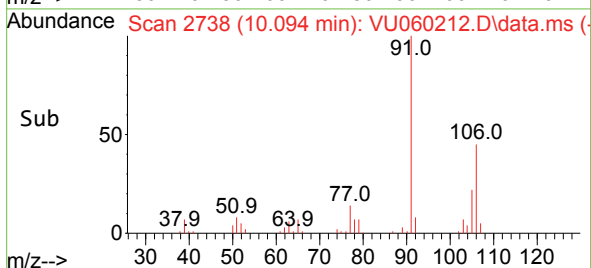
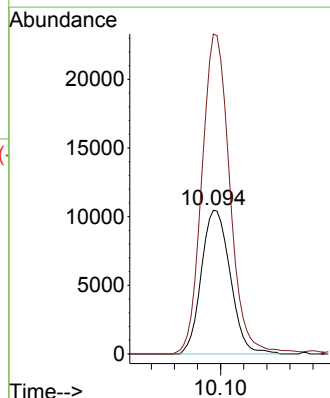
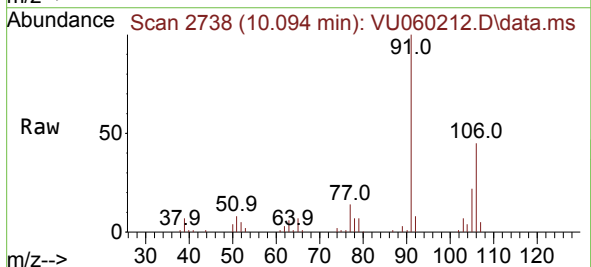
Instrument :
MSVOA_U
ClientSampleId :

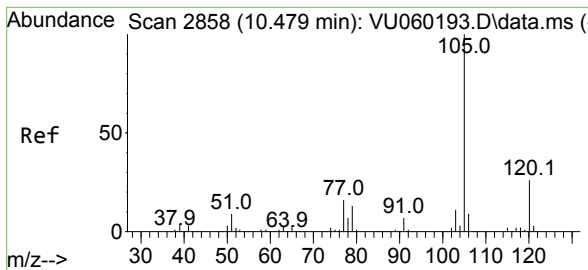
Tgt Ion:106 Resp: 29626
Ion Ratio Lower Upper
106 100
91 208.8 140.9 261.7



#54
o-Xylene
Concen: 6.414 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060212.D
Acq: 26 Jul 2024 07:45

Tgt Ion:106 Resp: 18145
Ion Ratio Lower Upper
106 100
91 222.6 147.4 273.8





#61

Isopropylbenzene

Concen: 3.478 ug/L

RT: 10.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU060212.D

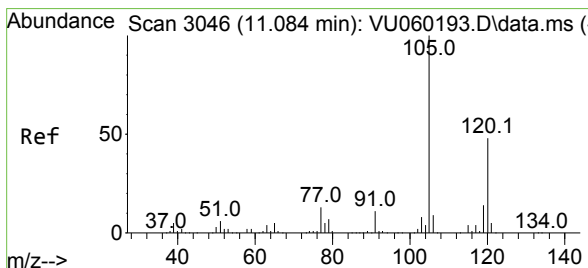
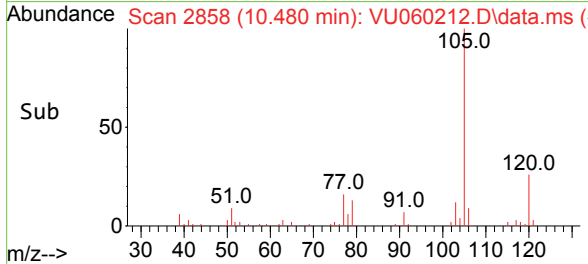
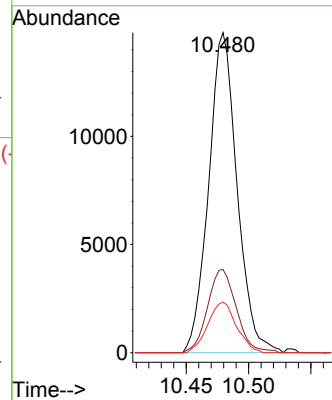
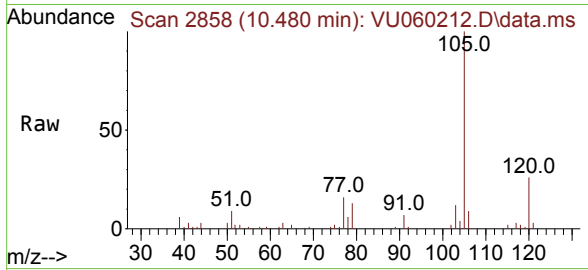
Acq: 26 Jul 2024 07:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	23445
Ion Ratio	Lower	Upper
105	100	
120	26.3	20.9 31.3
77	15.9	12.1 18.1



#62

1,3,5-Trimethylbenzene

Concen: 1.946 ug/L

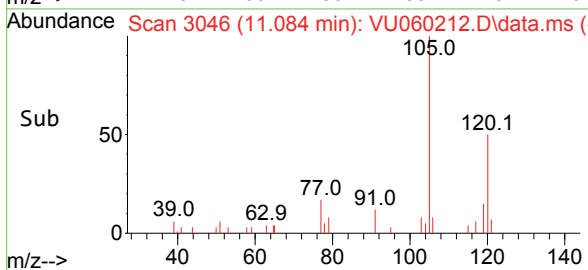
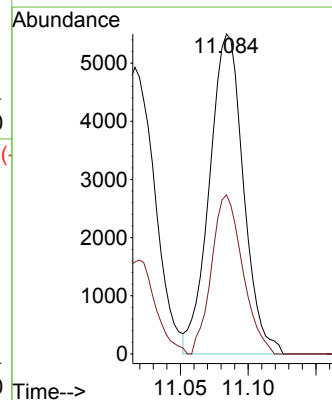
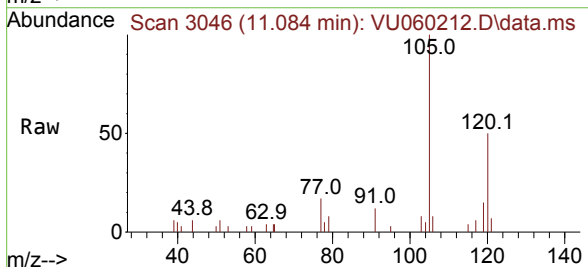
RT: 11.084 min Scan# 3046

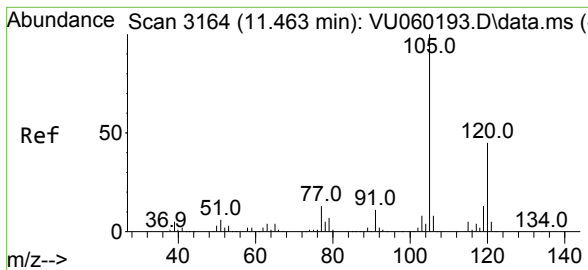
Delta R.T. 0.000 min

Lab File: VU060212.D

Acq: 26 Jul 2024 07:45

Tgt Ion:105	Resp:	9601
Ion Ratio	Lower	Upper
105	100	
120	45.6	39.5 59.3

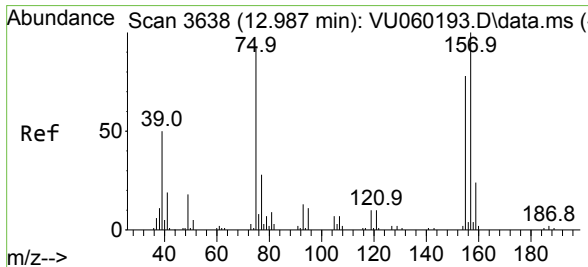
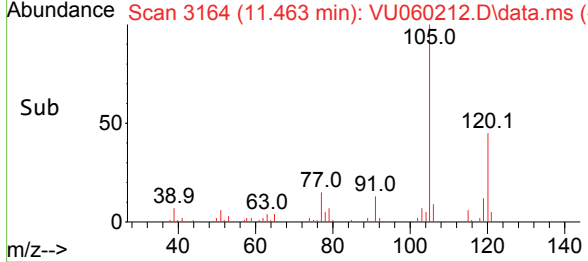
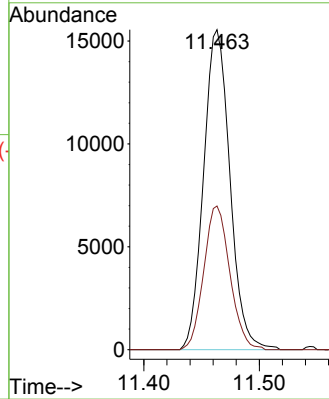
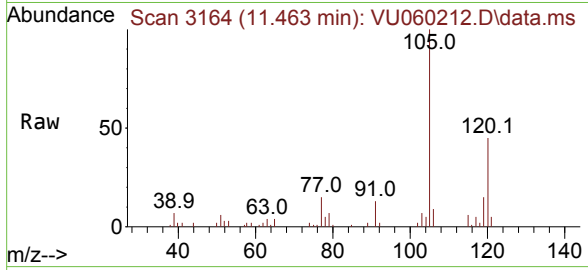




#63
 1,2,4-Trimethylbenzene
 Concen: 4.669 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU060212.D
 Acq: 26 Jul 2024 07:45

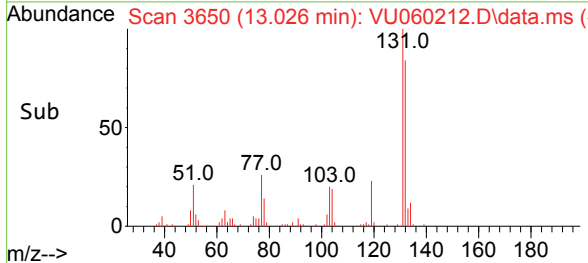
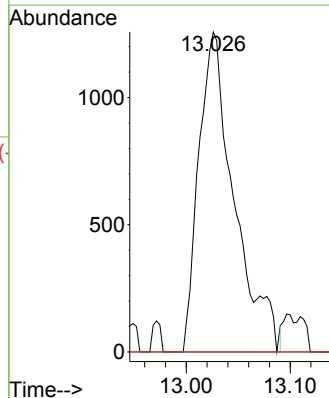
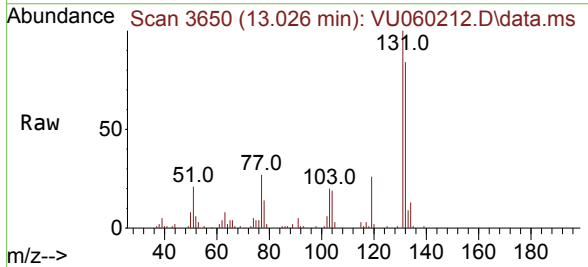
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 MSVOA_U
 ClientSampleId :

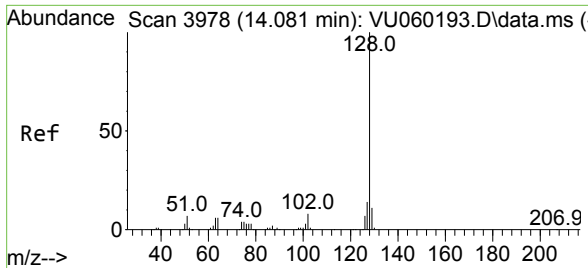
Tgt Ion:105 Resp: 24676
 Ion Ratio Lower Upper
 105 100
 120 44.4 37.0 55.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.969 ug/L
 RT: 13.026 min Scan# 3650
 Delta R.T. 0.039 min
 Lab File: VU060212.D
 Acq: 26 Jul 2024 07:45

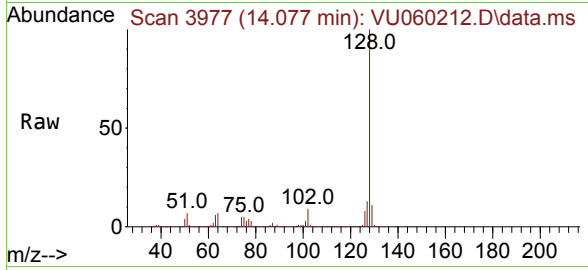
Tgt Ion: 75 Resp: 2982
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.5 110.3#
 157 0.0 93.5 140.3#





#71
Naphthalene
Concen: 1217.023 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU060212.D
Acq: 26 Jul 2024 07:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 7989301
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0

