

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060202.D
 Acq On : 26 Jul 2024 03:48
 Operator : MD/SY
 Sample : P3347-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 26 05:12:38 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)

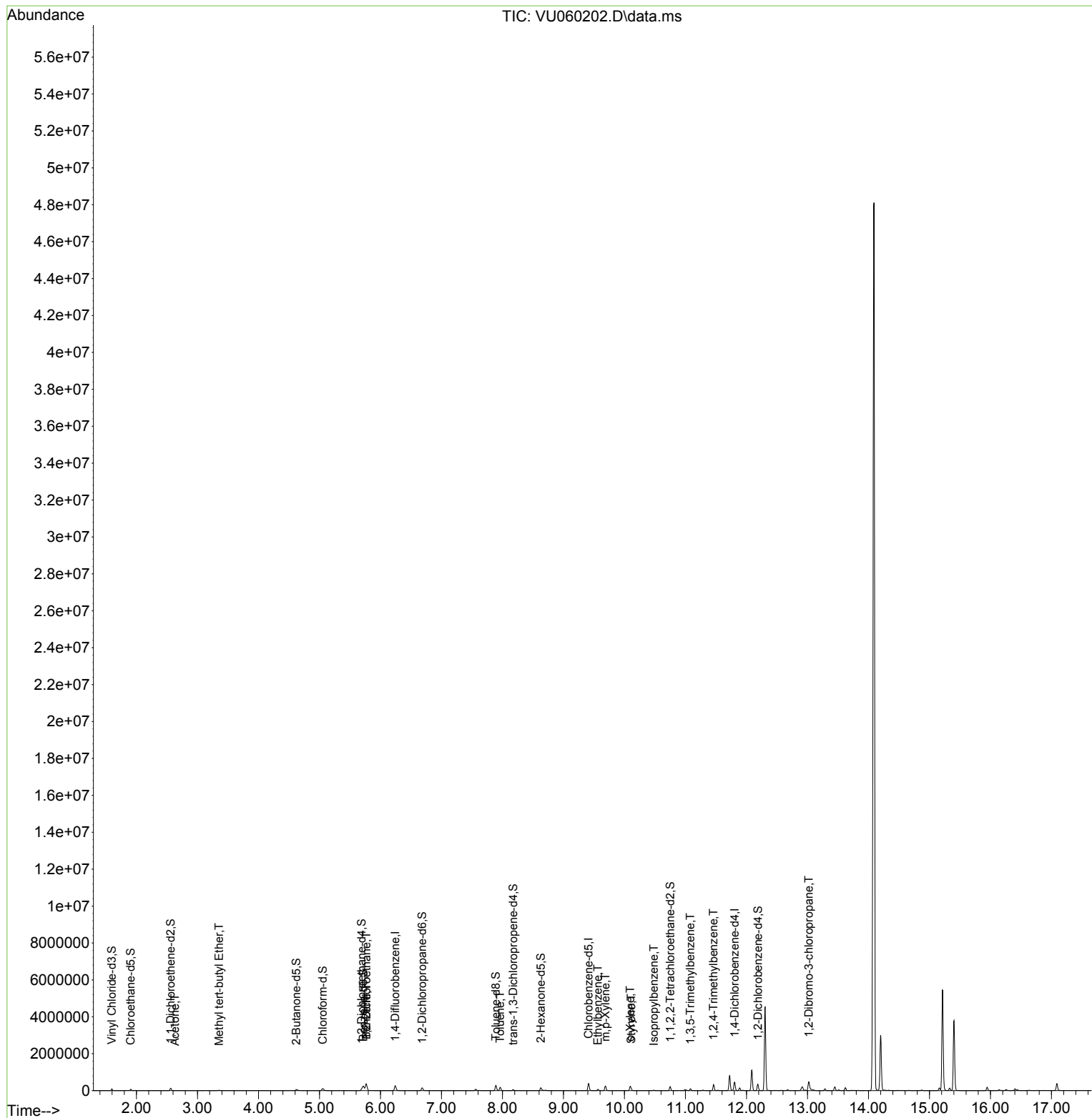
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	226146	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	230024	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	125577	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	67911	46.770	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.540%		
7) Chloroethane-d5	1.905	69	55277	45.260	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.520%		
11) 1,1-Dichloroethene-d2	2.560	63	79205	30.705	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.400%		
21) 2-Butanone-d5	4.621	46	86156	85.380	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.380%		
24) Chloroform-d	5.052	84	116333	41.372	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.740%		
26) 1,2-Dichloroethane-d4	5.692	65	70264	42.026	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.060%		
32) Benzene-d6	5.718	84	232952	39.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.100%		
36) 1,2-Dichloropropane-d6	6.682	67	79970	43.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.740%		
41) Toluene-d8	7.891	98	196400	35.062	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	70.120%#		
43) trans-1,3-Dichloroprop...	8.174	79	31350	36.750	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.500%		
47) 2-Hexanone-d5	8.628	63	54152	70.483	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	70.480%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	117601	42.029	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.060%		
66) 1,2-Dichlorobenzene-d4	12.187	152	87983	38.128	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.260%#		
Target Compounds						Qvalue
13) Acetone	2.631	43	3853	3.708	ug/L	98
18) Methyl tert-butyl Ether	3.355	73	21382	4.769	ug/L #	75
27) 1,2-Dichloroethane	5.769	62	2950	1.379	ug/L #	73
33) Benzene	5.766	78	370705	59.680	ug/L	100
42) Toluene	7.962	91	139568	20.582	ug/L	98
52) Ethylbenzene	9.563	91	49676	6.860	ug/L	98
53) m,p-Xylene	9.689	106	73908	26.213	ug/L	100
54) o-Xylene	10.094	106	58421	21.547	ug/L	94
55) Styrene	10.110	104	35742	7.814	ug/L	89
61) Isopropylbenzene	10.480	105	16696	2.281	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	54769	10.220	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	175628	30.597	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.020	75	10652	16.343	ug/L #	1

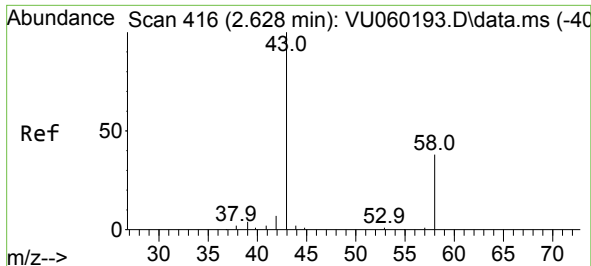
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.708 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.004 min

Lab File: VU060202.D

Acq: 26 Jul 2024 03:48

Instrument :

MSVOA_U

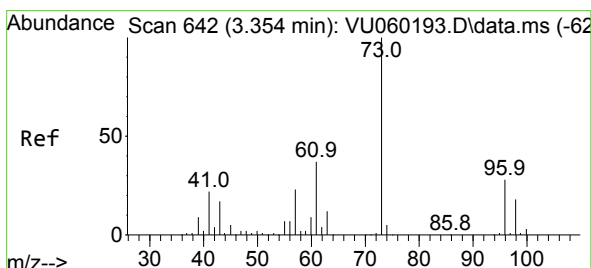
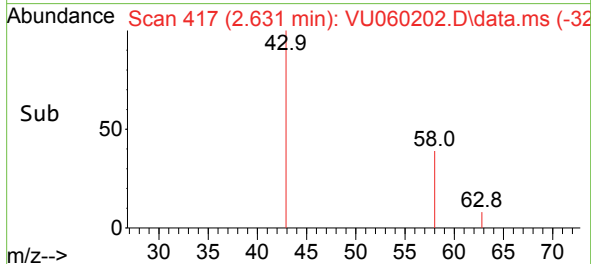
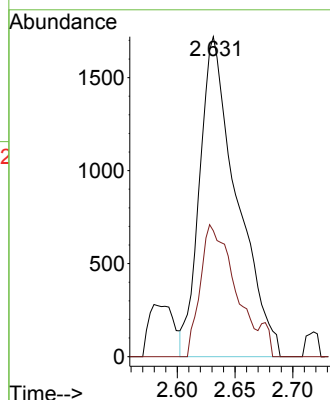
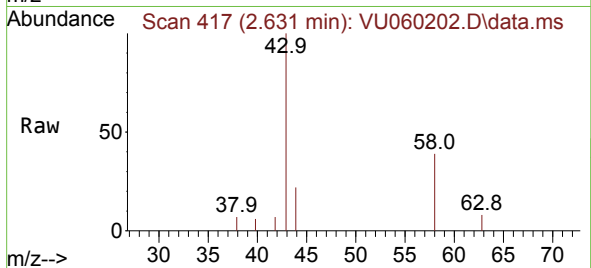
ClientSampleId :

Tgt Ion: 43 Resp: 3853

Ion Ratio Lower Upper

43 100

58 38.2 0.0 73.8



#18

Methyl tert-butyl Ether

Concen: 4.769 ug/L

RT: 3.355 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU060202.D

Acq: 26 Jul 2024 03:48

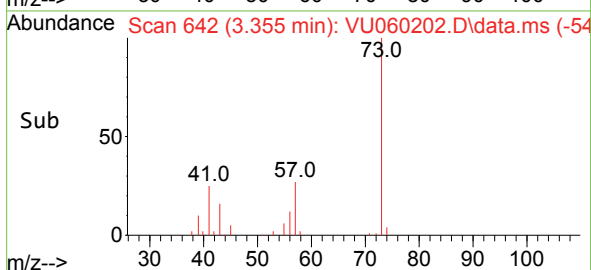
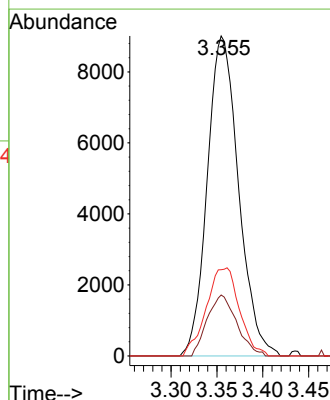
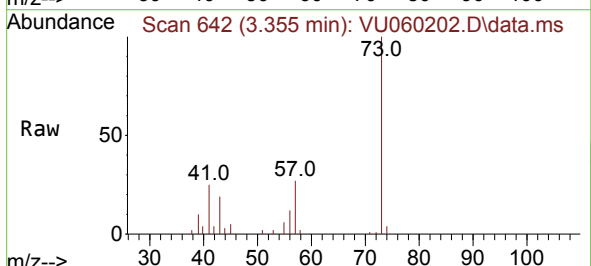
Tgt Ion: 73 Resp: 21382

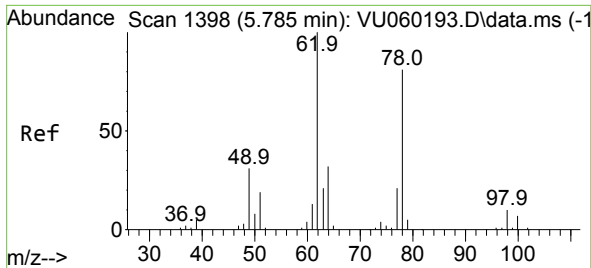
Ion Ratio Lower Upper

73 100

43 17.9 14.1 21.1

57 0.0 17.1 25.7#

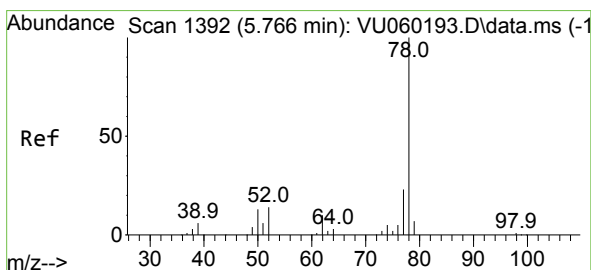
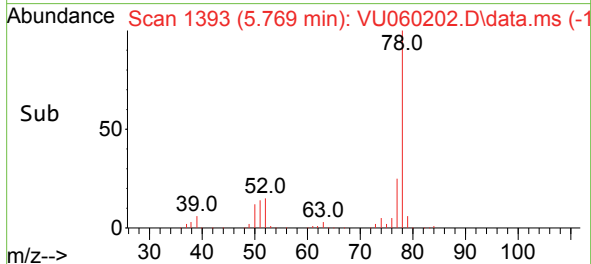
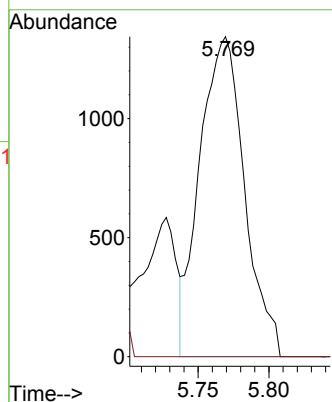
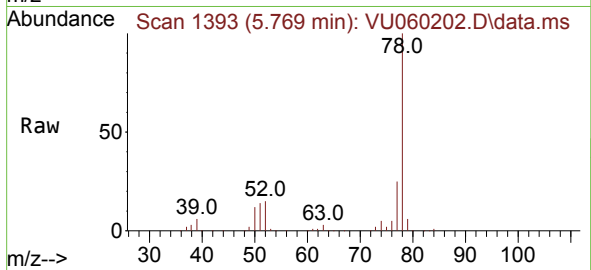




#27
1,2-Dichloroethane
Concen: 1.379 ug/L
RT: 5.769 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

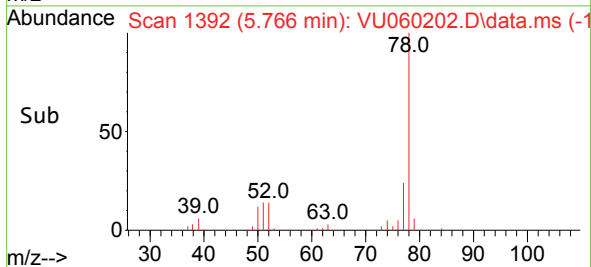
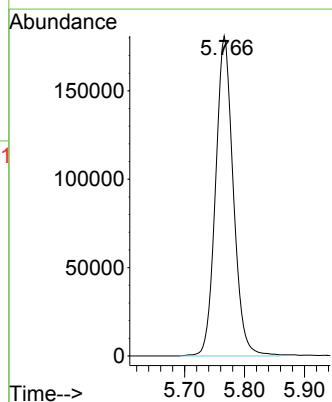
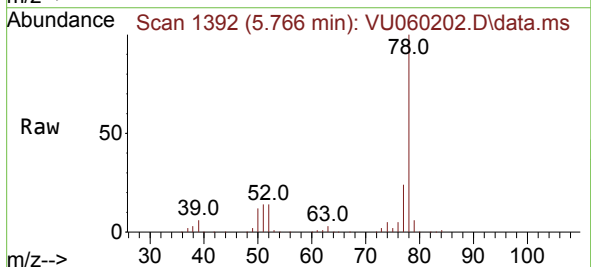
Instrument :
MSVOA_U
ClientSampleId :

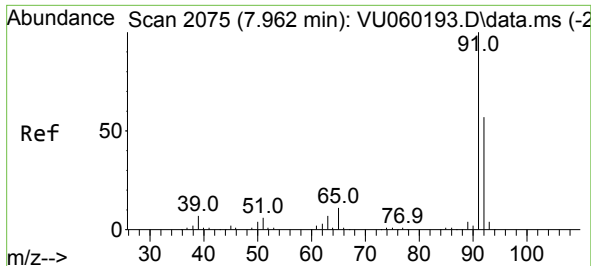
Tgt Ion: 62 Resp: 2950
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#33
Benzene
Concen: 59.680 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

Tgt Ion: 78 Resp: 370705





#42

Toluene

Concen: 20.582 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060202.D

Acq: 26 Jul 2024 03:48

Instrument :

MSVOA_U

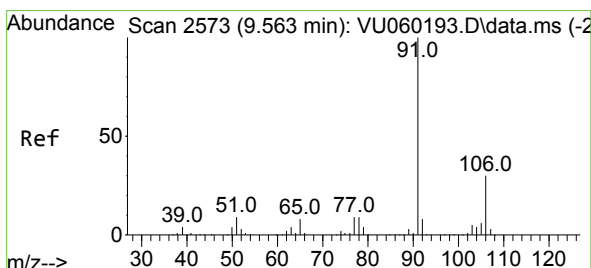
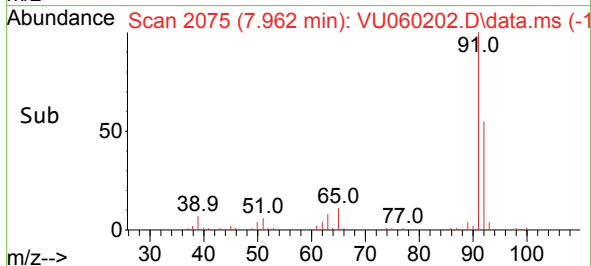
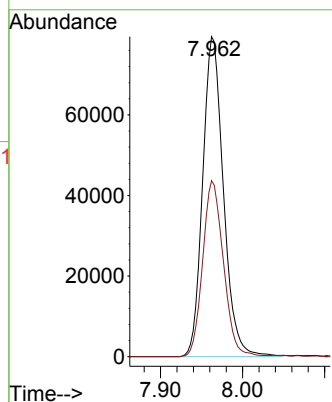
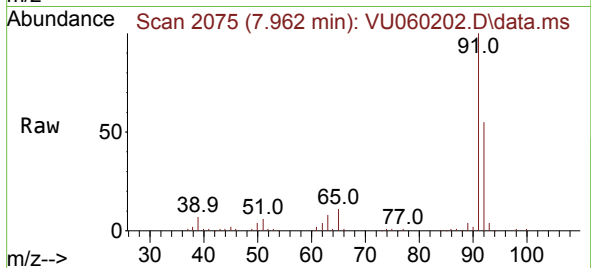
ClientSampleId :

Tgt Ion: 91 Resp: 139568

Ion Ratio Lower Upper

91 100

92 55.0 39.3 72.9



#52

Ethylbenzene

Concen: 6.860 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU060202.D

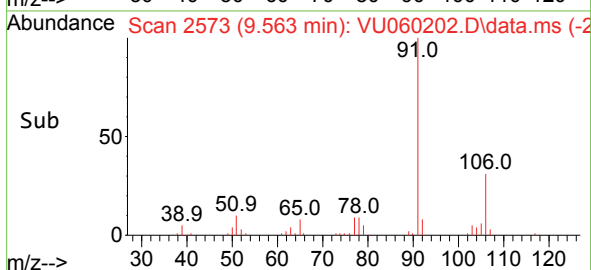
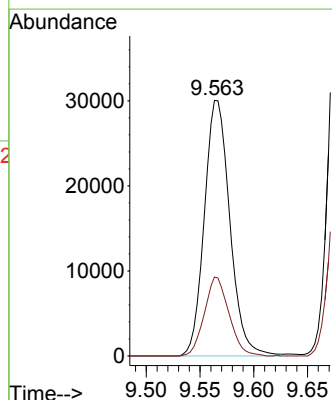
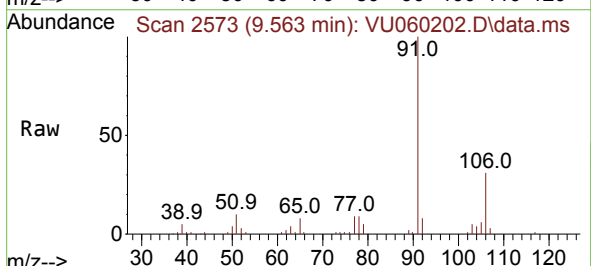
Acq: 26 Jul 2024 03:48

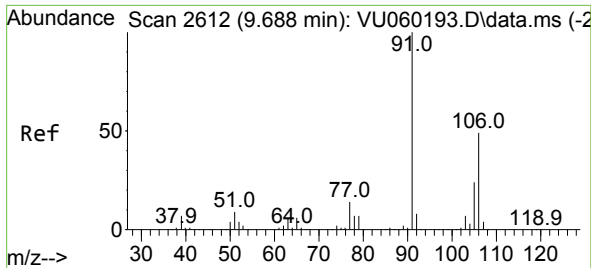
Tgt Ion: 91 Resp: 49676

Ion Ratio Lower Upper

91 100

106 30.9 22.4 41.6

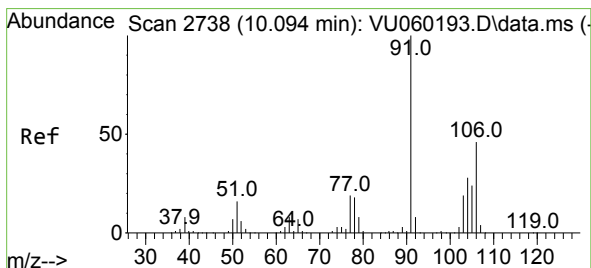
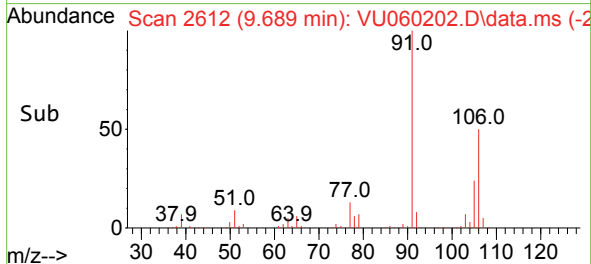
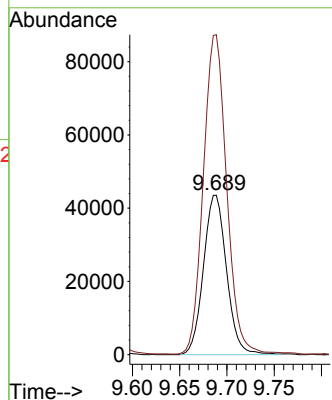
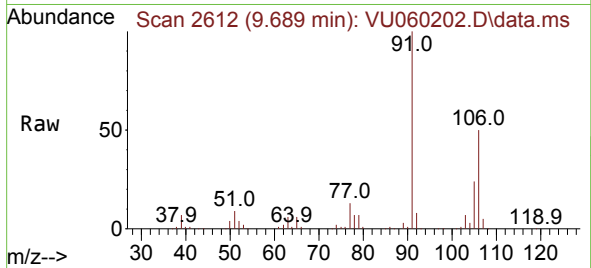




#53
m,p-Xylene
Concen: 26.213 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

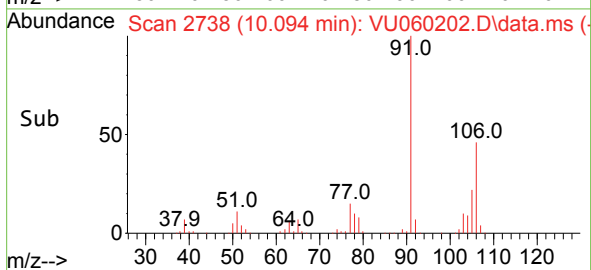
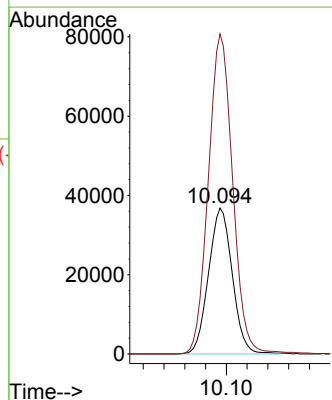
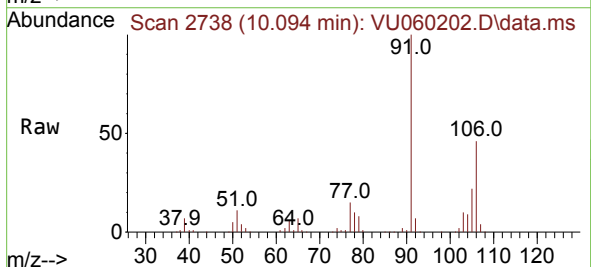
Instrument :
MSVOA_U
ClientSampleId :

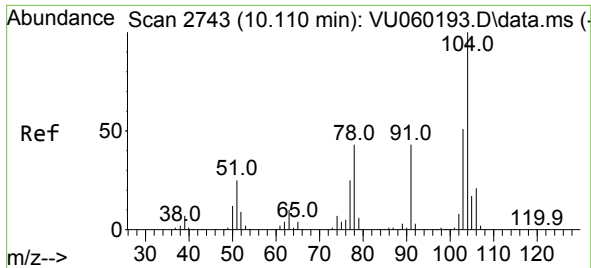
Tgt Ion:106 Resp: 73908
Ion Ratio Lower Upper
106 100
91 200.7 140.9 261.7



#54
o-Xylene
Concen: 21.547 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

Tgt Ion:106 Resp: 58421
Ion Ratio Lower Upper
106 100
91 219.2 147.4 273.8

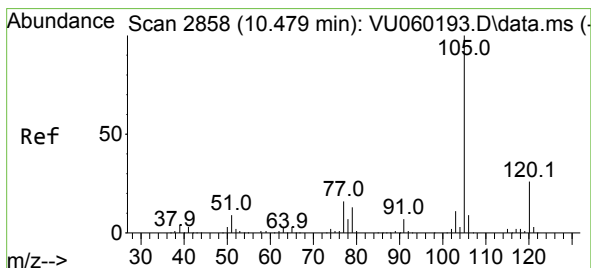
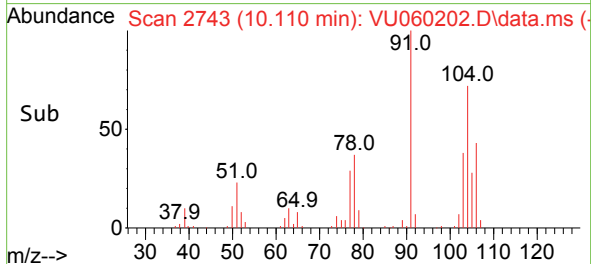
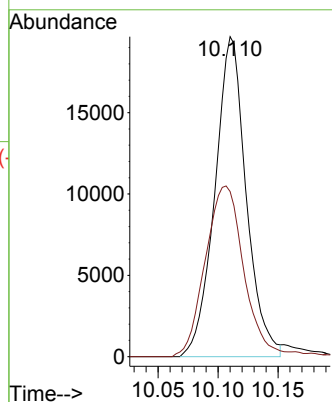
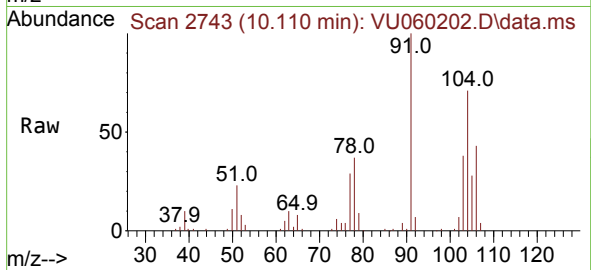




#55
Styrene
Concen: 7.814 ug/L
RT: 10.110 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

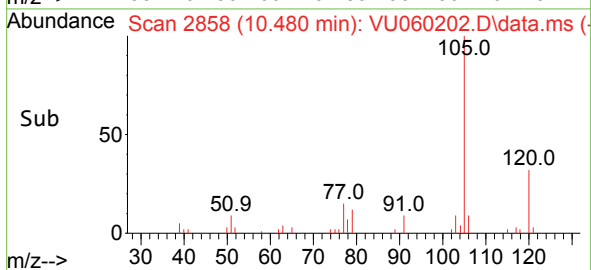
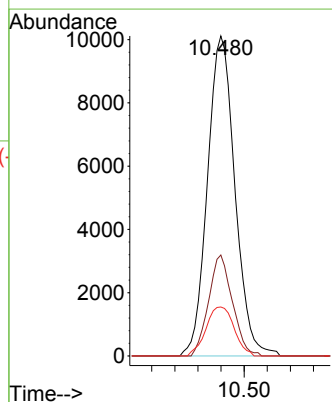
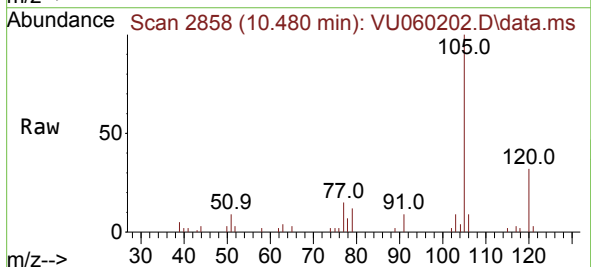
Instrument :
MSVOA_U
ClientSampleId :

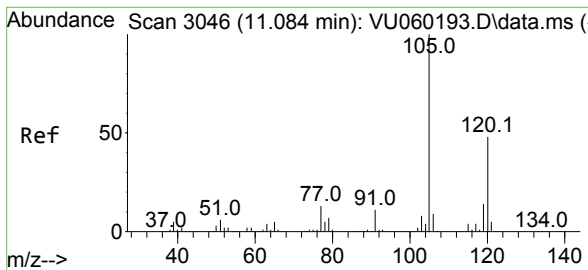
Tgt Ion:104 Resp: 35742
Ion Ratio Lower Upper
104 100
78 51.6 30.9 57.5



#61
Isopropylbenzene
Concen: 2.281 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

Tgt Ion:105 Resp: 16696
Ion Ratio Lower Upper
105 100
120 27.2 20.9 31.3
77 15.7 12.1 18.1

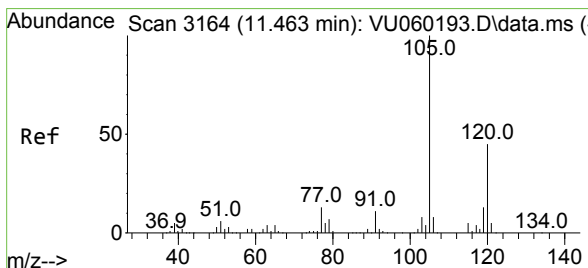
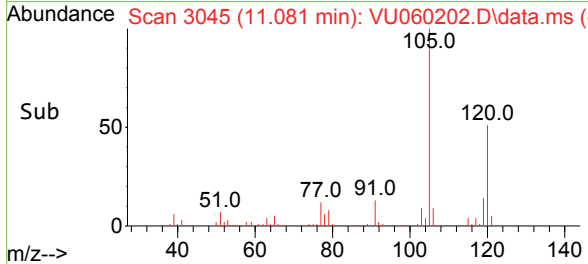
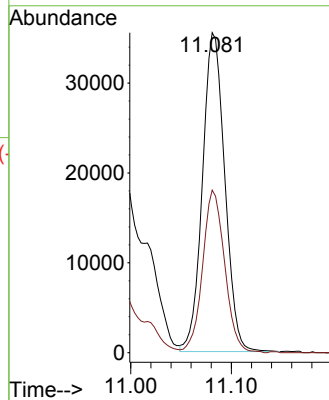
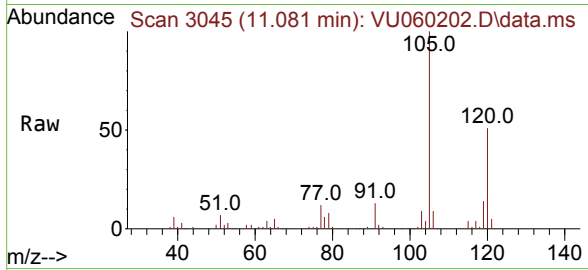




#62
 1,3,5-Trimethylbenzene
 Concen: 10.220 ug/L
 RT: 11.081 min Scan# 3046
 Delta R.T. -0.003 min
 Lab File: VU060202.D
 Acq: 26 Jul 2024 03:48

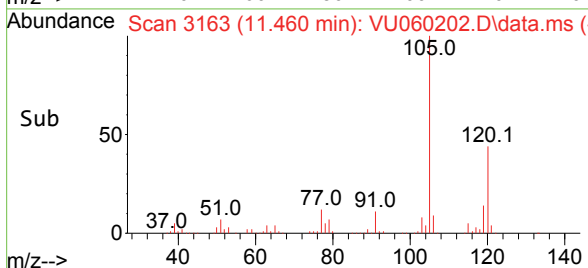
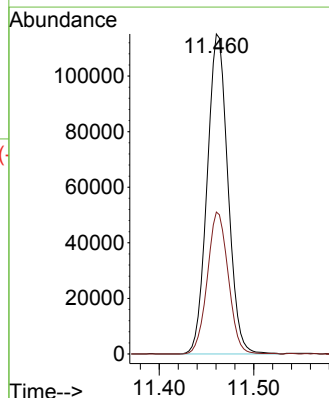
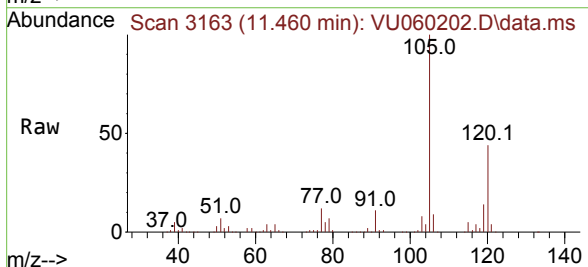
Instrument :
 MSVOA_U
 ClientSampleId :

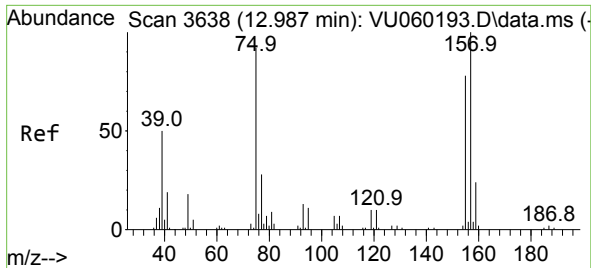
Tgt Ion:105 Resp: 54769
 Ion Ratio Lower Upper
 105 100
 120 50.5 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 30.597 ug/L
 RT: 11.460 min Scan# 3163
 Delta R.T. -0.003 min
 Lab File: VU060202.D
 Acq: 26 Jul 2024 03:48

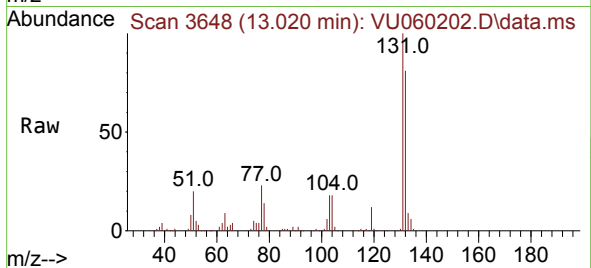
Tgt Ion:105 Resp: 175628
 Ion Ratio Lower Upper
 105 100
 120 44.6 37.0 55.6





#68
 1,2-Dibromo-3-chloropropane
 Concen: 16.343 ug/L
 RT: 13.020 min Scan# 30
 Delta R.T. 0.033 min
 Lab File: VU060202.D
 Acq: 26 Jul 2024 03:48

Instrument :
 MSVOA_U
 ClientSampleId :



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

