

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073124\
 Data File : VX042763.D
 Acq On : 31 Jul 2024 11:20
 Operator : JC/MD
 Sample : P3378-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 01 01:48:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 01:44:51 2024
 Response via : Initial Calibration

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

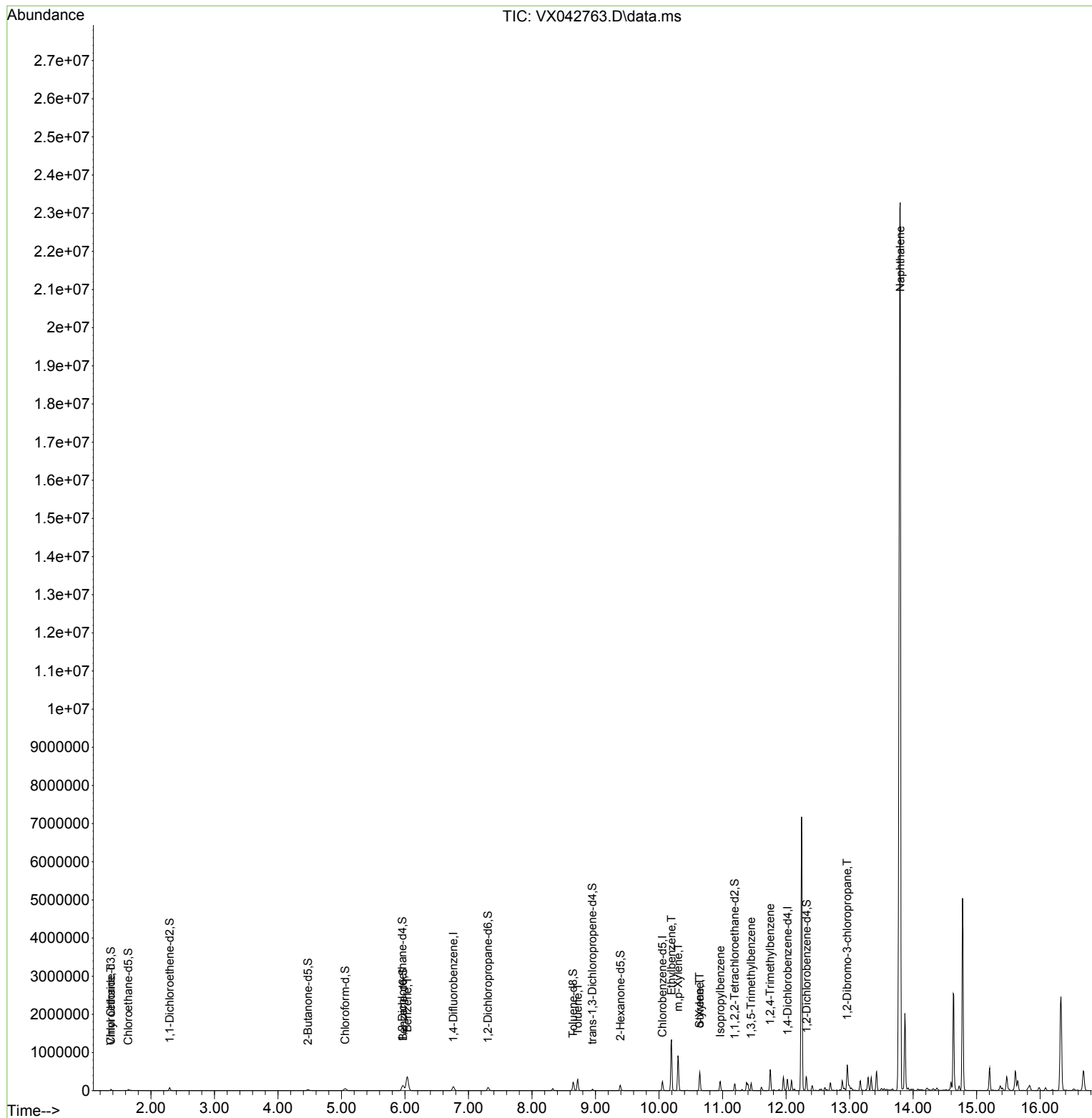
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	108808	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	110369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	58938	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	23545	35.618	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.240%		
7) Chloroethane-d5	1.642	69	14915	54.754	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	109.500%		
11) 1,1-Dichloroethene-d2	2.294	65	13507	41.470	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.940%		
21) 2-Butanone-d5	4.471	46	43858	89.517	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.520%		
24) Chloroform-d	5.056	84	67026	46.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.640%		
26) 1,2-Dichloroethane-d4	5.958	65	45607	48.857	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.720%		
32) Benzene-d6	5.970	84	132752	43.339	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.680%		
36) 1,2-Dichloropropane-d6	7.305	67	39525	43.599	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.200%		
41) Toluene-d8	8.647	98	135795	49.445	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.880%		
43) trans-1,3-Dichloroprop...	8.951	79	19358	45.630	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.260%		
47) 2-Hexanone-d5	9.390	63	45386	111.975	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.980%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	67869	51.996	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.000%		
66) 1,2-Dichlorobenzene-d4	12.323	152	55257	49.609	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.220%		
Target Compounds						Qvalue
8) Chloroethane	1.367	64	2001	7.232	ug/L	92
33) Benzene	6.037	78	457340	135.402	ug/L	100
42) Toluene	8.720	91	194067	55.785	ug/L	97
52) Ethylbenzene	10.195	91	771328	202.148	ug/L	99
53) m,p-Xylene	10.299	106	212797	148.040	ug/L	96
54) o-Xylene	10.640	106	104273	72.922	ug/L	100
55) Styrene	10.640	104	5881	2.467	ug/L #	1
60) Isopropylbenzene	10.963	105	125751	28.237	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	81454	21.992	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	239696	65.542	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.963	75	14638	40.297	ug/L #	2
71) Naphthalene	13.798	128	15437112	3841.350	ug/L #	89

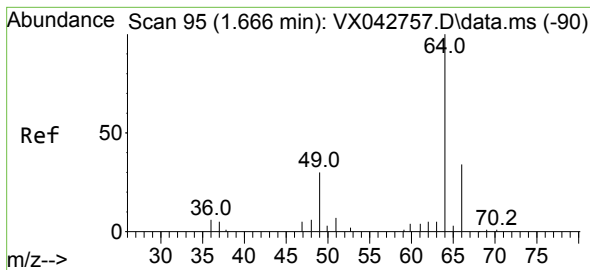
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073124\
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Instrument :
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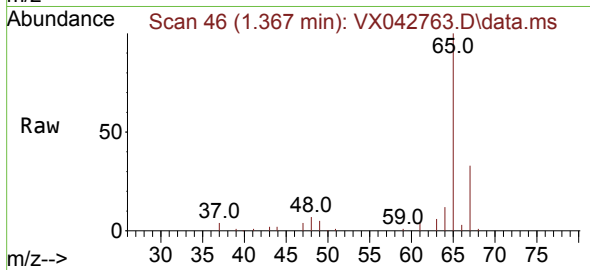
Quant Time: Aug 01 01:48:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
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Response via : Initial Calibration



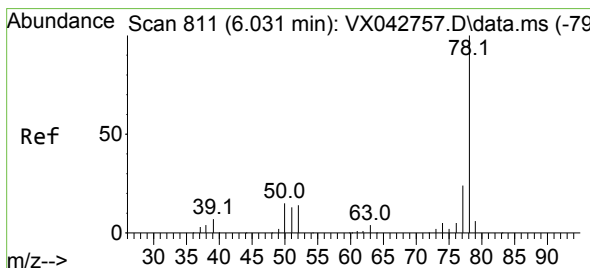
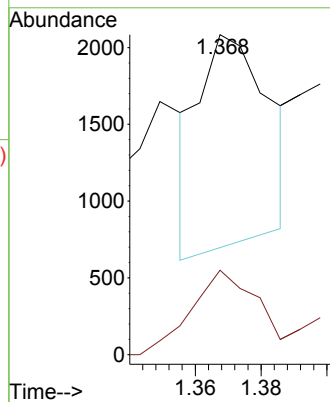
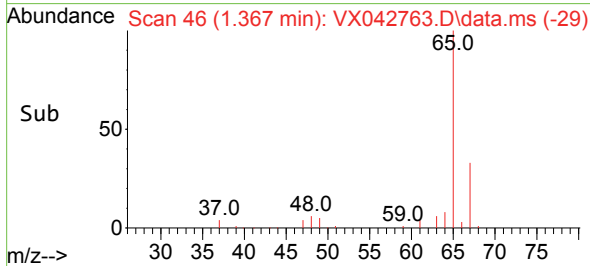


#8
Chloroethane
Concen: 7.232 ug/L
RT: 1.367 min Scan# 41
Delta R.T. -0.299 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :

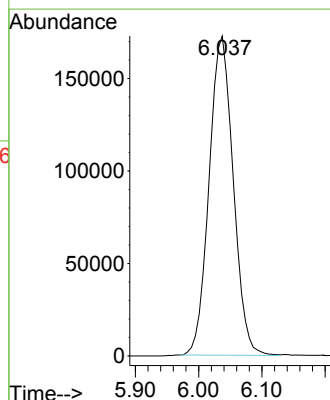
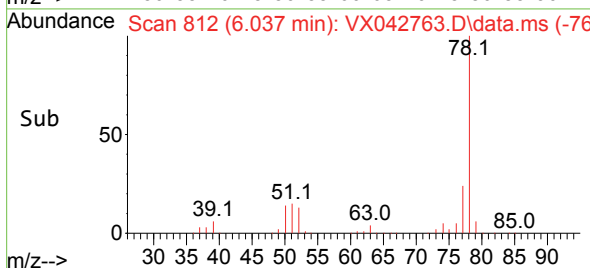
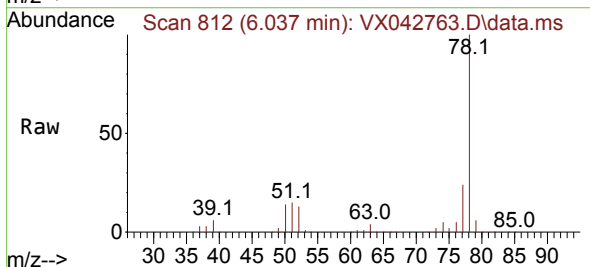


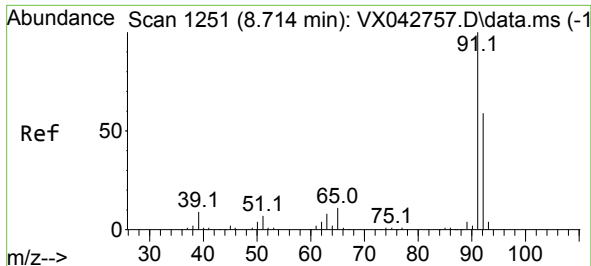
Tgt Ion: 64 Resp: 2001
Ion Ratio Lower Upper
64 100
66 26.4 21.4 39.8



#33
Benzene
Concen: 135.402 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

Tgt Ion: 78 Resp: 457340

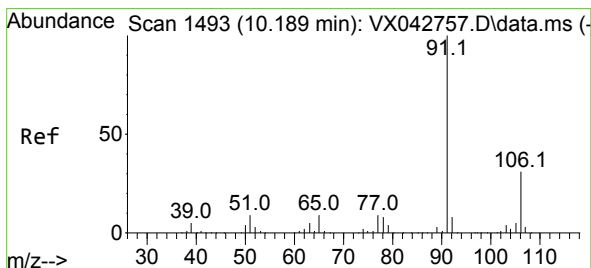
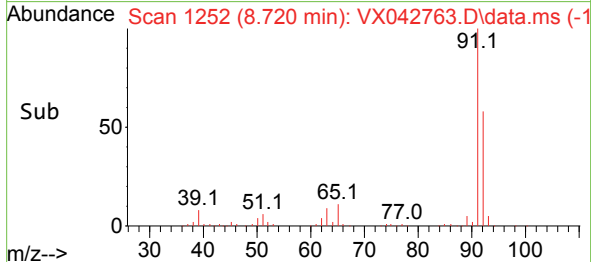
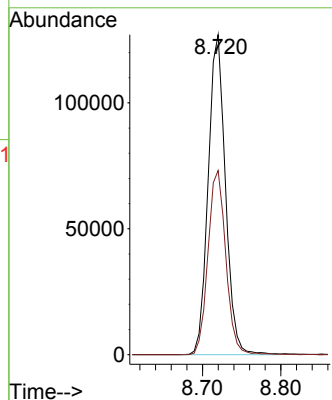
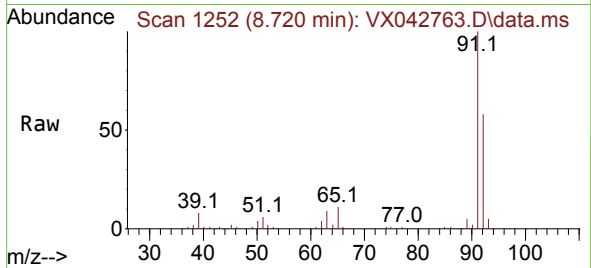




#42
Toluene
Concen: 55.785 ug/L
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

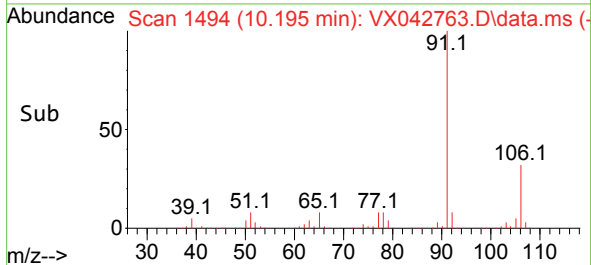
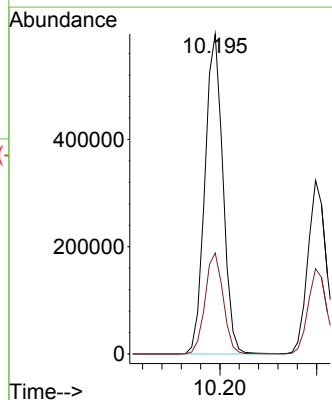
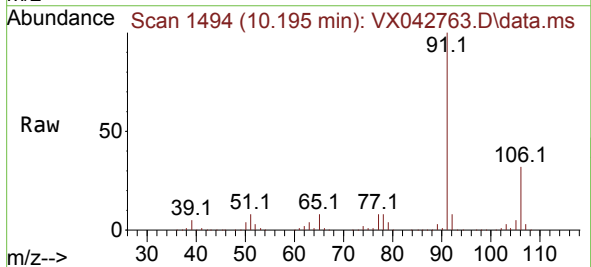
Instrument :
MSVOA_X
ClientSampleId :

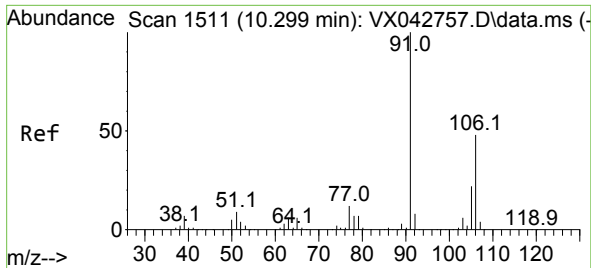
Tgt Ion: 91 Resp: 194067
Ion Ratio Lower Upper
91 100
92 57.6 41.9 77.7



#52
Ethylbenzene
Concen: 202.148 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

Tgt Ion: 91 Resp: 771328
Ion Ratio Lower Upper
91 100
106 31.5 21.8 40.4

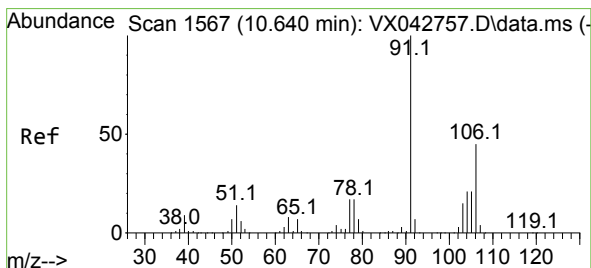
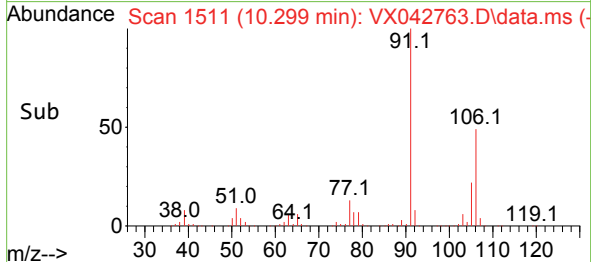
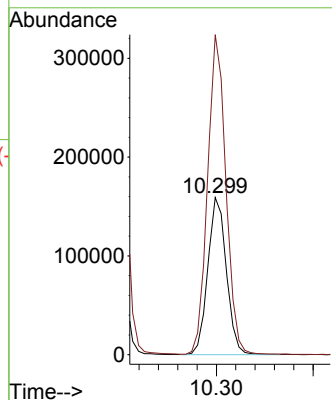
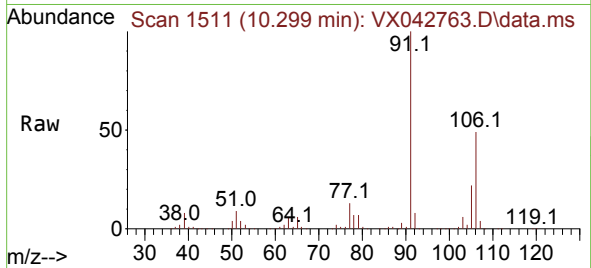




#53
m,p-Xylene
Concen: 148.040 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

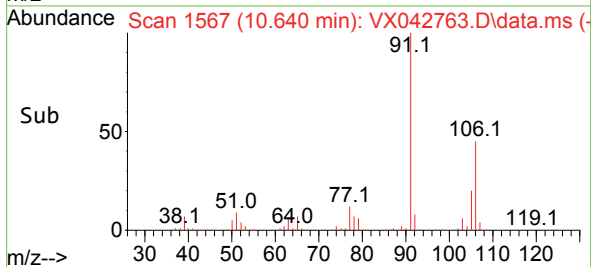
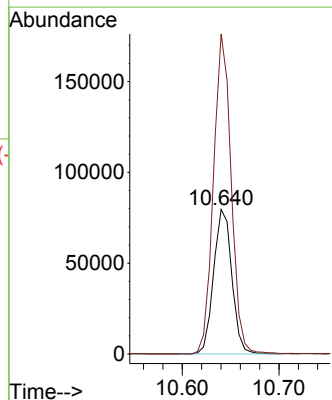
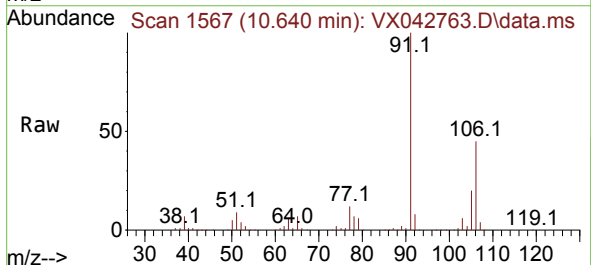
Instrument :
MSVOA_X
ClientSampleId :

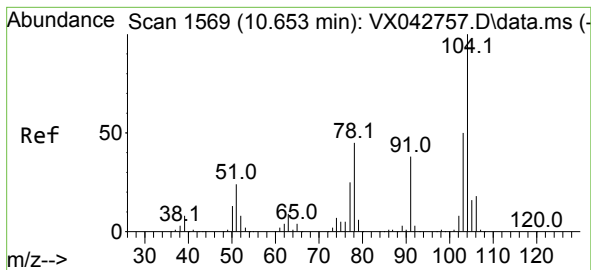
Tgt Ion:106 Resp: 212797
Ion Ratio Lower Upper
106 100
91 203.6 146.8 272.6



#54
o-Xylene
Concen: 72.922 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

Tgt Ion:106 Resp: 104273
Ion Ratio Lower Upper
106 100
91 221.5 154.6 287.2





#55

Styrene

Concen: 2.467 ug/L

RT: 10.640 min Scan# 1569

Delta R.T. -0.012 min

Lab File: VX042763.D

Acq: 31 Jul 2024 11:20

Instrument :

MSVOA_X

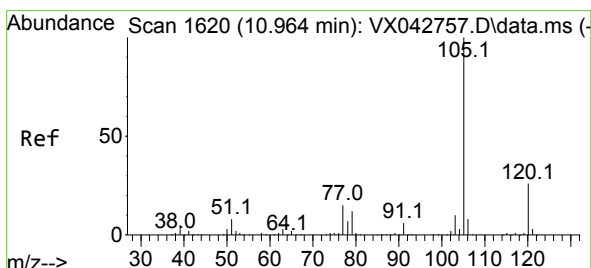
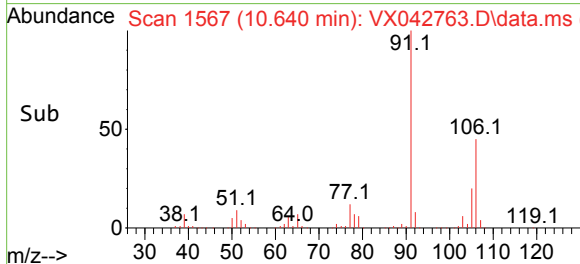
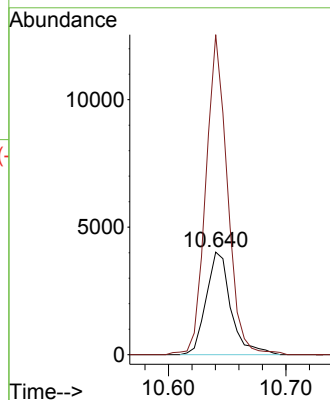
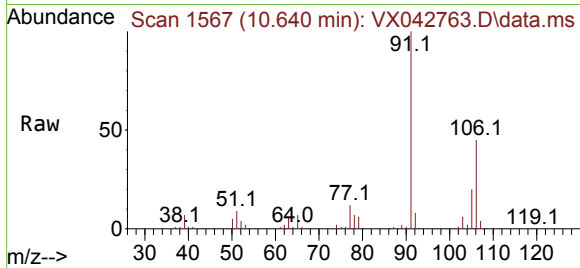
ClientSampleId :

Tgt Ion:104 Resp: 5881

Ion Ratio Lower Upper

104 100

78 311.9 32.6 60.5#



#60

Isopropylbenzene

Concen: 28.237 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX042763.D

Acq: 31 Jul 2024 11:20

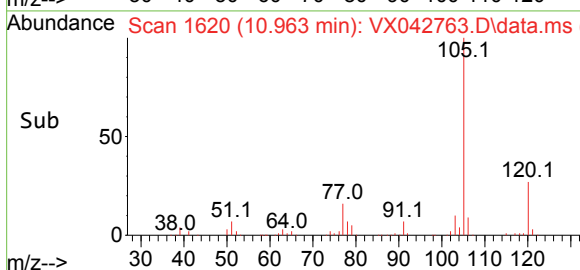
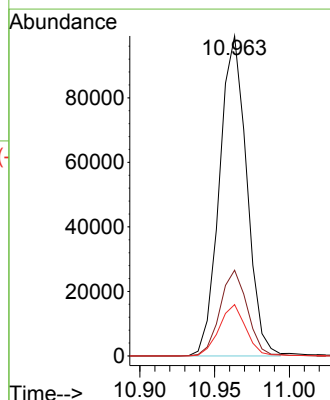
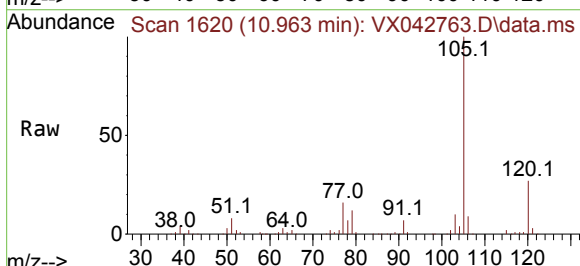
Tgt Ion:105 Resp: 125751

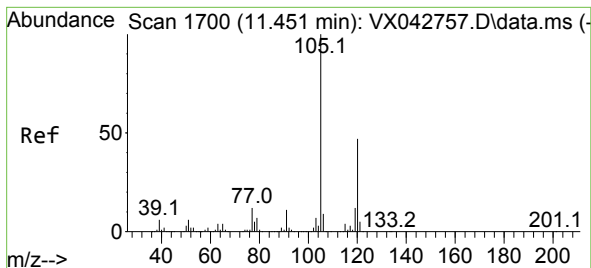
Ion Ratio Lower Upper

105 100

120 27.1 21.0 31.6

77 15.9 12.9 19.3





#62

1,3,5-Trimethylbenzene

Concen: 21.992 ug/L

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042763.D

Acq: 31 Jul 2024 11:20

Instrument :

MSVOA_X

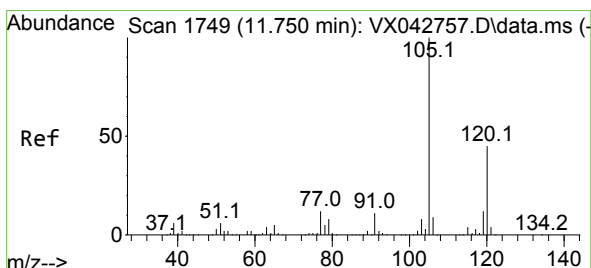
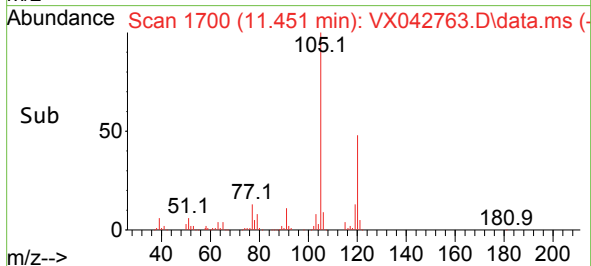
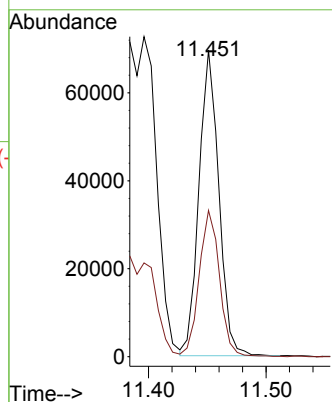
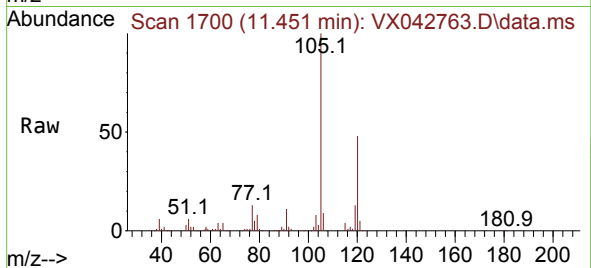
ClientSampleId :

Tgt Ion:105 Resp: 81454

Ion Ratio Lower Upper

105 100

120 49.3 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 65.542 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042763.D

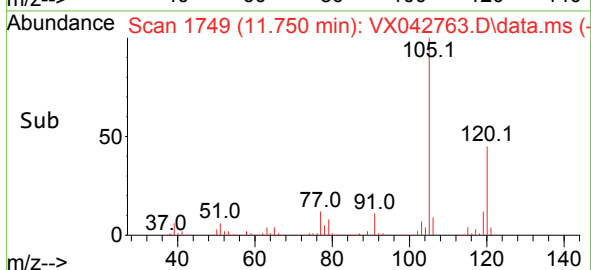
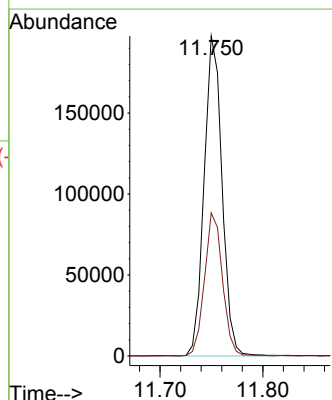
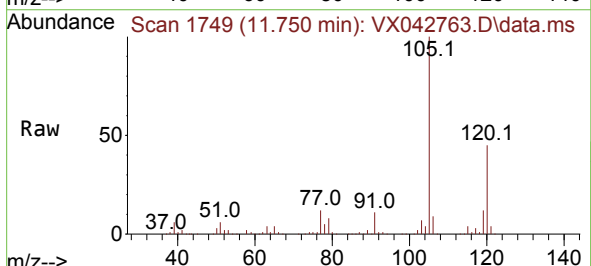
Acq: 31 Jul 2024 11:20

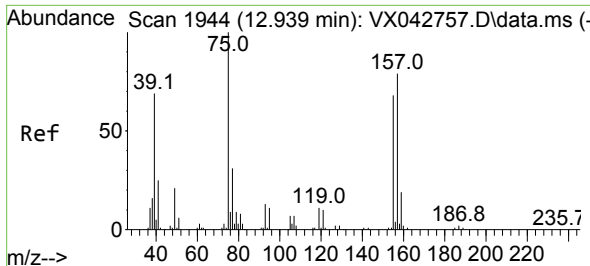
Tgt Ion:105 Resp: 239696

Ion Ratio Lower Upper

105 100

120 44.8 35.2 52.8

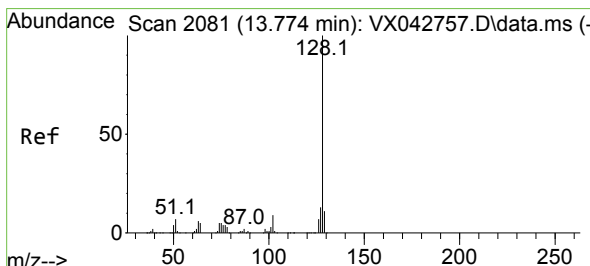
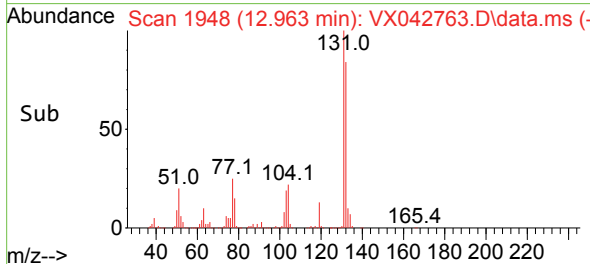
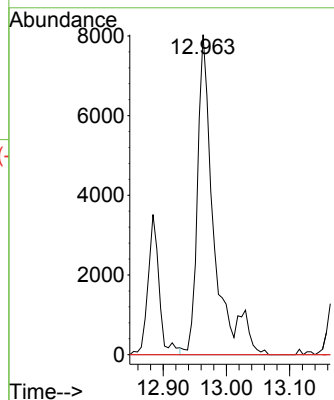
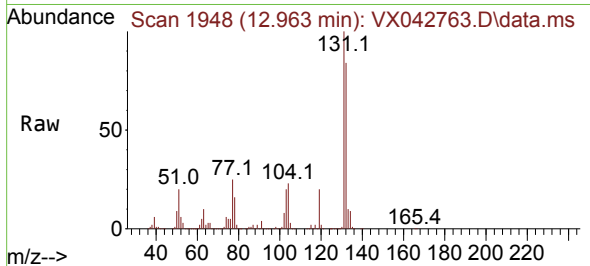




#68
1,2-Dibromo-3-chloropropane
Concen: 40.297 ug/L
RT: 12.963 min Scan# 1948
Delta R.T. 0.024 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 14638
Ion Ratio Lower Upper
75 100
155 0.0 65.1 97.7#
157 0.0 85.8 128.6#



#71
Naphthalene
Concen: 3841.350 ug/L
RT: 13.798 min Scan# 2085
Delta R.T. 0.024 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

Tgt Ion: 128 Resp: 15437112
Ion Ratio Lower Upper
128 100
127 17.3 10.3 15.5#
129 14.9 8.7 13.1#

