

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073124\
 Data File : VX042765.D
 Acq On : 31 Jul 2024 12:07
 Operator : JC/MD
 Sample : P3378-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 01 01:49:05 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)

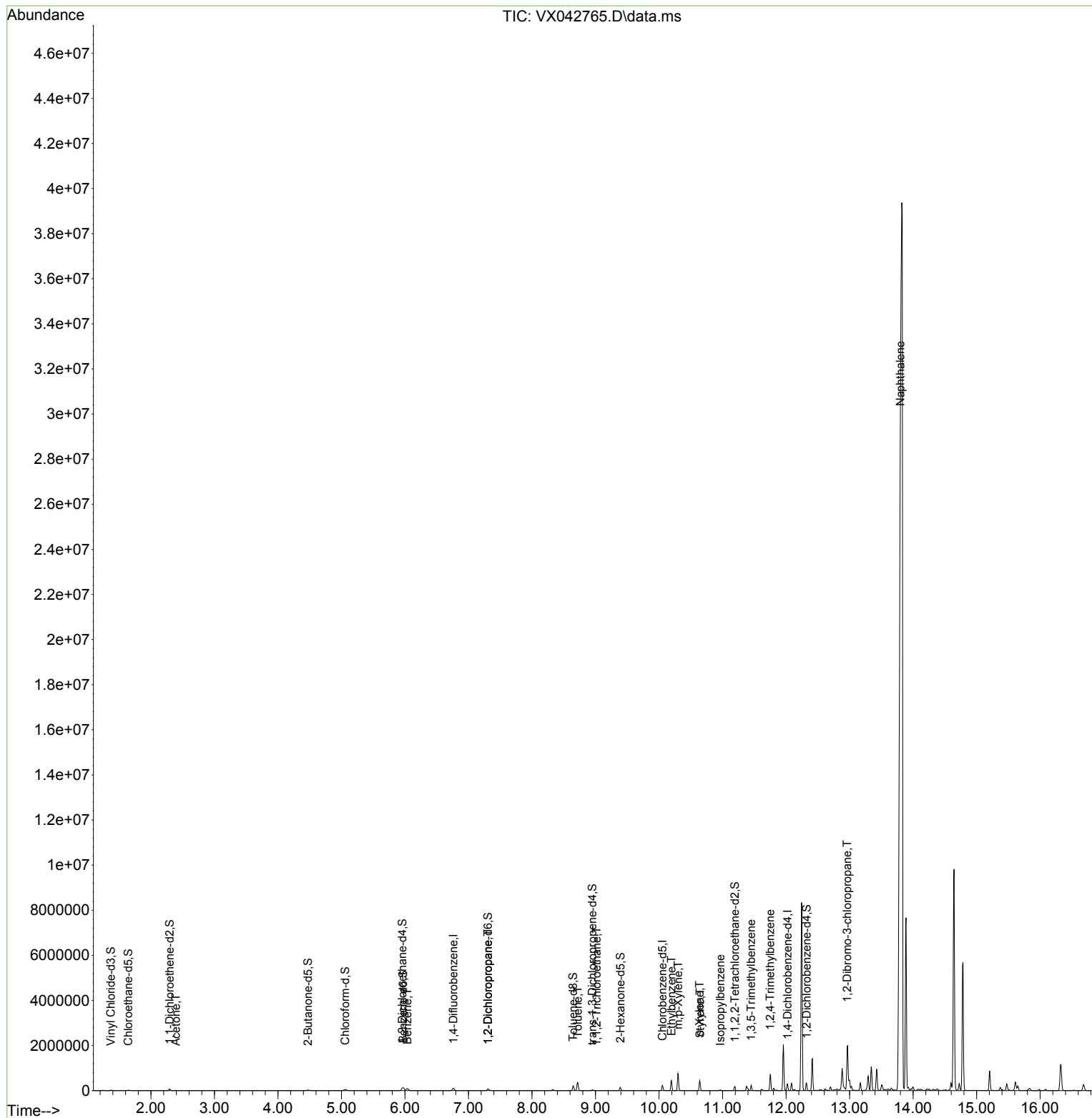
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	110302	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	113565	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	59591	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24356	36.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.700%
7) Chloroethane-d5	1.642	69	14904	53.973	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.940%
11) 1,1-Dichloroethene-d2	2.294	65	13145	39.812	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.620%
21) 2-Butanone-d5	4.471	46	49015	98.688	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.690%
24) Chloroform-d	5.056	84	67171	45.795	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.580%
26) 1,2-Dichloroethane-d4	5.958	65	46438	49.074	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.140%
32) Benzene-d6	5.970	84	134641	42.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.440%
36) 1,2-Dichloropropane-d6	7.306	67	37754	40.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.940%
41) Toluene-d8	8.647	98	130277	46.101	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.952	79	18807	43.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.160%
47) 2-Hexanone-d5	9.391	63	46444	111.361	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.360%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	72343	53.864	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.720%
66) 1,2-Dichlorobenzene-d4	12.323	152	56140	49.849	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.700%
Target Compounds						
					Qvalue	
13) Acetone	2.392	43	3111	8.013	ug/L	92
33) Benzene	6.038	78	114025	32.809	ug/L	100
37) 1,2-Dichloropropane	7.306	63	4839	5.357	ug/L #	86
42) Toluene	8.720	91	256962	71.786	ug/L	97
45) 1,1,2-Trichloroethane	9.019	97	1469	1.610	ug/L #	22
52) Ethylbenzene	10.195	91	257183	65.505	ug/L	96
53) m,p-Xylene	10.299	106	173083	117.023	ug/L	99
54) o-Xylene	10.640	106	95391	64.833	ug/L	98
55) Styrene	10.646	104	8487	3.460	ug/L #	1
60) Isopropylbenzene	10.963	105	18661	4.144	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	100099	26.730	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	306458	82.879	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.963	75	46904	127.707	ug/L #	2
71) Naphthalene	13.798	128	4077307	1003.474	ug/L #	1

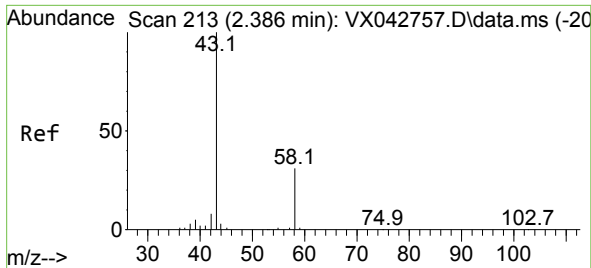
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 01 01:44:51 2024
Response via : Initial Calibration





#13

Acetone

Concen: 8.013 ug/L

RT: 2.392 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX042765.D

Acq: 31 Jul 2024 12:07

Instrument :

MSVOA_X

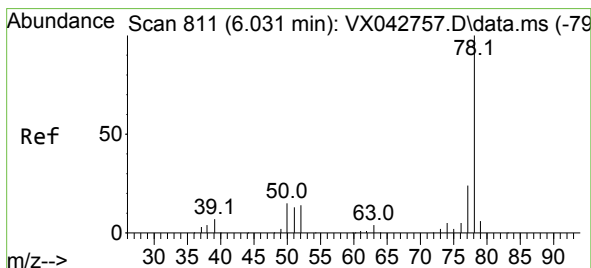
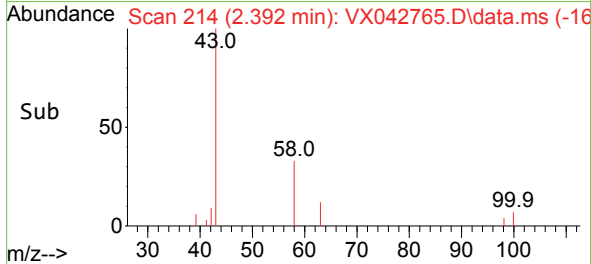
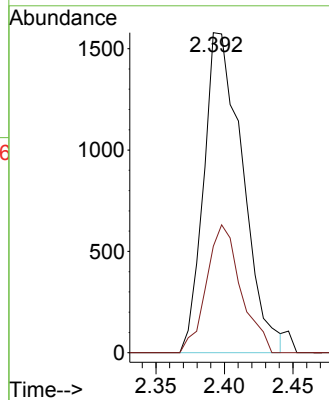
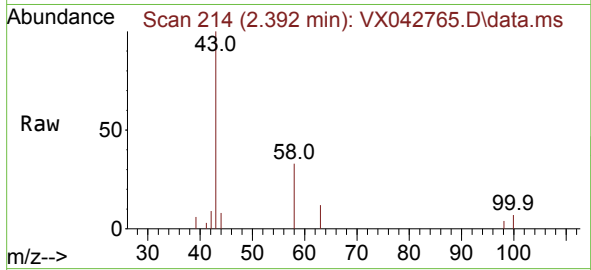
ClientSampleId :

Tgt Ion: 43 Resp: 3111

Ion Ratio Lower Upper

43 100

58 35.5 0.0 62.4



#33

Benzene

Concen: 32.809 ug/L

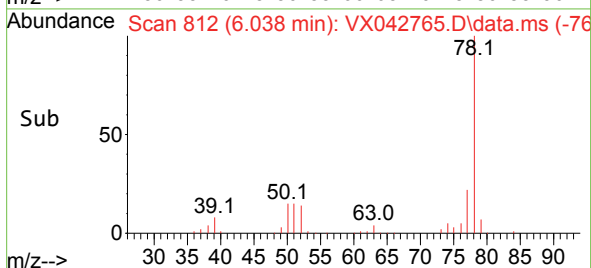
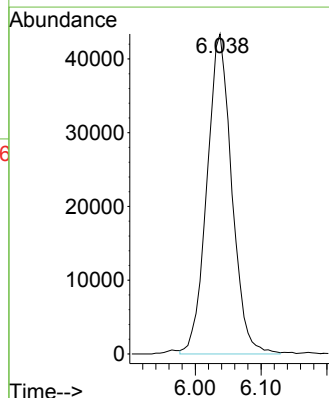
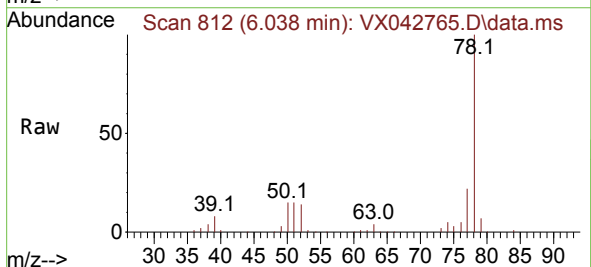
RT: 6.038 min Scan# 812

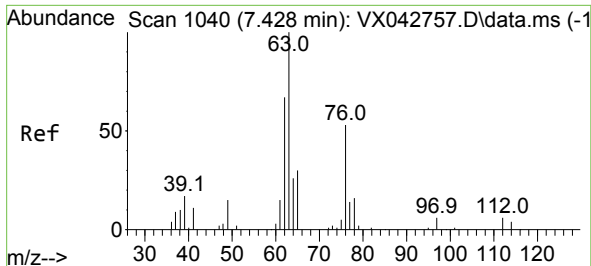
Delta R.T. 0.006 min

Lab File: VX042765.D

Acq: 31 Jul 2024 12:07

Tgt Ion: 78 Resp: 114025





#37

1,2-Dichloropropane

Concen: 5.357 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX042765.D

Acq: 31 Jul 2024 12:07

Instrument :

MSVOA_X

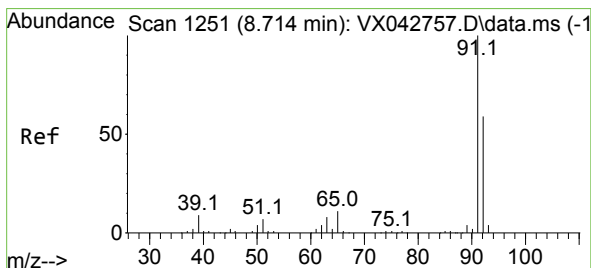
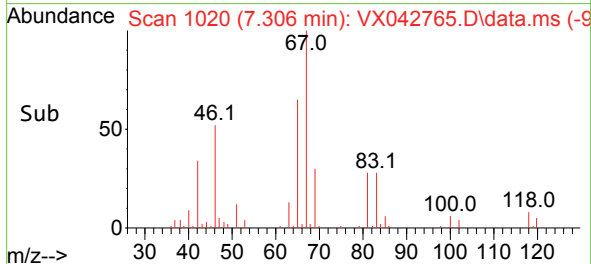
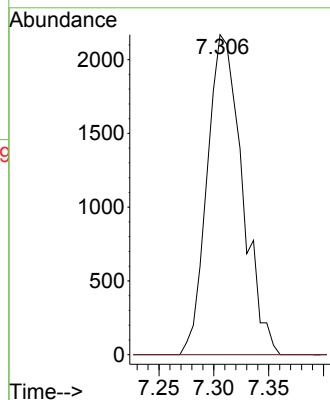
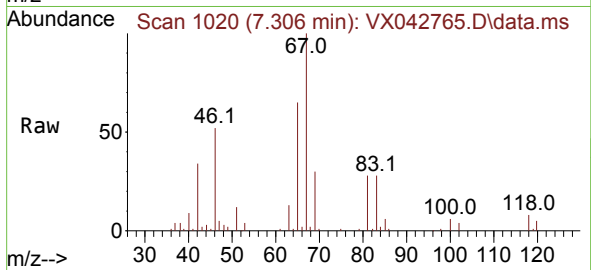
ClientSampleId :

Tgt Ion: 63 Resp: 4839

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#42

Toluene

Concen: 71.786 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX042765.D

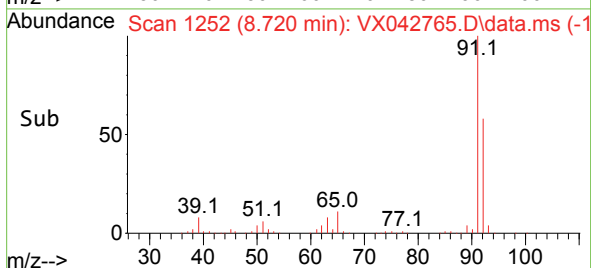
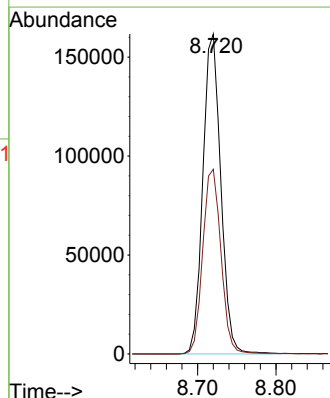
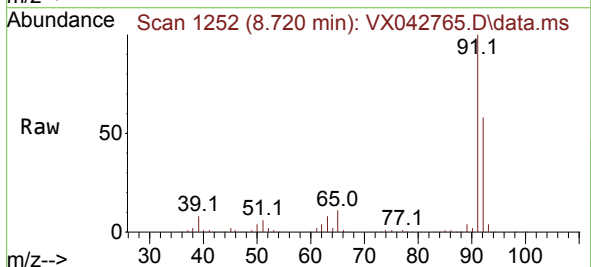
Acq: 31 Jul 2024 12:07

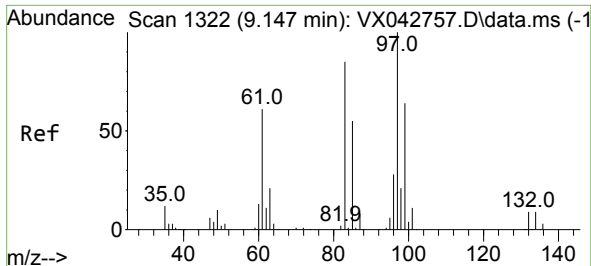
Tgt Ion: 91 Resp: 256962

Ion Ratio Lower Upper

91 100

92 57.7 41.9 77.7





#45

1,1,2-Trichloroethane

Concen: 1.610 ug/L

RT: 9.019 min Scan# 1

Delta R.T. -0.128 min

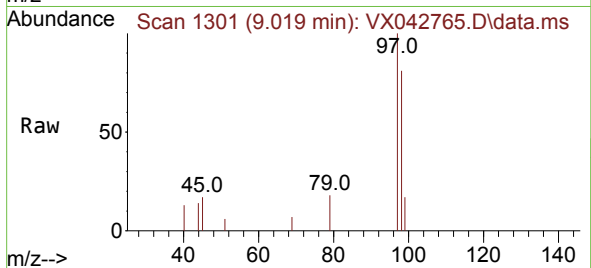
Lab File: VX042765.D

Acq: 31 Jul 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 97 Resp: 1469

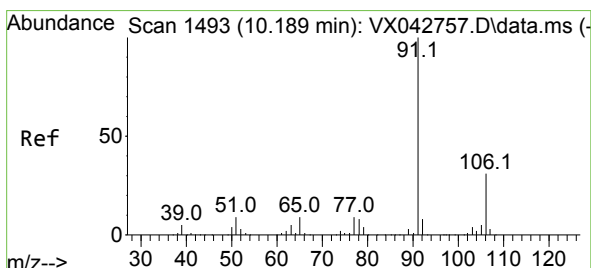
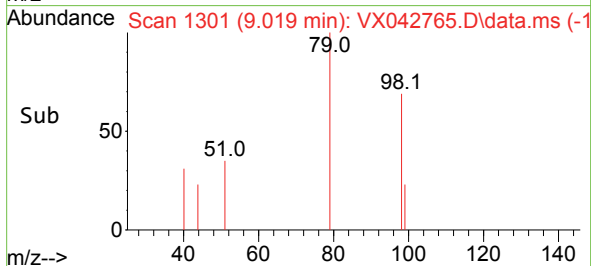
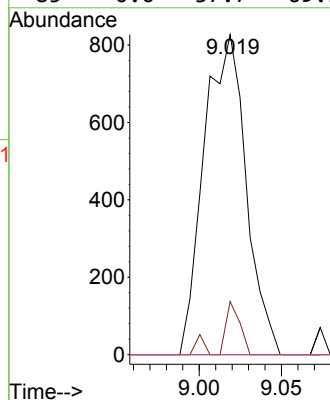
Ion Ratio Lower Upper

97 100

99 16.6 42.6 79.2#

83 0.0 59.3 110.1#

85 0.0 37.7 69.9#



#52

Ethylbenzene

Concen: 65.505 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX042765.D

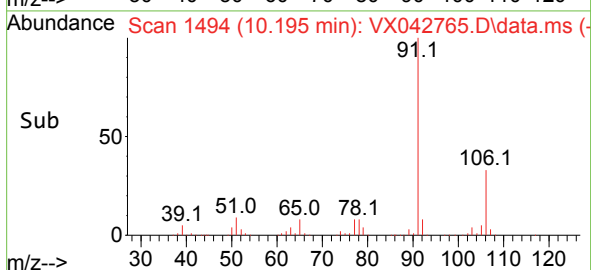
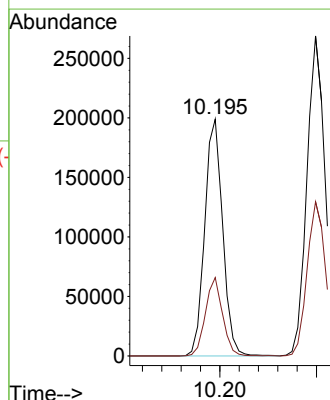
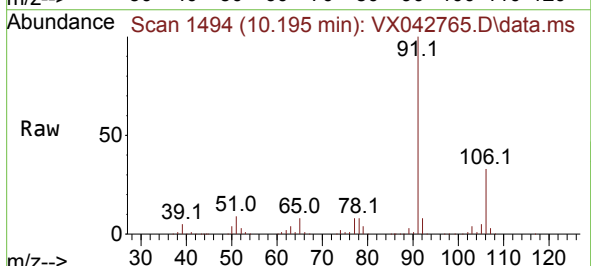
Acq: 31 Jul 2024 12:07

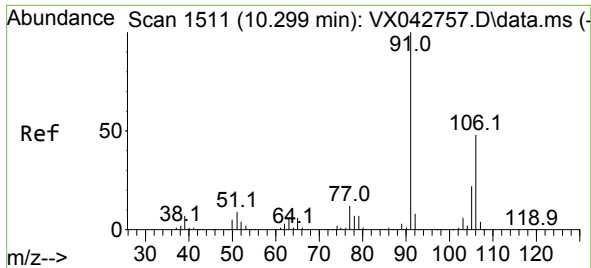
Tgt Ion: 91 Resp: 257183

Ion Ratio Lower Upper

91 100

106 33.1 21.8 40.4

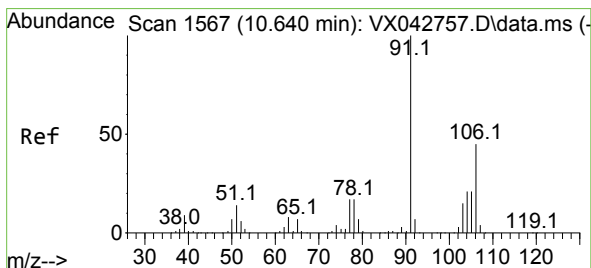
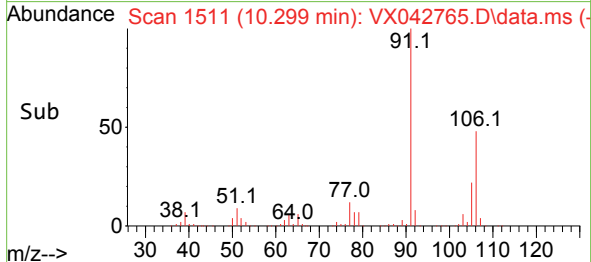
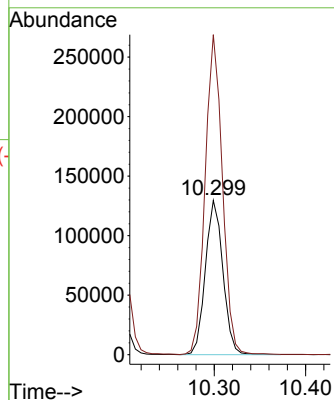
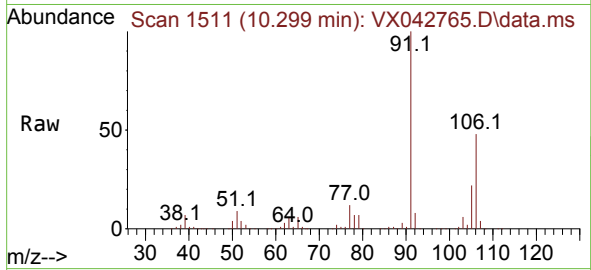




#53
m,p-Xylene
Concen: 117.023 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042765.D
Acq: 31 Jul 2024 12:07

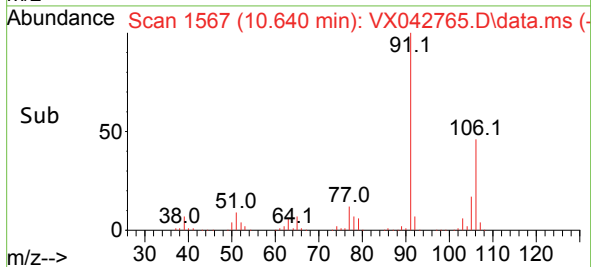
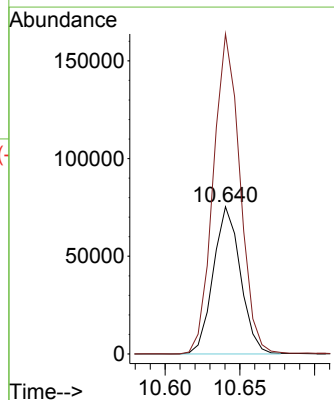
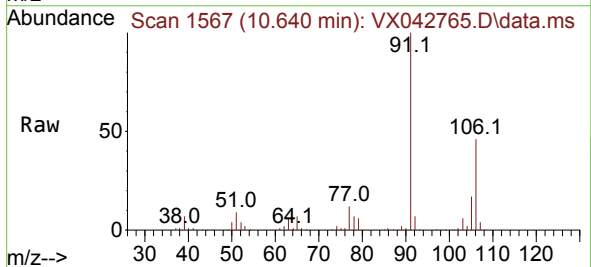
Instrument :
MSVOA_X
ClientSampleId :

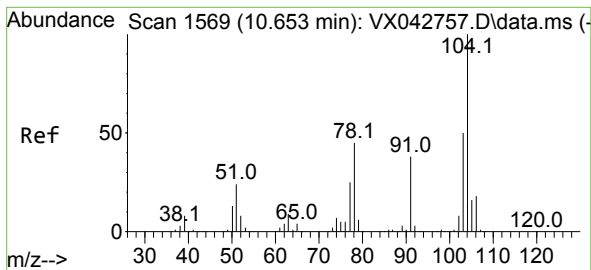
Tgt Ion:106 Resp: 173083
Ion Ratio Lower Upper
106 100
91 207.4 146.8 272.6



#54
o-Xylene
Concen: 64.833 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042765.D
Acq: 31 Jul 2024 12:07

Tgt Ion:106 Resp: 95391
Ion Ratio Lower Upper
106 100
91 217.3 154.6 287.2





#55

Styrene

Concen: 3.460 ug/L

RT: 10.646 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX042765.D

Acq: 31 Jul 2024 12:07

Instrument :

MSVOA_X

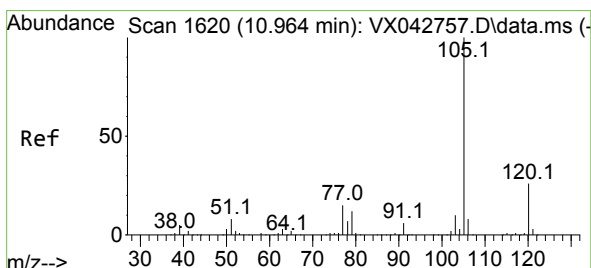
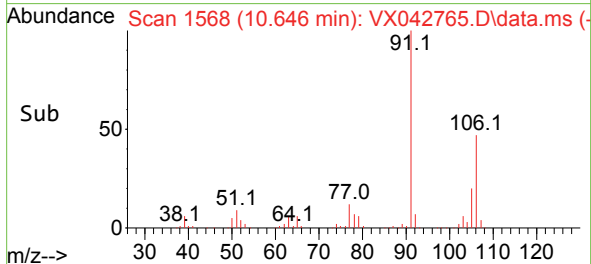
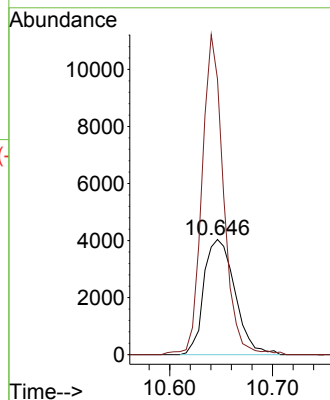
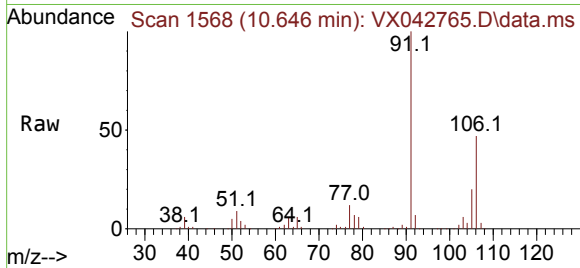
ClientSampleId :

Tgt Ion:104 Resp: 8487

Ion Ratio Lower Upper

104 100

78 239.3 32.6 60.5#



#60

Isopropylbenzene

Concen: 4.144 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX042765.D

Acq: 31 Jul 2024 12:07

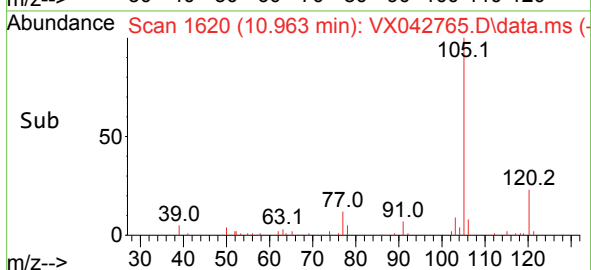
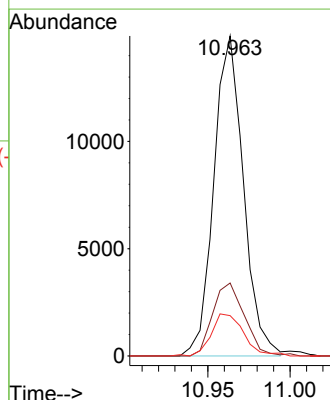
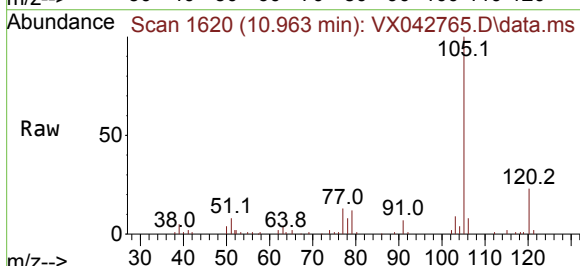
Tgt Ion:105 Resp: 18661

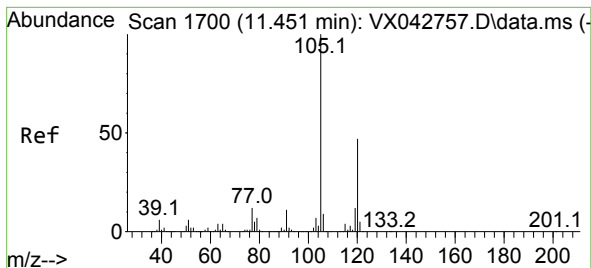
Ion Ratio Lower Upper

105 100

120 24.3 21.0 31.6

77 14.1 12.9 19.3





#62

1,3,5-Trimethylbenzene

Concen: 26.730 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042765.D

Acq: 31 Jul 2024 12:07

Instrument :

MSVOA_X

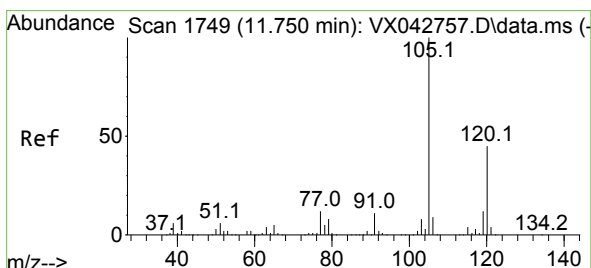
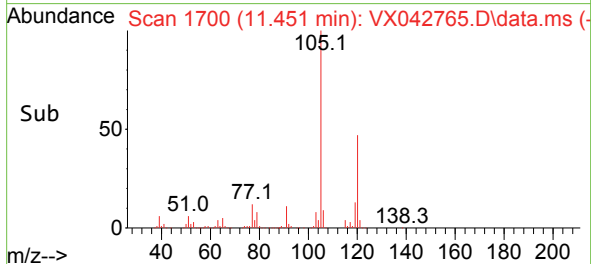
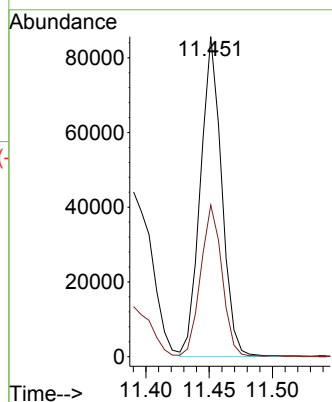
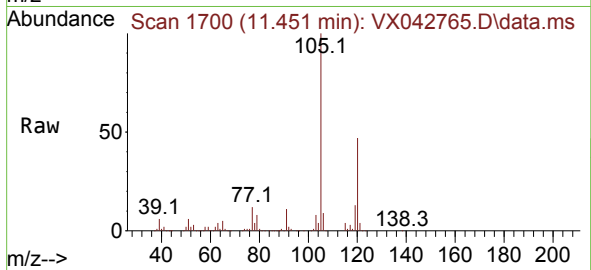
ClientSampleId :

Tgt Ion:105 Resp: 100099

Ion Ratio Lower Upper

105 100

120 47.7 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 82.879 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042765.D

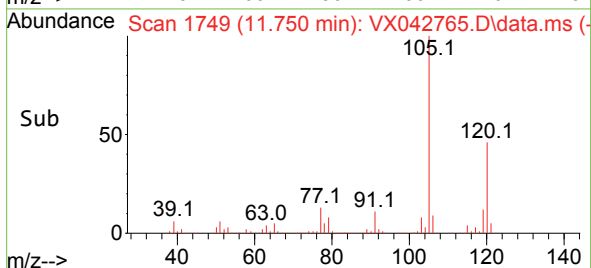
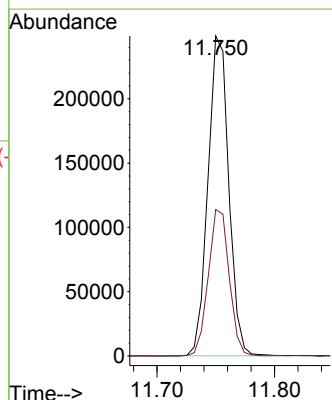
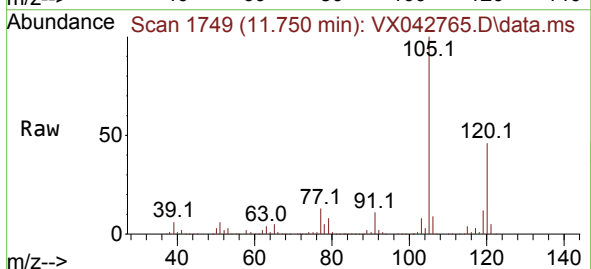
Acq: 31 Jul 2024 12:07

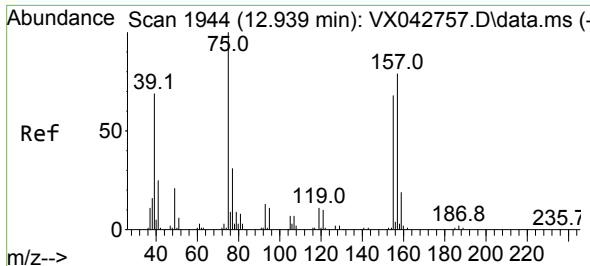
Tgt Ion:105 Resp: 306458

Ion Ratio Lower Upper

105 100

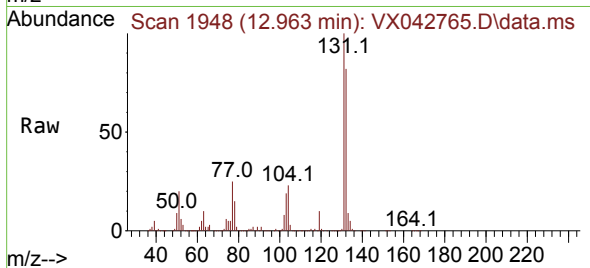
120 46.1 35.2 52.8



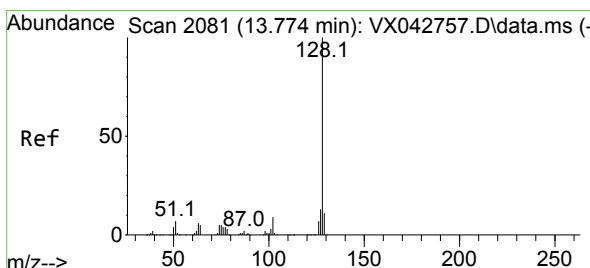
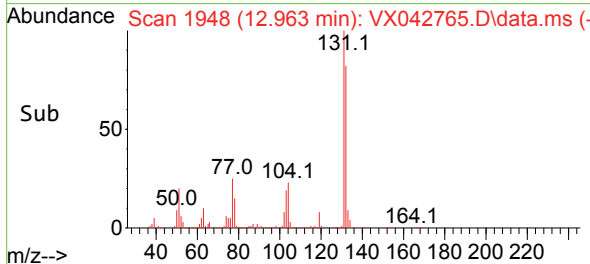
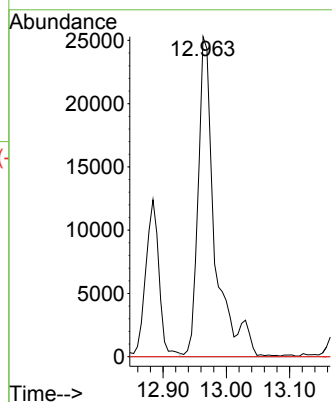


#68
1,2-Dibromo-3-chloropropane
Concen: 127.707 ug/L
RT: 12.963 min Scan# 1948
Delta R.T. 0.024 min
Lab File: VX042765.D
Acq: 31 Jul 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 46904
Ion Ratio Lower Upper
75 100
155 0.0 65.1 97.7#
157 0.0 85.8 128.6#



#71
Naphthalene
Concen: 1003.474 ug/L
RT: 13.798 min Scan# 2085
Delta R.T. 0.024 min
Lab File: VX042765.D
Acq: 31 Jul 2024 12:07

Tgt Ion: 128 Resp: 4077307
Ion Ratio Lower Upper
128 100
127 213.5 10.3 15.5#
129 186.5 8.7 13.1#

