

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041705.D
 Acq On : 03 Jun 2024 15:30
 Operator : JC/MD
 Sample : P2691-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RINSATE-2

Quant Time: Jun 04 00:49:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

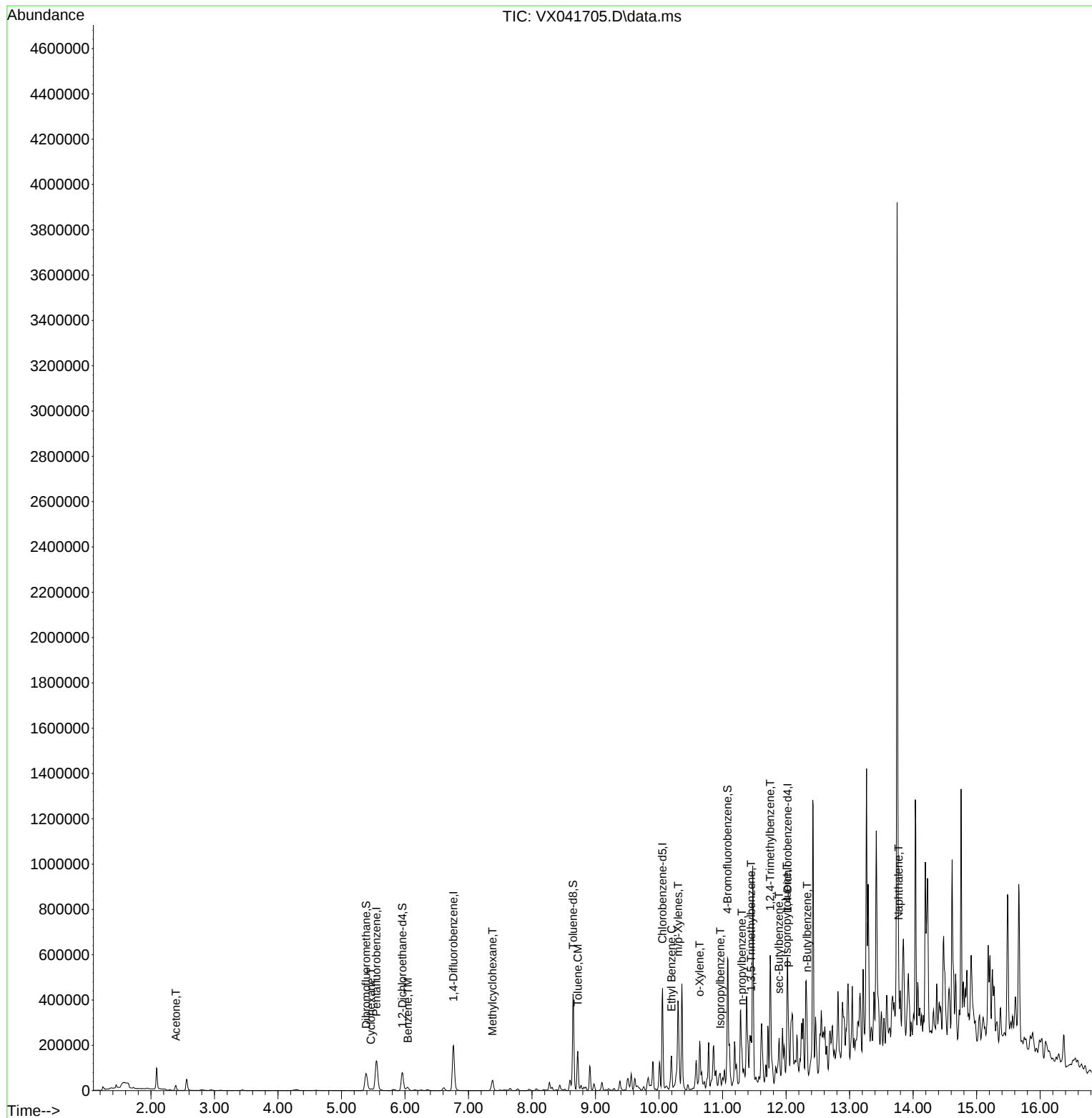
Internal Standards						
1) Pentafluorobenzene	5.549	168	138676	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	209870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78489	46.148	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.300%
35) Dibromofluoromethane	5.385	113	66196	45.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.240%
50) Toluene-d8	8.646	98	249181	49.147	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	100564	53.741	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.480%
Target Compounds						
						Qvalue
16) Acetone	2.391	43	23979	29.494	ug/l	98
31) Cyclohexane	5.464	56	4708	2.345	ug/l	92
39) Methylcyclohexane	7.378	83	19452	9.012	ug/l	95
40) Benzene	6.043	78	17324	3.155	ug/l	99
52) Toluene	8.720	92	66066	18.956	ug/l	96
67) Ethyl Benzene	10.195	91	72729	10.239	ug/l	99
68) m/p-Xylenes	10.299	106	86289	30.536	ug/l	96
69) o-Xylene	10.640	106	44840	15.951	ug/l	97
73) Isopropylbenzene	10.963	105	22620	3.169	ug/l	96
78) n-propylbenzene	11.305	91	68234	8.706	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	61976	10.400	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	226819	37.566	ug/l	91
85) sec-Butylbenzene	11.890	105	33333	4.529	ug/l	85
86) p-Isopropyltoluene	12.012	119	18875	2.924	ug/l	95
89) n-Butylbenzene	12.329	91	55318	10.826	ug/l	# 48
95) Naphthalene	13.774	128	31871	4.276	ug/l	# 90

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

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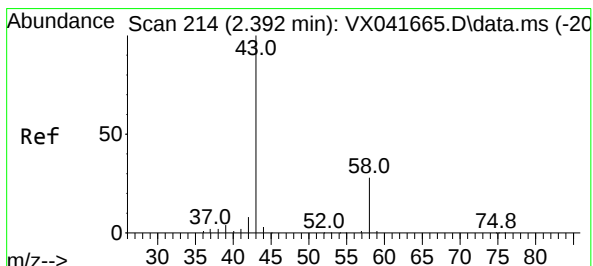
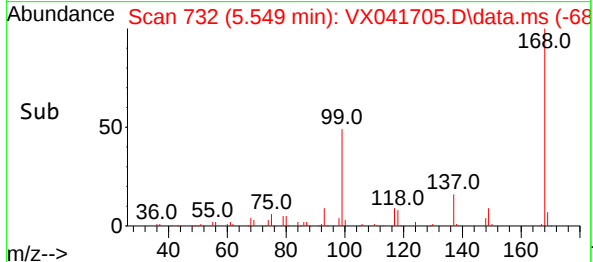
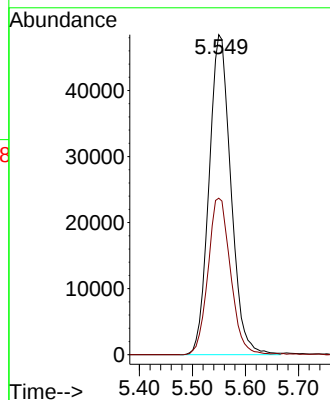
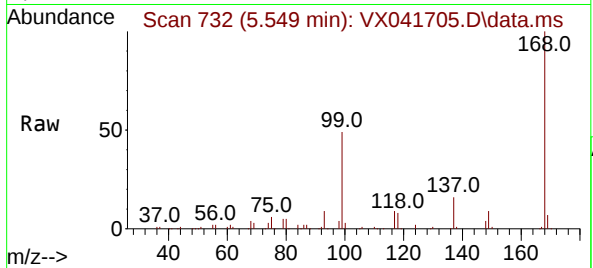




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX041705.D
Acq: 03 Jun 2024 15:30

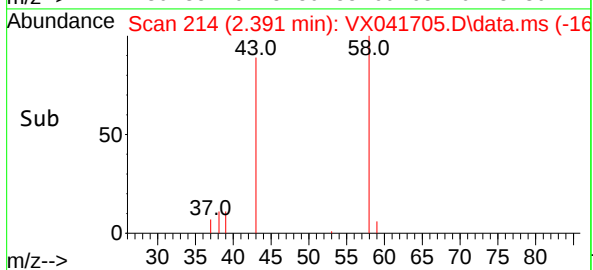
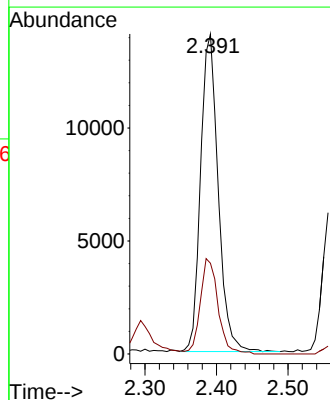
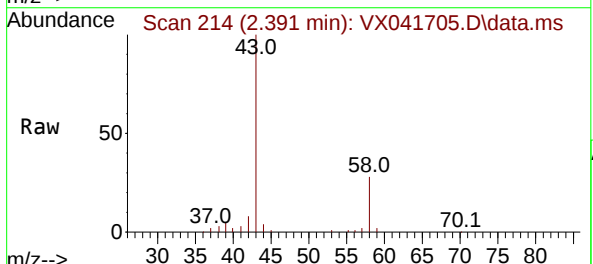
Instrument :
MSVOA_X
ClientSampleId :
RINSATE-2

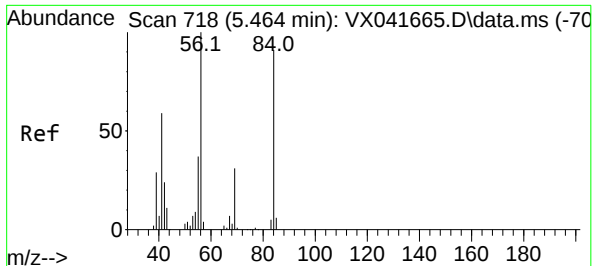
Tgt Ion:168 Resp: 138676
Ion Ratio Lower Upper
168 100
99 48.9 56.6 85.0#



#16
Acetone
Concen: 29.494 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX041705.D
Acq: 03 Jun 2024 15:30

Tgt Ion: 43 Resp: 23979
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9

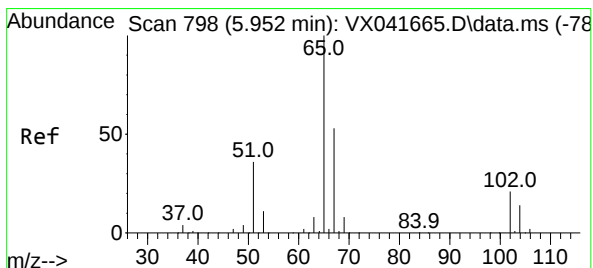
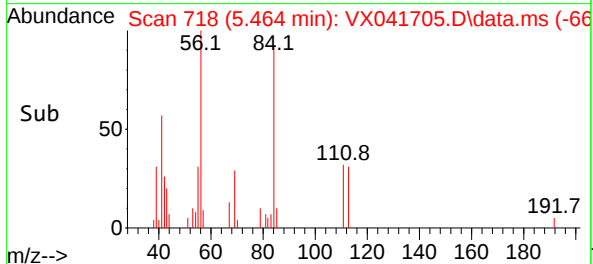
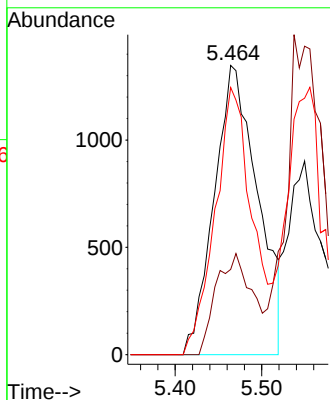
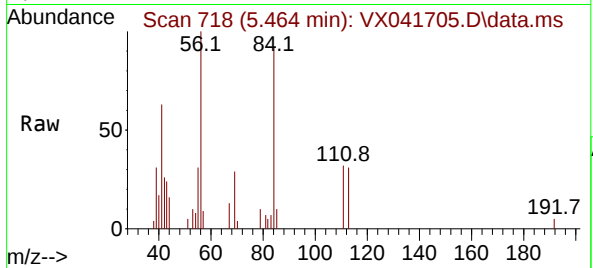




#31
Cyclohexane
Concen: 2.345 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX041705.D
Acq: 03 Jun 2024 15:30

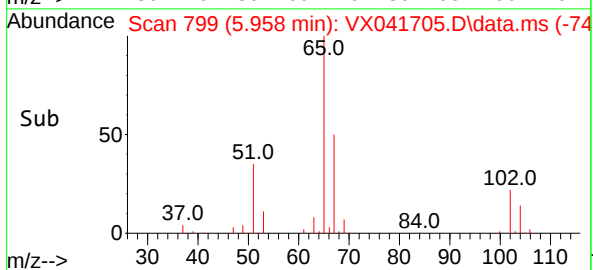
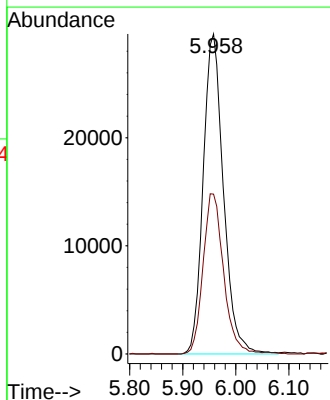
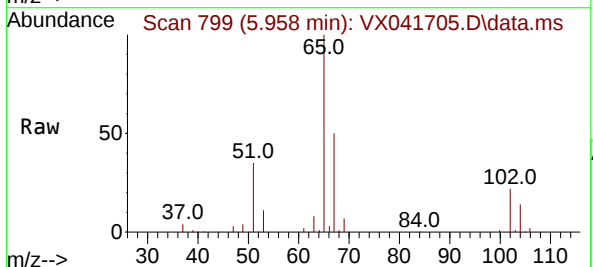
Instrument :
MSVOA_X
ClientSampleId :
RINSATE-2

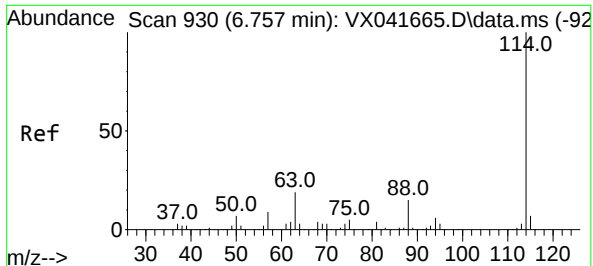
Tgt Ion: 56 Resp: 4708
Ion Ratio Lower Upper
56 100
69 29.5 23.4 35.2
84 92.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 46.148 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041705.D
Acq: 03 Jun 2024 15:30

Tgt Ion: 65 Resp: 78489
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

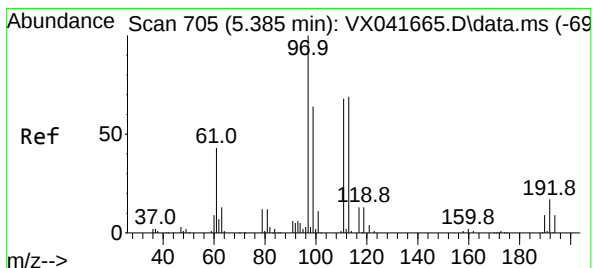
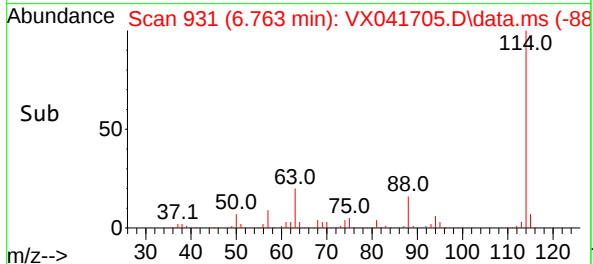
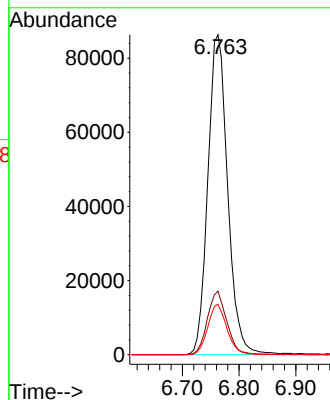
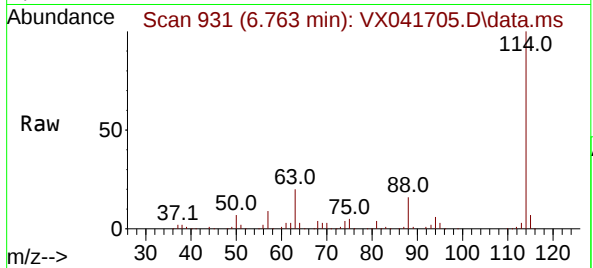




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX041705.D
Acq: 03 Jun 2024 15:30

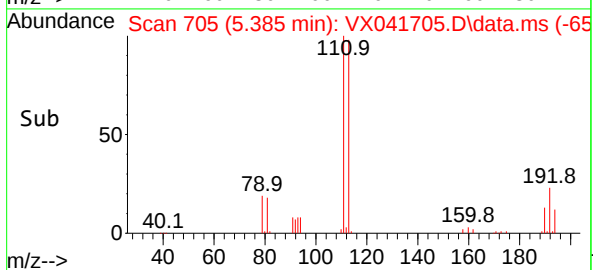
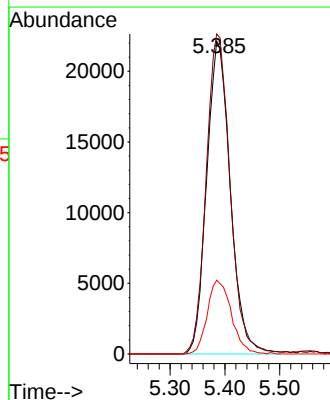
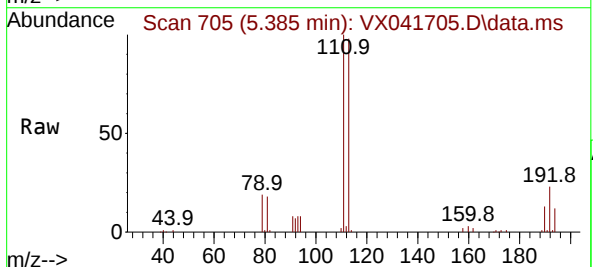
Instrument :
MSVOA_X
ClientSampleId :
RINSATE-2

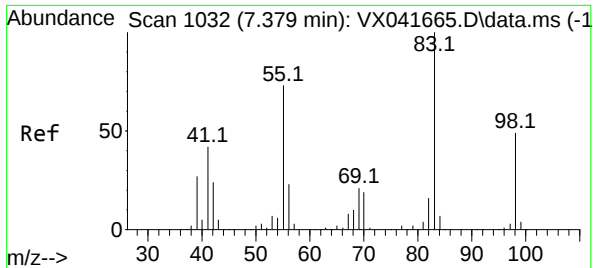
Tgt Ion:114 Resp: 209870
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.620 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041705.D
Acq: 03 Jun 2024 15:30

Tgt Ion:113 Resp: 66196
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 23.9 13.3 19.9#





#39

Methylcyclohexane

Concen: 9.012 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX041705.D

Acq: 03 Jun 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

RINSATE-2

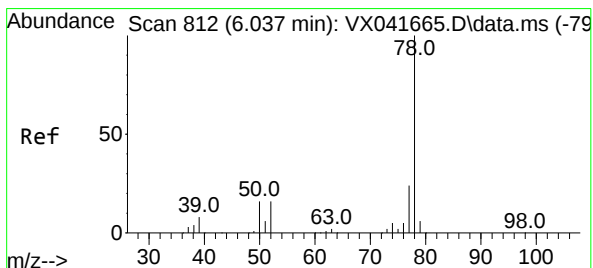
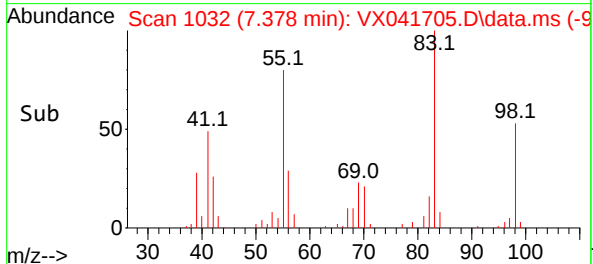
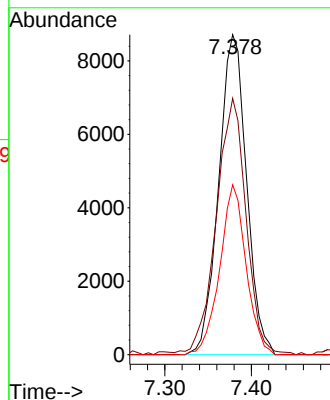
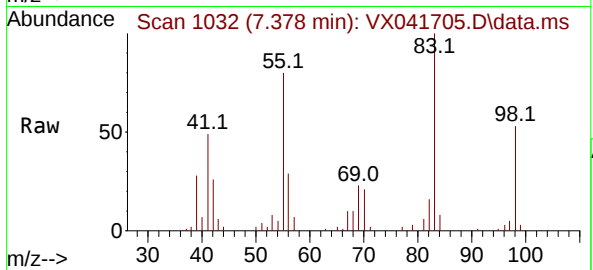
Tgt Ion: 83 Resp: 19452

Ion Ratio Lower Upper

83 100

55 79.3 64.6 97.0

98 53.1 36.7 55.1



#40

Benzene

Concen: 3.155 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX041705.D

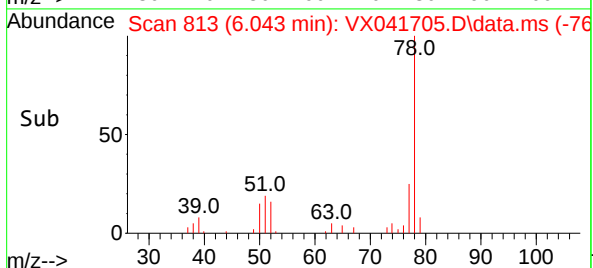
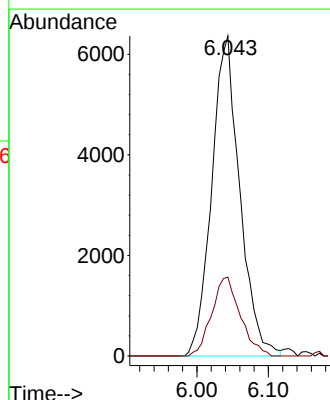
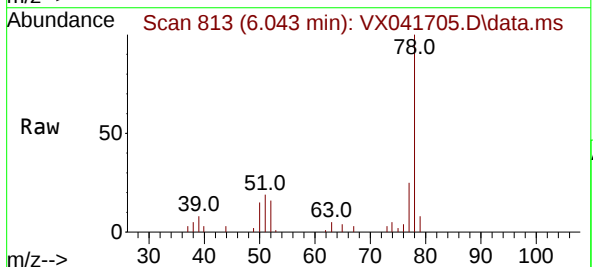
Acq: 03 Jun 2024 15:30

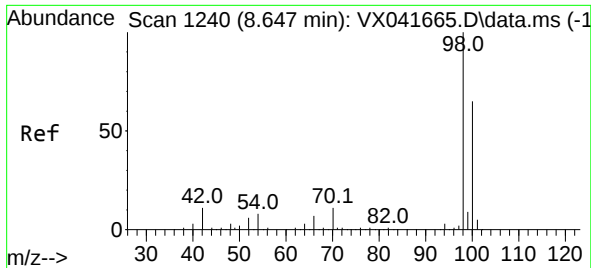
Tgt Ion: 78 Resp: 17324

Ion Ratio Lower Upper

78 100

77 24.6 19.3 28.9

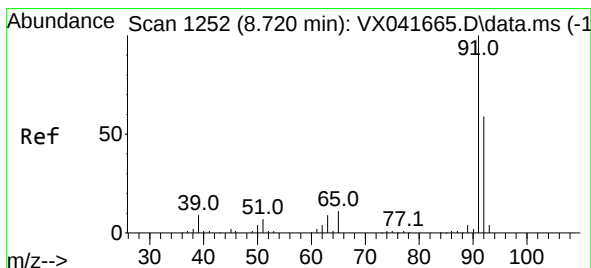
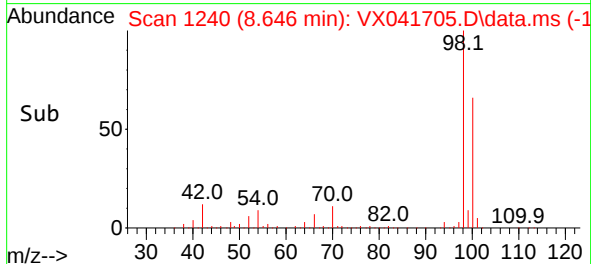
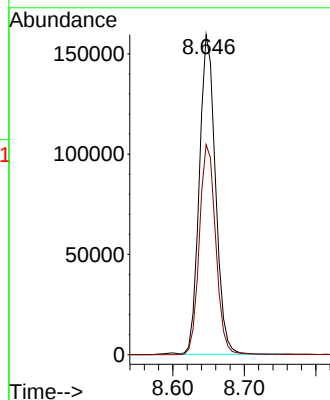
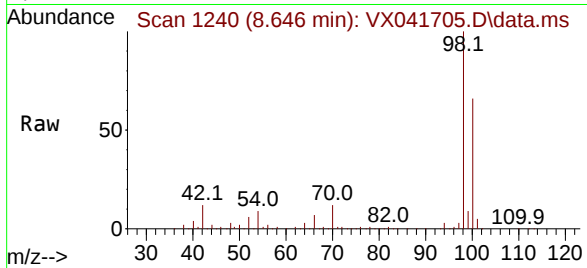




#50
Toluene-d8
Concen: 49.147 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041705.D
Acq: 03 Jun 2024 15:30

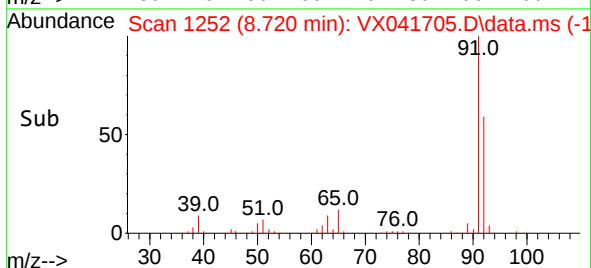
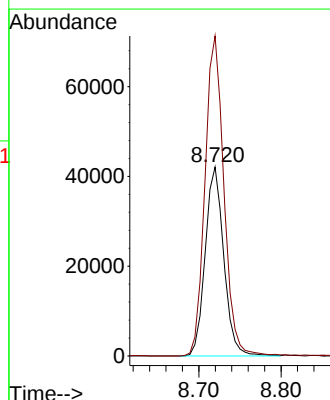
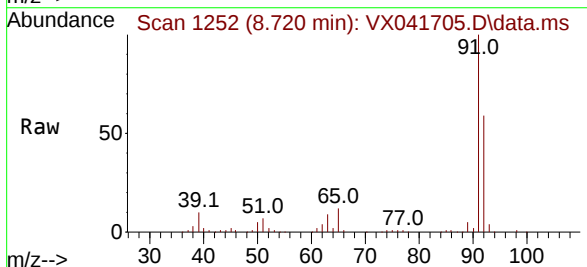
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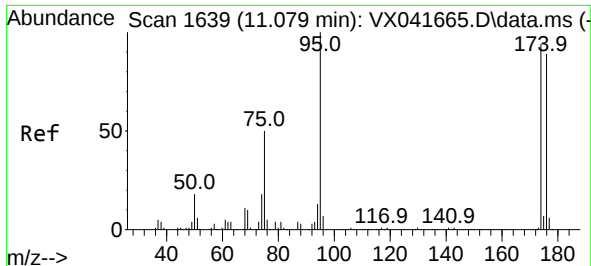
Tgt Ion: 98 Resp: 249181
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#52
Toluene
Concen: 18.956 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041705.D
Acq: 03 Jun 2024 15:30

Tgt Ion: 92 Resp: 66066
Ion Ratio Lower Upper
92 100
91 173.3 134.2 201.2

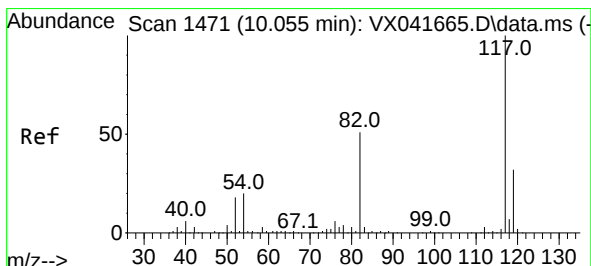
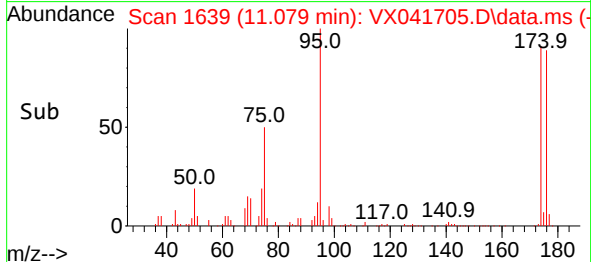
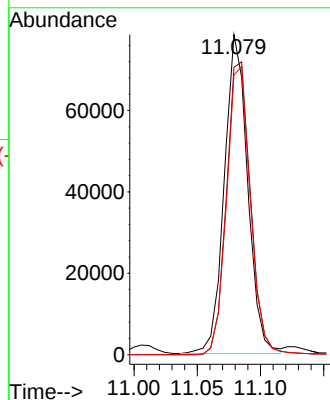
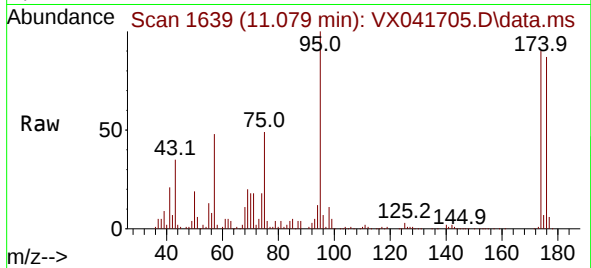




#62
4-Bromofluorobenzene
Concen: 53.741 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041705.D
Acq: 03 Jun 2024 15:30

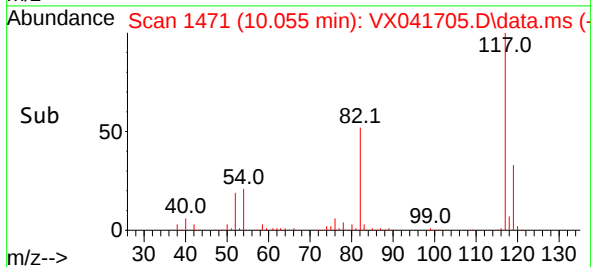
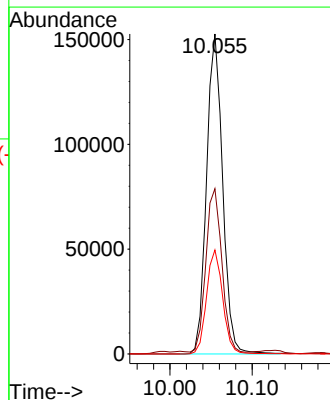
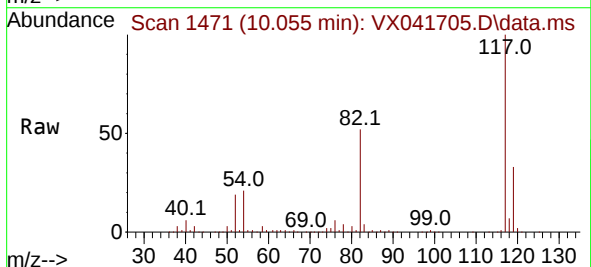
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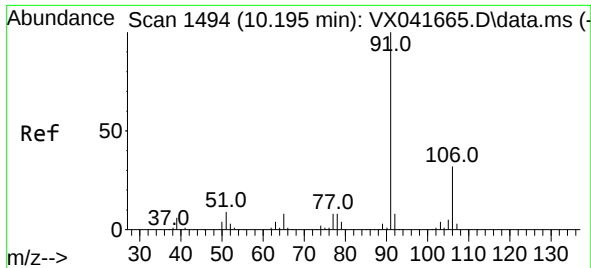
Tgt Ion: 95 Resp: 100564
Ion Ratio Lower Upper
95 100
174 95.1 0.0 135.6
176 92.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041705.D
Acq: 03 Jun 2024 15:30

Tgt Ion: 117 Resp: 207683
Ion Ratio Lower Upper
117 100
82 50.8 46.2 69.4
119 32.5 25.5 38.3

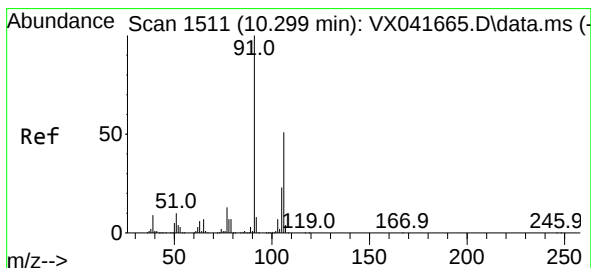
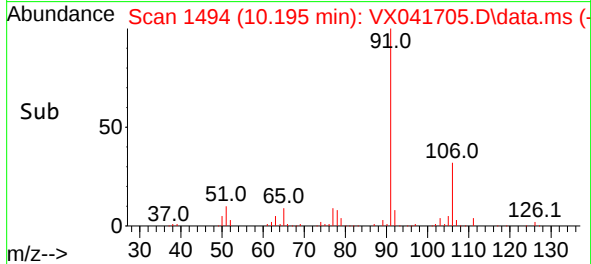
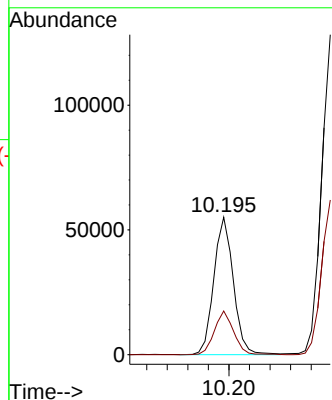
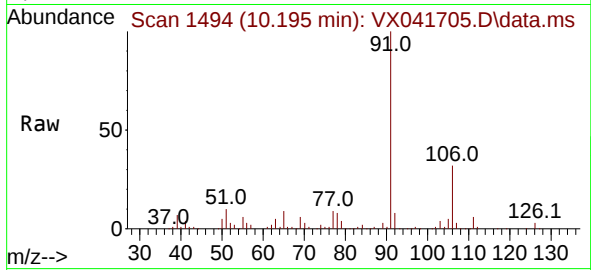




#67
Ethyl Benzene
Concen: 10.239 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041705.D
Acq: 03 Jun 2024 15:30

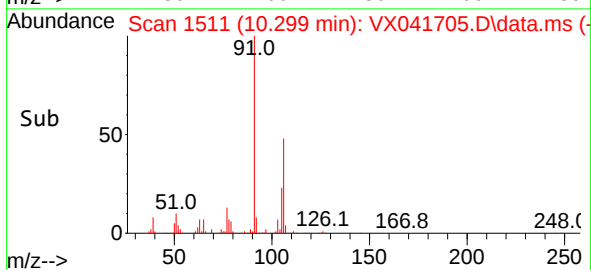
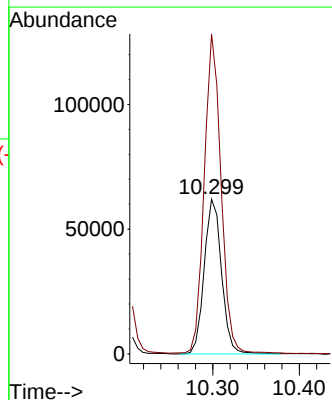
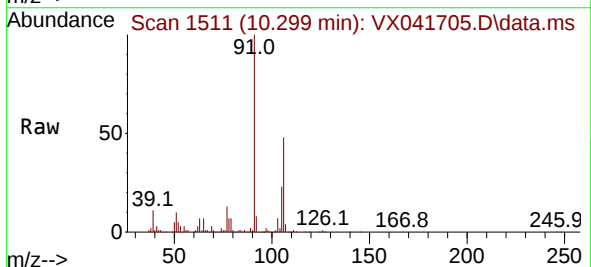
Instrument :
MSVOA_X
ClientSampleId :
RINSATE-2

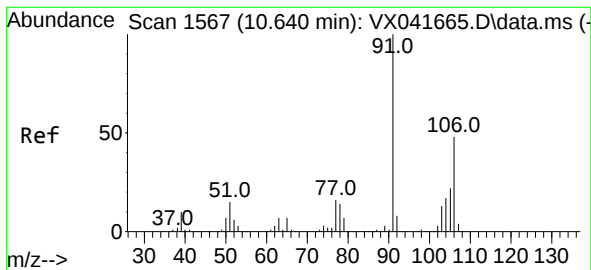
Tgt Ion: 91 Resp: 72729
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3



#68
m/p-Xylenes
Concen: 30.536 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041705.D
Acq: 03 Jun 2024 15:30

Tgt Ion: 106 Resp: 86289
Ion Ratio Lower Upper
106 100
91 200.5 165.5 248.3





#69

o-Xylene

Concen: 15.951 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041705.D

Acq: 03 Jun 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

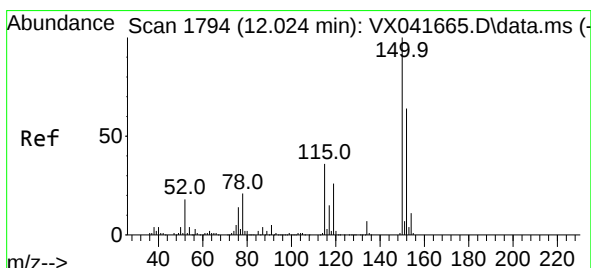
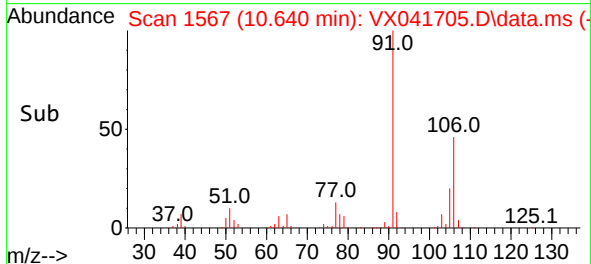
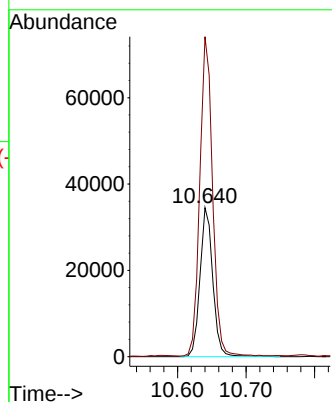
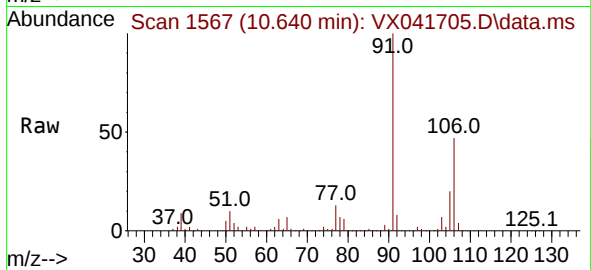
RINSATE-2

Tgt Ion:106 Resp: 44840

Ion Ratio Lower Upper

106 100

91 213.8 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041705.D

Acq: 03 Jun 2024 15:30

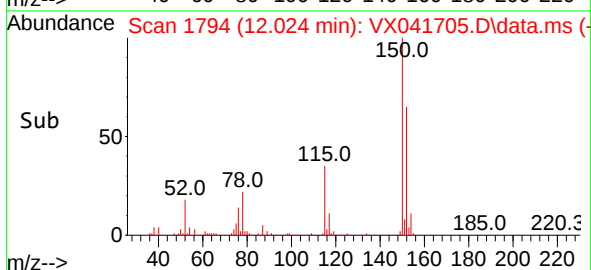
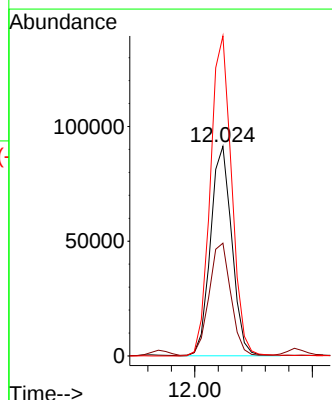
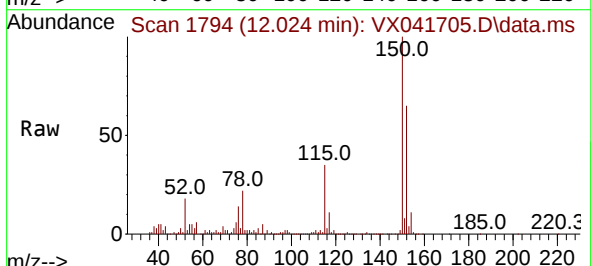
Tgt Ion:152 Resp: 115066

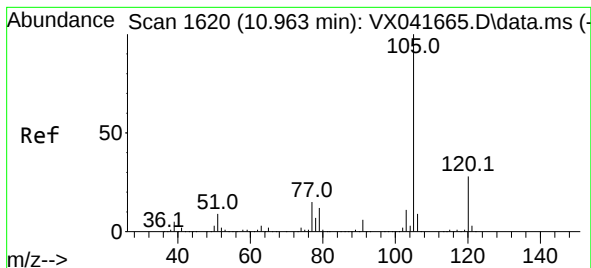
Ion Ratio Lower Upper

152 100

115 54.9 43.3 129.9

150 153.2 0.0 345.0





#73

Isopropylbenzene

Concen: 3.169 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041705.D

Acq: 03 Jun 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

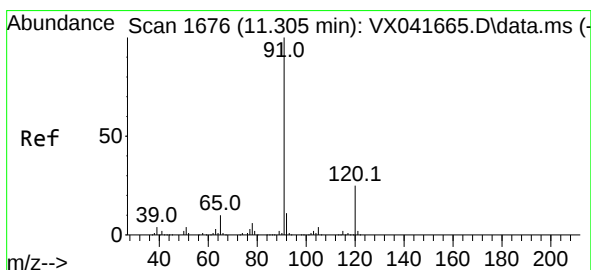
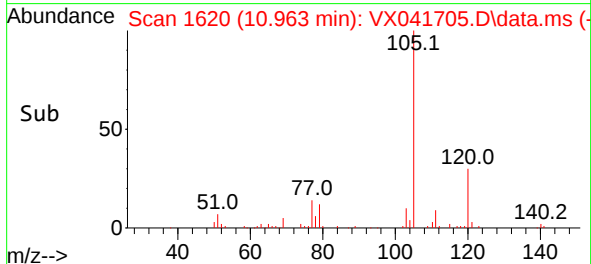
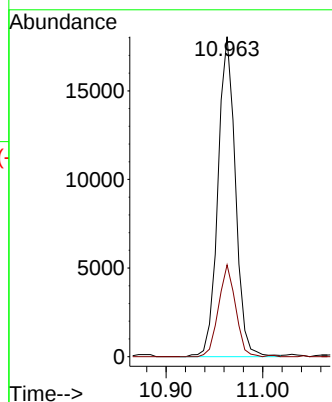
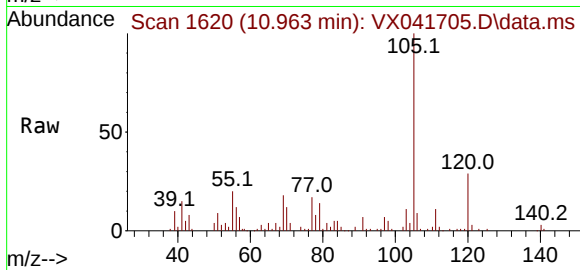
RINSATE-2

Tgt Ion:105 Resp: 22620

Ion Ratio Lower Upper

105 100

120 27.9 12.9 38.6



#78

n-propylbenzene

Concen: 8.706 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX041705.D

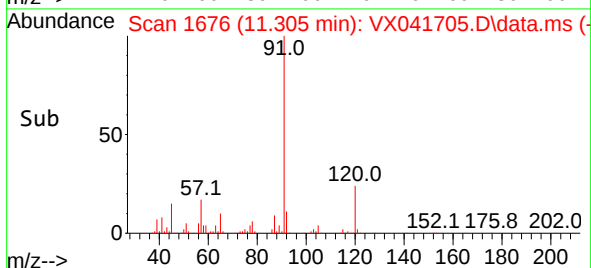
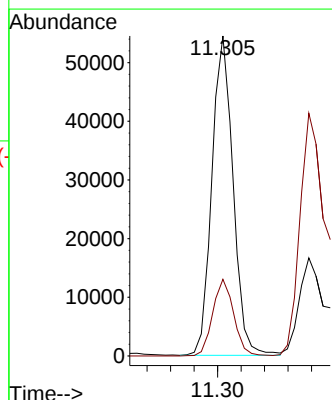
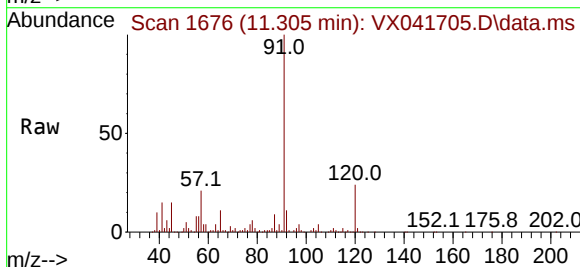
Acq: 03 Jun 2024 15:30

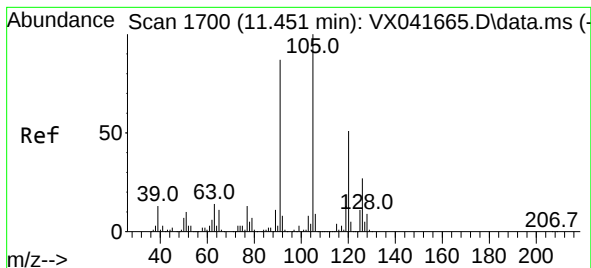
Tgt Ion: 91 Resp: 68234

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 10.400 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX041705.D

Acq: 03 Jun 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

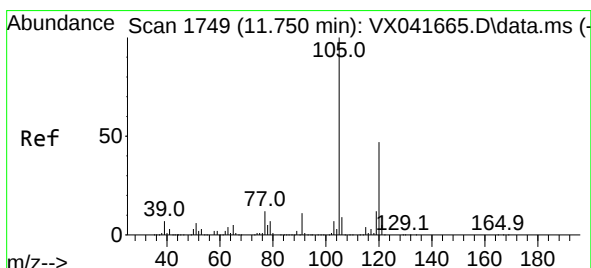
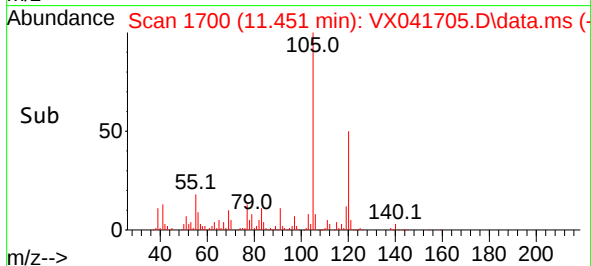
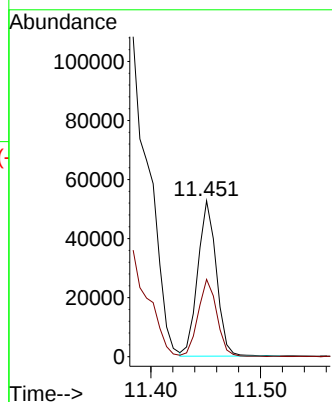
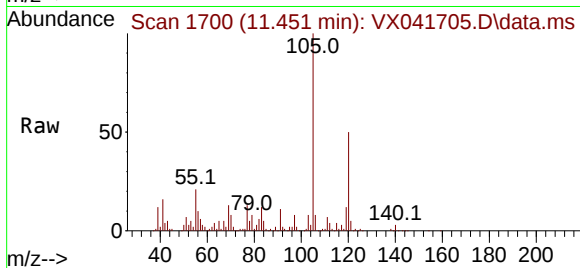
RINSATE-2

Tgt Ion:105 Resp: 61976

Ion Ratio Lower Upper

105 100

120 50.1 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 37.566 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX041705.D

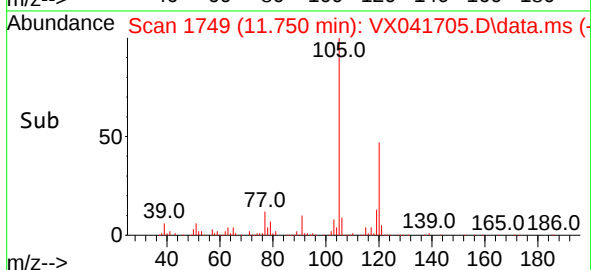
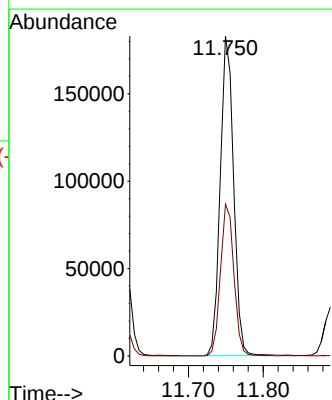
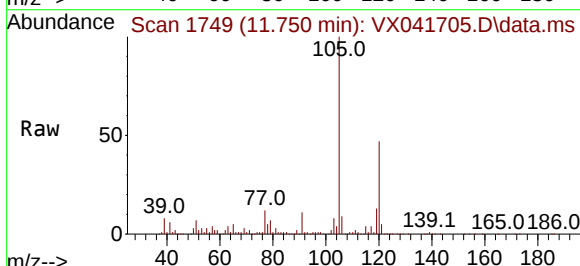
Acq: 03 Jun 2024 15:30

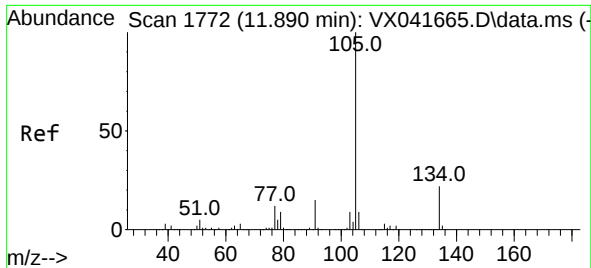
Tgt Ion:105 Resp: 226819

Ion Ratio Lower Upper

105 100

120 47.9 21.2 63.6

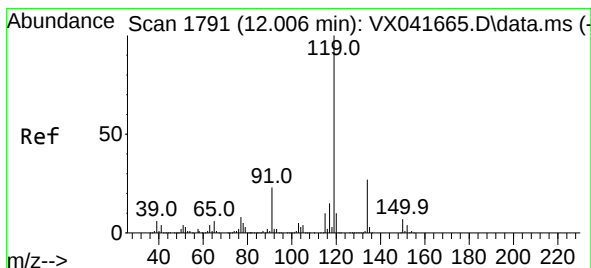
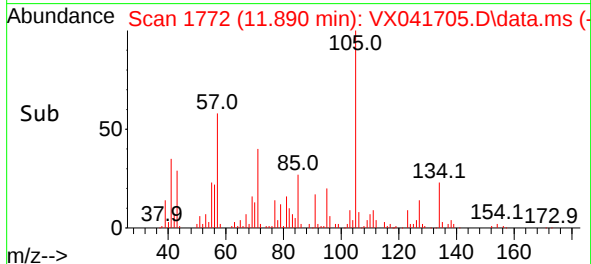
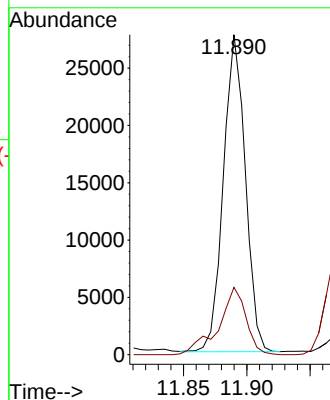
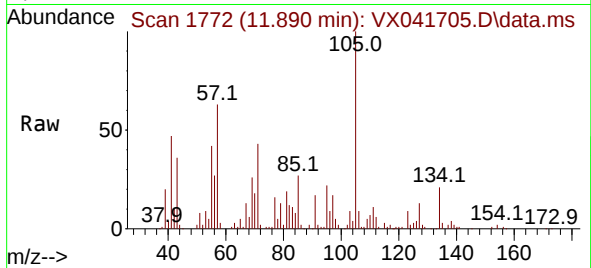




#85
 sec-Butylbenzene
 Concen: 4.529 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041705.D
 Acq: 03 Jun 2024 15:30

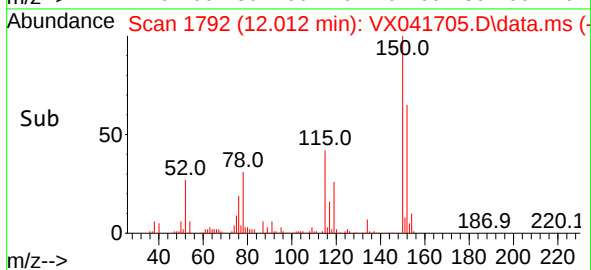
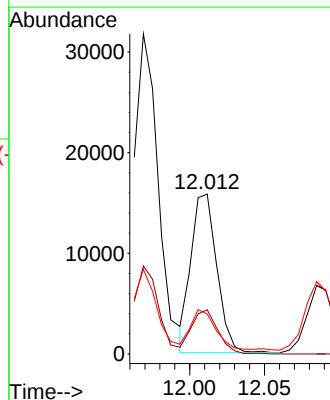
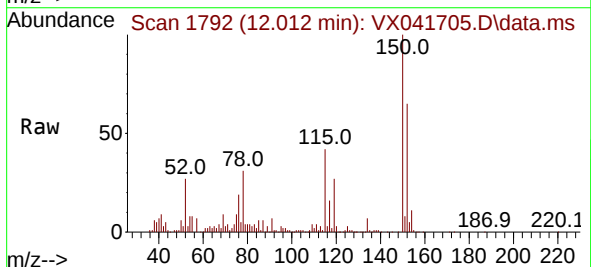
Instrument :
 MSVOA_X
 ClientSampleId :
 RINSATE-2

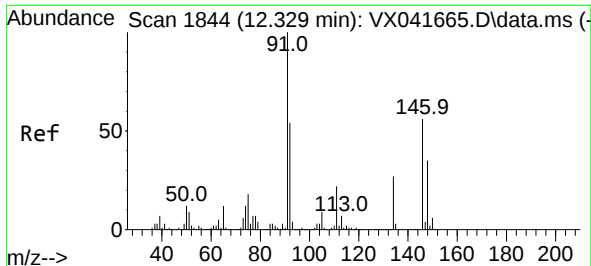
Tgt Ion:105 Resp: 33333
 Ion Ratio Lower Upper
 105 100
 134 26.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 2.924 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX041705.D
 Acq: 03 Jun 2024 15:30

Tgt Ion:119 Resp: 18875
 Ion Ratio Lower Upper
 119 100
 134 28.6 12.8 38.3
 91 24.6 13.1 39.3

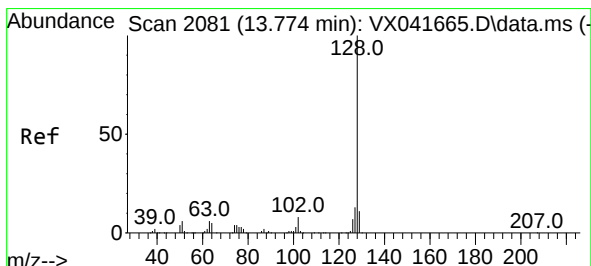
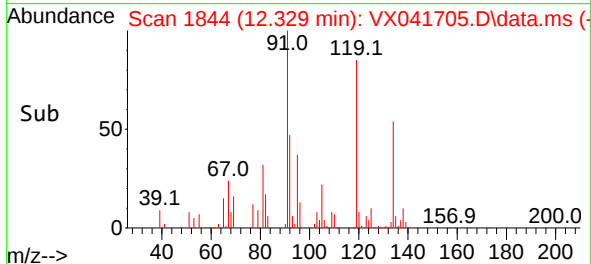
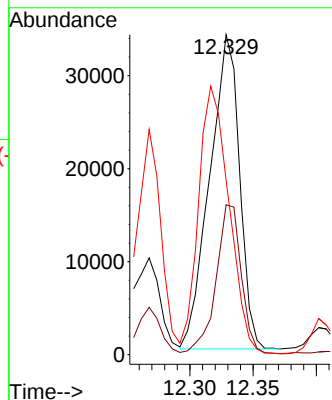
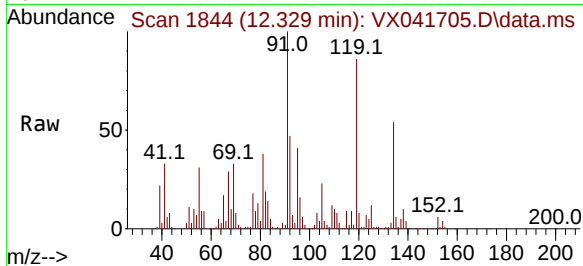




#89
n-Butylbenzene
Concen: 10.826 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX041705.D
Acq: 03 Jun 2024 15:30

Instrument :
MSVOA_X
ClientSampleId :
RINSATE-2

Tgt Ion: 91 Resp: 55318
Ion Ratio Lower Upper
91 100
92 40.3 27.4 82.0
134 86.9 12.6 37.8#



#95
Naphthalene
Concen: 4.276 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041705.D
Acq: 03 Jun 2024 15:30

Tgt Ion: 128 Resp: 31871
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 17.8 8.8 13.2#

