

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029768.D
 Acq On : 24 Jun 2022 12:26
 Operator : JC/MD
 Sample : N3422-11
 Misc : 5.76g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-13-GR

Quant Time: Jun 25 01:59:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	187164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	346378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125759	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114704	46.298	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.600%
35) Dibromofluoromethane	5.391	113	101828	45.111	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.220%
50) Toluene-d8	8.653	98	409297	49.634	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.260%
62) 4-Bromofluorobenzene	11.085	95	139205	44.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.520%

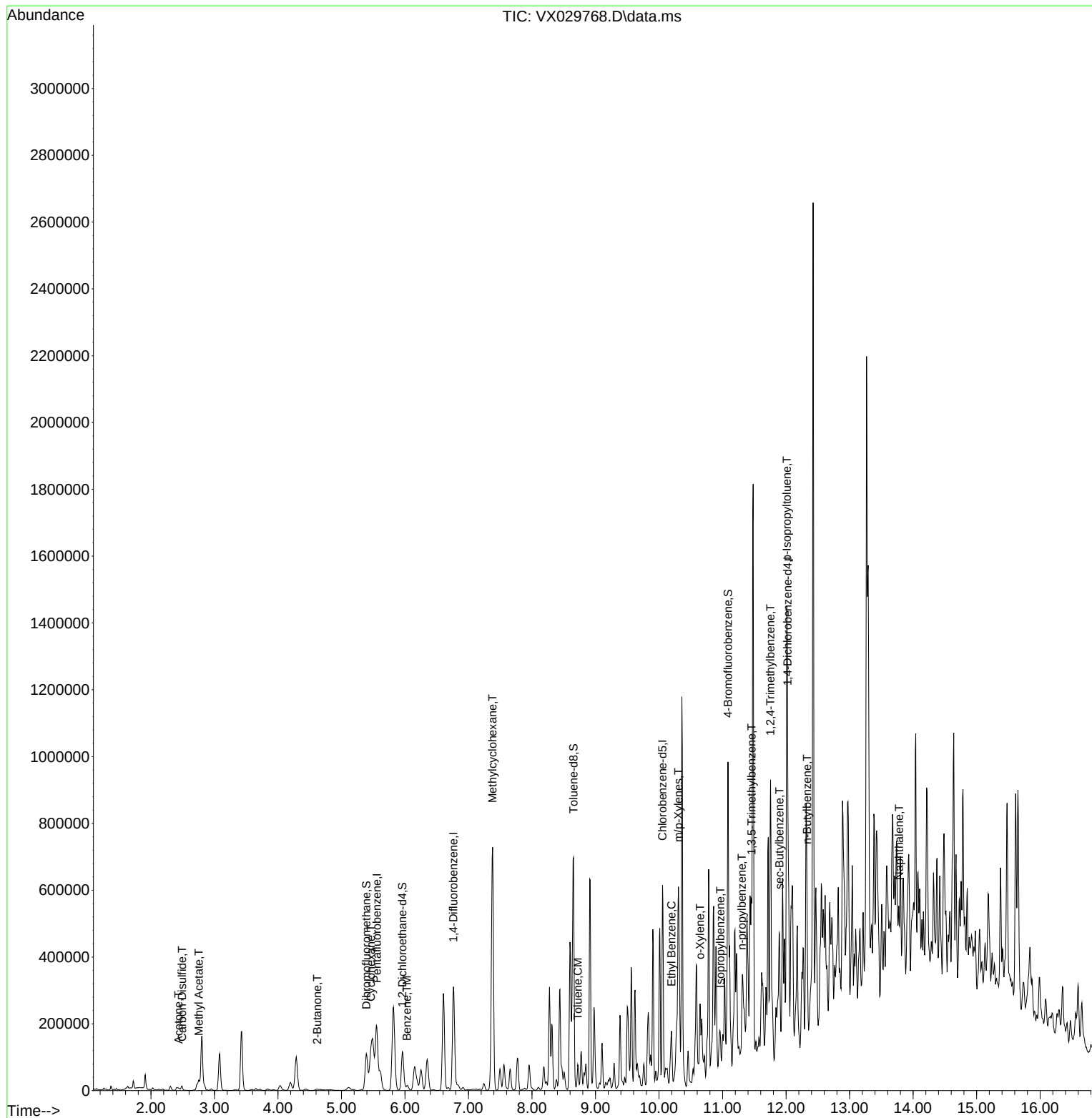
Target Compounds					Qvalue	
16) Acetone	2.434	43	15912	16.113	ug/l	91
17) Carbon Disulfide	2.489	76	14450	2.940	ug/l	98
18) Methyl Acetate	2.751	43	41068	15.729	ug/l #	46
25) 2-Butanone	4.617	43	12122	7.766	ug/l	98
31) Cyclohexane	5.464	56	98565	29.633	ug/l	91
39) Methylcyclohexane	7.378	83	358527	94.126	ug/l	97
40) Benzene	6.031	78	17462	1.928	ug/l	95
52) Toluene	8.720	92	29153	5.027	ug/l	98
67) Ethyl Benzene	10.195	91	72079	6.958	ug/l	98
68) m/p-Xylenes	10.305	106	119785	29.653	ug/l	98
69) o-Xylene	10.646	106	44279	11.095	ug/l	99
73) Isopropylbenzene	10.963	105	34746	3.685	ug/l	100
78) n-propylbenzene	11.304	91	64316	6.056	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	178416	22.468	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	324465	40.968	ug/l	99
85) sec-Butylbenzene	11.896	105	39530	4.119	ug/l #	76
86) p-Isopropyltoluene	12.012	119	521078	64.853	ug/l	99
89) n-Butylbenzene	12.329	91	72017	10.620	ug/l #	31
95) Naphthalene	13.780	128	111539	12.644	ug/l #	88

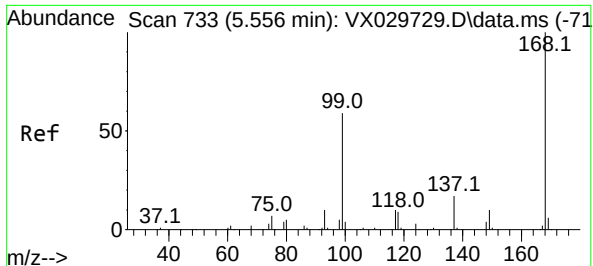
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-13-GR

Quant Time: Jun 25 01:59:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

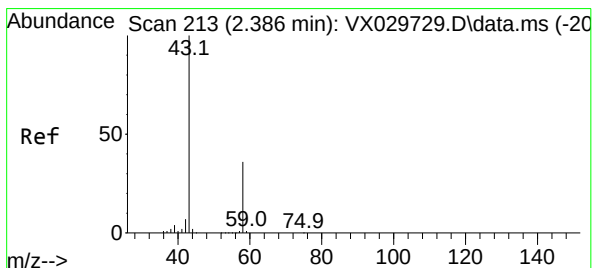
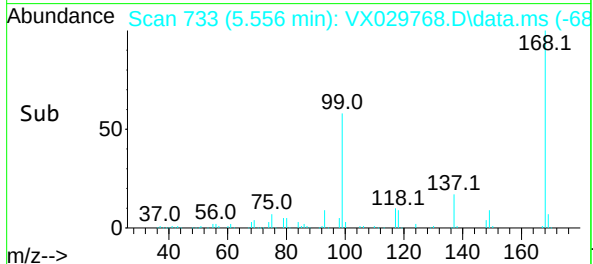
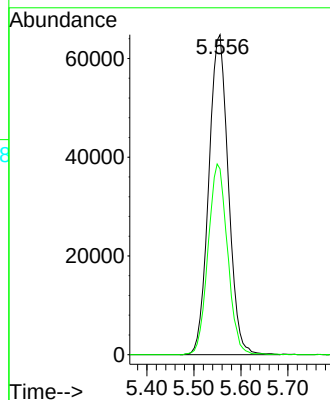
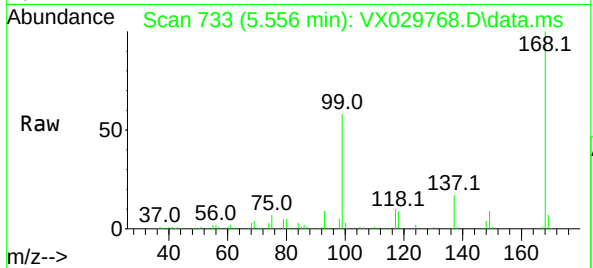




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

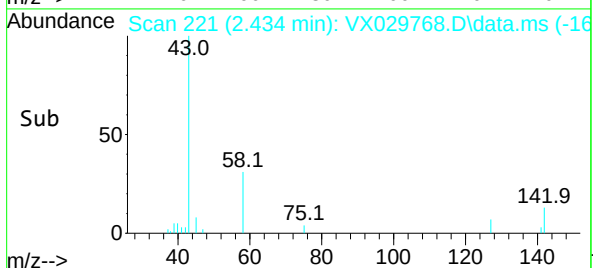
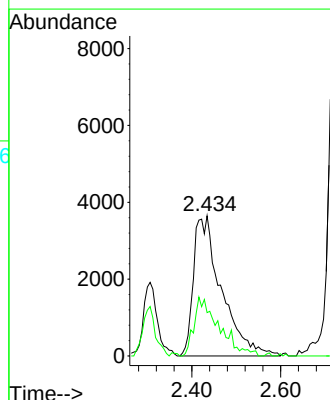
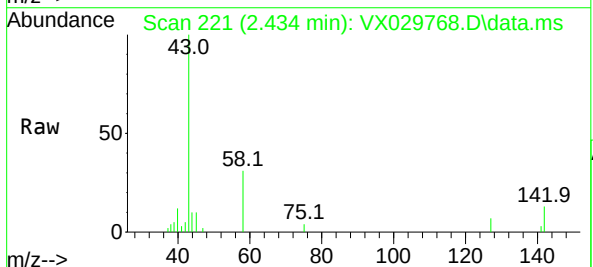
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-13-GR

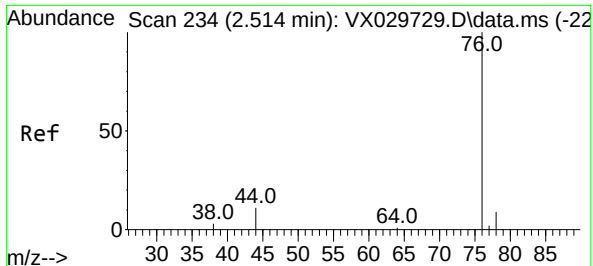
Tgt Ion:168 Resp: 187164
Ion Ratio Lower Upper
168 100
99 58.0 41.7 62.5



#16
Acetone
Concen: 16.113 ug/l
RT: 2.434 min Scan# 221
Delta R.T. 0.048 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

Tgt Ion: 43 Resp: 15912
Ion Ratio Lower Upper
43 100
58 31.0 28.8 43.2

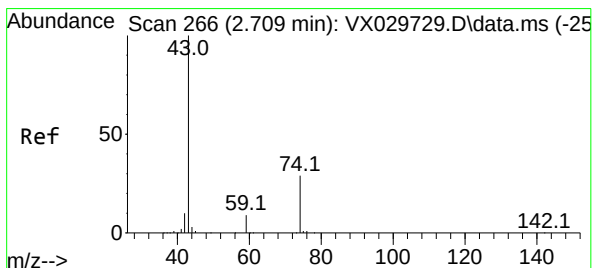
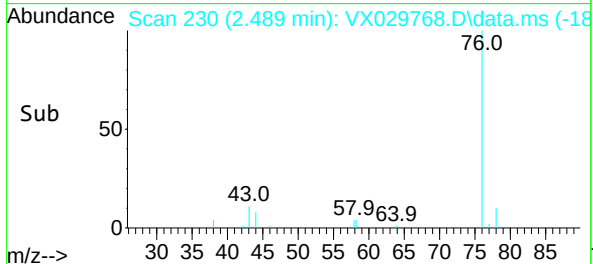
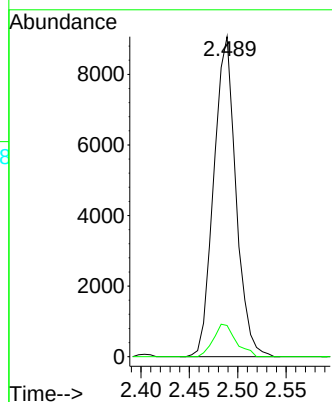
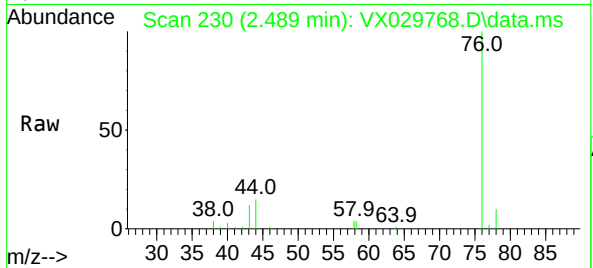




#17
Carbon Disulfide
Concen: 2.940 ug/l
RT: 2.489 min Scan# 21
Delta R.T. -0.025 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

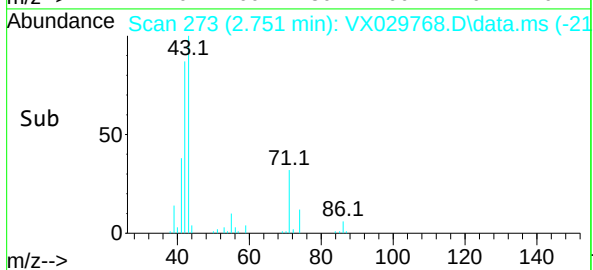
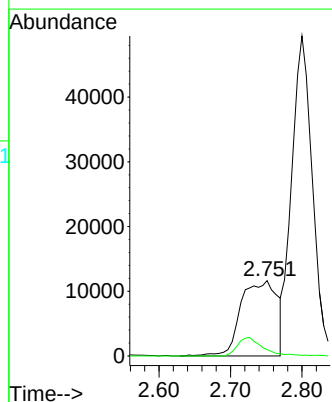
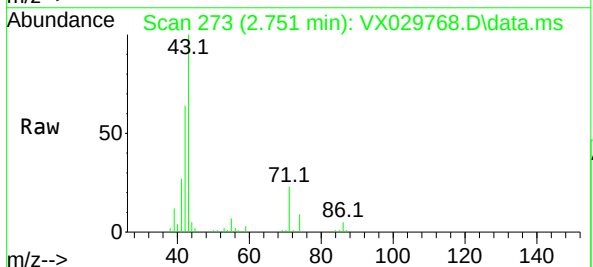
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-13-GR

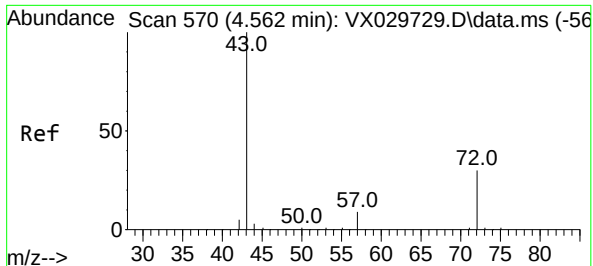
Tgt Ion: 76 Resp: 14450
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#18
Methyl Acetate
Concen: 15.729 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.042 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

Tgt Ion: 43 Resp: 41068
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#





#25

2-Butanone

Concen: 7.766 ug/l

RT: 4.617 min Scan# 51

Delta R.T. 0.055 min

Lab File: VX029768.D

Acq: 24 Jun 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

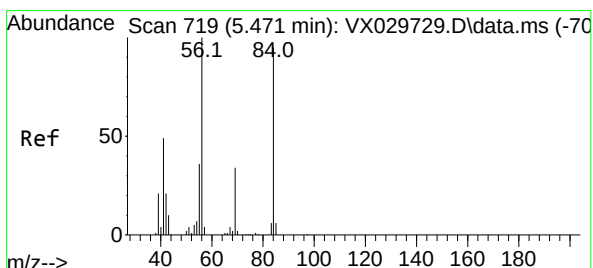
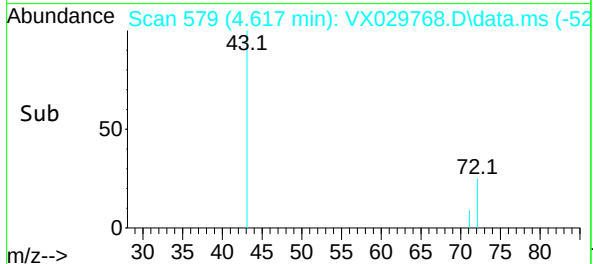
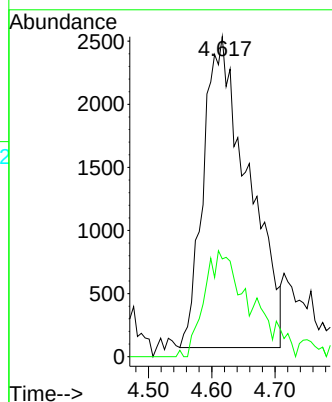
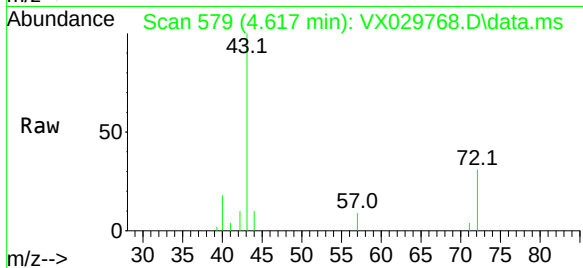
WC-14A-1A-13-GR

Tgt Ion: 43 Resp: 12122

Ion Ratio Lower Upper

43 100

72 29.4 24.4 36.6



#31

Cyclohexane

Concen: 29.633 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.013 min

Lab File: VX029768.D

Acq: 24 Jun 2022 12:26

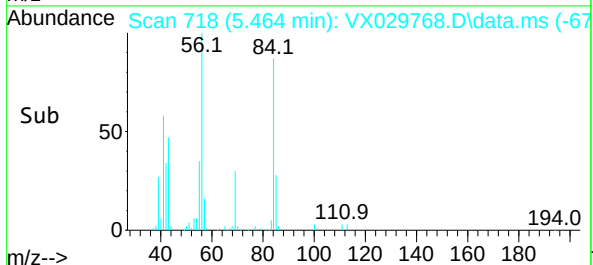
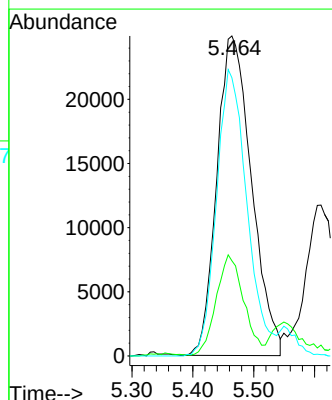
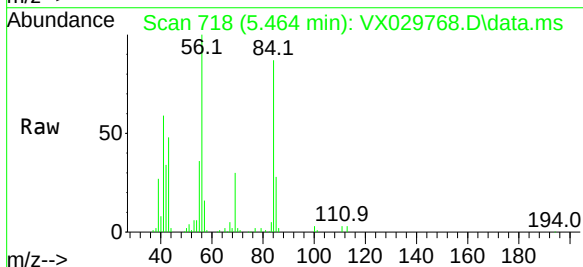
Tgt Ion: 56 Resp: 98565

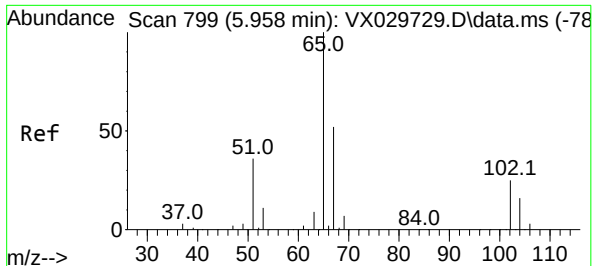
Ion Ratio Lower Upper

56 100

69 29.3 26.7 40.1

84 87.1 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 46.298 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029768.D

Acq: 24 Jun 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

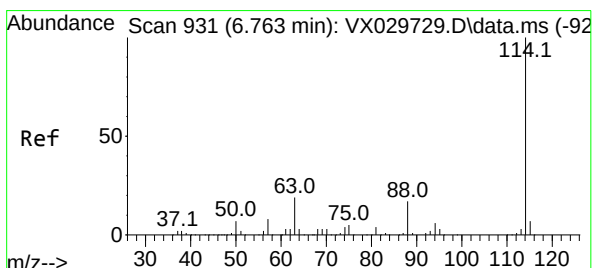
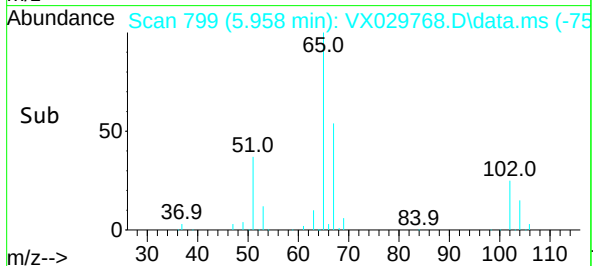
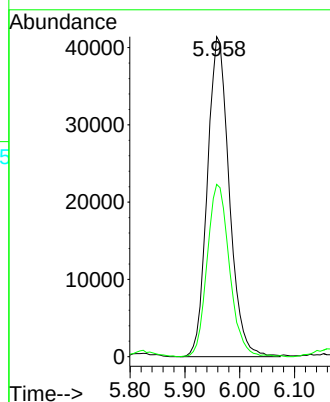
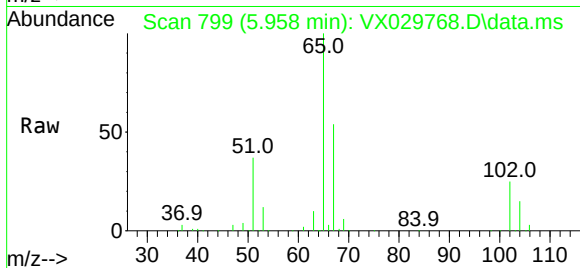
WC-14A-1A-13-GR

Tgt Ion: 65 Resp: 114704

Ion Ratio Lower Upper

65 100

67 55.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029768.D

Acq: 24 Jun 2022 12:26

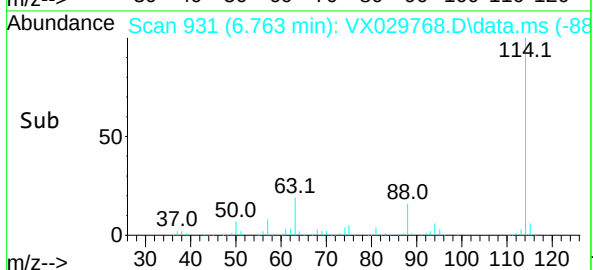
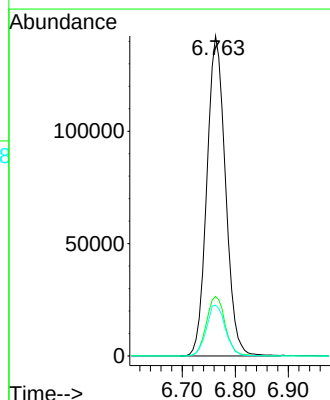
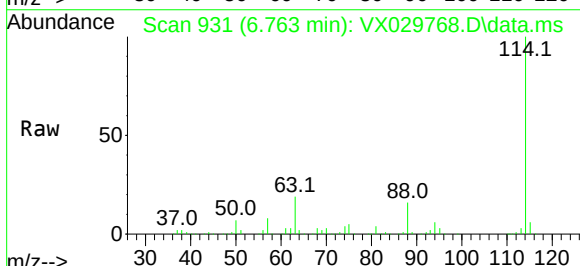
Tgt Ion: 114 Resp: 346378

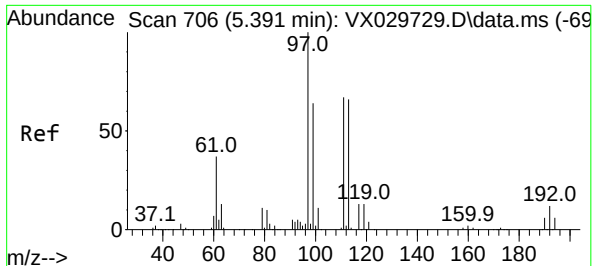
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

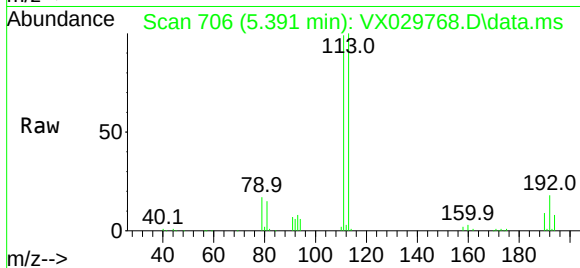
88 15.9 0.0 32.4



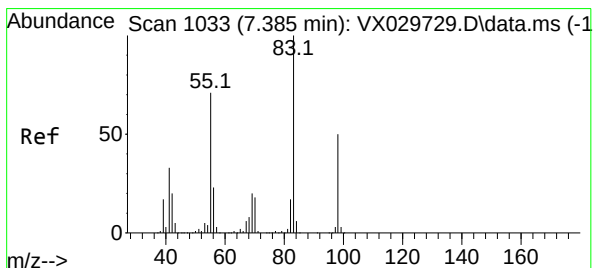
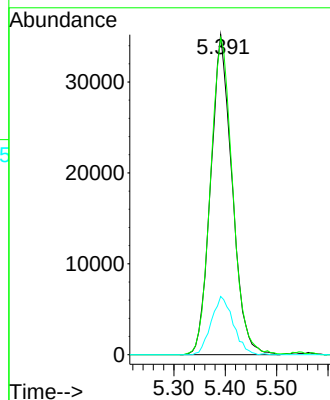
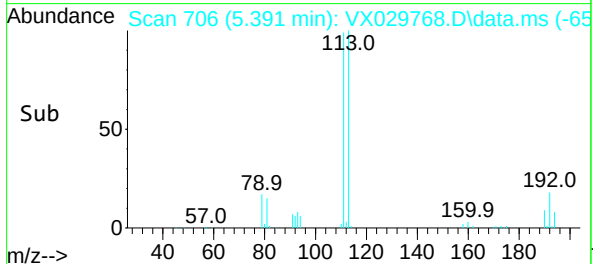


#35
Dibromofluoromethane
Concen: 45.111 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

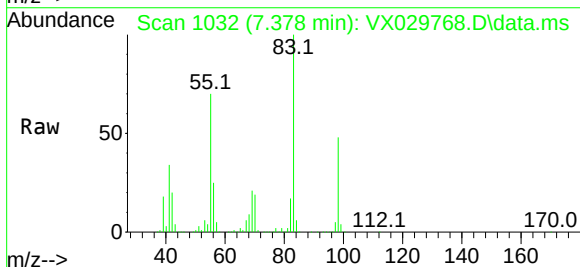
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-13-GR



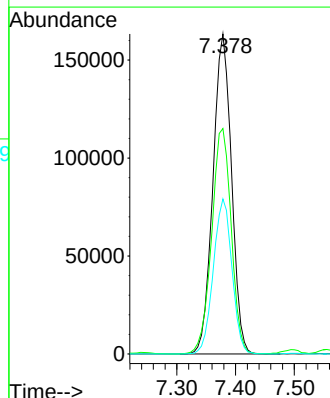
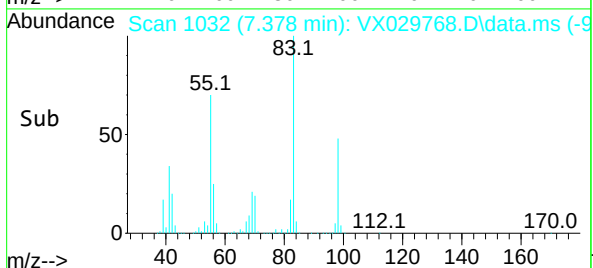
Tgt Ion:113 Resp: 101828
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 18.7 16.9 25.3

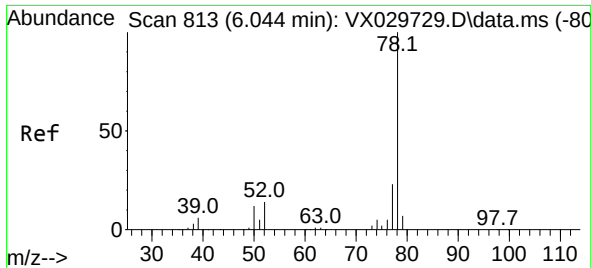


#39
Methylcyclohexane
Concen: 94.126 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.007 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26



Tgt Ion: 83 Resp: 358527
Ion Ratio Lower Upper
83 100
55 70.4 54.6 81.8
98 48.4 37.4 56.2

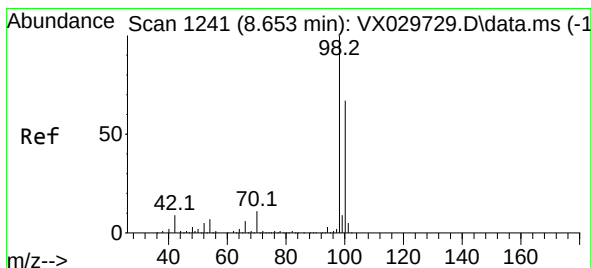
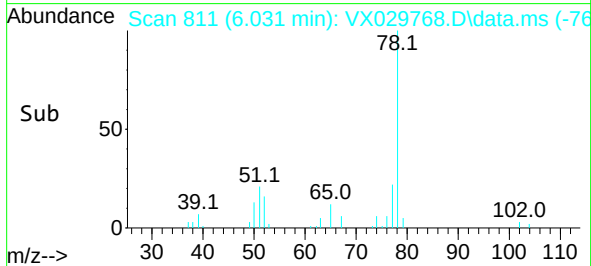
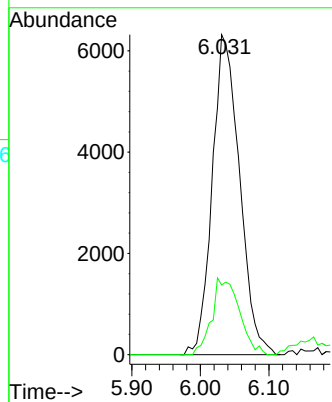
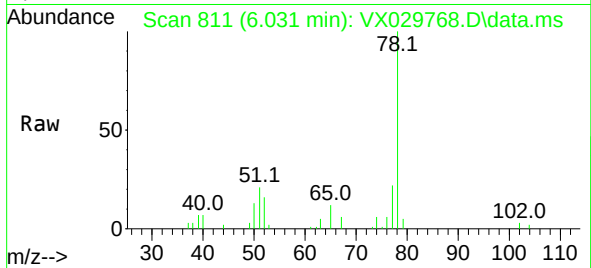




#40
Benzene
Concen: 1.928 ug/l
RT: 6.031 min Scan# 813
Delta R.T. -0.013 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

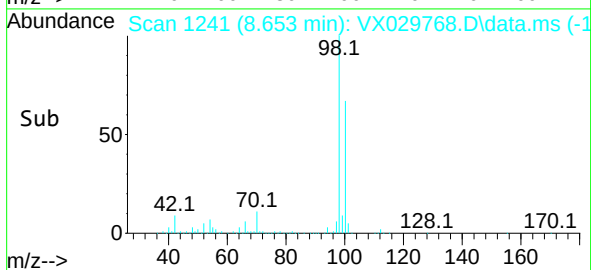
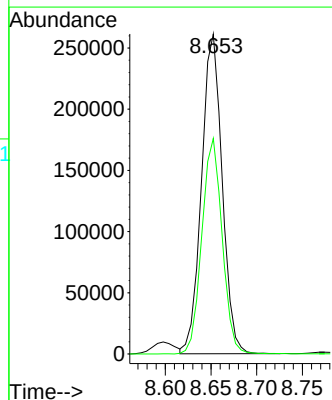
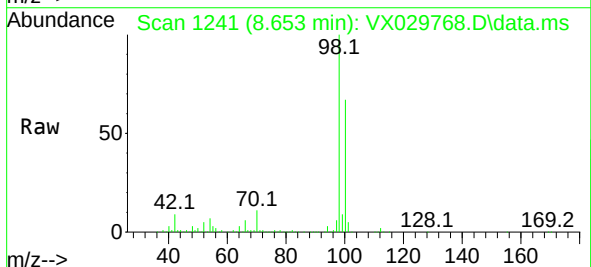
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WC-14A-1A-13-GR

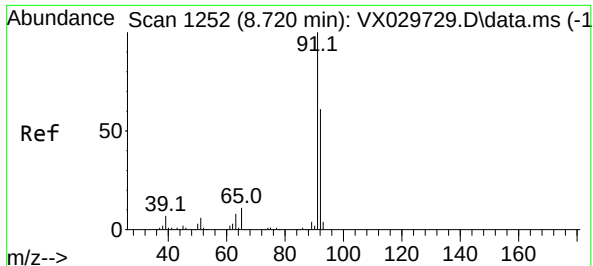
Tgt Ion: 78 Resp: 17462
Ion Ratio Lower Upper
78 100
77 21.7 19.3 28.9



#50
Toluene-d8
Concen: 49.634 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

Tgt Ion: 98 Resp: 409297
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

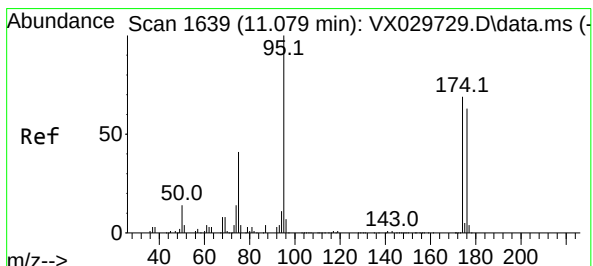
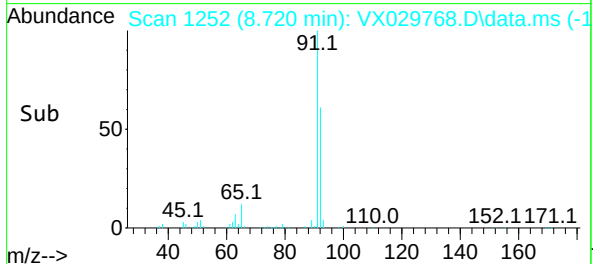
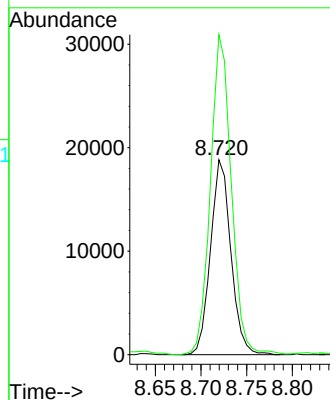
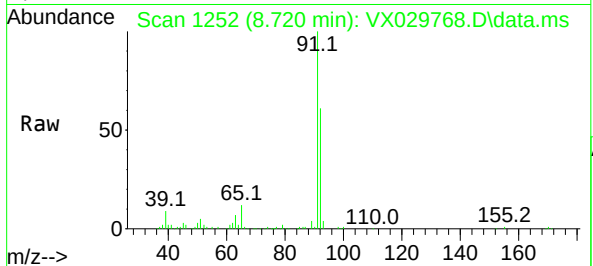




#52
Toluene
Concen: 5.027 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

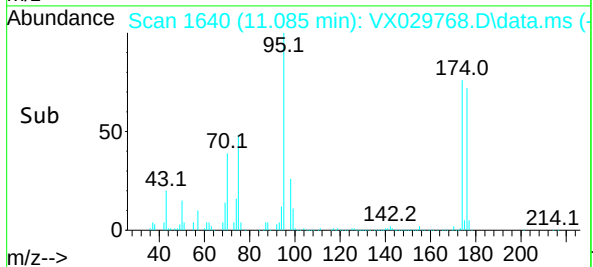
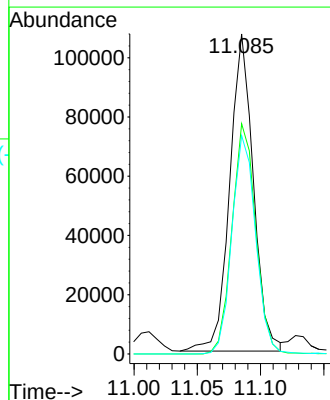
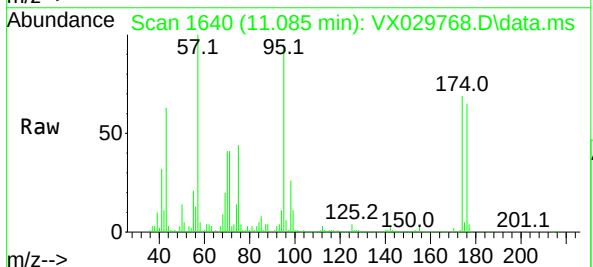
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-13-GR

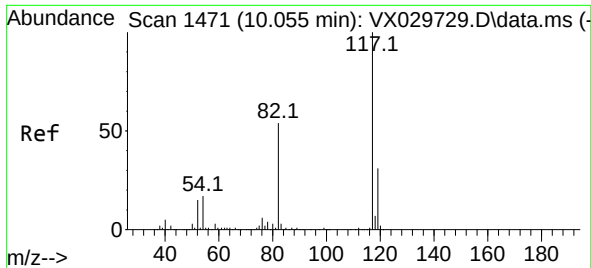
Tgt Ion: 92 Resp: 29153
Ion Ratio Lower Upper
92 100
91 168.5 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 44.763 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

Tgt Ion: 95 Resp: 139205
Ion Ratio Lower Upper
95 100
174 72.9 0.0 163.0
176 69.4 0.0 155.0

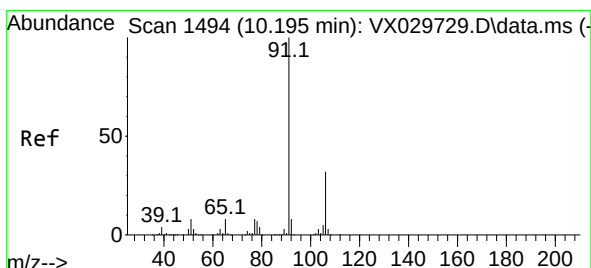
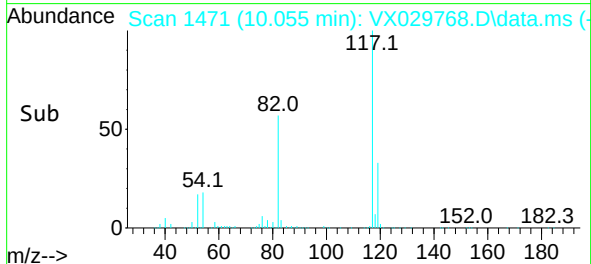
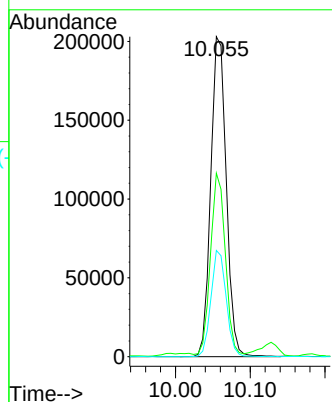
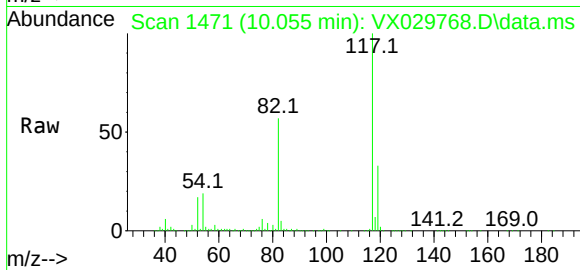




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

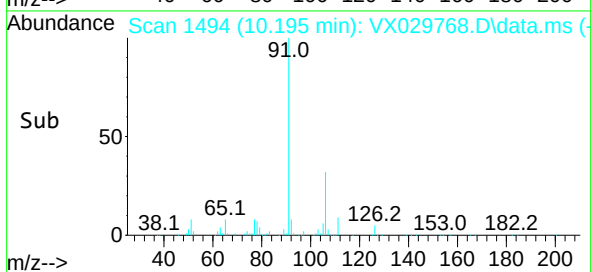
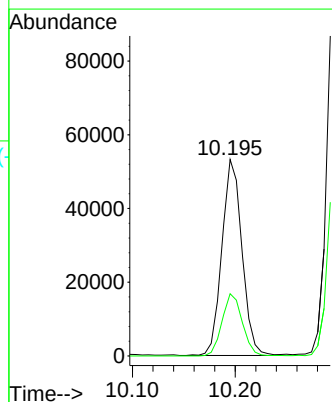
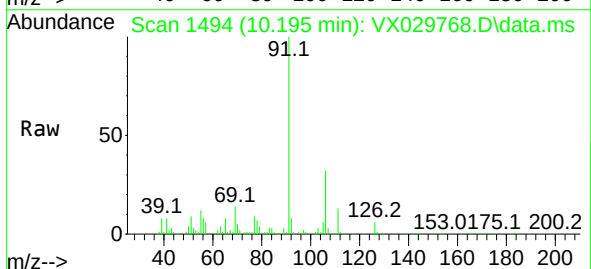
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-13-GR

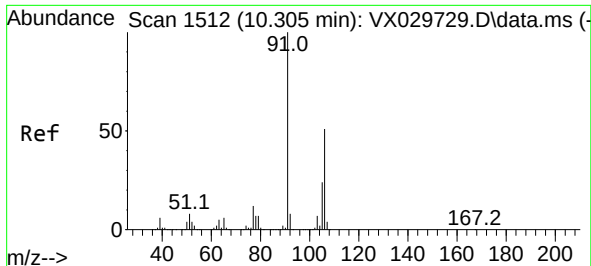
Tgt Ion:117 Resp: 293457
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 33.2 24.8 37.2



#67
Ethyl Benzene
Concen: 6.958 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

Tgt Ion: 91 Resp: 72079
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

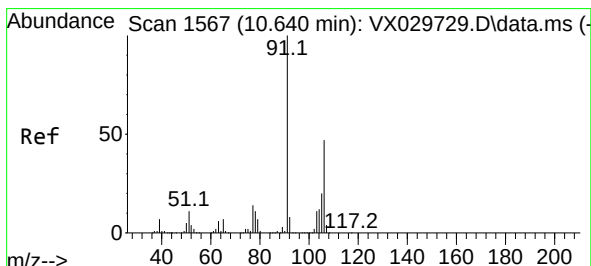
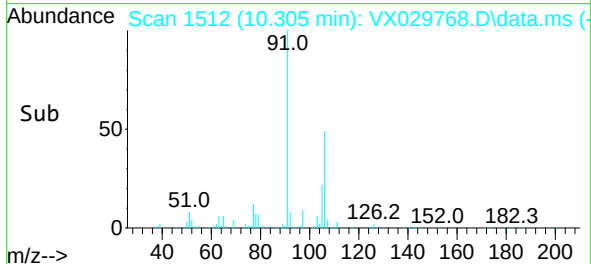
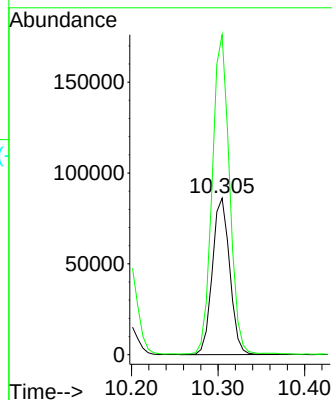
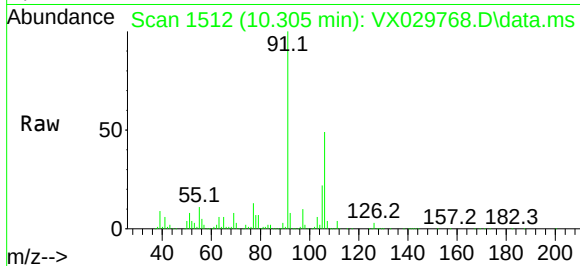




#68
m/p-Xylenes
Concen: 29.653 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

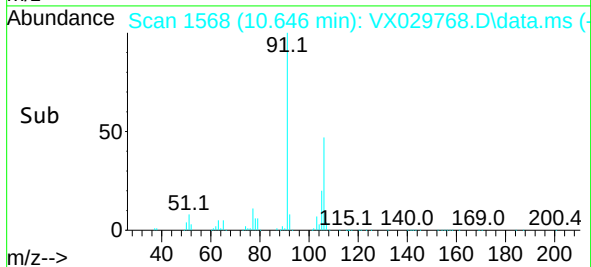
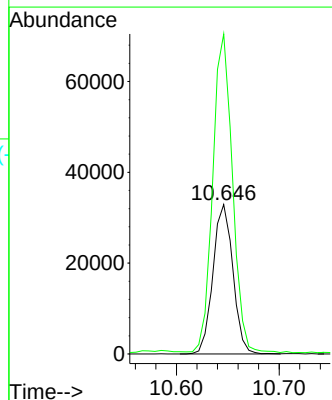
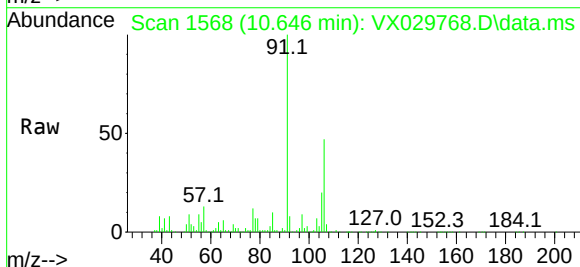
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-13-GR

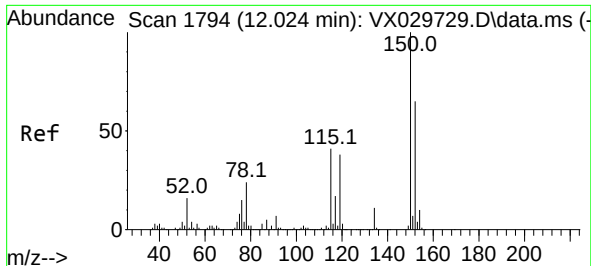
Tgt Ion:106 Resp: 119785
Ion Ratio Lower Upper
106 100
91 203.8 160.4 240.6



#69
o-Xylene
Concen: 11.095 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

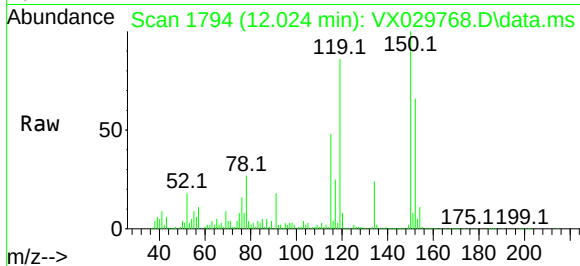
Tgt Ion:106 Resp: 44279
Ion Ratio Lower Upper
106 100
91 211.0 106.1 318.1



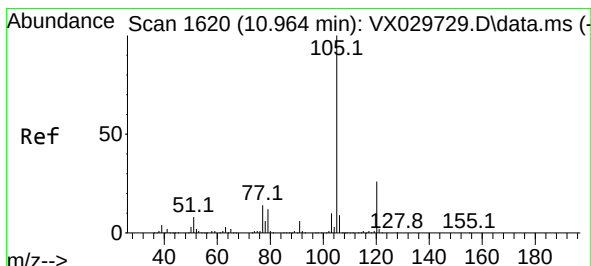
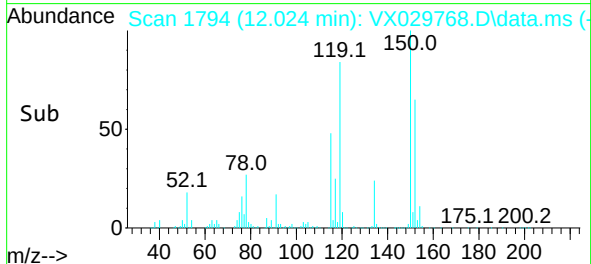
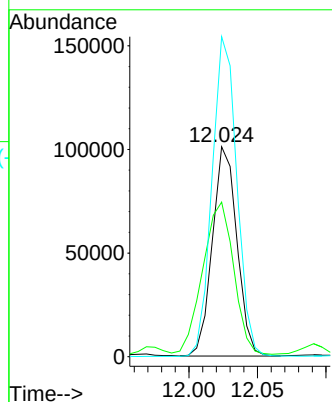


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-13-GR

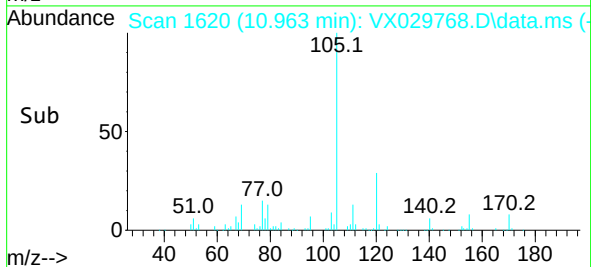
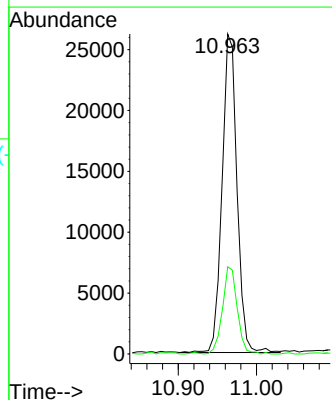
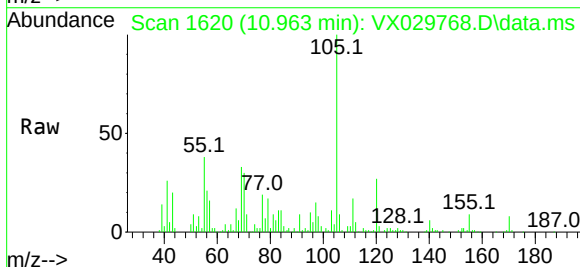


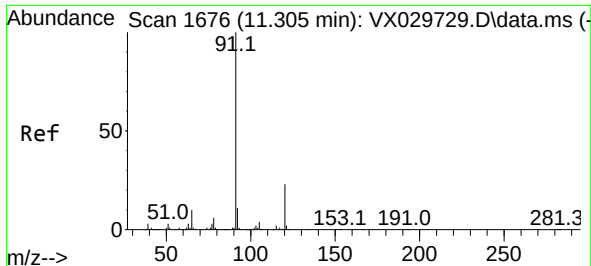
Tgt Ion:152 Resp: 125759
Ion Ratio Lower Upper
152 100
115 93.2 37.5 112.7
150 154.7 0.0 338.2



#73
Isopropylbenzene
Concen: 3.685 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

Tgt Ion:105 Resp: 34746
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.5

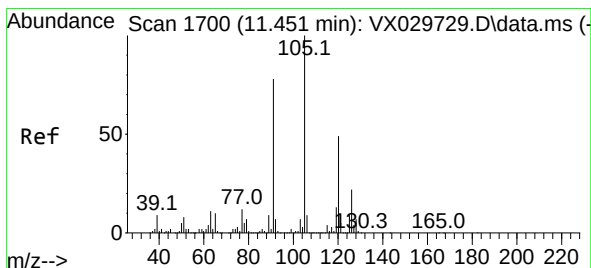
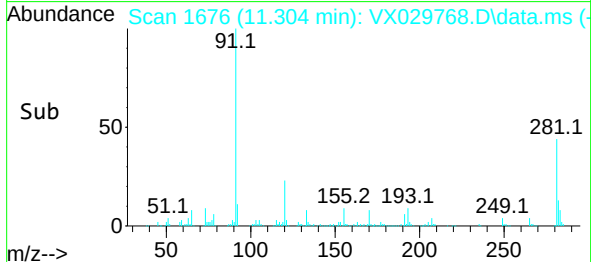
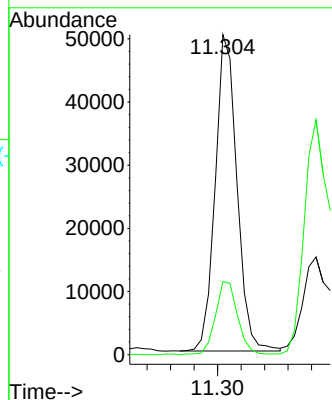
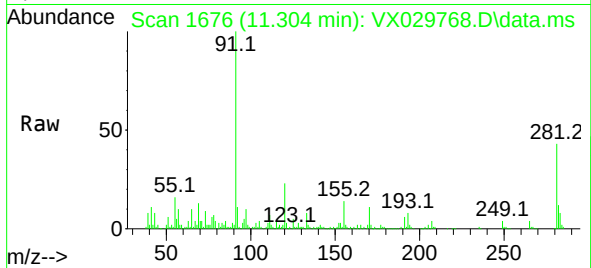




#78
n-propylbenzene
Concen: 6.056 ug/l
RT: 11.304 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

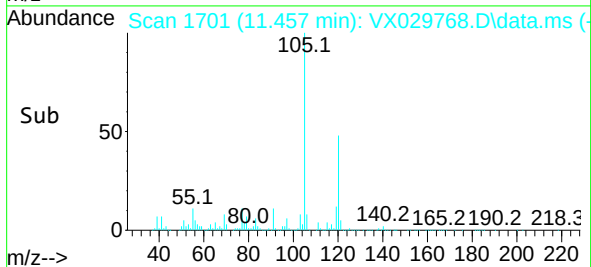
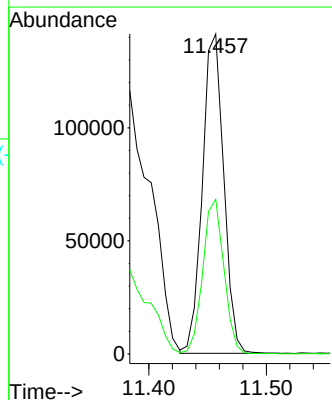
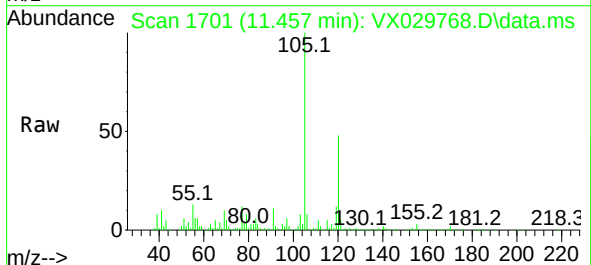
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-13-GR

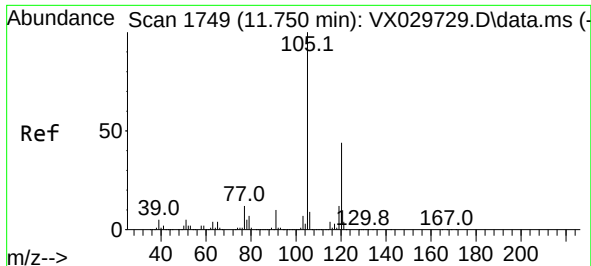
Tgt Ion: 91 Resp: 64316
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 22.468 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

Tgt Ion:105 Resp: 178416
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.9

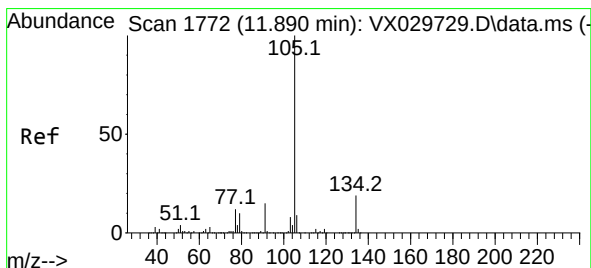
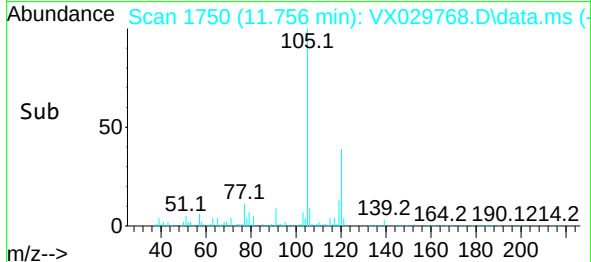
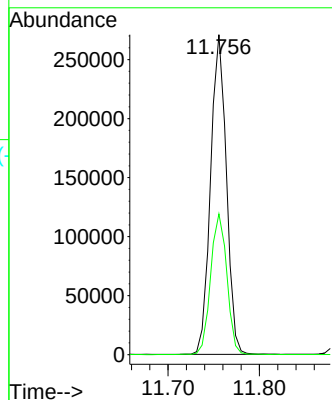
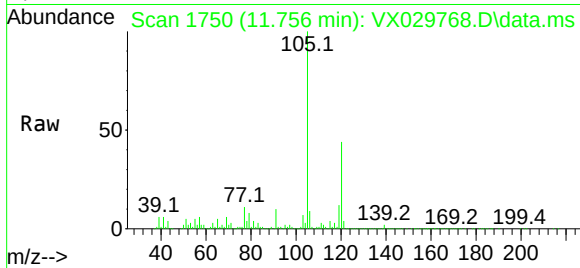




#84
1,2,4-Trimethylbenzene
Concen: 40.968 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

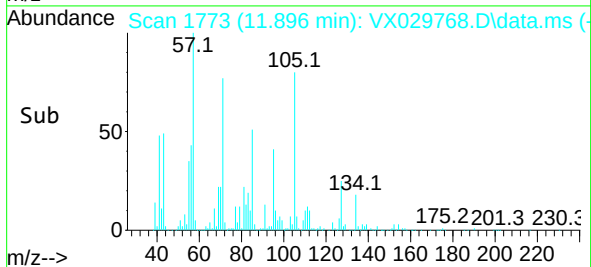
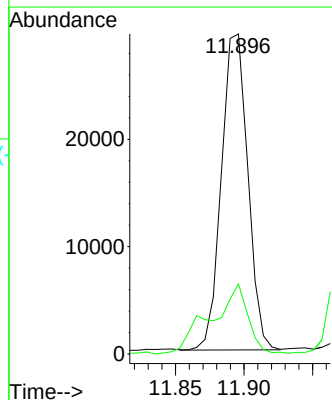
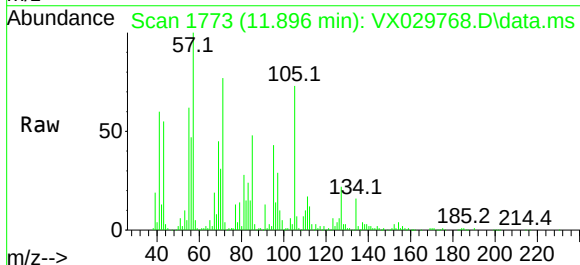
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-13-GR

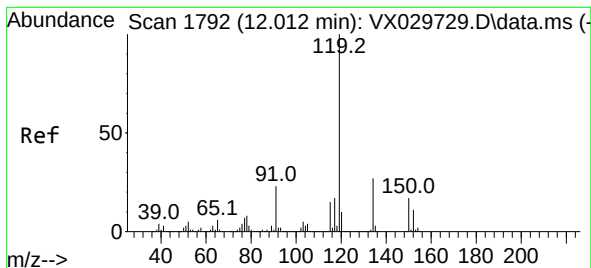
Tgt Ion:105 Resp: 324465
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.8



#85
sec-Butylbenzene
Concen: 4.119 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX029768.D
Acq: 24 Jun 2022 12:26

Tgt Ion:105 Resp: 39530
Ion Ratio Lower Upper
105 100
134 31.4 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 64.853 ug/l

RT: 12.012 min Scan# 119

Delta R.T. -0.000 min

Lab File: VX029768.D

Acq: 24 Jun 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-13-GR

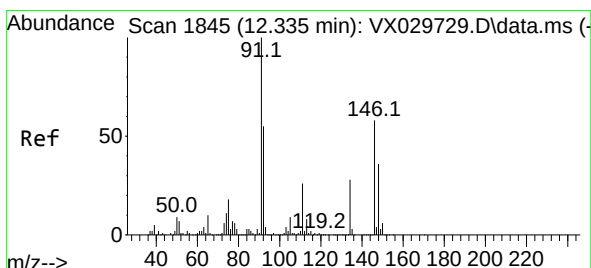
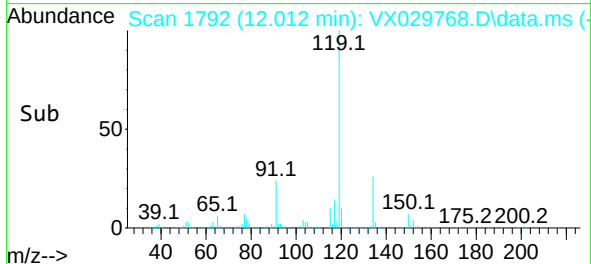
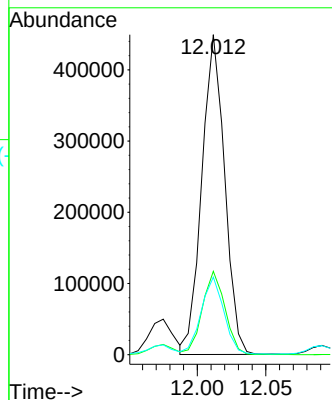
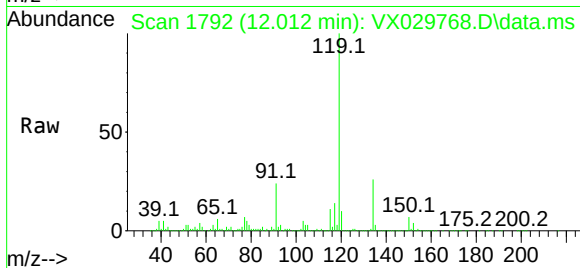
Tgt Ion:119 Resp: 521078

Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 23.9 11.3 33.9



#89

n-Butylbenzene

Concen: 10.620 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX029768.D

Acq: 24 Jun 2022 12:26

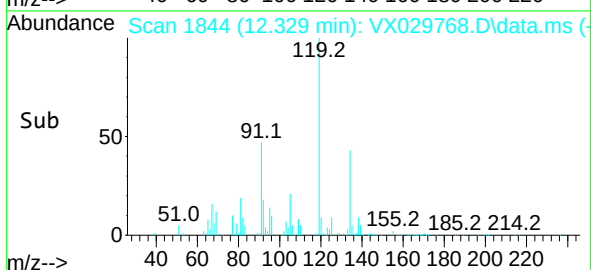
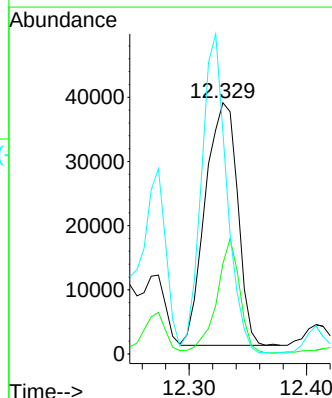
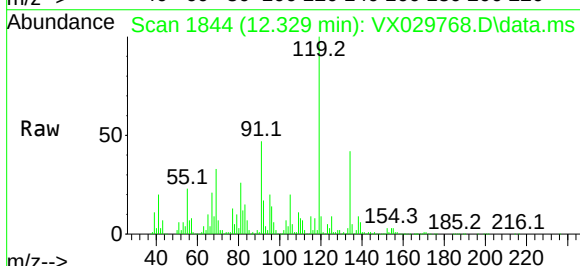
Tgt Ion: 91 Resp: 72017

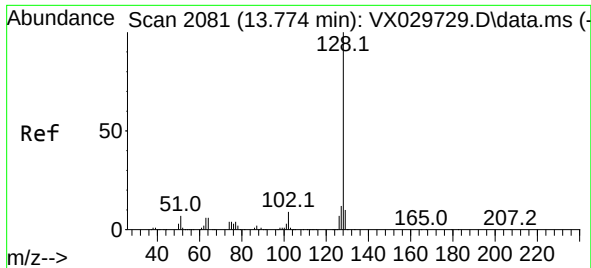
Ion Ratio Lower Upper

91 100

92 33.4 27.8 83.3

134 103.5 13.3 39.8#





#95

Naphthalene

Concen: 12.644 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX029768.D

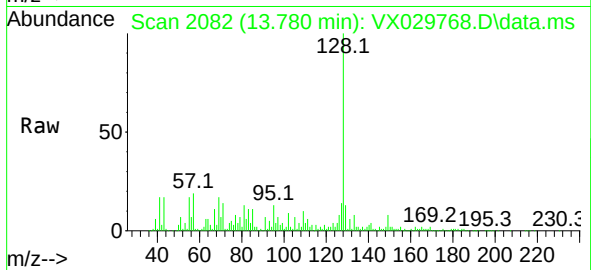
Acq: 24 Jun 2022 12:26

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-13-GR



Tgt Ion:128 Resp: 111539

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 19.5 8.7 13.1#

