

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032683.D
 Acq On : 09 Nov 2022 16:38
 Operator : JC/MD
 Sample : N5499-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SCP122869-TOTE

Quant Time: Nov 10 03:05:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2022
 Supervised By : Mahesh Dadoda 11/10/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	110292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75789	49.455	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.920%		
35) Dibromofluoromethane	5.385	113	59487	45.696	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.400%		
50) Toluene-d8	8.647	98	225095	49.726	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.460%		
62) 4-Bromofluorobenzene	11.079	95	94439	53.409	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.820%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	37167	66.729	ug/l	99
17) Carbon Disulfide	2.514	76	906	0.344	ug/l #	84
25) 2-Butanone	4.568	43	27627	32.015	ug/l	95
30) Chloroform	5.099	83	1789	0.743	ug/l	93
31) Cyclohexane	5.501	56	9742	5.243	ug/l #	56
39) Methylcyclohexane	7.379	83	13143	6.128	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	4654	2.550	ug/l	97
52) Toluene	8.720	92	13661	4.082	ug/l	99
59) 2-Hexanone	9.433	43	11722	8.657	ug/l	100
67) Ethyl Benzene	10.195	91	140543	21.256	ug/l	98
68) m/p-Xylenes	10.305	106	727163	283.229	ug/l	100
69) o-Xylene	10.640	106	280104	112.211	ug/l	100
73) Isopropylbenzene	10.963	105	111458	15.244	ug/l	100
78) n-propylbenzene	11.305	91	290024	34.429	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	595990	95.376	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	2268980	365.075	ug/l	98
85) sec-Butylbenzene	11.890	105	53941m	7.186	ug/l	
86) p-Isopropyltoluene	12.012	119	29068	4.563	ug/l	98
89) n-Butylbenzene	12.329	91	186720	33.695	ug/l #	34
95) Naphthalene	13.774	128	1010670	139.527	ug/l	99

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

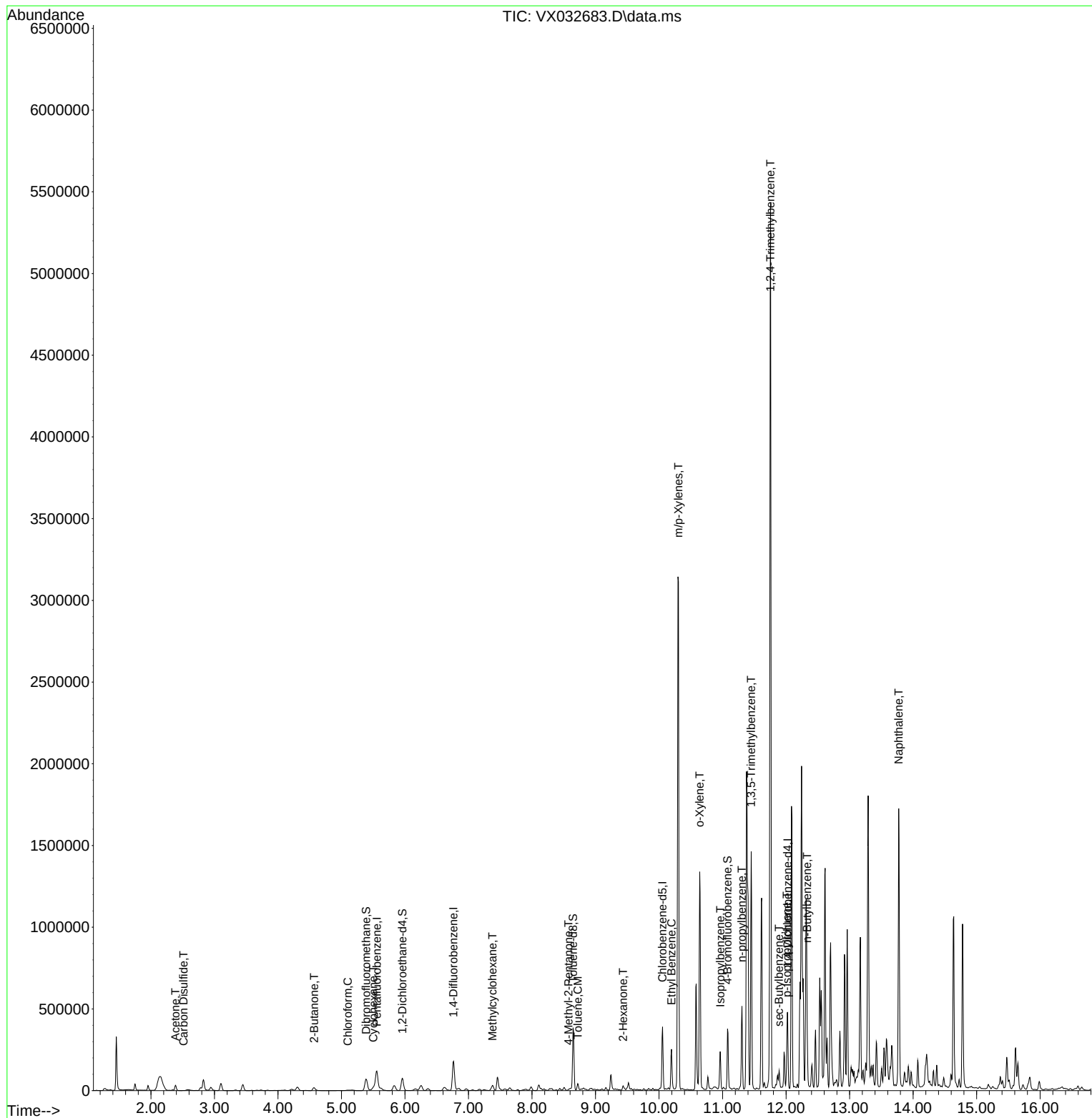
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
Data File : VX032683.D
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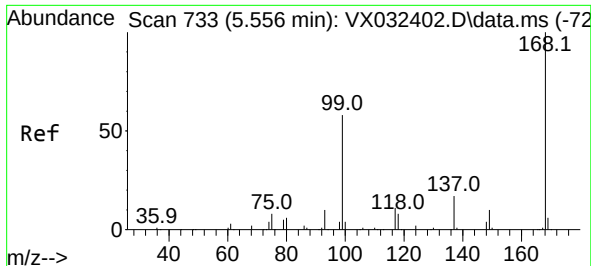
Instrument :
MSVOA_X
ClientSampleId :
SCP122869-TOTE

Quant Time: Nov 10 03:05:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

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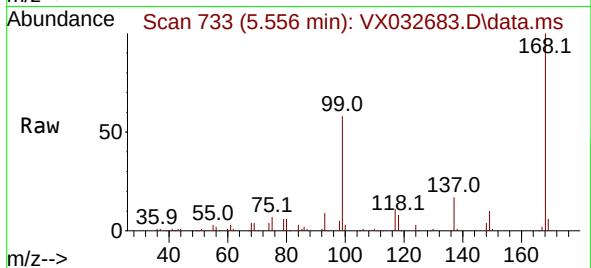
Reviewed By : John Carlone 11/10/2022
Supervised By : Mahesh Dadoda 11/10/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

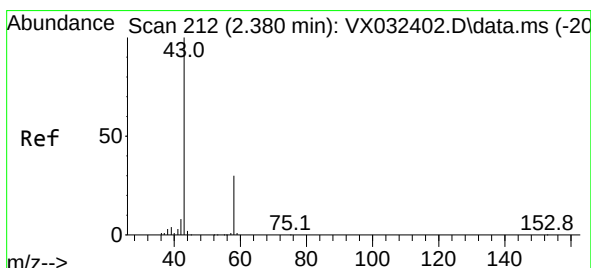
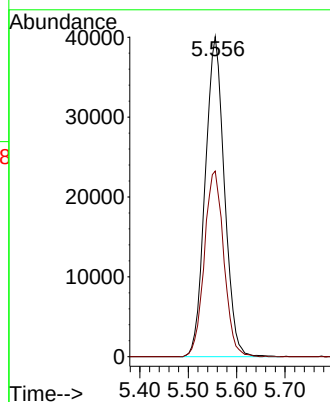
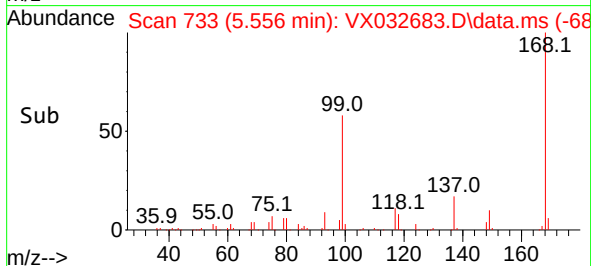
Instrument :
MSVOA_X
ClientSampleId :
SCP122869-TOTE



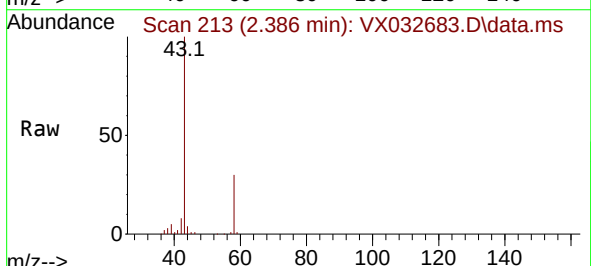
Tgt Ion:168 Resp: 110292
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1

Manual Integrations
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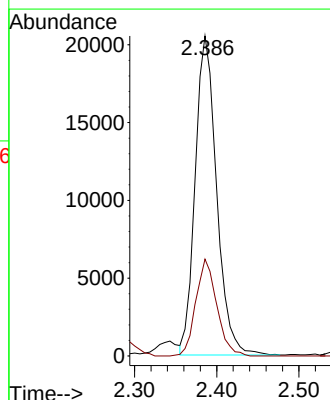
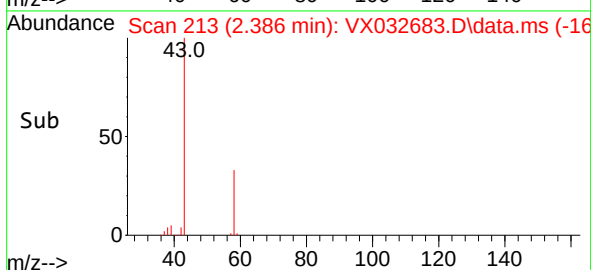
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022

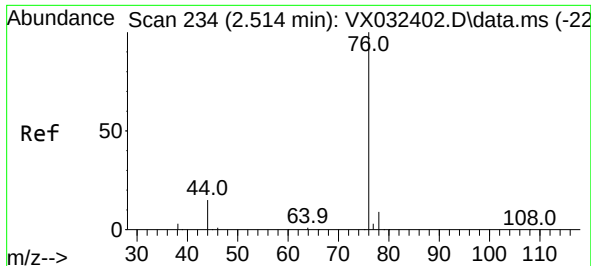


#16
Acetone
Concen: 66.729 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38



Tgt Ion: 43 Resp: 37167
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.8





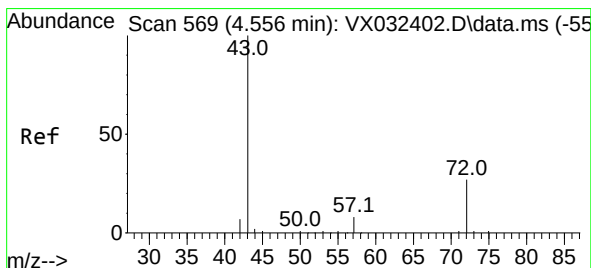
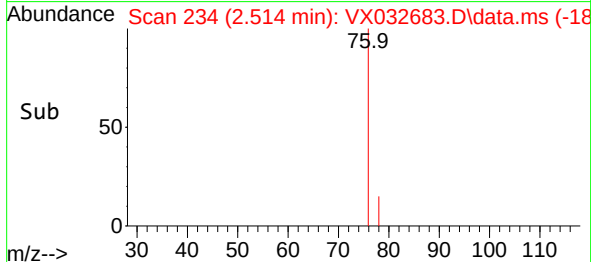
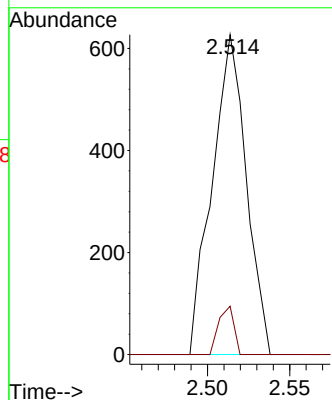
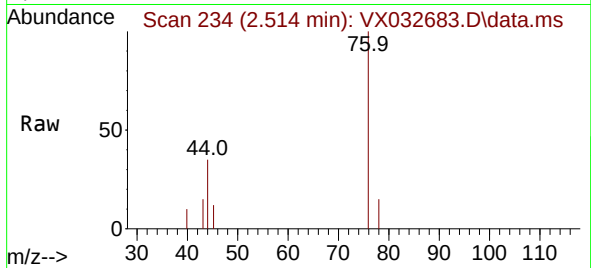
#17
Carbon Disulfide
Concen: 0.344 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

Instrument :
MSVOA_X
ClientSampleId :
SCP122869-TOTE

Tgt Ion: 76 Resp: 900
Ion Ratio Lower Upper
76 100
78 15.2 7.5 11.3

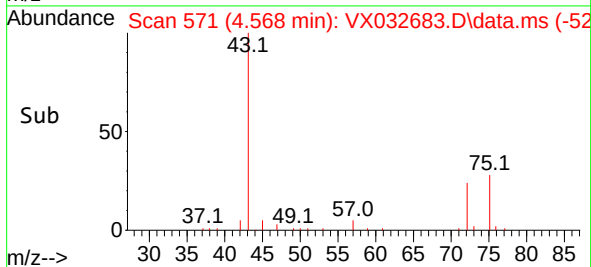
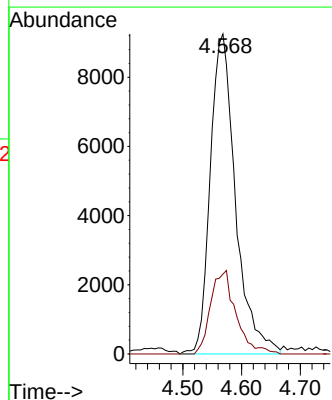
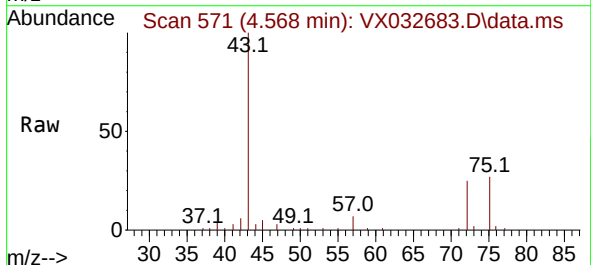
Manual Integrations
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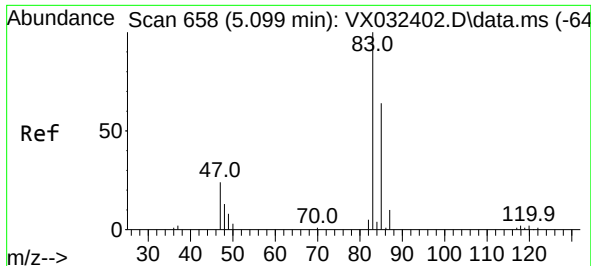
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#25
2-Butanone
Concen: 32.015 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

Tgt Ion: 43 Resp: 27627
Ion Ratio Lower Upper
43 100
72 24.9 22.2 33.2





#30

Chloroform

Concen: 0.743 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX032683.D

Acq: 09 Nov 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

SCP122869-TOTE

Tgt Ion: 83 Resp: 1789

Ion Ratio Lower Upper

83 100

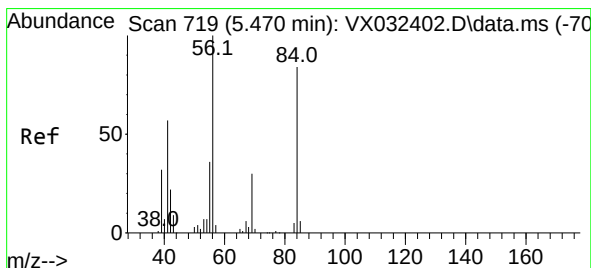
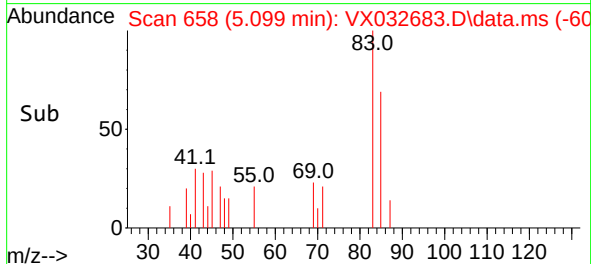
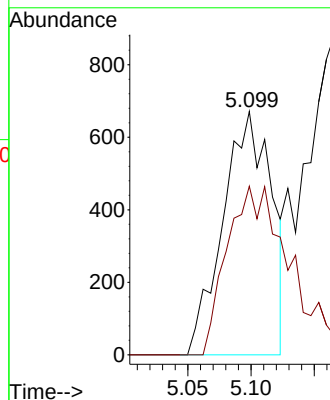
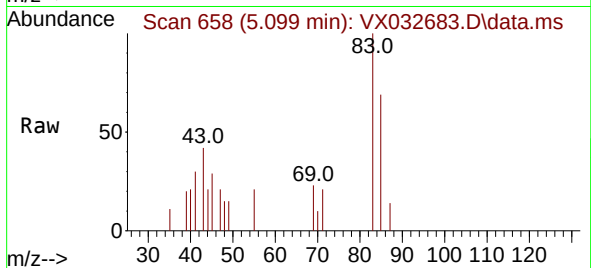
85 69.3 51.1 76.7

Manual Integrations

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Reviewed By :John Carlone 11/10/2022

Supervised By :Mahesh Dadoda 11/10/2022



#31

Cyclohexane

Concen: 5.243 ug/l

RT: 5.501 min Scan# 724

Delta R.T. 0.030 min

Lab File: VX032683.D

Acq: 09 Nov 2022 16:38

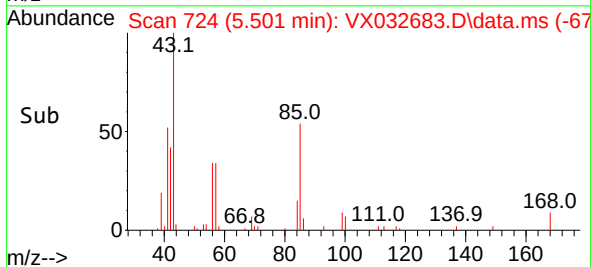
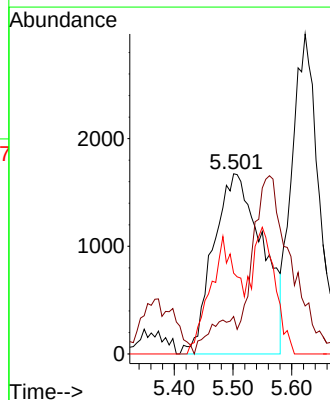
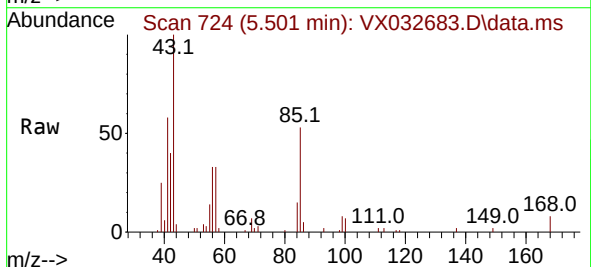
Tgt Ion: 56 Resp: 9742

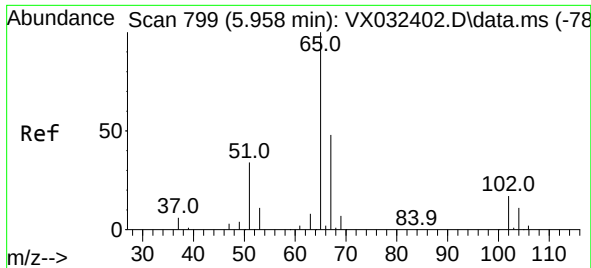
Ion Ratio Lower Upper

56 100

69 5.3 24.1 36.1#

84 44.8 66.9 100.3#





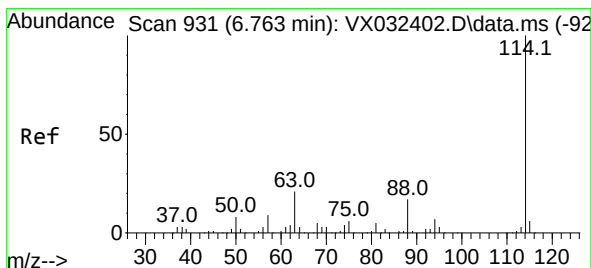
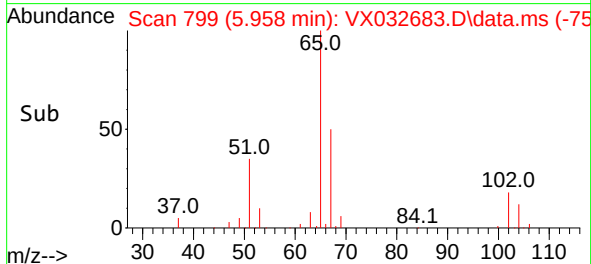
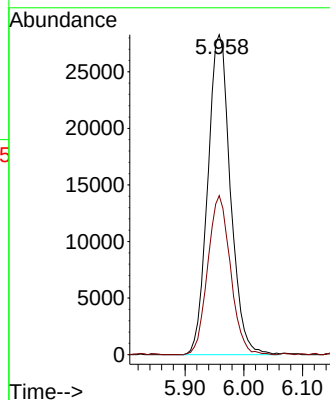
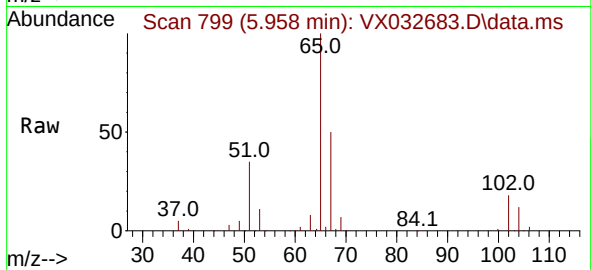
#33
1,2-Dichloroethane-d4
Concen: 49.455 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

Instrument :
MSVOA_X
ClientSampleId :
SCP122869-TOTE

Tgt Ion: 65 Resp: 75789
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.8

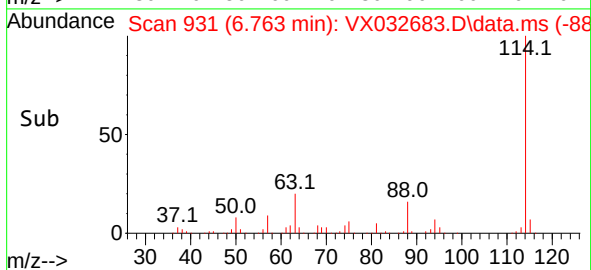
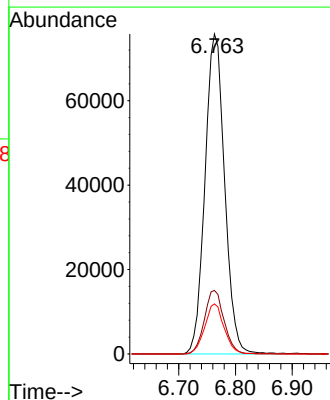
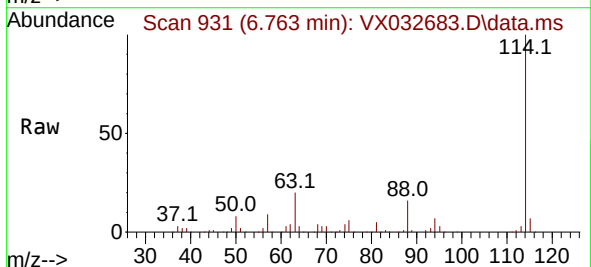
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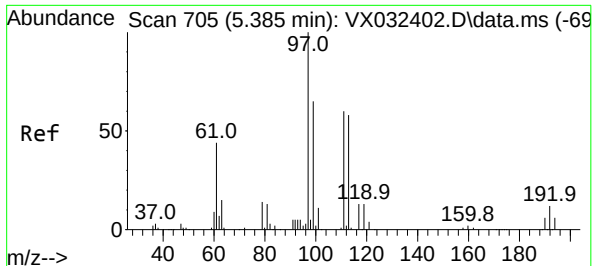
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

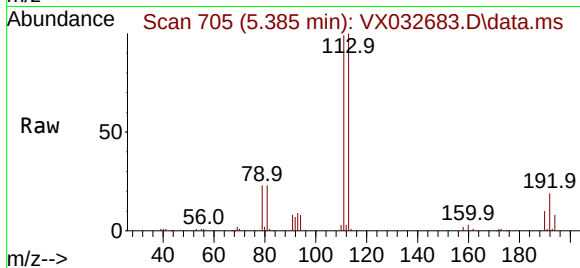
Tgt Ion:114 Resp: 182502
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.7 0.0 33.4





#35
Dibromofluoromethane
Concen: 45.696 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

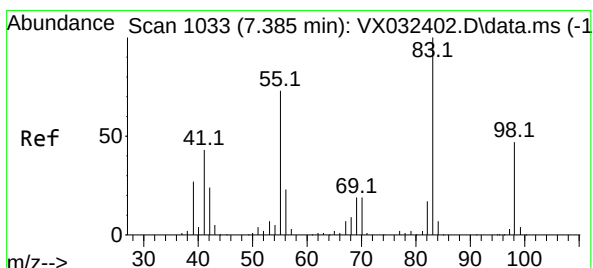
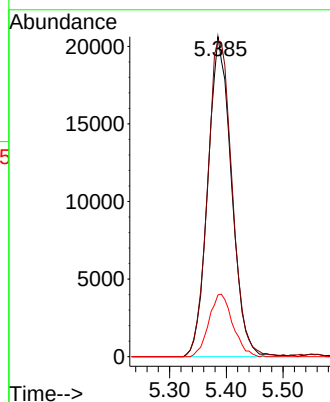
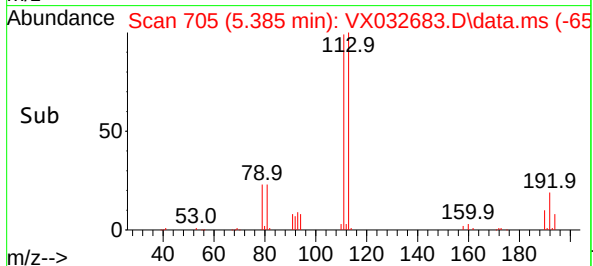
Instrument :
MSVOA_X
ClientSampleId :
SCP122869-TOTE



Tgt Ion: 113 Resp: 5948
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 19.8 15.4 23.2

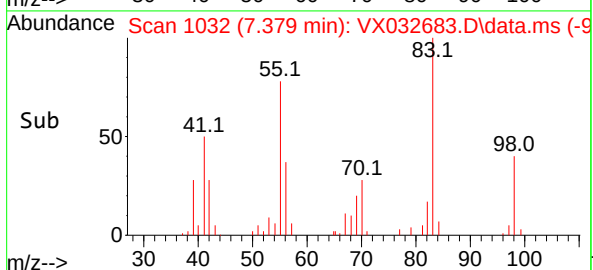
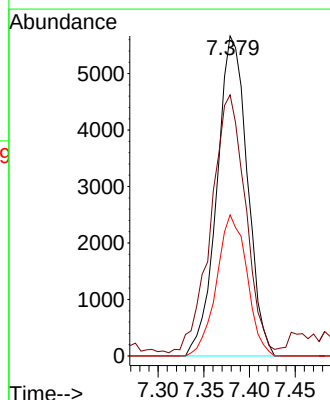
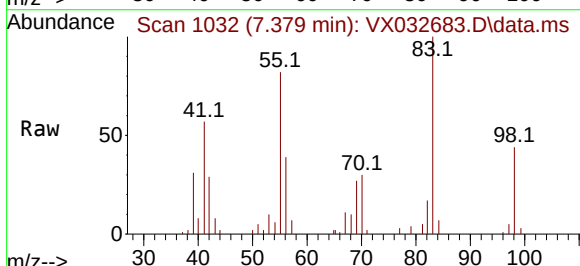
Manual Integrations
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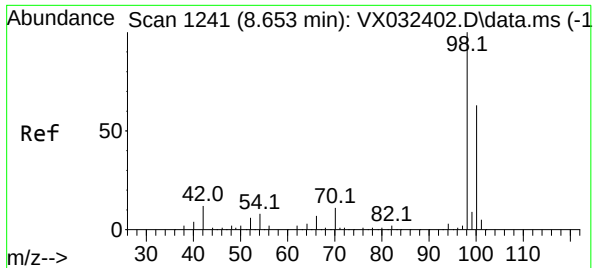
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#39
Methylcyclohexane
Concen: 6.128 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

Tgt Ion: 83 Resp: 13143
Ion Ratio Lower Upper
83 100
55 79.7 58.4 87.6
98 44.1 37.2 55.8





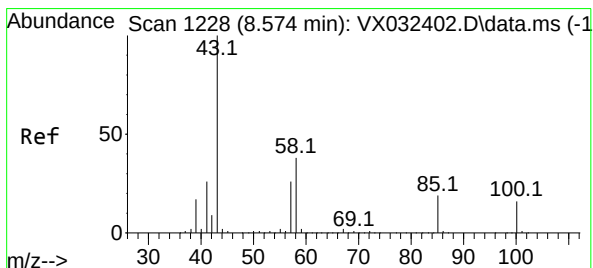
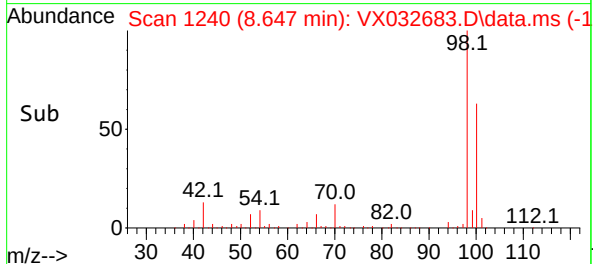
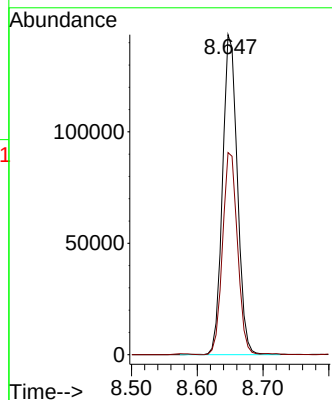
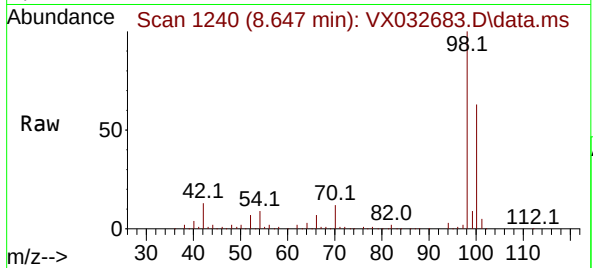
#50
Toluene-d8
Concen: 49.726 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

Instrument :
MSVOA_X
ClientSampleId :
SCP122869-TOTE

Tgt Ion: 98 Resp: 22509
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

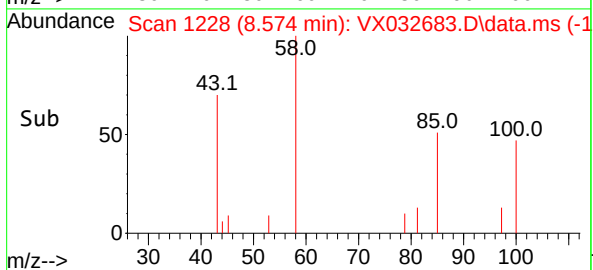
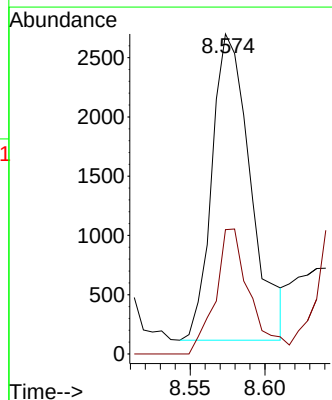
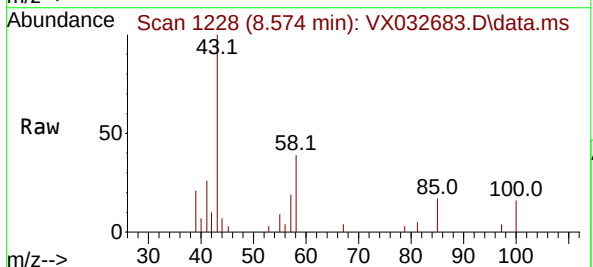
Manual Integrations
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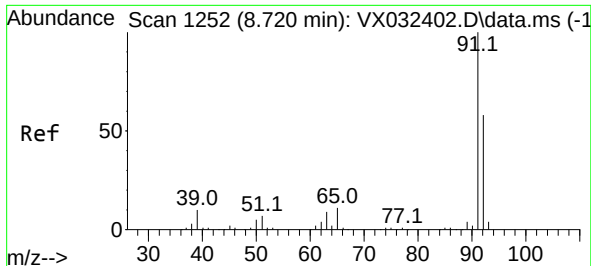
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#51
4-Methyl-2-Pentanone
Concen: 2.550 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

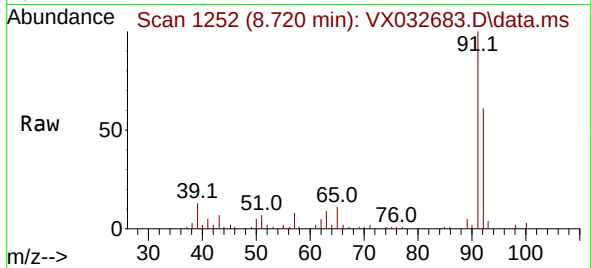
Tgt Ion: 43 Resp: 4654
Ion Ratio Lower Upper
43 100
58 36.6 30.9 46.3





#52
Toluene
Concen: 4.082 ug/l
RT: 8.720 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

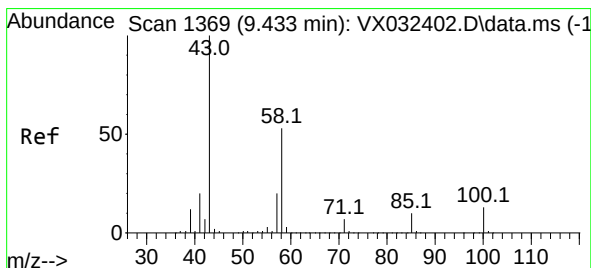
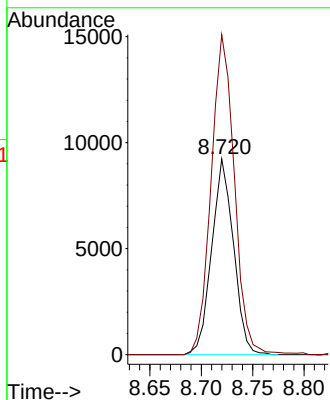
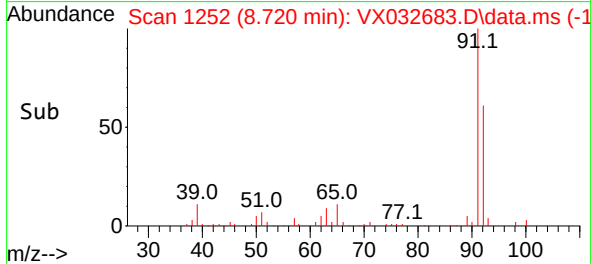
Instrument :
MSVOA_X
ClientSampleId :
SCP122869-TOTE



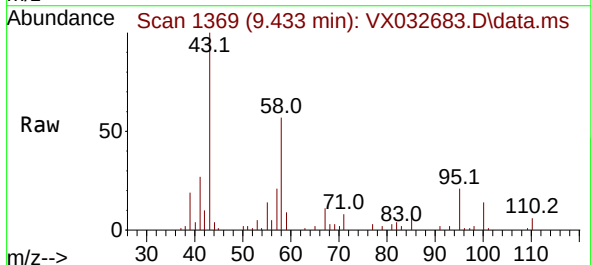
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Ion Ratio Lower Upper
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91 174.3 138.3 207.5

Manual Integrations
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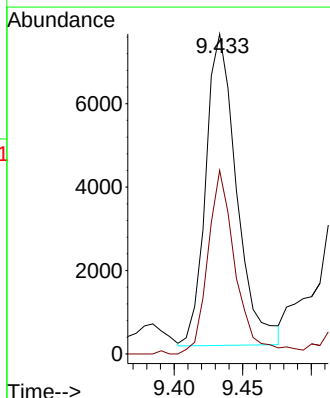
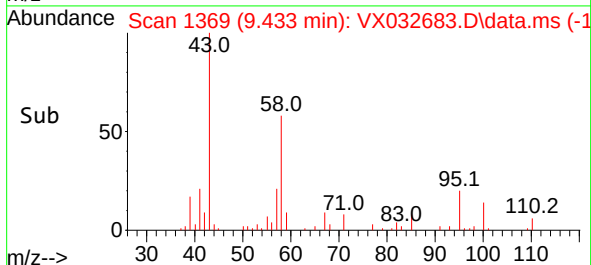
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022

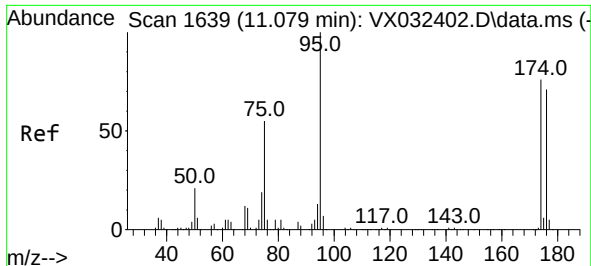


#59
2-Hexanone
Concen: 8.657 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38



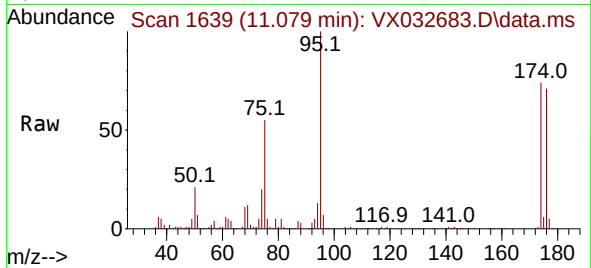
Tgt Ion: 43 Resp: 11722
Ion Ratio Lower Upper
43 100
58 52.8 26.5 79.5





#62
4-Bromofluorobenzene
Concen: 53.409 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

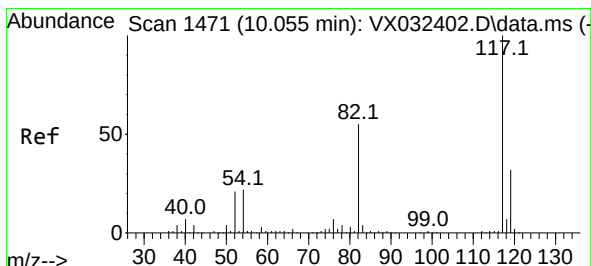
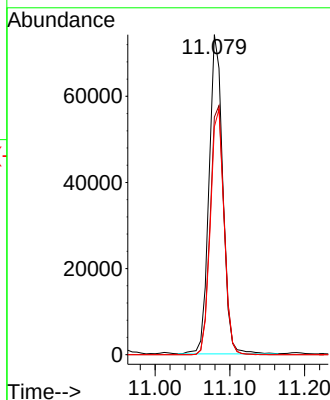
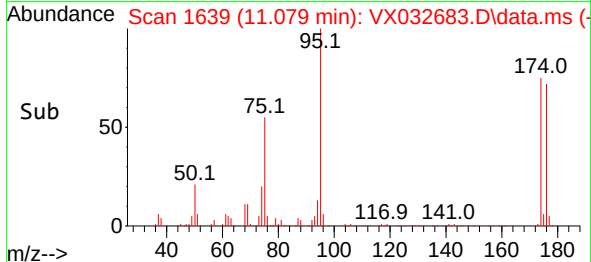
Instrument :
MSVOA_X
ClientSampleId :
SCP122869-TOTE



Tgt Ion: 95 Resp: 94439
Ion Ratio Lower Upper
95 100
174 79.0 0.0 164.0
176 76.5 0.0 154.4

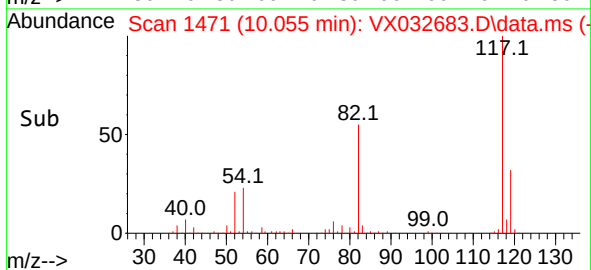
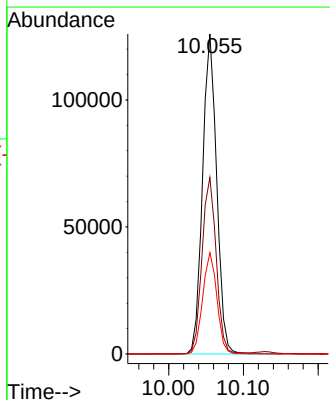
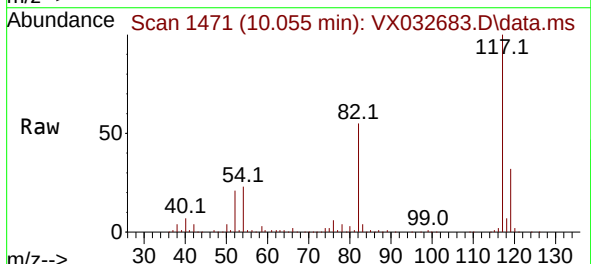
Manual Integrations
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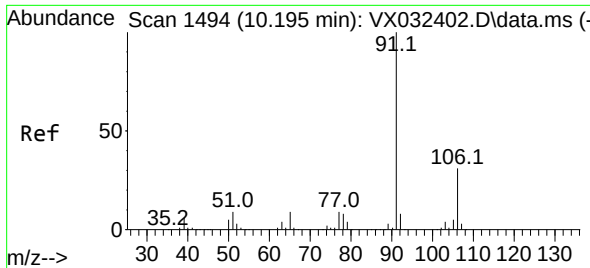
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

Tgt Ion:117 Resp: 165058
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 31.6 25.7 38.5





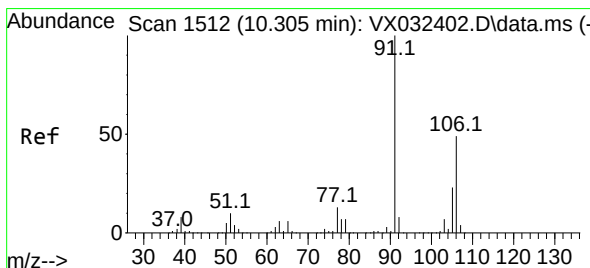
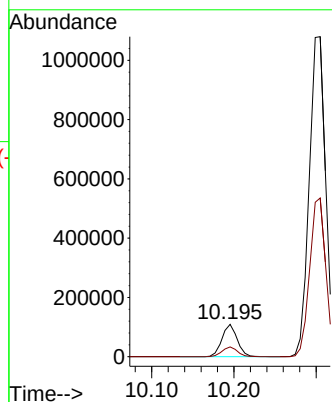
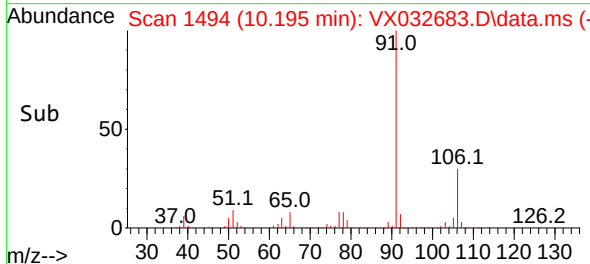
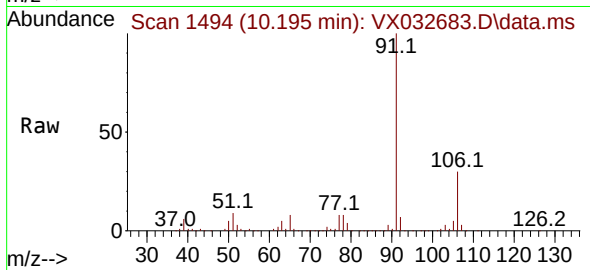
#67
Ethyl Benzene
Concen: 21.256 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

Instrument :
MSVOA_X
ClientSampleId :
SCP122869-TOTE

Tgt Ion: 91 Resp: 14054
Ion Ratio Lower Upper
91 100
106 30.4 25.0 37.6

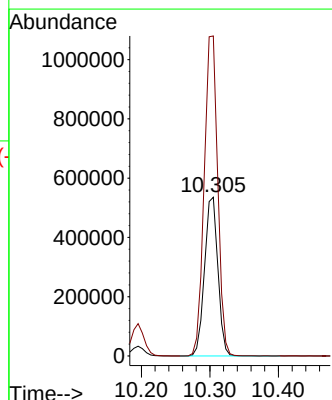
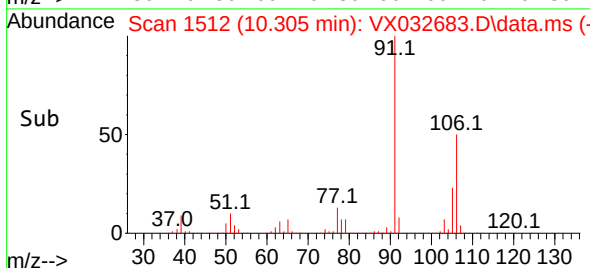
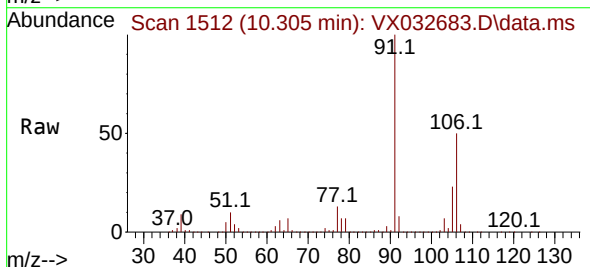
Manual Integrations
APPROVED

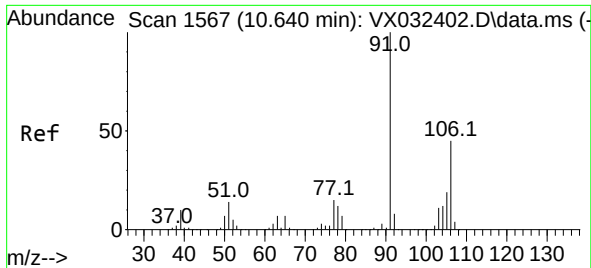
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#68
m/p-Xylenes
Concen: 283.229 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

Tgt Ion:106 Resp: 727163
Ion Ratio Lower Upper
106 100
91 204.9 164.5 246.7





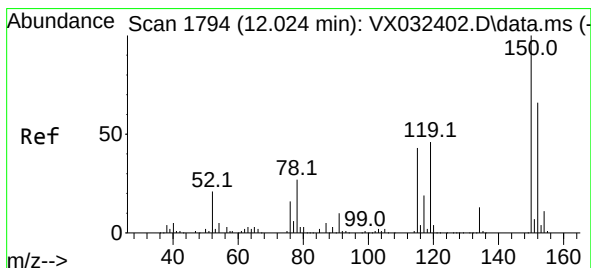
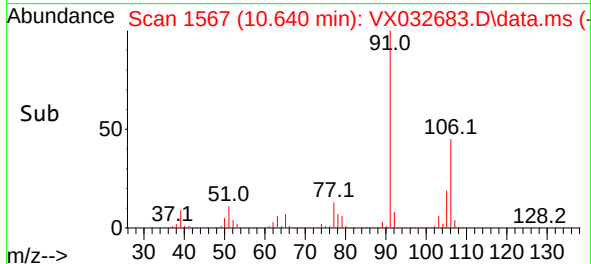
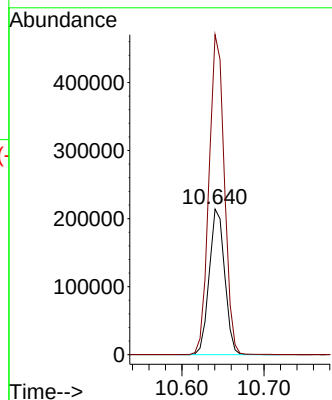
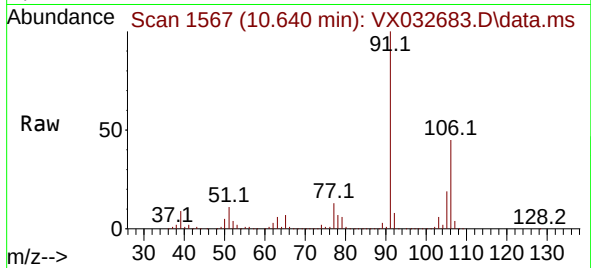
#69
o-Xylene
Concen: 112.211 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

Instrument :
MSVOA_X
ClientSampleId :
SCP122869-TOTE

Tgt Ion:106 Resp: 280104
Ion Ratio Lower Upper
106 100
91 217.9 109.2 327.6

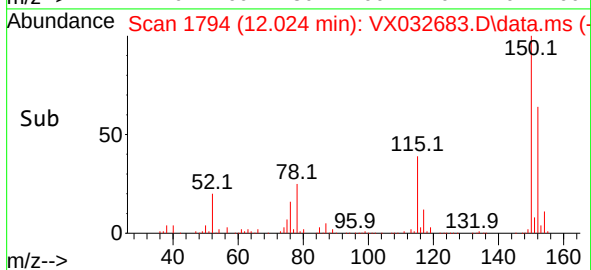
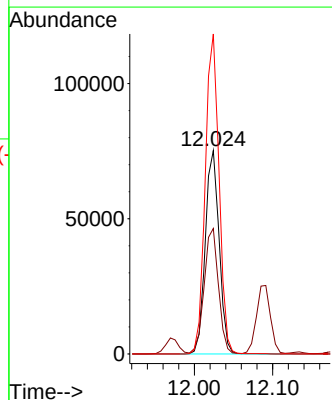
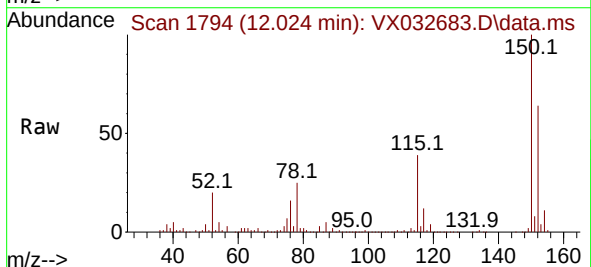
Manual Integrations
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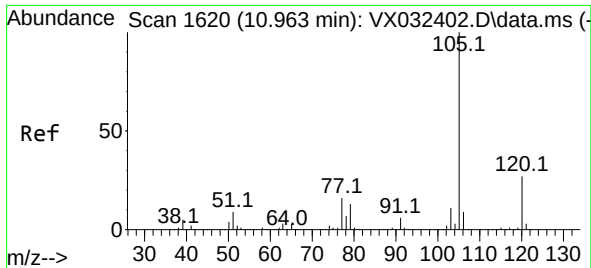
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

Tgt Ion:152 Resp: 92268
Ion Ratio Lower Upper
152 100
115 63.3 44.0 132.0
150 156.2 0.0 351.8





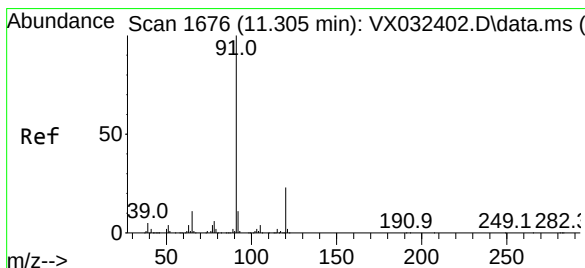
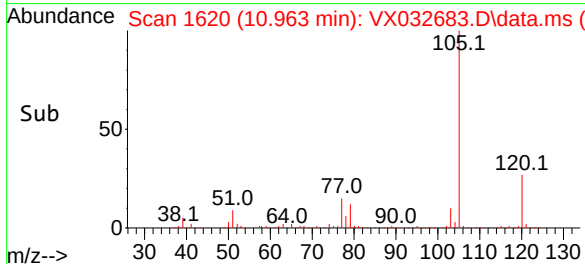
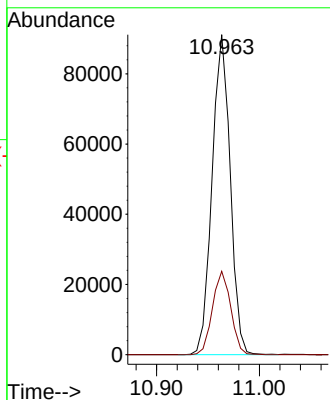
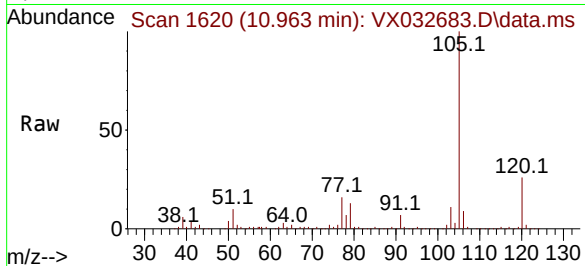
#73
Isopropylbenzene
Concen: 15.244 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

Instrument :
MSVOA_X
ClientSampleId :
SCP122869-TOTE

Tgt Ion:105 Resp: 111458
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3

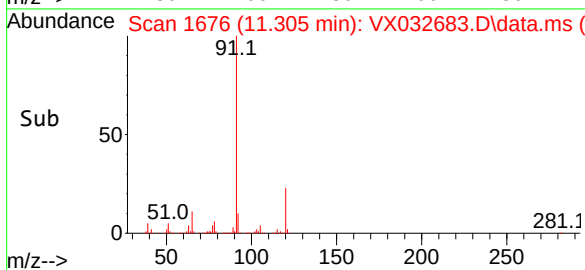
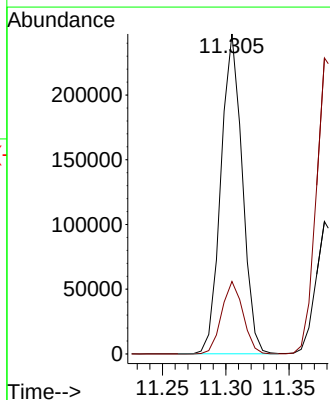
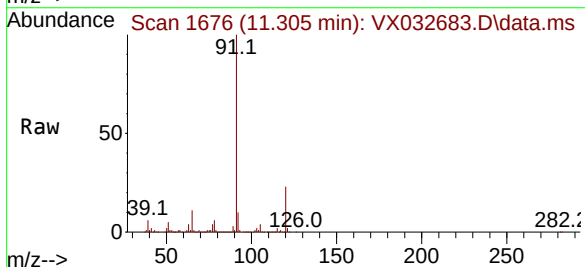
Manual Integrations
APPROVED

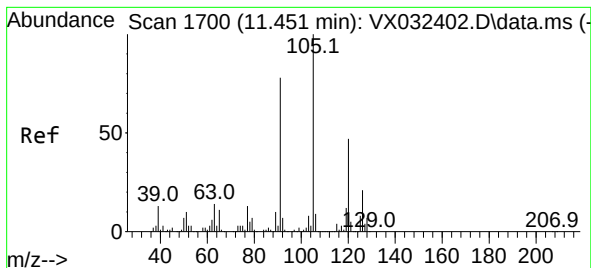
Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#78
n-propylbenzene
Concen: 34.429 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

Tgt Ion: 91 Resp: 290024
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 95.376 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032683.D

Acq: 09 Nov 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

SCP122869-TOTE

Tgt Ion:105 Resp: 595990

Ion Ratio Lower Upper

105 100

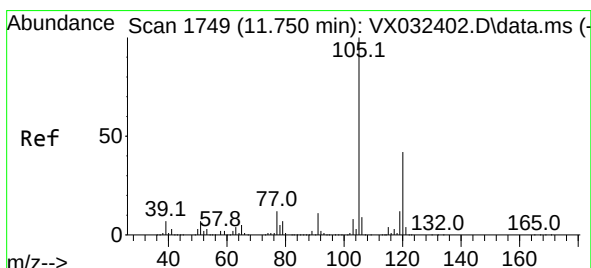
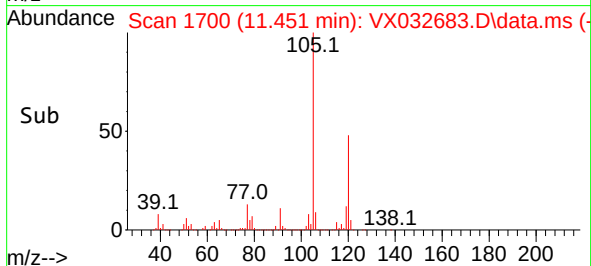
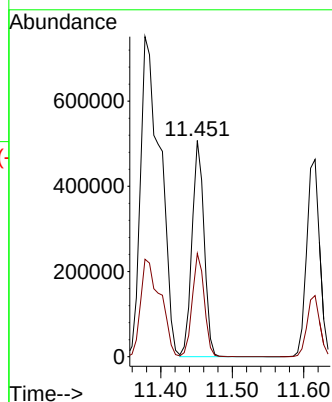
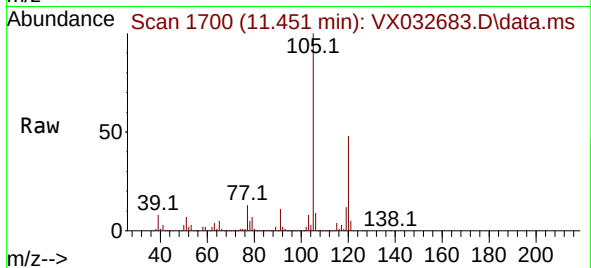
120 47.3 23.6 71.0

Manual Integrations

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Reviewed By :John Carlone 11/10/2022

Supervised By :Mahesh Dadoda 11/10/2022



#84

1,2,4-Trimethylbenzene

Concen: 365.075 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX032683.D

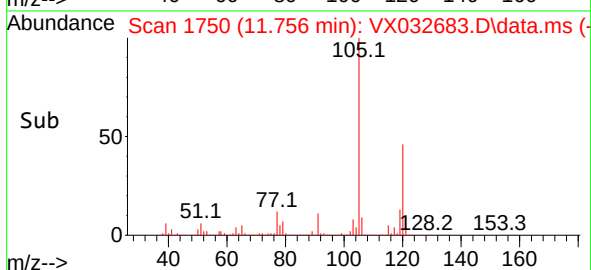
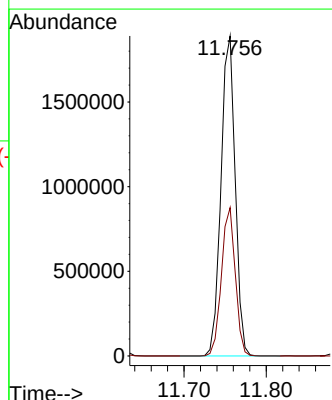
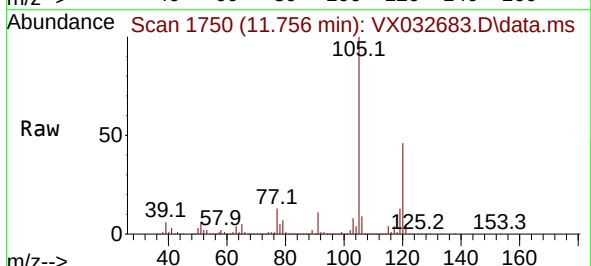
Acq: 09 Nov 2022 16:38

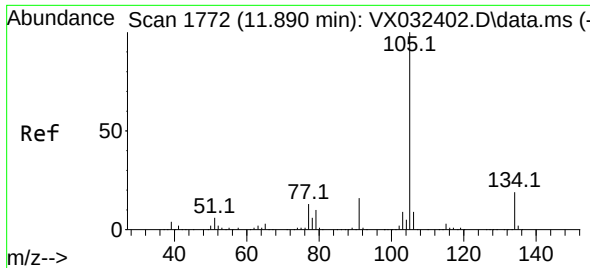
Tgt Ion:105 Resp: 2268980

Ion Ratio Lower Upper

105 100

120 45.3 21.9 65.5





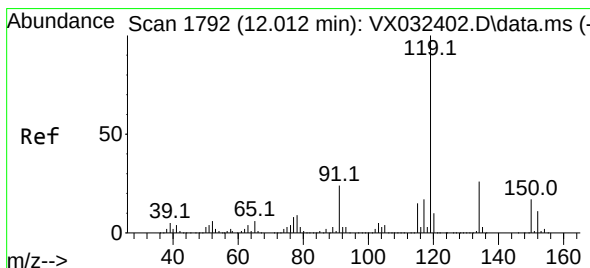
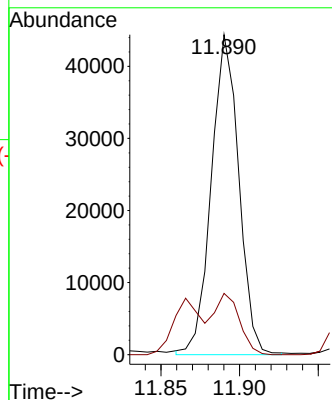
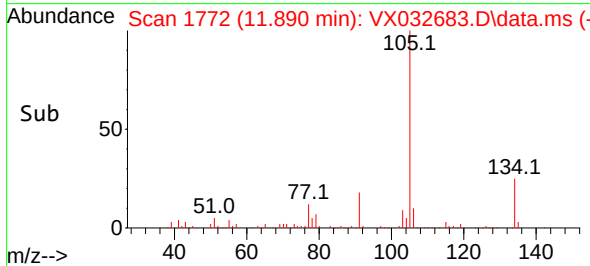
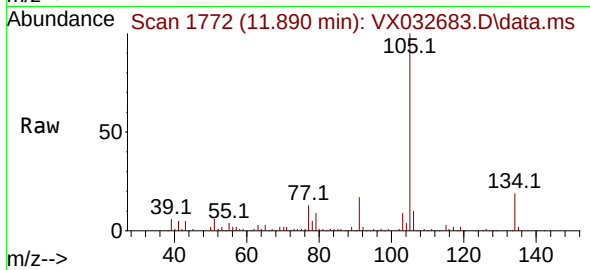
#85
 sec-Butylbenzene
 Concen: 7.186 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032683.D
 Acq: 09 Nov 2022 16:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SCP122869-TOTE

Tgt Ion:105 Resp: 5394
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7

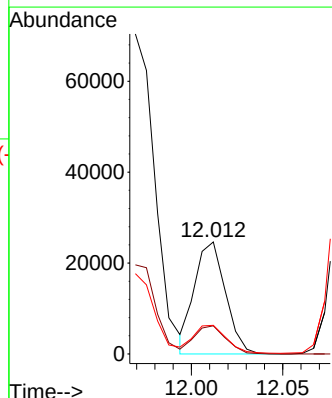
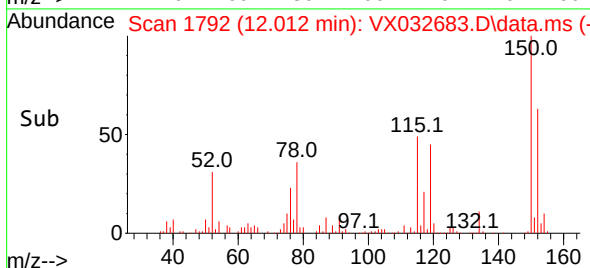
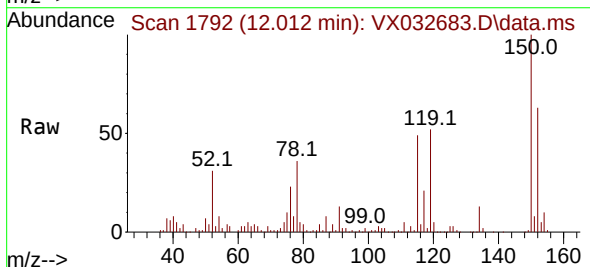
Manual Integrations
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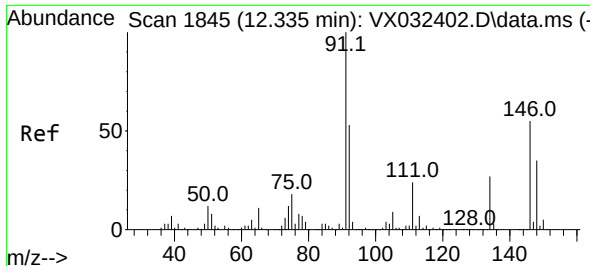
Reviewed By :John Carlone 11/10/2022
 Supervised By :Mahesh Dadoda 11/10/2022



#86
 p-Isopropyltoluene
 Concen: 4.563 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032683.D
 Acq: 09 Nov 2022 16:38

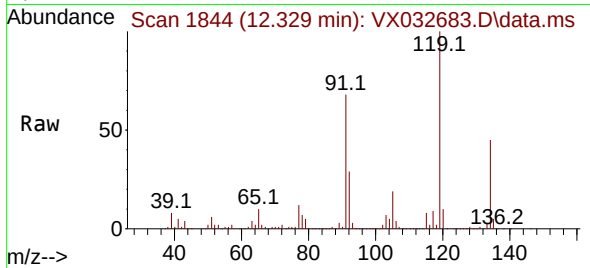
Tgt Ion:119 Resp: 29068
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 26.6 12.5 37.5





#89
n-Butylbenzene
Concen: 33.695 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

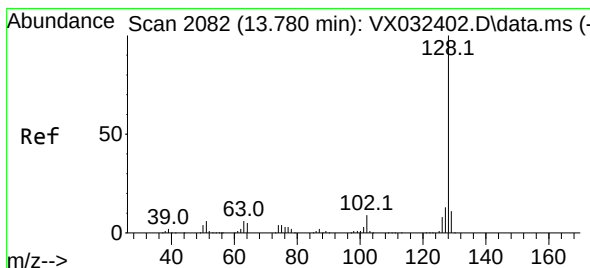
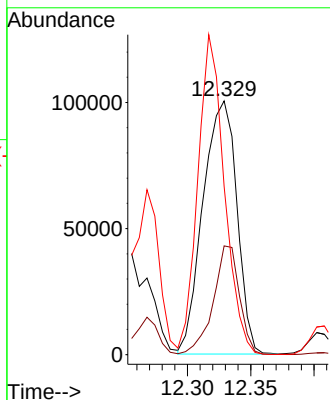
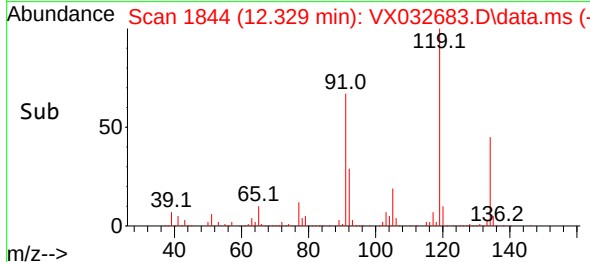
Instrument :
MSVOA_X
ClientSampleId :
SCP122869-TOTE



Tgt Ion: 91 Resp: 186720
Ion Ratio Lower Upper
91 100
92 33.3 26.2 78.6
134 99.0 12.9 38.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#95
Naphthalene
Concen: 139.527 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032683.D
Acq: 09 Nov 2022 16:38

Tgt Ion:128 Resp: 1010670
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.5 8.9 13.3

