

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031523.D
 Acq On : 21 Sep 2022 14:42
 Operator : JC/MD
 Sample : N4720-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0131

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 01:13:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	97482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103852	58.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.320%			
35) Dibromofluoromethane	5.385	113	87149	52.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.740%			
50) Toluene-d8	8.647	98	359290	55.981	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.960%			
62) 4-Bromofluorobenzene	11.079	95	208215	95.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 191.560%#			
Target Compounds					Qvalue	
15) Acrylonitrile	3.069	53	1501	1.595	ug/l	97
16) Acetone	2.392	43	738632	1090.569	ug/l #	89
17) Carbon Disulfide	2.520	76	58614	14.337	ug/l	98
18) Methyl Acetate	2.709	43	9188	3.439	ug/l	98
25) 2-Butanone	4.568	43	28282	20.491	ug/l	96
37) Ethyl Acetate	4.721	43	57426	18.799	ug/l	98
40) Benzene	6.044	78	778241	101.876	ug/l	95
52) Toluene	8.720	92	283356	56.874	ug/l	100
67) Ethyl Benzene	10.195	91	49259	5.430	ug/l	97
68) m/p-Xylenes	10.299	106	109057	29.912	ug/l	98
69) o-Xylene	10.640	106	119544	34.352	ug/l	88
70) Styrene	10.659	104	285238	49.782	ug/l	91
73) Isopropylbenzene	10.964	105	4294	0.533	ug/l	89
78) n-propylbenzene	11.305	91	7310	0.789	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	23837	3.489	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	154736m	23.000	ug/l	
85) sec-Butylbenzene	11.750	105	154643	18.456	ug/l #	56
95) Naphthalene	13.780	128	9147972	1183.845	ug/l #	90

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

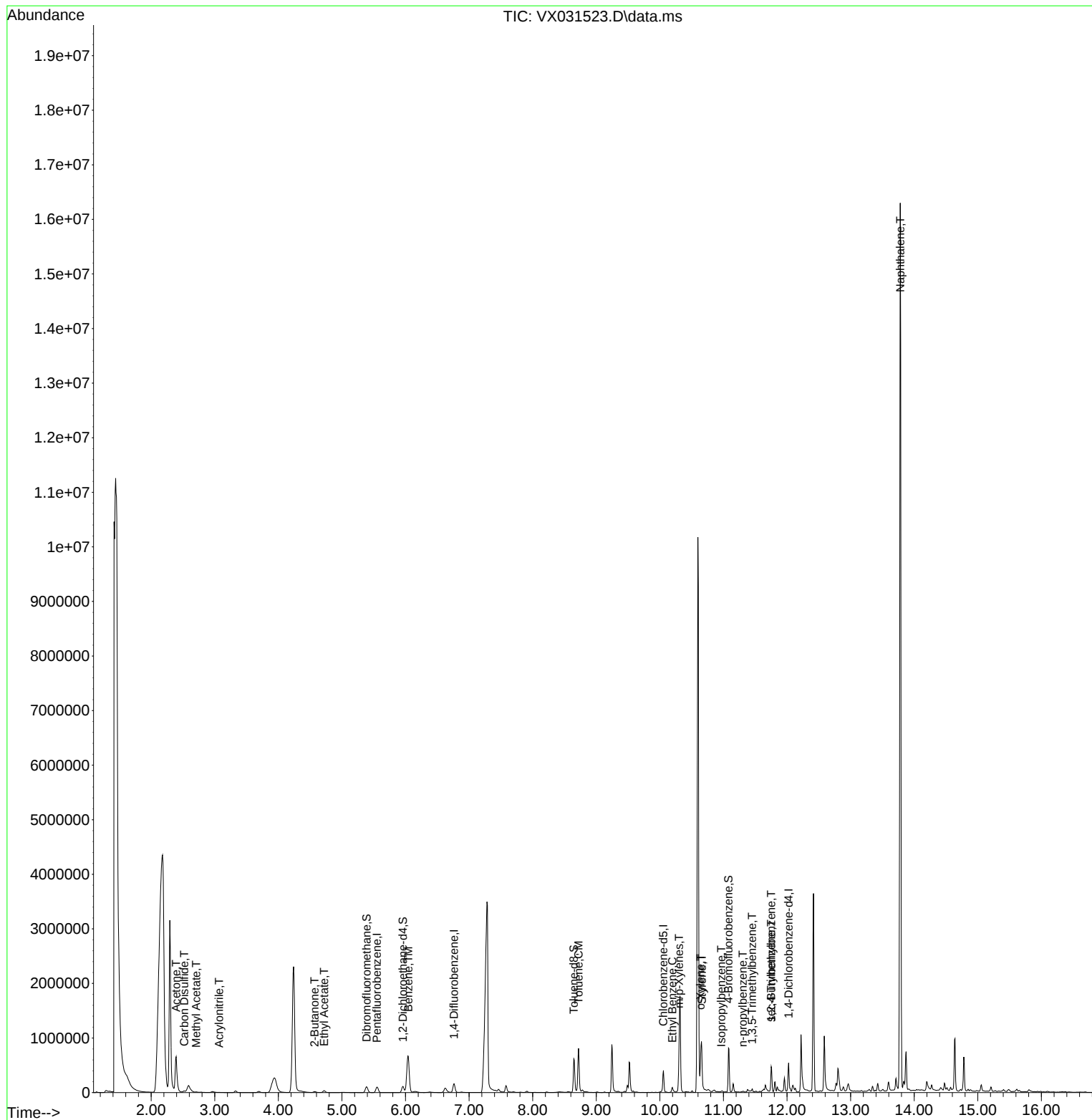
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
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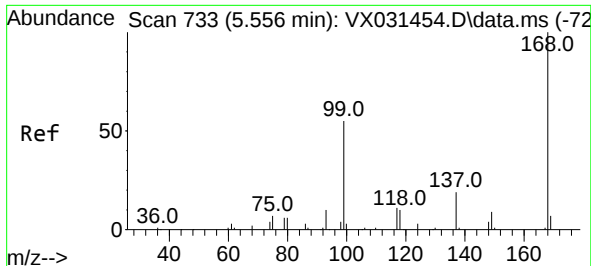
Instrument :
MSVOA_X
ClientSampleId :
ORA-0131

Quant Time: Sep 22 01:13:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

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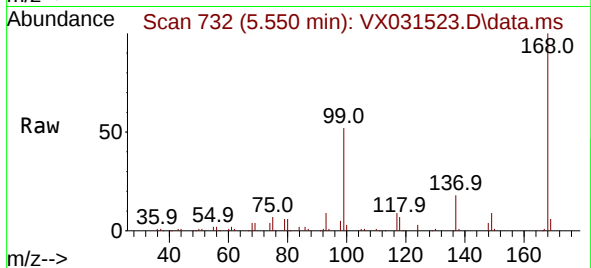
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42

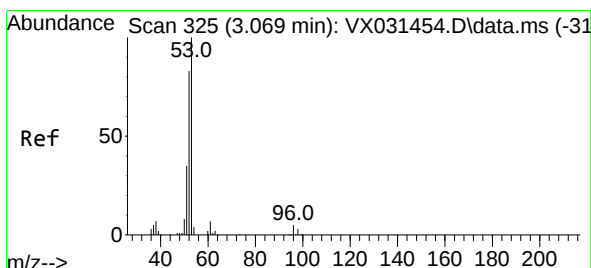
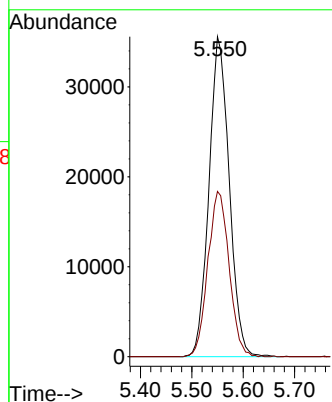
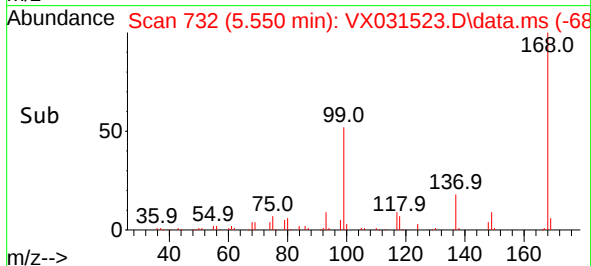
Instrument :
MSVOA_X
ClientSampleId :
ORA-0131



Tgt Ion:168 Resp: 9748
Ion Ratio Lower Upper
168 100
99 51.7 48.8 73.2

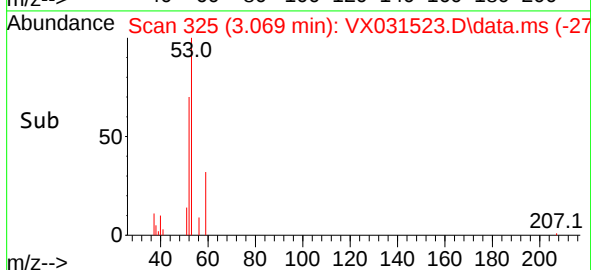
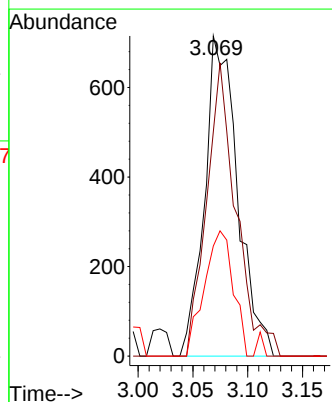
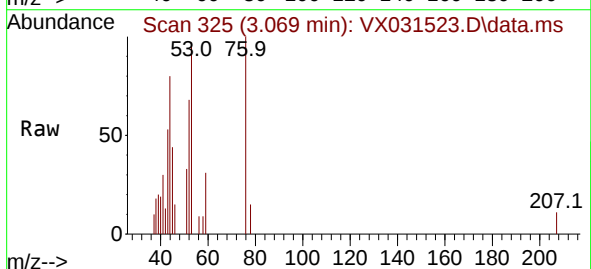
Manual Integrations
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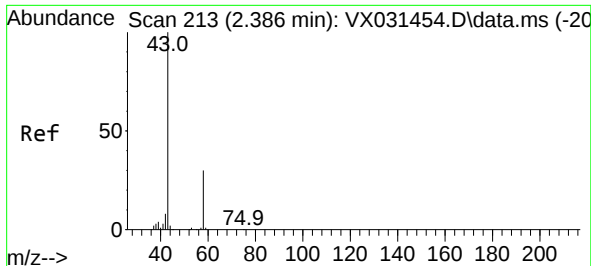
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#15
Acrylonitrile
Concen: 1.595 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42

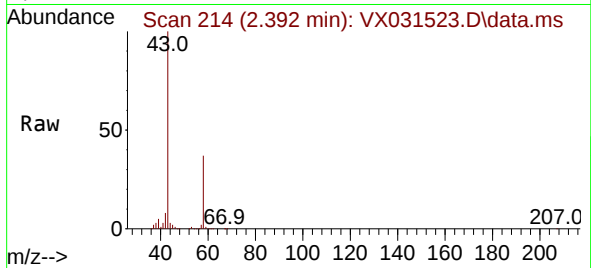
Tgt Ion: 53 Resp: 1501
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 34.2 30.0 45.0





#16
Acetone
Concen: 1090.569 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42

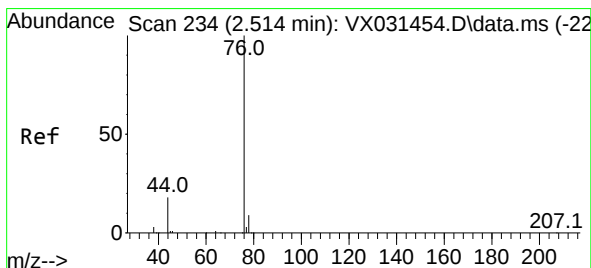
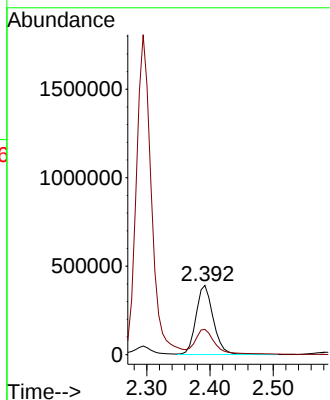
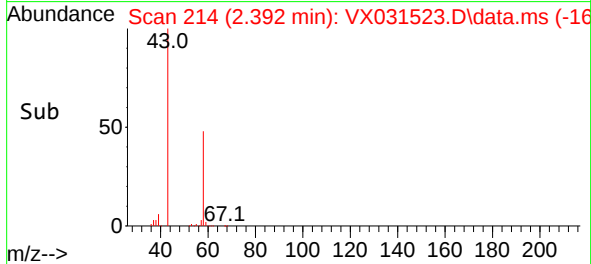
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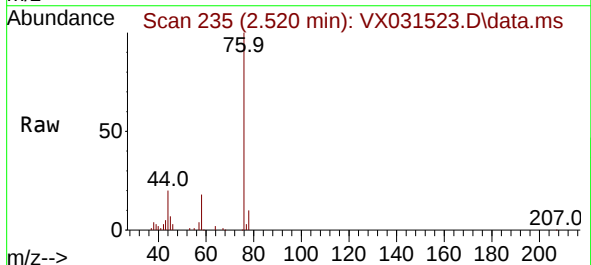
Tgt Ion: 43 Resp: 738632
Ion Ratio Lower Upper
43 100
58 35.8 23.8 35.8

Manual Integrations
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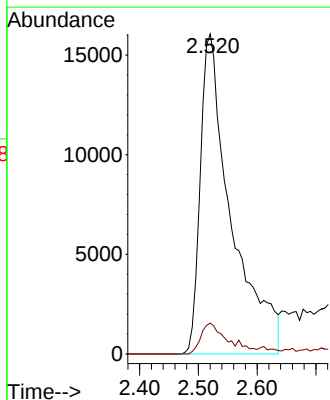
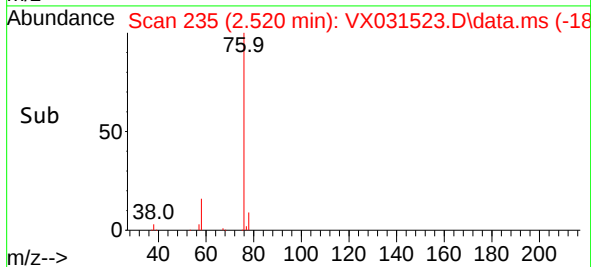
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

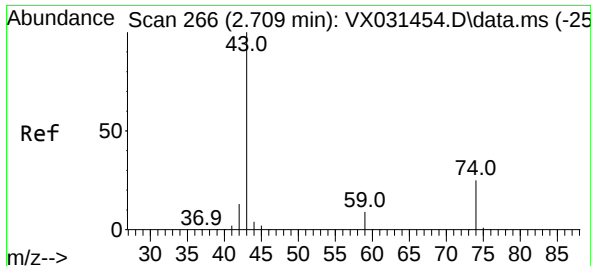


#17
Carbon Disulfide
Concen: 14.337 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42



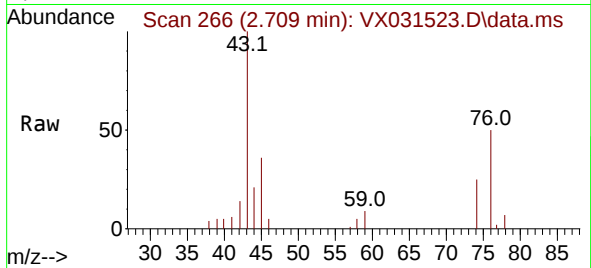
Tgt Ion: 76 Resp: 58614
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8





#18
Methyl Acetate
Concen: 3.439 ug/l
RT: 2.709 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42

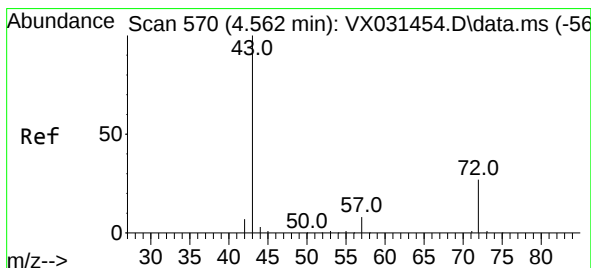
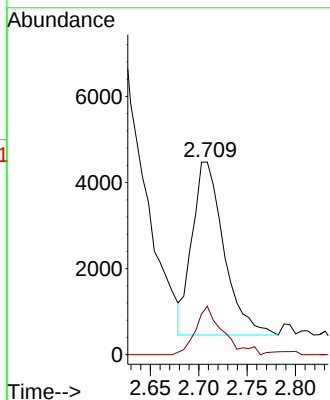
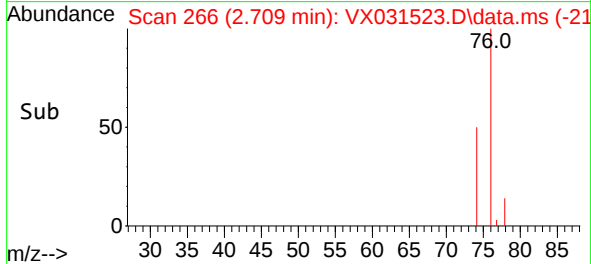
Instrument :
MSVOA_X
ClientSampleId :
ORA-0131



Tgt Ion: 43 Resp: 9188
Ion Ratio Lower Upper
43 100
74 24.3 18.6 27.8

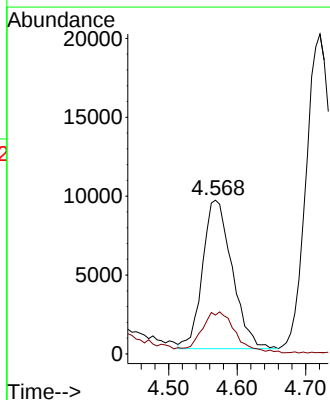
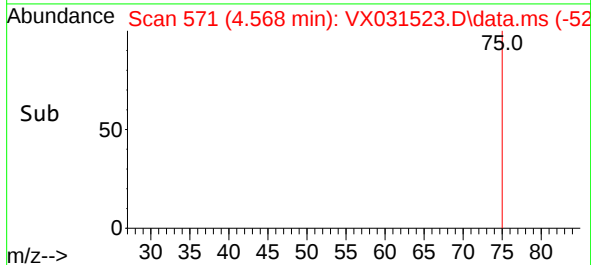
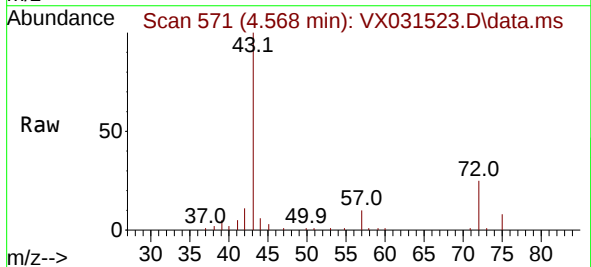
Manual Integrations
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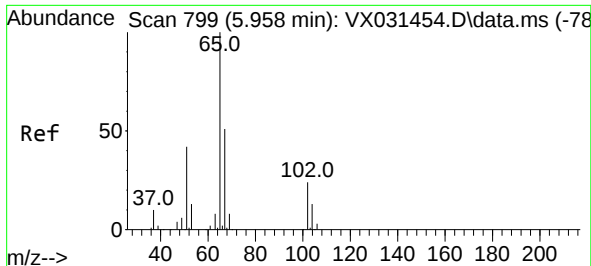
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#25
2-Butanone
Concen: 20.491 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42

Tgt Ion: 43 Resp: 28282
Ion Ratio Lower Upper
43 100
72 24.2 21.1 31.7





#33

1,2-Dichloroethane-d4

Concen: 58.158 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031523.D

Acq: 21 Sep 2022 14:42

Instrument :

MSVOA_X

ClientSampleId :

ORA-0131

Tgt Ion: 65 Resp: 103852

Ion Ratio Lower Upper

65 100

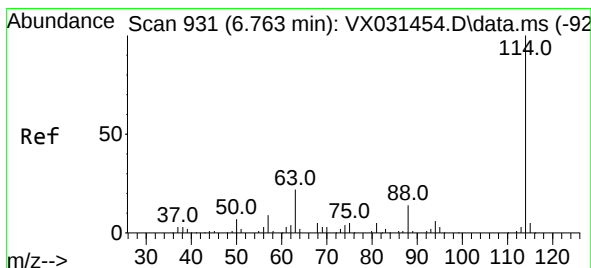
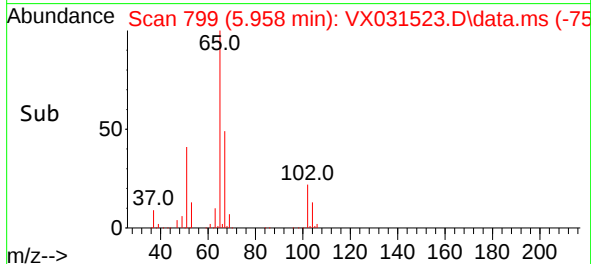
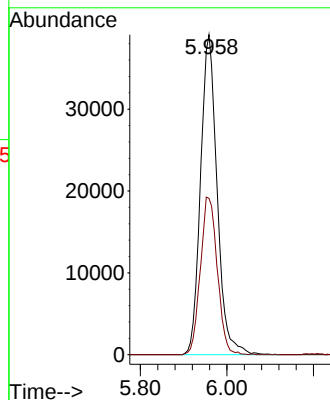
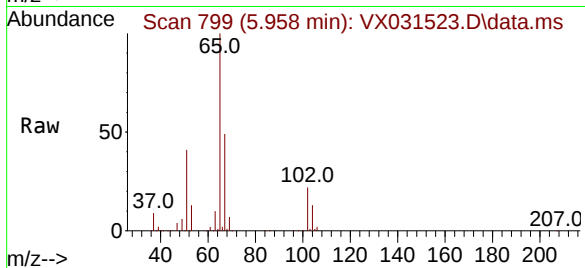
67 50.2 0.0 102.4

Manual Integrations

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Supervised By :Mahesh Dadoda 09/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031523.D

Acq: 21 Sep 2022 14:42

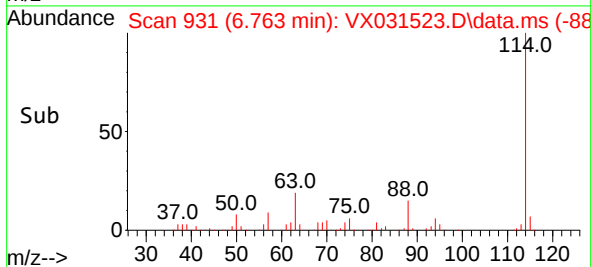
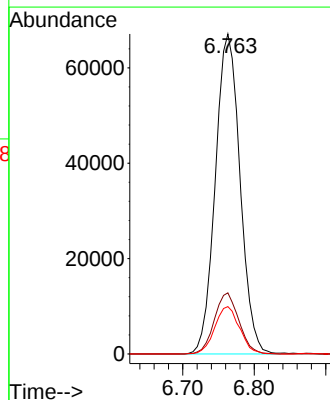
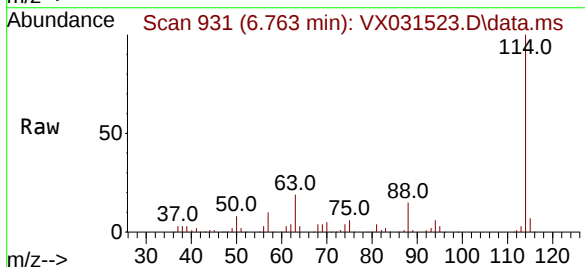
Tgt Ion:114 Resp: 161091

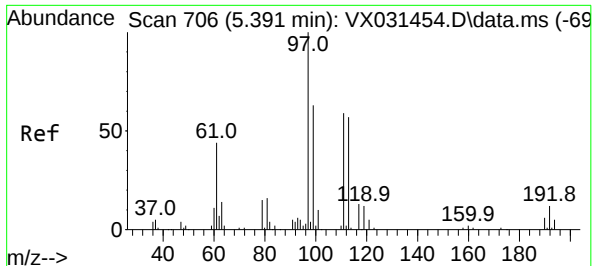
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

88 14.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.375 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031523.D

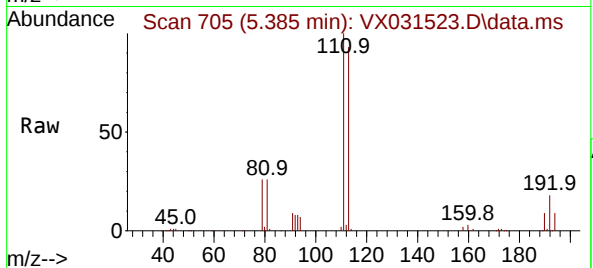
Acq: 21 Sep 2022 14:42

Instrument :

MSVOA_X

ClientSampleId :

ORA-0131



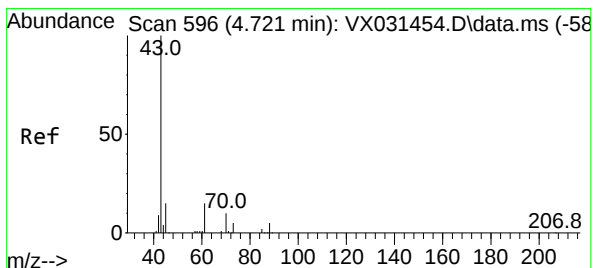
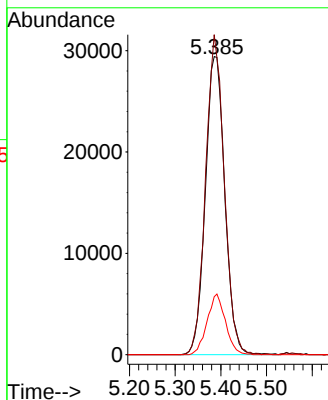
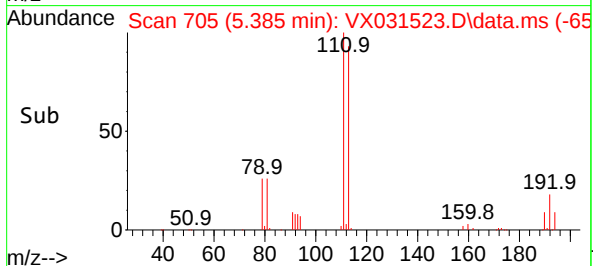
Tgt Ion:	113	Resp:	87149
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	19.1	14.1	21.1

Manual Integrations

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Supervised By :Mahesh Dadoda 09/22/2022



#37

Ethyl Acetate

Concen: 18.799 ug/l

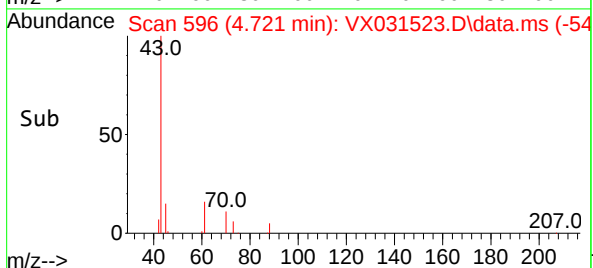
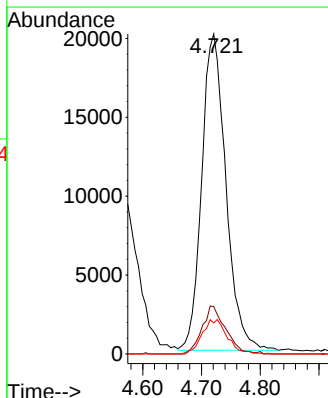
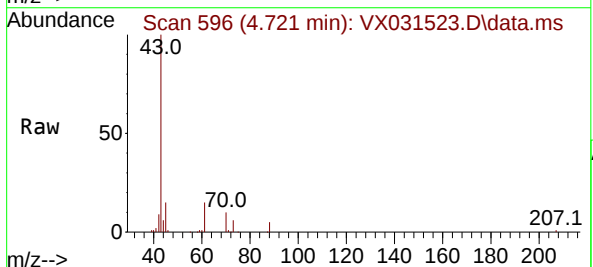
RT: 4.721 min Scan# 596

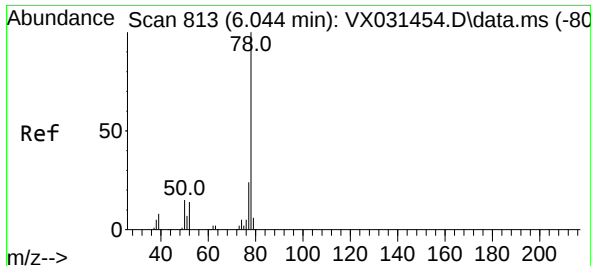
Delta R.T. -0.000 min

Lab File: VX031523.D

Acq: 21 Sep 2022 14:42

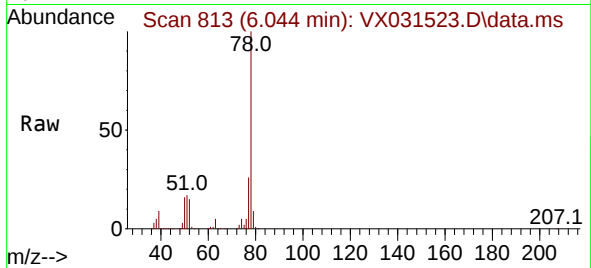
Tgt Ion:	43	Resp:	57426
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.1	16.7
70	11.3	8.6	13.0





#40
Benzene
Concen: 101.876 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42

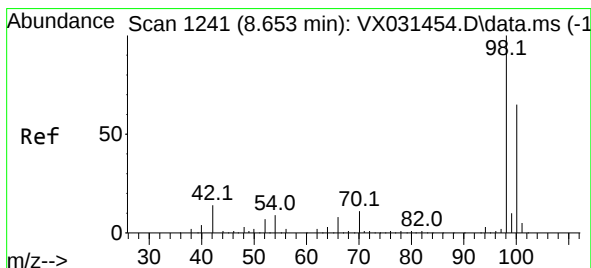
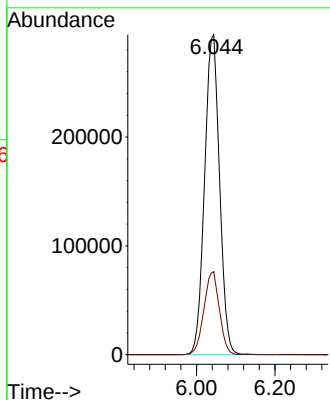
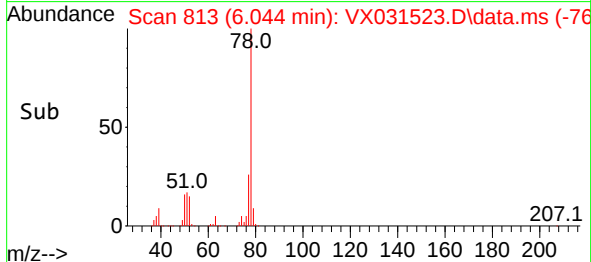
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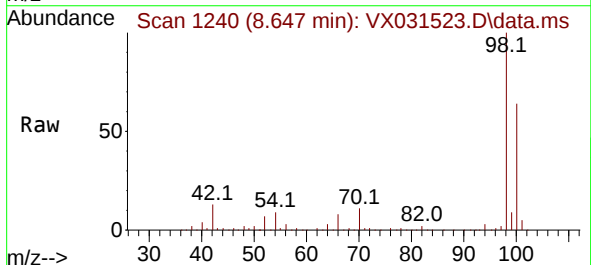
Tgt Ion: 78 Resp: 77824
Ion Ratio Lower Upper
78 100
77 25.9 18.7 28.1

Manual Integrations
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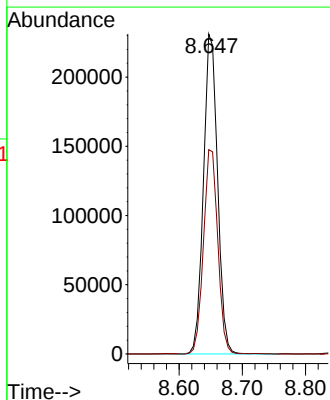
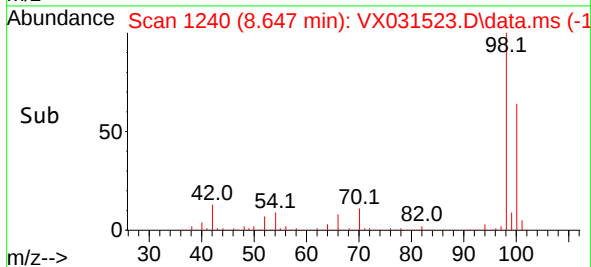
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

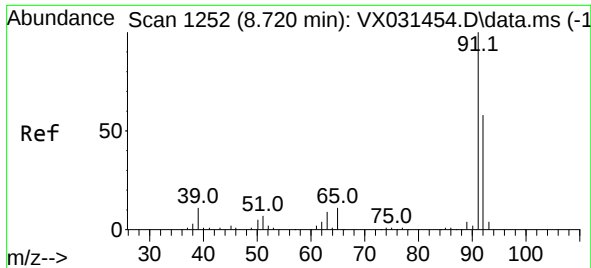


#50
Toluene-d8
Concen: 55.981 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42



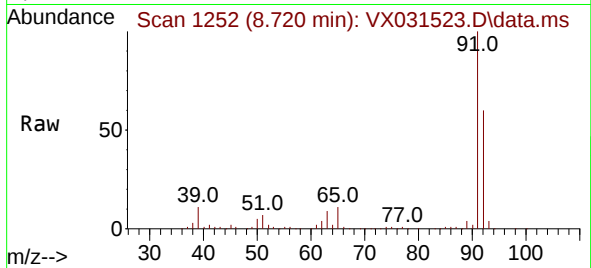
Tgt Ion: 98 Resp: 359290
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7





#52
Toluene
Concen: 56.874 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42

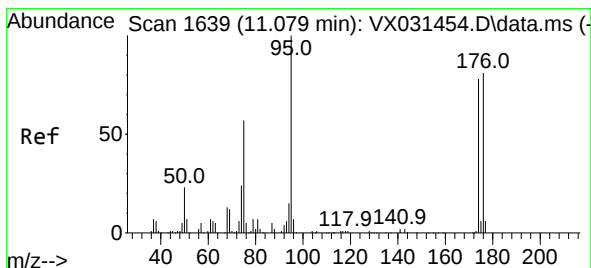
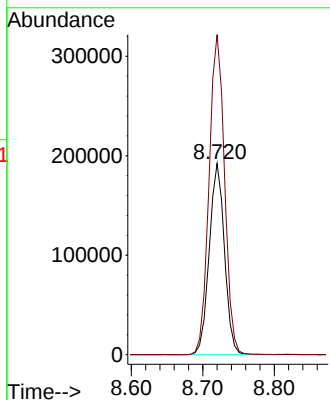
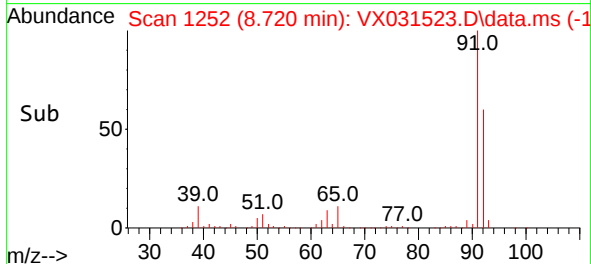
Instrument :
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Tgt Ion: 92 Resp: 283350
Ion Ratio Lower Upper
92 100
91 170.8 137.1 205.7

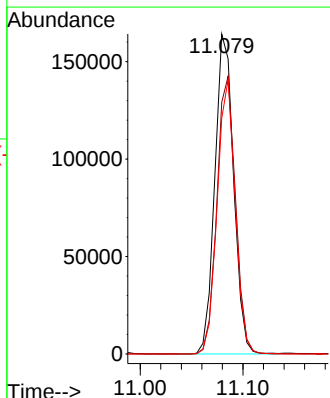
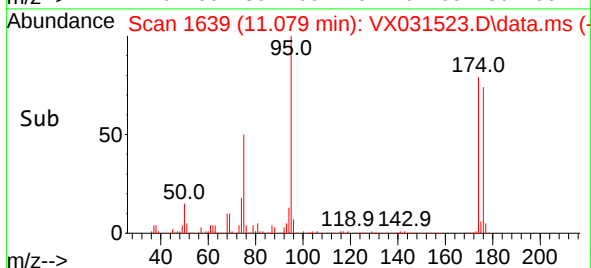
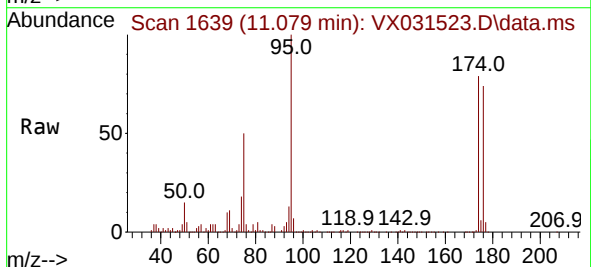
Manual Integrations
APPROVED

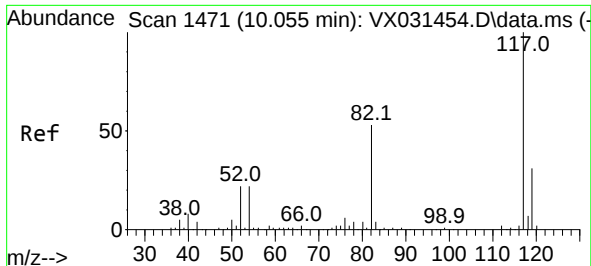
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#62
4-Bromofluorobenzene
Concen: 95.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42

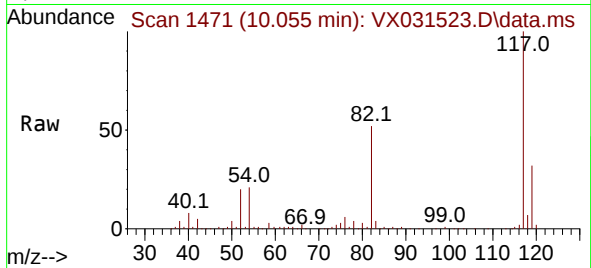
Tgt Ion: 95 Resp: 208215
Ion Ratio Lower Upper
95 100
174 86.0 0.0 153.2
176 82.3 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42

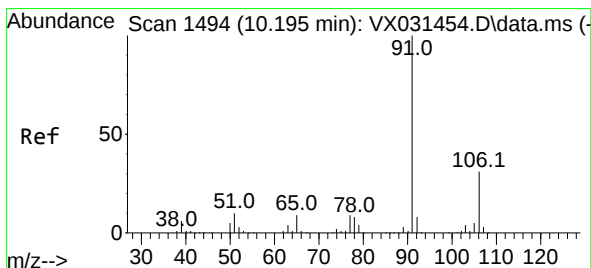
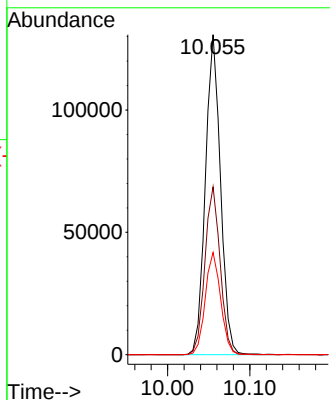
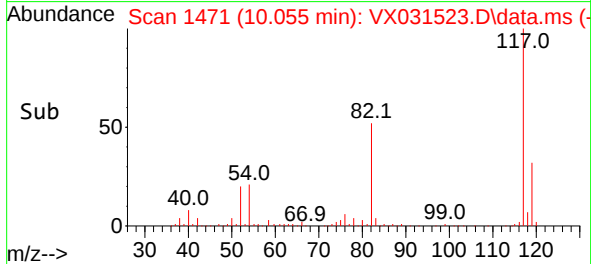
Instrument :
MSVOA_X
ClientSampleId :
ORA-0131



Tgt Ion:117 Resp: 166620
Ion Ratio Lower Upper
117 100
82 52.4 46.8 70.2
119 32.0 26.4 39.6

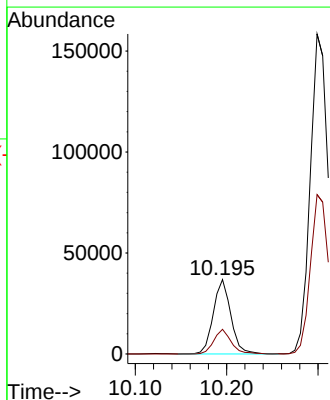
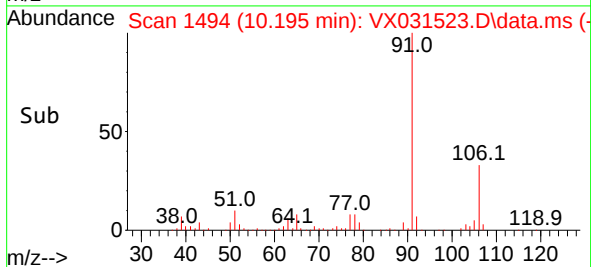
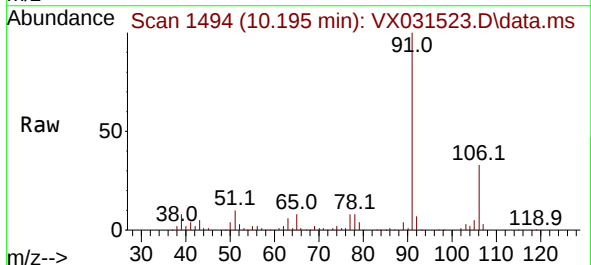
Manual Integrations
APPROVED

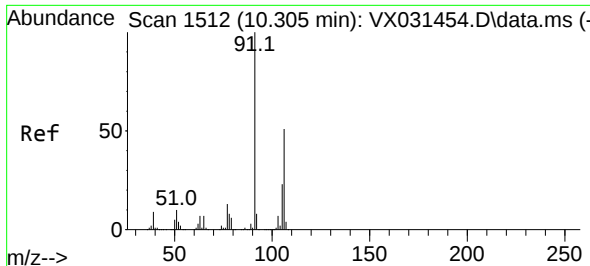
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#67
Ethyl Benzene
Concen: 5.430 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42

Tgt Ion: 91 Resp: 49259
Ion Ratio Lower Upper
91 100
106 33.2 25.2 37.8





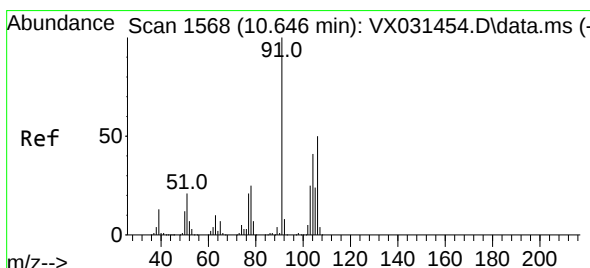
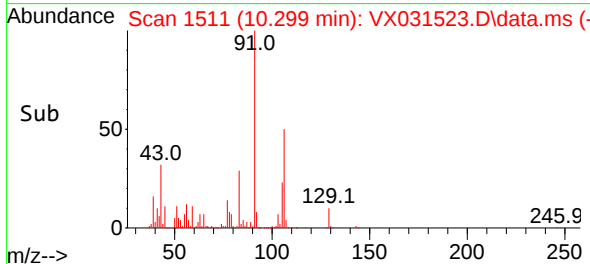
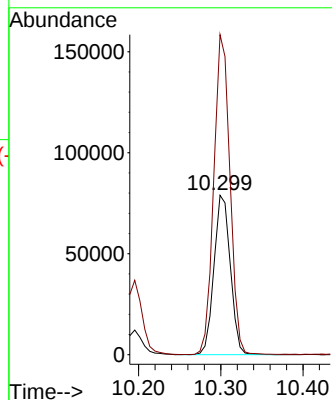
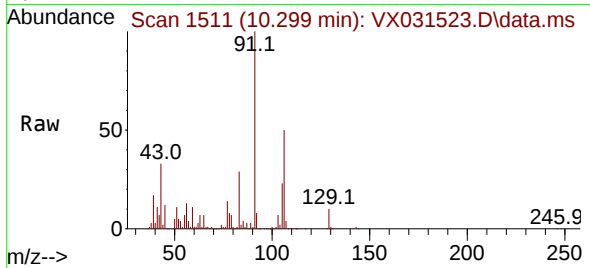
#68
m/p-Xylenes
Concen: 29.912 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42

Instrument :
MSVOA_X
ClientSampleId :
ORA-0131

Tgt Ion:106 Resp: 10905
Ion Ratio Lower Upper
106 100
91 198.3 161.0 241.4

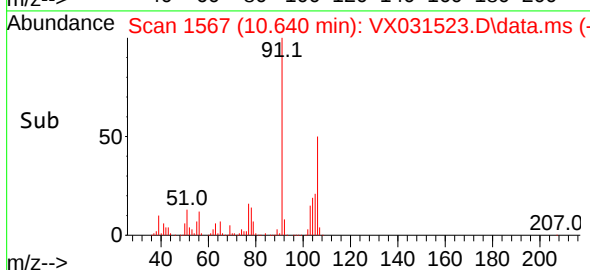
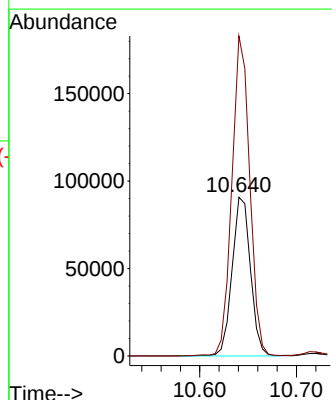
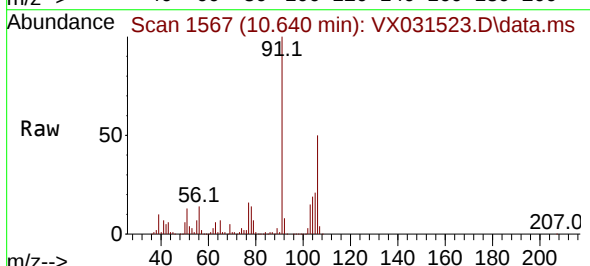
Manual Integrations
APPROVED

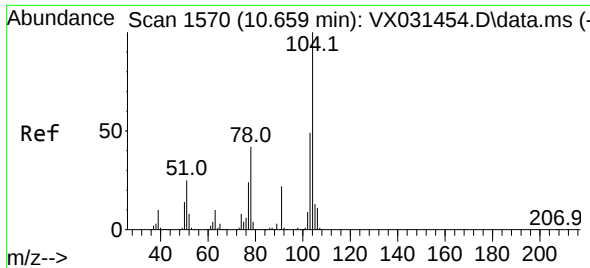
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#69
o-Xylene
Concen: 34.352 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42

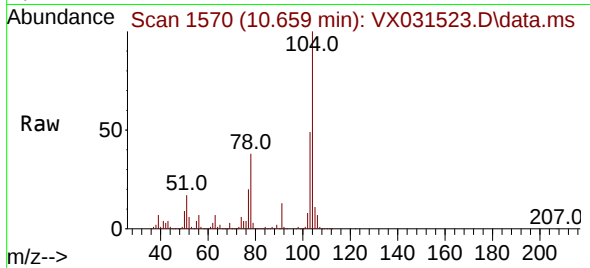
Tgt Ion:106 Resp: 119544
Ion Ratio Lower Upper
106 100
91 196.2 107.2 321.6





#70
Styrene
Concen: 49.782 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42

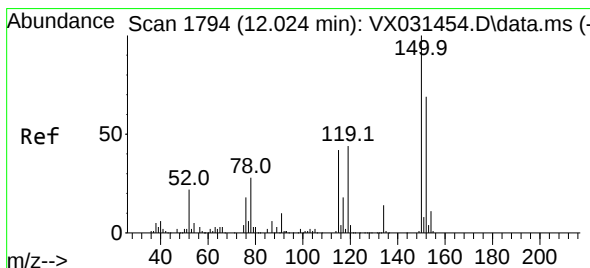
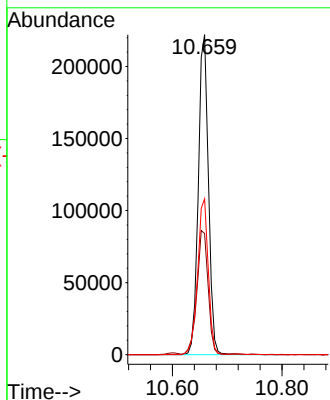
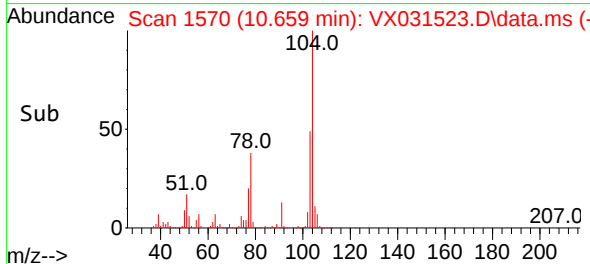
Instrument :
MSVOA_X
ClientSampleId :
ORA-0131



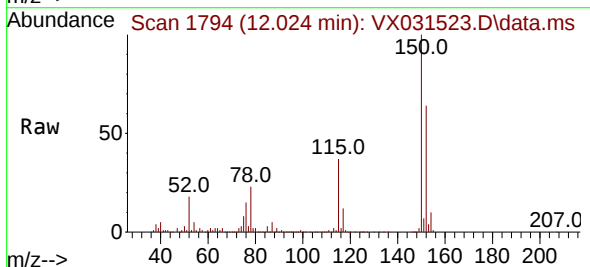
Tgt Ion:104 Resp: 285238
Ion Ratio Lower Upper
104 100
78 42.5 41.4 62.2
103 51.5 43.8 65.8

Manual Integrations
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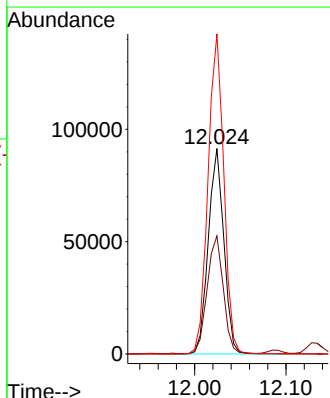
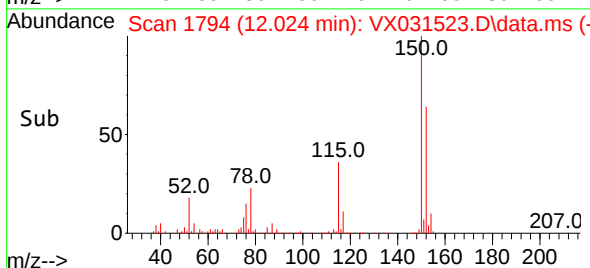
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

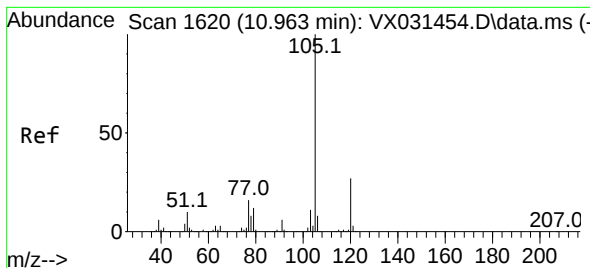


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42



Tgt Ion:152 Resp: 107791
Ion Ratio Lower Upper
152 100
115 59.4 43.4 130.1
150 157.6 0.0 346.8





#73

Isopropylbenzene

Concen: 0.533 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX031523.D

Acq: 21 Sep 2022 14:42

Instrument :

MSVOA_X

ClientSampleId :

ORA-0131

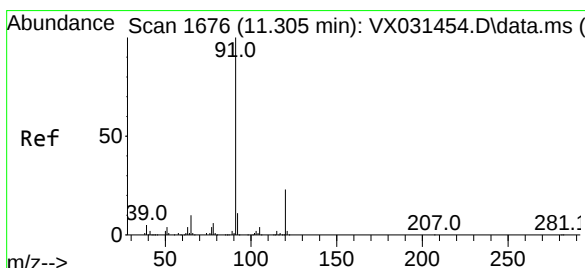
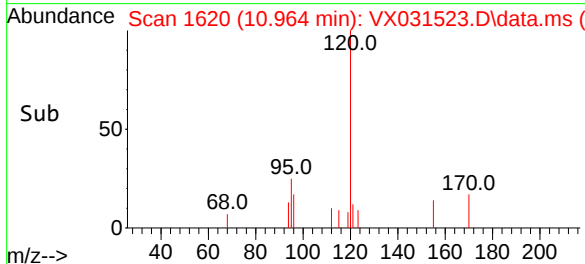
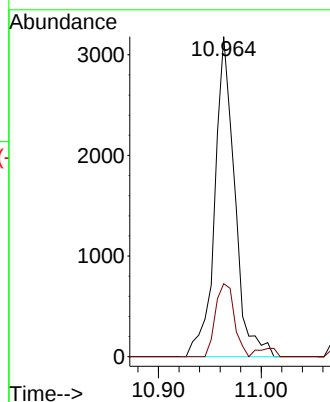
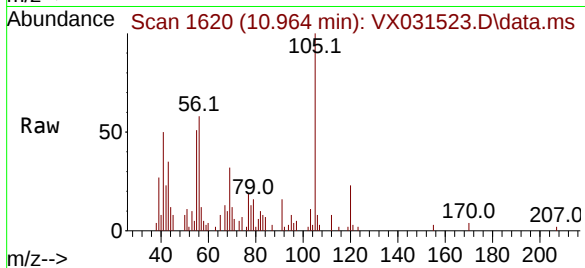
Tgt Ion:105 Resp: 4294
 Ion Ratio Lower Upper
 105 100
 120 21.4 13.7 41.0

Manual Integrations

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Reviewed By :Krupa Patel 09/22/2022

Supervised By :Mahesh Dadoda 09/22/2022



#78

n-propylbenzene

Concen: 0.789 ug/l

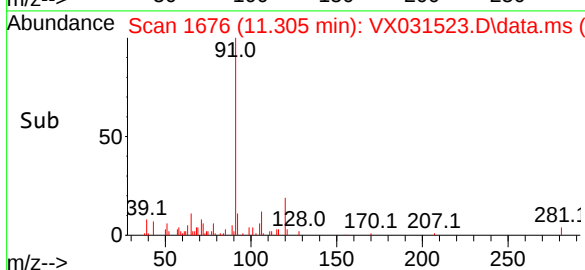
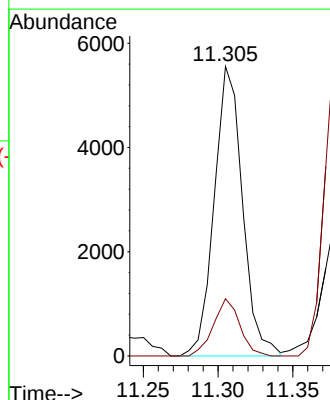
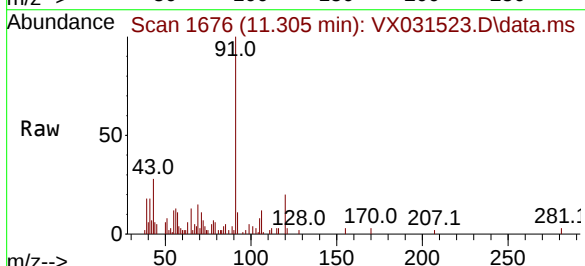
RT: 11.305 min Scan# 1676

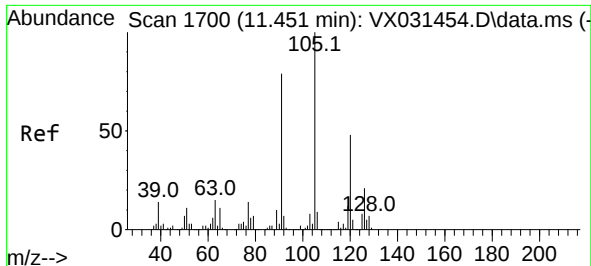
Delta R.T. -0.000 min

Lab File: VX031523.D

Acq: 21 Sep 2022 14:42

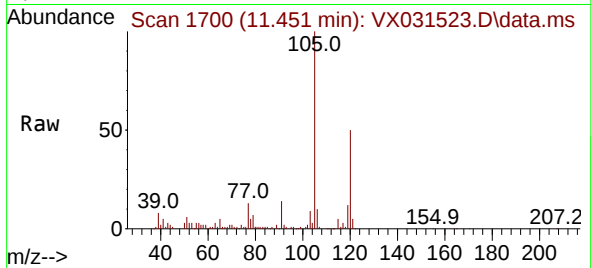
Tgt Ion: 91 Resp: 7310
 Ion Ratio Lower Upper
 91 100
 120 18.5 11.8 35.4





#80
1,3,5-Trimethylbenzene
Concen: 3.489 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42

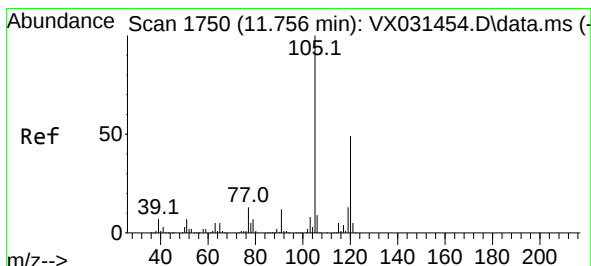
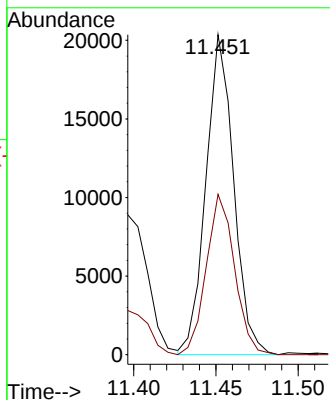
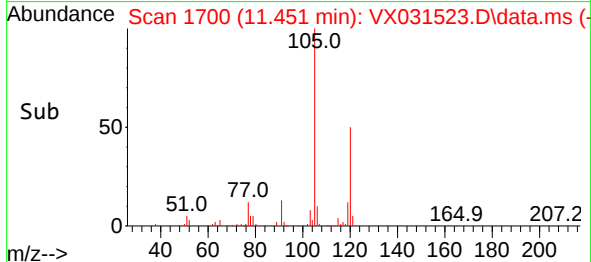
Instrument :
MSVOA_X
ClientSampleId :
ORA-0131



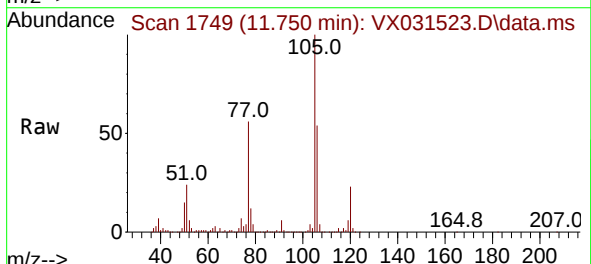
Tgt Ion:105 Resp: 2383
Ion Ratio Lower Upper
105 100
120 51.1 24.5 73.5

Manual Integrations
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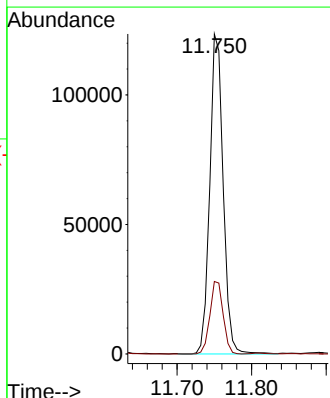
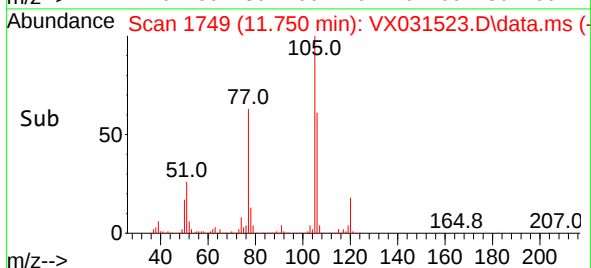
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

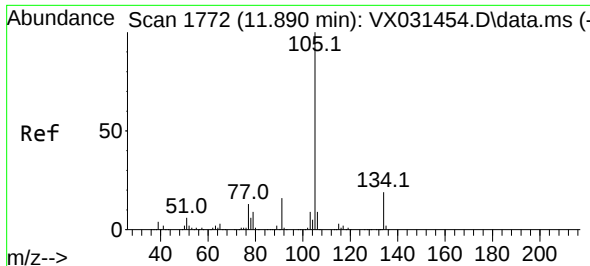


#84
1,2,4-Trimethylbenzene
Concen: 23.000 ug/l m
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031523.D
Acq: 21 Sep 2022 14:42



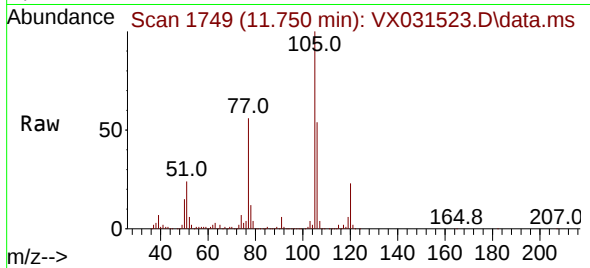
Tgt Ion:105 Resp: 154736
Ion Ratio Lower Upper
105 100
120 2.6 22.6 67.8#





#85
 sec-Butylbenzene
 Concen: 18.456 ug/l
 RT: 11.750 min Scan# 11749
 Delta R.T. -0.140 min
 Lab File: VX031523.D
 Acq: 21 Sep 2022 14:42

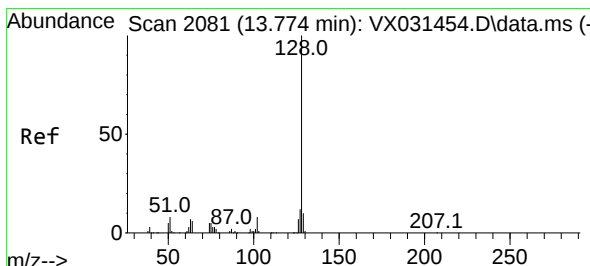
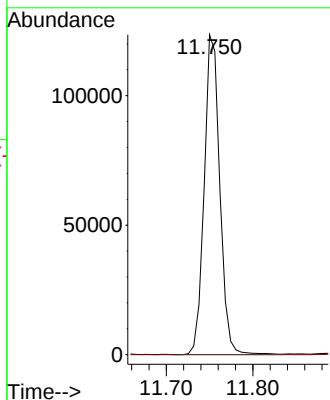
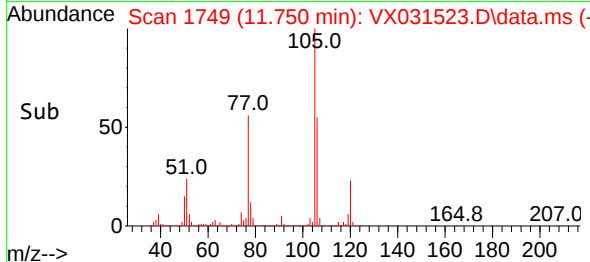
Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0131



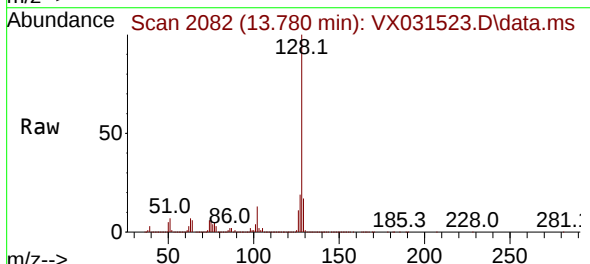
Tgt Ion:105 Resp: 154643
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022



#95
 Naphthalene
 Concen: 1183.845 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX031523.D
 Acq: 21 Sep 2022 14:42



Tgt Ion:128 Resp: 9147972
 Ion Ratio Lower Upper
 128 100
 127 16.9 10.4 15.6#
 129 14.6 8.8 13.2#

