

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031317.D
 Acq On : 14 Sep 2022 19:51
 Operator : JC/MD
 Sample : N4588-07 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1665

Quant Time: Sep 15 06:05:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/15/2022
 Supervised By : Mahesh Dadoda 09/15/2022

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	66890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	82741	50.395	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.800%			
35) Dibromofluoromethane	5.385	113	52872	38.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 76.080%			
50) Toluene-d8	8.652	98	218719	41.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 83.900%#			
62) 4-Bromofluorobenzene	11.085	95	74881	39.224	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 78.440%#			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.995	59	12767m	4.519	ug/l	
16) Acetone	2.398	43	100712	143.688	ug/l	99
17) Carbon Disulfide	2.513	76	540	1.117	ug/l #	76
18) Methyl Acetate	2.708	43	21590	10.388	ug/l	99
25) 2-Butanone	4.568	43	31340	27.108	ug/l	92
37) Ethyl Acetate	4.720	43	213764	85.512	ug/l	98
40) Benzene	6.043	78	74646	13.665	ug/l	94
52) Toluene	8.720	92	33601	9.724	ug/l	97
67) Ethyl Benzene	10.195	91	2524	0.473	ug/l	90
68) m/p-Xylenes	10.299	106	6974	3.440	ug/l	88
69) o-Xylene	10.646	106	3083	1.497	ug/l	93
70) Styrene	10.658	104	2141	0.639	ug/l #	76
80) 1,3,5-Trimethylbenzene	11.451	105	968	0.341	ug/l	83
95) Naphthalene	13.780	128	62805	19.020	ug/l	99

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

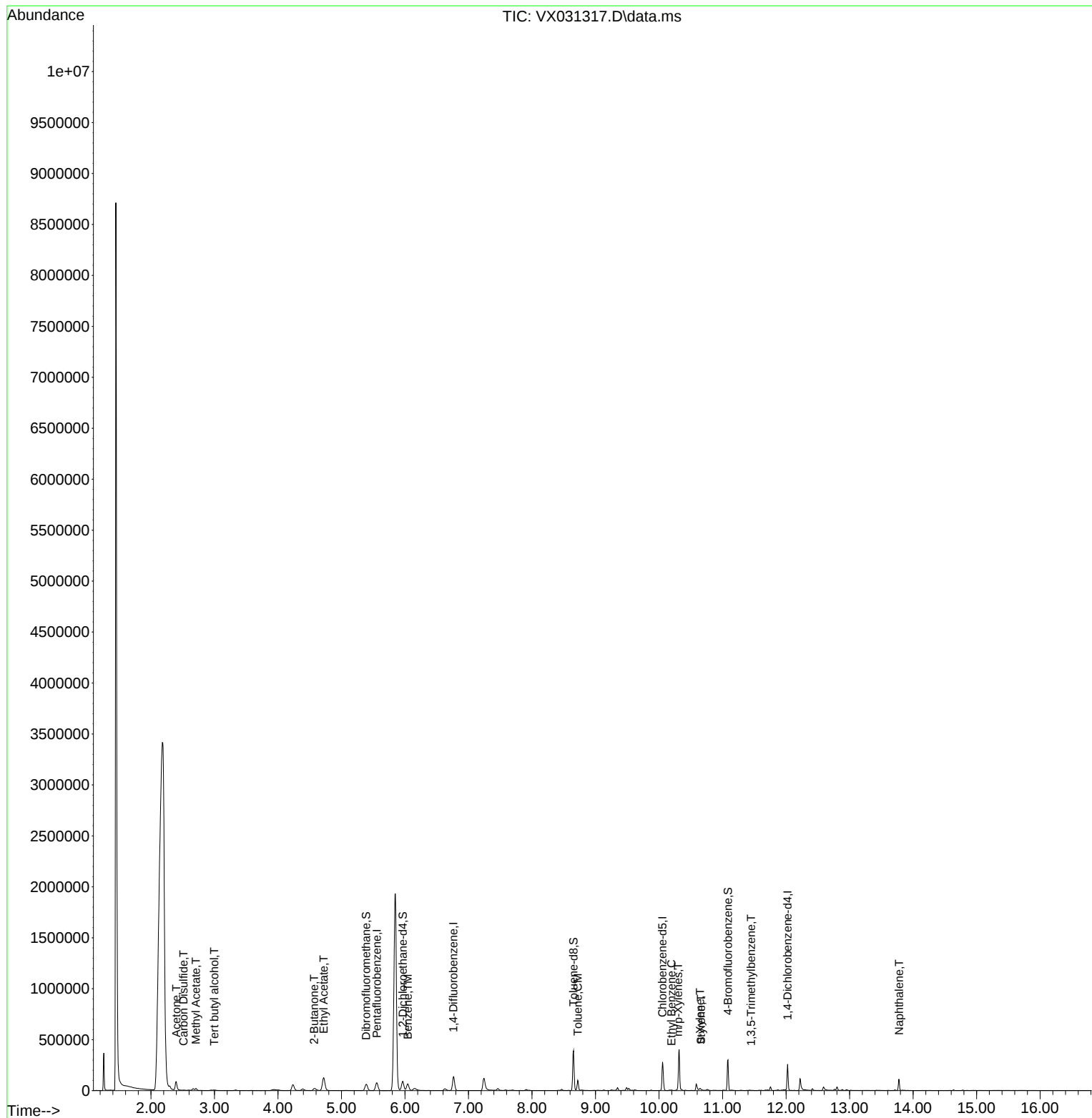
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
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Quant Time: Sep 15 06:05:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
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APPROVED

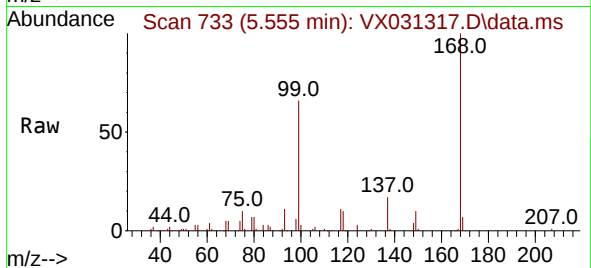
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51

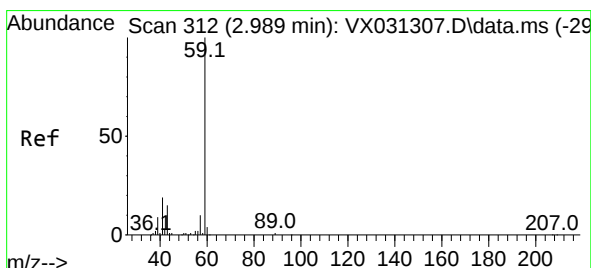
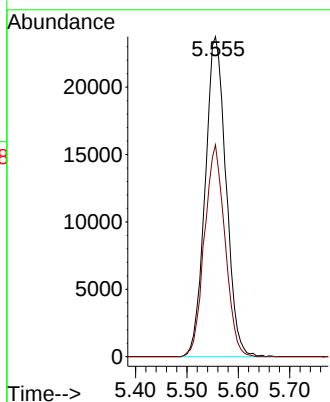
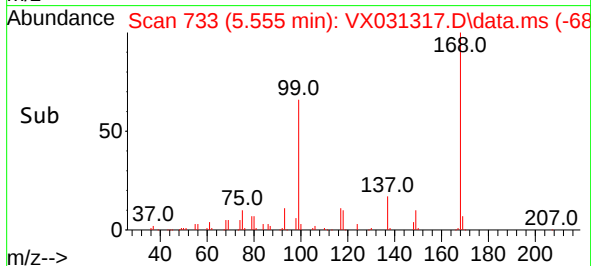
Instrument :
MSVOA_X
ClientSampleId :
AUD-1665



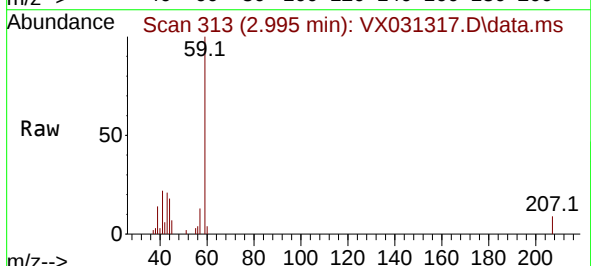
Tgt Ion:168 Resp: 66890
Ion Ratio Lower Upper
168 100
99 66.2 48.8 73.2

Manual Integrations
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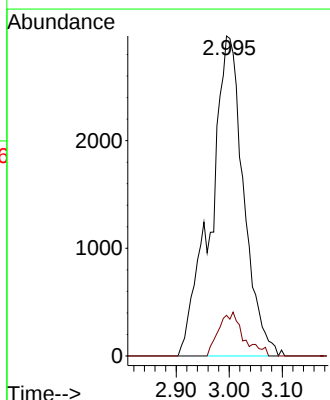
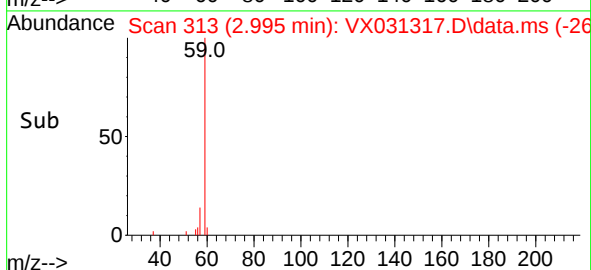
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

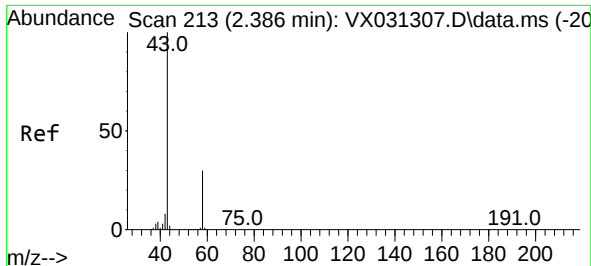


#11
Tert butyl alcohol
Concen: 4.519 ug/l m
RT: 2.995 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51



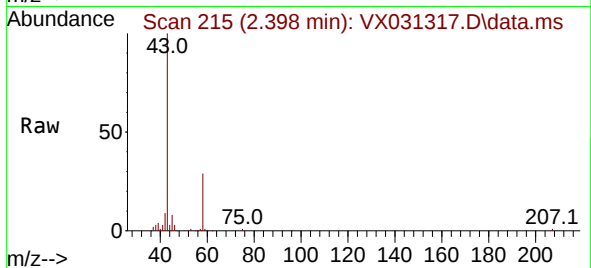
Tgt Ion: 59 Resp: 12767
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2





#16
Acetone
Concen: 143.688 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51

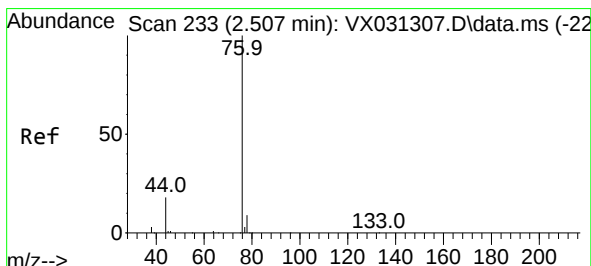
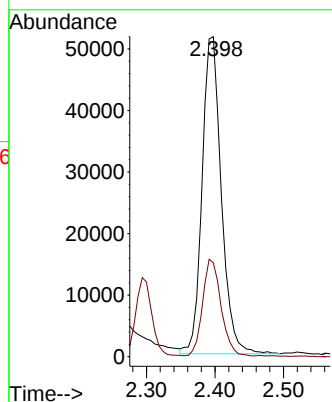
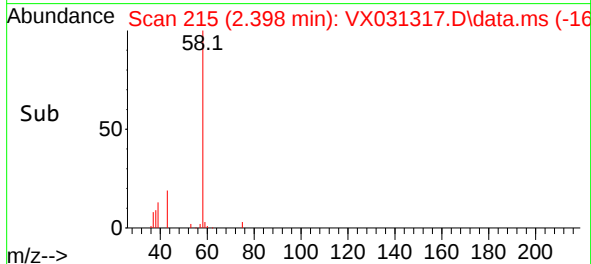
Instrument :
MSVOA_X
ClientSampleId :
AUD-1665



Tgt Ion: 43 Resp: 100712
Ion Ratio Lower Upper
43 100
58 29.4 23.8 35.8

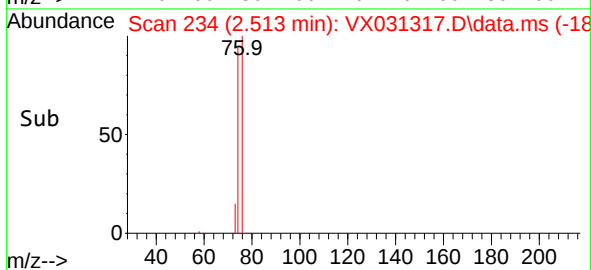
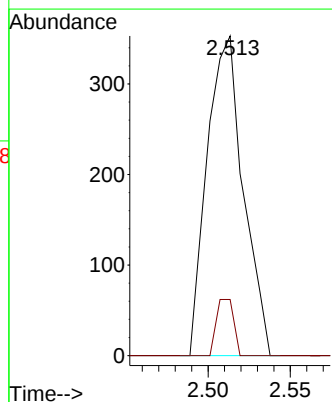
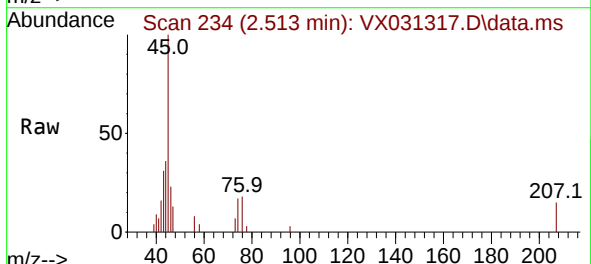
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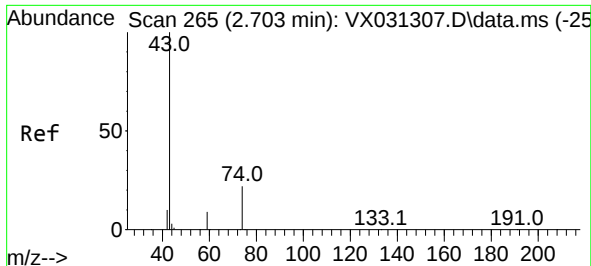
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#17
Carbon Disulfide
Concen: 1.117 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51

Tgt Ion: 76 Resp: 540
Ion Ratio Lower Upper
76 100
78 17.6 7.2 10.8





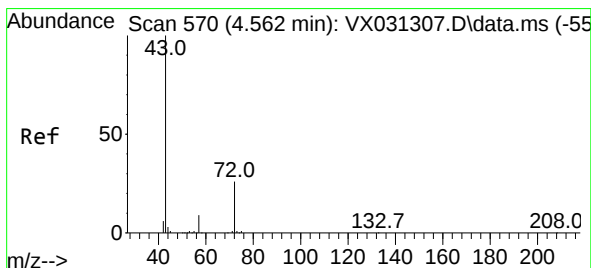
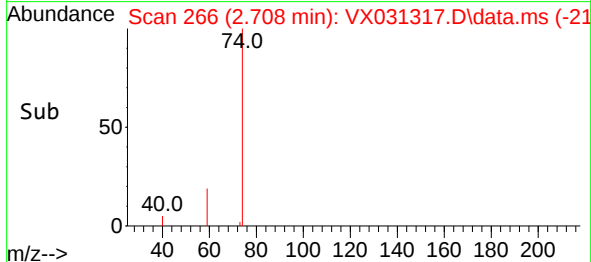
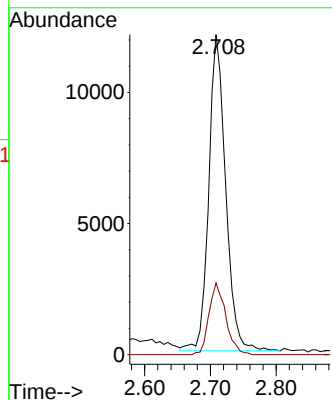
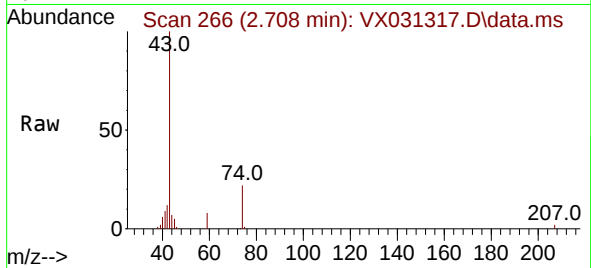
#18
Methyl Acetate
Concen: 10.388 ug/l
RT: 2.708 min Scan# 21590
Delta R.T. 0.006 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51

Instrument :
MSVOA_X
ClientSampleId :
AUD-1665

Tgt Ion: 43 Resp: 21590
Ion Ratio Lower Upper
43 100
74 22.6 18.6 27.8

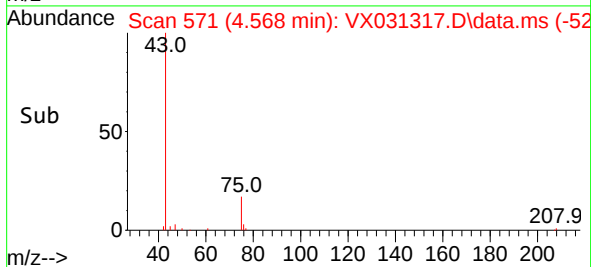
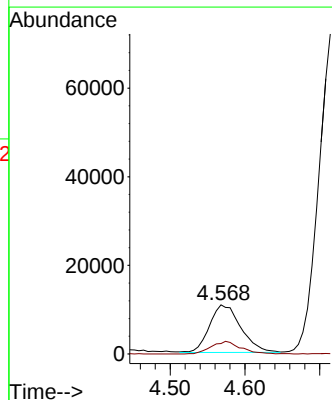
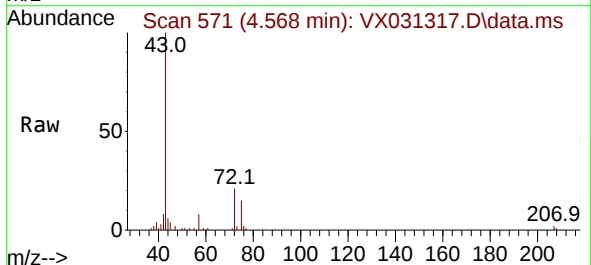
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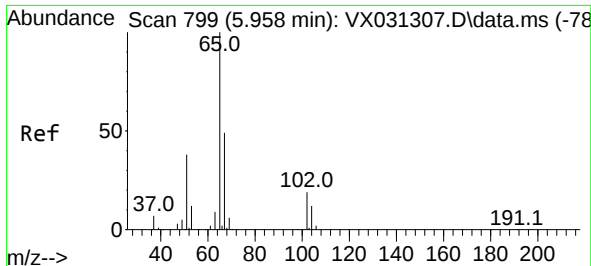
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#25
2-Butanone
Concen: 27.108 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51

Tgt Ion: 43 Resp: 31340
Ion Ratio Lower Upper
43 100
72 22.2 21.1 31.7





#33

1,2-Dichloroethane-d4

Concen: 50.395 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031317.D

Acq: 14 Sep 2022 19:51

Instrument :

MSVOA_X

ClientSampleId :

AUD-1665

Tgt Ion: 65 Resp: 8274

Ion Ratio Lower Upper

65 100

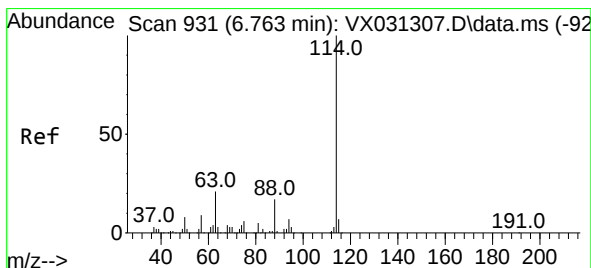
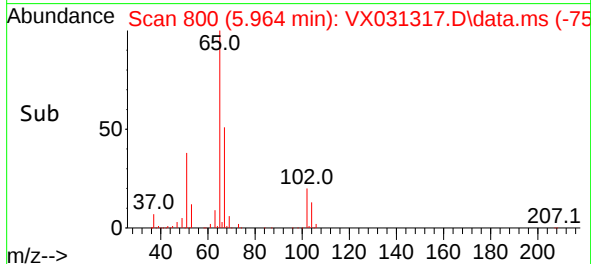
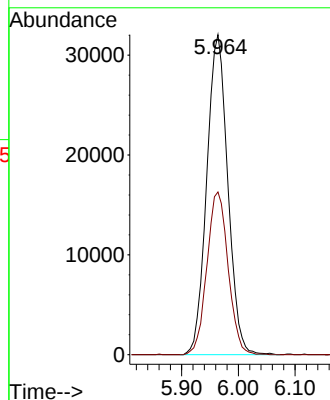
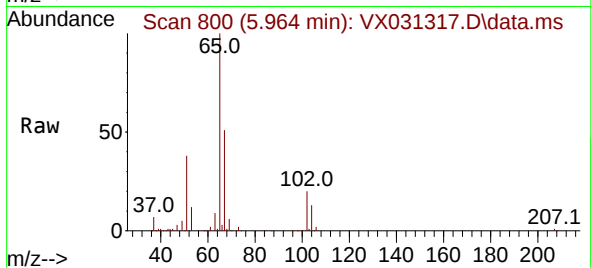
67 51.2 0.0 102.4

Manual Integrations

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Supervised By :Mahesh Dadoda 09/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031317.D

Acq: 14 Sep 2022 19:51

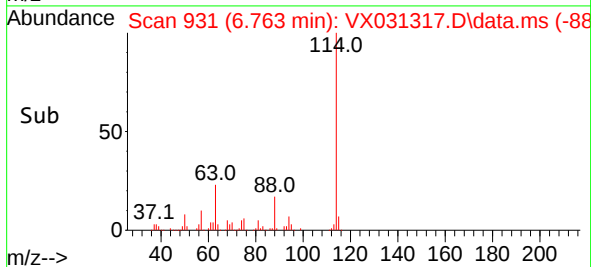
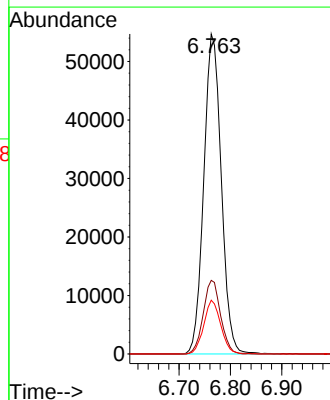
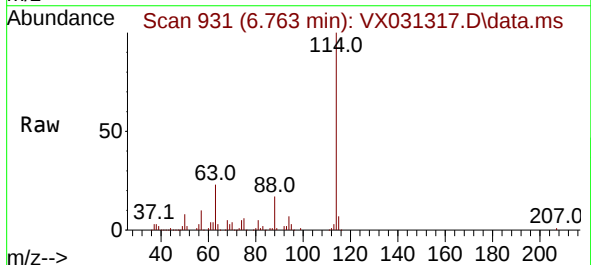
Tgt Ion:114 Resp: 129291

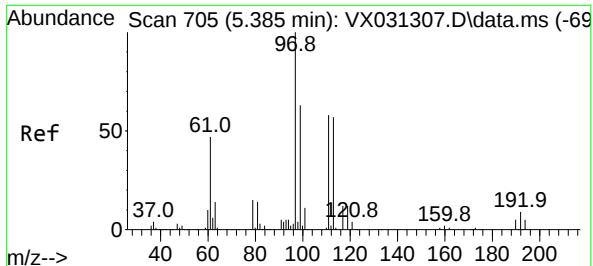
Ion Ratio Lower Upper

114 100

63 23.0 0.0 42.6

88 16.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 38.043 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX031317.D

Acq: 14 Sep 2022 19:51

Instrument :

MSVOA_X

ClientSampleId :

AUD-1665

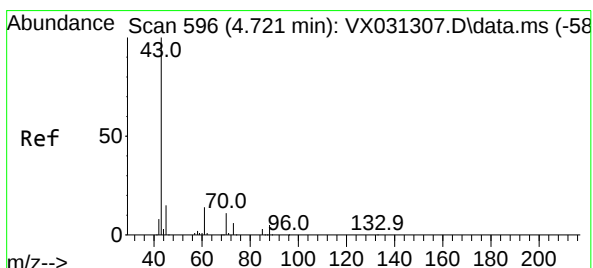
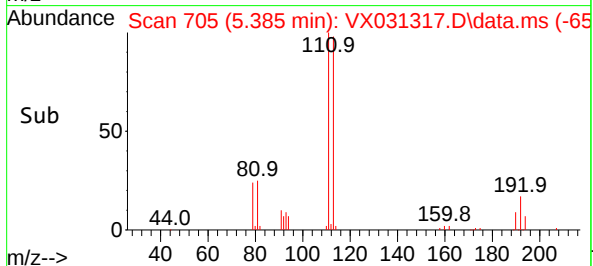
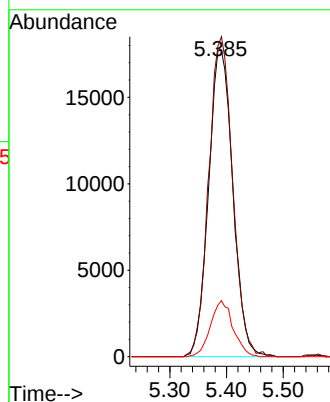
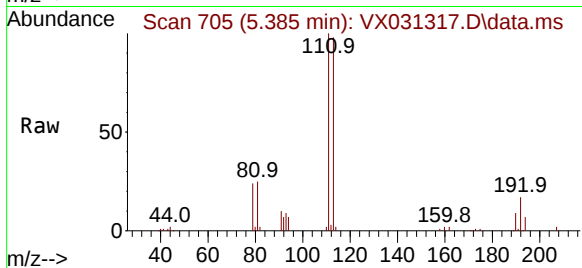
Tgt Ion:	113	Resp:	52872
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	17.0	14.1	21.1

Manual Integrations

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Supervised By :Mahesh Dadoda 09/15/2022



#37

Ethyl Acetate

Concen: 85.512 ug/l

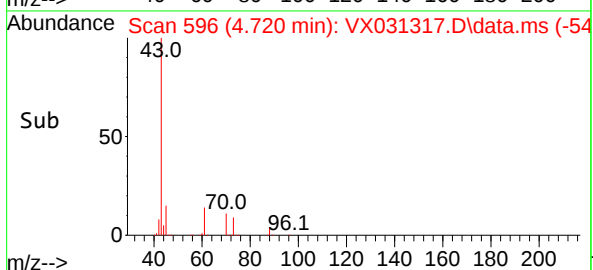
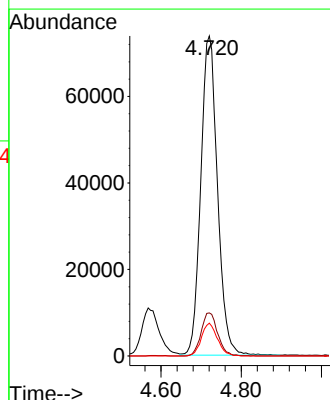
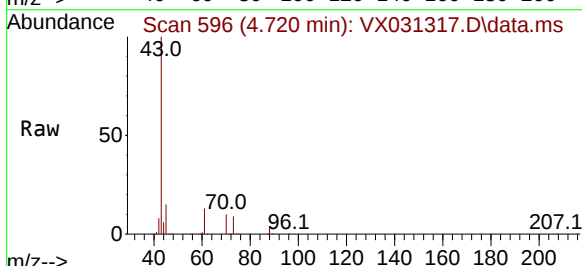
RT: 4.720 min Scan# 596

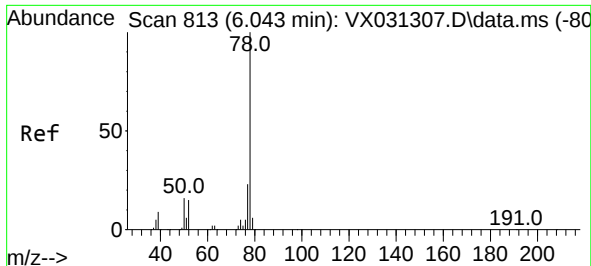
Delta R.T. -0.000 min

Lab File: VX031317.D

Acq: 14 Sep 2022 19:51

Tgt Ion:	43	Resp:	213764
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.1	16.7
70	9.8	8.6	13.0





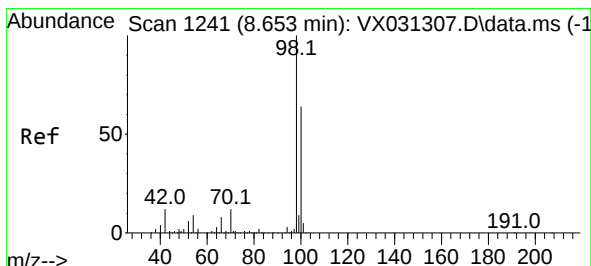
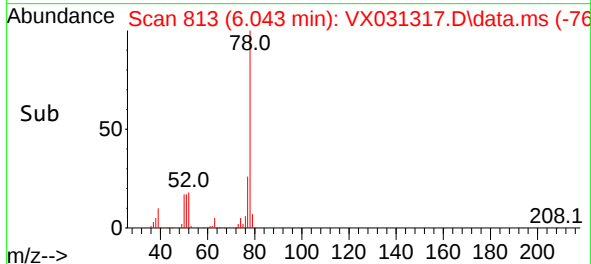
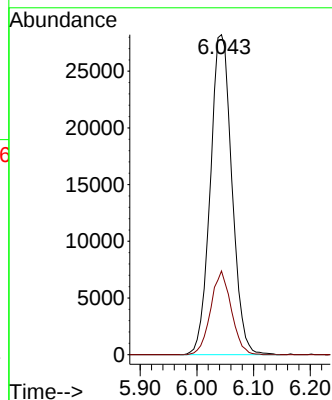
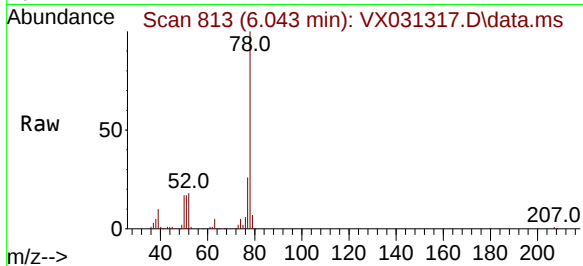
#40
Benzene
Concen: 13.665 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51

Instrument :
MSVOA_X
ClientSampleId :
AUD-1665

Tgt Ion: 78 Resp: 74640
Ion Ratio Lower Upper
78 100
77 26.1 18.7 28.1

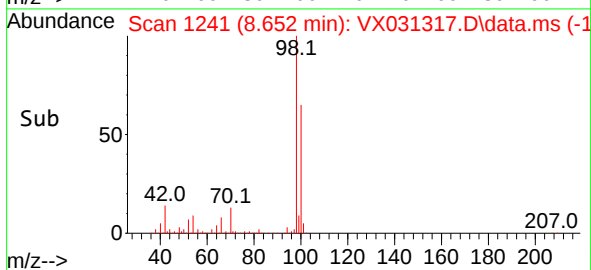
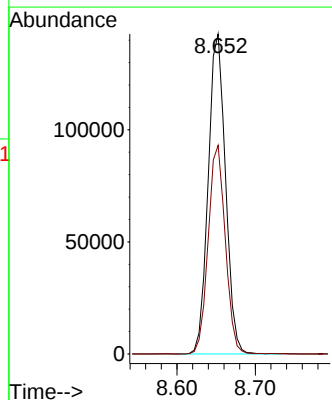
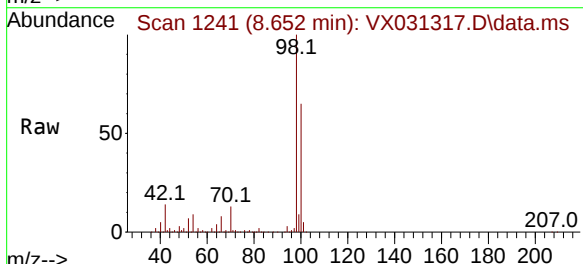
Manual Integrations
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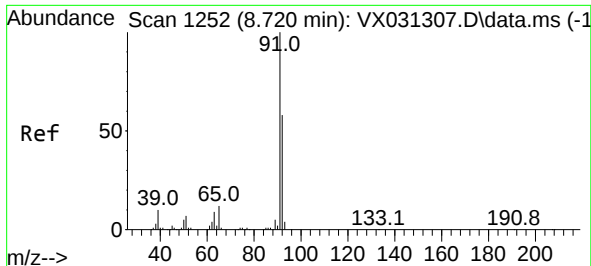
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#50
Toluene-d8
Concen: 41.954 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51

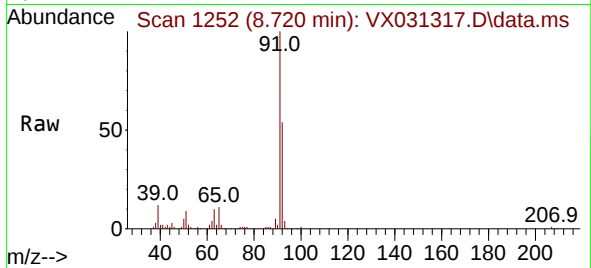
Tgt Ion: 98 Resp: 218719
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7





#52
Toluene
Concen: 9.724 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51

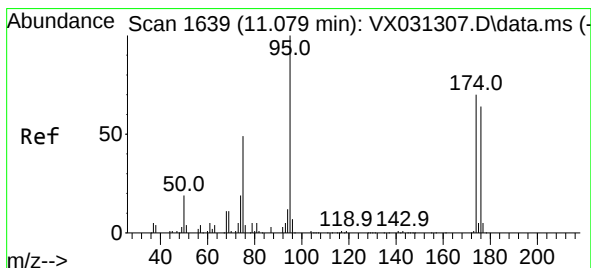
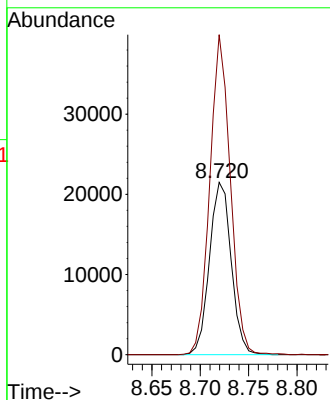
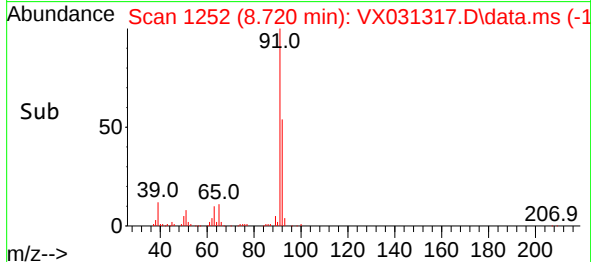
Instrument :
MSVOA_X
ClientSampleId :
AUD-1665



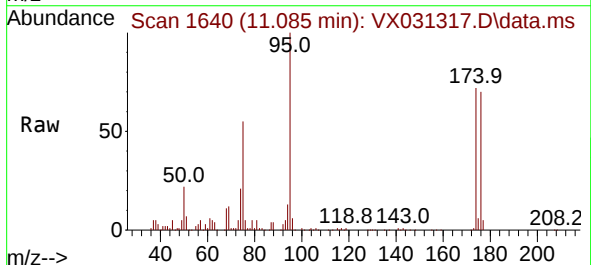
Tgt Ion: 92 Resp: 3360
Ion Ratio Lower Upper
92 100
91 175.3 137.1 205.7

Manual Integrations
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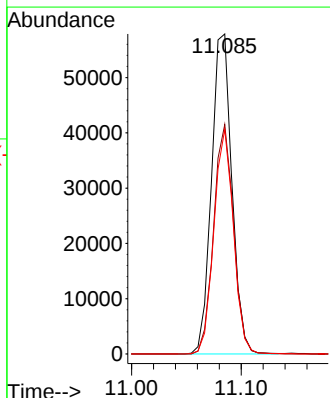
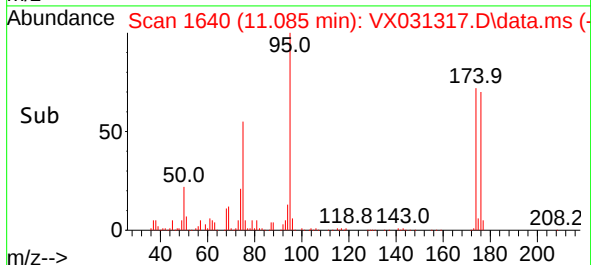
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

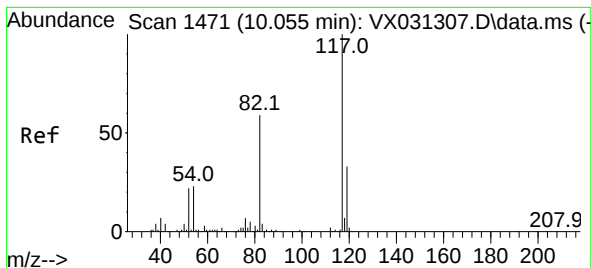


#62
4-Bromofluorobenzene
Concen: 39.224 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51



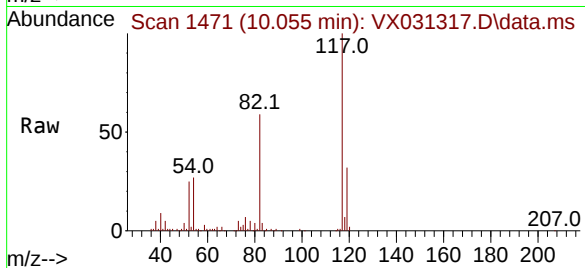
Tgt Ion: 95 Resp: 74881
Ion Ratio Lower Upper
95 100
174 70.2 0.0 153.2
176 67.4 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51

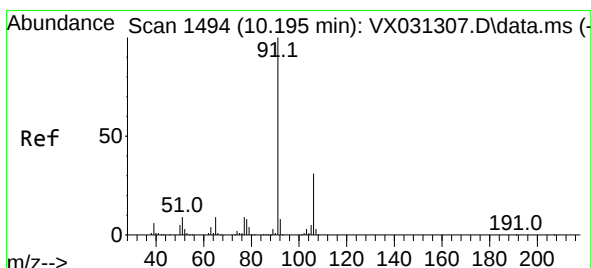
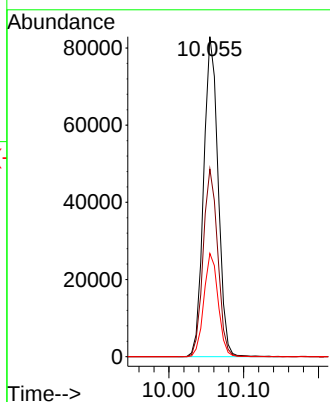
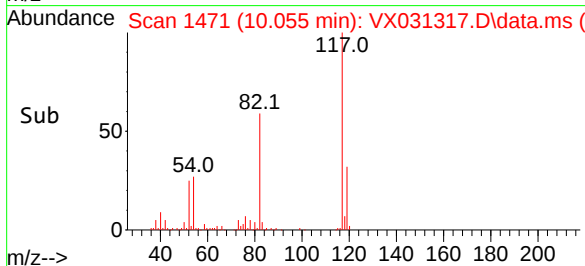
Instrument :
MSVOA_X
ClientSampleId :
AUD-1665



Tgt Ion: 117 Resp: 111294
Ion Ratio Lower Upper
117 100
82 58.6 46.8 70.2
119 32.3 26.4 39.6

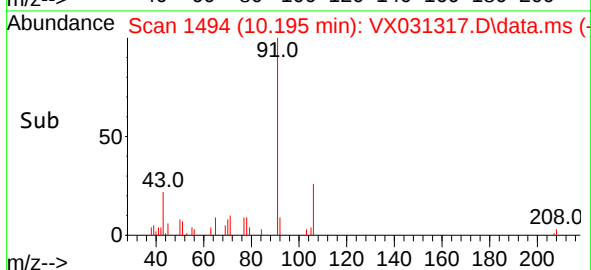
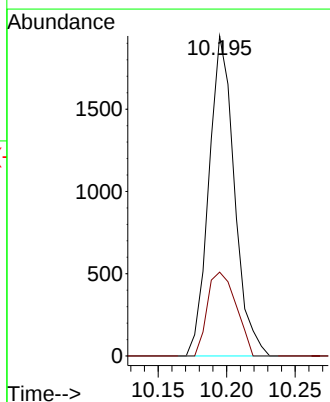
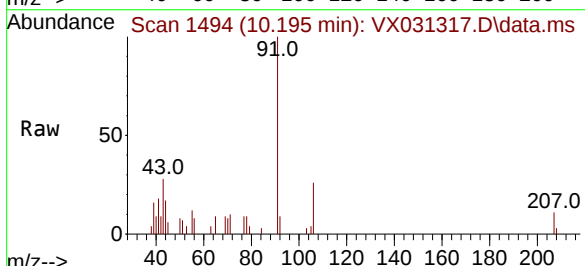
Manual Integrations
APPROVED

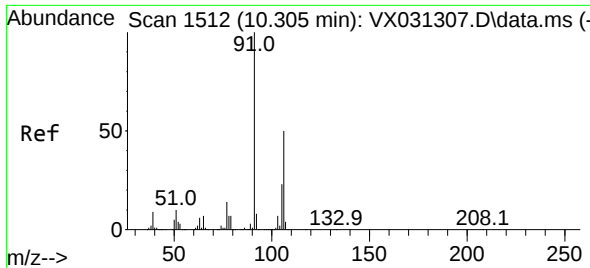
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#67
Ethyl Benzene
Concen: 0.473 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51

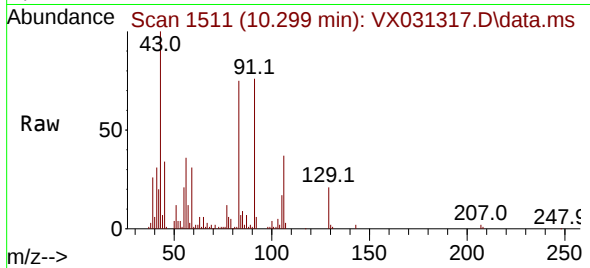
Tgt Ion: 91 Resp: 2524
Ion Ratio Lower Upper
91 100
106 26.2 25.2 37.8





#68
m/p-Xylenes
Concen: 3.440 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51

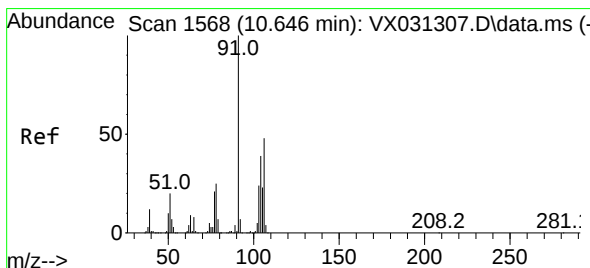
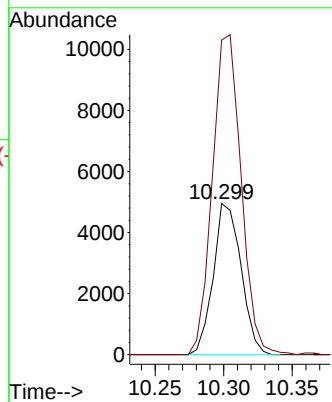
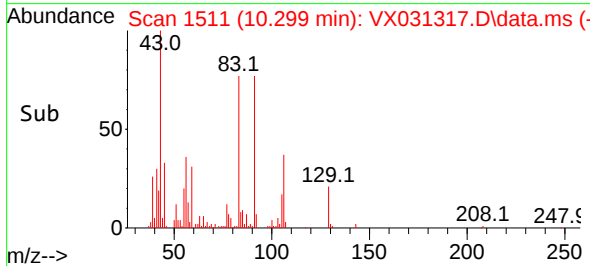
Instrument :
MSVOA_X
ClientSampleId :
AUD-1665



Tgt Ion:106 Resp: 6974
Ion Ratio Lower Upper
106 100
91 219.2 161.0 241.4

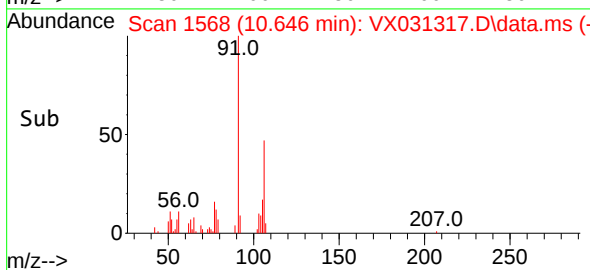
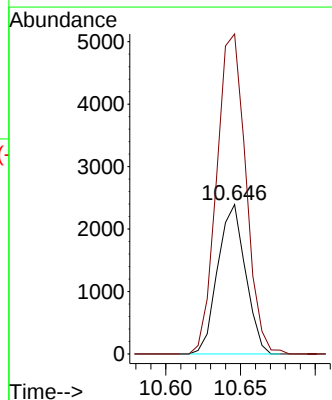
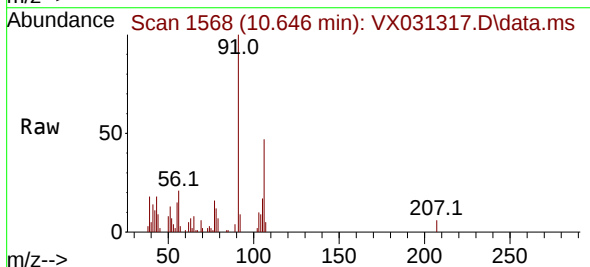
Manual Integrations
APPROVED

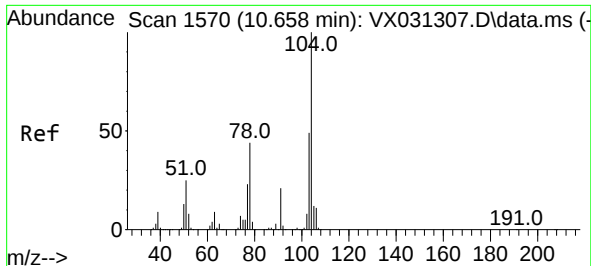
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#69
o-Xylene
Concen: 1.497 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51

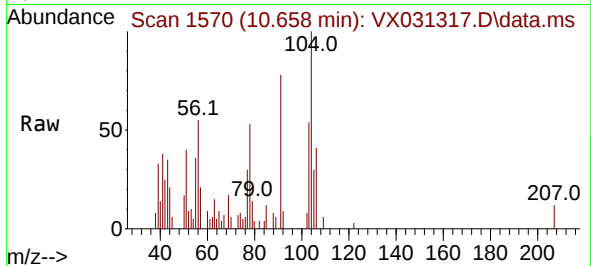
Tgt Ion:106 Resp: 3083
Ion Ratio Lower Upper
106 100
91 225.5 107.2 321.6





#70
Styrene
Concen: 0.639 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51

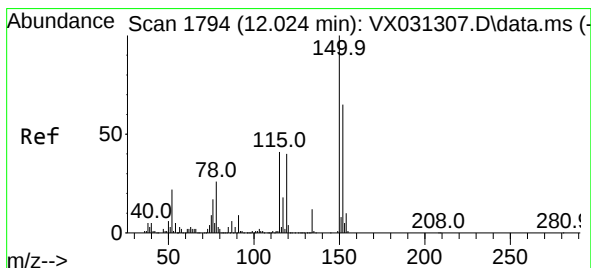
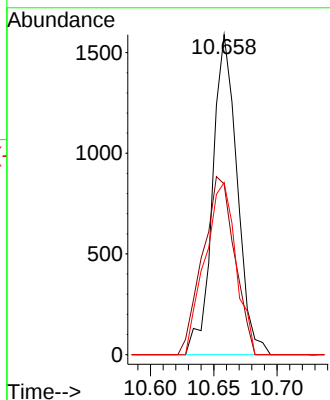
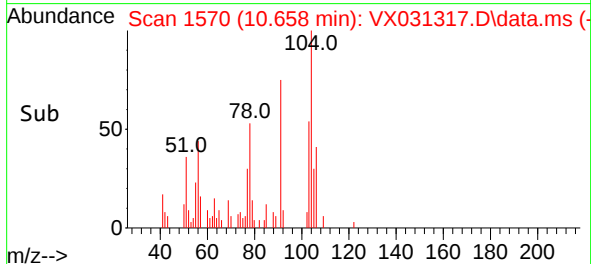
Instrument :
MSVOA_X
ClientSampleId :
AUD-1665



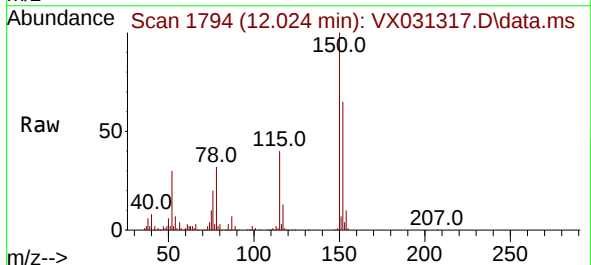
Tgt Ion:104 Resp: 214
Ion Ratio Lower Upper
104 100
78 72.4 41.4 62.2
103 67.7 43.8 65.8

Manual Integrations
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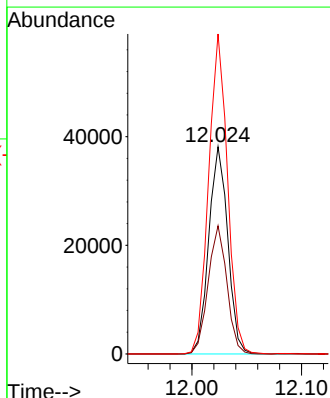
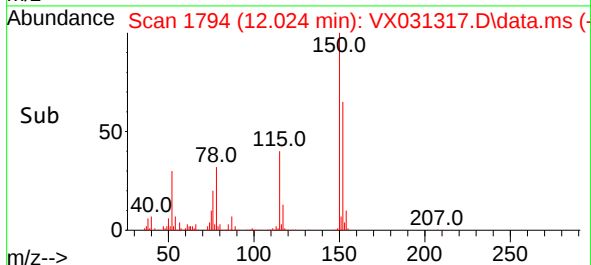
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

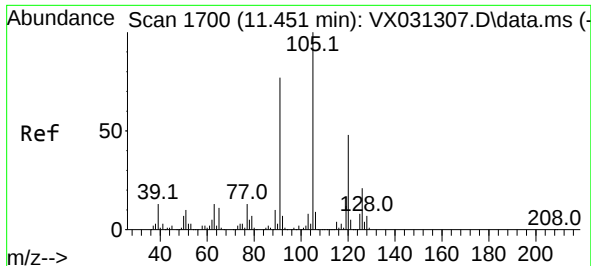


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51



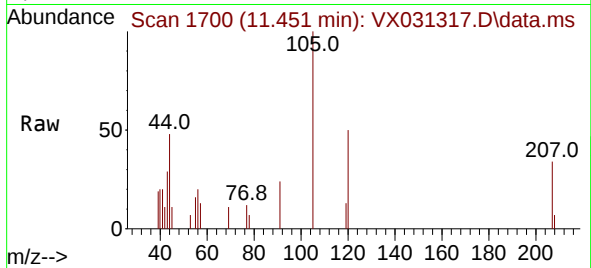
Tgt Ion:152 Resp: 45915
Ion Ratio Lower Upper
152 100
115 61.1 43.4 130.1
150 153.2 0.0 346.8





#80
1,3,5-Trimethylbenzene
Concen: 0.341 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51

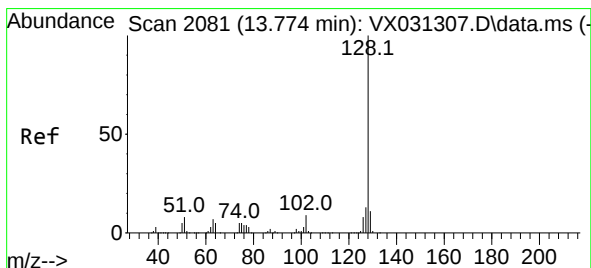
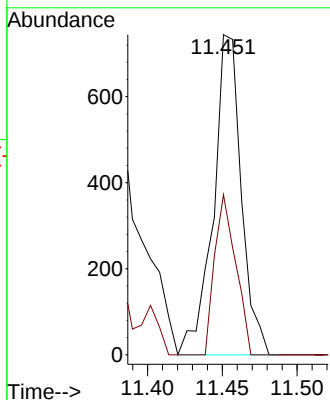
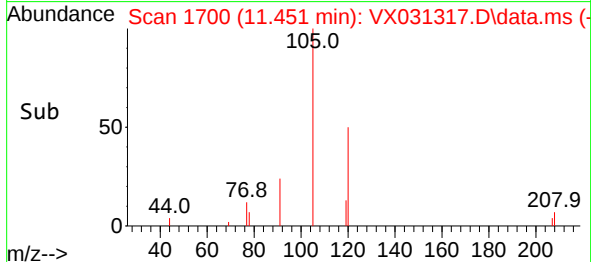
Instrument :
MSVOA_X
ClientSampleId :
AUD-1665



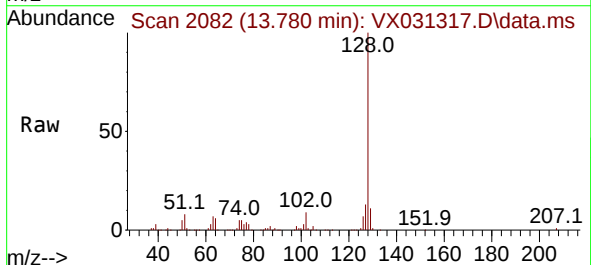
Tgt Ion:105 Resp: 968
Ion Ratio Lower Upper
105 100
120 37.6 24.5 73.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#95
Naphthalene
Concen: 19.020 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031317.D
Acq: 14 Sep 2022 19:51



Tgt Ion:128 Resp: 62805
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.2 8.8 13.2

