

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041624.D
 Acq On : 23 May 2024 13:25
 Operator : JC/MD
 Sample : P2494-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 05:51:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	135259	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	203210	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76696	52.086	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.180%			
35) Dibromofluoromethane	5.385	113	63763	46.303	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.600%			
50) Toluene-d8	8.646	98	241139	55.325	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.640%			
62) 4-Bromofluorobenzene	11.079	95	97289	57.661	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.320%			
Target Compounds					Qvalue	
13) Acrolein	2.239	56	1782	7.622	ug/l	# 74
16) Acetone	2.391	43	121231	185.959	ug/l	96
18) Methyl Acetate	2.715	43	7572	5.026	ug/l	95
20) Methylene Chloride	2.788	84	7045	5.511	ug/l	95
25) 2-Butanone	4.580	43	16935	17.770	ug/l	92
31) Cyclohexane	5.464	56	23542	13.247	ug/l	93
37) Ethyl Acetate	4.751	43	3274	1.593	ug/l	96
39) Methylcyclohexane	7.378	83	15571	8.049	ug/l	95
40) Benzene	6.037	78	2303924	453.864	ug/l	100
43) Isopropyl Acetate	6.348	43	112644	36.464	ug/l	99
52) Toluene	8.720	92	1781079	573.565	ug/l	99
67) Ethyl Benzene	10.195	91	456333	67.833	ug/l	98
68) m/p-Xylenes	10.299	106	1002135	371.989	ug/l	91
69) o-Xylene	10.640	106	1023595	396.825	ug/l	91
73) Isopropylbenzene	10.963	105	48285	6.751	ug/l	96
78) n-propylbenzene	11.304	91	65323	8.696	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	499856	85.735	ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	1298173	221.291	ug/l	99
86) p-Isopropyltoluene	12.012	119	15487m	2.410	ug/l	
95) Naphthalene	13.786	128	14209087	1770.055	ug/l	# 78

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

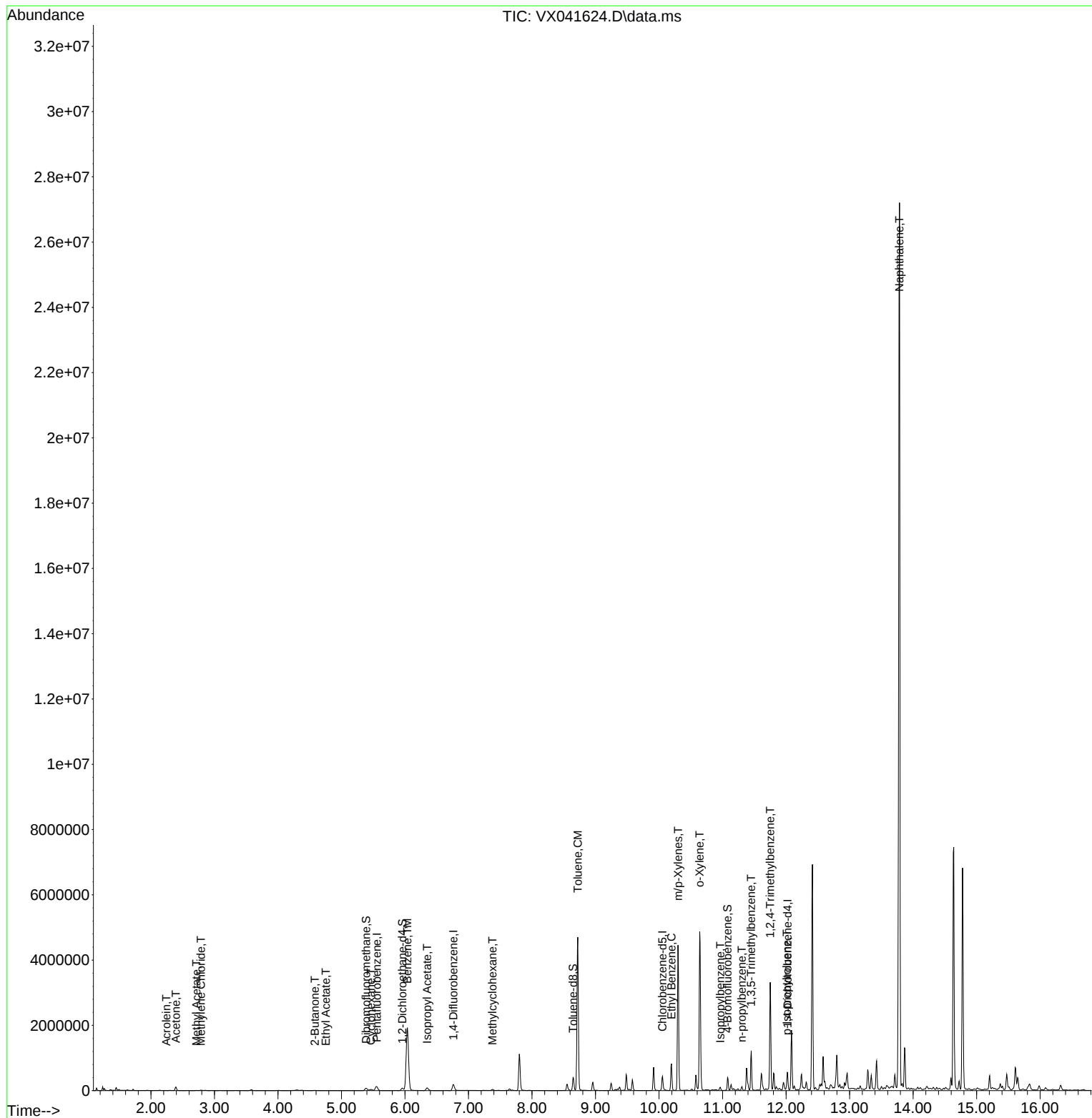
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
Data File : VX041624.D
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Operator : JC/MD
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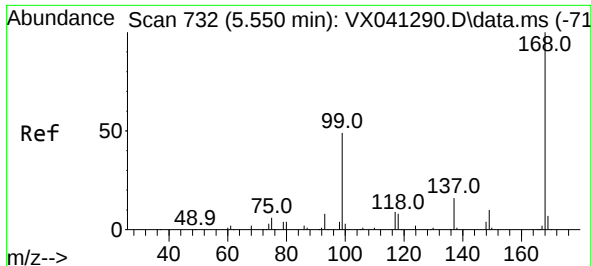
Instrument :
MSVOA_X
ClientSampleId :
2

Quant Time: May 24 05:51:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration

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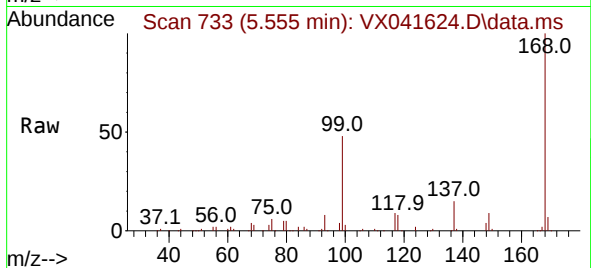
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

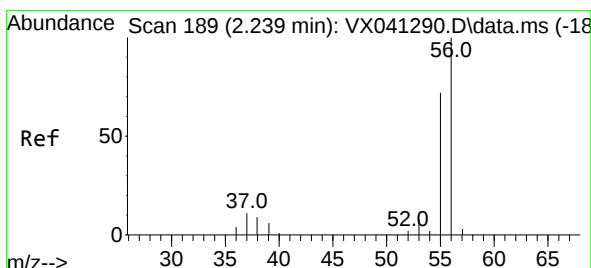
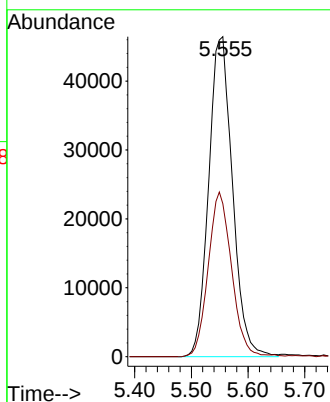
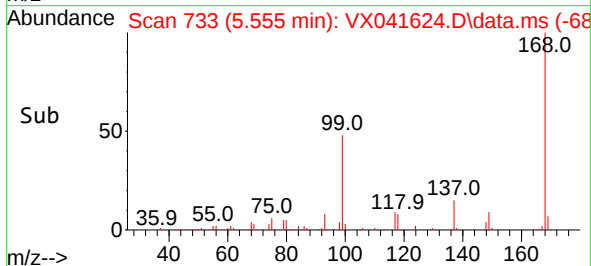
Instrument :
MSVOA_X
ClientSampleId :
2



Tgt Ion:168 Resp: 135259
Ion Ratio Lower Upper
168 100
99 47.8 56.6 85.0

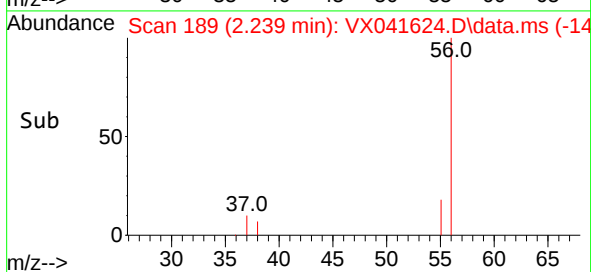
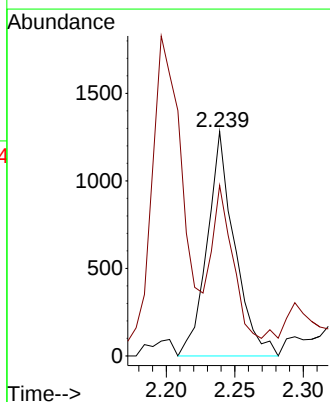
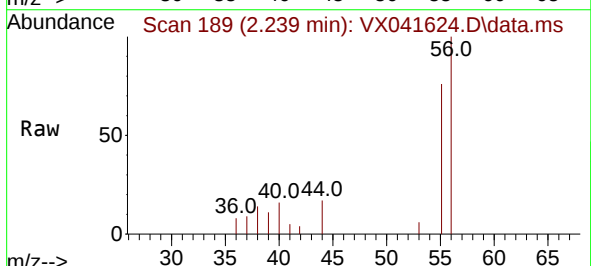
Manual Integrations
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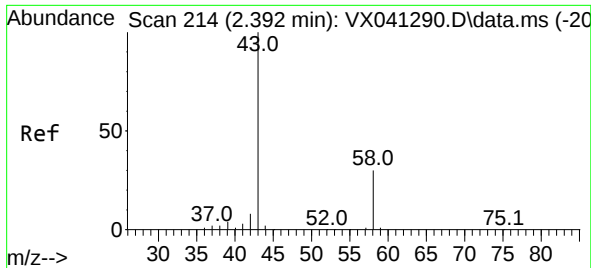
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#13
Acrolein
Concen: 7.622 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

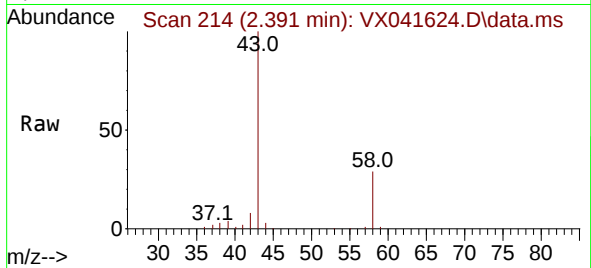
Tgt Ion: 56 Resp: 1782
Ion Ratio Lower Upper
56 100
55 50.1 57.1 85.7





#16
Acetone
Concen: 185.959 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

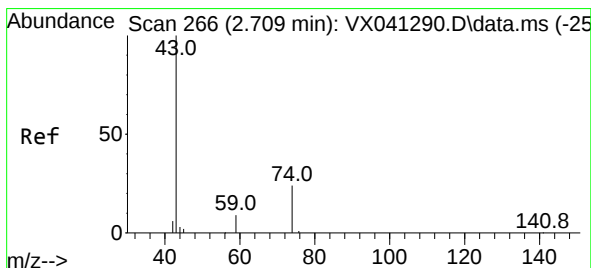
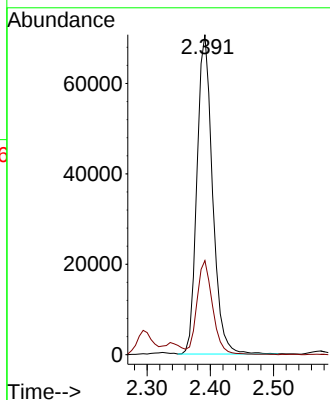
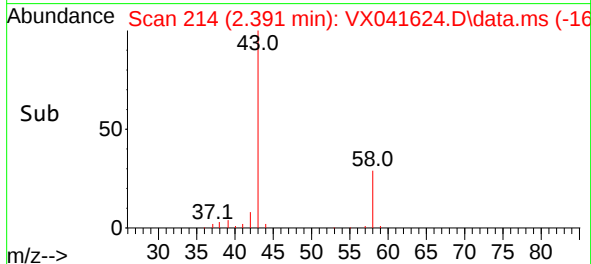
Instrument :
MSVOA_X
ClientSampleId :
2



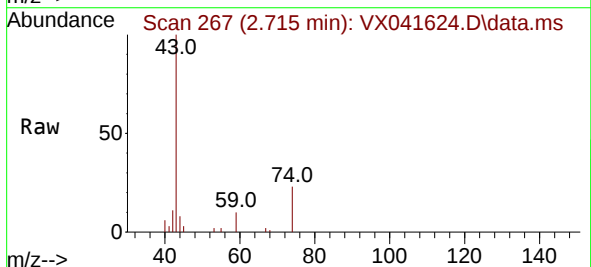
Tgt Ion: 43 Resp: 12123
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9

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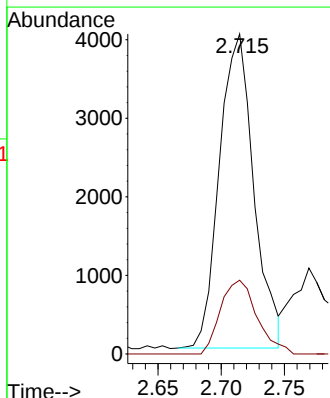
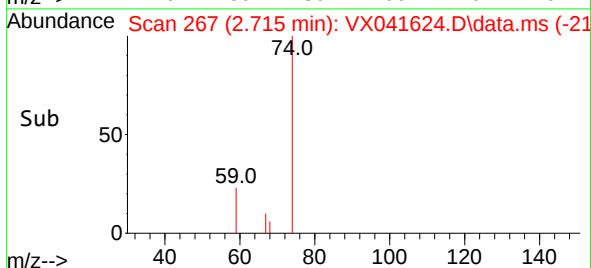
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024

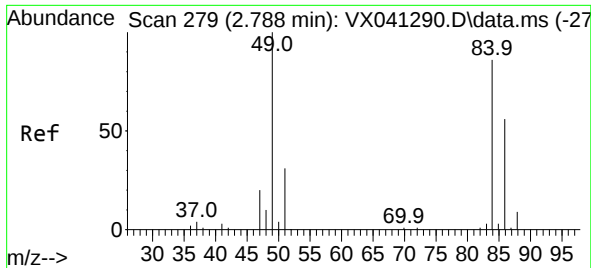


#18
Methyl Acetate
Concen: 5.026 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25



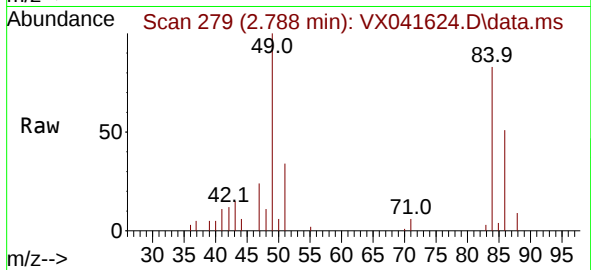
Tgt Ion: 43 Resp: 7572
Ion Ratio Lower Upper
43 100
74 24.9 17.8 26.8





#20
Methylene Chloride
Concen: 5.511 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

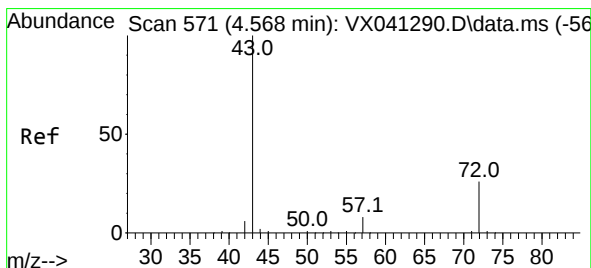
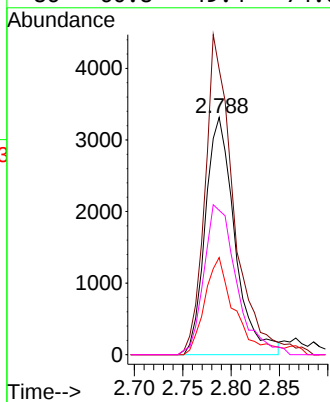
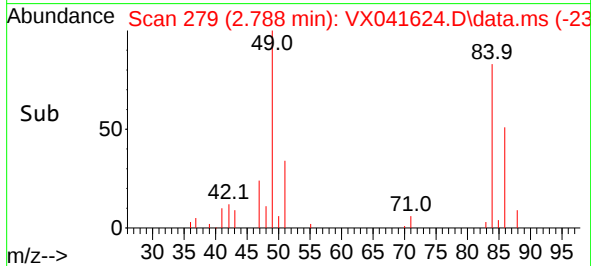
Instrument :
MSVOA_X
ClientSampleId :
2



Tgt Ion:	84	Resp:	704
Ion	Ratio	Lower	Upper
84	100		
49	120.3	103.6	155.4
51	40.9	33.8	50.6
86	60.8	49.4	74.0

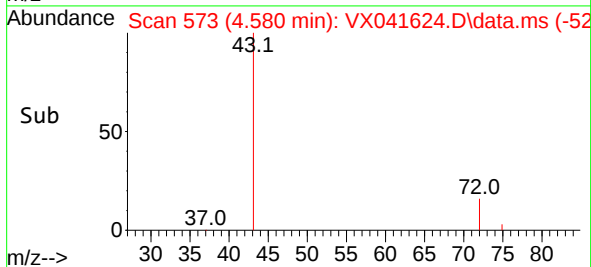
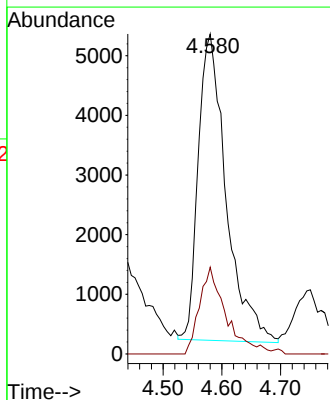
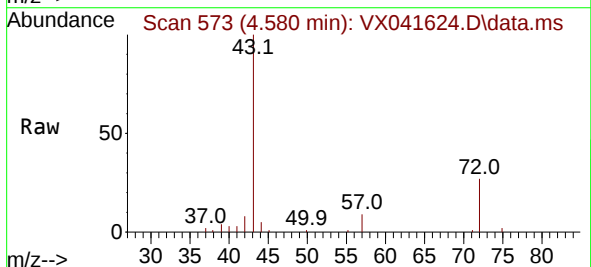
Manual Integrations
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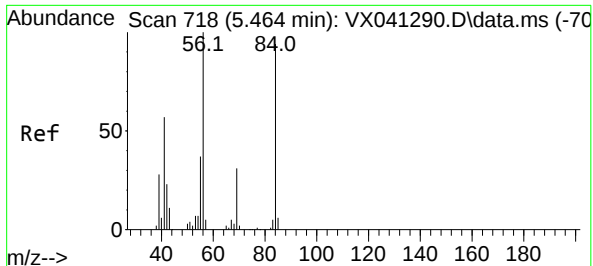
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#25
2-Butanone
Concen: 17.770 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

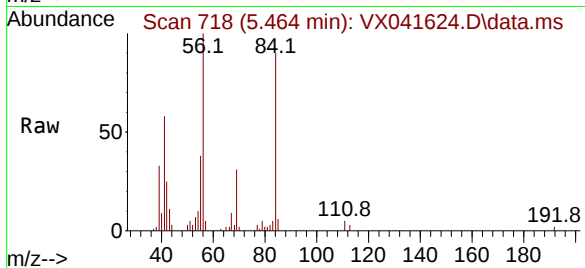
Tgt Ion:	43	Resp:	16935
Ion	Ratio	Lower	Upper
43	100		
72	28.5	19.4	29.2





#31
Cyclohexane
Concen: 13.247 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

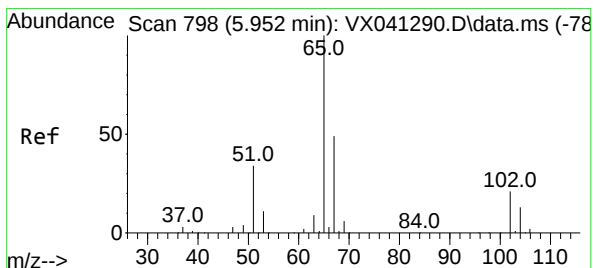
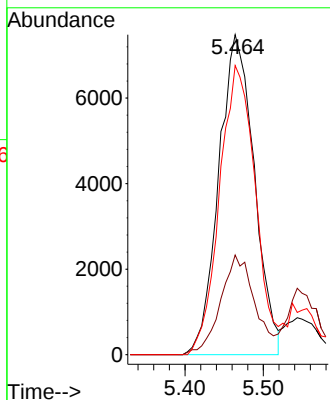
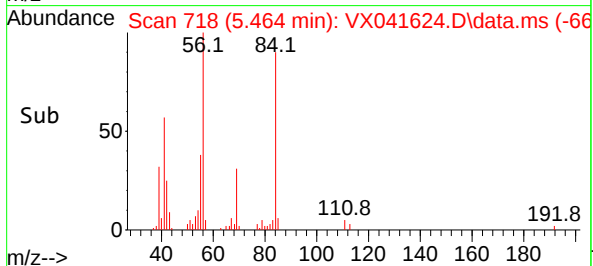
Instrument :
MSVOA_X
ClientSampleId :
2



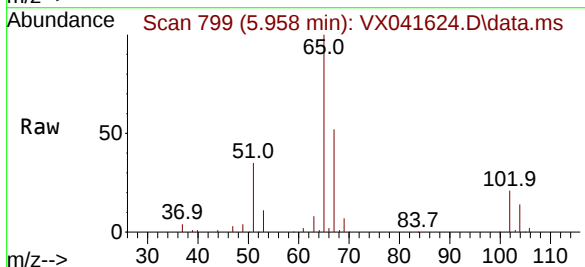
Tgt Ion: 56 Resp: 2354
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.2
84 90.3 65.9 98.9

Manual Integrations
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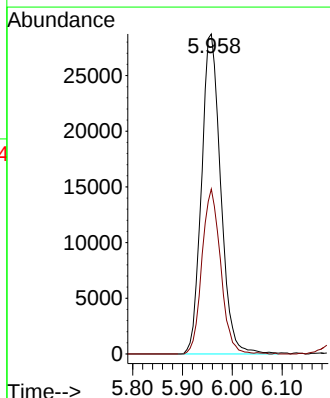
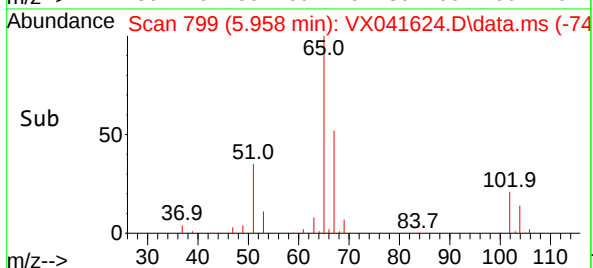
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024

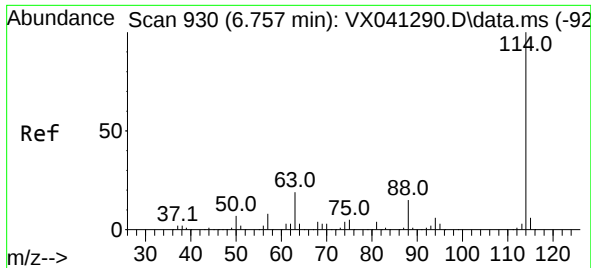


#33
1,2-Dichloroethane-d4
Concen: 52.086 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25



Tgt Ion: 65 Resp: 76696
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2





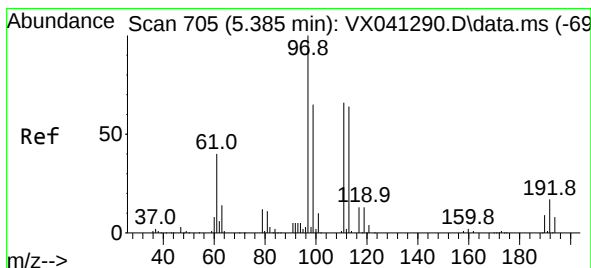
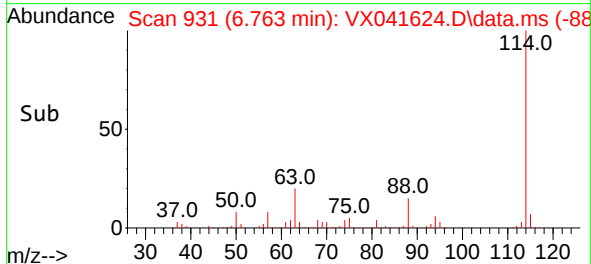
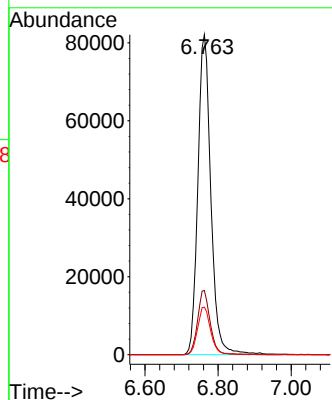
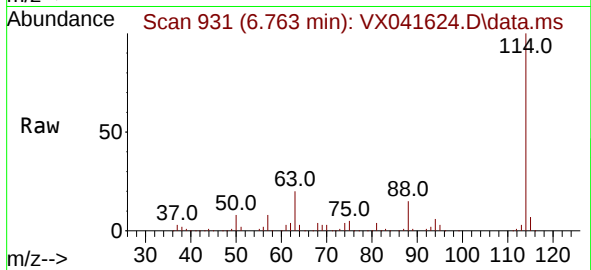
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

Instrument :
MSVOA_X
ClientSampleId :
2

Tgt Ion:114 Resp: 203210
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 14.9 0.0 36.6

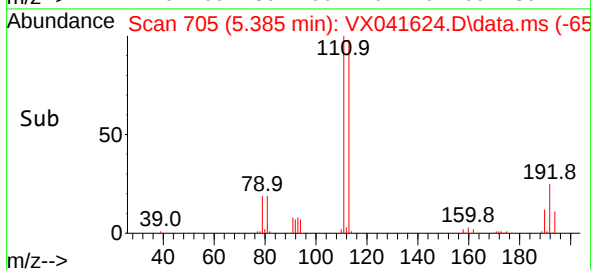
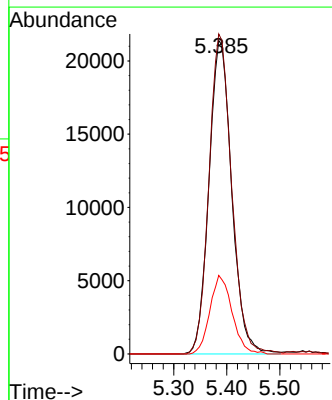
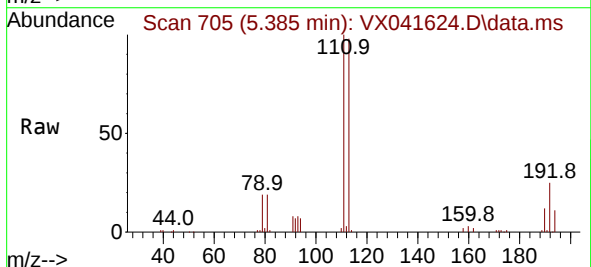
Manual Integrations
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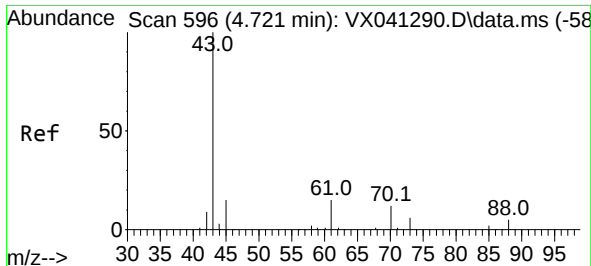
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#35
Dibromofluoromethane
Concen: 46.303 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

Tgt Ion:113 Resp: 63763
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 24.5 13.3 19.9#





#37

Ethyl Acetate

Concen: 1.593 ug/l

RT: 4.751 min Scan# 601

Delta R.T. 0.030 min

Lab File: VX041624.D

Acq: 23 May 2024 13:25

Instrument :

MSVOA_X

ClientSampleId :

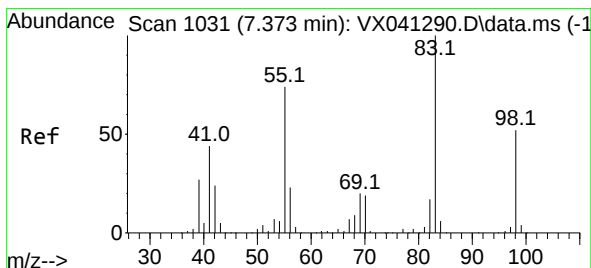
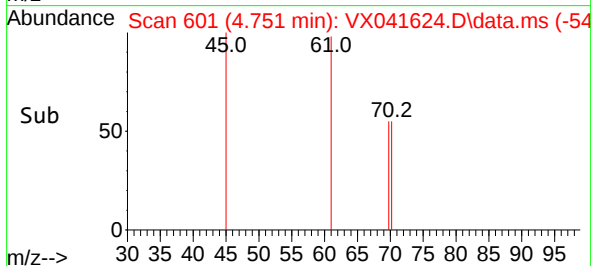
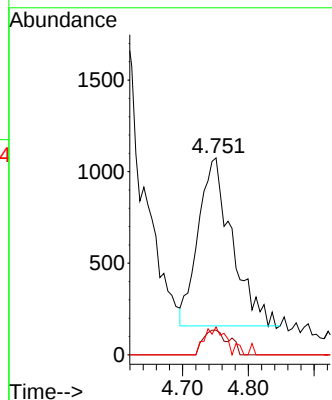
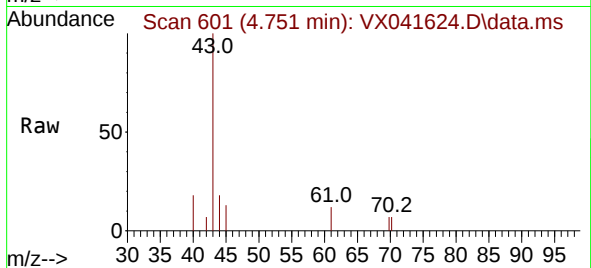
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Tgt Ion:	43	Resp:	3274
Ion	Ratio	Lower	Upper
43	100		
61	10.9	10.6	16.0
70	9.6	8.3	12.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#39

Methylcyclohexane

Concen: 8.049 ug/l

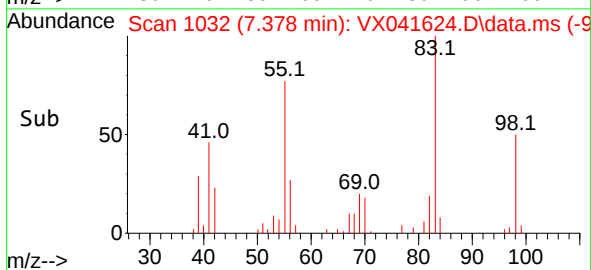
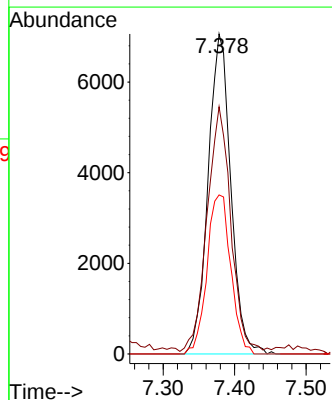
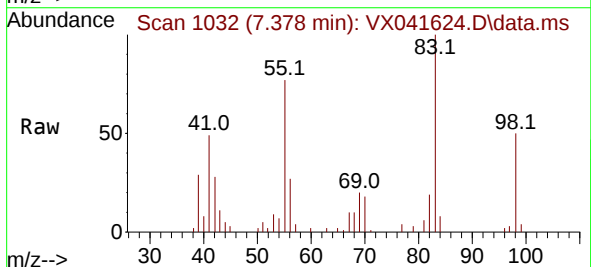
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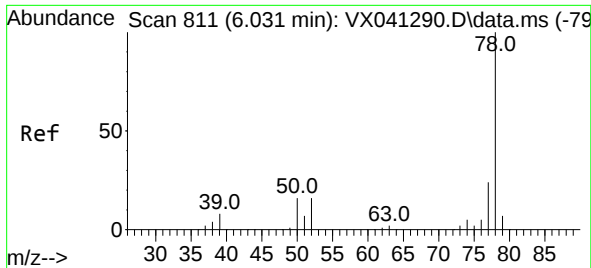
Delta R.T. 0.006 min

Lab File: VX041624.D

Acq: 23 May 2024 13:25

Tgt Ion:	83	Resp:	15571
Ion	Ratio	Lower	Upper
83	100		
55	76.5	64.6	97.0
98	49.7	36.7	55.1





#40

Benzene

Concen: 453.864 ug/l

RT: 6.037 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX041624.D

Acq: 23 May 2024 13:25

Instrument :

MSVOA_X

ClientSampleId :

2

Tgt Ion: 78 Resp: 2303924

Ion Ratio Lower Upper

78 100

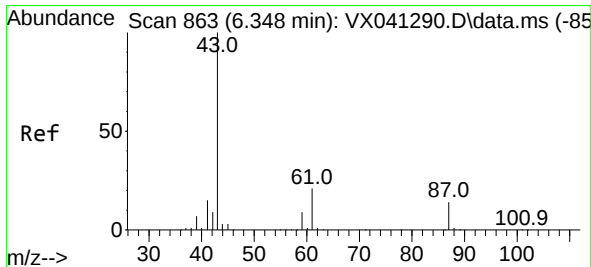
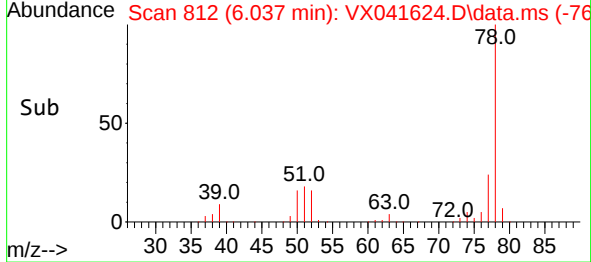
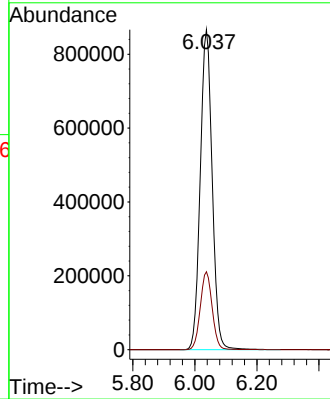
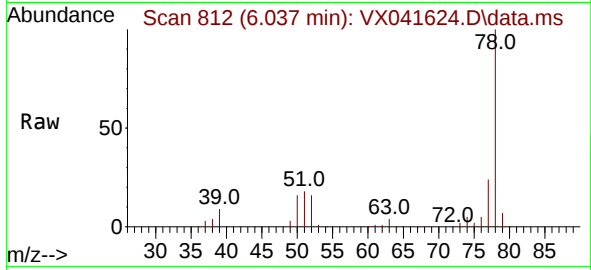
77 24.3 19.3 28.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/24/2024

Supervised By :Semsettin Yesilyurt 05/24/2024



#43

Isopropyl Acetate

Concen: 36.464 ug/l

RT: 6.348 min Scan# 863

Delta R.T. -0.000 min

Lab File: VX041624.D

Acq: 23 May 2024 13:25

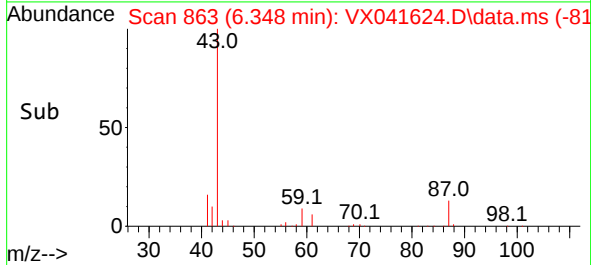
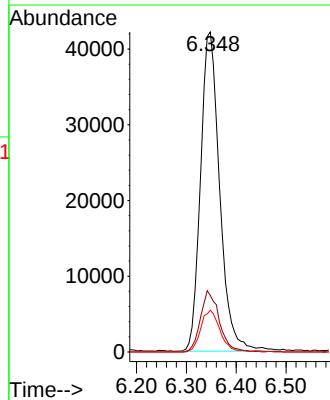
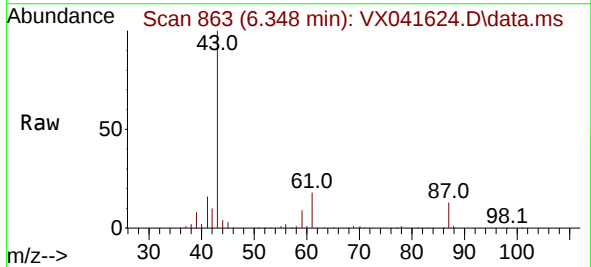
Tgt Ion: 43 Resp: 112644

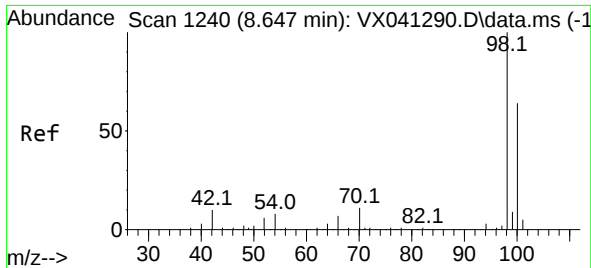
Ion Ratio Lower Upper

43 100

61 18.8 15.2 22.8

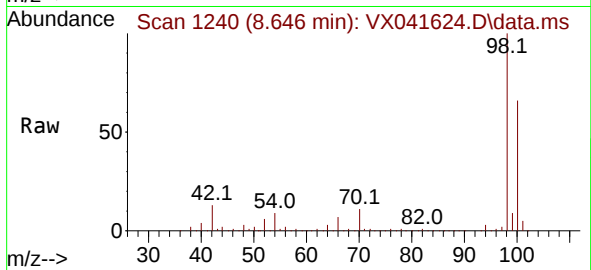
87 13.1 9.8 14.6





#50
Toluene-d8
Concen: 55.325 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

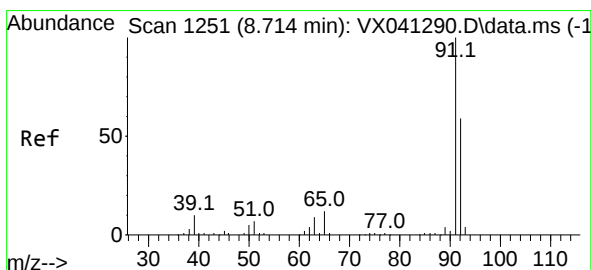
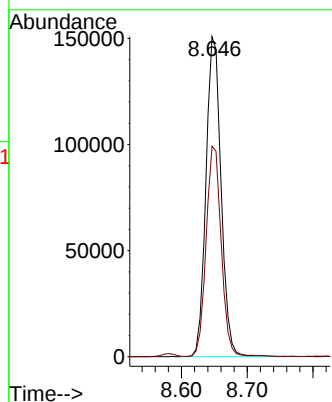
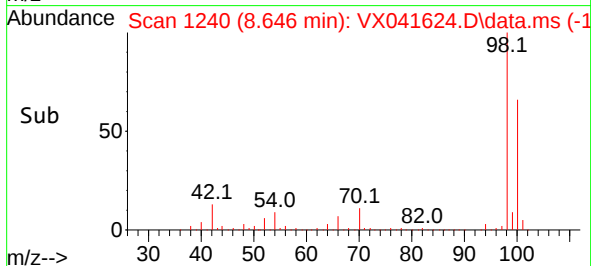
Instrument :
MSVOA_X
ClientSampleId :
2



Tgt Ion: 98 Resp: 241139
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7

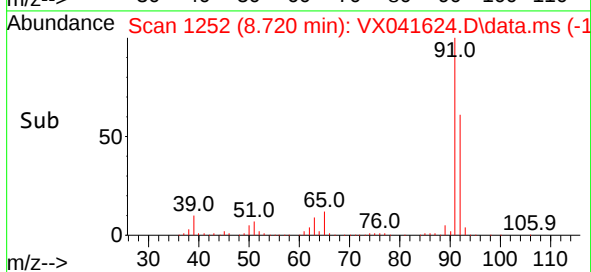
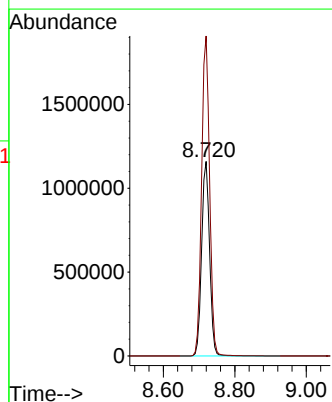
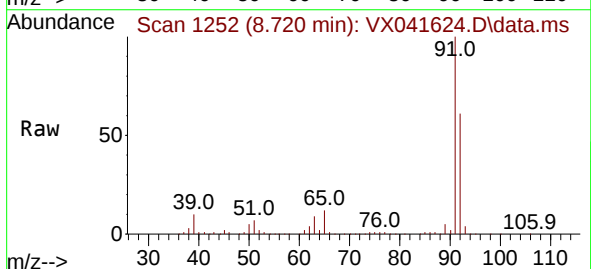
Manual Integrations
APPROVED

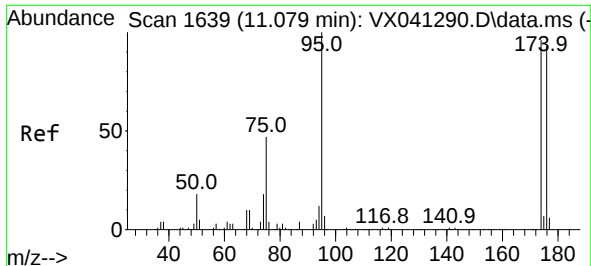
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#52
Toluene
Concen: 573.565 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

Tgt Ion: 92 Resp: 1781079
Ion Ratio Lower Upper
92 100
91 165.9 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 57.661 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041624.D

Acq: 23 May 2024 13:25

Instrument :

MSVOA_X

ClientSampleId :

2

Tgt Ion: 95 Resp: 97289

Ion Ratio Lower Upper

95 100

174 97.2 0.0 135.6

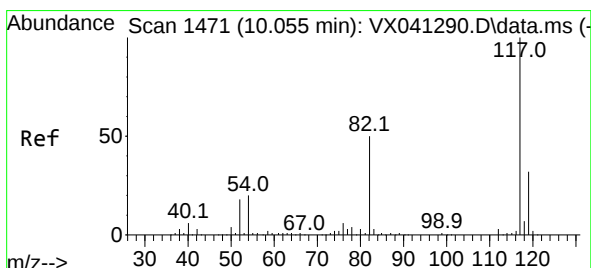
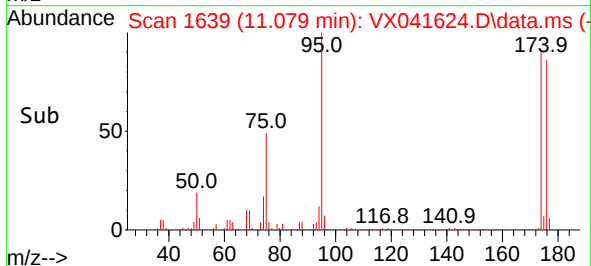
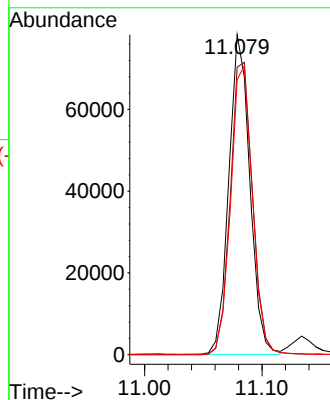
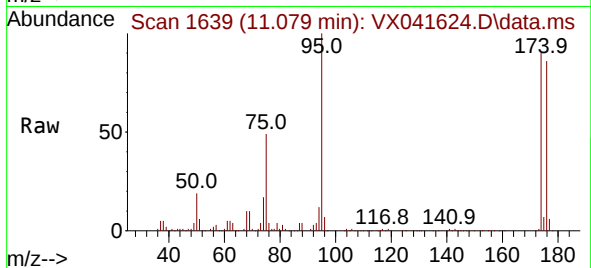
176 93.8 0.0 131.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024

Supervised By :Semsettin Yesilyurt 05/24/2024



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX041624.D

Acq: 23 May 2024 13:25

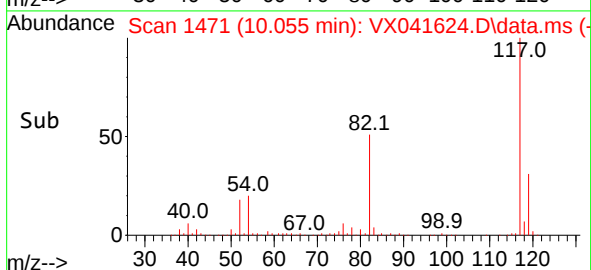
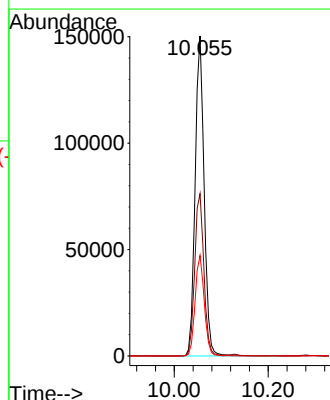
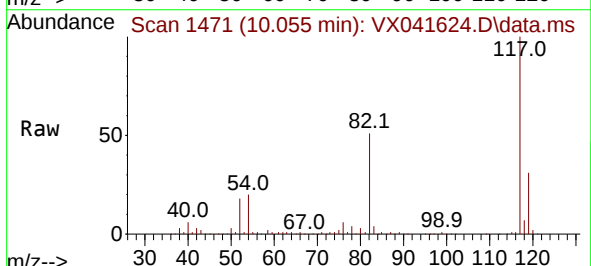
Tgt Ion:117 Resp: 200860

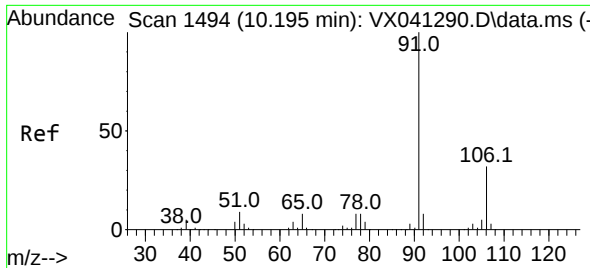
Ion Ratio Lower Upper

117 100

82 50.7 46.2 69.4

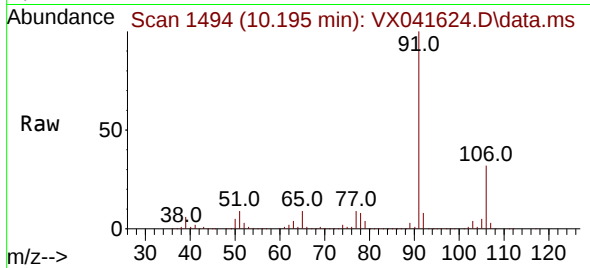
119 31.4 25.5 38.3





#67
Ethyl Benzene
Concen: 67.833 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

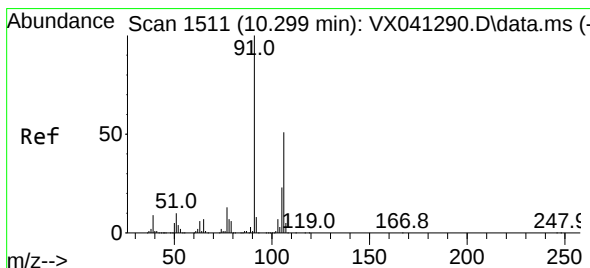
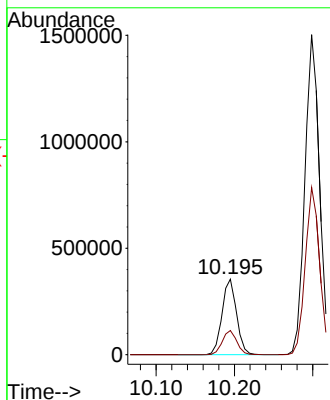
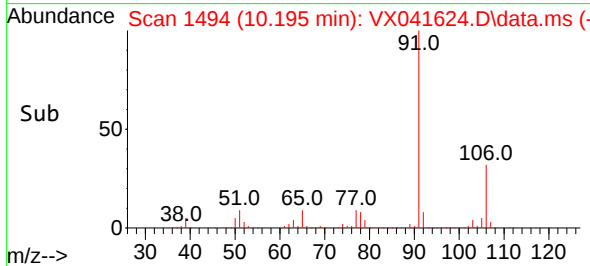
Instrument :
MSVOA_X
ClientSampleId :
2



Tgt Ion: 91 Resp: 45633
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

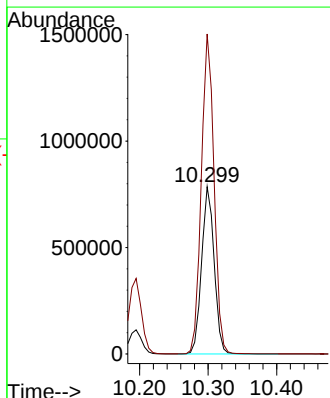
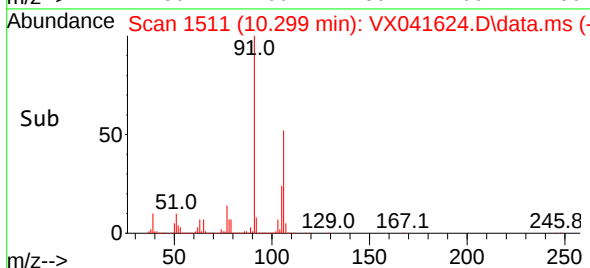
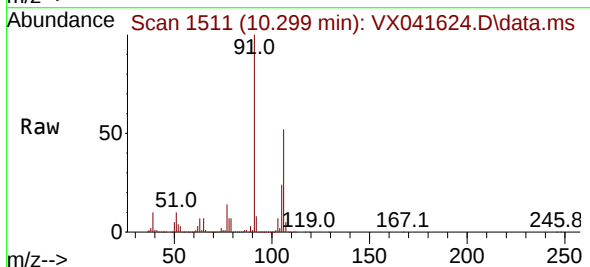
Manual Integrations
APPROVED

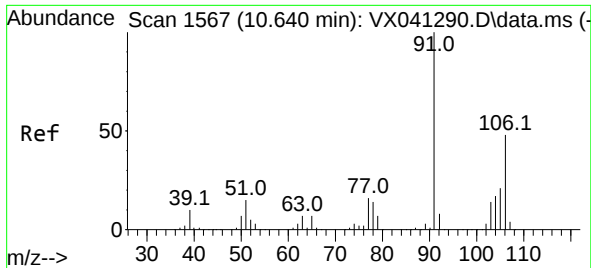
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#68
m/p-Xylenes
Concen: 371.989 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

Tgt Ion:106 Resp: 1002135
Ion Ratio Lower Upper
106 100
91 193.7 165.5 248.3





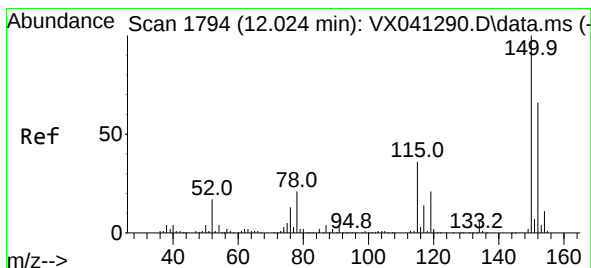
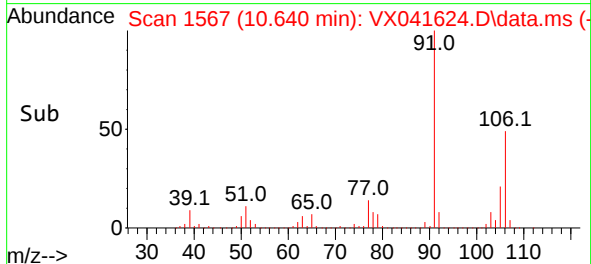
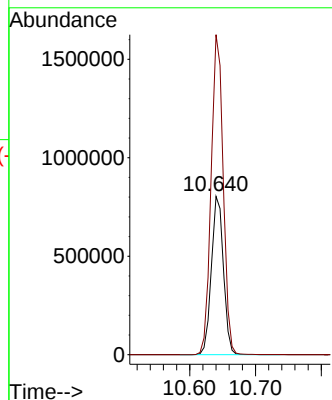
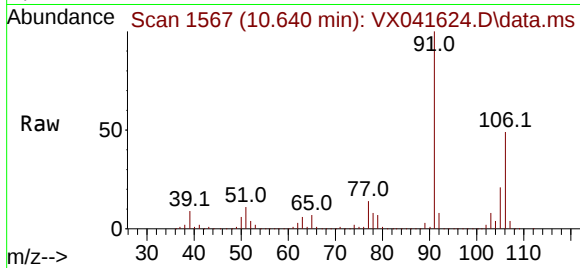
#69
o-Xylene
Concen: 396.825 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

Instrument :
MSVOA_X
ClientSampleId :
2

Tgt Ion:106 Resp: 102359
Ion Ratio Lower Upper
106 100
91 203.2 108.9 326.8

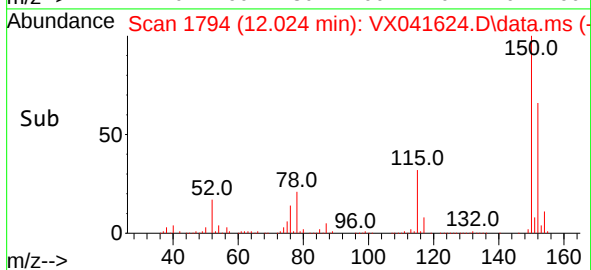
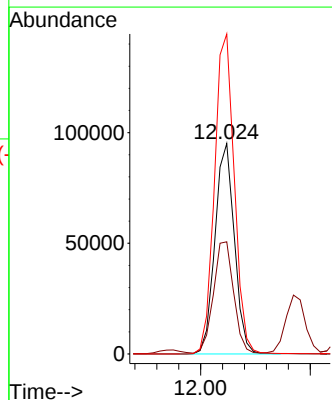
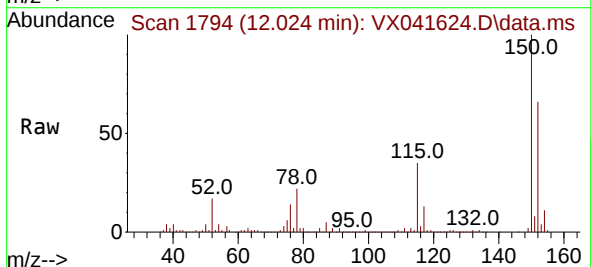
Manual Integrations
APPROVED

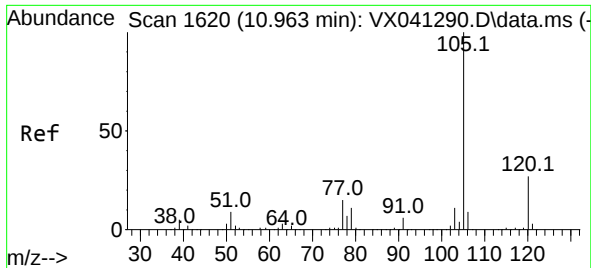
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

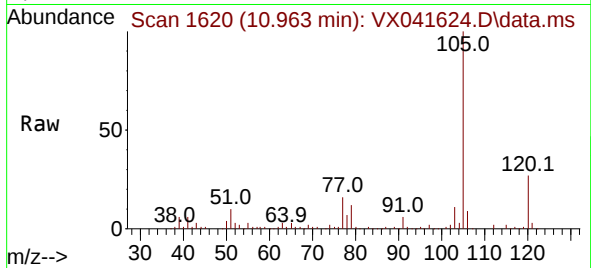
Tgt Ion:152 Resp: 117164
Ion Ratio Lower Upper
152 100
115 54.8 43.3 129.9
150 155.1 0.0 345.0





#73
Isopropylbenzene
Concen: 6.751 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

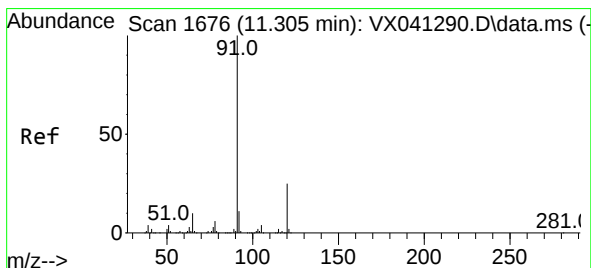
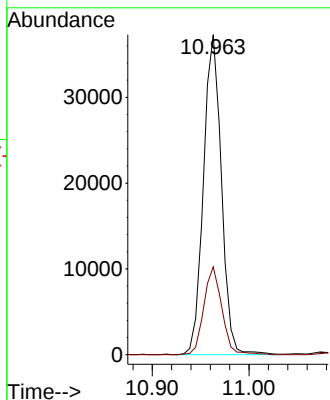
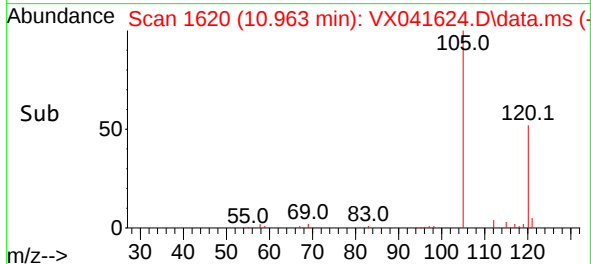
Instrument :
MSVOA_X
ClientSampleId :
2



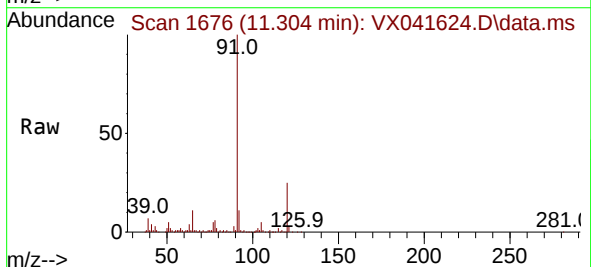
Tgt Ion:105 Resp: 48285
Ion Ratio Lower Upper
105 100
120 27.5 12.9 38.6

Manual Integrations
APPROVED

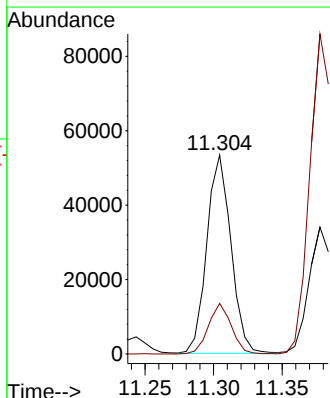
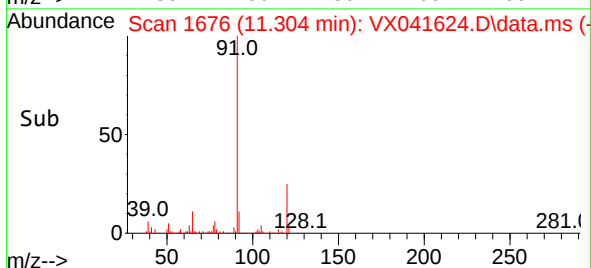
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024

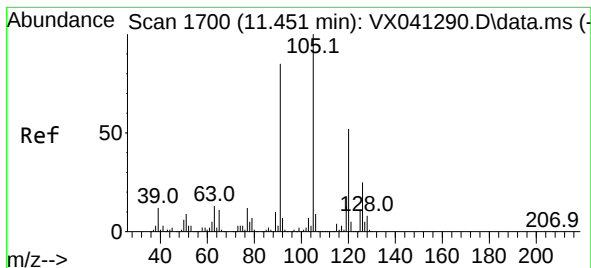


#78
n-propylbenzene
Concen: 8.696 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25



Tgt Ion: 91 Resp: 65323
Ion Ratio Lower Upper
91 100
120 24.1 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 85.735 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX041624.D

Acq: 23 May 2024 13:25

Instrument :

MSVOA_X

ClientSampleId :

2

Tgt Ion:105 Resp: 499850

Ion Ratio Lower Upper

105 100

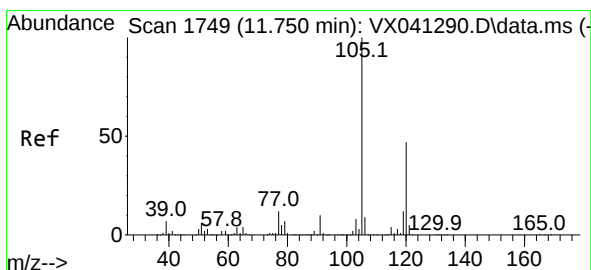
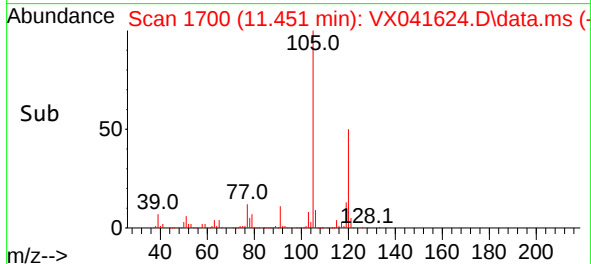
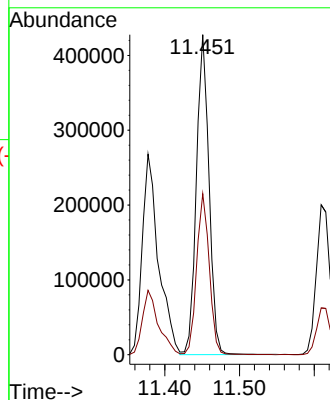
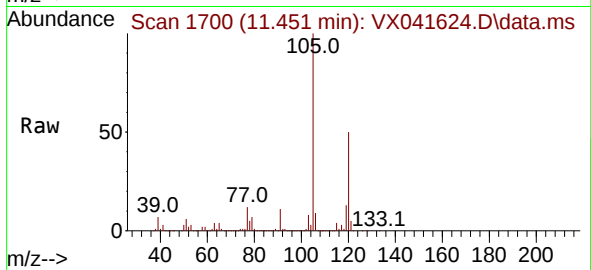
120 50.3 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024

Supervised By :Semsettin Yesilyurt 05/24/2024



#84

1,2,4-Trimethylbenzene

Concen: 221.291 ug/l

RT: 11.749 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX041624.D

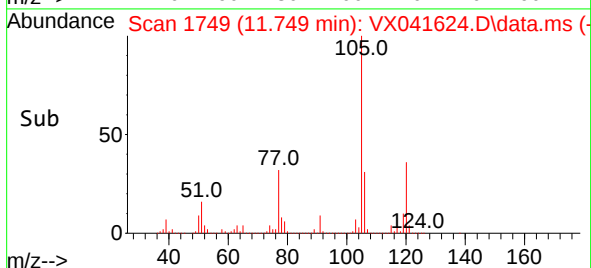
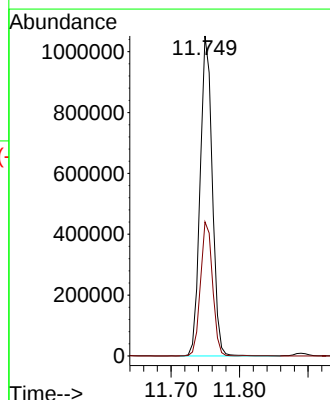
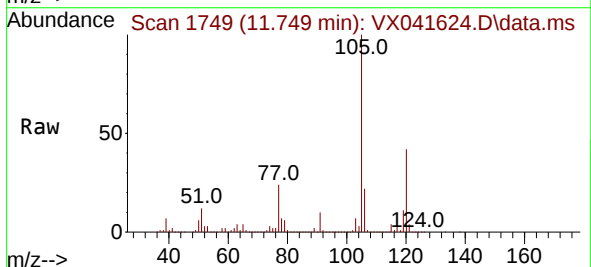
Acq: 23 May 2024 13:25

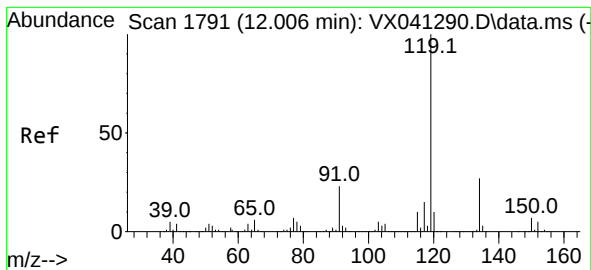
Tgt Ion:105 Resp: 1298173

Ion Ratio Lower Upper

105 100

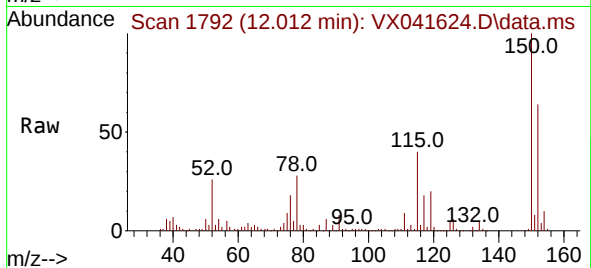
120 41.6 21.2 63.6





#86
p-Isopropyltoluene
Concen: 2.410 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. 0.006 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

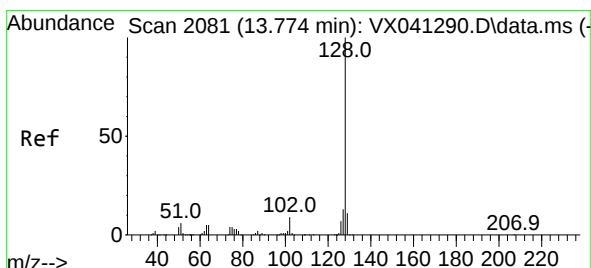
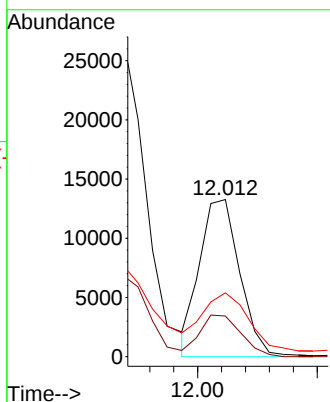
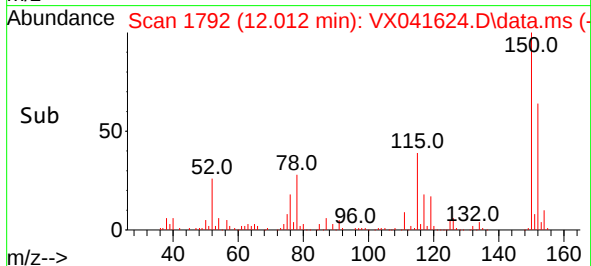
Instrument :
MSVOA_X
ClientSampleId :
2



Tgt Ion:119 Resp: 1548
Ion Ratio Lower Upper
119 100
134 55.7 12.8 38.3#
91 73.2 13.1 39.3#

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#95
Naphthalene
Concen: 1770.055 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX041624.D
Acq: 23 May 2024 13:25

Tgt Ion:128 Resp:14209087
Ion Ratio Lower Upper
128 100
127 21.7 10.3 15.5#
129 19.3 8.8 13.2#

