

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041327.D
 Acq On : 01 May 2024 15:30
 Operator : JC/MD
 Sample : P2264-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-1-9.0-042424

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2024
 Supervised By : Semsettin Yesilyurt 05/02/2024

Quant Time: May 02 03:11:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	183052	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	262301	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98299	49.328	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.660%		
35) Dibromofluoromethane	5.391	113	79427	44.684	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.360%		
50) Toluene-d8	8.647	98	294822	52.403	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.800%		
62) 4-Bromofluorobenzene	11.079	95	116381	53.438	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.880%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	10816	8.548	ug/l	90
25) 2-Butanone	4.593	43	3951	3.063	ug/l	# 85
31) Cyclohexane	5.464	56	81419	33.852	ug/l	90
39) Methylcyclohexane	7.379	83	55547	22.245	ug/l	96
40) Benzene	6.037	78	104858	16.003	ug/l	97
52) Toluene	8.720	92	21177	5.283	ug/l	96
67) Ethyl Benzene	10.195	91	19580	2.300	ug/l	98
68) m/p-Xylenes	10.299	106	79385	23.285	ug/l	93
69) o-Xylene	10.640	106	3572	1.094	ug/l	89
73) Isopropylbenzene	10.963	105	736405	87.195	ug/l	96
78) n-propylbenzene	11.305	91	1618707	182.487	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	11019m	1.600	ug/l	
83) tert-Butylbenzene	11.713	119	38873	5.273	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	5810m	0.839	ug/l	
85) sec-Butylbenzene	11.890	105	203494	24.085	ug/l	100
89) n-Butylbenzene	12.335	91	94100	15.422	ug/l	# 79
95) Naphthalene	13.780	128	26791	2.826	ug/l	# 94

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

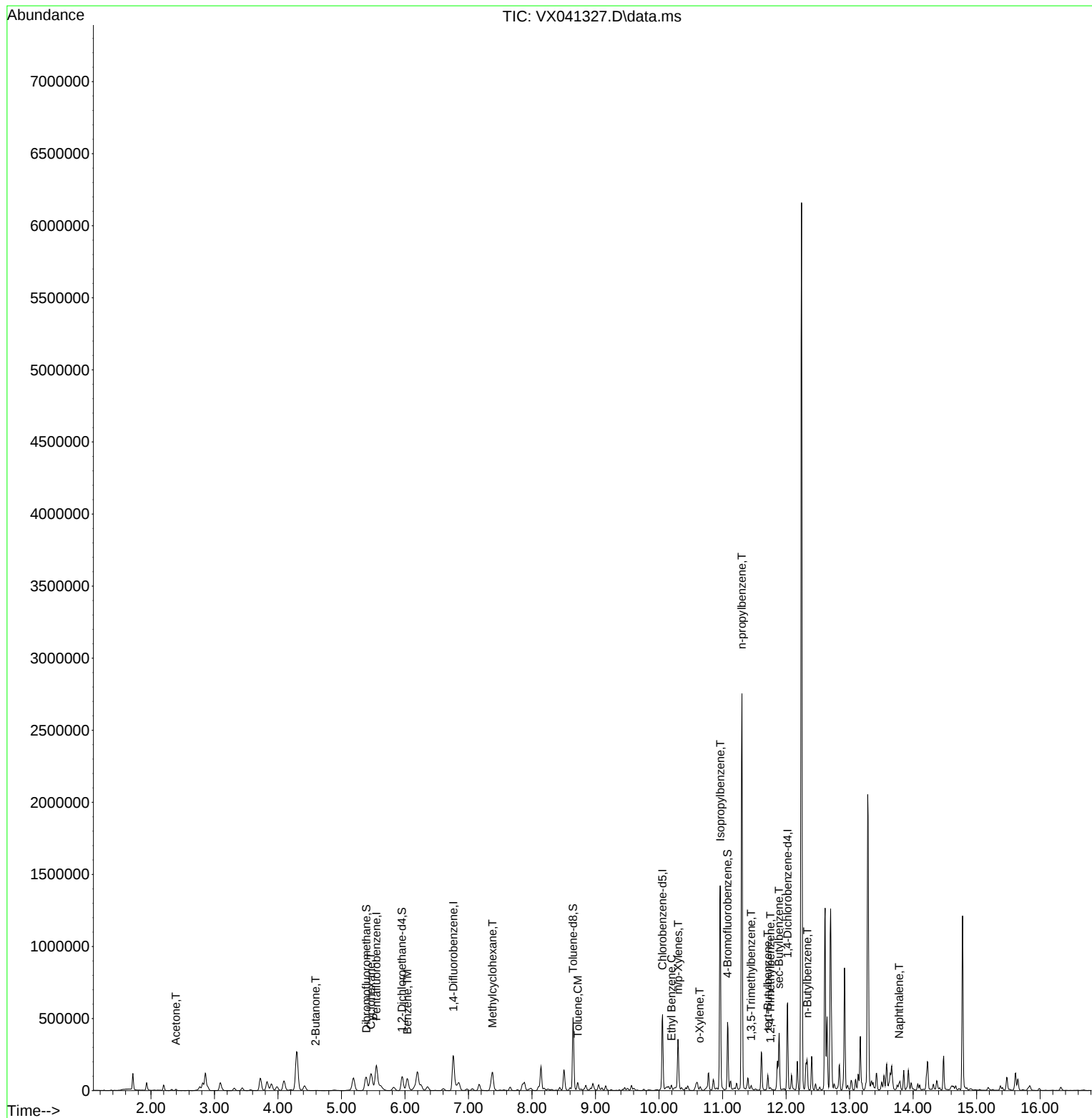
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041327.D
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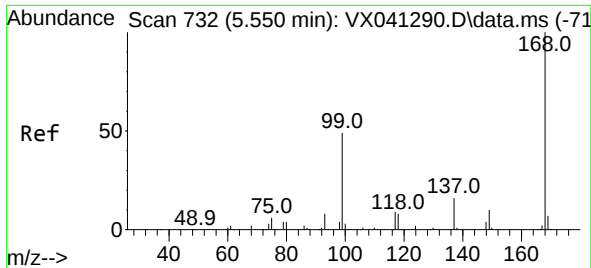
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424

Quant Time: May 02 03:11:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration

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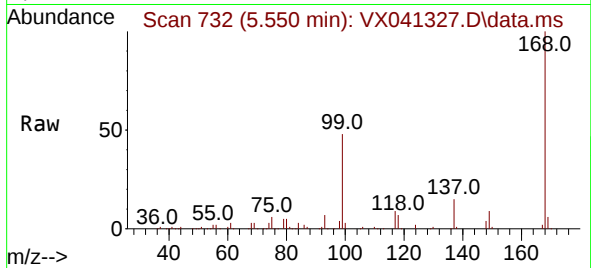
Reviewed By : John Carlone 05/02/2024
Supervised By : Semsettin Yesilyurt 05/02/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

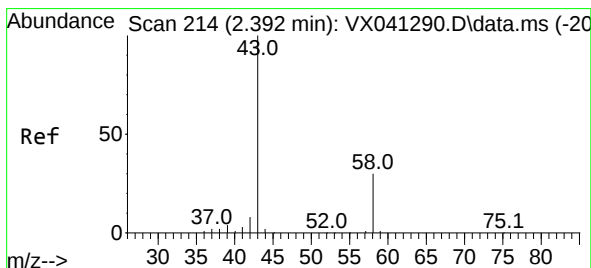
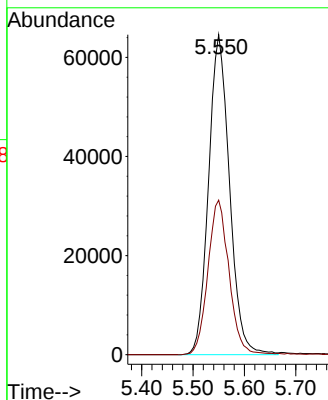
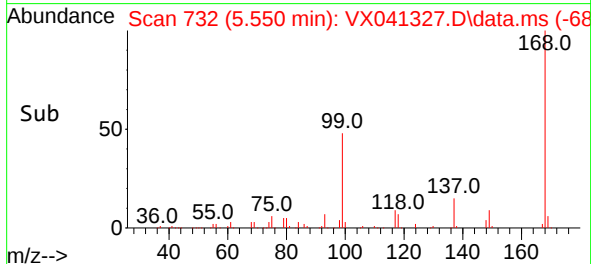
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424



Tgt Ion:168 Resp: 183052
Ion Ratio Lower Upper
168 100
99 48.3 56.6 85.0

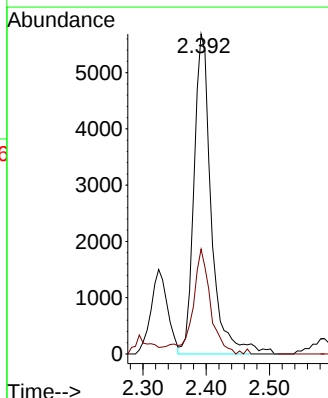
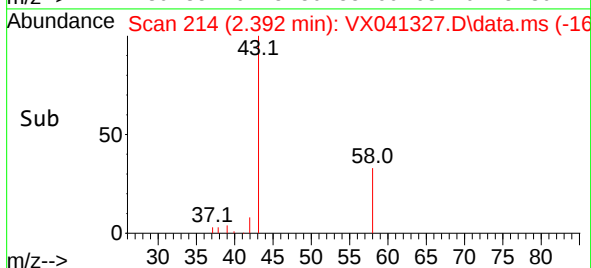
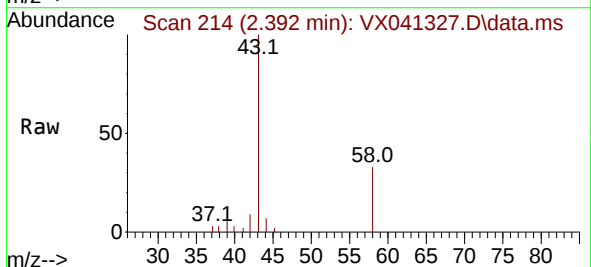
Manual Integrations
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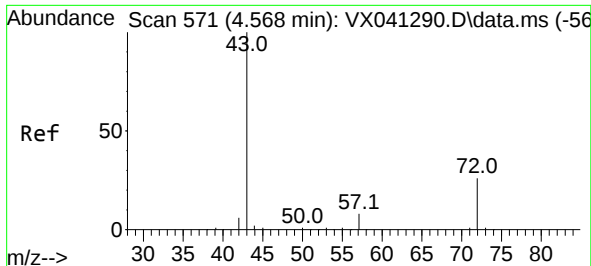
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#16
Acetone
Concen: 8.548 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

Tgt Ion: 43 Resp: 10816
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9





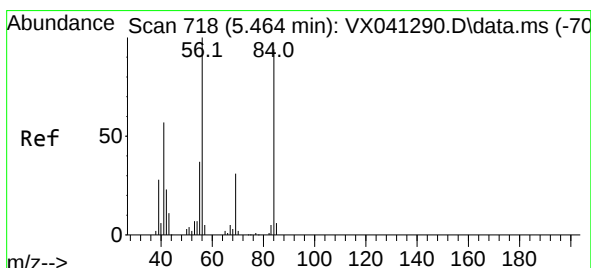
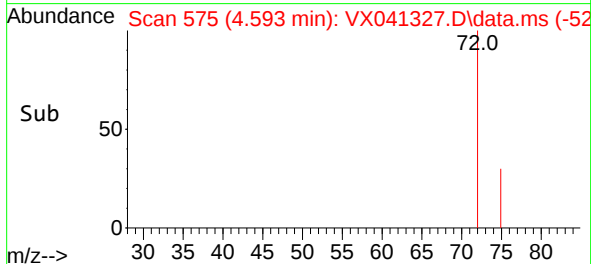
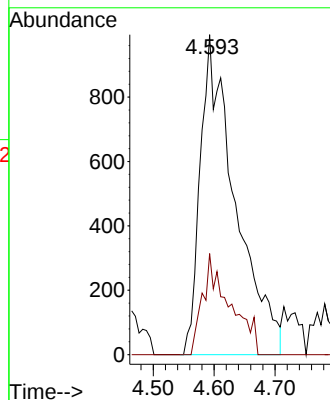
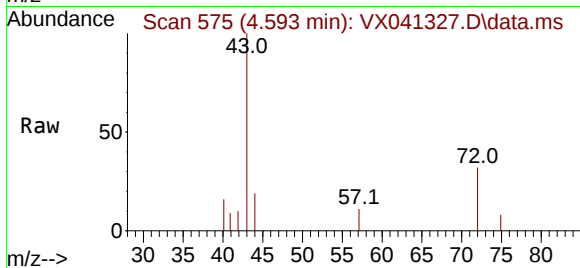
#25
2-Butanone
Concen: 3.063 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424

Tgt Ion: 43 Resp: 395
Ion Ratio Lower Upper
43 100
72 31.6 19.4 29.2

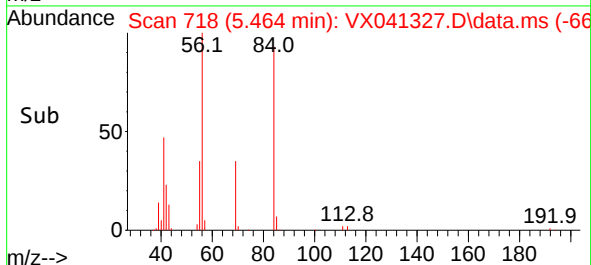
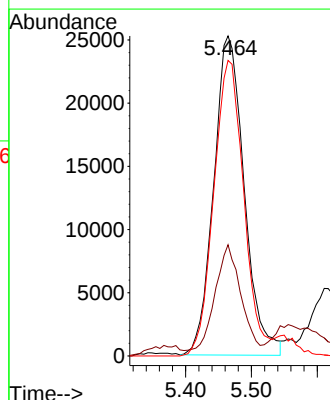
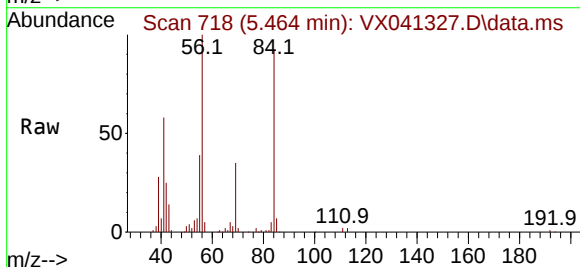
Manual Integrations
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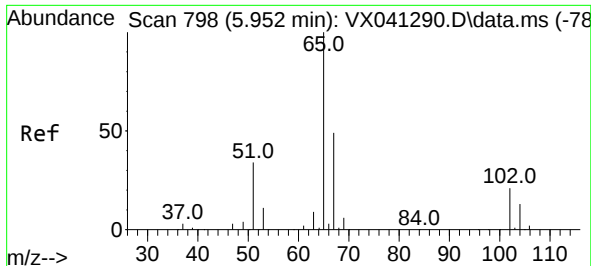
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#31
Cyclohexane
Concen: 33.852 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

Tgt Ion: 56 Resp: 81419
Ion Ratio Lower Upper
56 100
69 33.0 23.4 35.2
84 92.7 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 49.328 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041327.D

Acq: 01 May 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-1-9.0-042424

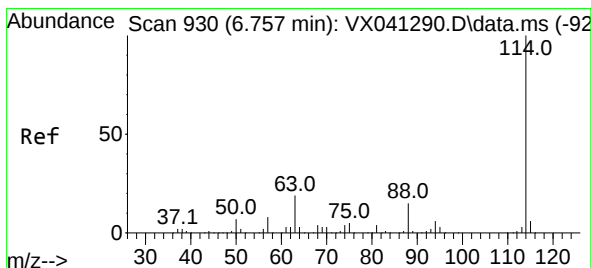
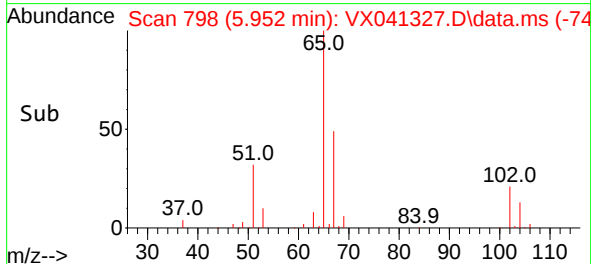
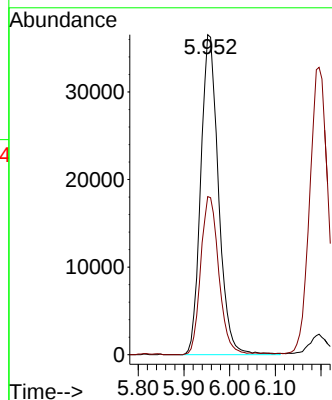
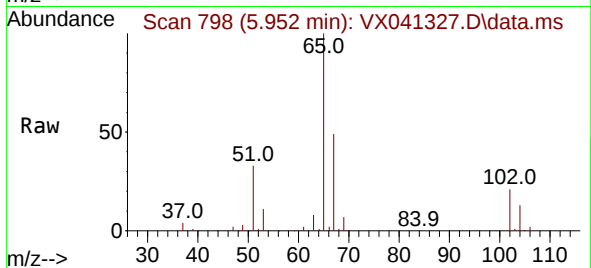
Tgt Ion: 65 Resp: 98299
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 100.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 05/02/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

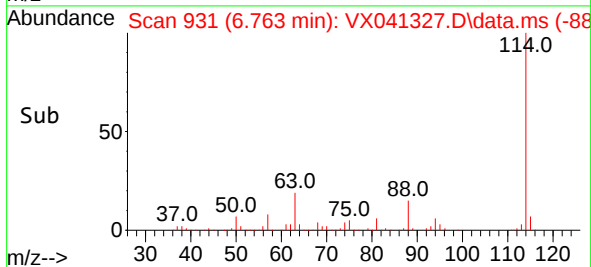
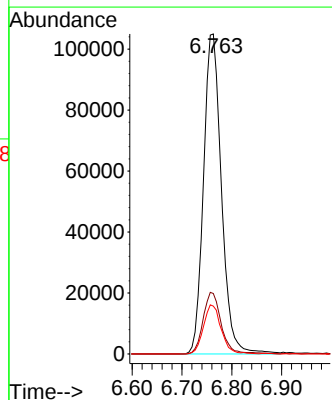
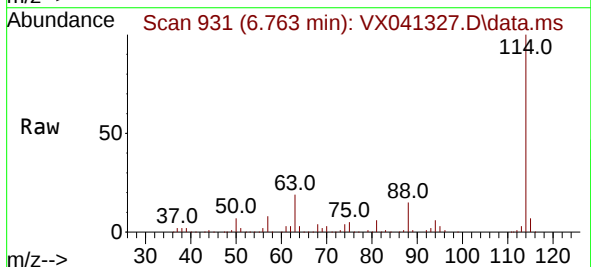
RT: 6.763 min Scan# 931

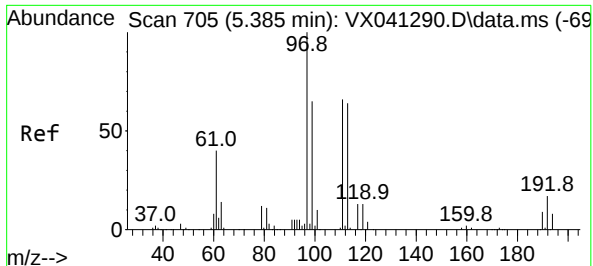
Delta R.T. 0.006 min

Lab File: VX041327.D

Acq: 01 May 2024 15:30

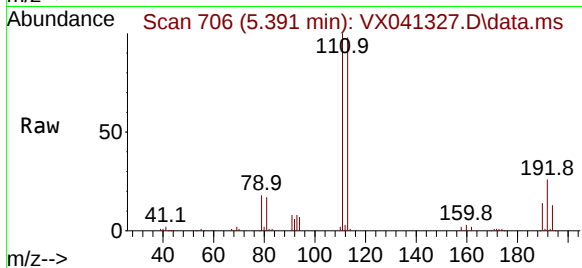
Tgt Ion:114 Resp: 262301
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 45.0
 88 15.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 44.684 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

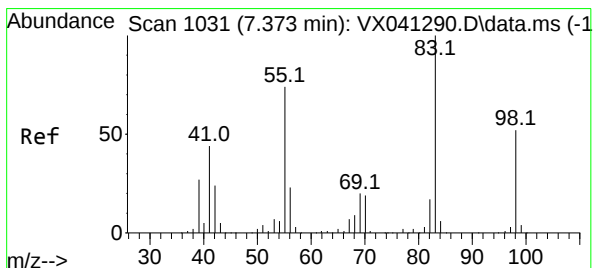
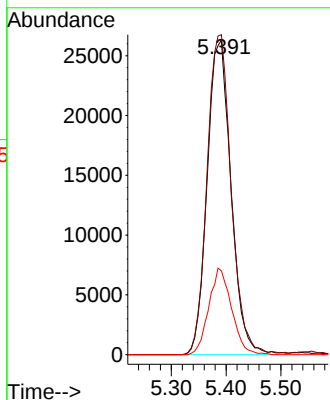
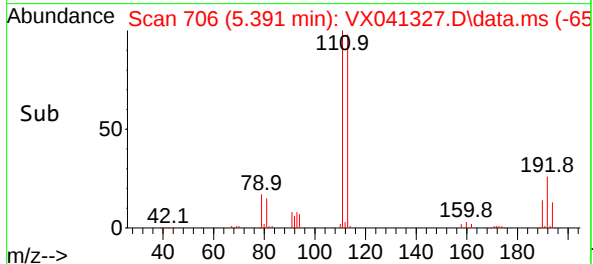
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424



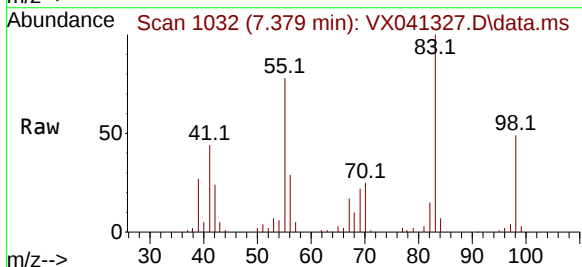
Tgt Ion: 113 Resp: 7942
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 26.3 13.3 19.9

Manual Integrations
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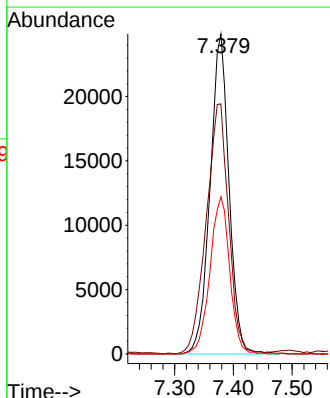
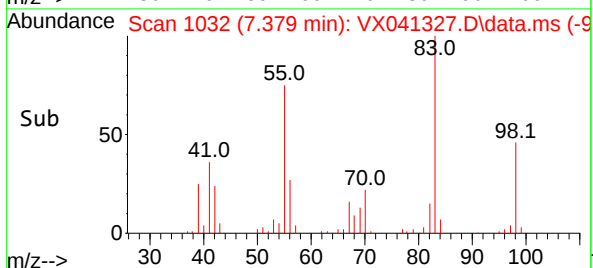
Reviewed By :John Carlone 05/02/2024
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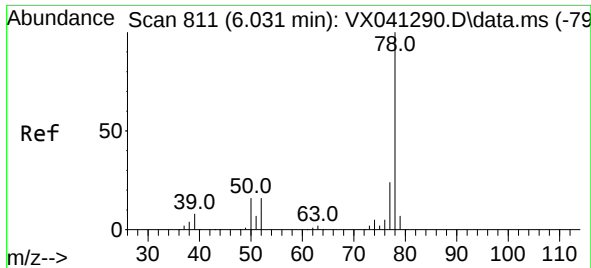


#39
Methylcyclohexane
Concen: 22.245 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30



Tgt Ion: 83 Resp: 55547
Ion Ratio Lower Upper
83 100
55 77.9 64.6 97.0
98 49.1 36.7 55.1





#40

Benzene

Concen: 16.003 ug/l

RT: 6.037 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX041327.D

Acq: 01 May 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-1-9.0-042424

Tgt Ion: 78 Resp: 104858

Ion Ratio Lower Upper

78 100

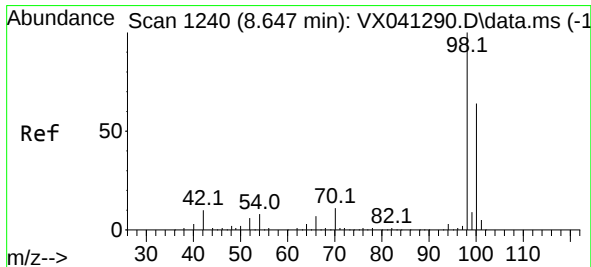
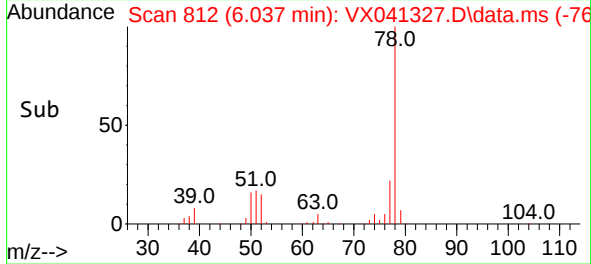
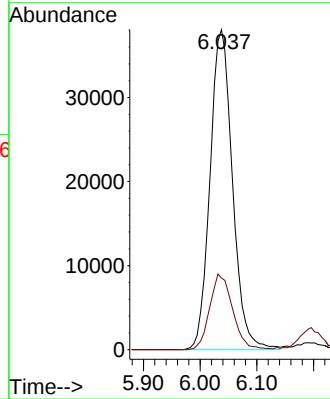
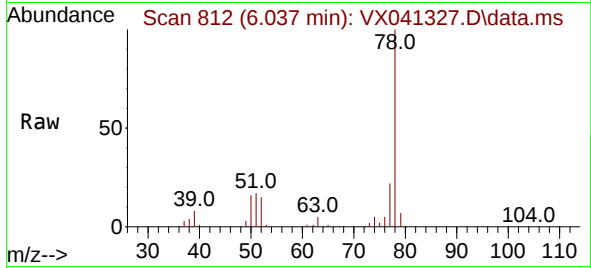
77 22.4 19.3 28.9

Manual Integrations

APPROVED

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#50

Toluene-d8

Concen: 52.403 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041327.D

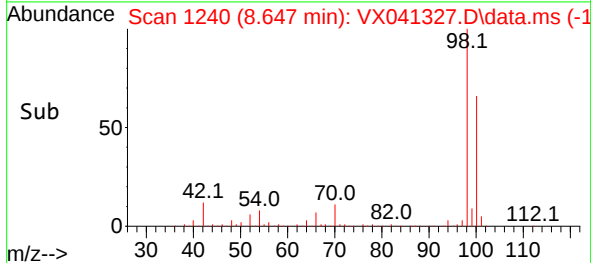
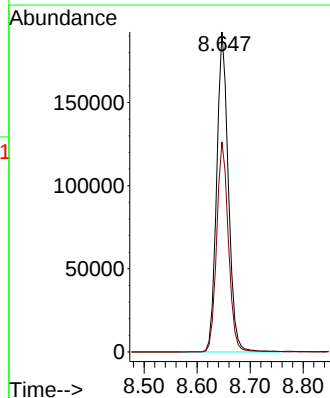
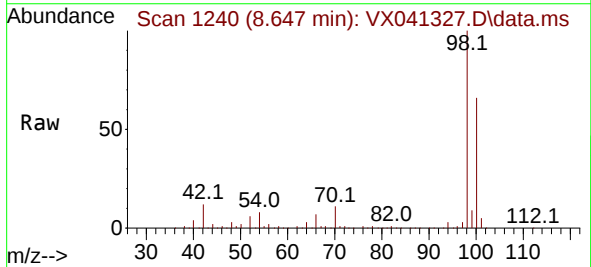
Acq: 01 May 2024 15:30

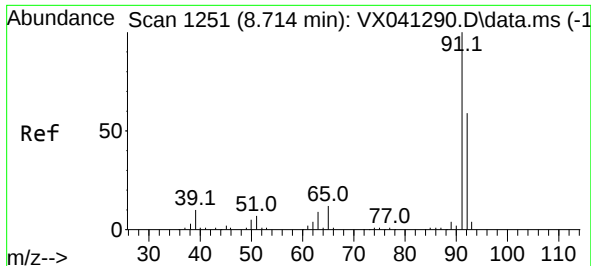
Tgt Ion: 98 Resp: 294822

Ion Ratio Lower Upper

98 100

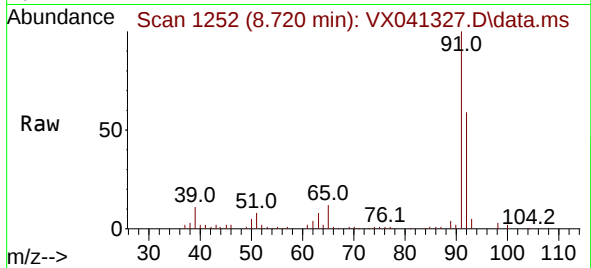
100 66.1 53.1 79.7





#52
Toluene
Concen: 5.283 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

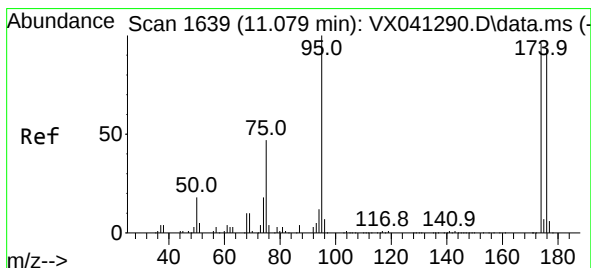
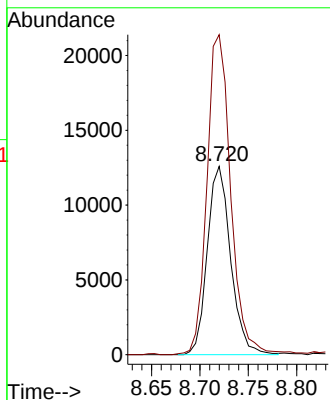
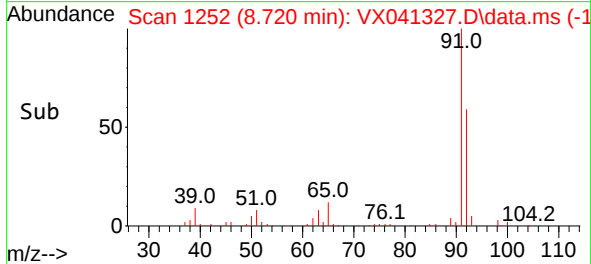
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424



Tgt Ion: 92 Resp: 2117
Ion Ratio Lower Upper
92 100
91 173.6 134.2 201.2

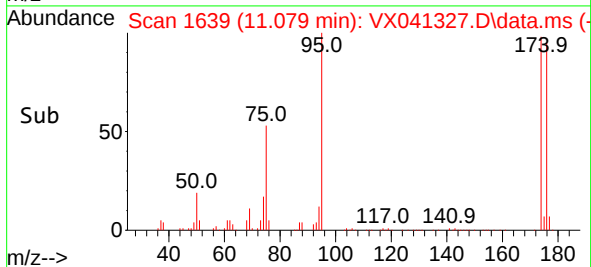
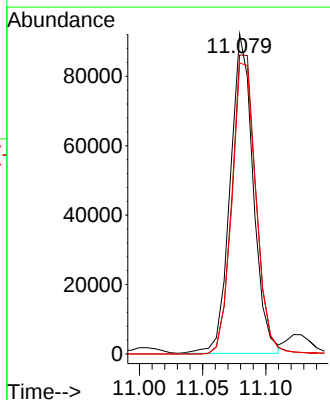
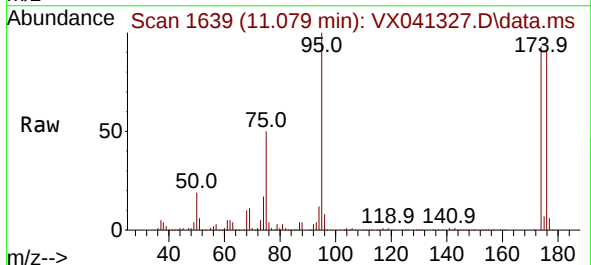
Manual Integrations
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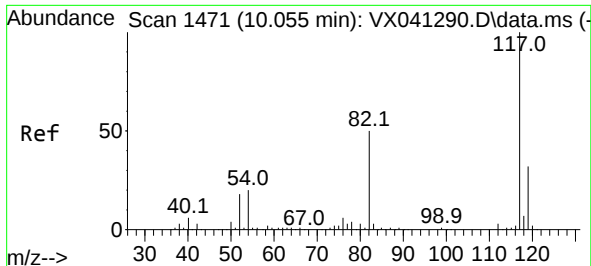
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#62
4-Bromofluorobenzene
Concen: 53.438 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

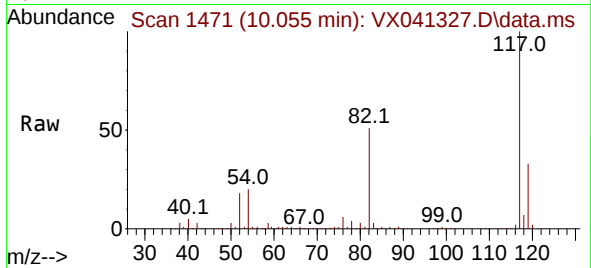
Tgt Ion: 95 Resp: 116381
Ion Ratio Lower Upper
95 100
174 98.4 0.0 135.6
176 96.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

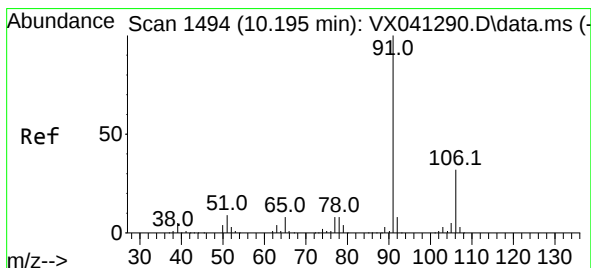
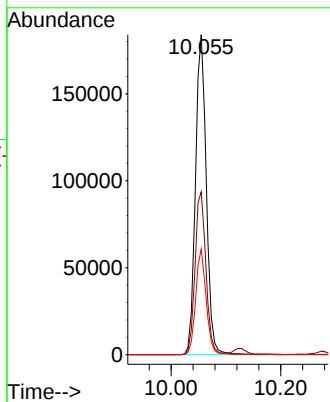
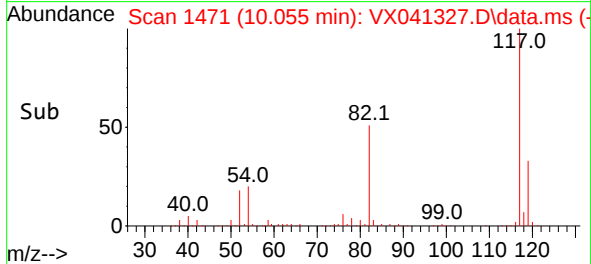
Instrument :
MSVOA_X
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T3-MW-1-9.0-042424



Tgt Ion:117 Resp: 254189
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 32.9 25.5 38.3

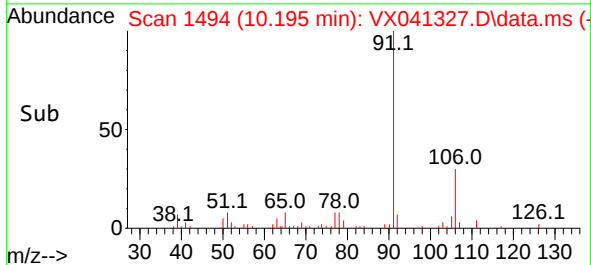
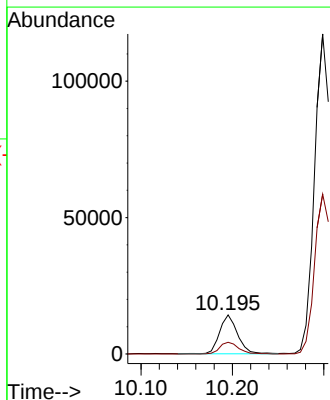
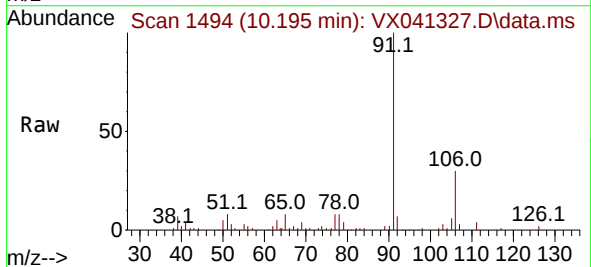
Manual Integrations
APPROVED

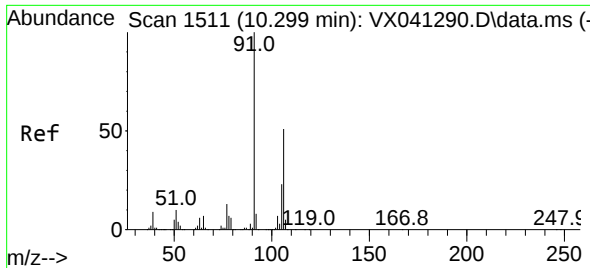
Reviewed By :John Carbone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#67
Ethyl Benzene
Concen: 2.300 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

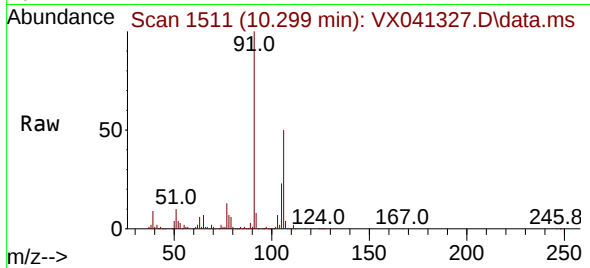
Tgt Ion: 91 Resp: 19580
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3





#68
m/p-Xylenes
Concen: 23.285 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

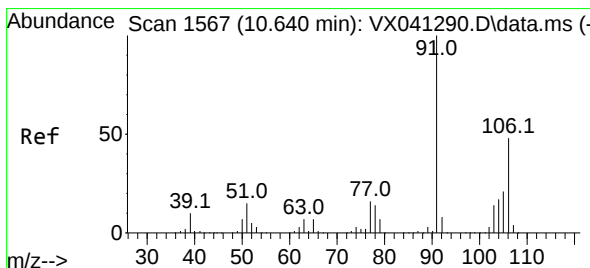
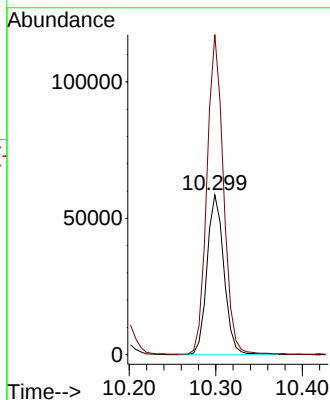
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424



Tgt Ion:106 Resp: 7938
Ion Ratio Lower Upper
106 100
91 195.6 165.5 248.3

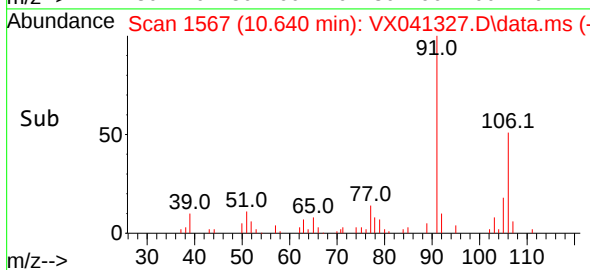
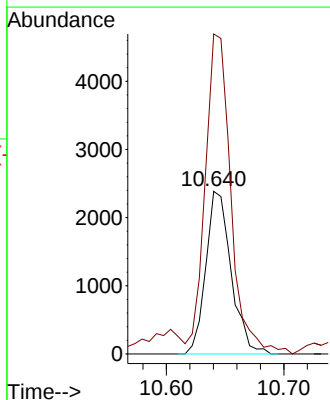
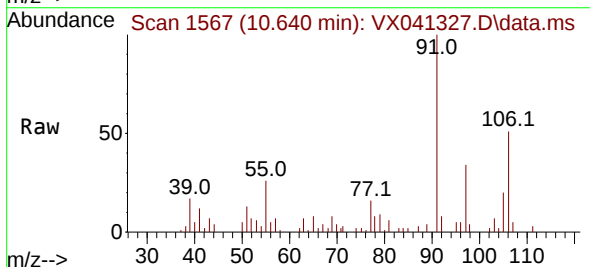
Manual Integrations
APPROVED

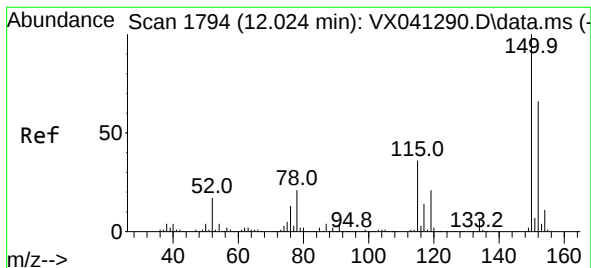
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#69
o-Xylene
Concen: 1.094 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

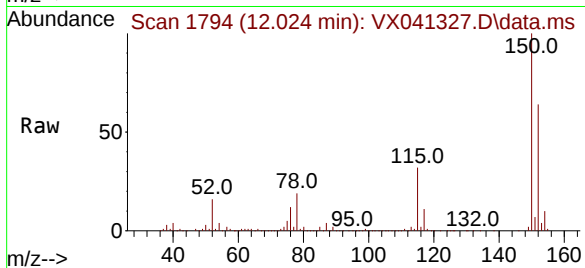
Tgt Ion:106 Resp: 3572
Ion Ratio Lower Upper
106 100
91 199.7 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

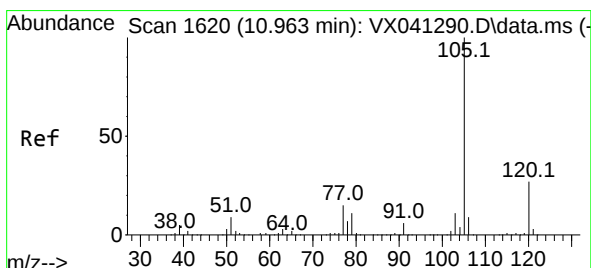
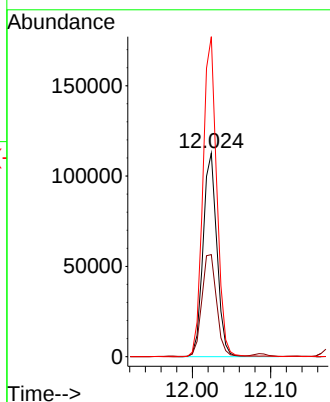
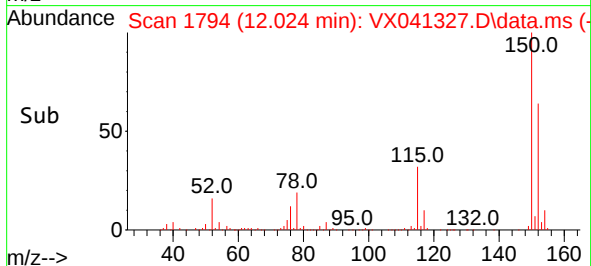
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424



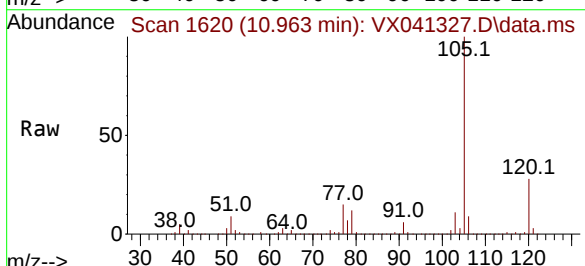
Tgt Ion:152 Resp: 138350
Ion Ratio Lower Upper
152 100
115 52.9 43.3 129.9
150 157.2 0.0 345.0

Manual Integrations
APPROVED

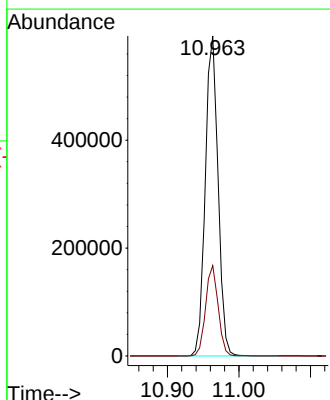
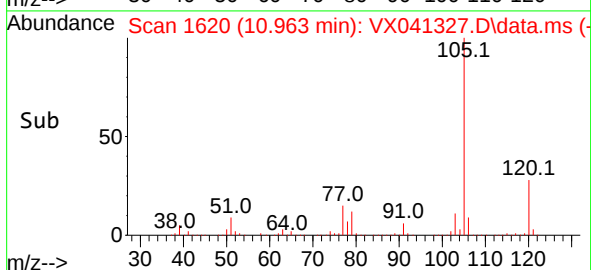
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

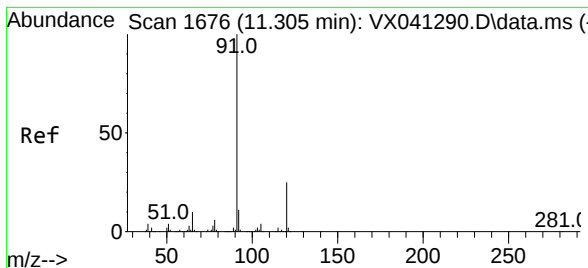


#73
Isopropylbenzene
Concen: 87.195 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30



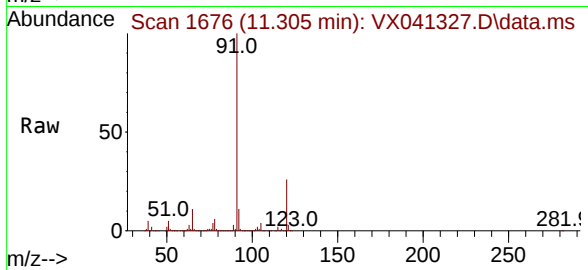
Tgt Ion:105 Resp: 736405
Ion Ratio Lower Upper
105 100
120 27.7 12.9 38.6





#78
n-propylbenzene
Concen: 182.487 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

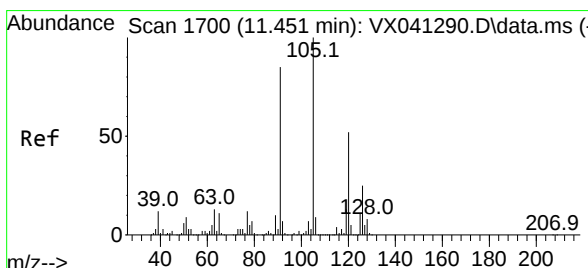
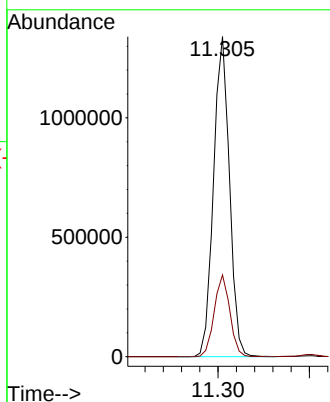
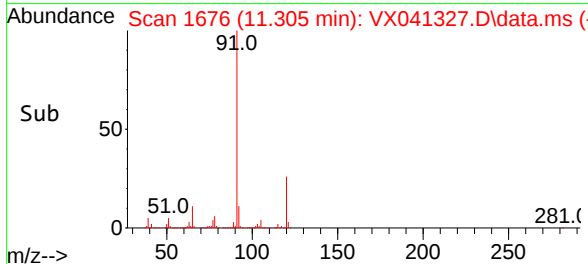
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424



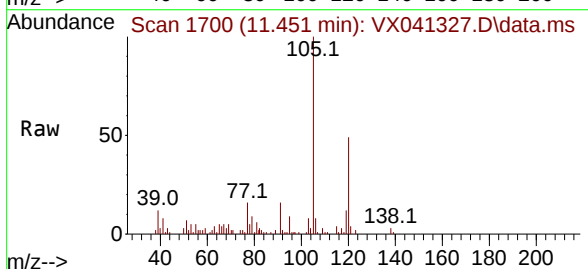
Tgt Ion: 91 Resp: 161870
Ion Ratio Lower Upper
91 100
120 25.0 11.5 34.4

Manual Integrations
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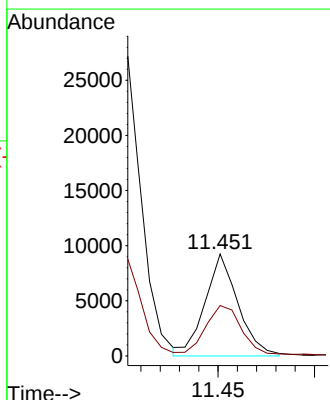
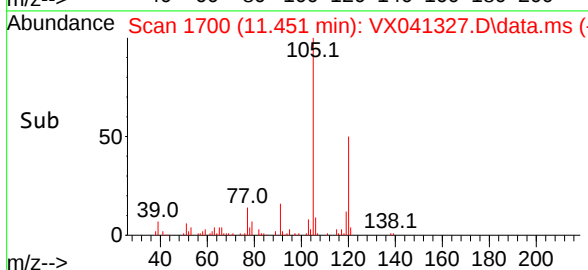
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

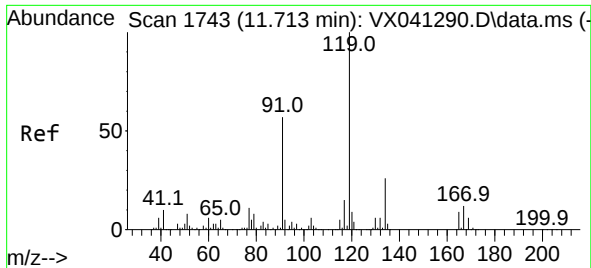


#80
1,3,5-Trimethylbenzene
Concen: 1.600 ug/l m
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30



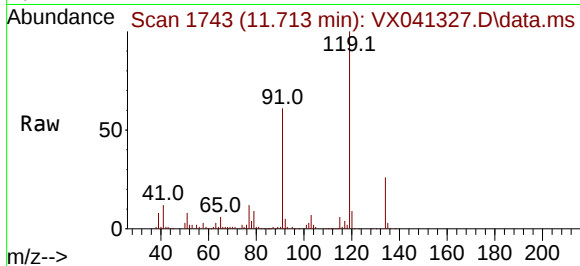
Tgt Ion:105 Resp: 11019
Ion Ratio Lower Upper
105 100
120 117.4 24.1 72.3#





#83
tert-Butylbenzene
Concen: 5.273 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

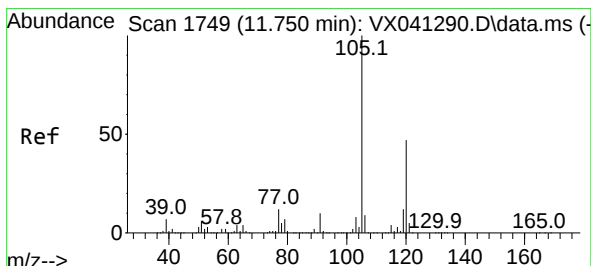
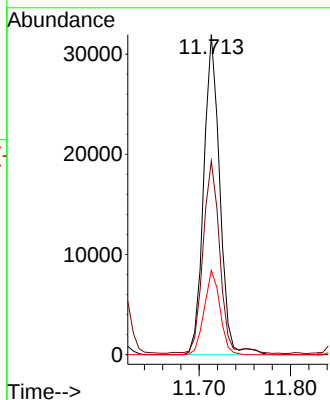
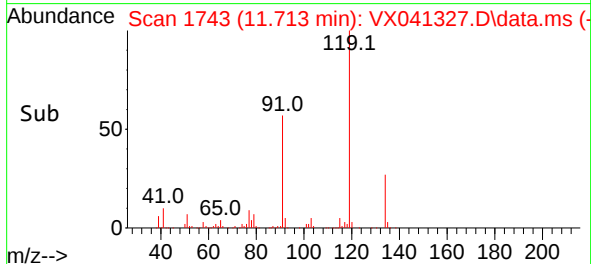
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424



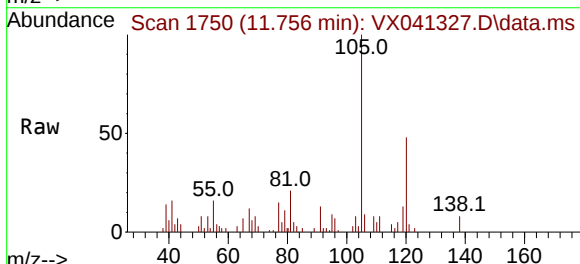
Tgt Ion:119 Resp: 3887
Ion Ratio Lower Upper
119 100
91 61.2 31.2 93.6
134 25.8 11.7 35.0

Manual Integrations
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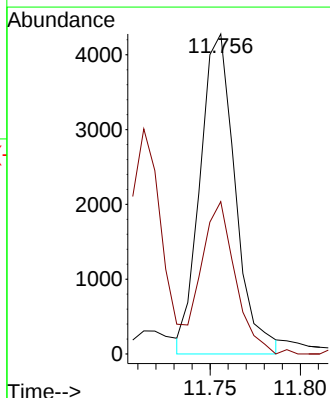
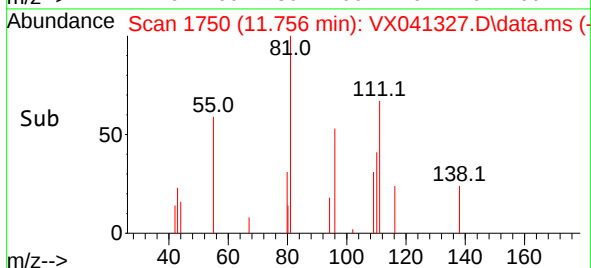
Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

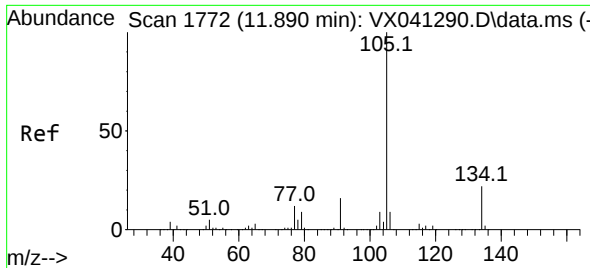


#84
1,2,4-Trimethylbenzene
Concen: 0.839 ug/l m
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30



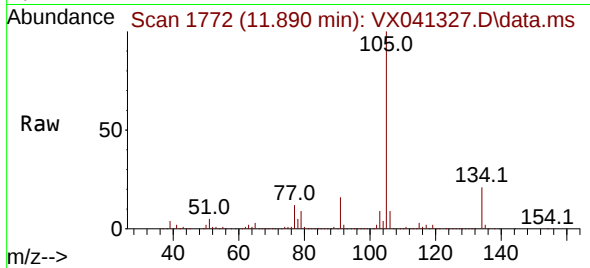
Tgt Ion:105 Resp: 5810
Ion Ratio Lower Upper
105 100
120 643.9 21.2 63.6#





#85
 sec-Butylbenzene
 Concen: 24.085 ug/l
 RT: 11.890 min Scan# 1184
 Delta R.T. 0.000 min
 Lab File: VX041327.D
 Acq: 01 May 2024 15:30

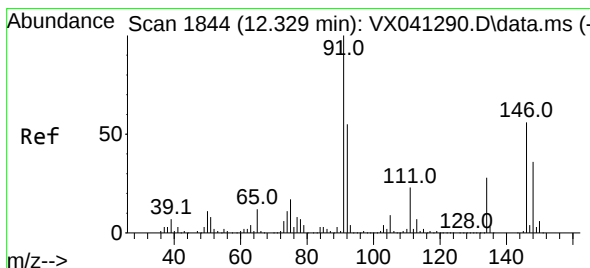
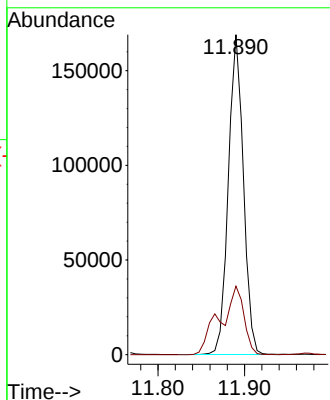
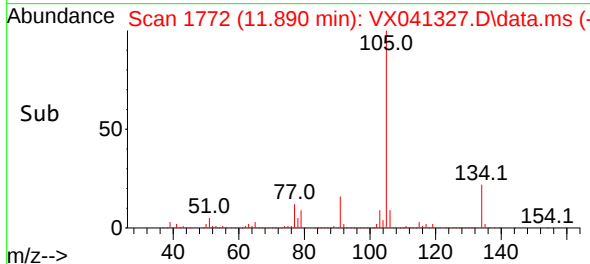
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-1-9.0-042424



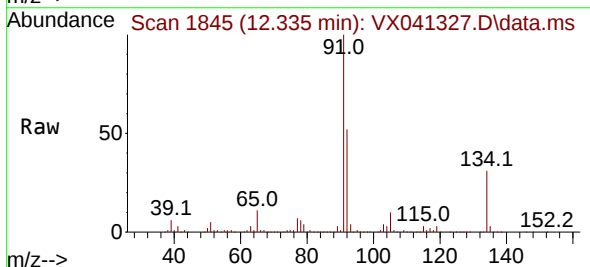
Tgt Ion:105 Resp: 203494
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
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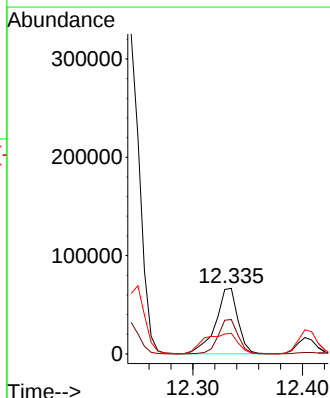
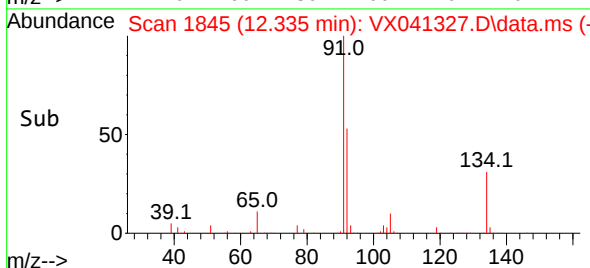
Reviewed By :John Carlone 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

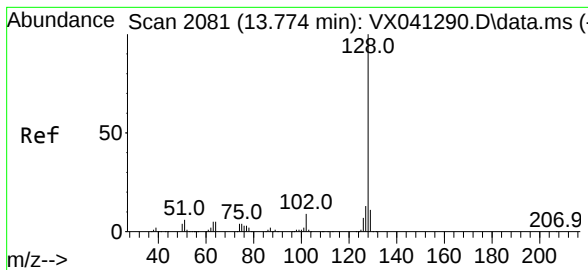


#89
 n-Butylbenzene
 Concen: 15.422 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX041327.D
 Acq: 01 May 2024 15:30



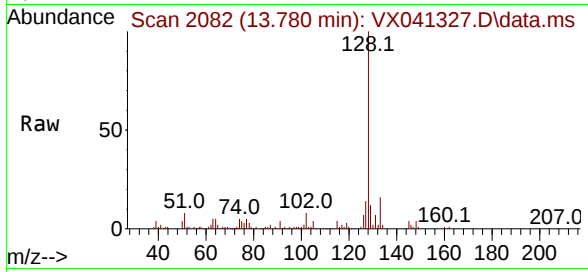
Tgt Ion: 91 Resp: 94100
 Ion Ratio Lower Upper
 91 100
 92 47.5 27.4 82.0
 134 47.7 12.6 37.8#





#95
Naphthalene
Concen: 2.826 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX041327.D
Acq: 01 May 2024 15:30

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-042424



Tgt Ion:	128	Resp:	2679
Ion Ratio	Lower	Upper	
128	100		
127	15.9	10.3	15.5
129	12.5	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

