

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039958.D
 Acq On : 25 Jan 2024 16:50
 Operator : JC/MD
 Sample : P1235-07DL 5X
 Misc : 5.07g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 131DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2024
 Supervised By : Semsettin Yesilyurt 01/26/2024

Quant Time: Jan 26 01:36:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	82618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151769	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65188	47.102	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.200%		
35) Dibromofluoromethane	5.385	113	46769	45.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.500%		
50) Toluene-d8	8.647	98	186004	48.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.500%		
62) 4-Bromofluorobenzene	11.079	95	78409	52.008	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.020%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	2193	2.818	ug/l #	85
31) Cyclohexane	5.501	56	6116m	3.348	ug/l	
39) Methylcyclohexane	7.373	83	3209	1.680	ug/l #	88
52) Toluene	8.720	92	322541	119.853	ug/l	95
67) Ethyl Benzene	10.195	91	5929	1.095	ug/l	96
68) m/p-Xylenes	10.299	106	7894	3.963	ug/l	89
69) o-Xylene	10.640	106	3645	1.848	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	6227	1.177	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	23739	4.497	ug/l	99
89) n-Butylbenzene	12.335	91	5191	1.026	ug/l #	64

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

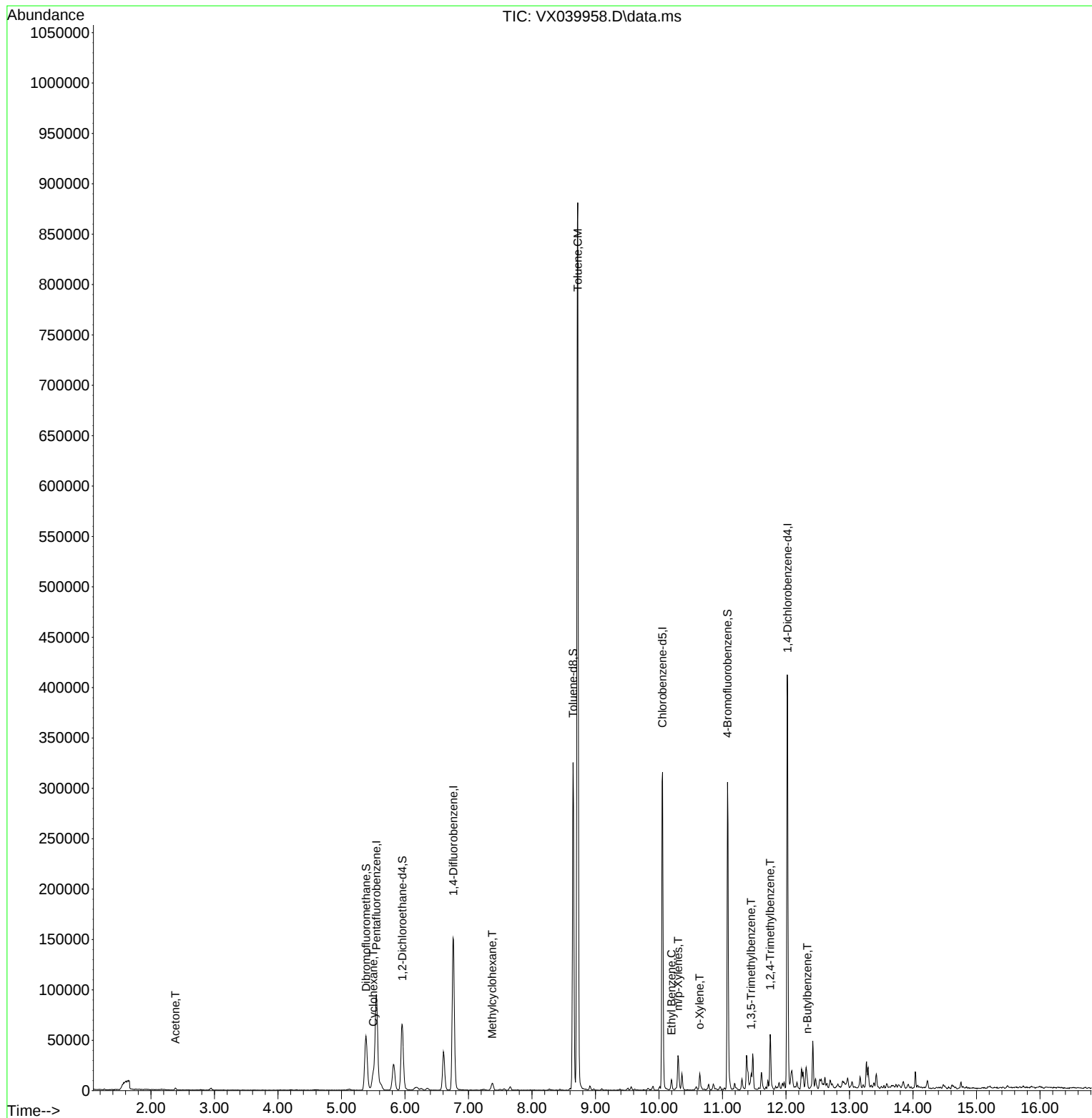
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
Data File : VX039958.D
Acq On : 25 Jan 2024 16:50
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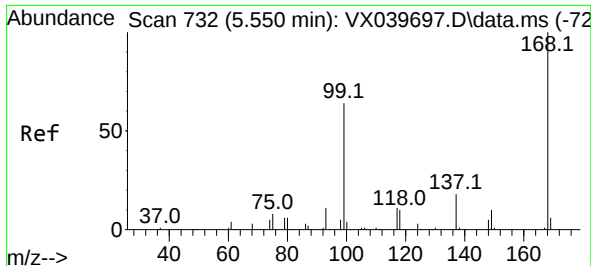
Instrument :
MSVOA_X
ClientSampleId :
131DL

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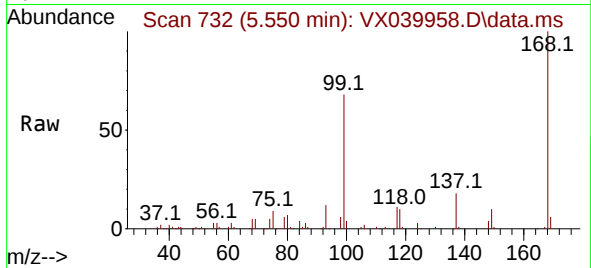
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039958.D
Acq: 25 Jan 2024 16:50

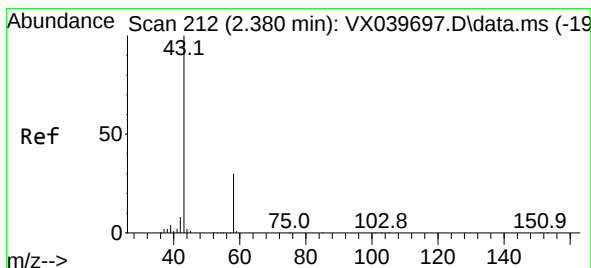
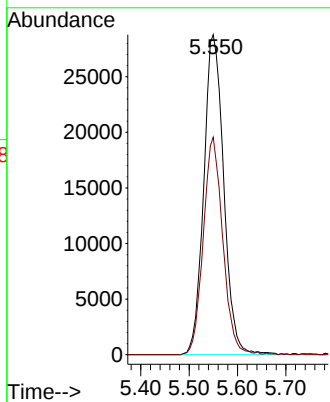
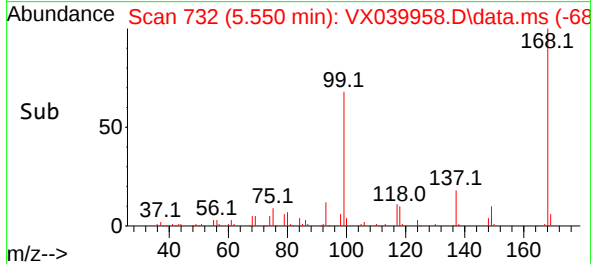
Instrument :
MSVOA_X
ClientSampleId :
131DL



Tgt Ion:168 Resp: 82618
Ion Ratio Lower Upper
168 100
99 68.0 56.6 85.0

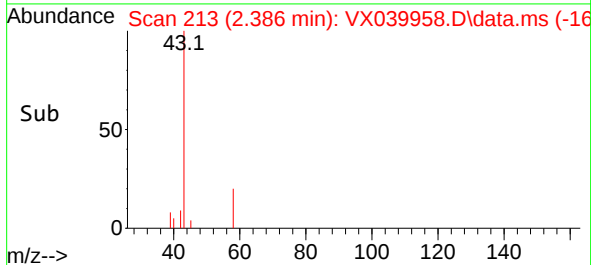
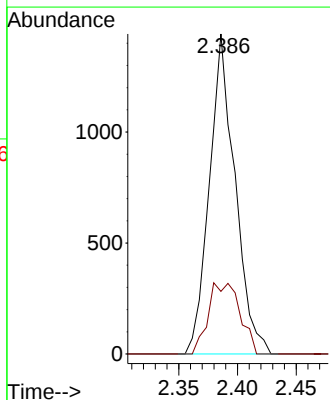
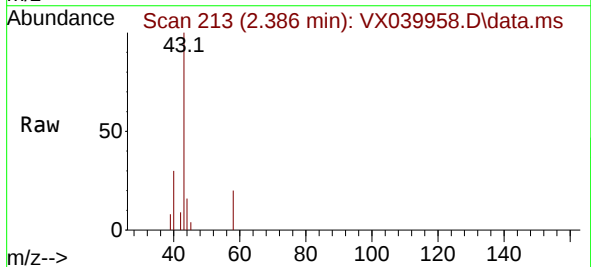
Manual Integrations
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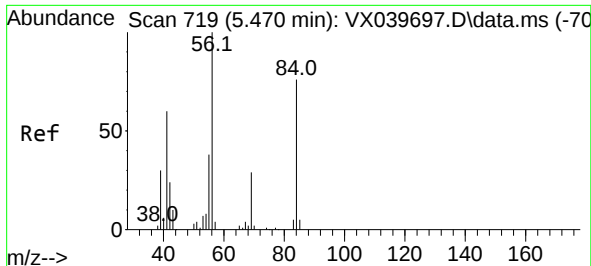
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#16
Acetone
Concen: 2.818 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX039958.D
Acq: 25 Jan 2024 16:50

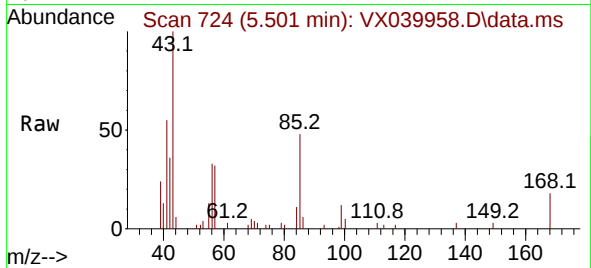
Tgt Ion: 43 Resp: 2193
Ion Ratio Lower Upper
43 100
58 19.6 21.9 32.9#





#31
Cyclohexane
Concen: 3.348 ug/l m
RT: 5.501 min Scan# 719
Delta R.T. 0.031 min
Lab File: VX039958.D
Acq: 25 Jan 2024 16:50

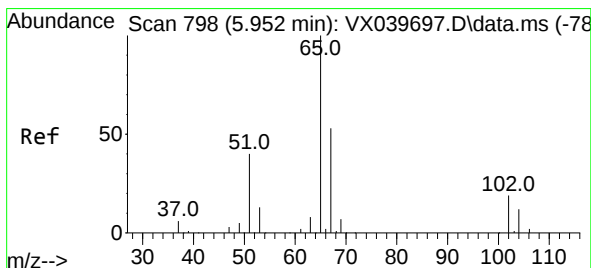
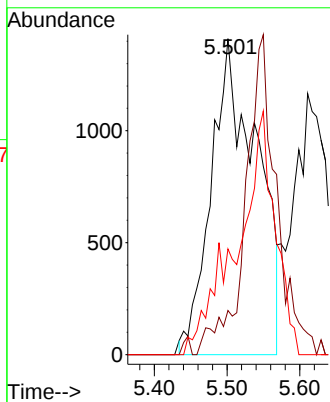
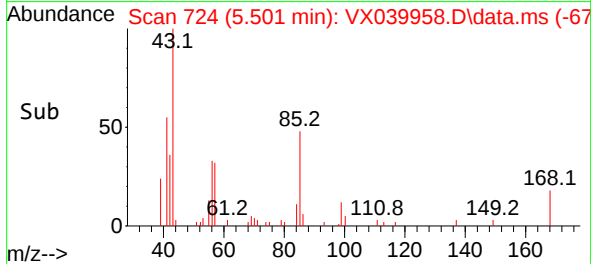
Instrument :
MSVOA_X
ClientSampleId :
131DL



Tgt Ion: 56 Resp: 6110
Ion Ratio Lower Upper
56 100
69 14.0 23.4 35.2
84 33.5 65.9 98.9

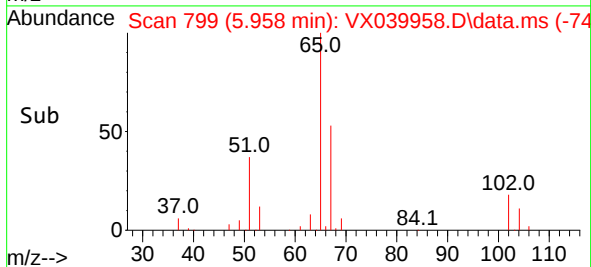
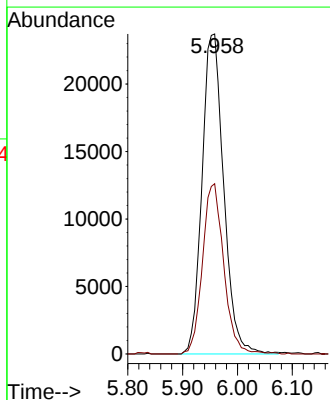
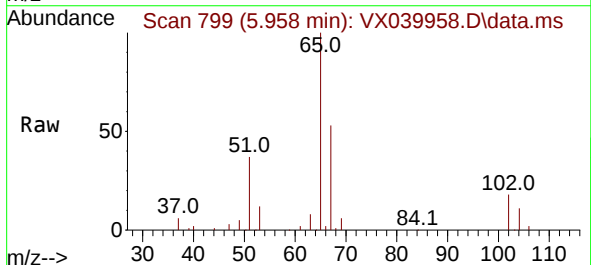
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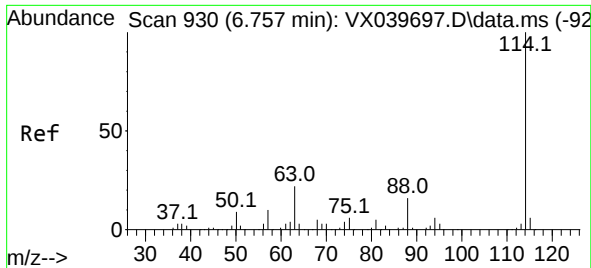
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#33
1,2-Dichloroethane-d4
Concen: 47.102 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039958.D
Acq: 25 Jan 2024 16:50

Tgt Ion: 65 Resp: 65188
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2





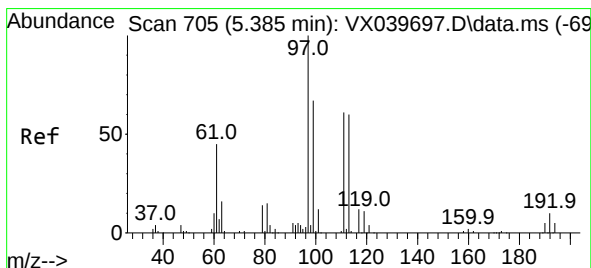
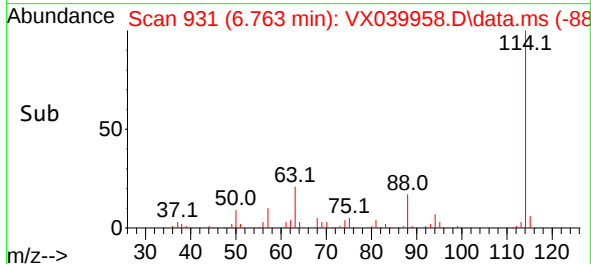
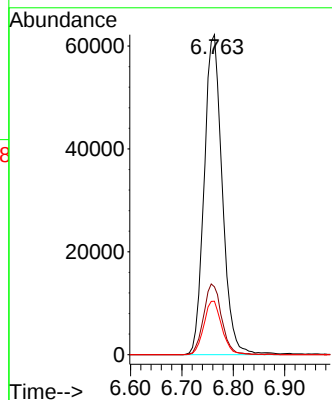
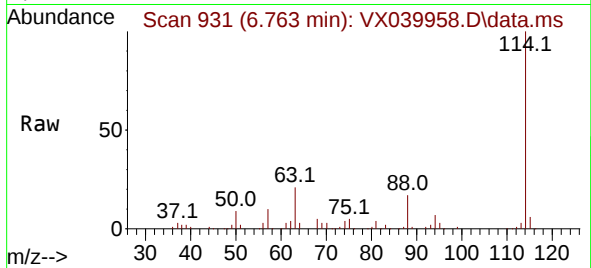
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX039958.D
Acq: 25 Jan 2024 16:50

Instrument :
MSVOA_X
ClientSampleId :
131DL

Tgt Ion:114 Resp: 151769
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 16.7 0.0 36.6

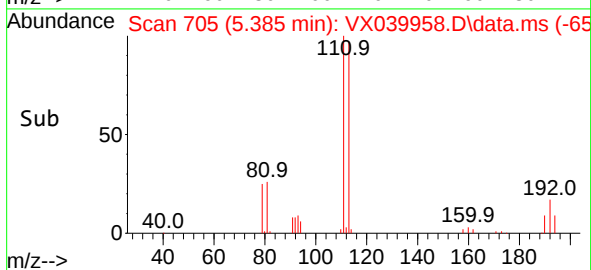
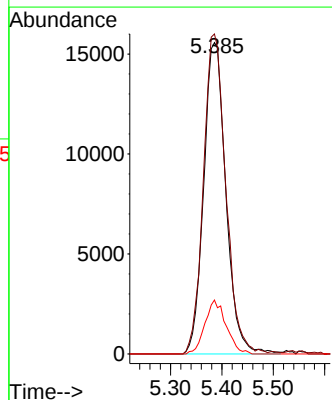
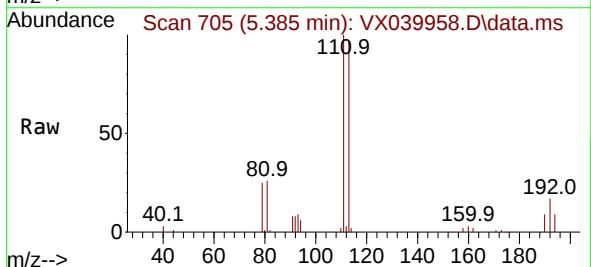
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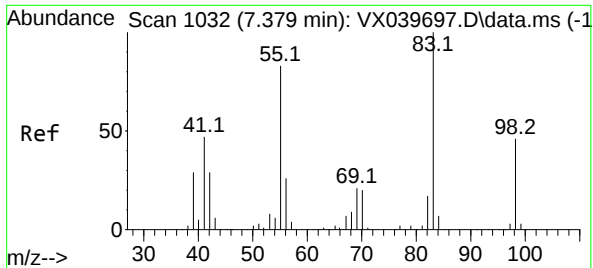
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#35
Dibromofluoromethane
Concen: 45.752 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039958.D
Acq: 25 Jan 2024 16:50

Tgt Ion:113 Resp: 46769
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 16.5 13.3 19.9





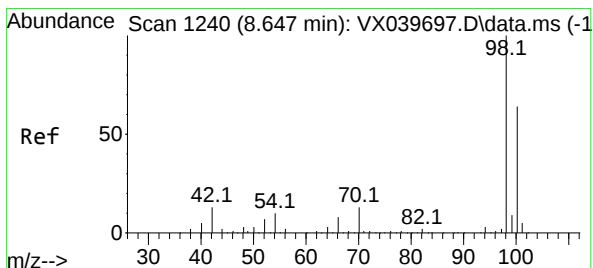
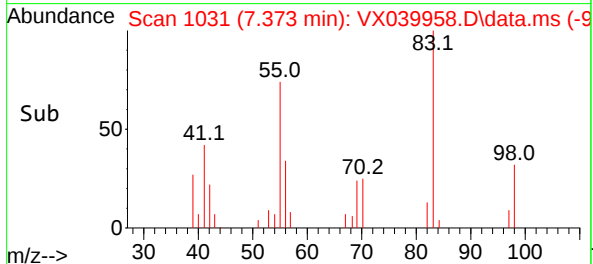
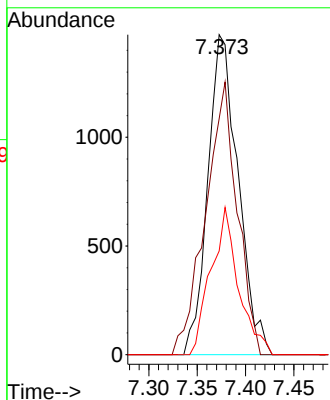
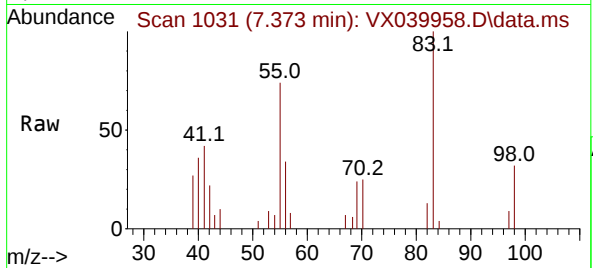
#39
Methylcyclohexane
Concen: 1.680 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039958.D
Acq: 25 Jan 2024 16:50

Instrument :
MSVOA_X
ClientSampleId :
131DL

Tgt Ion: 83 Resp: 3209
Ion Ratio Lower Upper
83 100
55 73.8 64.6 97.0
98 32.4 36.7 55.1

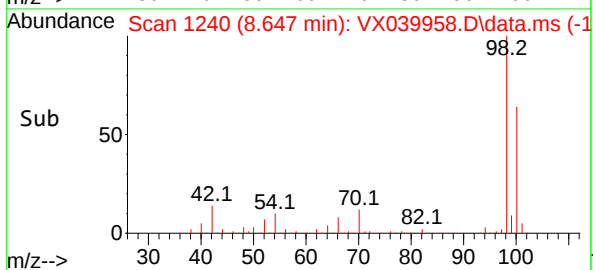
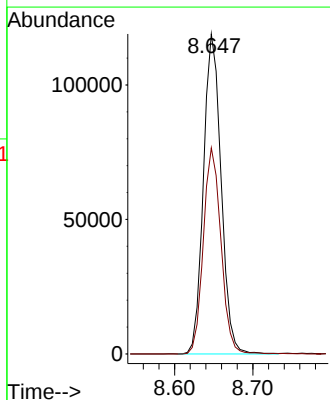
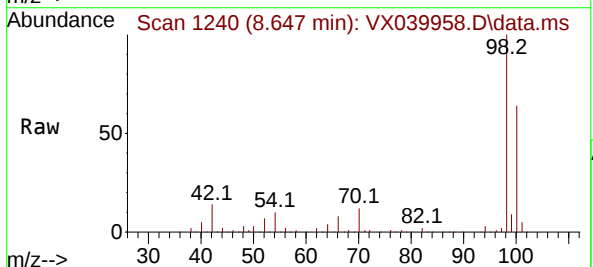
Manual Integrations
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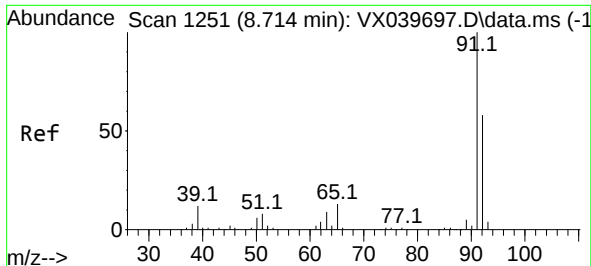
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#50
Toluene-d8
Concen: 48.245 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039958.D
Acq: 25 Jan 2024 16:50

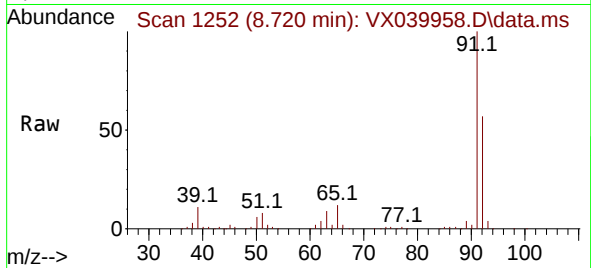
Tgt Ion: 98 Resp: 186004
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#52
Toluene
Concen: 119.853 ug/l
RT: 8.720 min Scan# 1131DL
Delta R.T. 0.006 min
Lab File: VX039958.D
Acq: 25 Jan 2024 16:50

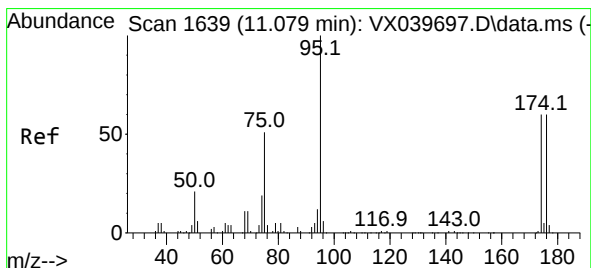
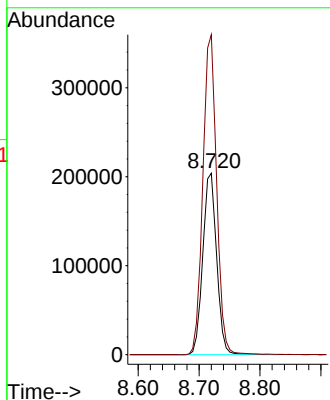
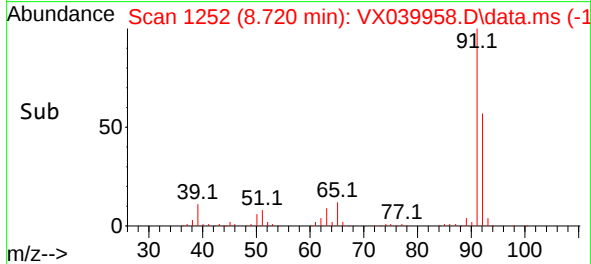
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 92 Resp: 32254
Ion Ratio Lower Upper
92 100
91 175.0 134.2 201.2

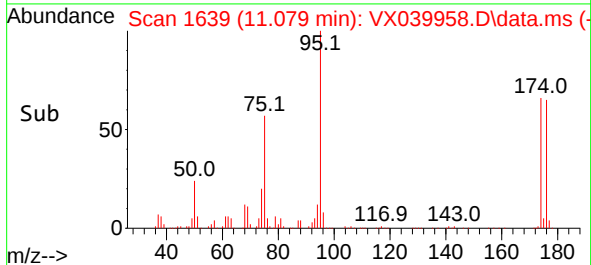
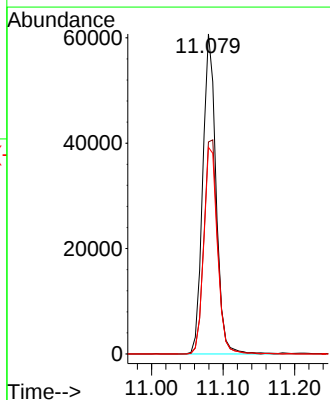
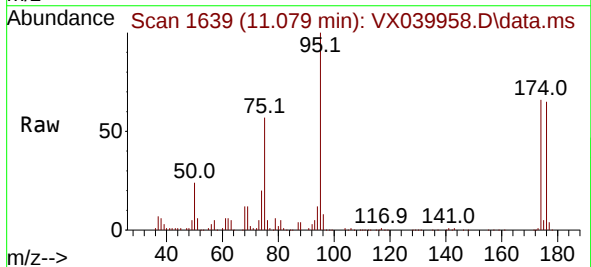
Manual Integrations
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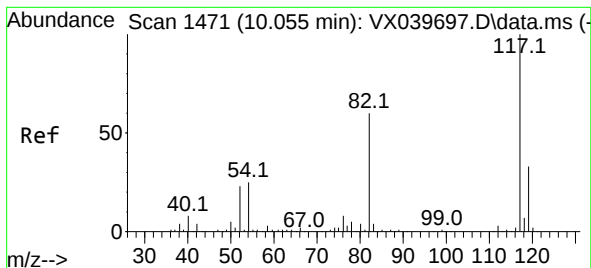
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#62
4-Bromofluorobenzene
Concen: 52.008 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039958.D
Acq: 25 Jan 2024 16:50

Tgt Ion: 95 Resp: 78409
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.6
176 66.5 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: VX039958.D

Acq: 25 Jan 2024 16:50

Instrument :

MSVOA_X

ClientSampleId :

131DL

Tgt Ion:117 Resp: 140080

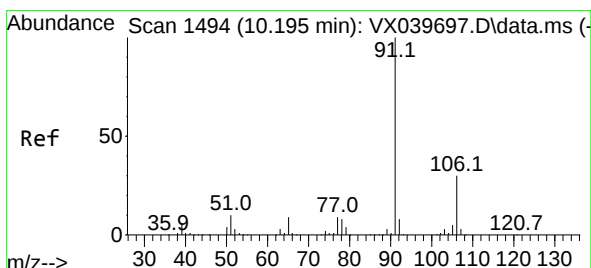
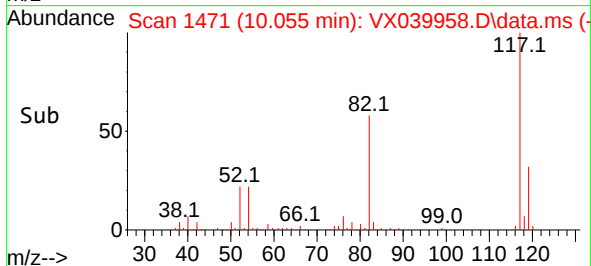
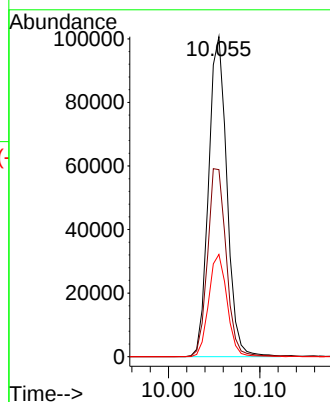
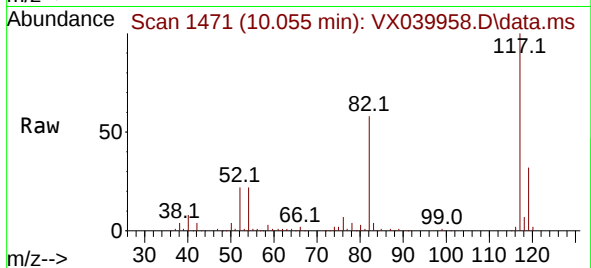
Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.2	69.4
119	31.9	25.5	38.3

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 01/26/2024



#67

Ethyl Benzene

Concen: 1.095 ug/l

RT: 10.195 min Scan# 1494

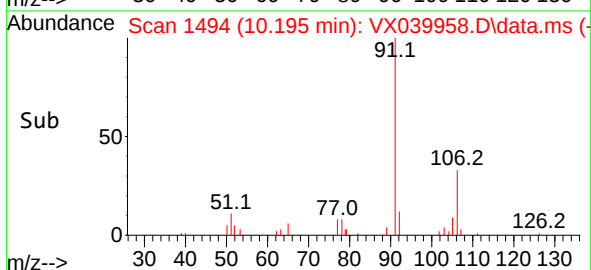
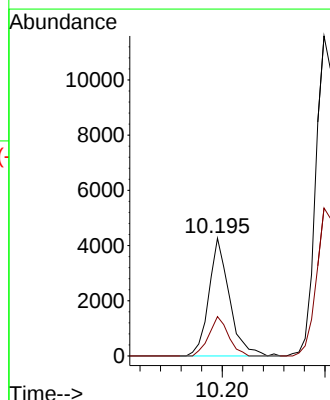
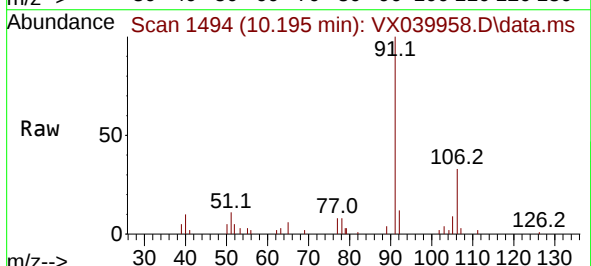
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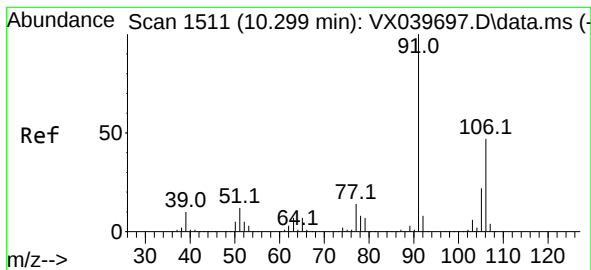
Lab File: VX039958.D

Acq: 25 Jan 2024 16:50

Tgt Ion: 91 Resp: 5929

Ion	Ratio	Lower	Upper
91	100		
106	33.4	24.9	37.3





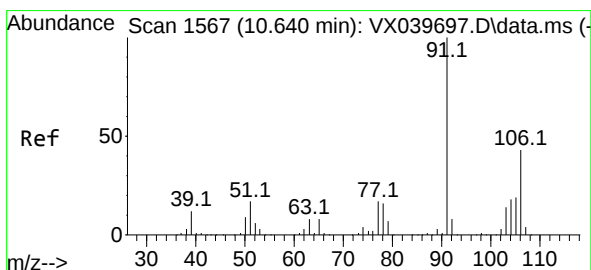
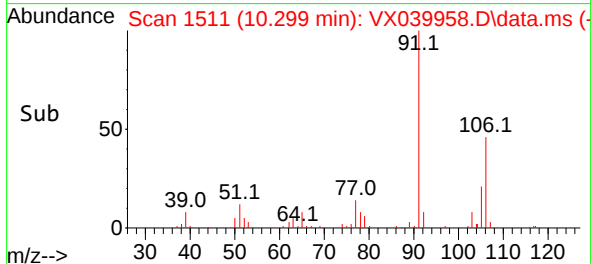
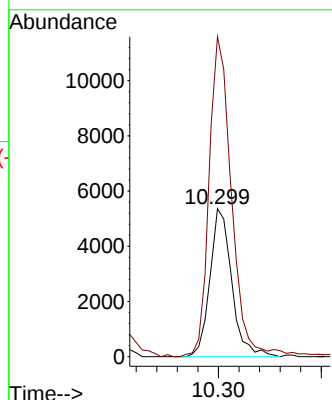
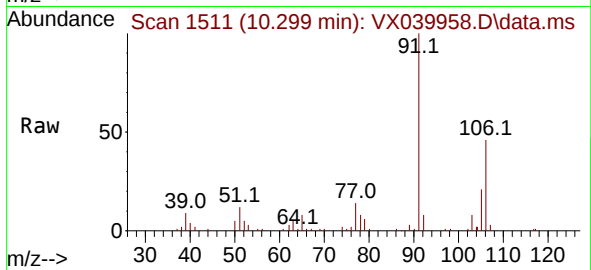
#68
m/p-Xylenes
Concen: 3.963 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039958.D
Acq: 25 Jan 2024 16:50

Instrument :
MSVOA_X
ClientSampleId :
131DL

Tgt Ion:106 Resp: 7894
Ion Ratio Lower Upper
106 100
91 224.5 165.5 248.3

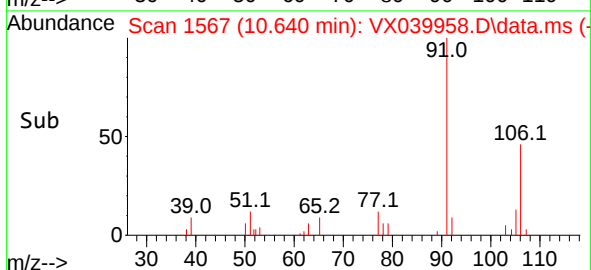
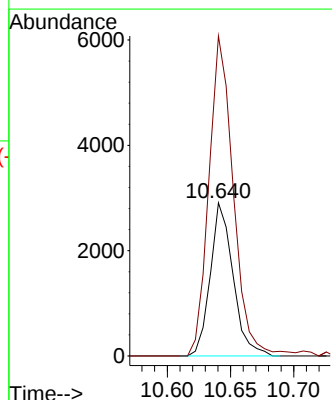
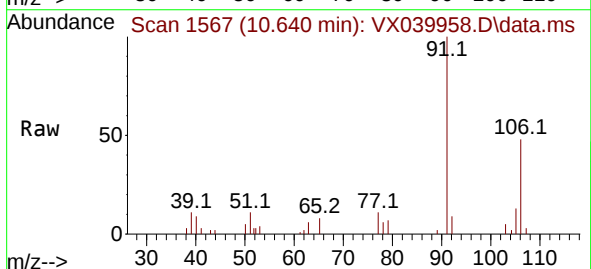
Manual Integrations
APPROVED

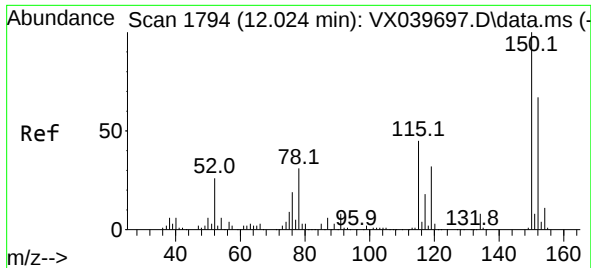
Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#69
o-Xylene
Concen: 1.848 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039958.D
Acq: 25 Jan 2024 16:50

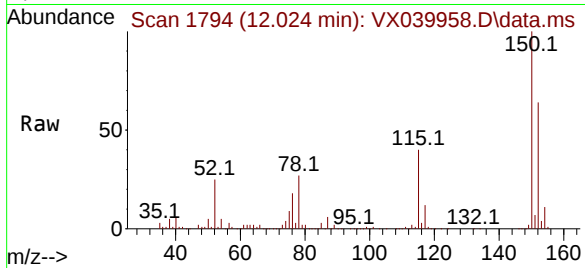
Tgt Ion:106 Resp: 3645
Ion Ratio Lower Upper
106 100
91 226.7 108.9 326.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX039958.D
 Acq: 25 Jan 2024 16:50

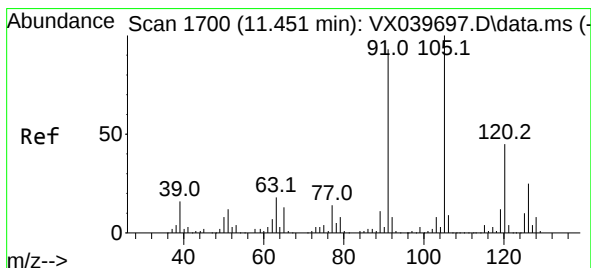
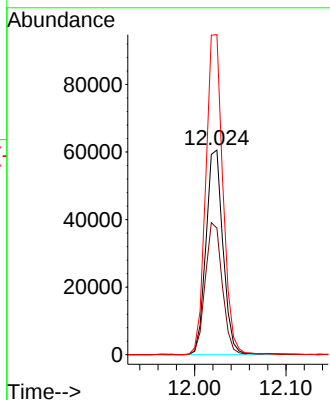
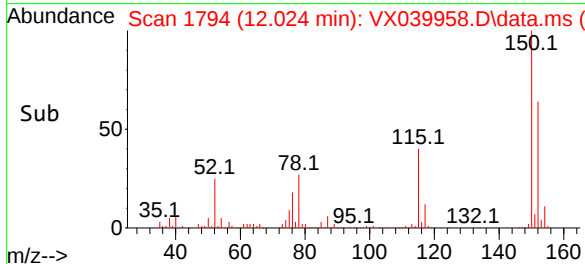
Instrument :
 MSVOA_X
 ClientSampleId :
 131DL



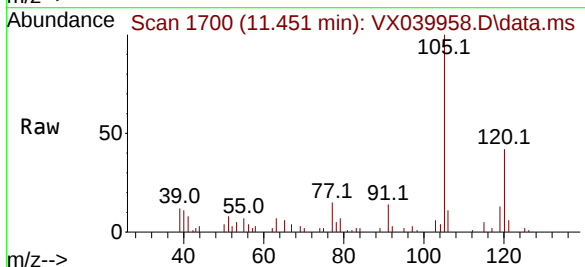
Tgt Ion:152 Resp: 78244
 Ion Ratio Lower Upper
 152 100
 115 64.7 43.3 129.9
 150 157.2 0.0 345.0

Manual Integrations
 APPROVED

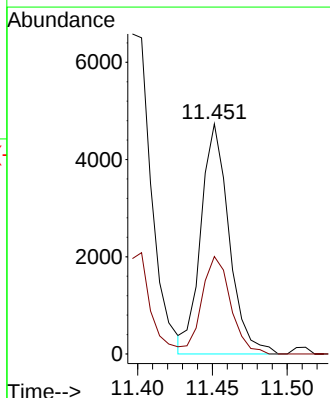
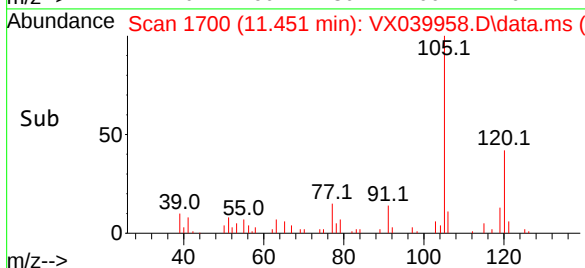
Reviewed By :John Carlone 01/26/2024
 Supervised By :Semsettin Yesilyurt 01/26/2024

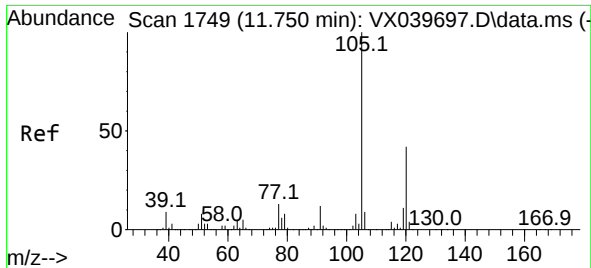


#80
 1,3,5-Trimethylbenzene
 Concen: 1.177 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX039958.D
 Acq: 25 Jan 2024 16:50



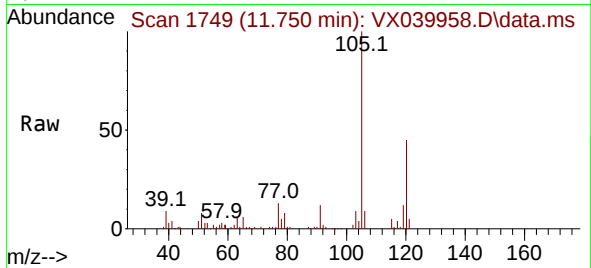
Tgt Ion:105 Resp: 6227
 Ion Ratio Lower Upper
 105 100
 120 43.2 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 4.497 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039958.D
Acq: 25 Jan 2024 16:50

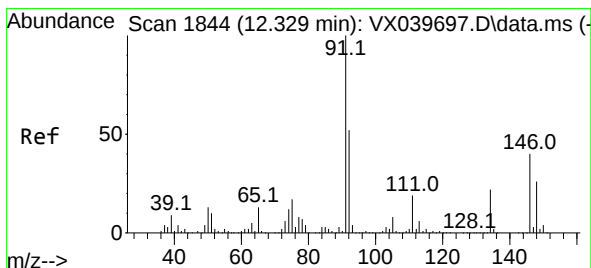
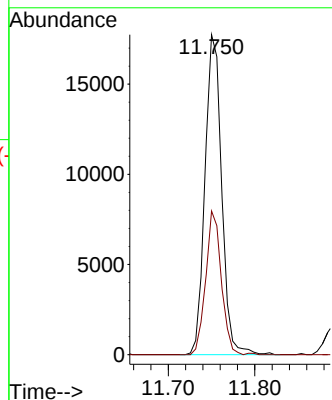
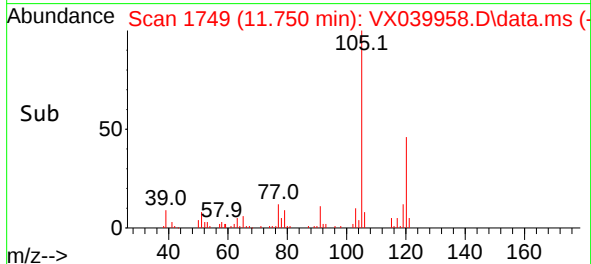
Instrument :
MSVOA_X
ClientSampleId :
131DL



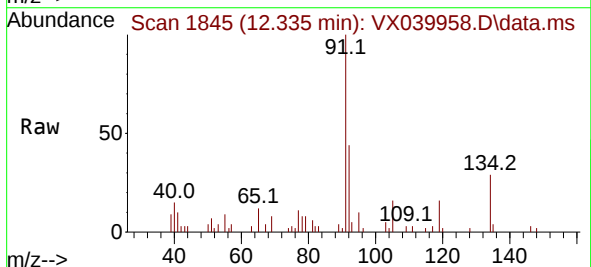
Tgt Ion:105 Resp: 23739
Ion Ratio Lower Upper
105 100
120 41.9 21.2 63.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/26/2024
Supervised By :Semsettin Yesilyurt 01/26/2024



#89
n-Butylbenzene
Concen: 1.026 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039958.D
Acq: 25 Jan 2024 16:50



Tgt Ion: 91 Resp: 5191
Ion Ratio Lower Upper
91 100
92 38.5 27.4 82.0
134 59.0 12.6 37.8#

