

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045831.D
 Acq On : 17 Apr 2025 16:19
 Operator : JC/MD
 Sample : Q1824-04DL 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 285DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2025
 Supervised By : Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 03:40:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	72411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143579	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68683	51.867	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.740%			
35) Dibromofluoromethane	5.379	113	49553	48.644	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.280%			
50) Toluene-d8	8.647	98	181138	50.944	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.880%			
62) 4-Bromofluorobenzene	11.079	95	70042	54.080	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.160%			
Target Compounds					Qvalue	
16) Acetone	2.373	43	544	1.000	ug/l	98
40) Benzene	6.037	78	5404	1.286	ug/l	99
52) Toluene	8.714	92	69778	27.451	ug/l	99
67) Ethyl Benzene	10.195	91	27194	5.307	ug/l	99
68) m/p-Xylenes	10.299	106	45379	24.348	ug/l	98
69) o-Xylene	10.640	106	24991	13.612	ug/l	100
73) Isopropylbenzene	10.963	105	3678	0.777	ug/l	96
78) n-propylbenzene	11.305	91	17127	3.140	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	30313	7.741	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	125379	31.899	ug/l	99
85) sec-Butylbenzene	11.890	105	2471m	0.519	ug/l	
86) p-Isopropyltoluene	12.006	119	1657m	0.422	ug/l	
89) n-Butylbenzene	12.329	91	3357m	0.986	ug/l	
95) Naphthalene	13.774	128	14230	3.469	ug/l #	94

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

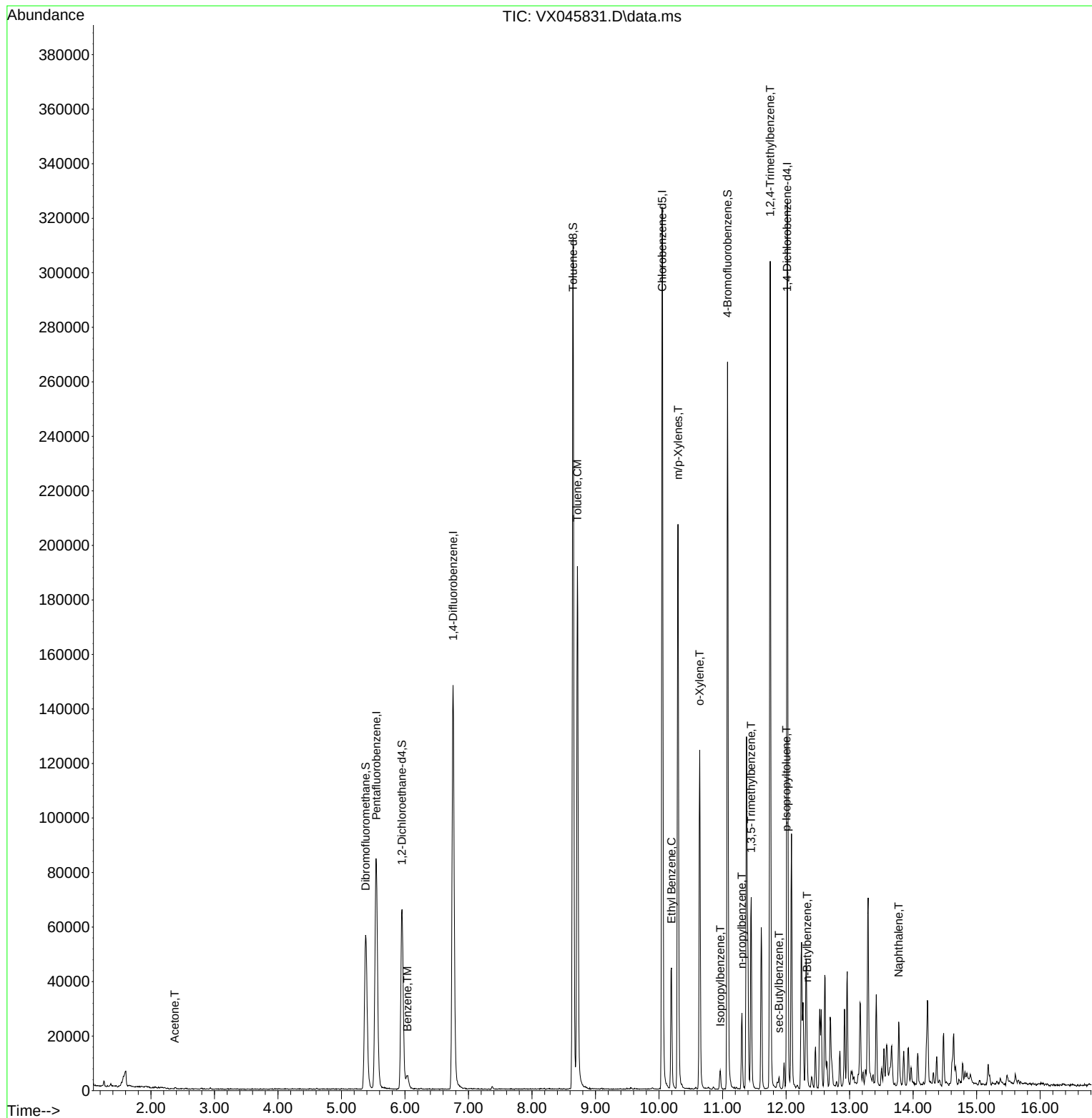
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
Data File : VX045831.D
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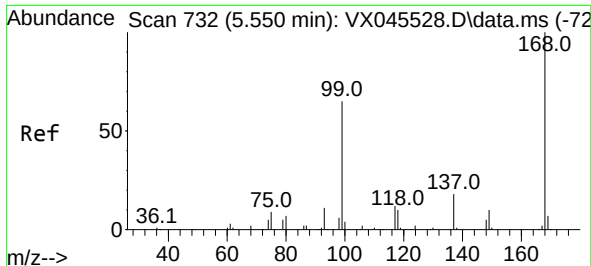
Instrument :
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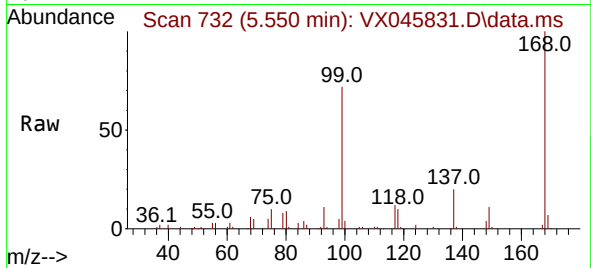
Quant Time: Apr 18 03:40:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19

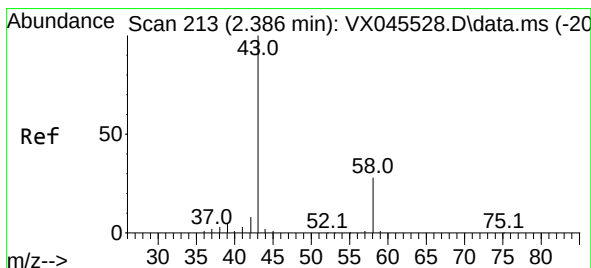
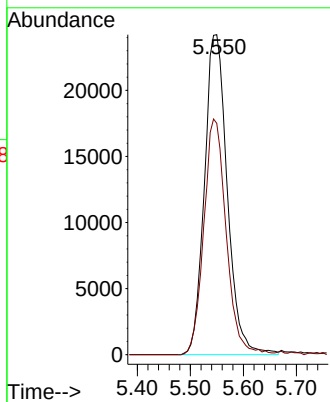
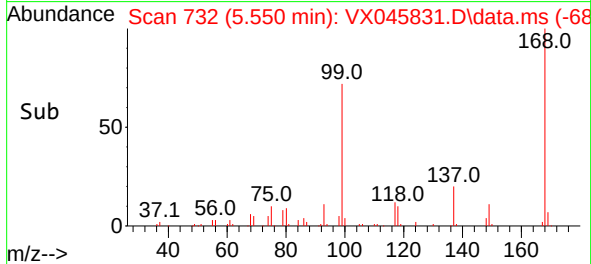
Instrument :
MSVOA_X
ClientSampleId :
285DL



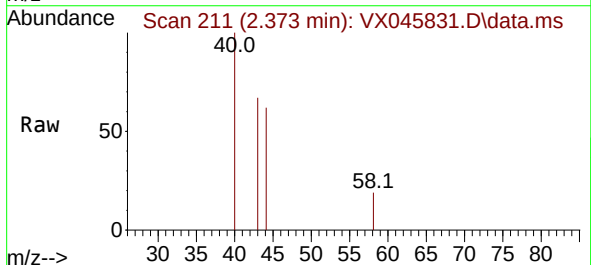
Tgt Ion:168 Resp: 7241
Ion Ratio Lower Upper
168 100
99 72.3 52.3 78.5

Manual Integrations
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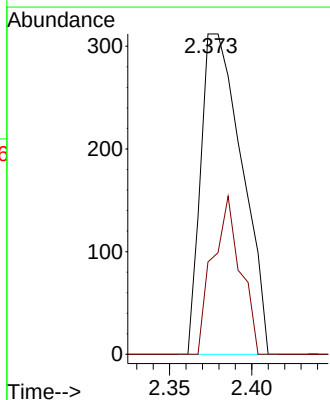
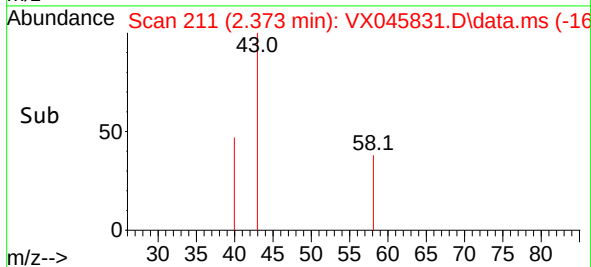
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

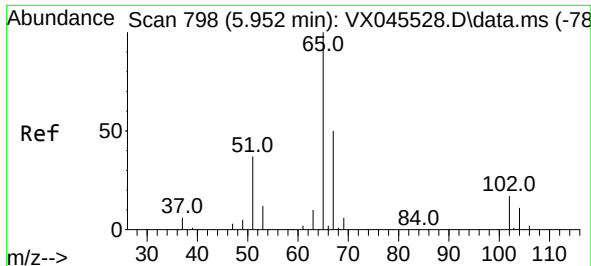


#16
Acetone
Concen: 1.000 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19



Tgt Ion: 43 Resp: 544
Ion Ratio Lower Upper
43 100
58 28.8 22.3 33.5





#33

1,2-Dichloroethane-d4

Concen: 51.867 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045831.D

Acq: 17 Apr 2025 16:19

Instrument :

MSVOA_X

ClientSampleId :

285DL

Tgt Ion: 65 Resp: 6868

Ion Ratio Lower Upper

65 100

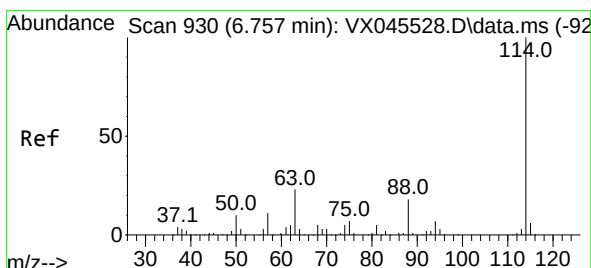
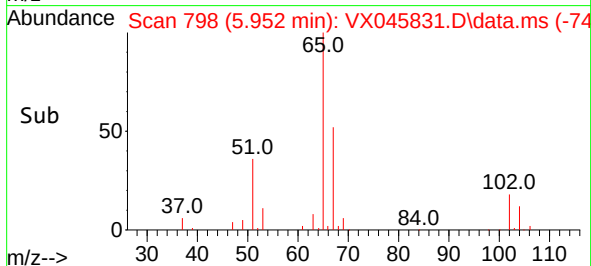
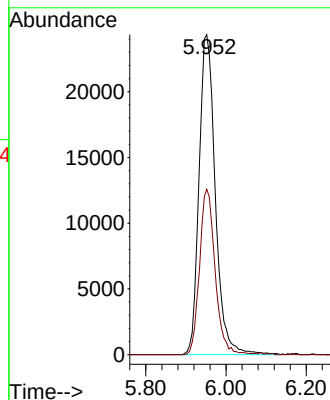
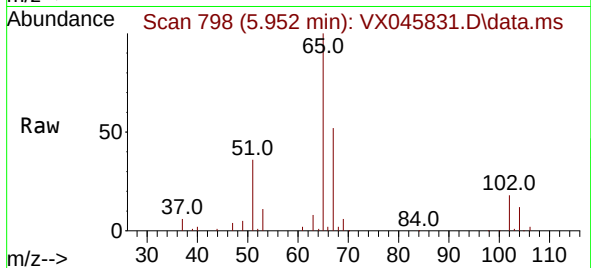
67 49.4 0.0 99.0

Manual Integrations

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Supervised By :Mahesh Dadoda 04/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045831.D

Acq: 17 Apr 2025 16:19

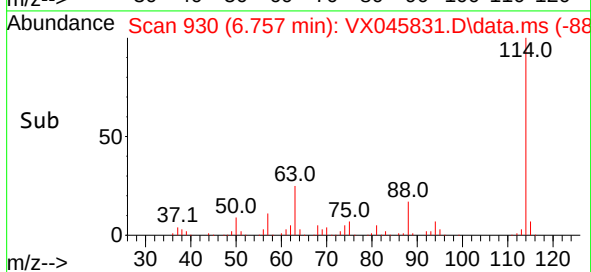
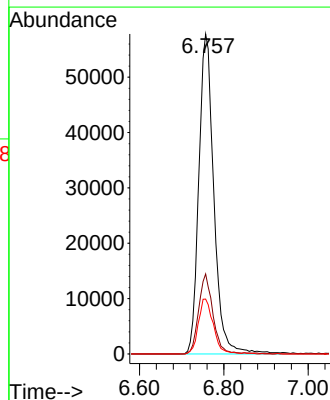
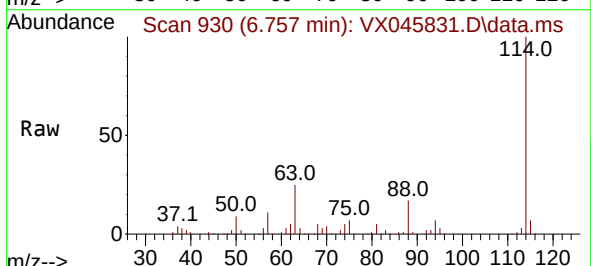
Tgt Ion:114 Resp: 143579

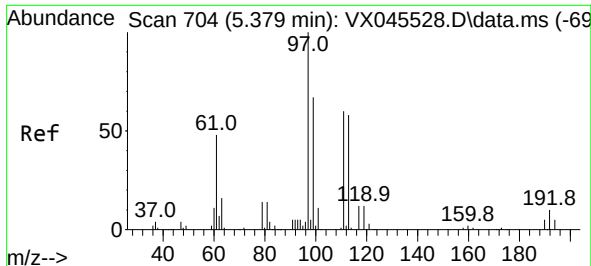
Ion Ratio Lower Upper

114 100

63 25.0 0.0 46.8

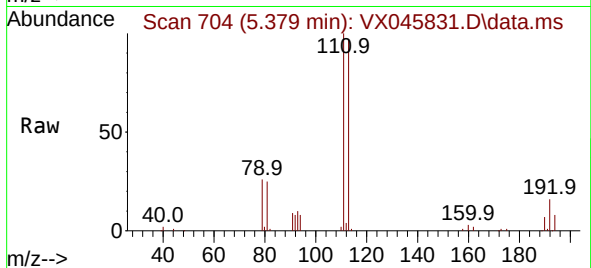
88 17.2 0.0 35.4





#35
Dibromofluoromethane
Concen: 48.644 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19

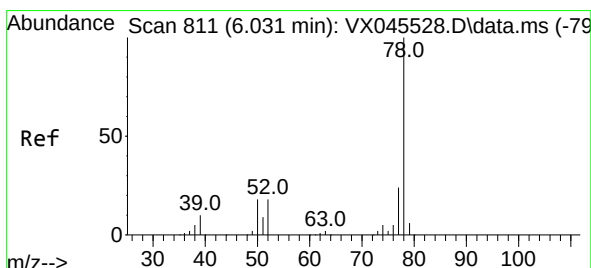
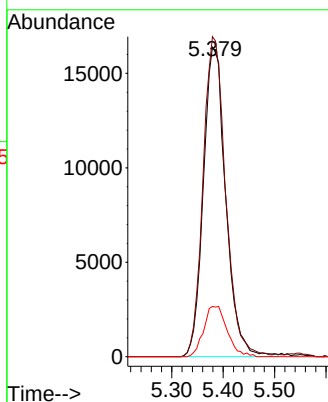
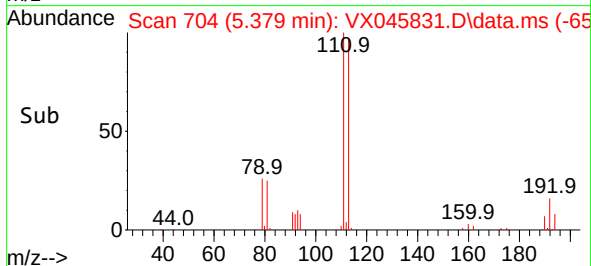
Instrument :
MSVOA_X
ClientSampleId :
285DL



Tgt Ion:113 Resp: 4955
Ion Ratio Lower Upper
113 100
111 104.3 81.8 122.6
192 17.0 13.8 20.6

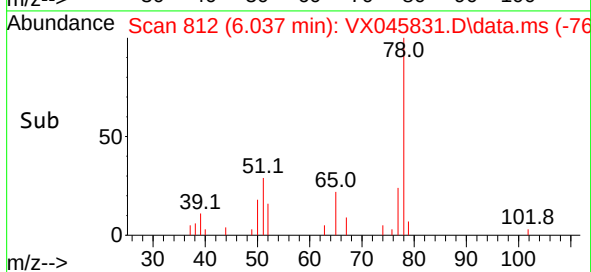
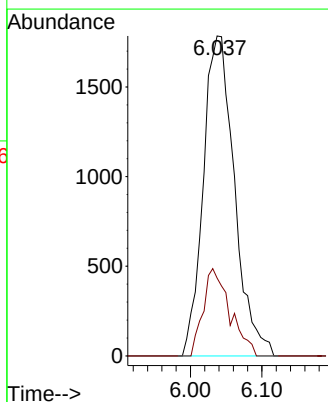
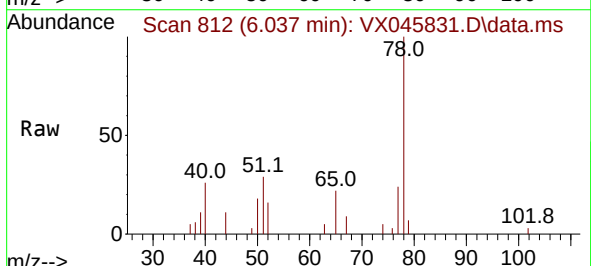
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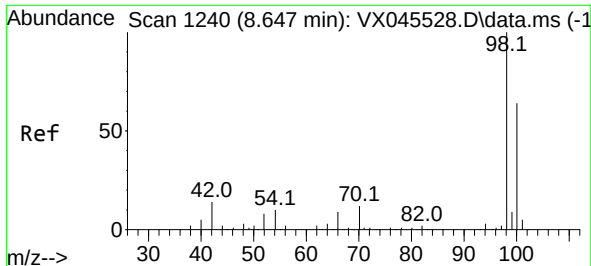
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#40
Benzene
Concen: 1.286 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19

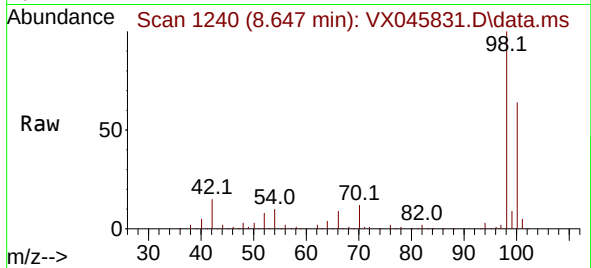
Tgt Ion: 78 Resp: 5404
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6





#50
Toluene-d8
Concen: 50.944 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19

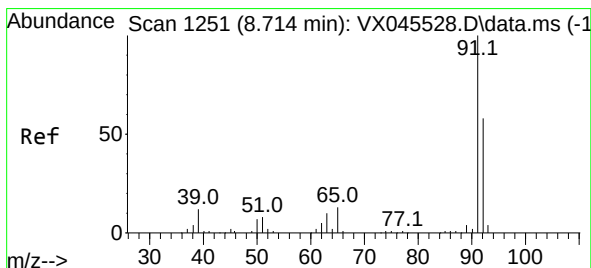
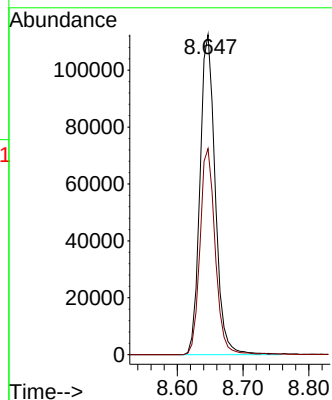
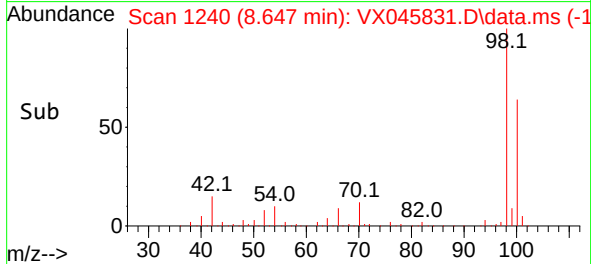
Instrument :
MSVOA_X
ClientSampleId :
285DL



Tgt Ion: 98 Resp: 181138
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4

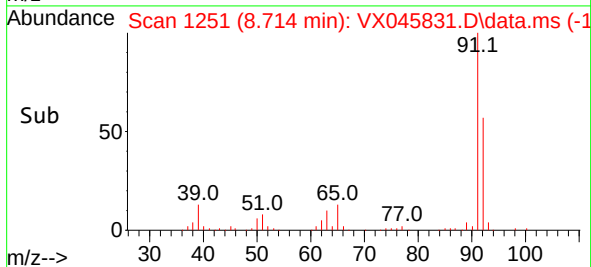
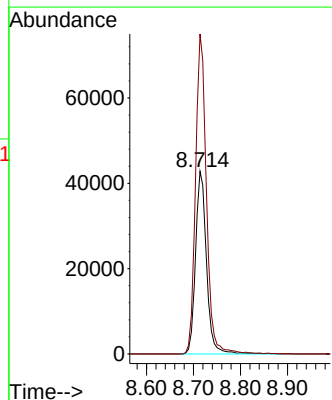
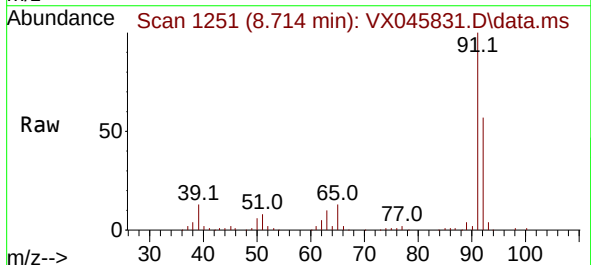
Manual Integrations
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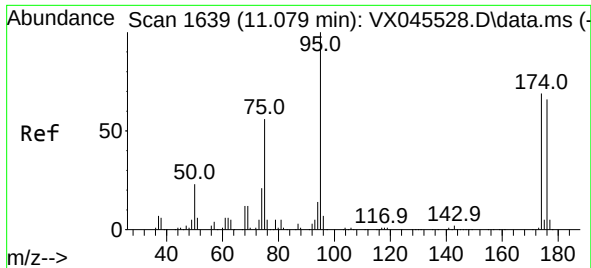
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#52
Toluene
Concen: 27.451 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19

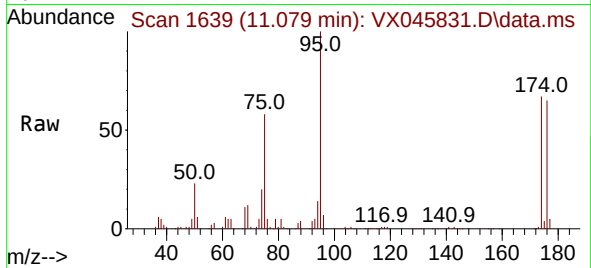
Tgt Ion: 92 Resp: 69778
Ion Ratio Lower Upper
92 100
91 174.4 138.7 208.1





#62
4-Bromofluorobenzene
Concen: 54.080 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19

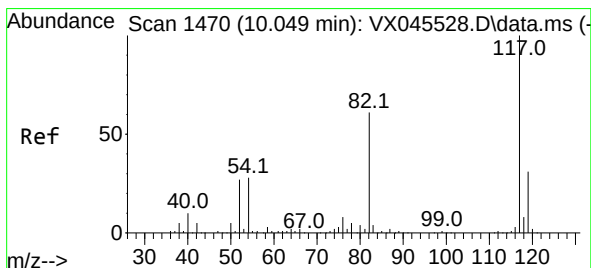
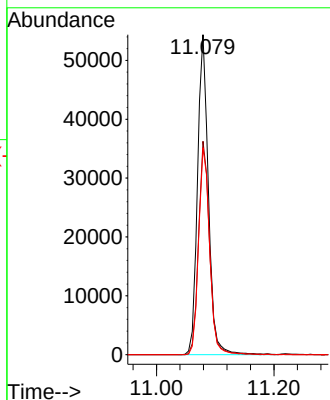
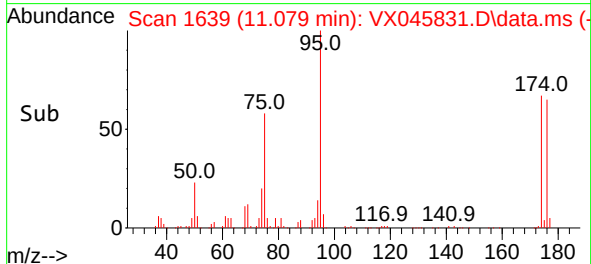
Instrument :
MSVOA_X
ClientSampleId :
285DL



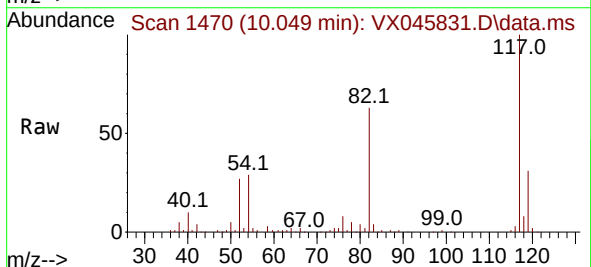
Tgt Ion: 95 Resp: 7004
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 65.4 0.0 131.4

Manual Integrations
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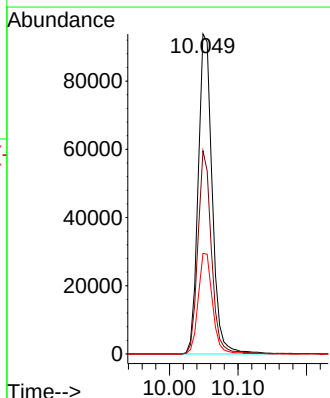
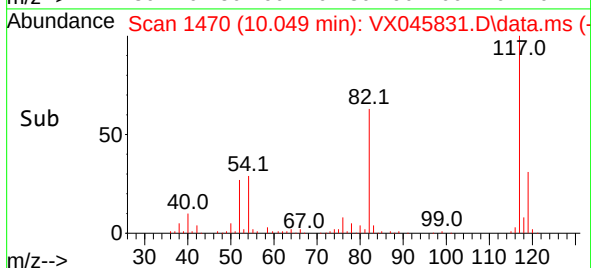
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

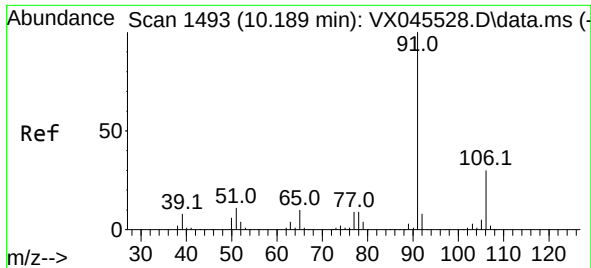


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19



Tgt Ion:117 Resp: 133895
Ion Ratio Lower Upper
117 100
82 63.5 49.2 73.8
119 31.4 25.1 37.7





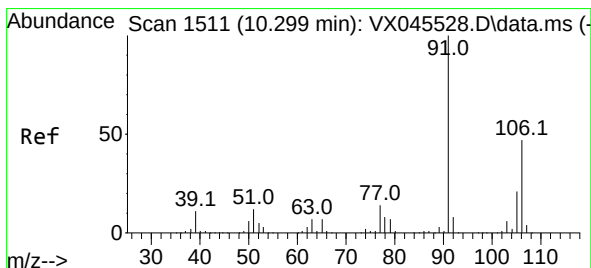
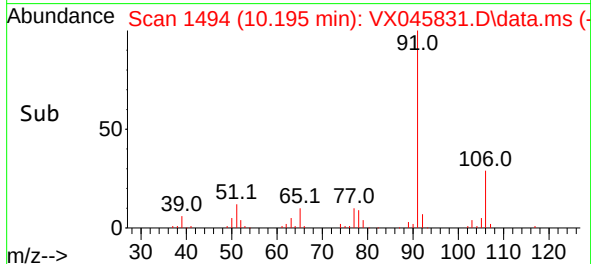
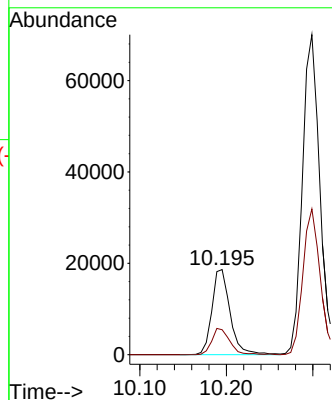
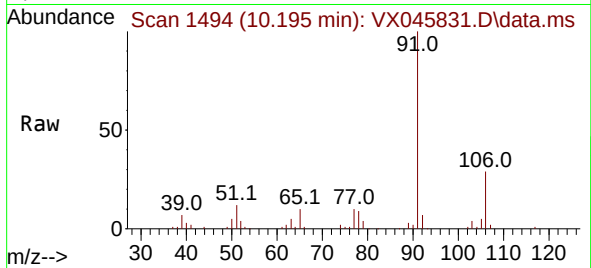
#67
Ethyl Benzene
Concen: 5.307 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
285DL

Tgt Ion: 91 Resp: 27194
Ion Ratio Lower Upper
91 100
106 29.3 23.7 35.5

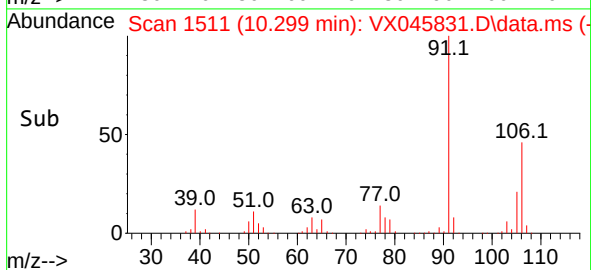
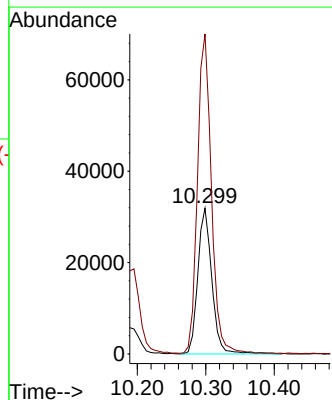
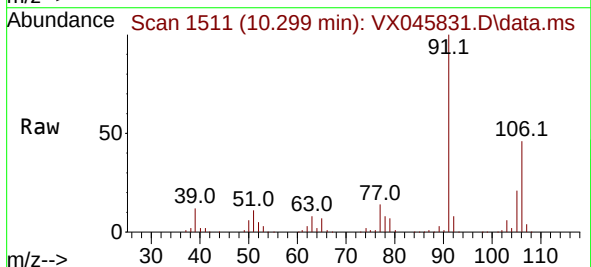
Manual Integrations
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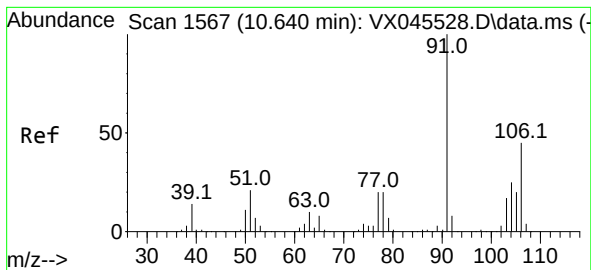
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#68
m/p-Xylenes
Concen: 24.348 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19

Tgt Ion:106 Resp: 45379
Ion Ratio Lower Upper
106 100
91 218.7 172.6 258.8





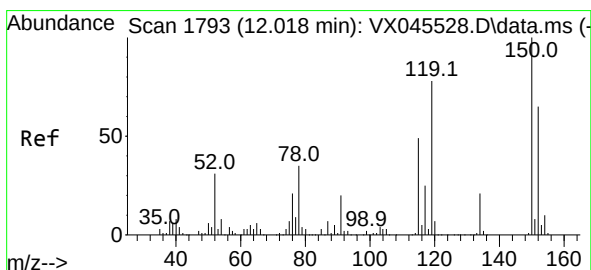
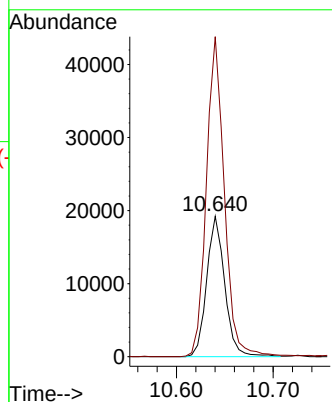
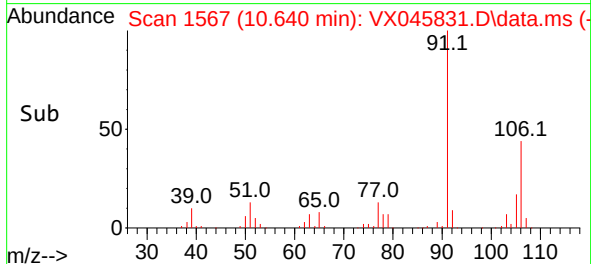
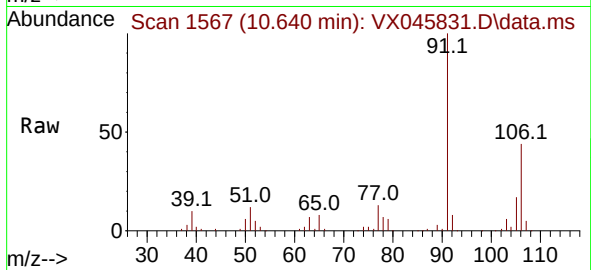
#69
o-Xylene
Concen: 13.612 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
285DL

Tgt Ion:106 Resp: 2499
Ion Ratio Lower Upper
106 100
91 227.4 113.6 340.6

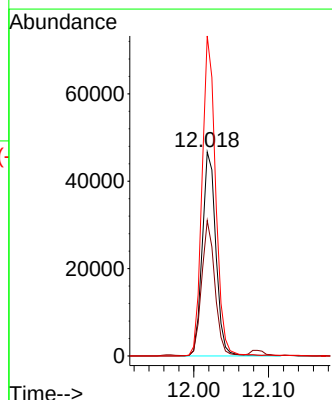
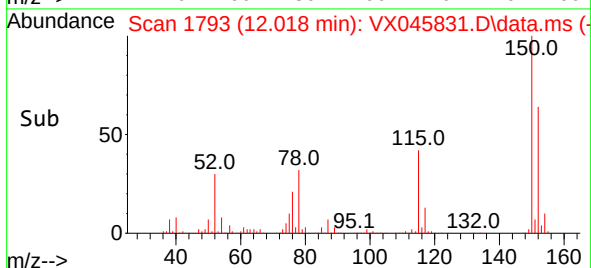
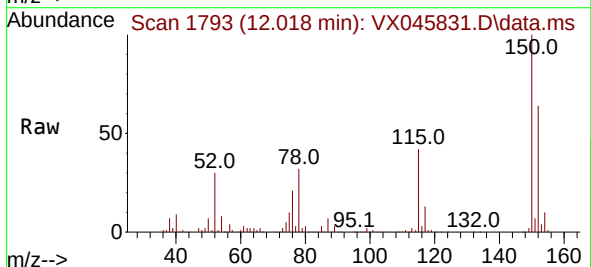
Manual Integrations
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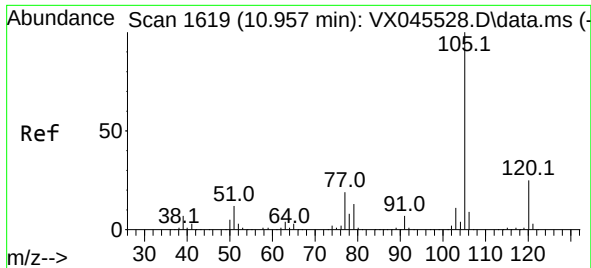
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19

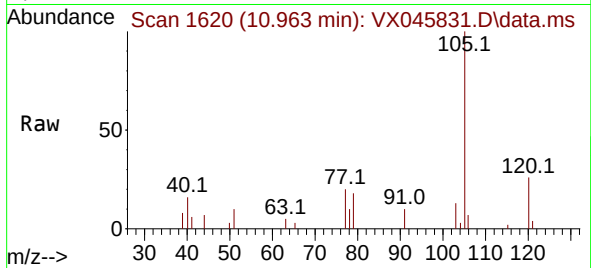
Tgt Ion:152 Resp: 59122
Ion Ratio Lower Upper
152 100
115 63.8 46.9 140.7
150 155.6 0.0 349.4





#73
Isopropylbenzene
Concen: 0.777 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19

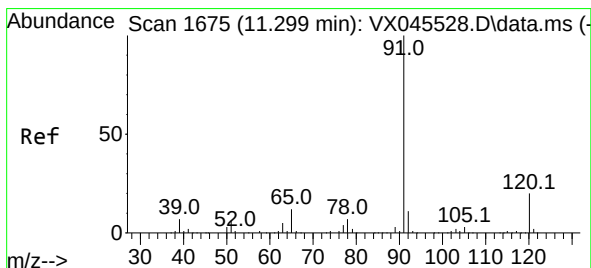
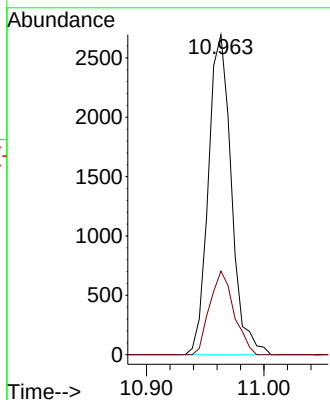
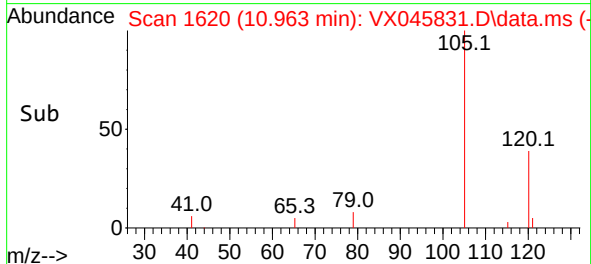
Instrument :
MSVOA_X
ClientSampleId :
285DL



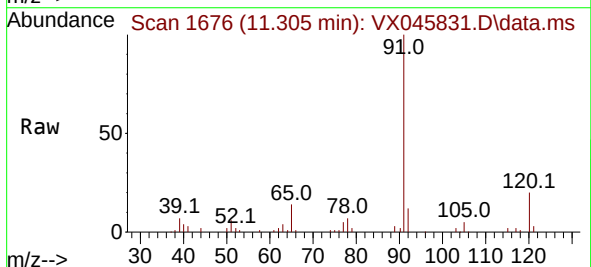
Tgt Ion:105 Resp: 3678
Ion Ratio Lower Upper
105 100
120 27.4 12.7 38.0

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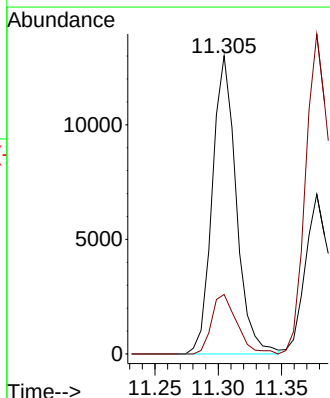
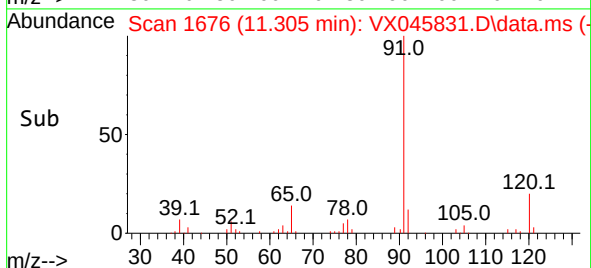
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

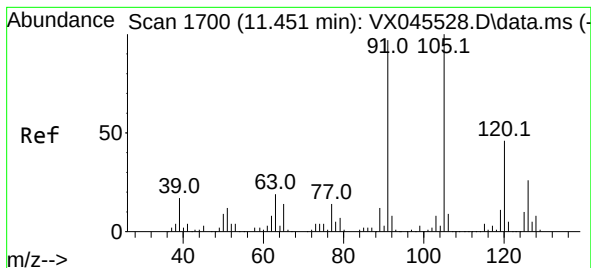


#78
n-propylbenzene
Concen: 3.140 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19



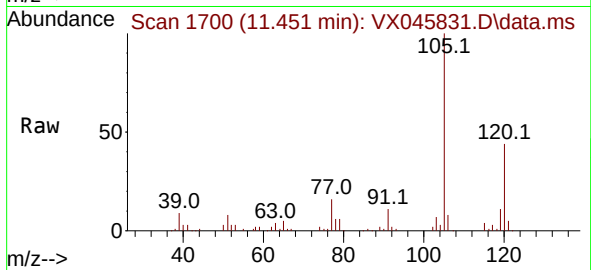
Tgt Ion: 91 Resp: 17127
Ion Ratio Lower Upper
91 100
120 21.1 10.8 32.3





#80
1,3,5-Trimethylbenzene
Concen: 7.741 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19

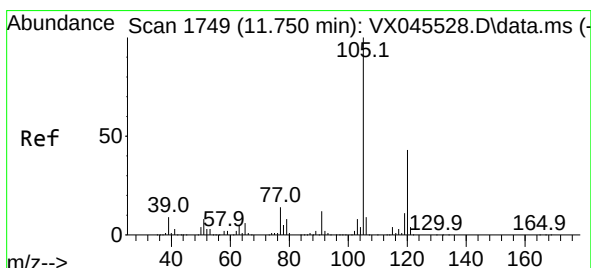
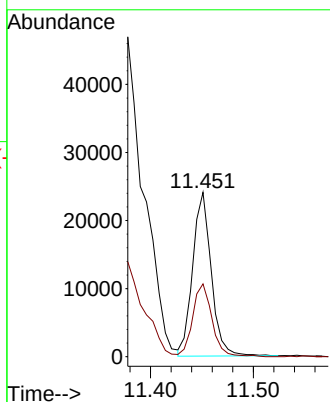
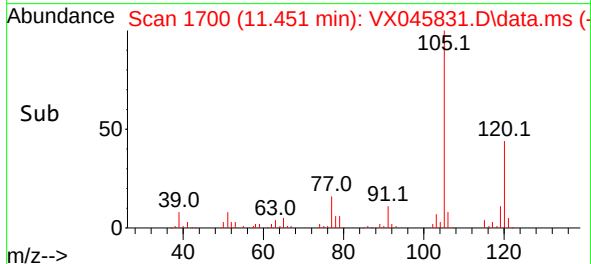
Instrument :
MSVOA_X
ClientSampleId :
285DL



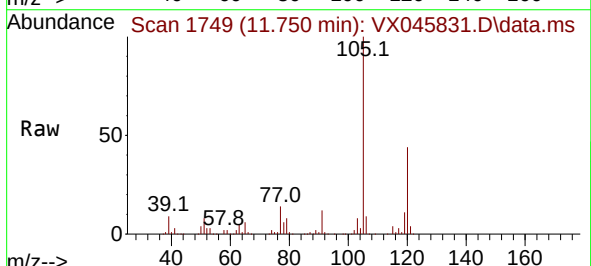
Tgt Ion:105 Resp: 3031
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0

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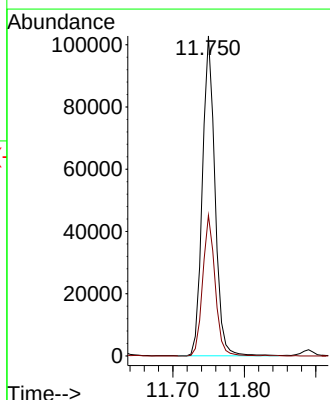
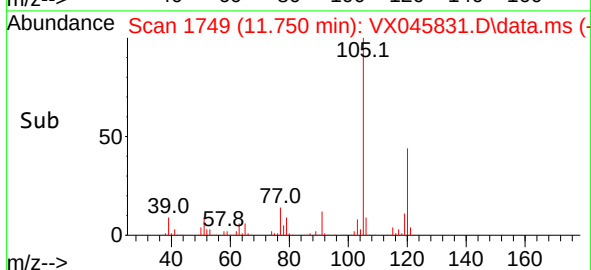
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

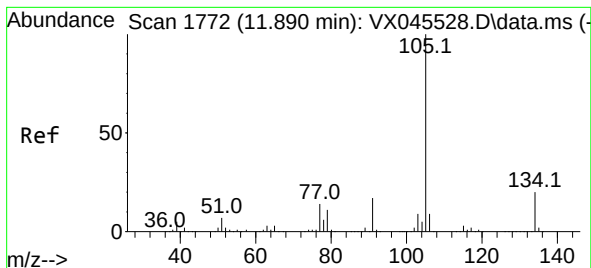


#84
1,2,4-Trimethylbenzene
Concen: 31.899 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19



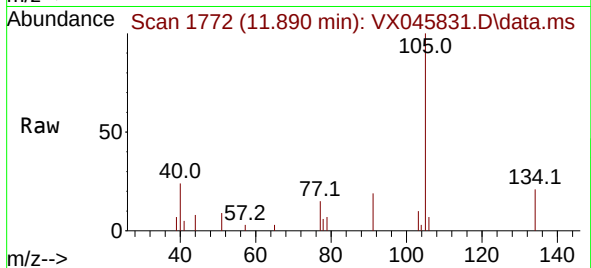
Tgt Ion:105 Resp: 125379
Ion Ratio Lower Upper
105 100
120 43.3 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 0.519 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045831.D
 Acq: 17 Apr 2025 16:19

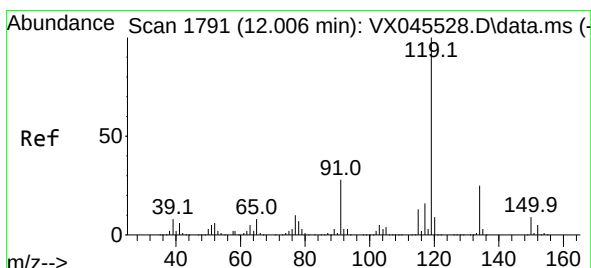
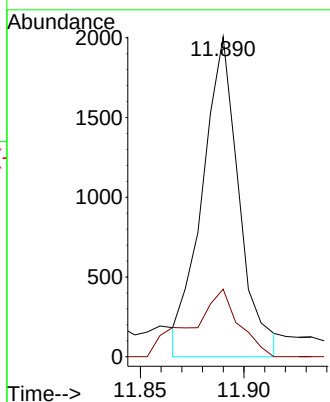
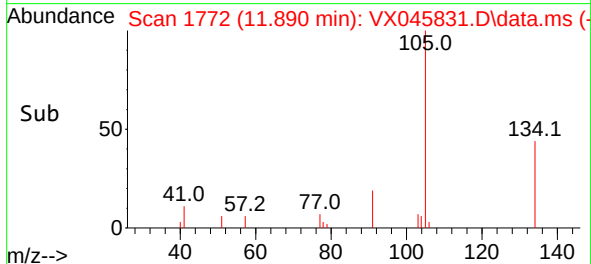
Instrument :
 MSVOA_X
 ClientSampleId :
 285DL



Tgt Ion:105 Resp: 247
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6

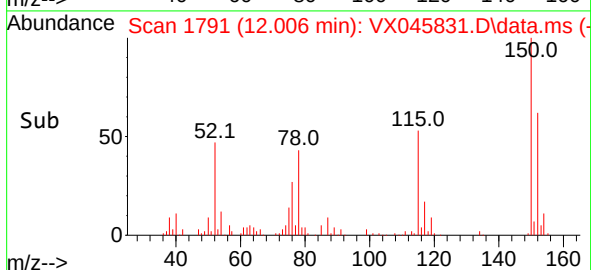
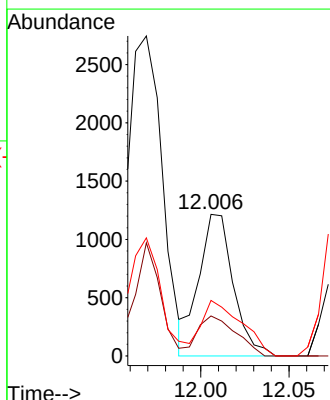
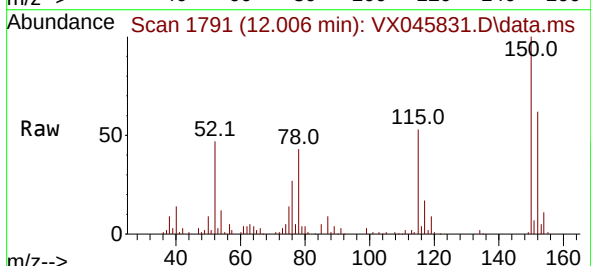
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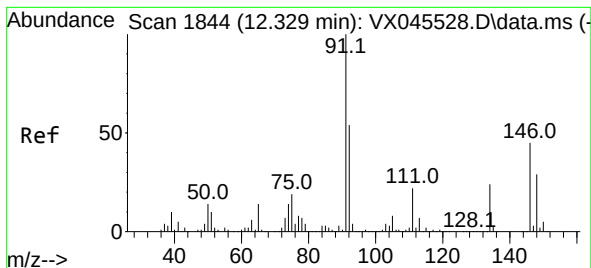
Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#86
 p-Isopropyltoluene
 Concen: 0.422 ug/l m
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045831.D
 Acq: 17 Apr 2025 16:19

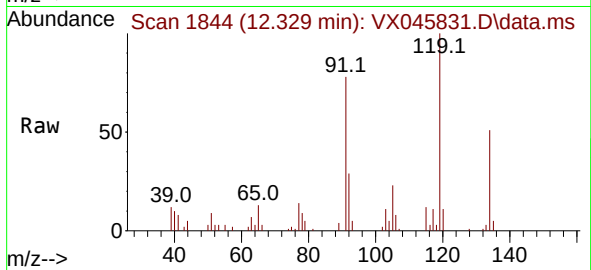
Tgt Ion:119 Resp: 1657
 Ion Ratio Lower Upper
 119 100
 134 61.6 12.6 37.8#
 91 79.5 13.7 41.1#





#89
n-Butylbenzene
Concen: 0.986 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19

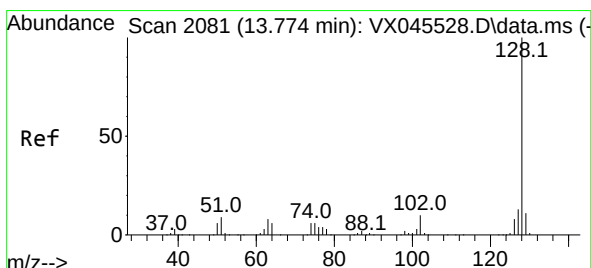
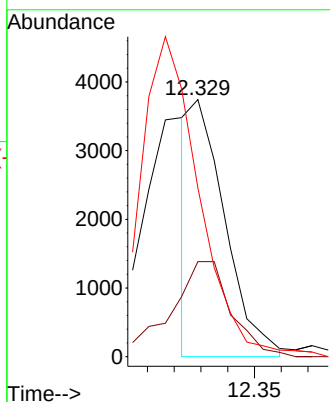
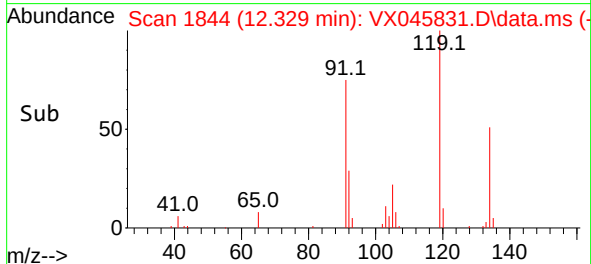
Instrument :
MSVOA_X
ClientSampleId :
285DL



Tgt Ion: 91 Resp: 335
Ion Ratio Lower Upper
91 100
92 65.8 26.9 80.6
134 211.4 11.9 35.7

Manual Integrations
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Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#95
Naphthalene
Concen: 3.469 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045831.D
Acq: 17 Apr 2025 16:19

Tgt Ion:128 Resp: 14230
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 13.9 8.6 12.8

