

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045727.D
 Acq On : 11 Apr 2025 09:22
 Operator : JC/MD
 Sample : Q1760-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-15

Quant Time: Apr 11 11:16:29 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

Manual Integrations APPROVED

Reviewed By :John Carlone 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	67197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65694	53.459	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.920%			
35) Dibromofluoromethane	5.385	113	46826	51.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	8.647	98	166300	52.235	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.480%			
62) 4-Bromofluorobenzene	11.079	95	65229	56.249	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.500%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	28129	55.745	ug/l	95
18) Methyl Acetate	2.709	43	3799	3.270	ug/l #	76
20) Methylene Chloride	2.788	84	3539	3.746	ug/l #	87
25) 2-Butanone	4.580	43	7767	10.515	ug/l	94
31) Cyclohexane	5.464	56	88288	58.568	ug/l	96
39) Methylcyclohexane	7.379	83	75777	50.195	ug/l	95
40) Benzene	6.043	78	13153	3.497	ug/l	94
43) Isopropyl Acetate	6.348	43	11755	4.997	ug/l #	92
52) Toluene	8.720	92	24003	10.546	ug/l	100
67) Ethyl Benzene	10.189	91	651003	139.009	ug/l	100
68) m/p-Xylenes	10.299	106	270401	158.750	ug/l	99
69) o-Xylene	10.640	106	14853	8.852	ug/l	96
73) Isopropylbenzene	10.963	105	78330	17.673	ug/l	100
78) n-propylbenzene	11.305	91	223982	43.874	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	204118	55.694	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	897224	243.910	ug/l	99
86) p-Isopropyltoluene	12.006	119	9923m	2.701	ug/l	
89) n-Butylbenzene	12.329	91	35473	11.134	ug/l #	35
95) Naphthalene	13.774	128	392676	102.285	ug/l	99

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

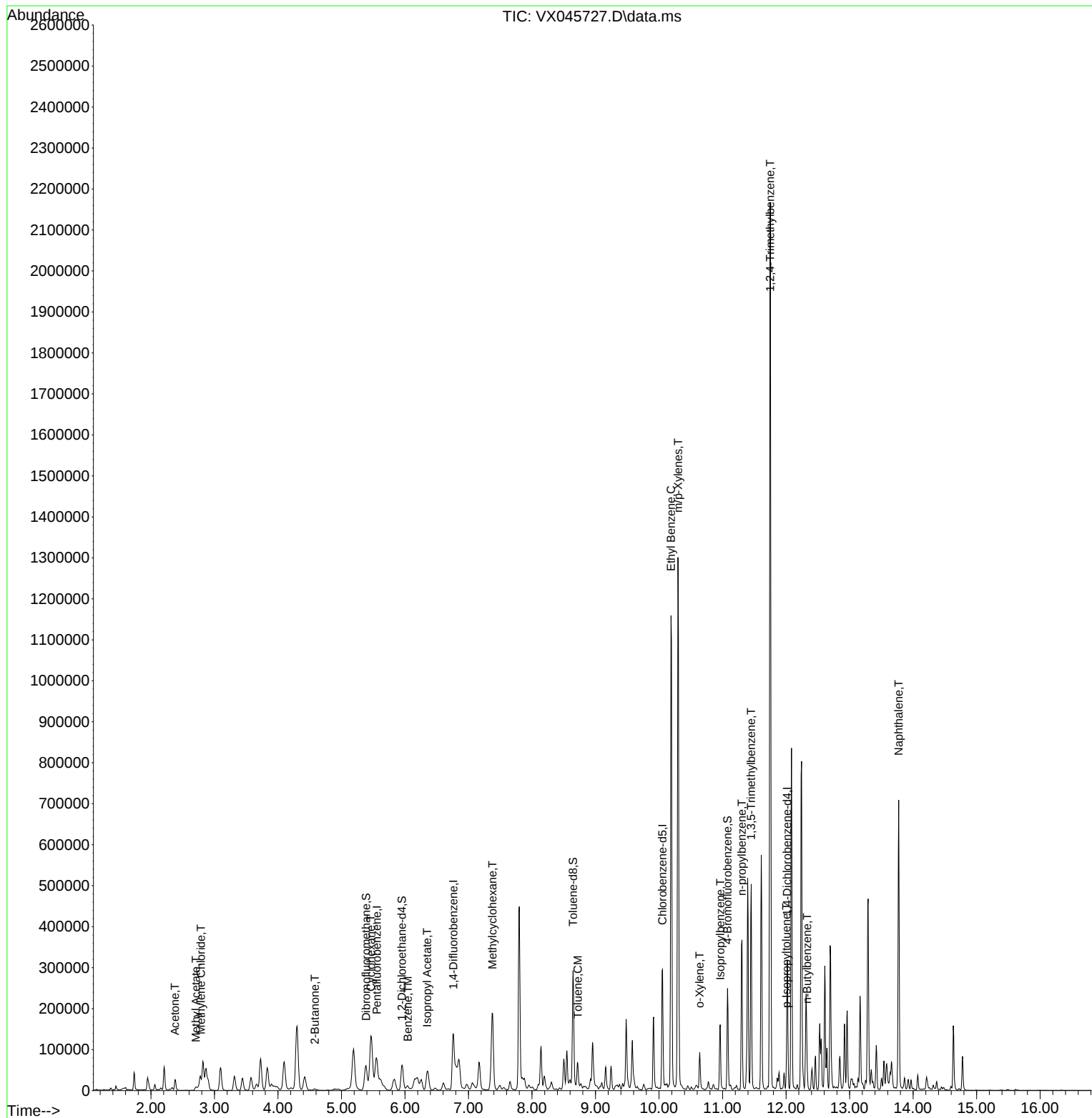
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045727.D
Acq On : 11 Apr 2025 09:22
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TP-15

Quant Time: Apr 11 11:16:29 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

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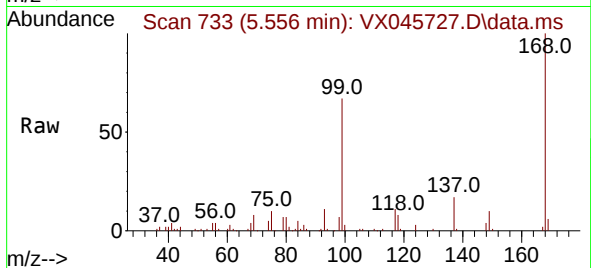
Reviewed By : John Carlone 04/11/2025
Supervised By : Mahesh Dadoda 04/11/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

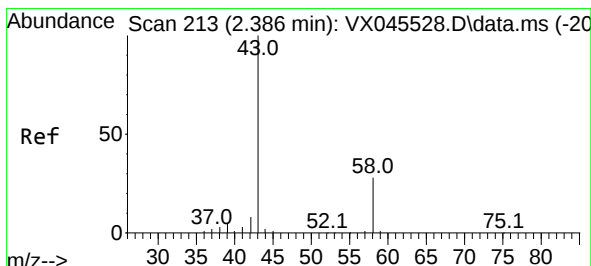
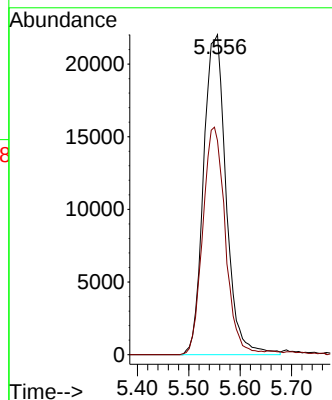
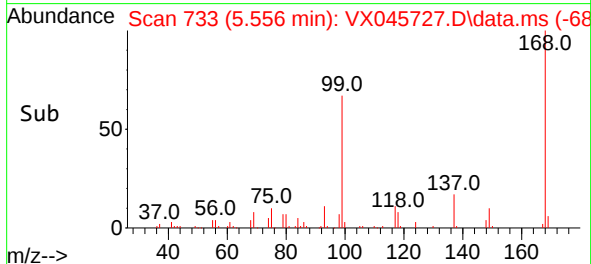
Instrument :
MSVOA_X
ClientSampleId :
TP-15



Tgt Ion:168 Resp: 6719
Ion Ratio Lower Upper
168 100
99 66.9 52.3 78.5

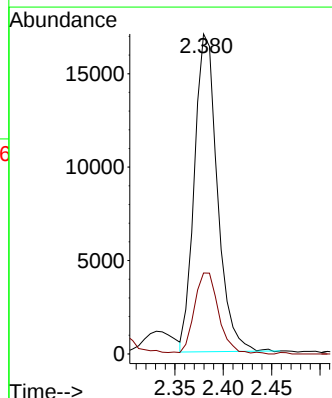
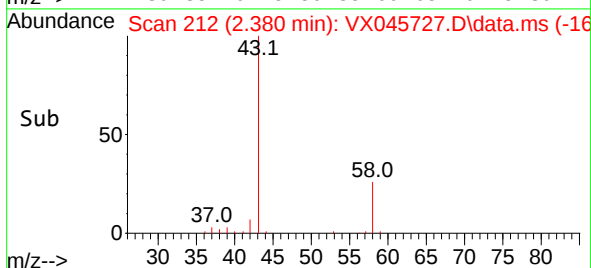
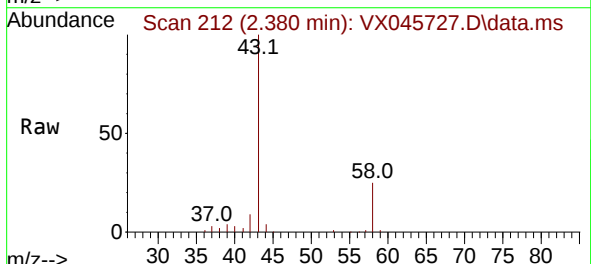
Manual Integrations
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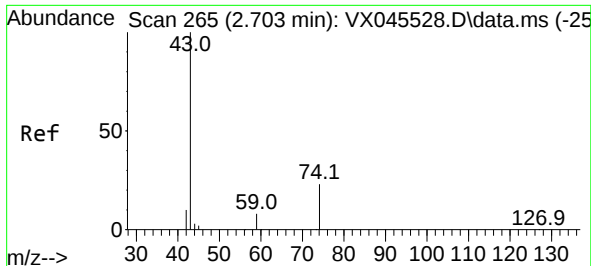
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#16
Acetone
Concen: 55.745 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

Tgt Ion: 43 Resp: 28129
Ion Ratio Lower Upper
43 100
58 25.1 22.3 33.5





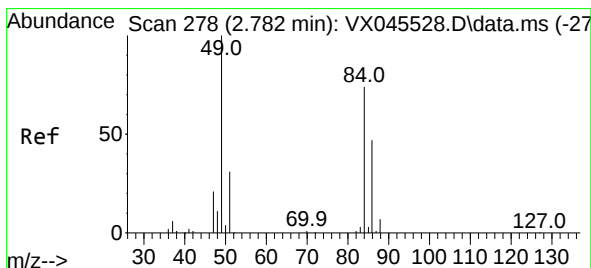
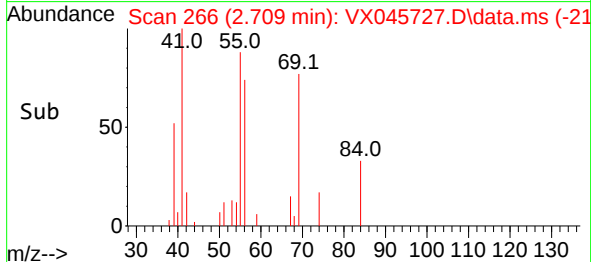
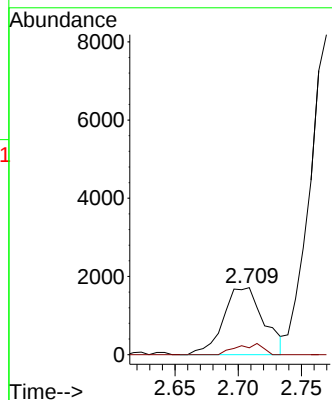
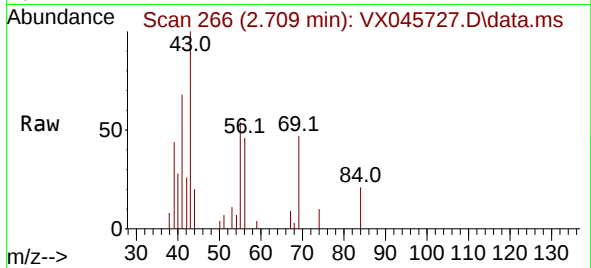
#18
Methyl Acetate
Concen: 3.270 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
TP-15

Tgt Ion: 43 Resp: 3799
Ion Ratio Lower Upper
43 100
74 10.7 17.5 26.3

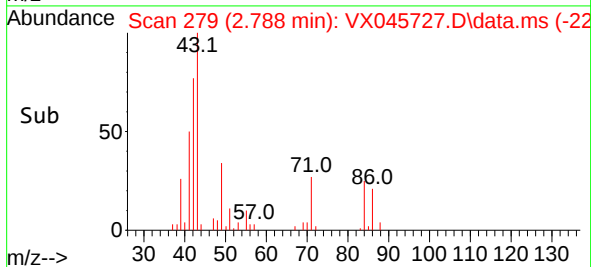
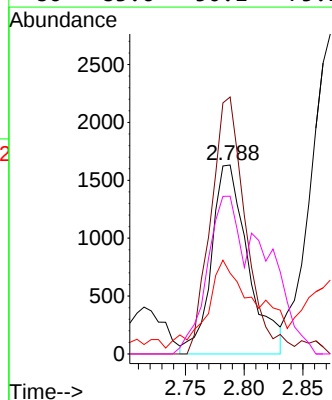
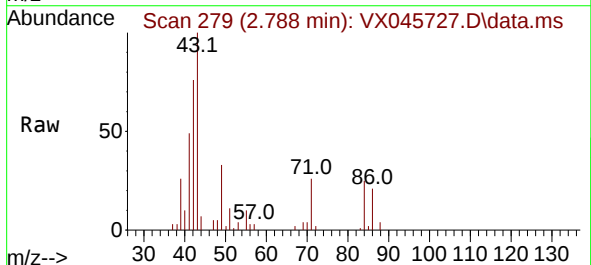
Manual Integrations
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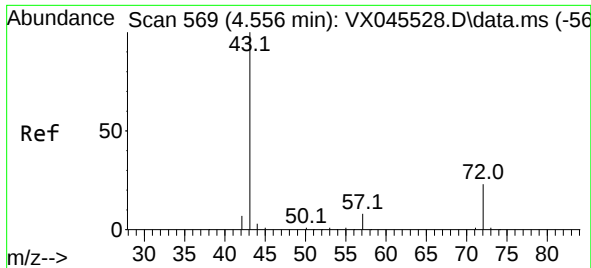
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#20
Methylene Chloride
Concen: 3.746 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

Tgt Ion: 84 Resp: 3539
Ion Ratio Lower Upper
84 100
49 141.9 107.5 161.3
51 34.1 33.0 49.6
86 83.6 50.1 75.1





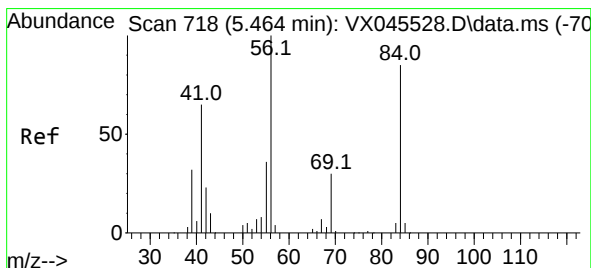
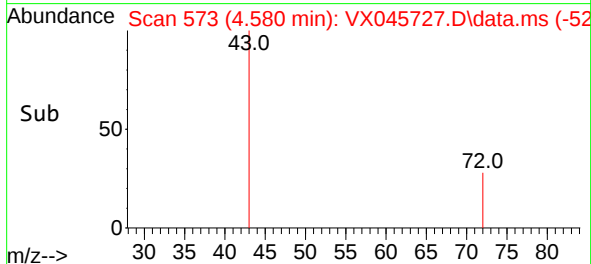
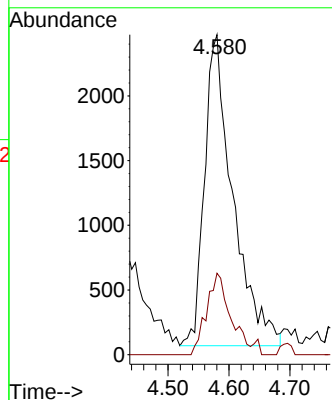
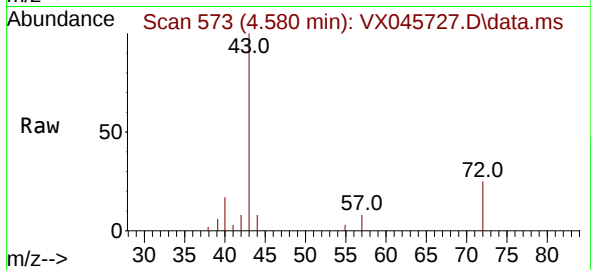
#25
2-Butanone
Concen: 10.515 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
TP-15

Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
72 26.2 18.6 28.0

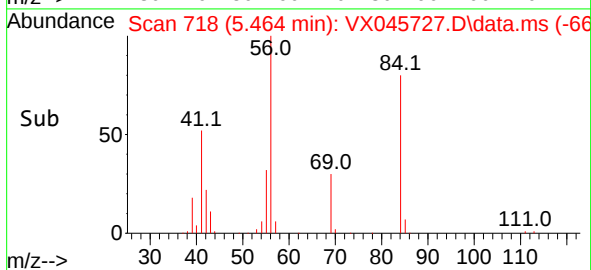
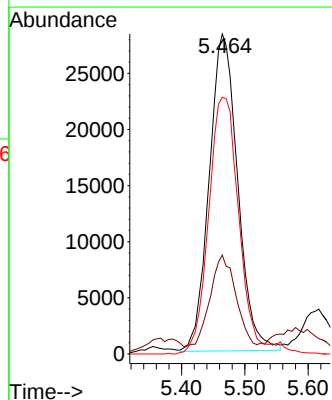
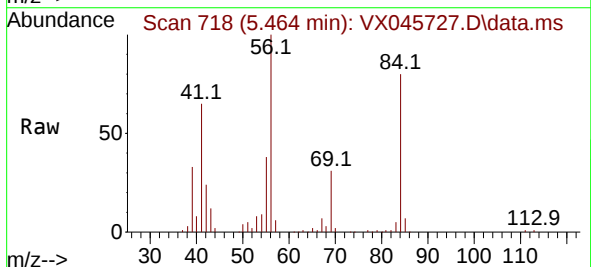
Manual Integrations
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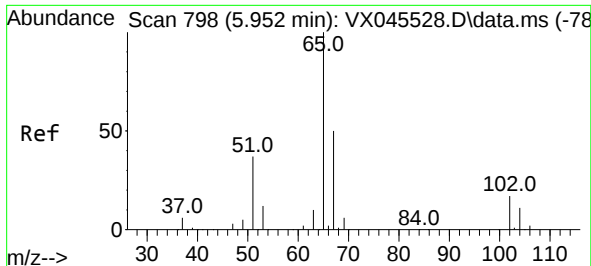
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#31
Cyclohexane
Concen: 58.568 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

Tgt Ion: 56 Resp: 88288
Ion Ratio Lower Upper
56 100
69 27.8 23.6 35.4
84 80.7 67.7 101.5





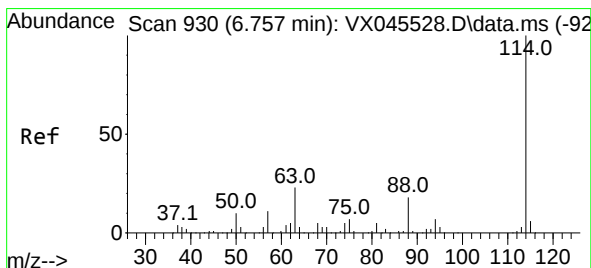
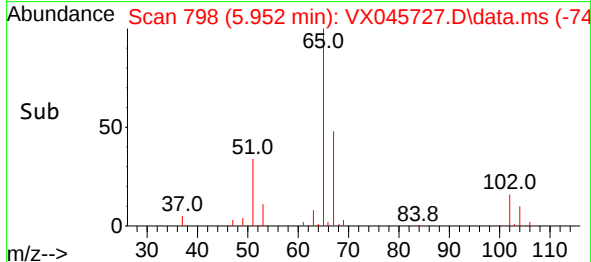
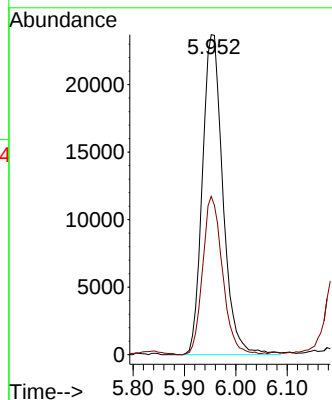
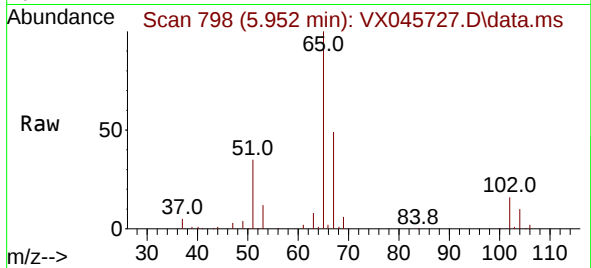
#33
 1,2-Dichloroethane-d4
 Concen: 53.459 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045727.D
 Acq: 11 Apr 2025 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-15

Tgt Ion: 65 Resp: 65694
 Ion Ratio Lower Upper
 65 100
 67 48.0 0.0 99.0

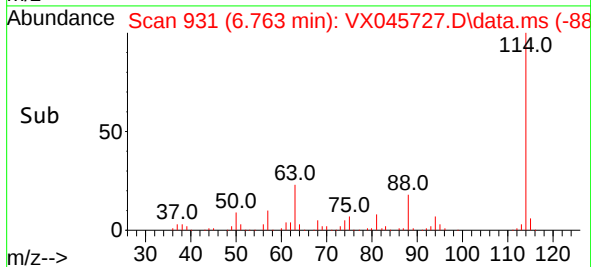
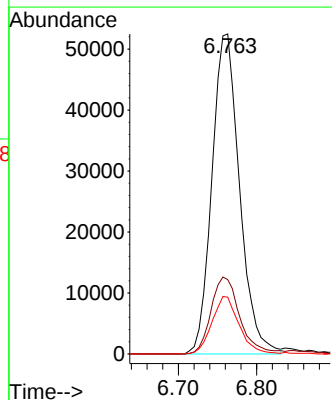
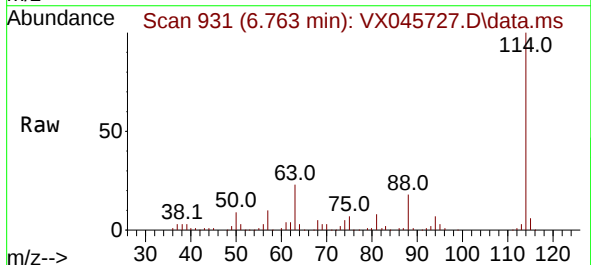
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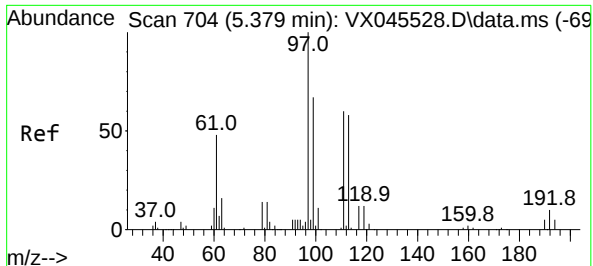
Reviewed By :John Carlone 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX045727.D
 Acq: 11 Apr 2025 09:22

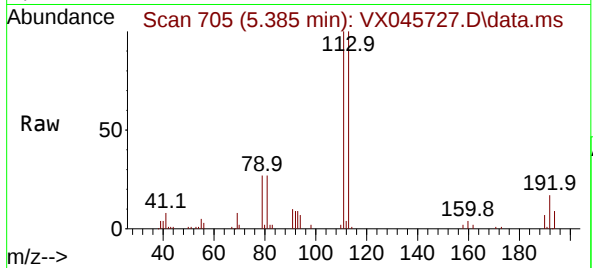
Tgt Ion:114 Resp: 128559
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.8
 88 17.8 0.0 35.4





#35
Dibromofluoromethane
Concen: 51.337 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

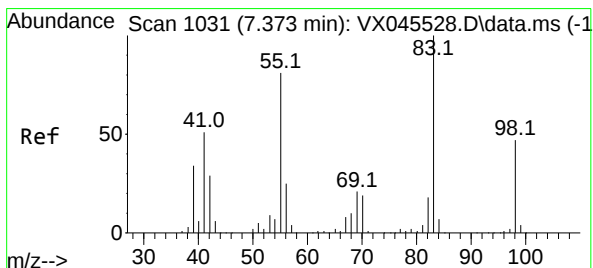
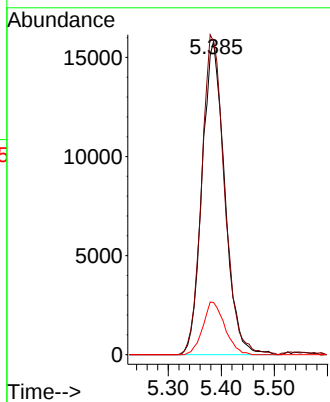
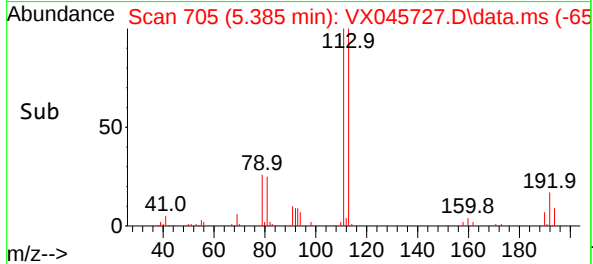
Instrument :
MSVOA_X
ClientSampleId :
TP-15



Tgt Ion: 113 Resp: 46820
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 16.3 13.8 20.6

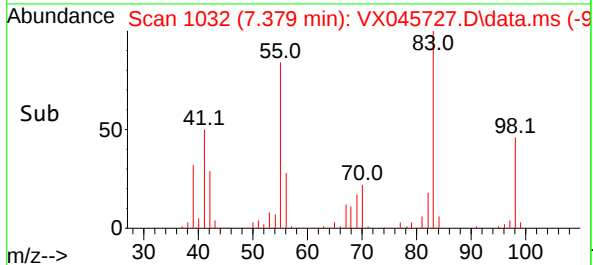
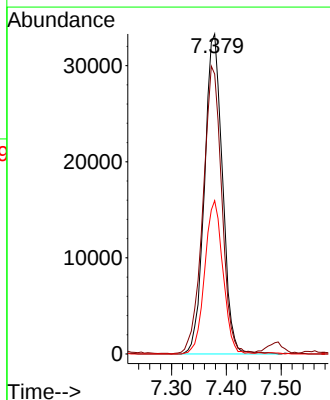
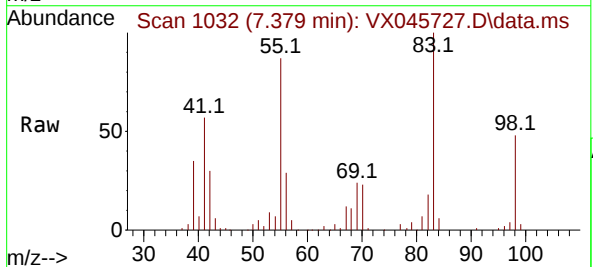
Manual Integrations
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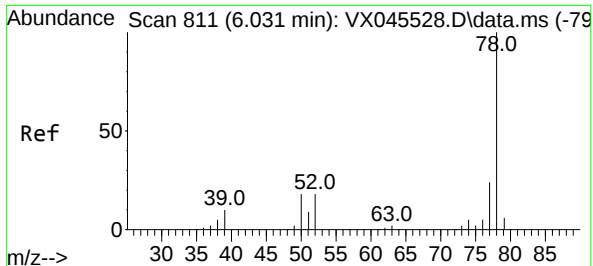
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#39
Methylcyclohexane
Concen: 50.195 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

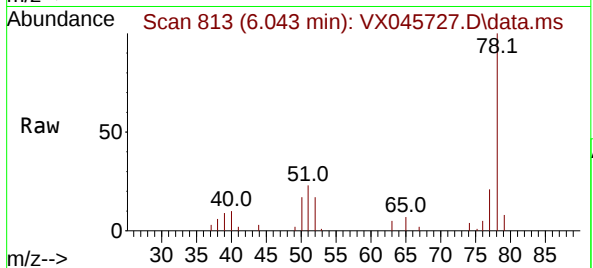
Tgt Ion: 83 Resp: 75777
Ion Ratio Lower Upper
83 100
55 87.1 64.9 97.3
98 47.9 37.4 56.0





#40
Benzene
Concen: 3.497 ug/l
RT: 6.043 min Scan# 811
Delta R.T. 0.012 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

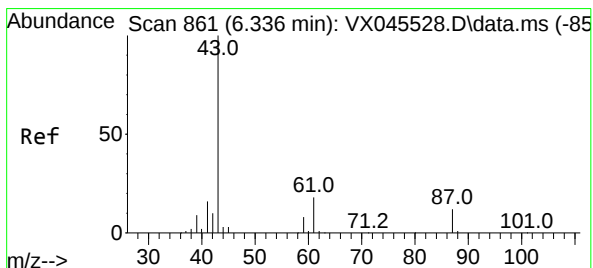
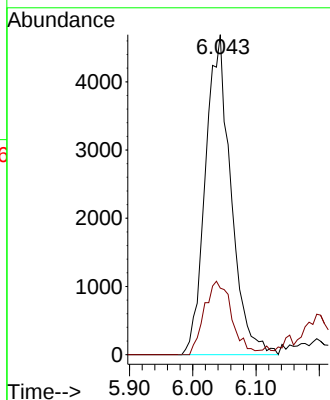
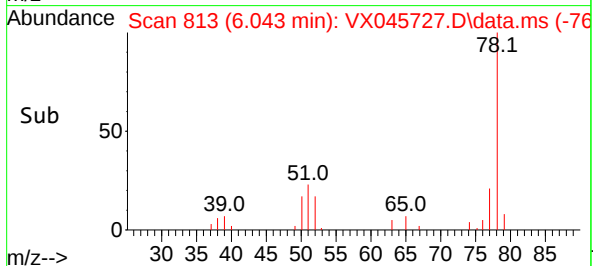
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TP-15



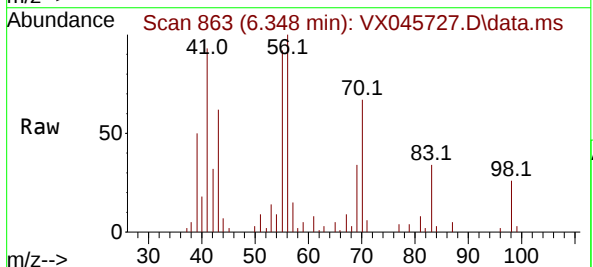
Tgt Ion: 78 Resp: 1315
Ion Ratio Lower Upper
78 100
77 20.8 19.0 28.6

Manual Integrations
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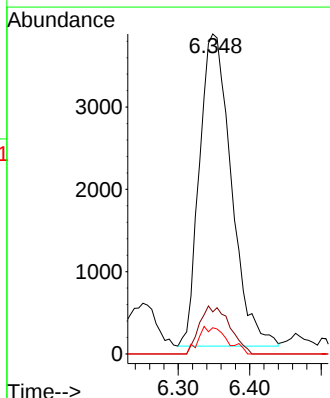
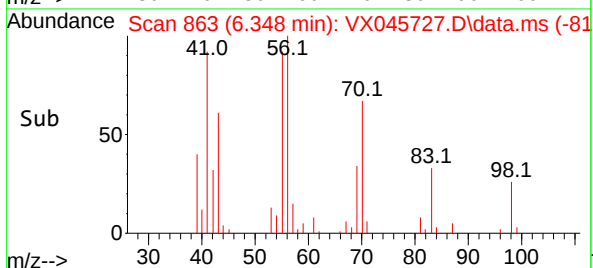
Reviewed By :John Carlone 04/11/2025
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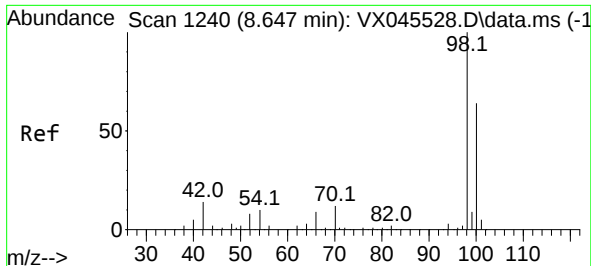


#43
Isopropyl Acetate
Concen: 4.997 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22



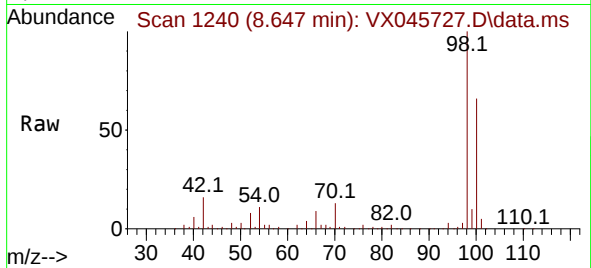
Tgt Ion: 43 Resp: 11755
Ion Ratio Lower Upper
43 100
61 14.5 14.1 21.1
87 7.7 9.2 13.8#





#50
Toluene-d8
Concen: 52.235 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

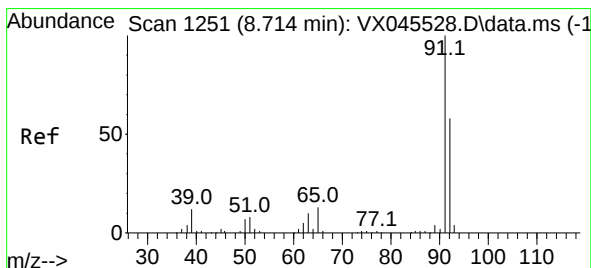
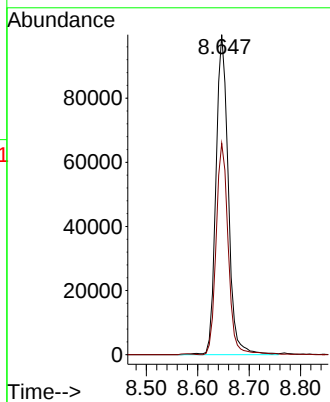
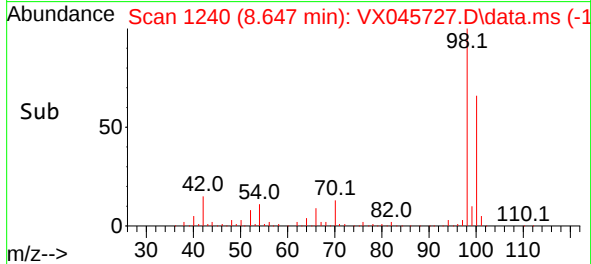
Instrument :
MSVOA_X
ClientSampleId :
TP-15



Tgt Ion: 98 Resp: 166300
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4

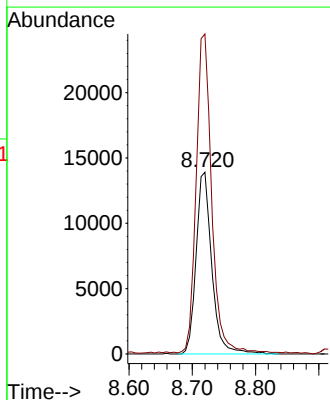
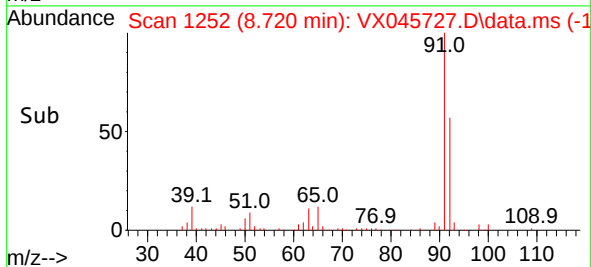
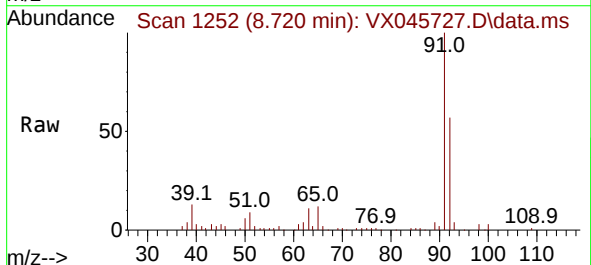
Manual Integrations
APPROVED

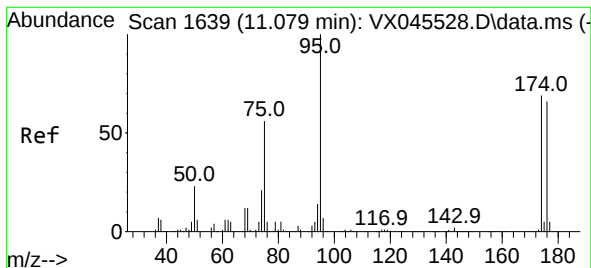
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#52
Toluene
Concen: 10.546 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

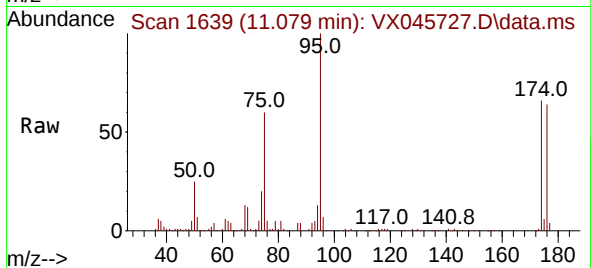
Tgt Ion: 92 Resp: 24003
Ion Ratio Lower Upper
92 100
91 173.1 138.7 208.1





#62
4-Bromofluorobenzene
Concen: 56.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

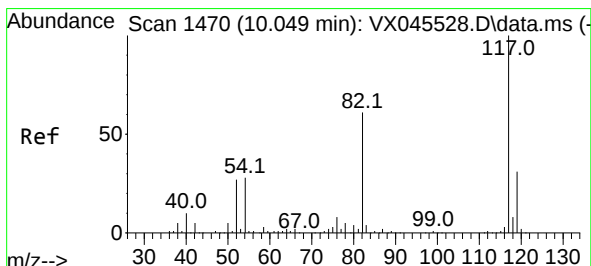
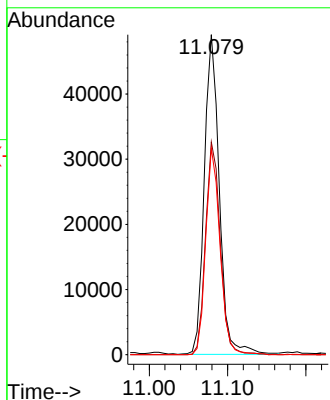
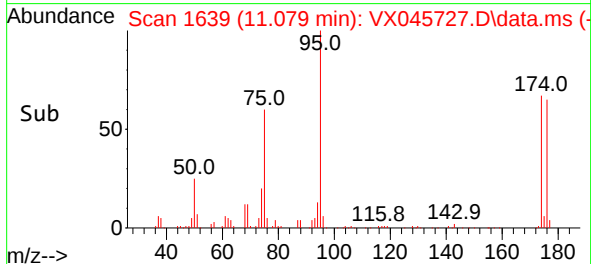
Instrument :
MSVOA_X
ClientSampleId :
TP-15



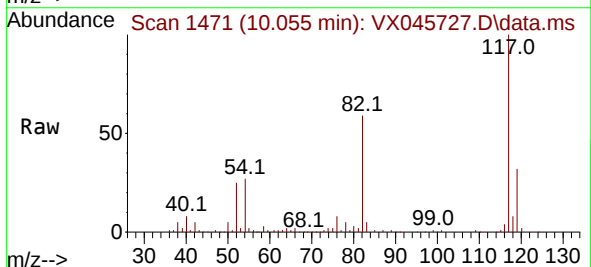
Tgt Ion: 95 Resp: 65229
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.8
176 61.5 0.0 131.4

Manual Integrations
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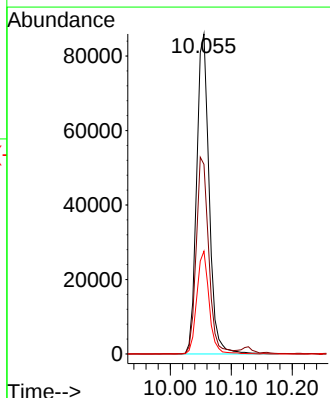
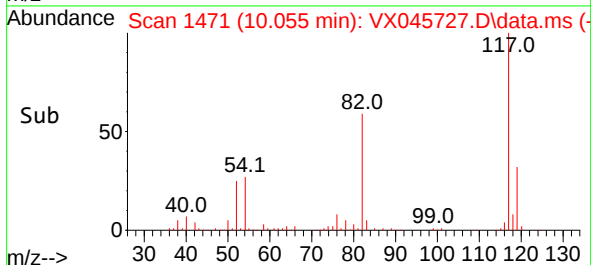
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

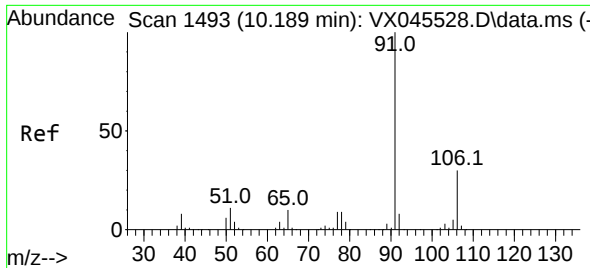


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22



Tgt Ion:117 Resp: 122369
Ion Ratio Lower Upper
117 100
82 59.2 49.2 73.8
119 32.1 25.1 37.7





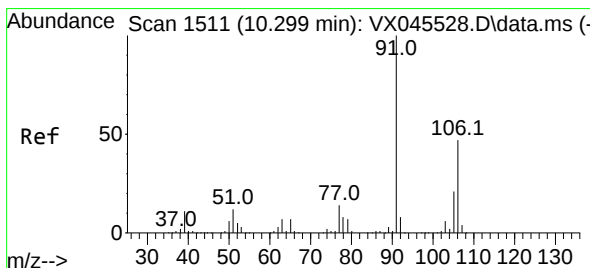
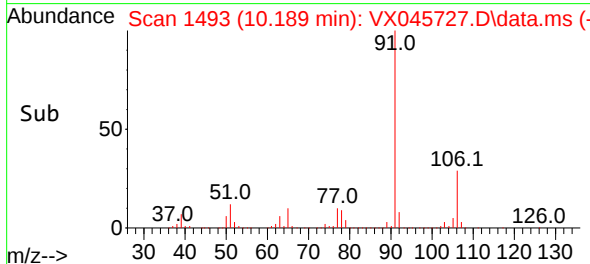
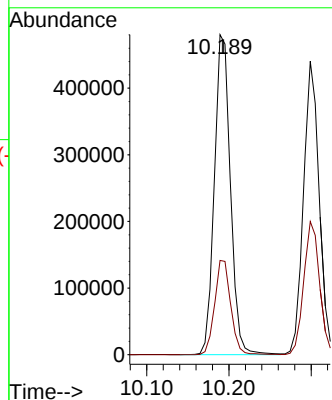
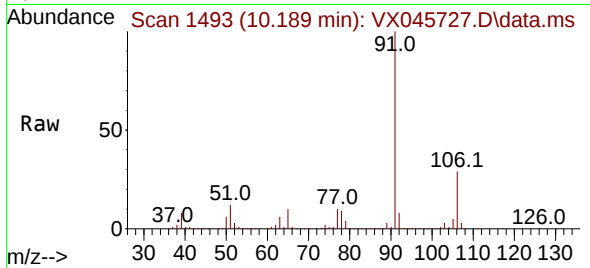
#67
Ethyl Benzene
Concen: 139.009 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
TP-15

Tgt Ion: 91 Resp: 651000
Ion Ratio Lower Upper
91 100
106 29.4 23.7 35.5

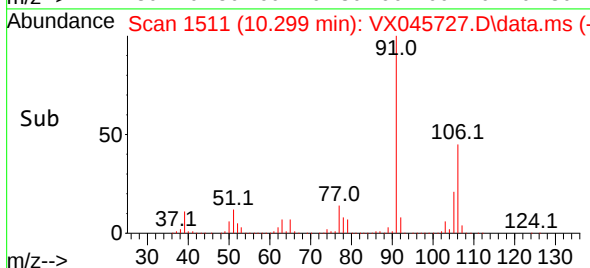
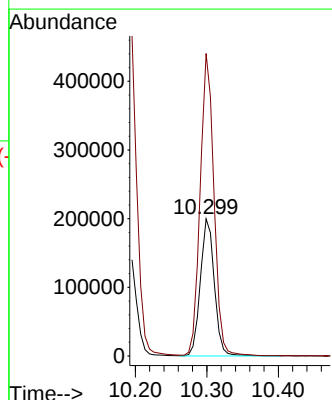
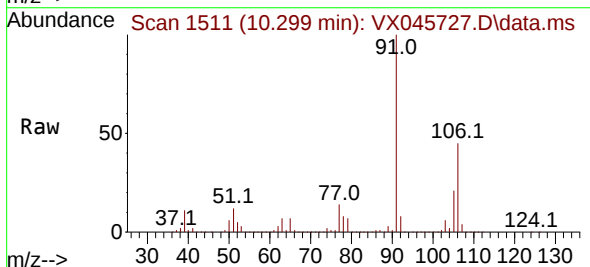
Manual Integrations
APPROVED

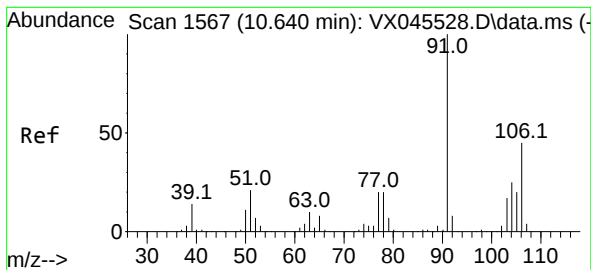
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#68
m/p-Xylenes
Concen: 158.750 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

Tgt Ion:106 Resp: 270401
Ion Ratio Lower Upper
106 100
91 217.6 172.6 258.8





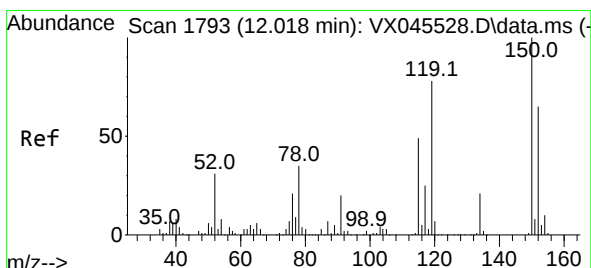
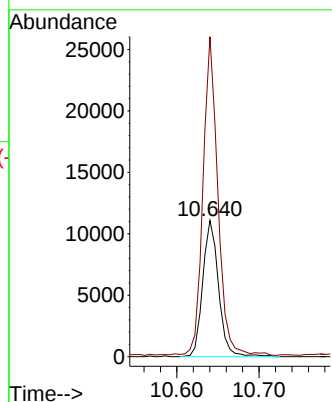
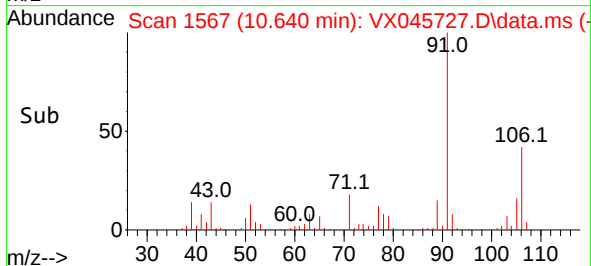
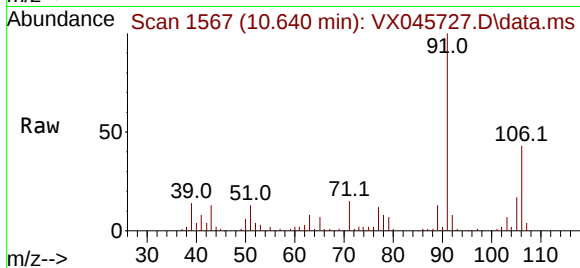
#69
o-Xylene
Concen: 8.852 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
TP-15

Tgt Ion:106 Resp: 1485
Ion Ratio Lower Upper
106 100
91 220.6 113.6 340.6

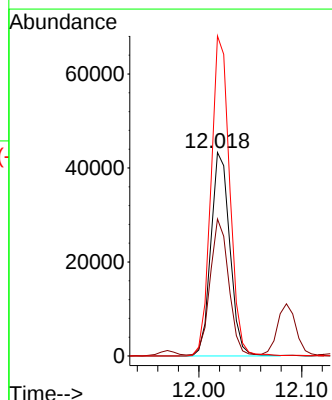
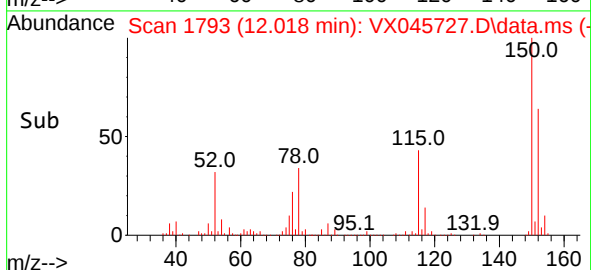
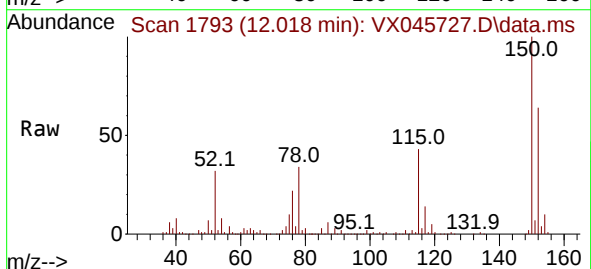
Manual Integrations
APPROVED

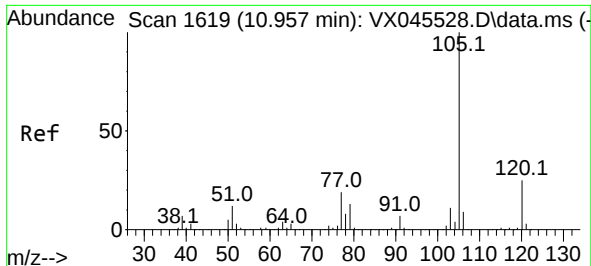
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

Tgt Ion:152 Resp: 55332
Ion Ratio Lower Upper
152 100
115 64.9 46.9 140.7
150 155.1 0.0 349.4





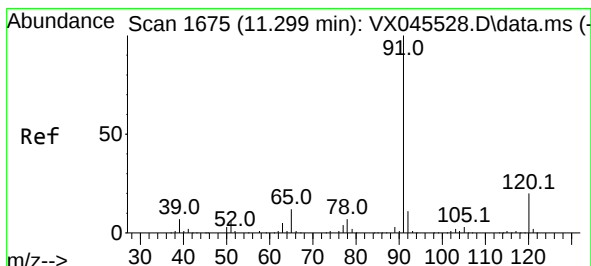
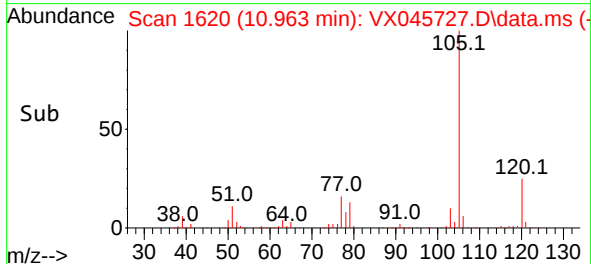
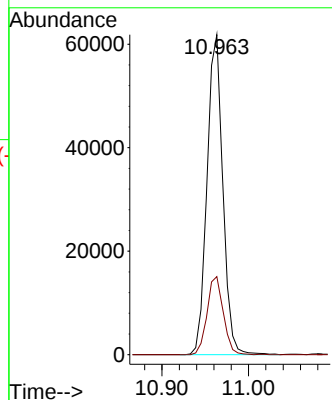
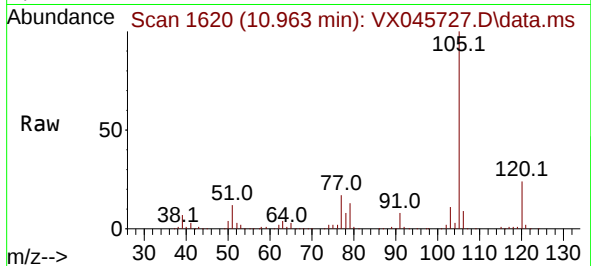
#73
Isopropylbenzene
Concen: 17.673 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
TP-15

Tgt Ion:105 Resp: 78330
Ion Ratio Lower Upper
105 100
120 25.1 12.7 38.0

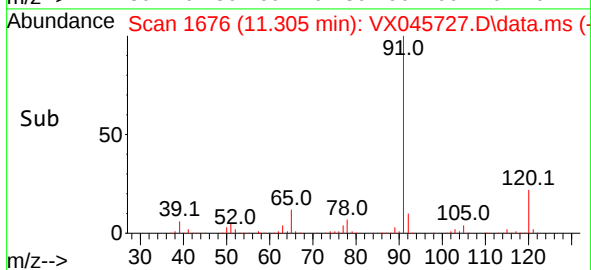
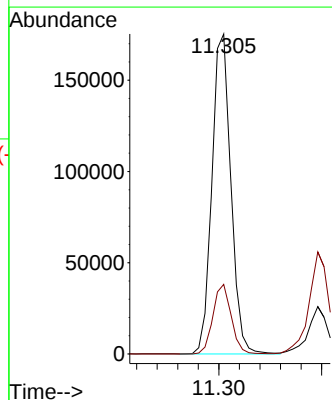
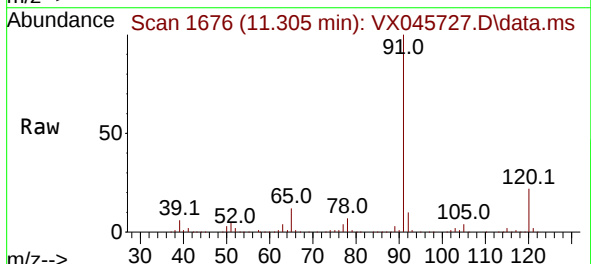
Manual Integrations
APPROVED

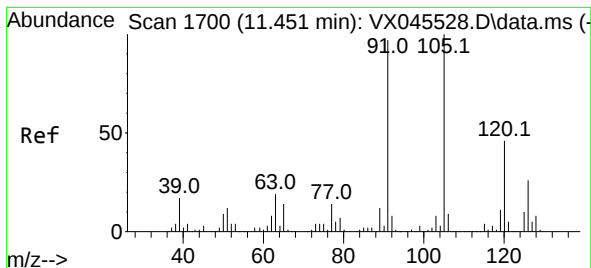
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#78
n-propylbenzene
Concen: 43.874 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

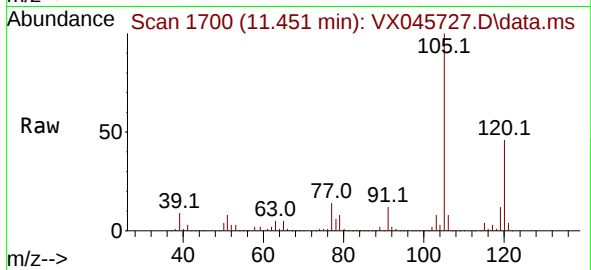
Tgt Ion: 91 Resp: 223982
Ion Ratio Lower Upper
91 100
120 21.0 10.8 32.3





#80
1,3,5-Trimethylbenzene
Concen: 55.694 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

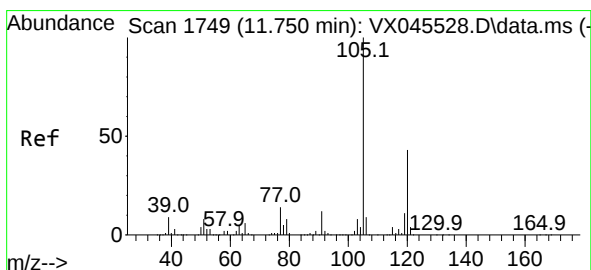
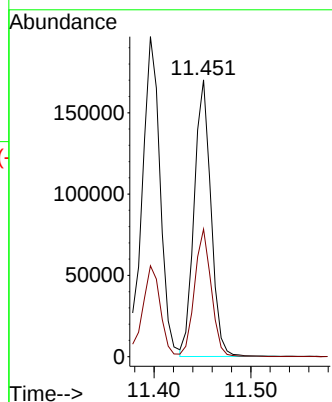
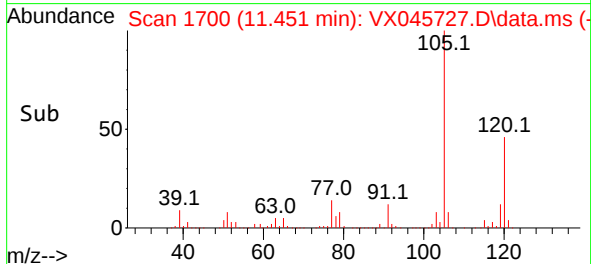
Instrument :
MSVOA_X
ClientSampleId :
TP-15



Tgt Ion:105 Resp: 204118
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0

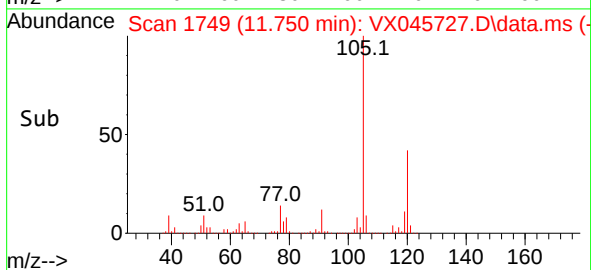
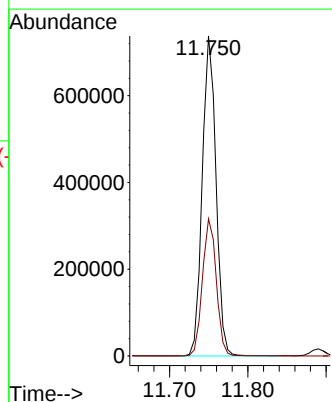
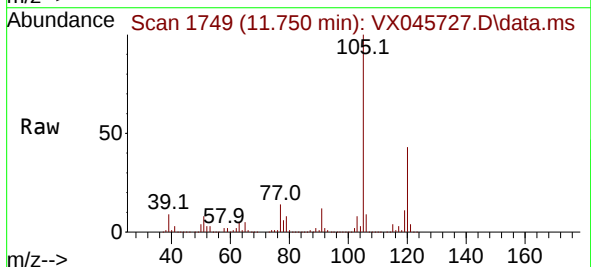
Manual Integrations
APPROVED

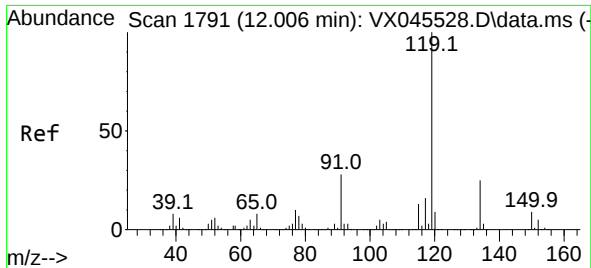
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#84
1,2,4-Trimethylbenzene
Concen: 243.910 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

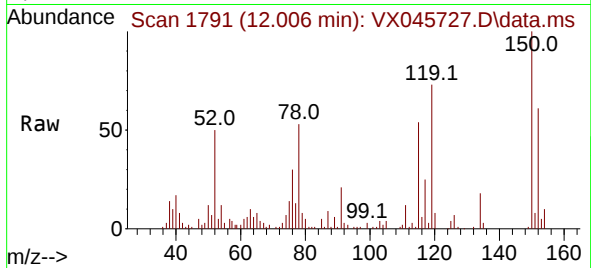
Tgt Ion:105 Resp: 897224
Ion Ratio Lower Upper
105 100
120 43.4 21.4 64.3





#86
p-Isopropyltoluene
Concen: 2.701 ug/l m
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

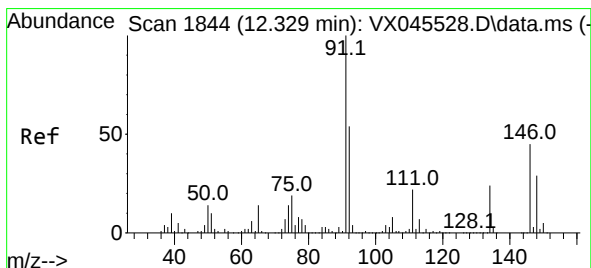
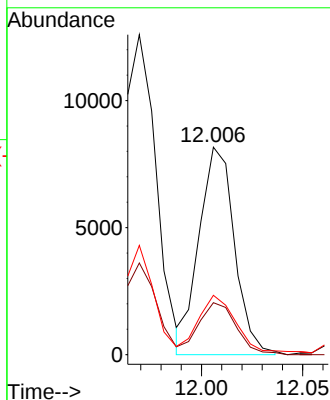
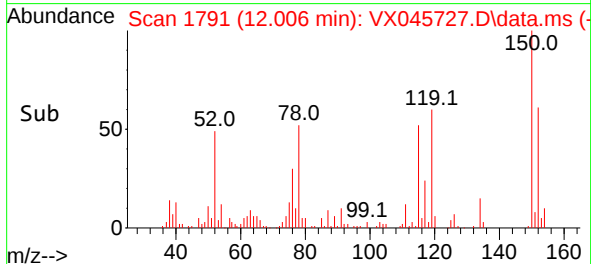
Instrument :
MSVOA_X
ClientSampleId :
TP-15



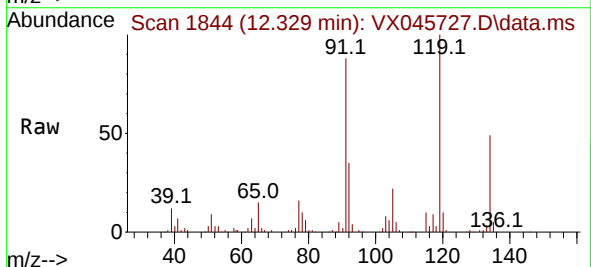
Tgt Ion: 119 Resp: 9923
Ion Ratio Lower Upper
119 100
134 42.7 12.6 37.8
91 46.3 13.7 41.1

Manual Integrations
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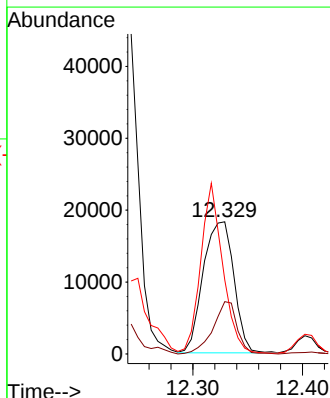
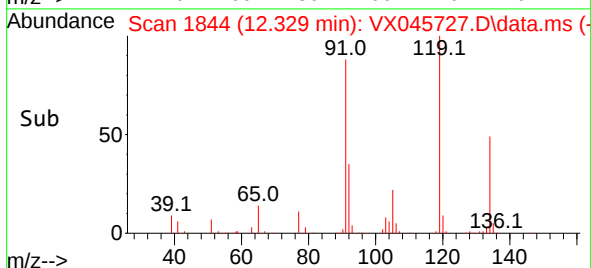
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

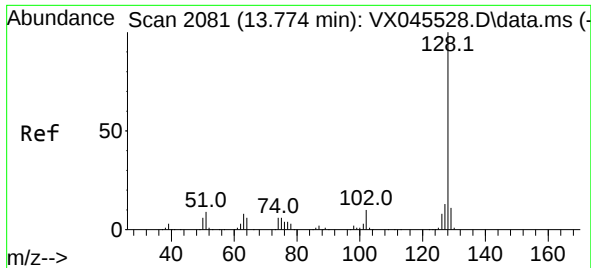


#89
n-Butylbenzene
Concen: 11.134 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22



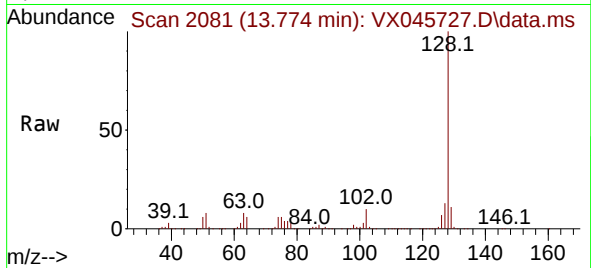
Tgt Ion: 91 Resp: 35473
Ion Ratio Lower Upper
91 100
92 31.2 26.9 80.6
134 92.6 11.9 35.7





#95
Naphthalene
Concen: 102.285 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045727.D
Acq: 11 Apr 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
TP-15



Tgt Ion:128 Resp: 392670
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

