

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010422\  
 Data File : VX026271.D  
 Acq On : 04 Jan 2022 15:04  
 Operator : JC/MD  
 Sample : M5328-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 20938

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 01/05/2022  
 Supervised By :Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 06:09:49 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	149291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117642	54.469	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	108.940%	
35) Dibromofluoromethane	5.391	113	85270	50.360	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.720%	
50) Toluene-d8	8.653	98	306566	48.676	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.360%	
62) 4-Bromofluorobenzene	11.079	95	112963	50.383	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.760%	
Target Compounds						
11) Tert butyl alcohol	2.959	59	6277	14.551	ug/l	96
16) Acetone	2.380	43	26237	22.421	ug/l	91
25) 2-Butanone	4.562	43	24145	14.812	ug/l	90
40) Benzene	6.037	78	11821	1.517	ug/l	94
52) Toluene	8.720	92	8919	1.859	ug/l	98
68) m/p-Xylenes	10.299	106	5988	1.824	ug/l	97
69) o-Xylene	10.646	106	2637m	0.821	ug/l	
95) Naphthalene	13.780	128	17992	2.349	ug/l	99

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

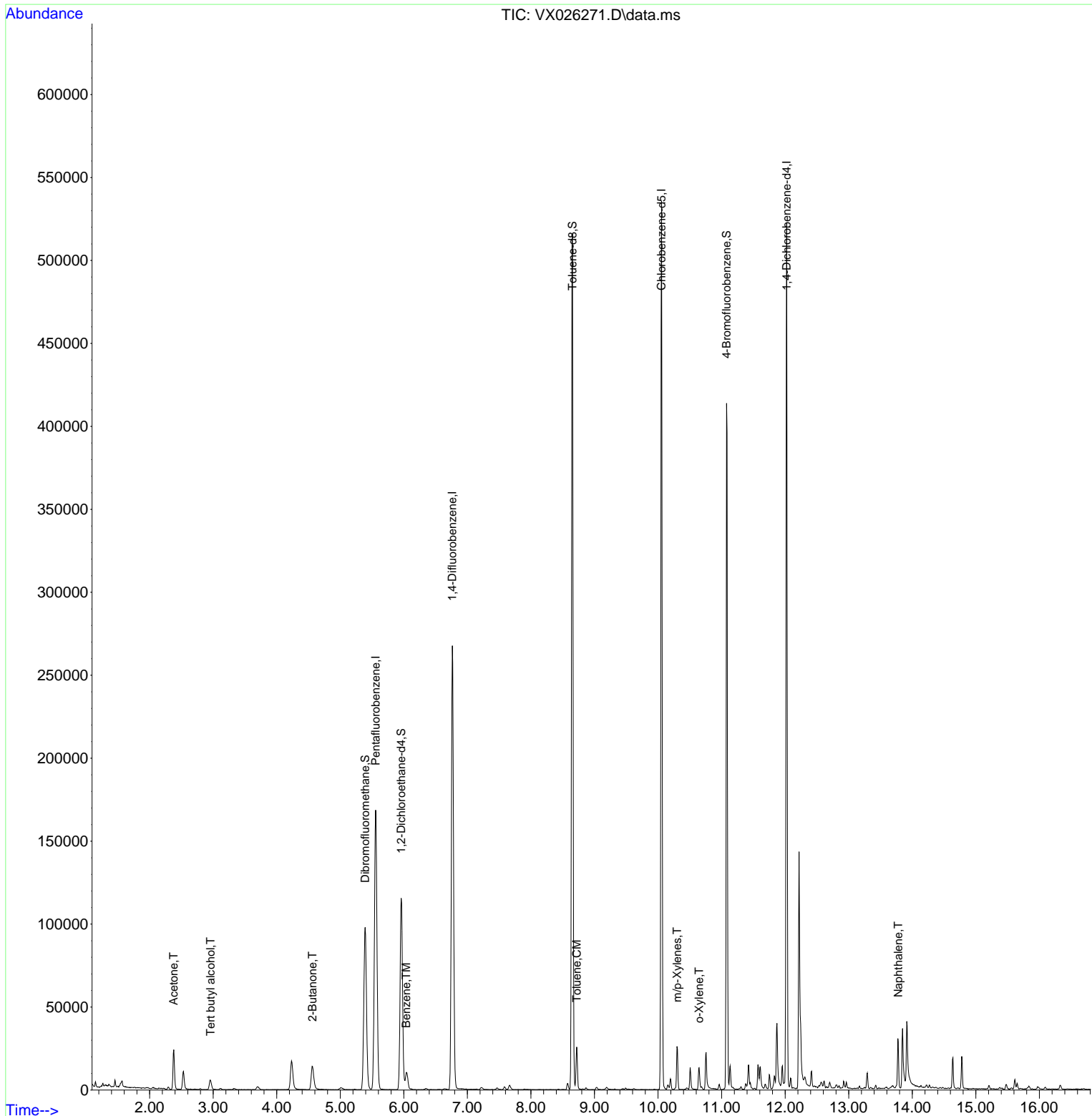
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010422\  
 Data File : VX026271.D  
 Acq On : 04 Jan 2022 15:04  
 Operator : JC/MD  
 Sample : M5328-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
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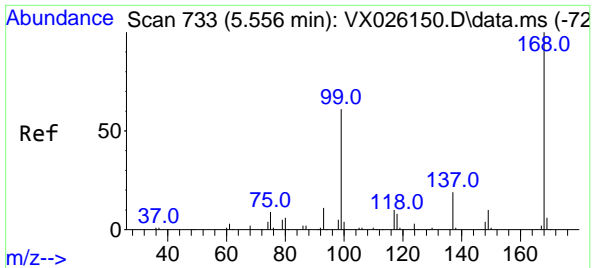
**Instrument :**  
 MSVOA\_X  
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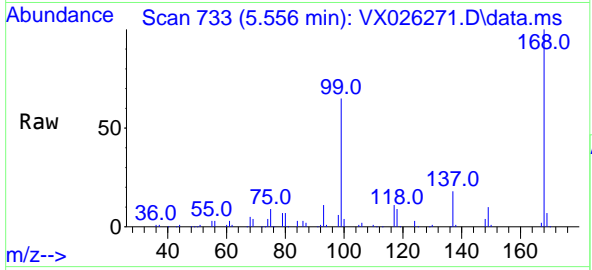
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 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration





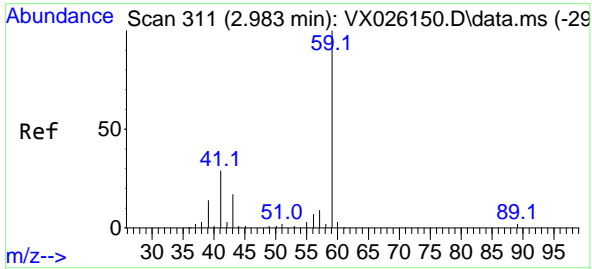
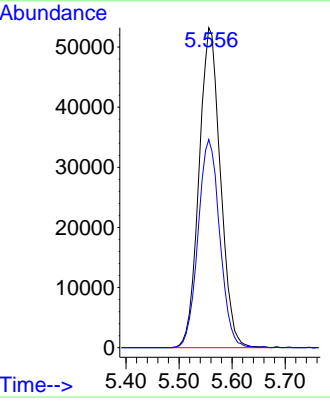
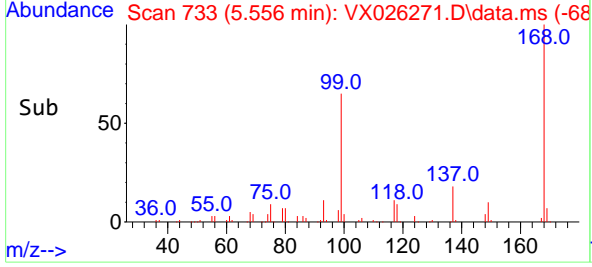
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.556 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04

Instrument : MSVOA\_X  
 ClientSampleId : 20938

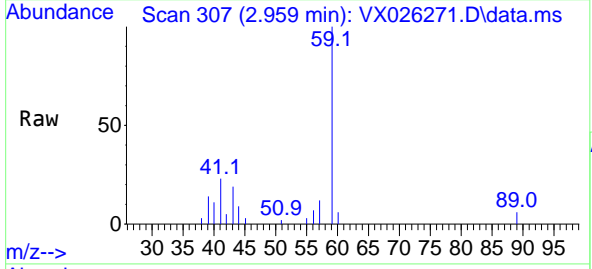


Tgt Ion: 168 Resp: 14929  
 Ion Ratio Lower Upper  
 168 100  
 99 65.0 45.8 68.8

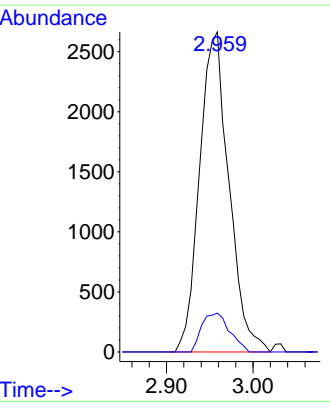
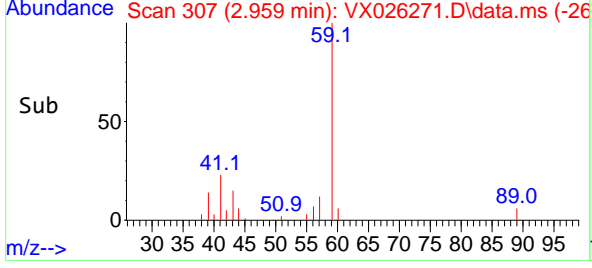
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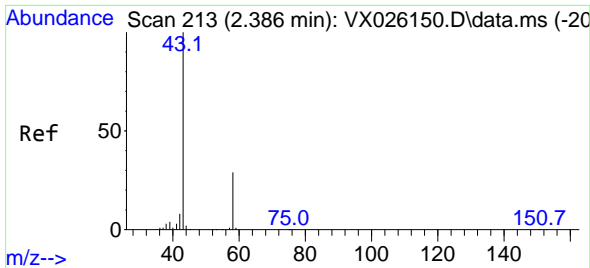


#11  
 Tert butyl alcohol  
 Concen: 14.551 ug/l  
 RT: 2.959 min Scan# 307  
 Delta R.T. -0.024 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04



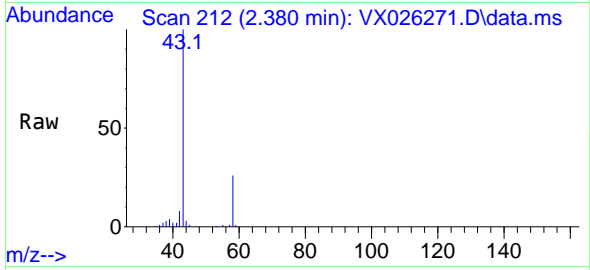
Tgt Ion: 59 Resp: 6277  
 Ion Ratio Lower Upper  
 59 100  
 57 11.5 8.2 12.2





#16  
 Acetone  
 Concen: 22.421 ug/l  
 RT: 2.380 min Scan# 213  
 Delta R.T. -0.006 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04

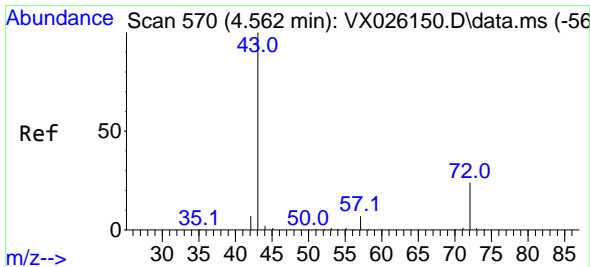
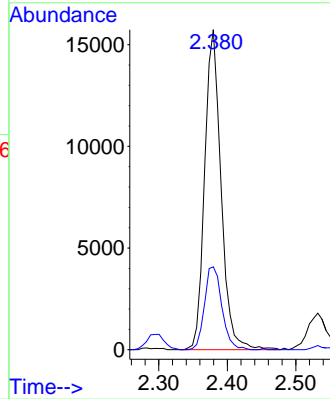
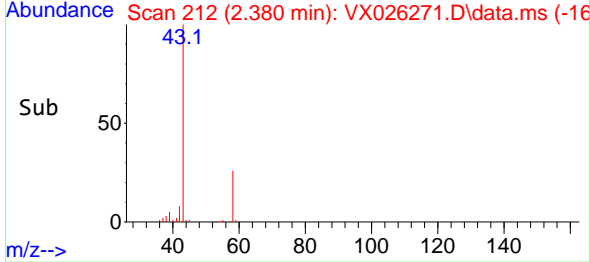
Instrument : MSVOA\_X  
 ClientSampleId : 20938



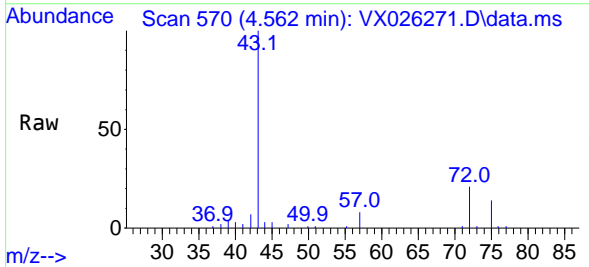
Tgt Ion: 43 Resp: 2623  
 Ion Ratio Lower Upper  
 43 100  
 58 25.9 24.8 37.2

Manual Integrations  
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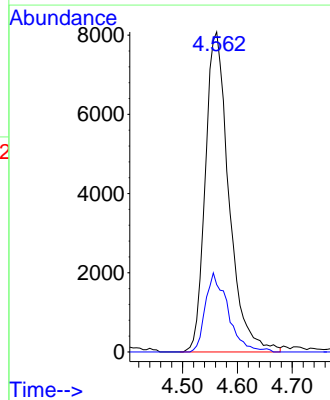
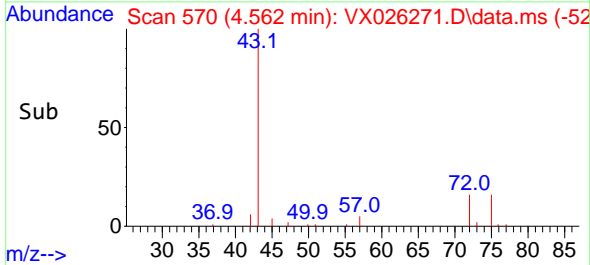
Reviewed By :John Carlone 01/05/2022  
 Supervised By :Mahesh Dadoda 01/05/2022

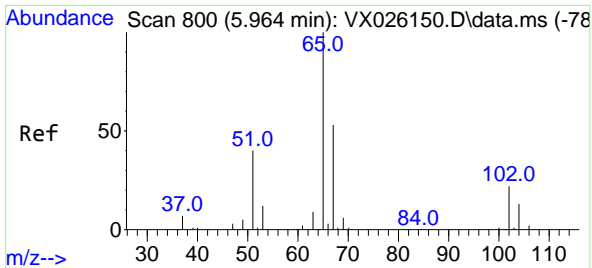


#25  
 2-Butanone  
 Concen: 14.812 ug/l  
 RT: 4.562 min Scan# 570  
 Delta R.T. 0.000 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04



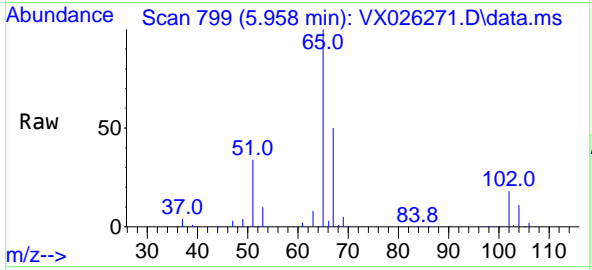
Tgt Ion: 43 Resp: 24145  
 Ion Ratio Lower Upper  
 43 100  
 72 21.1 21.0 31.4





#33  
 1,2-Dichloroethane-d4  
 Concen: 54.469 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. -0.006 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04

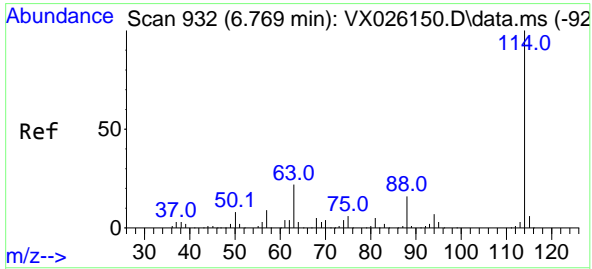
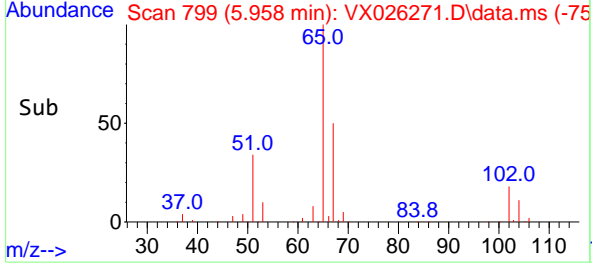
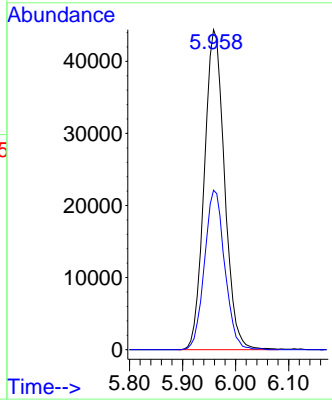
Instrument : MSVOA\_X  
 ClientSampleId : 20938



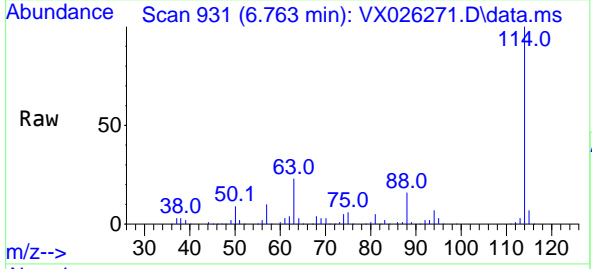
Tgt Ion: 65 Resp: 11764  
 Ion Ratio Lower Upper  
 65 100  
 67 49.8 0.0 103.4

Manual Integrations  
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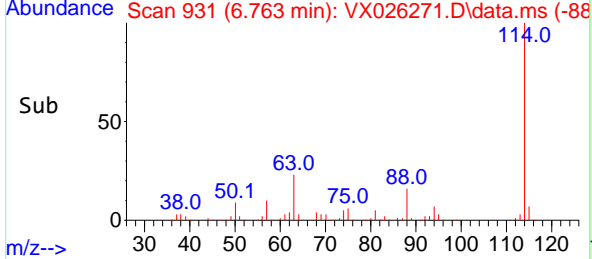
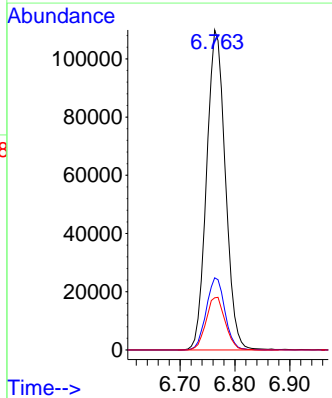
Reviewed By :John Carlone 01/05/2022  
 Supervised By :Mahesh Dadoda 01/05/2022

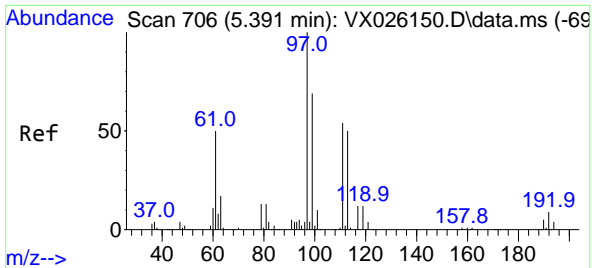


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.006 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04



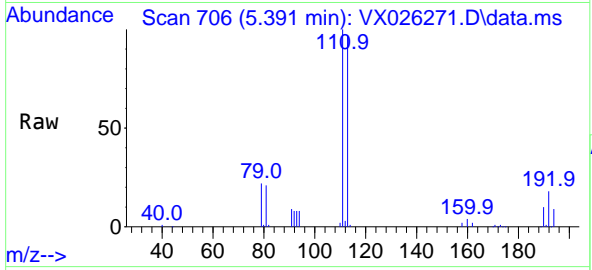
Tgt Ion:114 Resp: 260443  
 Ion Ratio Lower Upper  
 114 100  
 63 22.6 0.0 40.0  
 88 16.3 0.0 30.6





#35  
 Dibromofluoromethane  
 Concen: 50.360 ug/l  
 RT: 5.391 min Scan# 706  
 Delta R.T. 0.000 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04

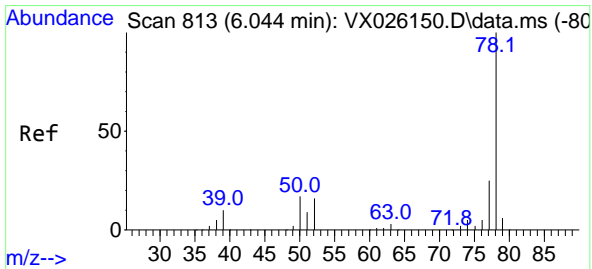
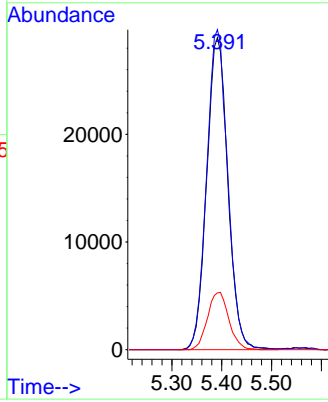
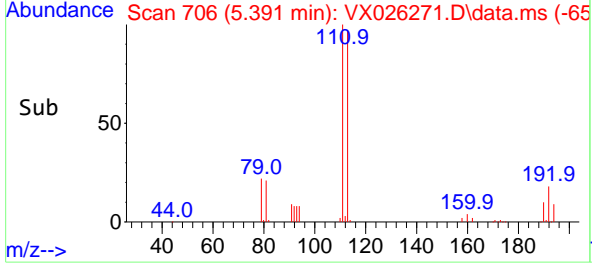
Instrument : MSVOA\_X  
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Tgt Ion: 113 Resp: 85270  
 Ion Ratio Lower Upper  
 113 100  
 111 102.5 81.8 122.8  
 192 18.5 15.0 22.4

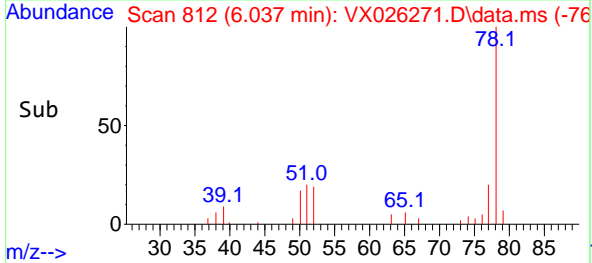
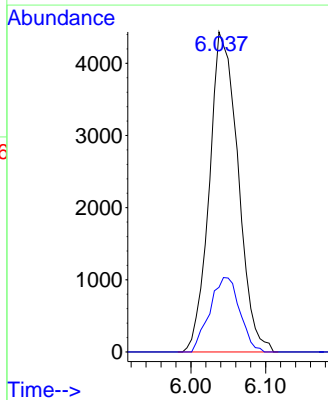
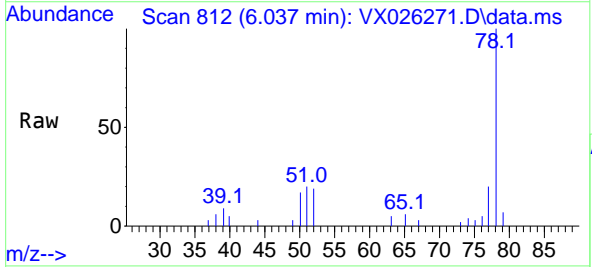
Manual Integrations  
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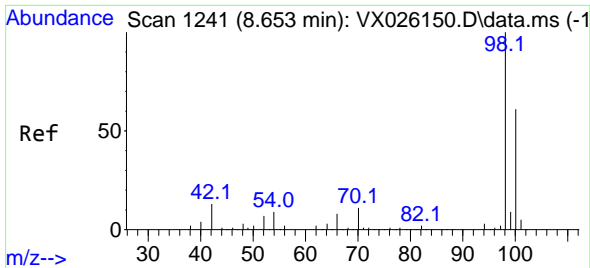
Reviewed By : John Carlone 01/05/2022  
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#40  
 Benzene  
 Concen: 1.517 ug/l  
 RT: 6.037 min Scan# 812  
 Delta R.T. -0.007 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04

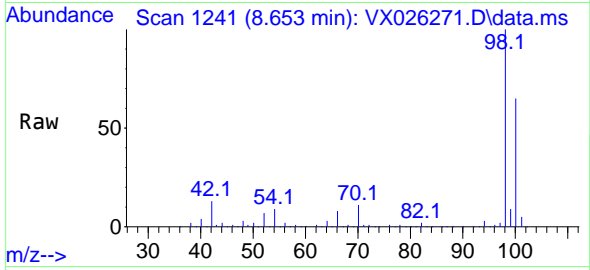
Tgt Ion: 78 Resp: 11821  
 Ion Ratio Lower Upper  
 78 100  
 77 20.2 18.6 27.8





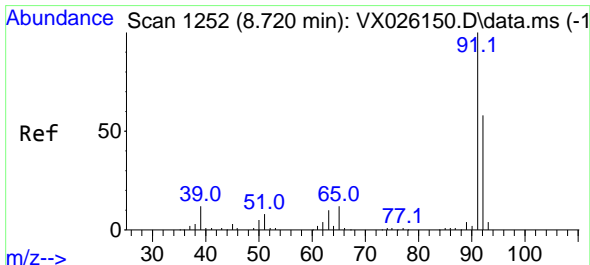
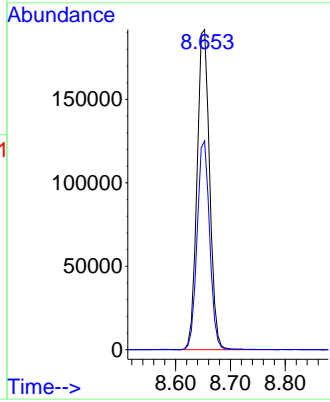
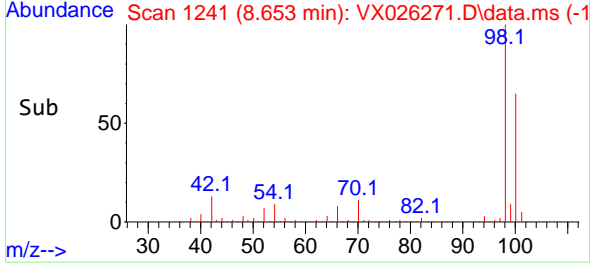
#50  
 Toluene-d8  
 Concen: 48.676 ug/l  
 RT: 8.653 min Scan# 1241  
 Delta R.T. -0.000 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04

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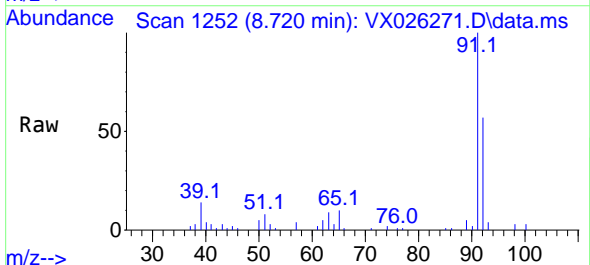


Tgt Ion: 98 Resp: 30656  
 Ion Ratio Lower Upper  
 98 100  
 100 65.0 52.6 78.8

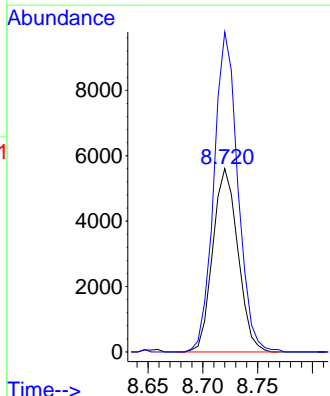
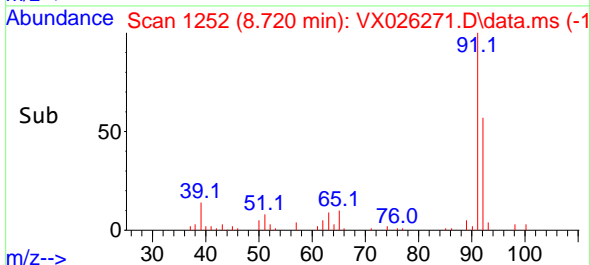
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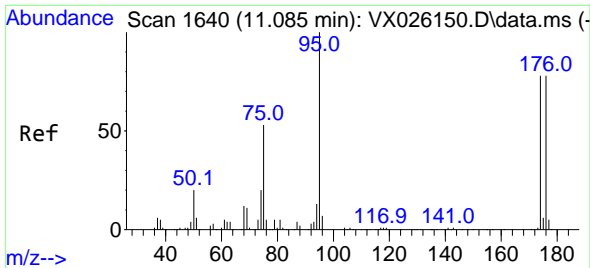


#52  
 Toluene  
 Concen: 1.859 ug/l  
 RT: 8.720 min Scan# 1252  
 Delta R.T. -0.000 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04



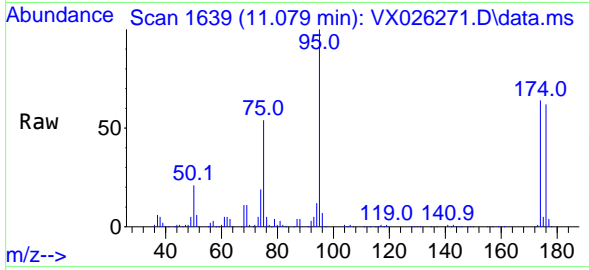
Tgt Ion: 92 Resp: 8919  
 Ion Ratio Lower Upper  
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 91 166.9 136.0 204.0





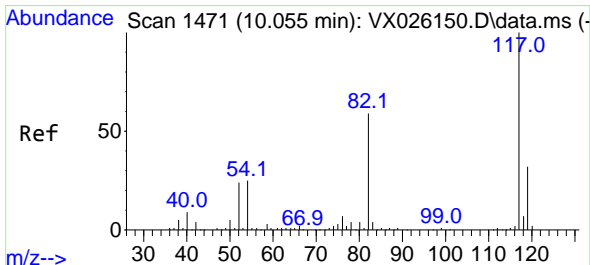
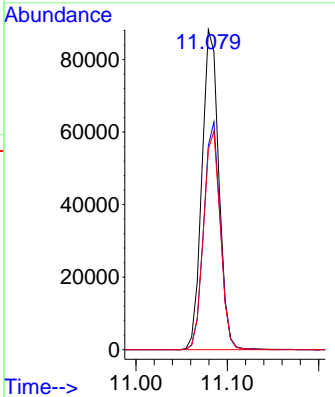
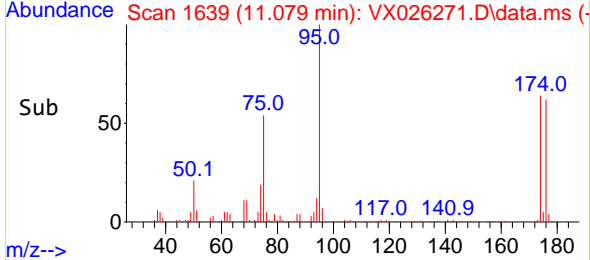
#62  
 4-Bromofluorobenzene  
 Concen: 50.383 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.006 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04

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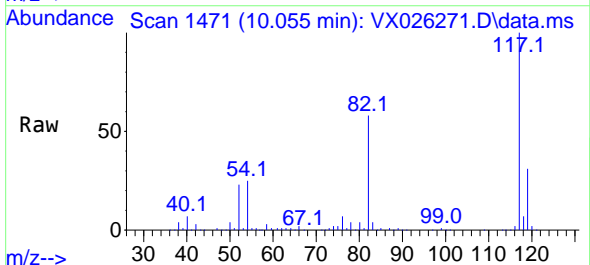


Tgt Ion: 95 Resp: 11296  
 Ion Ratio Lower Upper  
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 176 68.1 0.0 154.6

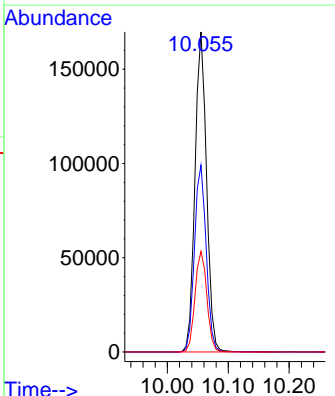
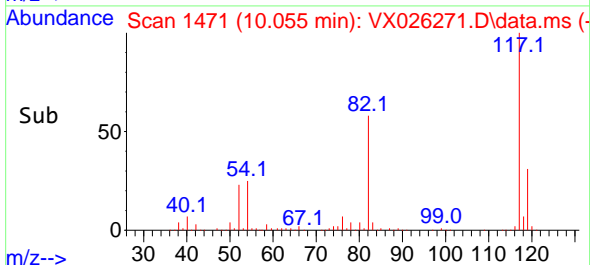
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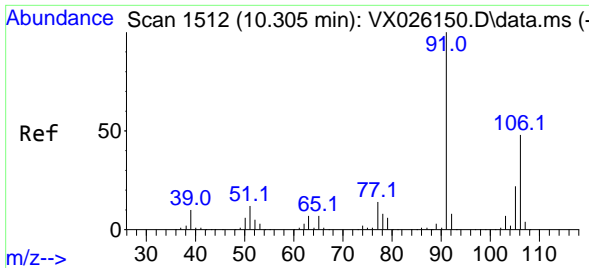
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.055 min Scan# 1471  
 Delta R.T. 0.000 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04



Tgt Ion:117 Resp: 223797  
 Ion Ratio Lower Upper  
 117 100  
 82 58.4 43.8 65.6  
 119 31.4 25.2 37.8







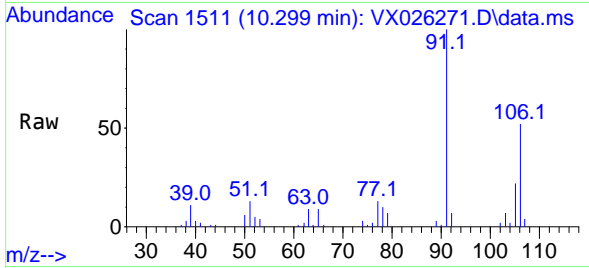
#68  
 m/p-Xylenes  
 Concen: 1.824 ug/l  
 RT: 10.299 min Scan# 1511  
 Delta R.T. -0.006 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04

Instrument :

MSVOA\_X

ClientSampleId :

20938



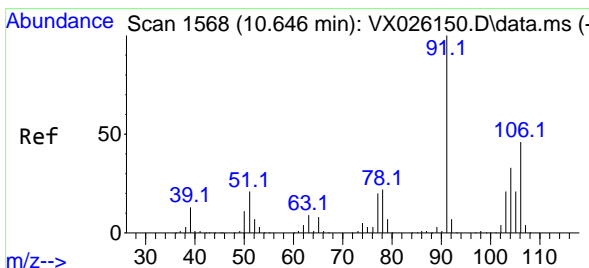
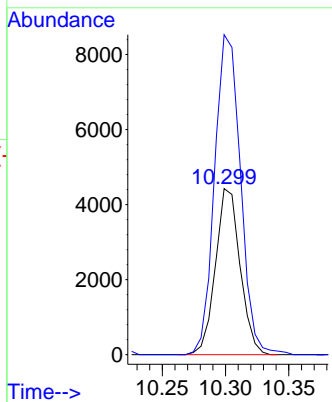
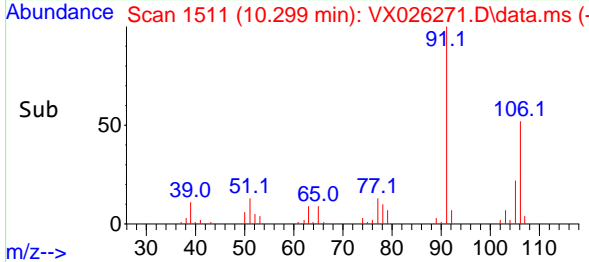
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Manual Integrations

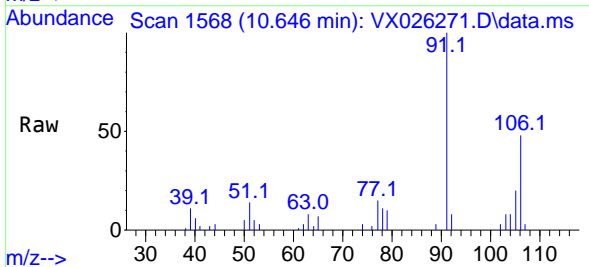
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Reviewed By :John Carlone 01/05/2022

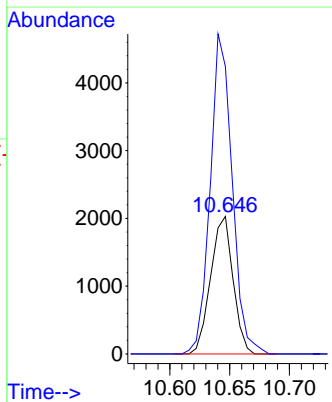
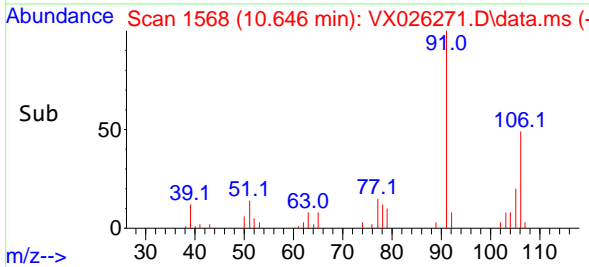
Supervised By :Mahesh Dadoda 01/05/2022

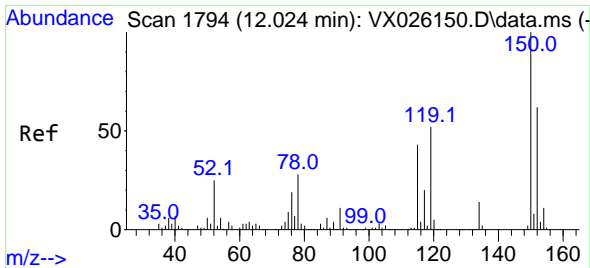


#69  
 o-Xylene  
 Concen: 0.821 ug/l m  
 RT: 10.646 min Scan# 1568  
 Delta R.T. 0.000 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04



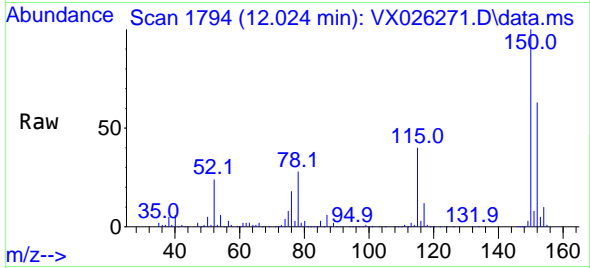
Tgt Ion:106 Resp: 2637  
 Ion Ratio Lower Upper  
 106 100  
 91 0.0 105.5 316.4#





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04

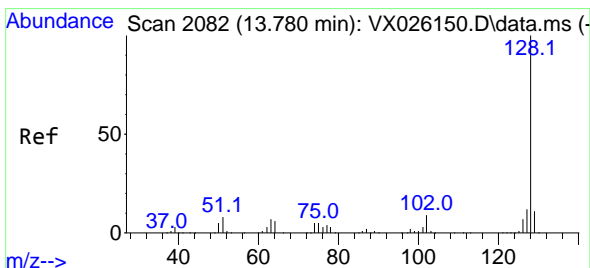
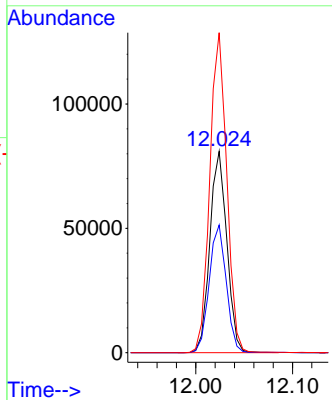
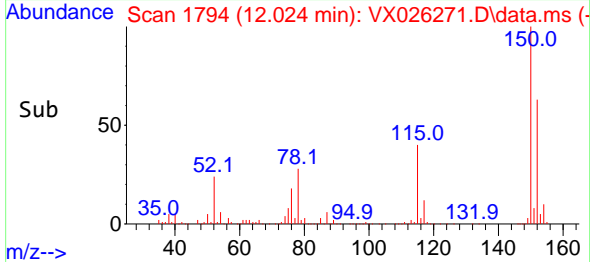
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 20938



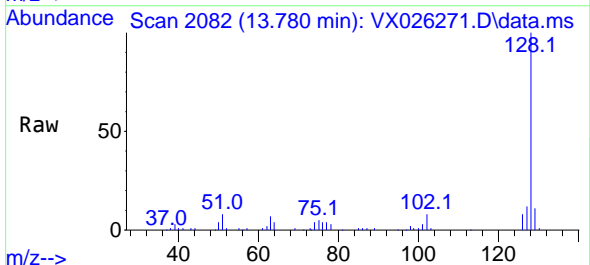
Tgt Ion:152 Resp: 9911  
 Ion Ratio Lower Upper  
 152 100  
 115 63.7 41.3 123.9  
 150 158.4 0.0 351.8

Manual Integrations  
**APPROVED**

Reviewed By :John Carlone 01/05/2022  
 Supervised By :Mahesh Dadoda 01/05/2022



#95  
 Naphthalene  
 Concen: 2.349 ug/l  
 RT: 13.780 min Scan# 2082  
 Delta R.T. -0.000 min  
 Lab File: VX026271.D  
 Acq: 04 Jan 2022 15:04



Tgt Ion:128 Resp: 17992  
 Ion Ratio Lower Upper  
 128 100  
 127 12.5 10.3 15.5  
 129 11.0 8.8 13.2

