

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046677.D
 Acq On : 13 Jun 2025 10:25
 Operator : JC/MD
 Sample : VX0613WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 06/16/2025

Supervised By :Mahesh
 Dadoda
 06/16/2025

Quant Time: Jun 13 23:01:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 06:20:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	17593	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	94872	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	87146	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	44259	31.078	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.600%			
60) 4-Bromofluorobenzene	11.079	95	43843	29.848	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.500%			
63) Toluene-d8	8.647	98	115874	29.768	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.233%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	22777	19.914	ug/l	99
3) Chloromethane	1.307	50	22632	19.205	ug/l	93
4) Vinyl Chloride	1.386	62	21208	18.667	ug/l	97
5) Bromomethane	1.630	94	12813	18.885	ug/l	93
6) Chloroethane	1.703	64	12656	19.390	ug/l	97
7) Trichlorofluoromethane	1.904	101	33940	20.857	ug/l	100
8) Diethyl Ether	2.148	74	11323	19.860	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	21463	19.824	ug/l	98
10) 1,1-Dichloroethene	2.337	96	20630	19.643	ug/l	95
11) Methyl Iodide	2.465	142	24245	16.933	ug/l	99
12) Methyl Acetate	2.715	43	23258	17.569	ug/l	97
13) Acrolein	2.246	56	24799	191.175	ug/l	98
14) Acrylonitrile	3.075	53	56604	104.048	ug/l	100
15) Acetone	2.392	58	14133	113.610	ug/l	82
16) Carbon Disulfide	2.526	76	56529	19.401	ug/l	99
17) Allyl chloride	2.678	41	36891	19.361	ug/l	91
18) Methylene Chloride	2.800	84	23625	20.383	ug/l	95
19) trans-1,2-Dichloroethene	3.105	96	22407	20.588	ug/l	94
20) Diisopropyl ether	3.770	45	76701	21.276	ug/l	88
21) 1,1-Dichloroethane	3.630	63	43176	20.903	ug/l	99
22) cis-1,2-Dichloroethene	4.507	96	26847	21.158	ug/l	98
23) tert-Butyl Alcohol	2.965	59	12725	115.812	ug/l #	100
24) Methyl tert-Butyl Ether	3.130	73	66490	20.725	ug/l	98
25) Chloroform	5.105	83	44840	21.091	ug/l	99
26) Cyclohexane	5.483	56	38696	20.533	ug/l #	99
29) 1,1-Dichloropropene	5.708	75	29546	19.794	ug/l	97
30) 2-Butanone	4.568	43	75613	113.685	ug/l	99
31) 2,2-Dichloropropane	4.489	77	31446	23.730	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	38082	20.647	ug/l	99
33) Carbon Tetrachloride	5.690	117	34605	21.141	ug/l	98
34) Benzene	6.044	78	91598	20.886	ug/l	97
35) Methacrylonitrile	4.922	41	17320m	21.236	ug/l	
36) 1,2-Dichloroethane	6.099	62	36651	22.089	ug/l	98
37) Trichloroethene	7.129	130	22565	20.505	ug/l	93
38) Methylcyclohexane	7.385	83	38800	20.478	ug/l	98
39) 1,2-Dichloropropane	7.434	63	22953	20.981	ug/l	95
40) Dibromomethane	7.586	93	16961	20.739	ug/l	97
41) Bromodichloromethane	7.824	83	35669	21.408	ug/l #	97
42) Vinyl Acetate	3.733	43	320274	111.595	ug/l	98

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Manual Integrations
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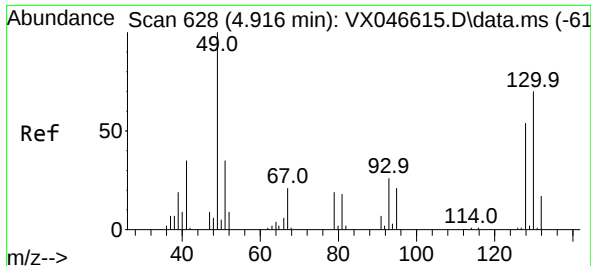
Reviewed By :John
 Carlone
 06/16/2025

Supervised By :Mahesh
 Dadoda
 06/16/2025

Quant Time: Jun 13 23:01:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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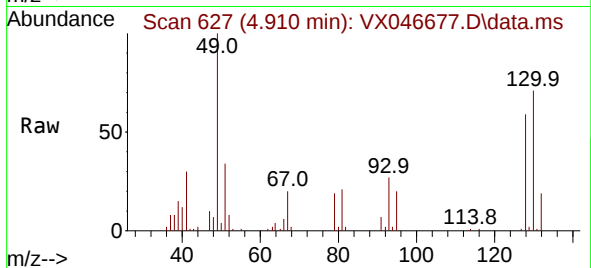
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	4.727	43	30100	21.364	ug/l	#	86
44) Isopropyl Acetate	6.349	43	49534	22.477	ug/l		100
45) 1,4-Dioxane	7.659	88	7079	509.251	ug/l	#	94
46) Methyl methacrylate	7.696	41	25591	21.268	ug/l		97
47) n-amyl Acetate	10.842	43	45371	23.017	ug/l		98
48) t-1,3-Dichloropropene	8.982	75	32035	21.448	ug/l		98
49) cis-1,3-Dichloropropene	8.366	75	36069	21.630	ug/l		95
50) 1,1,2-Trichloroethane	9.153	97	22615	21.941	ug/l		91
51) Ethyl methacrylate	9.116	69	33611	21.446	ug/l		98
52) 1,3-Dichloropropane	9.305	76	38797	21.610	ug/l		97
53) Dibromochloromethane	9.519	129	26391	21.723	ug/l		99
54) 1,2-Dibromoethane	9.610	107	23421	21.602	ug/l		98
55) 2-Chloroethyl vinyl ether	8.245	63	97418	119.019	ug/l		98
56) Bromoform	10.799	173	16781	22.351	ug/l		99
58) 4-Methyl-2-Pentanone	8.574	43	157087	110.818	ug/l		100
59) 2-Hexanone	9.427	43	110775	110.773	ug/l		98
61) Tetrachloroethene	9.269	164	18869	20.660	ug/l		97
62) Toluene	8.720	91	98083	20.768	ug/l		100
64) Chlorobenzene	10.080	112	63092	20.712	ug/l		99
65) 1,1,1,2-Tetrachloroethane	10.159	131	21571	21.130	ug/l		100
66) Ethyl Benzene	10.195	91	110168	20.430	ug/l		100
67) m/p-Xylenes	10.299	106	83886	42.056	ug/l		99
68) o-Xylene	10.640	106	40031	20.844	ug/l		97
69) Styrene	10.653	104	70016	21.270	ug/l		100
70) Isopropylbenzene	10.964	105	107313	20.822	ug/l		99
71) 1,1,2,2-Tetrachloroethane	11.207	83	32975	21.780	ug/l		96
72) 1,2,3-Trichloropropane	11.238	75	28082m	22.218	ug/l		
73) Bromobenzene	11.195	156	25496	21.104	ug/l		98
74) n-propylbenzene	11.305	91	130610	21.193	ug/l		100
75) 2-Chlorotoluene	11.360	91	79811	21.632	ug/l		100
76) 1,3,5-Trimethylbenzene	11.451	105	90986	21.248	ug/l		100
77) t-1,4-Dichloro-2-butene	11.018	75	9391	21.994	ug/l		96
78) 4-Chlorotoluene	11.451	91	92998	21.787	ug/l		100
79) tert-butylbenzene	11.713	119	90986	21.305	ug/l		98
80) 1,2,4-Trimethylbenzene	11.750	105	90779	21.465	ug/l		99
81) sec-Butylbenzene	11.890	105	116849	21.382	ug/l		99
82) p-Isopropyltoluene	12.006	119	96516	21.518	ug/l		99
83) 1,3-Dichlorobenzene	11.969	146	48878	21.735	ug/l		99
84) 1,4-Dichlorobenzene	12.043	146	49397	21.843	ug/l		99
85) n-Butylbenzene	12.329	91	93306	21.594	ug/l		99
86) Hexachloroethane	12.536	117	15988	20.524	ug/l		97
87) 1,2-Dichlorobenzene	12.335	146	47651	22.025	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	6875	22.014	ug/l		100
89) 1,2,4-Trichlorobenzene	13.585	180	31164	21.849	ug/l		99
90) Hexachlorobutadiene	13.725	225	13305	21.185	ug/l		97
91) Naphthalene	13.774	128	98193	21.699	ug/l		99
92) 1,2,3-Trichlorobenzene	13.963	180	30606	21.861	ug/l		99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

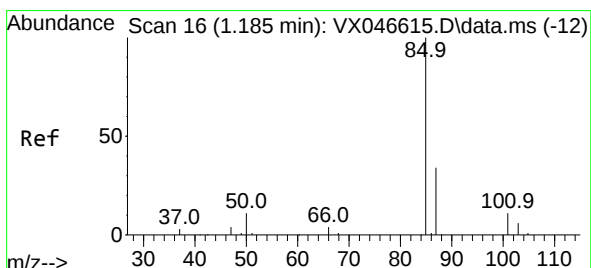
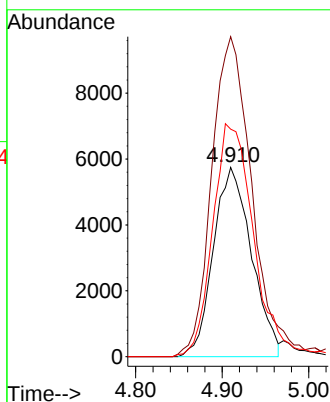
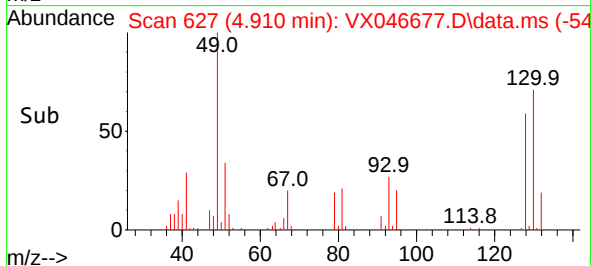


Tgt Ion:128 Resp: 1759
Ion Ratio Lower Upper
128 100
49 177.5 0.0 448.3
130 131.8 0.0 312.0

Manual Integrations
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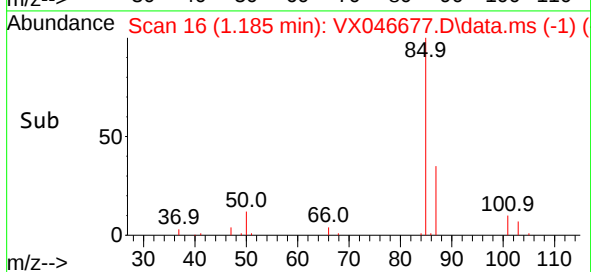
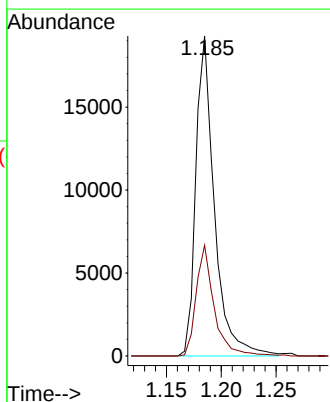
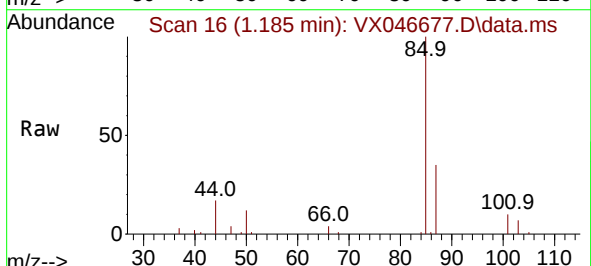
Reviewed By :John
Carlone
06/16/2025

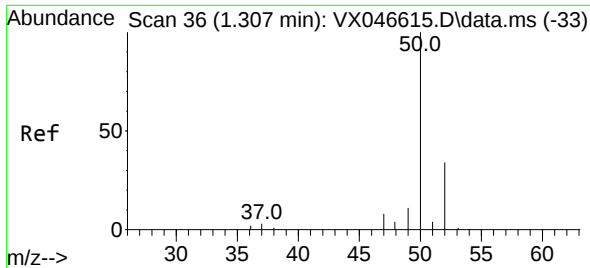
Supervised By :Mahesh
Dadoda
06/16/2025



#2
Dichlorodifluoromethane
Concen: 19.914 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

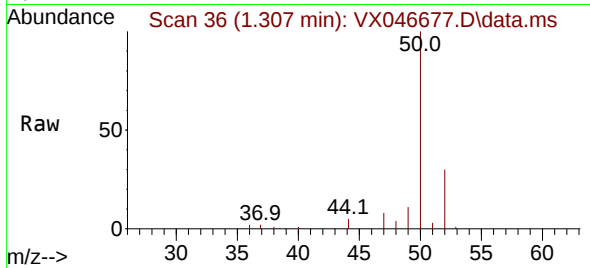
Tgt Ion: 85 Resp: 22777
Ion Ratio Lower Upper
85 100
87 34.6 17.1 51.3





#3
Chloromethane
Concen: 19.205 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

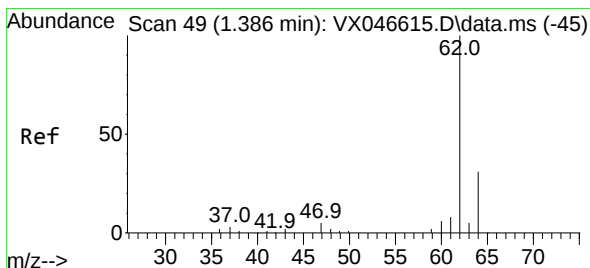
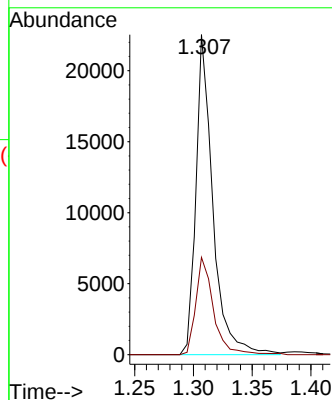
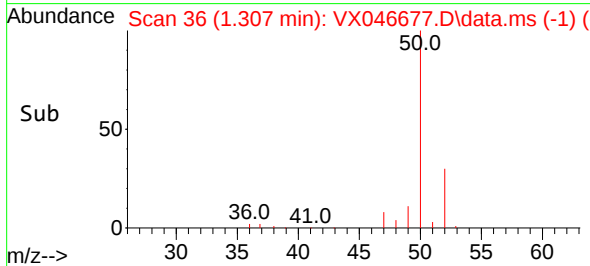


Tgt Ion: 50 Resp: 2263
Ion Ratio Lower Upper
50 100
52 30.4 27.4 41.2

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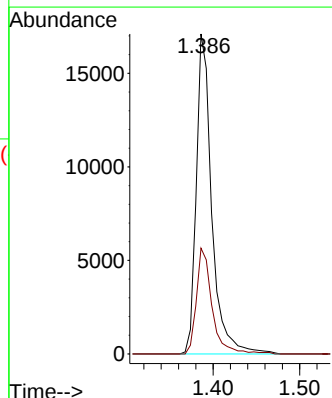
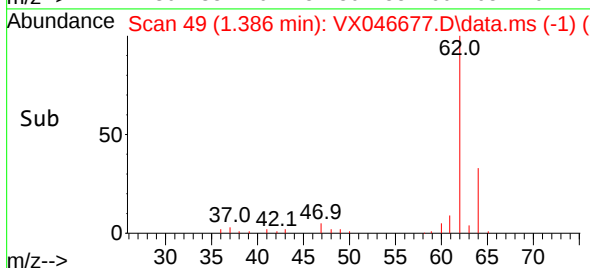
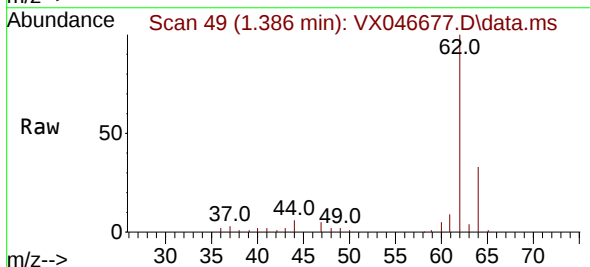
Reviewed By :John
Carlone
06/16/2025

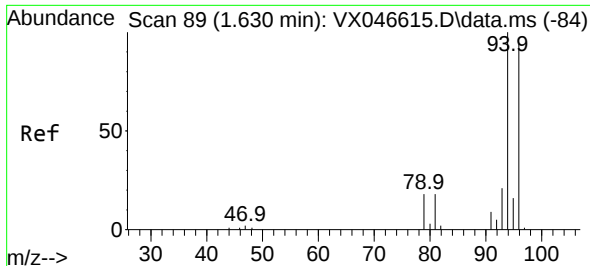
Supervised By :Mahesh
Dadoda
06/16/2025



#4
Vinyl Chloride
Concen: 18.667 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

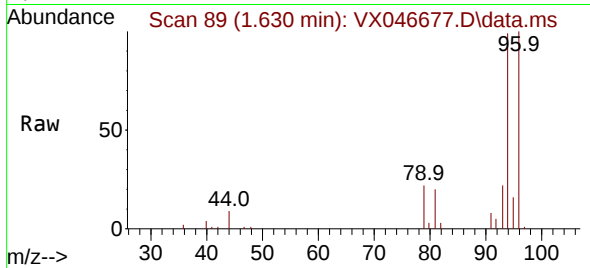
Tgt Ion: 62 Resp: 21208
Ion Ratio Lower Upper
62 100
64 33.0 25.2 37.8





#5
Bromomethane
Concen: 18.885 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

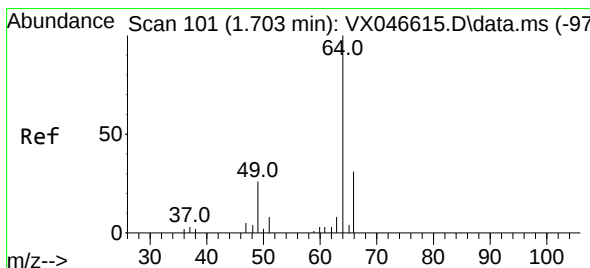
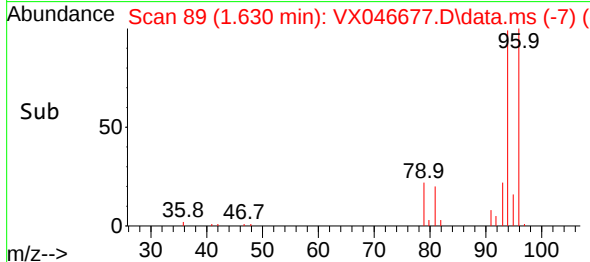
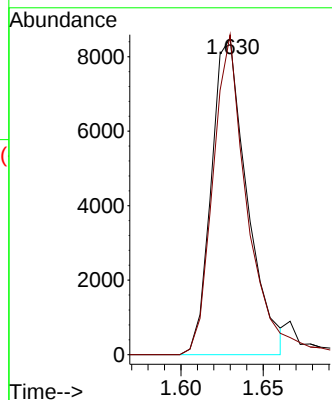


Tgt Ion: 94 Resp: 1281
Ion Ratio Lower Upper
94 100
96 101.2 75.5 113.3

Manual Integrations
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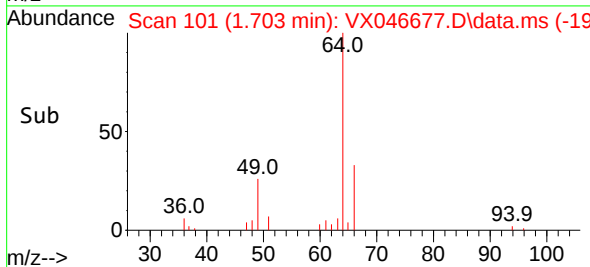
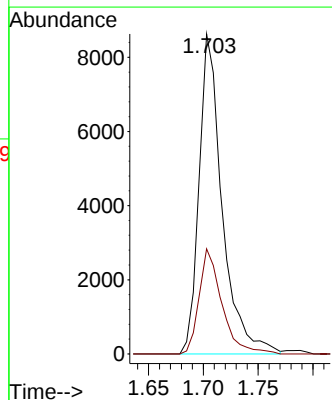
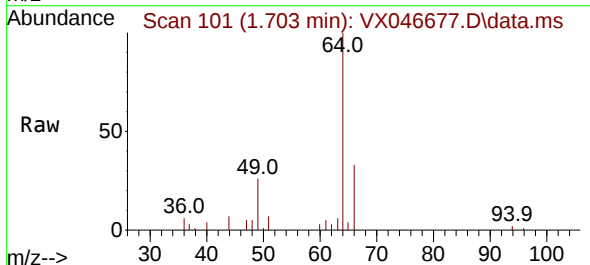
Reviewed By :John
Carlone
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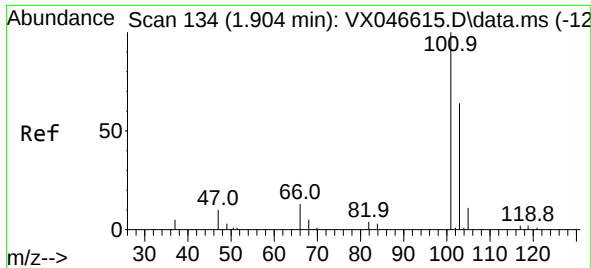
Supervised By :Mahesh
Dadoda
06/16/2025



#6
Chloroethane
Concen: 19.390 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

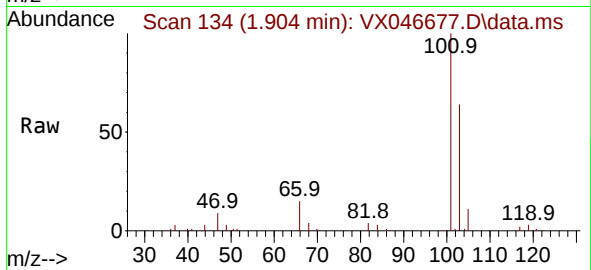
Tgt Ion: 64 Resp: 12656
Ion Ratio Lower Upper
64 100
66 32.8 25.0 37.6





#7
Trichlorofluoromethane
Concen: 20.857 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

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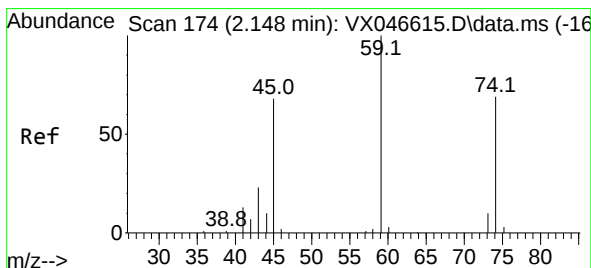
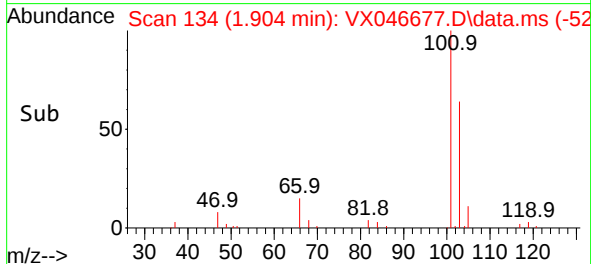
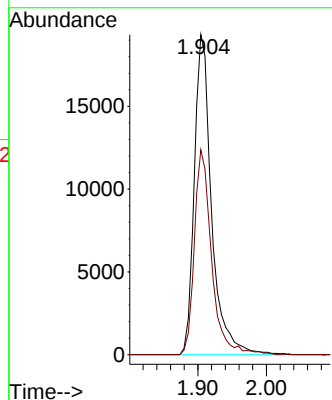


Tgt Ion:101 Resp: 33940
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3

Manual Integrations
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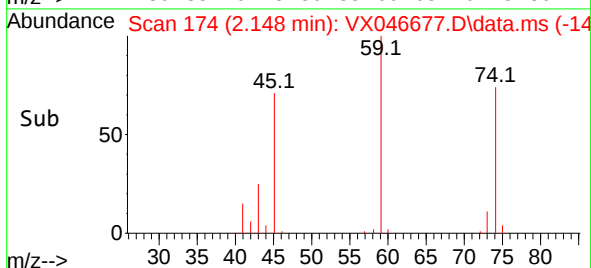
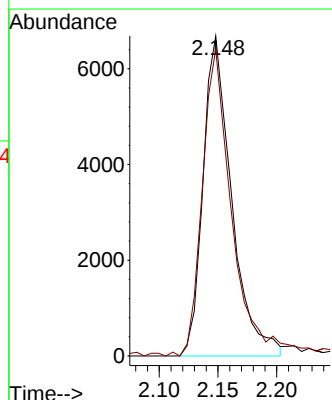
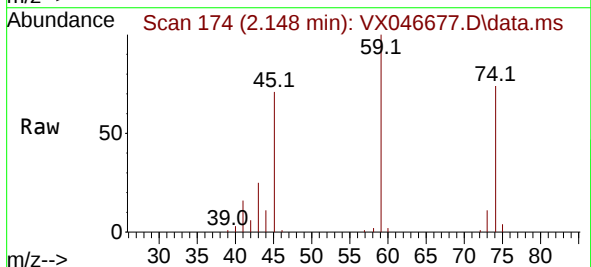
Reviewed By :John
Carlone
06/16/2025

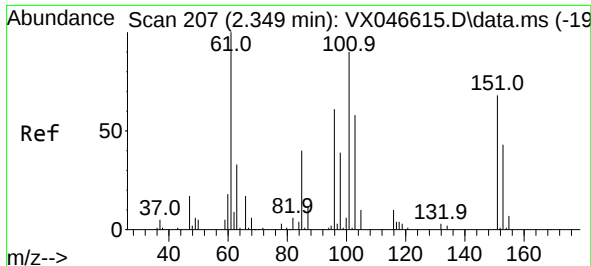
Supervised By :Mahesh
Dadoda
06/16/2025



#8
Diethyl Ether
Concen: 19.860 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Tgt Ion: 74 Resp: 11323
Ion Ratio Lower Upper
74 100
45 94.4 19.3 174.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.824 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

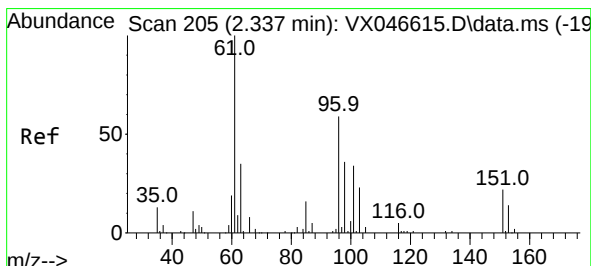
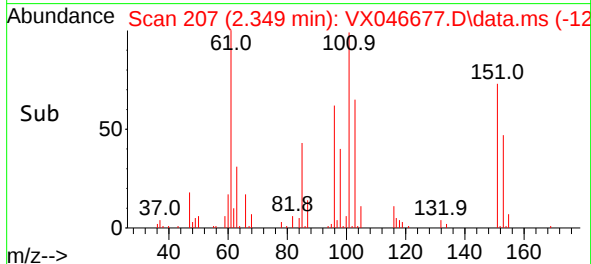
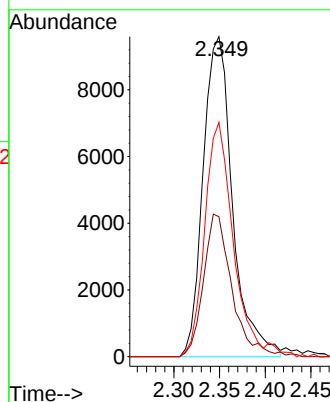
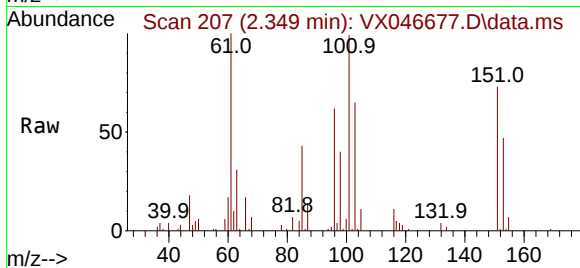
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tgt Ion:101 Resp: 2146
Ion Ratio Lower Upper
101 100
85 42.6 0.0 88.2
151 69.7 0.0 141.8

Manual Integrations
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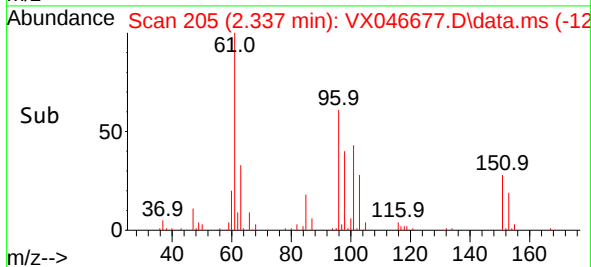
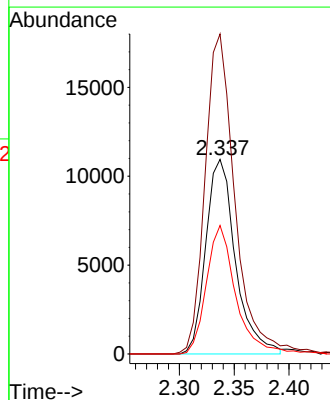
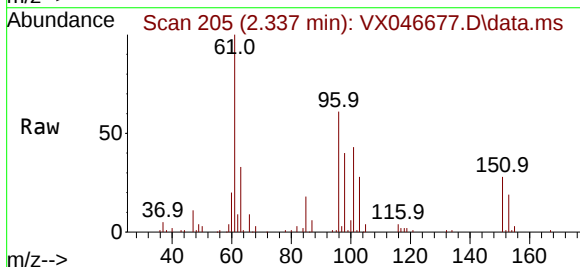
Reviewed By :John
Carlone
06/16/2025

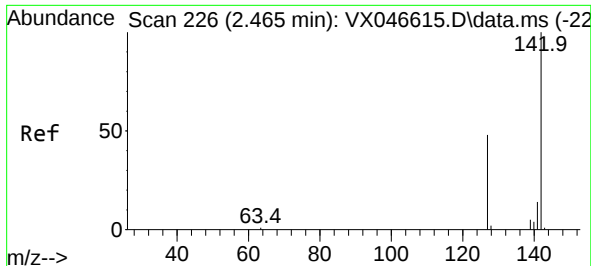
Supervised By :Mahesh
Dadoda
06/16/2025



#10
1,1-Dichloroethene
Concen: 19.643 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

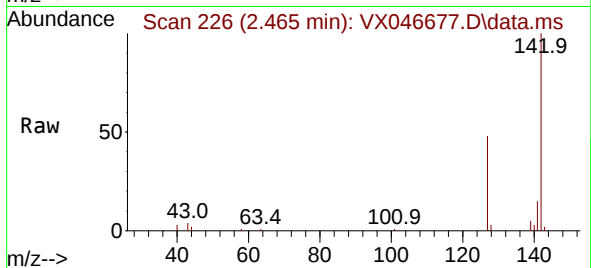
Tgt Ion: 96 Resp: 20630
Ion Ratio Lower Upper
96 100
61 163.6 135.1 202.7
98 66.1 49.0 73.4





#11
Methyl Iodide
Concen: 16.933 ug/l
RT: 2.465 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

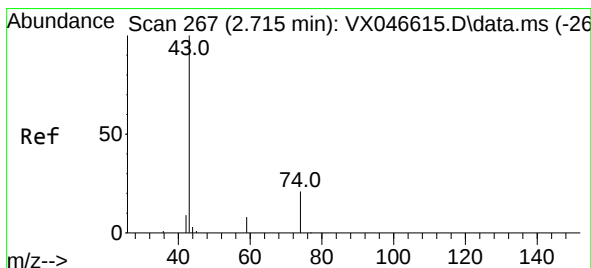
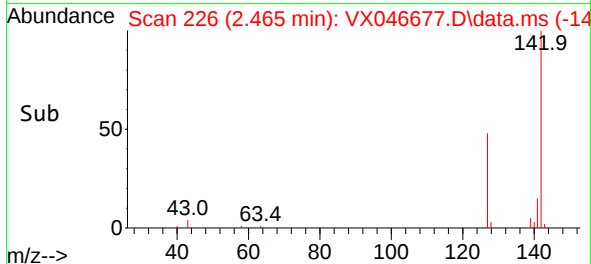
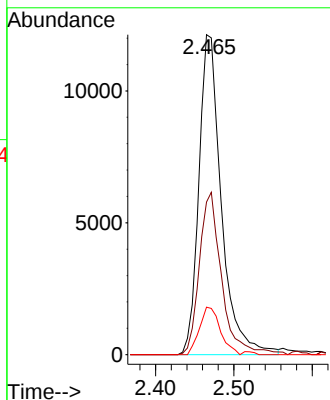


Tgt Ion:142 Resp: 24245
Ion Ratio Lower Upper
142 100
127 47.7 24.1 72.4
141 14.9 7.0 20.9

Manual Integrations
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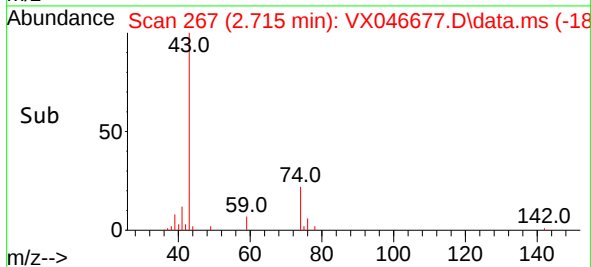
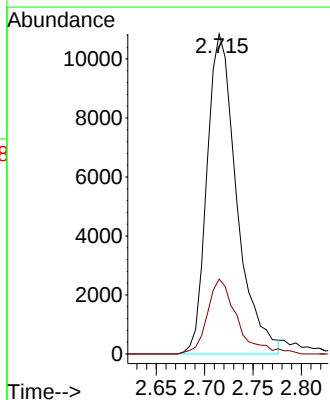
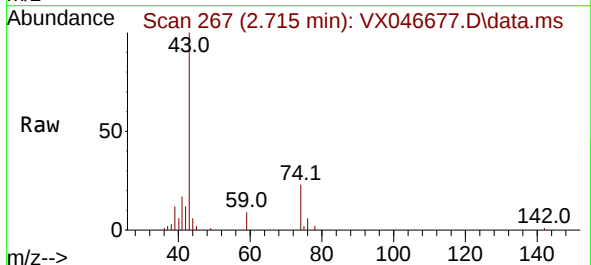
Reviewed By :John
Carlone
06/16/2025

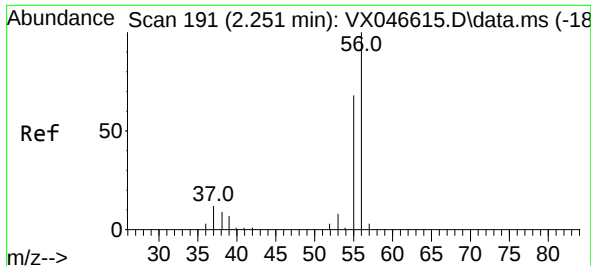
Supervised By :Mahesh
Dadoda
06/16/2025



#12
Methyl Acetate
Concen: 17.569 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

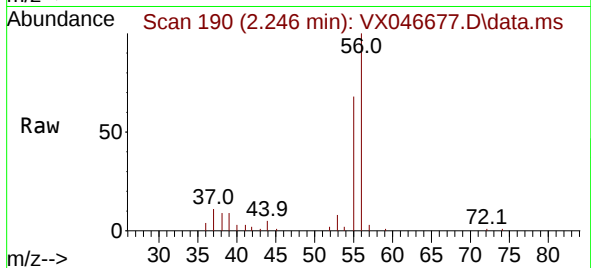
Tgt Ion: 43 Resp: 23258
Ion Ratio Lower Upper
43 100
74 23.1 17.2 25.8





#13
Acrolein
Concen: 191.175 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

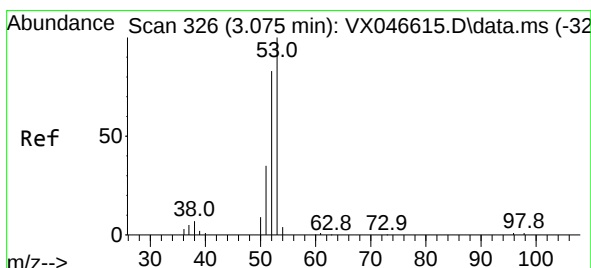
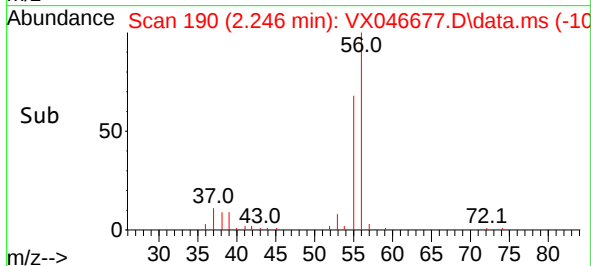
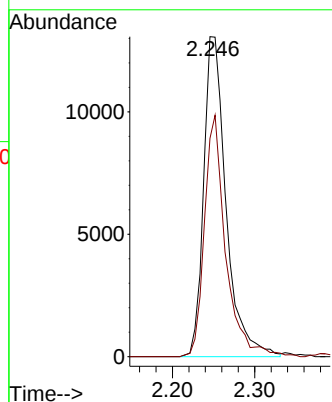


Tgt Ion: 56 Resp: 24799
Ion Ratio Lower Upper
56 100
55 68.6 56.0 84.0

Manual Integrations
APPROVED

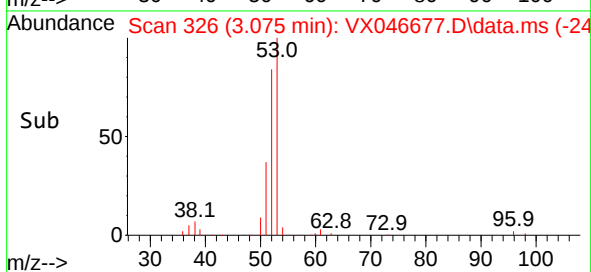
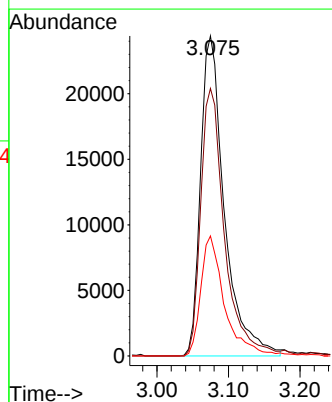
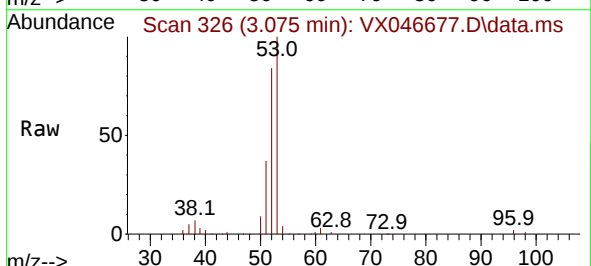
Reviewed By :John
Carlone
06/16/2025

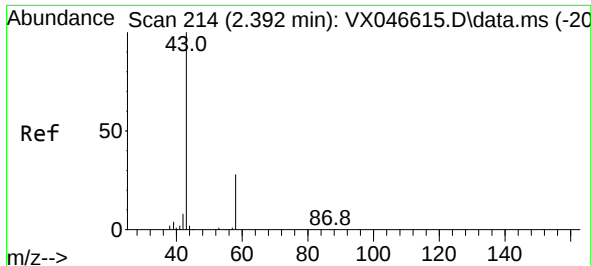
Supervised By :Mahesh
Dadoda
06/16/2025



#14
Acrylonitrile
Concen: 104.048 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

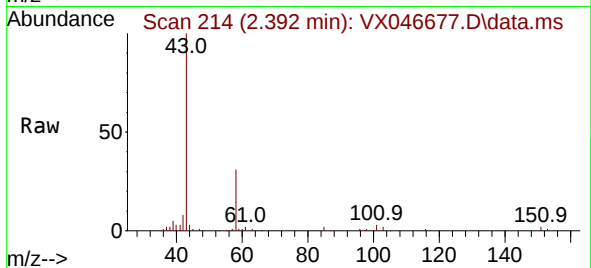
Tgt Ion: 53 Resp: 56604
Ion Ratio Lower Upper
53 100
52 82.7 41.3 123.7
51 37.7 18.6 55.8





#15
Acetone
Concen: 113.610 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

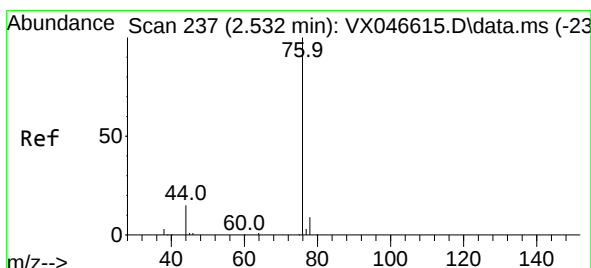
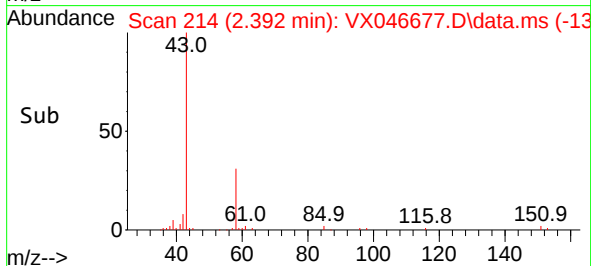
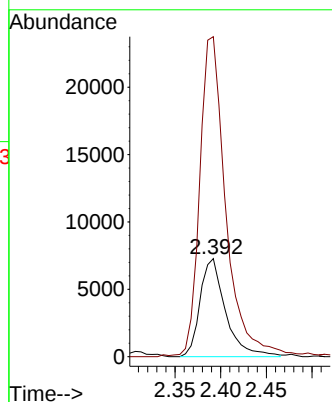


Tgt Ion: 58 Resp: 1413
Ion Ratio Lower Upper
58 100
43 324.0 290.6 435.8

Manual Integrations
APPROVED

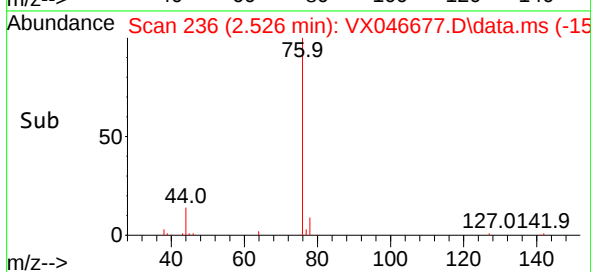
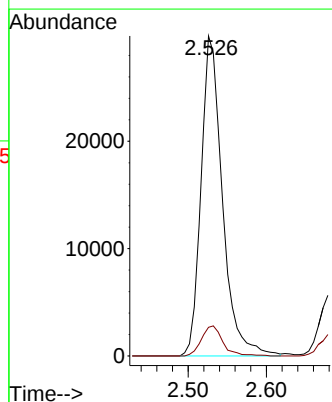
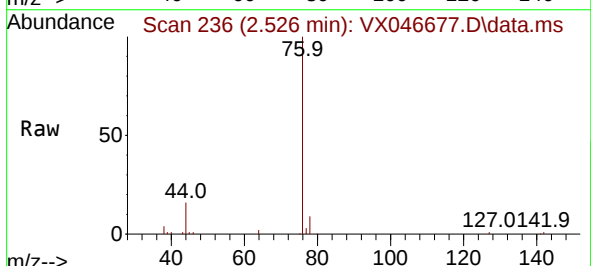
Reviewed By :John
Carlone
06/16/2025

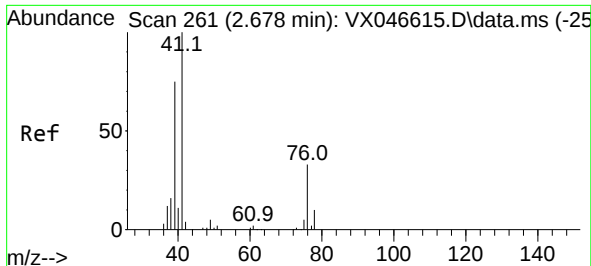
Supervised By :Mahesh
Dadoda
06/16/2025



#16
Carbon Disulfide
Concen: 19.401 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Tgt Ion: 76 Resp: 56529
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





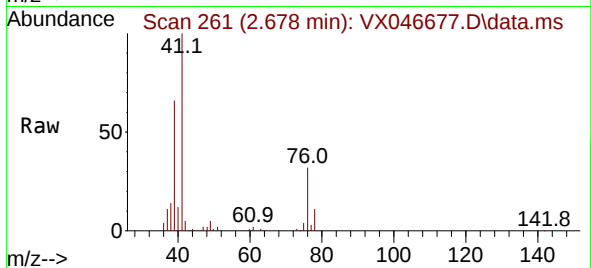
#17
 Allyl chloride
 Concen: 19.361 ug/l
 RT: 2.678 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX046677.D
 Acq: 13 Jun 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01



Tgt Ion: 41 Resp: 3689
 Ion Ratio Lower Upper
 41 100
 39 65.9 37.5 112.3
 76 31.7 17.4 52.3

Manual Integrations
 APPROVED

Reviewed By :John

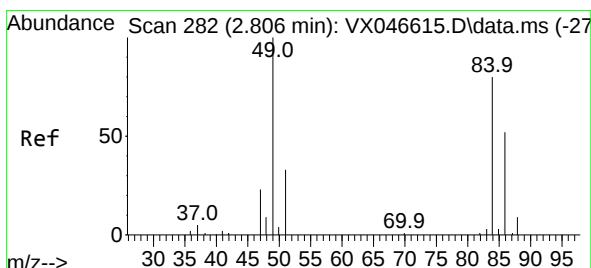
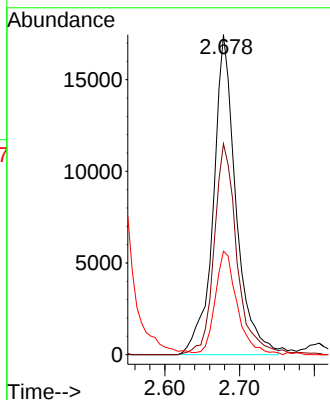
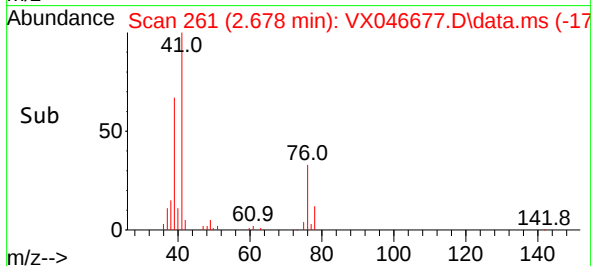
Carlone

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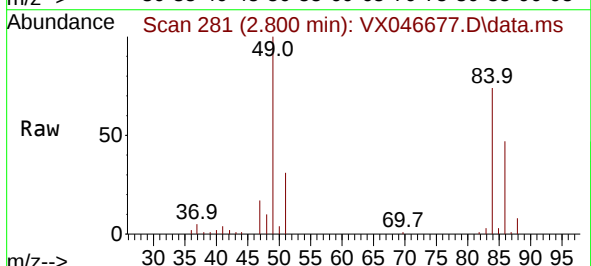
Supervised By :Mahesh

Dadoda

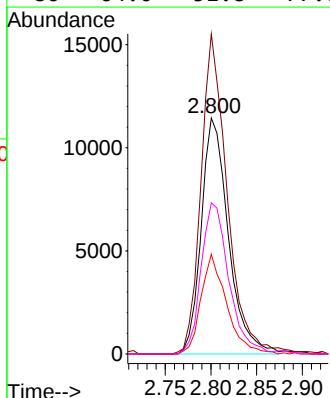
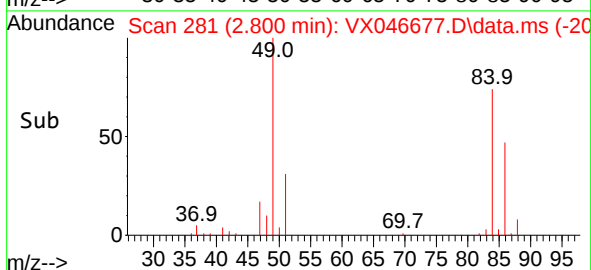
06/16/2025

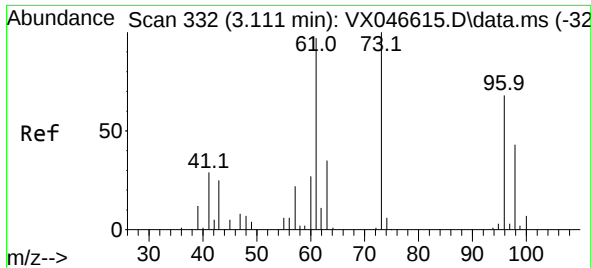


#18
 Methylene Chloride
 Concen: 20.383 ug/l
 RT: 2.800 min Scan# 281
 Delta R.T. -0.006 min
 Lab File: VX046677.D
 Acq: 13 Jun 2025 10:25



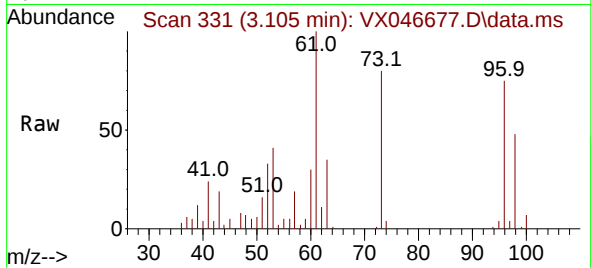
Tgt Ion: 84 Resp: 23625
 Ion Ratio Lower Upper
 84 100
 49 134.7 100.1 150.1
 51 42.2 33.0 49.4
 86 64.0 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 20.588 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

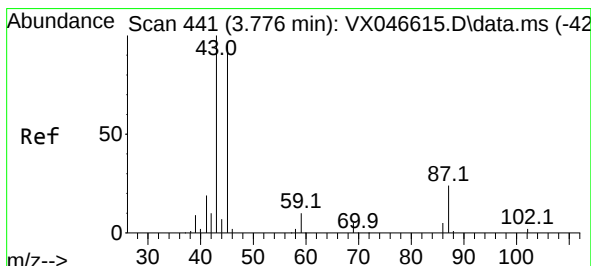
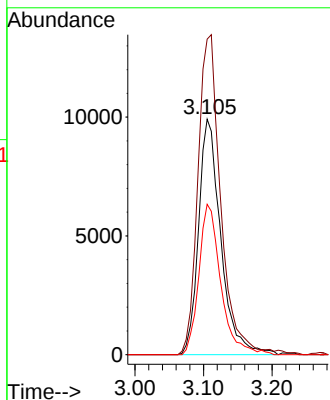
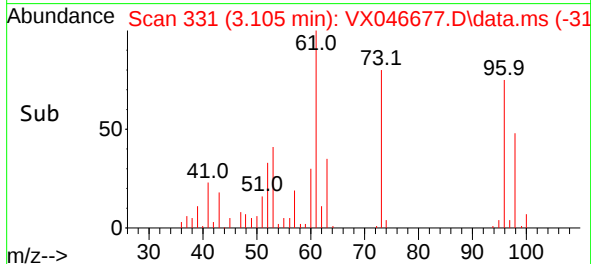


Tgt Ion: 96 Resp: 2240
Ion Ratio Lower Upper
96 100
61 133.9 114.5 171.7
98 63.8 50.2 75.4

Manual Integrations
APPROVED

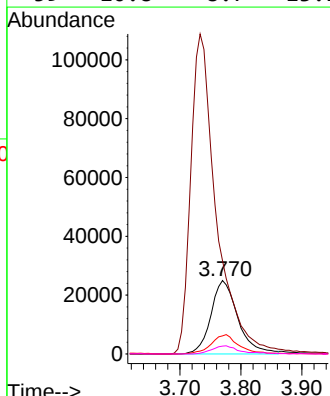
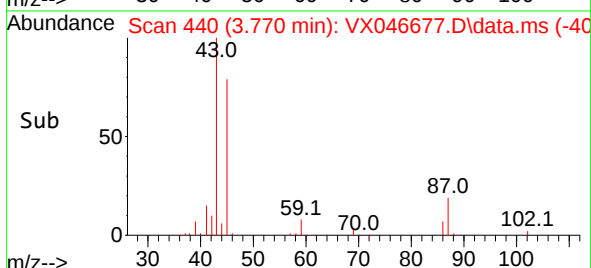
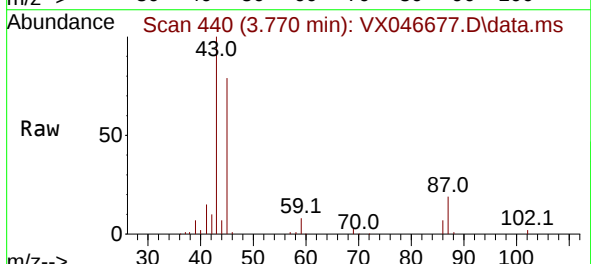
Reviewed By :John
Carlone
06/16/2025

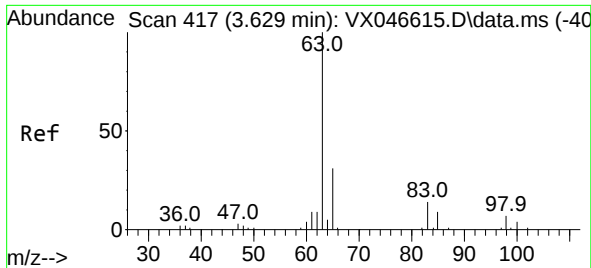
Supervised By :Mahesh
Dadoda
06/16/2025



#20
Diisopropyl ether
Concen: 21.276 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

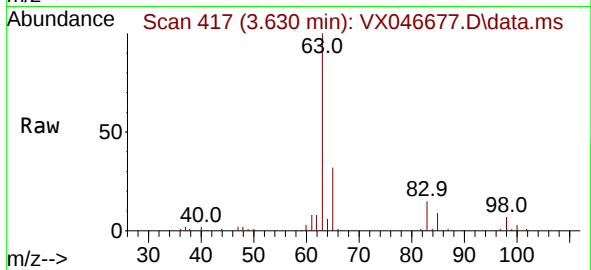
Tgt Ion: 45 Resp: 76701
Ion Ratio Lower Upper
45 100
43 120.5 83.2 124.8
87 24.7 20.2 30.4
59 10.8 8.7 13.1





#21
1,1-Dichloroethane
Concen: 20.903 ug/l
RT: 3.630 min Scan# 417
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

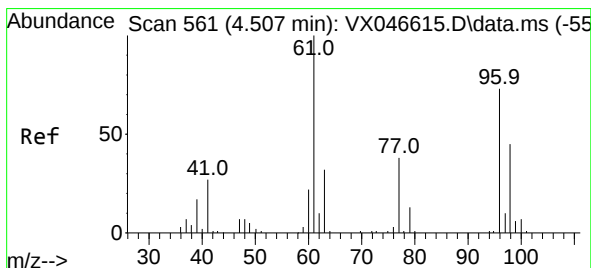
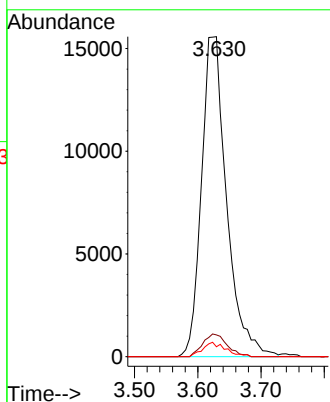
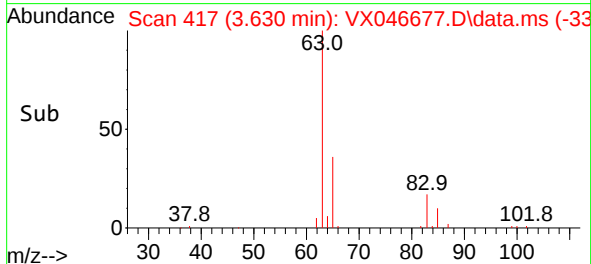


Tgt Ion: 63 Resp: 43170
Ion Ratio Lower Upper
63 100
98 6.8 3.6 10.8
100 3.1 1.8 5.5

Manual Integrations
APPROVED

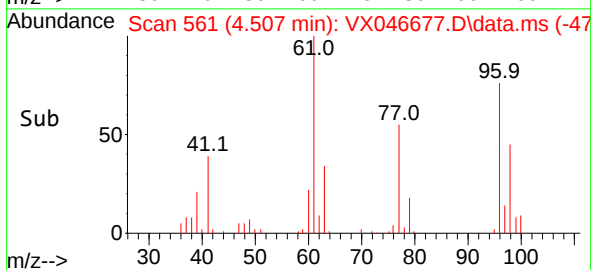
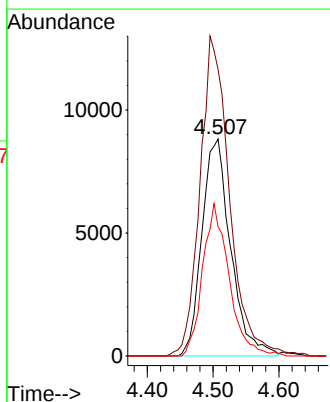
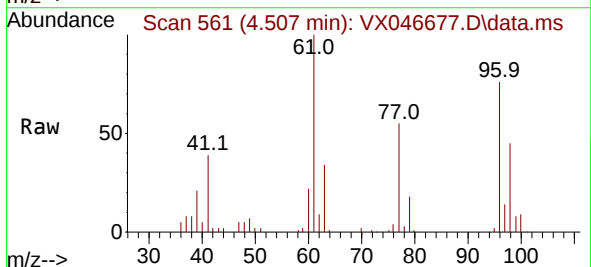
Reviewed By :John
Carlone
06/16/2025

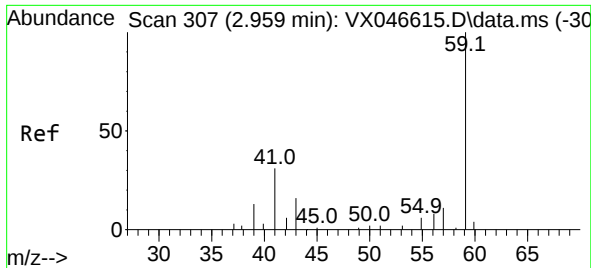
Supervised By :Mahesh
Dadoda
06/16/2025



#22
cis-1,2-Dichloroethene
Concen: 21.158 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Tgt Ion: 96 Resp: 26847
Ion Ratio Lower Upper
96 100
61 150.6 118.6 177.8
98 64.1 49.6 74.4





#23
tert-Butyl Alcohol
Concen: 115.812 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

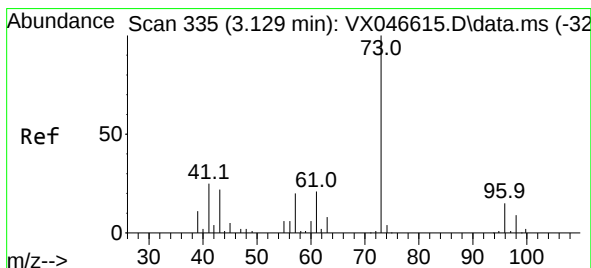
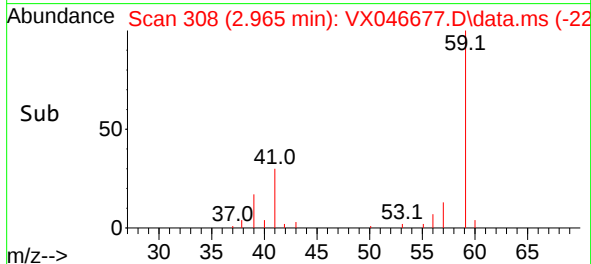
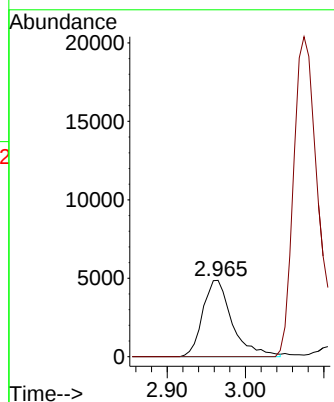
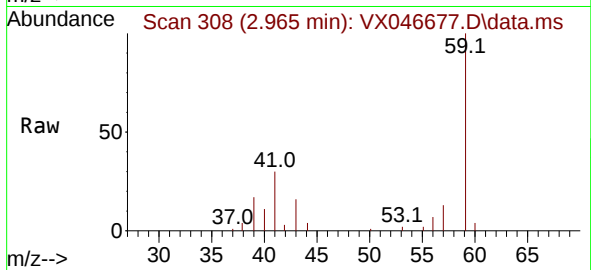
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tgt Ion: 59 Resp: 12725
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

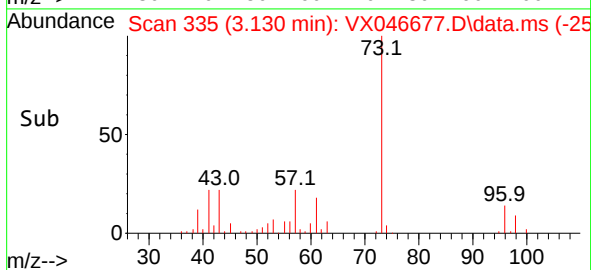
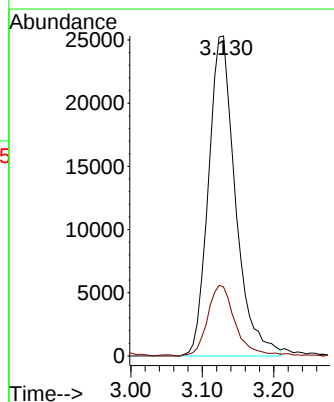
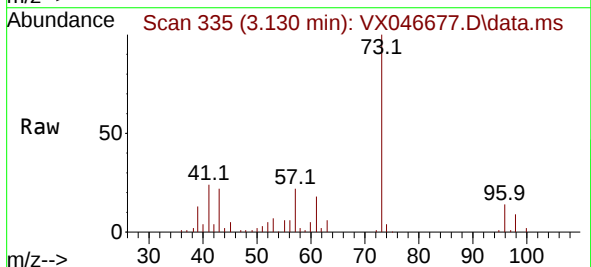
Reviewed By :John
Carlone
06/16/2025

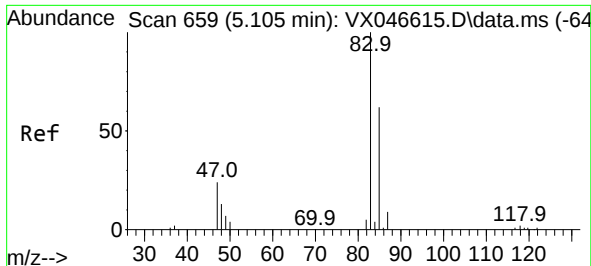
Supervised By :Mahesh
Dadoda
06/16/2025



#24
Methyl tert-Butyl Ether
Concen: 20.725 ug/l
RT: 3.130 min Scan# 335
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Tgt Ion: 73 Resp: 66490
Ion Ratio Lower Upper
73 100
43 22.2 18.4 27.6





#25
Chloroform
Concen: 21.091 ug/l
RT: 5.105 min Scan# 613
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

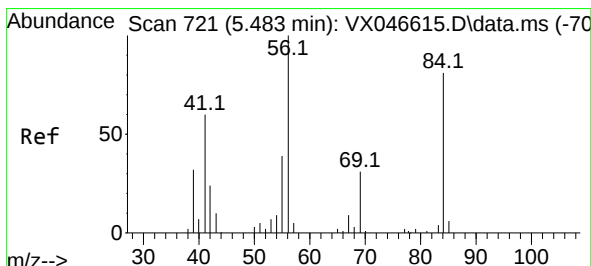
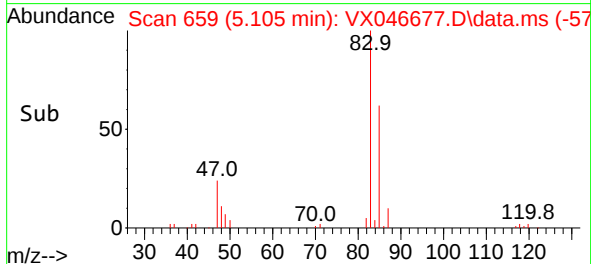
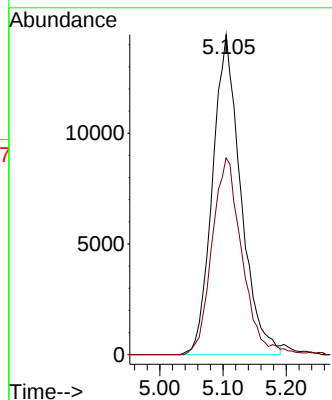
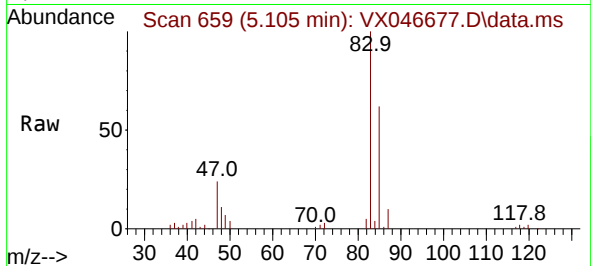
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tgt Ion: 83 Resp: 44840
Ion Ratio Lower Upper
83 100
85 61.5 49.8 74.6

Manual Integrations
APPROVED

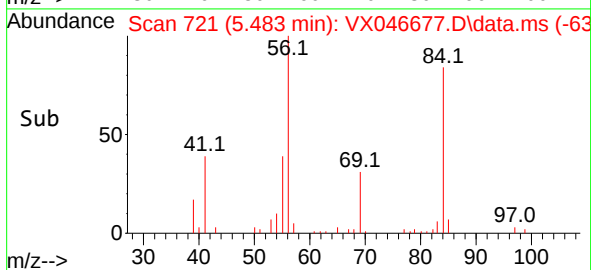
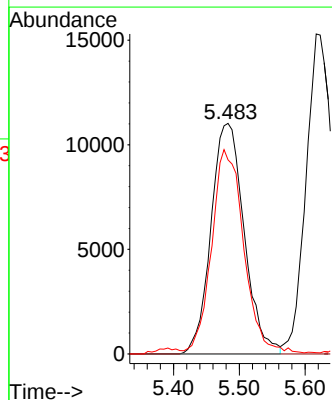
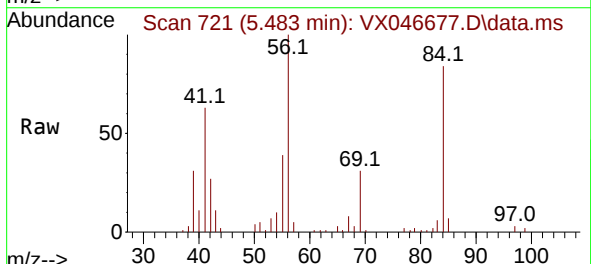
Reviewed By :John
Carlone
06/16/2025

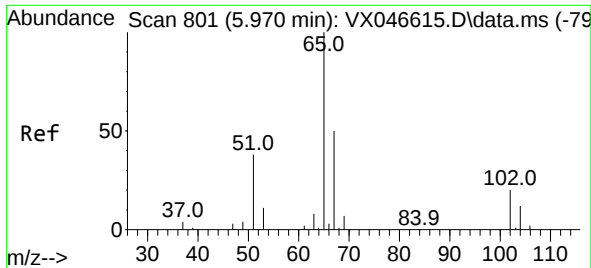
Supervised By :Mahesh
Dadoda
06/16/2025



#26
Cyclohexane
Concen: 20.533 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Tgt Ion: 56 Resp: 38696
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.3 67.4 101.0





#27
1,2-Dichloroethane-d4
Concen: 31.078 ug/l
RT: 5.964 min Scan# 801
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tgt Ion: 65 Resp: 44259
Ion Ratio Lower Upper
65 100
67 51.0 41.4 62.2

Manual Integrations
APPROVED

Reviewed By :John

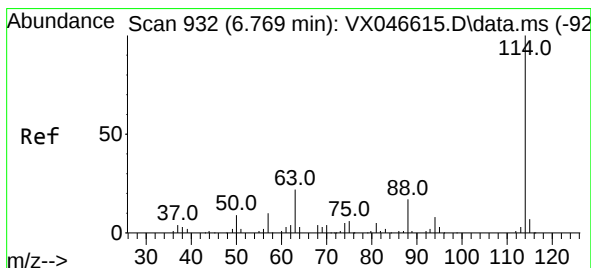
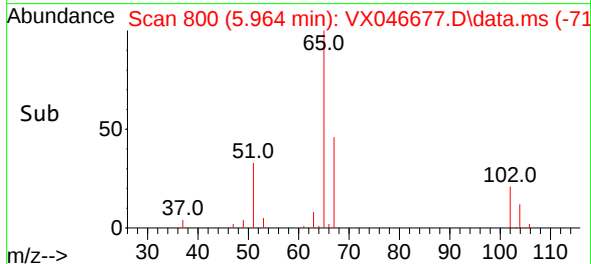
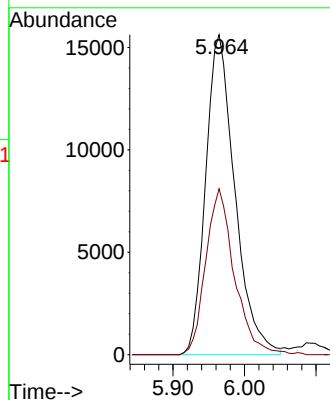
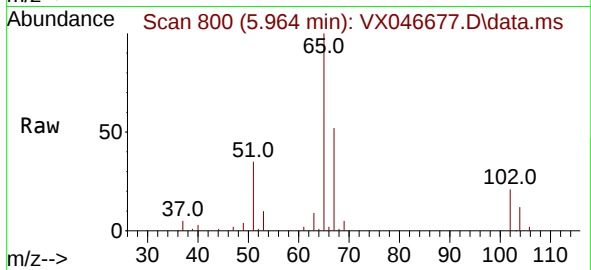
Carlone

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Supervised By :Mahesh

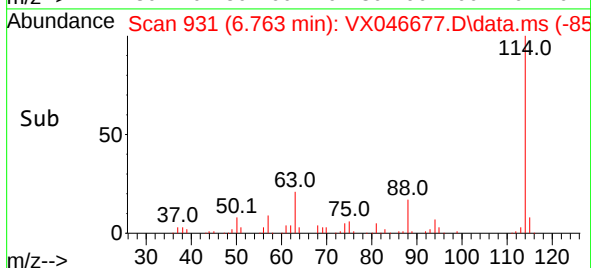
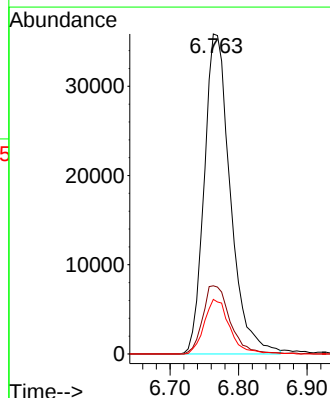
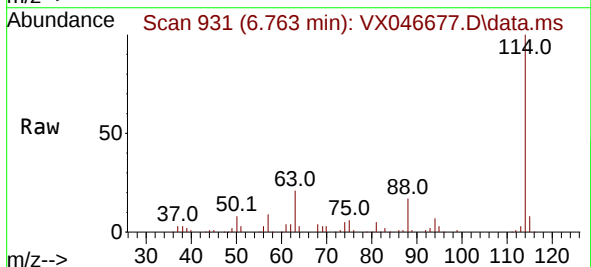
Dadoda

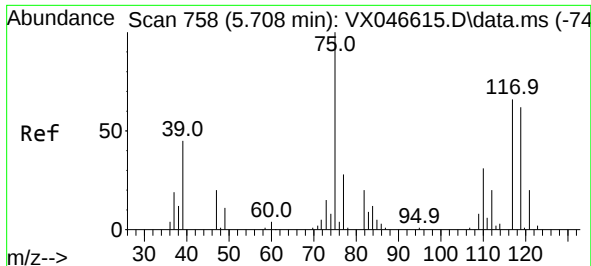
06/16/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

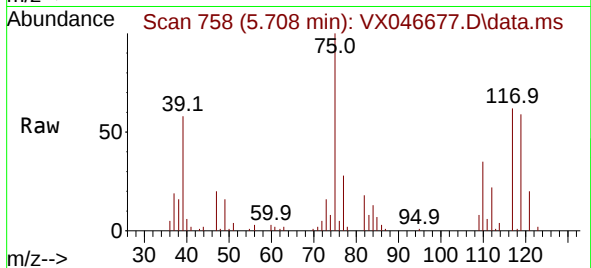
Tgt Ion:114 Resp: 94872
Ion Ratio Lower Upper
114 100
63 22.3 18.1 27.1
88 16.6 14.1 21.1





#29
1,1-Dichloropropene
Concen: 19.794 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

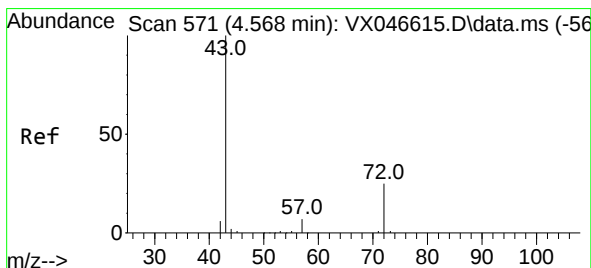
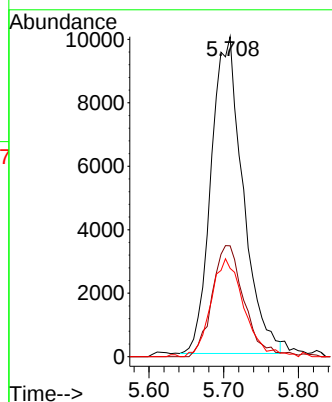


Tgt Ion: 75 Resp: 29540
Ion Ratio Lower Upper
75 100
110 35.0 0.0 65.4
77 31.0 0.0 59.8

Manual Integrations
APPROVED

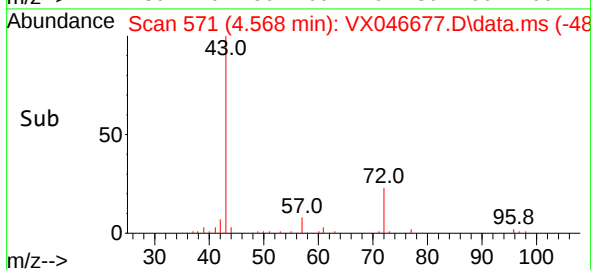
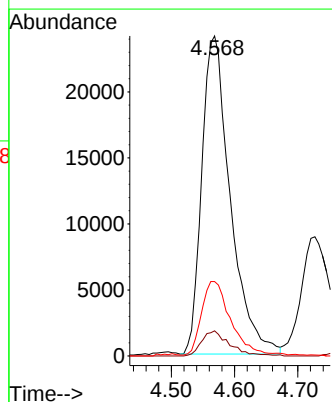
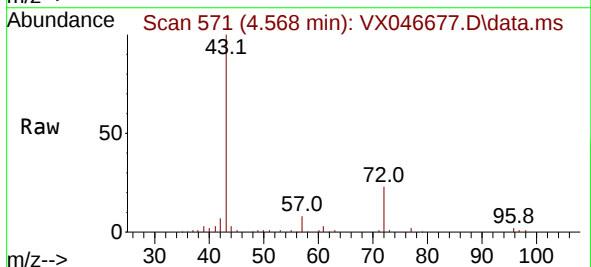
Reviewed By :John
Carlone
06/16/2025

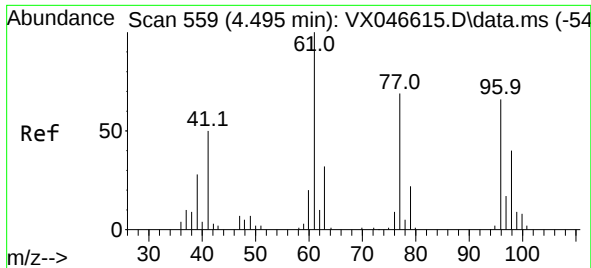
Supervised By :Mahesh
Dadoda
06/16/2025



#30
2-Butanone
Concen: 113.685 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

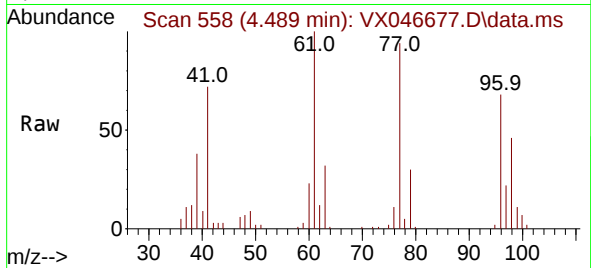
Tgt Ion: 43 Resp: 75613
Ion Ratio Lower Upper
43 100
57 7.3 5.8 8.6
72 23.6 19.4 29.2





#31
2,2-Dichloropropane
Concen: 23.730 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

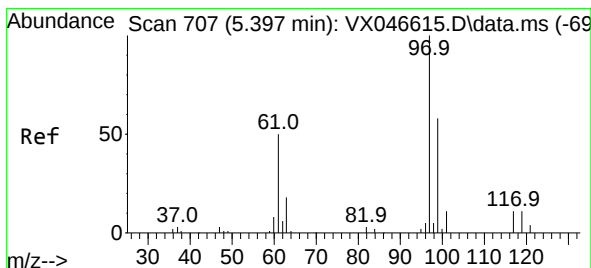
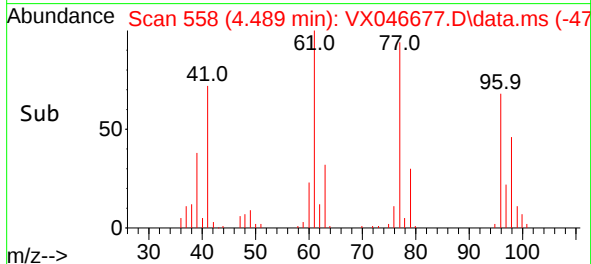
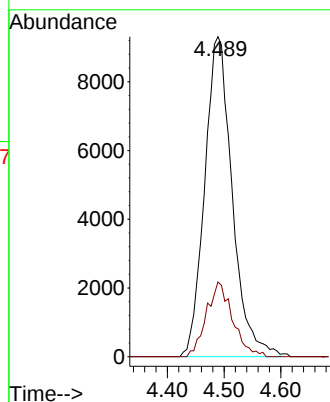


Tgt Ion: 77 Resp: 3144
Ion Ratio Lower Upper
77 100
97 22.2 18.6 27.8

Manual Integrations
APPROVED

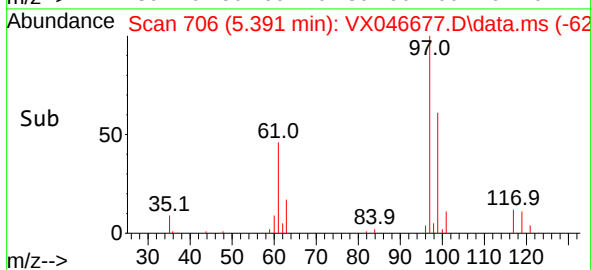
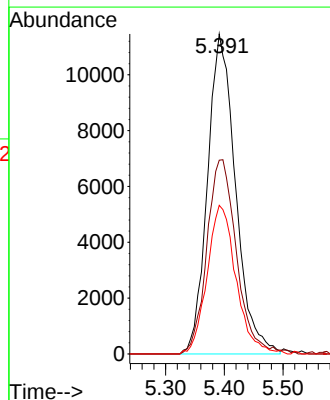
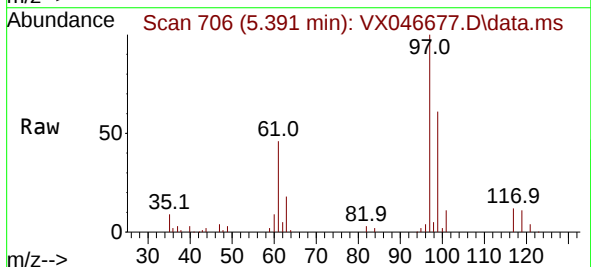
Reviewed By :John
Carlone
06/16/2025

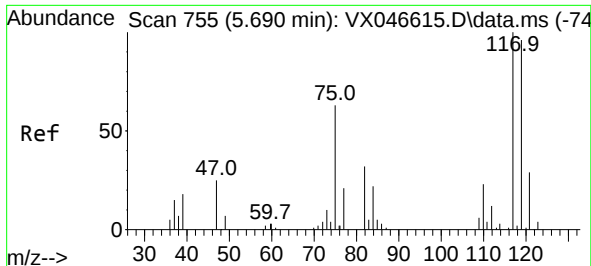
Supervised By :Mahesh
Dadoda
06/16/2025



#32
1,1,1-Trichloroethane
Concen: 20.647 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

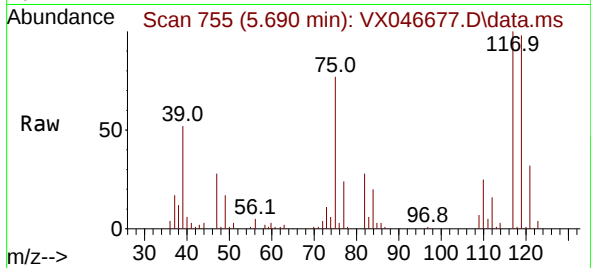
Tgt Ion: 97 Resp: 38082
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 47.7 39.5 59.3





#33
Carbon Tetrachloride
Concen: 21.141 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

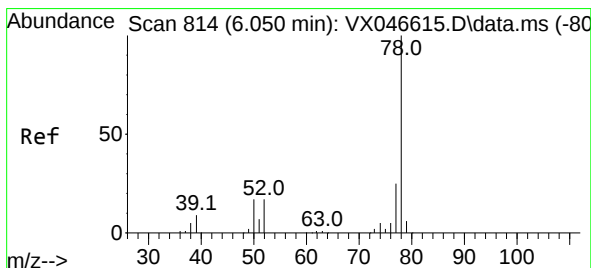
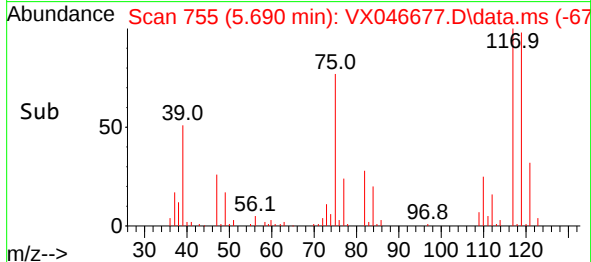
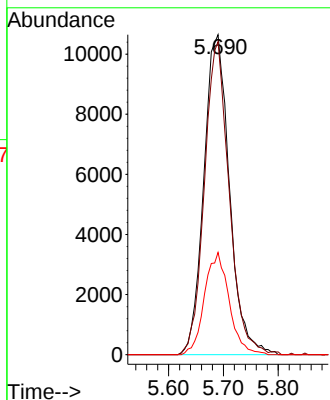


Tgt Ion:117 Resp: 3460
Ion Ratio Lower Upper
117 100
119 97.8 77.1 115.7
121 32.0 23.2 34.8

Manual Integrations
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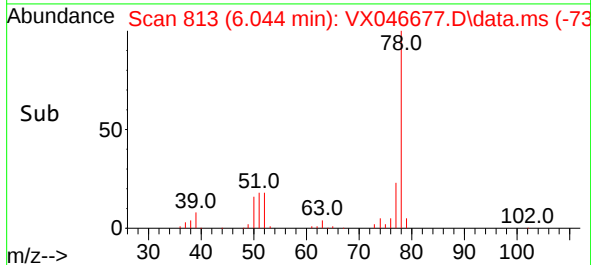
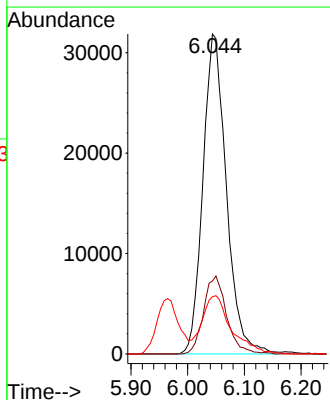
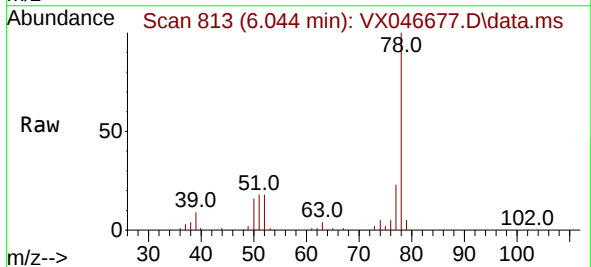
Reviewed By :John
Carlone
06/16/2025

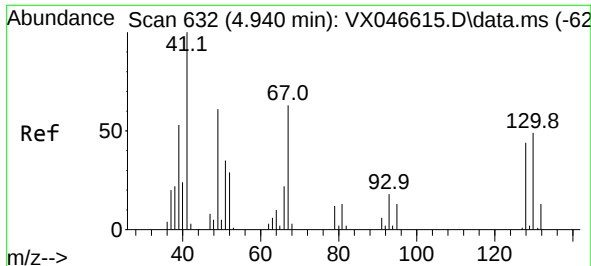
Supervised By :Mahesh
Dadoda
06/16/2025



#34
Benzene
Concen: 20.886 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

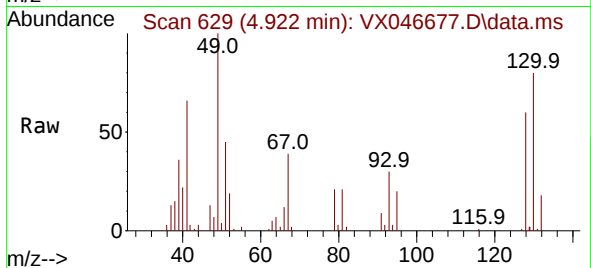
Tgt Ion: 78 Resp: 91598
Ion Ratio Lower Upper
78 100
77 22.8 19.8 29.8
51 17.5 14.7 22.1





#35
Methacrylonitrile
Concen: 21.236 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

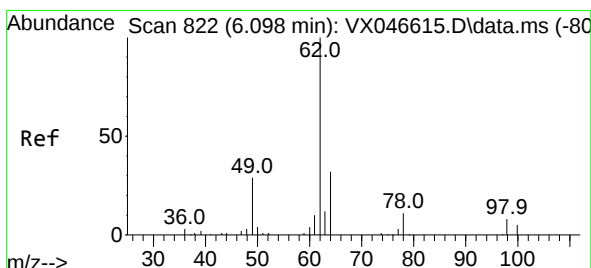
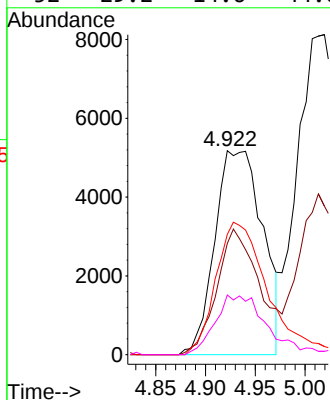
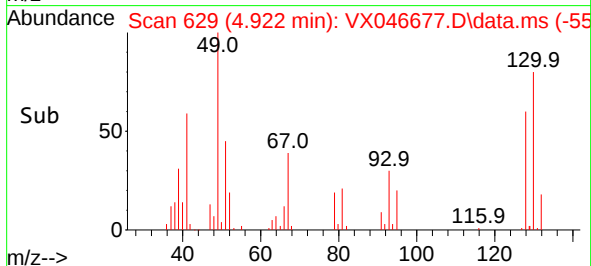


Tgt Ion: 41 Resp: 17320
Ion Ratio Lower Upper
41 100
39 54.5 26.4 79.2
67 59.0 31.4 94.3
52 29.2 14.6 44.0

Manual Integrations
APPROVED

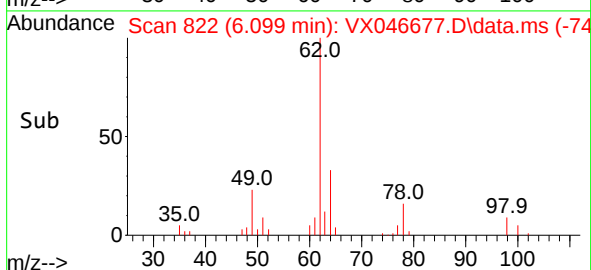
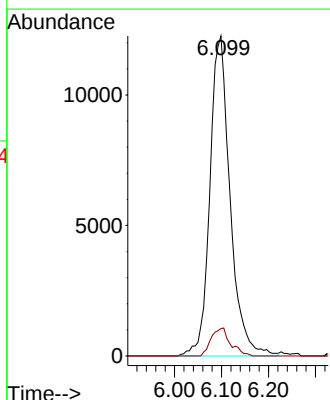
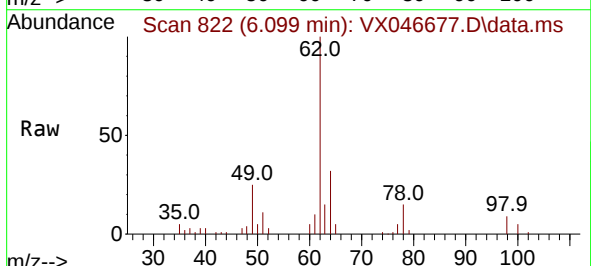
Reviewed By :John
Carlone
06/16/2025

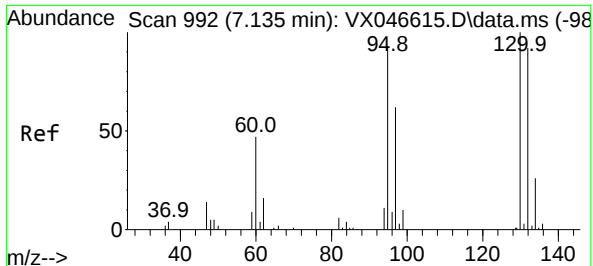
Supervised By :Mahesh
Dadoda
06/16/2025



#36
1,2-Dichloroethane
Concen: 22.089 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

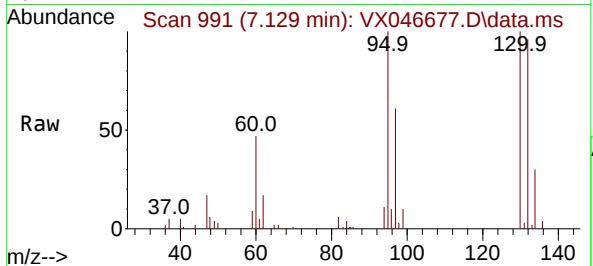
Tgt Ion: 62 Resp: 36651
Ion Ratio Lower Upper
62 100
98 7.2 6.5 9.7





#37
Trichloroethene
Concen: 20.505 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

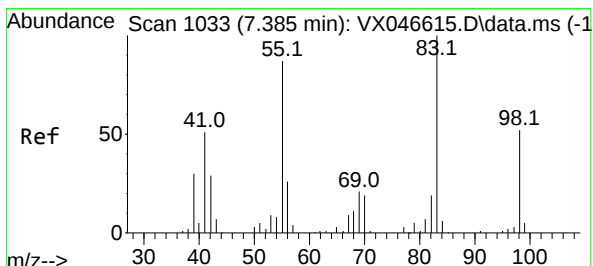
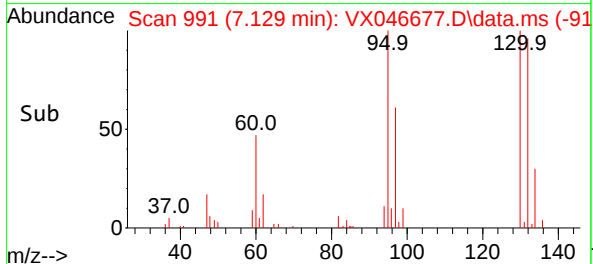
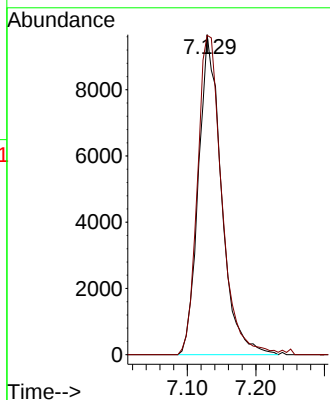


Tgt Ion:130 Resp: 2256
Ion Ratio Lower Upper
130 100
95 99.8 74.7 112.1

Manual Integrations
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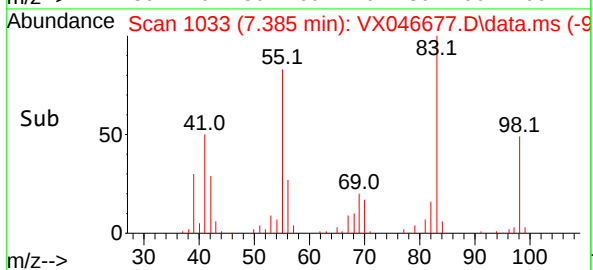
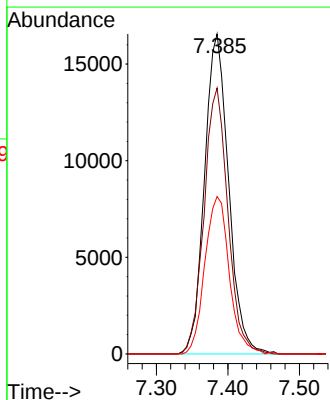
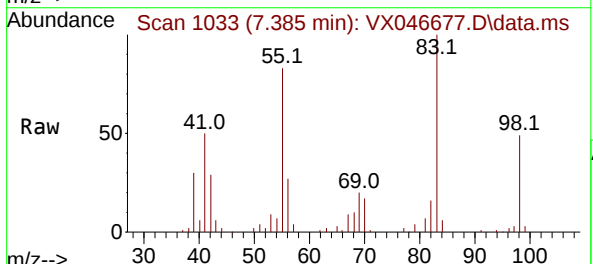
Reviewed By :John
Carlone
06/16/2025

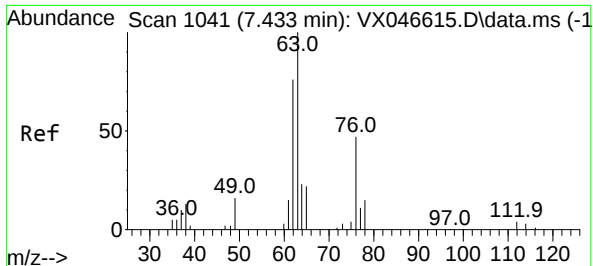
Supervised By :Mahesh
Dadoda
06/16/2025



#38
Methylcyclohexane
Concen: 20.478 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Tgt Ion: 83 Resp: 38800
Ion Ratio Lower Upper
83 100
55 82.3 42.6 128.0
98 49.8 24.8 74.3





#39

1,2-Dichloropropane

Concen: 20.981 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX046677.D

Acq: 13 Jun 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tgt Ion: 63 Resp: 2295
 Ion Ratio Lower Upper
 63 100
 65 29.5 21.5 32.3

Manual Integrations
 APPROVED

Reviewed By :John

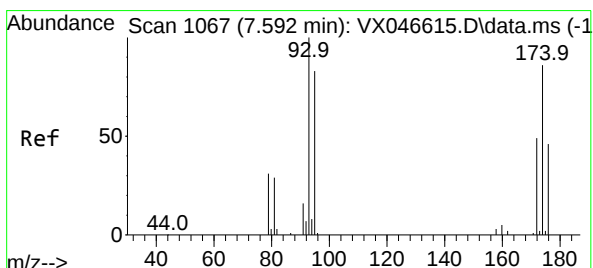
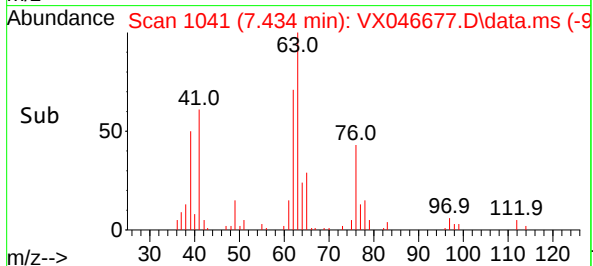
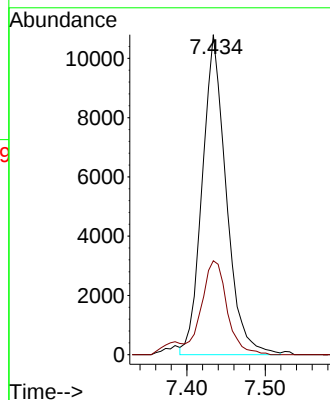
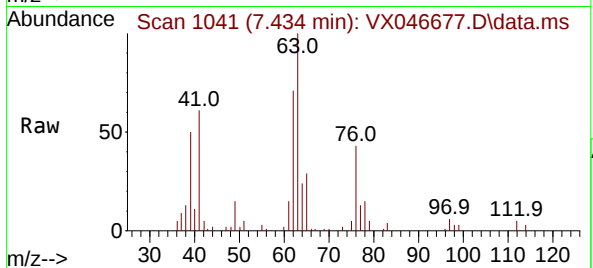
Carlone

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Supervised By :Mahesh

Dadoda

06/16/2025



#40

Dibromomethane

Concen: 20.739 ug/l

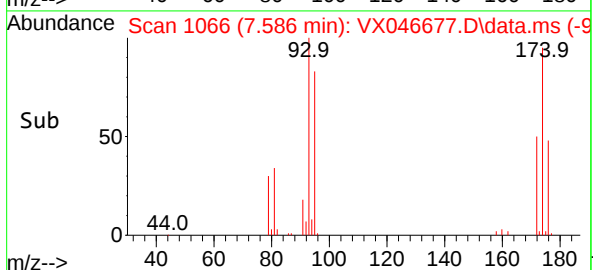
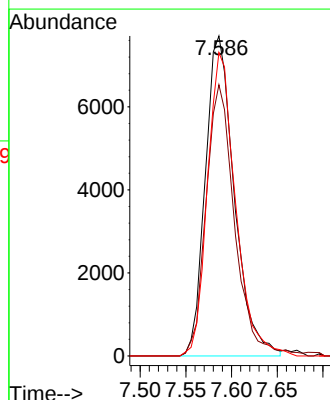
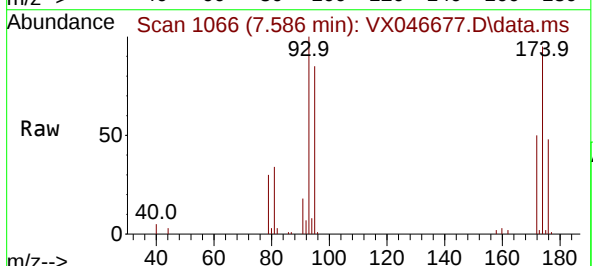
RT: 7.586 min Scan# 1066

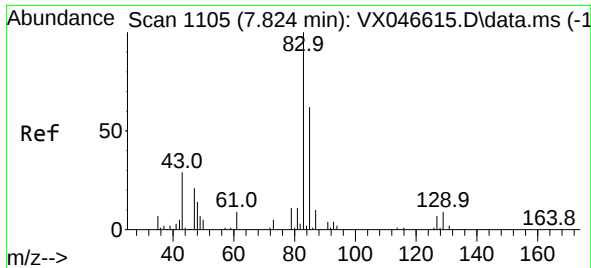
Delta R.T. -0.006 min

Lab File: VX046677.D

Acq: 13 Jun 2025 10:25

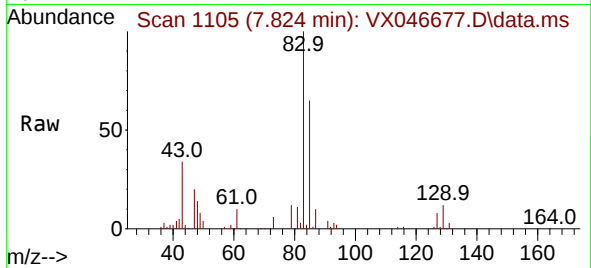
Tgt Ion: 93 Resp: 16961
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 164.8
 174 92.1 0.0 176.0





#41
Bromodichloromethane
Concen: 21.408 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

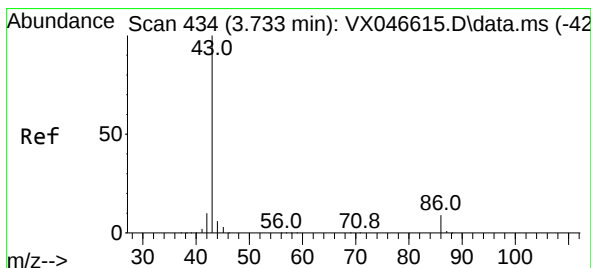
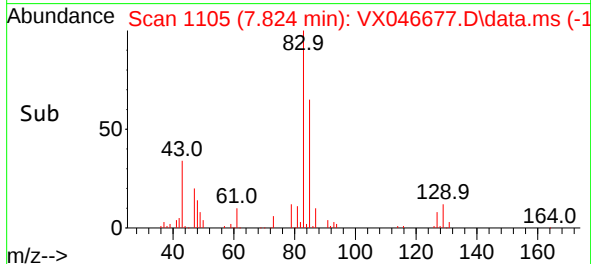
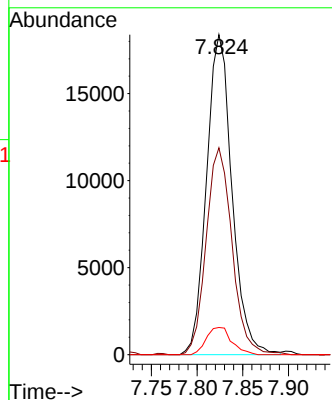


Tgt Ion: 83 Resp: 3566
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 8.5 5.5 8.3

Manual Integrations
APPROVED

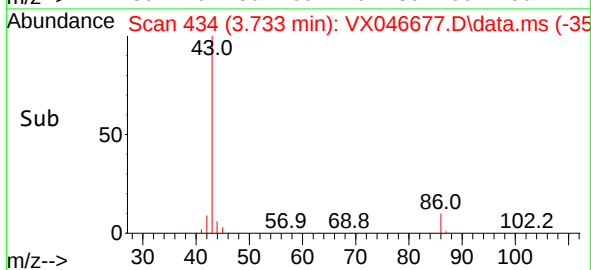
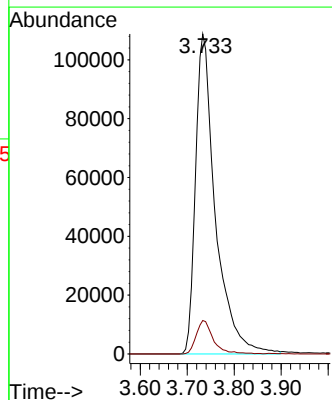
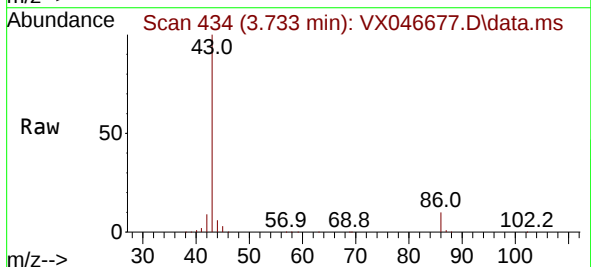
Reviewed By :John
Carlone
06/16/2025

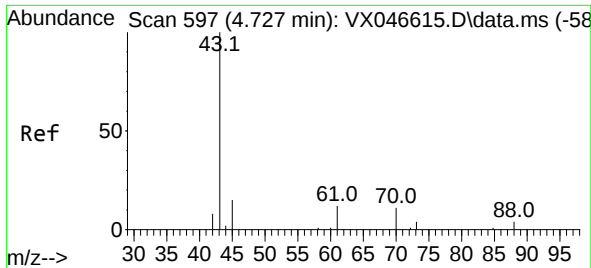
Supervised By :Mahesh
Dadoda
06/16/2025



#42
Vinyl Acetate
Concen: 111.595 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

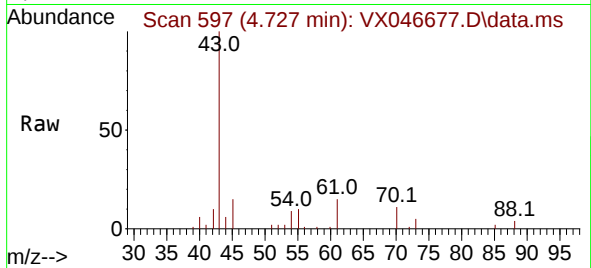
Tgt Ion: 43 Resp: 320274
Ion Ratio Lower Upper
43 100
86 8.6 6.4 9.6





#43
Ethyl Acetate
Concen: 21.364 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

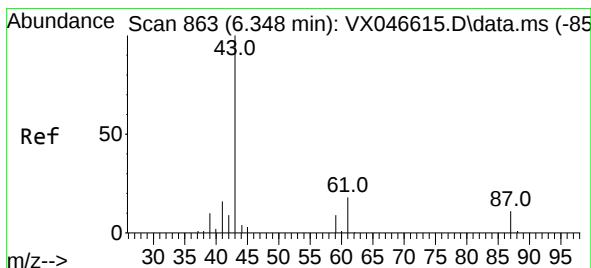
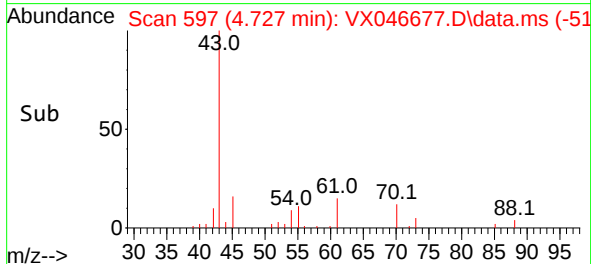
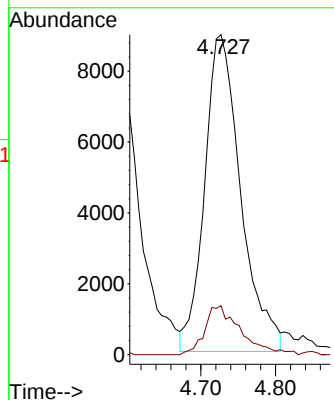


Tgt Ion: 43 Resp: 30100
Ion Ratio Lower Upper
43 100
45 14.9 7.9 11.9

Manual Integrations
APPROVED

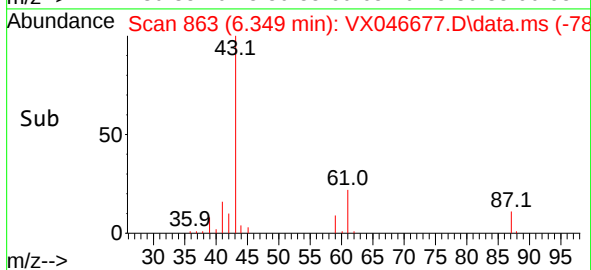
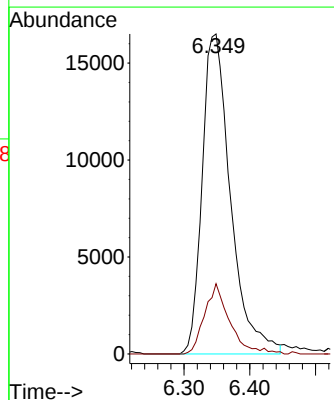
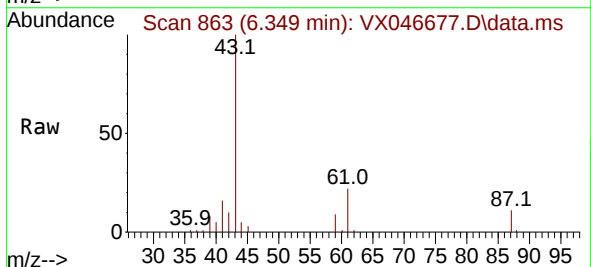
Reviewed By :John
Carlone
06/16/2025

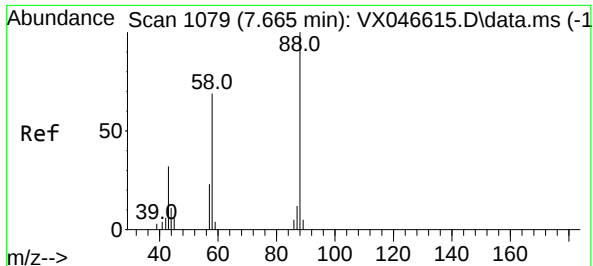
Supervised By :Mahesh
Dadoda
06/16/2025



#44
Isopropyl Acetate
Concen: 22.477 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

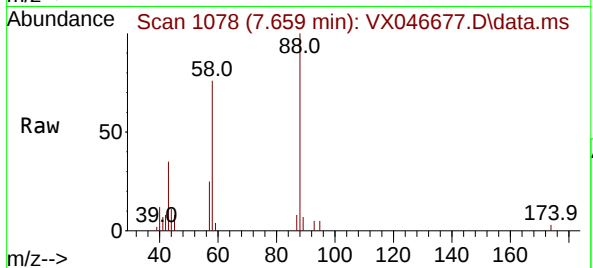
Tgt Ion: 43 Resp: 49534
Ion Ratio Lower Upper
43 100
61 18.8 15.0 22.4





#45
1,4-Dioxane
Concen: 509.251 ug/l
RT: 7.659 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

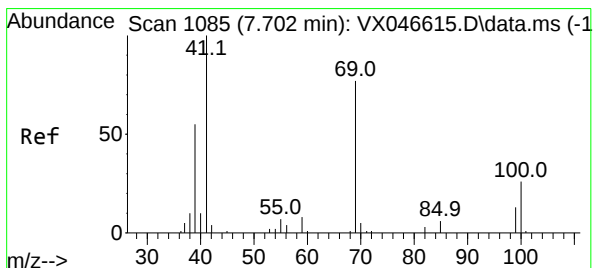
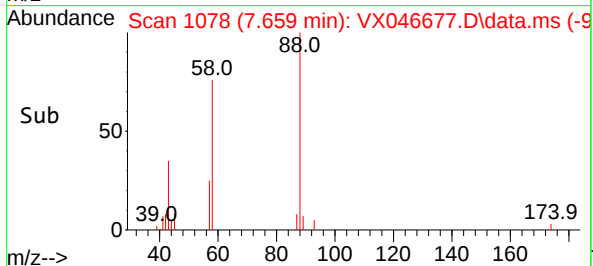
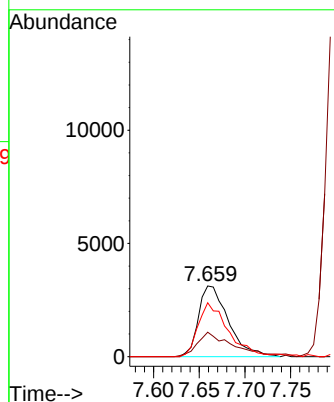


Tgt Ion: 88 Resp: 7079
Ion Ratio Lower Upper
88 100
43 38.9 21.6 32.4
58 76.0 60.8 91.2

Manual Integrations
APPROVED

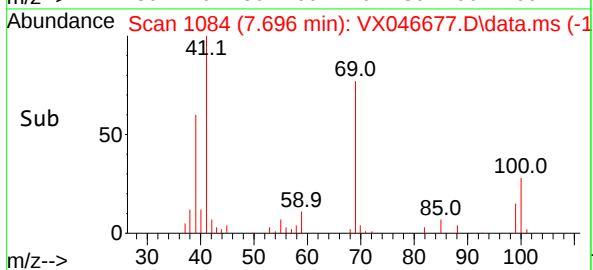
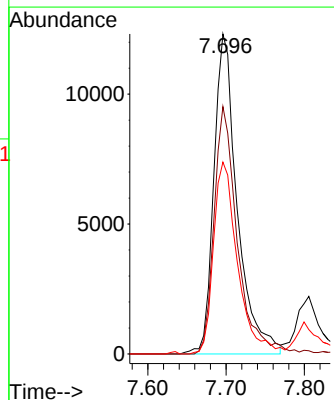
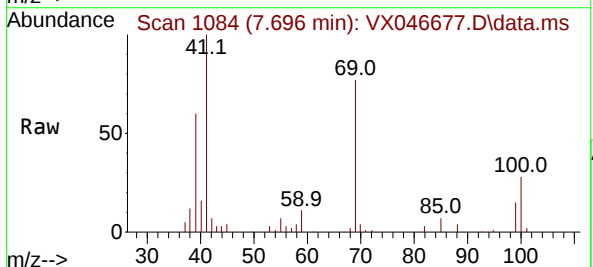
Reviewed By :John
Carlone
06/16/2025

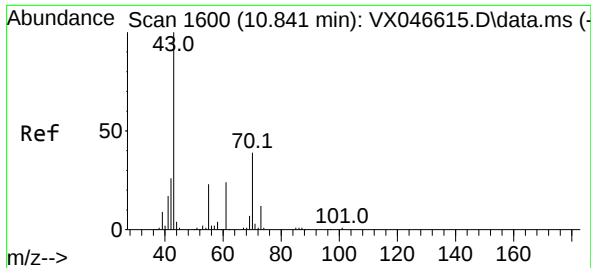
Supervised By :Mahesh
Dadoda
06/16/2025



#46
Methyl methacrylate
Concen: 21.268 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

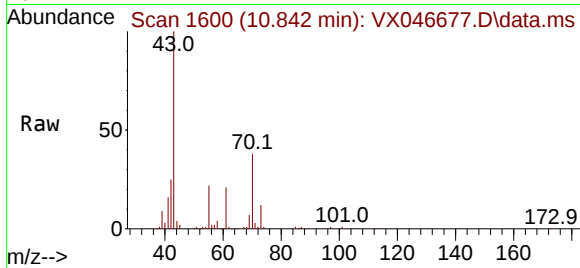
Tgt Ion: 41 Resp: 25591
Ion Ratio Lower Upper
41 100
69 77.3 38.7 116.1
39 59.9 27.7 83.1





#47
n-amy1 Acetate
Concen: 23.017 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

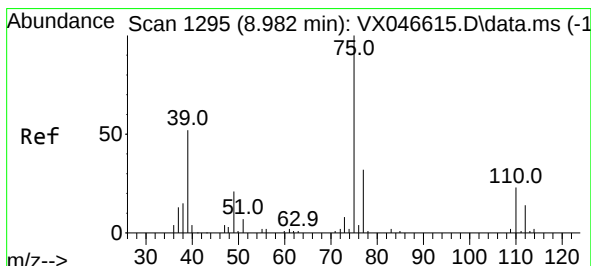
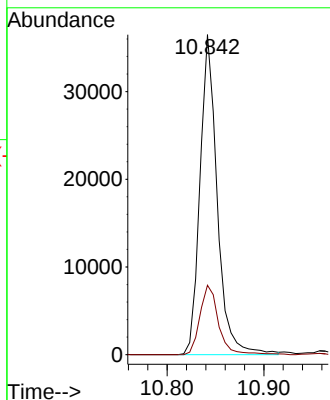
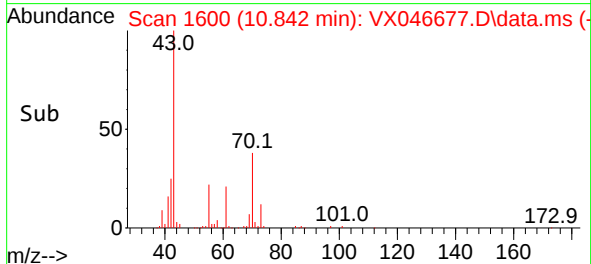


Tgt Ion: 43 Resp: 4537
Ion Ratio Lower Upper
43 100
55 23.4 19.4 29.2

Manual Integrations
APPROVED

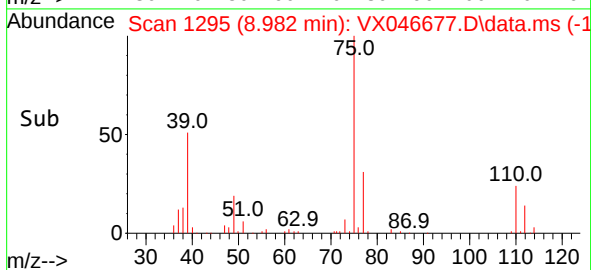
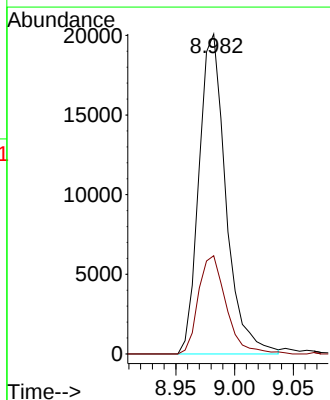
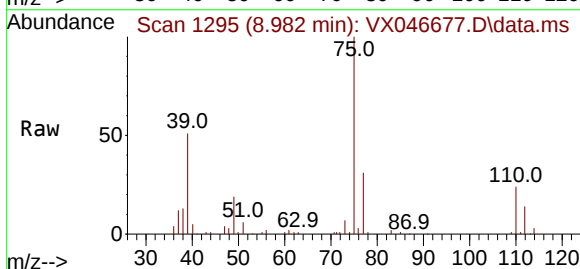
Reviewed By :John
Carlone
06/16/2025

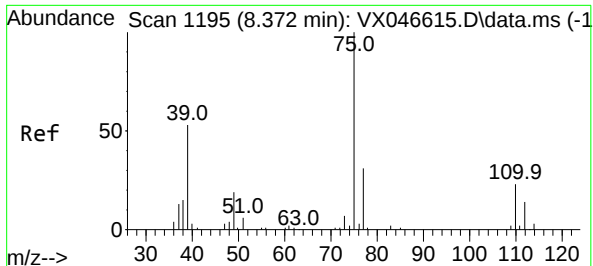
Supervised By :Mahesh
Dadoda
06/16/2025



#48
t-1,3-Dichloropropene
Concen: 21.448 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Tgt Ion: 75 Resp: 32035
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 21.630 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX046677.D

Acq: 13 Jun 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tgt Ion: 75 Resp: 36069

Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.6	36.8
39	56.6	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :John

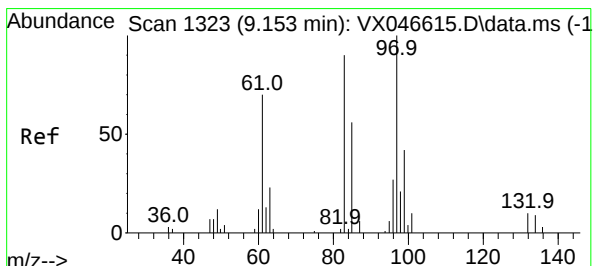
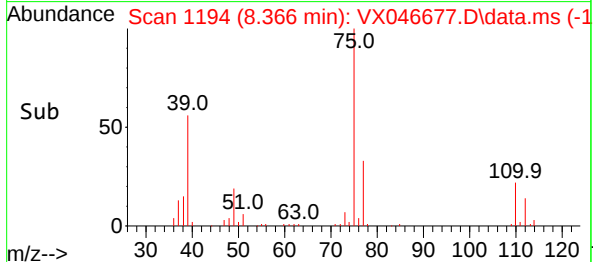
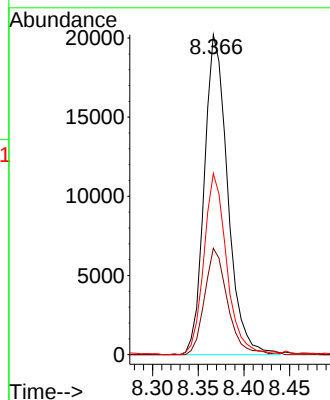
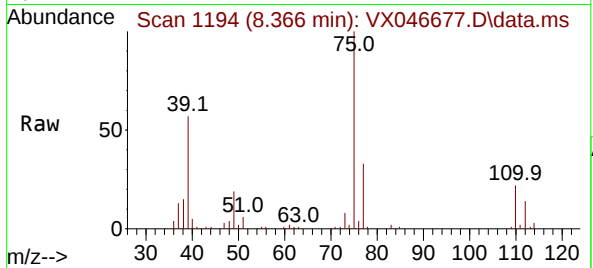
Carlone

06/16/2025

Supervised By :Mahesh

Dadoda

06/16/2025



#50

1,1,2-Trichloroethane

Concen: 21.941 ug/l

RT: 9.153 min Scan# 1323

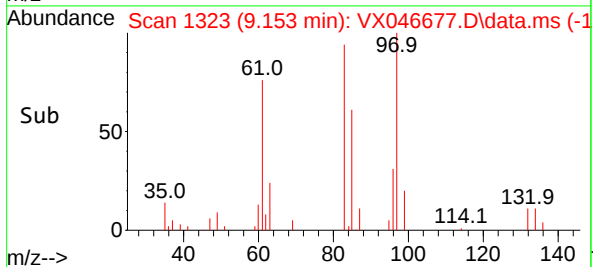
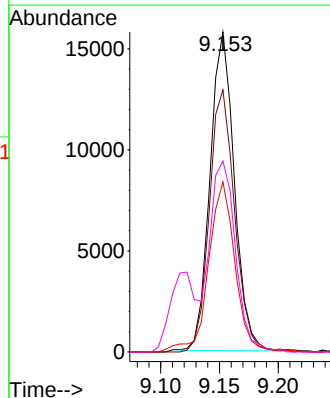
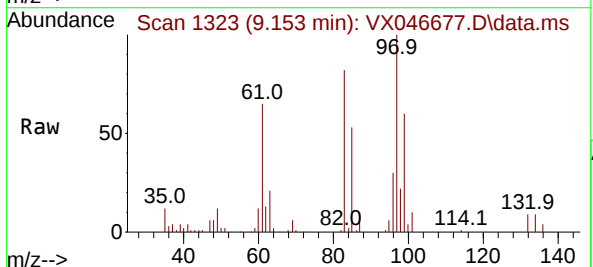
Delta R.T. 0.000 min

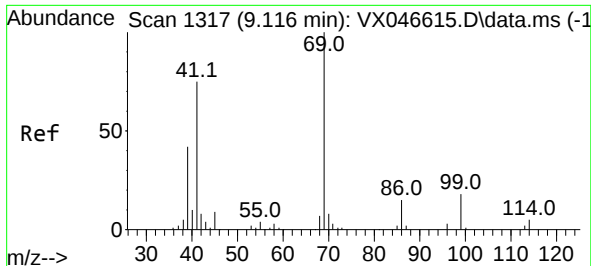
Lab File: VX046677.D

Acq: 13 Jun 2025 10:25

Tgt Ion: 97 Resp: 22615

Ion	Ratio	Lower	Upper
97	100		
83	82.3	72.1	108.1
85	53.0	47.5	71.3
99	59.1	53.3	79.9





#51

Ethyl methacrylate

Concen: 21.446 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX046677.D

Acq: 13 Jun 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tgt Ion: 69 Resp: 3361

Ion Ratio Lower Upper

69 100

41 74.4 37.4 112.2

39 39.3 20.8 62.5

Manual Integrations

APPROVED

Reviewed By :John

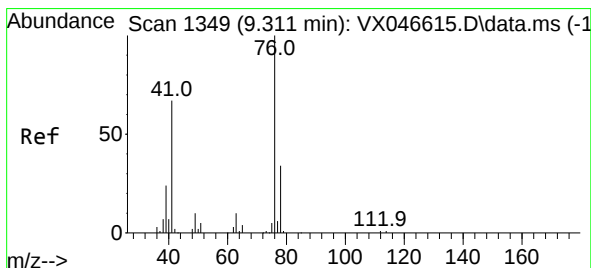
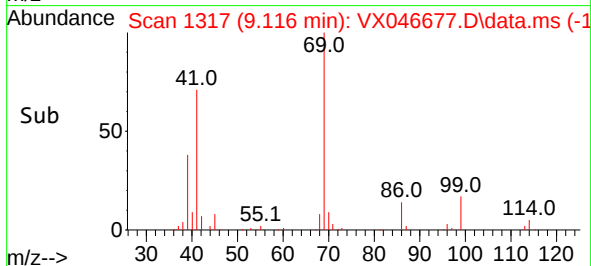
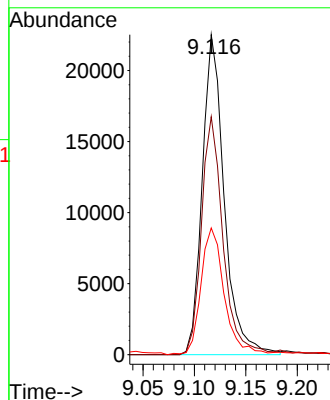
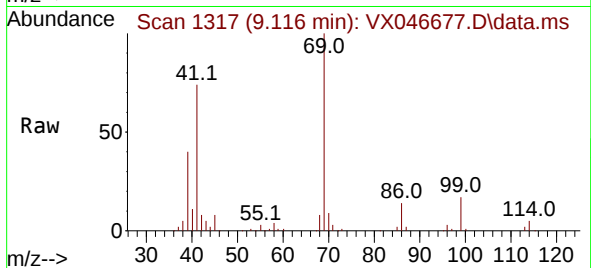
Carlone

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Supervised By :Mahesh

Dadoda

06/16/2025



#52

1,3-Dichloropropane

Concen: 21.610 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. -0.006 min

Lab File: VX046677.D

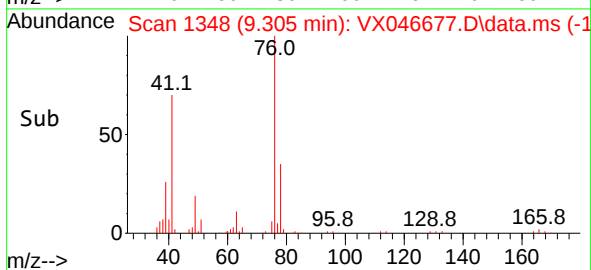
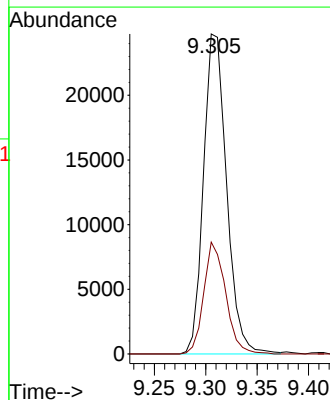
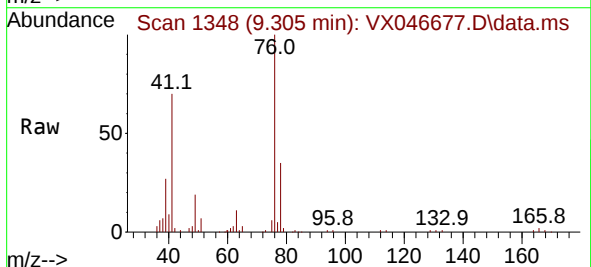
Acq: 13 Jun 2025 10:25

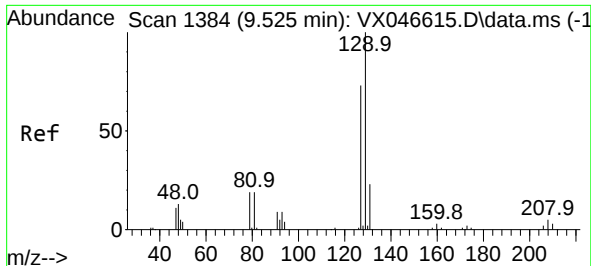
Tgt Ion: 76 Resp: 38797

Ion Ratio Lower Upper

76 100

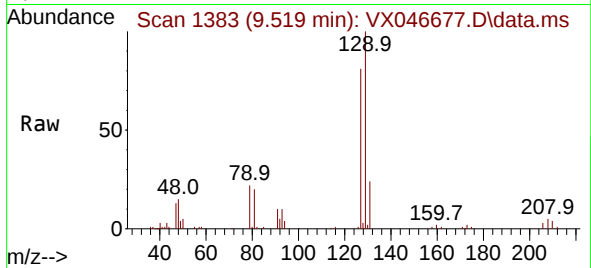
78 33.1 0.0 62.6





#53
Dibromochloromethane
Concen: 21.723 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

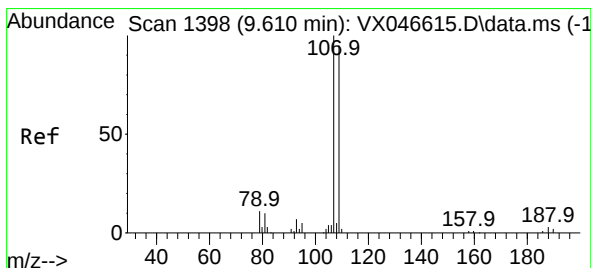
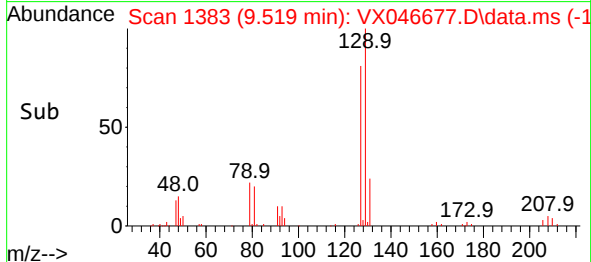
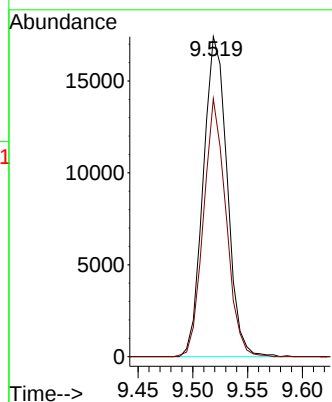


Tgt Ion:129 Resp: 2639
Ion Ratio Lower Upper
129 100
127 75.9 38.3 114.9

Manual Integrations
APPROVED

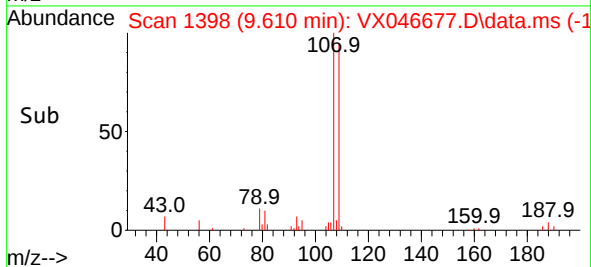
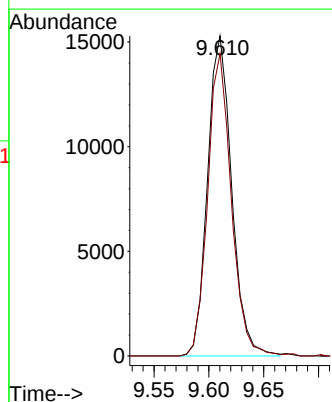
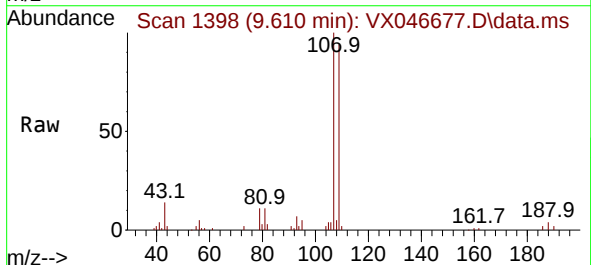
Reviewed By :John
Carlone
06/16/2025

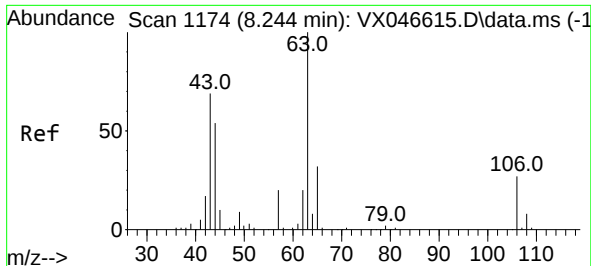
Supervised By :Mahesh
Dadoda
06/16/2025



#54
1,2-Dibromoethane
Concen: 21.602 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

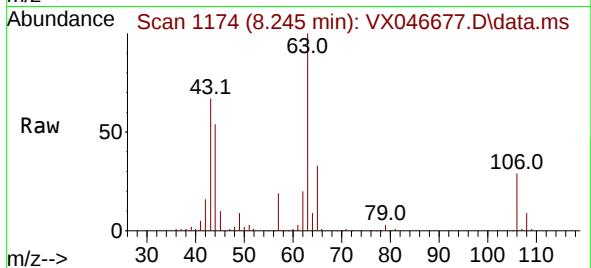
Tgt Ion:107 Resp: 23421
Ion Ratio Lower Upper
107 100
109 92.5 75.8 113.8





#55
2-Chloroethyl vinyl ether
Concen: 119.019 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

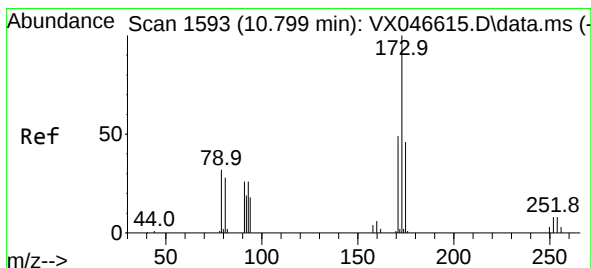
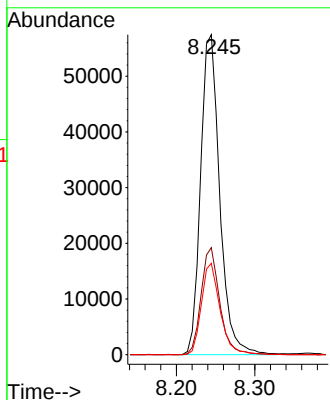
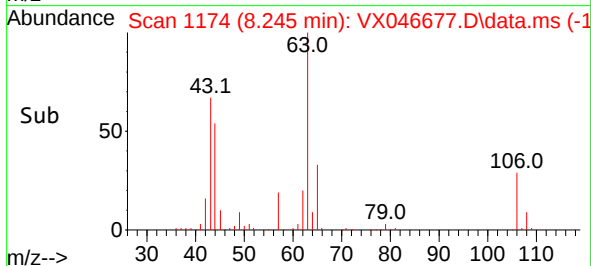


Tgt Ion: 63 Resp: 97418
Ion Ratio Lower Upper
63 100
65 32.5 25.2 37.8
106 28.0 21.8 32.6

Manual Integrations
APPROVED

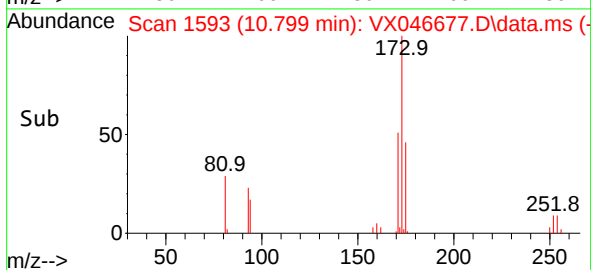
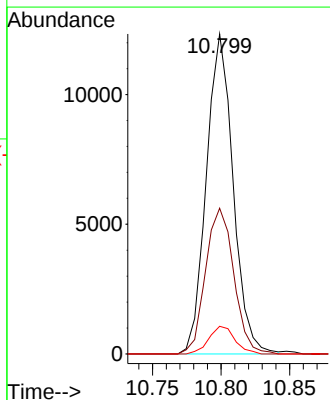
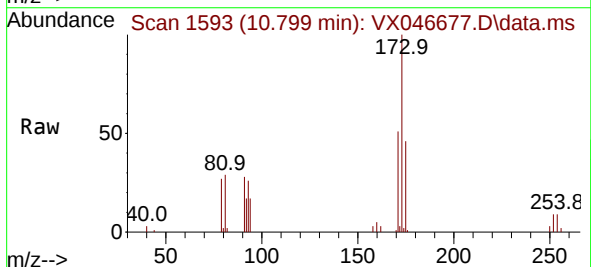
Reviewed By :John
Carlone
06/16/2025

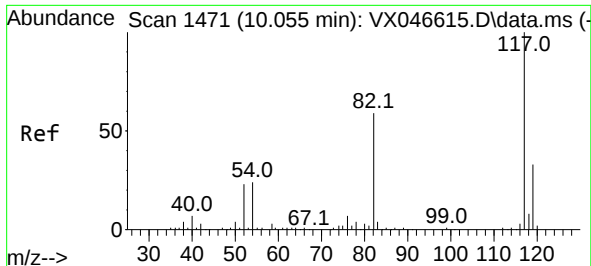
Supervised By :Mahesh
Dadoda
06/16/2025



#56
Bromoform
Concen: 22.351 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

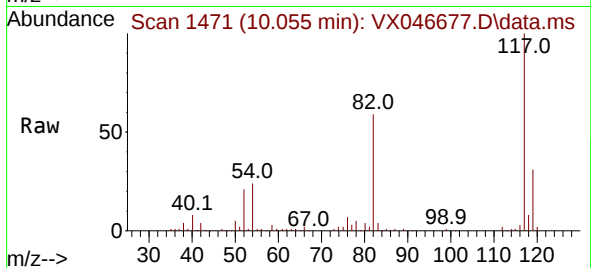
Tgt Ion:173 Resp: 16781
Ion Ratio Lower Upper
173 100
175 48.1 38.0 57.0
254 8.4 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

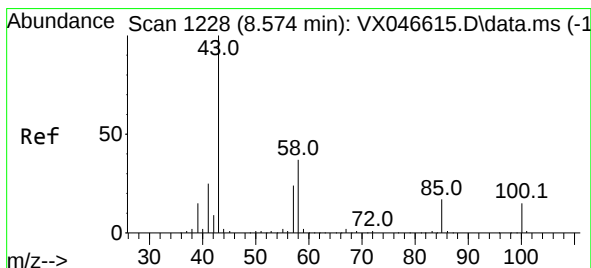
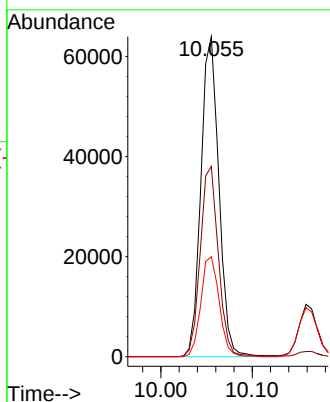
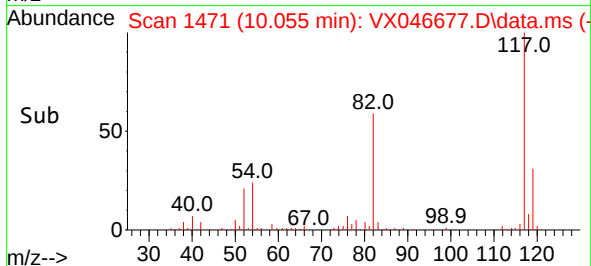


Tgt Ion: 117 Resp: 87140
Ion Ratio Lower Upper
117 100
82 60.1 46.5 69.7
119 31.9 25.8 38.6

Manual Integrations
APPROVED

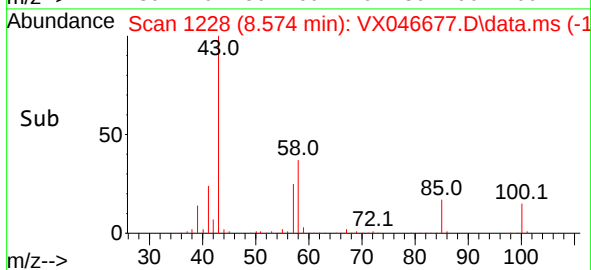
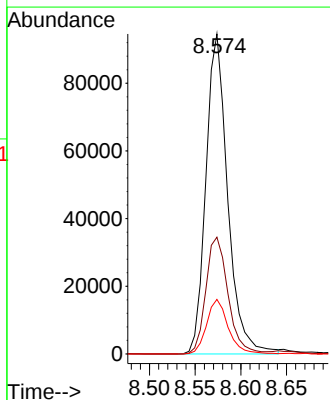
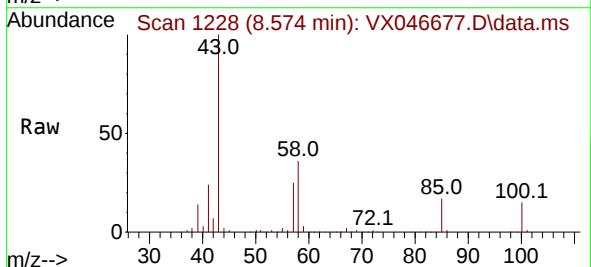
Reviewed By :John
Carlone
06/16/2025

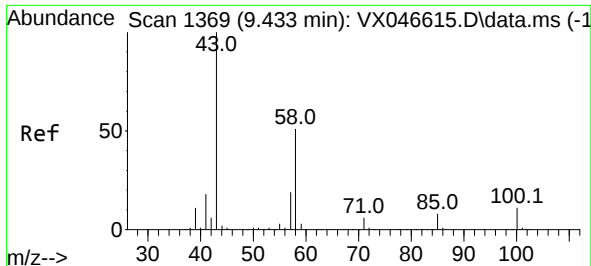
Supervised By :Mahesh
Dadoda
06/16/2025



#58
4-Methyl-2-Pentanone
Concen: 110.818 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Tgt Ion: 43 Resp: 157087
Ion Ratio Lower Upper
43 100
58 37.0 29.4 44.2
85 16.9 13.3 19.9





#59

2-Hexanone

Concen: 110.773 ug/l

RT: 9.427 min Scan# 110773

Delta R.T. -0.006 min

Lab File: VX046677.D

Acq: 13 Jun 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tgt Ion: 43 Resp: 110773

Ion	Ratio	Lower	Upper
43	100		
58	51.7	39.8	59.8
57	18.4	14.5	21.7

Manual Integrations

APPROVED

Reviewed By :John

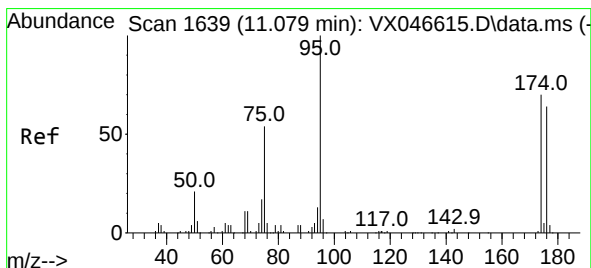
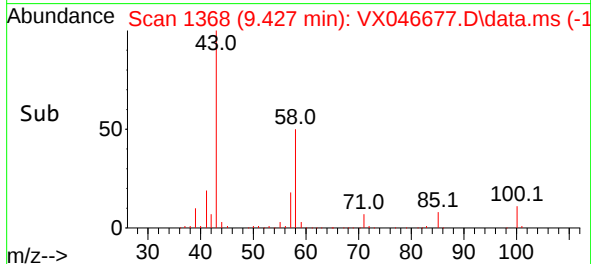
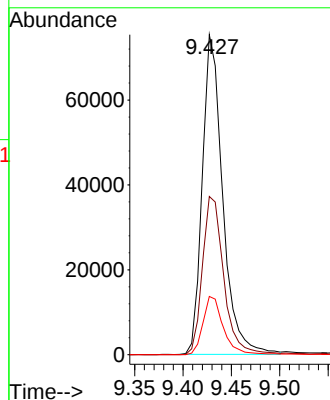
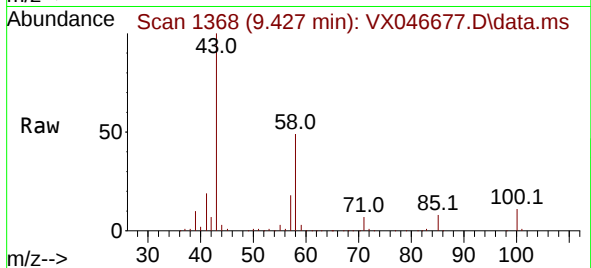
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Supervised By :Mahesh

Dadoda

06/16/2025



#60

4-Bromofluorobenzene

Concen: 29.848 ug/l

RT: 11.079 min Scan# 1639

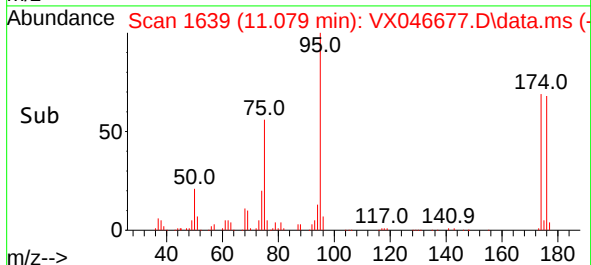
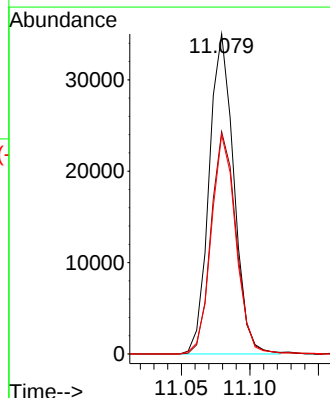
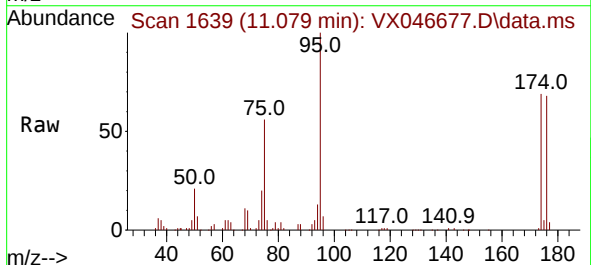
Delta R.T. 0.000 min

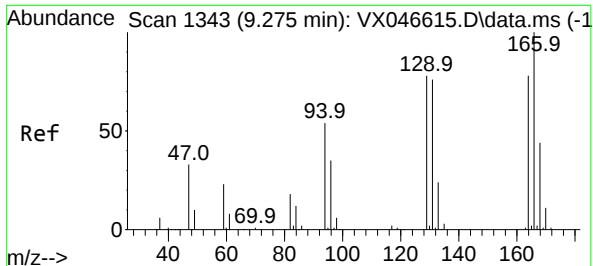
Lab File: VX046677.D

Acq: 13 Jun 2025 10:25

Tgt Ion: 95 Resp: 43843

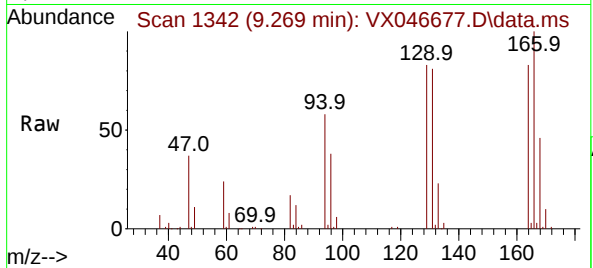
Ion	Ratio	Lower	Upper
95	100		
174	70.4	56.0	84.0
176	67.9	52.2	78.4





#61
Tetrachloroethene
Concen: 20.660 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

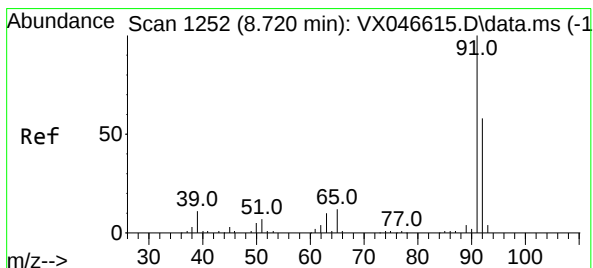
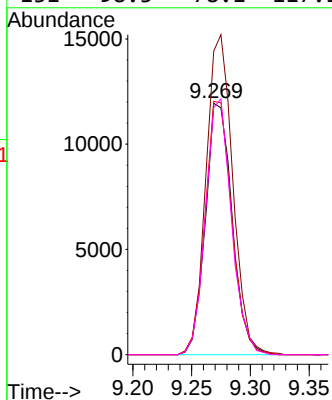


Tgt Ion:164 Resp: 18869
Ion Ratio Lower Upper
164 100
166 120.8 103.1 154.7
129 100.7 80.3 120.5
131 98.3 78.1 117.1

Manual Integrations
APPROVED

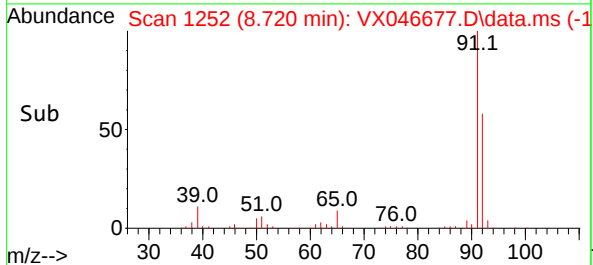
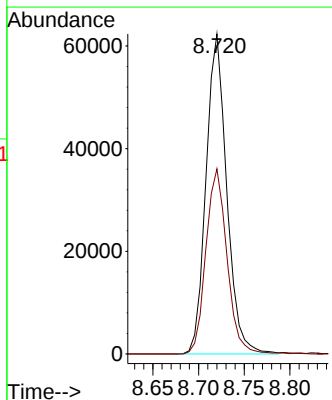
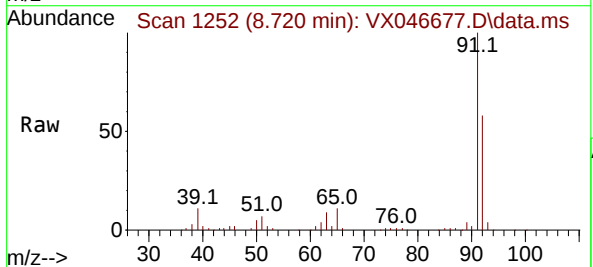
Reviewed By :John
Carlone
06/16/2025

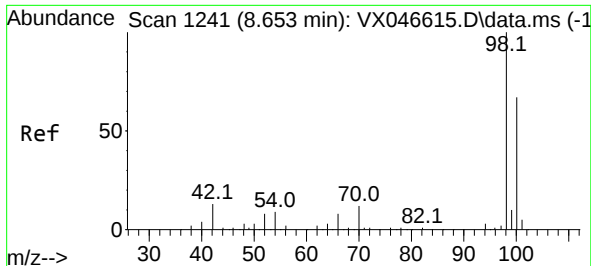
Supervised By :Mahesh
Dadoda
06/16/2025



#62
Toluene
Concen: 20.768 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

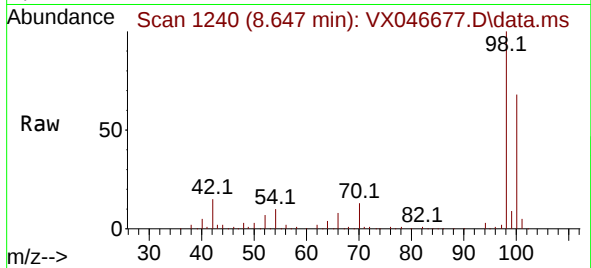
Tgt Ion: 91 Resp: 98083
Ion Ratio Lower Upper
91 100
92 58.8 46.8 70.2





#63
Toluene-d8
Concen: 29.768 ug/l
RT: 8.647 min Scan# 115874
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

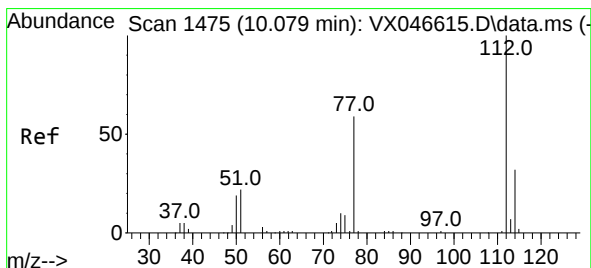
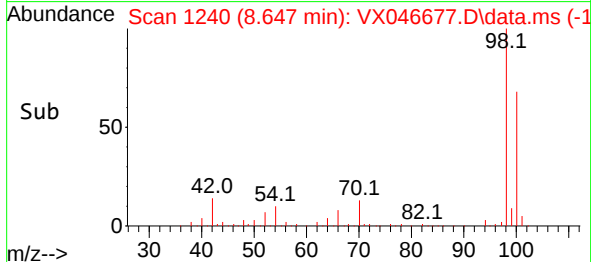
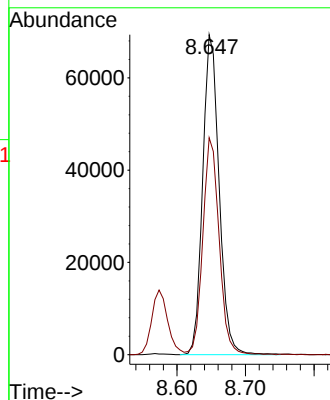


Tgt Ion: 98 Resp: 115874
Ion Ratio Lower Upper
98 100
100 67.2 52.6 79.0

Manual Integrations
APPROVED

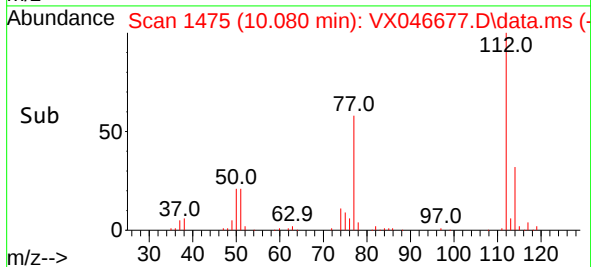
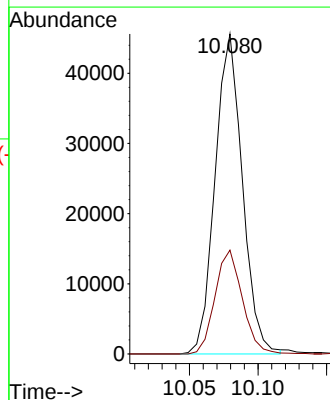
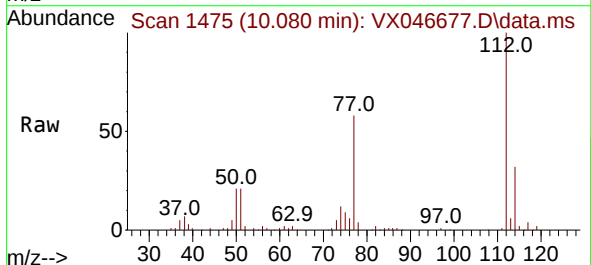
Reviewed By :John
Carlone
06/16/2025

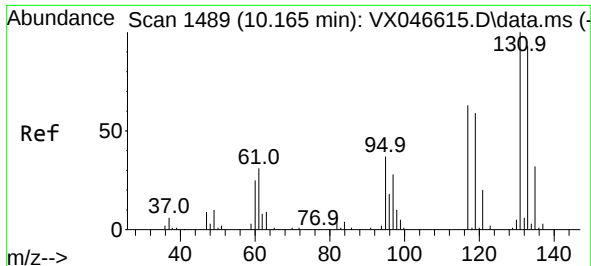
Supervised By :Mahesh
Dadoda
06/16/2025



#64
Chlorobenzene
Concen: 20.712 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

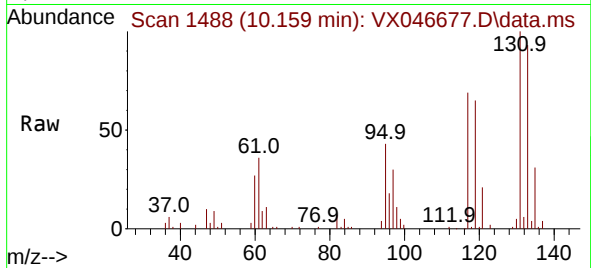
Tgt Ion:112 Resp: 63092
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0





#65
1,1,1,2-Tetrachloroethane
Concen: 21.130 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

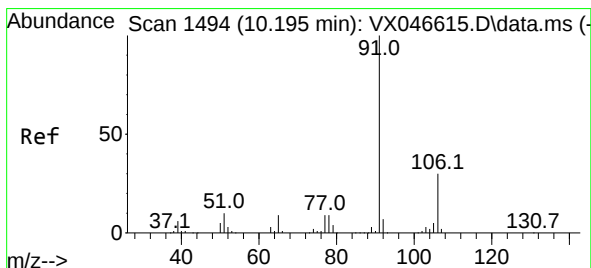
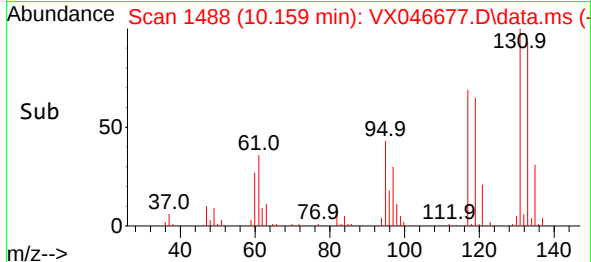
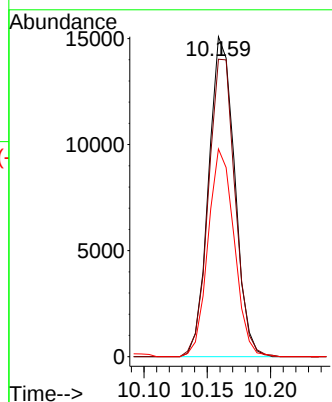


Tgt Ion:131 Resp: 2157
Ion Ratio Lower Upper
131 100
133 95.2 0.0 190.6
119 65.2 0.0 131.2

Manual Integrations
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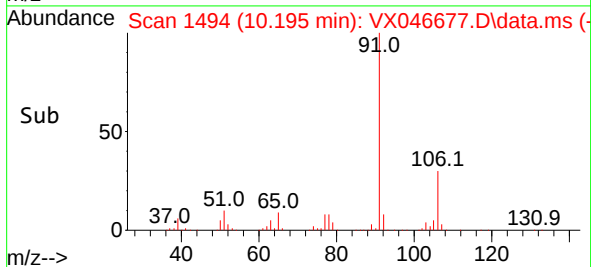
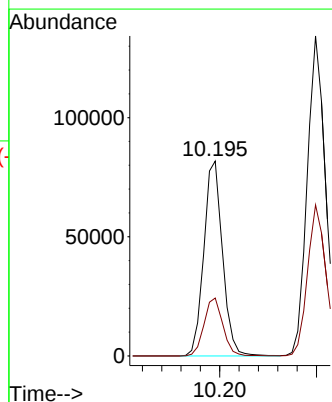
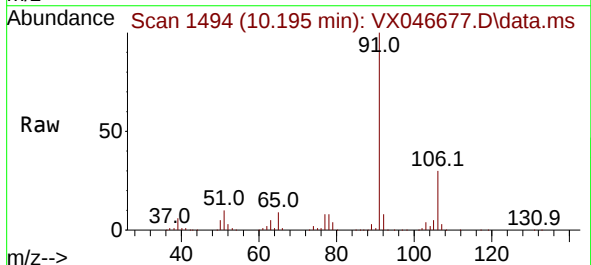
Reviewed By :John
Carlone
06/16/2025

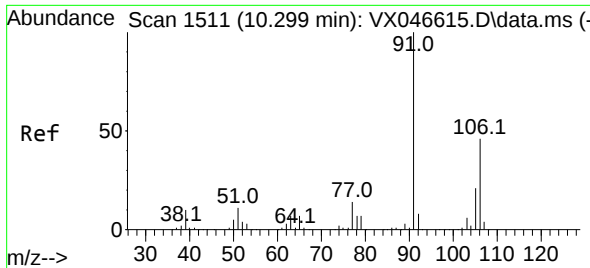
Supervised By :Mahesh
Dadoda
06/16/2025



#66
Ethyl Benzene
Concen: 20.430 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Tgt Ion: 91 Resp: 110168
Ion Ratio Lower Upper
91 100
106 29.7 23.9 35.9





#67
m/p-Xylenes
Concen: 42.056 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

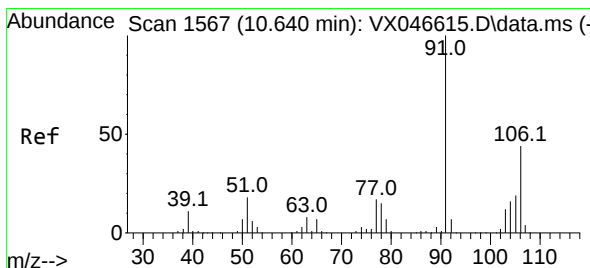
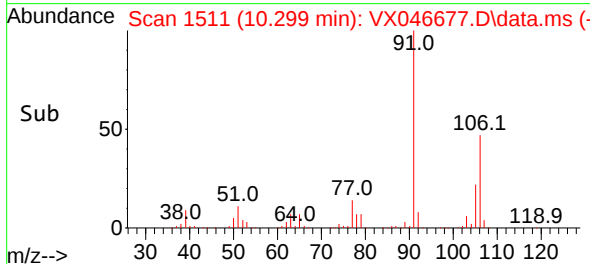
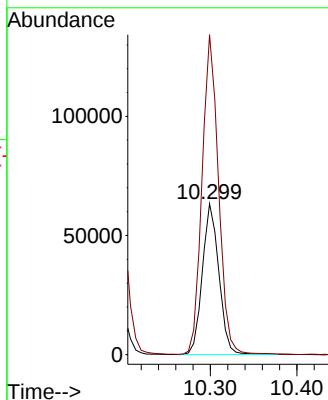
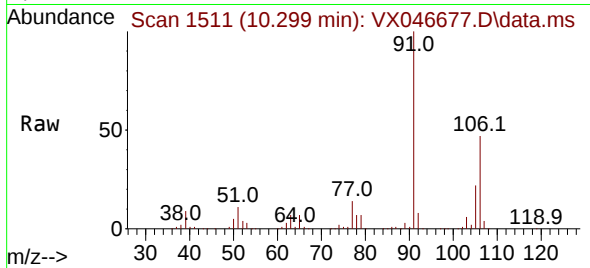
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tgt Ion:106 Resp: 83880
Ion Ratio Lower Upper
106 100
91 212.3 171.5 257.3

Manual Integrations
APPROVED

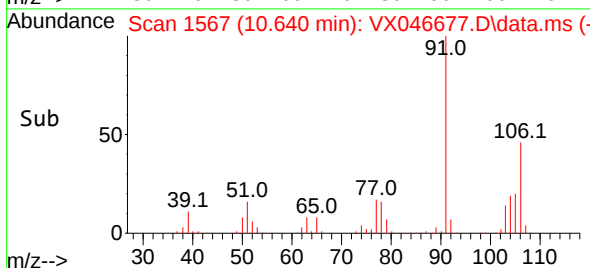
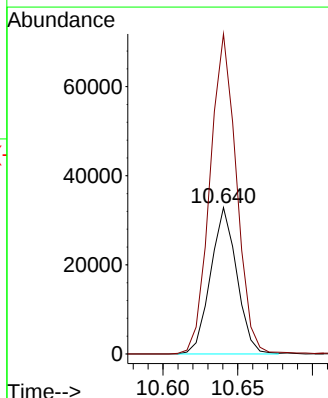
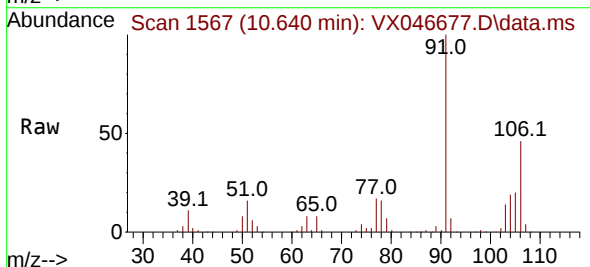
Reviewed By :John
Carlone
06/16/2025

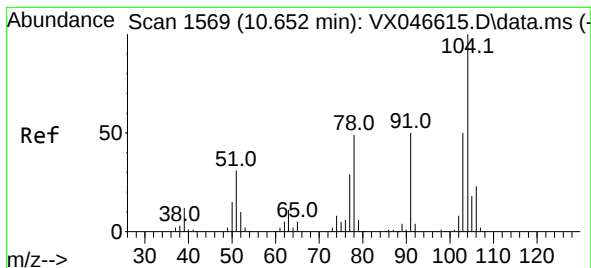
Supervised By :Mahesh
Dadoda
06/16/2025



#68
o-Xylene
Concen: 20.844 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Tgt Ion:106 Resp: 40031
Ion Ratio Lower Upper
106 100
91 220.4 112.3 336.9





#69

Styrene

Concen: 21.270 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX046677.D

Acq: 13 Jun 2025 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tgt Ion:104 Resp: 70010

Ion	Ratio	Lower	Upper
104	100		
78	53.8	43.1	64.7
103	54.0	42.9	64.3

Manual Integrations
APPROVED

Reviewed By :John

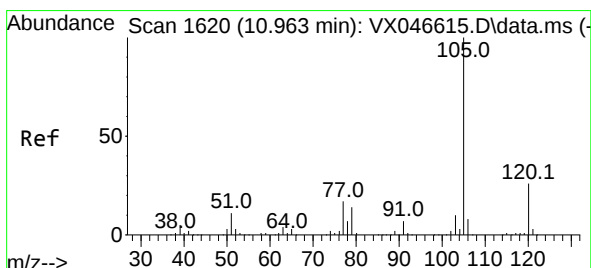
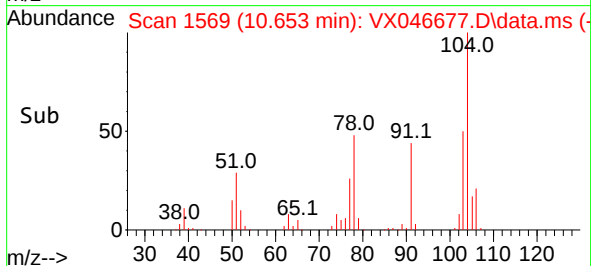
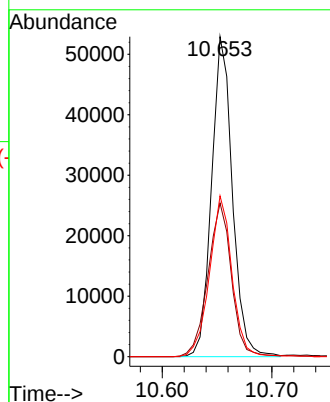
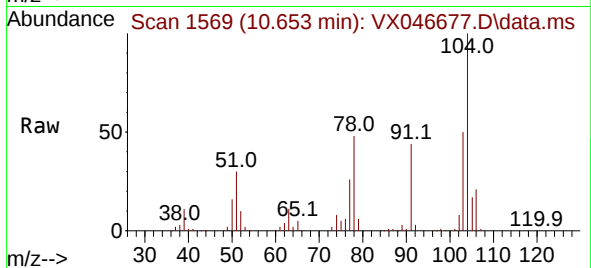
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#70

Isopropylbenzene

Concen: 20.822 ug/l

RT: 10.964 min Scan# 1620

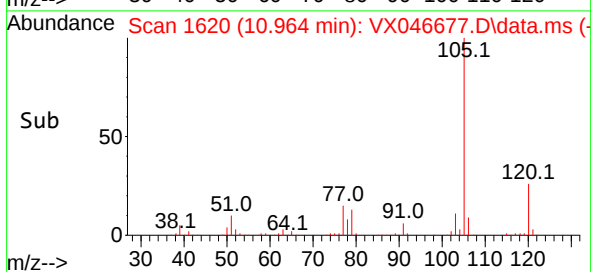
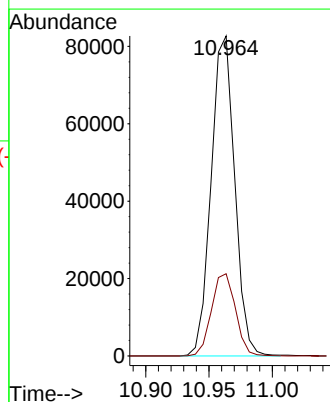
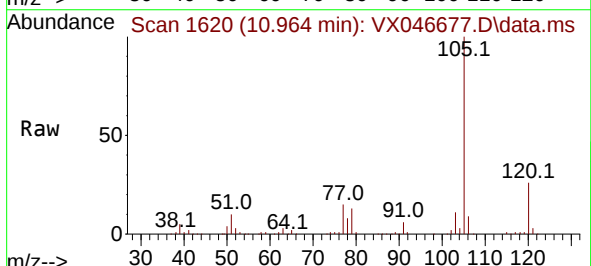
Delta R.T. 0.000 min

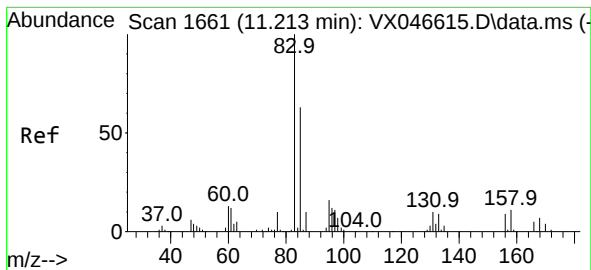
Lab File: VX046677.D

Acq: 13 Jun 2025 10:25

Tgt Ion:105 Resp: 107313

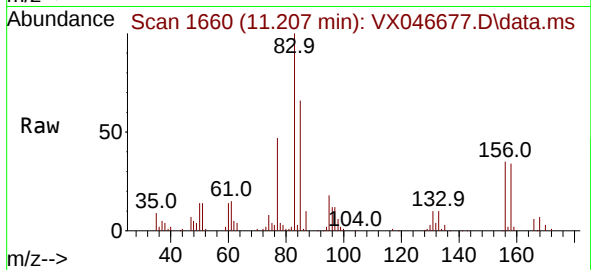
Ion	Ratio	Lower	Upper
105	100		
120	26.2	18.1	33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 21.780 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

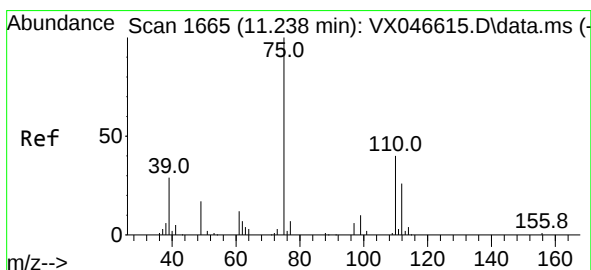
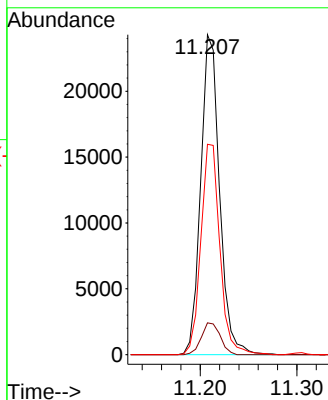
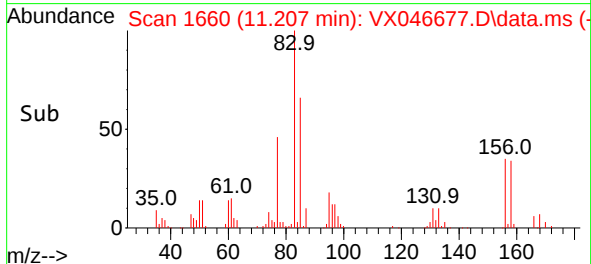


Tgt Ion: 83 Resp: 32975
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 66.4 31.5 94.5

Manual Integrations
APPROVED

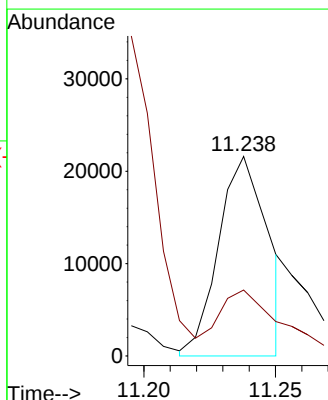
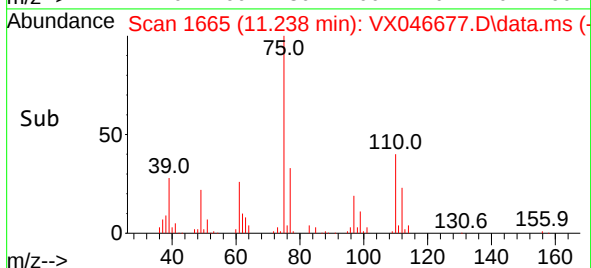
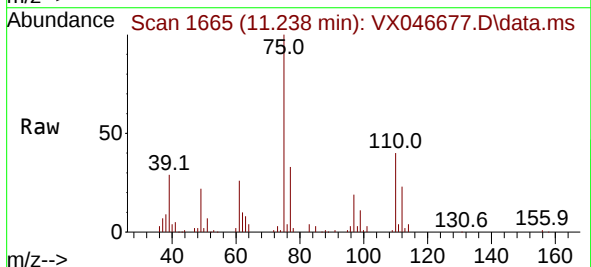
Reviewed By :John
Carlone
06/16/2025

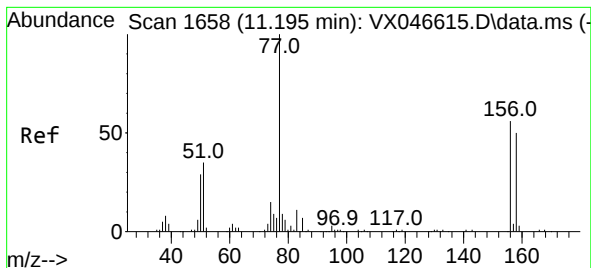
Supervised By :Mahesh
Dadoda
06/16/2025



#72
1,2,3-Trichloropropane
Concen: 22.218 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

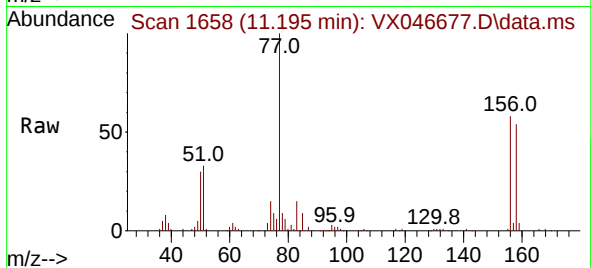
Tgt Ion: 75 Resp: 28082
Ion Ratio Lower Upper
75 100
77 42.6 0.0 82.6





#73
Bromobenzene
Concen: 21.104 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

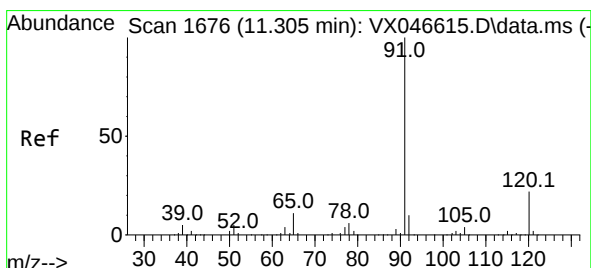
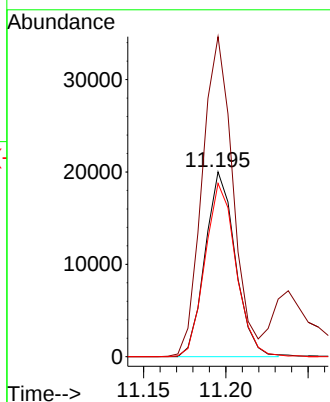
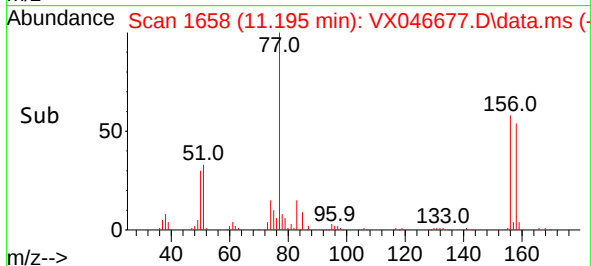


Tgt Ion:156 Resp: 25490
Ion Ratio Lower Upper
156 100
77 175.5 0.0 358.6
158 96.3 0.0 192.0

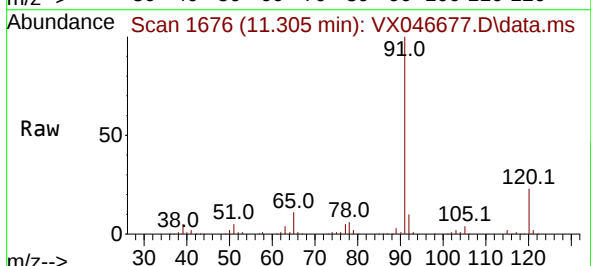
Manual Integrations
APPROVED

Reviewed By :John
Carlone
06/16/2025

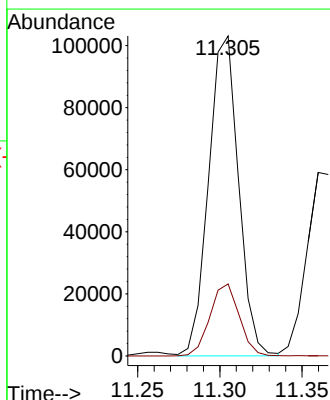
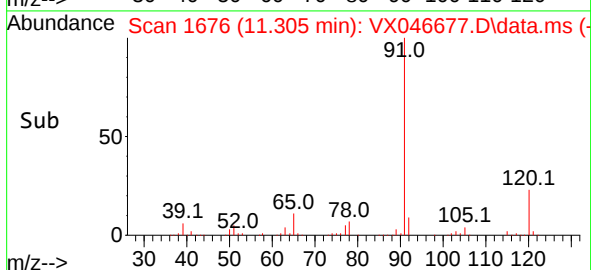
Supervised By :Mahesh
Dadoda
06/16/2025

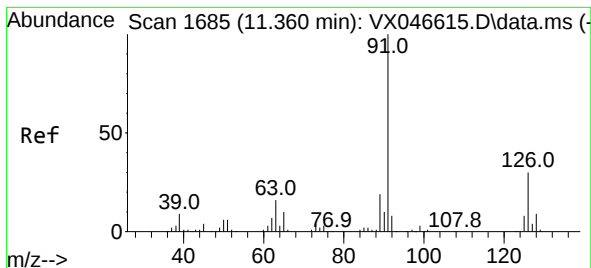


#74
n-propylbenzene
Concen: 21.193 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25



Tgt Ion: 91 Resp: 130610
Ion Ratio Lower Upper
91 100
120 22.0 0.0 43.8





#75
2-Chlorotoluene
Concen: 21.632 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

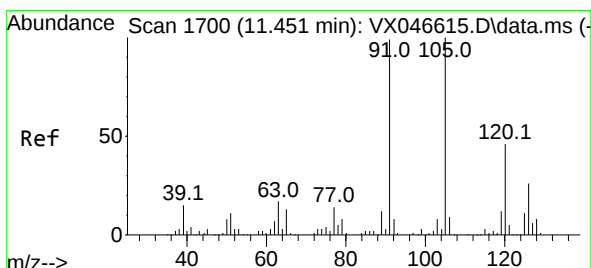
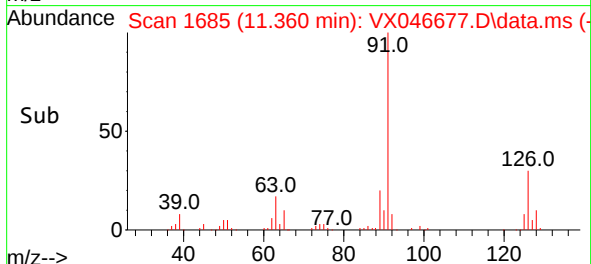
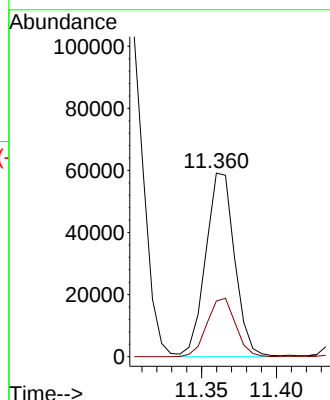
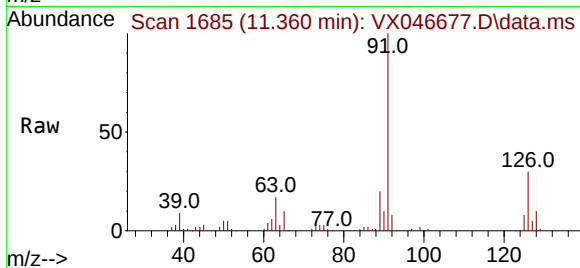
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tgt Ion: 91 Resp: 7981
Ion Ratio Lower Upper
91 100
126 31.3 0.0 63.0

Manual Integrations
APPROVED

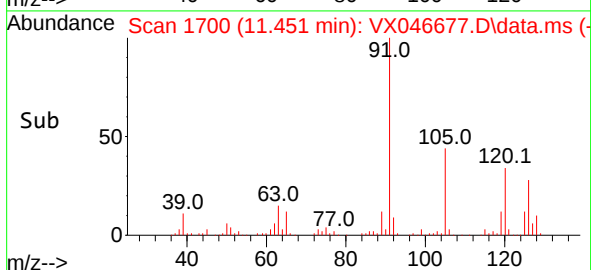
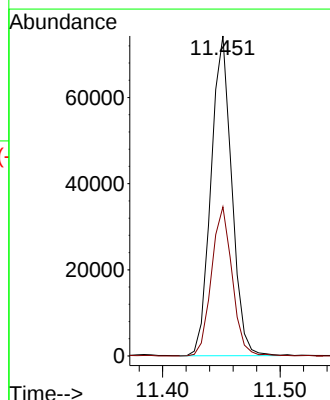
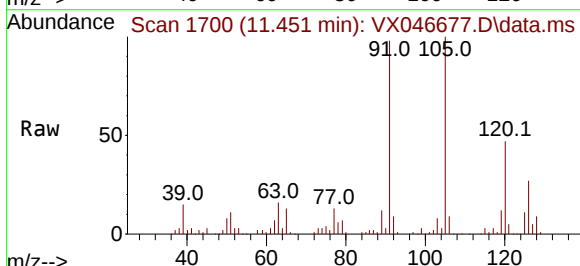
Reviewed By :John
Carlone
06/16/2025

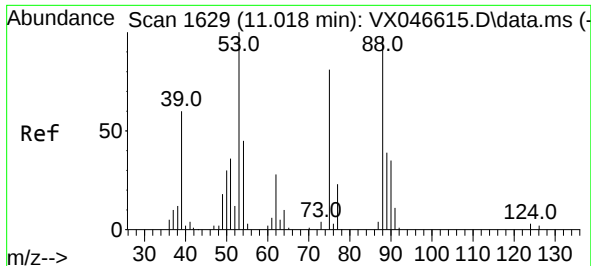
Supervised By :Mahesh
Dadoda
06/16/2025



#76
1,3,5-Trimethylbenzene
Concen: 21.248 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

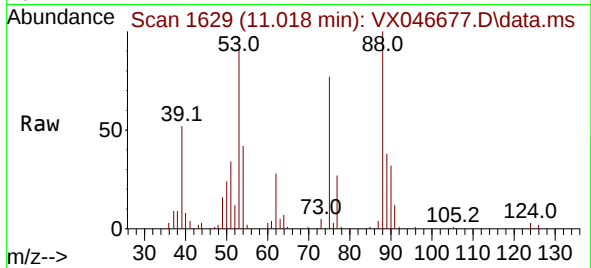
Tgt Ion:105 Resp: 90986
Ion Ratio Lower Upper
105 100
120 46.5 0.0 92.8





#77
t-1,4-Dichloro-2-butene
Concen: 21.994 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

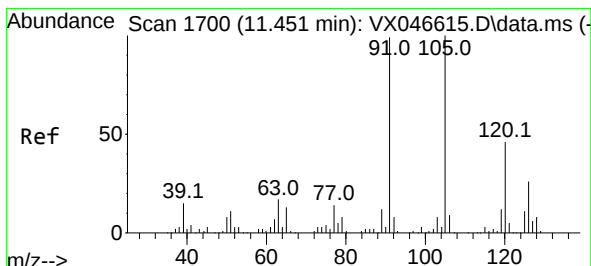
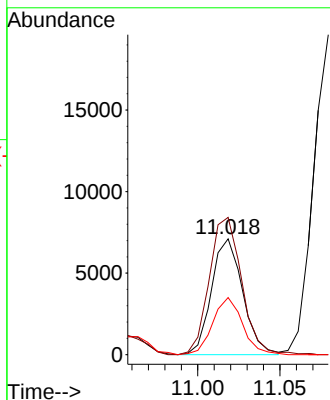
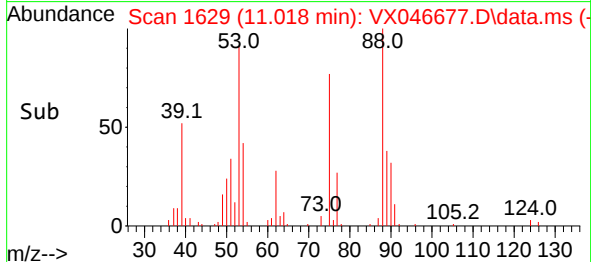


Tgt Ion: 75 Resp: 939
Ion Ratio Lower Upper
75 100
53 118.4 61.9 185.7
89 49.3 24.0 72.0

Manual Integrations
APPROVED

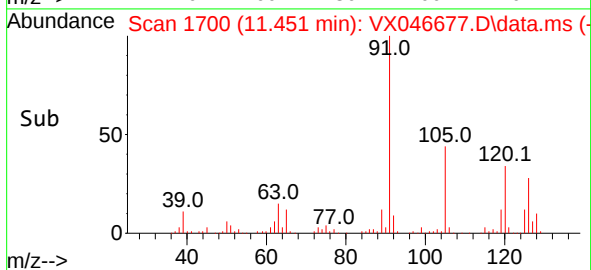
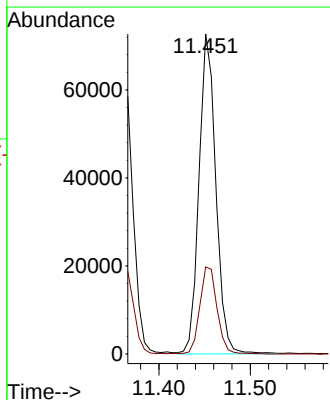
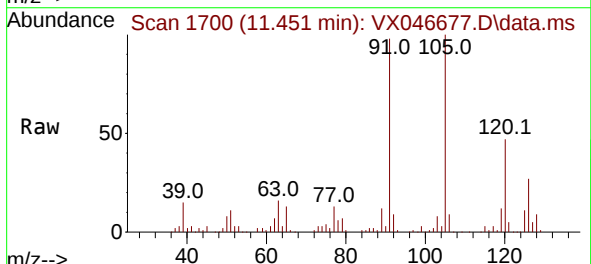
Reviewed By :John
Carlone
06/16/2025

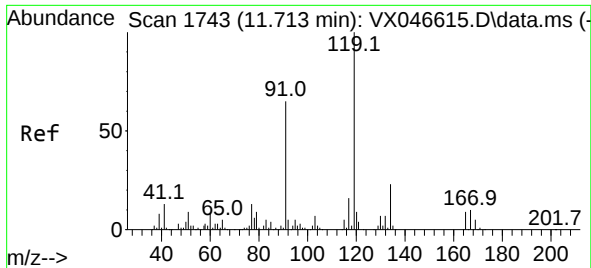
Supervised By :Mahesh
Dadoda
06/16/2025



#78
4-Chlorotoluene
Concen: 21.787 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

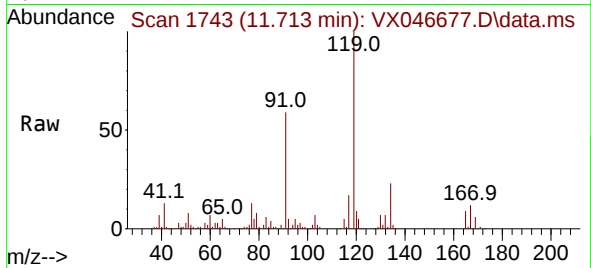
Tgt Ion: 91 Resp: 92998
Ion Ratio Lower Upper
91 100
126 27.7 0.0 55.0





#79
tert-butylbenzene
Concen: 21.305 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

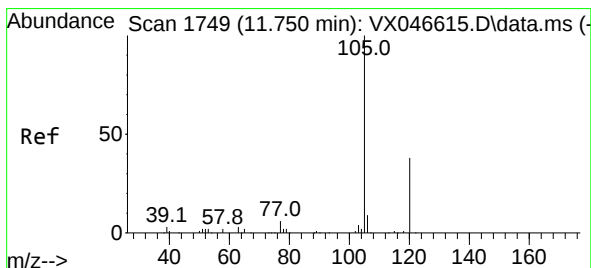
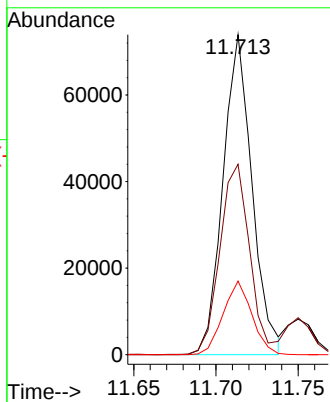
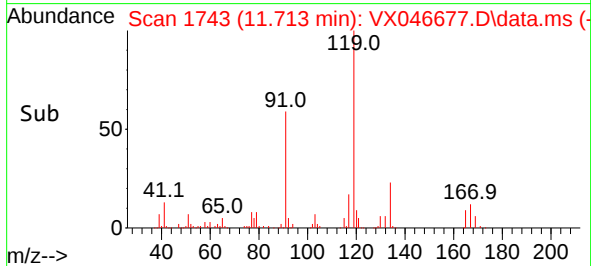


Tgt Ion:119 Resp: 90980
Ion Ratio Lower Upper
119 100
91 60.4 0.0 126.0
134 22.8 0.0 45.6

Manual Integrations
APPROVED

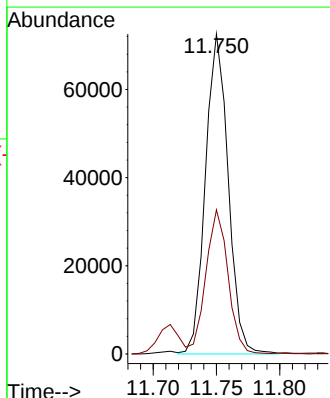
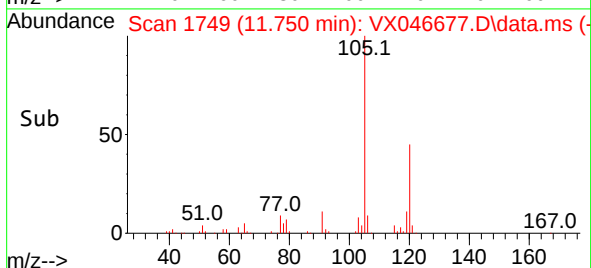
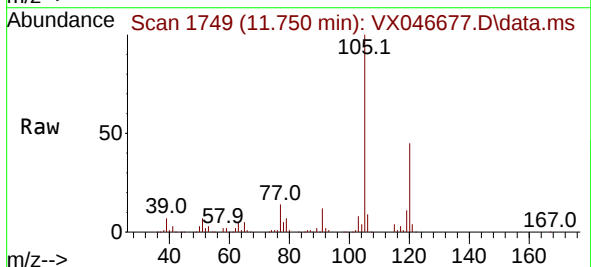
Reviewed By :John
Carlone
06/16/2025

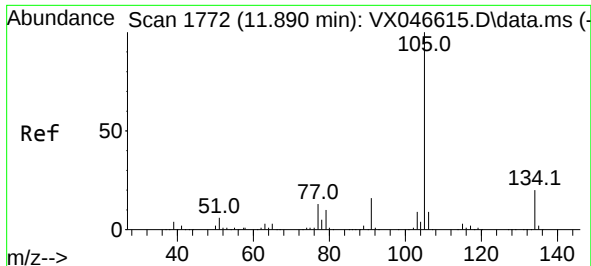
Supervised By :Mahesh
Dadoda
06/16/2025



#80
1,2,4-Trimethylbenzene
Concen: 21.465 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

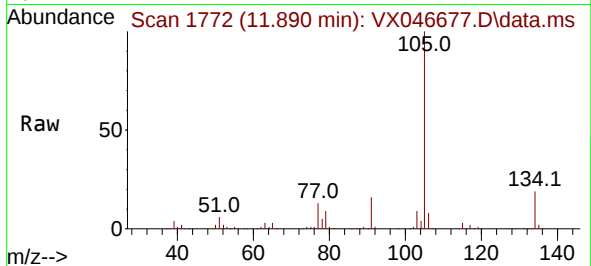
Tgt Ion:105 Resp: 90779
Ion Ratio Lower Upper
105 100
120 44.0 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 21.382 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046677.D
 Acq: 13 Jun 2025 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

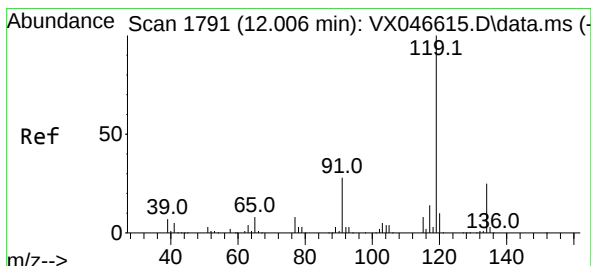
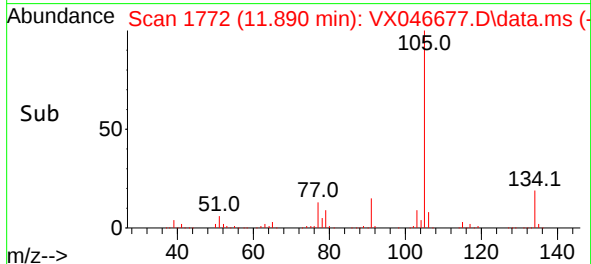
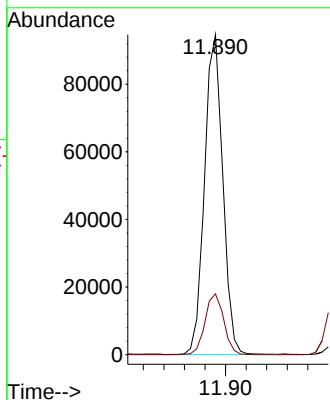


Tgt Ion:105 Resp: 116849
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.4

Manual Integrations
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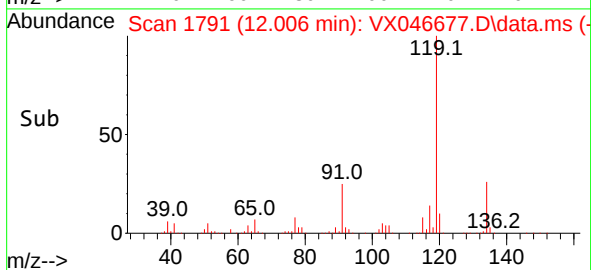
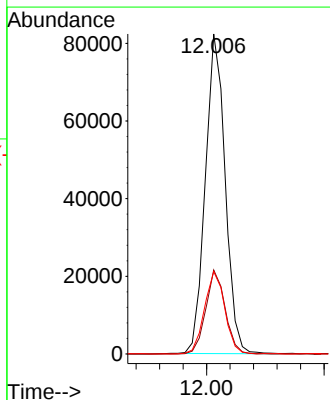
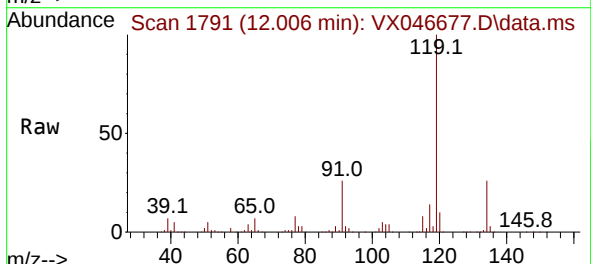
Reviewed By :John
 Carlone
 06/16/2025

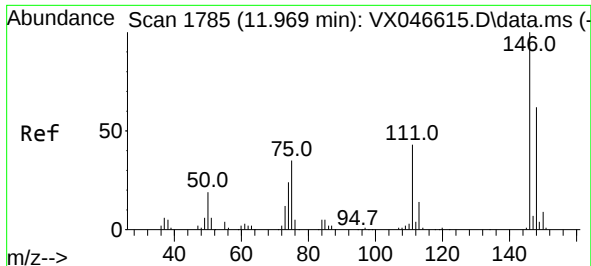
Supervised By :Mahesh
 Dadoda
 06/16/2025



#82
 p-Isopropyltoluene
 Concen: 21.518 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046677.D
 Acq: 13 Jun 2025 10:25

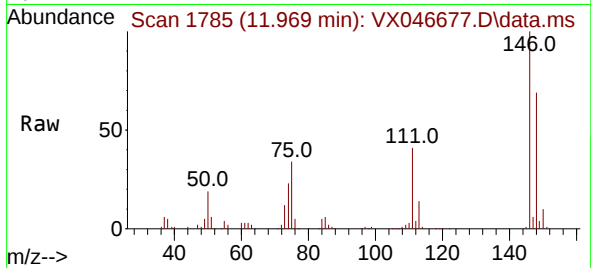
Tgt Ion:119 Resp: 96516
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 50.0
 91 26.3 0.0 54.0





#83
1,3-Dichlorobenzene
Concen: 21.735 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

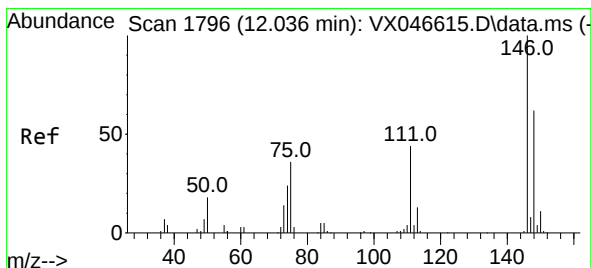
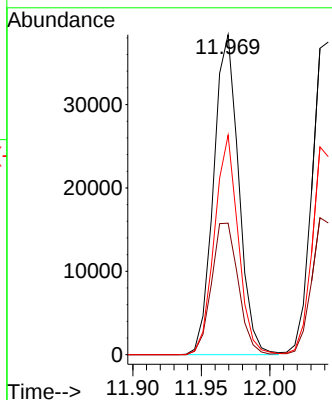


Tgt Ion:146 Resp: 48878
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.8
148 64.8 32.0 96.2

Manual Integrations
APPROVED

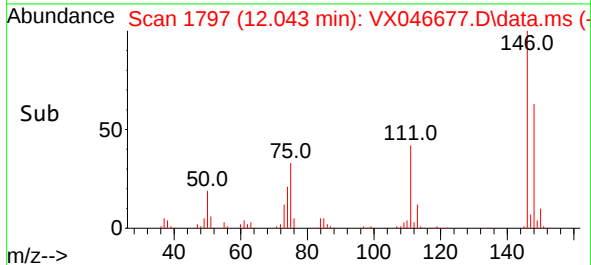
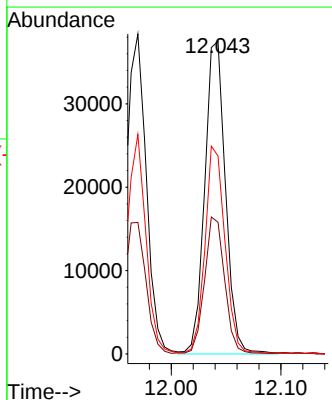
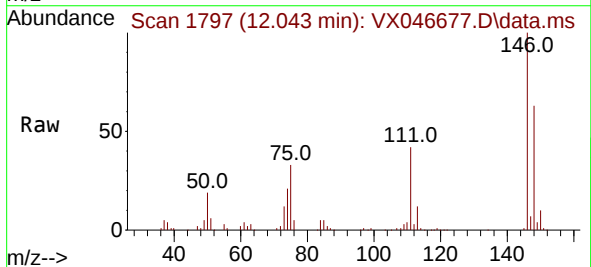
Reviewed By :John
Carlone
06/16/2025

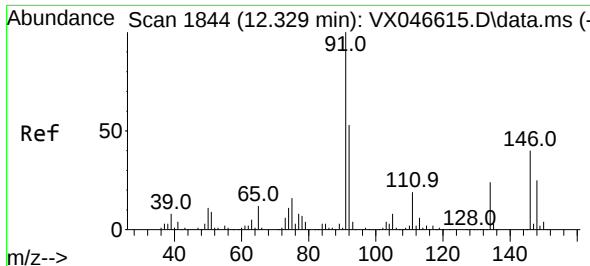
Supervised By :Mahesh
Dadoda
06/16/2025



#84
1,4-Dichlorobenzene
Concen: 21.843 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

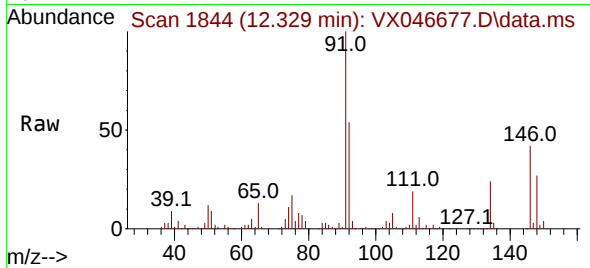
Tgt Ion:146 Resp: 49397
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.7
148 63.8 31.4 94.3





#85
n-Butylbenzene
Concen: 21.594 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

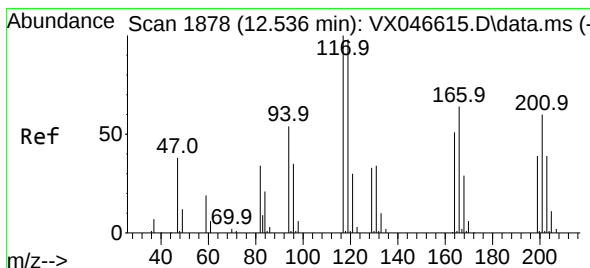
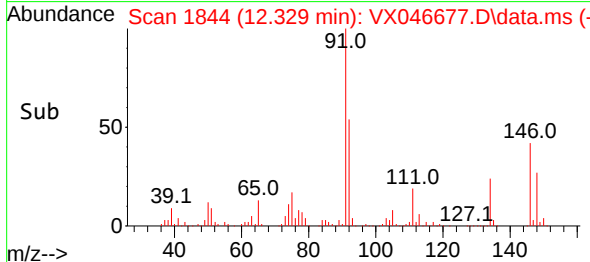
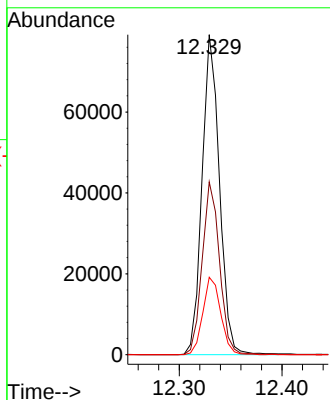


Tgt Ion: 91 Resp: 93300
Ion Ratio Lower Upper
91 100
92 53.9 0.0 106.4
134 24.8 0.0 48.8

Manual Integrations
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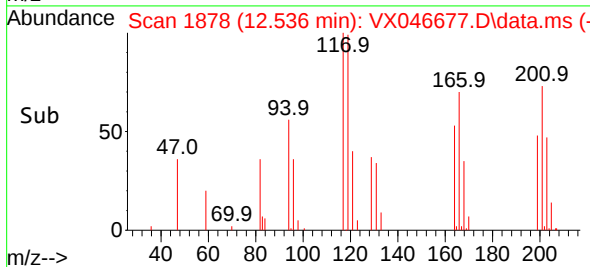
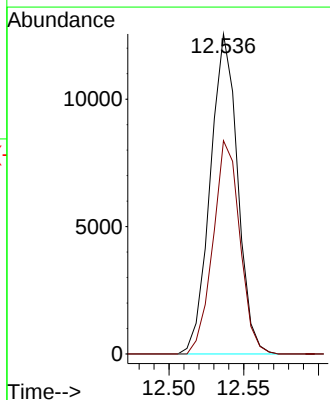
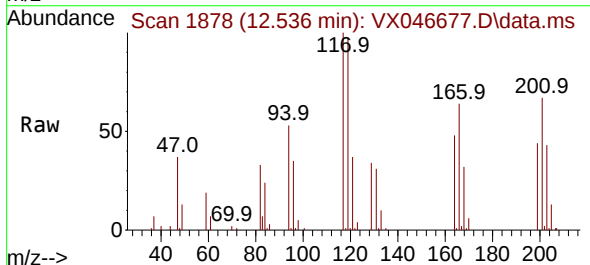
Reviewed By :John
Carlone
06/16/2025

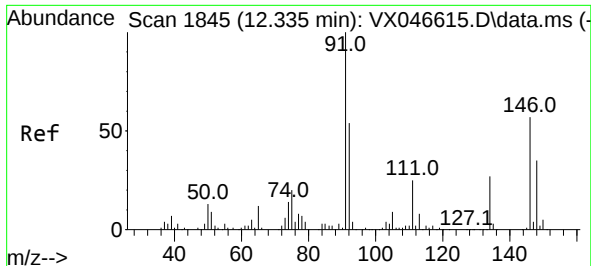
Supervised By :Mahesh
Dadoda
06/16/2025



#86
Hexachloroethane
Concen: 20.524 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

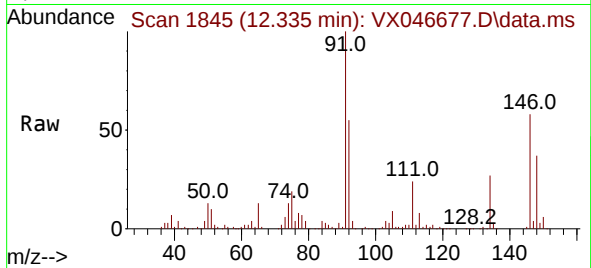
Tgt Ion:117 Resp: 15988
Ion Ratio Lower Upper
117 100
201 65.4 31.7 95.1





#87
1,2-Dichlorobenzene
Concen: 22.025 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

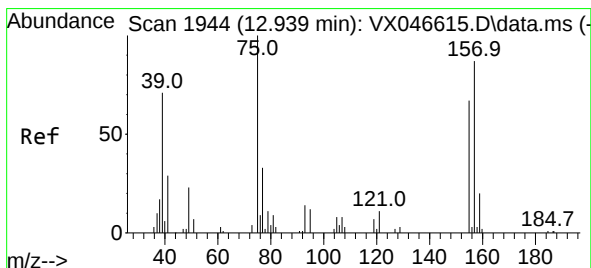
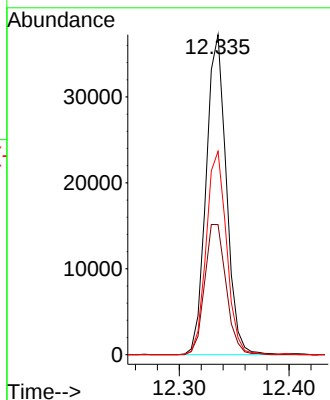
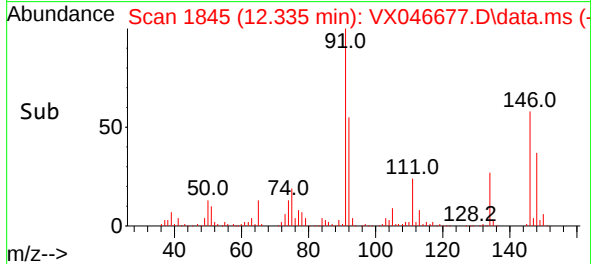


Tgt Ion:146 Resp: 4765
Ion Ratio Lower Upper
146 100
111 43.2 22.9 68.5
148 64.1 31.6 94.8

Manual Integrations
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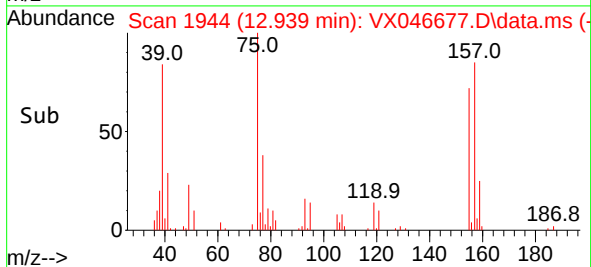
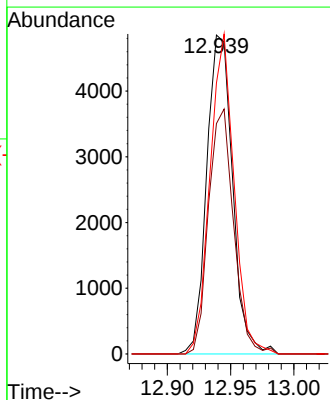
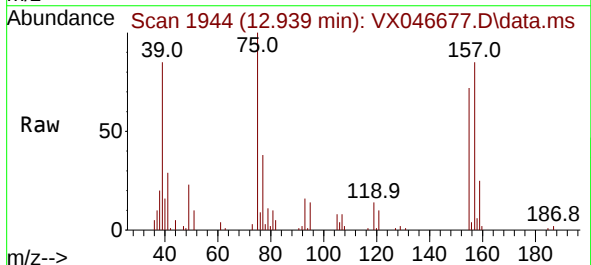
Reviewed By :John
Carlone
06/16/2025

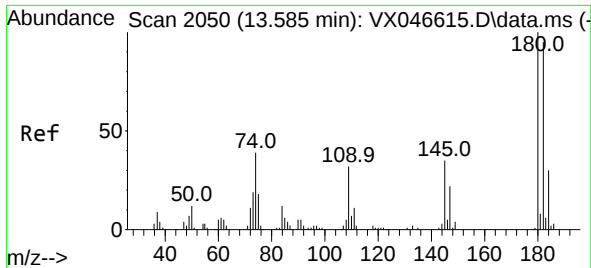
Supervised By :Mahesh
Dadoda
06/16/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.014 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

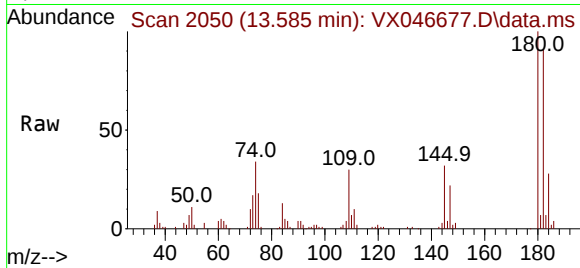
Tgt Ion: 75 Resp: 6875
Ion Ratio Lower Upper
75 100
155 74.2 59.4 89.2
157 93.6 75.0 112.6





#89
1,2,4-Trichlorobenzene
Concen: 21.849 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

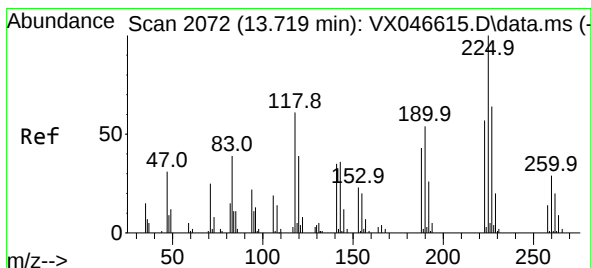
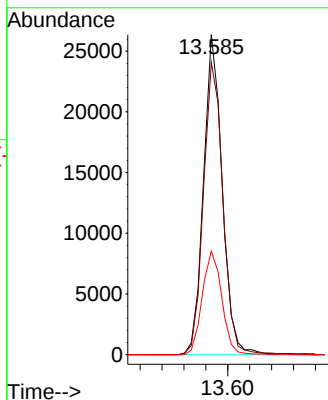
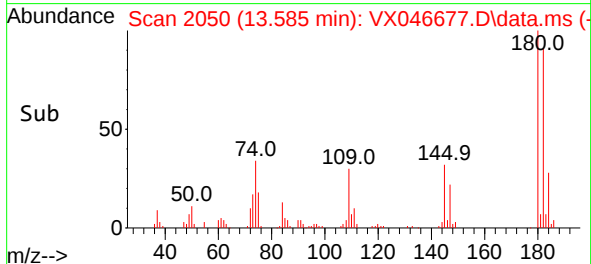


Tgt Ion:180 Resp: 31164
Ion Ratio Lower Upper
180 100
182 94.9 75.0 112.6
145 33.8 27.4 41.0

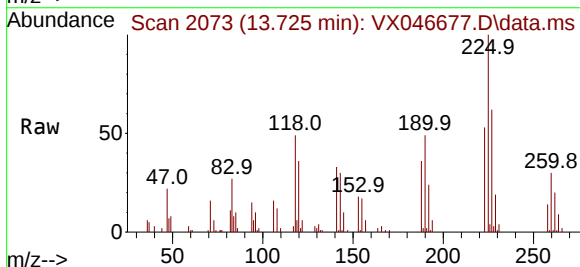
Manual Integrations
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Reviewed By :John
Carlone
06/16/2025

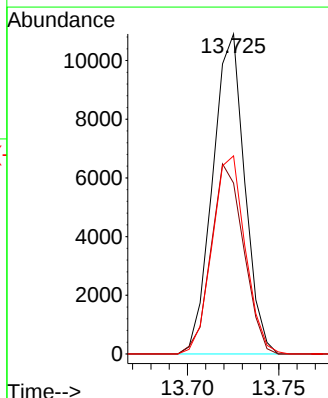
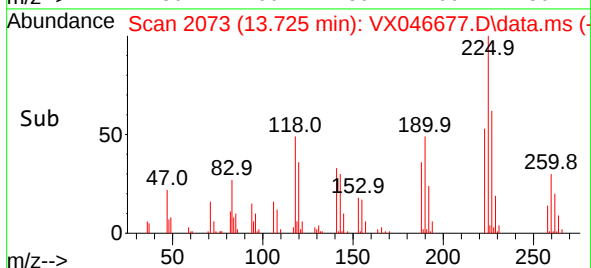
Supervised By :Mahesh
Dadoda
06/16/2025

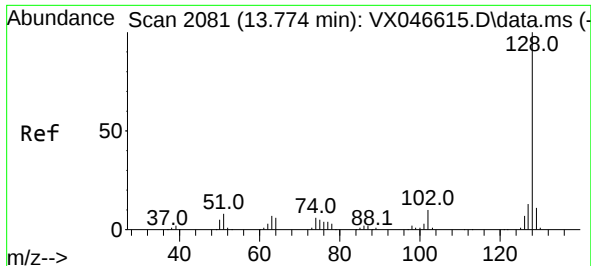


#90
Hexachlorobutadiene
Concen: 21.185 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25



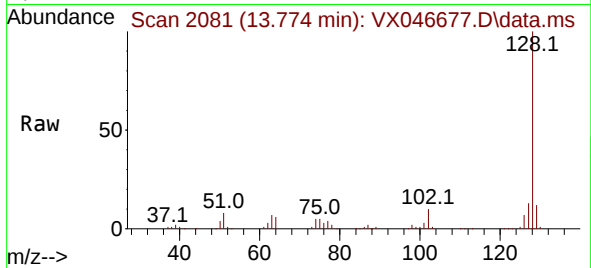
Tgt Ion:225 Resp: 13305
Ion Ratio Lower Upper
225 100
223 60.5 0.0 126.4
227 64.0 0.0 131.4





#91
Naphthalene
Concen: 21.699 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

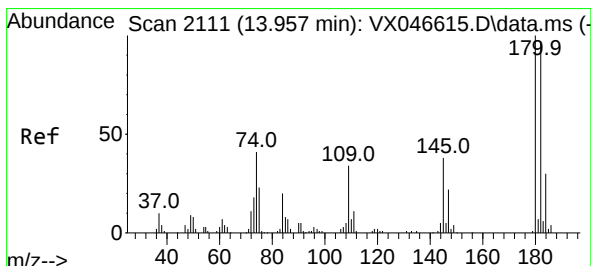
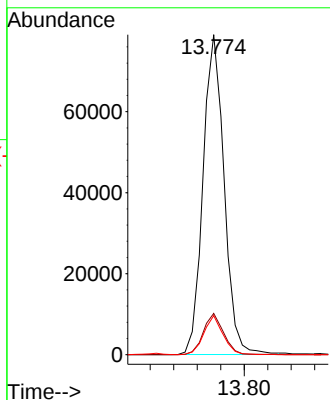
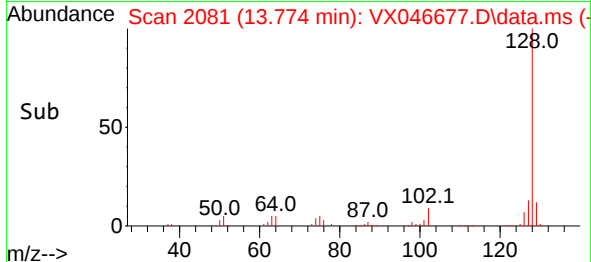


Tgt Ion:128 Resp: 9819
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 11.2 8.8 13.2

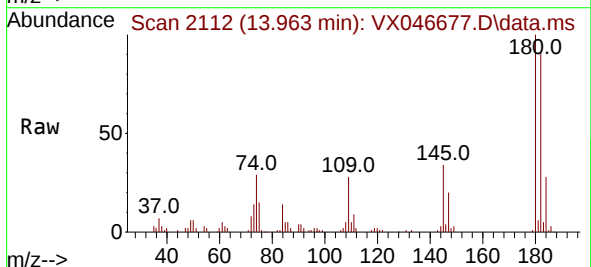
Manual Integrations
APPROVED

Reviewed By :John
Carlone
06/16/2025

Supervised By :Mahesh
Dadoda
06/16/2025



#92
1,2,3-Trichlorobenzene
Concen: 21.861 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046677.D
Acq: 13 Jun 2025 10:25



Tgt Ion:180 Resp: 30606
Ion Ratio Lower Upper
180 100
182 93.8 0.0 190.2
145 36.0 0.0 71.8

