

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046777.D
 Acq On : 20 Jun 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Manual Integrations

APPROVED

Reviewed By :John
 Carlone

06/23/2025

Supervised By :Mahesh
 Dadoda

06/23/2025

Quant Time: Jun 20 23:11:58 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	4.904	128	22575m	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.763	114	140486	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	129246	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	54245	29.684	ug/l	-0.01
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.933%
60) 4-Bromofluorobenzene	11.079	95	64960	29.819	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.400%
63) Toluene-d8	8.647	98	168309	29.154	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.167%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	28793	19.618	ug/l	97
3) Chloromethane	1.307	50	30955	20.471	ug/l	92
4) Vinyl Chloride	1.386	62	32642	22.391	ug/l	99
5) Bromomethane	1.630	94	19924	22.885	ug/l	88
6) Chloroethane	1.709	64	20308	24.248	ug/l	96
7) Trichlorofluoromethane	1.904	101	47875	22.928	ug/l	94
8) Diethyl Ether	2.148	74	15271	20.873	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.349	101	27484	19.783	ug/l	91
10) 1,1-Dichloroethene	2.337	96	28698	21.295	ug/l	96
11) Methyl Iodide	2.465	142	30595	16.652	ug/l #	44
12) Methyl Acetate	2.709	43	22118	13.021	ug/l	98
13) Acrolein	2.245	56	16319	98.040	ug/l	100
14) Acrylonitrile	3.068	53	55198	79.072	ug/l	99
15) Acetone	2.386	58	12387	77.599	ug/l	78
16) Carbon Disulfide	2.526	76	81390	21.768	ug/l	99
17) Allyl chloride	2.678	41	49288	20.158	ug/l	95
18) Methylene Chloride	2.800	84	29832	20.058	ug/l	98
19) trans-1,2-Dichloroethene	3.105	96	29121	20.852	ug/l	98
20) Diisopropyl ether	3.763	45	97531	21.084	ug/l	93
21) 1,1-Dichloroethane	3.623	63	55393	20.899	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	30483	18.722	ug/l	86
23) tert-Butyl Alcohol	2.947	59	7915	56.138	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	74481	18.092	ug/l	96
25) Chloroform	5.099	83	54460	19.962	ug/l	97
26) Cyclohexane	5.477	56	51000	21.090	ug/l #	96
29) 1,1-Dichloropropene	5.696	75	39641	17.934	ug/l	97
30) 2-Butanone	4.562	43	58354	59.249	ug/l	99
31) 2,2-Dichloropropane	4.483	77	40775	20.779	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	46106	16.881	ug/l	97
33) Carbon Tetrachloride	5.678	117	33349m	13.758	ug/l	
34) Benzene	6.044	78	117663	18.119	ug/l #	93
35) Methacrylonitrile	4.928	41	16922m	14.011	ug/l	
36) 1,2-Dichloroethane	6.086	62	39738	16.173	ug/l #	92
37) Trichloroethene	7.123	130	29997	18.408	ug/l	90
38) Methylcyclohexane	7.379	83	52584	18.742	ug/l	95
39) 1,2-Dichloropropane	7.434	63	29100	17.963	ug/l	97
40) Dibromomethane	7.580	93	19688	16.257	ug/l	75
41) Bromodichloromethane	7.818	83	43072	17.458	ug/l #	98
42) Vinyl Acetate	3.727	43	341046	80.249	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	27553m	13.207	ug/l	
44) Isopropyl Acetate	6.336	43	44872	13.750	ug/l	97
45) 1,4-Dioxane	7.659	88	5172	251.260	ug/l	97
46) Methyl methacrylate	7.690	41	23572m	13.229	ug/l	
47) n-amyl Acetate	10.841	43	41232	14.126	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	38046	17.202	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	43744	17.715	ug/l	93
50) 1,1,2-Trichloroethane	9.147	97	25905	16.972	ug/l #	80
51) Ethyl methacrylate	9.116	69	33976	14.640	ug/l	91
52) 1,3-Dichloropropane	9.305	76	45649	17.171	ug/l	99
53) Dibromochloromethane	9.506	129	9465m	5.261	ug/l	
54) 1,2-Dibromoethane	9.610	107	26332	16.401	ug/l	97
55) 2-Chloroethyl vinyl ether	8.238	63	111608	92.082	ug/l	99
56) Bromoform	10.811	173	1662m	1.495	ug/l	
58) 4-Methyl-2-Pentanone	8.567	43	128955	61.339	ug/l	98
59) 2-Hexanone	9.427	43	84809	57.183	ug/l	95
61) Tetrachloroethene	9.269	164	25971	19.174	ug/l	97
62) Toluene	8.714	91	128254	18.311	ug/l	100
64) Chlorobenzene	10.073	112	82695	18.304	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.159	131	27512	18.171	ug/l	99
66) Ethyl Benzene	10.189	91	143200	17.905	ug/l	98
67) m/p-Xylenes	10.299	106	109605	37.051	ug/l	95
68) o-Xylene	10.640	106	52326	18.371	ug/l	96
69) Styrene	10.652	104	89777	18.389	ug/l	97
70) Isopropylbenzene	10.957	105	137878	18.038	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	33606	14.967	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	26637m	14.210	ug/l	
73) Bromobenzene	11.195	156	33374	18.627	ug/l	95
74) n-propylbenzene	11.299	91	169277	18.520	ug/l	100
75) 2-Chlorotoluene	11.360	91	98731	18.044	ug/l	97
76) 1,3,5-Trimethylbenzene	11.445	105	115156	18.132	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	9363	14.786	ug/l #	76
78) 4-Chlorotoluene	11.451	91	114830	18.139	ug/l	96
79) tert-butylbenzene	11.713	119	118400	18.694	ug/l	94
80) 1,2,4-Trimethylbenzene	11.750	105	113653	18.120	ug/l	100
81) sec-Butylbenzene	11.884	105	150809	18.607	ug/l	98
82) p-Isopropyltoluene	12.006	119	125207	18.822	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	63193	18.947	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	63997	19.081	ug/l	97
85) n-Butylbenzene	12.329	91	118315	18.462	ug/l	98
86) Hexachloroethane	12.536	117	15682m	13.574	ug/l	
87) 1,2-Dichlorobenzene	12.335	146	60525	18.863	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	5664	12.228	ug/l	88
89) 1,2,4-Trichlorobenzene	13.585	180	40598	19.192	ug/l	98
90) Hexachlorobutadiene	13.719	225	17210	18.476	ug/l	73
91) Naphthalene	13.774	128	100889	15.033	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	37700	18.156	ug/l	98

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

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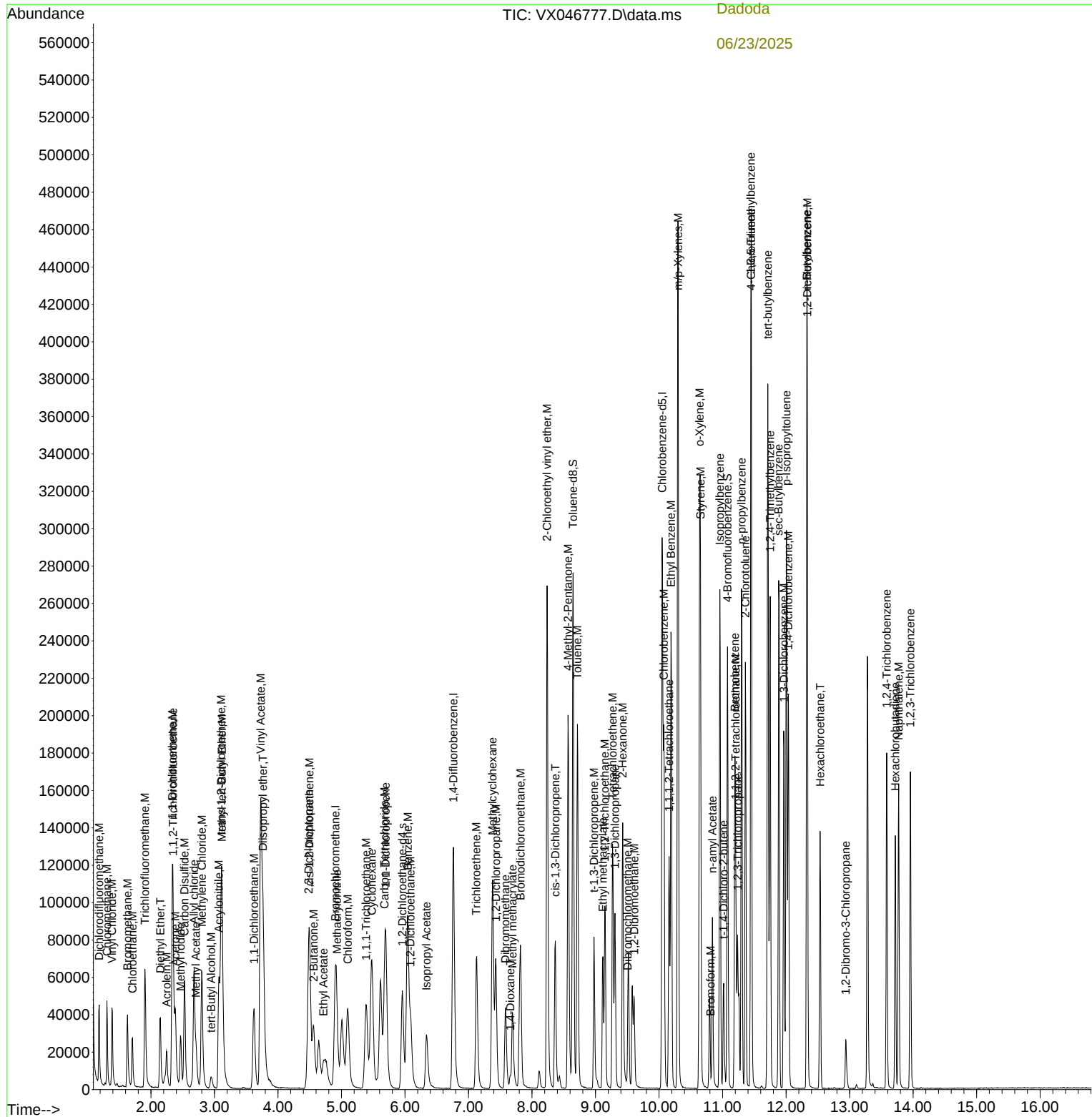
Quant Time: Jun 20 23:11:58 2025
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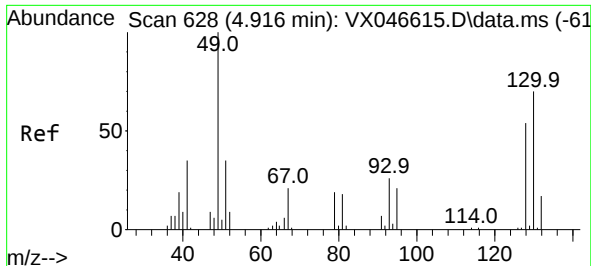
Manual Integrations APPROVED

Reviewed By :John
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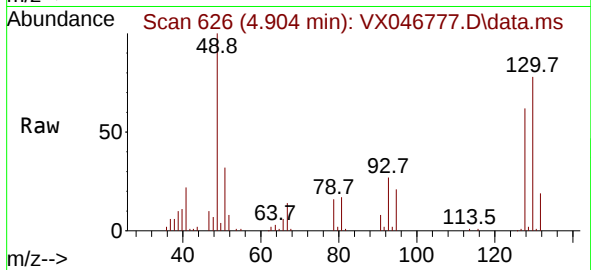
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#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.904 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

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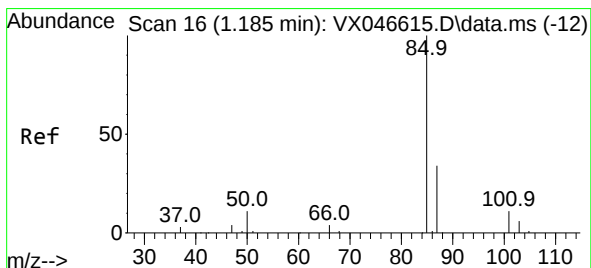
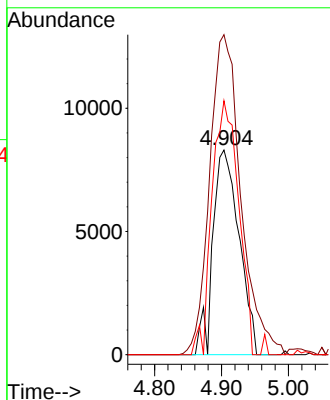
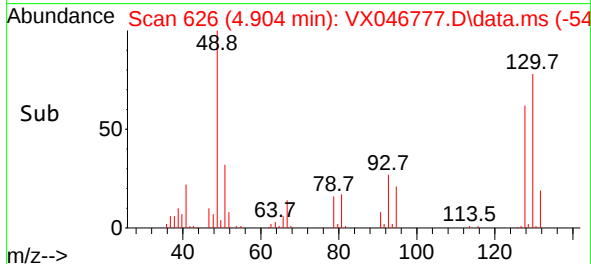
Tgt Ion:128 Resp: 2257
Ion Ratio Lower Upper
128 100
49 186.8 0.0 448.3
130 123.8 0.0 312.0

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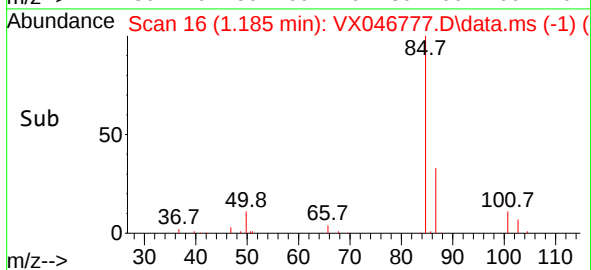
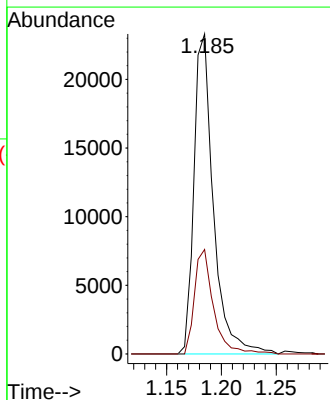
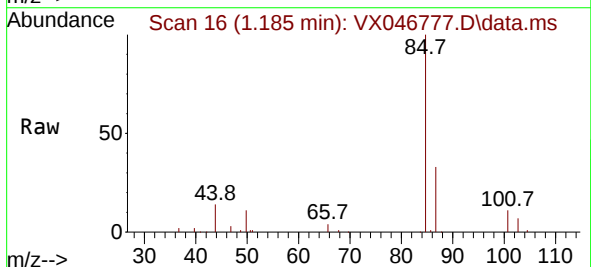
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Supervised By :Mahesh
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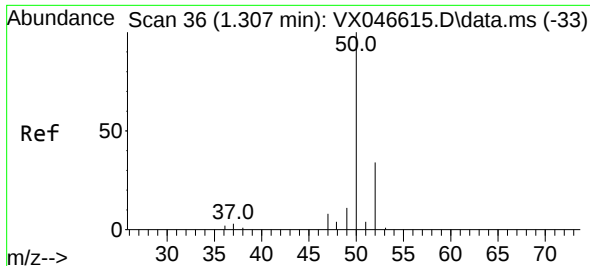
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#2
Dichlorodifluoromethane
Concen: 19.618 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

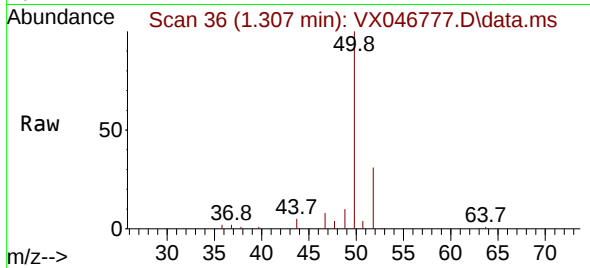
Tgt Ion: 85 Resp: 28793
Ion Ratio Lower Upper
85 100
87 32.6 17.1 51.3





#3
Chloromethane
Concen: 20.471 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
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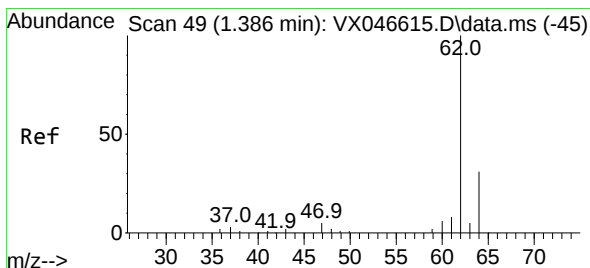
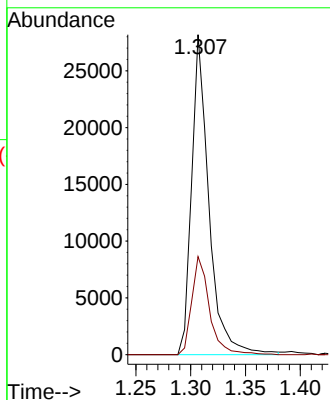
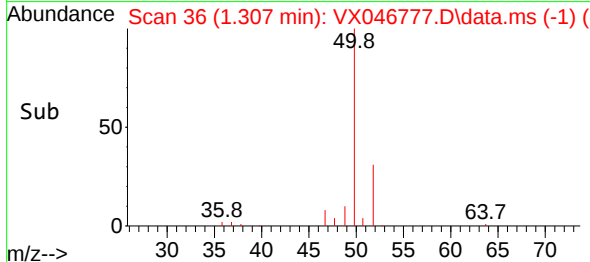
Tgt Ion: 50 Resp: 3095
Ion Ratio Lower Upper
50 100
52 29.9 27.4 41.2

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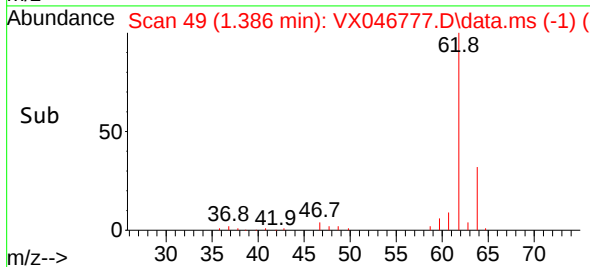
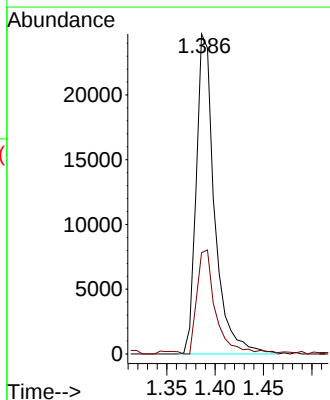
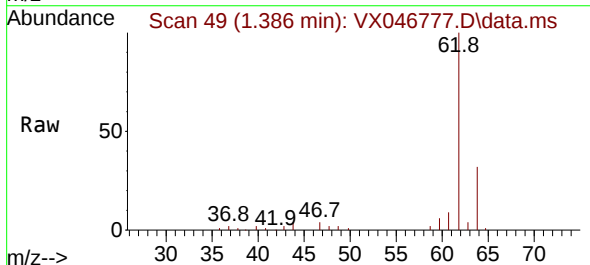
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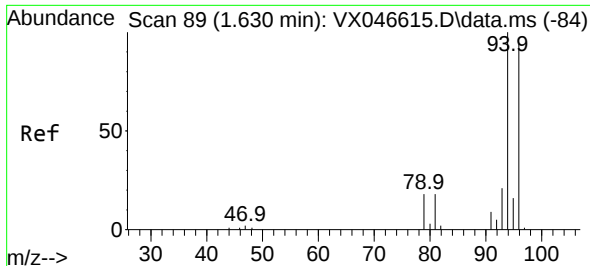
06/23/2025



#4
Vinyl Chloride
Concen: 22.391 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

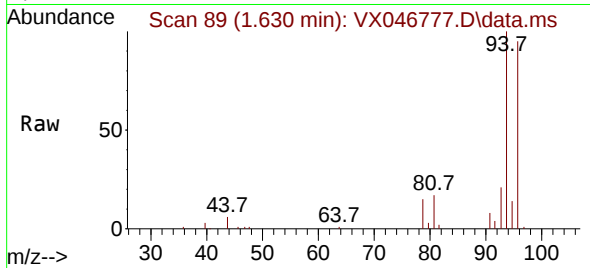
Tgt Ion: 62 Resp: 32642
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8





#5
Bromomethane
Concen: 22.885 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

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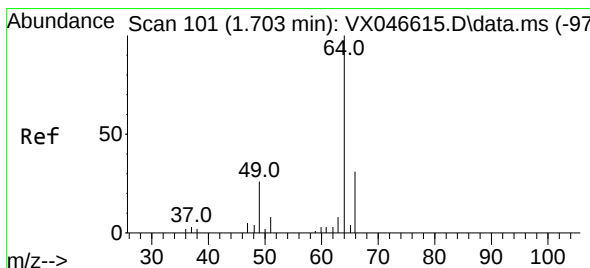
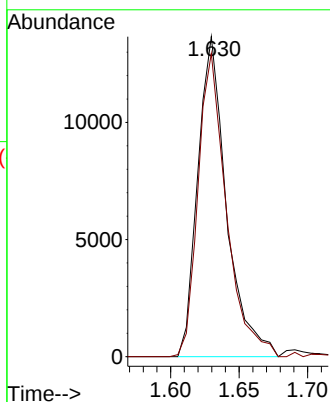
Tgt Ion: 94 Resp: 19924
Ion Ratio Lower Upper
94 100
96 82.9 75.5 113.3

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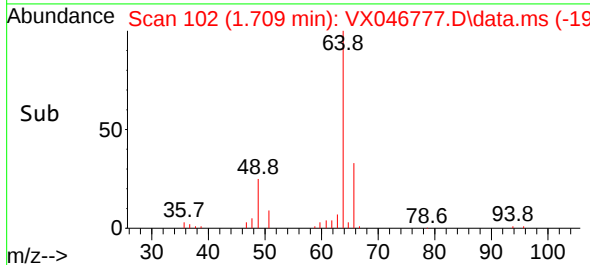
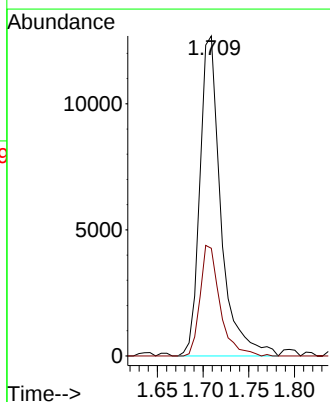
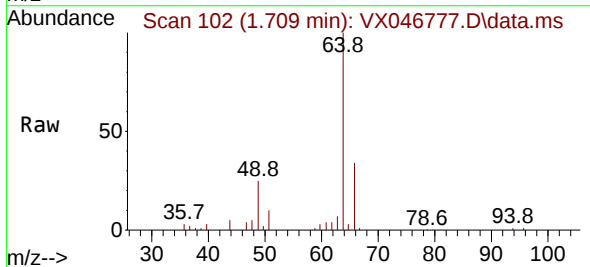
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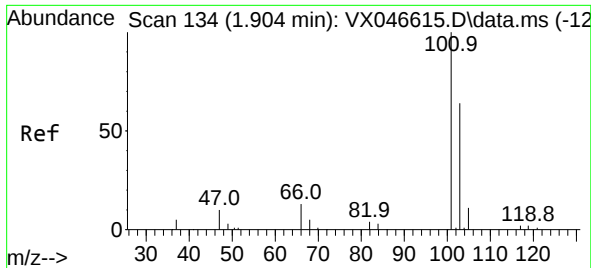
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#6
Chloroethane
Concen: 24.248 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Tgt Ion: 64 Resp: 20308
Ion Ratio Lower Upper
64 100
66 33.4 25.0 37.6





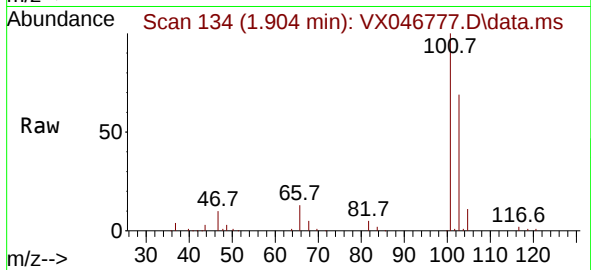
#7
 Trichlorofluoromethane
 Concen: 22.928 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046777.D
 Acq: 20 Jun 2025 09:16

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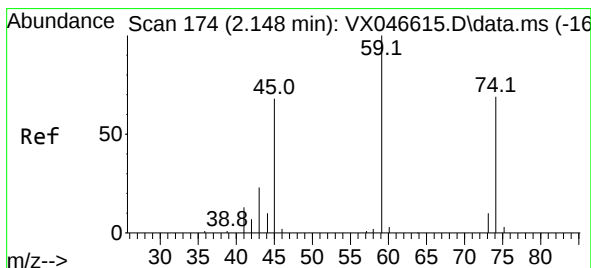
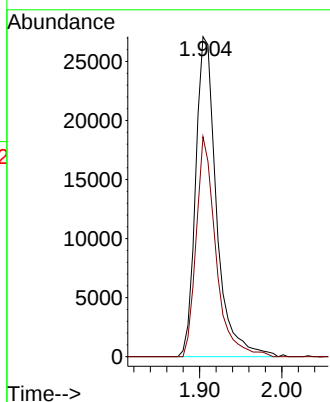
Tgt Ion:101 Resp: 4787
 Ion Ratio Lower Upper
 101 100
 103 68.8 51.5 77.3

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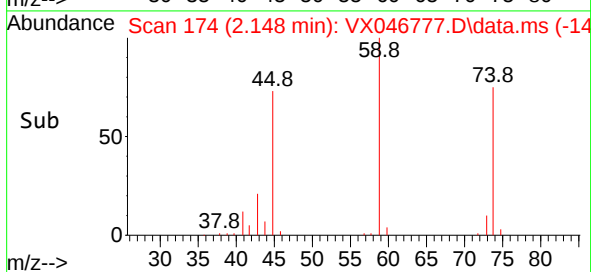
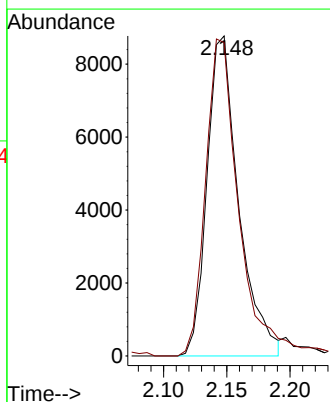
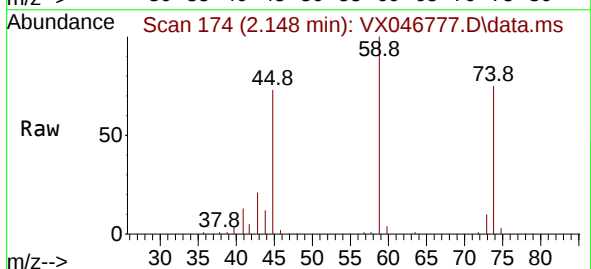
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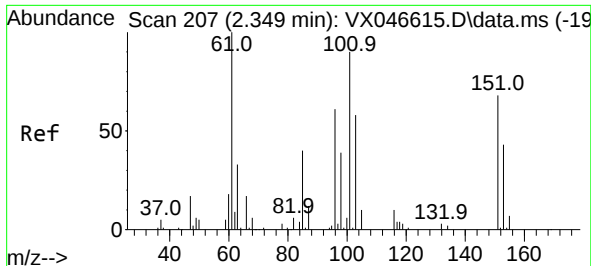
06/23/2025



#8
 Diethyl Ether
 Concen: 20.873 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX046777.D
 Acq: 20 Jun 2025 09:16

Tgt Ion: 74 Resp: 15271
 Ion Ratio Lower Upper
 74 100
 45 103.4 19.3 174.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.783 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046777.D
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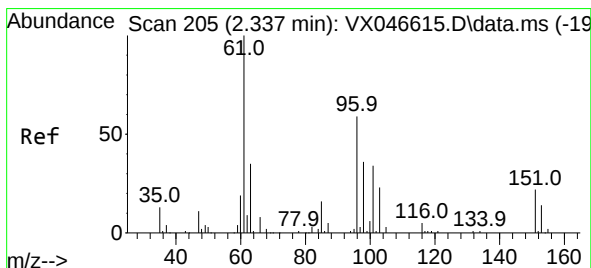
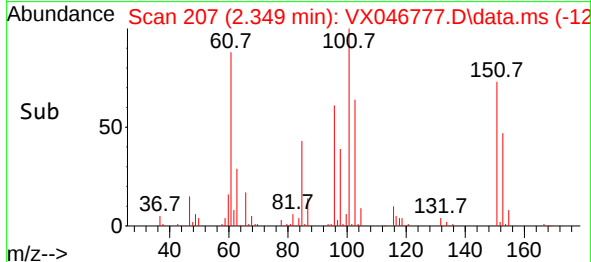
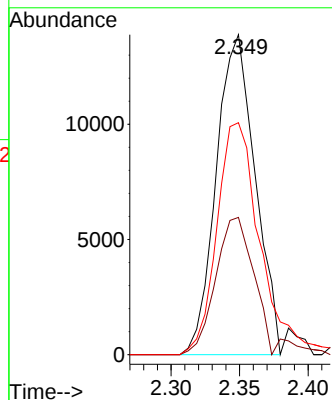
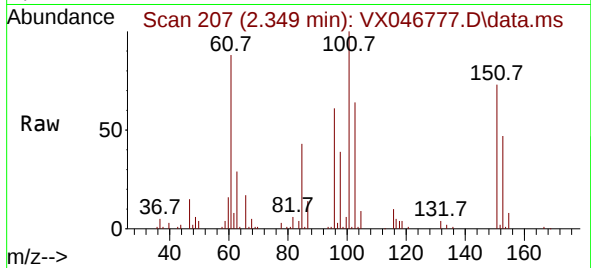
Tgt Ion:101 Resp: 27484
Ion Ratio Lower Upper
101 100
85 41.6 0.0 88.2
151 81.2 0.0 141.8

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Reviewed By :John
Carlone

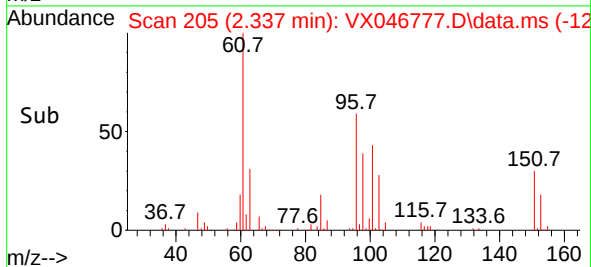
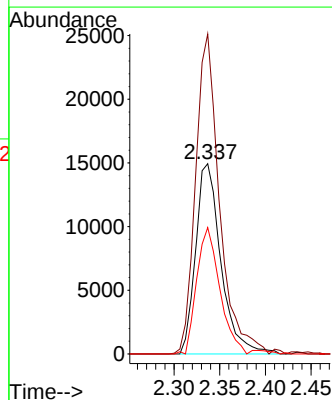
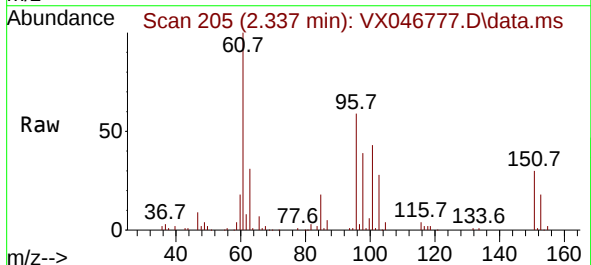
06/23/2025
Supervised By :Mahesh
Dadoda

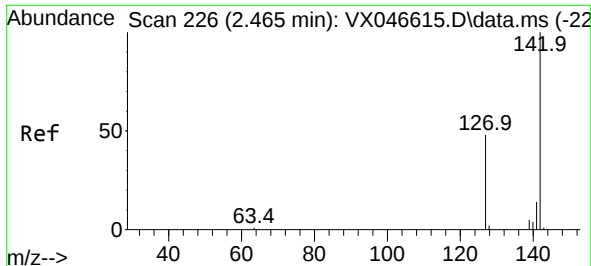
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#10
1,1-Dichloroethene
Concen: 21.295 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

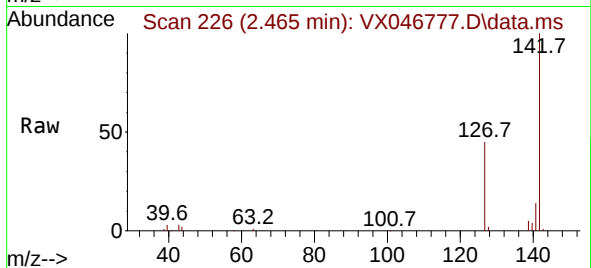
Tgt Ion: 96 Resp: 28698
Ion Ratio Lower Upper
96 100
61 172.8 135.1 202.7
98 65.4 49.0 73.4





#11
Methyl Iodide
Concen: 16.652 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



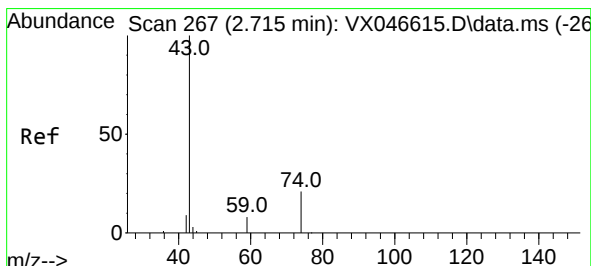
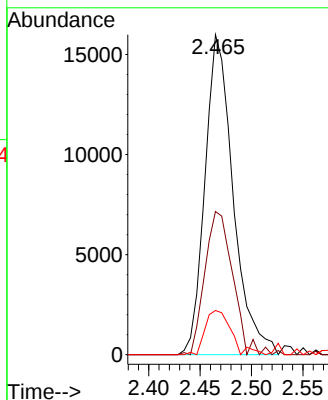
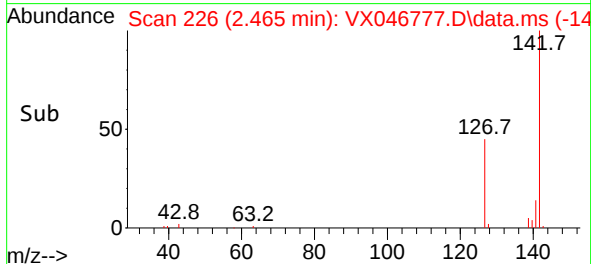
Tgt Ion:142 Resp: 3059
Ion Ratio Lower Upper
142 100
127 45.9 24.1 72.4
141 110.6 7.0 20.9

Manual Integrations
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Reviewed By :John
Carlone

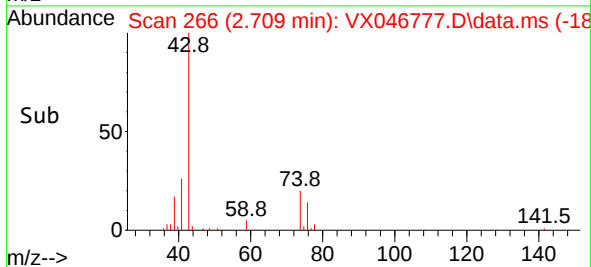
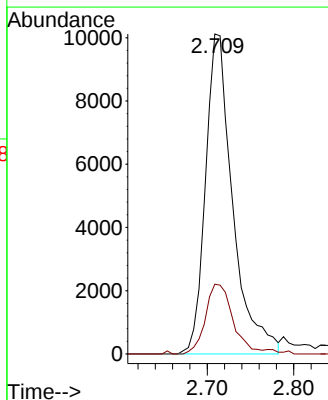
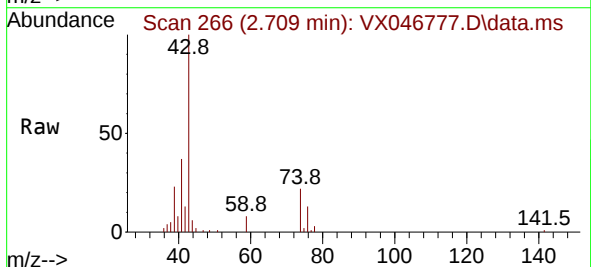
06/23/2025
Supervised By :Mahesh
Dadoda

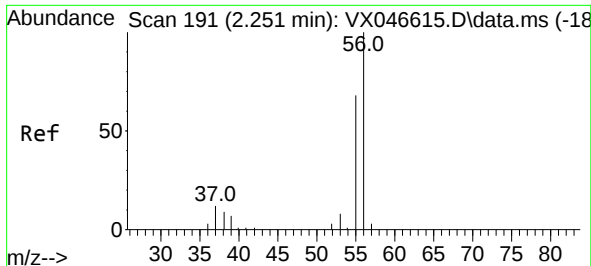
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#12
Methyl Acetate
Concen: 13.021 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Tgt Ion: 43 Resp: 22118
Ion Ratio Lower Upper
43 100
74 22.5 17.2 25.8





#13

Acrolein

Concen: 98.040 ug/l

RT: 2.245 min Scan# 191

Delta R.T. -0.006 min

Lab File: VX046777.D

Acq: 20 Jun 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 56 Resp: 16319

Ion Ratio Lower Upper

56 100

55 69.8 56.0 84.0

Manual Integrations

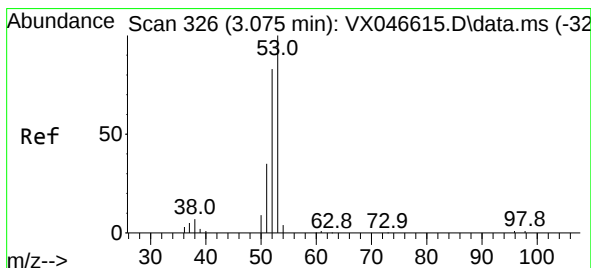
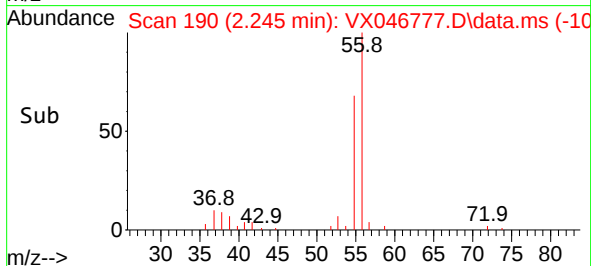
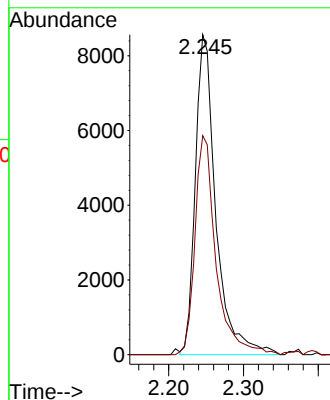
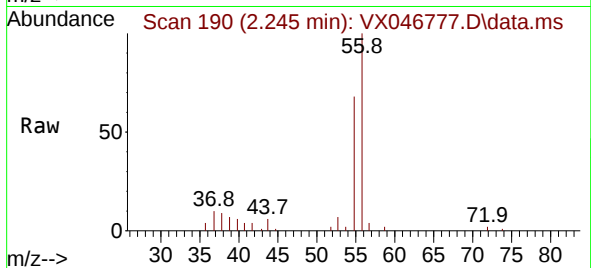
APPROVED

Reviewed By :John
Carlone

06/23/2025

Supervised By :Mahesh
Dadoda

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#14

Acrylonitrile

Concen: 79.072 ug/l

RT: 3.068 min Scan# 325

Delta R.T. -0.006 min

Lab File: VX046777.D

Acq: 20 Jun 2025 09:16

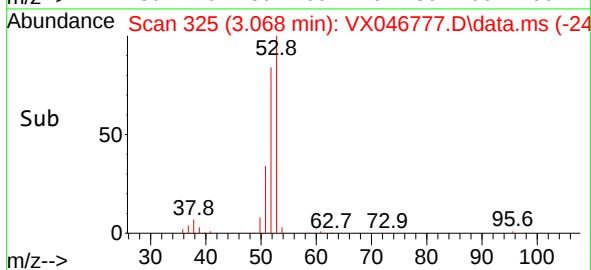
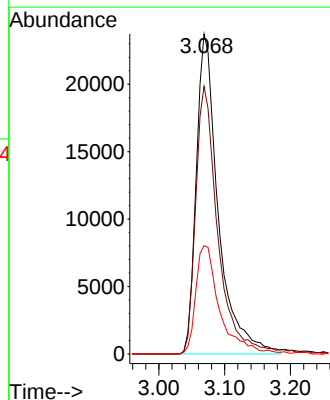
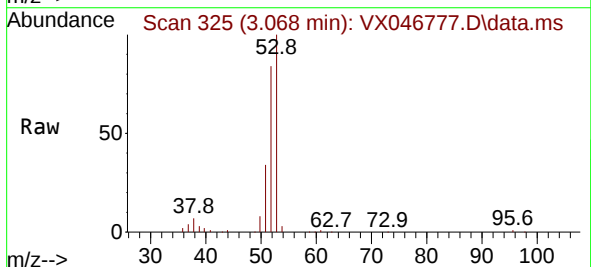
Tgt Ion: 53 Resp: 55198

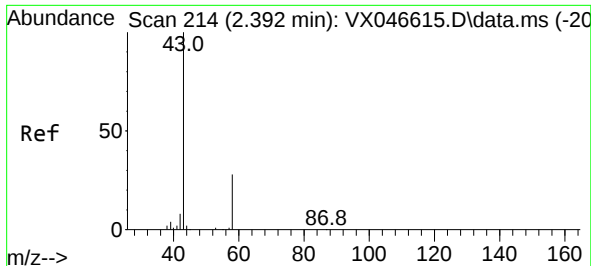
Ion Ratio Lower Upper

53 100

52 83.4 41.3 123.7

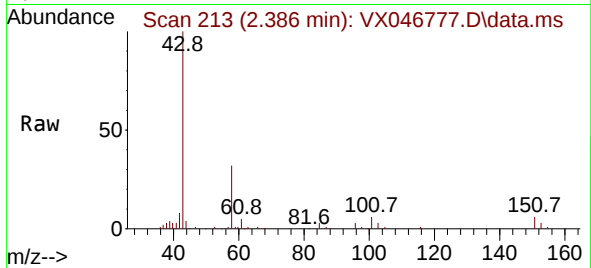
51 36.2 18.6 55.8





#15
Acetone
Concen: 77.599 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



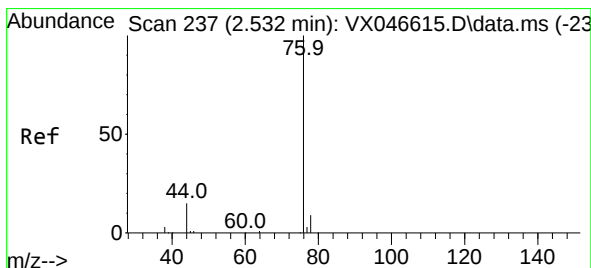
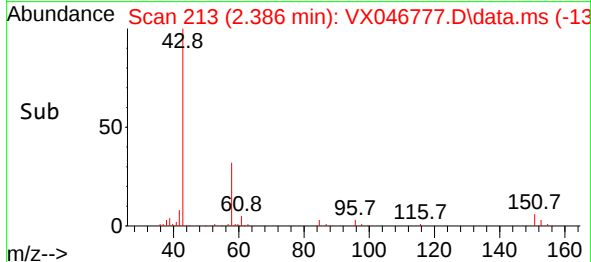
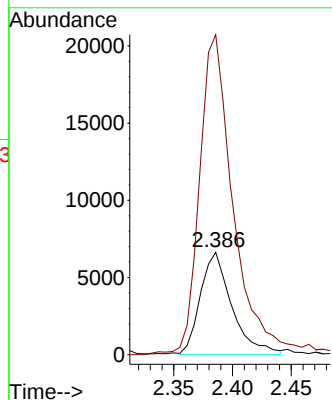
Tgt Ion: 58 Resp: 1238
Ion Ratio Lower Upper
58 100
43 313.5 290.6 435.8

Manual Integrations
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Reviewed By :John
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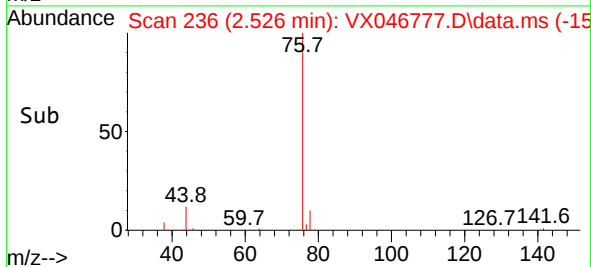
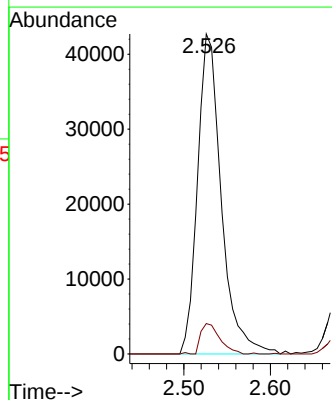
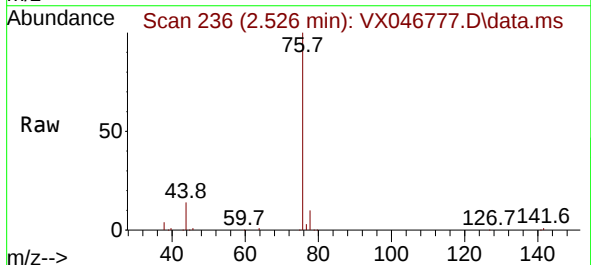
06/23/2025
Supervised By :Mahesh
Dadoda

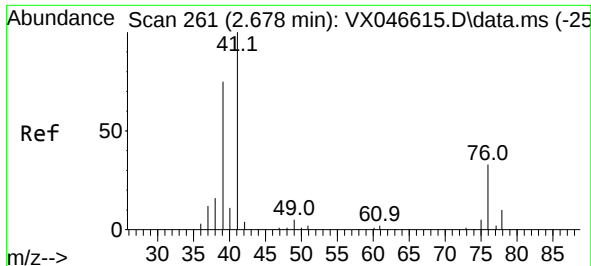
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#16
Carbon Disulfide
Concen: 21.768 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Tgt Ion: 76 Resp: 81390
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





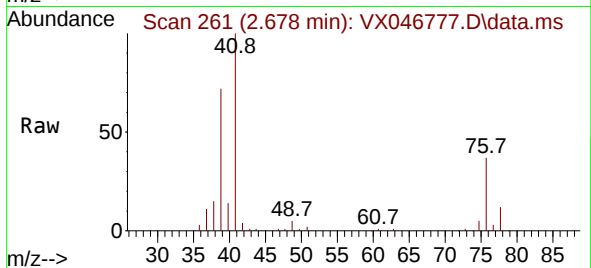
#17
 Allyl chloride
 Concen: 20.158 ug/l
 RT: 2.678 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX046777.D
 Acq: 20 Jun 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



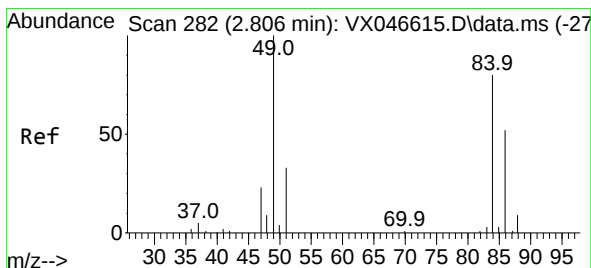
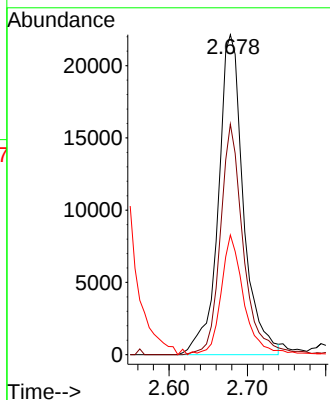
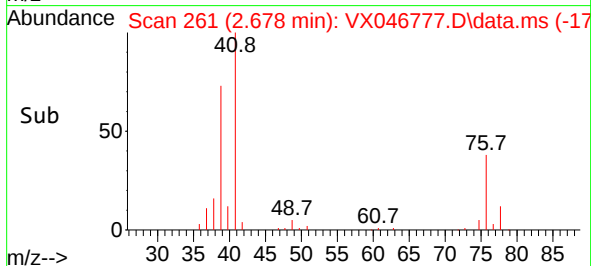
Tgt Ion: 41 Resp: 49288
 Ion Ratio Lower Upper
 41 100
 39 72.1 37.5 112.3
 76 40.1 17.4 52.3

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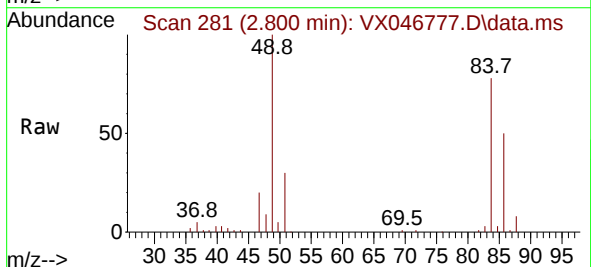
Reviewed By :John
 Carlone

06/23/2025
 Supervised By :Mahesh
 Dadoda

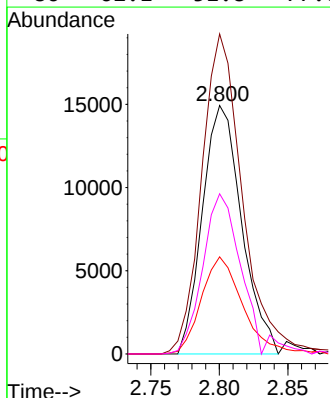
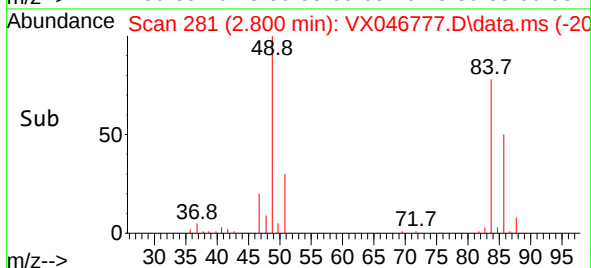
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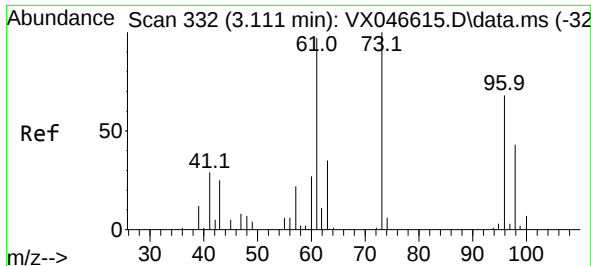


#18
 Methylene Chloride
 Concen: 20.058 ug/l
 RT: 2.800 min Scan# 281
 Delta R.T. -0.006 min
 Lab File: VX046777.D
 Acq: 20 Jun 2025 09:16



Tgt Ion: 84 Resp: 29832
 Ion Ratio Lower Upper
 84 100
 49 125.2 100.1 150.1
 51 37.3 33.0 49.4
 86 62.1 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 20.852 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 96 Resp: 2912
Ion Ratio Lower Upper
96 100
61 144.9 114.5 171.7
98 65.3 50.2 75.4

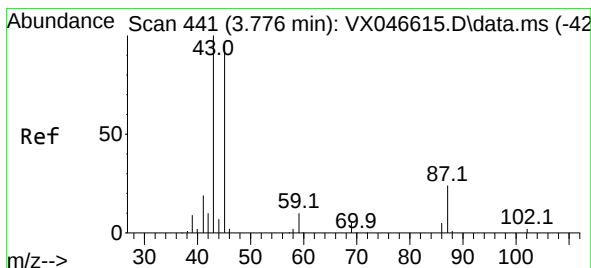
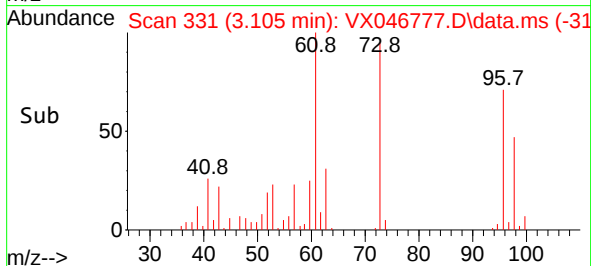
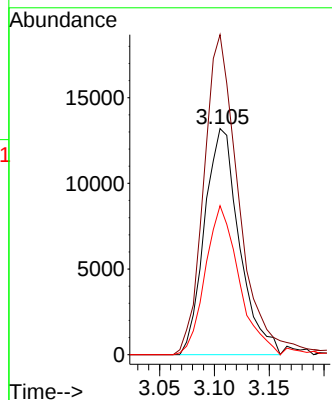
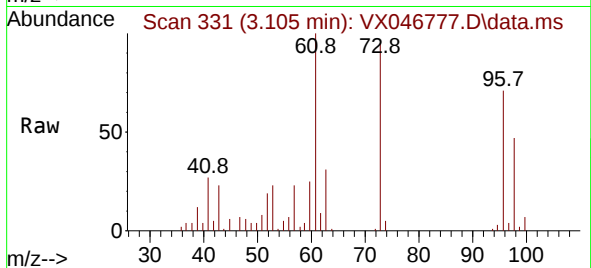
Manual Integrations
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Reviewed By :John
Carlone

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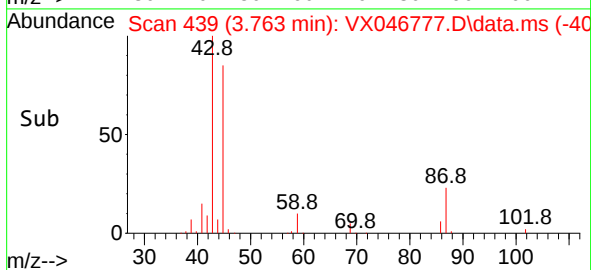
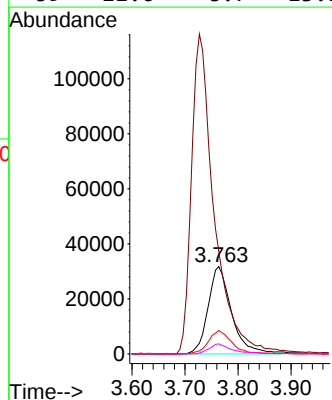
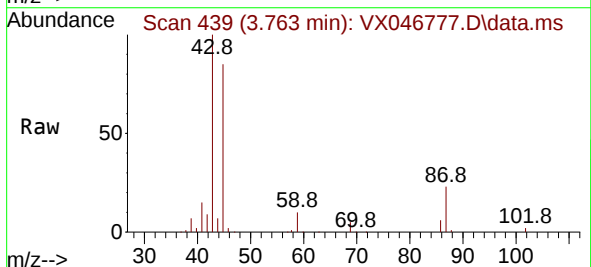
Supervised By :Mahesh
Dadoda

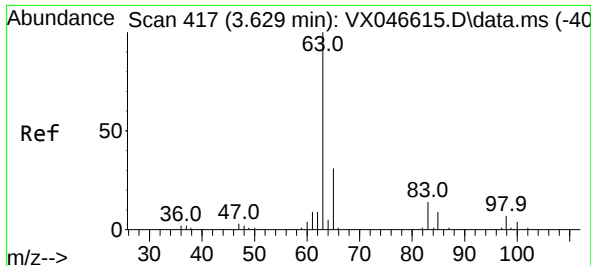
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#20
Diisopropyl ether
Concen: 21.084 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.012 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Tgt Ion: 45 Resp: 97531
Ion Ratio Lower Upper
45 100
43 113.0 83.2 124.8
87 27.0 20.2 30.4
59 11.6 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.899 ug/l

RT: 3.623 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX046777.D

Acq: 20 Jun 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63	Resp: 5539
Ion Ratio	Lower Upper
63 100	
98 7.4	3.6 10.8
100 4.5	1.8 5.5

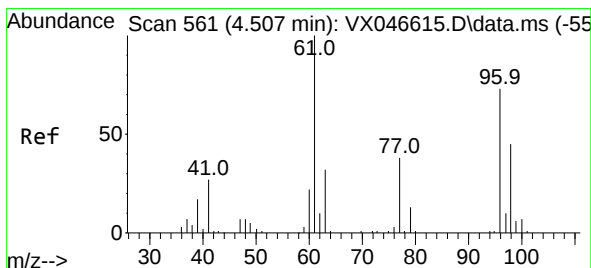
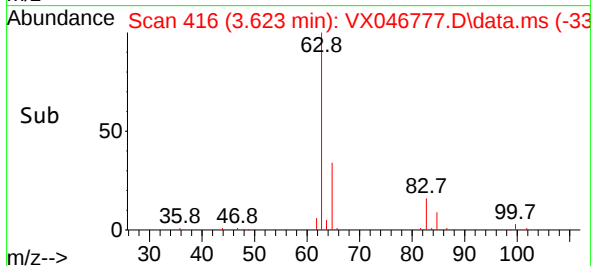
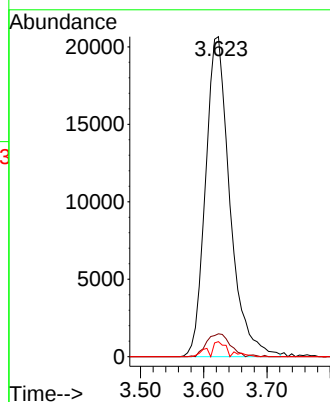
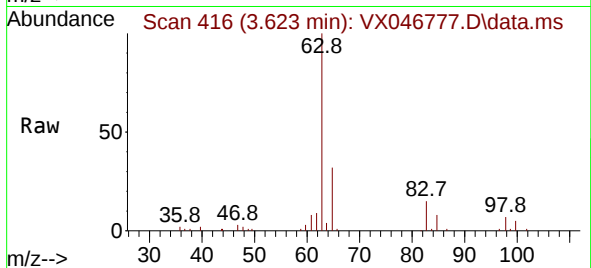
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

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#22

cis-1,2-Dichloroethene

Concen: 18.722 ug/l

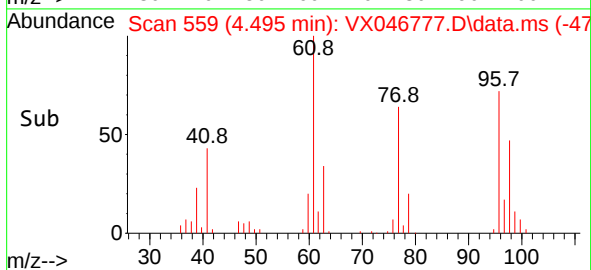
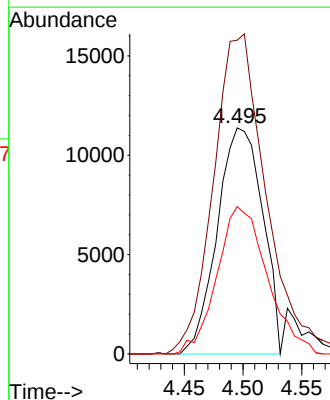
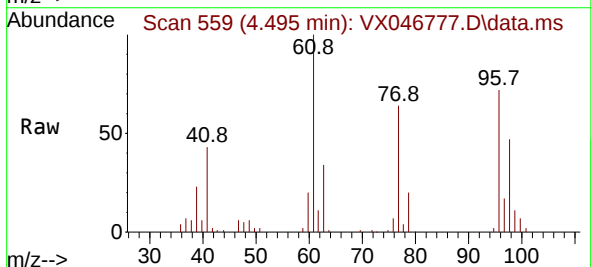
RT: 4.495 min Scan# 559

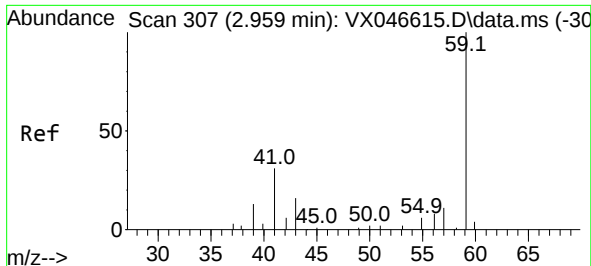
Delta R.T. -0.012 min

Lab File: VX046777.D

Acq: 20 Jun 2025 09:16

Tgt Ion: 96	Resp: 30483
Ion Ratio	Lower Upper
96 100	
61 166.8	118.6 177.8
98 72.5	49.6 74.4





#23
tert-Butyl Alcohol
Concen: 56.138 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

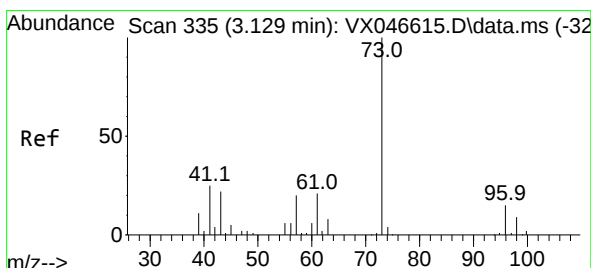
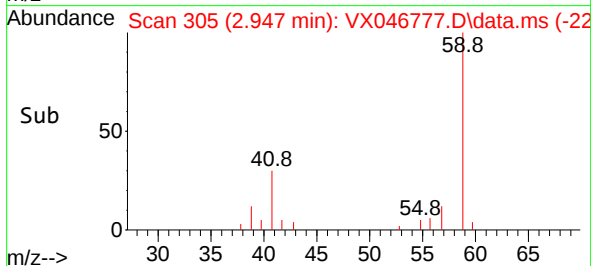
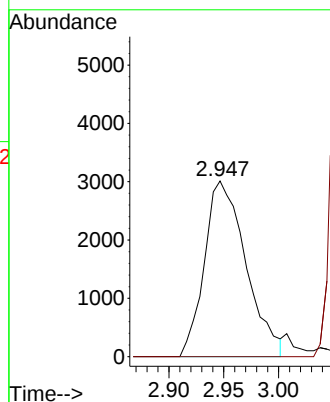
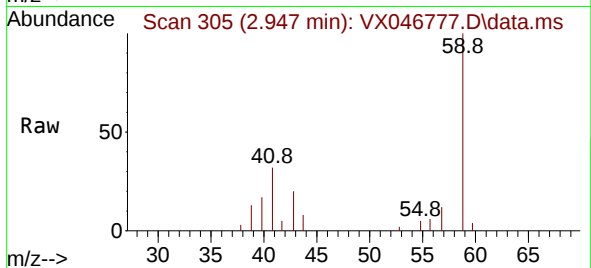
Tgt Ion: 59 Resp: 7915
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

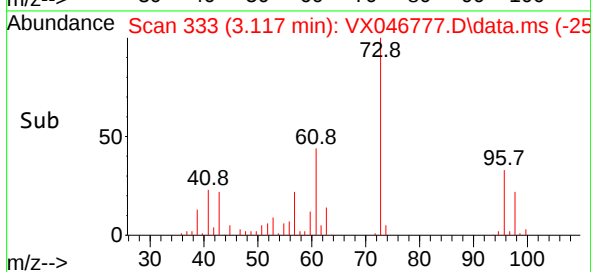
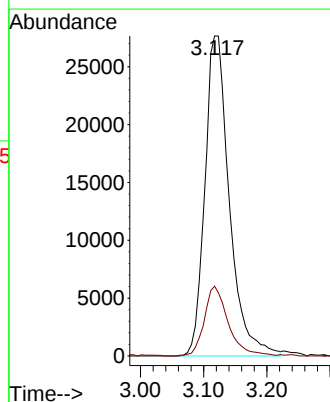
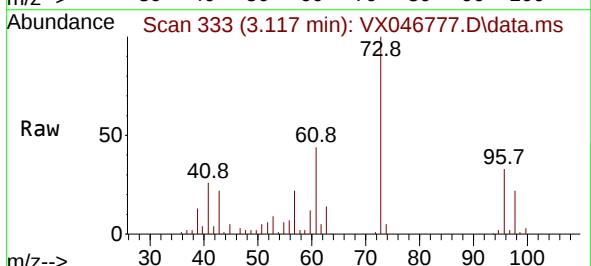
06/23/2025
Supervised By :Mahesh
Dadoda

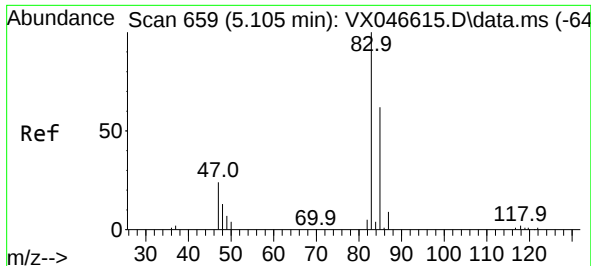
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#24
Methyl tert-Butyl Ether
Concen: 18.092 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.012 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Tgt Ion: 73 Resp: 74481
Ion Ratio Lower Upper
73 100
43 21.2 18.4 27.6





#25
Chloroform
Concen: 19.962 ug/l
RT: 5.099 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

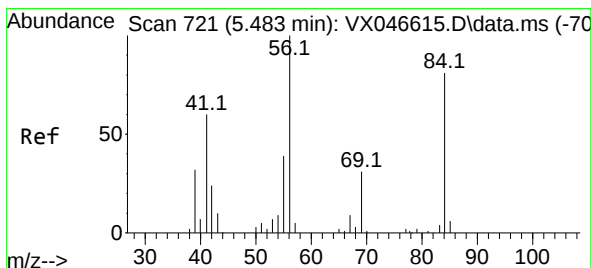
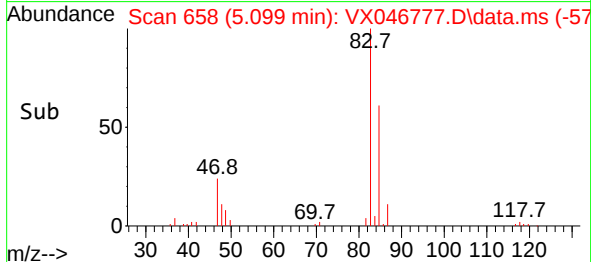
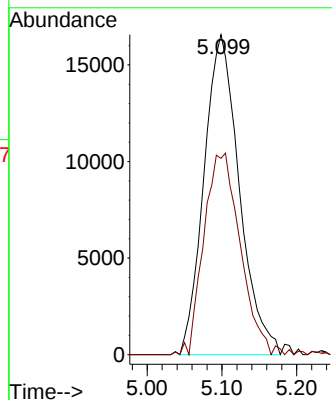
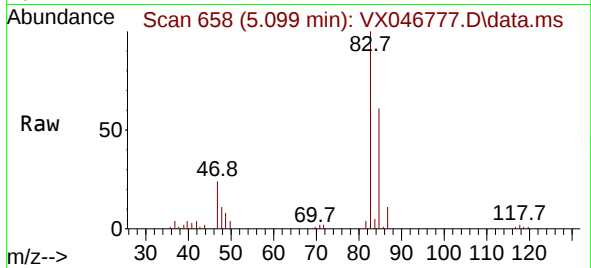
Tgt Ion: 83 Resp: 5446
Ion Ratio Lower Upper
83 100
85 60.0 49.8 74.6

Manual Integrations
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Reviewed By :John
Carlone

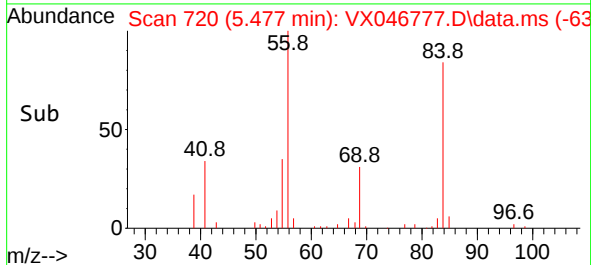
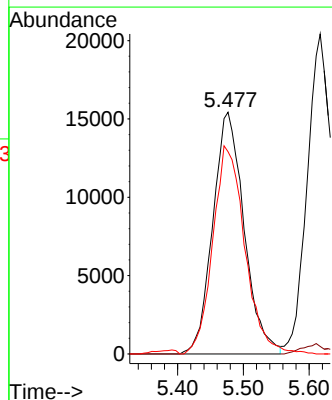
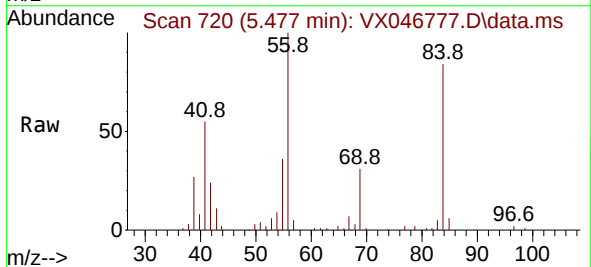
06/23/2025
Supervised By :Mahesh
Dadoda

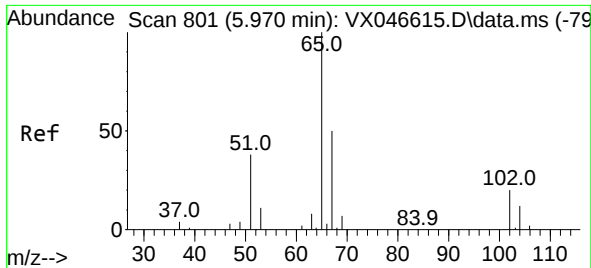
06/23/2025



#26
Cyclohexane
Concen: 21.090 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Tgt Ion: 56 Resp: 51000
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.0 67.4 101.0





#27
1,2-Dichloroethane-d4
Concen: 29.684 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.012 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDC020

Tgt Ion: 65 Resp: 5424
Ion Ratio Lower Upper
65 100
67 52.2 41.4 62.2

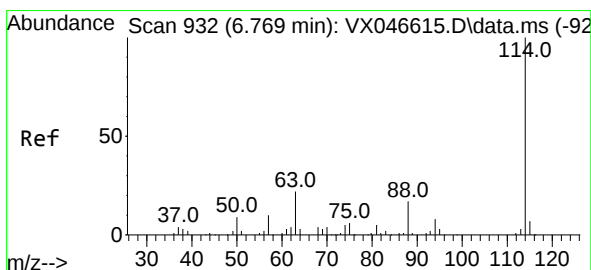
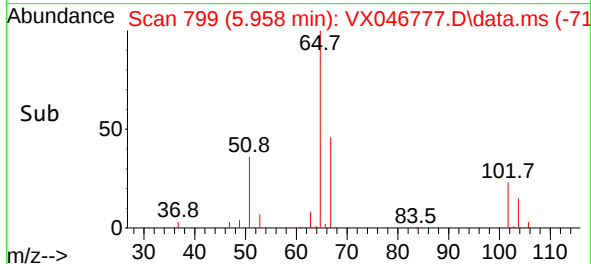
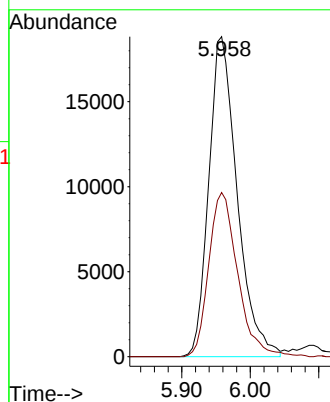
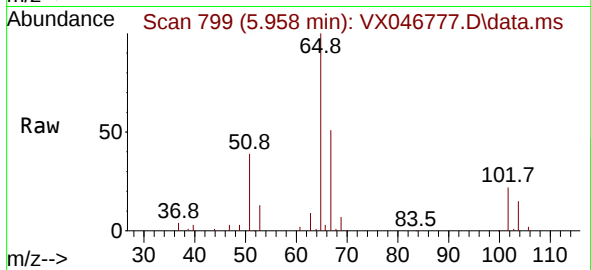
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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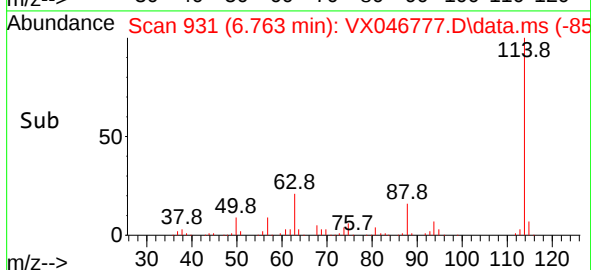
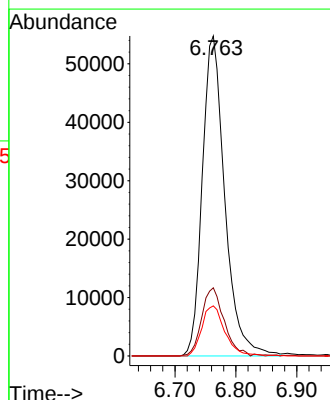
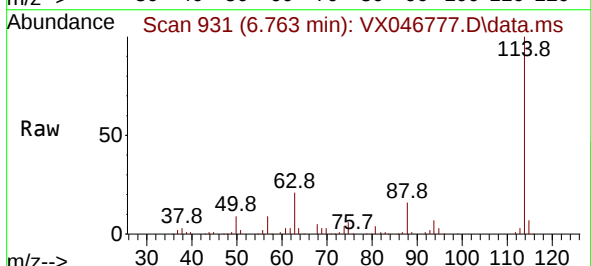
Supervised By :Mahesh
Dadoda

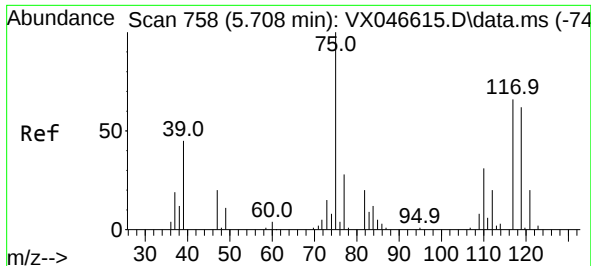
06/23/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

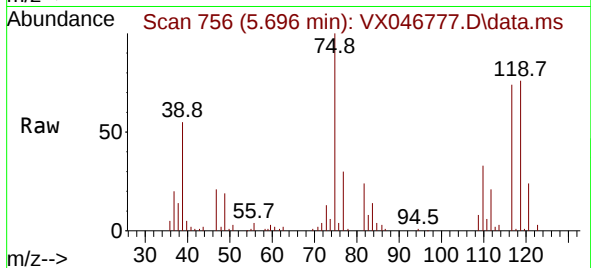
Tgt Ion:114 Resp: 140486
Ion Ratio Lower Upper
114 100
63 21.1 18.1 27.1
88 16.0 14.1 21.1





#29
1,1-Dichloropropene
Concen: 17.934 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.012 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



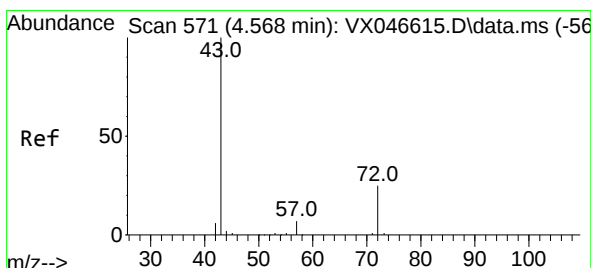
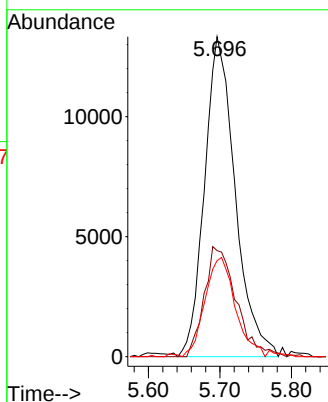
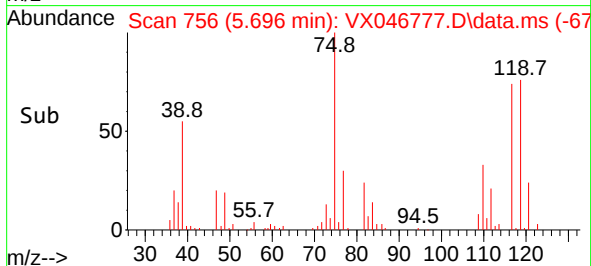
Tgt Ion: 75 Resp: 3964
Ion Ratio Lower Upper
75 100
110 35.7 0.0 65.4
77 30.6 0.0 59.8

Manual Integrations
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Reviewed By :John
Carlone

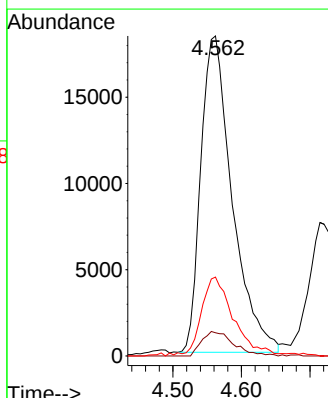
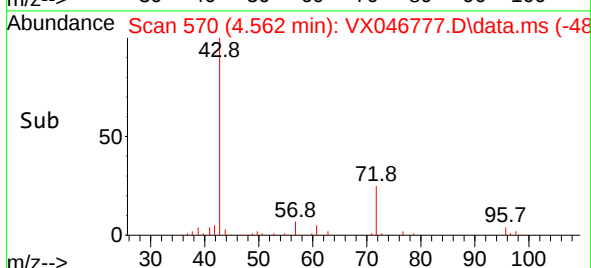
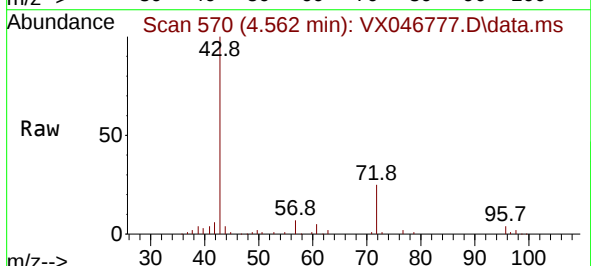
06/23/2025
Supervised By :Mahesh
Dadoda

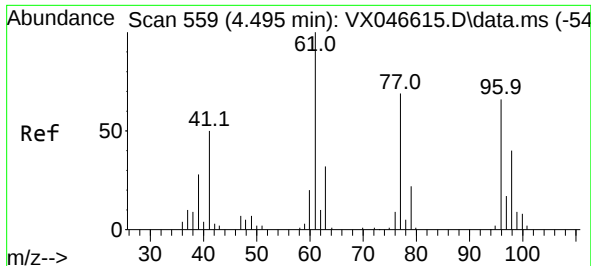
06/23/2025



#30
2-Butanone
Concen: 59.249 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

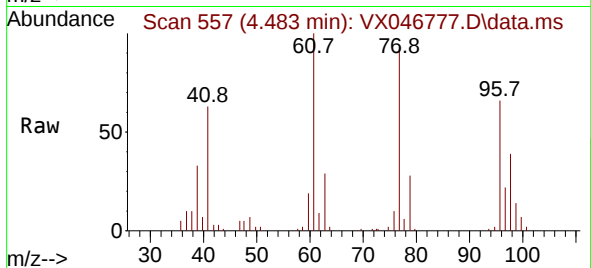
Tgt Ion: 43 Resp: 58354
Ion Ratio Lower Upper
43 100
57 7.8 5.8 8.6
72 24.0 19.4 29.2





#31
2,2-Dichloropropane
Concen: 20.779 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



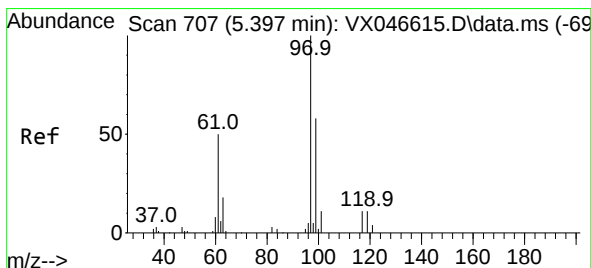
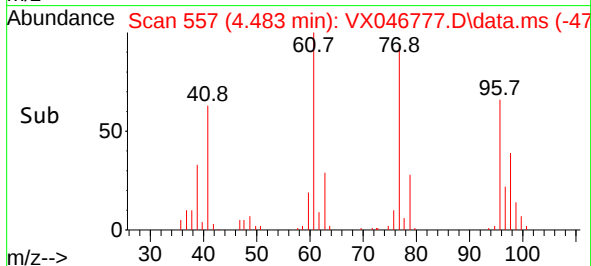
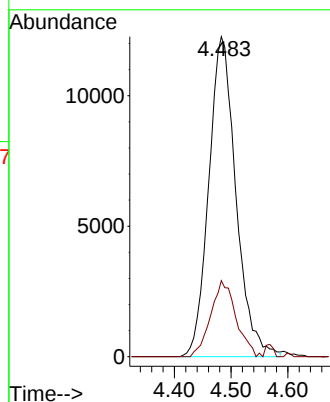
Tgt Ion: 77 Resp: 4077
Ion Ratio Lower Upper
77 100
97 22.1 18.6 27.8

Manual Integrations
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Reviewed By :John
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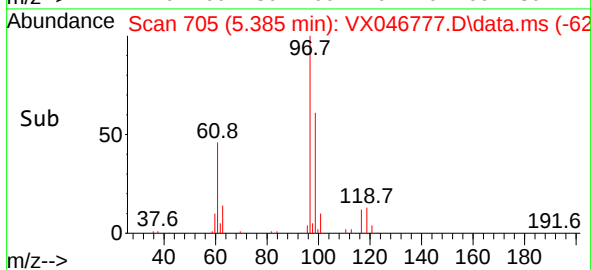
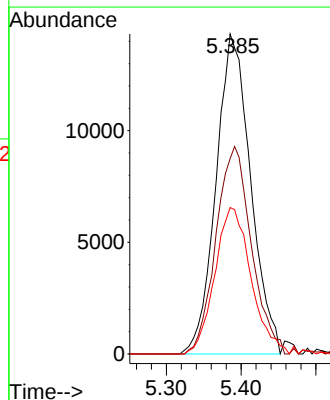
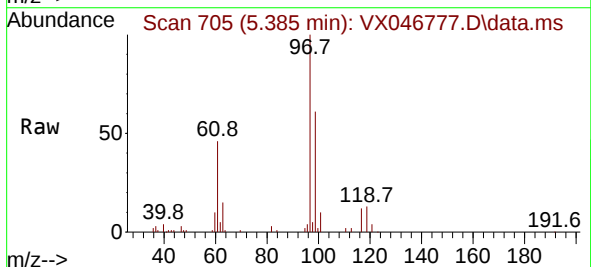
06/23/2025
Supervised By :Mahesh
Dadoda

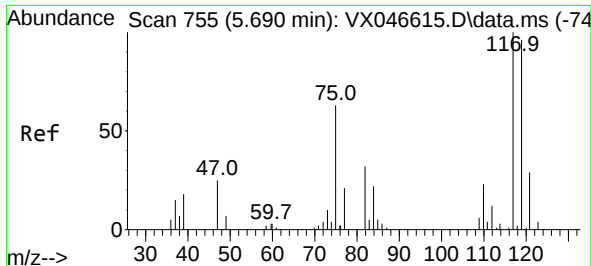
06/23/2025



#32
1,1,1-Trichloroethane
Concen: 16.881 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

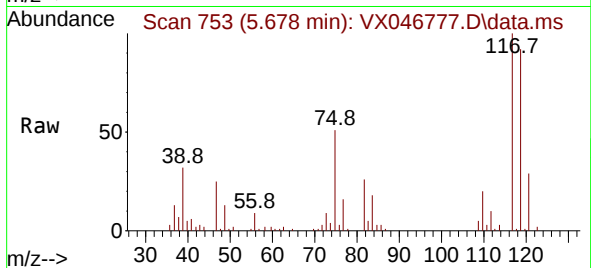
Tgt Ion: 97 Resp: 46106
Ion Ratio Lower Upper
97 100
99 66.3 51.2 76.8
61 47.8 39.5 59.3





#33
Carbon Tetrachloride
Concen: 13.758 ug/l m
RT: 5.678 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



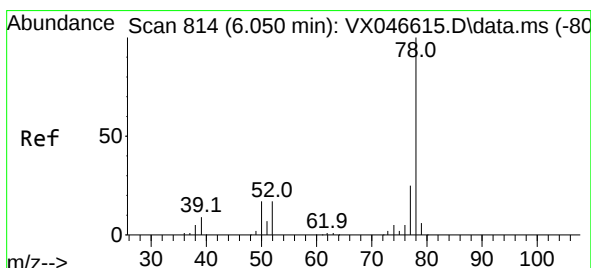
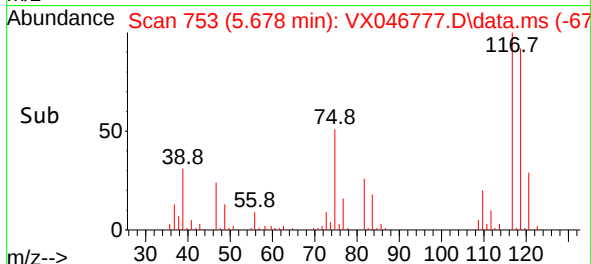
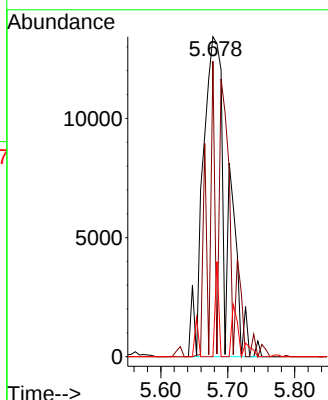
Tgt Ion:117 Resp: 33349
Ion Ratio Lower Upper
117 100
119 92.4 77.1 115.7
121 0.0 23.2 34.8

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Reviewed By :John
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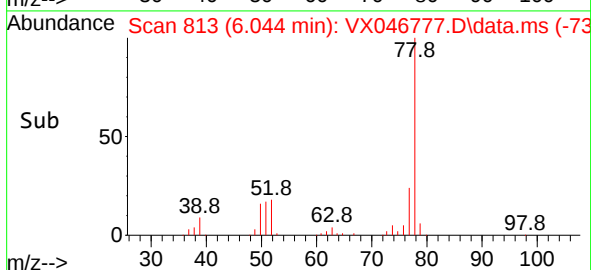
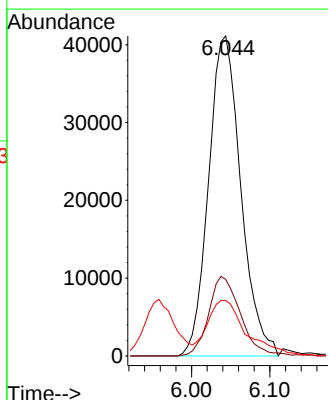
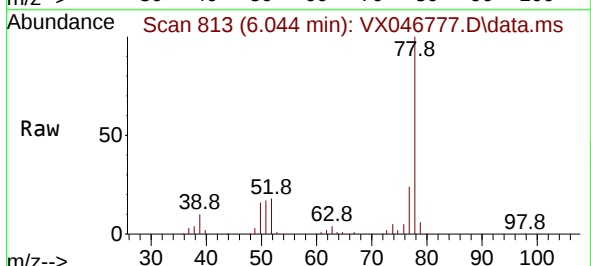
06/23/2025
Supervised By :Mahesh
Dadoda

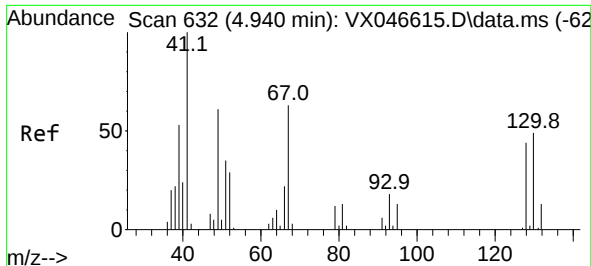
06/23/2025



#34
Benzene
Concen: 18.119 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

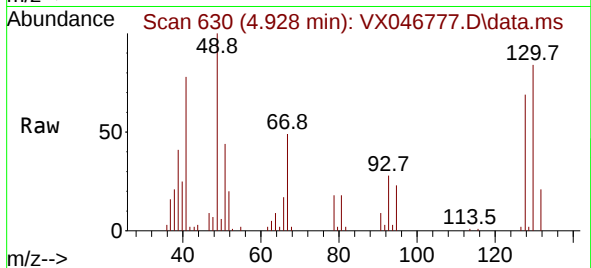
Tgt Ion: 78 Resp: 117663
Ion Ratio Lower Upper
78 100
77 22.2 19.8 29.8
51 13.7 14.7 22.1





#35
Methacrylonitrile
Concen: 14.011 ug/l m
RT: 4.928 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



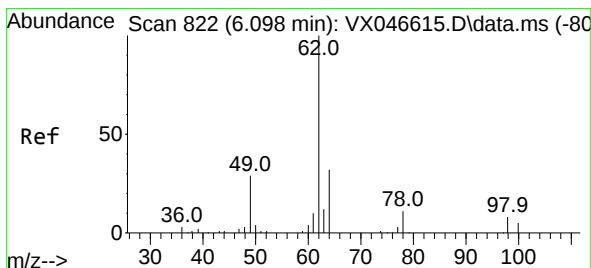
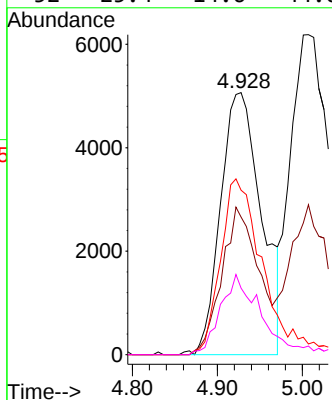
Tgt Ion: 41 Resp: 1692
Ion Ratio Lower Upper
41 100
39 52.5 26.4 79.2
67 62.8 31.4 94.3
52 25.4 14.6 44.0

Manual Integrations
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Reviewed By :John
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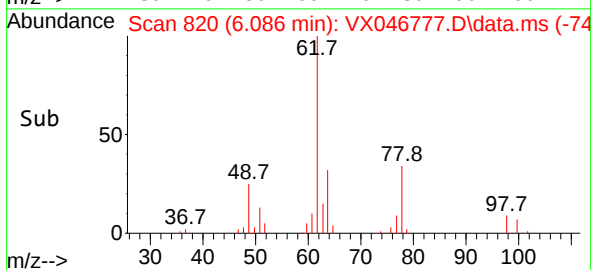
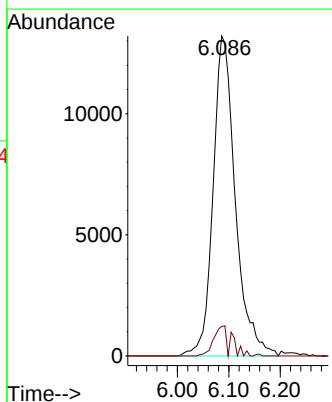
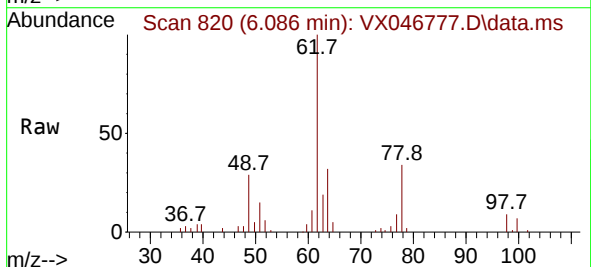
06/23/2025
Supervised By :Mahesh
Dadoda

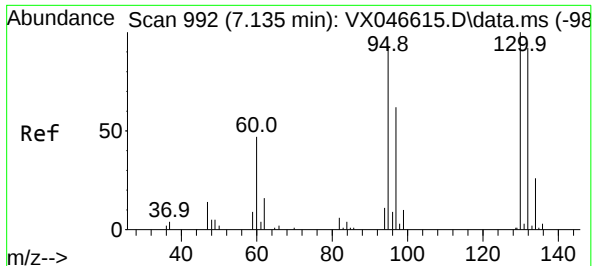
06/23/2025



#36
1,2-Dichloroethane
Concen: 16.173 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Tgt Ion: 62 Resp: 39738
Ion Ratio Lower Upper
62 100
98 5.1 6.5 9.7#





#37

Trichloroethene

Concen: 18.408 ug/l

RT: 7.123 min Scan# 992

Delta R.T. -0.012 min

Lab File: VX046777.D

Acq: 20 Jun 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 2999

Ion Ratio Lower Upper

130 100

95 103.1 74.7 112.1

Manual Integrations

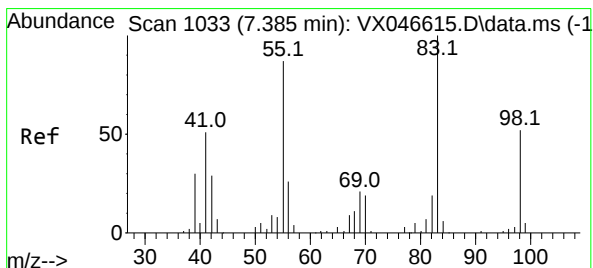
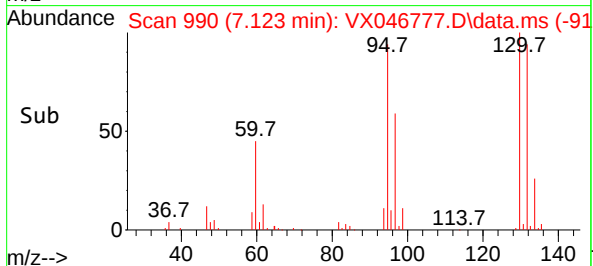
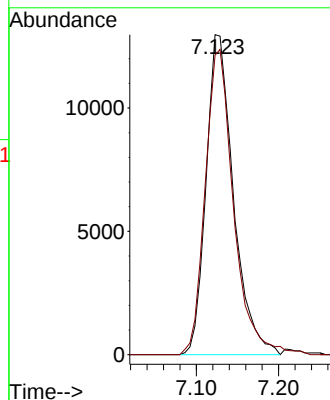
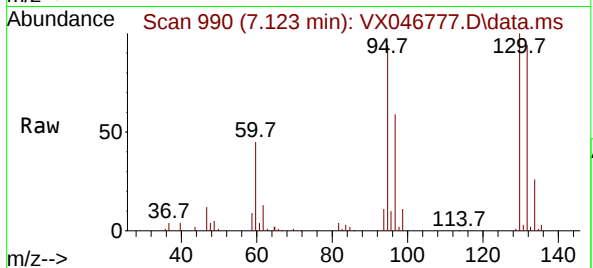
APPROVED

Reviewed By :John
Carlone

06/23/2025

Supervised By :Mahesh
Dadoda

06/23/2025



#38

Methylcyclohexane

Concen: 18.742 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX046777.D

Acq: 20 Jun 2025 09:16

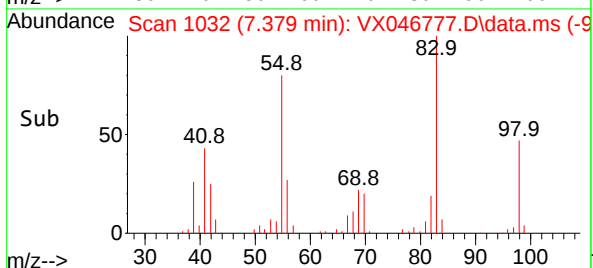
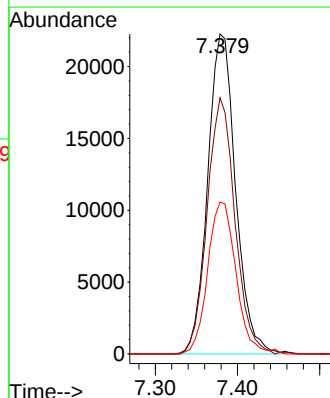
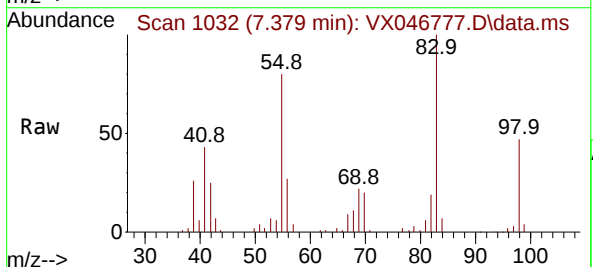
Tgt Ion: 83 Resp: 52584

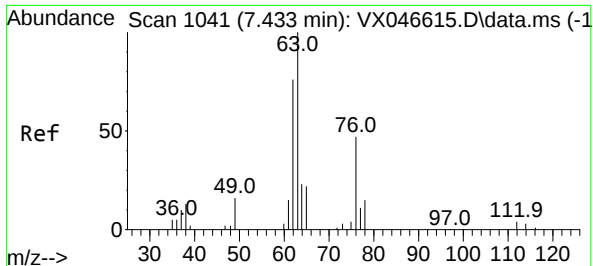
Ion Ratio Lower Upper

83 100

55 79.8 42.6 128.0

98 47.8 24.8 74.3





#39

1,2-Dichloropropane

Concen: 17.963 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX046777.D

Acq: 20 Jun 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 29100

Ion Ratio Lower Upper

63 100

65 28.4 21.5 32.3

Manual Integrations

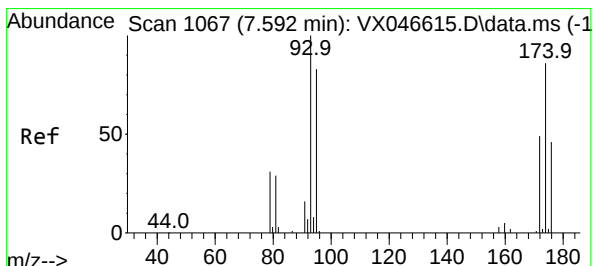
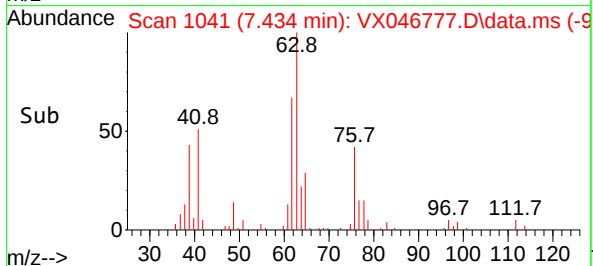
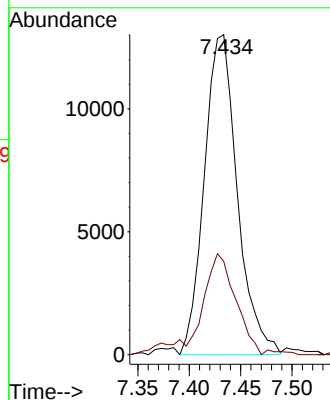
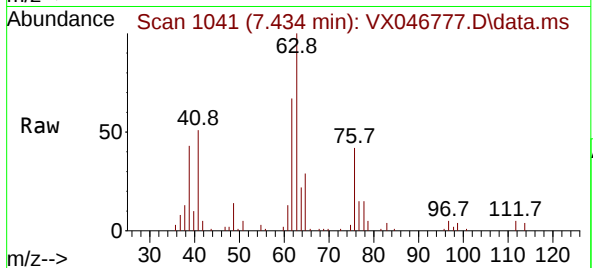
APPROVED

Reviewed By :John
Carlone

06/23/2025

Supervised By :Mahesh
Dadoda

06/23/2025



#40

Dibromomethane

Concen: 16.257 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.012 min

Lab File: VX046777.D

Acq: 20 Jun 2025 09:16

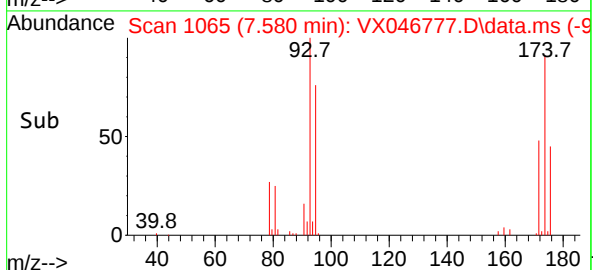
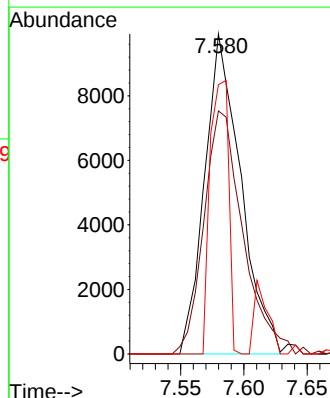
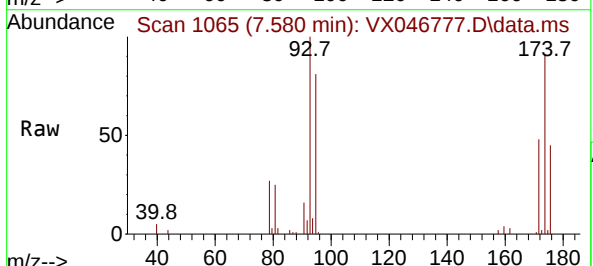
Tgt Ion: 93 Resp: 19688

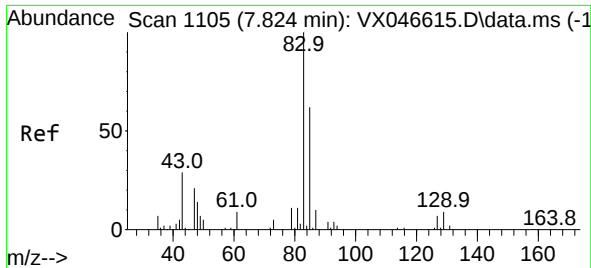
Ion Ratio Lower Upper

93 100

95 81.9 0.0 164.8

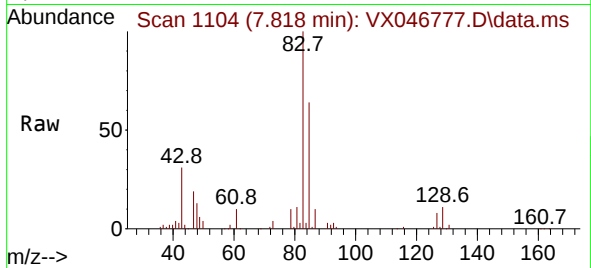
174 44.2 0.0 176.0





#41
Bromodichloromethane
Concen: 17.458 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



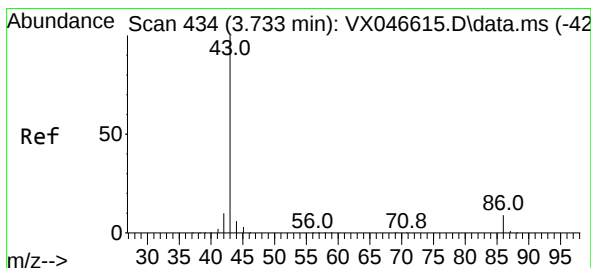
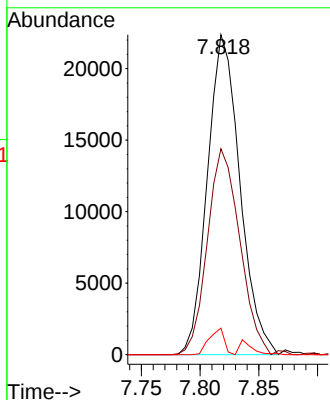
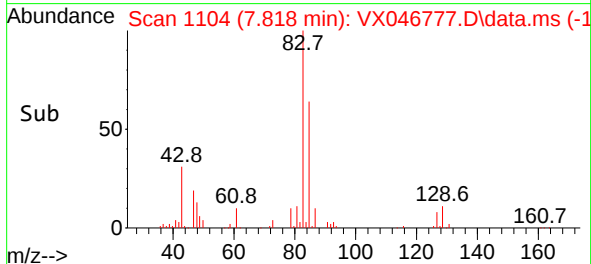
Tgt Ion: 83 Resp: 43072
Ion Ratio Lower Upper
83 100
85 63.4 49.8 74.6
127 8.9 5.5 8.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

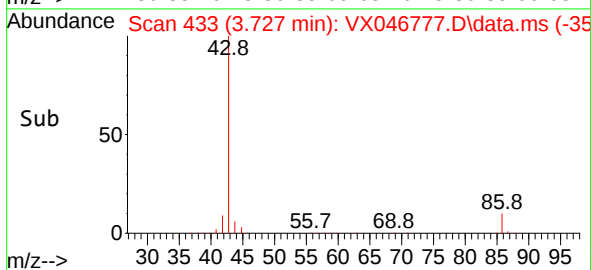
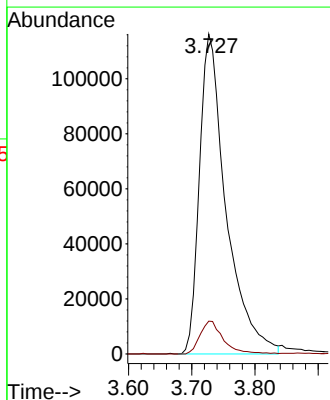
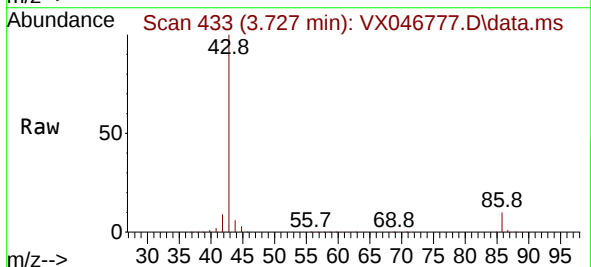
06/23/2025
Supervised By :Mahesh
Dadoda

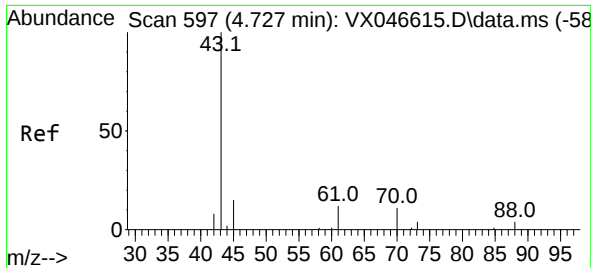
06/23/2025



#42
Vinyl Acetate
Concen: 80.249 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

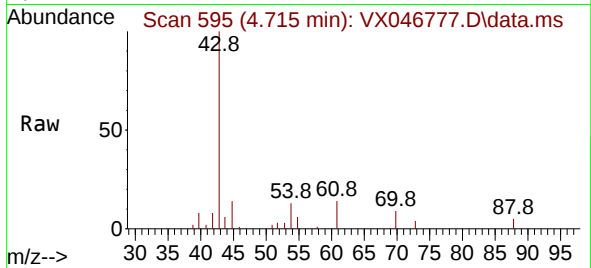
Tgt Ion: 43 Resp: 341046
Ion Ratio Lower Upper
43 100
86 9.0 6.4 9.6





#43
Ethyl Acetate
Concen: 13.207 ug/l m
RT: 4.715 min Scan# 597
Delta R.T. -0.012 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



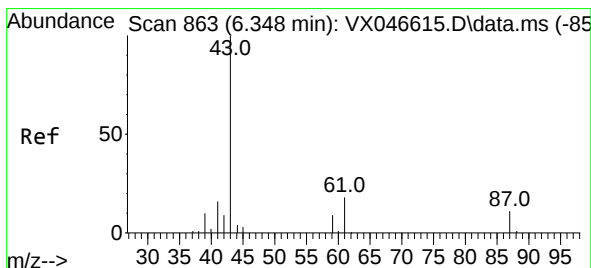
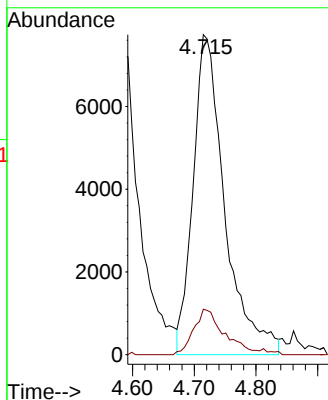
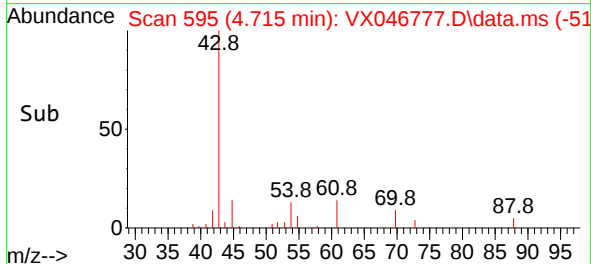
Tgt Ion: 43 Resp: 2755
Ion Ratio Lower Upper
43 100
45 13.8 7.9 11.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

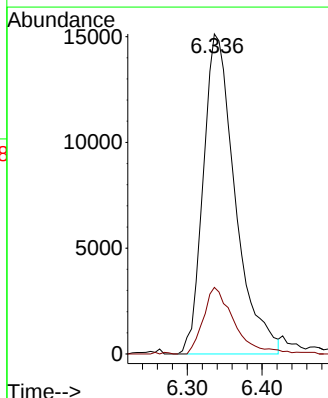
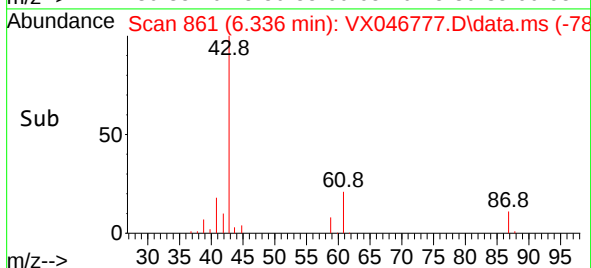
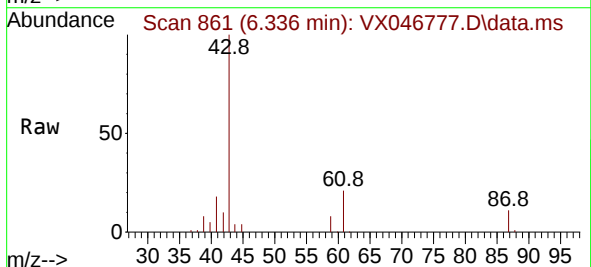
06/23/2025
Supervised By :Mahesh
Dadoda

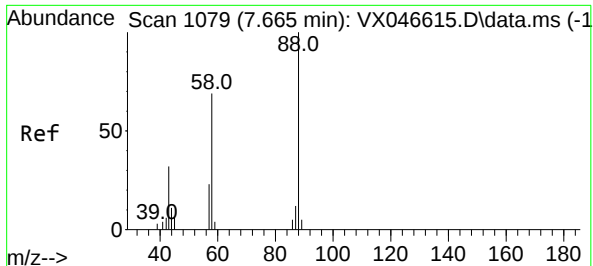
06/23/2025



#44
Isopropyl Acetate
Concen: 13.750 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.012 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

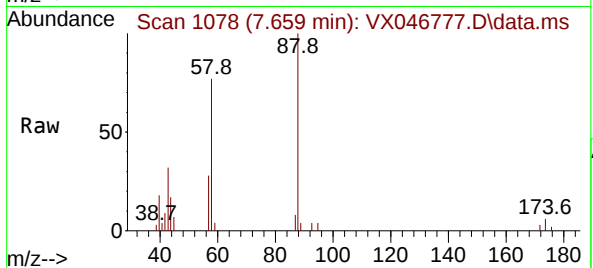
Tgt Ion: 43 Resp: 44872
Ion Ratio Lower Upper
43 100
61 20.0 15.0 22.4





#45
1,4-Dioxane
Concen: 251.260 ug/l
RT: 7.659 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



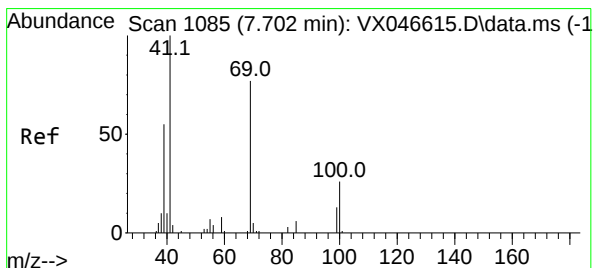
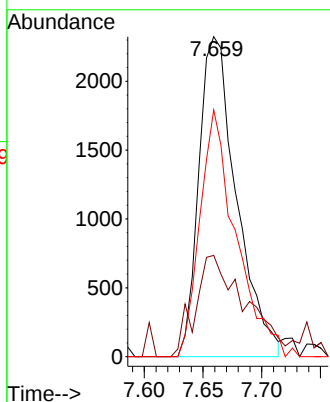
Tgt Ion: 88 Resp: 5172
Ion Ratio Lower Upper
88 100
43 25.7 21.6 32.4
58 73.5 60.8 91.2

Manual Integrations
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Reviewed By :John
Carlone

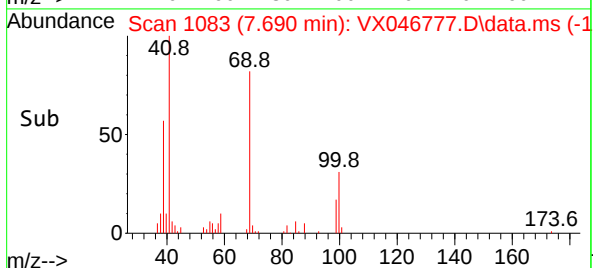
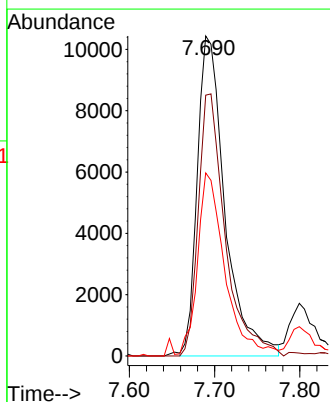
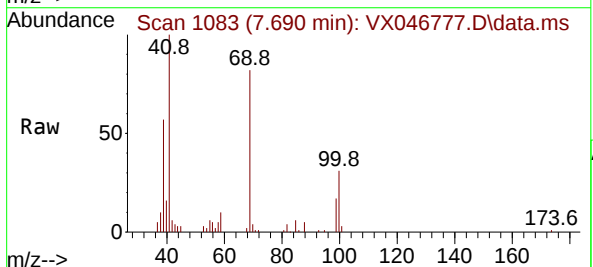
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Supervised By :Mahesh
Dadoda

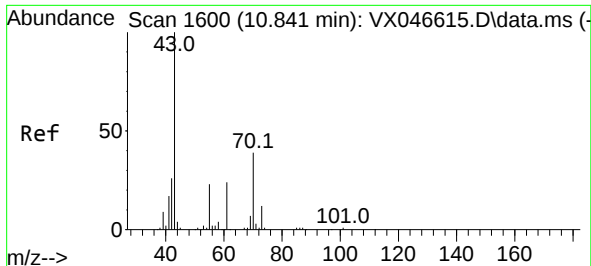
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#46
Methyl methacrylate
Concen: 13.229 ug/l m
RT: 7.690 min Scan# 1083
Delta R.T. -0.012 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

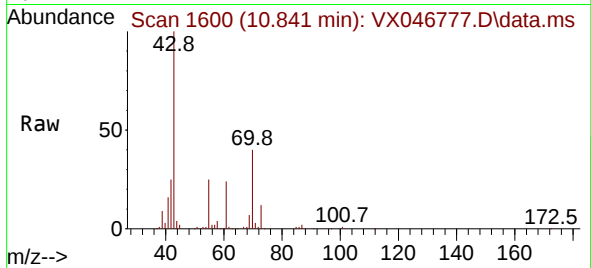
Tgt Ion: 41 Resp: 23572
Ion Ratio Lower Upper
41 100
69 81.5 38.7 116.1
39 57.2 27.7 83.1





#47
n-amy1 Acetate
Concen: 14.126 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



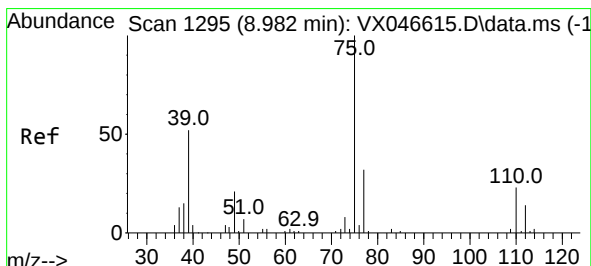
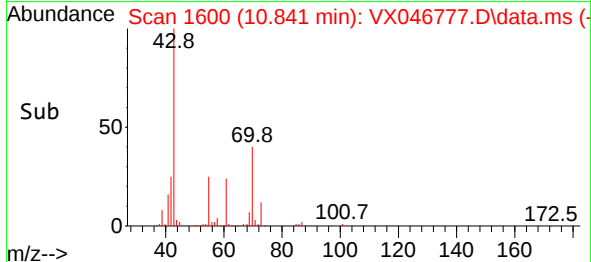
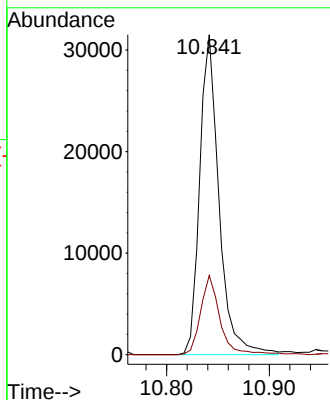
Tgt Ion: 43 Resp: 4123
Ion Ratio Lower Upper
43 100
55 24.6 19.4 29.2

Manual Integrations
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Reviewed By :John
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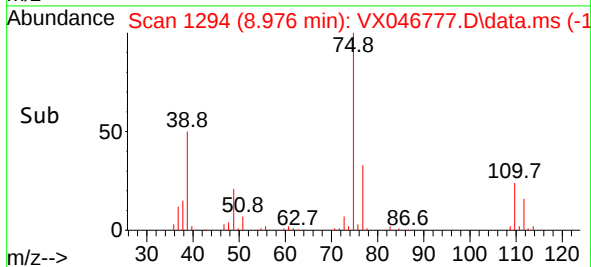
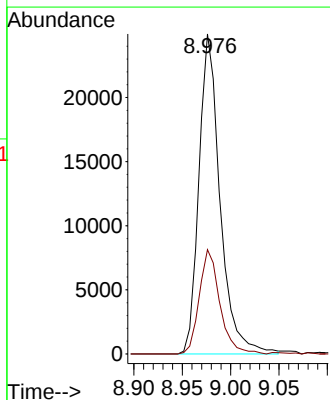
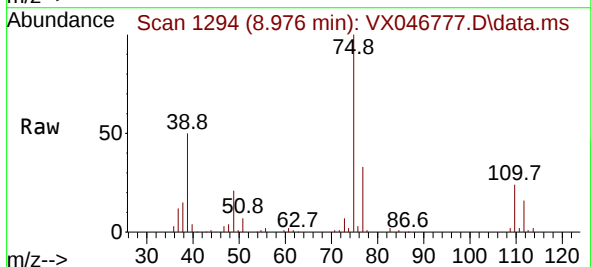
06/23/2025
Supervised By :Mahesh
Dadoda

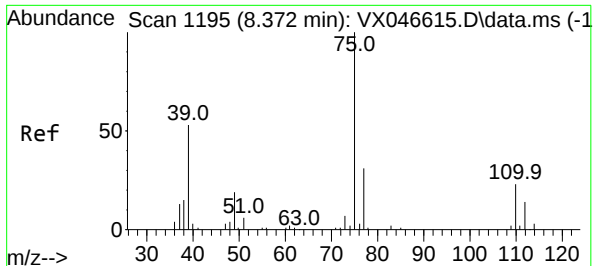
06/23/2025



#48
t-1,3-Dichloropropene
Concen: 17.202 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Tgt Ion: 75 Resp: 38046
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 17.715 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX046777.D

Acq: 20 Jun 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 43744

Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.6	36.8
39	46.5	42.7	64.1

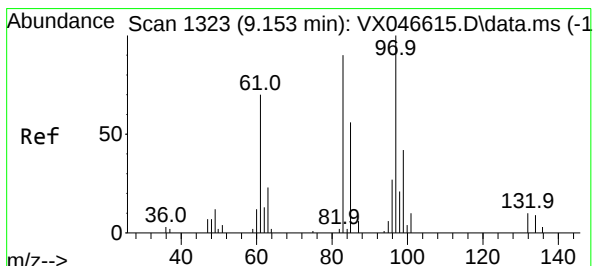
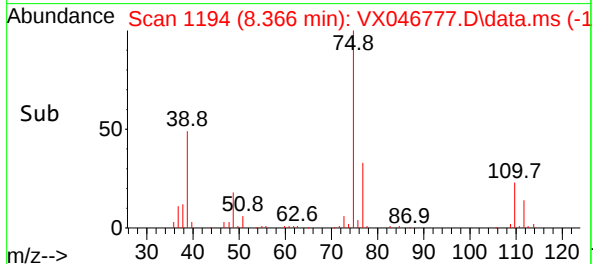
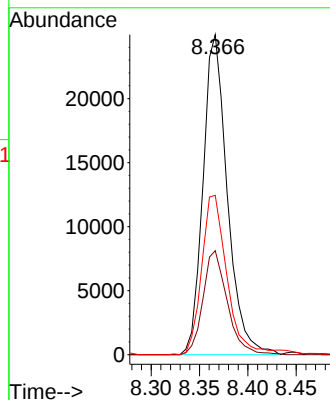
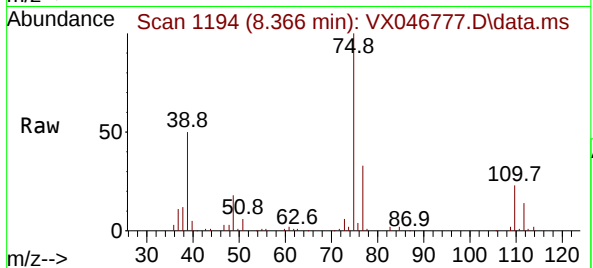
Manual Integrations
APPROVED

Reviewed By :John
Carlone

06/23/2025

Supervised By :Mahesh
Dadoda

06/23/2025



#50

1,1,2-Trichloroethane

Concen: 16.972 ug/l

RT: 9.147 min Scan# 1322

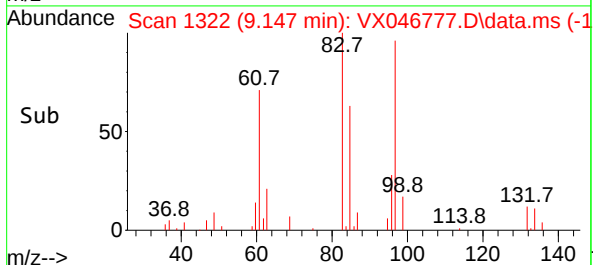
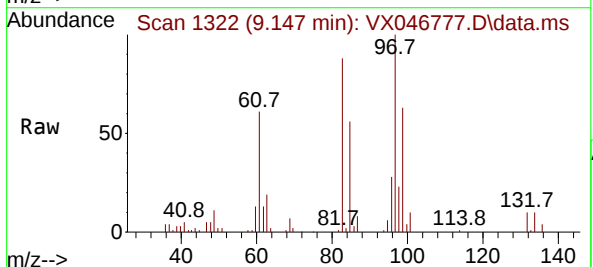
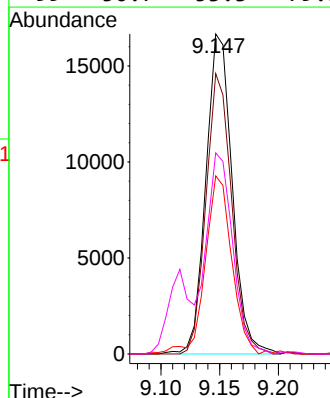
Delta R.T. -0.006 min

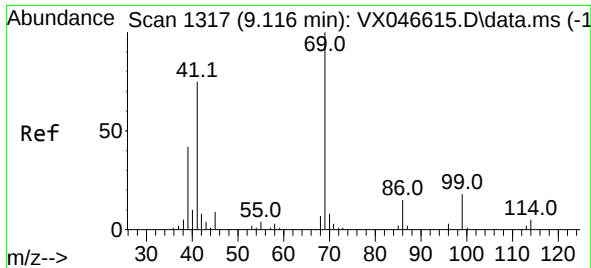
Lab File: VX046777.D

Acq: 20 Jun 2025 09:16

Tgt Ion: 97 Resp: 25905

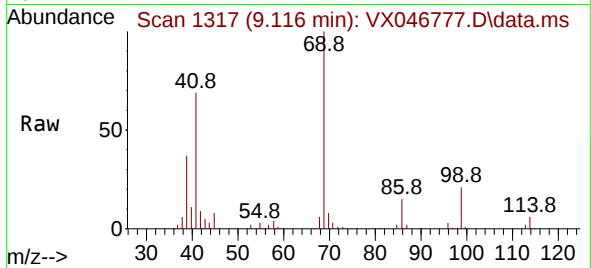
Ion	Ratio	Lower	Upper
97	100		
83	71.3	72.1	108.1#
85	44.5	47.5	71.3#
99	50.7	53.3	79.9#





#51
Ethyl methacrylate
Concen: 14.640 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



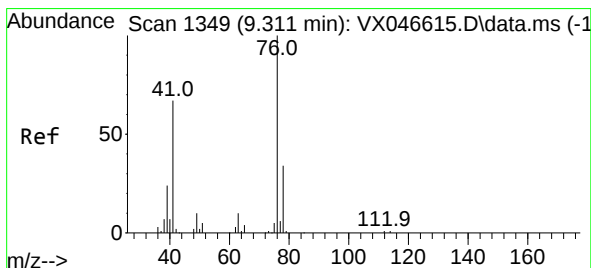
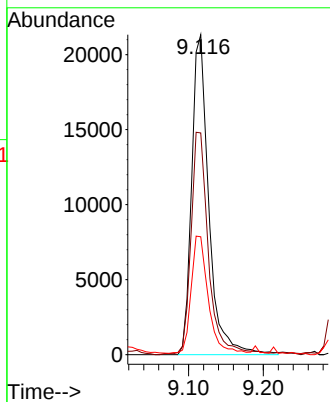
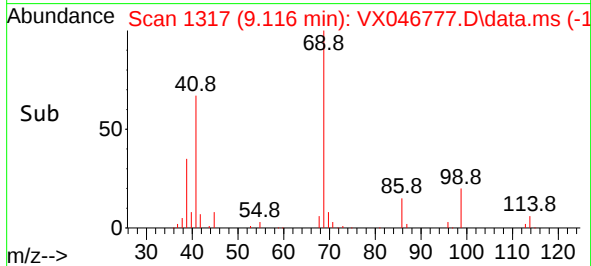
Tgt Ion: 69 Resp: 33970
Ion Ratio Lower Upper
69 100
41 68.6 37.4 112.2
39 34.4 20.8 62.5

Manual Integrations
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Reviewed By :John
Carlone

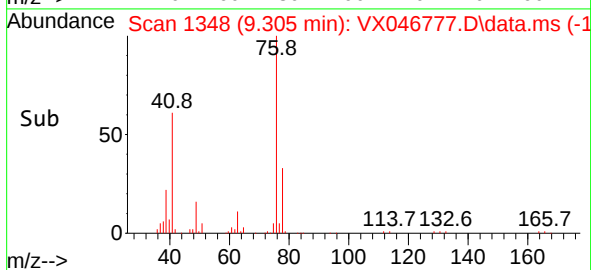
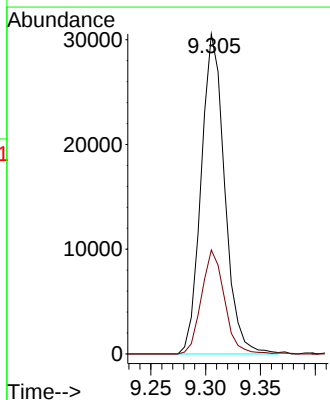
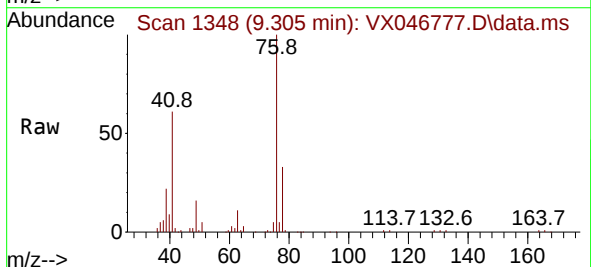
06/23/2025
Supervised By :Mahesh
Dadoda

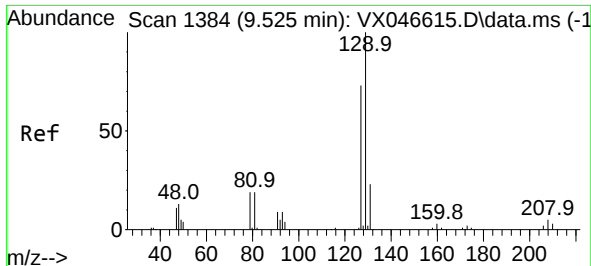
06/23/2025



#52
1,3-Dichloropropane
Concen: 17.171 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

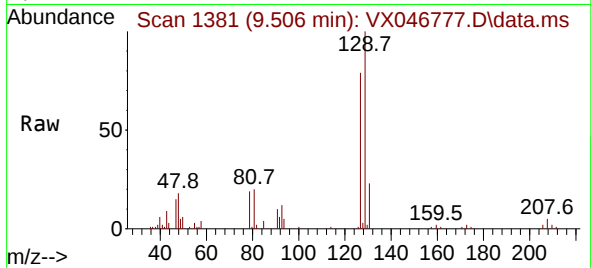
Tgt Ion: 76 Resp: 45649
Ion Ratio Lower Upper
76 100
78 31.6 0.0 62.6





#53
Dibromochloromethane
Concen: 5.261 ug/l m
RT: 9.506 min Scan# 1381
Delta R.T. -0.018 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



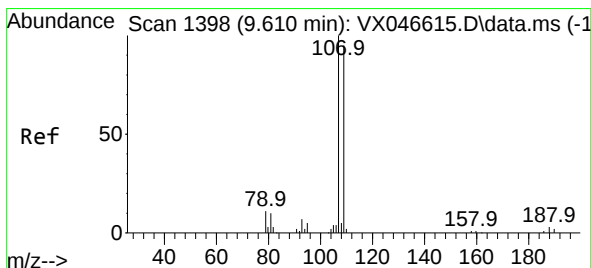
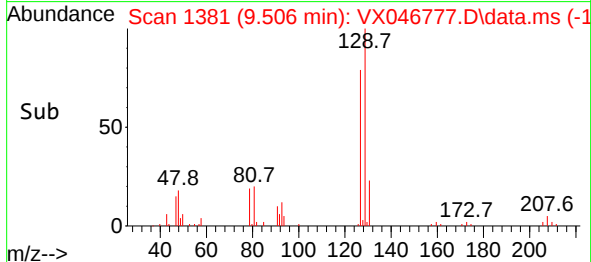
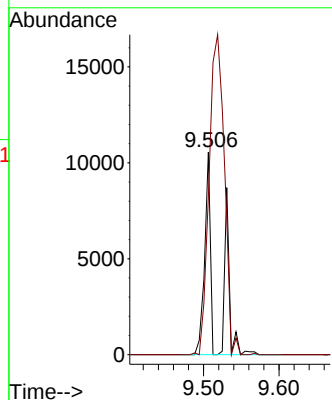
Tgt Ion:129 Resp: 946
Ion Ratio Lower Upper
129 100
127 3.4 38.3 114.9

Manual Integrations
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Reviewed By :John
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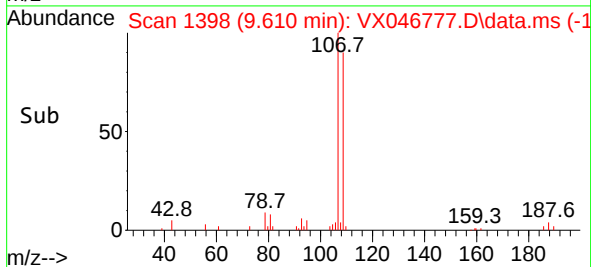
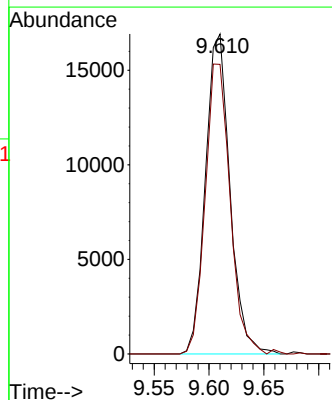
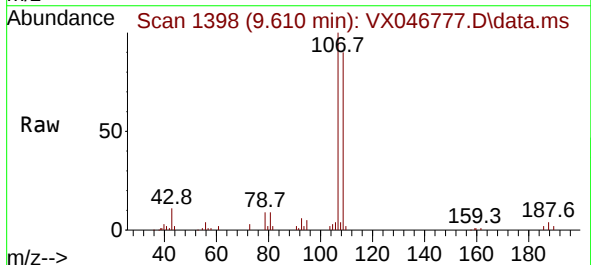
06/23/2025
Supervised By :Mahesh
Dadoda

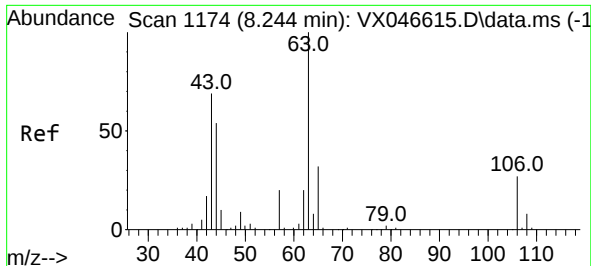
06/23/2025



#54
1,2-Dibromoethane
Concen: 16.401 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

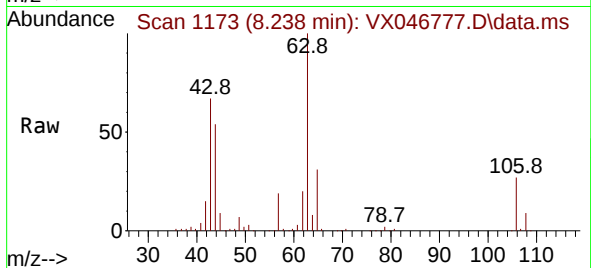
Tgt Ion:107 Resp: 26332
Ion Ratio Lower Upper
107 100
109 91.8 75.8 113.8





#55
2-Chloroethyl vinyl ether
Concen: 92.082 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



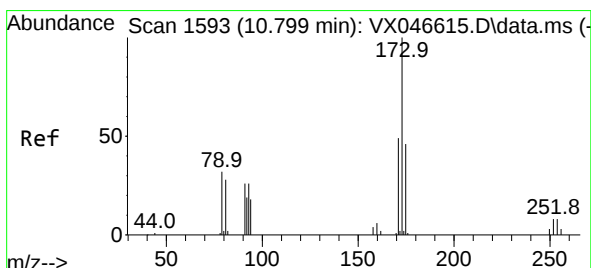
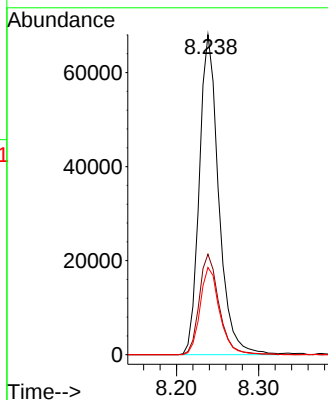
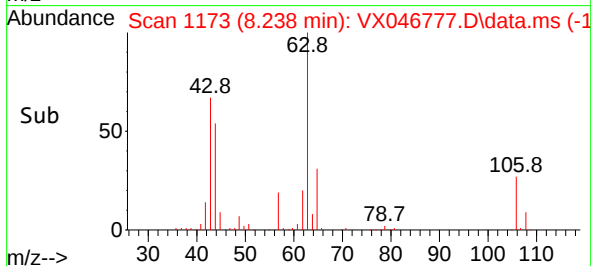
Tgt Ion: 63 Resp: 111608
Ion Ratio Lower Upper
63 100
65 31.9 25.2 37.8
106 27.5 21.8 32.6

Manual Integrations
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Reviewed By :John
Carlone

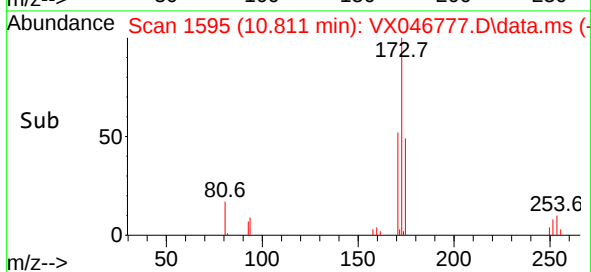
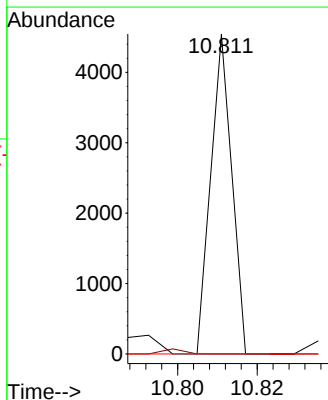
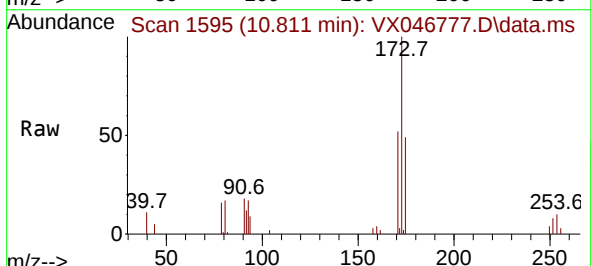
06/23/2025
Supervised By :Mahesh
Dadoda

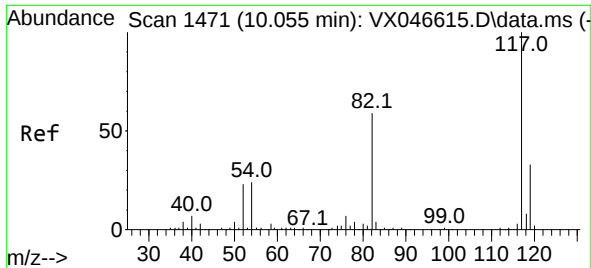
06/23/2025



#56
Bromoform
Concen: 1.495 ug/l m
RT: 10.811 min Scan# 1595
Delta R.T. 0.012 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Tgt Ion:173 Resp: 1662
Ion Ratio Lower Upper
173 100
175 0.0 38.0 57.0#
254 0.0 6.7 10.1#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

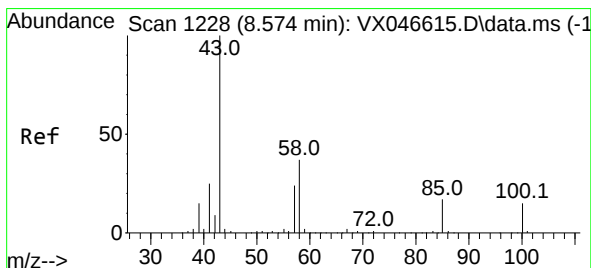
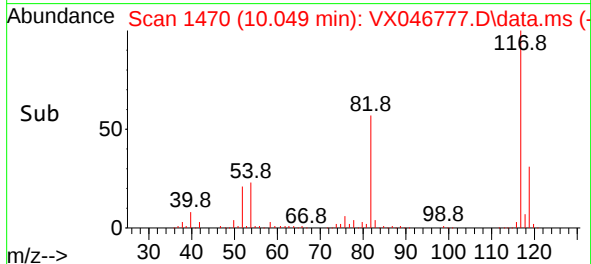
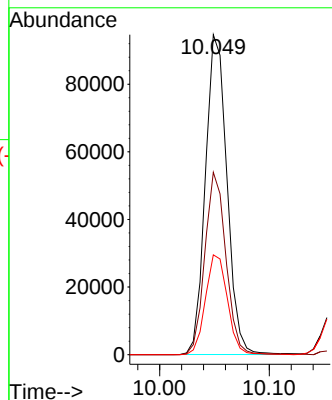
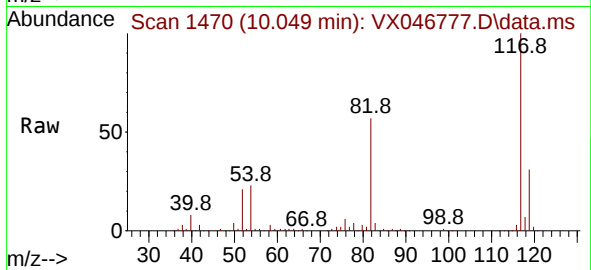
Tgt Ion: 117 Resp: 129240
Ion Ratio Lower Upper
117 100
82 55.8 46.5 69.7
119 32.0 25.8 38.6

Manual Integrations
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Reviewed By :John
Carlone

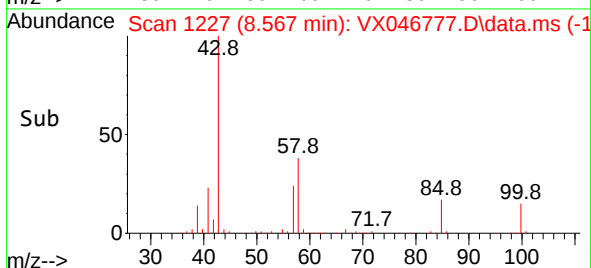
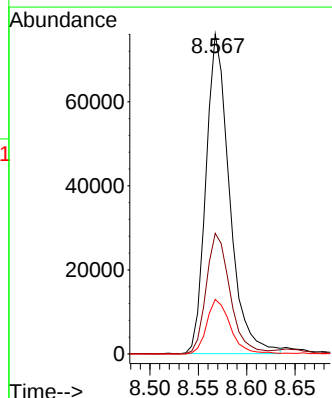
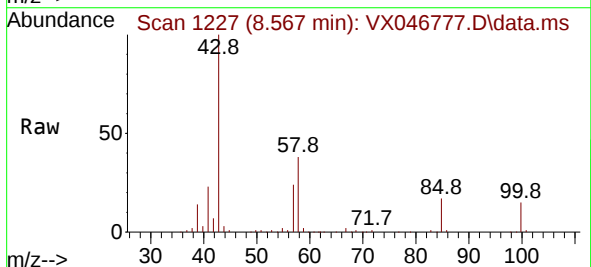
06/23/2025
Supervised By :Mahesh
Dadoda

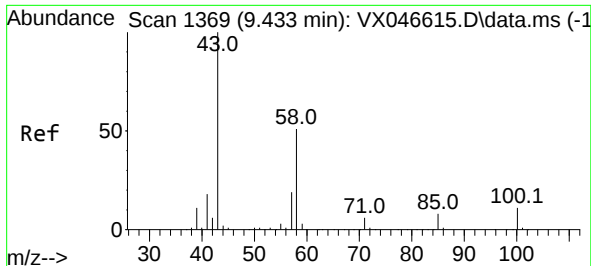
06/23/2025



#58
4-Methyl-2-Pentanone
Concen: 61.339 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Tgt Ion: 43 Resp: 128955
Ion Ratio Lower Upper
43 100
58 38.2 29.4 44.2
85 17.1 13.3 19.9





#59

2-Hexanone

Concen: 57.183 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX046777.D

Acq: 20 Jun 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 84809

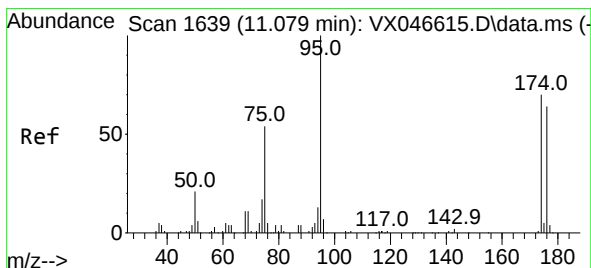
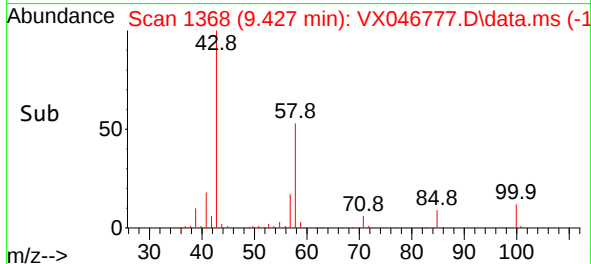
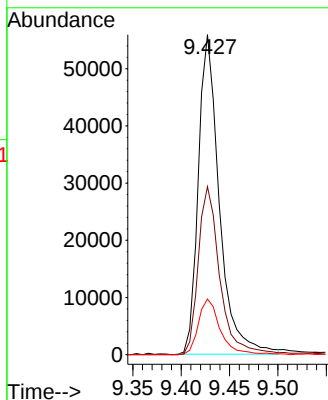
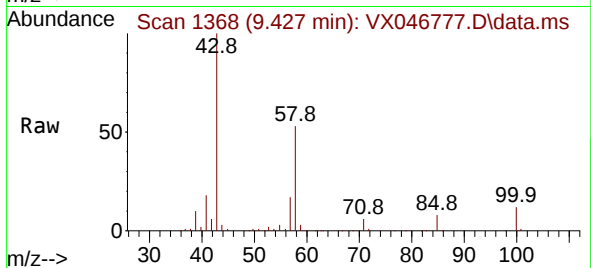
Ion	Ratio	Lower	Upper
43	100		
58	53.9	39.8	59.8
57	17.9	14.5	21.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

06/23/2025
Supervised By :Mahesh
Dadoda

06/23/2025



#60

4-Bromofluorobenzene

Concen: 29.819 ug/l

RT: 11.079 min Scan# 1639

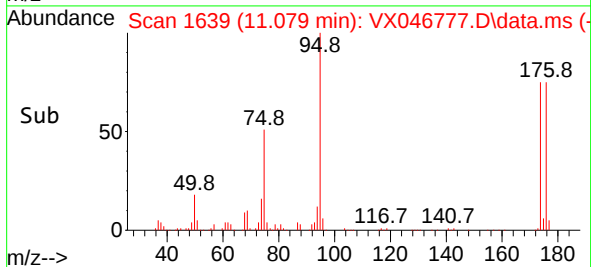
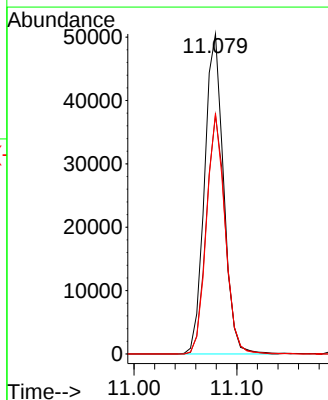
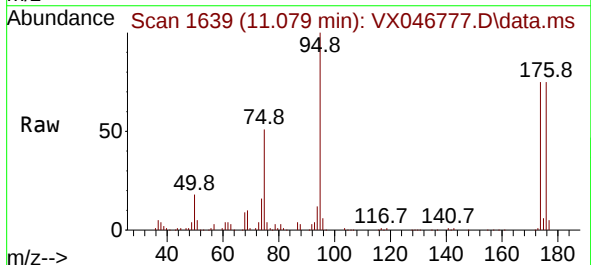
Delta R.T. 0.000 min

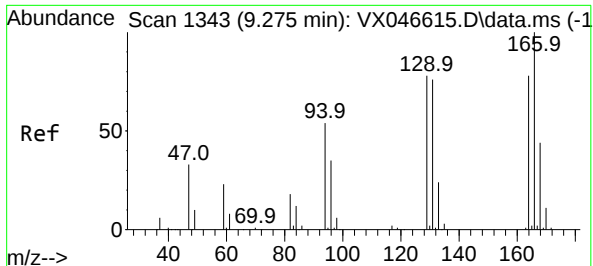
Lab File: VX046777.D

Acq: 20 Jun 2025 09:16

Tgt Ion: 95 Resp: 64960

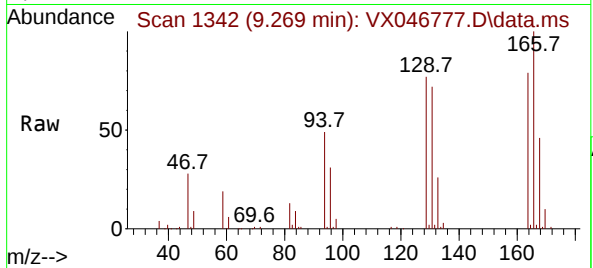
Ion	Ratio	Lower	Upper
95	100		
174	73.8	56.0	84.0
176	73.0	52.2	78.4





#61
Tetrachloroethene
Concen: 19.174 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



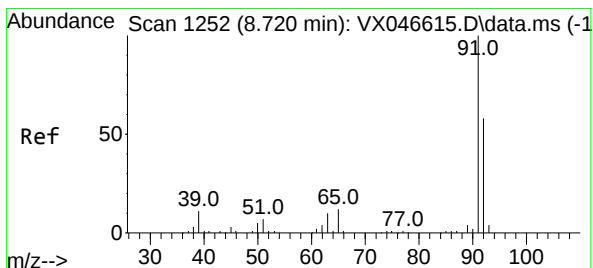
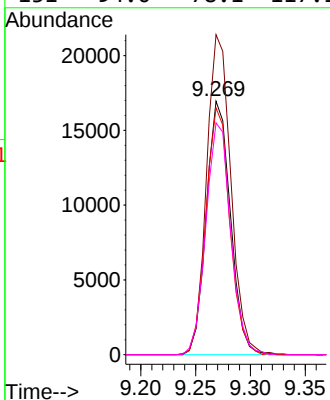
Tgt Ion:164 Resp: 2597
Ion Ratio Lower Upper
164 100
166 126.2 103.1 154.7
129 97.4 80.3 120.5
131 94.0 78.1 117.1

Manual Integrations
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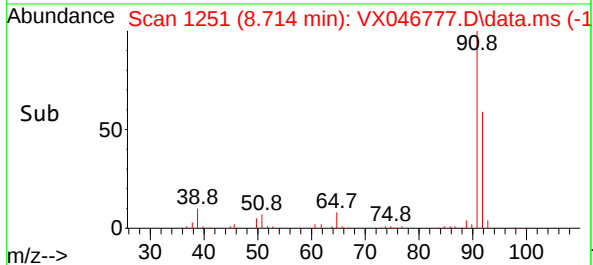
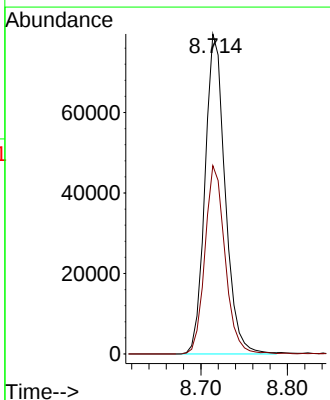
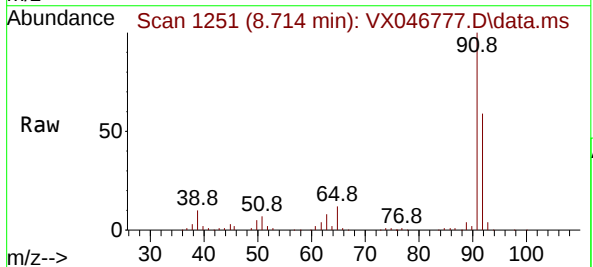
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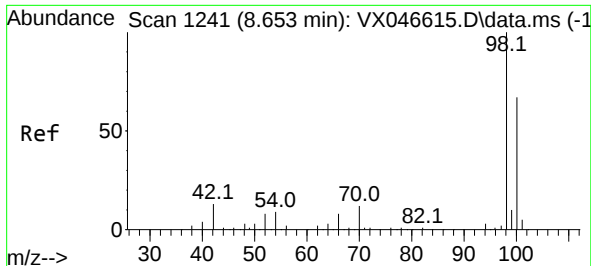
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#62
Toluene
Concen: 18.311 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Tgt Ion: 91 Resp: 128254
Ion Ratio Lower Upper
91 100
92 58.8 46.8 70.2





#63
Toluene-d8
Concen: 29.154 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

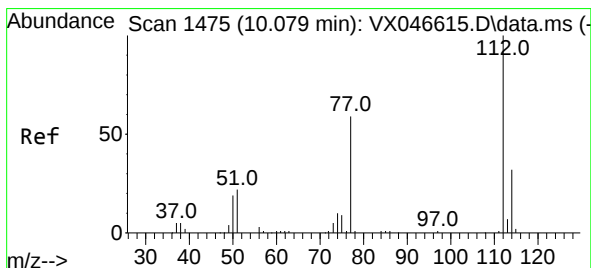
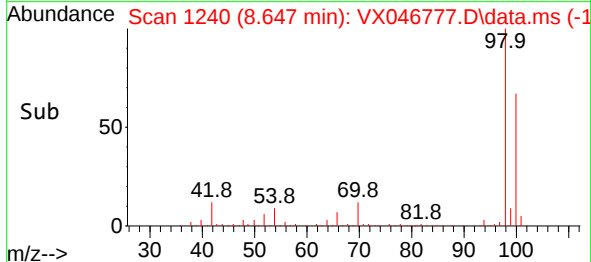
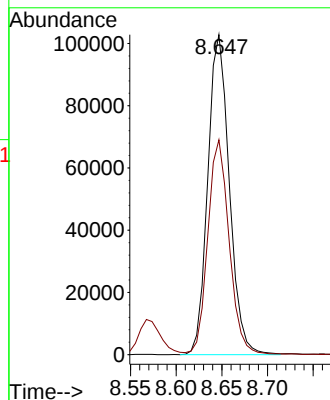
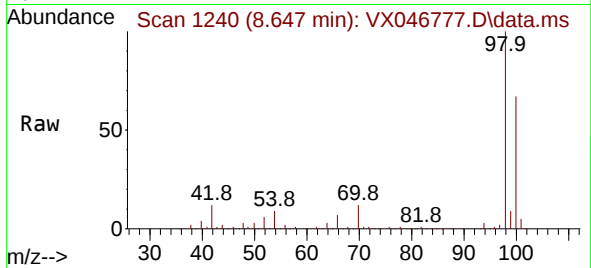
Tgt Ion: 98 Resp: 168309
Ion Ratio Lower Upper
98 100
100 66.6 52.6 79.0

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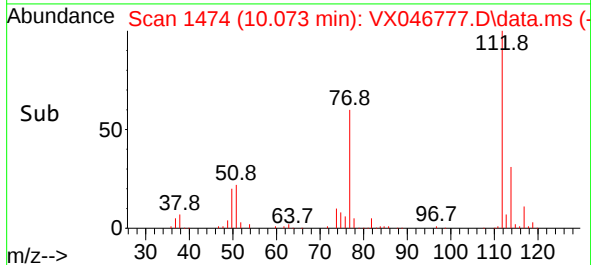
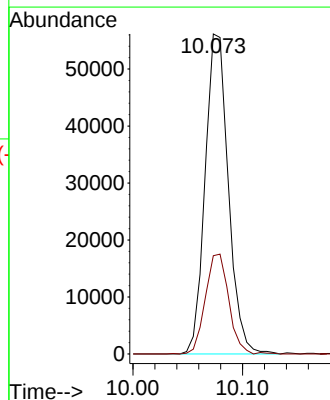
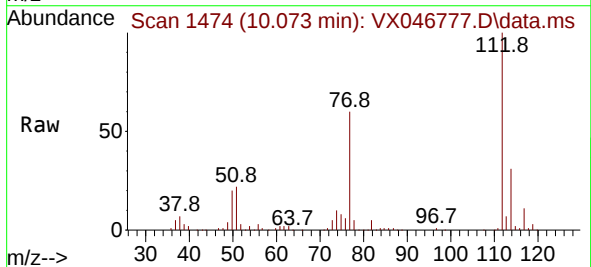
06/23/2025
Supervised By :Mahesh
Dadoda

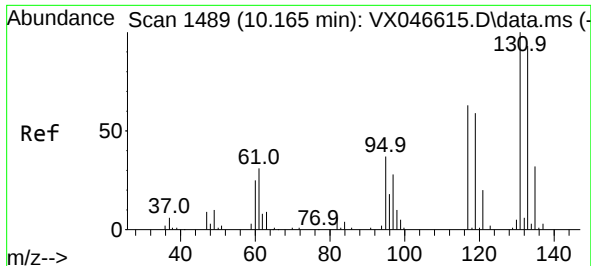
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#64
Chlorobenzene
Concen: 18.304 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

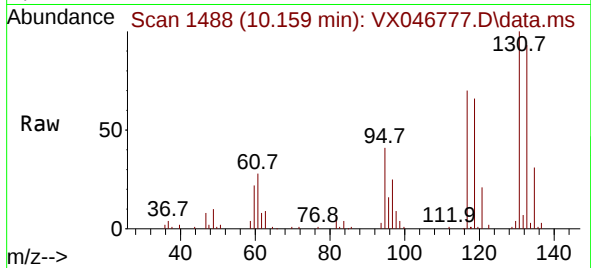
Tgt Ion:112 Resp: 82695
Ion Ratio Lower Upper
112 100
114 28.7 25.4 38.0





#65
1,1,1,2-Tetrachloroethane
Concen: 18.171 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



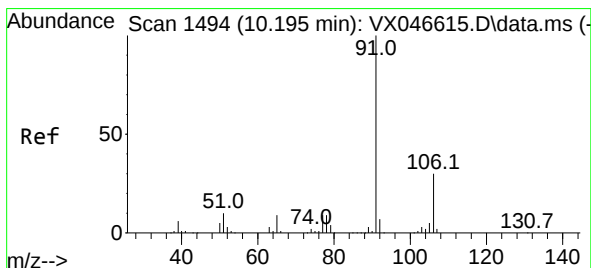
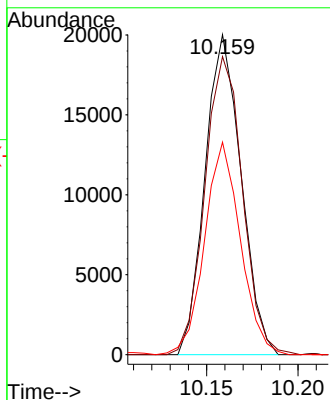
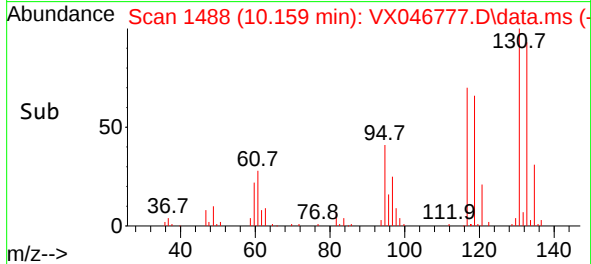
Tgt Ion:131 Resp: 27512
Ion Ratio Lower Upper
131 100
133 97.2 0.0 190.6
119 65.9 0.0 131.2

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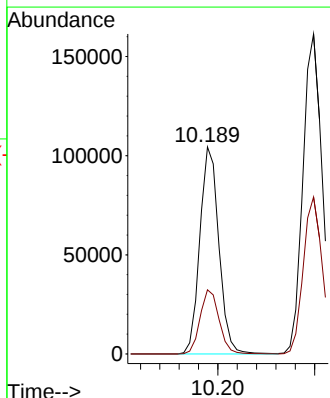
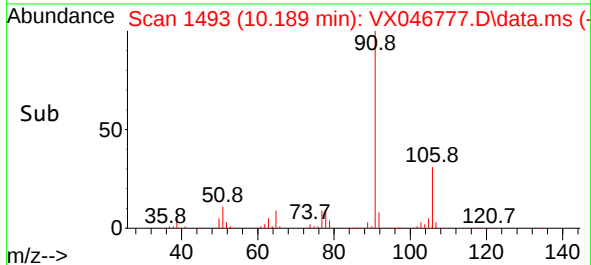
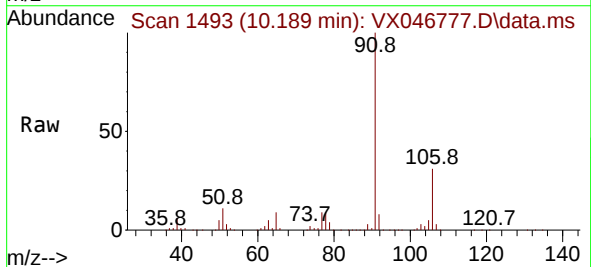
06/23/2025
Supervised By :Mahesh
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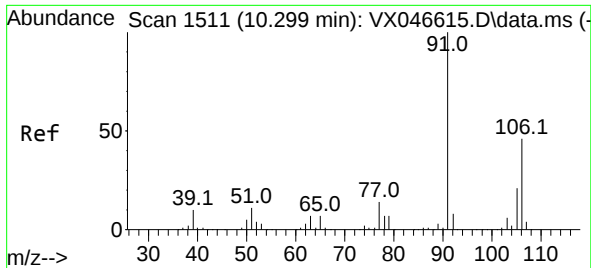
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#66
Ethyl Benzene
Concen: 17.905 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Tgt Ion: 91 Resp: 143200
Ion Ratio Lower Upper
91 100
106 31.0 23.9 35.9





#67
m/p-Xylenes
Concen: 37.051 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

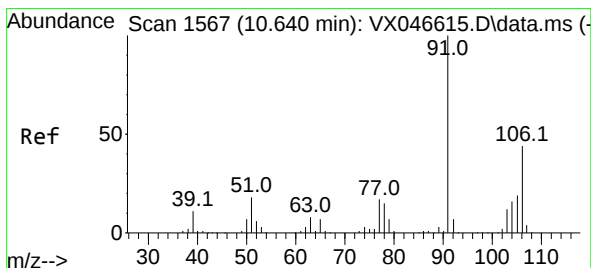
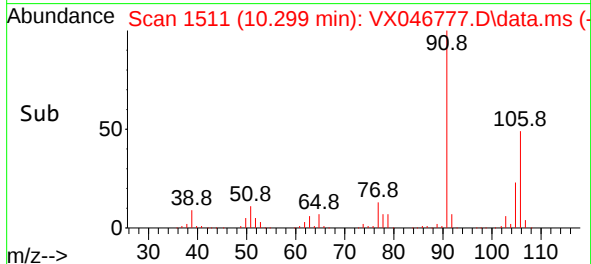
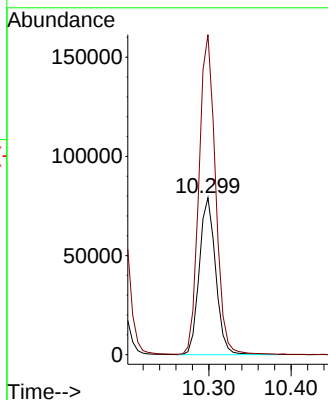
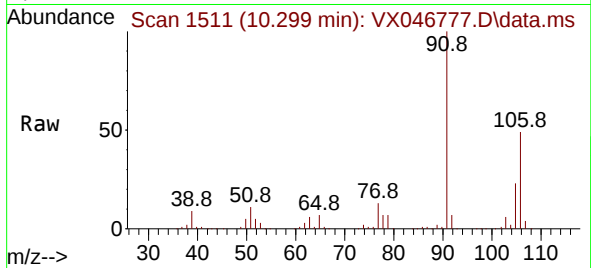
Tgt Ion:106 Resp: 109609
Ion Ratio Lower Upper
106 100
91 206.2 171.5 257.3

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Reviewed By :John
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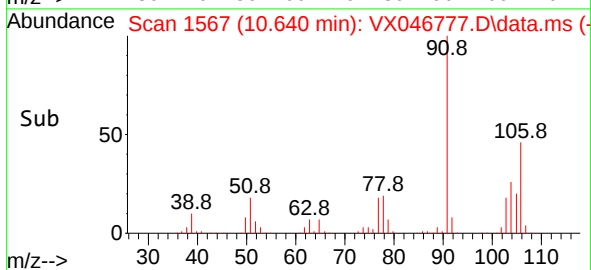
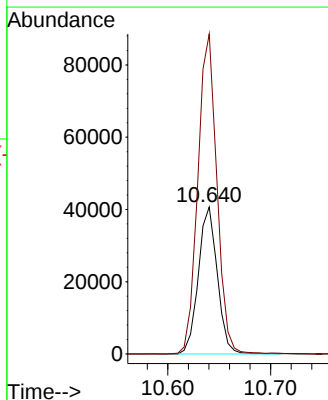
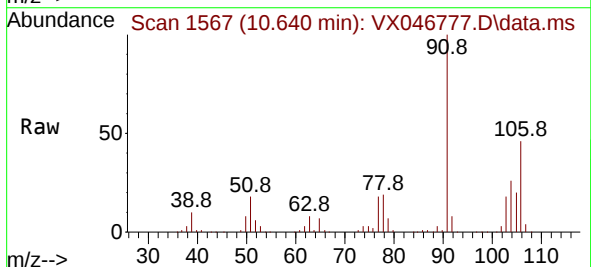
06/23/2025
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Dadoda

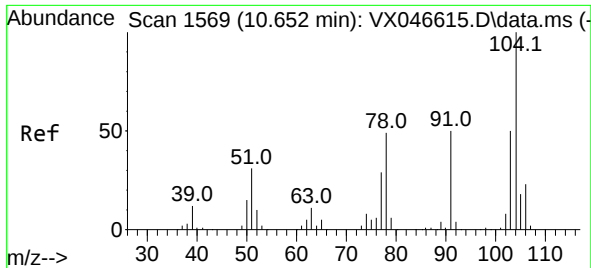
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#68
o-Xylene
Concen: 18.371 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

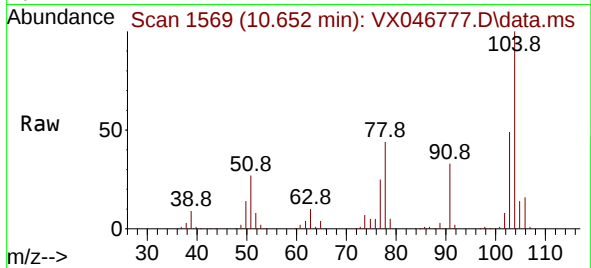
Tgt Ion:106 Resp: 52326
Ion Ratio Lower Upper
106 100
91 217.6 112.3 336.9





#69
Styrene
Concen: 18.389 ug/l
RT: 10.652 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



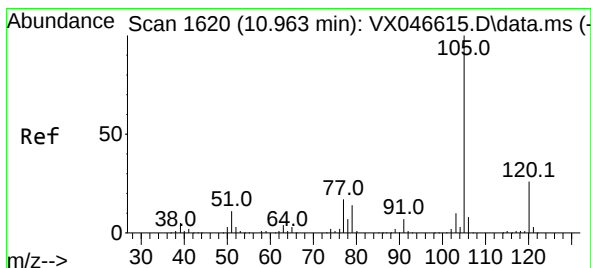
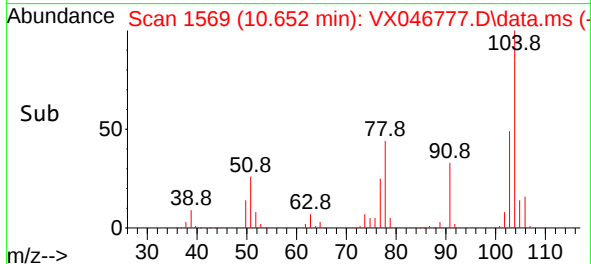
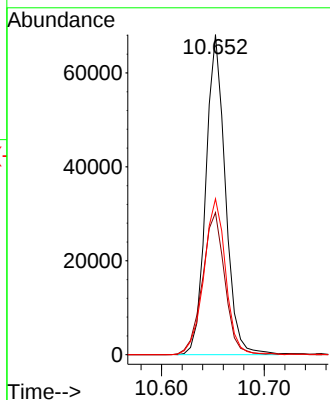
Tgt Ion:104 Resp: 89777
Ion Ratio Lower Upper
104 100
78 50.9 43.1 64.7
103 54.5 42.9 64.3

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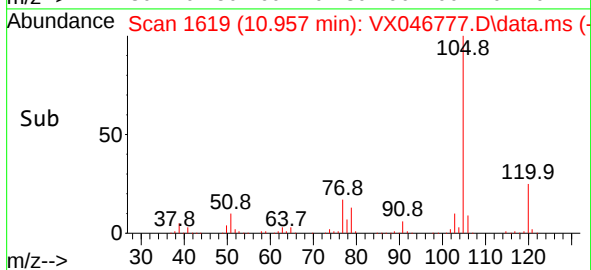
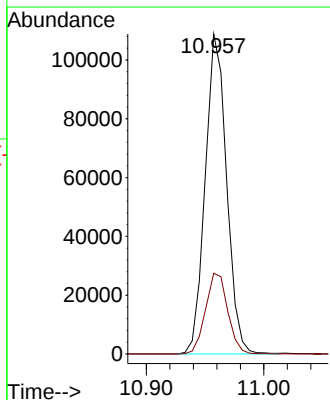
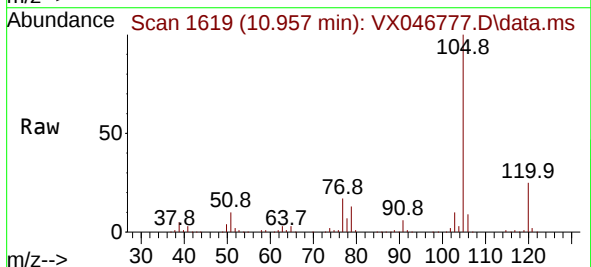
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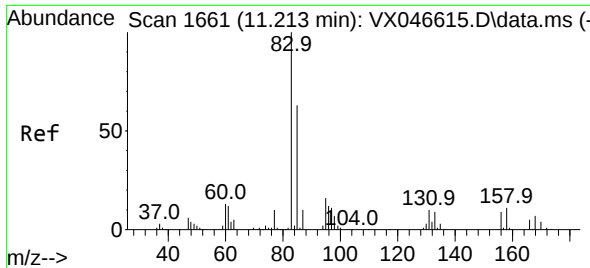
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#70
Isopropylbenzene
Concen: 18.038 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

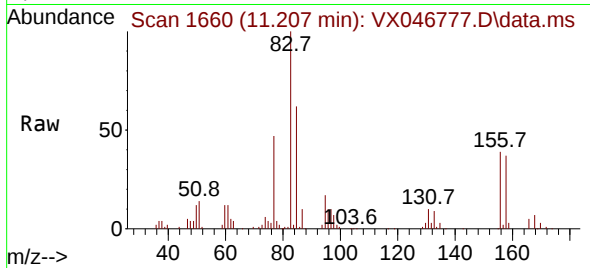
Tgt Ion:105 Resp: 137878
Ion Ratio Lower Upper
105 100
120 26.1 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 14.967 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



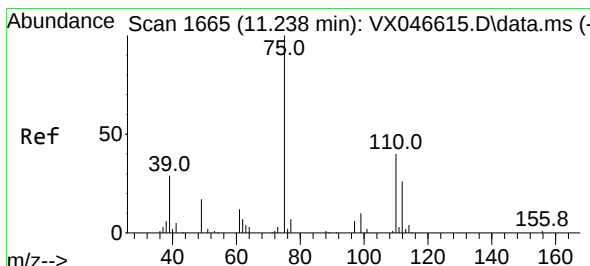
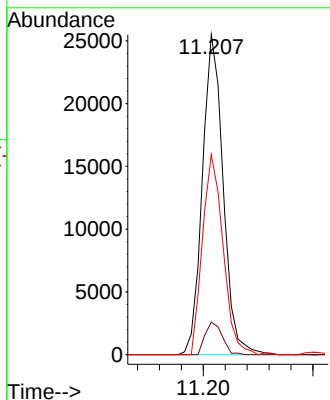
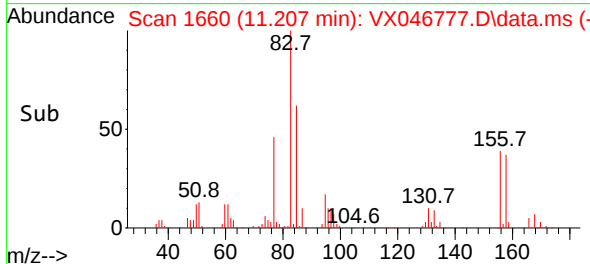
Tgt Ion: 83 Resp: 33600
Ion Ratio Lower Upper
83 100
131 8.2 5.0 14.9
85 61.6 31.5 94.5

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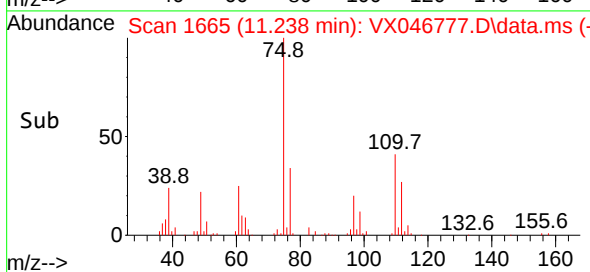
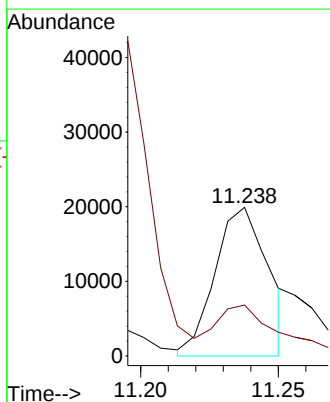
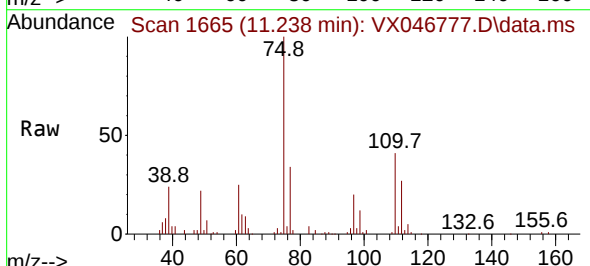
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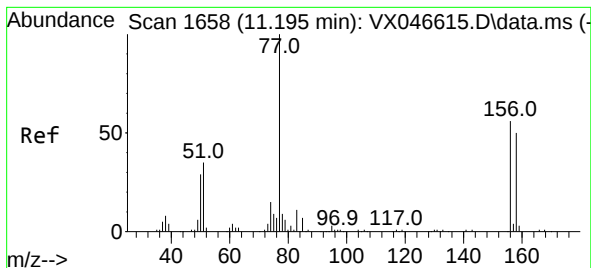
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#72
1,2,3-Trichloropropane
Concen: 14.210 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

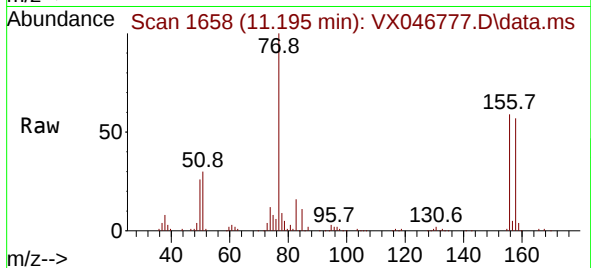
Tgt Ion: 75 Resp: 26637
Ion Ratio Lower Upper
75 100
77 42.5 0.0 82.6





#73
Bromobenzene
Concen: 18.627 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



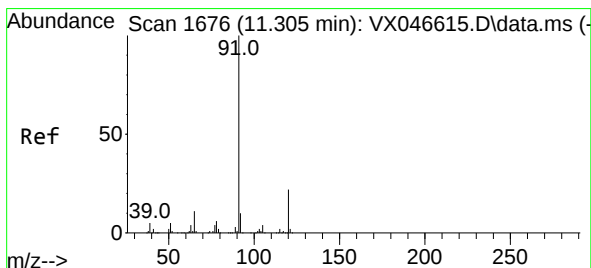
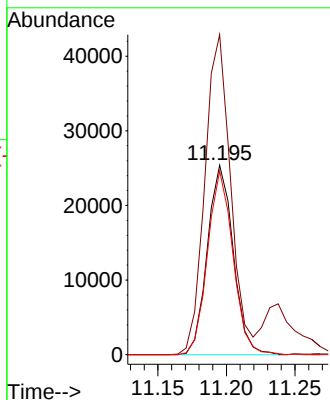
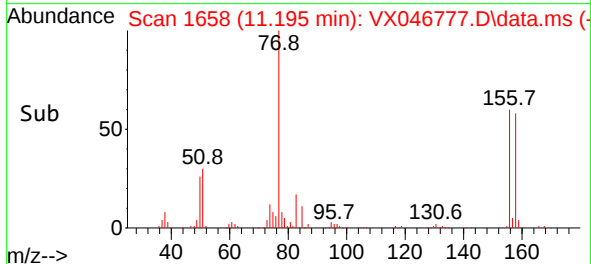
Tgt Ion:156 Resp: 33374
Ion Ratio Lower Upper
156 100
77 168.4 0.0 358.6
158 95.3 0.0 192.0

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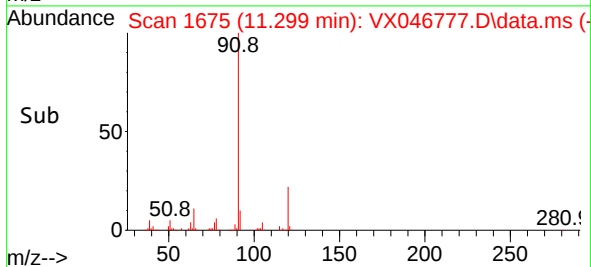
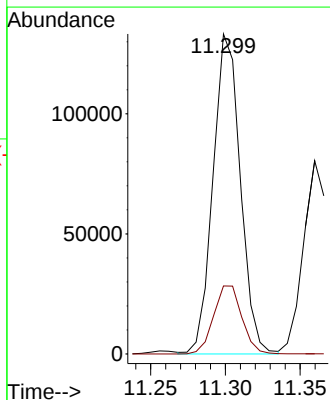
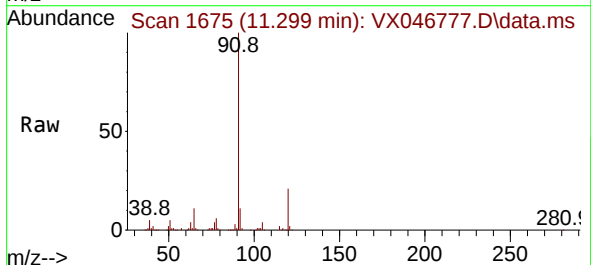
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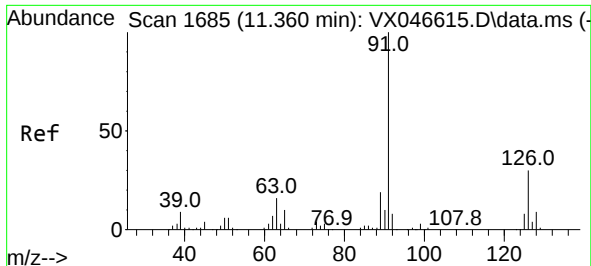
06/23/2025



#74
n-propylbenzene
Concen: 18.520 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Tgt Ion: 91 Resp: 169277
Ion Ratio Lower Upper
91 100
120 22.1 0.0 43.8





#75
2-Chlorotoluene
Concen: 18.044 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

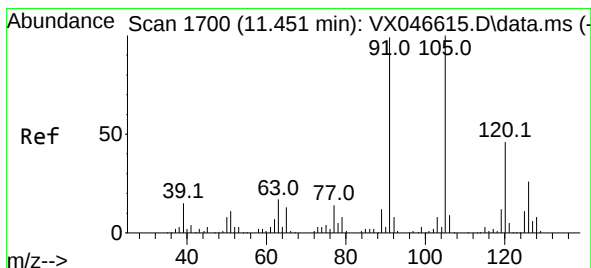
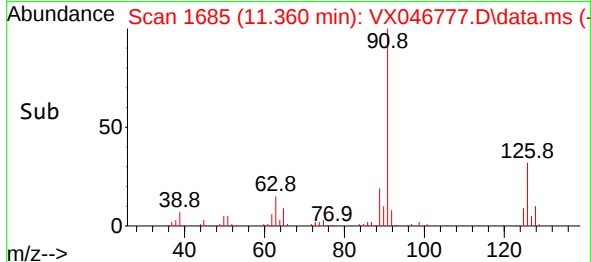
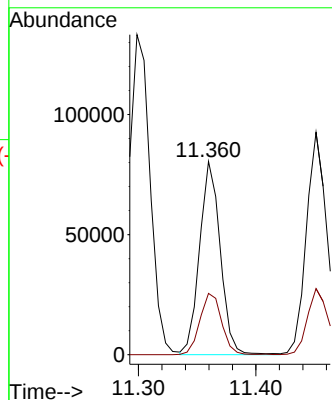
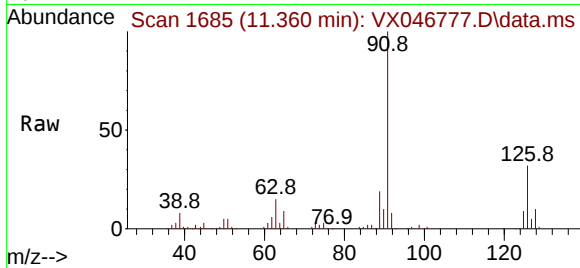
Tgt Ion: 91 Resp: 9873
Ion Ratio Lower Upper
91 100
126 33.1 0.0 63.0

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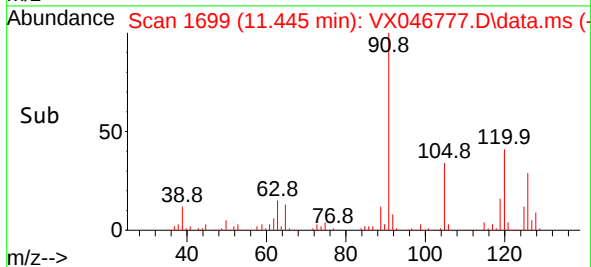
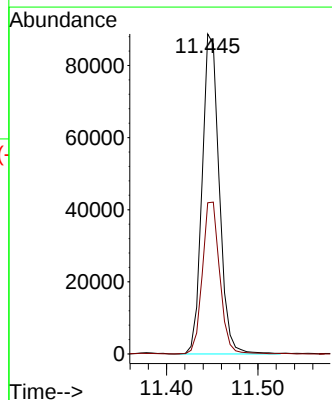
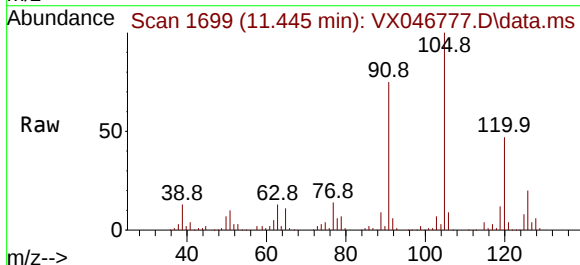
06/23/2025
Supervised By :Mahesh
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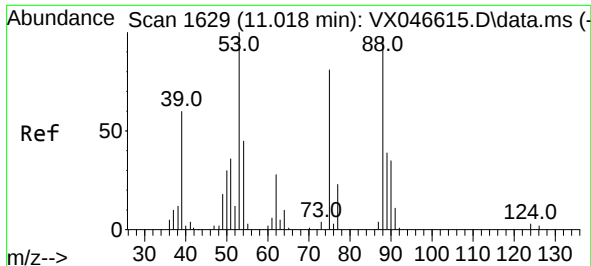
06/23/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.132 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

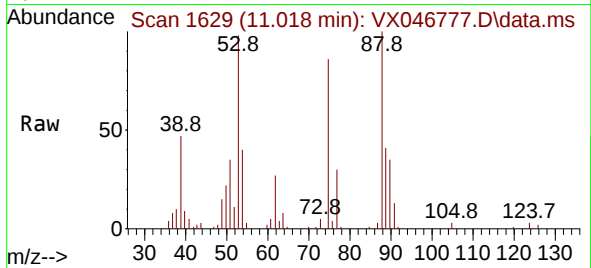
Tgt Ion:105 Resp: 115156
Ion Ratio Lower Upper
105 100
120 48.2 0.0 92.8





#77
t-1,4-Dichloro-2-butene
Concen: 14.786 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



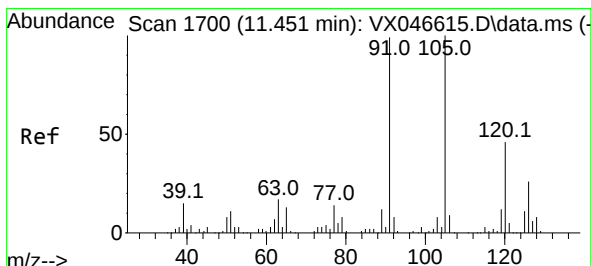
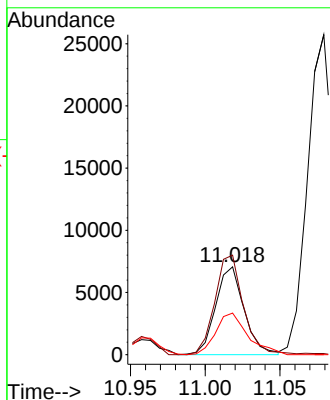
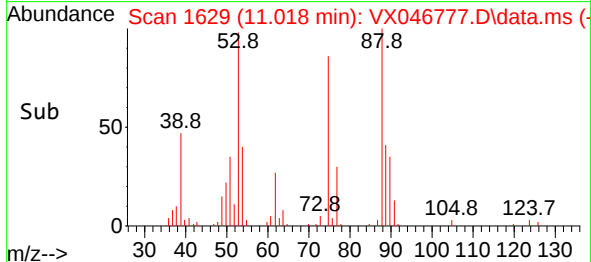
Tgt Ion: 75 Resp: 936
Ion Ratio Lower Upper
75 100
53 109.4 61.9 185.7
89 84.3 24.0 72.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

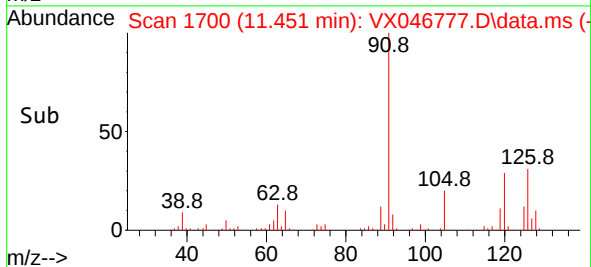
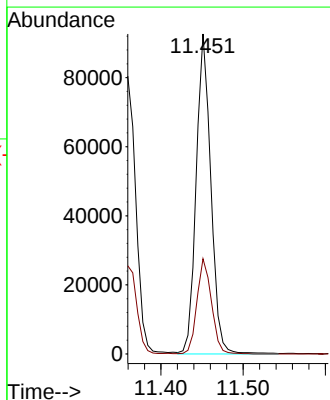
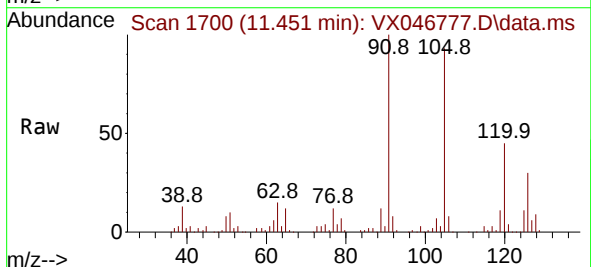
06/23/2025
Supervised By :Mahesh
Dadoda

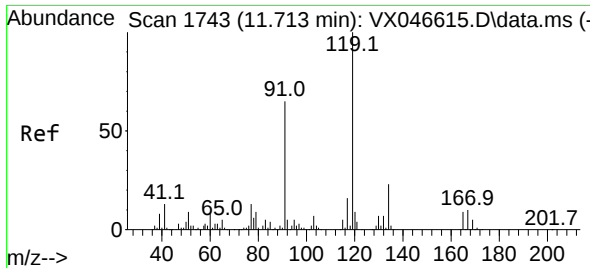
06/23/2025



#78
4-Chlorotoluene
Concen: 18.139 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

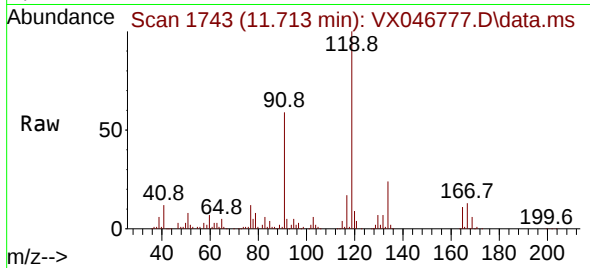
Tgt Ion: 91 Resp: 114830
Ion Ratio Lower Upper
91 100
126 29.5 0.0 55.0





#79
tert-butylbenzene
Concen: 18.694 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



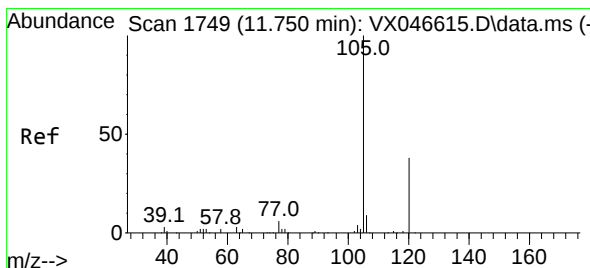
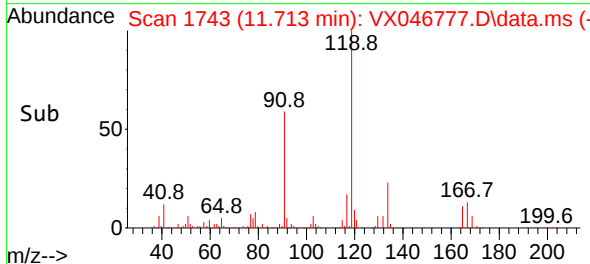
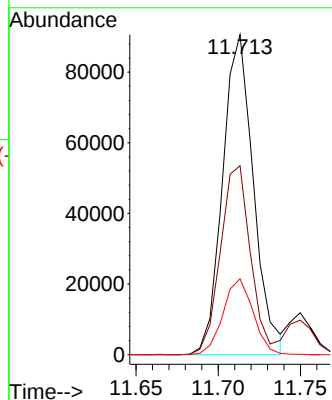
Tgt Ion:119 Resp: 118400
Ion Ratio Lower Upper
119 100
91 57.4 0.0 126.0
134 23.2 0.0 45.6

Manual Integrations
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Reviewed By :John
Carlone

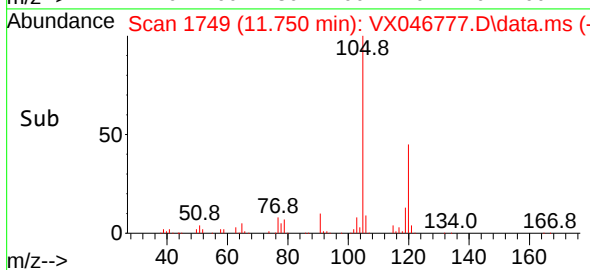
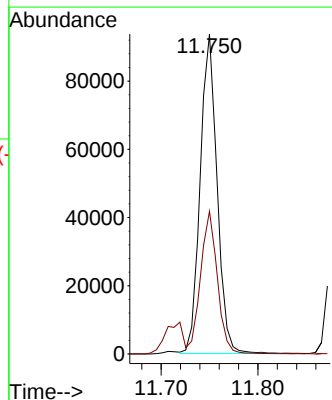
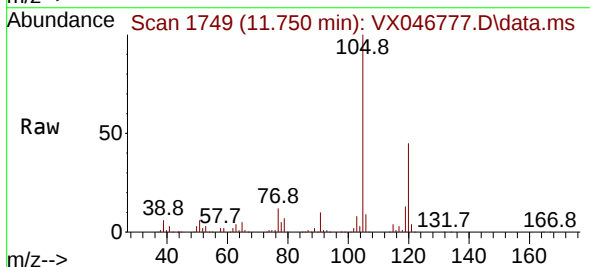
06/23/2025
Supervised By :Mahesh
Dadoda

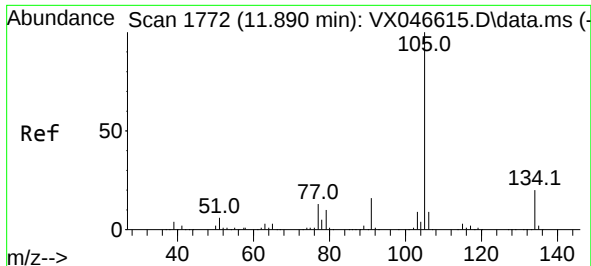
06/23/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.120 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

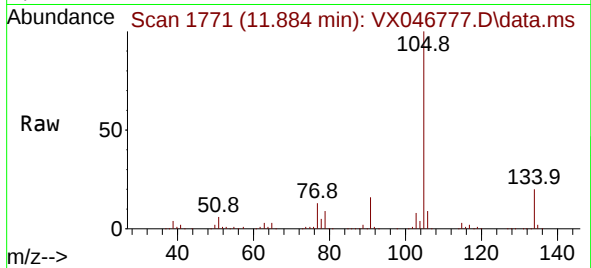
Tgt Ion:105 Resp: 113653
Ion Ratio Lower Upper
105 100
120 44.8 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 18.607 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX046777.D
 Acq: 20 Jun 2025 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



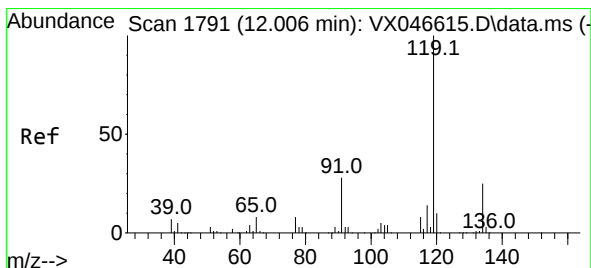
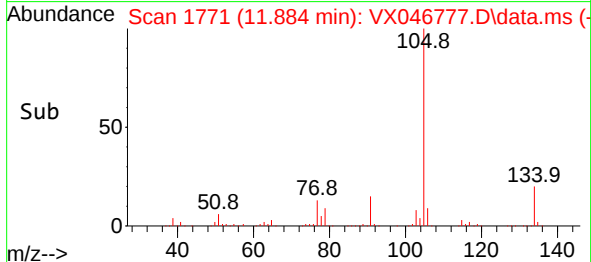
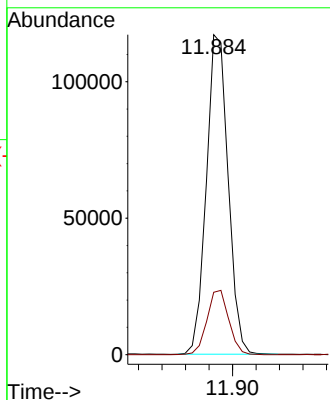
Tgt Ion:105 Resp: 150809
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 38.4

Manual Integrations
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Reviewed By :John
 Carlone

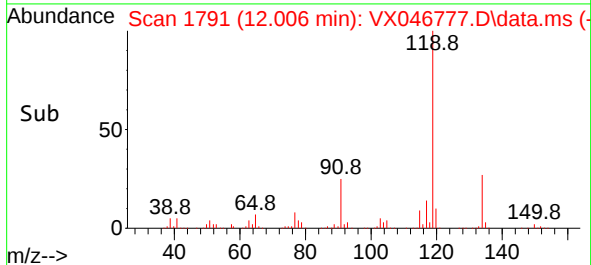
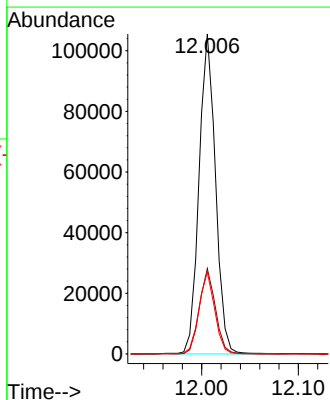
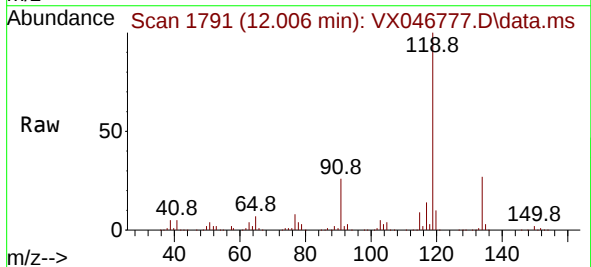
06/23/2025
 Supervised By :Mahesh
 Dadoda

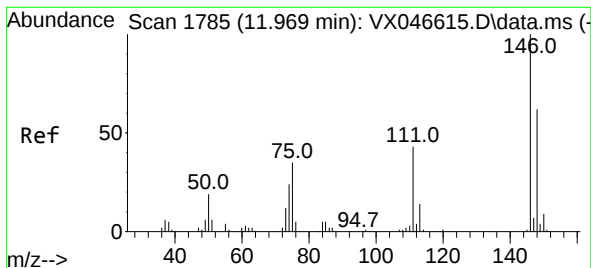
06/23/2025



#82
 p-Isopropyltoluene
 Concen: 18.822 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046777.D
 Acq: 20 Jun 2025 09:16

Tgt Ion:119 Resp: 125207
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 50.0
 91 24.5 0.0 54.0





#83

1,3-Dichlorobenzene

Concen: 18.947 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046777.D

Acq: 20 Jun 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

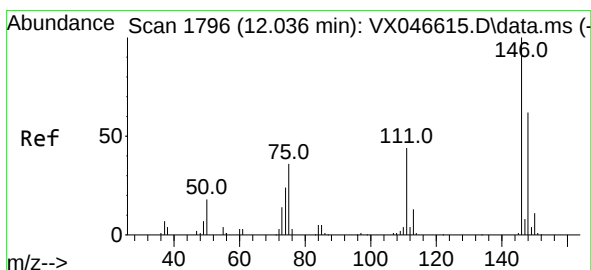
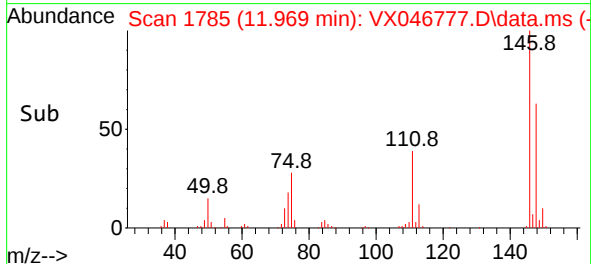
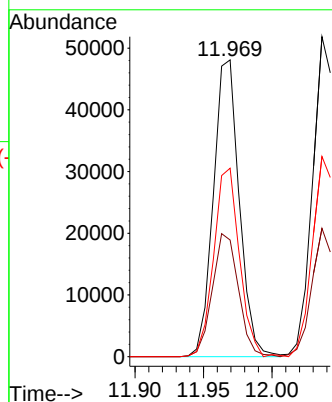
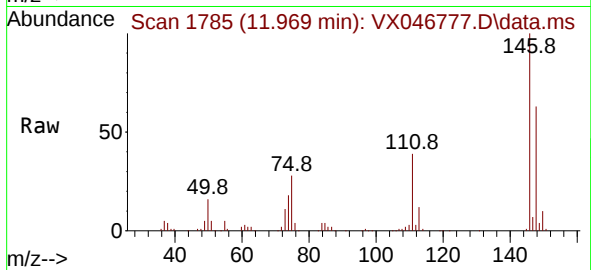
Tgt Ion:146 Resp: 6319
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.9 65.8
 148 62.8 32.0 96.2

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

06/23/2025
 Supervised By :Mahesh
 Dadoda

06/23/2025



#84

1,4-Dichlorobenzene

Concen: 19.081 ug/l

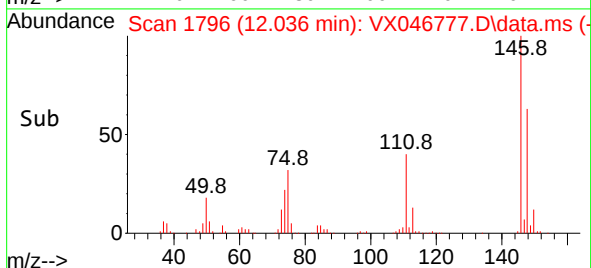
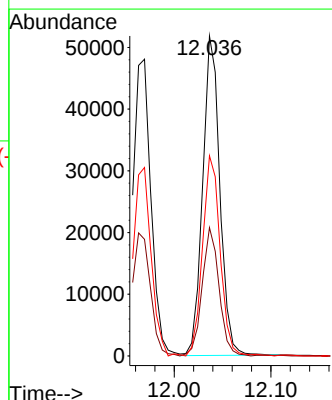
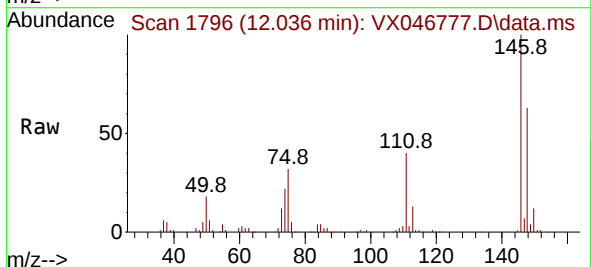
RT: 12.036 min Scan# 1796

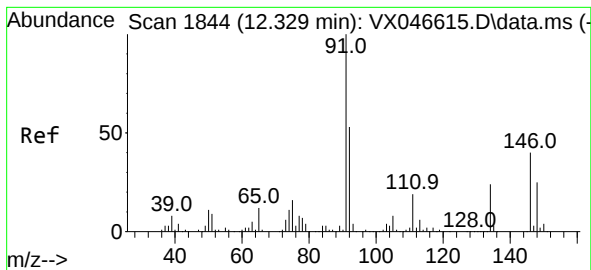
Delta R.T. 0.000 min

Lab File: VX046777.D

Acq: 20 Jun 2025 09:16

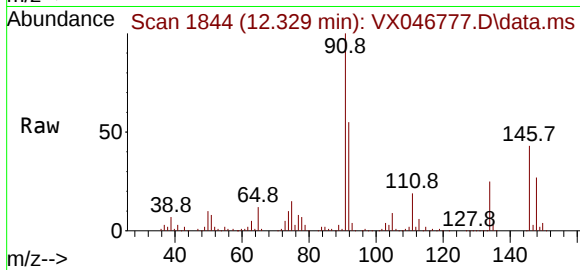
Tgt Ion:146 Resp: 63997
 Ion Ratio Lower Upper
 146 100
 111 39.7 21.3 63.7
 148 64.0 31.4 94.3





#85
n-Butylbenzene
Concen: 18.462 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



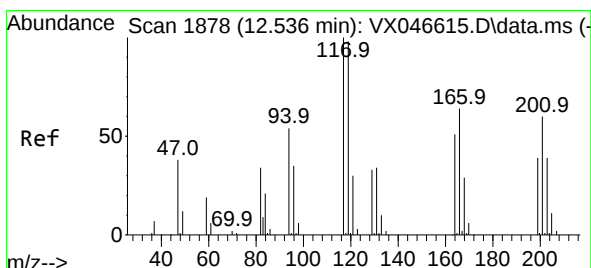
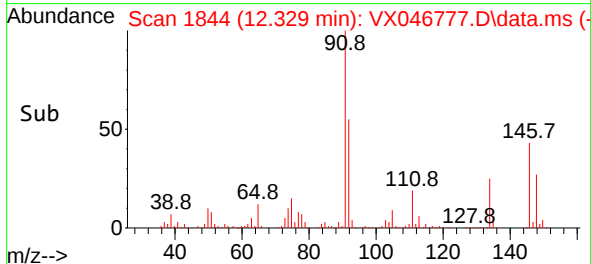
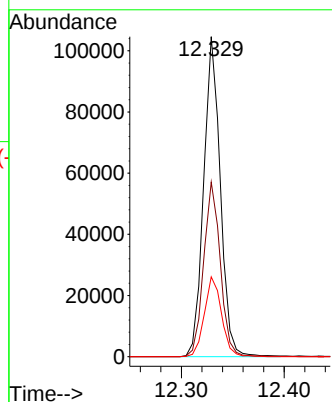
Tgt Ion: 91 Resp: 11831
Ion Ratio Lower Upper
91 100
92 54.4 0.0 106.4
134 25.5 0.0 48.8

Manual Integrations
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Reviewed By :John
Carlone

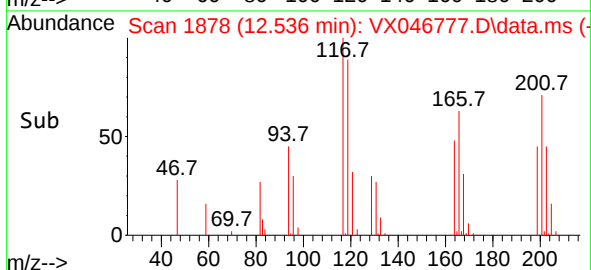
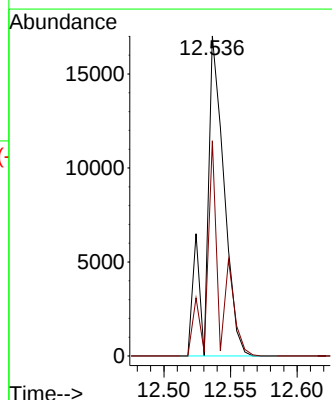
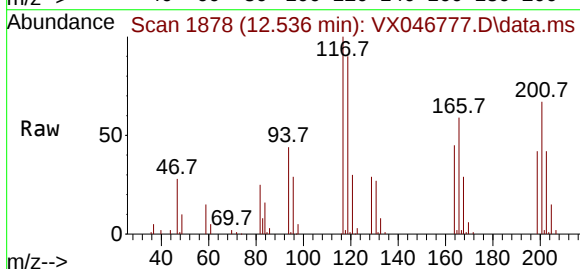
06/23/2025
Supervised By :Mahesh
Dadoda

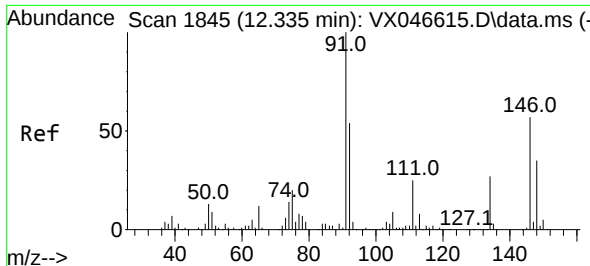
06/23/2025



#86
Hexachloroethane
Concen: 13.574 ug/l m
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

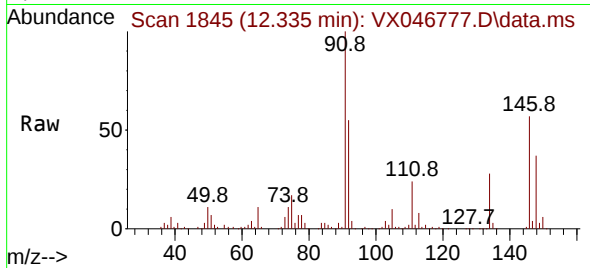
Tgt Ion:117 Resp: 15682
Ion Ratio Lower Upper
117 100
201 27.3 31.7 95.1#





#87
1,2-Dichlorobenzene
Concen: 18.863 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



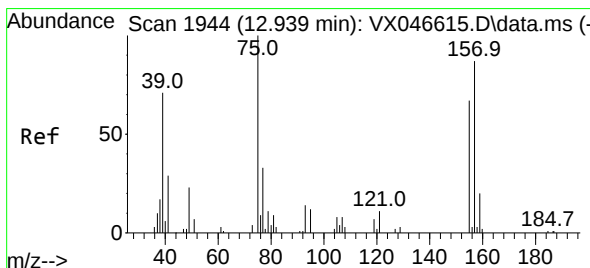
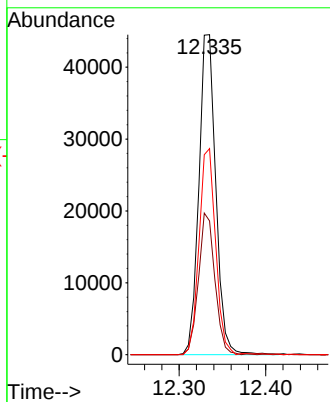
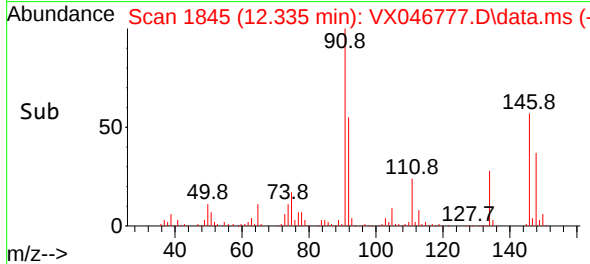
Tgt Ion:146 Resp: 60529
Ion Ratio Lower Upper
146 100
111 42.9 22.9 68.5
148 62.6 31.6 94.8

Manual Integrations
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Reviewed By :John
Carlone

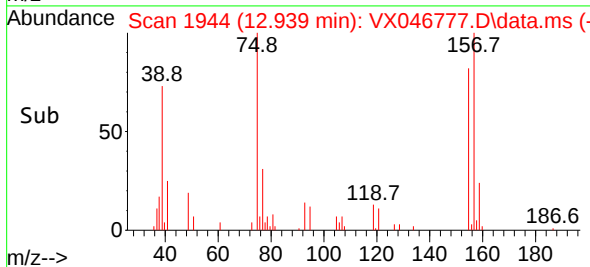
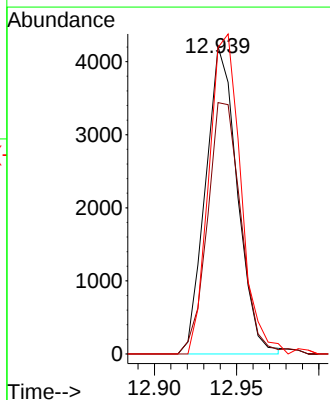
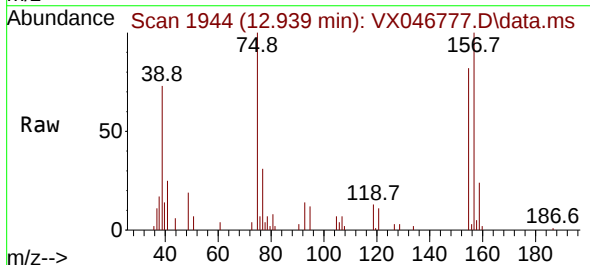
06/23/2025
Supervised By :Mahesh
Dadoda

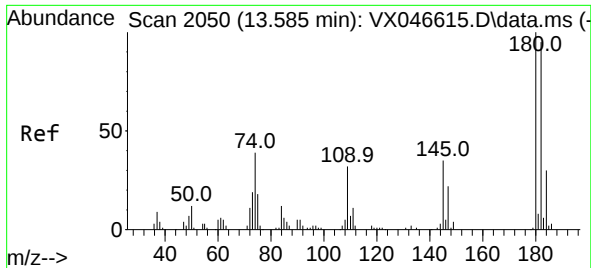
06/23/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 12.228 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

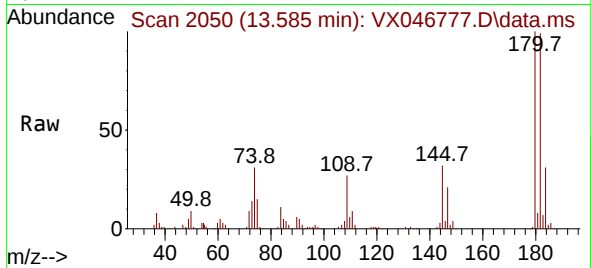
Tgt Ion: 75 Resp: 5664
Ion Ratio Lower Upper
75 100
155 85.5 59.4 89.2
157 104.2 75.0 112.6





#89
1,2,4-Trichlorobenzene
Concen: 19.192 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



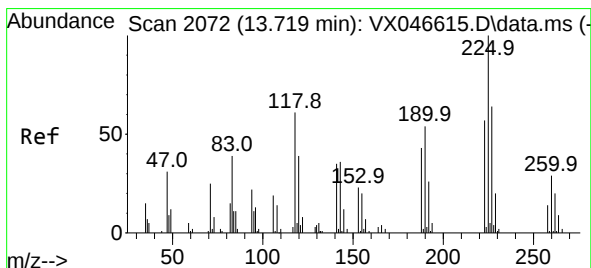
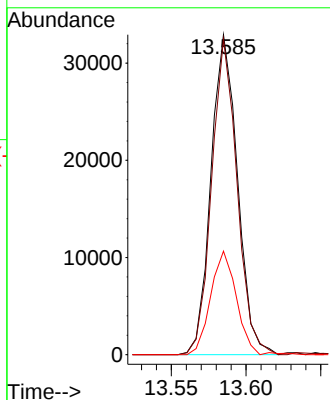
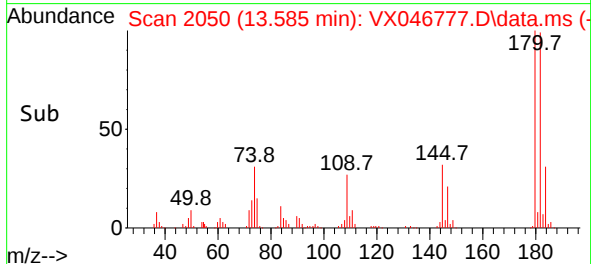
Tgt Ion:180 Resp: 40598
Ion Ratio Lower Upper
180 100
182 94.3 75.0 112.6
145 31.2 27.4 41.0

Manual Integrations
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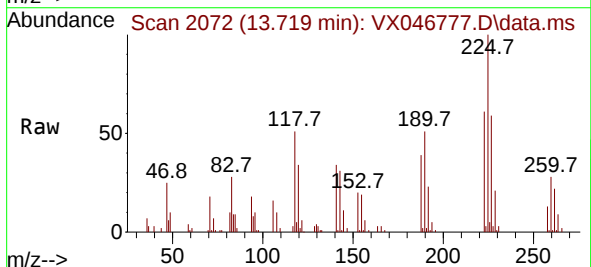
Reviewed By :John
Carlone

06/23/2025
Supervised By :Mahesh
Dadoda

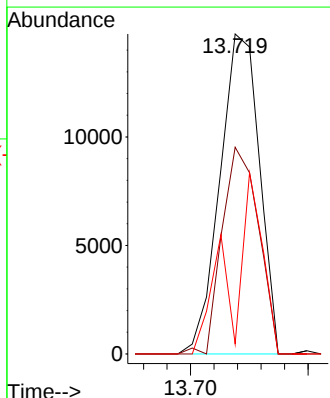
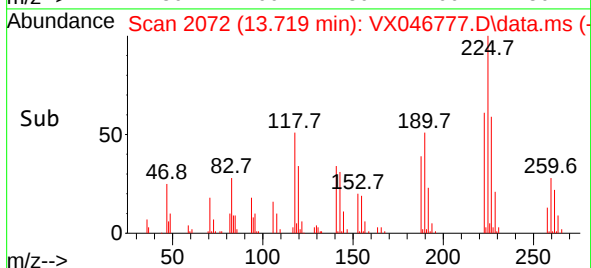
06/23/2025

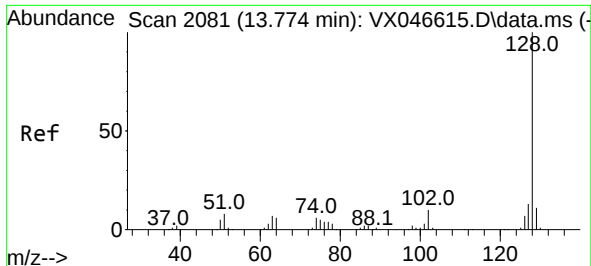


#90
Hexachlorobutadiene
Concen: 18.476 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16



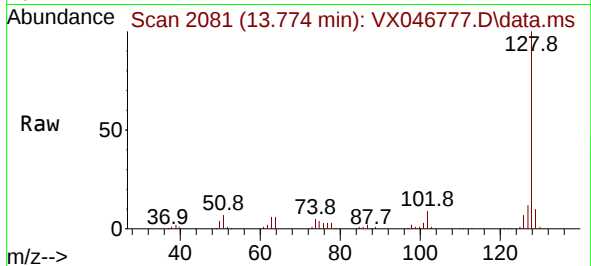
Tgt Ion:225 Resp: 17210
Ion Ratio Lower Upper
225 100
223 59.0 0.0 126.4
227 27.6 0.0 131.4





#91
Naphthalene
Concen: 15.033 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



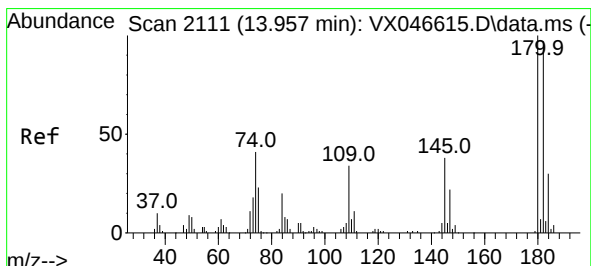
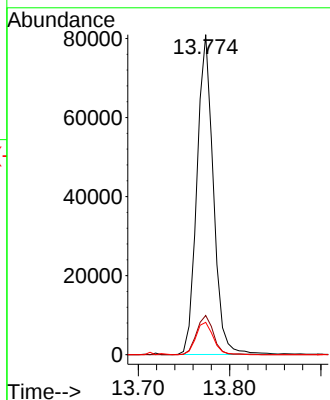
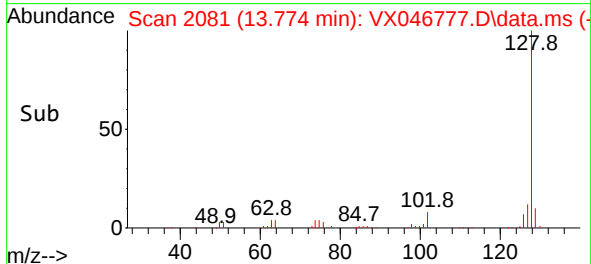
Tgt Ion:128 Resp: 100889
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.8 8.8 13.2

Manual Integrations
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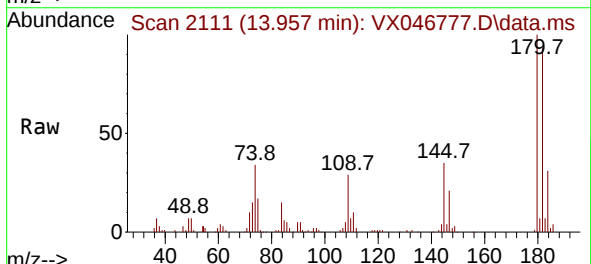
Reviewed By :John
Carlone

06/23/2025
Supervised By :Mahesh
Dadoda

06/23/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.156 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046777.D
Acq: 20 Jun 2025 09:16



Tgt Ion:180 Resp: 37700
Ion Ratio Lower Upper
180 100
182 96.8 0.0 190.2
145 34.9 0.0 71.8

