

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035777.D
 Acq On : 22 May 2023 12:12
 Operator : JC/MD
 Sample : VX0522WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

Quant Time: May 23 06:08:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/23/2023
 Supervised By : Mahesh Dadoda 05/23/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	211086	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.756	114	366962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	181111	49.182	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.360%		
35) Dibromofluoromethane	5.385	113	122758	49.604	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.200%		
50) Toluene-d8	8.646	98	445763	48.757	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.520%		
62) 4-Bromofluorobenzene	11.079	95	180115	48.929	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	53654	19.504	ug/l	95
3) Chloromethane	1.294	50	52071	15.597	ug/l	99
4) Vinyl Chloride	1.373	62	49884	17.607	ug/l	100
5) Bromomethane	1.617	94	29954	19.521	ug/l	99
6) Chloroethane	1.690	64	28331	16.483	ug/l	100
7) Trichlorofluoromethane	1.885	101	76822	18.441	ug/l	99
8) Diethyl Ether	2.129	74	27258	16.994	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.330	101	48722	19.699	ug/l	96
10) Methyl Iodide	2.452	142	44347	20.047	ug/l	89
11) Tert butyl alcohol	3.032	59	55888m	86.023	ug/l	
12) 1,1-Dichloroethene	2.318	96	43146	18.354	ug/l	88
13) Acrolein	2.245	56	62157	80.608	ug/l	98
14) Allyl chloride	2.666	41	87828	17.440	ug/l	92
15) Acrylonitrile	3.068	53	134203	93.807	ug/l	98
16) Acetone	2.404	43	147148	92.972	ug/l	91
17) Carbon Disulfide	2.513	76	91892	16.197	ug/l	100
18) Methyl Acetate	2.708	43	116432	19.947	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	172005	18.388	ug/l	97
20) Methylene Chloride	2.788	84	51763	18.046	ug/l	94
21) trans-1,2-Dichloroethene	3.092	96	46970	18.235	ug/l	92
22) Diisopropyl ether	3.757	45	184656	18.727	ug/l	99
23) Vinyl Acetate	3.720	43	641883	92.003	ug/l	96
24) 1,1-Dichloroethane	3.611	63	99176	18.807	ug/l	97
25) 2-Butanone	4.568	43	204281	93.238	ug/l	99
26) 2,2-Dichloropropane	4.470	77	78368	17.549	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	57549	18.585	ug/l	93
28) Bromochloromethane	4.897	49	49954	21.060	ug/l	93
29) Tetrahydrofuran	5.013	42	125711	91.287	ug/l	99
30) Chloroform	5.092	83	102082	18.891	ug/l	96
31) Cyclohexane	5.470	56	87236	18.750	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	87457	18.601	ug/l	98
36) 1,1-Dichloropropene	5.690	75	74271	19.013	ug/l	98
37) Ethyl Acetate	4.714	43	77232	18.955	ug/l	98
38) Carbon Tetrachloride	5.677	117	69645	18.821	ug/l	98
39) Methylcyclohexane	7.378	83	86992	18.918	ug/l	93
40) Benzene	6.037	78	207252	18.965	ug/l	99

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Manual Integrations
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Quant Time: May 23 06:08:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	45988	19.010	ug/l	97
42) 1,2-Dichloroethane	6.086	62	92048	19.581	ug/l	96
43) Isopropyl Acetate	6.336	43	129782	18.267	ug/l	98
44) Trichloroethene	7.122	130	51560	18.607	ug/l	88
45) 1,2-Dichloropropane	7.427	63	55413	19.146	ug/l	98
46) Dibromomethane	7.579	93	37565	18.961	ug/l	95
47) Bromodichloromethane	7.817	83	71261	18.610	ug/l	98
48) Methyl methacrylate	7.689	41	65973	18.815	ug/l	96
49) 1,4-Dioxane	7.738	88	25677	341.857	ug/l #	76
51) 4-Methyl-2-Pentanone	8.573	43	404381	98.794	ug/l	97
52) Toluene	8.720	92	130634	18.937	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	75294	18.098	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	83394	18.709	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	52152	19.249	ug/l	97
56) Ethyl methacrylate	9.116	69	81607	18.599	ug/l	95
57) 1,3-Dichloropropane	9.305	76	94649	19.271	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	220129	98.622	ug/l	98
59) 2-Hexanone	9.433	43	300928	97.623	ug/l	97
60) Dibromochloromethane	9.518	129	46654	18.064	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53491	18.739	ug/l	100
64) Tetrachloroethene	9.274	164	43203	19.589	ug/l	96
65) Chlorobenzene	10.079	112	138720	19.399	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.158	131	47015	18.594	ug/l	99
67) Ethyl Benzene	10.195	91	258848	19.246	ug/l	99
68) m/p-Xylenes	10.299	106	191789	38.579	ug/l	95
69) o-Xylene	10.640	106	92875	18.827	ug/l	93
70) Styrene	10.652	104	150366	18.913	ug/l	98
71) Bromoform	10.798	173	28700	17.251	ug/l #	96
73) Isopropylbenzene	10.963	105	249622	19.640	ug/l	99
74) N-amyl acetate	10.841	43	106969	18.051	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	77705	18.847	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	74214m	20.115	ug/l	
77) Bromobenzene	11.195	156	53725	18.624	ug/l	93
78) n-propylbenzene	11.304	91	297228	19.894	ug/l	97
79) 2-Chlorotoluene	11.365	91	179339	19.172	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	212005	19.626	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17992	15.717	ug/l #	75
82) 4-Chlorotoluene	11.451	91	204760	19.007	ug/l	97
83) tert-Butylbenzene	11.713	119	197327	18.792	ug/l	94
84) 1,2,4-Trimethylbenzene	11.749	105	209012	19.270	ug/l	98
85) sec-Butylbenzene	11.890	105	255443	19.375	ug/l	98
86) p-Isopropyltoluene	12.006	119	213095	19.660	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	102337	18.674	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	102323	18.490	ug/l	97
89) n-Butylbenzene	12.335	91	192650	19.539	ug/l	96
90) Hexachloroethane	12.536	117	29759	18.115	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	98782	18.407	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	16313	17.768	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	58703	18.167	ug/l	96
94) Hexachlorobutadiene	13.725	225	22979	17.917	ug/l	98
95) Naphthalene	13.773	128	194906	17.614	ug/l	100
96) 1,2,3-Trichlorobenzene	13.962	180	56056	17.639	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VX0522WBS01

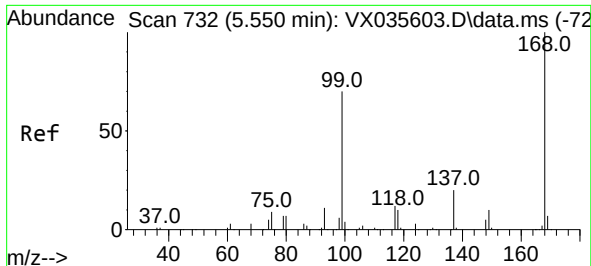
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/23/2023

Quant Time: May 23 06:08:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

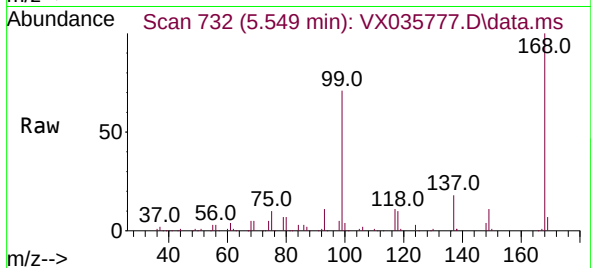
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
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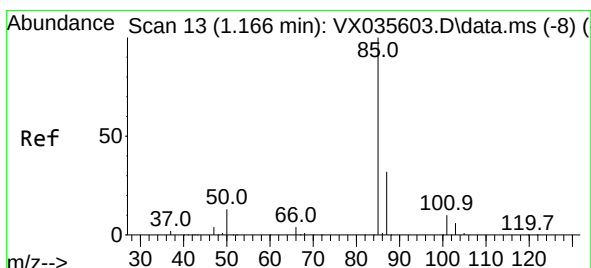
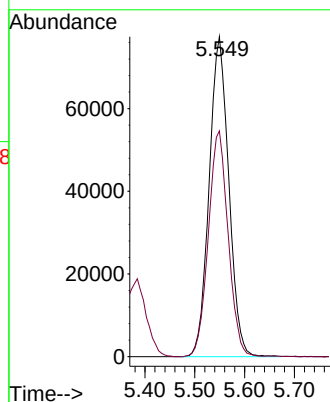
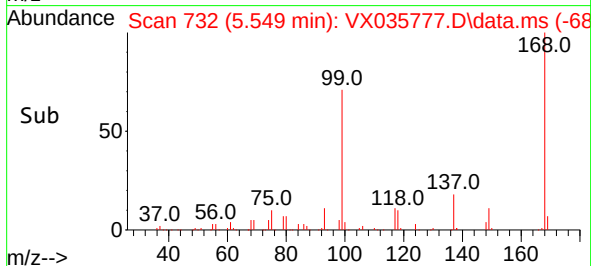
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



Tgt Ion:168 Resp: 211080
Ion Ratio Lower Upper
168 100
99 70.6 45.7 68.5

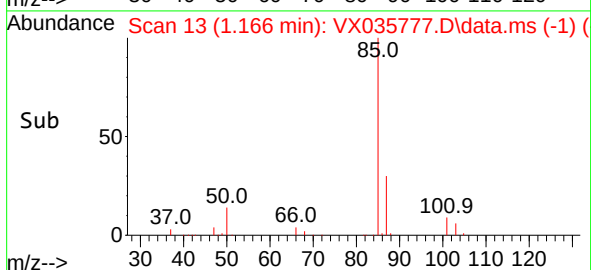
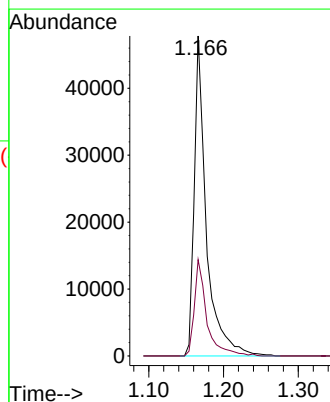
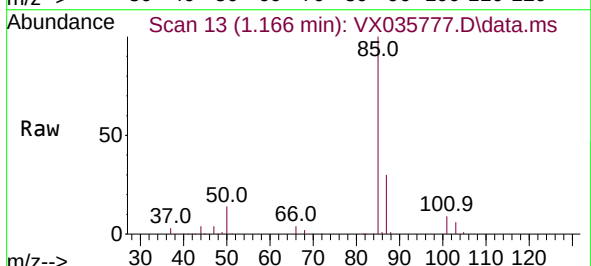
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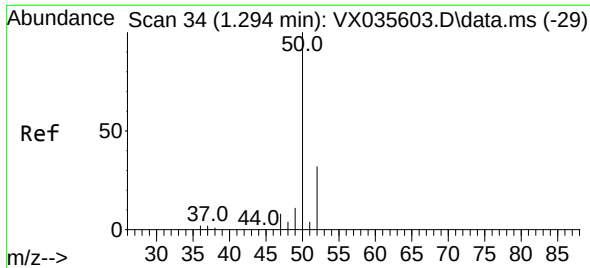
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#2
Dichlorodifluoromethane
Concen: 19.504 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

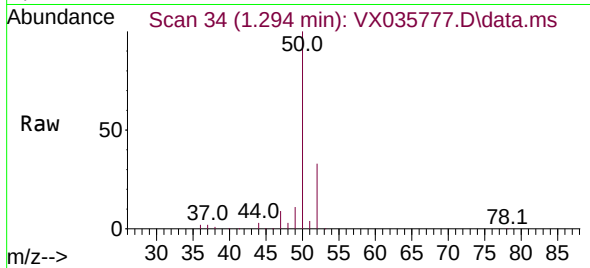
Tgt Ion: 85 Resp: 53654
Ion Ratio Lower Upper
85 100
87 30.1 16.4 49.1





#3
Chloromethane
Concen: 15.597 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

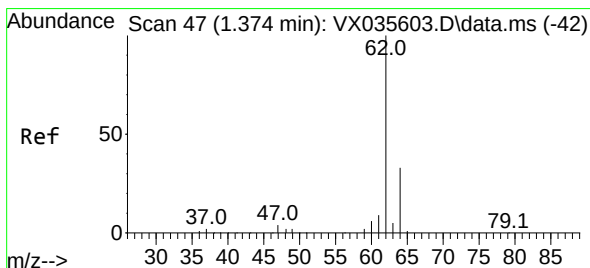
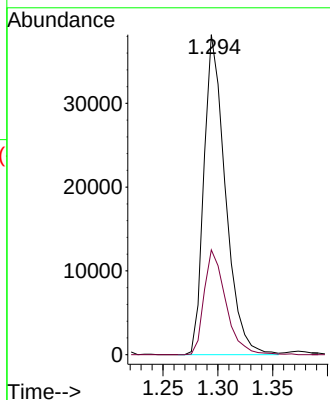
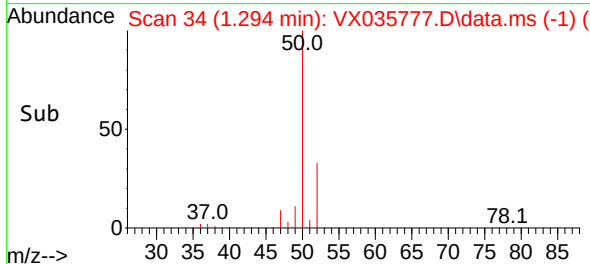
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



Tgt Ion: 50 Resp: 5207
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9

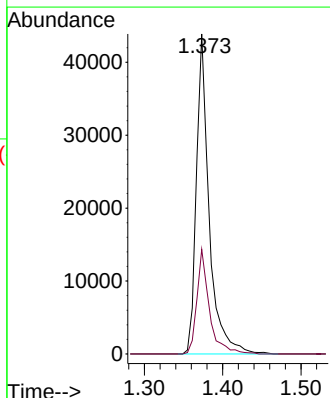
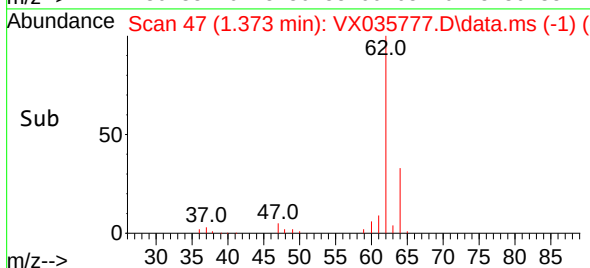
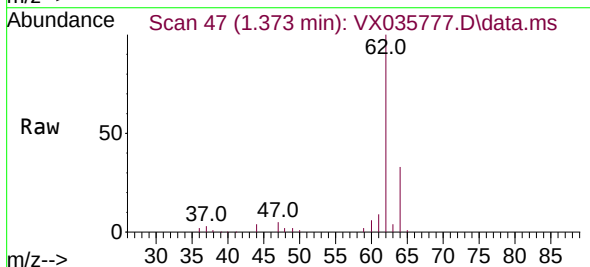
Manual Integrations
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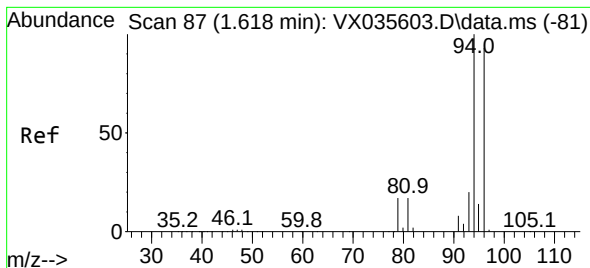
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#4
Vinyl Chloride
Concen: 17.607 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

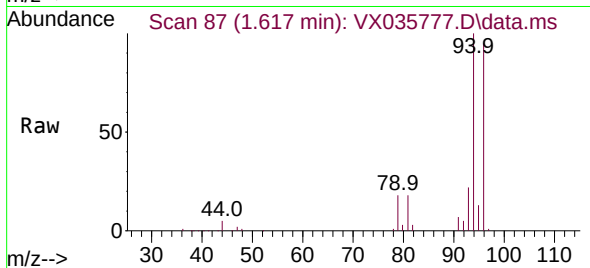
Tgt Ion: 62 Resp: 49884
Ion Ratio Lower Upper
62 100
64 32.7 26.4 39.6





#5
Bromomethane
Concen: 19.521 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

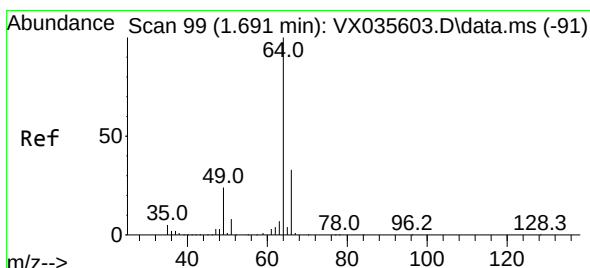
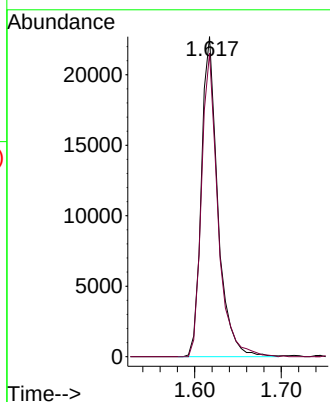
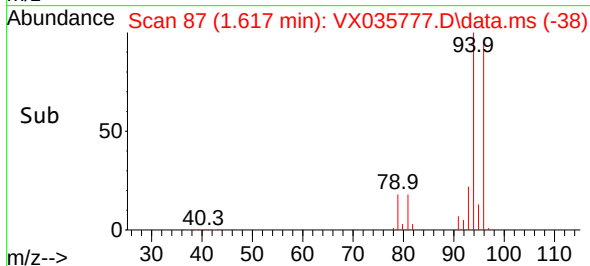
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



Tgt Ion: 94 Resp: 29954
Ion Ratio Lower Upper
94 100
96 94.9 77.0 115.6

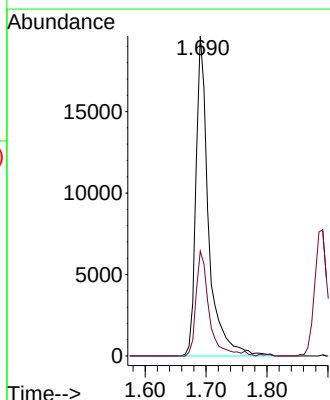
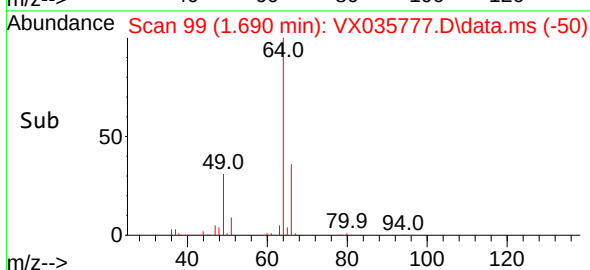
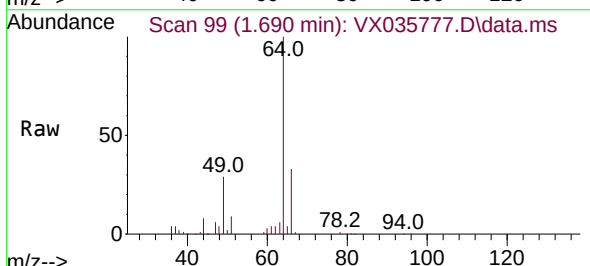
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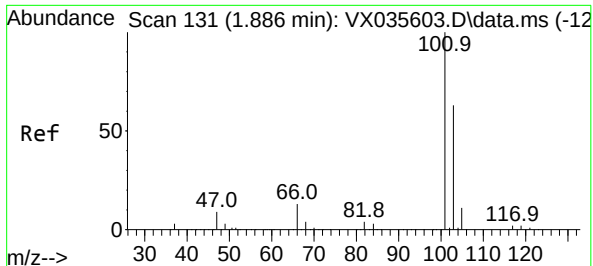
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#6
Chloroethane
Concen: 16.483 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

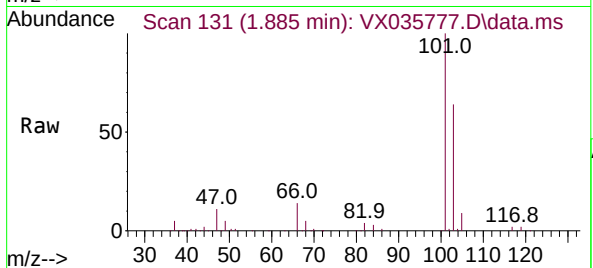
Tgt Ion: 64 Resp: 28331
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 18.441 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

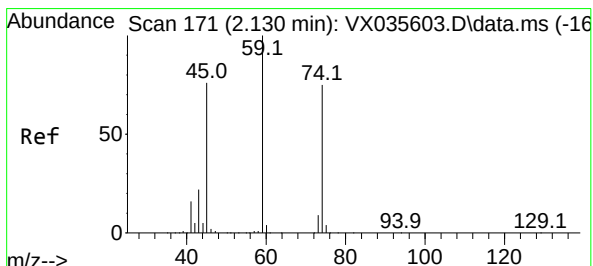
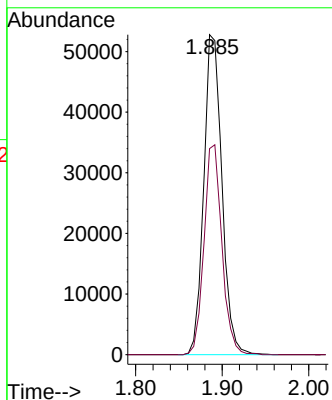
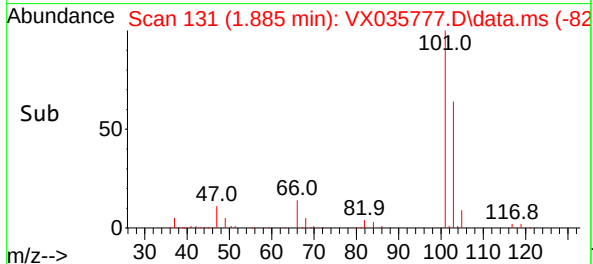
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



Tgt Ion:101 Resp: 7682
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

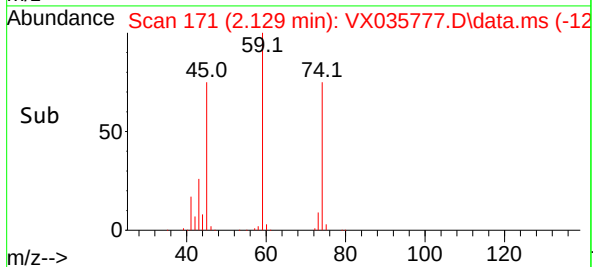
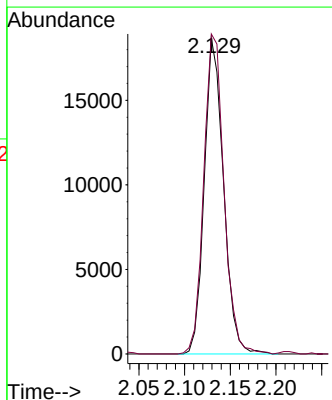
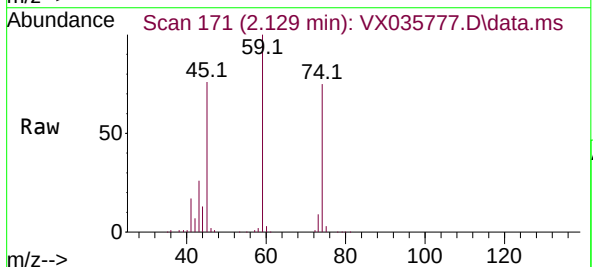
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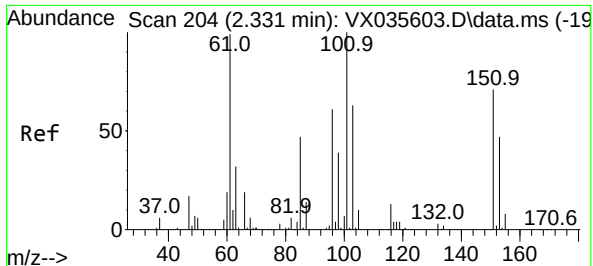
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#8
Diethyl Ether
Concen: 16.994 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

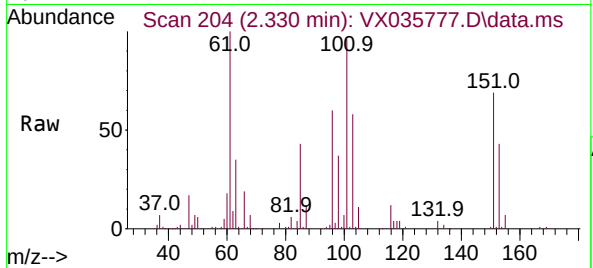
Tgt Ion: 74 Resp: 27258
Ion Ratio Lower Upper
74 100
45 106.3 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.699 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

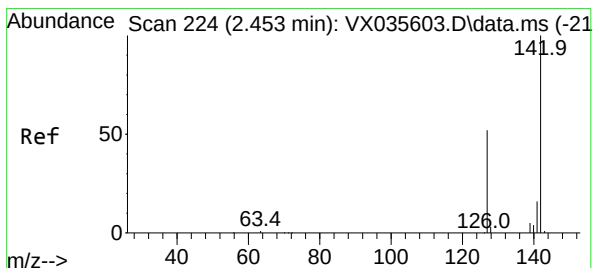
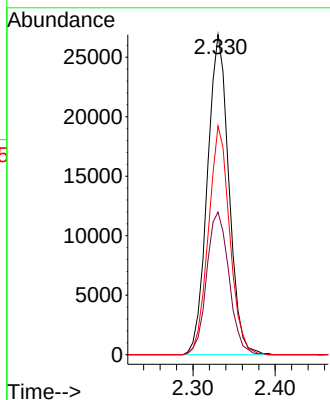
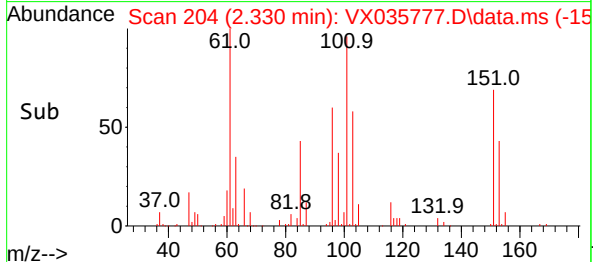
Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 4872
Ion Ratio Lower Upper
101 100
85 46.4 35.4 53.2
151 70.9 60.2 90.4

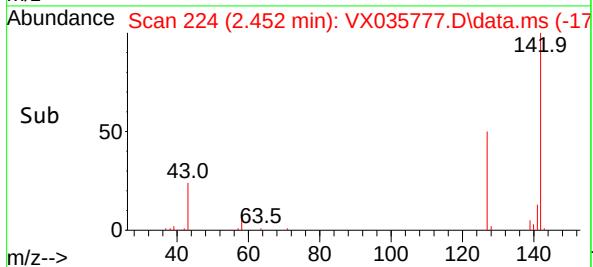
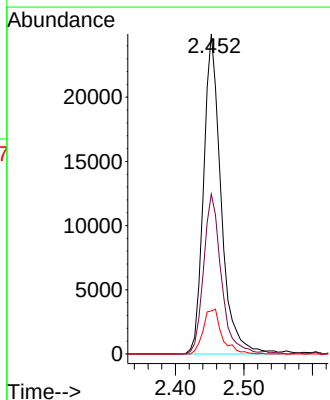
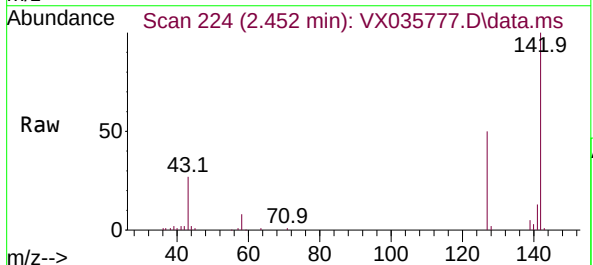
Manual Integrations
APPROVED

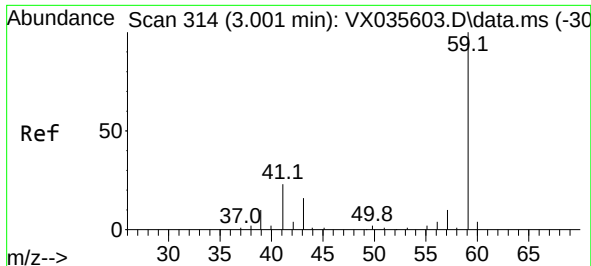
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#10
Methyl Iodide
Concen: 20.047 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Tgt Ion:142 Resp: 44347
Ion Ratio Lower Upper
142 100
127 50.9 34.0 51.0
141 14.9 11.1 16.7





#11

Tert butyl alcohol

Concen: 86.023 ug/l m

RT: 3.032 min Scan# 314

Delta R.T. 0.031 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tgt Ion: 59 Resp: 5588

Ion Ratio Lower Upper

59 100

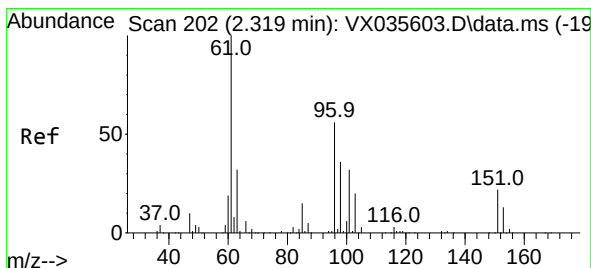
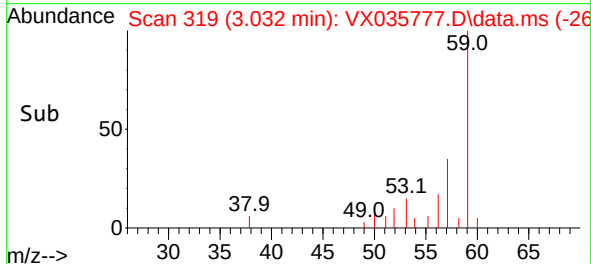
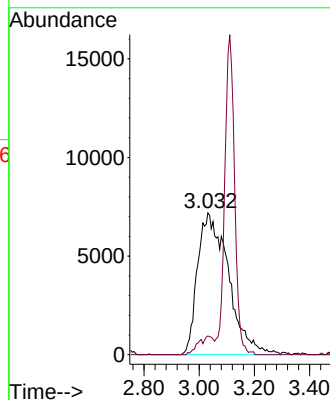
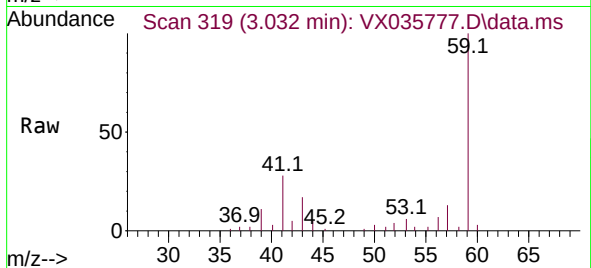
57 3.8 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#12

1,1-Dichloroethene

Concen: 18.354 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.001 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

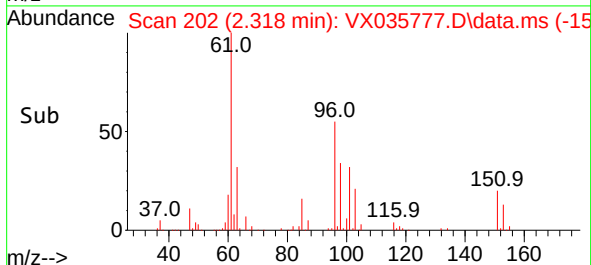
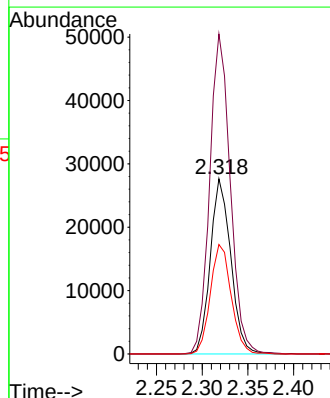
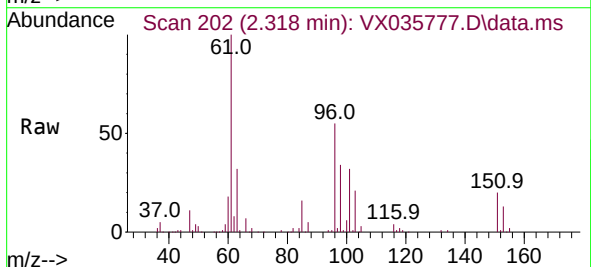
Tgt Ion: 96 Resp: 43146

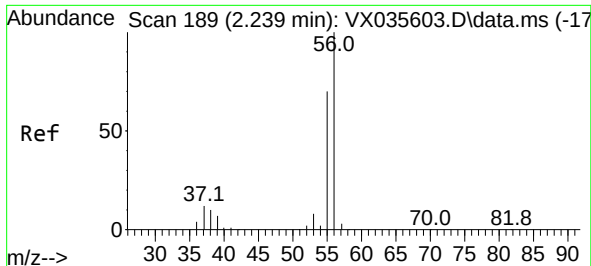
Ion Ratio Lower Upper

96 100

61 182.7 128.8 193.2

98 62.5 51.4 77.0





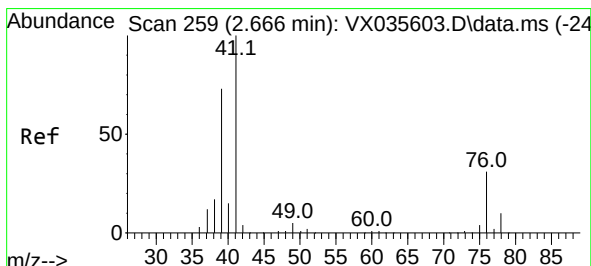
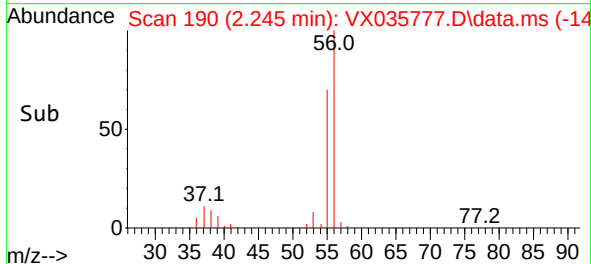
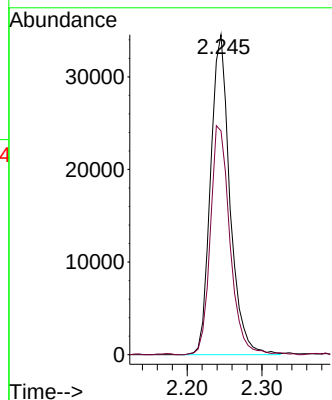
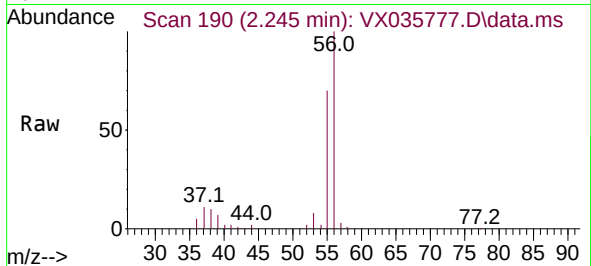
#13
Acrolein
Concen: 80.608 ug/l
RT: 2.245 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tgt Ion: 56 Resp: 6215
Ion Ratio Lower Upper
56 100
55 72.5 56.6 85.0

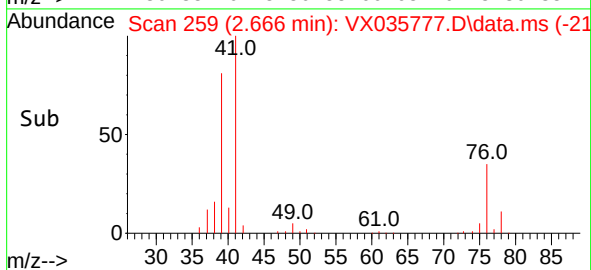
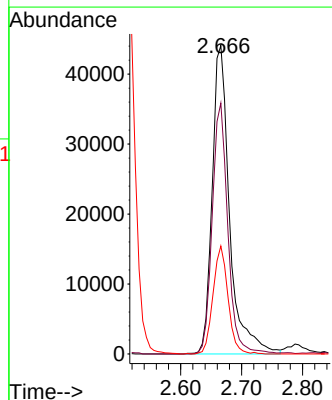
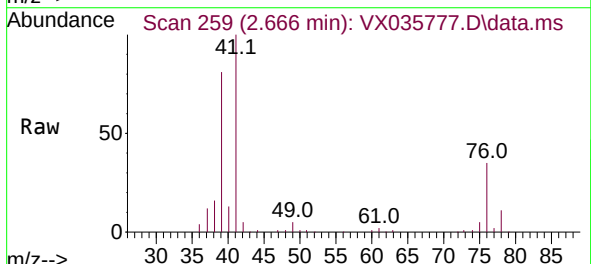
Manual Integrations
APPROVED

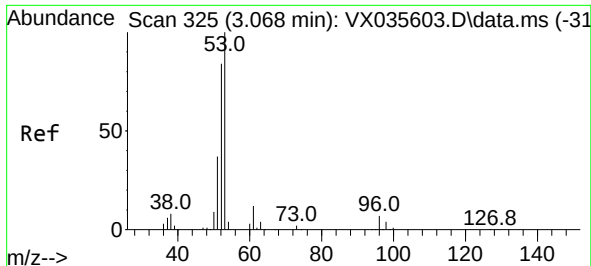
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#14
Allyl chloride
Concen: 17.440 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

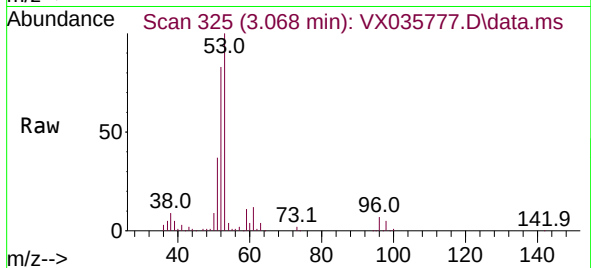
Tgt Ion: 41 Resp: 87828
Ion Ratio Lower Upper
41 100
39 72.8 52.4 78.6
76 30.1 26.0 39.0





#15
Acrylonitrile
Concen: 93.807 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

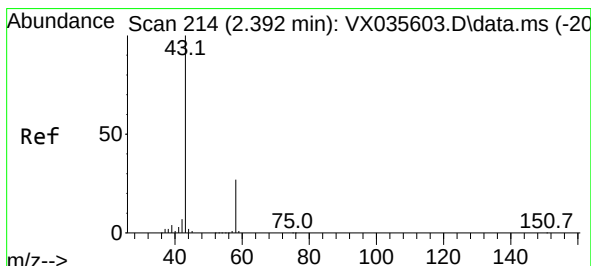
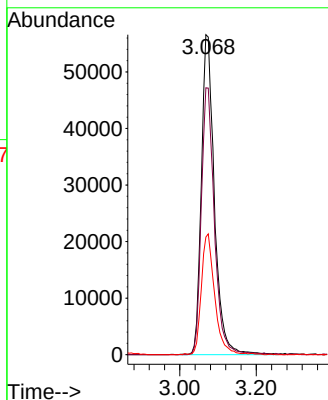
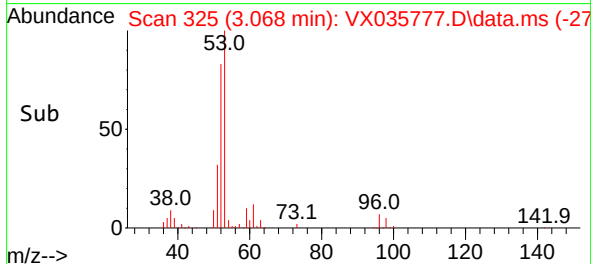
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



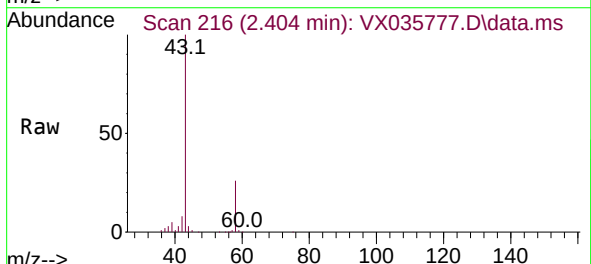
Tgt Ion: 53 Resp: 13420
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.2
51 38.1 28.3 42.5

Manual Integrations
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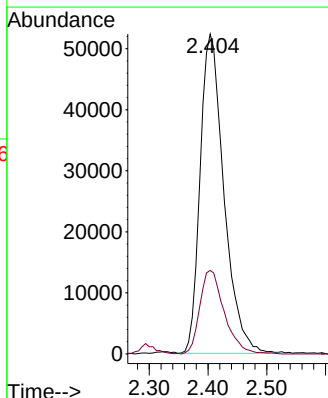
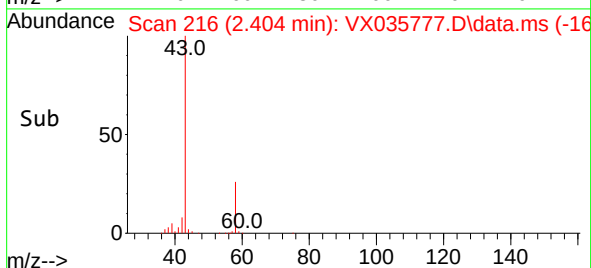
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

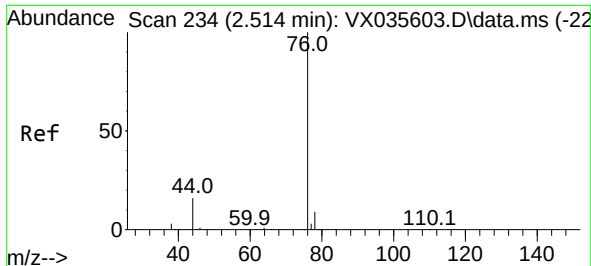


#16
Acetone
Concen: 92.972 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12



Tgt Ion: 43 Resp: 147148
Ion Ratio Lower Upper
43 100
58 26.0 24.7 37.1





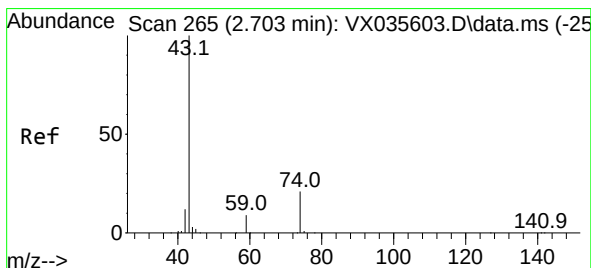
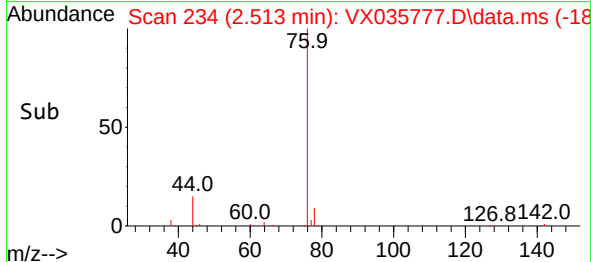
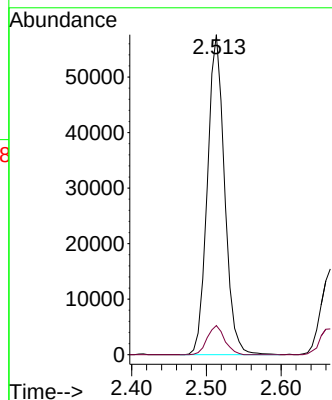
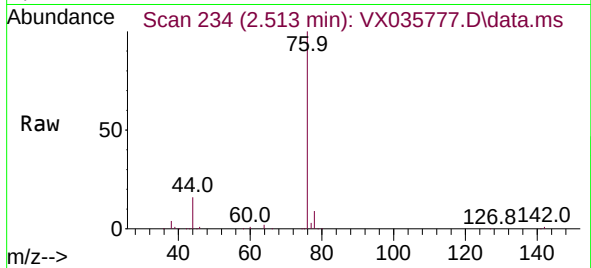
#17
Carbon Disulfide
Concen: 16.197 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tgt Ion: 76 Resp: 91892
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

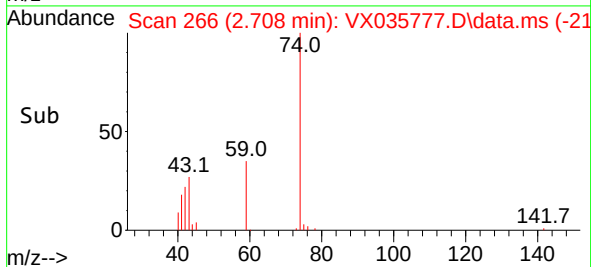
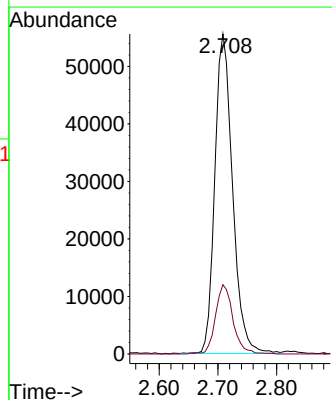
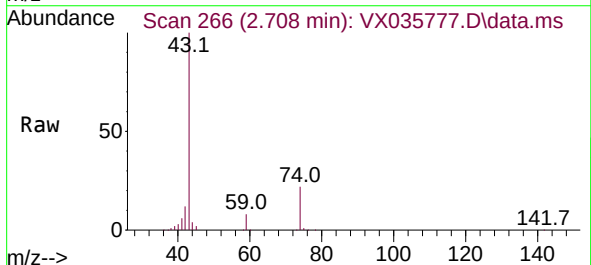
Manual Integrations
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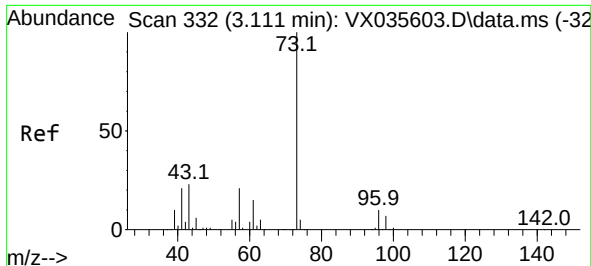
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#18
Methyl Acetate
Concen: 19.947 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.005 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Tgt Ion: 43 Resp: 116432
Ion Ratio Lower Upper
43 100
74 21.4 18.3 27.5





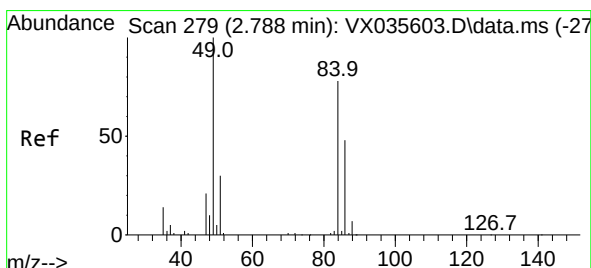
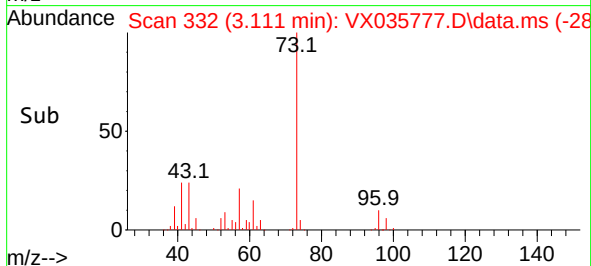
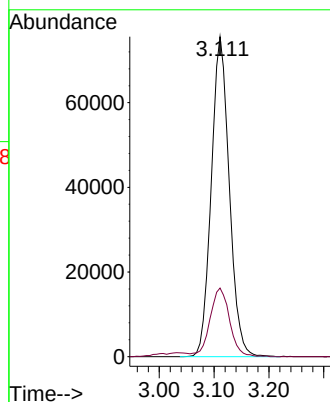
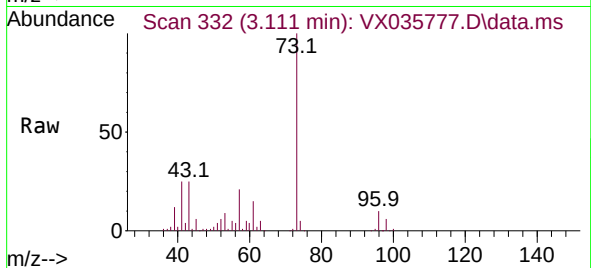
#19
Methyl tert-butyl Ether
Concen: 18.388 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tgt Ion: 73 Resp: 17200
Ion Ratio Lower Upper
73 100
57 21.5 18.5 27.7

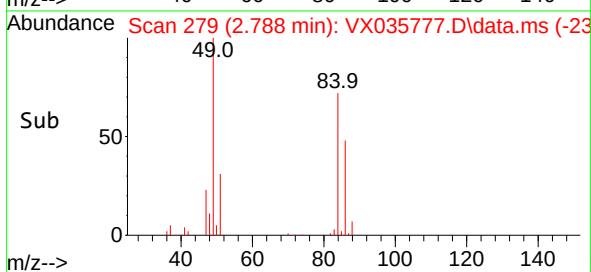
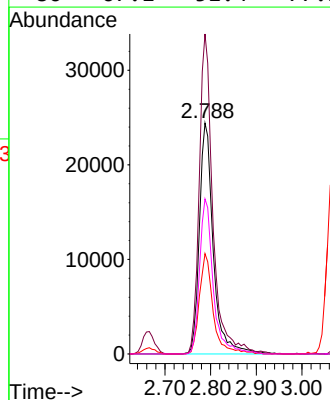
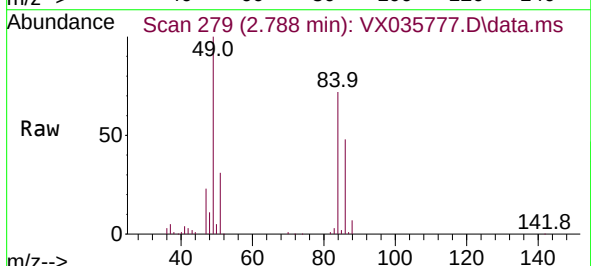
Manual Integrations
APPROVED

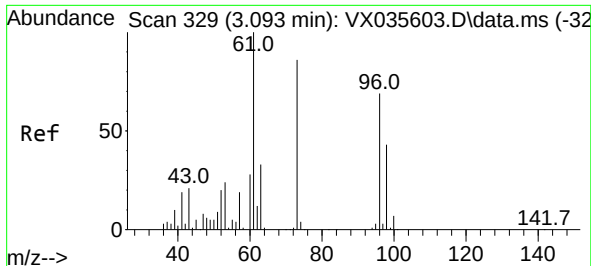
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#20
Methylene Chloride
Concen: 18.046 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

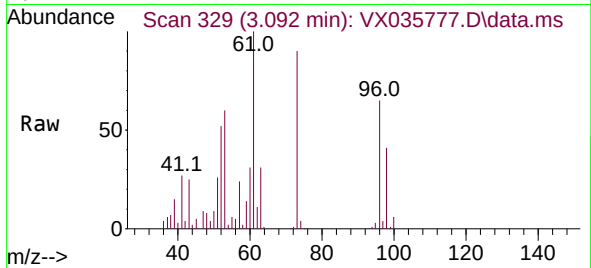
Tgt Ion: 84 Resp: 51763
Ion Ratio Lower Upper
84 100
49 138.6 103.8 155.8
51 43.5 31.8 47.8
86 67.1 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 18.235 ug/l
RT: 3.092 min Scan# 329
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

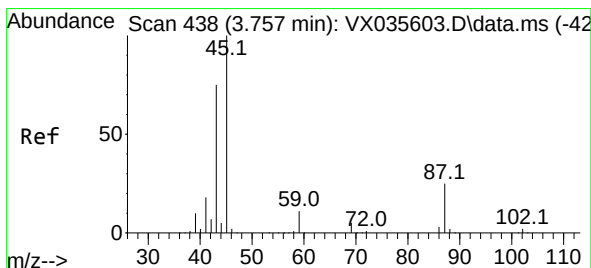
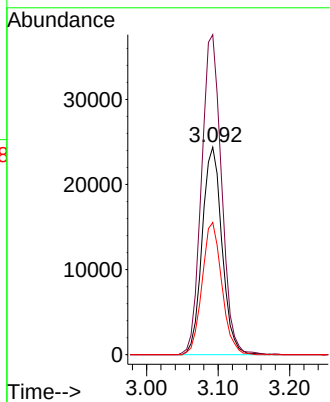
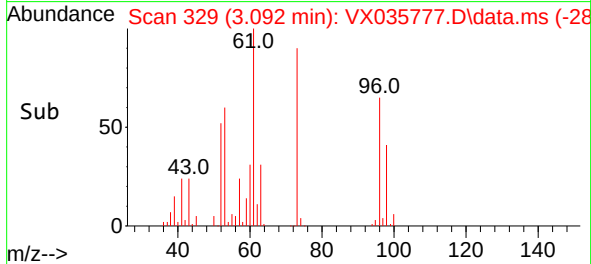
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



Tgt Ion: 96 Resp: 46970
Ion Ratio Lower Upper
96 100
61 154.2 113.0 169.6
98 63.7 52.1 78.1

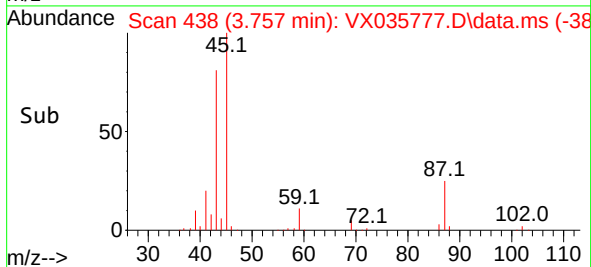
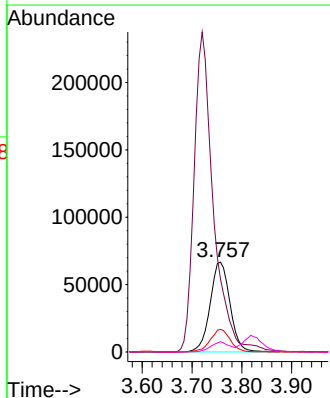
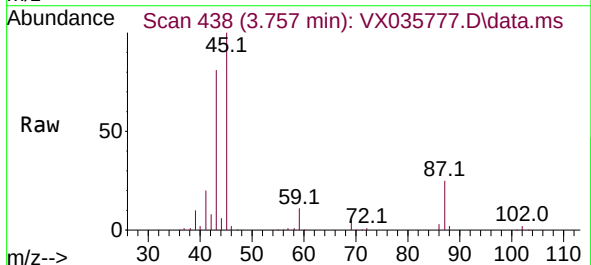
Manual Integrations
APPROVED

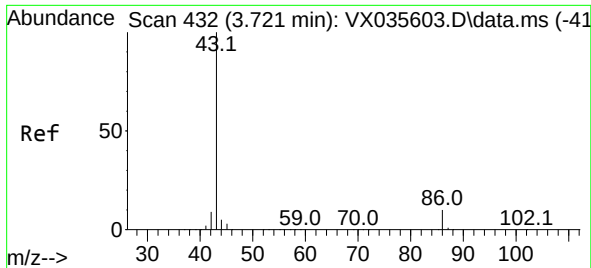
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#22
Diisopropyl ether
Concen: 18.727 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

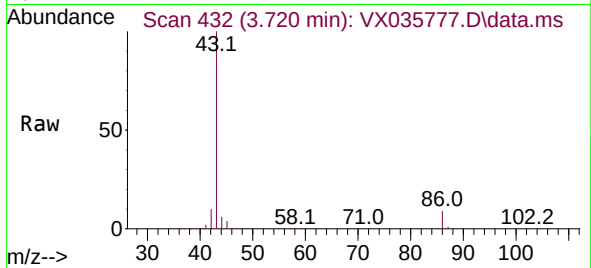
Tgt Ion: 45 Resp: 184656
Ion Ratio Lower Upper
45 100
43 80.8 65.4 98.2
87 25.0 20.6 31.0
59 11.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 92.003 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VX035777.D
 Acq: 22 May 2023 12:12

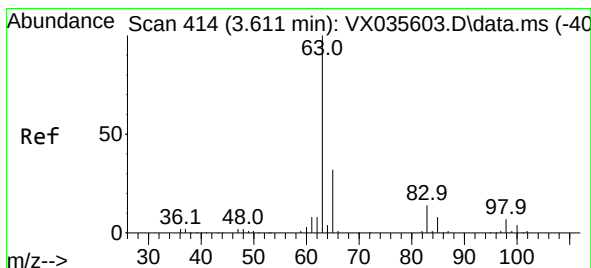
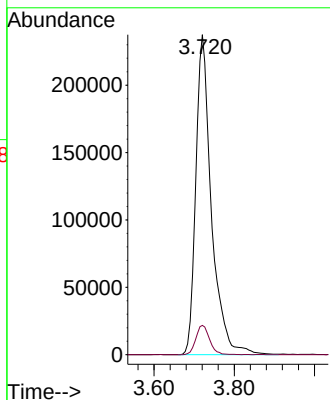
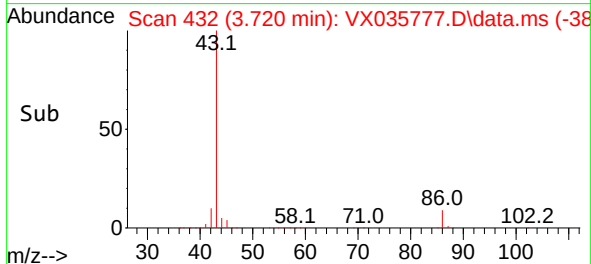
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01



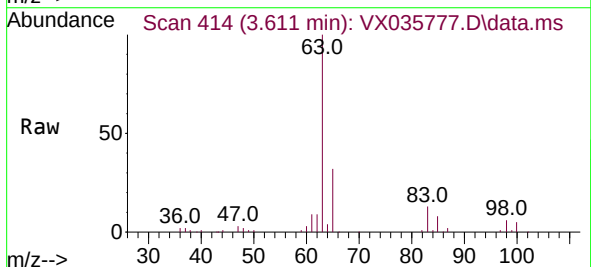
Tgt Ion: 43 Resp: 64188
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.5 12.7

Manual Integrations
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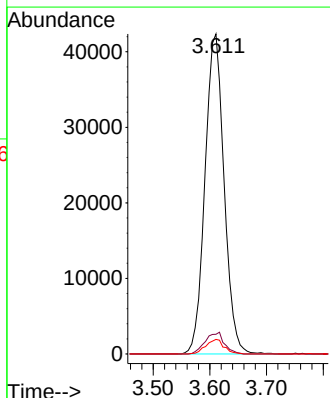
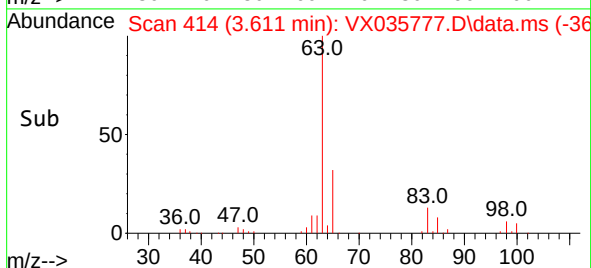
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023

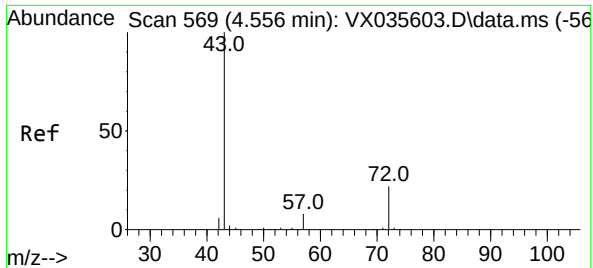


#24
 1,1-Dichloroethane
 Concen: 18.807 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035777.D
 Acq: 22 May 2023 12:12



Tgt Ion: 63 Resp: 99176
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.8 11.2
 100 4.5 2.4 7.1





#25

2-Butanone

Concen: 93.238 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tgt Ion: 43 Resp: 20428

Ion Ratio Lower Upper

43 100

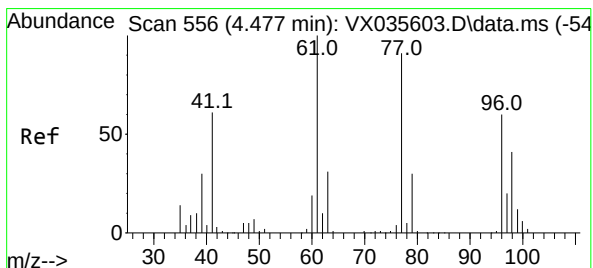
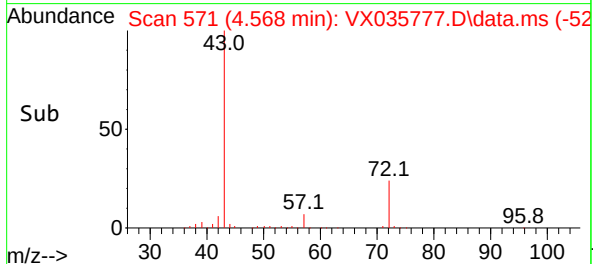
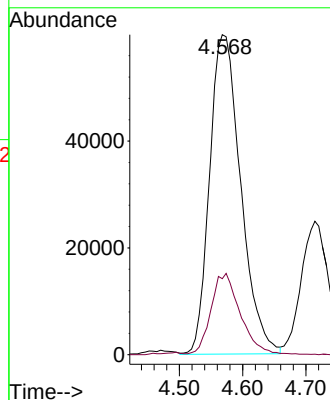
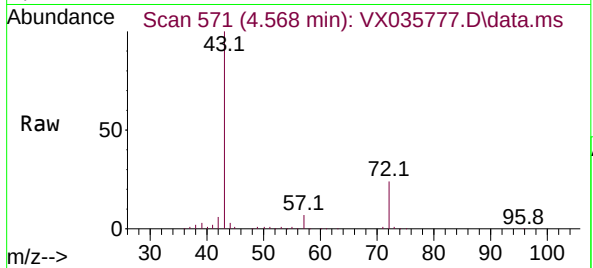
72 23.5 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#26

2,2-Dichloropropane

Concen: 17.549 ug/l

RT: 4.470 min Scan# 555

Delta R.T. -0.007 min

Lab File: VX035777.D

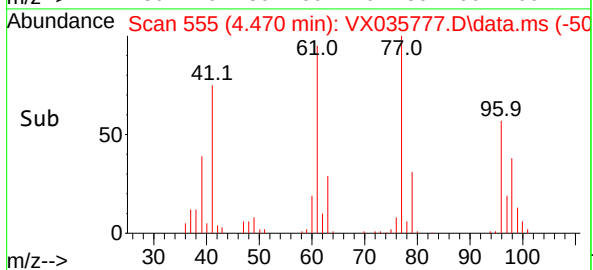
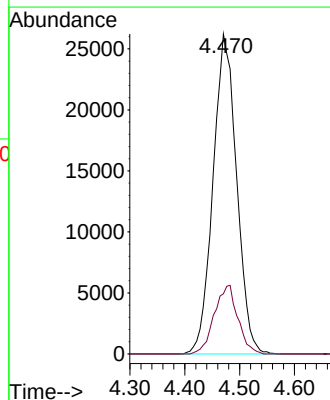
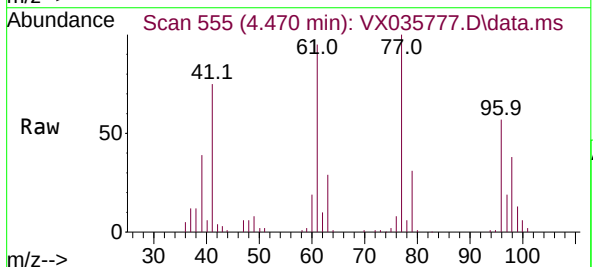
Acq: 22 May 2023 12:12

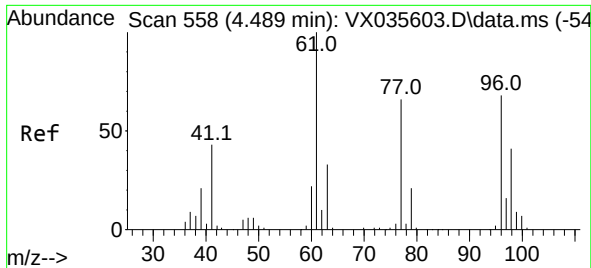
Tgt Ion: 77 Resp: 78368

Ion Ratio Lower Upper

77 100

97 21.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.585 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tgt Ion: 96 Resp: 57549

Ion Ratio Lower Upper

96 100

61 163.1 0.0 300.4

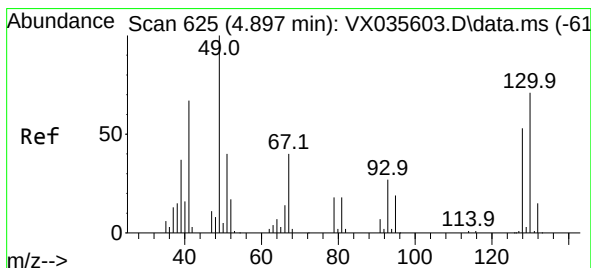
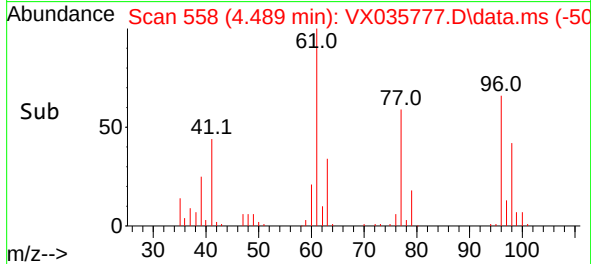
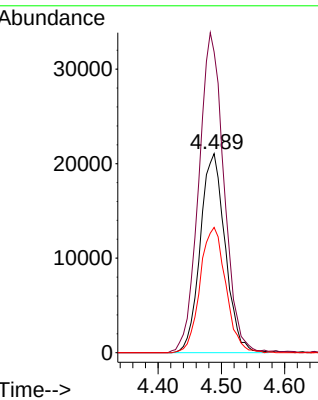
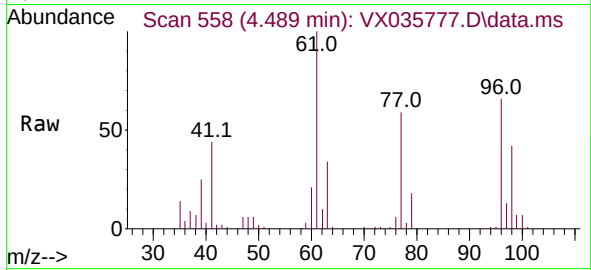
98 64.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#28

Bromochloromethane

Concen: 21.060 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

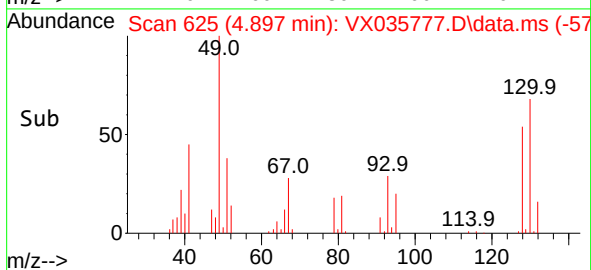
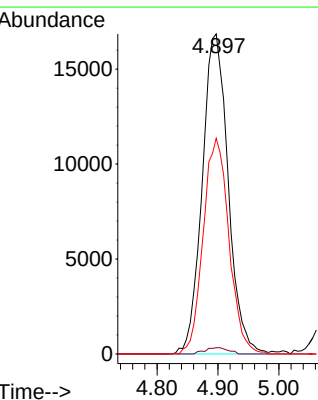
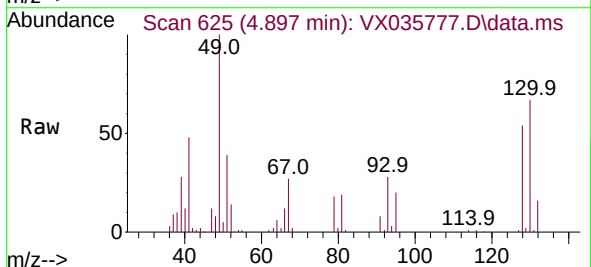
Tgt Ion: 49 Resp: 49954

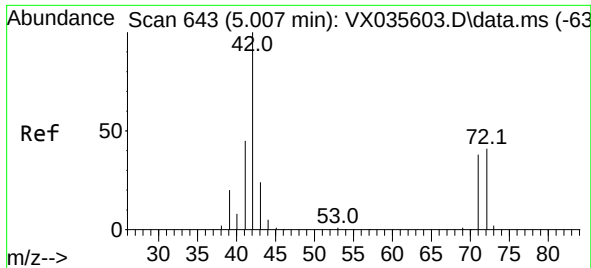
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 66.7 58.2 87.2





#29

Tetrahydrofuran

Concen: 91.287 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

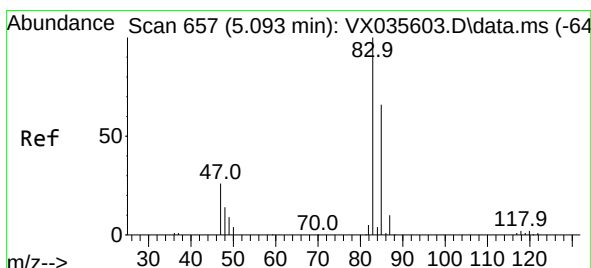
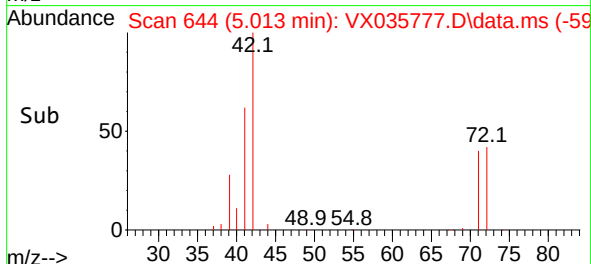
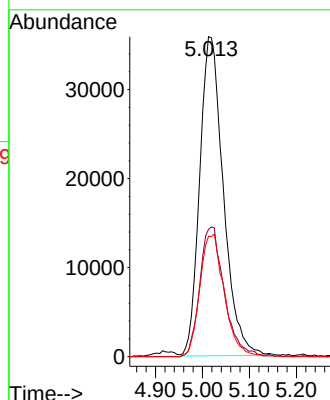
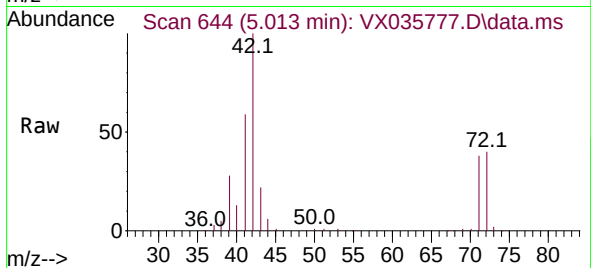
Tgt Ion:	42	Resp:	12571
Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.5	51.7
71	39.4	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#30

Chloroform

Concen: 18.891 ug/l

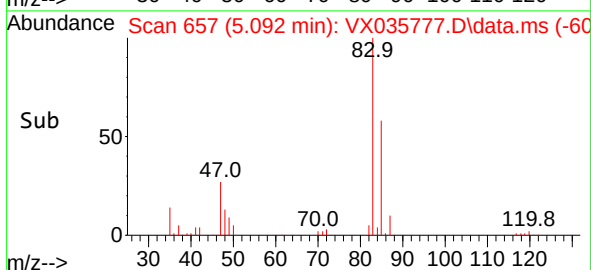
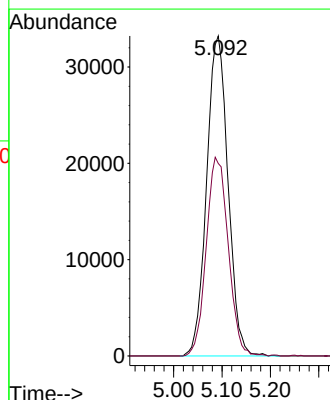
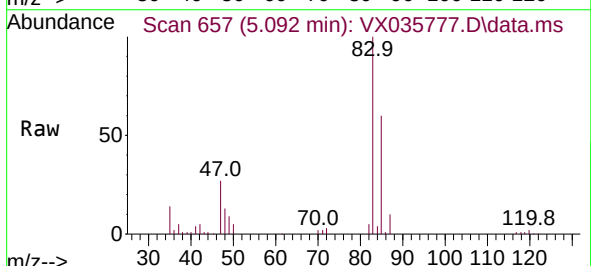
RT: 5.092 min Scan# 657

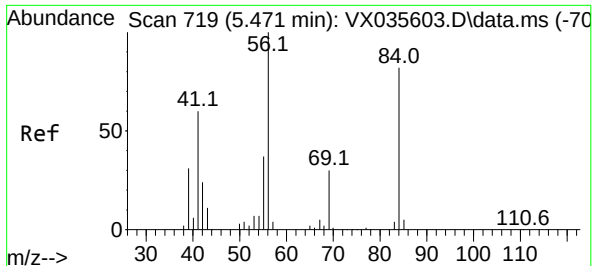
Delta R.T. -0.001 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

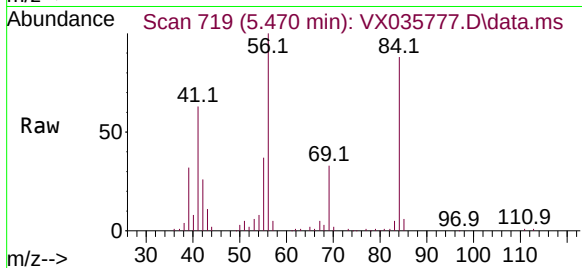
Tgt Ion:	83	Resp:	102082
Ion	Ratio	Lower	Upper
83	100		
85	60.2	50.6	76.0





#31
Cyclohexane
Concen: 18.750 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

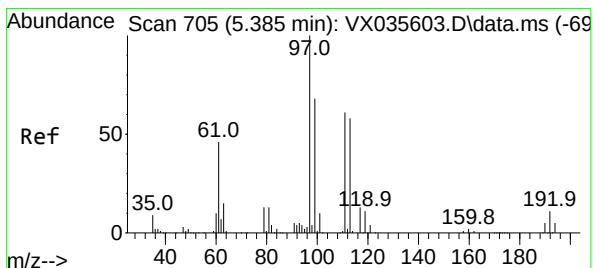
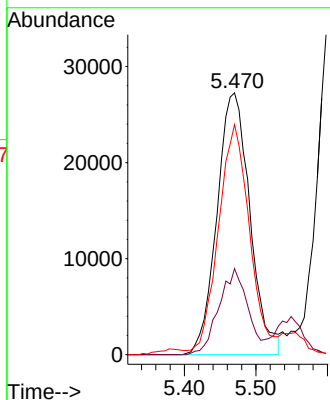
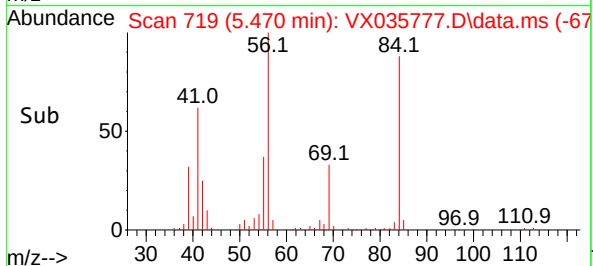
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



Tgt Ion: 56 Resp: 87230
Ion Ratio Lower Upper
56 100
69 32.8 23.7 35.5
84 85.9 68.5 102.7

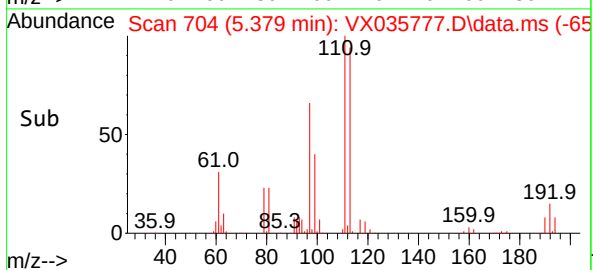
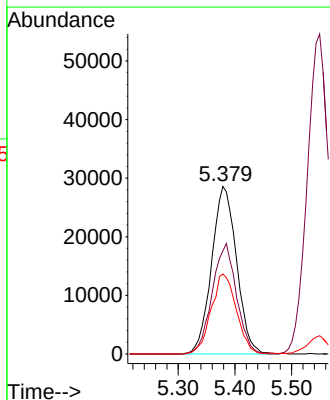
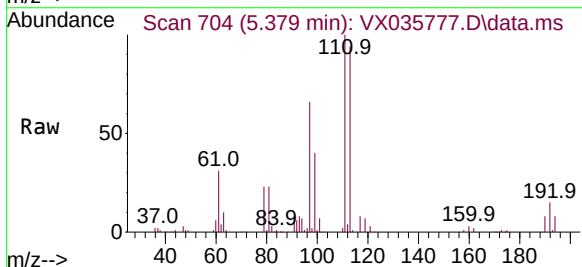
Manual Integrations
APPROVED

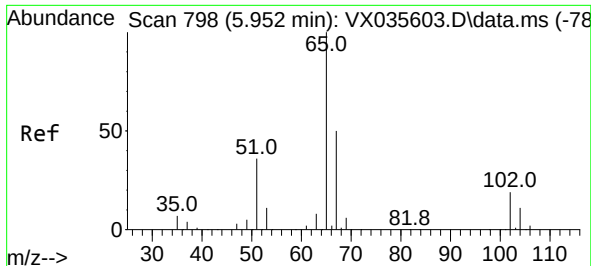
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#32
1,1,1-Trichloroethane
Concen: 18.601 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Tgt Ion: 97 Resp: 87457
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 48.1 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 49.182 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tgt Ion: 65 Resp: 18111

Ion Ratio Lower Upper

65 100

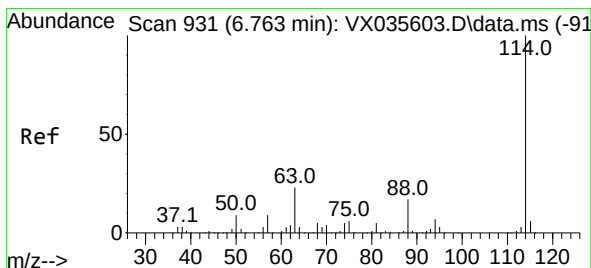
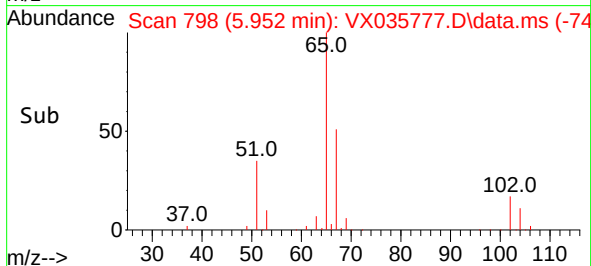
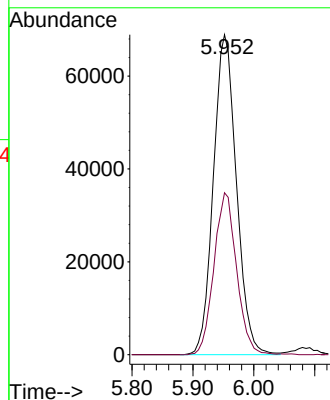
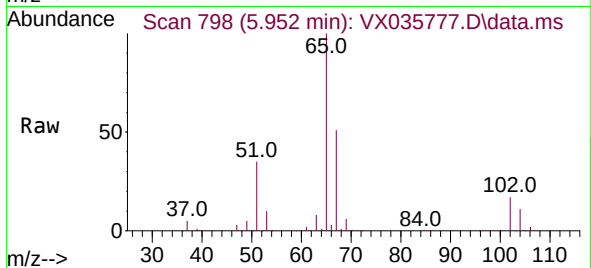
67 49.7 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.007 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

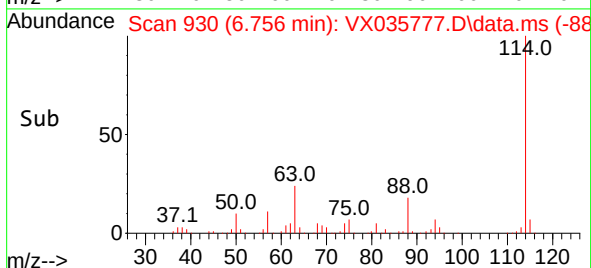
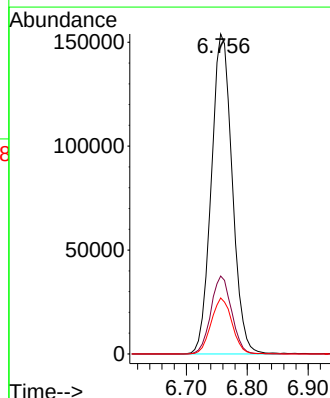
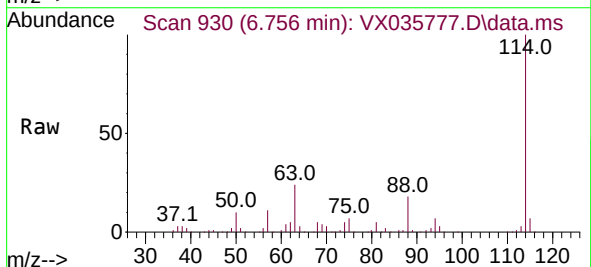
Tgt Ion:114 Resp: 366962

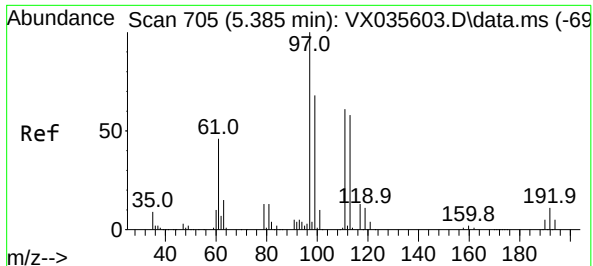
Ion Ratio Lower Upper

114 100

63 24.4 0.0 42.2

88 17.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.604 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035777.D

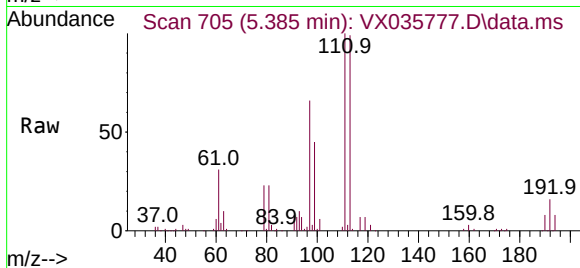
Acq: 22 May 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01



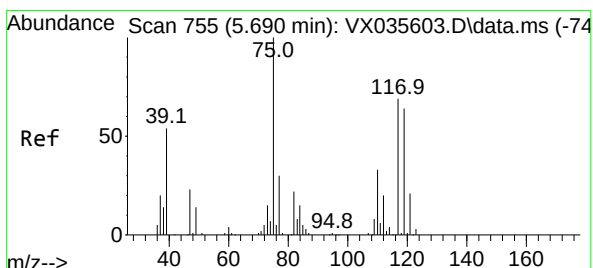
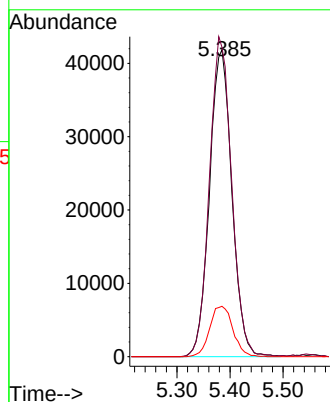
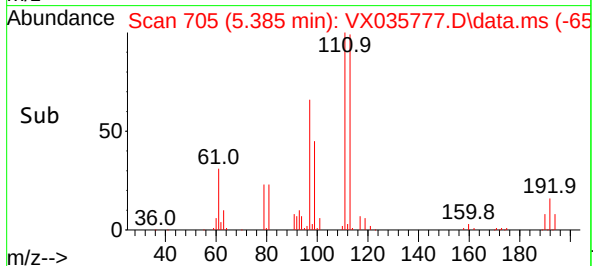
Tgt Ion:	113	Resp:	12275
Ion Ratio	Lower	Upper	
113	100		
111	103.4	83.7	125.5
192	17.1	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#36

1,1-Dichloropropene

Concen: 19.013 ug/l

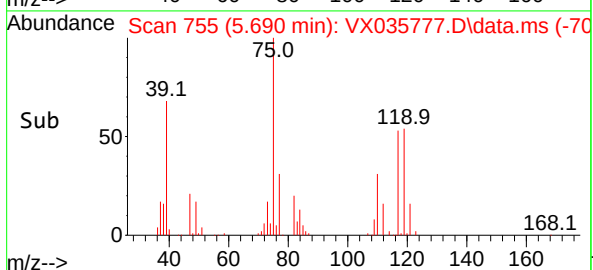
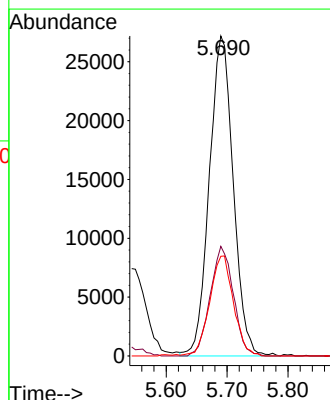
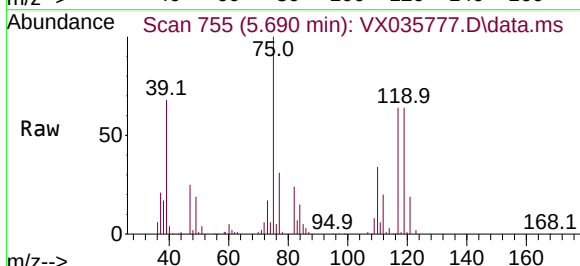
RT: 5.690 min Scan# 755

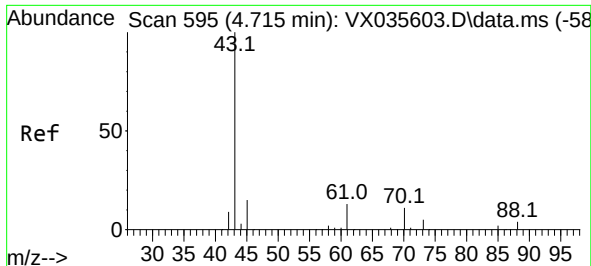
Delta R.T. -0.000 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Tgt Ion:	75	Resp:	74271
Ion Ratio	Lower	Upper	
75	100		
110	33.2	17.5	52.5
77	31.2	24.3	36.5





#37

Ethyl Acetate

Concen: 18.955 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tgt Ion: 43 Resp: 7723

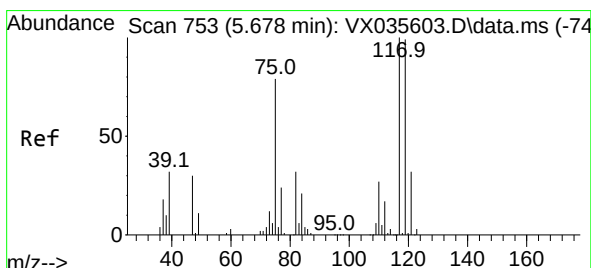
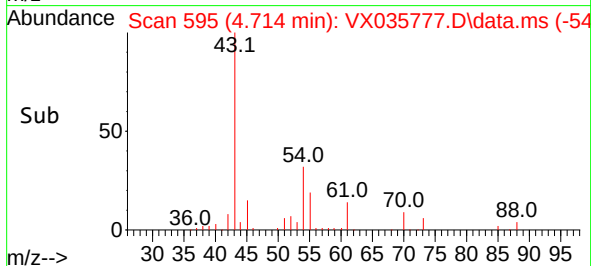
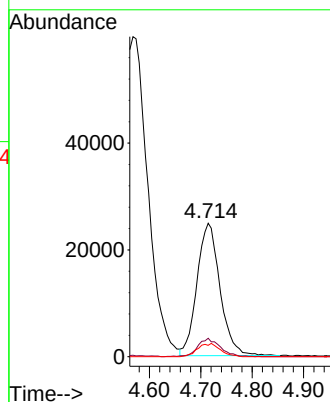
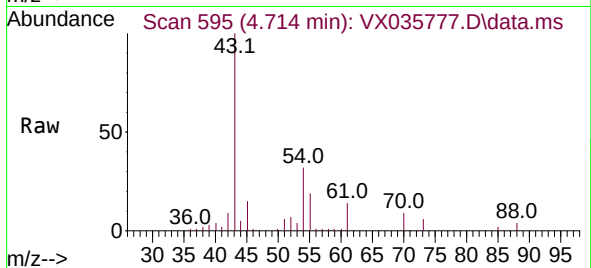
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.2	15.4
70	9.7	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#38

Carbon Tetrachloride

Concen: 18.821 ug/l

RT: 5.677 min Scan# 753

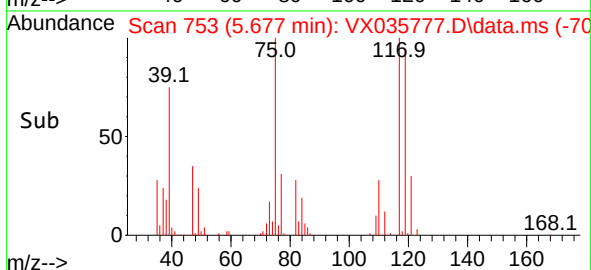
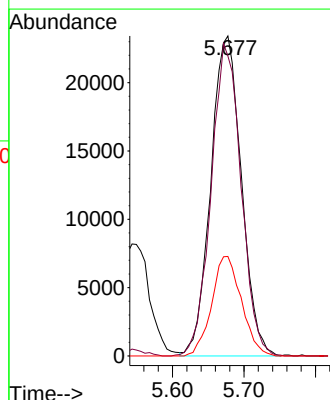
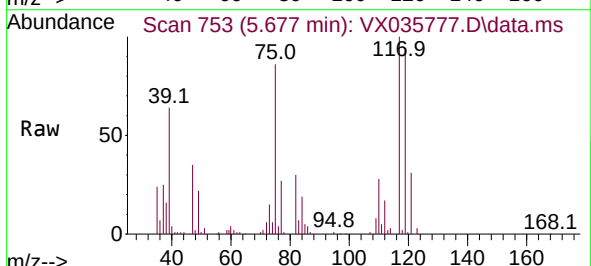
Delta R.T. -0.001 min

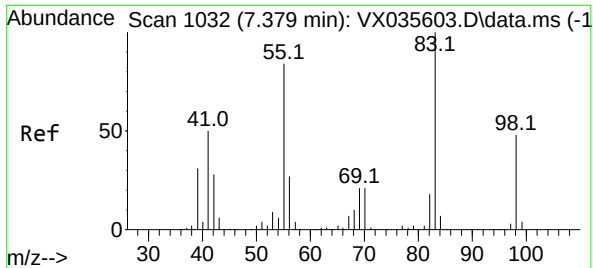
Lab File: VX035777.D

Acq: 22 May 2023 12:12

Tgt Ion:117 Resp: 69645

Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.6	114.8
121	31.1	23.8	35.6





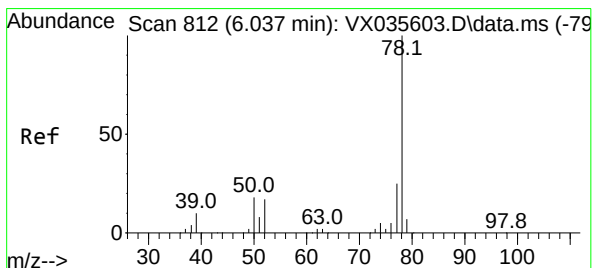
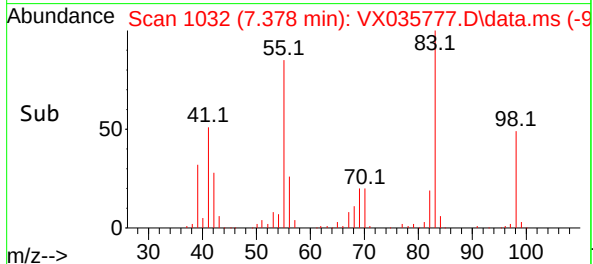
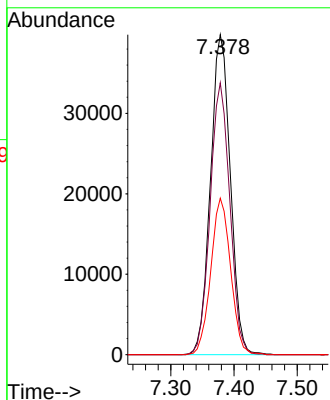
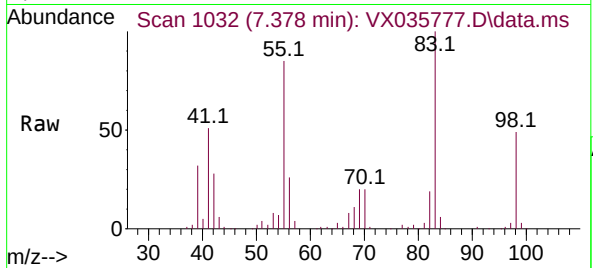
#39
Methylcyclohexane
Concen: 18.918 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tgt Ion: 83 Resp: 86992
Ion Ratio Lower Upper
83 100
55 85.0 60.5 90.7
98 48.9 40.4 60.6

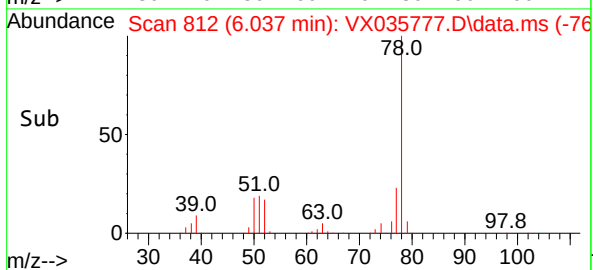
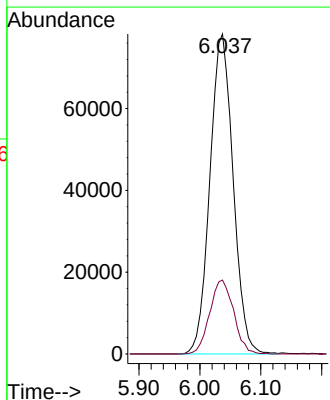
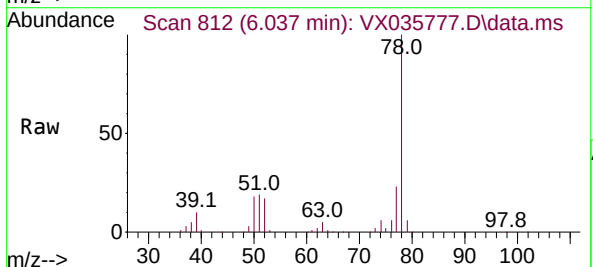
Manual Integrations
APPROVED

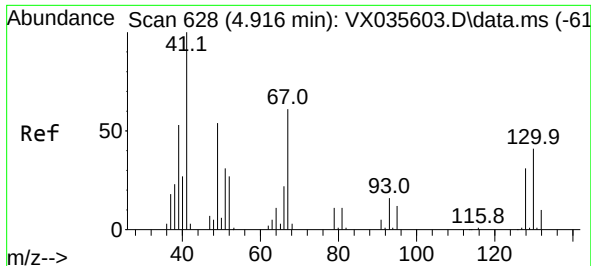
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#40
Benzene
Concen: 18.965 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

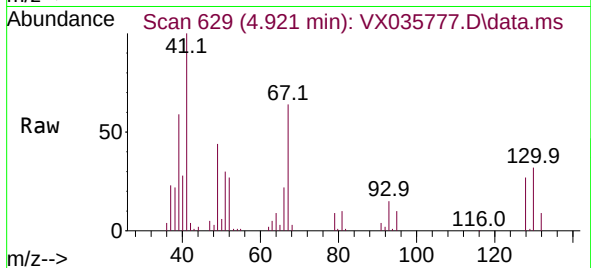
Tgt Ion: 78 Resp: 207252
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4





#41
Methacrylonitrile
Concen: 19.010 ug/l
RT: 4.921 min Scan# 61
Delta R.T. 0.005 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

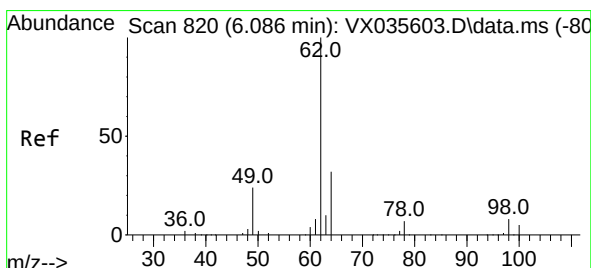
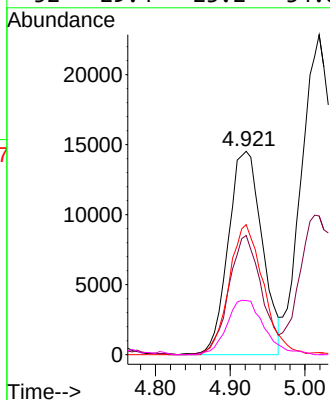
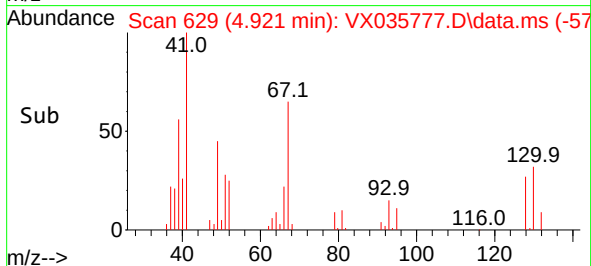
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



Tgt Ion: 41 Resp: 45988
Ion Ratio Lower Upper
41 100
39 56.1 45.0 67.6
67 64.2 55.6 83.4
52 29.4 23.2 34.8

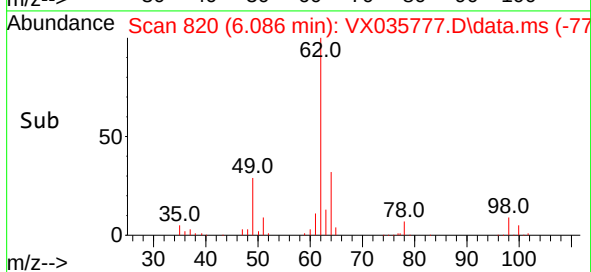
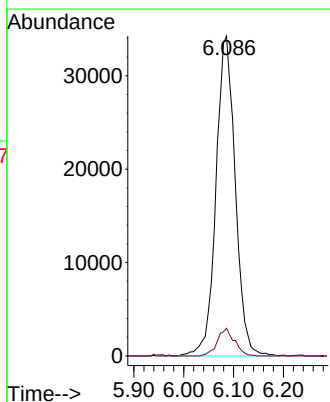
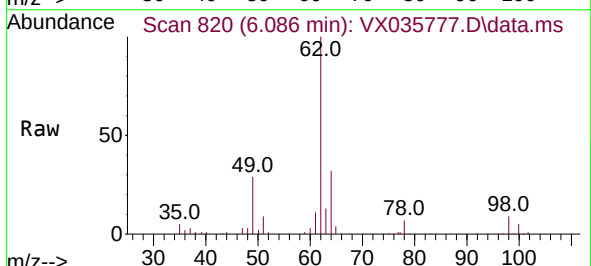
Manual Integrations
APPROVED

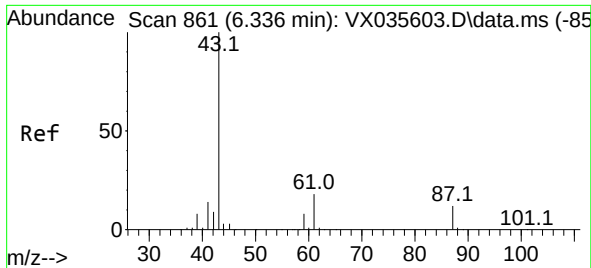
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#42
1,2-Dichloroethane
Concen: 19.581 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

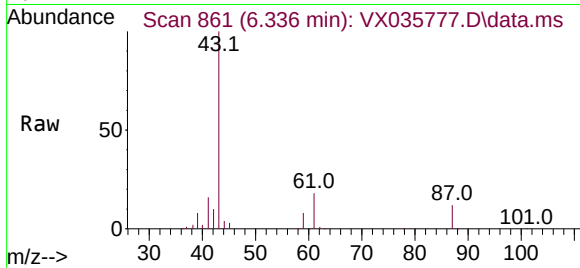
Tgt Ion: 62 Resp: 92048
Ion Ratio Lower Upper
62 100
98 7.7 0.0 18.0





#43
Isopropyl Acetate
Concen: 18.267 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

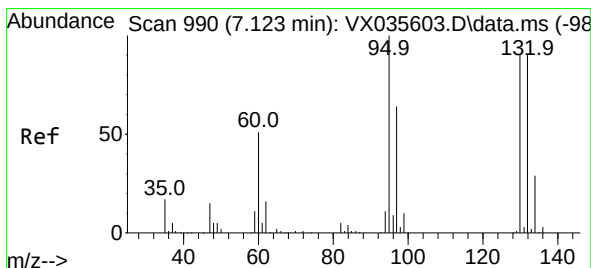
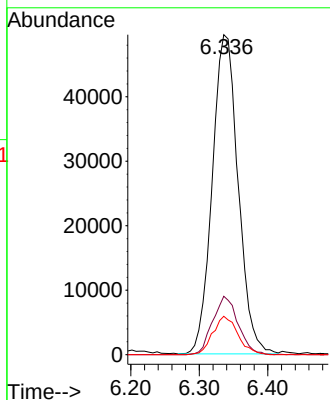
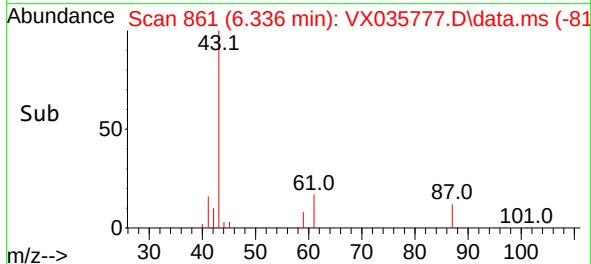
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



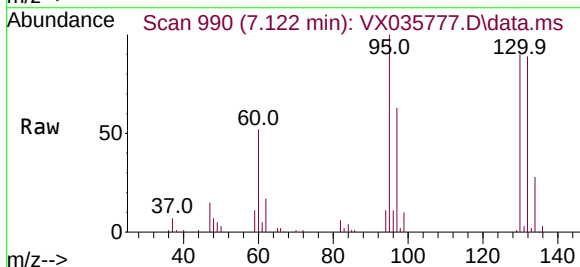
Tgt Ion: 43 Resp: 12978
Ion Ratio Lower Upper
43 100
61 17.9 15.2 22.8
87 11.7 9.8 14.8

Manual Integrations
APPROVED

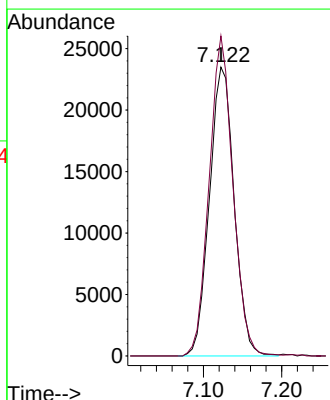
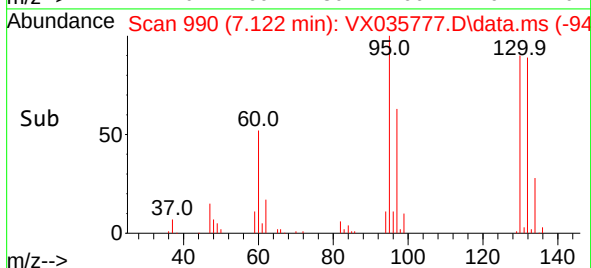
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

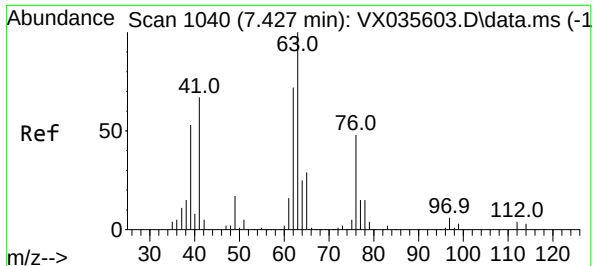


#44
Trichloroethene
Concen: 18.607 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12



Tgt Ion:130 Resp: 51560
Ion Ratio Lower Upper
130 100
95 110.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.146 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tgt Ion: 63 Resp: 5541

Ion Ratio Lower Upper

63 100

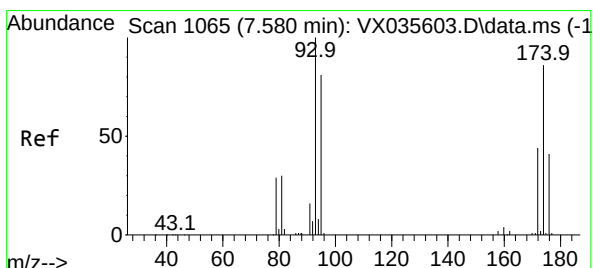
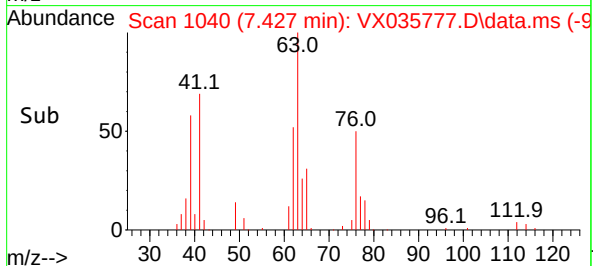
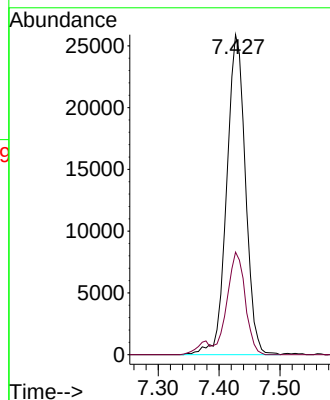
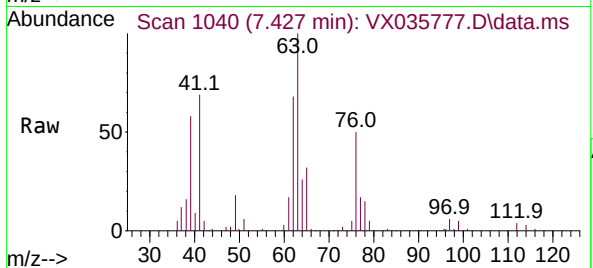
65 32.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#46

Dibromomethane

Concen: 18.961 ug/l

RT: 7.579 min Scan# 1065

Delta R.T. -0.001 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

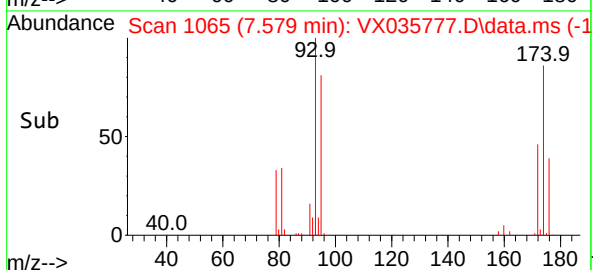
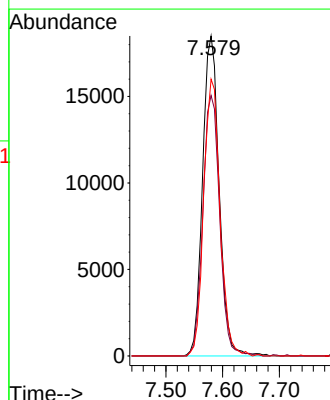
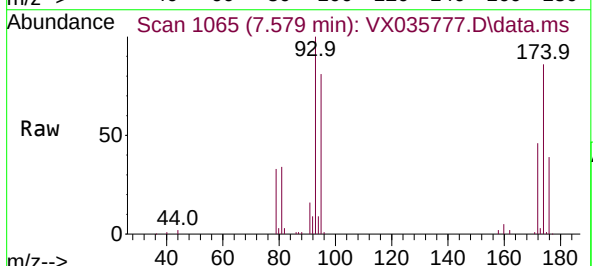
Tgt Ion: 93 Resp: 37565

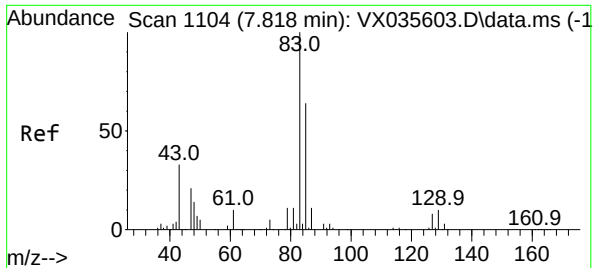
Ion Ratio Lower Upper

93 100

95 82.5 66.9 100.3

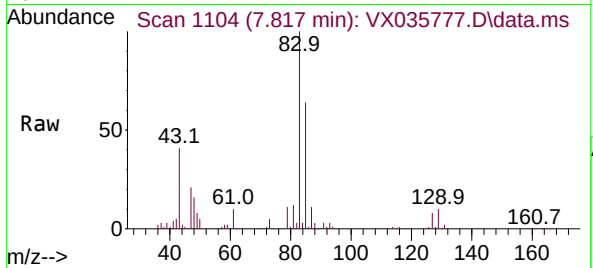
174 85.3 75.4 113.0





#47
Bromodichloromethane
Concen: 18.610 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

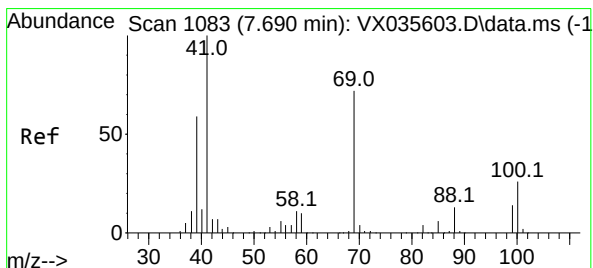
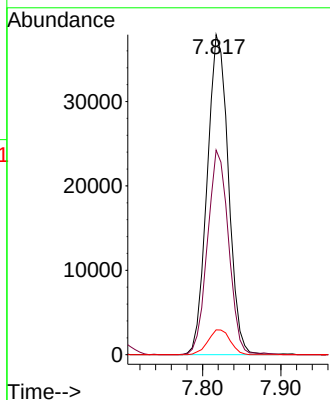
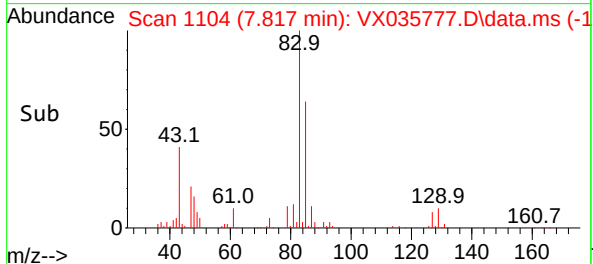
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



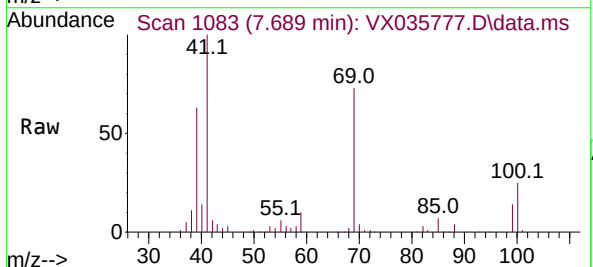
Tgt Ion: 83 Resp: 7126
Ion Ratio Lower Upper
83 100
85 64.0 52.2 78.4
127 7.7 6.6 9.8

Manual Integrations
APPROVED

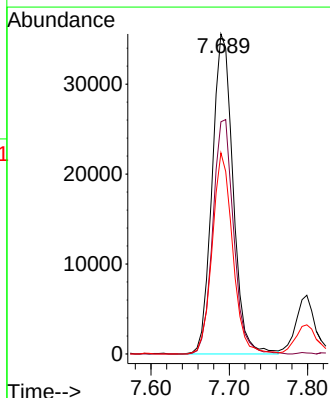
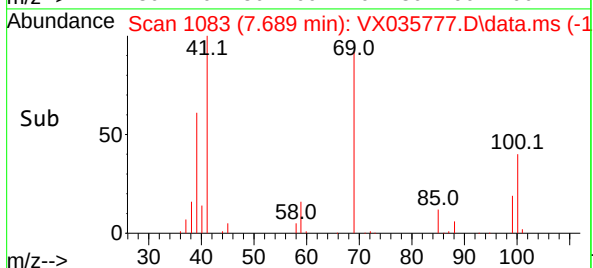
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

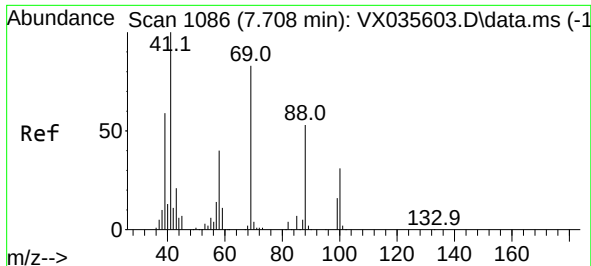


#48
Methyl methacrylate
Concen: 18.815 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12



Tgt Ion: 41 Resp: 65973
Ion Ratio Lower Upper
41 100
69 73.1 62.2 93.4
39 61.4 47.7 71.5





#49

1,4-Dioxane

Concen: 341.857 ug/l

RT: 7.738 min Scan# 1086

Delta R.T. 0.030 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

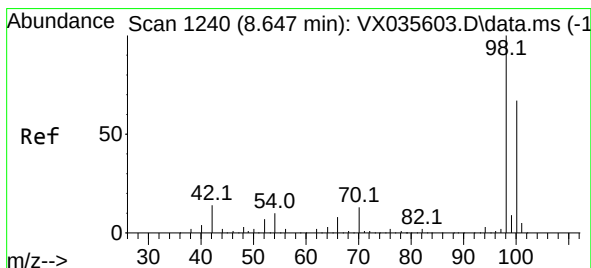
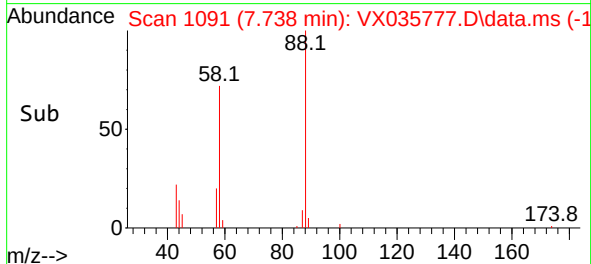
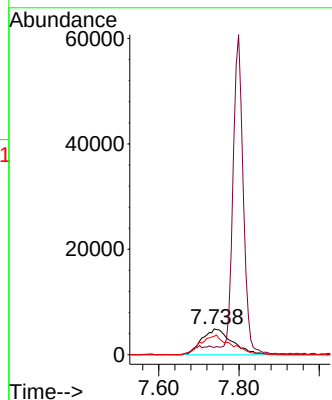
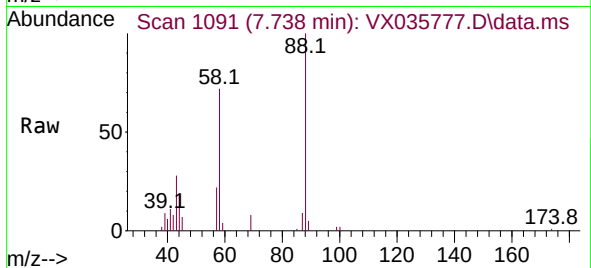
Tgt Ion:	88	Resp:	2567
Ion Ratio	Lower	Upper	
88	100		
43	0.0	27.7	41.5
58	76.0	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#50

Toluene-d8

Concen: 48.757 ug/l

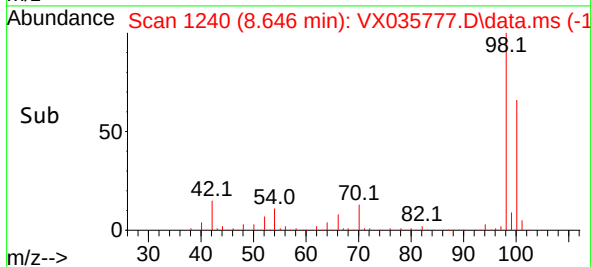
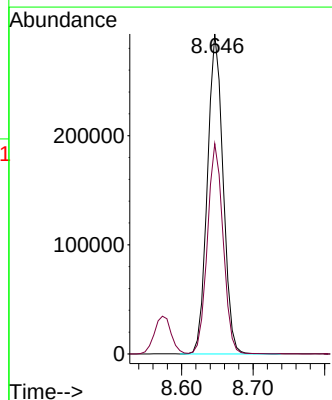
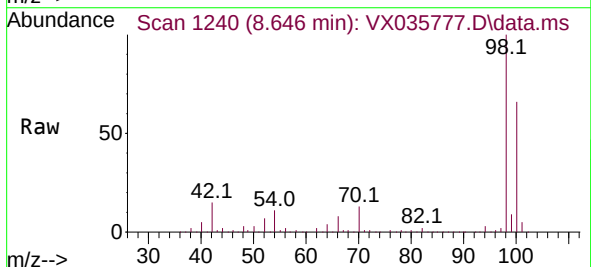
RT: 8.646 min Scan# 1240

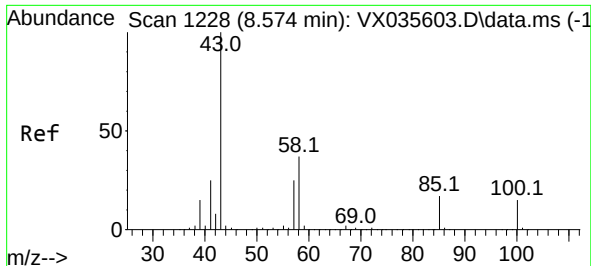
Delta R.T. -0.001 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Tgt Ion:	98	Resp:	445763
Ion Ratio	Lower	Upper	
98	100		
100	65.9	52.5	78.7





#51

4-Methyl-2-Pentanone

Concen: 98.794 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.001 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tgt Ion: 43 Resp: 40438

Ion Ratio Lower Upper

43 100

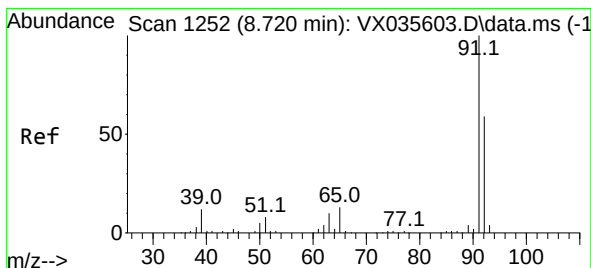
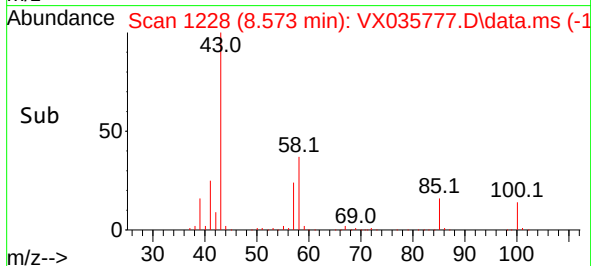
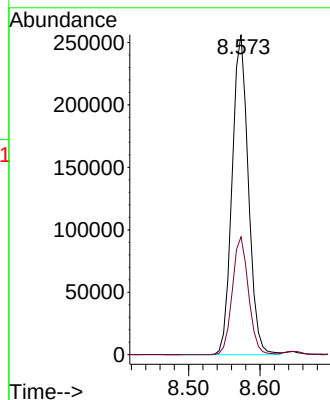
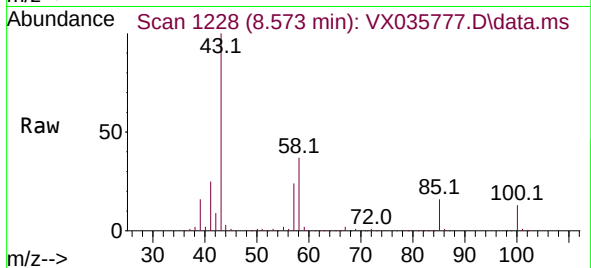
58 36.6 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#52

Toluene

Concen: 18.937 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX035777.D

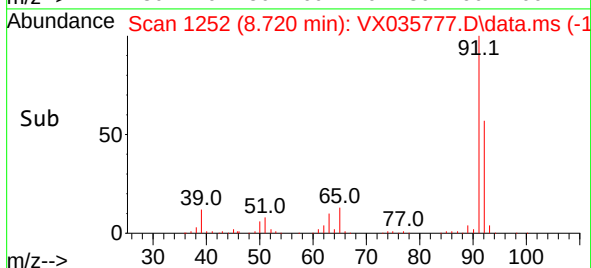
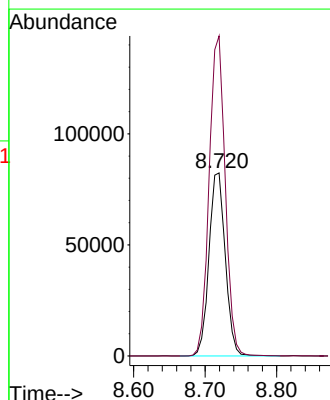
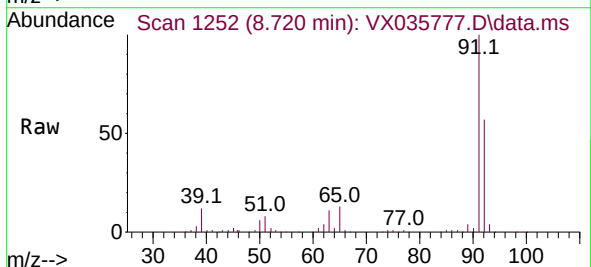
Acq: 22 May 2023 12:12

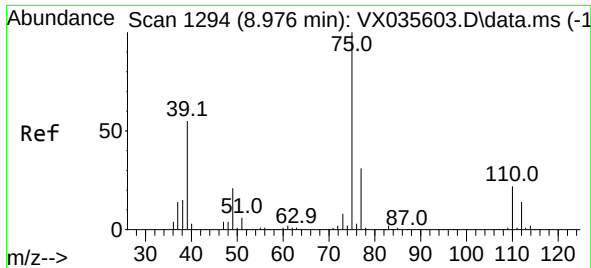
Tgt Ion: 92 Resp: 130634

Ion Ratio Lower Upper

92 100

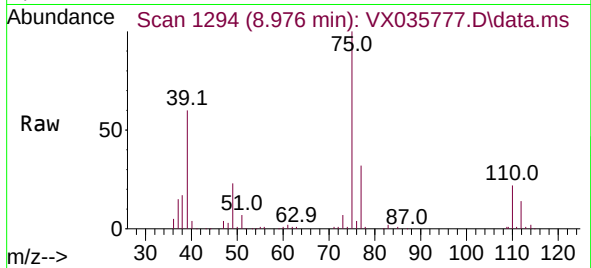
91 172.0 136.8 205.2





#53
 t-1,3-Dichloropropene
 Concen: 18.098 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX035777.D
 Acq: 22 May 2023 12:12

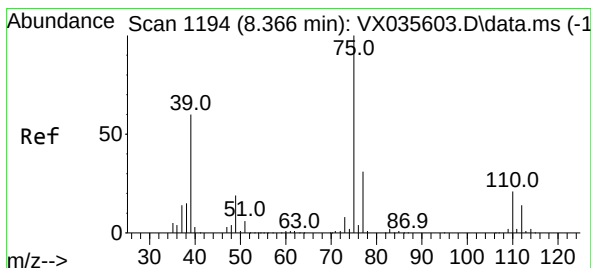
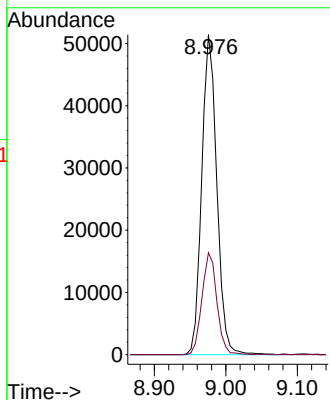
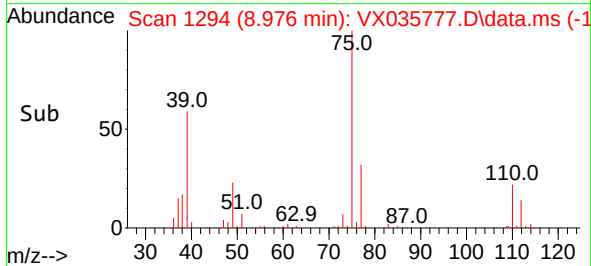
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01



Tgt Ion: 75 Resp: 75294
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2

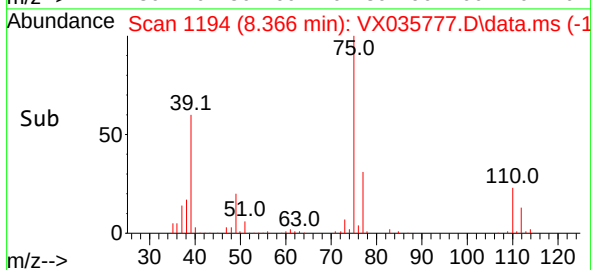
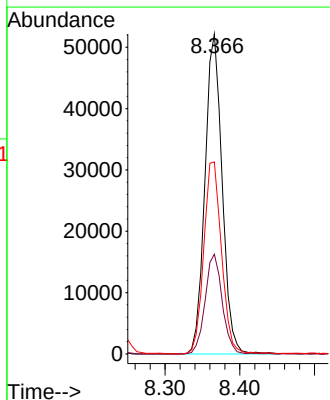
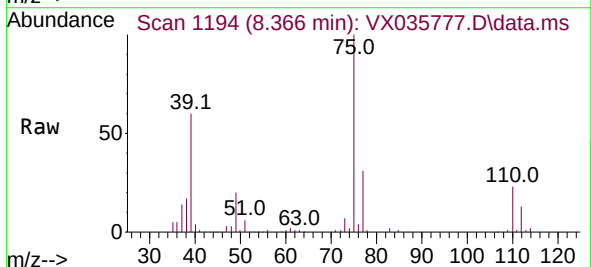
Manual Integrations
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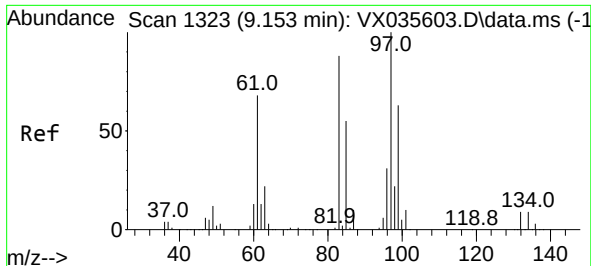
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.709 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX035777.D
 Acq: 22 May 2023 12:12

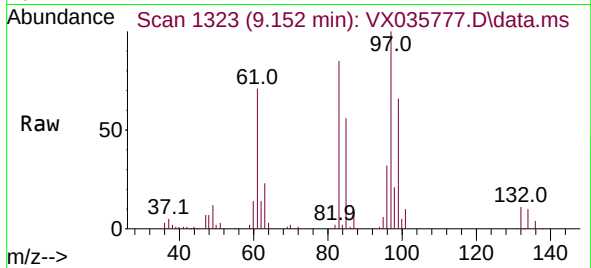
Tgt Ion: 75 Resp: 83394
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4
 39 60.0 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.249 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

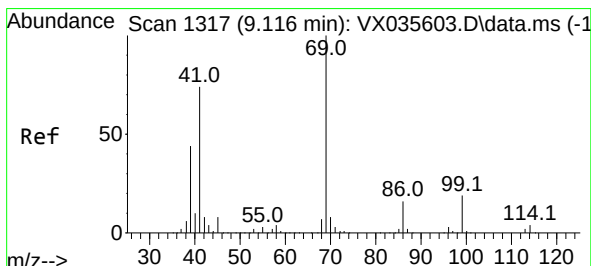
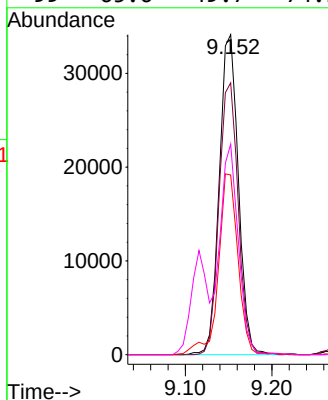
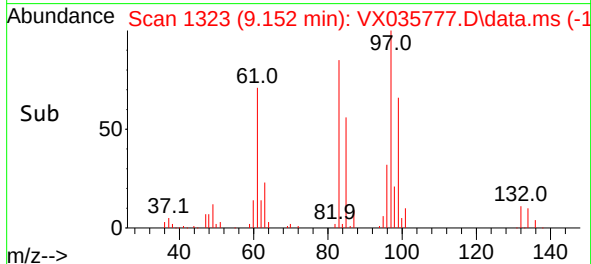
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.7	104.5
85	56.0	43.7	65.5
99	65.6	49.7	74.5

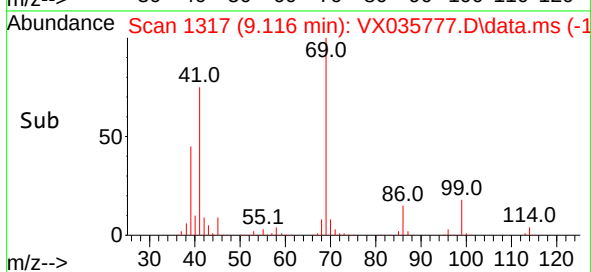
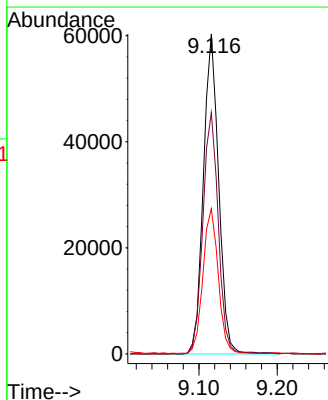
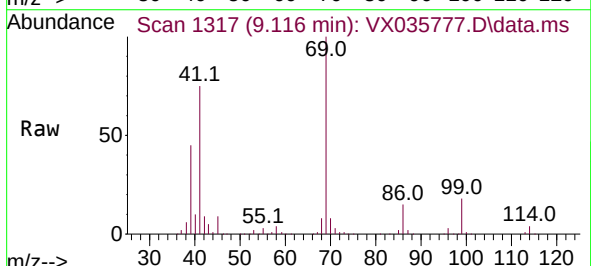
Manual Integrations
APPROVED

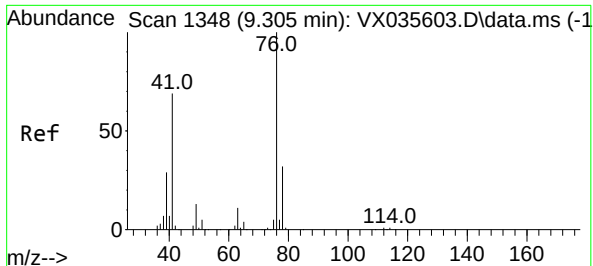
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#56
Ethyl methacrylate
Concen: 18.599 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.1	57.4	86.0
39	45.3	33.7	50.5





#57

1,3-Dichloropropane

Concen: 19.271 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tgt Ion: 76 Resp: 94649

Ion Ratio Lower Upper

76 100

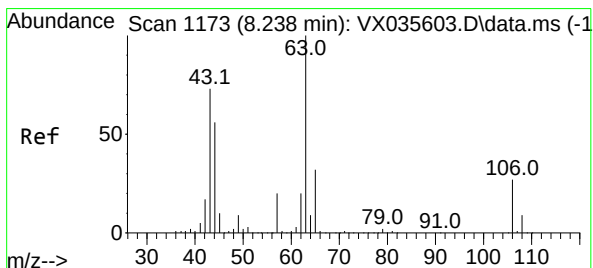
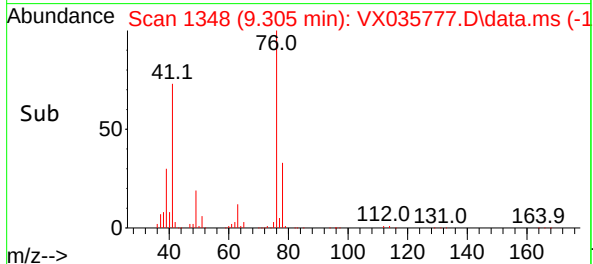
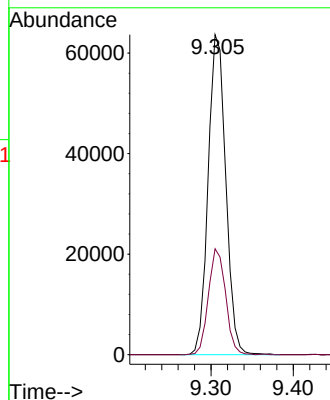
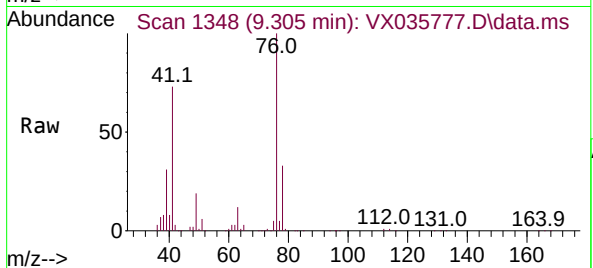
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#58

2-Chloroethyl Vinyl ether

Concen: 98.622 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX035777.D

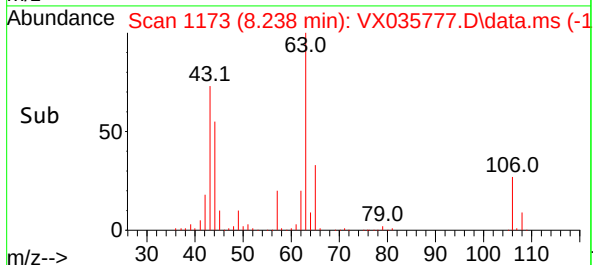
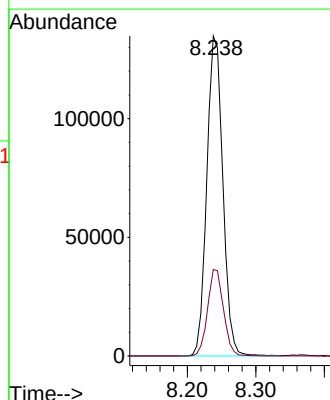
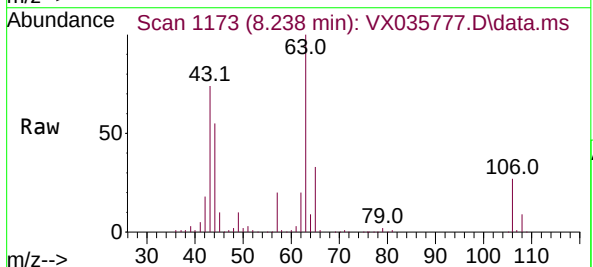
Acq: 22 May 2023 12:12

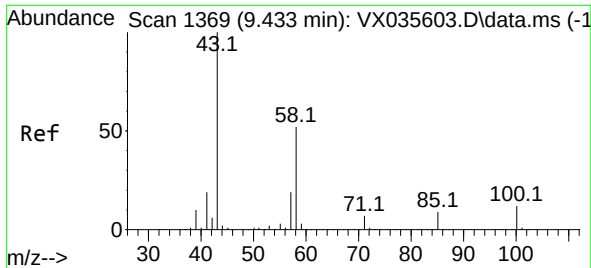
Tgt Ion: 63 Resp: 220129

Ion Ratio Lower Upper

63 100

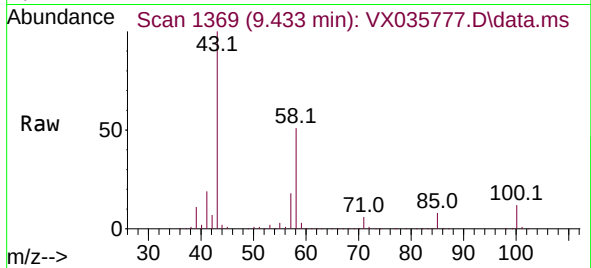
106 26.8 22.2 33.2





#59
2-Hexanone
Concen: 97.623 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

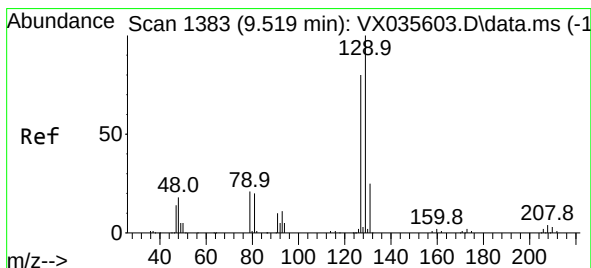
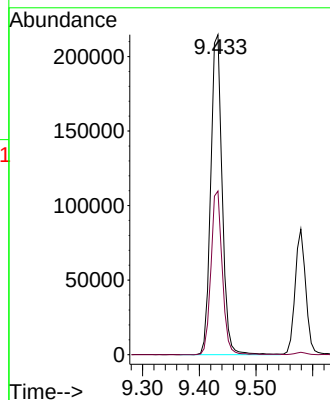
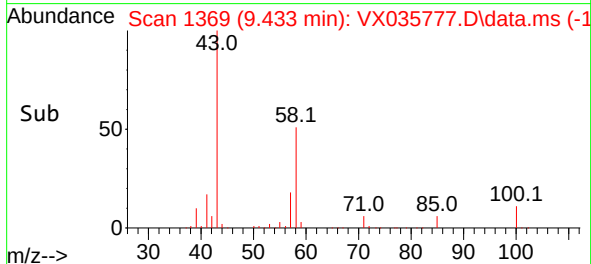
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



Tgt Ion: 43 Resp: 300928
Ion Ratio Lower Upper
43 100
58 50.8 26.3 78.9

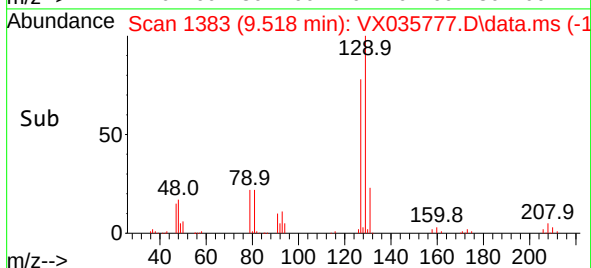
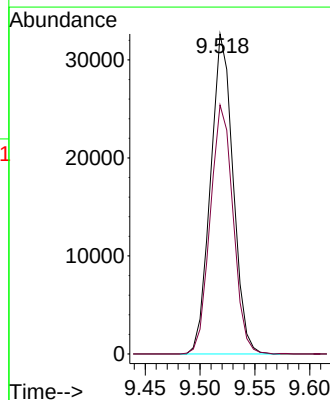
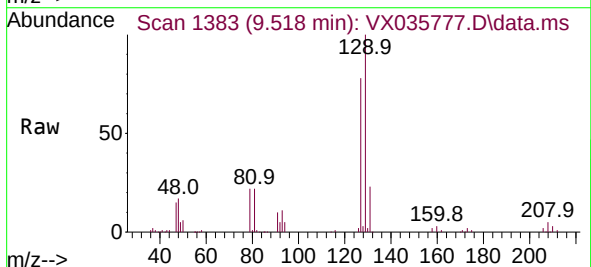
Manual Integrations
APPROVED

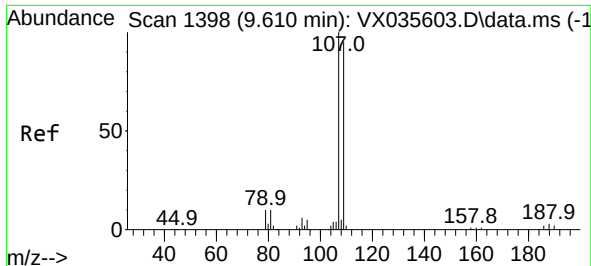
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#60
Dibromochloromethane
Concen: 18.064 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

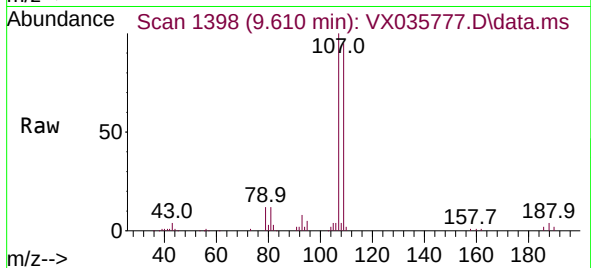
Tgt Ion:129 Resp: 46654
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0





#61
1,2-Dibromoethane
Concen: 18.739 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

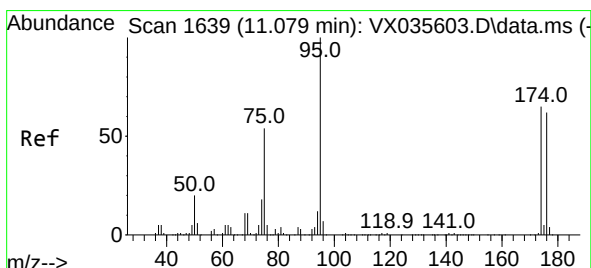
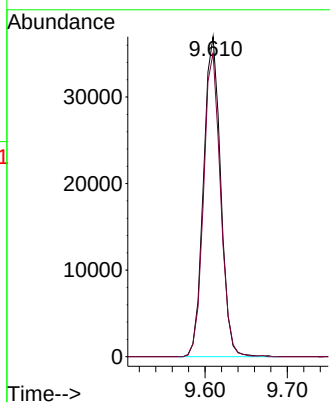
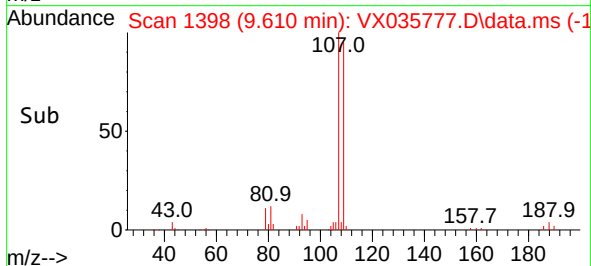
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



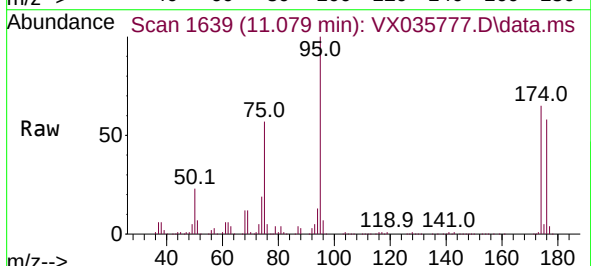
Tgt Ion:107 Resp: 5349
Ion Ratio Lower Upper
107 100
109 93.9 75.3 112.9

Manual Integrations
APPROVED

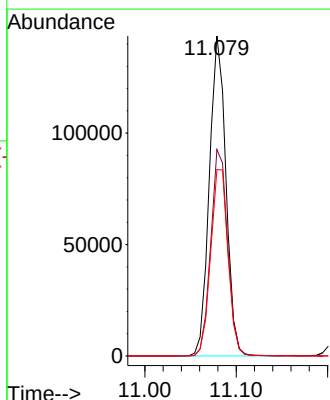
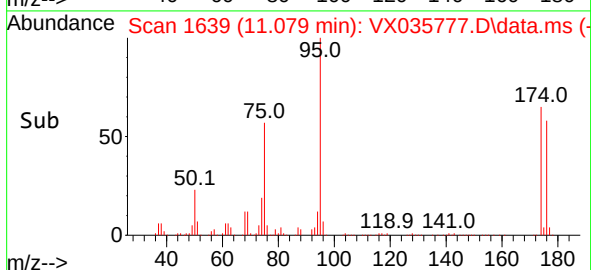
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

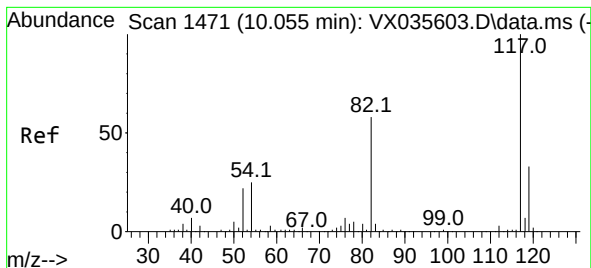


#62
4-Bromofluorobenzene
Concen: 48.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12



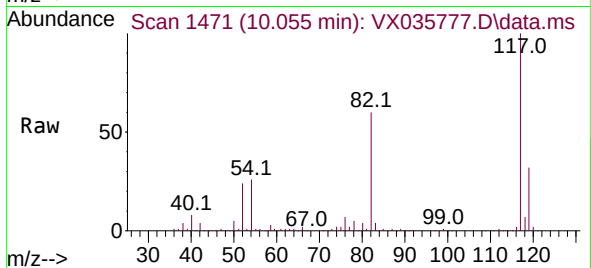
Tgt Ion: 95 Resp: 180115
Ion Ratio Lower Upper
95 100
174 65.9 0.0 147.4
176 61.2 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

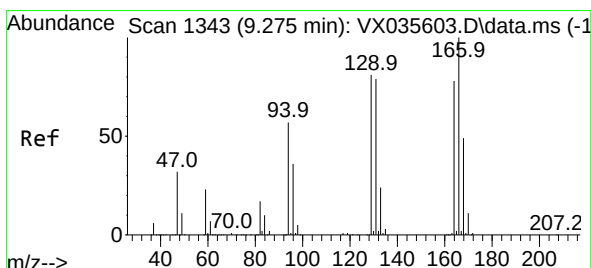
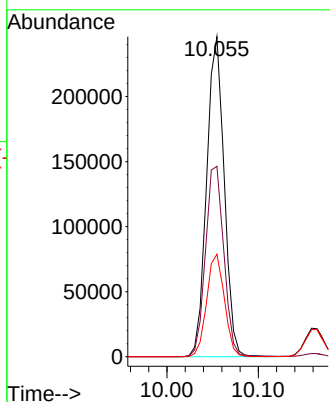
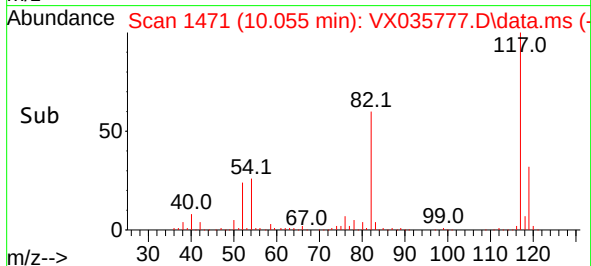
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



Tgt Ion:117 Resp: 32759
Ion Ratio Lower Upper
117 100
82 59.5 45.0 67.4
119 32.0 26.0 39.0

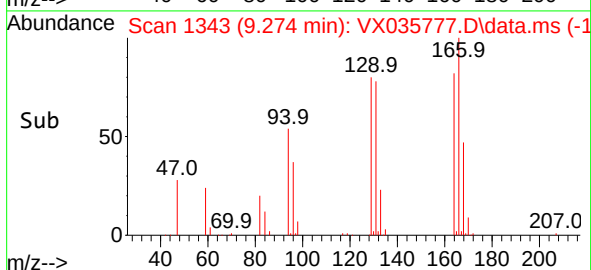
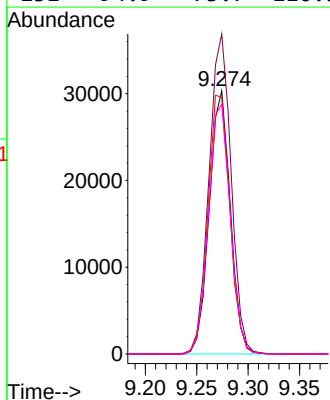
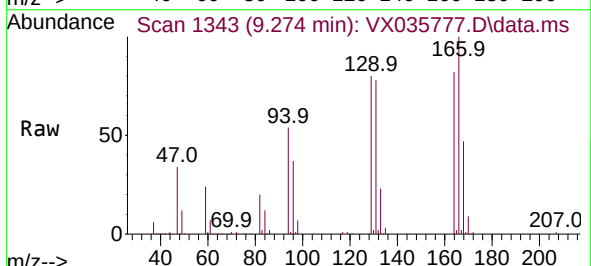
Manual Integrations
APPROVED

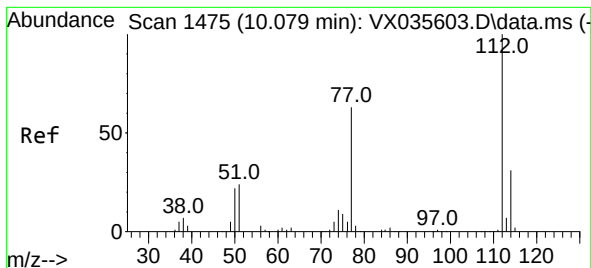
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#64
Tetrachloroethene
Concen: 19.589 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

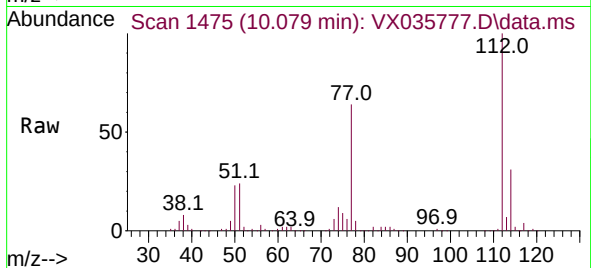
Tgt Ion:164 Resp: 43203
Ion Ratio Lower Upper
164 100
166 121.6 102.7 154.1
129 97.7 75.6 113.4
131 94.9 73.7 110.5





#65
Chlorobenzene
Concen: 19.399 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

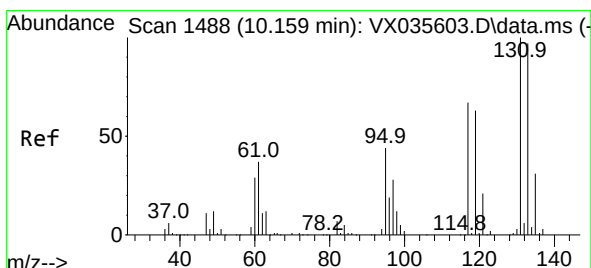
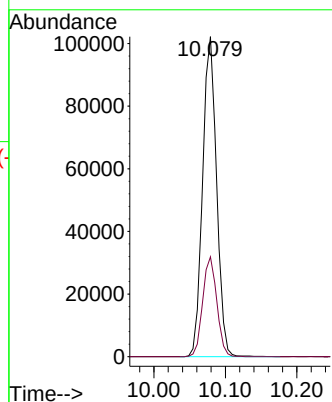
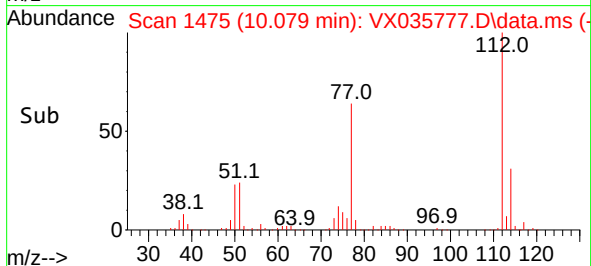
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



Tgt Ion:112 Resp: 138720
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.2

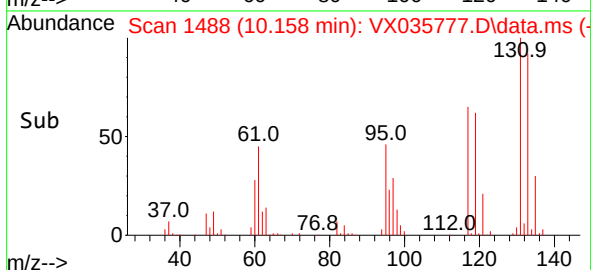
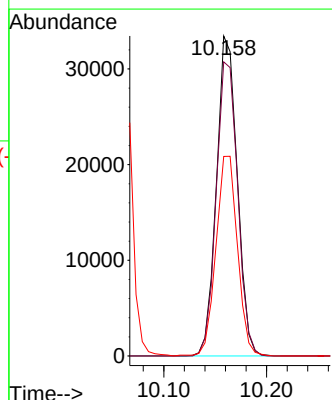
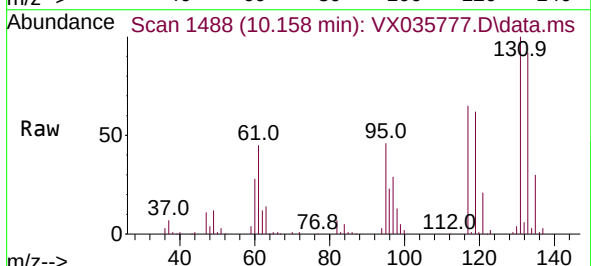
Manual Integrations
APPROVED

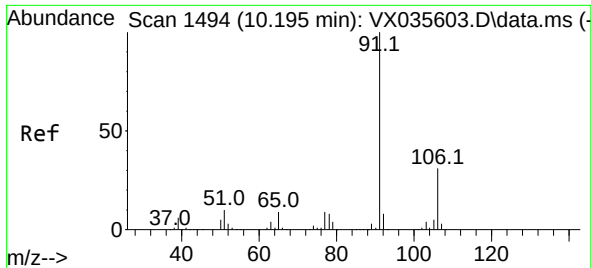
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.594 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Tgt Ion:131 Resp: 47015
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 64.4 32.6 98.0





#67

Ethyl Benzene

Concen: 19.246 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tgt Ion: 91 Resp: 25884

Ion Ratio Lower Upper

91 100

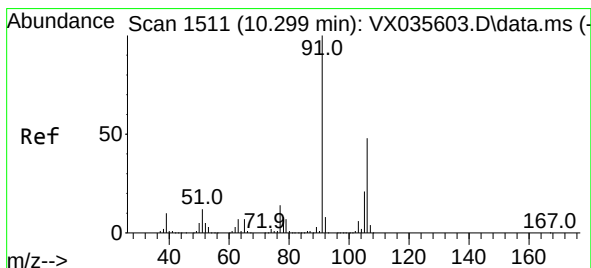
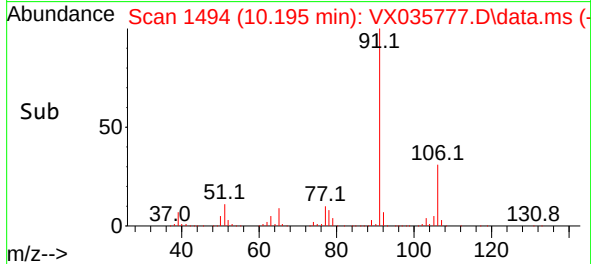
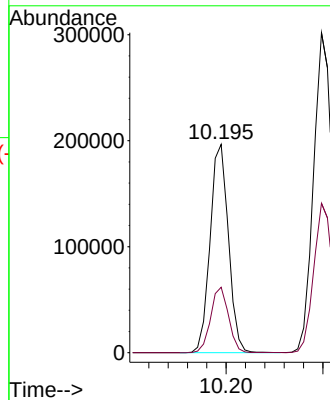
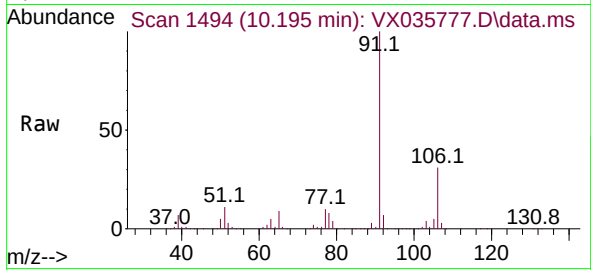
106 31.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#68

m/p-Xylenes

Concen: 38.579 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035777.D

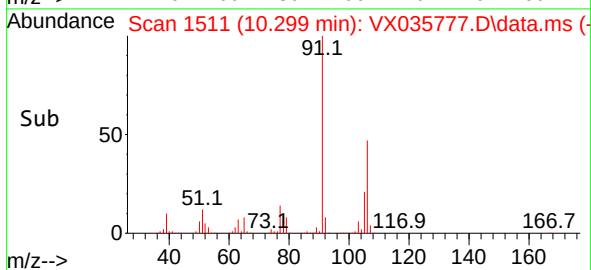
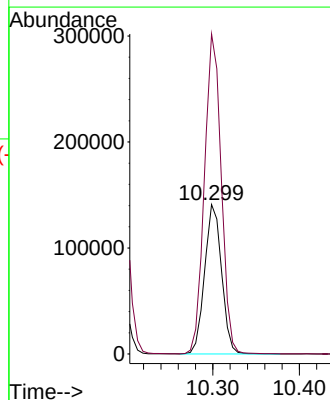
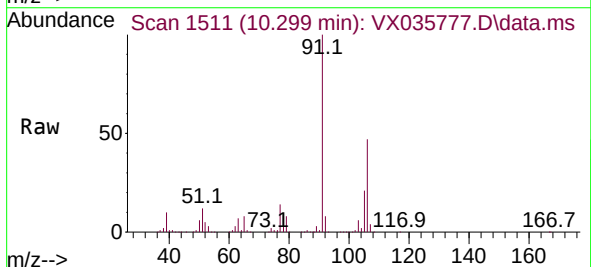
Acq: 22 May 2023 12:12

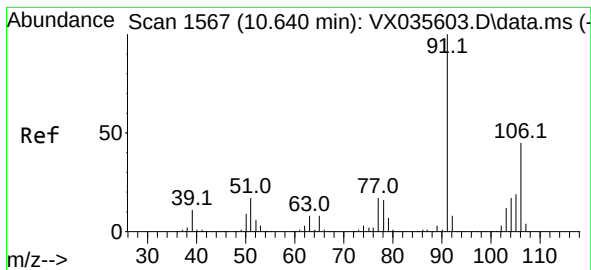
Tgt Ion:106 Resp: 191789

Ion Ratio Lower Upper

106 100

91 212.8 164.0 246.0





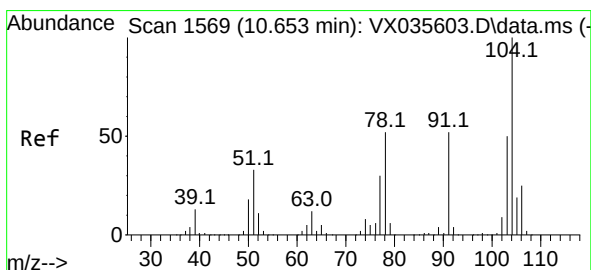
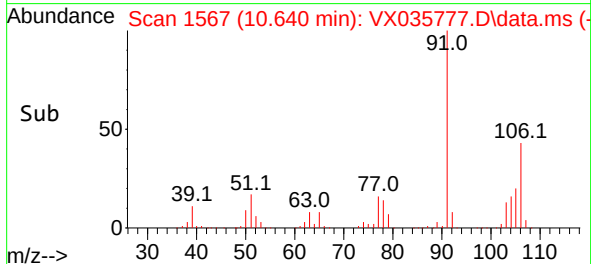
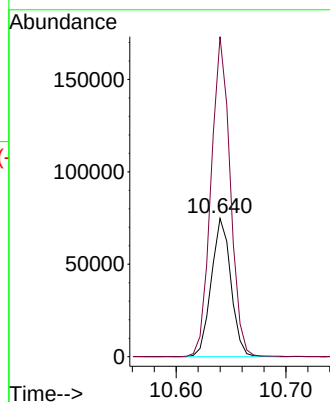
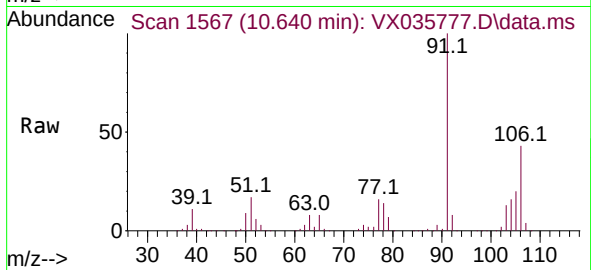
#69
o-Xylene
Concen: 18.827 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tgt Ion:106 Resp: 92875
Ion Ratio Lower Upper
106 100
91 227.6 108.5 325.3

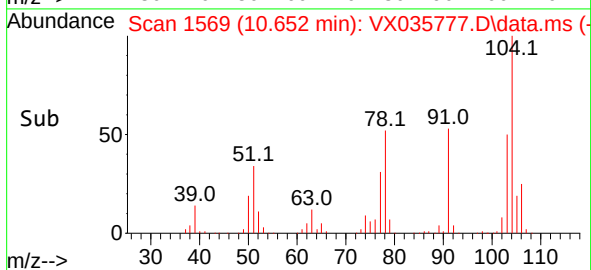
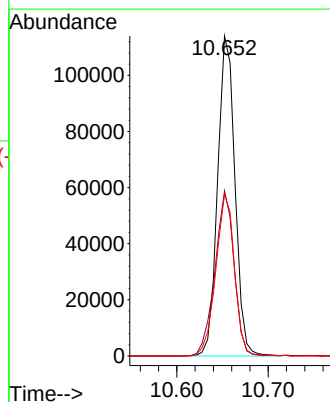
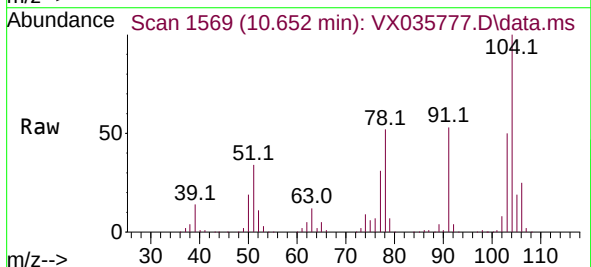
Manual Integrations
APPROVED

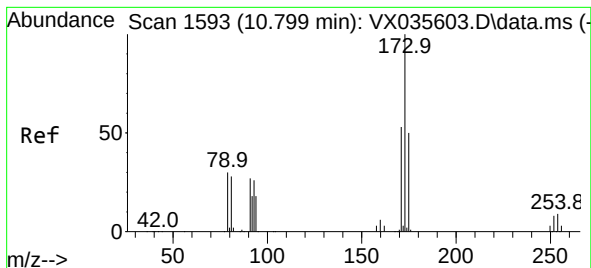
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#70
Styrene
Concen: 18.913 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

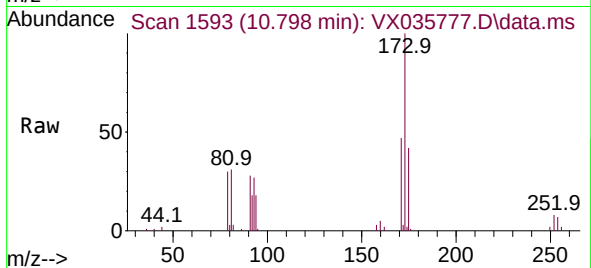
Tgt Ion:104 Resp: 150366
Ion Ratio Lower Upper
104 100
78 56.8 43.4 65.2
103 54.3 44.2 66.2





#71
Bromoform
Concen: 17.251 ug/l
RT: 10.798 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

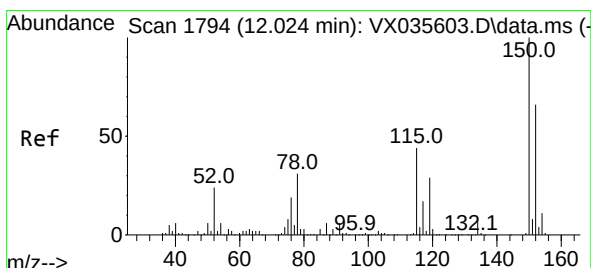
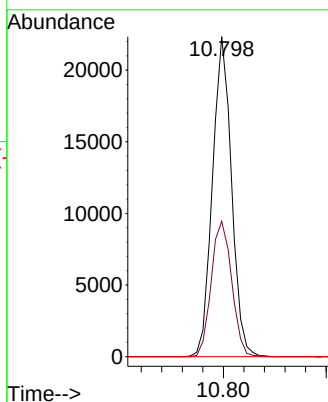
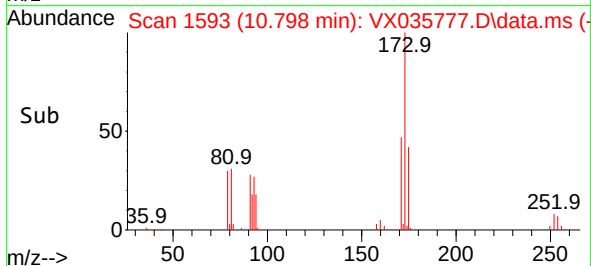
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



Tgt Ion:173 Resp: 28700
Ion Ratio Lower Upper
173 100
175 45.4 24.1 72.4
254 0.0 0.1 0.1

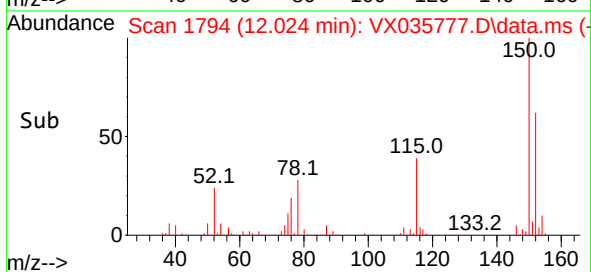
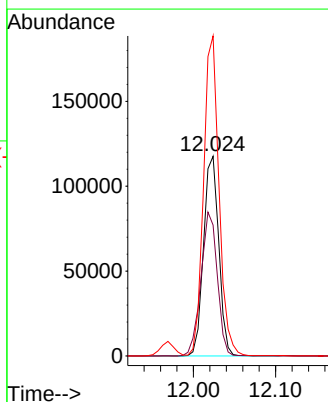
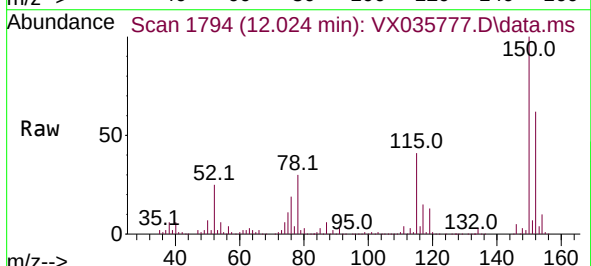
Manual Integrations
APPROVED

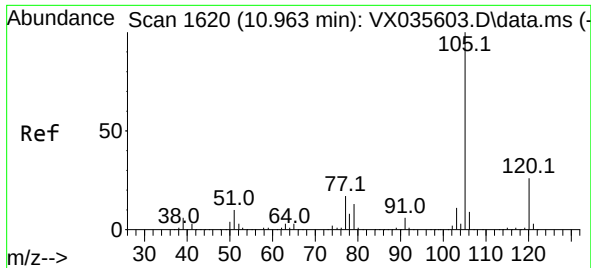
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Tgt Ion:152 Resp: 150832
Ion Ratio Lower Upper
152 100
115 77.7 45.0 135.0
150 162.3 0.0 352.4





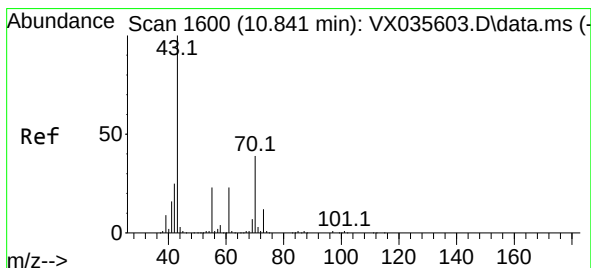
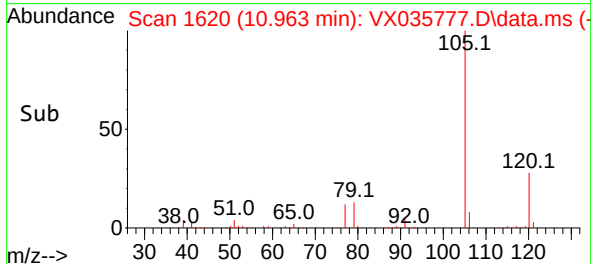
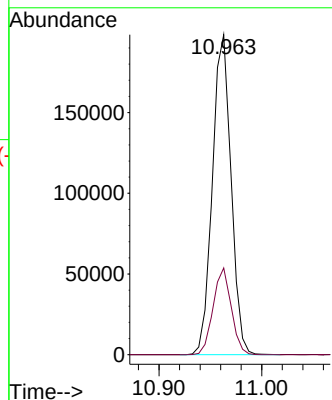
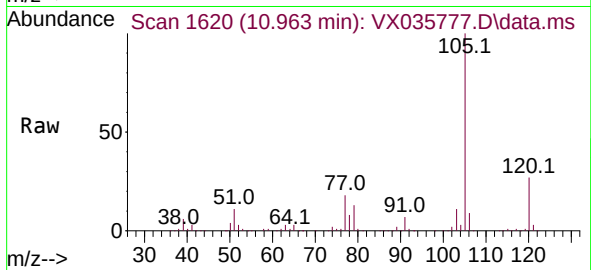
#73
Isopropylbenzene
Concen: 19.640 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tgt Ion:105 Resp: 24962
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9

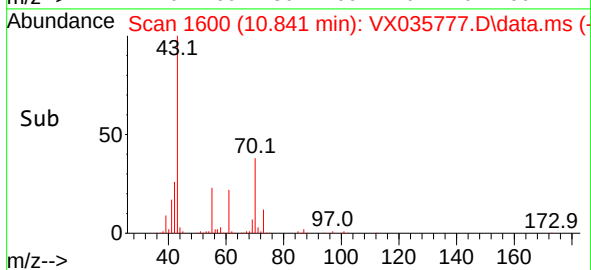
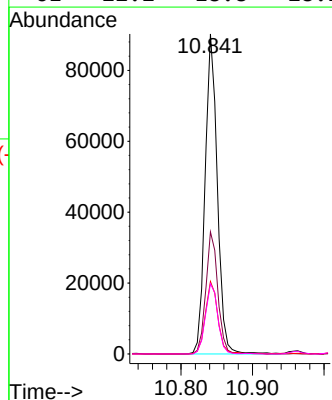
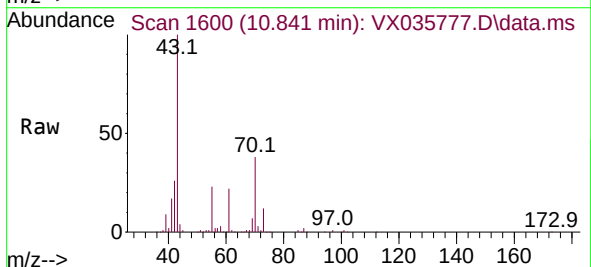
Manual Integrations
APPROVED

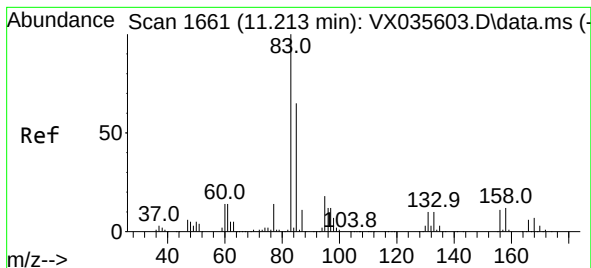
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#74
N-ethyl acetate
Concen: 18.051 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Tgt Ion: 43 Resp: 106969
Ion Ratio Lower Upper
43 100
70 37.6 32.1 48.1
55 23.3 18.3 27.5
61 22.2 18.8 28.2





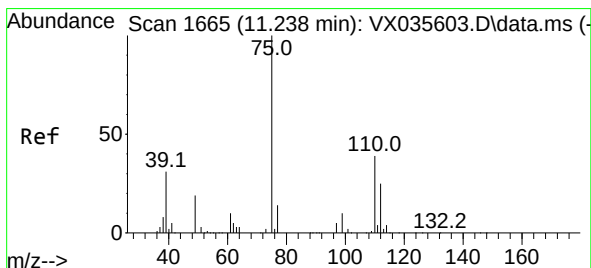
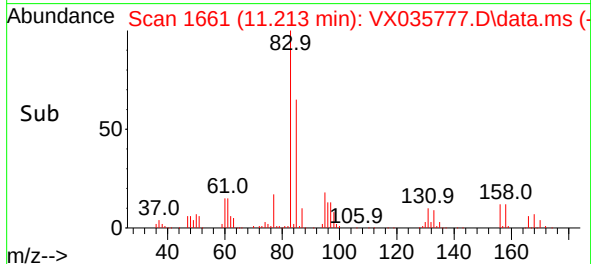
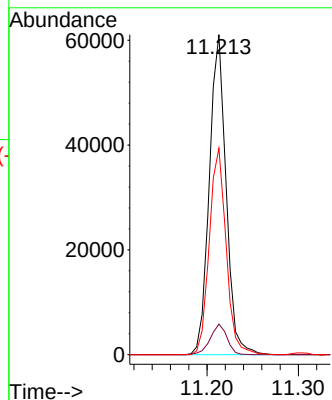
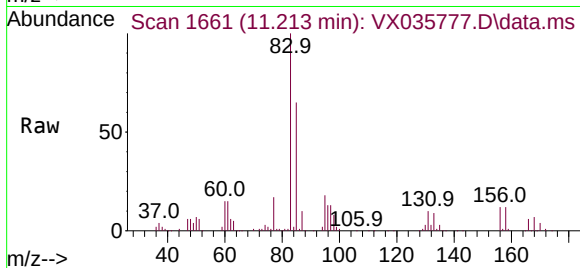
#75
1,1,2,2-Tetrachloroethane
Concen: 18.847 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tgt Ion: 83 Resp: 7770
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 64.8 32.0 96.0

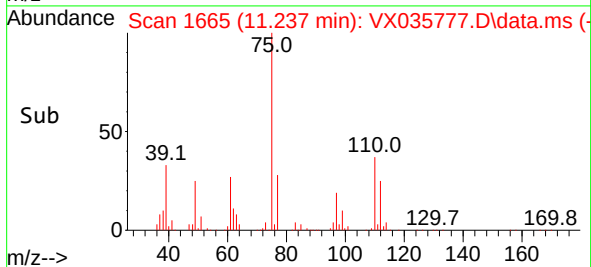
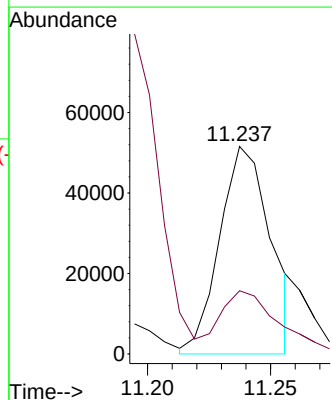
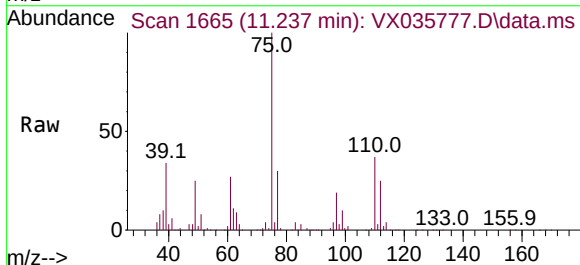
Manual Integrations
APPROVED

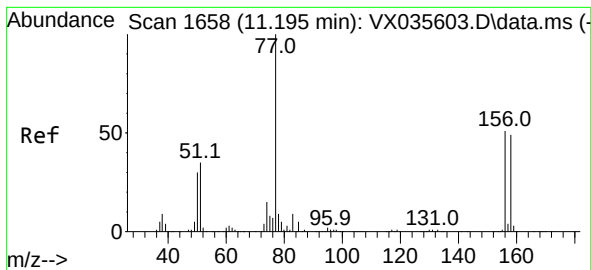
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#76
1,2,3-Trichloropropane
Concen: 20.115 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

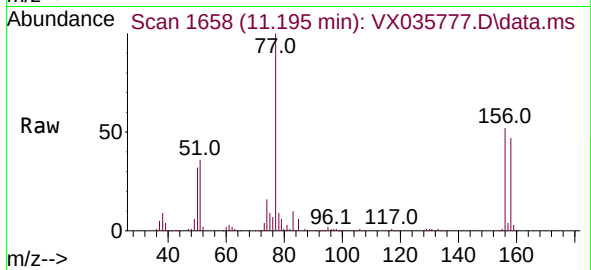
Tgt Ion: 75 Resp: 74214
Ion Ratio Lower Upper
75 100
77 35.8 21.6 64.8





#77
Bromobenzene
Concen: 18.624 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

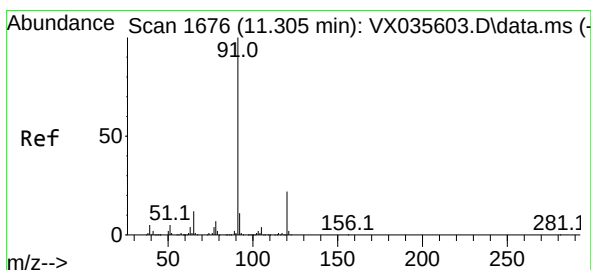
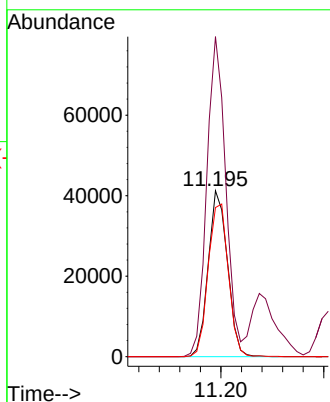
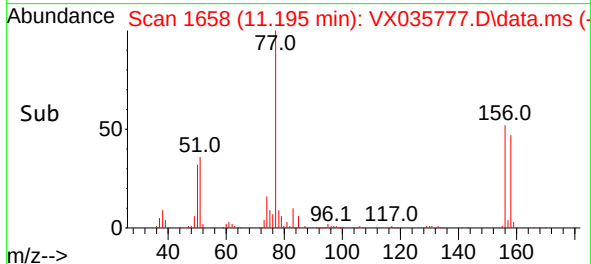
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



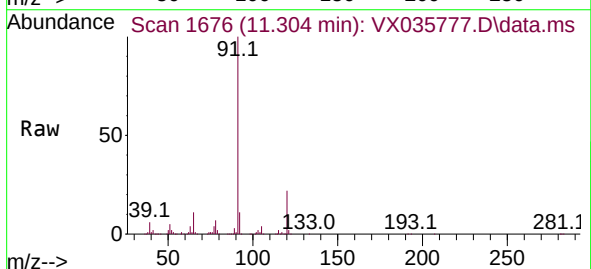
Tgt Ion:156 Resp: 53729
Ion Ratio Lower Upper
156 100
77 189.0 86.7 259.9
158 96.3 48.0 144.0

Manual Integrations
APPROVED

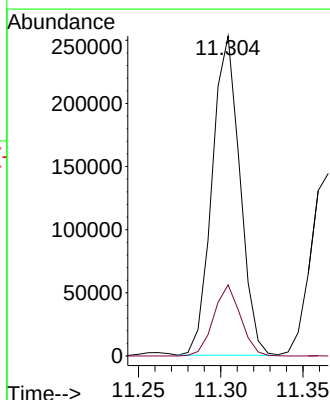
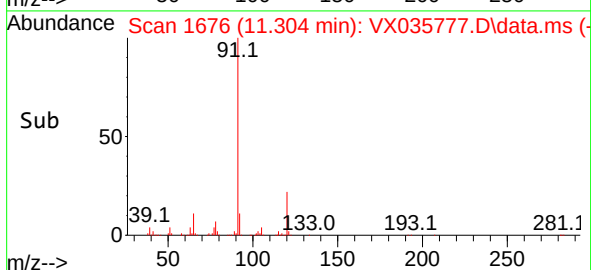
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

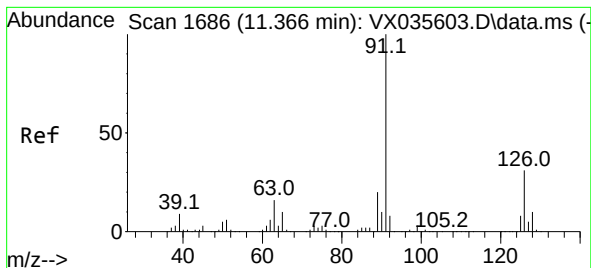


#78
n-propylbenzene
Concen: 19.894 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12



Tgt Ion: 91 Resp: 297228
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.5





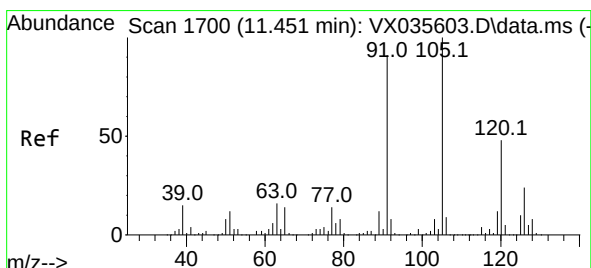
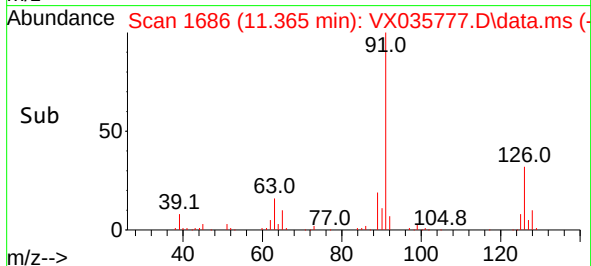
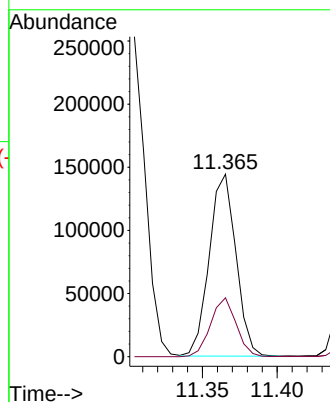
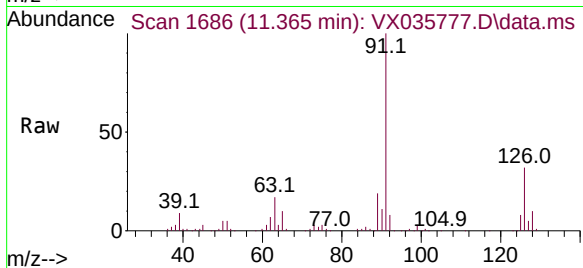
#79
2-Chlorotoluene
Concen: 19.172 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01

Tgt Ion: 91 Resp: 179339
Ion Ratio Lower Upper
91 100
126 31.0 16.3 48.9

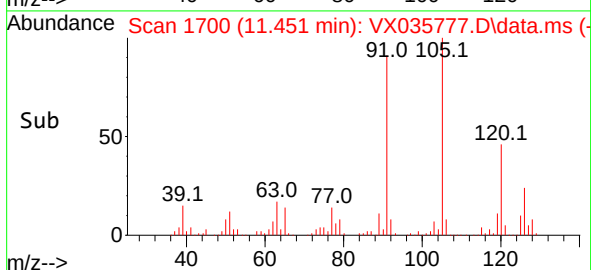
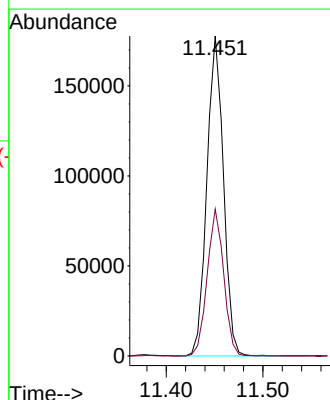
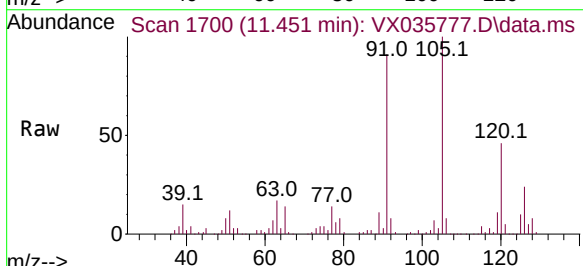
Manual Integrations
APPROVED

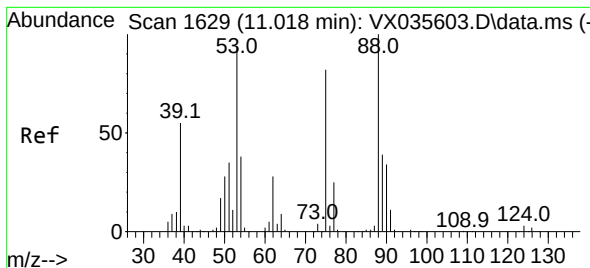
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.626 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

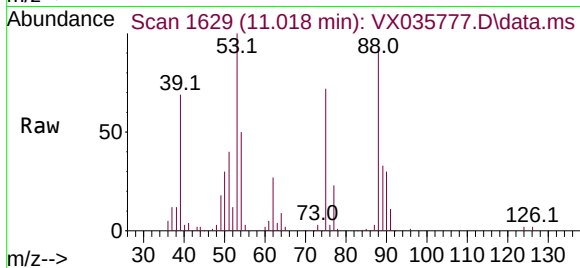
Tgt Ion:105 Resp: 212005
Ion Ratio Lower Upper
105 100
120 45.8 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 15.717 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

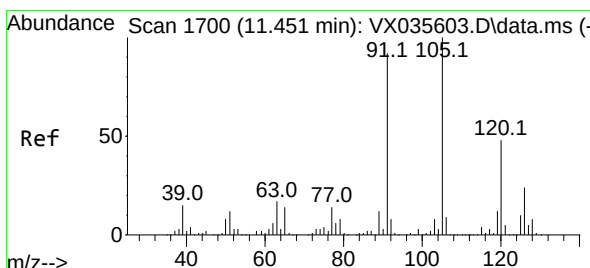
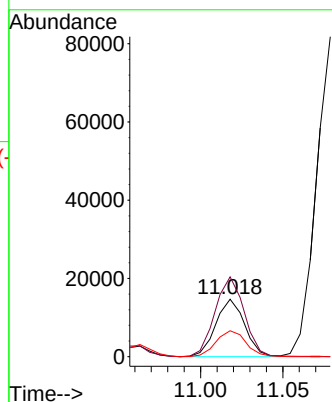
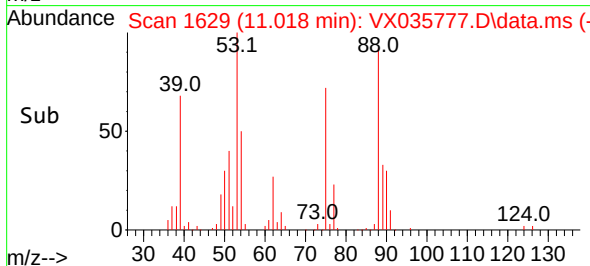
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



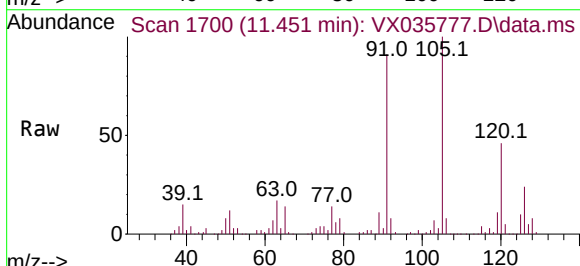
Tgt Ion: 75 Resp: 17992
Ion Ratio Lower Upper
75 100
53 140.4 82.6 124.0
89 46.7 36.9 55.3

Manual Integrations
APPROVED

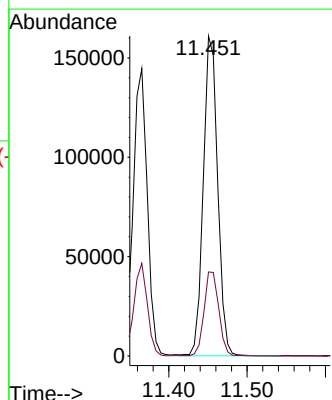
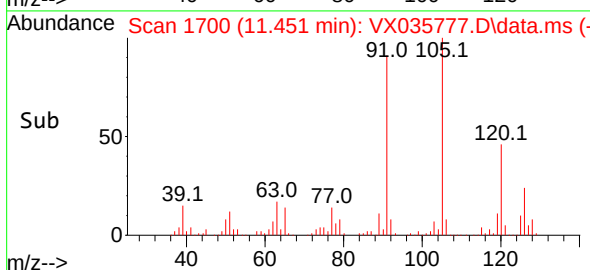
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

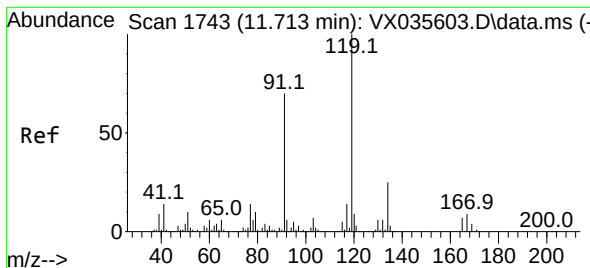


#82
4-Chlorotoluene
Concen: 19.007 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12



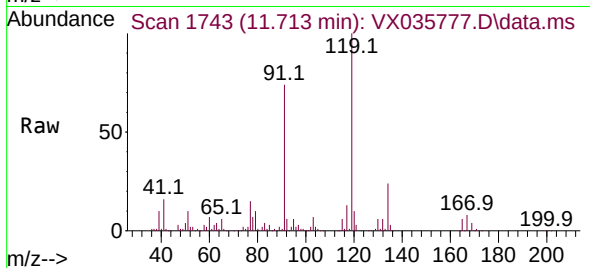
Tgt Ion: 91 Resp: 204760
Ion Ratio Lower Upper
91 100
126 27.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 18.792 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

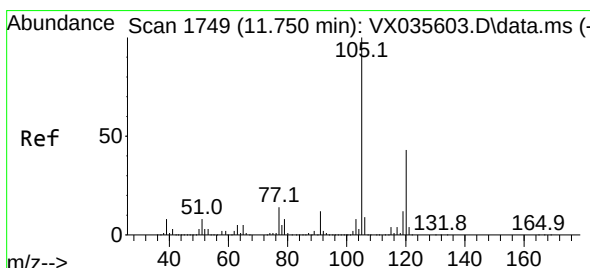
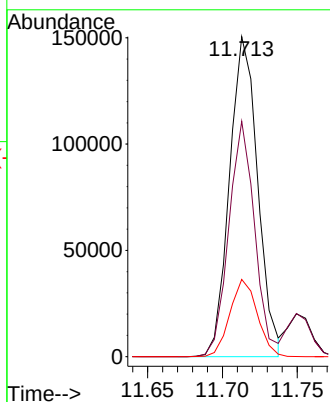
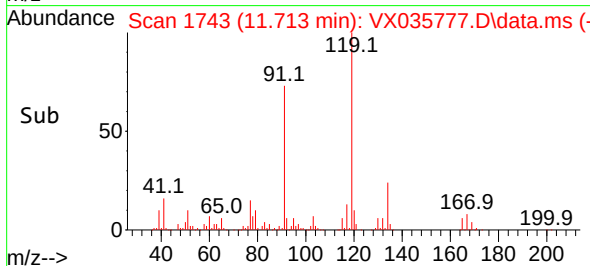
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



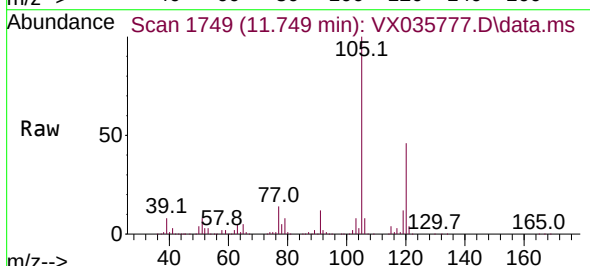
Tgt Ion:119 Resp: 19732
Ion Ratio Lower Upper
119 100
91 67.7 30.6 92.0
134 23.5 11.8 35.4

Manual Integrations
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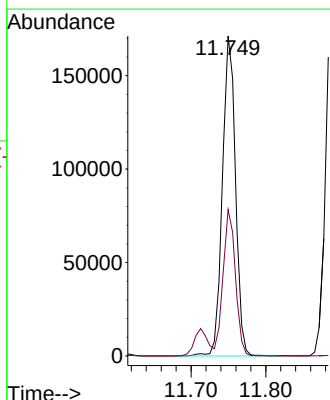
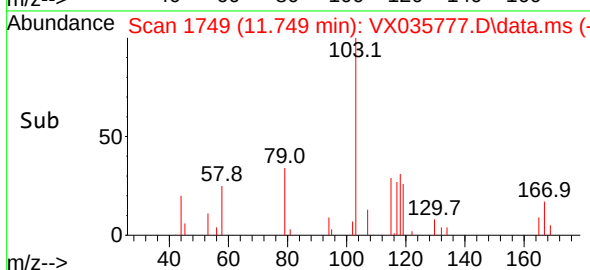
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

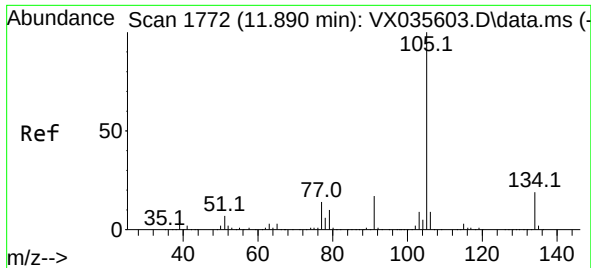


#84
1,2,4-Trimethylbenzene
Concen: 19.270 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12



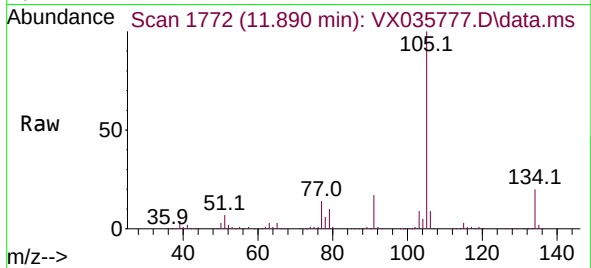
Tgt Ion:105 Resp: 209012
Ion Ratio Lower Upper
105 100
120 43.2 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 19.375 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035777.D
 Acq: 22 May 2023 12:12

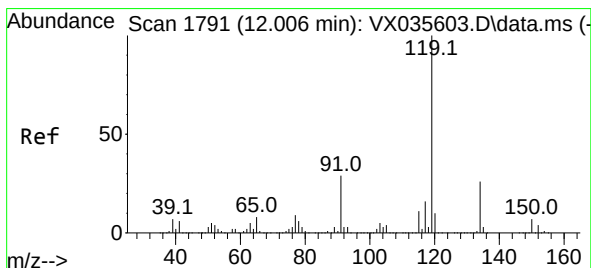
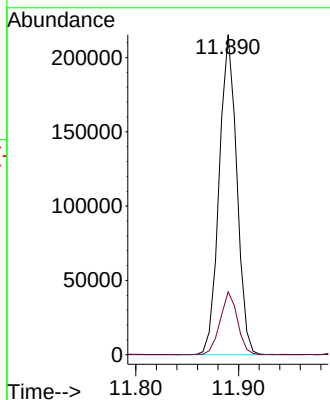
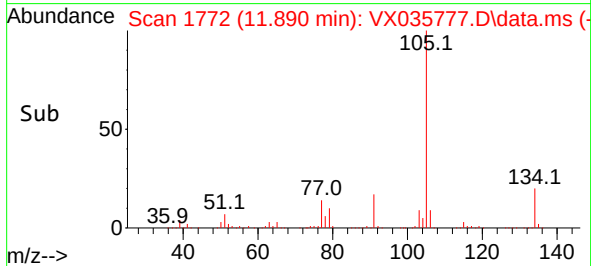
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01



Tgt Ion:105 Resp: 25544
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.4

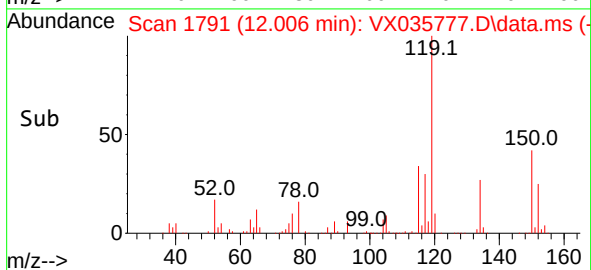
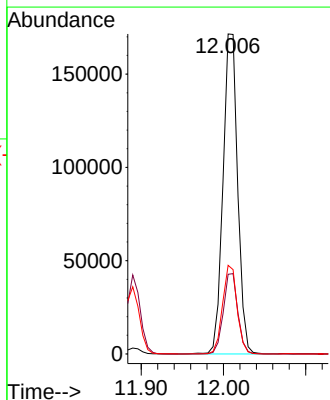
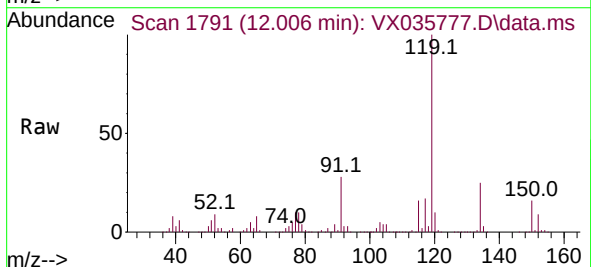
Manual Integrations
 APPROVED

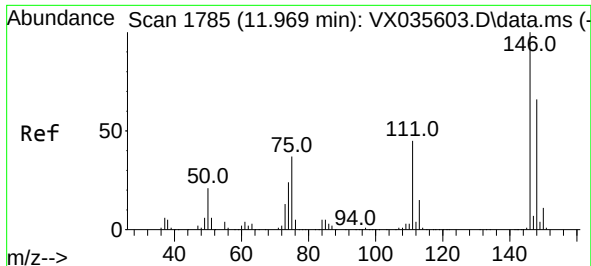
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#86
 p-Isopropyltoluene
 Concen: 19.660 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035777.D
 Acq: 22 May 2023 12:12

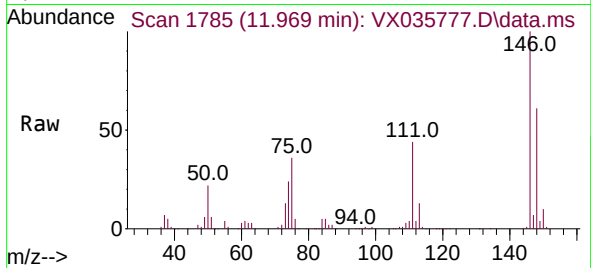
Tgt Ion:119 Resp: 213095
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.2 39.5
 91 27.3 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 18.674 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

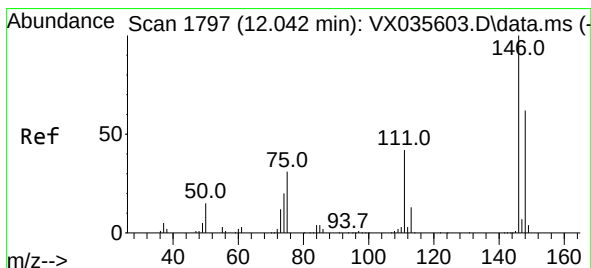
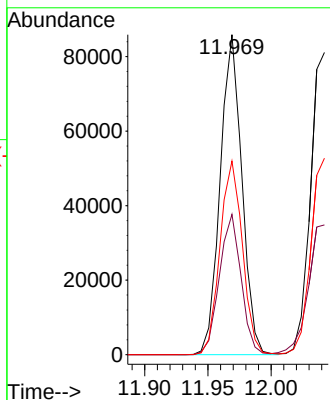
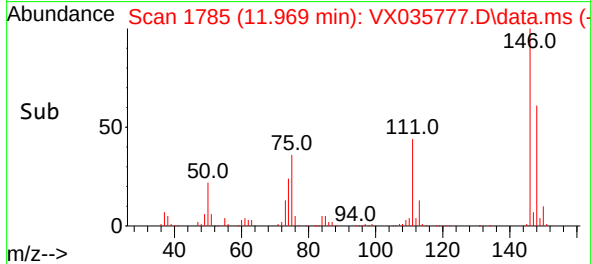
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



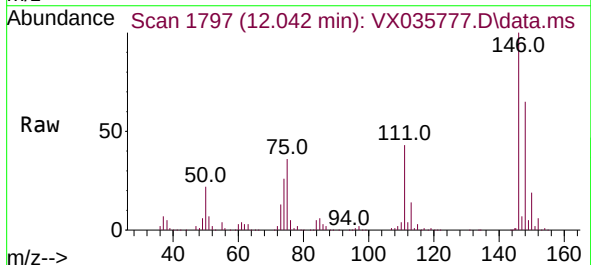
Tgt Ion:146 Resp: 10233
Ion Ratio Lower Upper
146 100
111 44.0 20.9 62.8
148 62.6 31.6 95.0

Manual Integrations
APPROVED

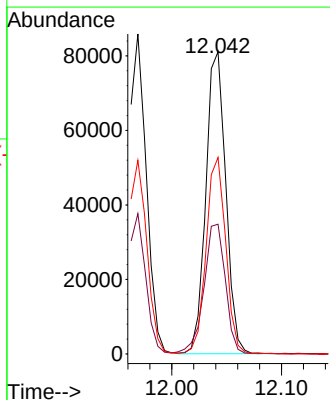
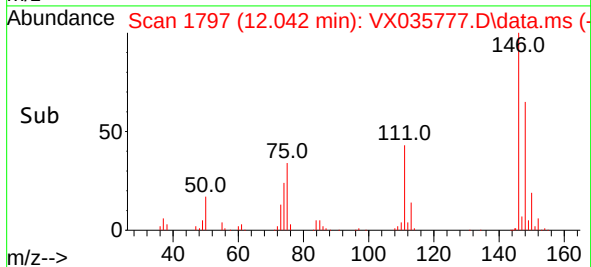
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

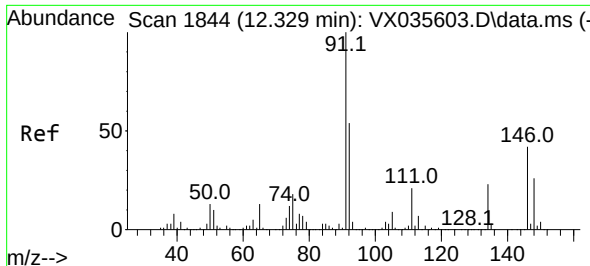


#88
1,4-Dichlorobenzene
Concen: 18.490 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12



Tgt Ion:146 Resp: 102323
Ion Ratio Lower Upper
146 100
111 46.1 20.6 61.9
148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 19.539 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

Tgt Ion: 91 Resp: 192650

Ion Ratio Lower Upper

91 100

92 52.9 27.7 83.0

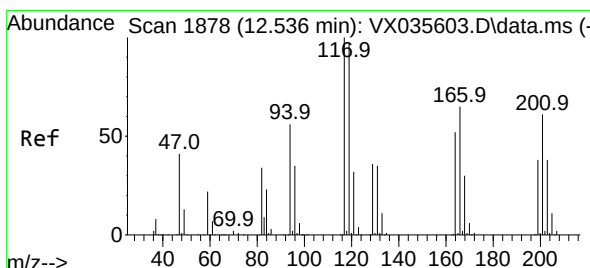
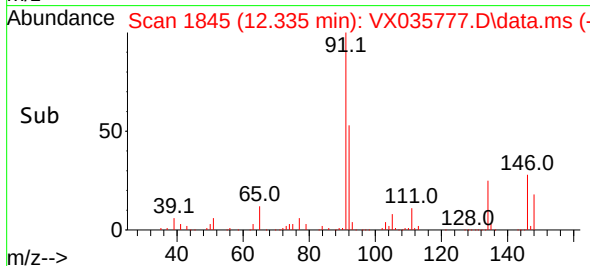
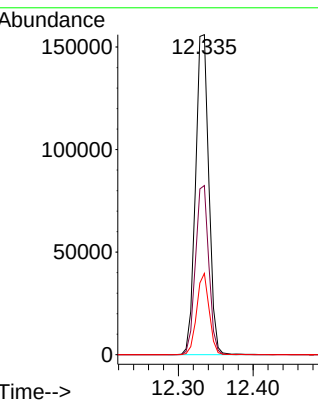
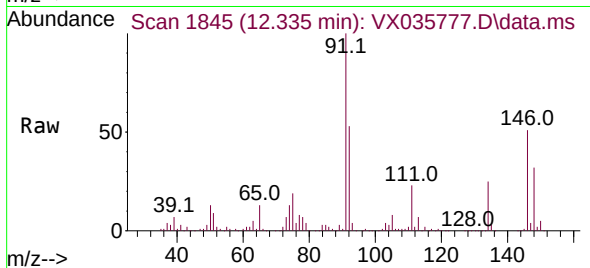
134 23.8 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#90

Hexachloroethane

Concen: 18.115 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX035777.D

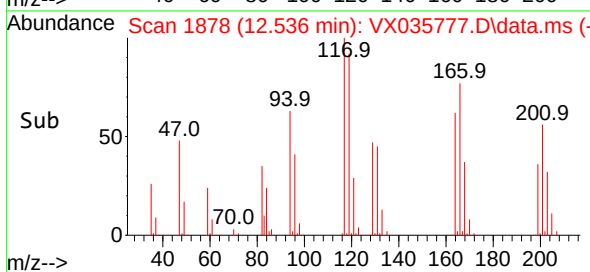
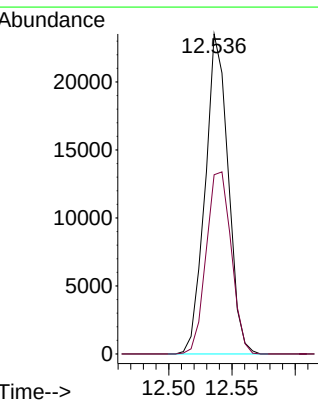
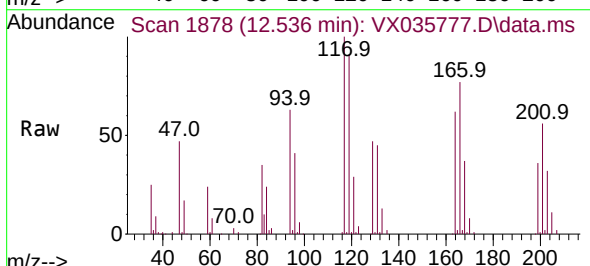
Acq: 22 May 2023 12:12

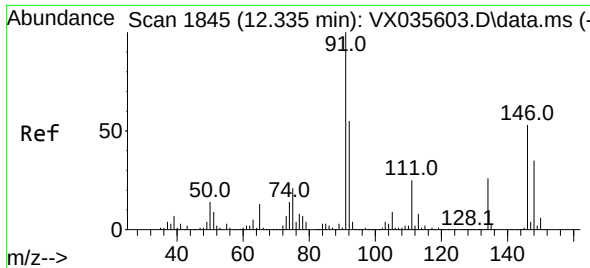
Tgt Ion:117 Resp: 29759

Ion Ratio Lower Upper

117 100

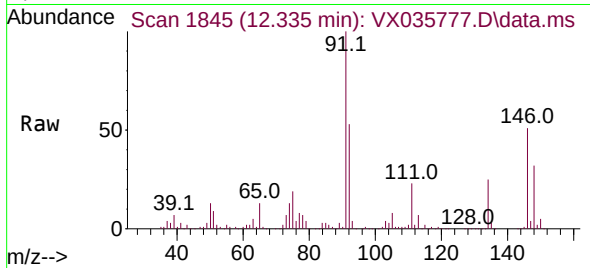
201 61.8 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 18.407 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

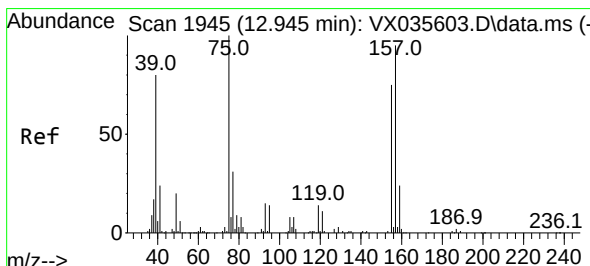
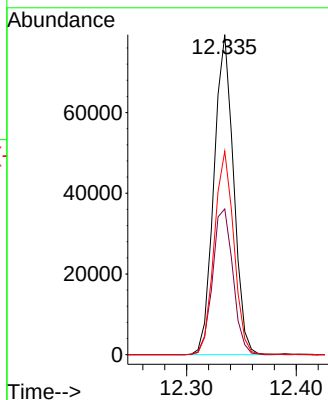
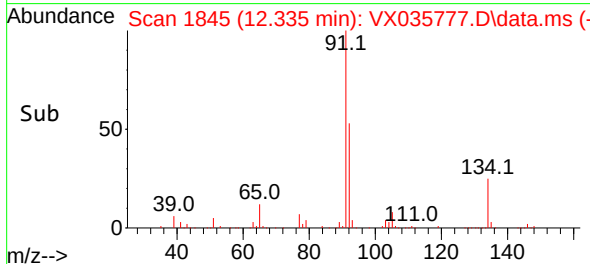
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



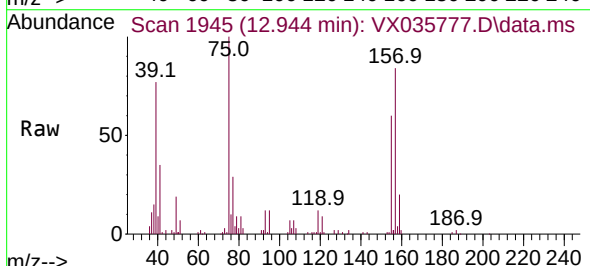
Tgt Ion:146 Resp: 9878
Ion Ratio Lower Upper
146 100
111 47.1 22.0 66.0
148 63.5 32.0 96.0

Manual Integrations
APPROVED

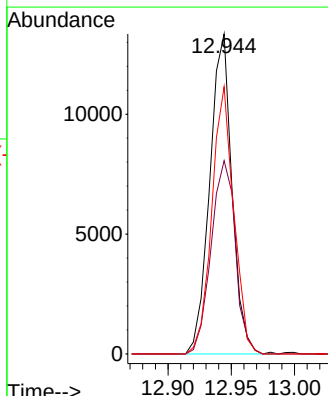
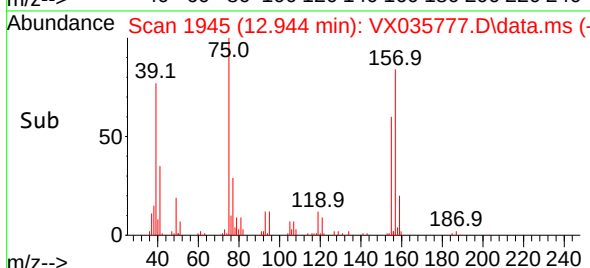
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

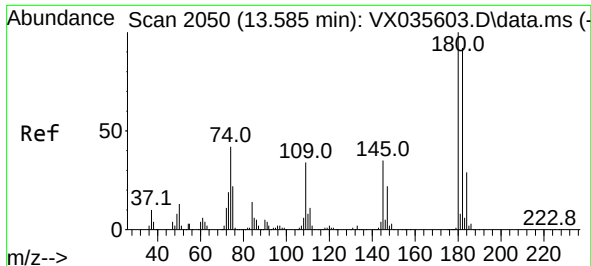


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.768 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12



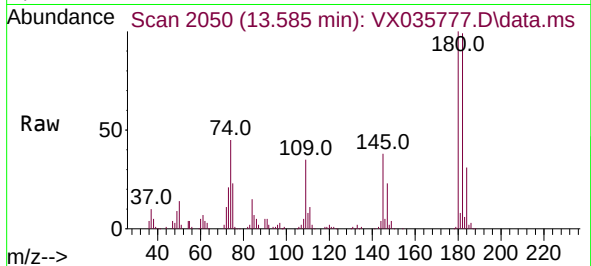
Tgt Ion: 75 Resp: 16313
Ion Ratio Lower Upper
75 100
155 65.6 38.4 115.1
157 82.3 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 18.167 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.001 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12

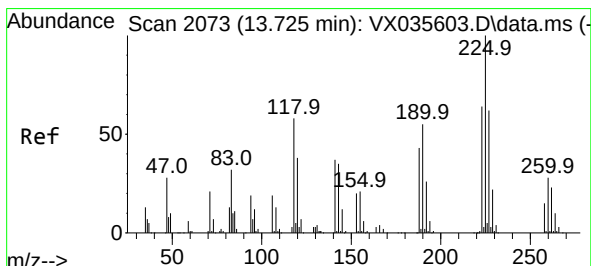
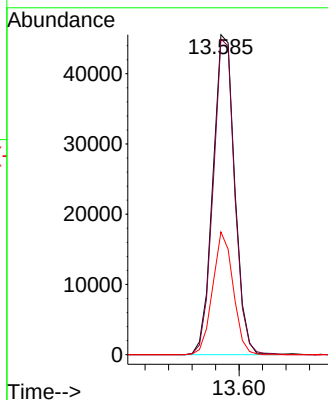
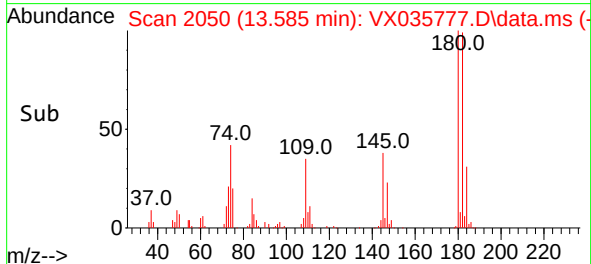
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBS01



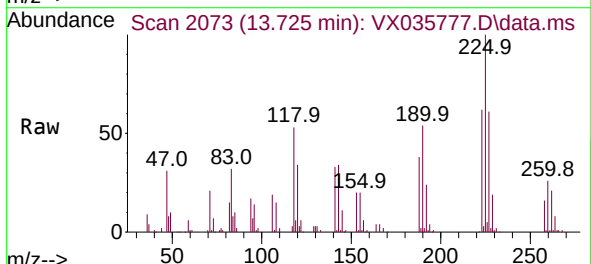
Tgt Ion:180 Resp: 5870
Ion Ratio Lower Upper
180 100
182 96.8 47.0 141.0
145 36.1 15.9 47.7

Manual Integrations
APPROVED

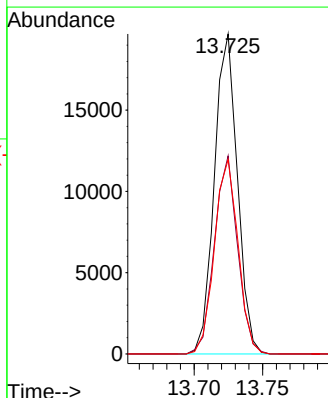
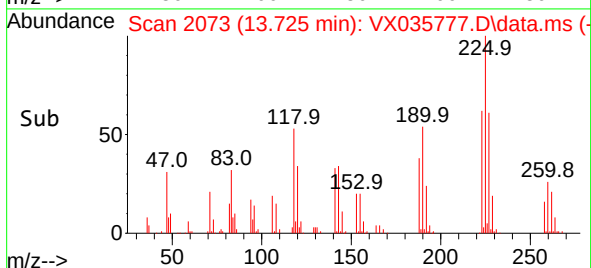
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

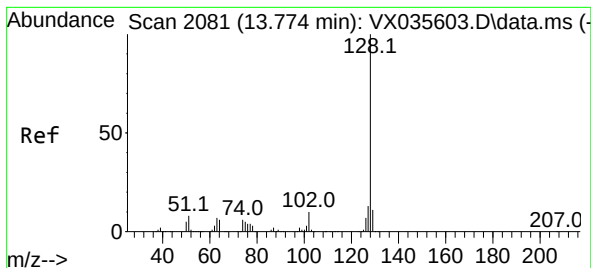


#94
Hexachlorobutadiene
Concen: 17.917 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX035777.D
Acq: 22 May 2023 12:12



Tgt Ion:225 Resp: 22979
Ion Ratio Lower Upper
225 100
223 62.3 32.1 96.5
227 62.4 31.8 95.4





#95

Naphthalene

Concen: 17.614 ug/l

RT: 13.773 min Scan# 2081

Delta R.T. -0.001 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBS01

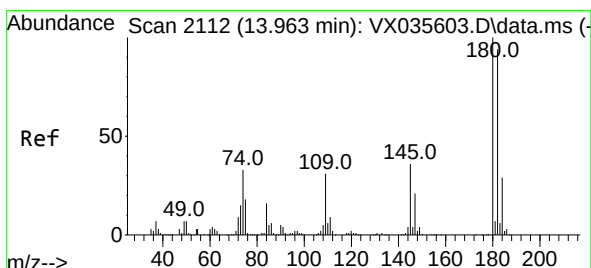
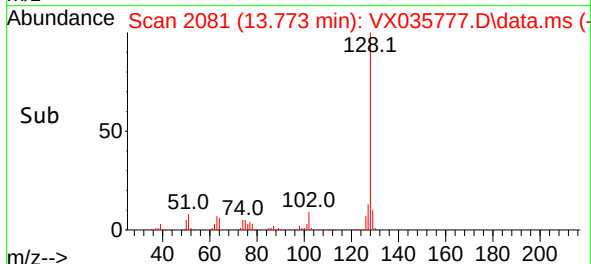
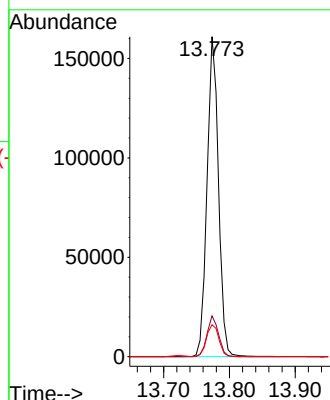
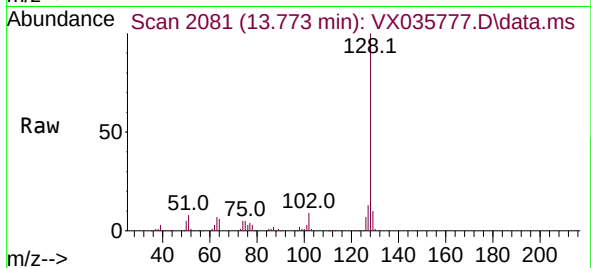
Tgt Ion:128 Resp: 194900
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.2 15.4
 129 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.639 ug/l

RT: 13.962 min Scan# 2112

Delta R.T. -0.001 min

Lab File: VX035777.D

Acq: 22 May 2023 12:12

Tgt Ion:180 Resp: 56056
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.0 144.2
 145 35.7 17.7 53.1

