

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040321.D
 Acq On : 19 Feb 2024 11:26
 Operator : JC/MD
 Sample : VX0219WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2024
 Supervised By : Mahesh Dadoda 02/20/2024

Quant Time: Feb 20 01:10:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	90267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70020	52.141	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.280%			
35) Dibromofluoromethane	5.385	113	53508	49.669	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.340%			
50) Toluene-d8	8.647	98	196456	48.750	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.500%			
62) 4-Bromofluorobenzene	11.079	95	76158	46.338	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19511	19.135	ug/l	96
3) Chloromethane	1.295	50	20024	19.044	ug/l	96
4) Vinyl Chloride	1.374	62	20496	18.446	ug/l	95
5) Bromomethane	1.605	94	14492	23.112	ug/l	97
6) Chloroethane	1.691	64	12761	18.210	ug/l	97
7) Trichlorofluoromethane	1.892	101	32339	18.123	ug/l	94
8) Diethyl Ether	2.130	74	11794	17.595	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	18900	19.746	ug/l	98
10) Methyl Iodide	2.453	142	20947	19.712	ug/l	91
11) Tert butyl alcohol	2.953	59	22682	86.712	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	17309	18.782	ug/l	97
13) Acrolein	2.233	56	19994	82.812	ug/l	98
14) Allyl chloride	2.666	41	33420	20.896	ug/l	97
15) Acrylonitrile	3.062	53	63402	108.329	ug/l	100
16) Acetone	2.374	43	64530	116.999	ug/l	98
17) Carbon Disulfide	2.514	76	41411	17.020	ug/l	99
18) Methyl Acetate	2.703	43	28131	19.026	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	64843	19.972	ug/l	97
20) Methylene Chloride	2.788	84	22602	20.932	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	19158	18.253	ug/l	99
22) Diisopropyl ether	3.757	45	70674	21.789	ug/l	100
23) Vinyl Acetate	3.721	43	308519	106.700	ug/l	100
24) 1,1-Dichloroethane	3.611	63	37968	20.096	ug/l	99
25) 2-Butanone	4.550	43	92162	106.900	ug/l	100
26) 2,2-Dichloropropane	4.477	77	28439	19.553	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	23011	19.218	ug/l	99
28) Bromochloromethane	4.891	49	18588	23.172	ug/l #	16
29) Tetrahydrofuran	5.001	42	58015	103.289	ug/l	98
30) Chloroform	5.099	83	40619	19.884	ug/l	93
31) Cyclohexane	5.471	56	30606	19.108	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	33084	19.252	ug/l	98
36) 1,1-Dichloropropene	5.696	75	29238	19.374	ug/l	98
37) Ethyl Acetate	4.709	43	34163	20.345	ug/l	99
38) Carbon Tetrachloride	5.678	117	25722	17.926	ug/l	95
39) Methylcyclohexane	7.379	83	30981	17.665	ug/l	97
40) Benzene	6.038	78	81423	19.294	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18942	21.279	ug/l	98
42) 1,2-Dichloroethane	6.086	62	33482	20.298	ug/l	100
43) Isopropyl Acetate	6.336	43	52897	20.180	ug/l	98
44) Trichloroethene	7.123	130	21604	18.559	ug/l	95
45) 1,2-Dichloropropane	7.428	63	22460	20.447	ug/l	100
46) Dibromomethane	7.580	93	16166	19.983	ug/l	98
47) Bromodichloromethane	7.824	83	31148	19.982	ug/l	97
48) Methyl methacrylate	7.690	41	25827	19.256	ug/l	94
49) 1,4-Dioxane	7.653	88	10336	354.230	ug/l #	100
51) 4-Methyl-2-Pentanone	8.568	43	183602	102.590	ug/l	99
52) Toluene	8.714	92	51330	18.569	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	30501	17.601	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	34512	19.756	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	22282	18.899	ug/l	91
56) Ethyl methacrylate	9.116	69	32882	18.630	ug/l	96
57) 1,3-Dichloropropane	9.305	76	37683	19.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	81229	97.286	ug/l	95
59) 2-Hexanone	9.427	43	145408	102.477	ug/l	100
60) Dibromochloromethane	9.519	129	21998	18.314	ug/l	98
61) 1,2-Dibromoethane	9.610	107	22534	17.981	ug/l	98
64) Tetrachloroethene	9.269	164	18751	18.541	ug/l	94
65) Chlorobenzene	10.080	112	56072	18.617	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	19471	18.665	ug/l	98
67) Ethyl Benzene	10.189	91	104621	19.503	ug/l	96
68) m/p-Xylenes	10.299	106	77780	38.392	ug/l	100
69) o-Xylene	10.640	106	36798	18.691	ug/l	93
70) Styrene	10.653	104	63276	19.332	ug/l	99
71) Bromoform	10.793	173	15610	17.267	ug/l #	98
73) Isopropylbenzene	10.964	105	100162	18.802	ug/l	100
74) N-amyl acetate	10.842	43	44931	19.677	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	37628	19.660	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30689m	20.037	ug/l	
77) Bromobenzene	11.195	156	24114	19.165	ug/l	98
78) n-propylbenzene	11.305	91	123647	19.172	ug/l	99
79) 2-Chlorotoluene	11.360	91	72344	18.576	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	86221	19.225	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8374	17.813	ug/l	94
82) 4-Chlorotoluene	11.451	91	85341	18.495	ug/l	98
83) tert-Butylbenzene	11.713	119	81660	18.572	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	85400	18.822	ug/l	99
85) sec-Butylbenzene	11.890	105	106584	18.862	ug/l	100
86) p-Isopropyltoluene	12.006	119	85966	18.559	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	46286	18.567	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	47627	18.042	ug/l	99
89) n-Butylbenzene	12.329	91	84624	18.926	ug/l	96
90) Hexachloroethane	12.536	117	12961	17.739	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	44983	18.639	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7886	17.853	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	29709	17.981	ug/l	95
94) Hexachlorobutadiene	13.725	225	11185	16.962	ug/l	99
95) Naphthalene	13.774	128	96457	18.484	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	28956	18.386	ug/l	98

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

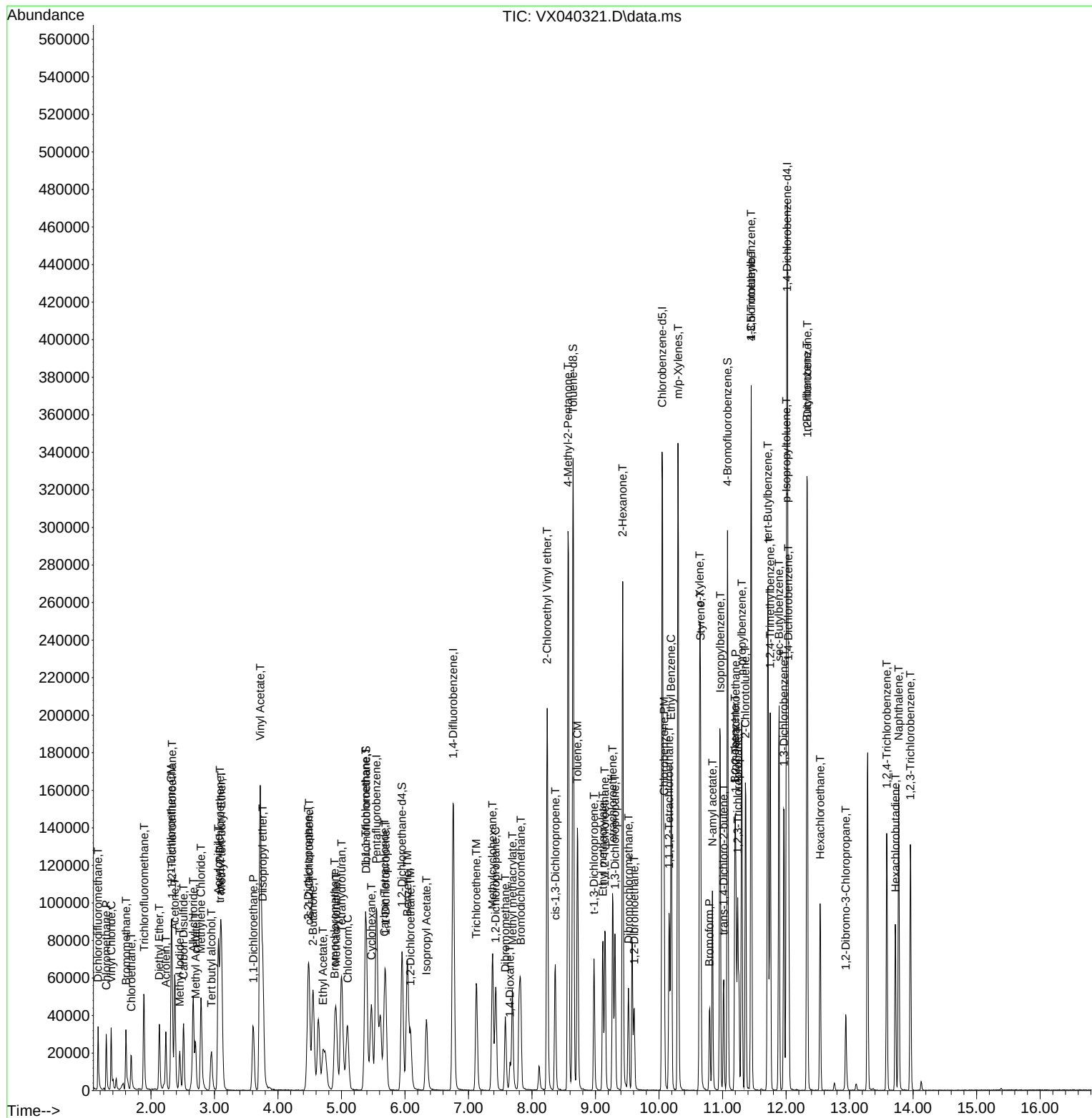
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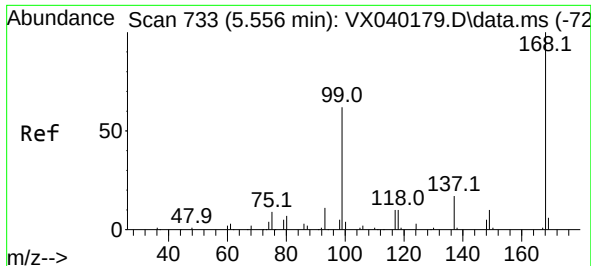
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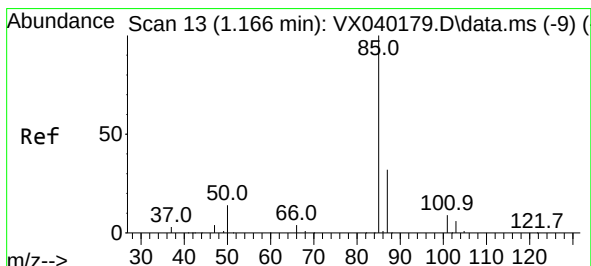
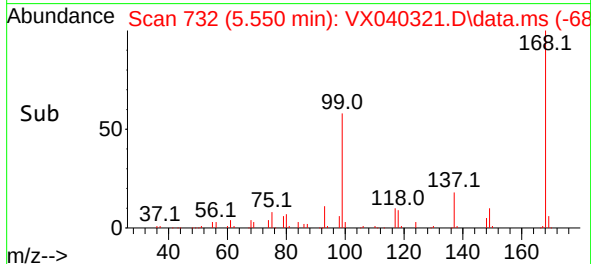
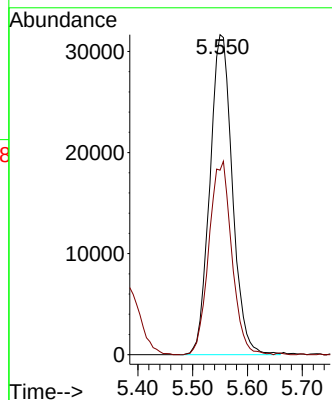
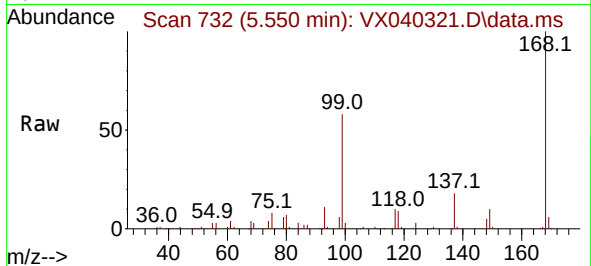
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040321.D
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Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion:168 Resp: 9026
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0

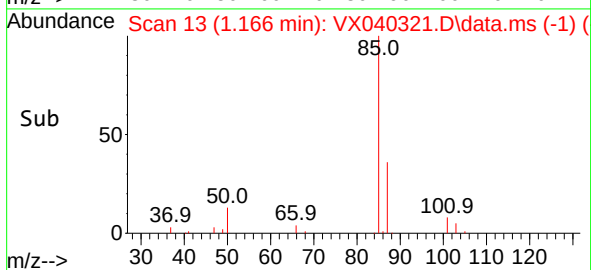
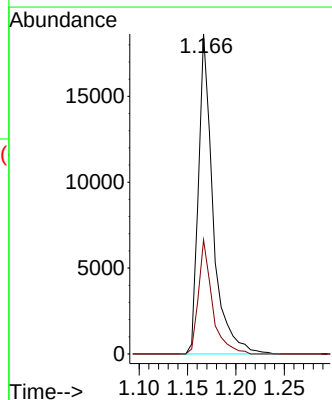
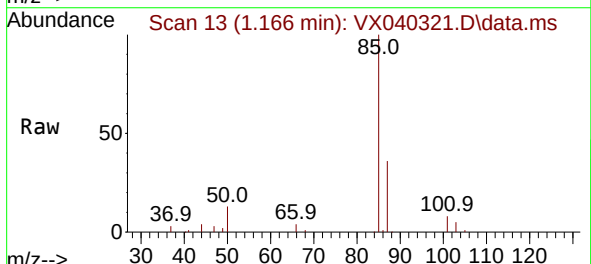
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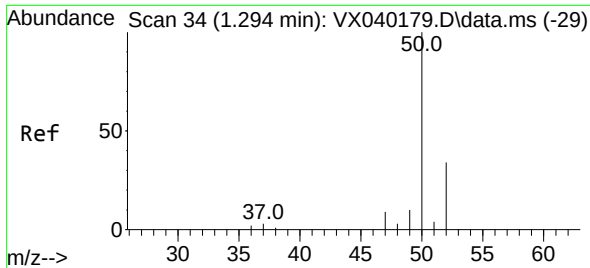
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#2
Dichlorodifluoromethane
Concen: 19.135 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

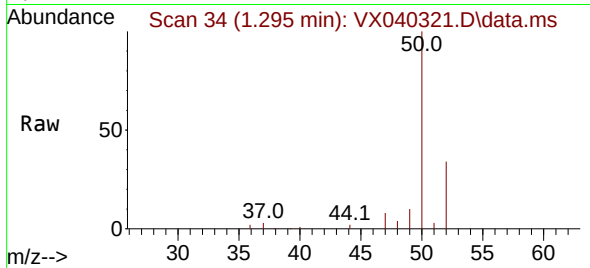
Tgt Ion: 85 Resp: 19511
Ion Ratio Lower Upper
85 100
87 35.7 16.7 50.1





#3
Chloromethane
Concen: 19.044 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

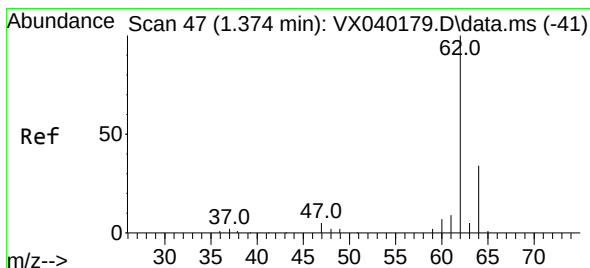
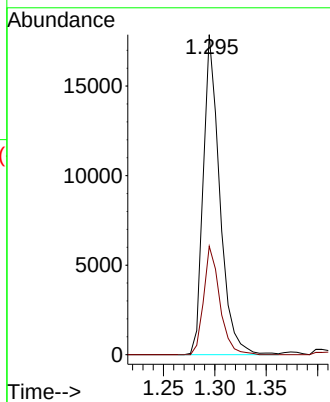
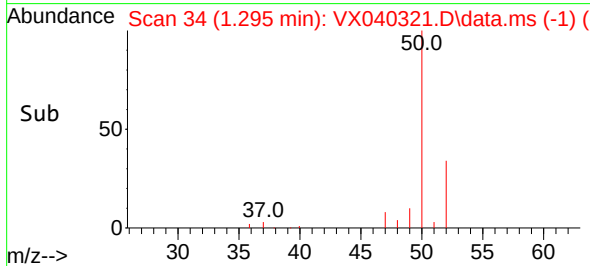
Instrument :
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ClientSampleId :
VX0219WBS01



Tgt Ion: 50 Resp: 20024
Ion Ratio Lower Upper
50 100
52 33.9 25.5 38.3

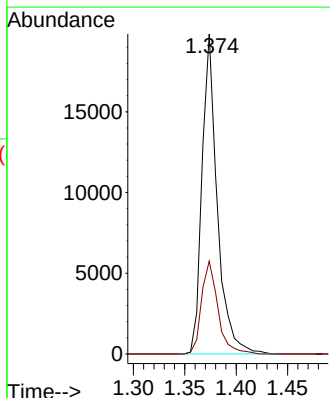
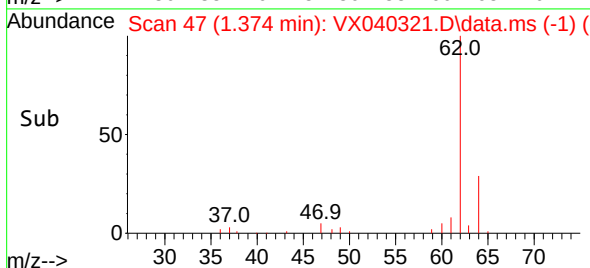
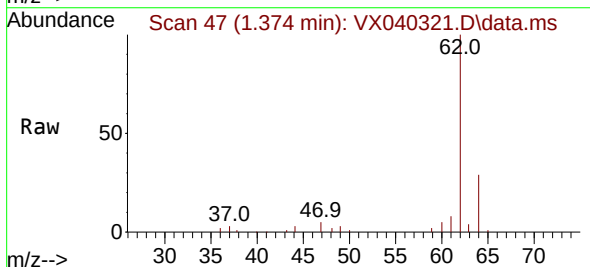
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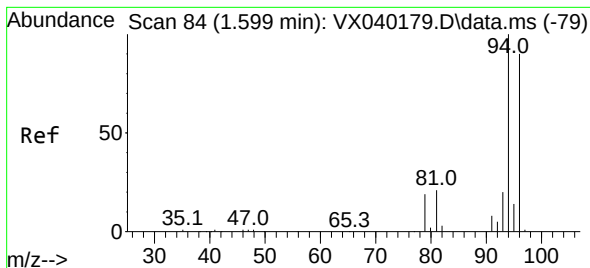
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#4
Vinyl Chloride
Concen: 18.446 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Tgt Ion: 62 Resp: 20496
Ion Ratio Lower Upper
62 100
64 29.0 25.4 38.0





#5

Bromomethane

Concen: 23.112 ug/l

RT: 1.605 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion: 94 Resp: 14492

Ion Ratio Lower Upper

94 100

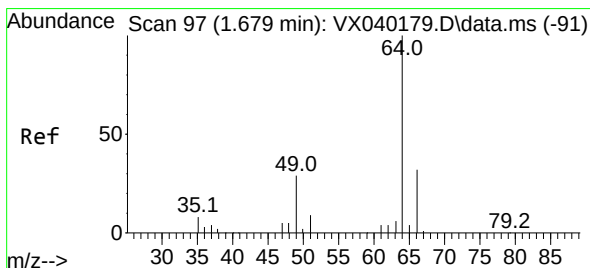
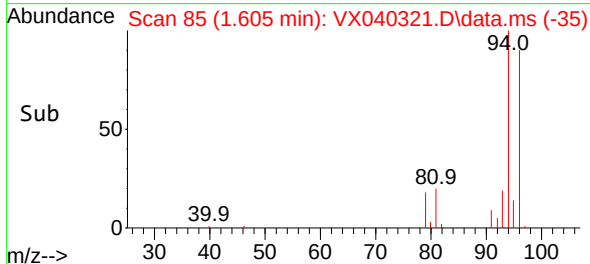
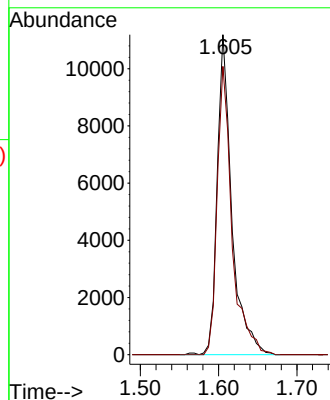
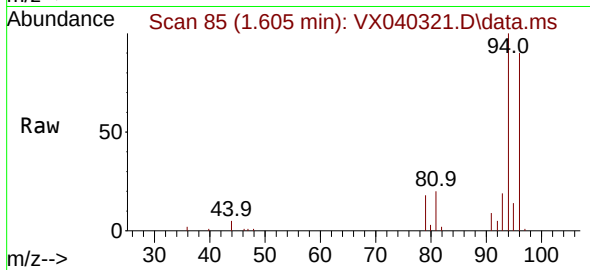
96 90.1 74.6 111.8

Manual Integrations

APPROVED

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#6

Chloroethane

Concen: 18.210 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.012 min

Lab File: VX040321.D

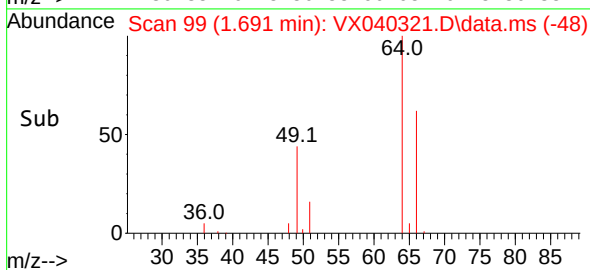
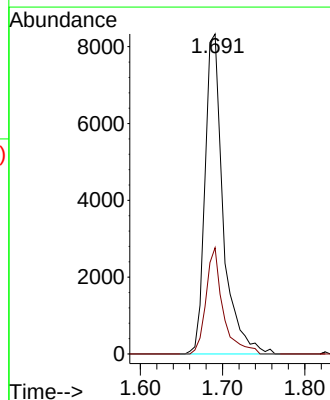
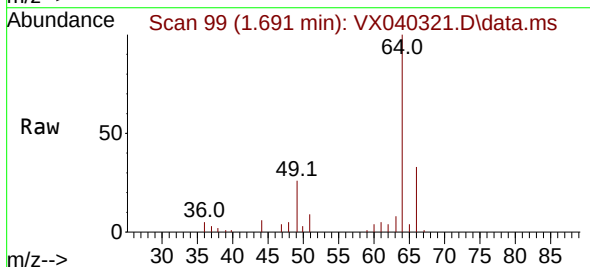
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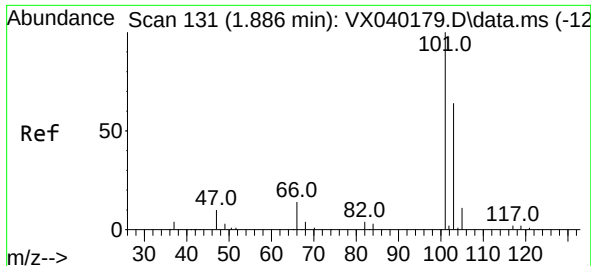
Tgt Ion: 64 Resp: 12761

Ion Ratio Lower Upper

64 100

66 33.2 25.1 37.7





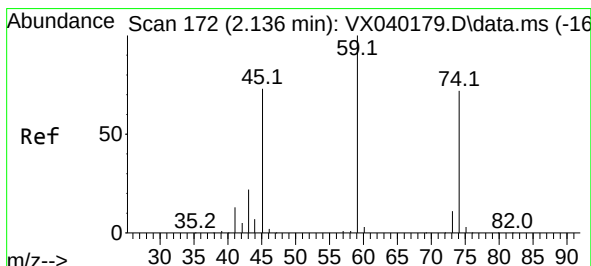
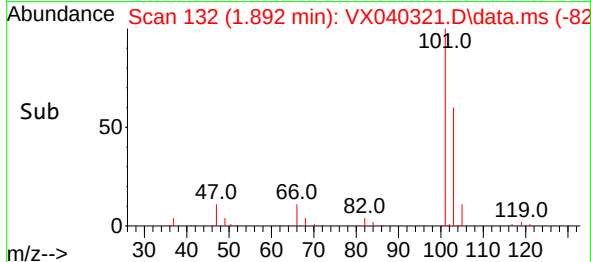
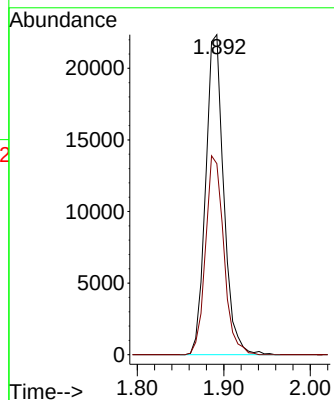
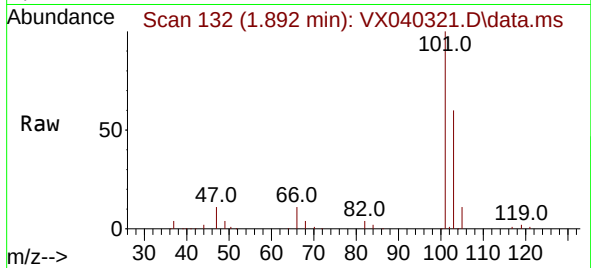
#7
Trichlorofluoromethane
Concen: 18.123 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040321.D
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Instrument :
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Tgt Ion:101 Resp: 32339
Ion Ratio Lower Upper
101 100
103 59.7 51.4 77.2

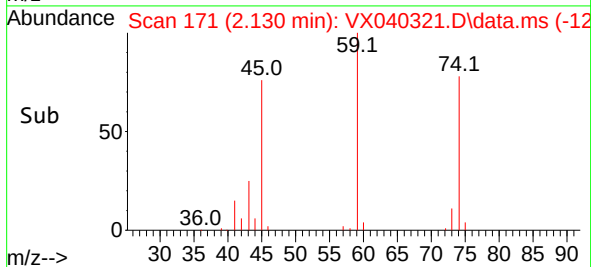
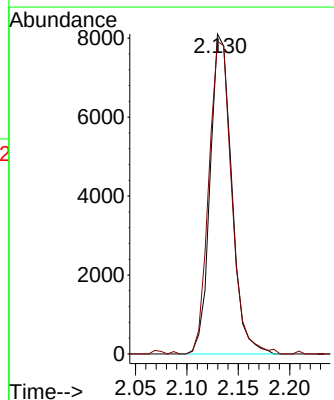
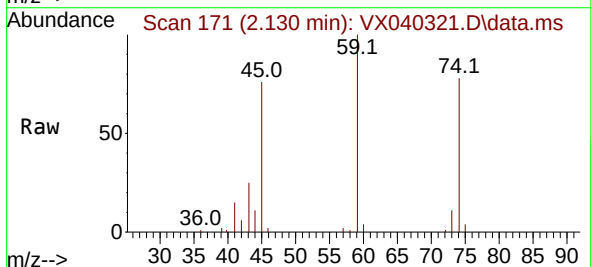
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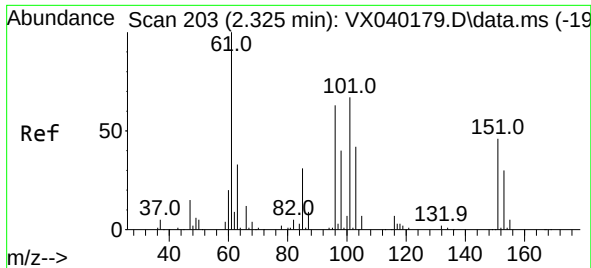
Reviewed By :John Carlone 02/20/2024
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#8
Diethyl Ether
Concen: 17.595 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040321.D
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Tgt Ion: 74 Resp: 11794
Ion Ratio Lower Upper
74 100
45 103.8 53.3 159.8





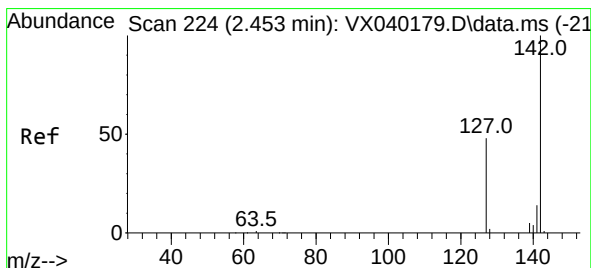
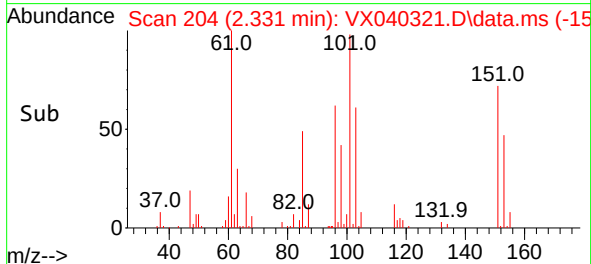
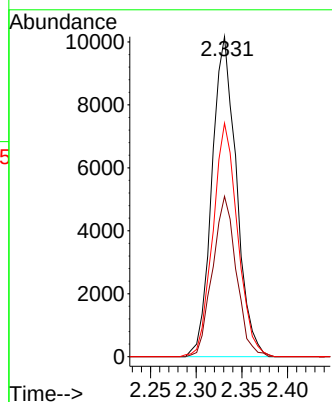
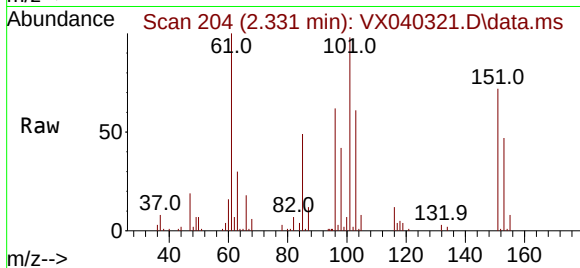
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.746 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion:101 Resp: 18900
Ion Ratio Lower Upper
101 100
85 48.6 37.0 55.6
151 73.8 58.6 87.8

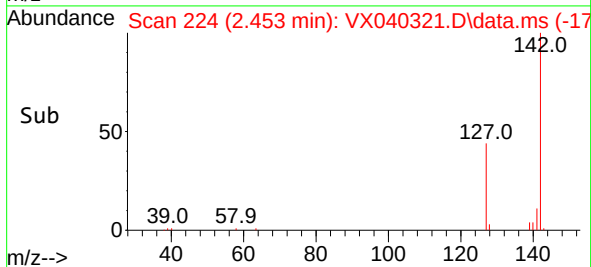
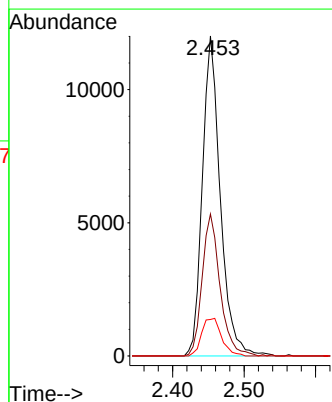
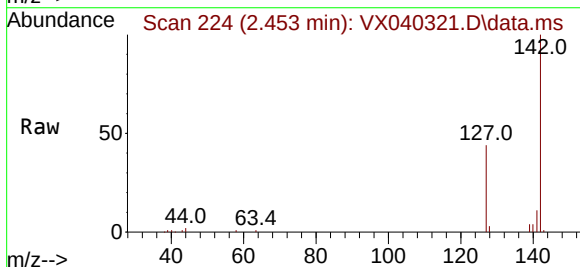
Manual Integrations
APPROVED

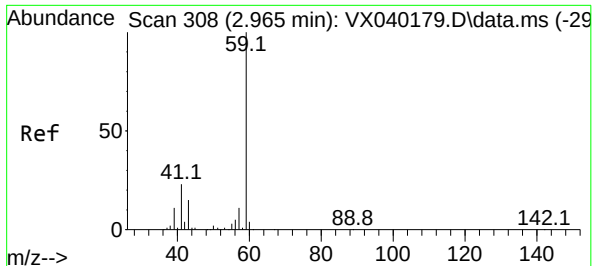
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#10
Methyl Iodide
Concen: 19.712 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

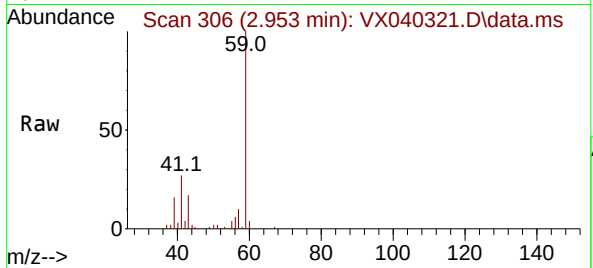
Tgt Ion:142 Resp: 20947
Ion Ratio Lower Upper
142 100
127 44.2 41.6 62.4
141 13.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 86.712 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

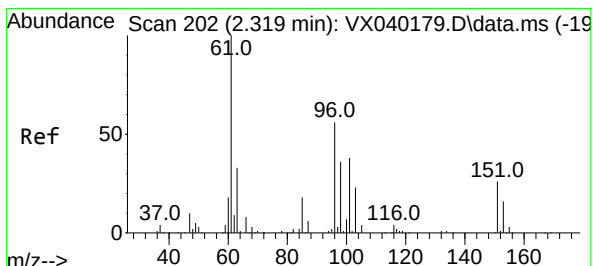
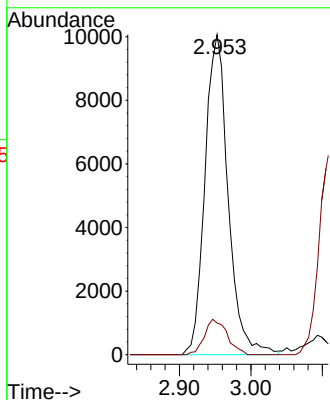
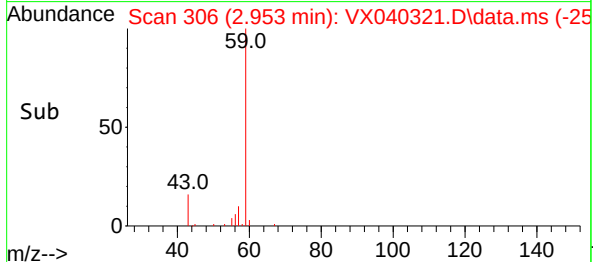
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



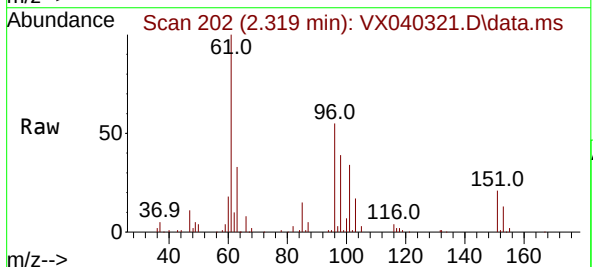
Tgt Ion: 59 Resp: 2268
Ion Ratio Lower Upper
59 100
57 10.8 6.0 9.0

Manual Integrations
APPROVED

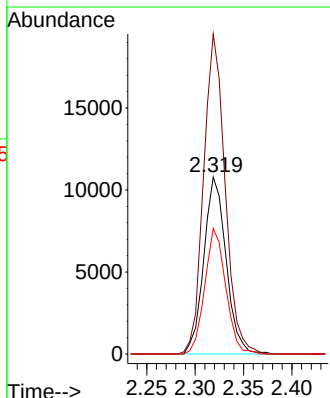
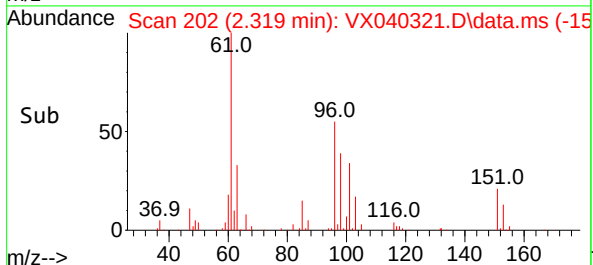
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

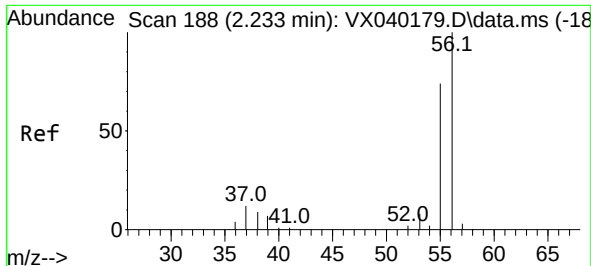


#12
1,1-Dichloroethene
Concen: 18.782 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26



Tgt Ion: 96 Resp: 17309
Ion Ratio Lower Upper
96 100
61 180.8 144.6 216.8
98 70.8 50.4 75.6





#13

Acrolein

Concen: 82.812 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion: 56 Resp: 1994

Ion Ratio Lower Upper

56 100

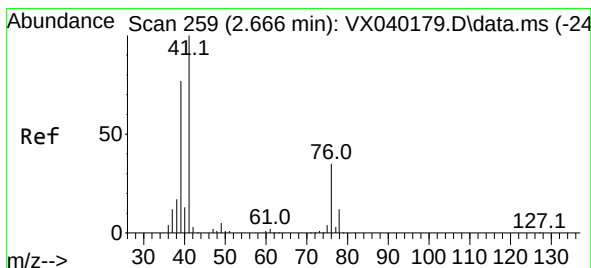
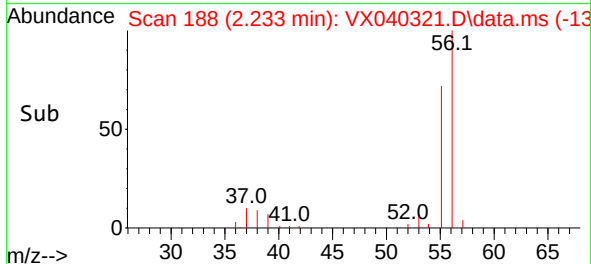
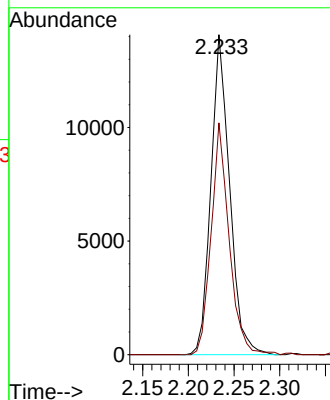
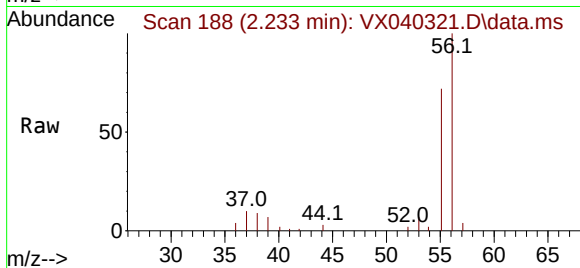
55 69.7 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#14

Allyl chloride

Concen: 20.896 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

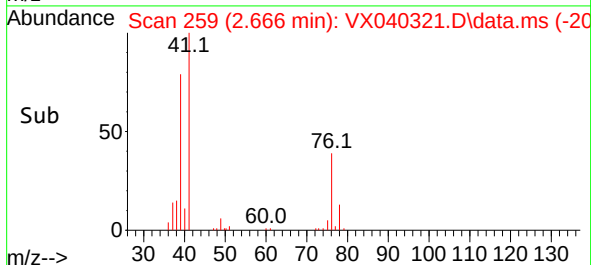
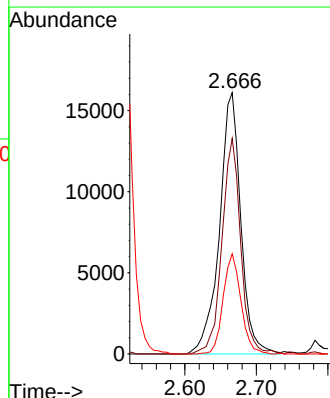
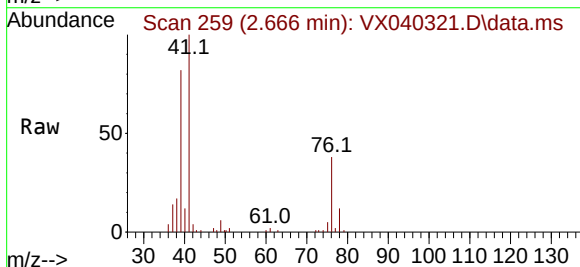
Tgt Ion: 41 Resp: 33420

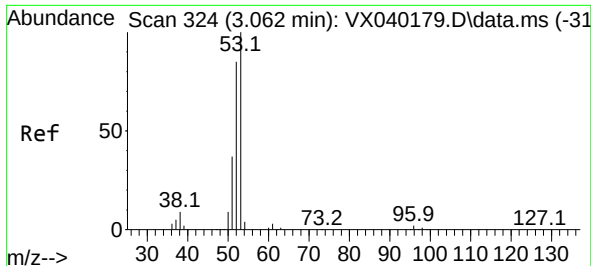
Ion Ratio Lower Upper

41 100

39 72.2 55.8 83.6

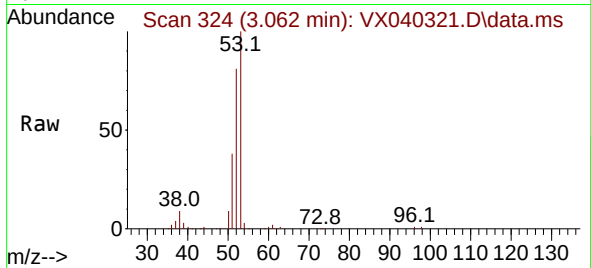
76 31.8 24.3 36.5





#15
Acrylonitrile
Concen: 108.329 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

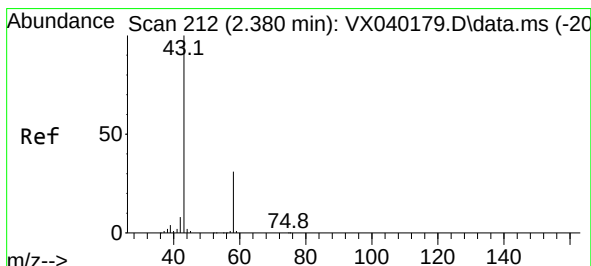
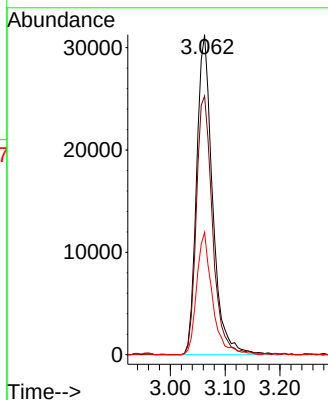
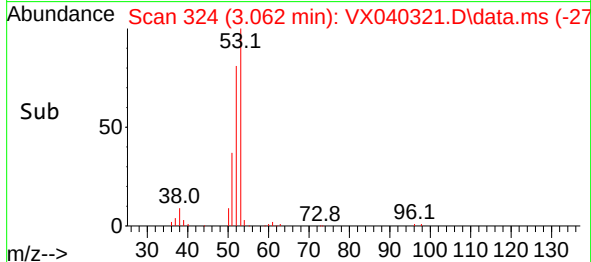
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 53 Resp: 6340
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 37.6 29.8 44.6

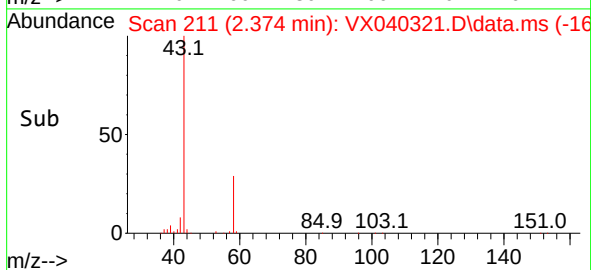
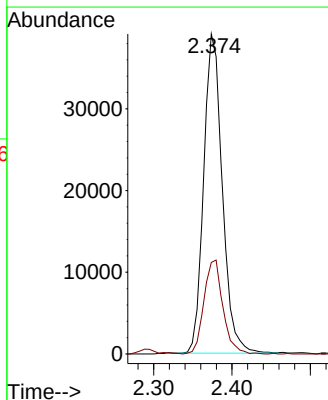
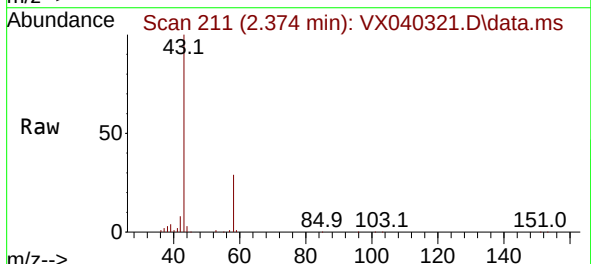
Manual Integrations
APPROVED

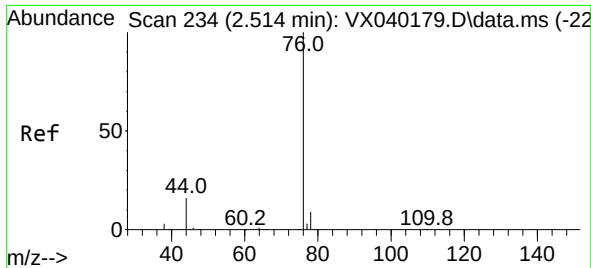
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#16
Acetone
Concen: 116.999 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Tgt Ion: 43 Resp: 64530
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9





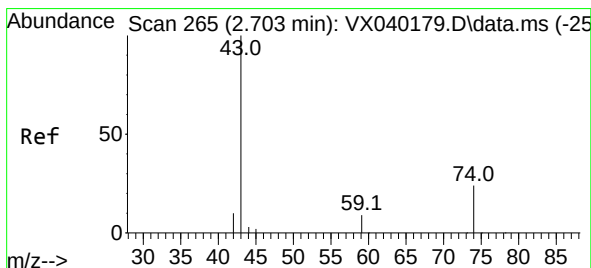
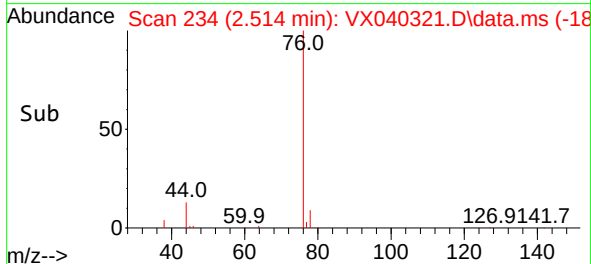
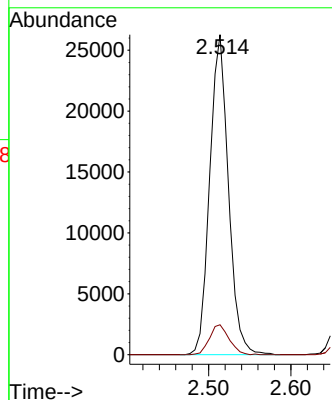
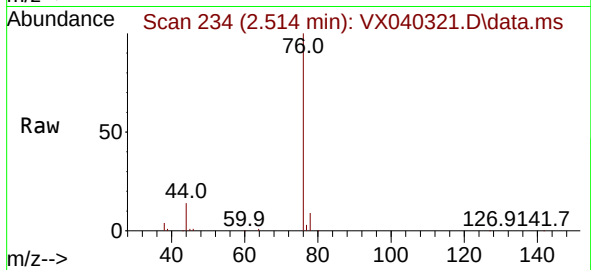
#17
Carbon Disulfide
Concen: 17.020 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 76 Resp: 4141
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

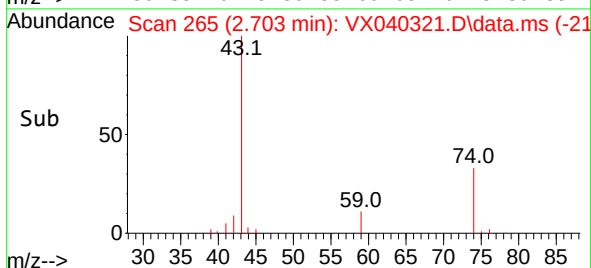
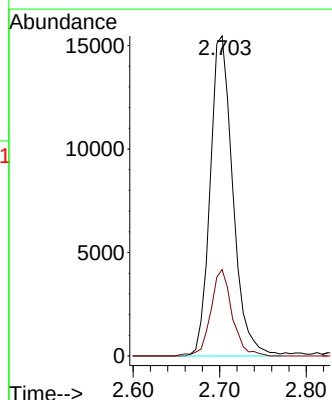
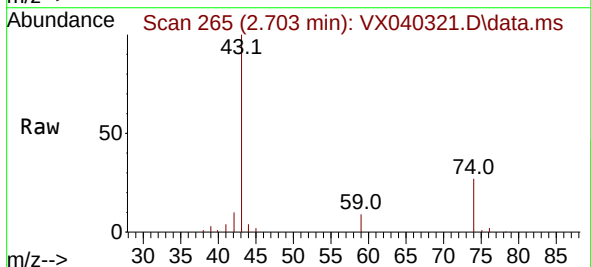
Manual Integrations
APPROVED

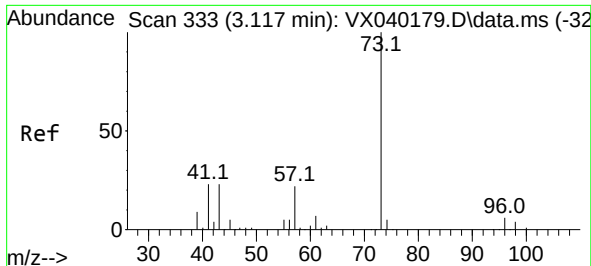
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#18
Methyl Acetate
Concen: 19.026 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Tgt Ion: 43 Resp: 28131
Ion Ratio Lower Upper
43 100
74 25.4 17.8 26.8





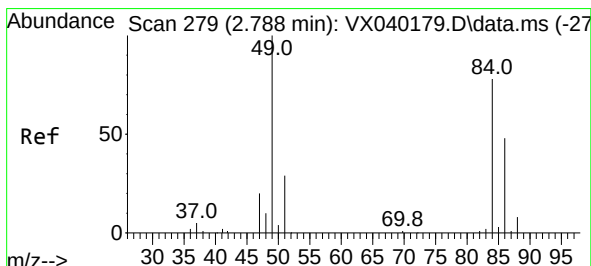
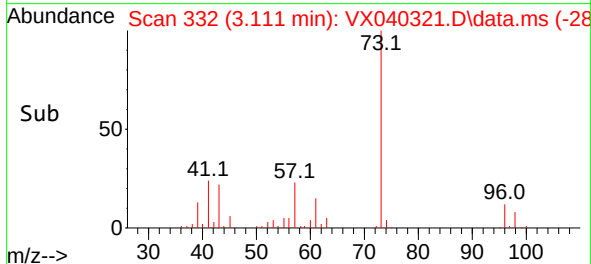
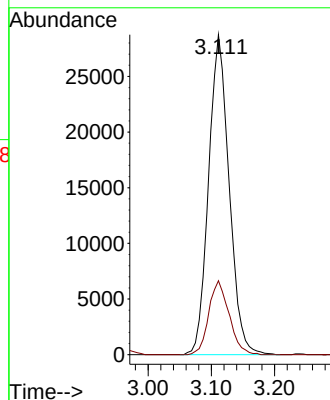
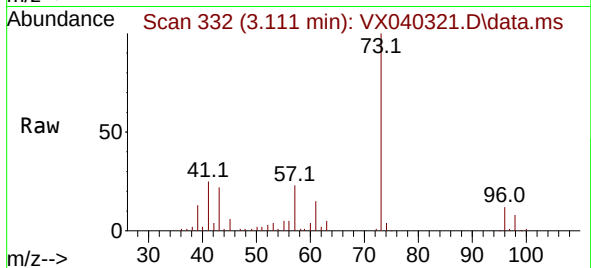
#19
Methyl tert-butyl Ether
Concen: 19.972 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 73 Resp: 6484
Ion Ratio Lower Upper
73 100
57 23.1 17.3 25.9

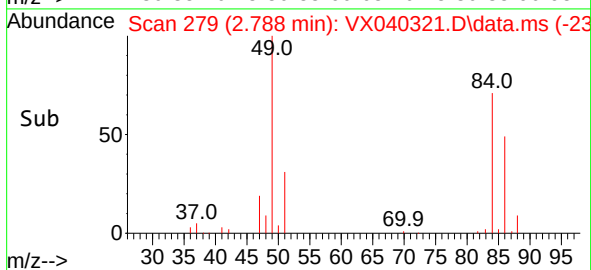
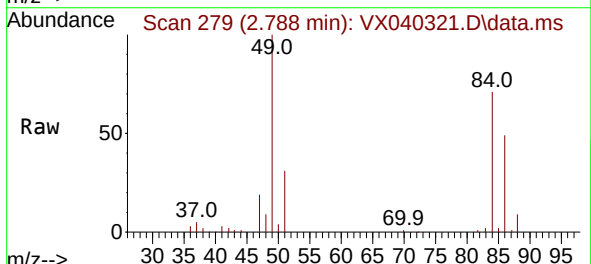
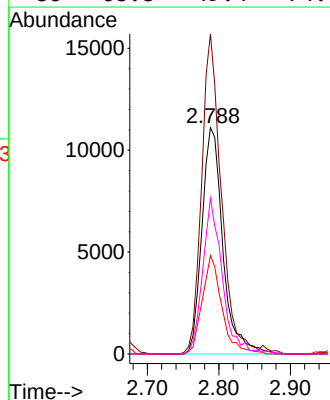
Manual Integrations
APPROVED

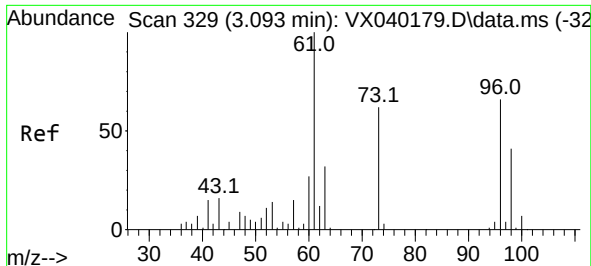
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#20
Methylene Chloride
Concen: 20.932 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

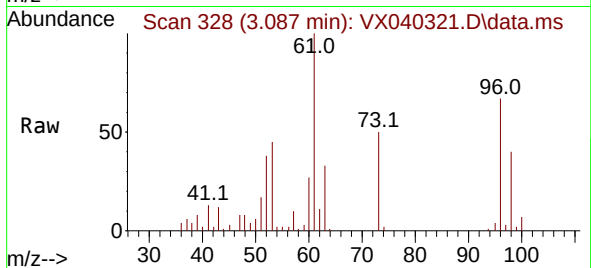
Tgt Ion: 84 Resp: 22602
Ion Ratio Lower Upper
84 100
49 141.4 103.6 155.4
51 43.5 33.8 50.6
86 68.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.253 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

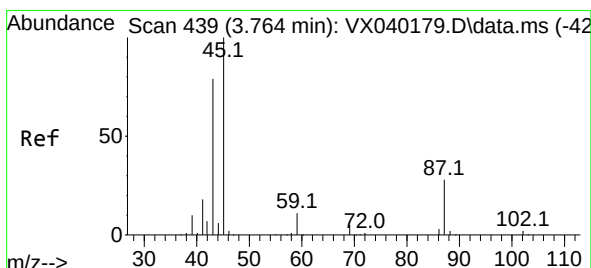
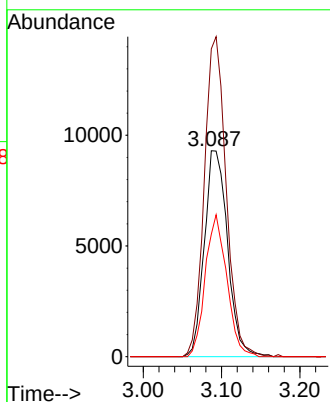
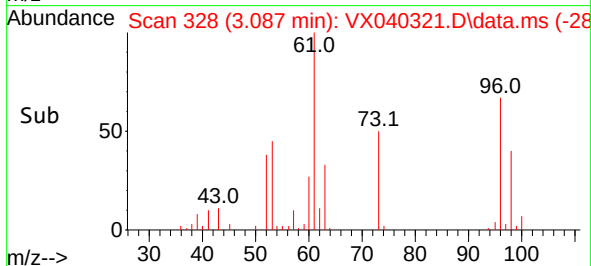
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



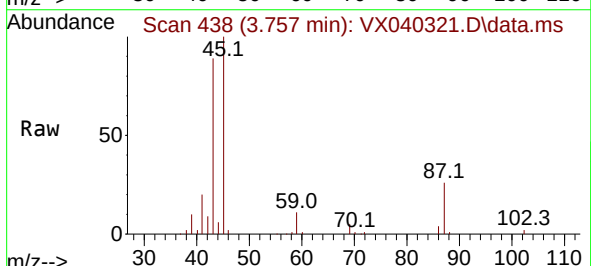
Tgt Ion: 96 Resp: 19158
Ion Ratio Lower Upper
96 100
61 149.4 119.2 178.8
98 59.4 48.7 73.1

Manual Integrations
APPROVED

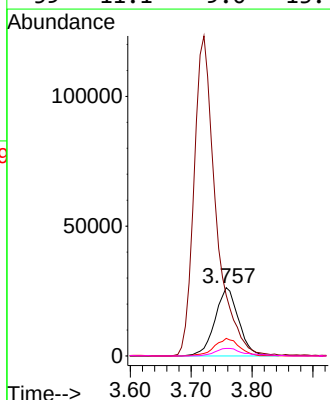
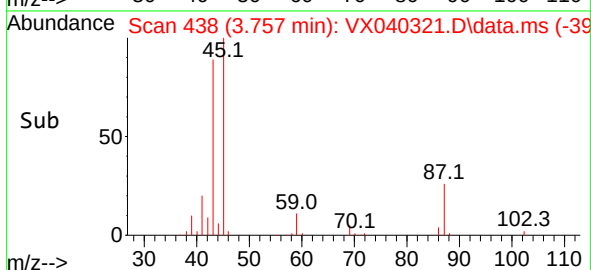
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

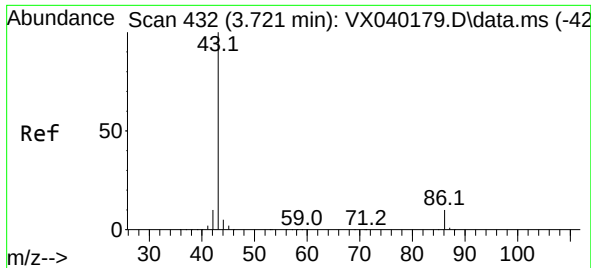


#22
Diisopropyl ether
Concen: 21.789 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26



Tgt Ion: 45 Resp: 70674
Ion Ratio Lower Upper
45 100
43 87.1 69.7 104.5
87 25.7 20.8 31.2
59 11.1 9.0 13.4





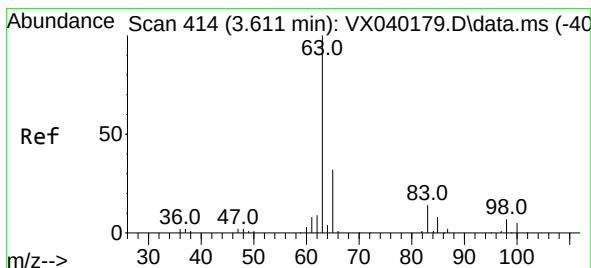
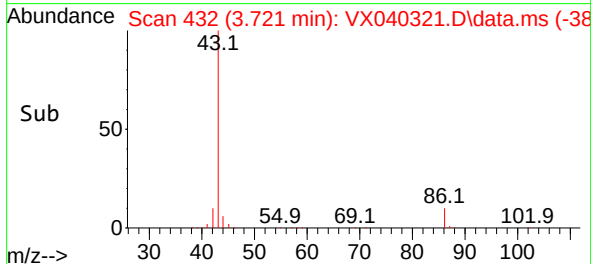
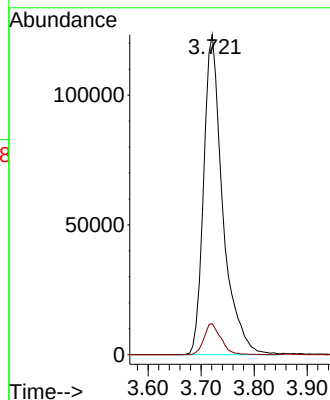
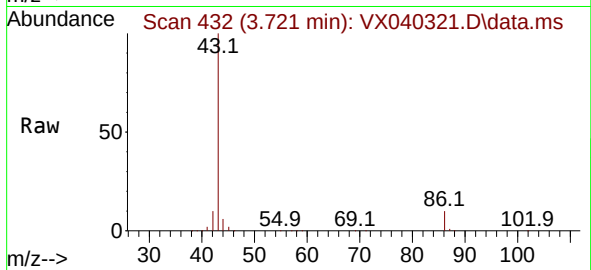
#23
 Vinyl Acetate
 Concen: 106.700 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040321.D
 Acq: 19 Feb 2024 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Tgt Ion: 43 Resp: 308519
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

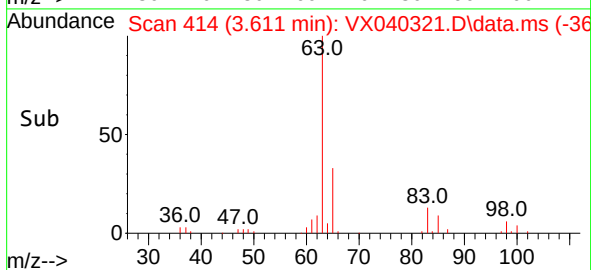
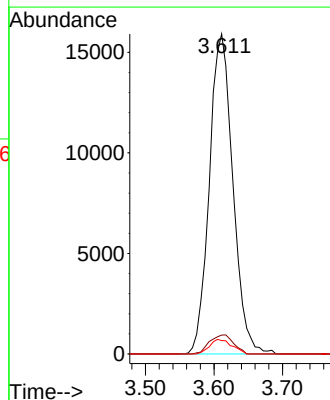
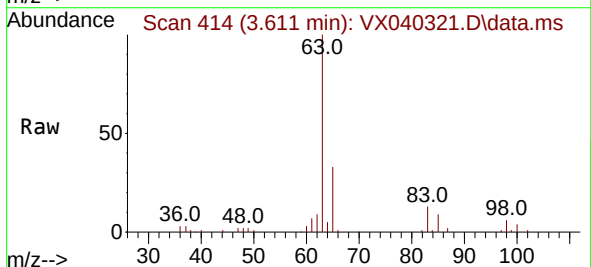
Manual Integrations
 APPROVED

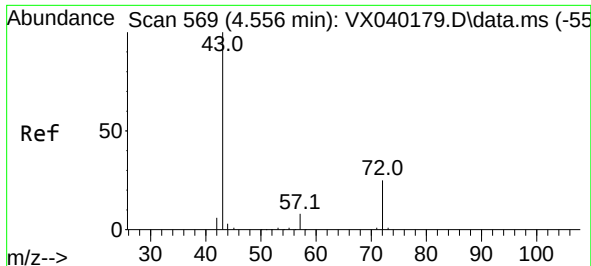
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#24
 1,1-Dichloroethane
 Concen: 20.096 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040321.D
 Acq: 19 Feb 2024 11:26

Tgt Ion: 63 Resp: 37968
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 4.2 2.1 6.5





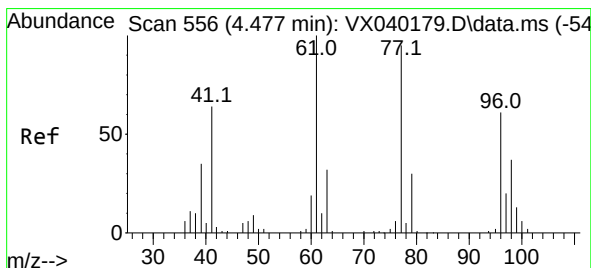
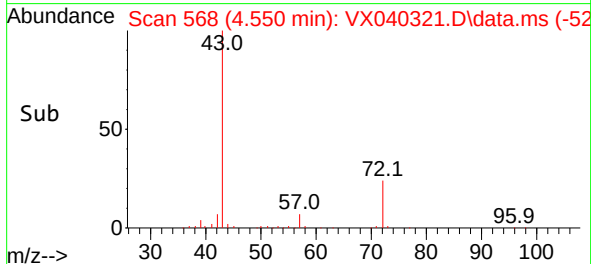
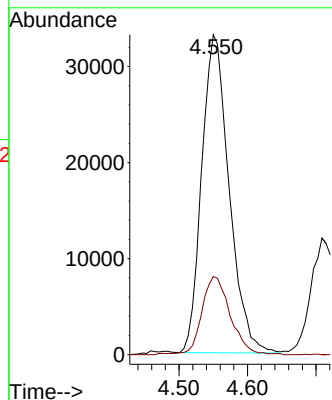
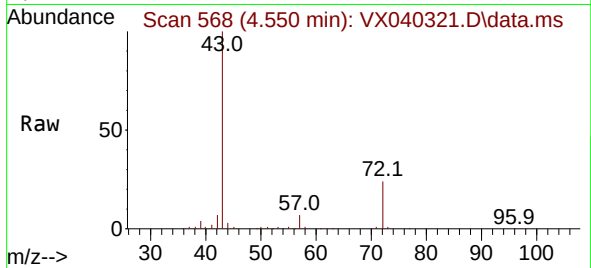
#25
2-Butanone
Concen: 106.900 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 43 Resp: 92162
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.2

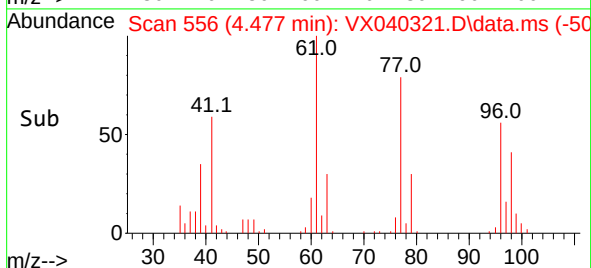
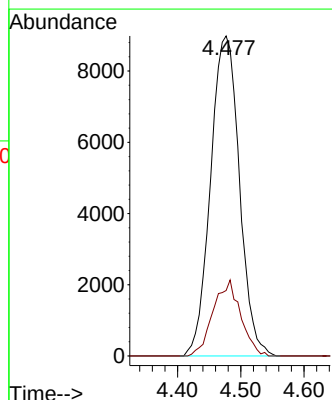
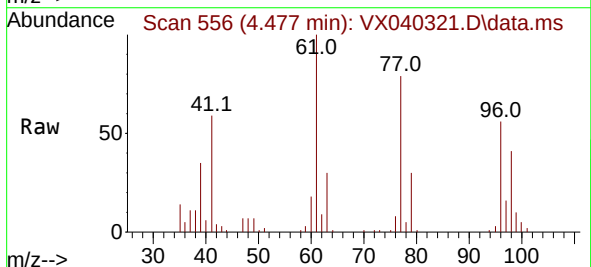
Manual Integrations
APPROVED

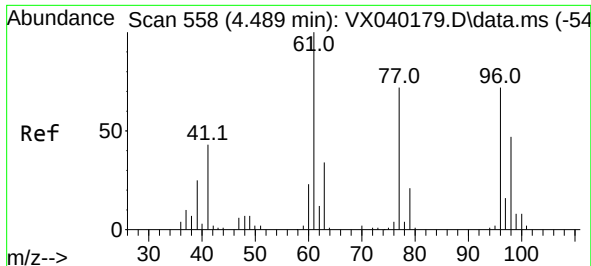
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#26
2,2-Dichloropropane
Concen: 19.553 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Tgt Ion: 77 Resp: 28439
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.218 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion: 96 Resp: 2301

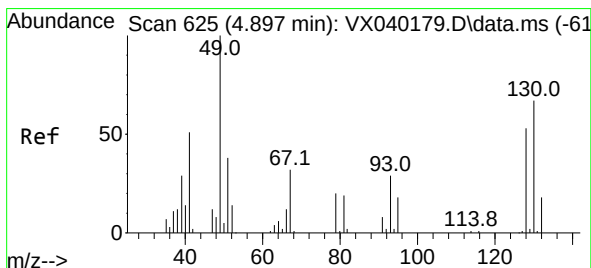
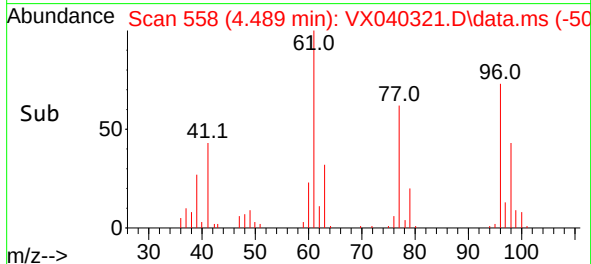
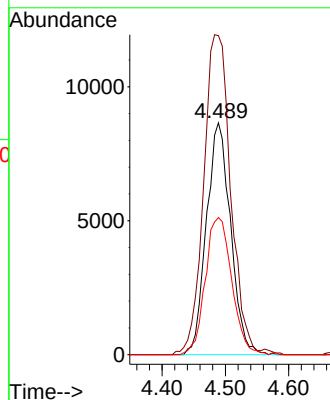
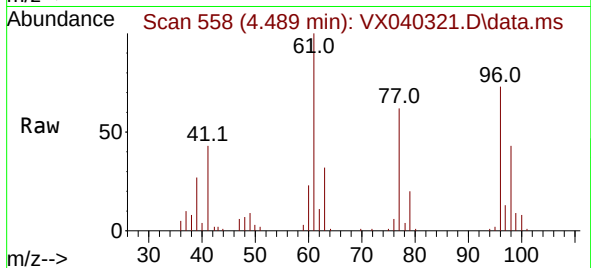
Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	312.2
98	64.7	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#28

Bromochloromethane

Concen: 23.172 ug/l

RT: 4.891 min Scan# 624

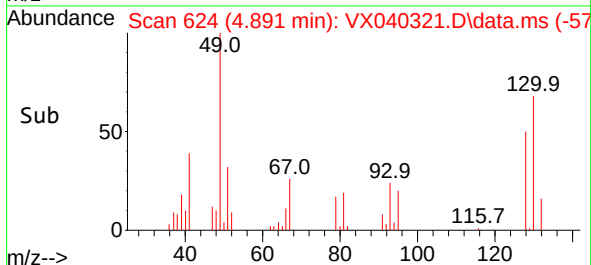
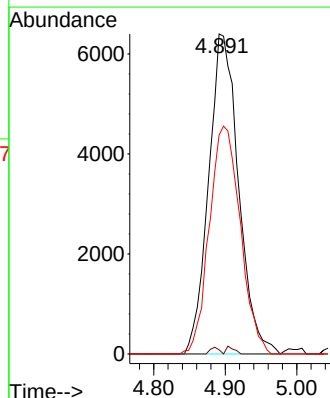
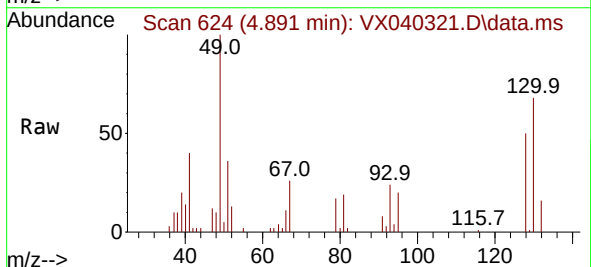
Delta R.T. -0.006 min

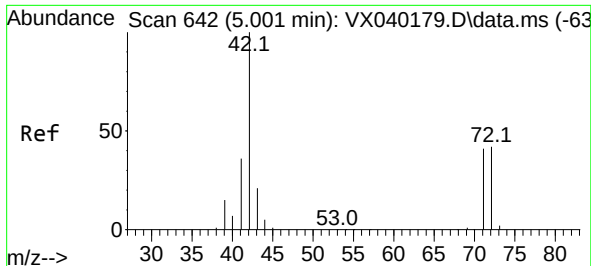
Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Tgt Ion: 49 Resp: 18588

Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	3.8
130	0.0	57.5	86.3#





#29

Tetrahydrofuran

Concen: 103.289 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

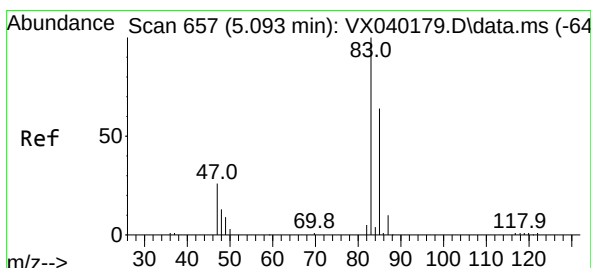
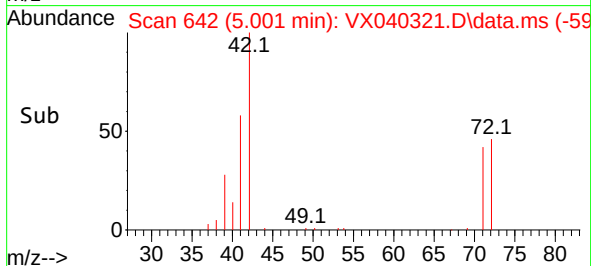
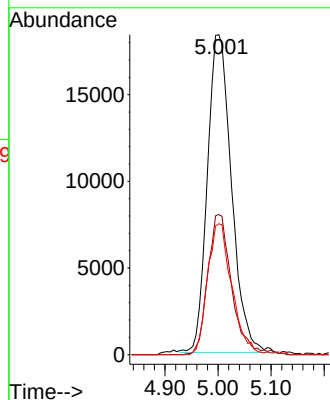
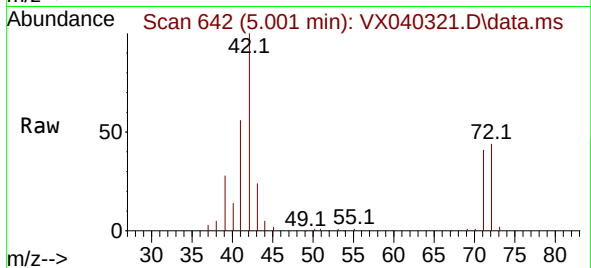
Tgt Ion:	42	Resp:	5801
Ion Ratio	Lower	Upper	
42	100		
72	43.8	34.2	51.4
71	41.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#30

Chloroform

Concen: 19.884 ug/l

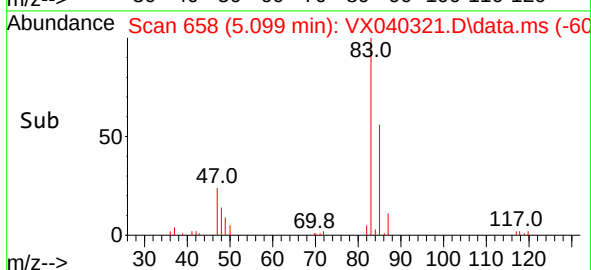
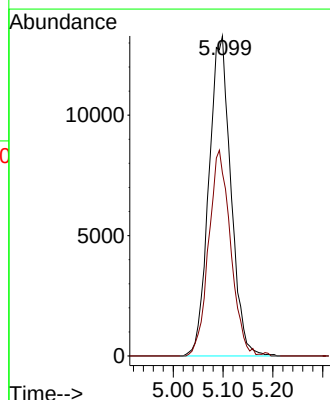
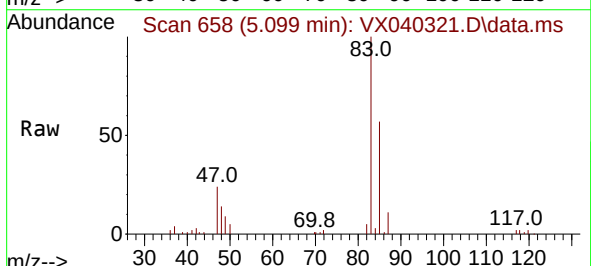
RT: 5.099 min Scan# 658

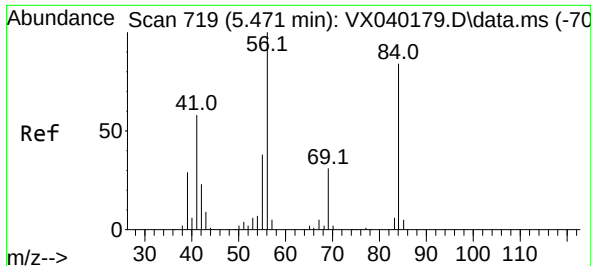
Delta R.T. 0.000 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

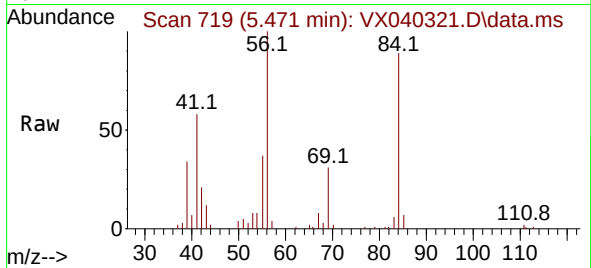
Tgt Ion:	83	Resp:	40619
Ion Ratio	Lower	Upper	
83	100		
85	57.1	50.3	75.5





#31
Cyclohexane
Concen: 19.108 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

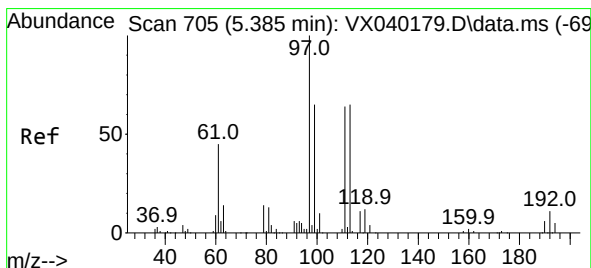
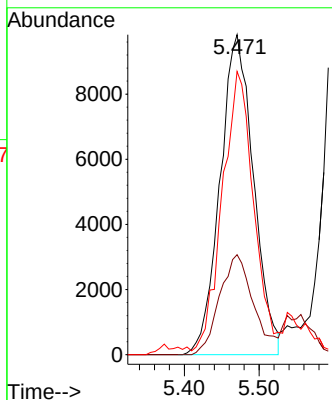
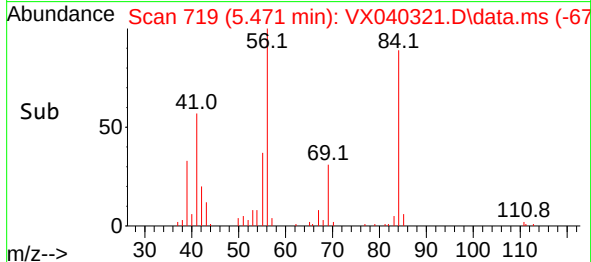
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 56 Resp: 30600
Ion Ratio Lower Upper
56 100
69 31.3 23.4 35.2
84 86.2 65.9 98.9

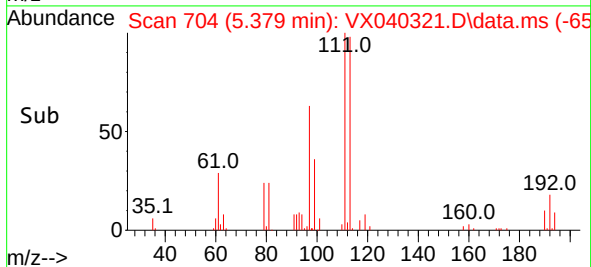
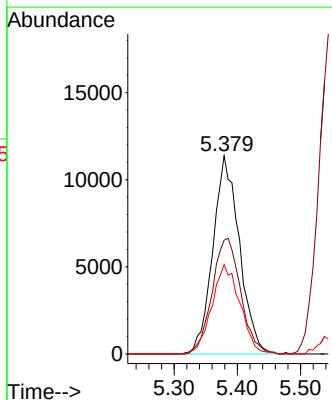
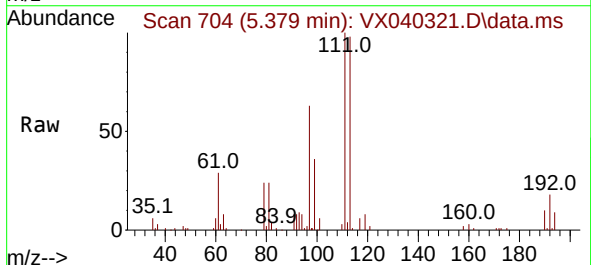
Manual Integrations
APPROVED

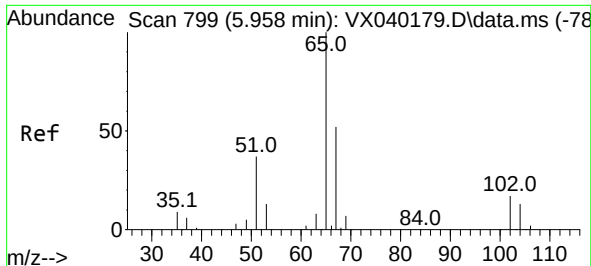
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#32
1,1,1-Trichloroethane
Concen: 19.252 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Tgt Ion: 97 Resp: 33084
Ion Ratio Lower Upper
97 100
99 62.5 51.1 76.7
61 47.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 52.141 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion: 65 Resp: 70020

Ion Ratio Lower Upper

65 100

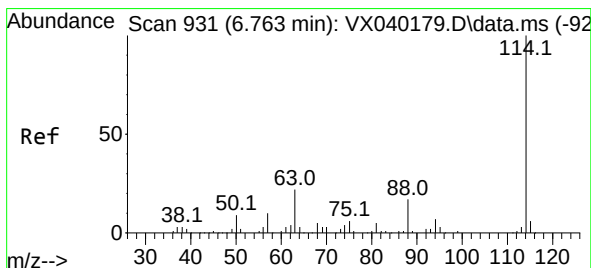
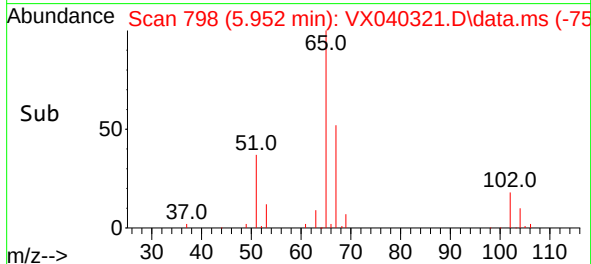
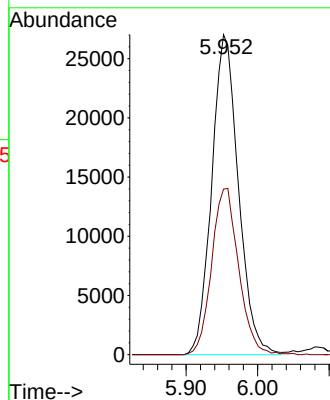
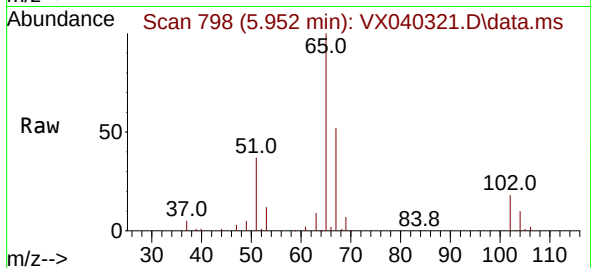
67 52.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

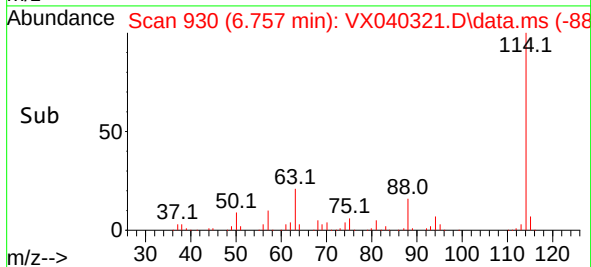
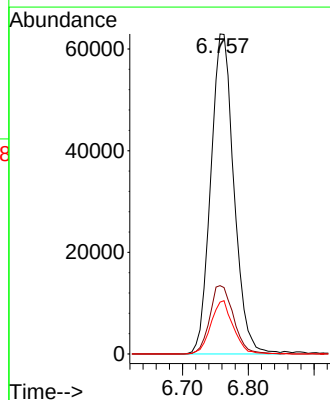
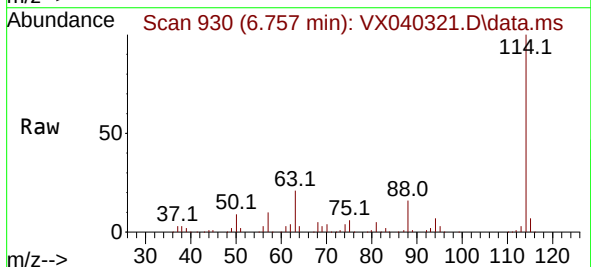
Tgt Ion:114 Resp: 154264

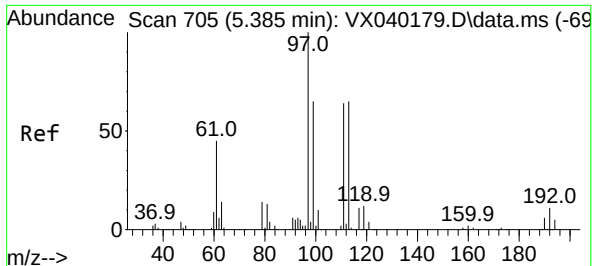
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

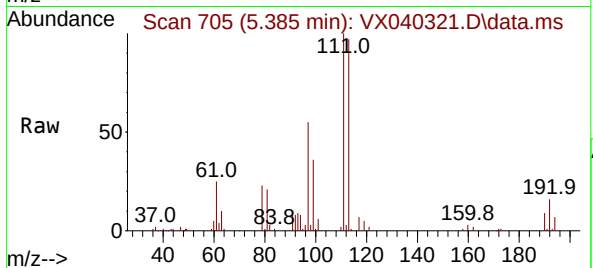
88 16.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.669 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

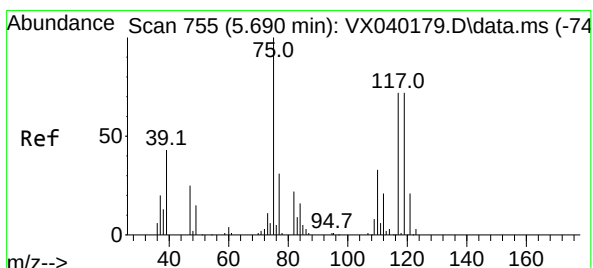
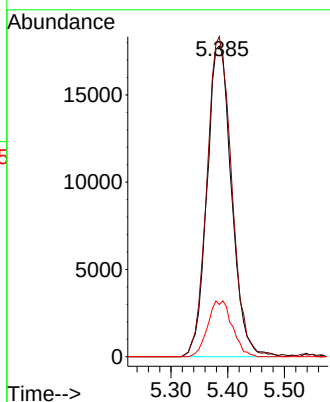
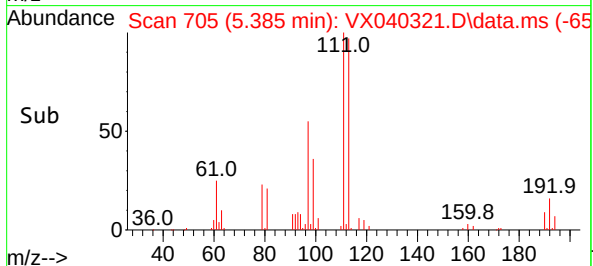
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion:113 Resp: 53508
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 17.9 13.3 19.9

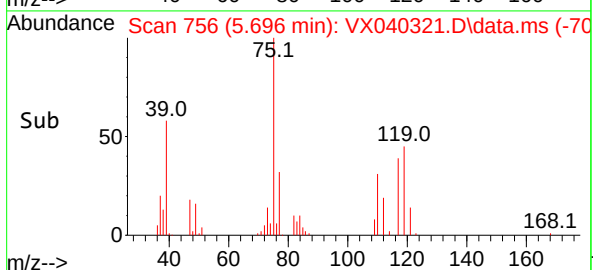
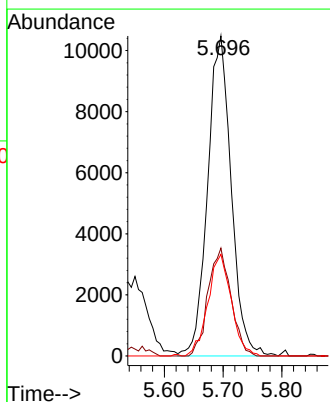
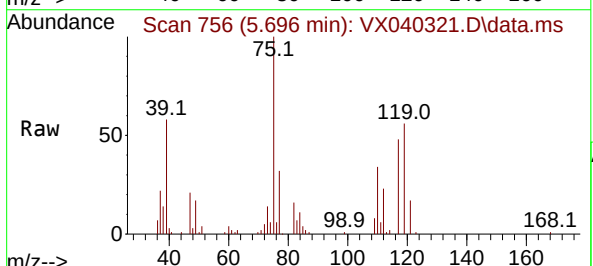
Manual Integrations
APPROVED

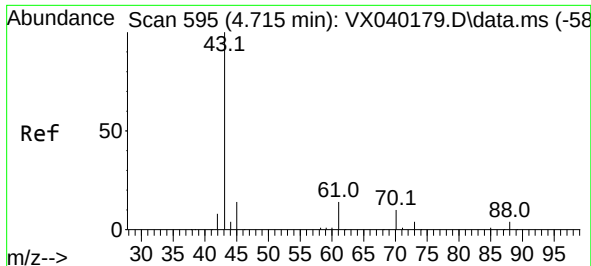
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#36
1,1-Dichloropropene
Concen: 19.374 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Tgt Ion: 75 Resp: 29238
Ion Ratio Lower Upper
75 100
110 32.7 17.0 50.9
77 31.4 24.7 37.1





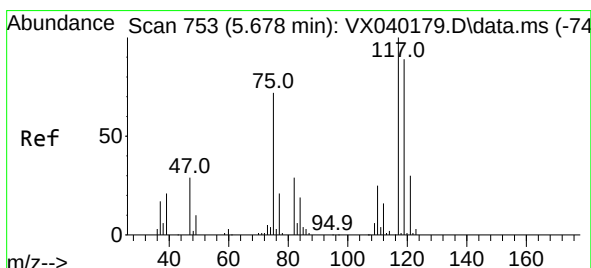
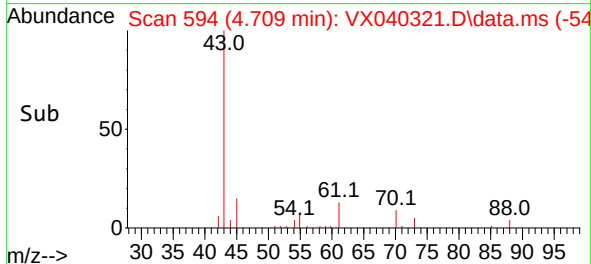
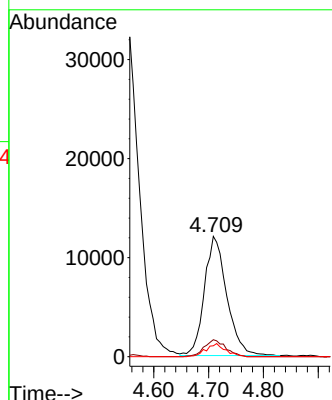
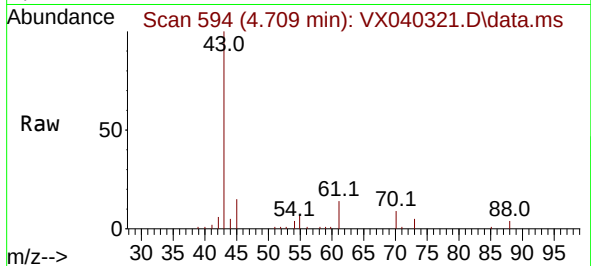
#37
Ethyl Acetate
Concen: 20.345 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 43 Resp: 3416
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 9.6 8.3 12.5

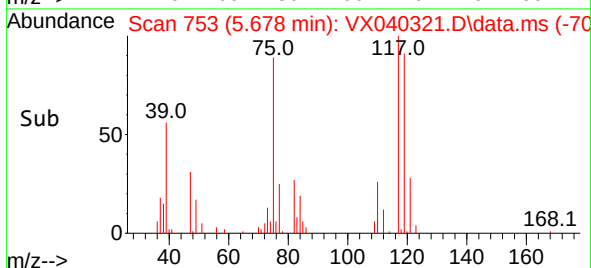
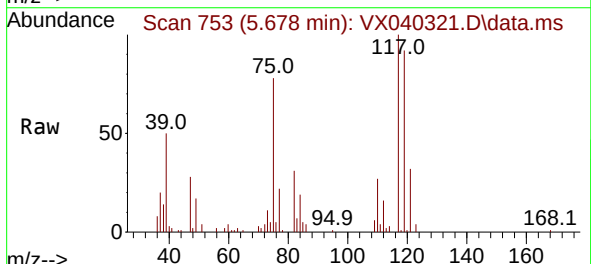
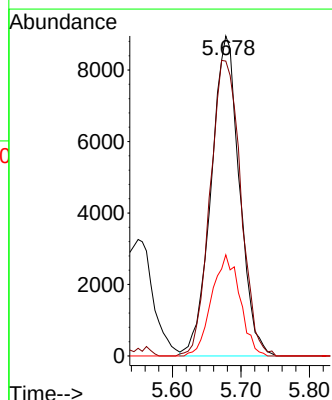
Manual Integrations
APPROVED

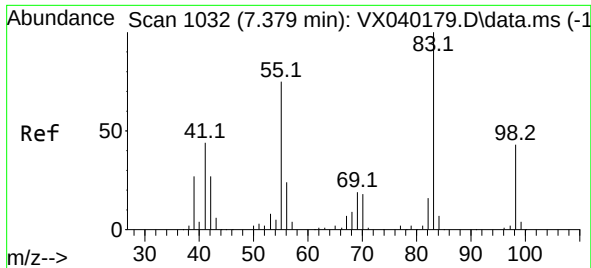
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#38
Carbon Tetrachloride
Concen: 17.926 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

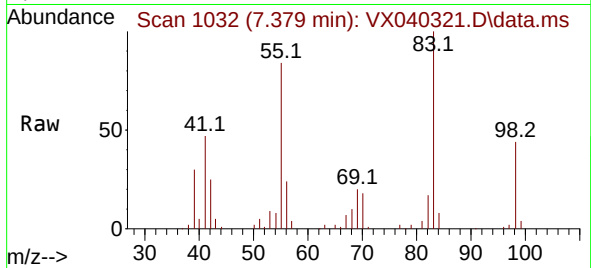
Tgt Ion:117 Resp: 25722
Ion Ratio Lower Upper
117 100
119 92.1 78.2 117.2
121 31.6 24.4 36.6





#39
Methylcyclohexane
Concen: 17.665 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

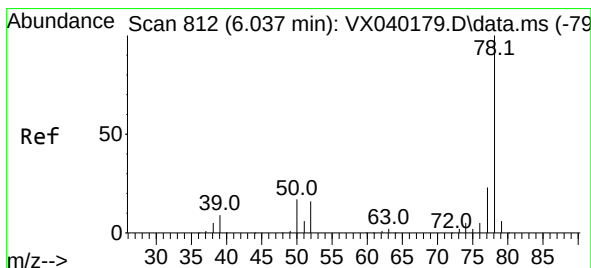
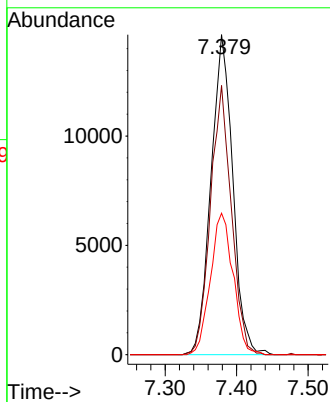
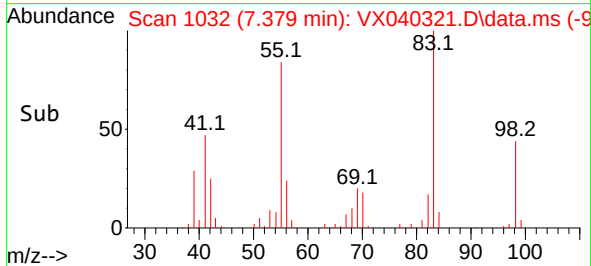
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 83 Resp: 3098
Ion Ratio Lower Upper
83 100
55 84.1 64.6 97.0
98 44.2 36.7 55.1

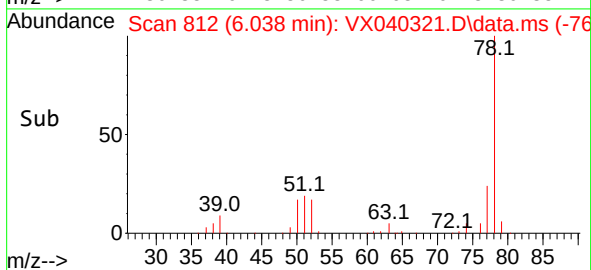
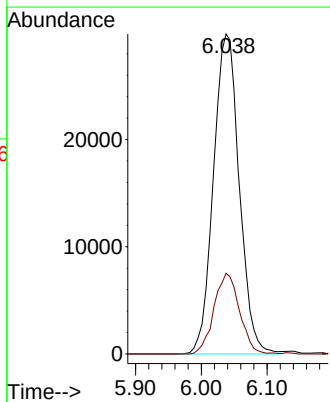
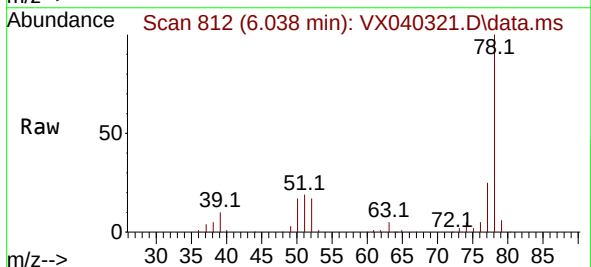
Manual Integrations
APPROVED

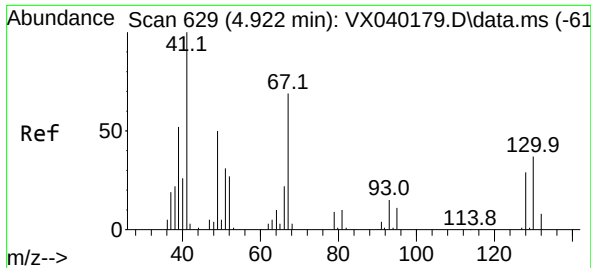
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#40
Benzene
Concen: 19.294 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

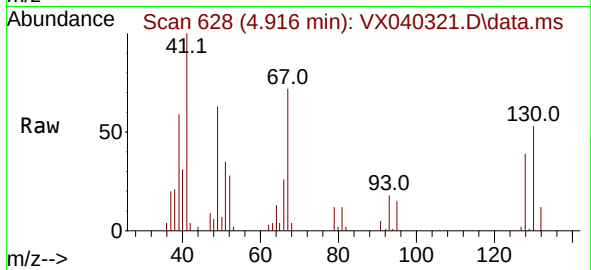
Tgt Ion: 78 Resp: 81423
Ion Ratio Lower Upper
78 100
77 25.2 19.3 28.9





#41
Methacrylonitrile
Concen: 21.279 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

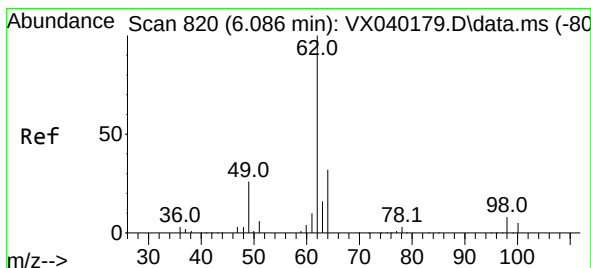
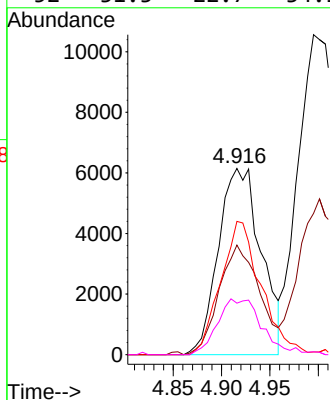
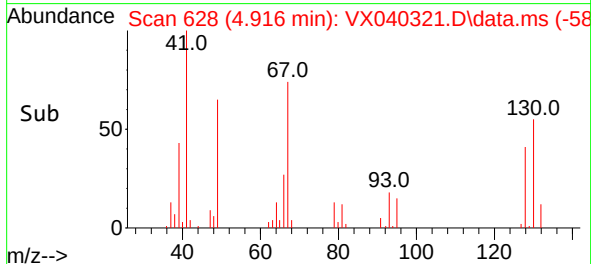
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 41 Resp: 1894
Ion Ratio Lower Upper
41 100
39 55.7 45.2 67.8
67 67.5 52.6 78.8
52 31.3 22.7 34.1

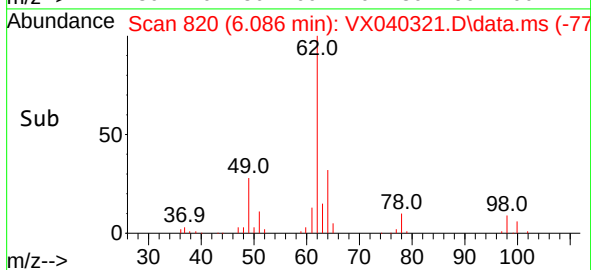
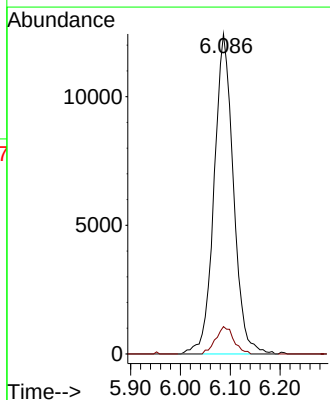
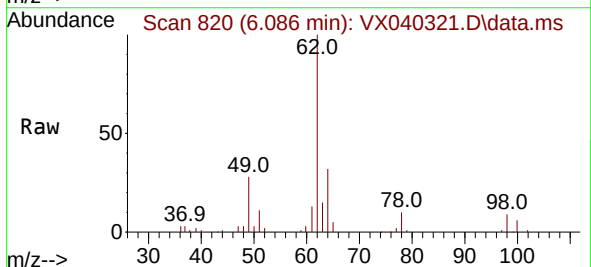
Manual Integrations
APPROVED

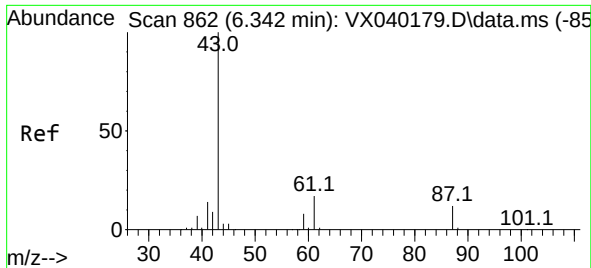
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#42
1,2-Dichloroethane
Concen: 20.298 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Tgt Ion: 62 Resp: 33482
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 20.180 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

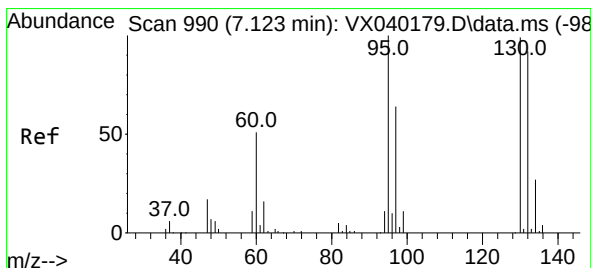
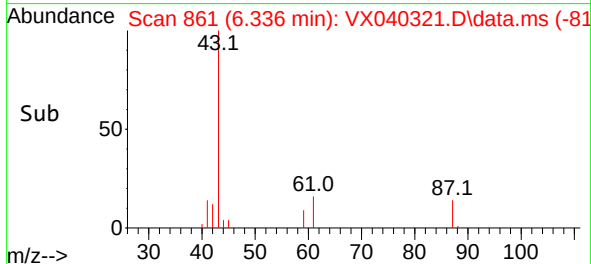
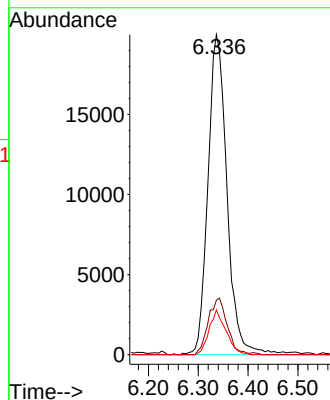
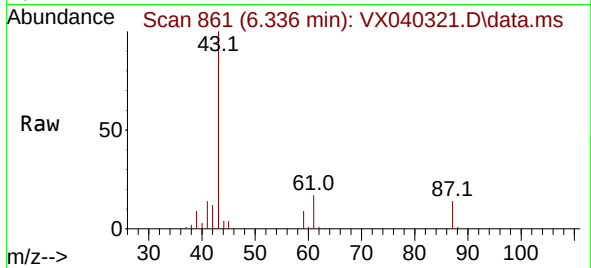
Tgt Ion: 43	Resp: 5289
Ion Ratio	Lower Upper
43 100	
61 17.6	15.2 22.8
87 12.4	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#44

Trichloroethene

Concen: 18.559 ug/l

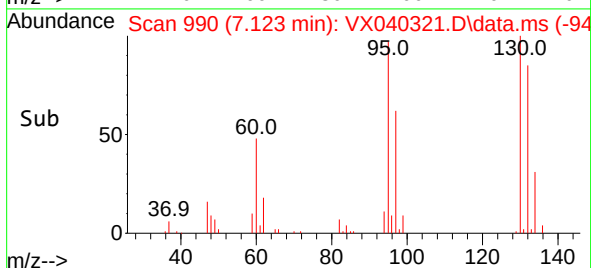
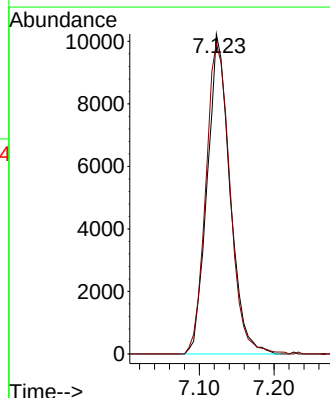
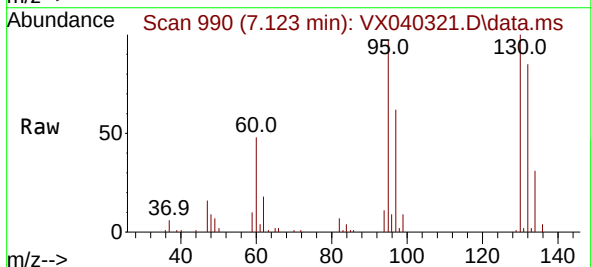
RT: 7.123 min Scan# 990

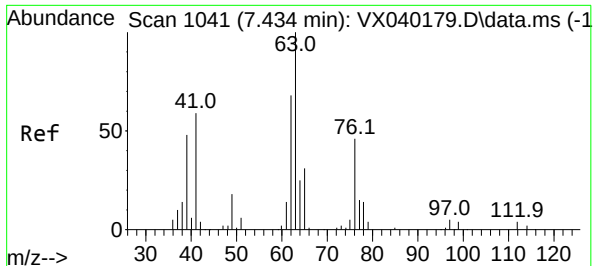
Delta R.T. -0.006 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Tgt Ion:130	Resp: 21604
Ion Ratio	Lower Upper
130 100	
95 97.0	0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.447 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion: 63 Resp: 22460

Ion Ratio Lower Upper

63 100

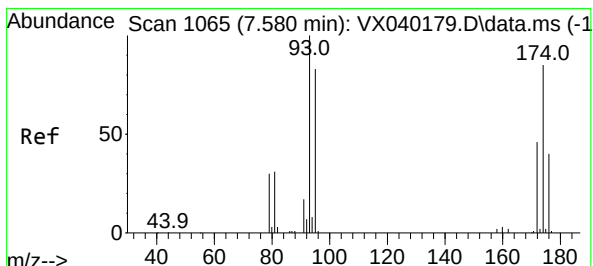
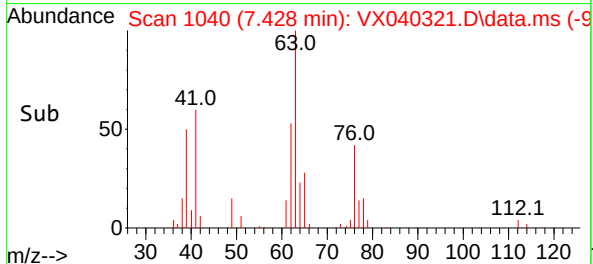
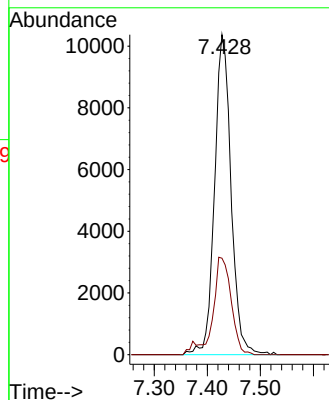
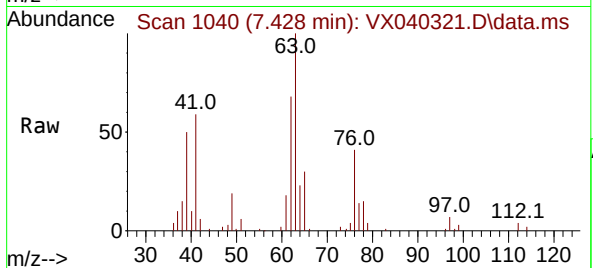
65 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#46

Dibromomethane

Concen: 19.983 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

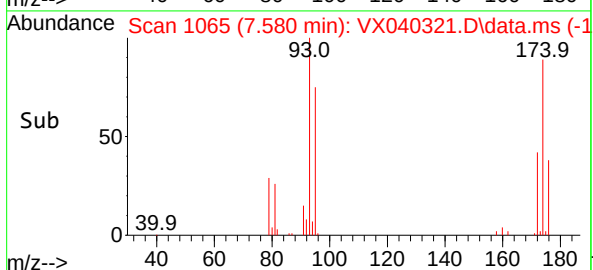
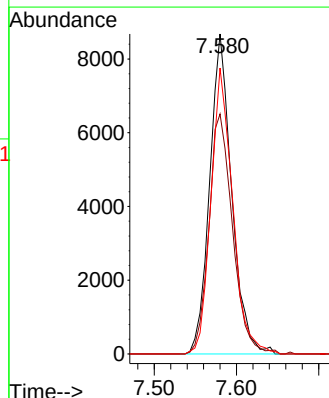
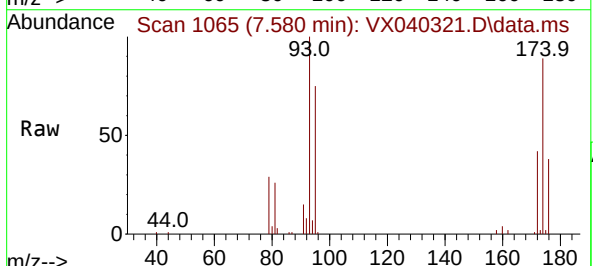
Tgt Ion: 93 Resp: 16166

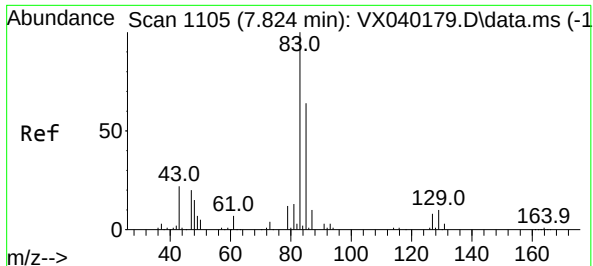
Ion Ratio Lower Upper

93 100

95 80.4 66.6 100.0

174 88.2 69.4 104.0





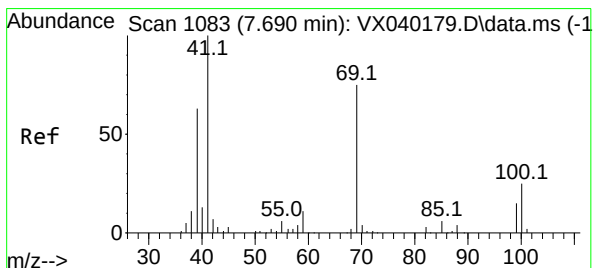
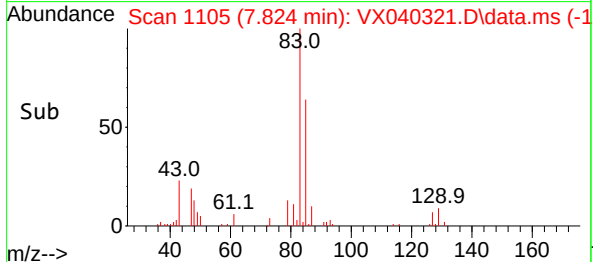
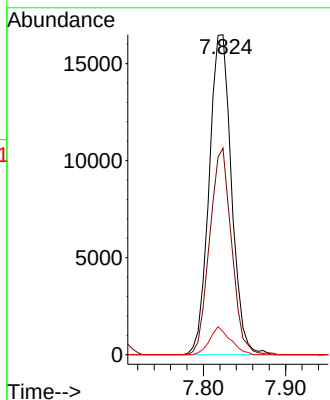
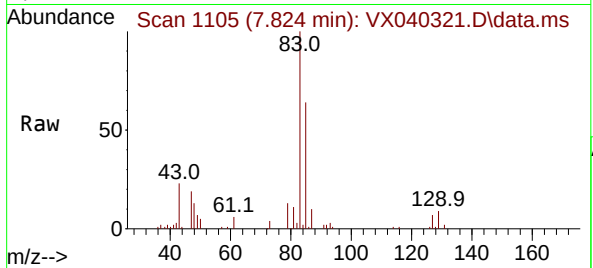
#47
Bromodichloromethane
Concen: 19.982 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 83 Resp: 31148
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 7.2 7.1 10.7

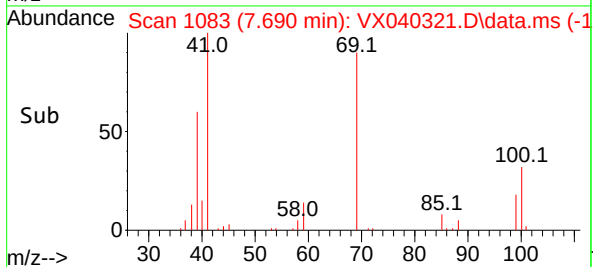
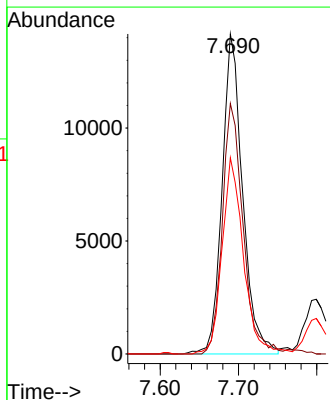
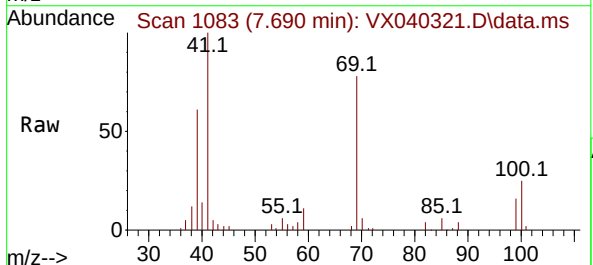
Manual Integrations
APPROVED

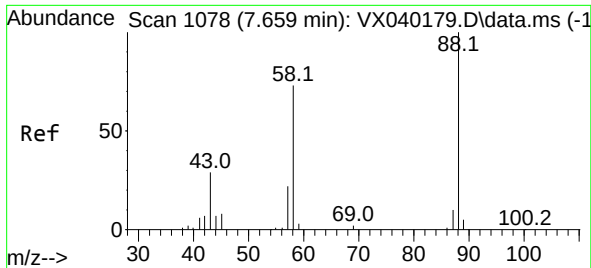
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#48
Methyl methacrylate
Concen: 19.256 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Tgt Ion: 41 Resp: 25827
Ion Ratio Lower Upper
41 100
69 78.7 59.2 88.8
39 63.9 47.7 71.5





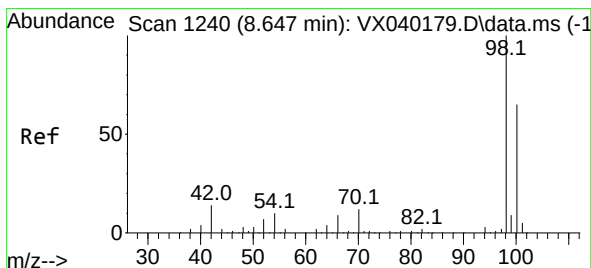
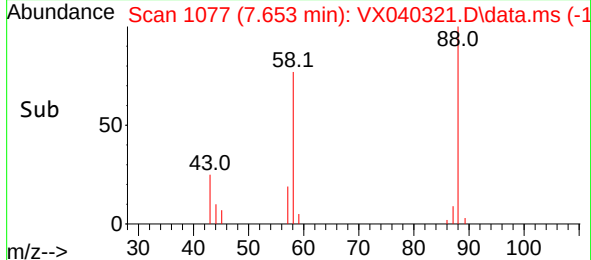
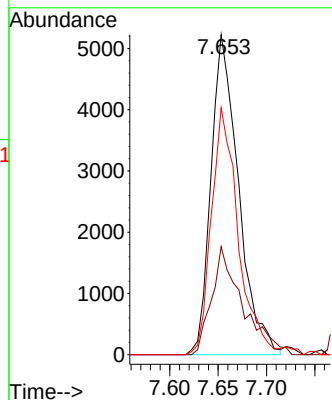
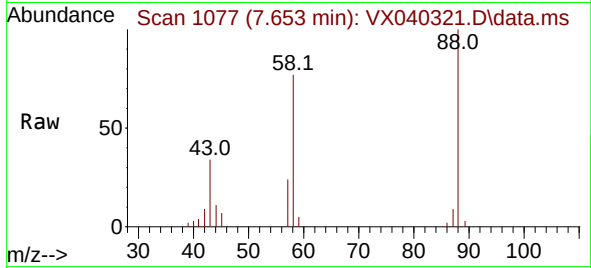
#49
1,4-Dioxane
Concen: 354.230 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 88 Resp: 10330
Ion Ratio Lower Upper
88 100
43 38.0 0.0 0.0
58 74.9 60.1 90.1

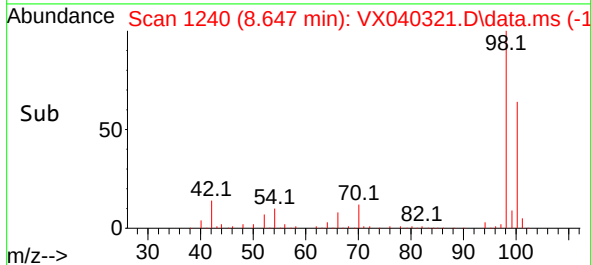
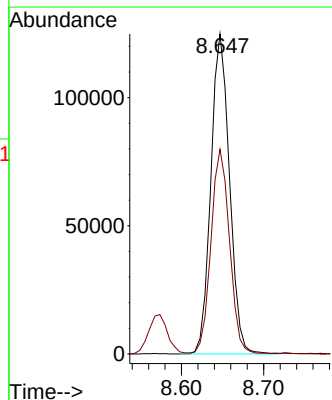
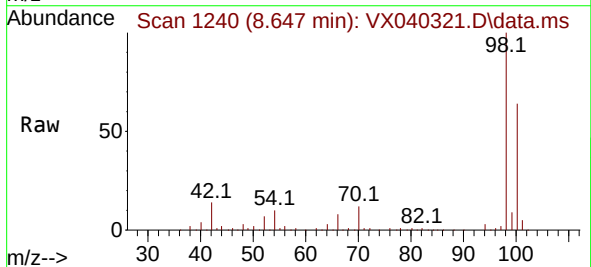
Manual Integrations
APPROVED

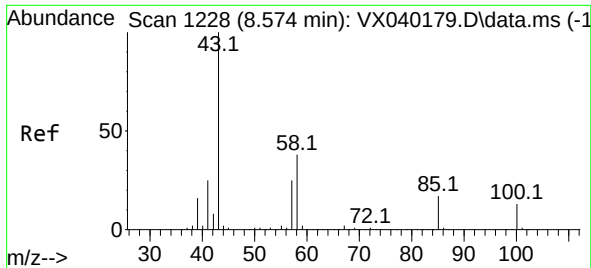
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#50
Toluene-d8
Concen: 48.750 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Tgt Ion: 98 Resp: 196456
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7





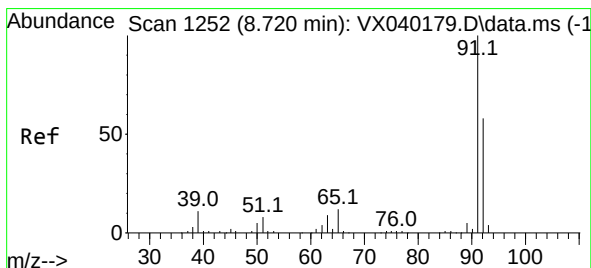
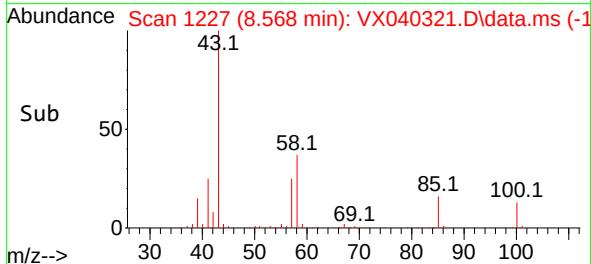
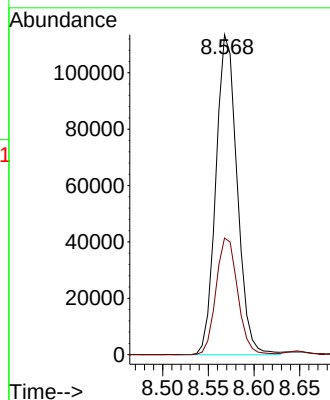
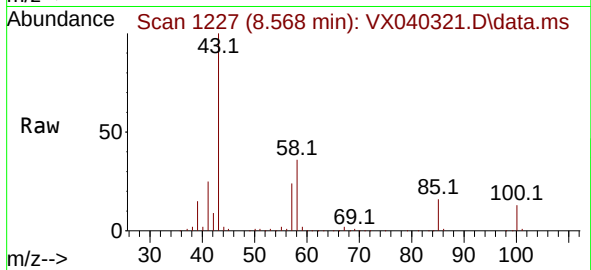
#51
4-Methyl-2-Pentanone
Concen: 102.590 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 43 Resp: 18360
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6

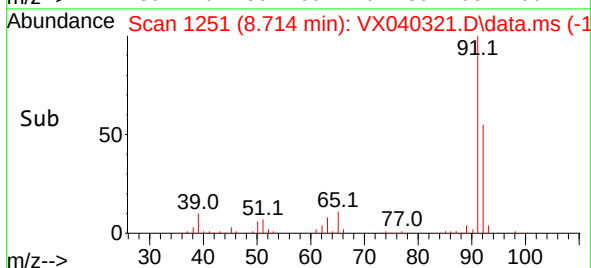
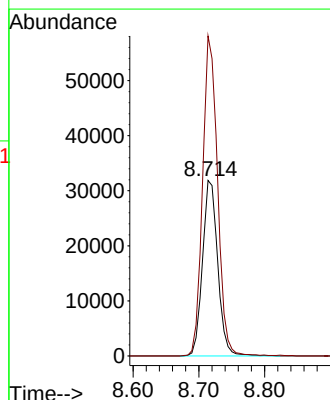
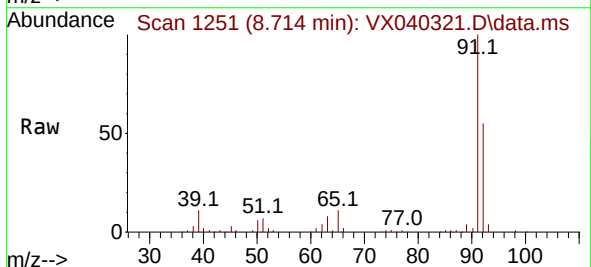
Manual Integrations
APPROVED

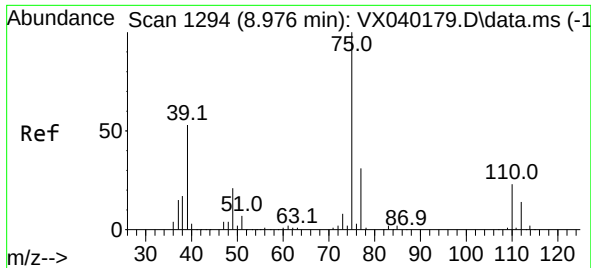
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#52
Toluene
Concen: 18.569 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

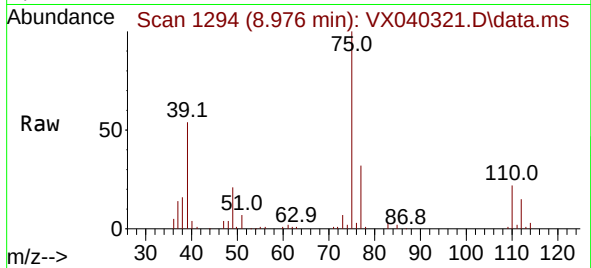
Tgt Ion: 92 Resp: 51330
Ion Ratio Lower Upper
92 100
91 179.0 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 17.601 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

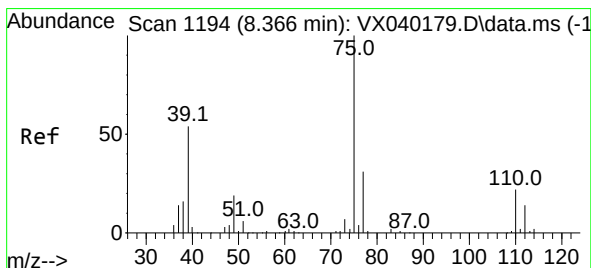
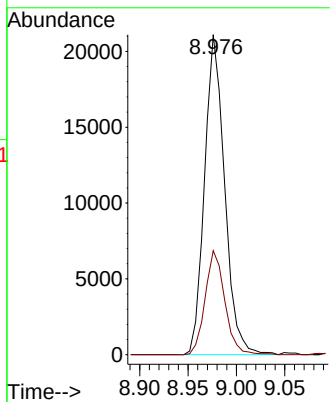
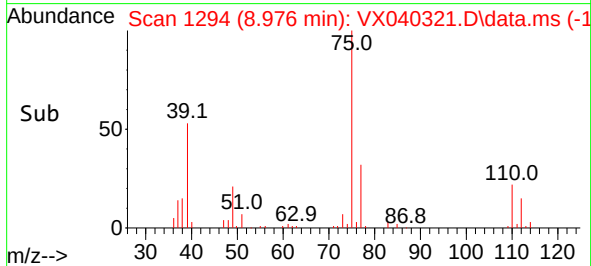
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



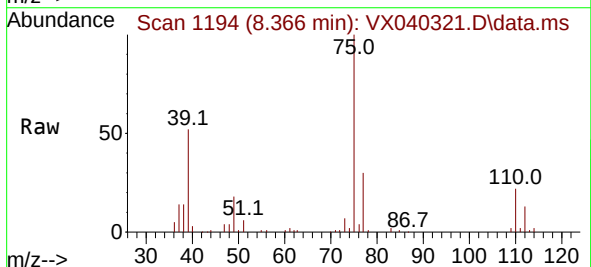
Tgt Ion: 75 Resp: 3050
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5

Manual Integrations
APPROVED

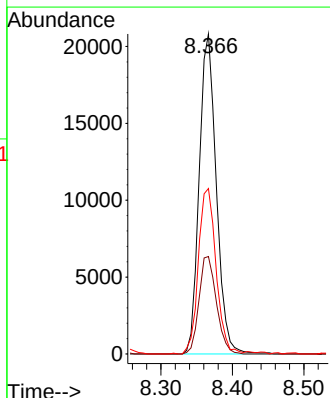
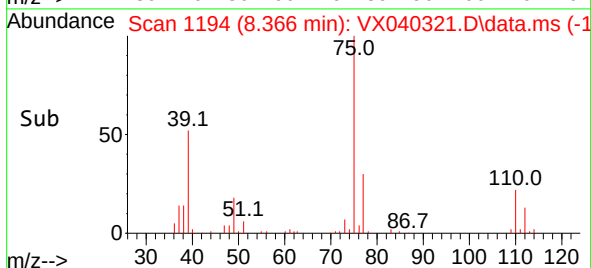
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

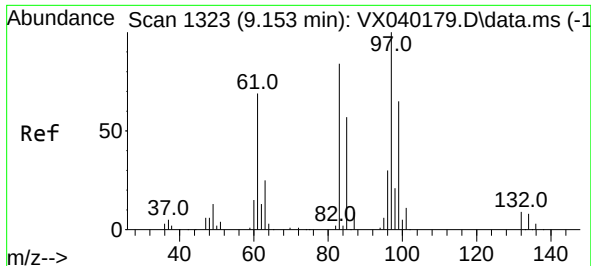


#54
cis-1,3-Dichloropropene
Concen: 19.756 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26



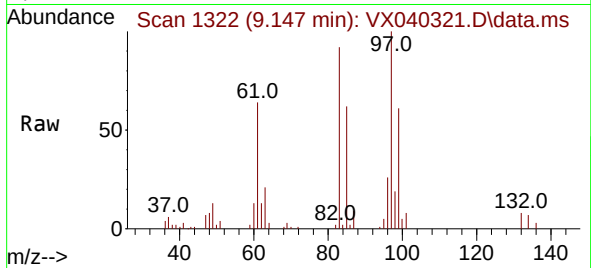
Tgt Ion: 75 Resp: 34512
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9
39 51.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 18.899 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

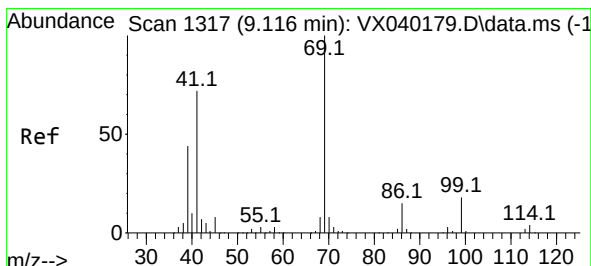
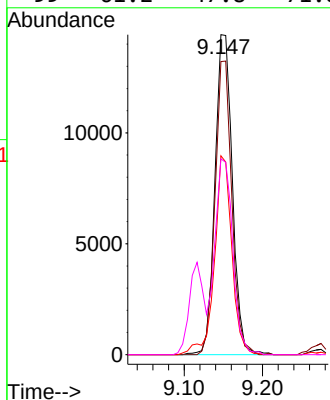
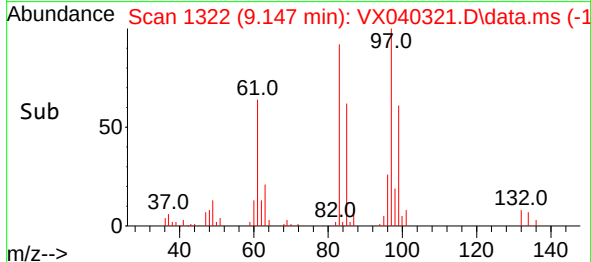


Tgt Ion: 97 Resp: 2228

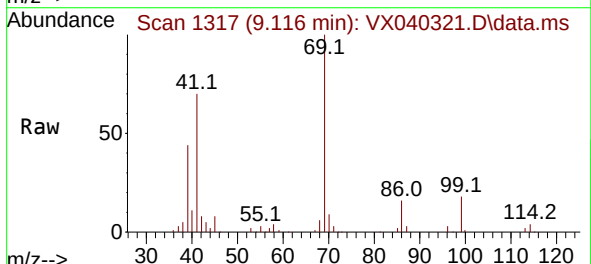
Ion	Ratio	Lower	Upper
97	100		
83	91.6	65.8	98.8
85	62.2	41.6	62.4
99	61.2	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

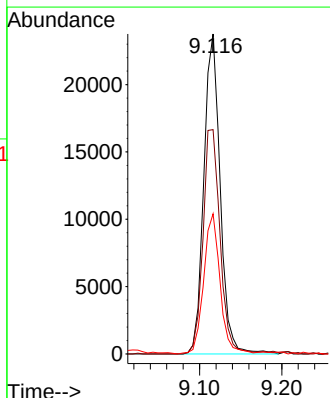
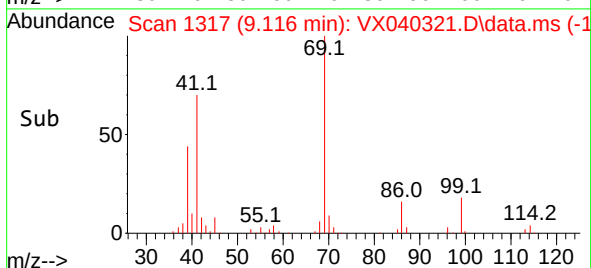


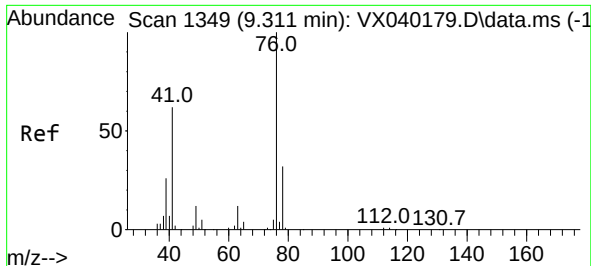
#56
Ethyl methacrylate
Concen: 18.630 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26



Tgt Ion: 69 Resp: 32882

Ion	Ratio	Lower	Upper
69	100		
41	73.0	56.8	85.2
39	43.8	32.0	48.0





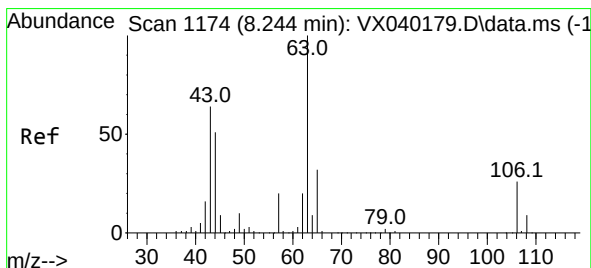
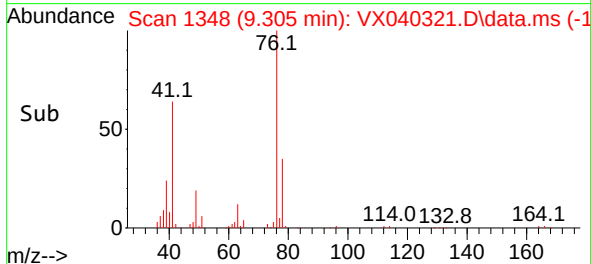
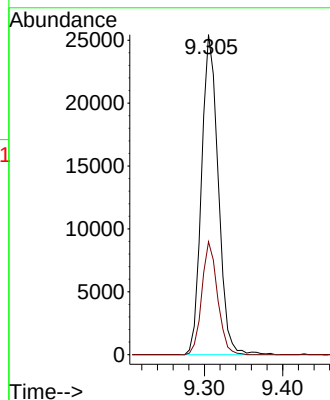
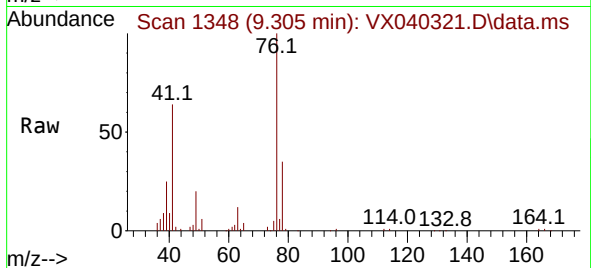
#57
1,3-Dichloropropane
Concen: 19.582 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 76 Resp: 3768
Ion Ratio Lower Upper
76 100
78 33.1 26.1 39.1

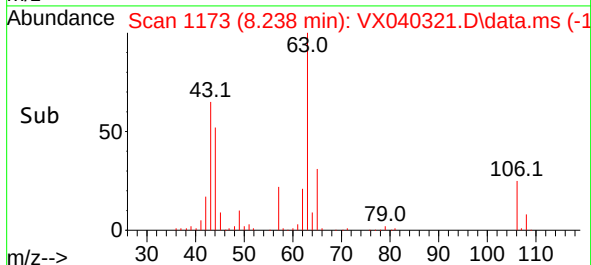
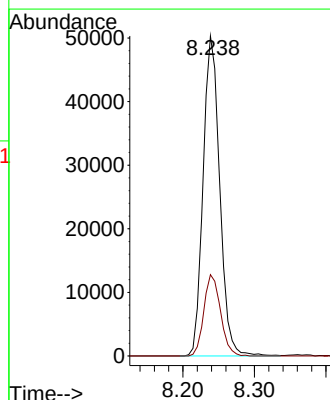
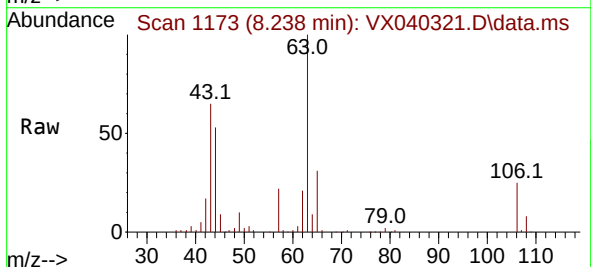
Manual Integrations
APPROVED

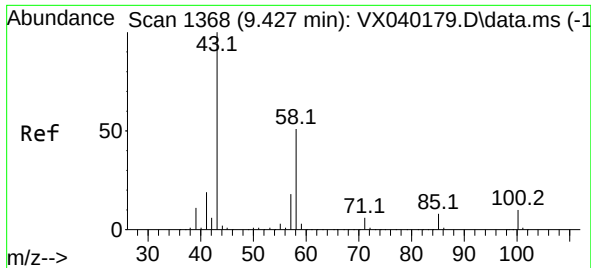
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 97.286 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

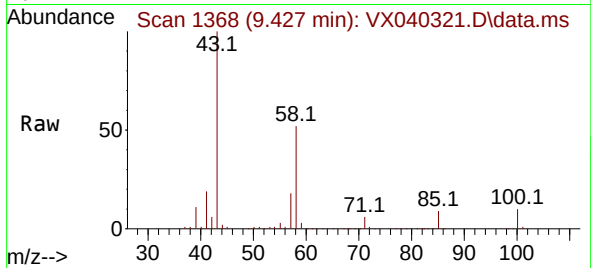
Tgt Ion: 63 Resp: 81229
Ion Ratio Lower Upper
63 100
106 25.4 22.5 33.7





#59
2-Hexanone
Concen: 102.477 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

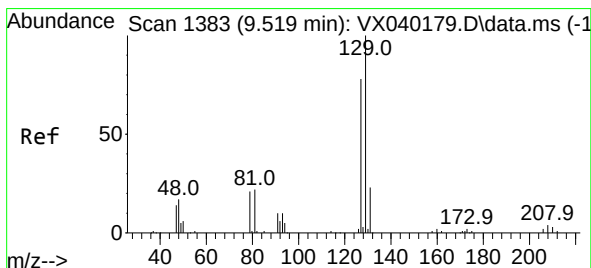
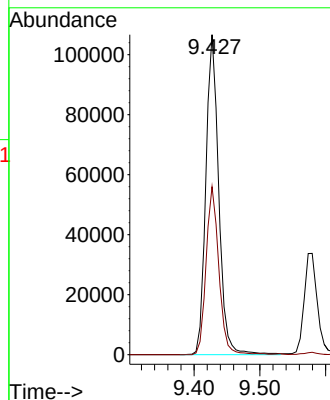
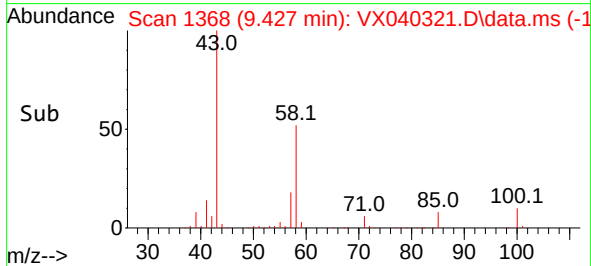
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 43 Resp: 145408
Ion Ratio Lower Upper
43 100
58 52.1 26.2 78.5

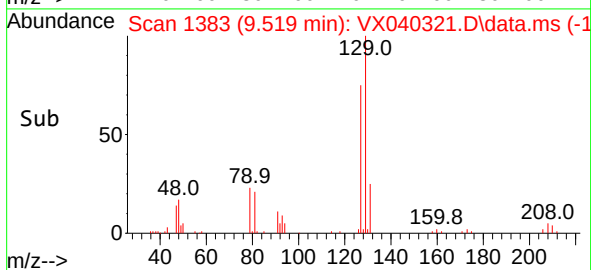
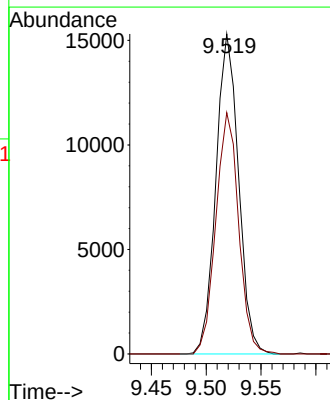
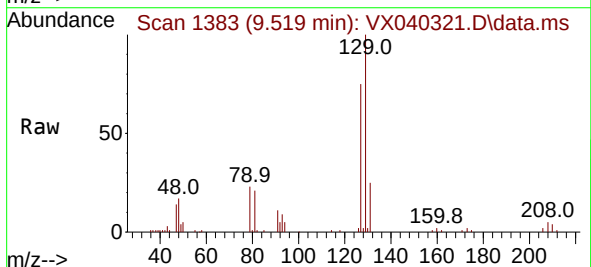
Manual Integrations
APPROVED

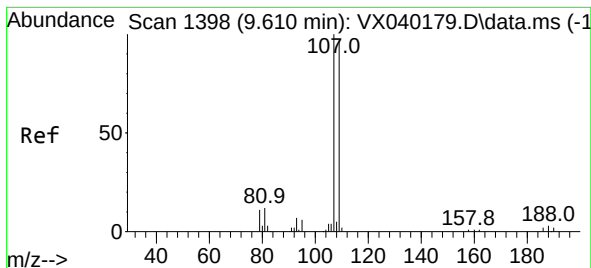
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#60
Dibromochloromethane
Concen: 18.314 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

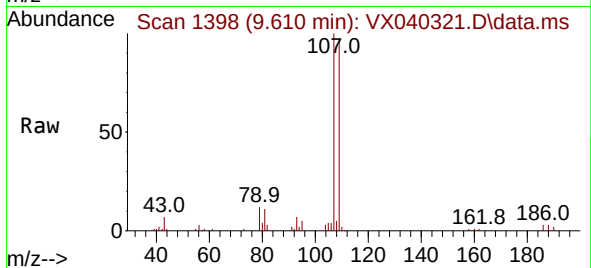
Tgt Ion:129 Resp: 21998
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 17.981 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

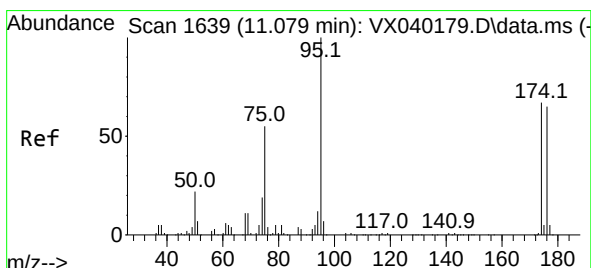
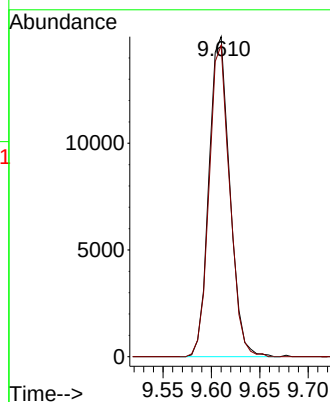
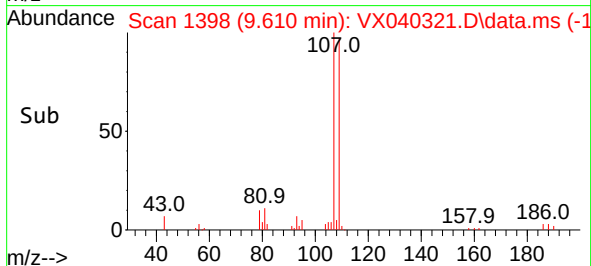
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion:107 Resp: 22534
Ion Ratio Lower Upper
107 100
109 96.1 75.2 112.8

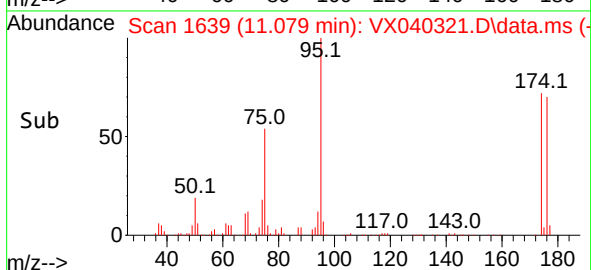
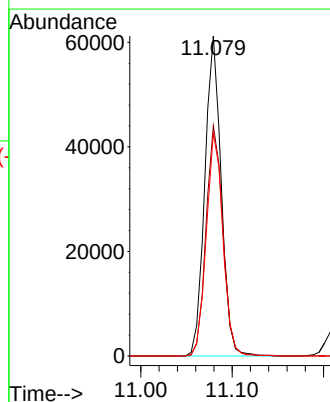
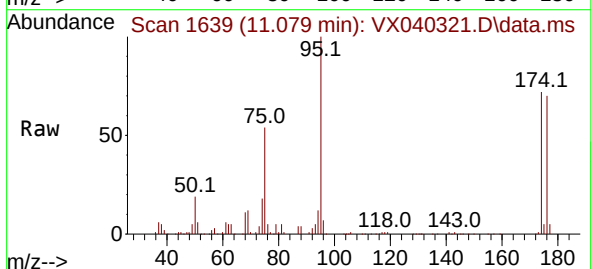
Manual Integrations
APPROVED

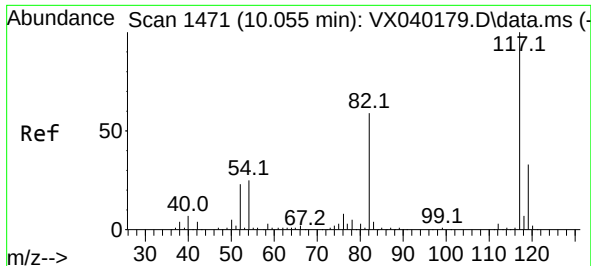
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#62
4-Bromofluorobenzene
Concen: 46.338 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

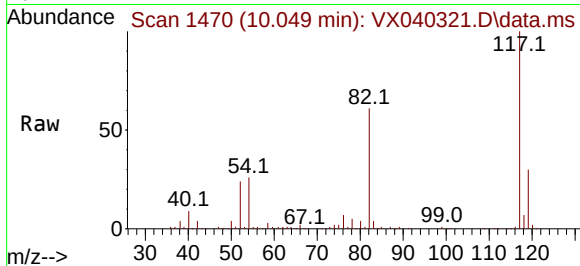
Tgt Ion: 95 Resp: 76158
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 70.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

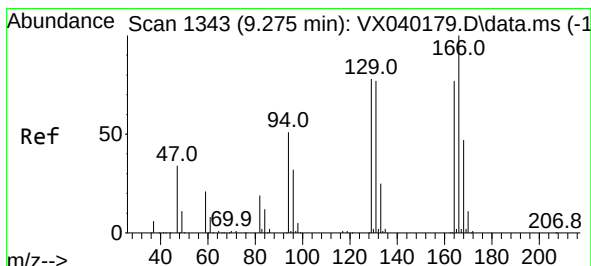
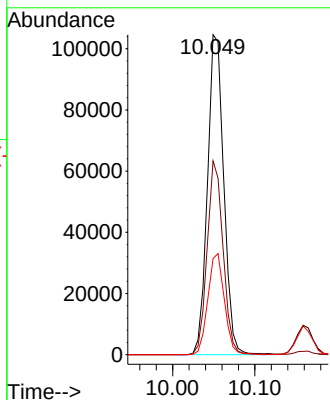
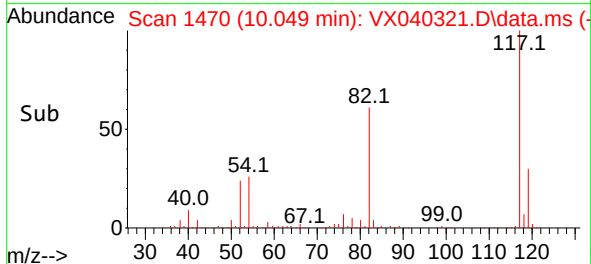
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion:117 Resp: 144310
Ion Ratio Lower Upper
117 100
82 60.5 46.2 69.4
119 30.1 25.5 38.3

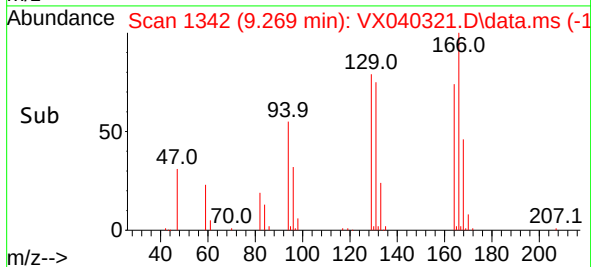
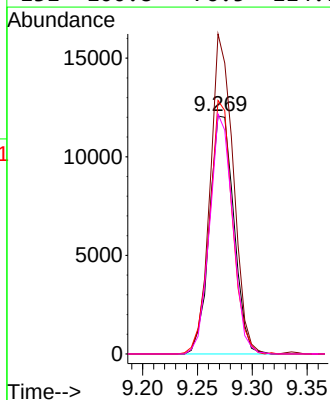
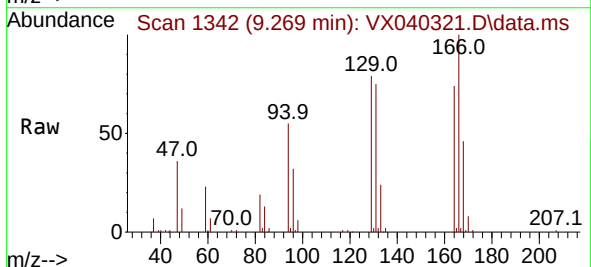
Manual Integrations
APPROVED

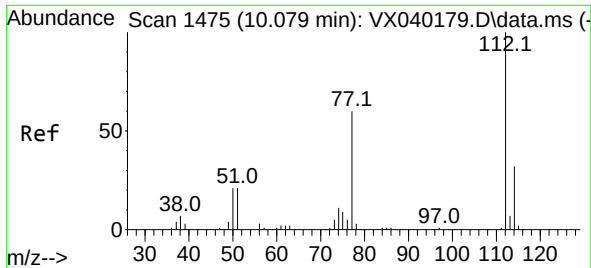
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#64
Tetrachloroethene
Concen: 18.541 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Tgt Ion:164 Resp: 18751
Ion Ratio Lower Upper
164 100
166 134.5 102.7 154.1
129 106.5 80.4 120.6
131 100.8 76.5 114.7





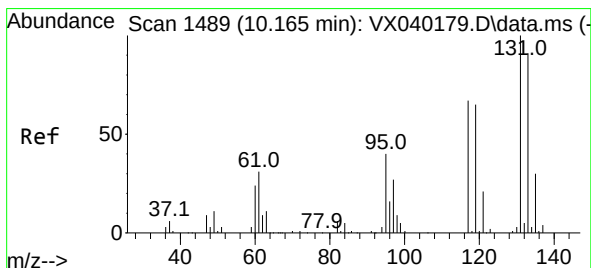
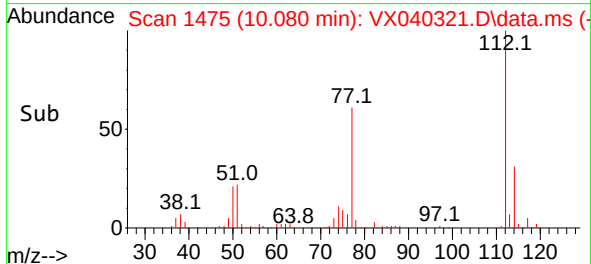
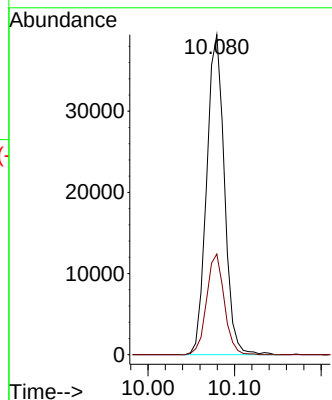
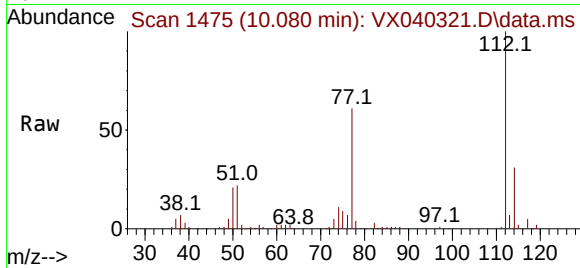
#65
Chlorobenzene
Concen: 18.617 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion:112 Resp: 56072
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

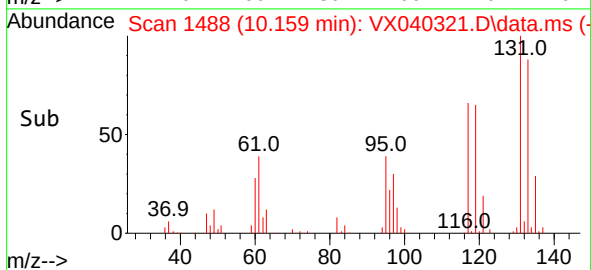
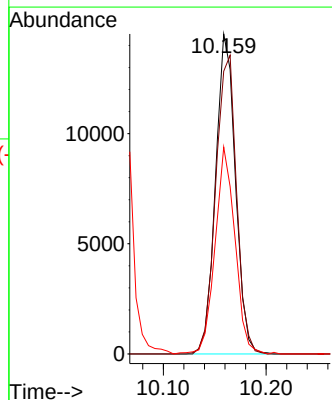
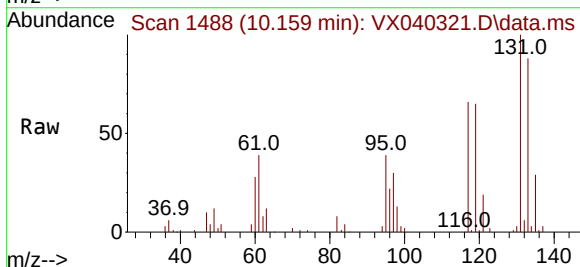
Manual Integrations
APPROVED

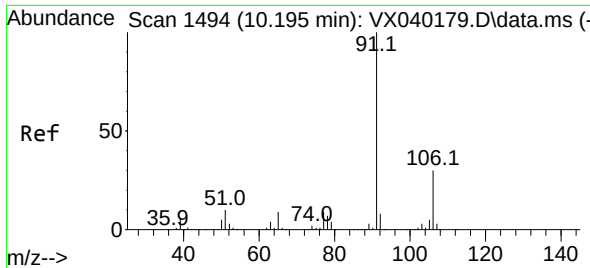
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.665 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

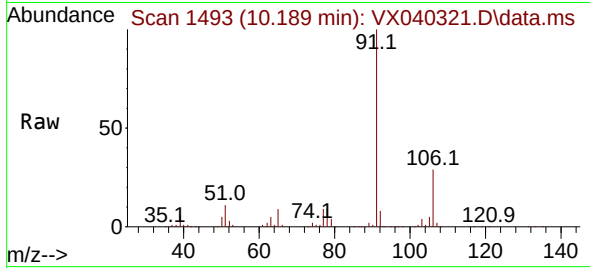
Tgt Ion:131 Resp: 19471
Ion Ratio Lower Upper
131 100
133 97.8 47.1 141.4
119 64.6 32.2 96.6





#67
Ethyl Benzene
Concen: 19.503 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

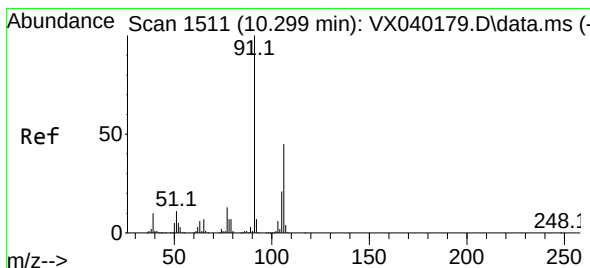
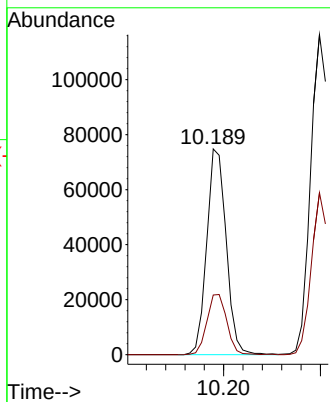
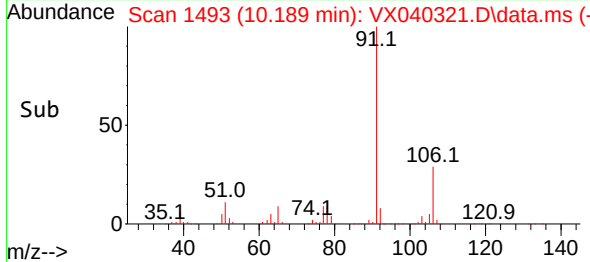
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 91 Resp: 10462
Ion Ratio Lower Upper
91 100
106 29.0 24.9 37.3

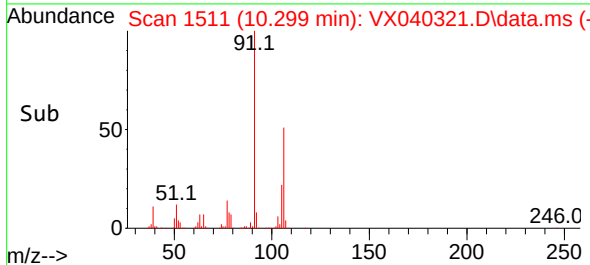
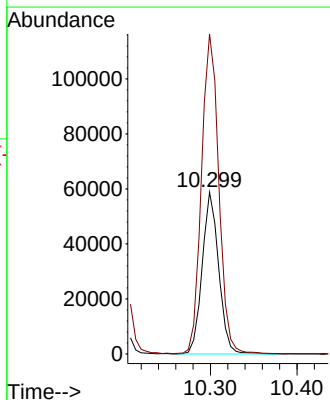
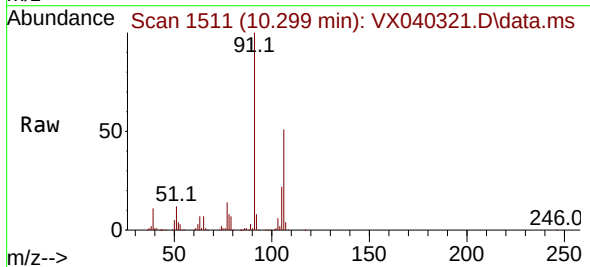
Manual Integrations
APPROVED

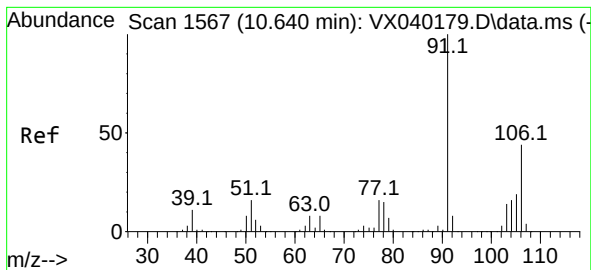
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#68
m/p-Xylenes
Concen: 38.392 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Tgt Ion:106 Resp: 77780
Ion Ratio Lower Upper
106 100
91 207.2 165.5 248.3





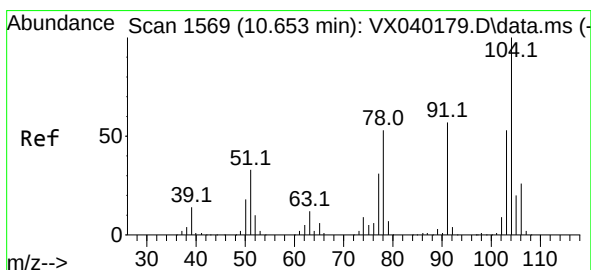
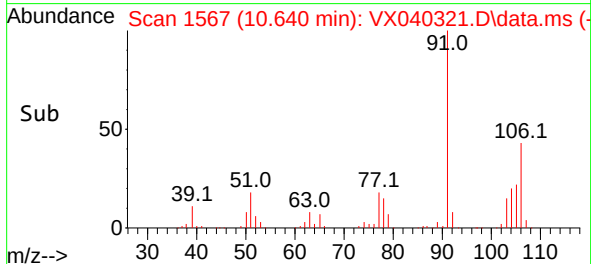
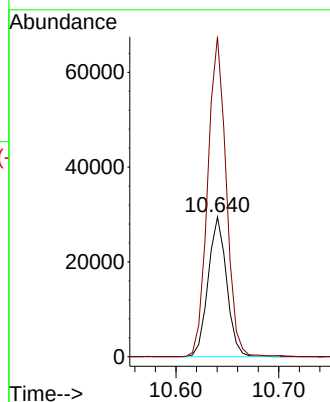
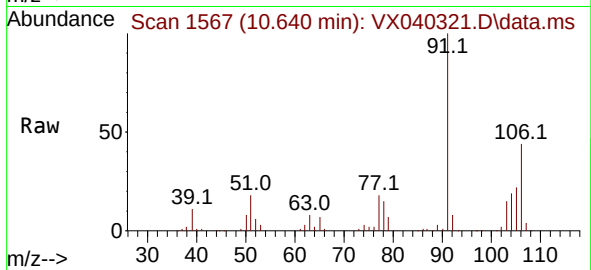
#69
o-Xylene
Concen: 18.691 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion:106 Resp: 36798
Ion Ratio Lower Upper
106 100
91 229.7 108.9 326.8

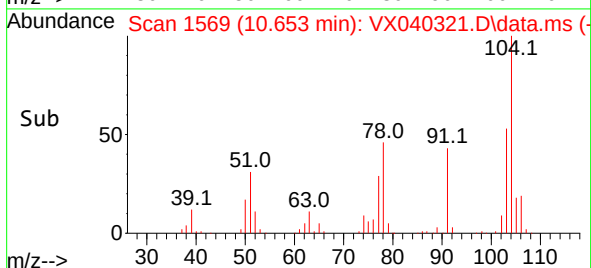
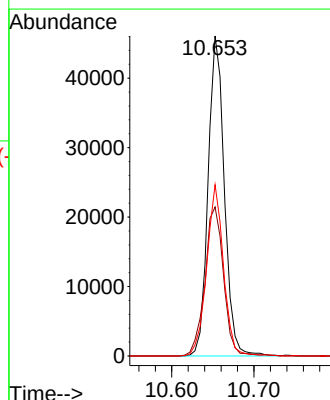
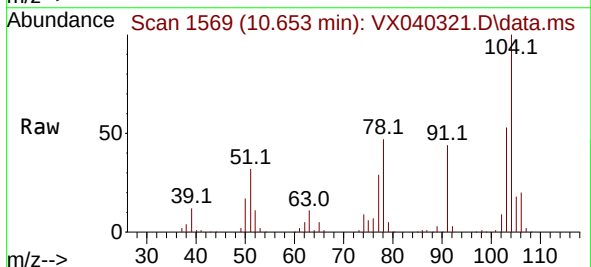
Manual Integrations
APPROVED

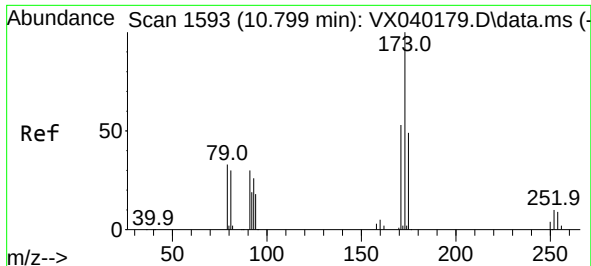
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#70
Styrene
Concen: 19.332 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Tgt Ion:104 Resp: 63276
Ion Ratio Lower Upper
104 100
78 53.6 43.6 65.4
103 55.5 43.6 65.4





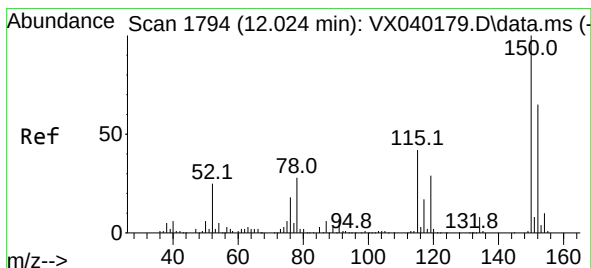
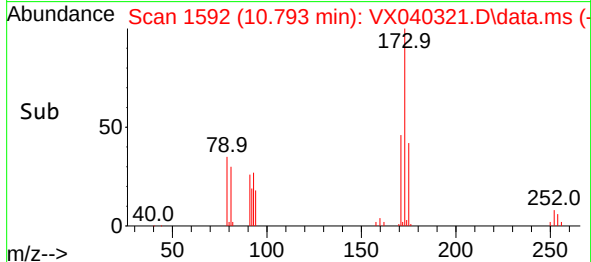
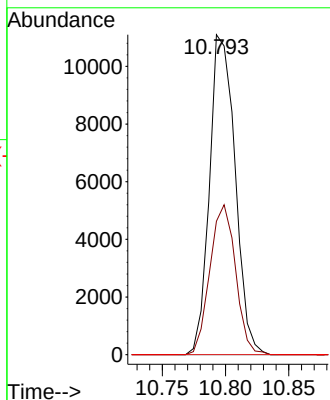
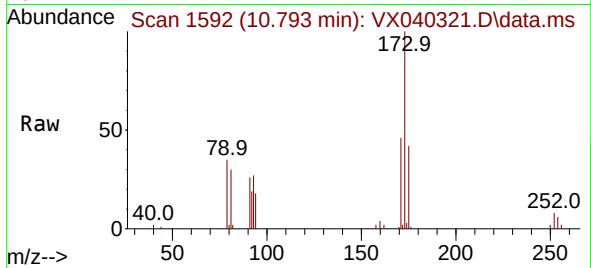
#71
Bromoform
Concen: 17.267 ug/l
RT: 10.793 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion:173 Resp: 15610
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.4
254 0.0 0.0 0.0

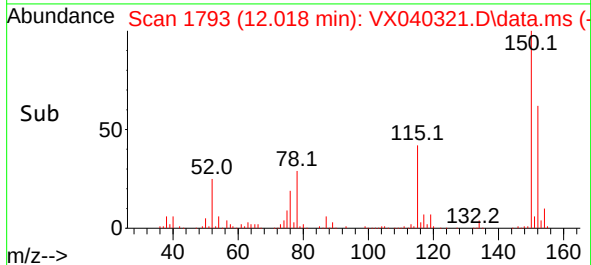
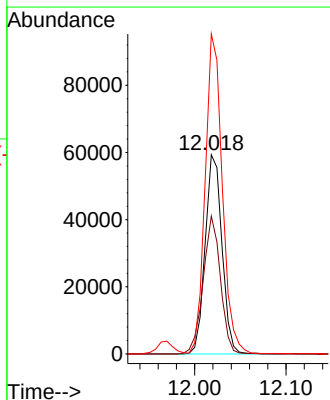
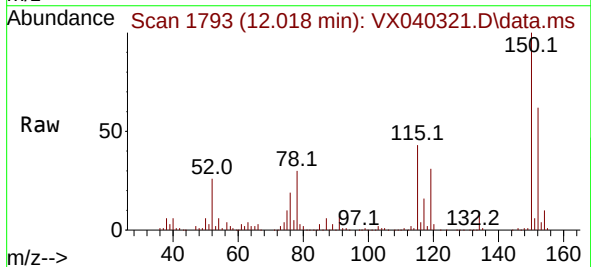
Manual Integrations
APPROVED

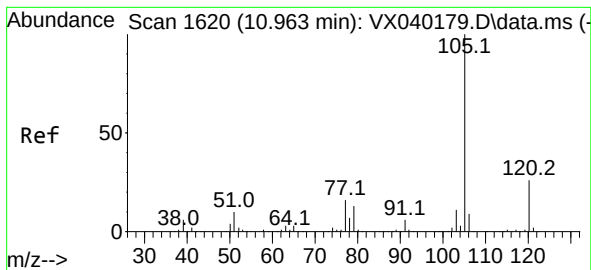
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Tgt Ion:152 Resp: 75634
Ion Ratio Lower Upper
152 100
115 70.9 43.3 129.9
150 162.8 0.0 345.0





#73

Isopropylbenzene

Concen: 18.802 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion:105 Resp: 100162

Ion Ratio Lower Upper

105 100

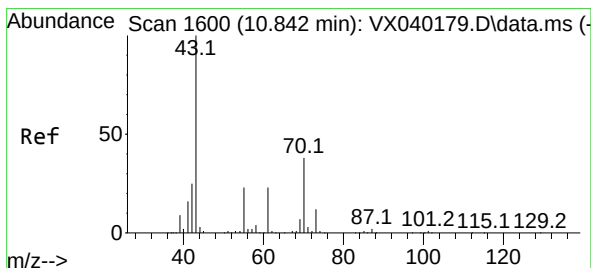
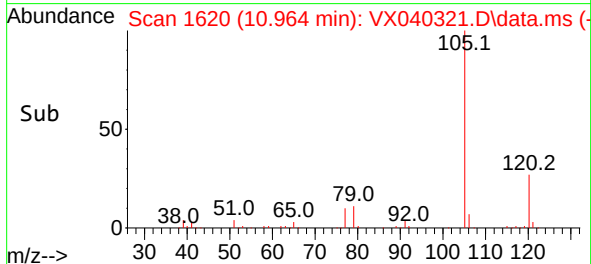
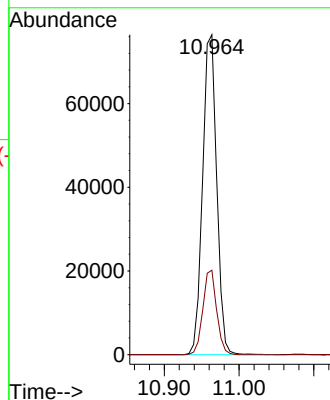
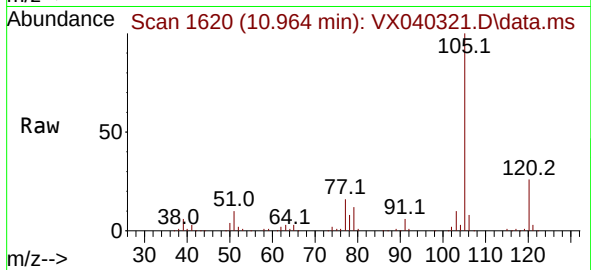
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#74

N-ethyl acetate

Concen: 19.677 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Tgt Ion: 43 Resp: 44931

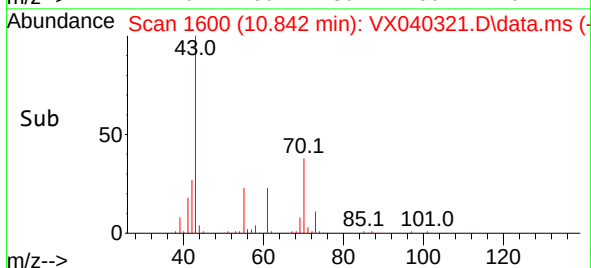
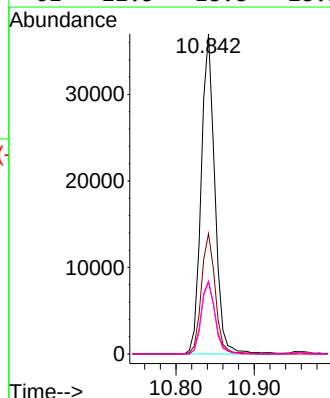
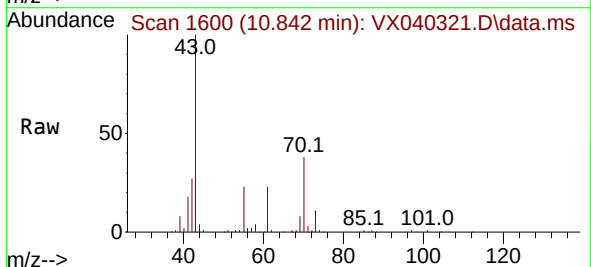
Ion Ratio Lower Upper

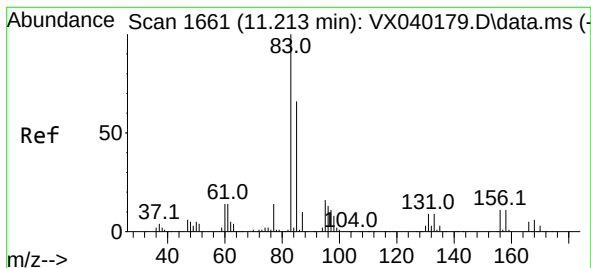
43 100

70 38.0 32.9 49.3

55 23.2 19.3 28.9

61 22.5 18.8 28.2





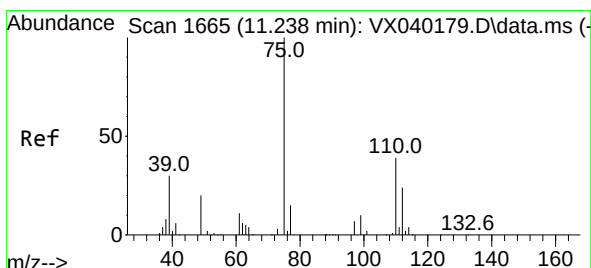
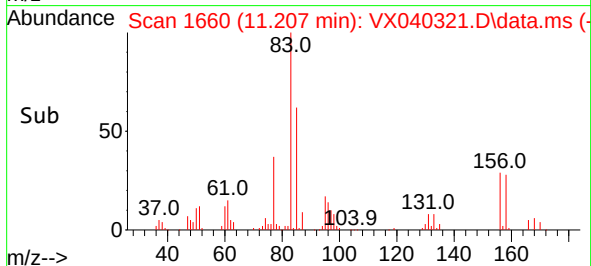
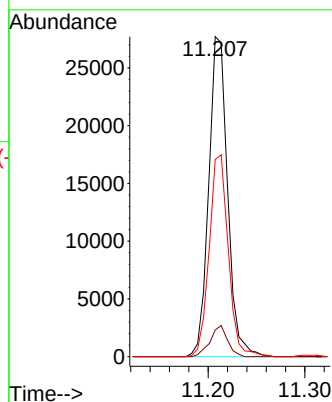
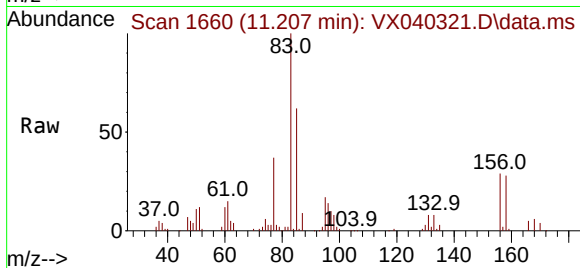
#75
1,1,2,2-Tetrachloroethane
Concen: 19.660 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tgt Ion: 83 Resp: 37628
Ion Ratio Lower Upper
83 100
131 9.0 5.3 15.8
85 63.8 32.0 96.2

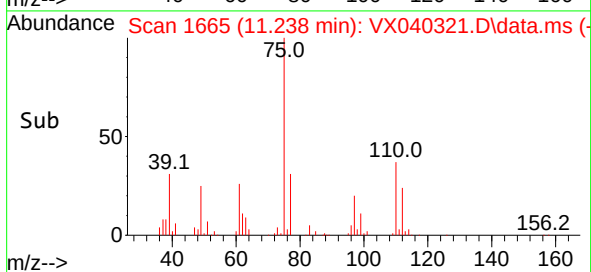
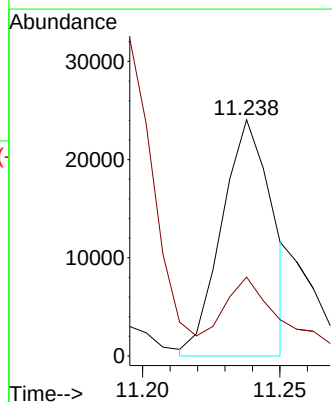
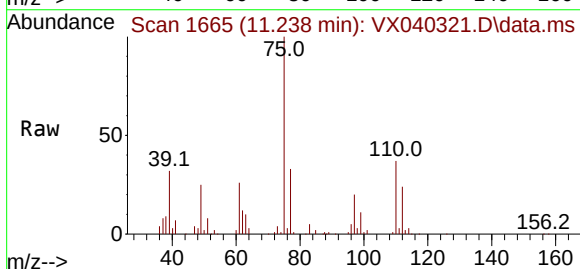
Manual Integrations
APPROVED

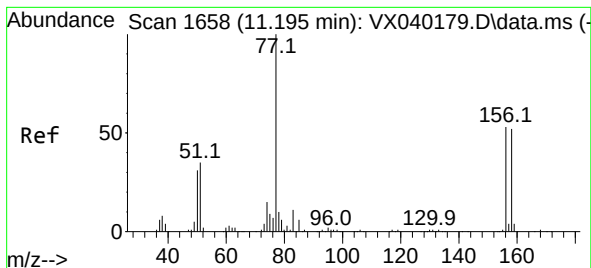
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#76
1,2,3-Trichloropropane
Concen: 20.037 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

Tgt Ion: 75 Resp: 30689
Ion Ratio Lower Upper
75 100
77 40.0 19.1 57.5





#77

Bromobenzene

Concen: 19.165 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

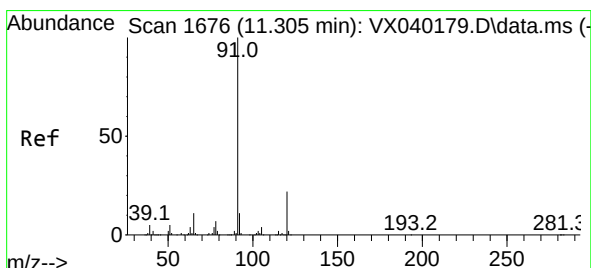
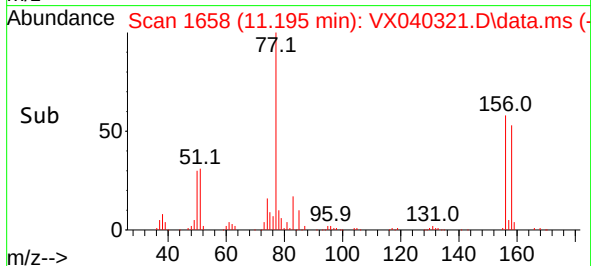
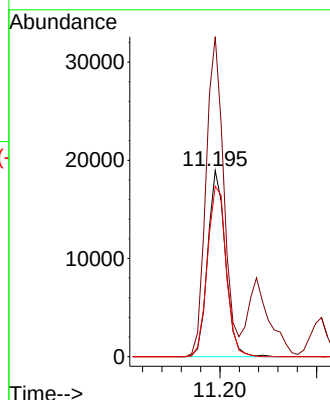
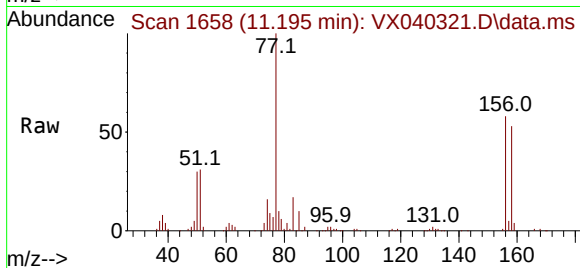
Tgt Ion:	156	Resp:	24114
Ion Ratio	Lower	Upper	
156	100		
77	173.0	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#78

n-propylbenzene

Concen: 19.172 ug/l

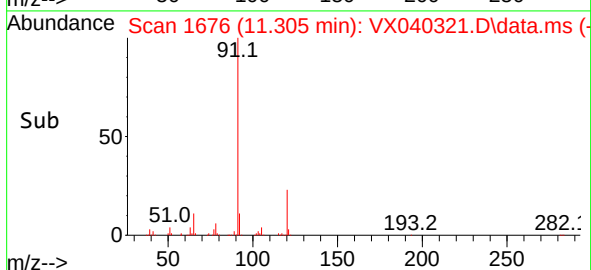
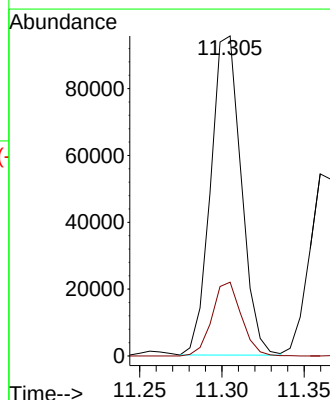
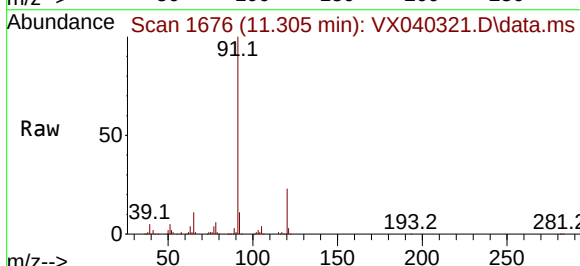
RT: 11.305 min Scan# 1676

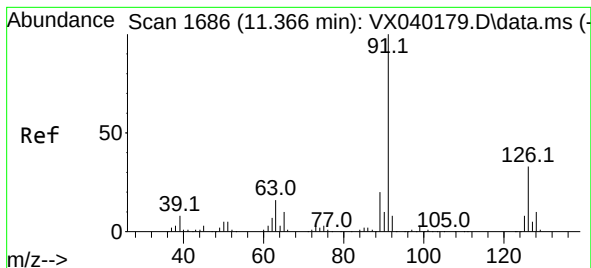
Delta R.T. 0.000 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Tgt Ion:	91	Resp:	123647
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 18.576 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion: 91 Resp: 72344

Ion Ratio Lower Upper

91 100

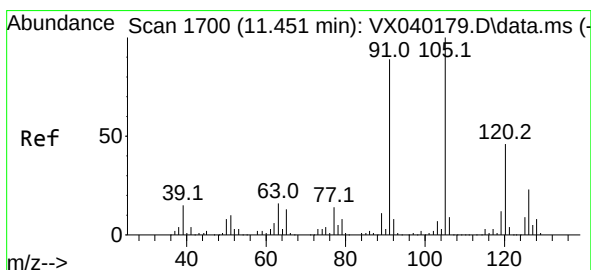
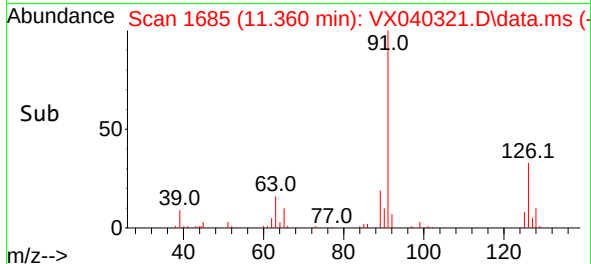
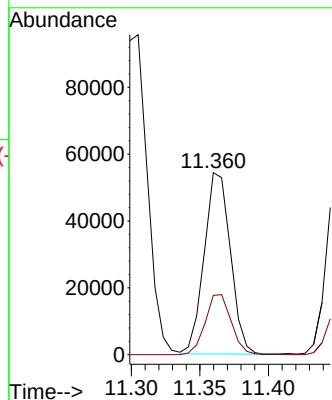
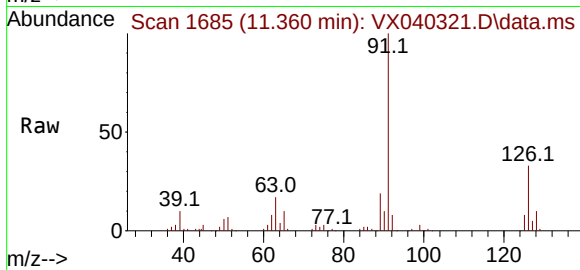
126 32.8 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.225 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040321.D

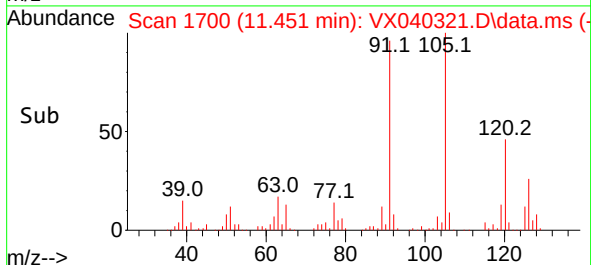
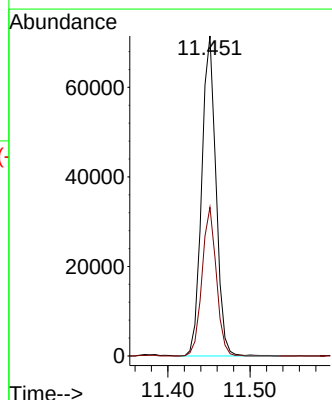
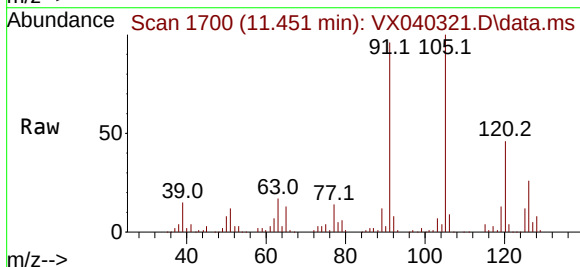
Acq: 19 Feb 2024 11:26

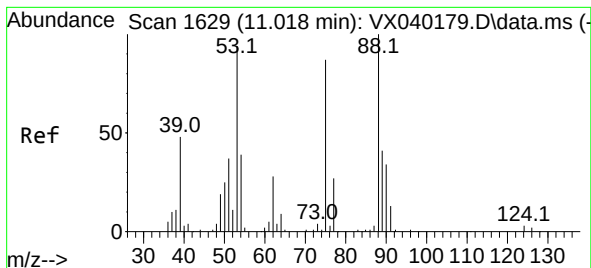
Tgt Ion:105 Resp: 86221

Ion Ratio Lower Upper

105 100

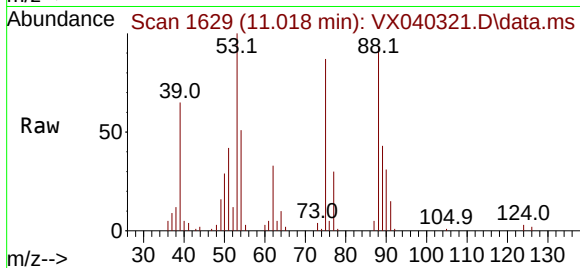
120 46.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.813 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

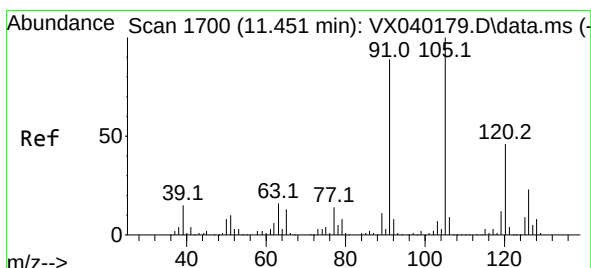
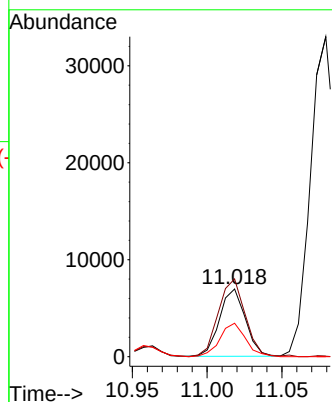
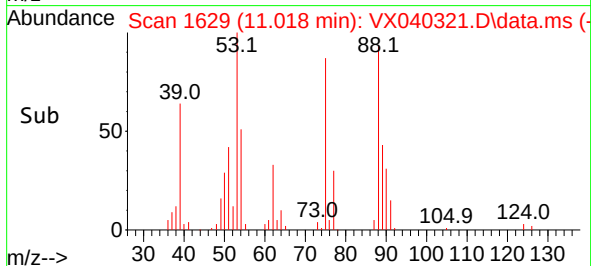
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



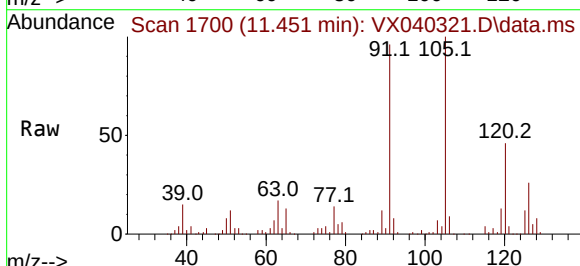
Tgt Ion: 75 Resp: 8374
Ion Ratio Lower Upper
75 100
53 120.0 90.5 135.7
89 49.5 36.9 55.3

Manual Integrations
APPROVED

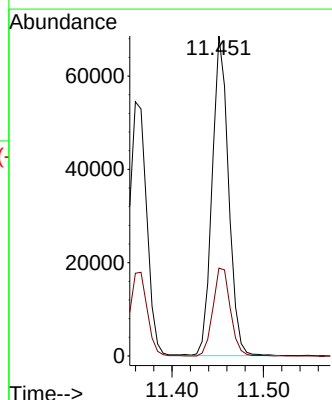
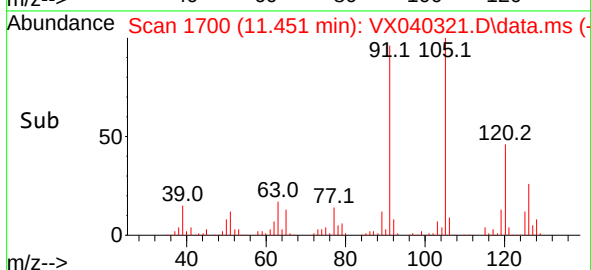
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

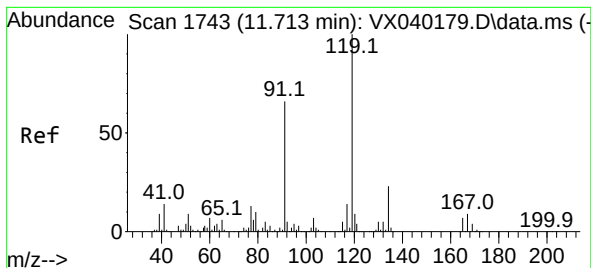


#82
4-Chlorotoluene
Concen: 18.495 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26



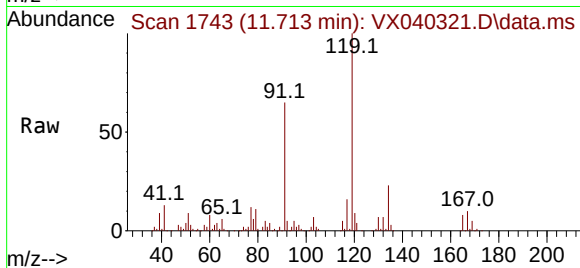
Tgt Ion: 91 Resp: 85341
Ion Ratio Lower Upper
91 100
126 29.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 18.572 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

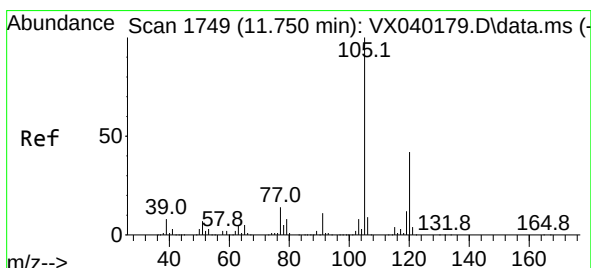
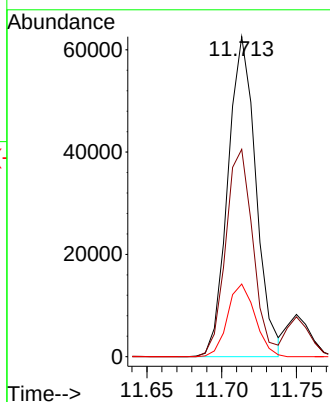
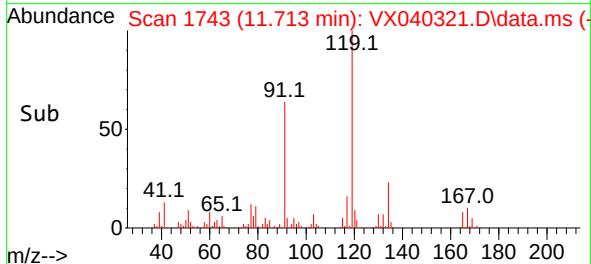
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



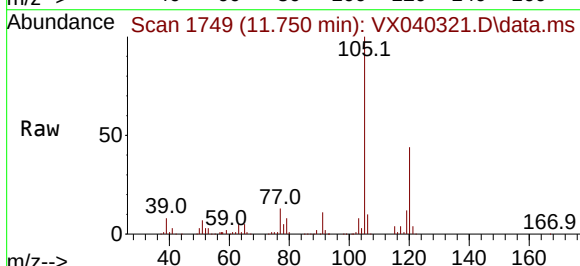
Tgt Ion:119 Resp: 81660
Ion Ratio Lower Upper
119 100
91 63.4 31.2 93.6
134 22.3 11.7 35.0

Manual Integrations
APPROVED

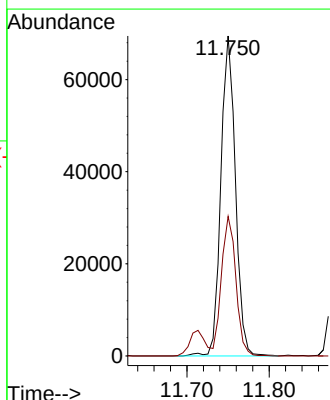
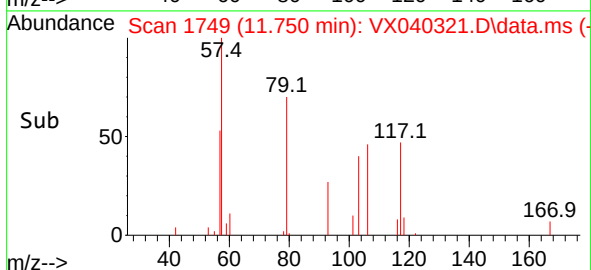
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

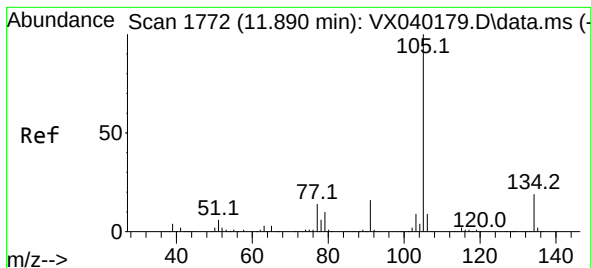


#84
1,2,4-Trimethylbenzene
Concen: 18.822 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26



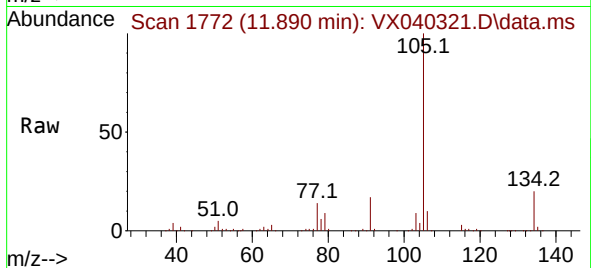
Tgt Ion:105 Resp: 85400
Ion Ratio Lower Upper
105 100
120 43.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 18.862 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040321.D
 Acq: 19 Feb 2024 11:26

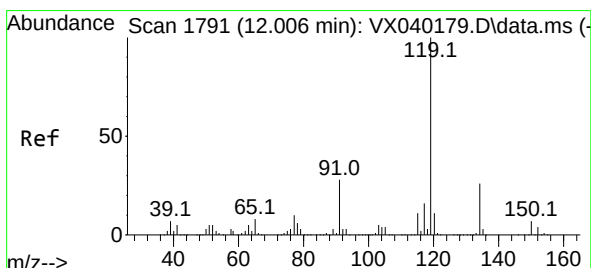
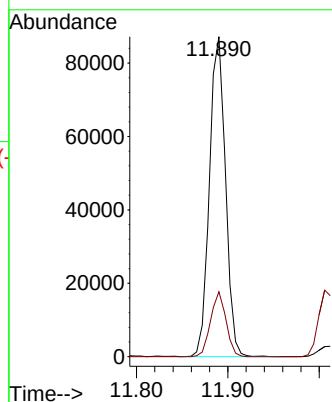
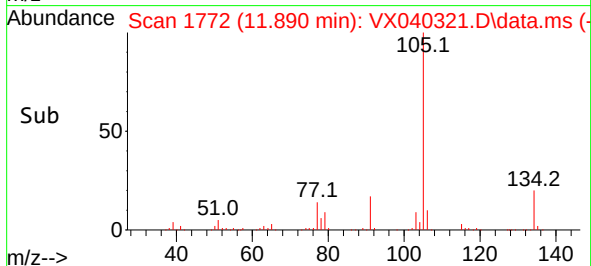
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01



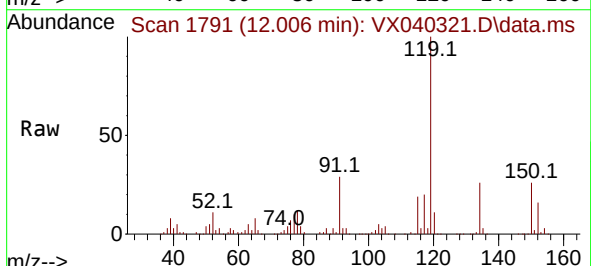
Tgt Ion:105 Resp: 106584
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

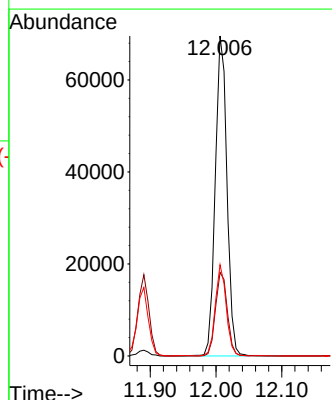
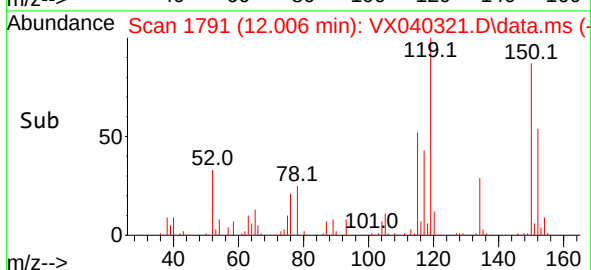
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024

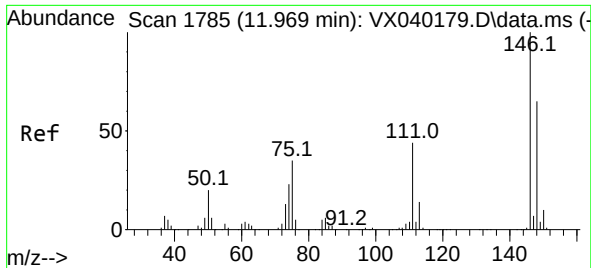


#86
 p-Isopropyltoluene
 Concen: 18.559 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040321.D
 Acq: 19 Feb 2024 11:26



Tgt Ion:119 Resp: 85966
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 26.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.567 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tgt Ion:146 Resp: 46280

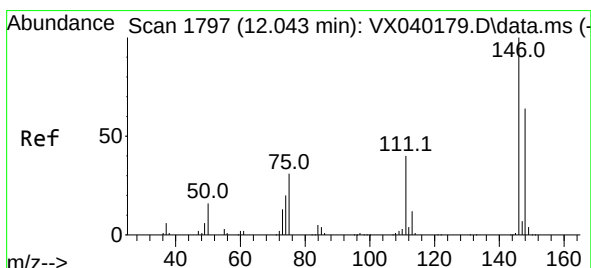
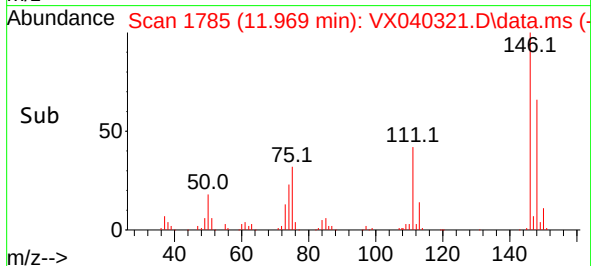
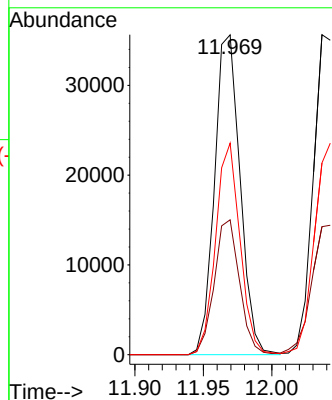
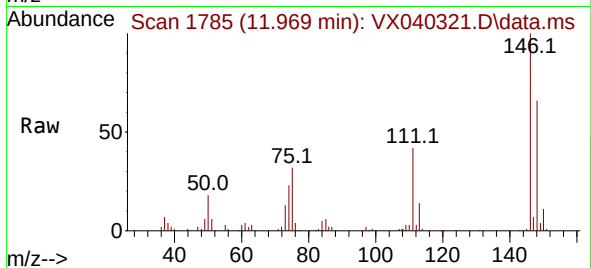
Ion	Ratio	Lower	Upper
146	100		
111	41.8	22.1	66.1
148	63.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#88

1,4-Dichlorobenzene

Concen: 18.042 ug/l

RT: 12.036 min Scan# 1796

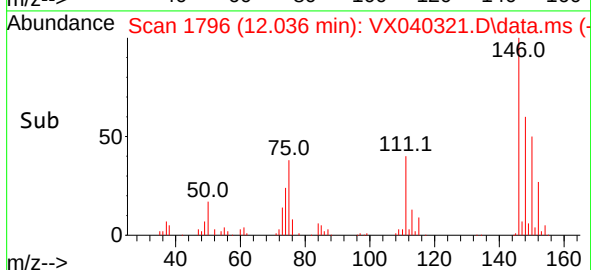
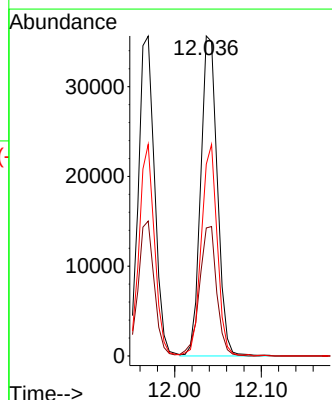
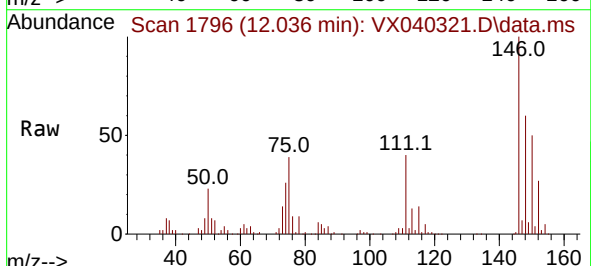
Delta R.T. -0.006 min

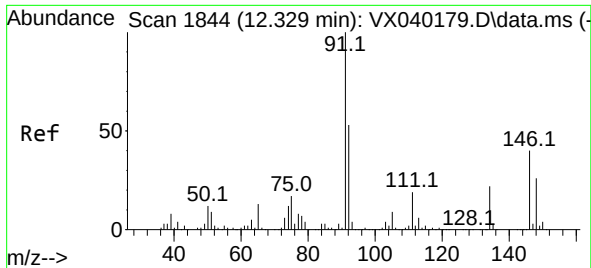
Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Tgt Ion:146 Resp: 47627

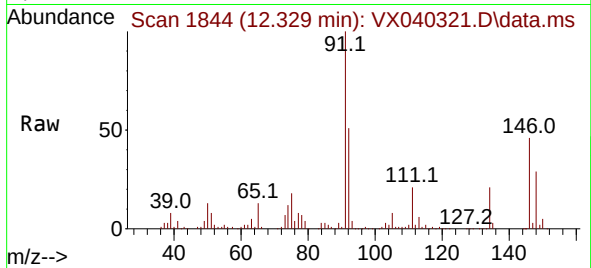
Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.7
148	63.1	31.8	95.4





#89
n-Butylbenzene
Concen: 18.926 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

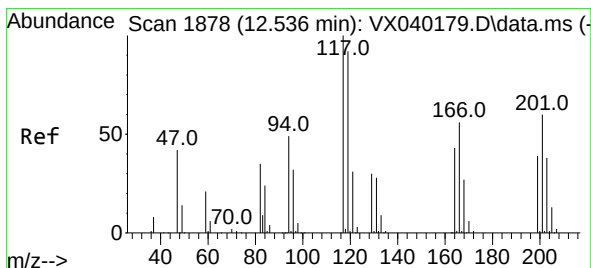
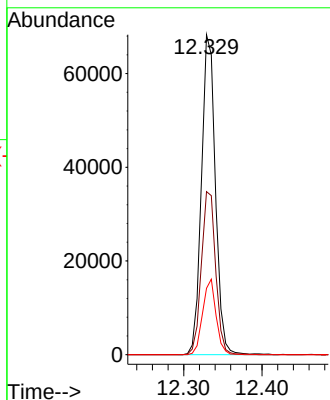
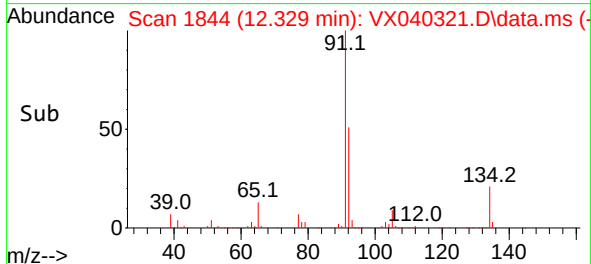
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



Tgt Ion: 91 Resp: 84624
Ion Ratio Lower Upper
91 100
92 52.2 27.4 82.0
134 22.5 12.6 37.8

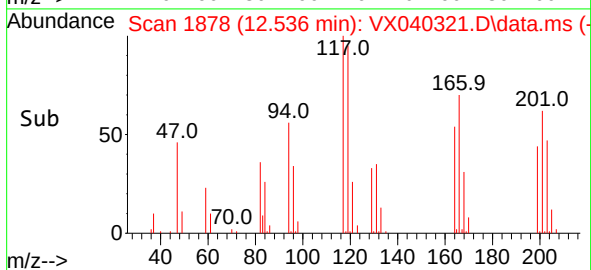
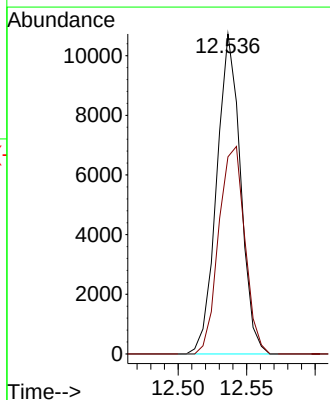
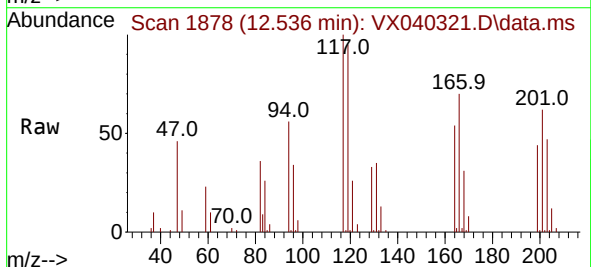
Manual Integrations
APPROVED

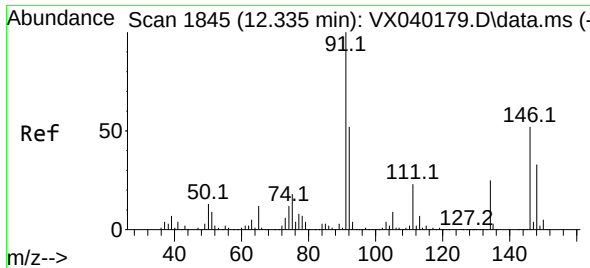
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#90
Hexachloroethane
Concen: 17.739 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

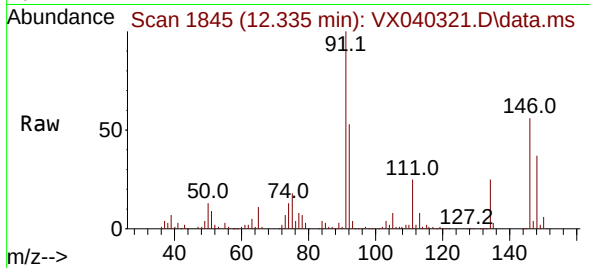
Tgt Ion:117 Resp: 12961
Ion Ratio Lower Upper
117 100
201 71.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 18.639 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26

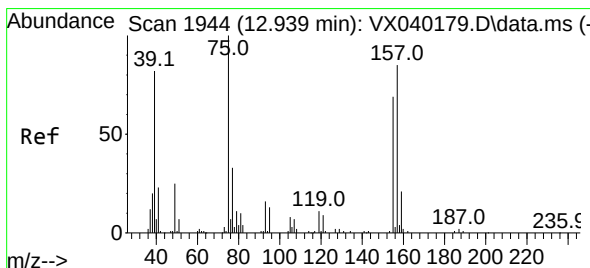
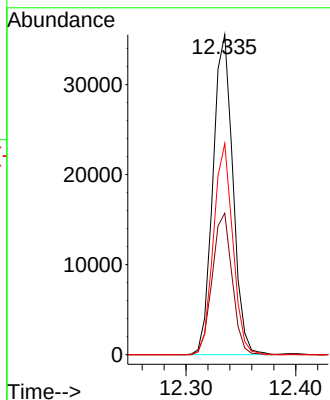
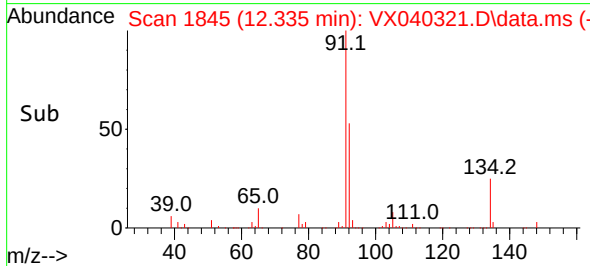
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01



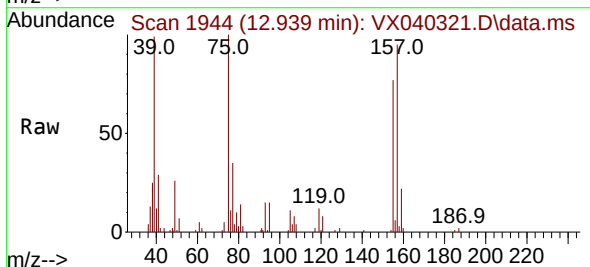
Tgt Ion:146 Resp: 4498
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations
APPROVED

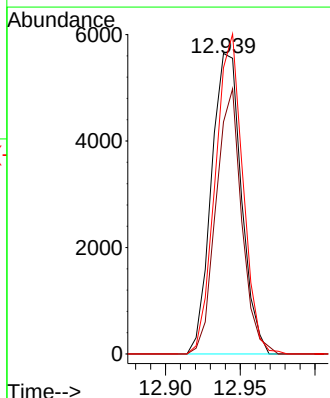
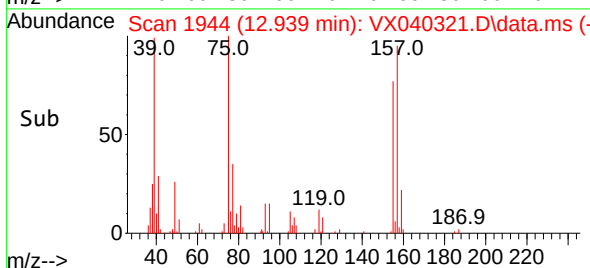
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

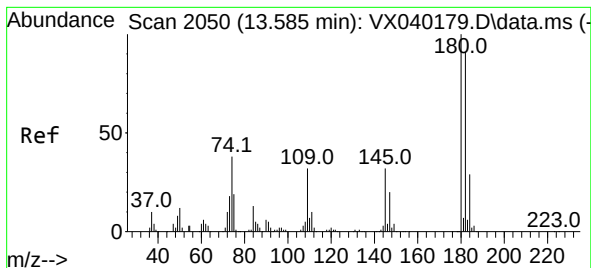


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.853 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040321.D
Acq: 19 Feb 2024 11:26



Tgt Ion: 75 Resp: 7886
Ion Ratio Lower Upper
75 100
155 75.8 36.1 108.5
157 97.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 17.981 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

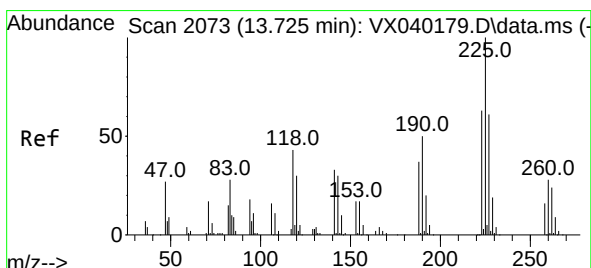
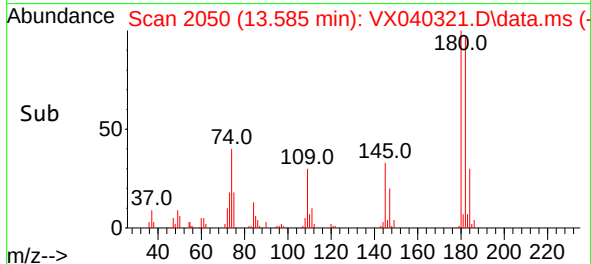
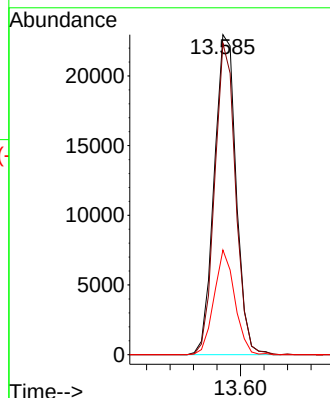
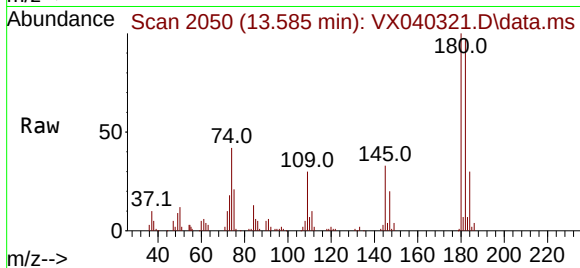
Tgt Ion:180	Resp:	29709
Ion Ratio	Lower	Upper
180	100	
182	92.8	48.3 144.8
145	31.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#94

Hexachlorobutadiene

Concen: 16.962 ug/l

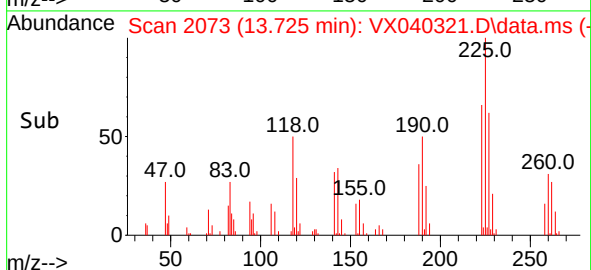
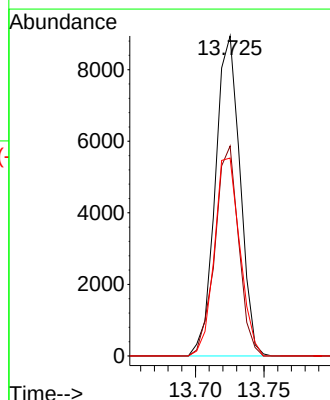
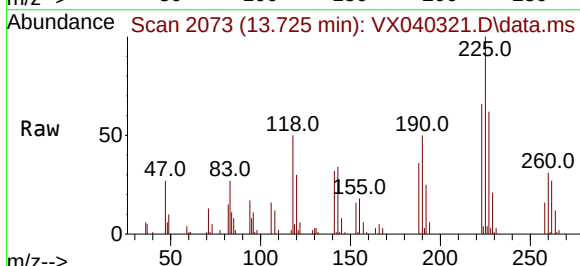
RT: 13.725 min Scan# 2073

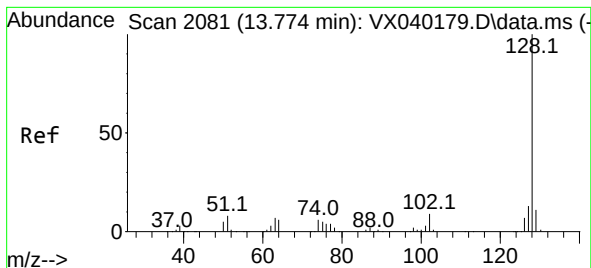
Delta R.T. 0.000 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Tgt Ion:225	Resp:	11185
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.1 93.2
227	64.0	32.5 97.5





#95

Naphthalene

Concen: 18.484 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

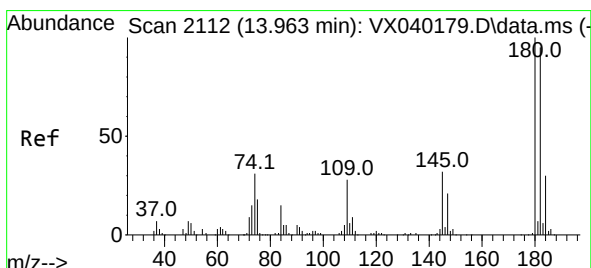
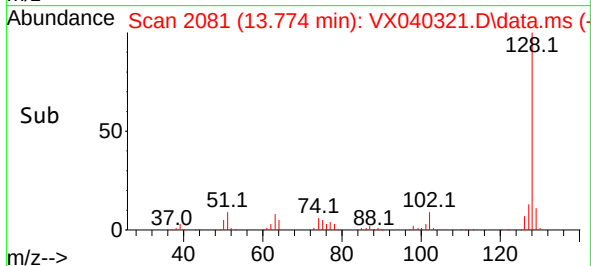
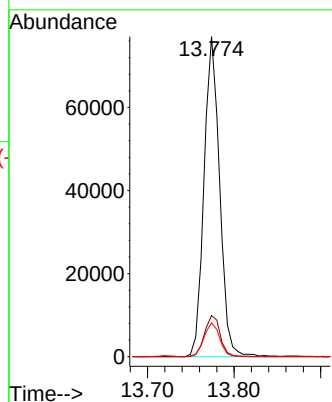
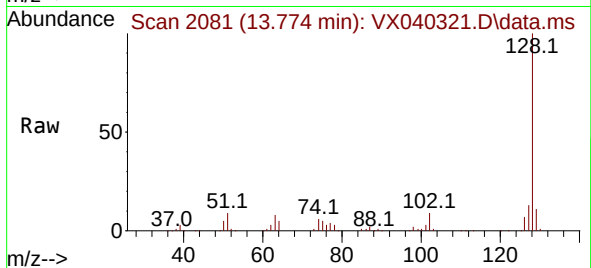
Tgt Ion:128	Resp:	9645
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.3 15.5
129	10.7	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.386 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX040321.D

Acq: 19 Feb 2024 11:26

Tgt Ion:180	Resp:	28956
Ion Ratio	Lower	Upper
180	100	
182	94.7	46.9 140.6
145	33.1	17.8 53.5

