

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040373.D
 Acq On : 21 Feb 2024 11:59
 Operator : JC/MD
 Sample : VX0221WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2024
 Supervised By : Mahesh Dadoda 02/22/2024

Quant Time: Feb 22 01:04:54 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	77017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64011	55.866	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.740%			
35) Dibromofluoromethane	5.385	113	48109	52.204	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.400%			
50) Toluene-d8	8.647	98	171836	49.847	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.700%			
62) 4-Bromofluorobenzene	11.079	95	67313	47.878	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18045	20.742	ug/l	97
3) Chloromethane	1.294	50	17593	19.611	ug/l	96
4) Vinyl Chloride	1.374	62	17989	18.975	ug/l	99
5) Bromomethane	1.605	94	12720	23.776	ug/l	98
6) Chloroethane	1.685	64	11271	18.851	ug/l	96
7) Trichlorofluoromethane	1.886	101	29318	19.257	ug/l	97
8) Diethyl Ether	2.136	74	11371	19.882	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	16975	20.786	ug/l	99
10) Methyl Iodide	2.453	142	18650	20.570	ug/l	96
11) Tert butyl alcohol	2.947	59	22700	101.711	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	15279	19.431	ug/l	98
13) Acrolein	2.233	56	20868	101.302	ug/l	97
14) Allyl chloride	2.666	41	29886	21.901	ug/l	98
15) Acrylonitrile	3.062	53	55428	110.997	ug/l	98
16) Acetone	2.374	43	58288	123.863	ug/l	97
17) Carbon Disulfide	2.514	76	33471	16.124	ug/l	100
18) Methyl Acetate	2.697	43	25861	20.500	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	60939	21.998	ug/l	97
20) Methylene Chloride	2.788	84	19196	20.829	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	17522	19.566	ug/l	93
22) Diisopropyl ether	3.757	45	64826	23.425	ug/l	98
23) Vinyl Acetate	3.721	43	288077	116.770	ug/l	99
24) 1,1-Dichloroethane	3.611	63	34790	21.581	ug/l	98
25) 2-Butanone	4.550	43	81129	110.292	ug/l	99
26) 2,2-Dichloropropane	4.477	77	27317	22.013	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	21216	20.767	ug/l	98
28) Bromochloromethane	4.898	49	13228	19.327	ug/l	96
29) Tetrahydrofuran	5.001	42	51663	107.804	ug/l	98
30) Chloroform	5.093	83	37084	21.277	ug/l	97
31) Cyclohexane	5.464	56	25943	18.983	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	30404	20.736	ug/l	98
36) 1,1-Dichloropropene	5.690	75	25389	19.667	ug/l	98
37) Ethyl Acetate	4.708	43	29774	20.728	ug/l	99
38) Carbon Tetrachloride	5.678	117	24255	19.761	ug/l	95
39) Methylcyclohexane	7.379	83	26713	17.806	ug/l	97
40) Benzene	6.031	78	72482	20.078	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16976	22.293	ug/l	97
42) 1,2-Dichloroethane	6.086	62	30842	21.857	ug/l	100
43) Isopropyl Acetate	6.330	43	49319	21.995	ug/l	98
44) Trichloroethene	7.123	130	19206	19.287	ug/l	95
45) 1,2-Dichloropropane	7.434	63	20132	21.425	ug/l	98
46) Dibromomethane	7.580	93	14557	21.035	ug/l	99
47) Bromodichloromethane	7.818	83	28660	21.494	ug/l	94
48) Methyl methacrylate	7.690	41	24309	21.187	ug/l	95
49) 1,4-Dioxane	7.653	88	8858	354.882	ug/l #	93
51) 4-Methyl-2-Pentanone	8.568	43	164452	107.419	ug/l	98
52) Toluene	8.714	92	45139	19.089	ug/l	90
53) t-1,3-Dichloropropene	8.976	75	28662	19.150	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	30123	20.157	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	20190	20.019	ug/l	94
56) Ethyl methacrylate	9.116	69	30739	20.359	ug/l	97
57) 1,3-Dichloropropane	9.305	76	35193	21.379	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	72061	100.892	ug/l	96
59) 2-Hexanone	9.427	43	126949	104.588	ug/l	100
60) Dibromochloromethane	9.519	129	20536	19.986	ug/l	100
61) 1,2-Dibromoethane	9.610	107	20898	19.494	ug/l	96
64) Tetrachloroethene	9.275	164	16347	18.852	ug/l	95
65) Chlorobenzene	10.079	112	51143	19.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	18420	20.595	ug/l	97
67) Ethyl Benzene	10.195	91	92475	20.106	ug/l	99
68) m/p-Xylenes	10.299	106	66966	38.552	ug/l	92
69) o-Xylene	10.640	106	34011	20.149	ug/l	97
70) Styrene	10.653	104	56812	20.244	ug/l	99
71) Bromoform	10.799	173	14221	18.220	ug/l #	98
73) Isopropylbenzene	10.963	105	90823	20.146	ug/l	100
74) N-amyl acetate	10.842	43	41249	21.346	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	33546	20.711	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	27741m	21.402	ug/l	
77) Bromobenzene	11.195	156	21689	20.369	ug/l	97
78) n-propylbenzene	11.305	91	111496	20.428	ug/l	98
79) 2-Chlorotoluene	11.366	91	65873	19.986	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	78436	20.666	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	7732	19.112	ug/l	94
82) 4-Chlorotoluene	11.451	91	76330	19.546	ug/l	99
83) tert-Butylbenzene	11.713	119	73375	19.719	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	75936	19.776	ug/l	100
85) sec-Butylbenzene	11.890	105	96311	20.140	ug/l	99
86) p-Isopropyltoluene	12.006	119	77480	19.765	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41011	19.439	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	42991	19.243	ug/l	99
89) n-Butylbenzene	12.329	91	74055	19.571	ug/l	97
90) Hexachloroethane	12.536	117	11777	19.047	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	41390	20.265	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6788	18.158	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	26664	19.069	ug/l	97
94) Hexachlorobutadiene	13.719	225	10209	18.294	ug/l	98
95) Naphthalene	13.774	128	85868	19.444	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	26379	19.792	ug/l	97

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MSVOA_X
ClientSampleId :
VX0221WBS01

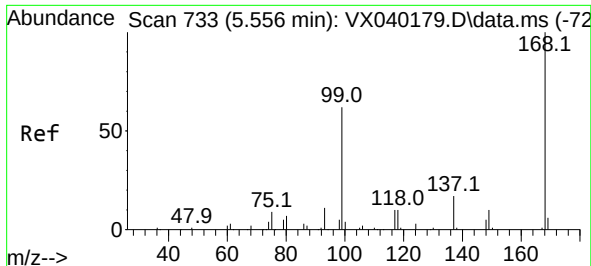
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/22/2024

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QLast Update : Mon Feb 12 00:21:14 2024
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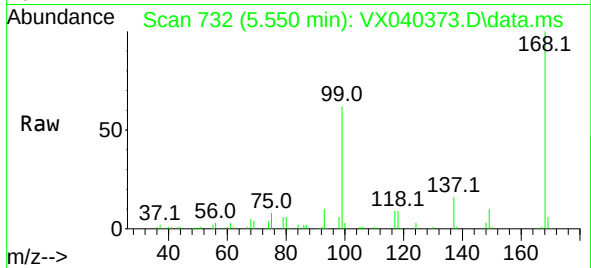
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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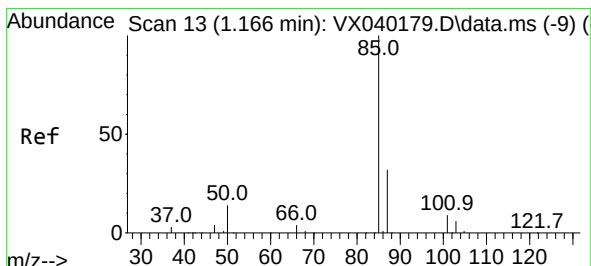
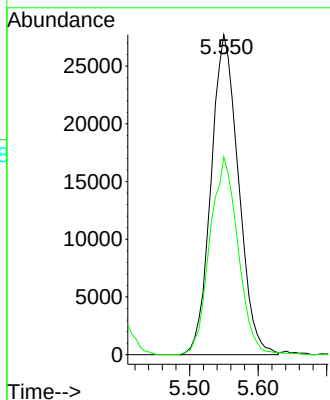
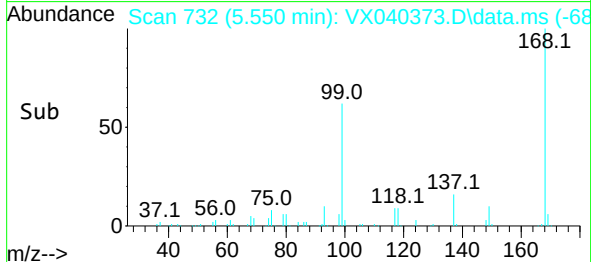
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



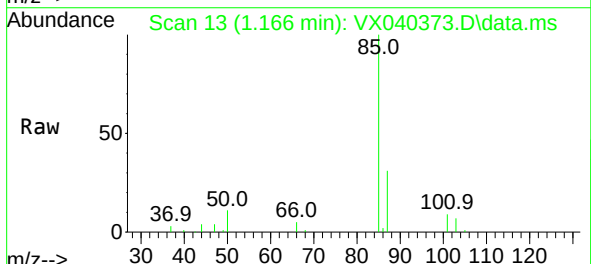
Tgt Ion:168 Resp: 7701
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0

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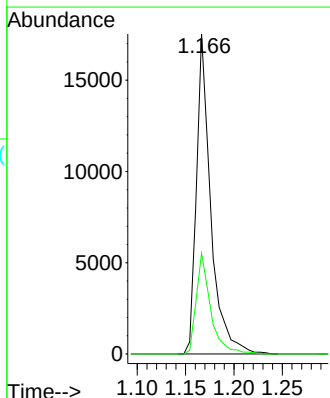
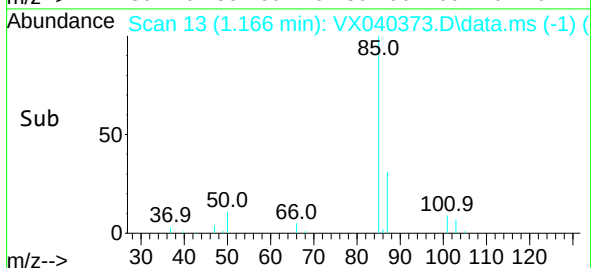
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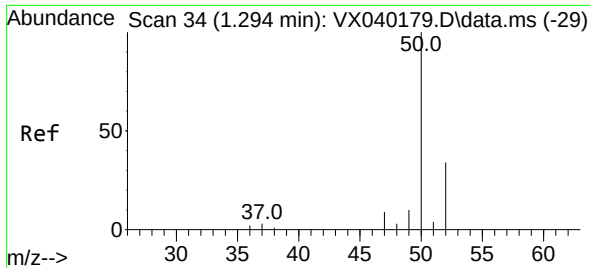


#2
Dichlorodifluoromethane
Concen: 20.742 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59



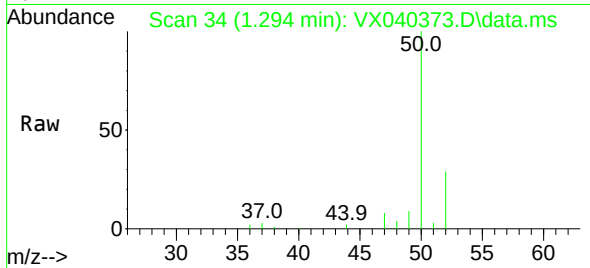
Tgt Ion: 85 Resp: 18045
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.1





#3
Chloromethane
Concen: 19.611 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

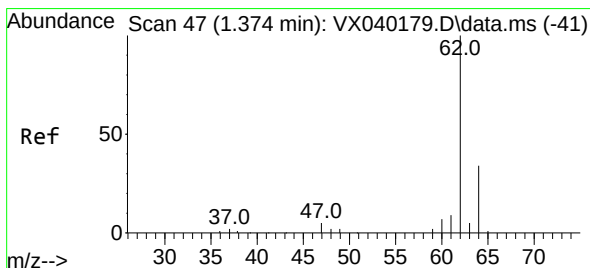
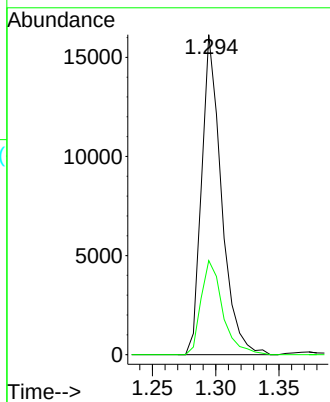
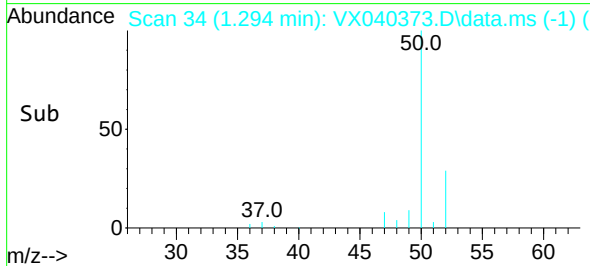
Instrument :
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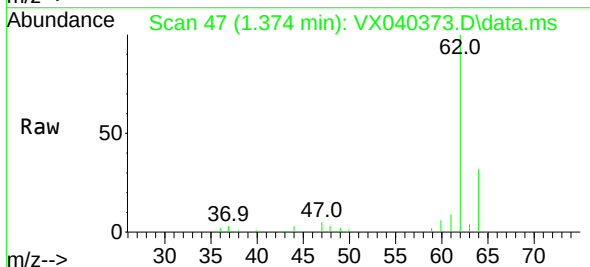
Tgt Ion: 50 Resp: 1759
Ion Ratio Lower Upper
50 100
52 29.4 25.5 38.3

Manual Integrations
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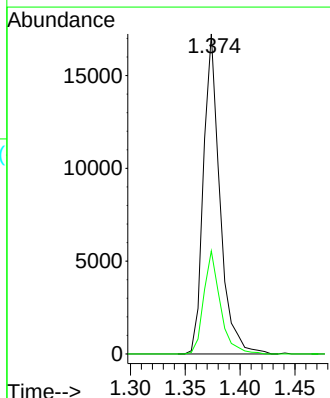
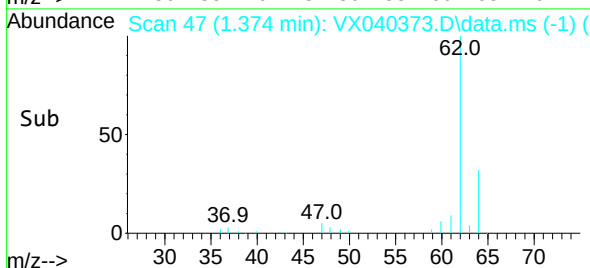
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

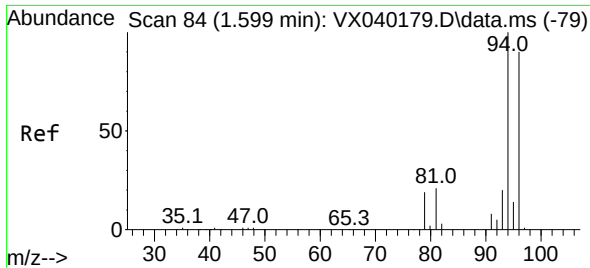


#4
Vinyl Chloride
Concen: 18.975 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59



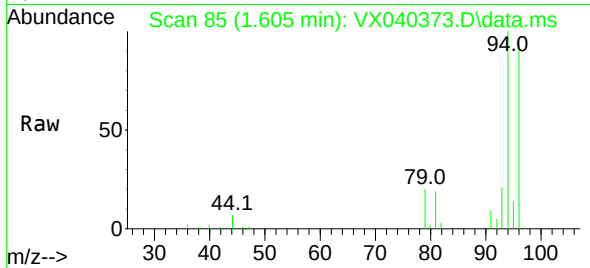
Tgt Ion: 62 Resp: 17989
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 23.776 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

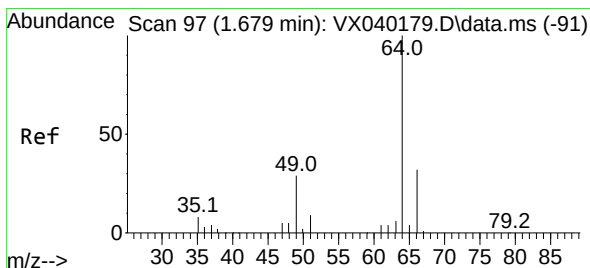
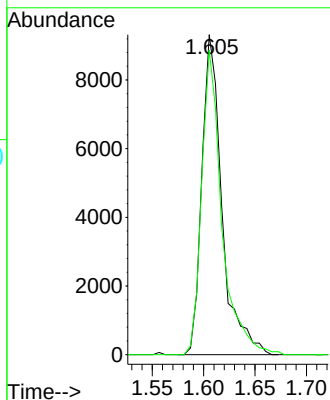
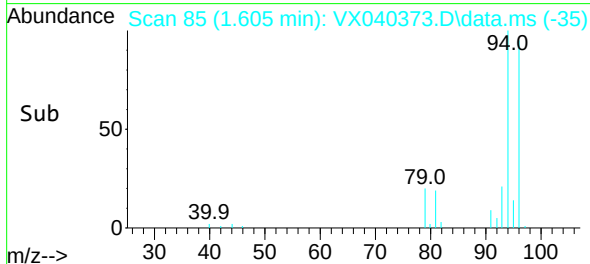
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 12720
Ion Ratio Lower Upper
94 100
96 95.2 74.6 111.8

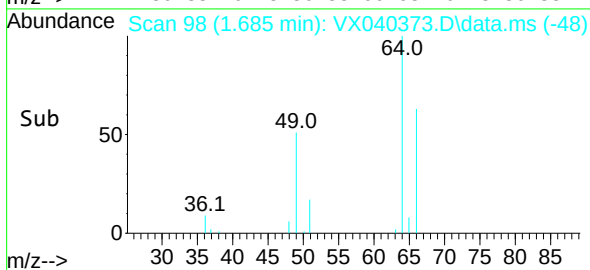
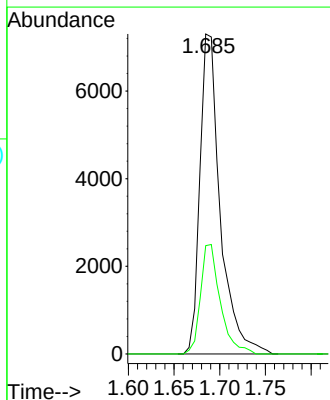
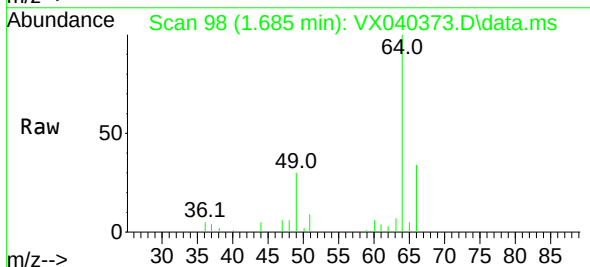
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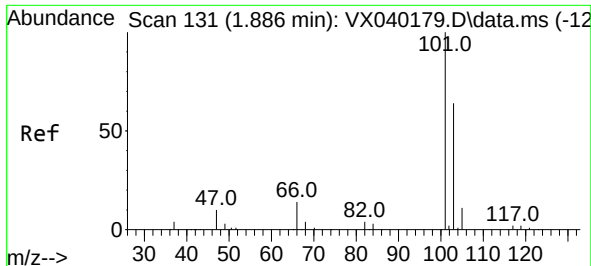
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#6
Chloroethane
Concen: 18.851 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040373.D
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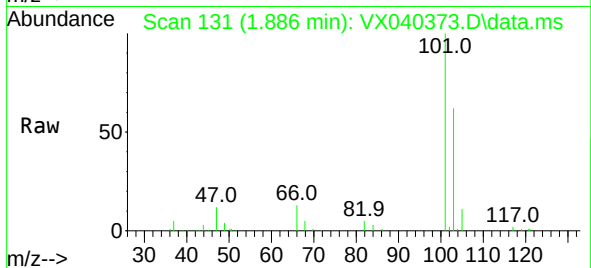
Tgt Ion: 64 Resp: 11271
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 19.257 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX040373.D
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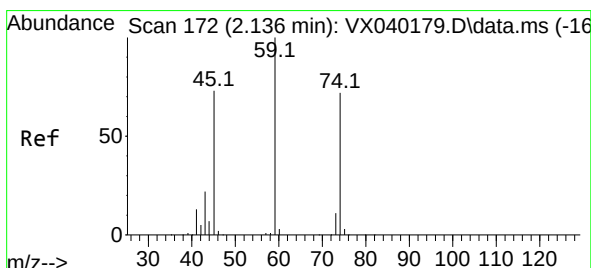
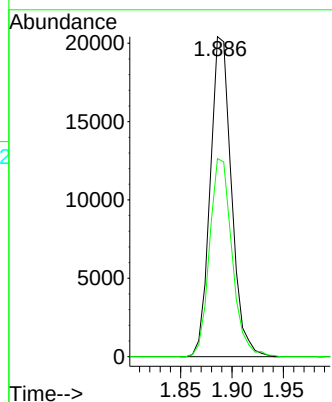
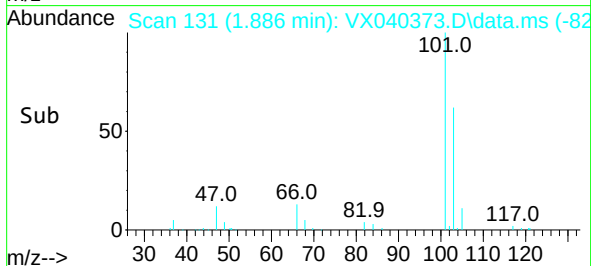
Instrument :
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Tgt Ion:101 Resp: 29318
Ion Ratio Lower Upper
101 100
103 61.9 51.4 77.2

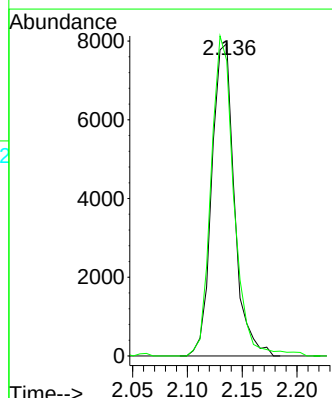
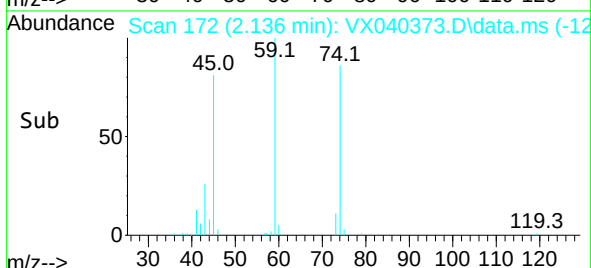
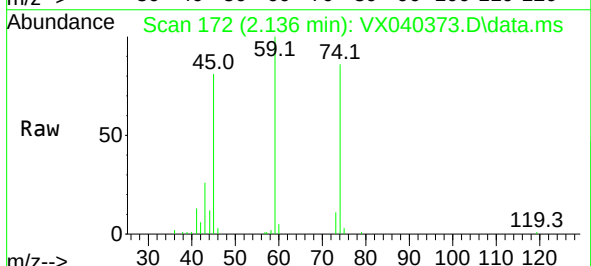
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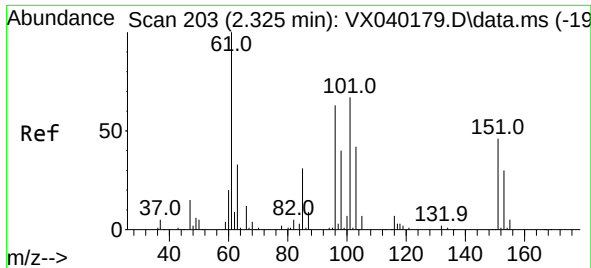
Reviewed By :John Carlone 02/22/2024
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#8
Diethyl Ether
Concen: 19.882 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 11371
Ion Ratio Lower Upper
74 100
45 104.0 53.3 159.8





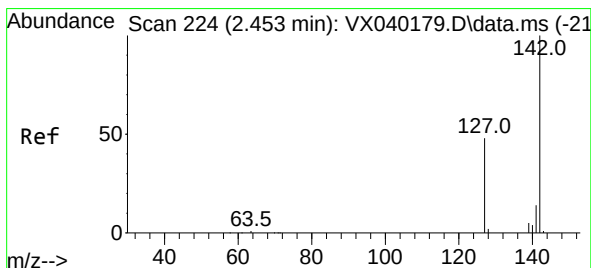
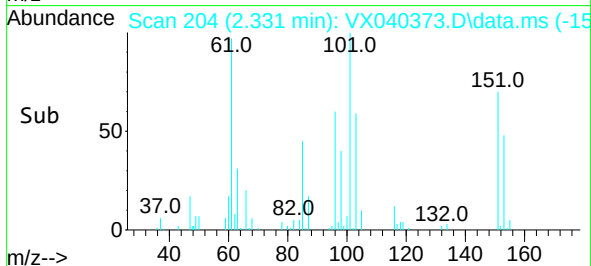
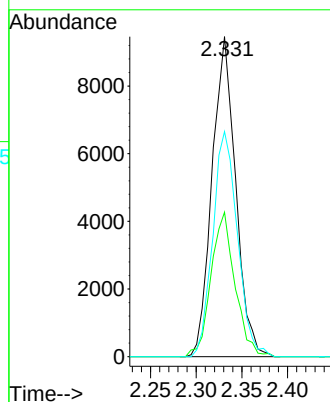
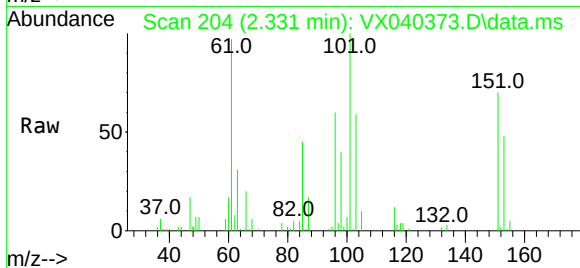
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.786 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040373.D
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Tgt Ion:101 Resp: 1697
Ion Ratio Lower Upper
101 100
85 45.9 37.0 55.6
151 73.6 58.6 87.8

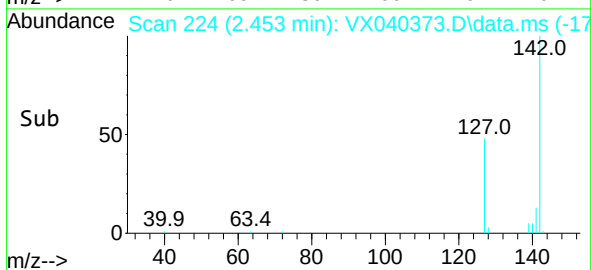
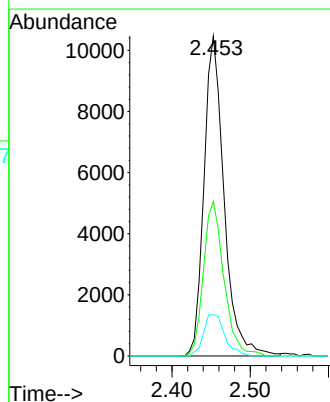
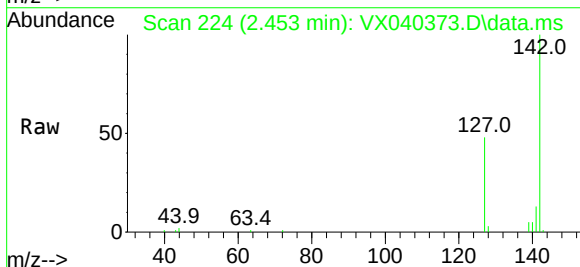
Manual Integrations
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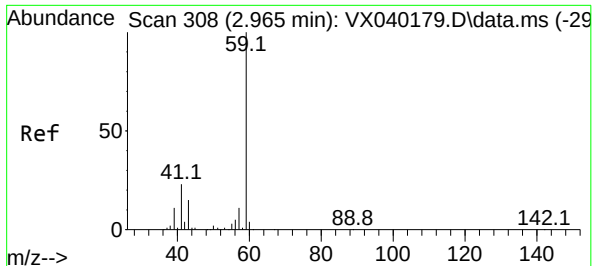
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#10
Methyl Iodide
Concen: 20.570 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Tgt Ion:142 Resp: 18650
Ion Ratio Lower Upper
142 100
127 49.2 41.6 62.4
141 13.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 101.711 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 59 Resp: 22700

Ion Ratio Lower Upper

59 100

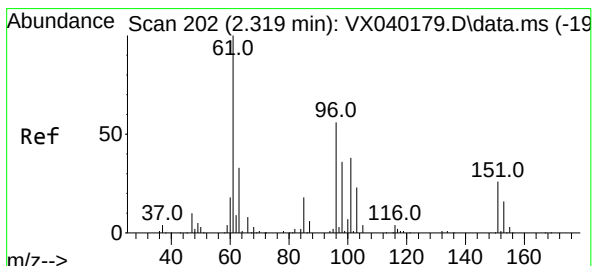
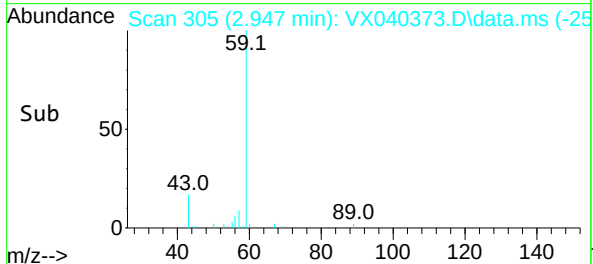
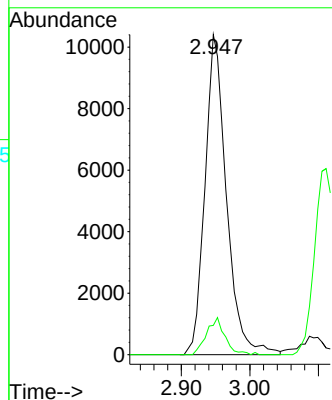
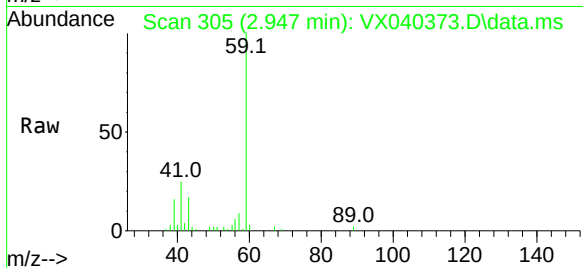
57 10.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#12

1,1-Dichloroethene

Concen: 19.431 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

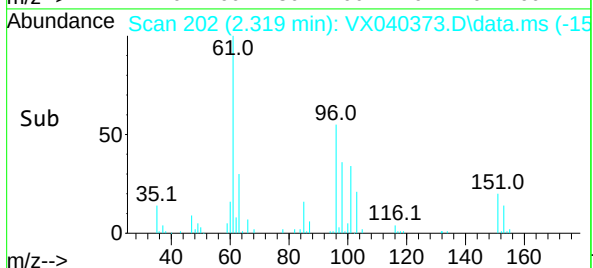
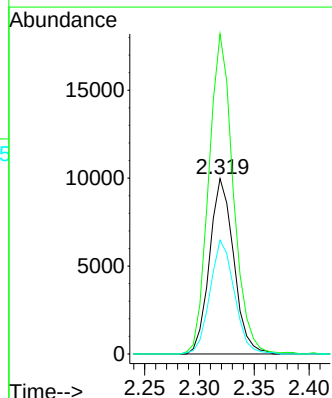
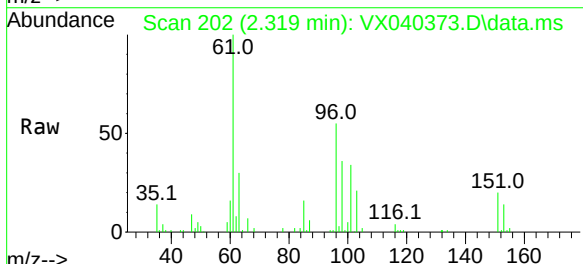
Tgt Ion: 96 Resp: 15279

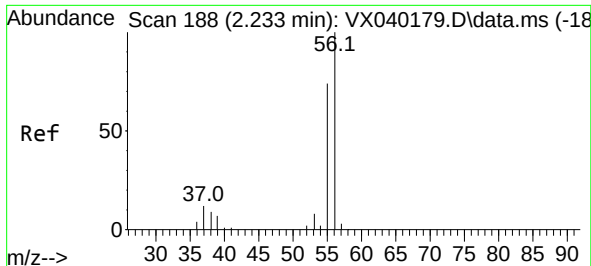
Ion Ratio Lower Upper

96 100

61 182.5 144.6 216.8

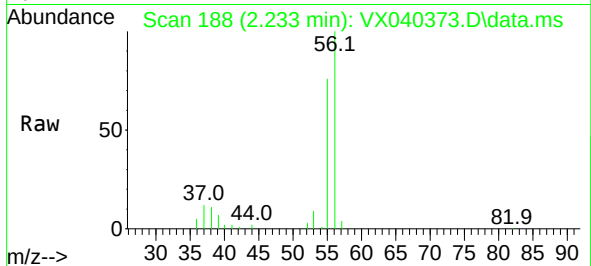
98 64.9 50.4 75.6





#13
Acrolein
Concen: 101.302 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

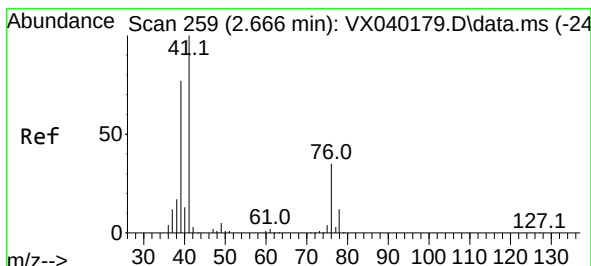
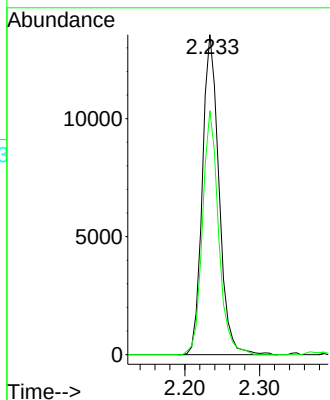
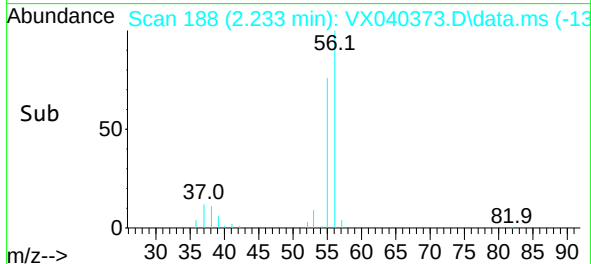
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 56 Resp: 2086
Ion Ratio Lower Upper
56 100
55 74.1 57.1 85.7

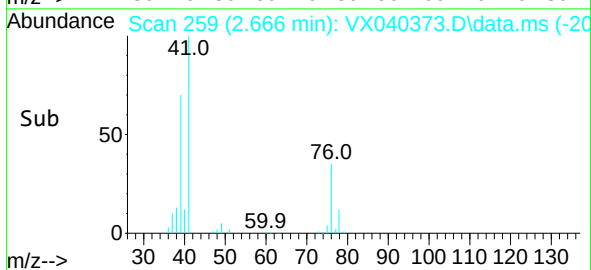
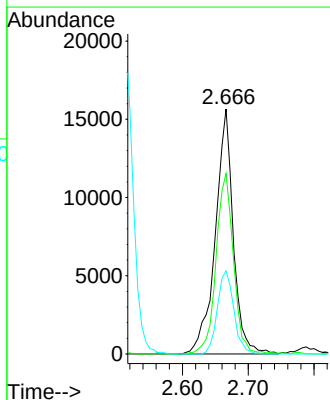
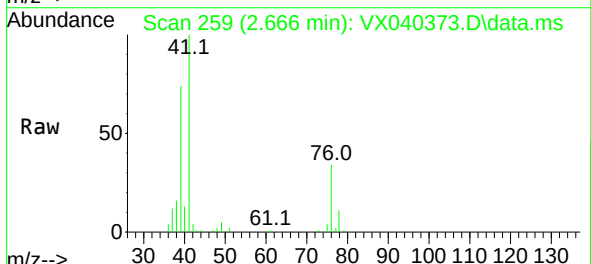
Manual Integrations
APPROVED

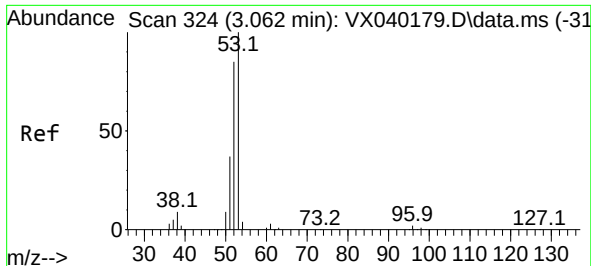
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#14
Allyl chloride
Concen: 21.901 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Tgt Ion: 41 Resp: 29886
Ion Ratio Lower Upper
41 100
39 71.5 55.8 83.6
76 30.9 24.3 36.5





#15

Acrylonitrile

Concen: 110.997 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 53 Resp: 55428

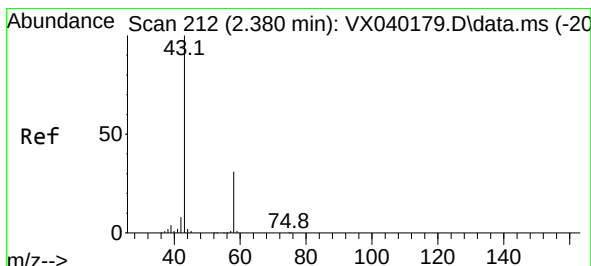
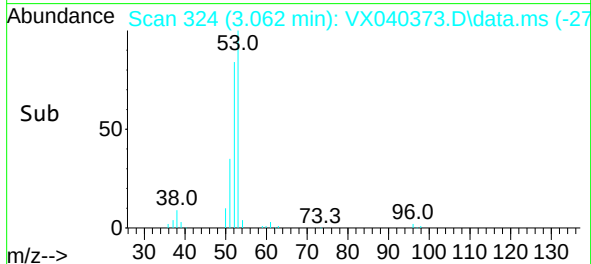
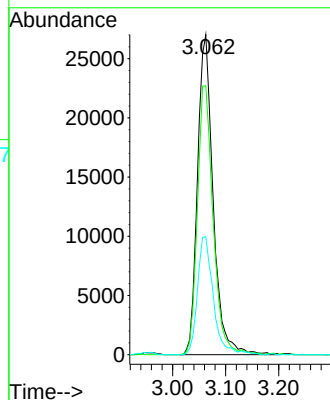
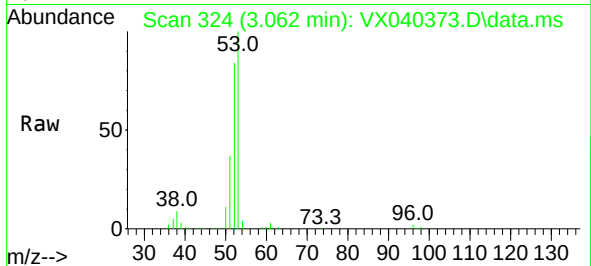
Ion	Ratio	Lower	Upper
53	100		
52	84.7	66.0	99.0
51	37.4	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#16

Acetone

Concen: 123.863 ug/l

RT: 2.374 min Scan# 211

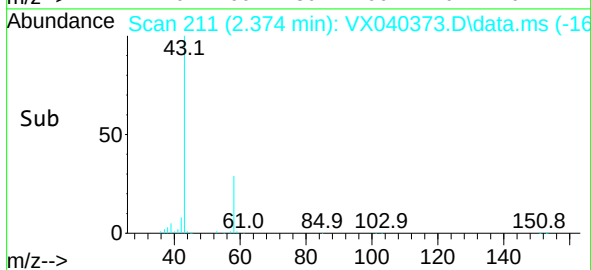
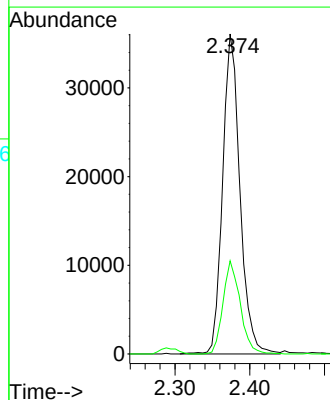
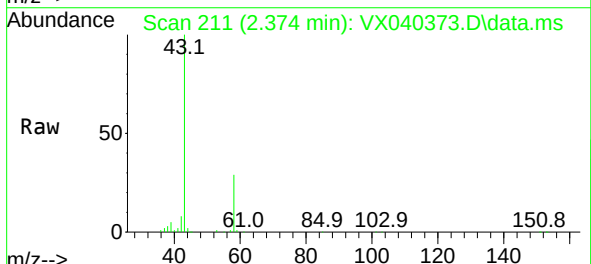
Delta R.T. -0.006 min

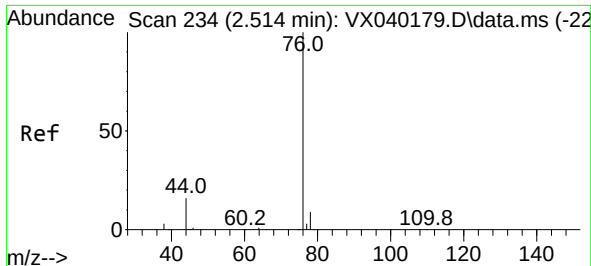
Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Tgt Ion: 43 Resp: 58288

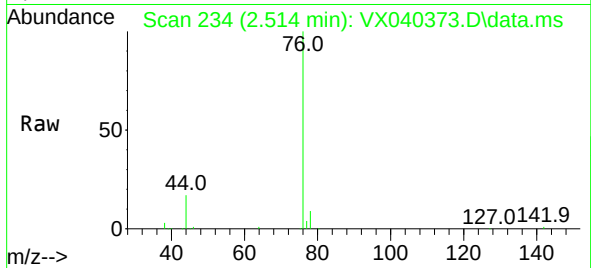
Ion	Ratio	Lower	Upper
43	100		
58	29.0	21.9	32.9





#17
Carbon Disulfide
Concen: 16.124 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

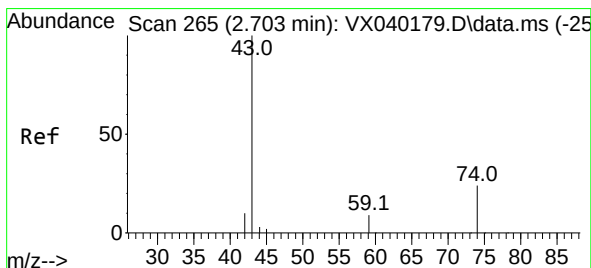
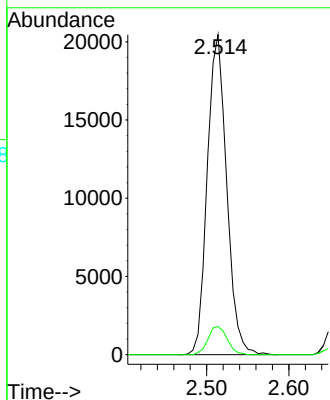
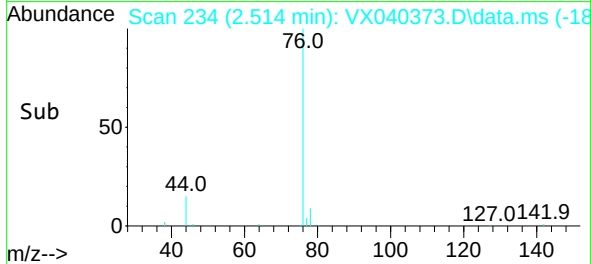
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 76 Resp: 3347
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

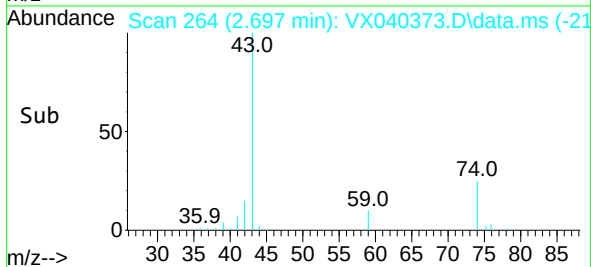
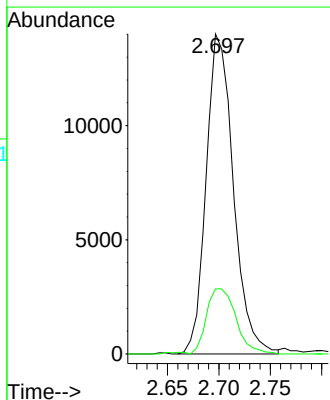
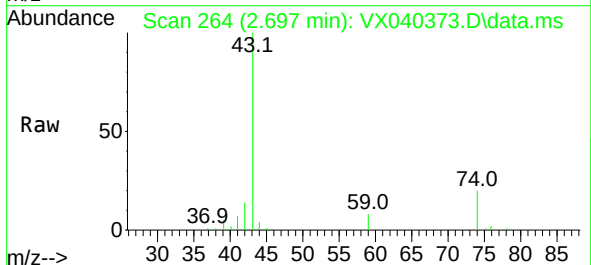
Manual Integrations
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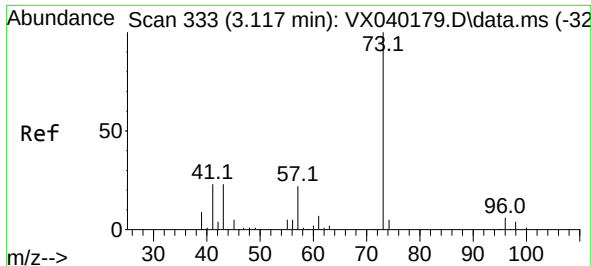
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#18
Methyl Acetate
Concen: 20.500 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

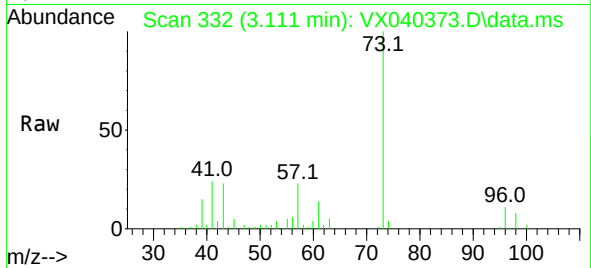
Tgt Ion: 43 Resp: 25861
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 21.998 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

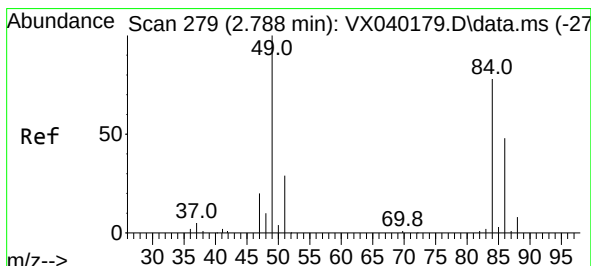
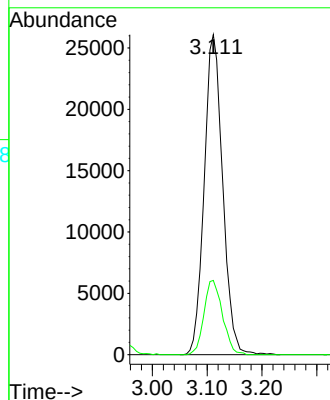
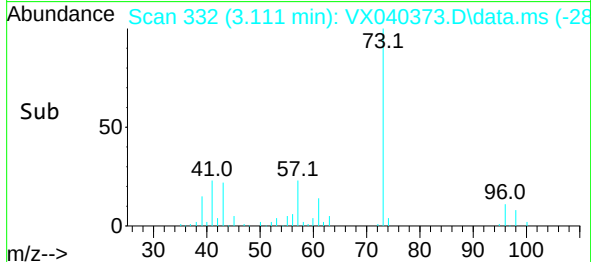
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 73 Resp: 60939
Ion Ratio Lower Upper
73 100
57 23.2 17.3 25.9

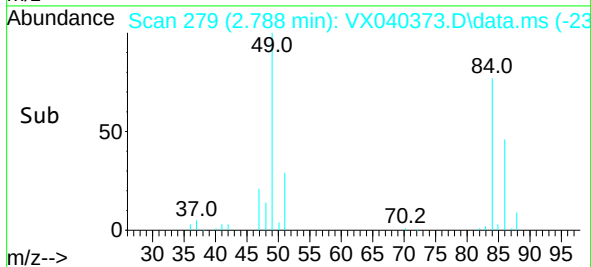
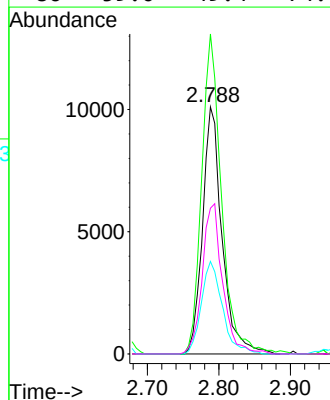
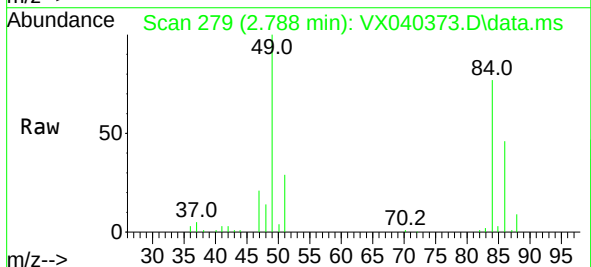
Manual Integrations
APPROVED

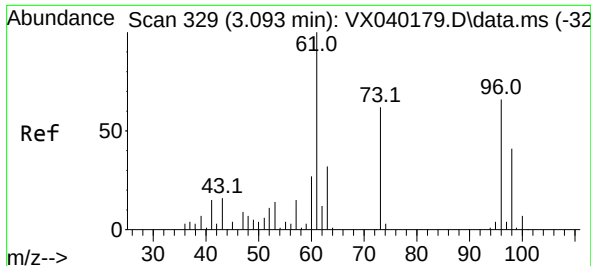
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#20
Methylene Chloride
Concen: 20.829 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

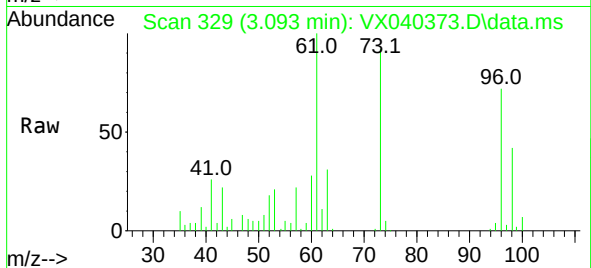
Tgt Ion: 84 Resp: 19196
Ion Ratio Lower Upper
84 100
49 129.6 103.6 155.4
51 37.4 33.8 50.6
86 59.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.566 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

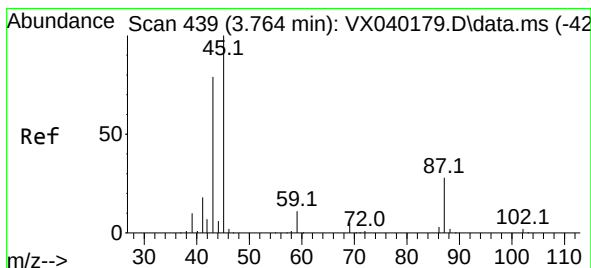
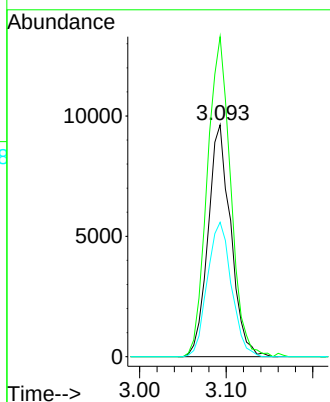
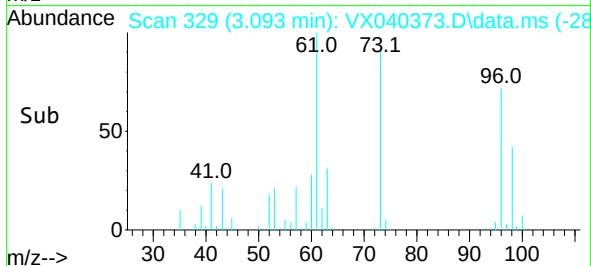
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



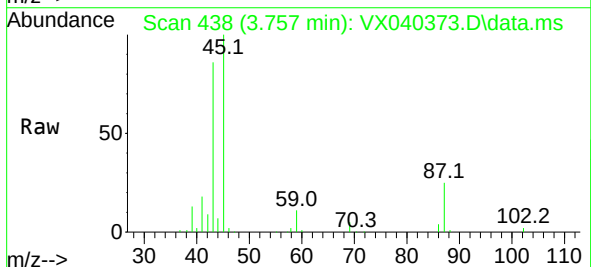
Tgt Ion: 96 Resp: 1752
Ion Ratio Lower Upper
96 100
61 138.0 119.2 178.8
98 58.0 48.7 73.1

Manual Integrations
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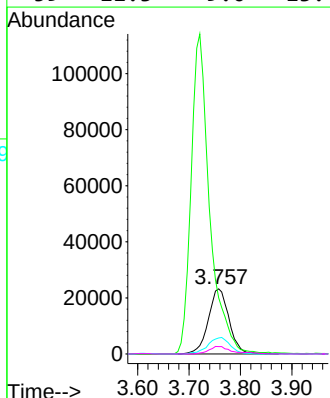
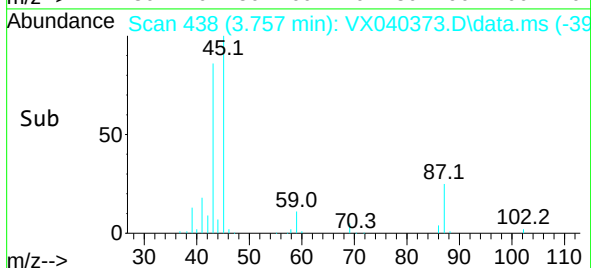
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

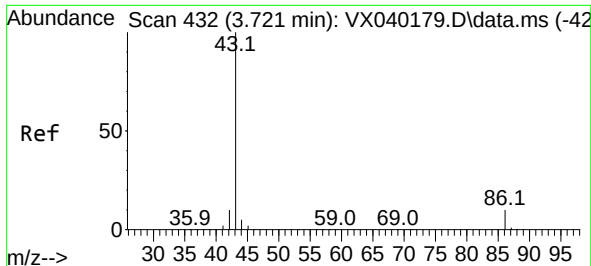


#22
Diisopropyl ether
Concen: 23.425 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59



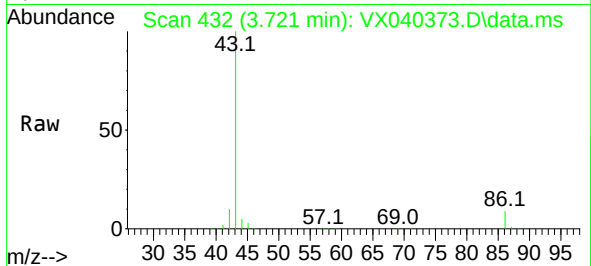
Tgt Ion: 45 Resp: 64826
Ion Ratio Lower Upper
45 100
43 84.7 69.7 104.5
87 24.7 20.8 31.2
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 116.770 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040373.D
 Acq: 21 Feb 2024 11:59

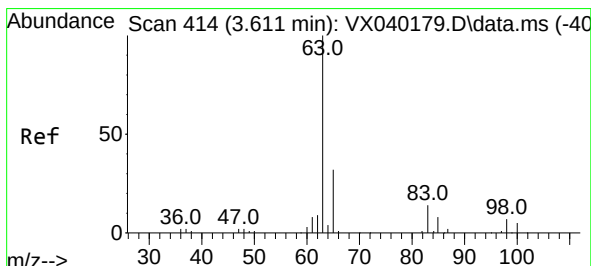
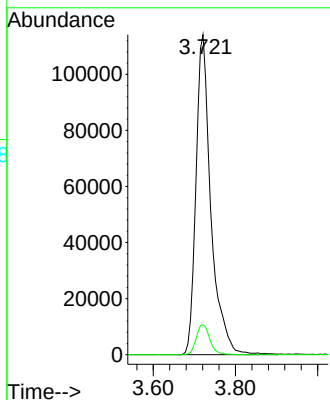
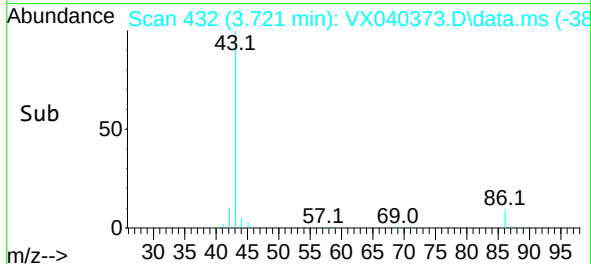
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01



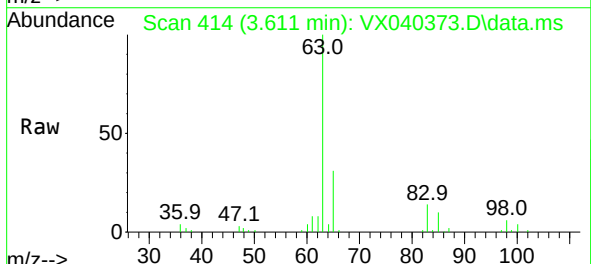
Tgt Ion: 43 Resp: 28807
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8

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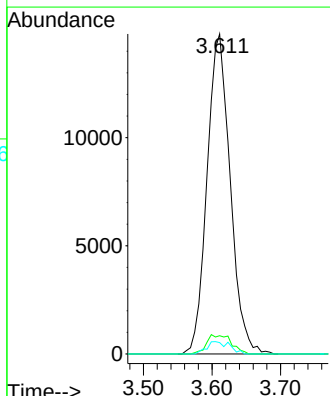
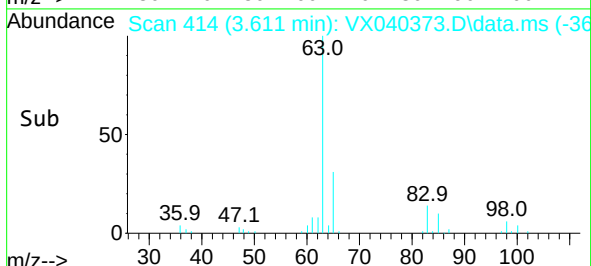
Reviewed By :John Carlone 02/22/2024
 Supervised By :Mahesh Dadoda 02/22/2024

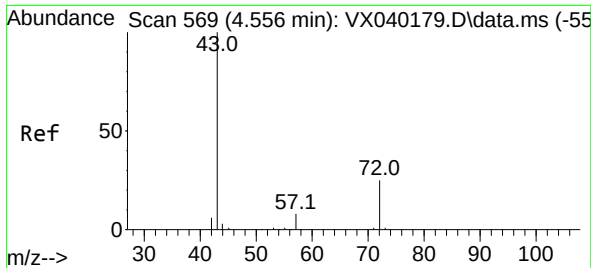


#24
 1,1-Dichloroethane
 Concen: 21.581 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040373.D
 Acq: 21 Feb 2024 11:59



Tgt Ion: 63 Resp: 34790
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.8
 100 3.5 2.1 6.5





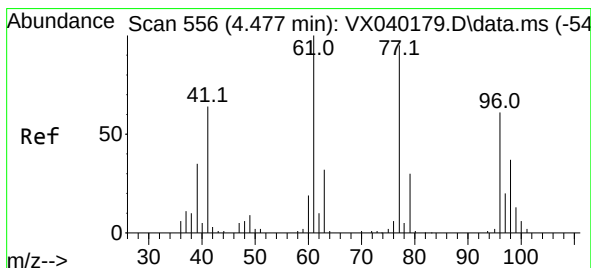
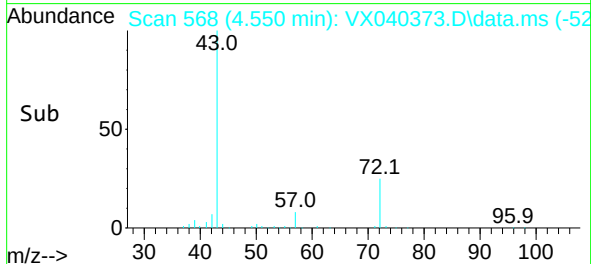
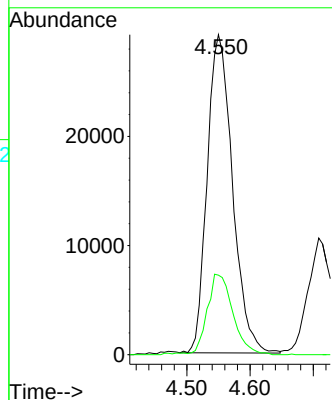
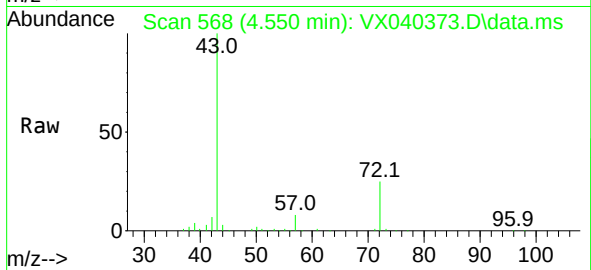
#25
2-Butanone
Concen: 110.292 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 43 Resp: 81129
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2

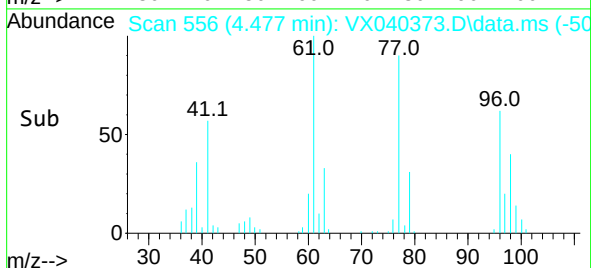
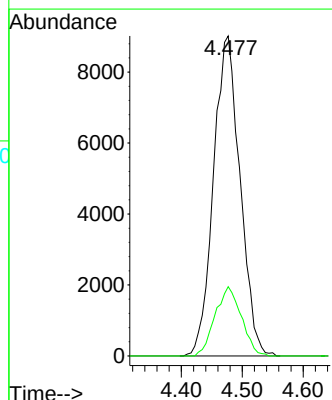
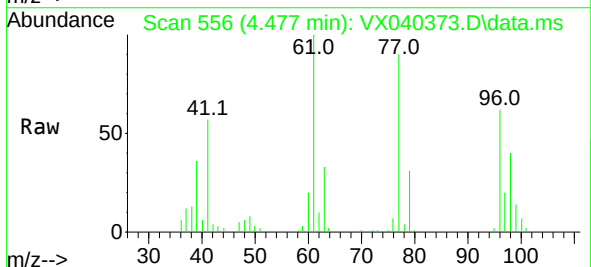
Manual Integrations
APPROVED

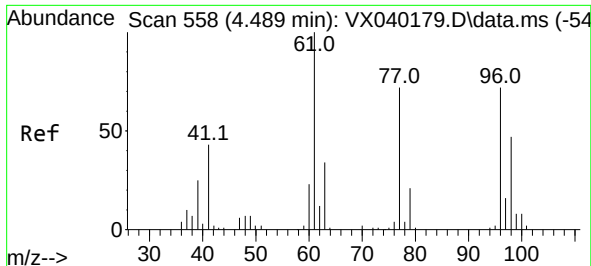
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#26
2,2-Dichloropropane
Concen: 22.013 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

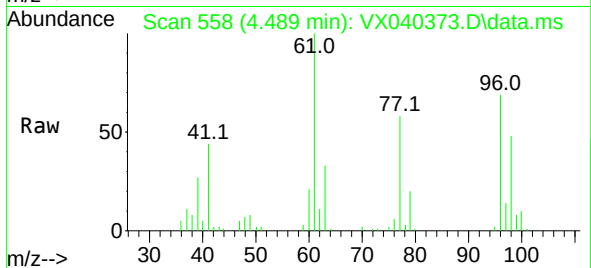
Tgt Ion: 77 Resp: 27317
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 20.767 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

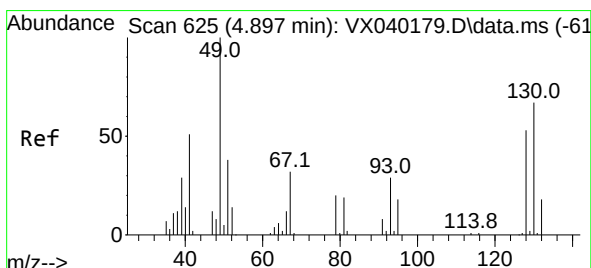
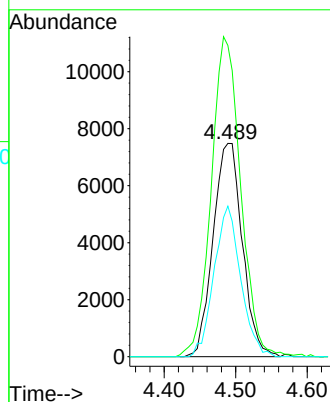
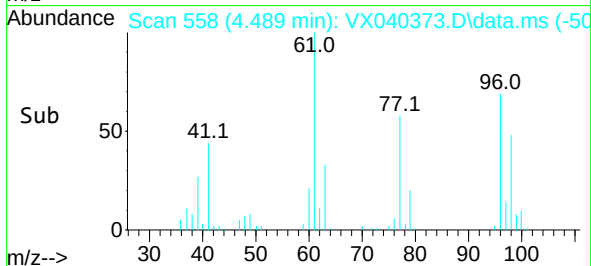
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



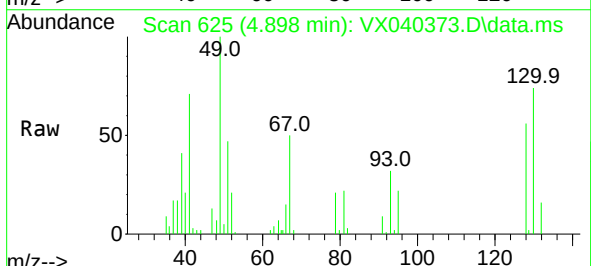
Tgt Ion: 96 Resp: 21210
Ion Ratio Lower Upper
96 100
61 151.8 0.0 312.2
98 64.6 0.0 129.0

Manual Integrations
APPROVED

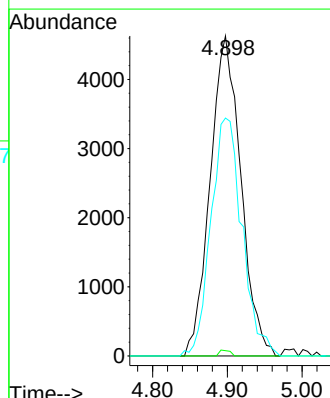
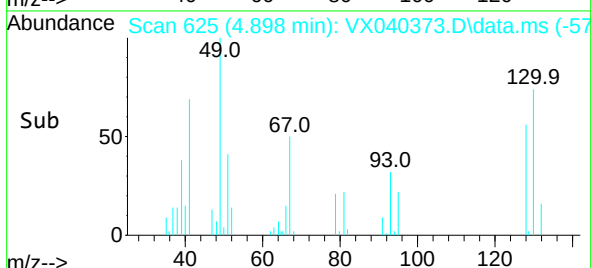
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

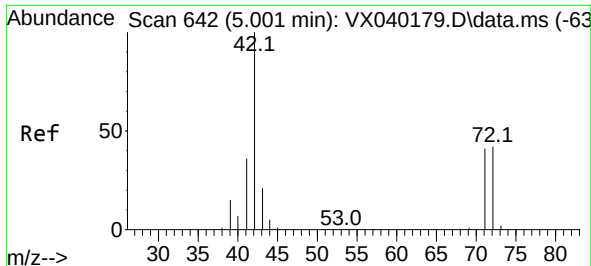


#28
Bromochloromethane
Concen: 19.327 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59



Tgt Ion: 49 Resp: 13228
Ion Ratio Lower Upper
49 100
129 0.6 0.0 3.8
130 75.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 107.804 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

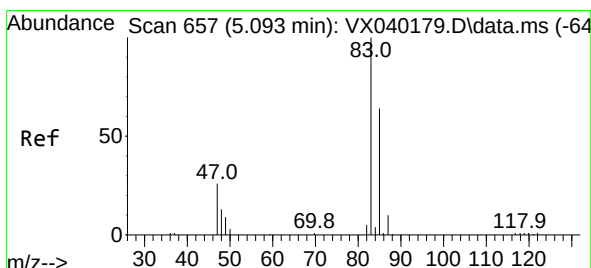
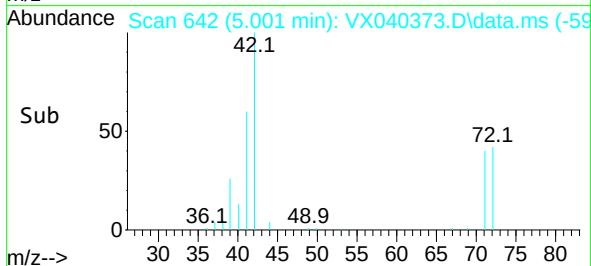
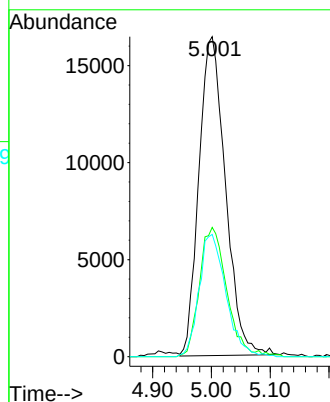
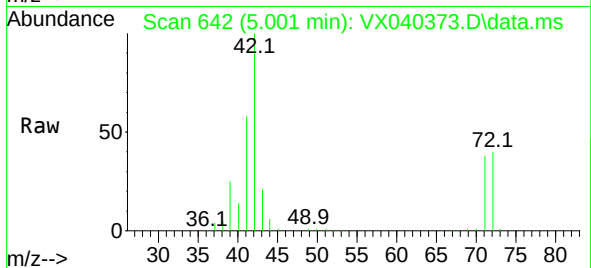
Tgt Ion:	42	Resp:	5166
Ion Ratio	Lower	Upper	
42	100		
72	42.0	34.2	51.4
71	38.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#30

Chloroform

Concen: 21.277 ug/l

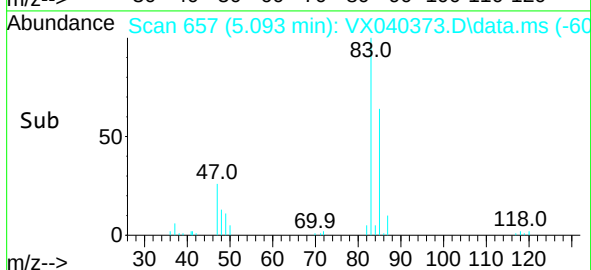
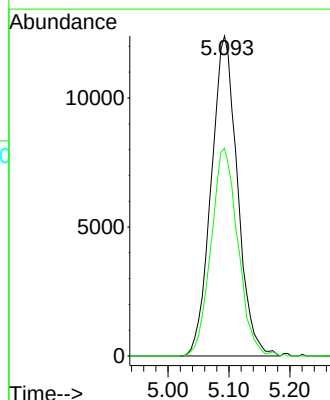
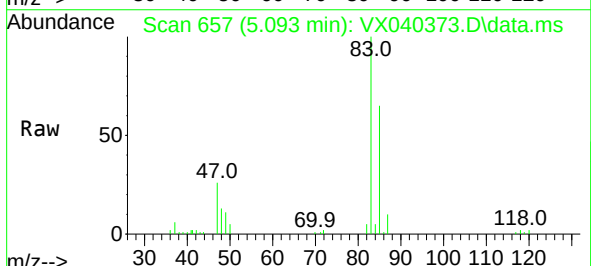
RT: 5.093 min Scan# 657

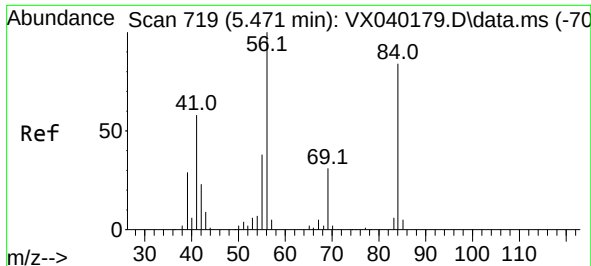
Delta R.T. -0.006 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

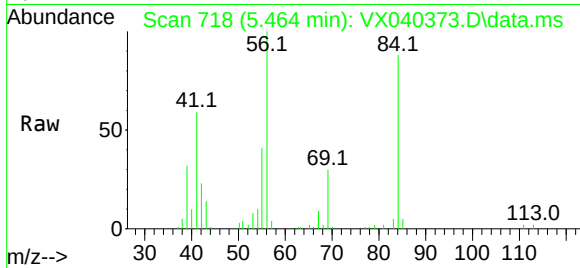
Tgt Ion:	83	Resp:	37084
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.3	75.5





#31
Cyclohexane
Concen: 18.983 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

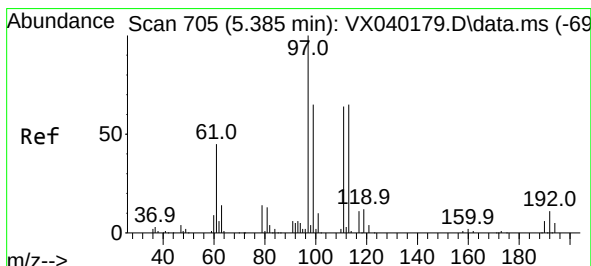
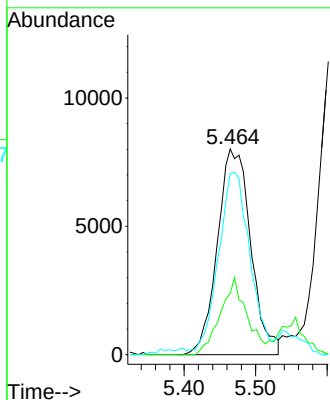
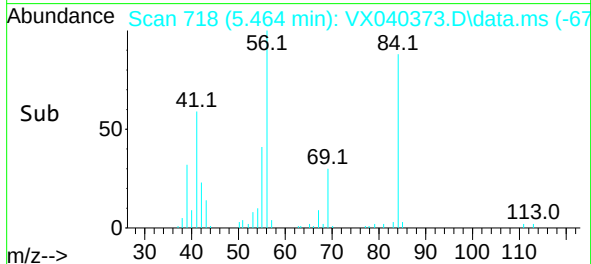
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



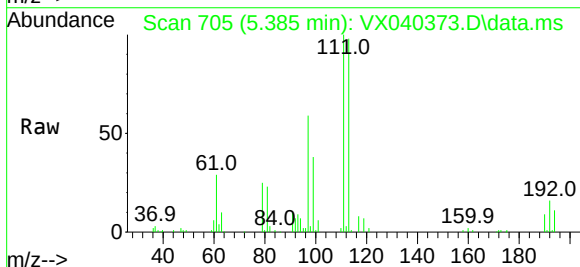
Tgt Ion: 56 Resp: 2594
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 85.8 65.9 98.9

Manual Integrations
APPROVED

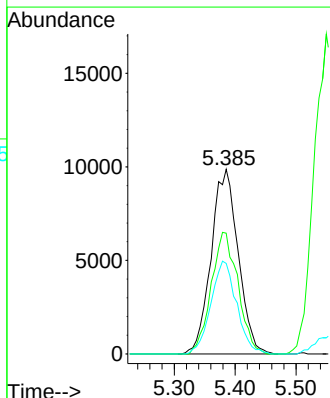
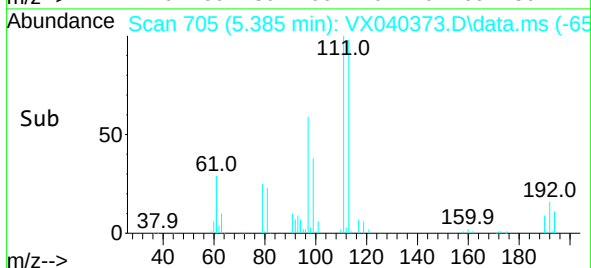
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

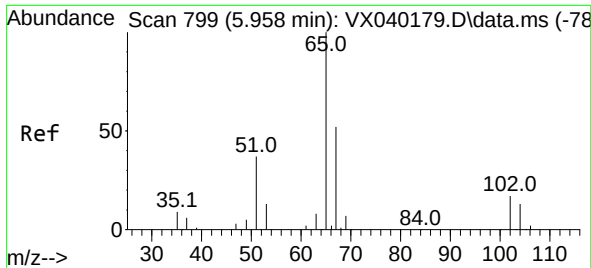


#32
1,1,1-Trichloroethane
Concen: 20.736 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59



Tgt Ion: 97 Resp: 30404
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 47.8 36.4 54.6





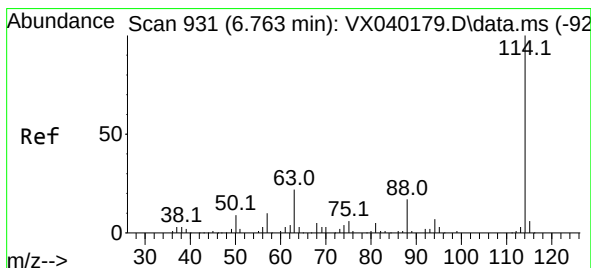
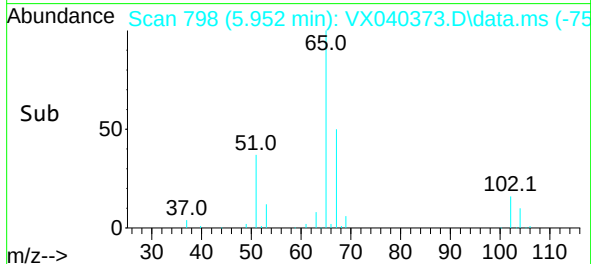
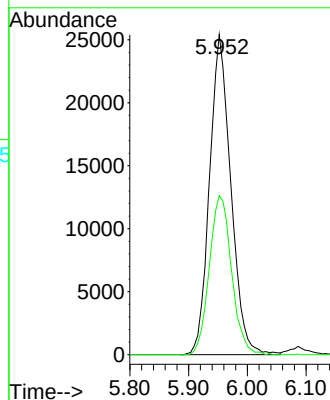
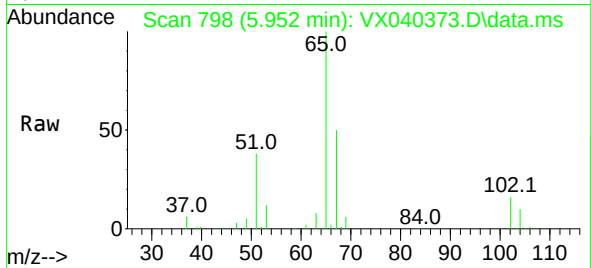
#33
1,2-Dichloroethane-d4
Concen: 55.866 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 65 Resp: 6401
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

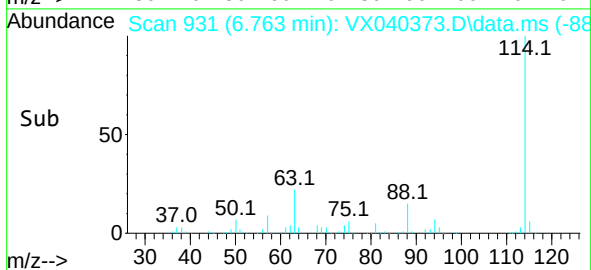
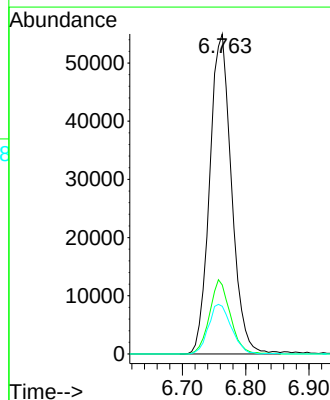
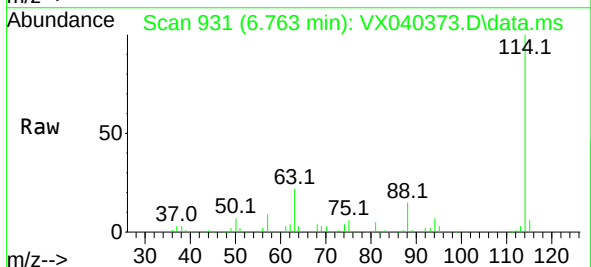
Manual Integrations
APPROVED

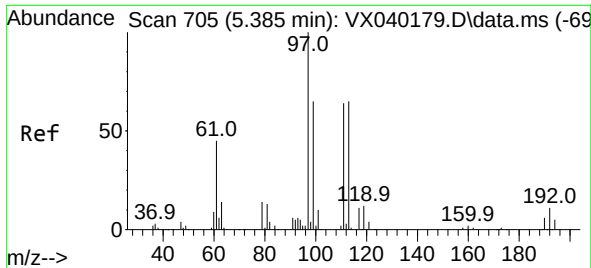
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

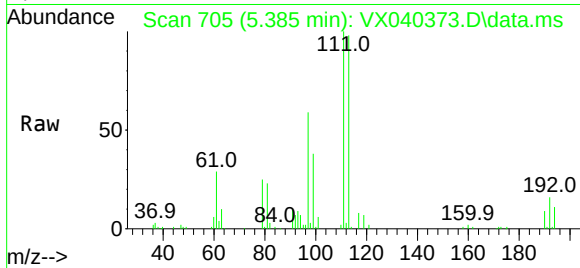
Tgt Ion:114 Resp: 131962
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 14.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 52.204 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

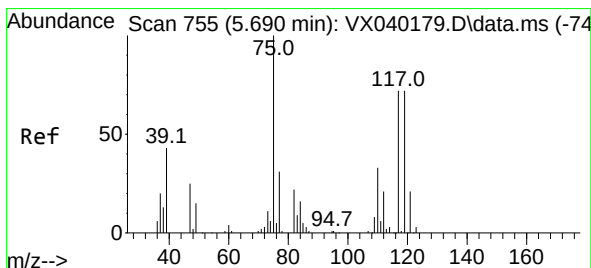
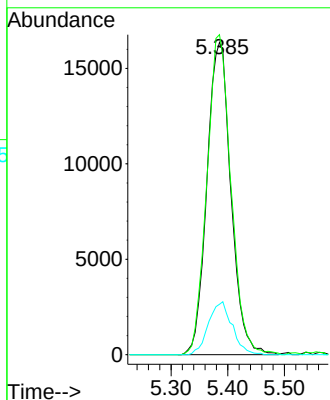
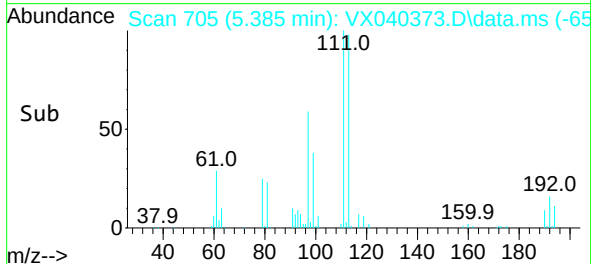
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion:113 Resp: 48109
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.8 13.3 19.9

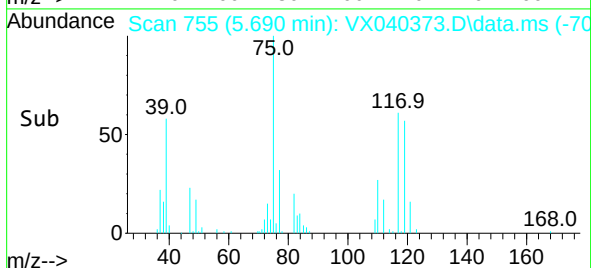
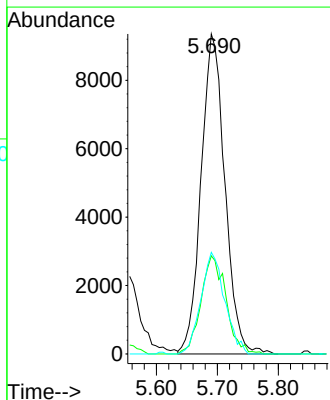
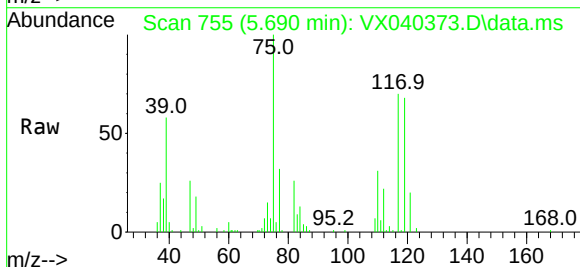
Manual Integrations
APPROVED

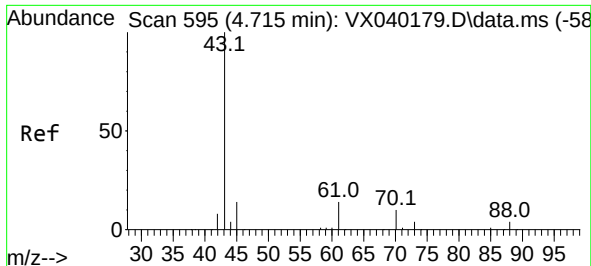
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#36
1,1-Dichloropropene
Concen: 19.667 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

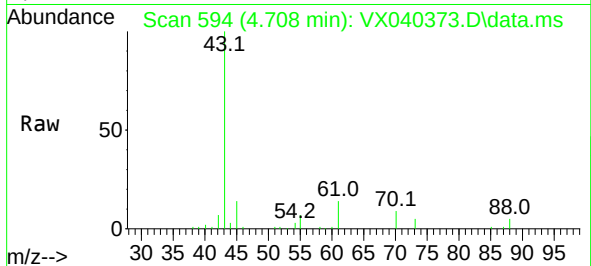
Tgt Ion: 75 Resp: 25389
Ion Ratio Lower Upper
75 100
110 32.3 17.0 50.9
77 31.8 24.7 37.1





#37
Ethyl Acetate
Concen: 20.728 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

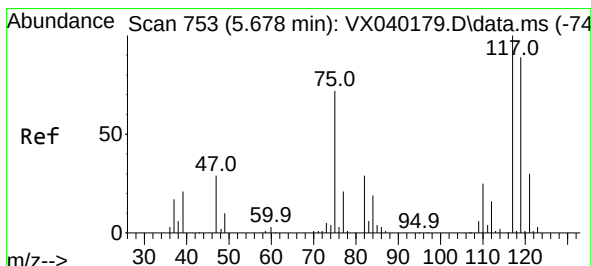
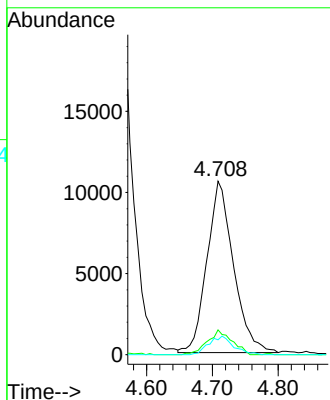
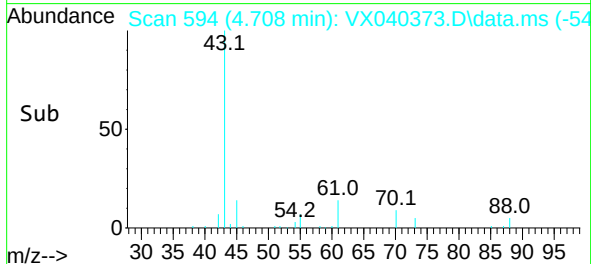
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 43 Resp: 29774
Ion Ratio Lower Upper
43 100
61 13.2 10.6 16.0
70 10.0 8.3 12.5

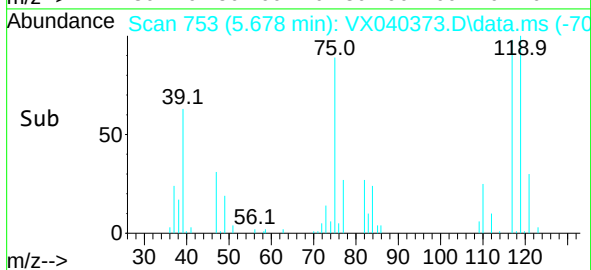
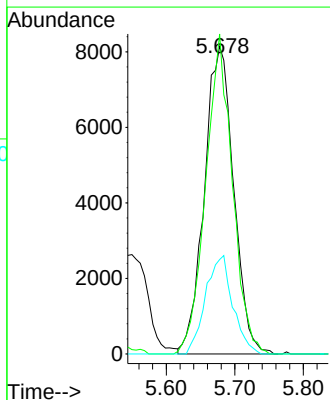
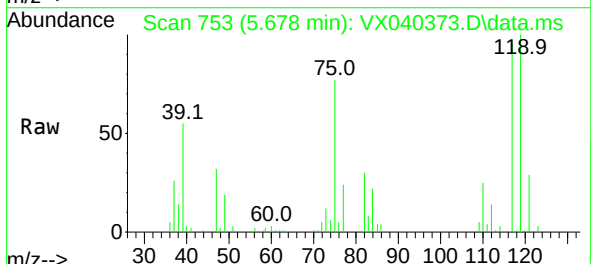
Manual Integrations
APPROVED

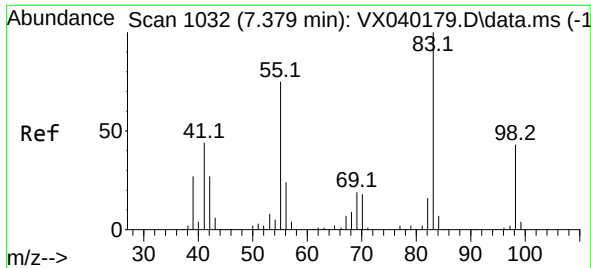
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#38
Carbon Tetrachloride
Concen: 19.761 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

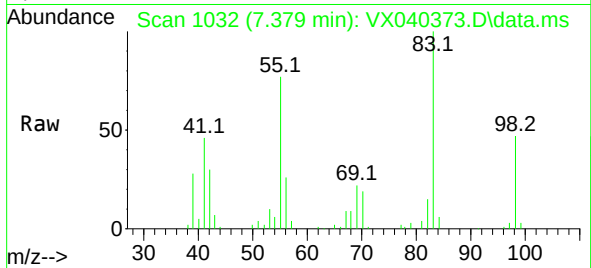
Tgt Ion:117 Resp: 24255
Ion Ratio Lower Upper
117 100
119 104.0 78.2 117.2
121 30.7 24.4 36.6





#39
Methylcyclohexane
Concen: 17.806 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

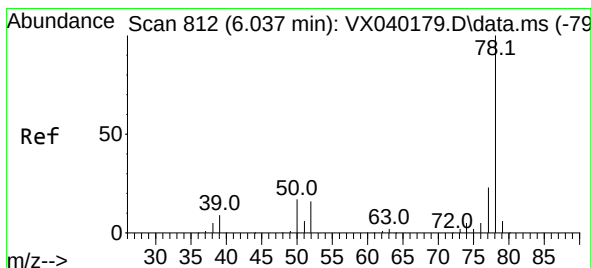
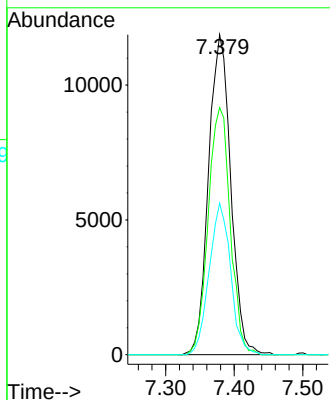
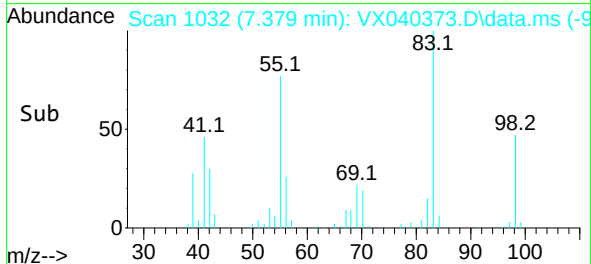
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



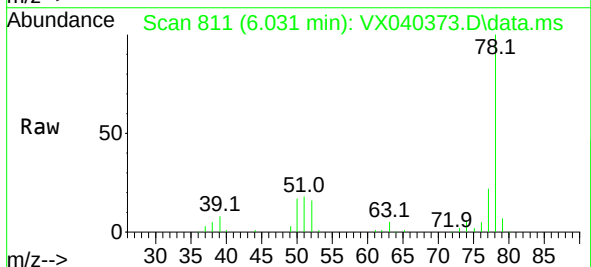
Tgt Ion: 83 Resp: 2671
Ion Ratio Lower Upper
83 100
55 77.2 64.6 97.0
98 47.4 36.7 55.1

Manual Integrations
APPROVED

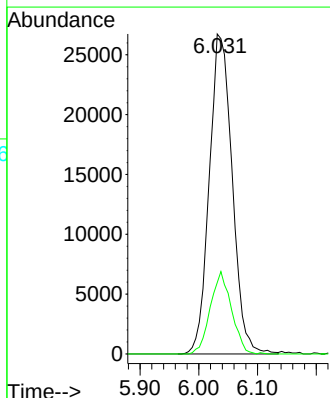
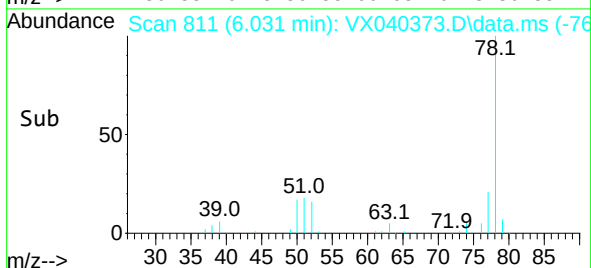
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

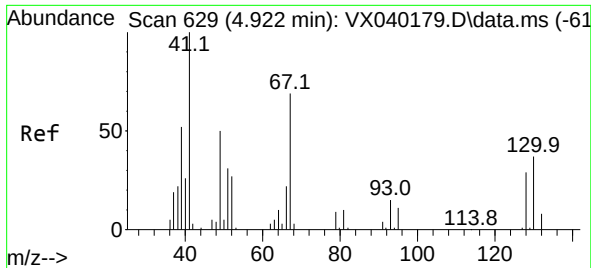


#40
Benzene
Concen: 20.078 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59



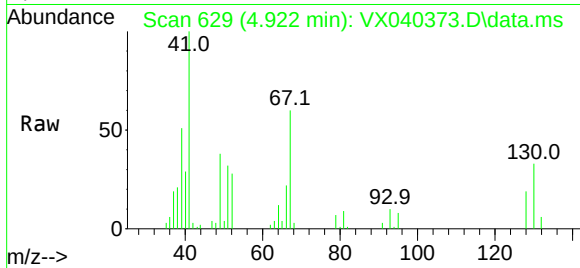
Tgt Ion: 78 Resp: 72482
Ion Ratio Lower Upper
78 100
77 22.3 19.3 28.9





#41
Methacrylonitrile
Concen: 22.293 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

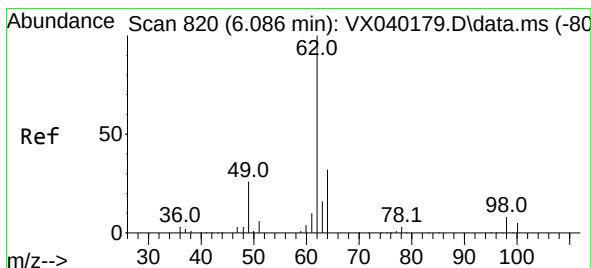
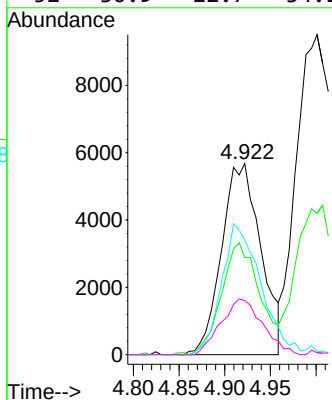
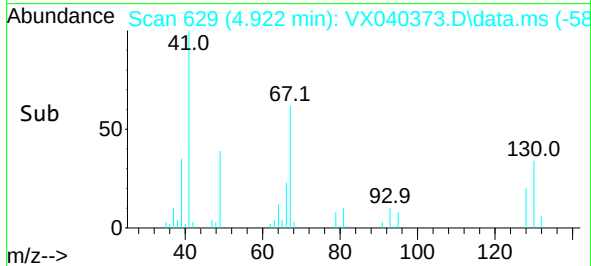
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion:	41	Resp:	16970
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.2	67.8
67	68.3	52.6	78.8
52	30.9	22.7	34.1

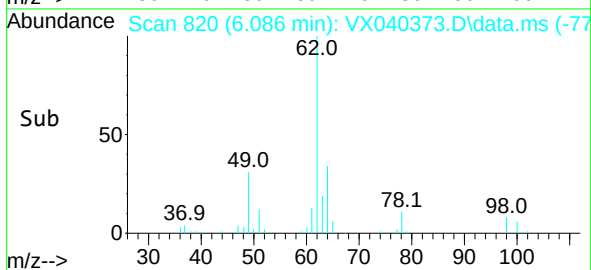
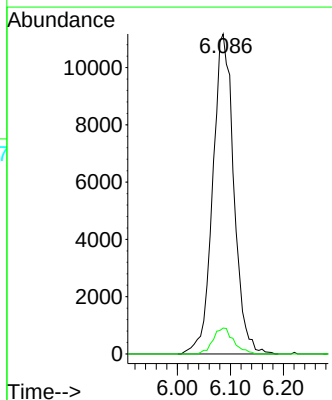
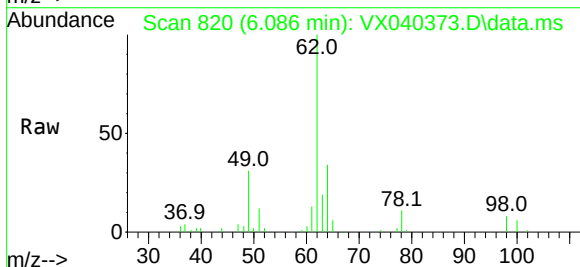
Manual Integrations
APPROVED

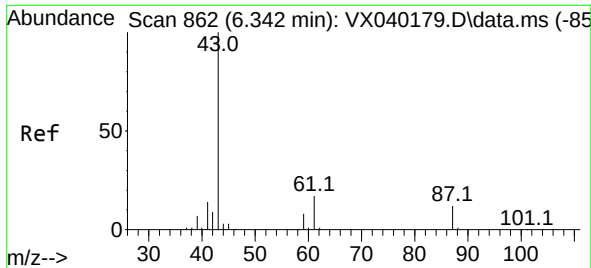
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#42
1,2-Dichloroethane
Concen: 21.857 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

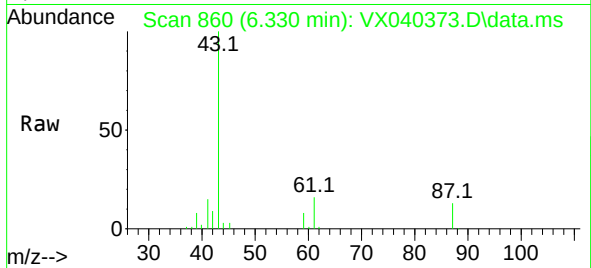
Tgt Ion:	62	Resp:	30842
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.0





#43
Isopropyl Acetate
Concen: 21.995 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

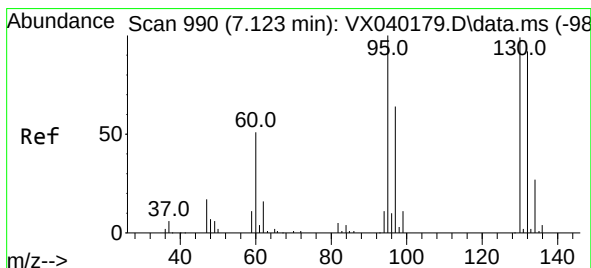
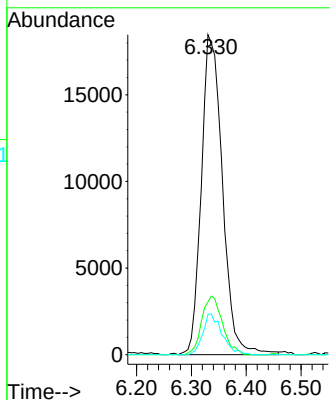
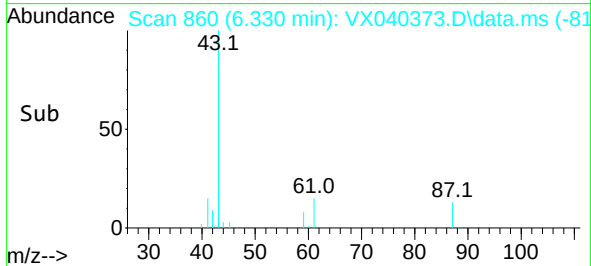
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 43 Resp: 49319
Ion Ratio Lower Upper
43 100
61 17.9 15.2 22.8
87 11.7 9.8 14.6

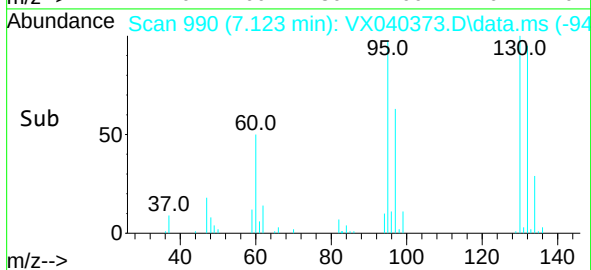
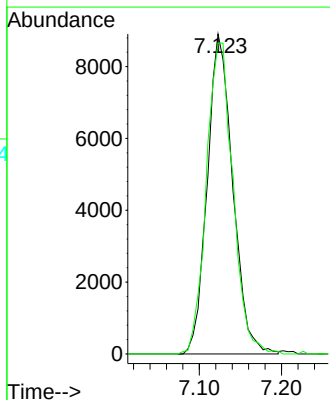
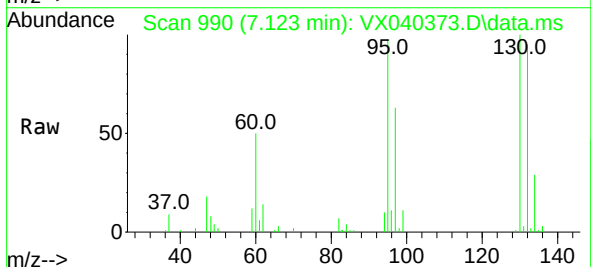
Manual Integrations
APPROVED

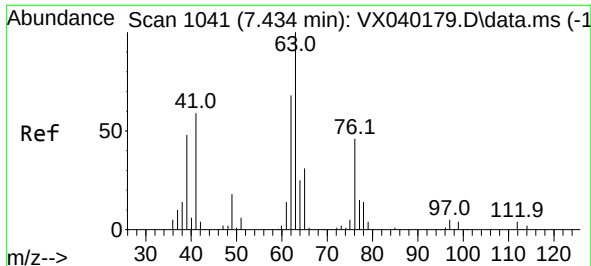
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#44
Trichloroethene
Concen: 19.287 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Tgt Ion:130 Resp: 19206
Ion Ratio Lower Upper
130 100
95 97.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 21.425 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 63 Resp: 2013

Ion Ratio Lower Upper

63 100

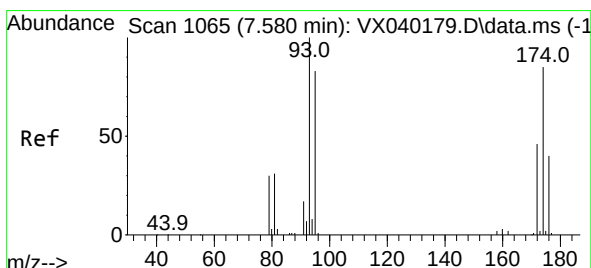
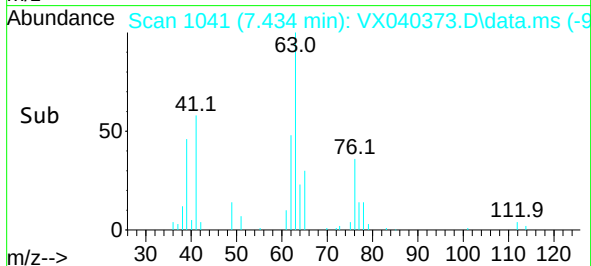
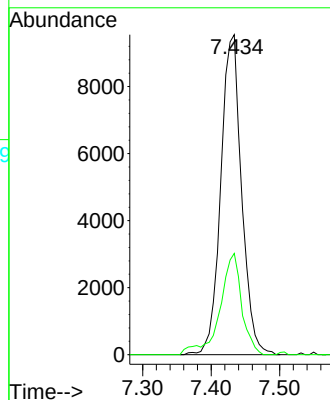
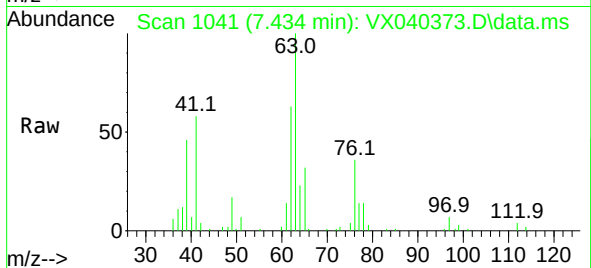
65 31.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#46

Dibromomethane

Concen: 21.035 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

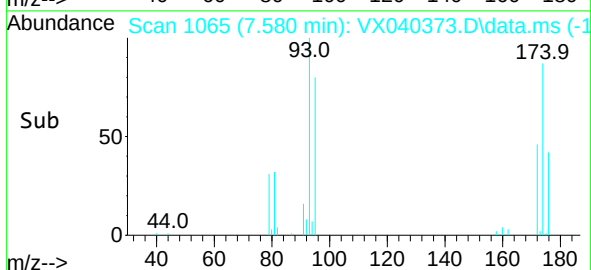
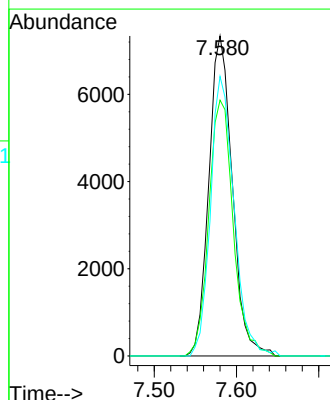
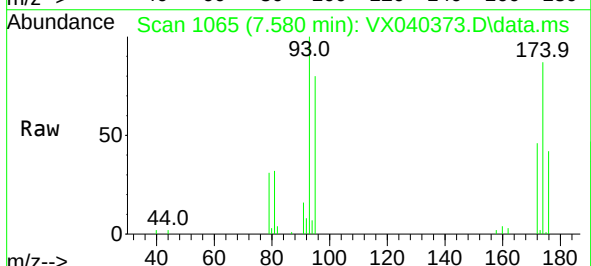
Tgt Ion: 93 Resp: 14557

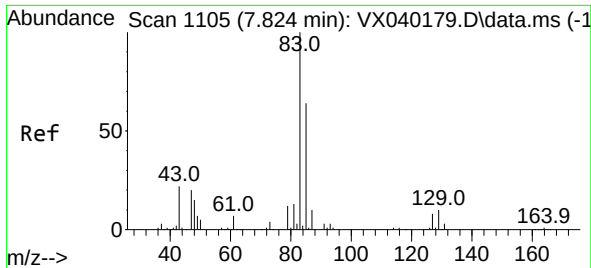
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

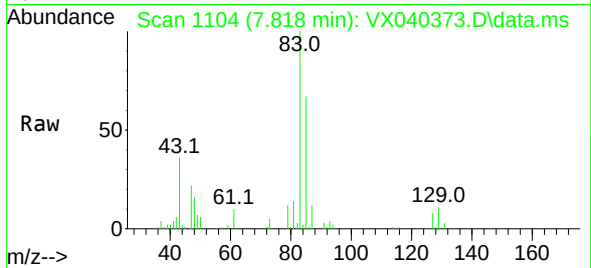
174 87.8 69.4 104.0





#47
Bromodichloromethane
Concen: 21.494 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

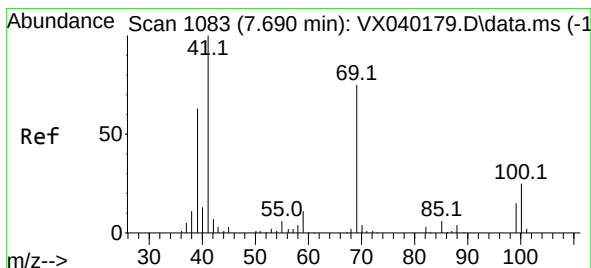
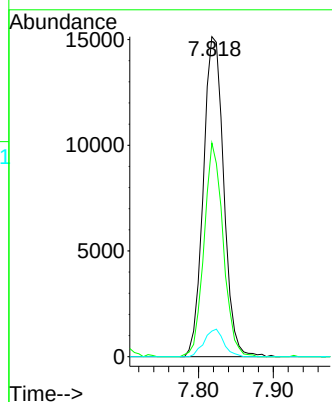
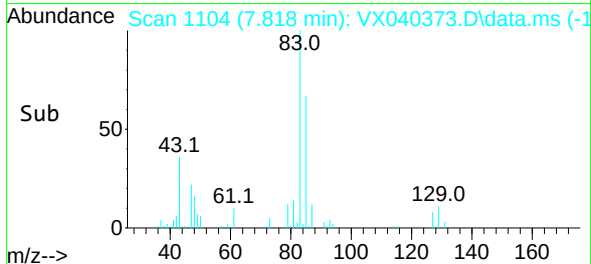
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 83 Resp: 28660
Ion Ratio Lower Upper
83 100
85 66.8 49.8 74.6
127 8.0 7.1 10.7

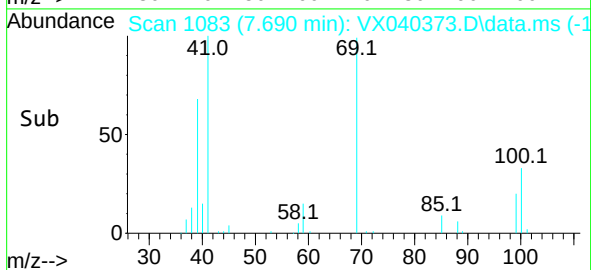
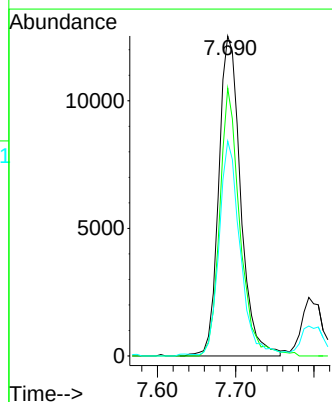
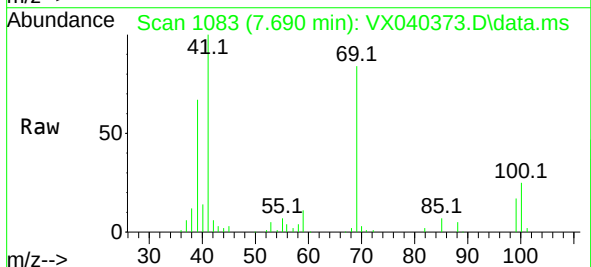
Manual Integrations
APPROVED

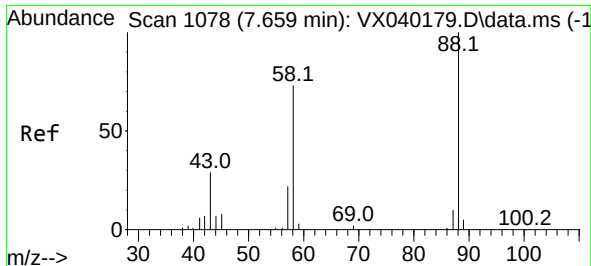
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#48
Methyl methacrylate
Concen: 21.187 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

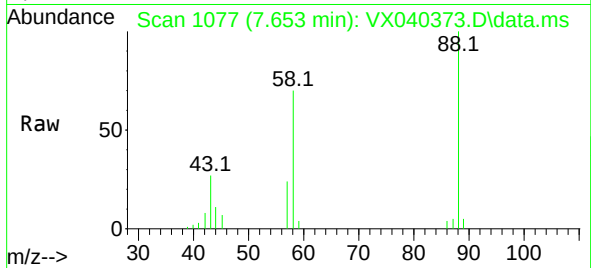
Tgt Ion: 41 Resp: 24309
Ion Ratio Lower Upper
41 100
69 77.4 59.2 88.8
39 64.1 47.7 71.5





#49
1,4-Dioxane
Concen: 354.882 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

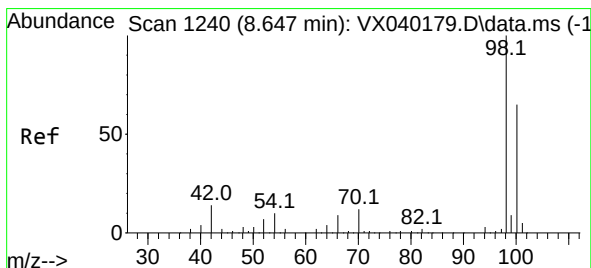
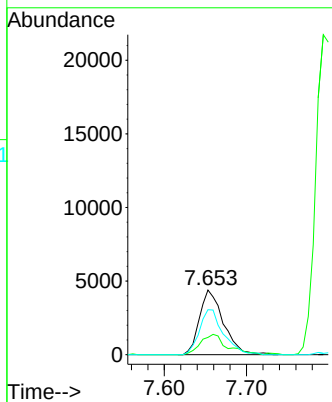
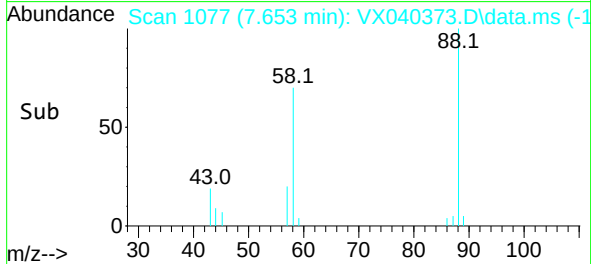
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 88 Resp: 8858
Ion Ratio Lower Upper
88 100
43 34.5 0.0 0.0
58 69.6 60.1 90.1

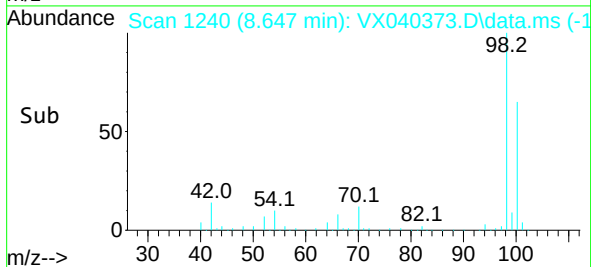
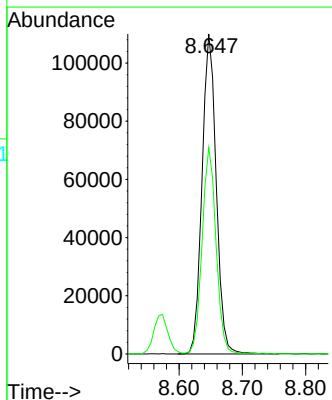
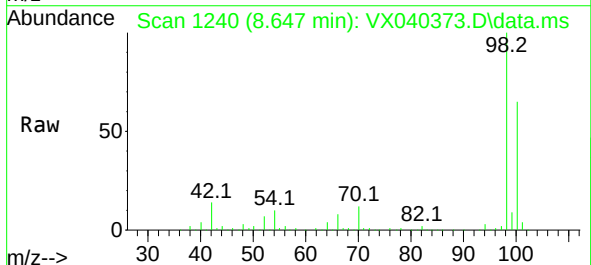
Manual Integrations
APPROVED

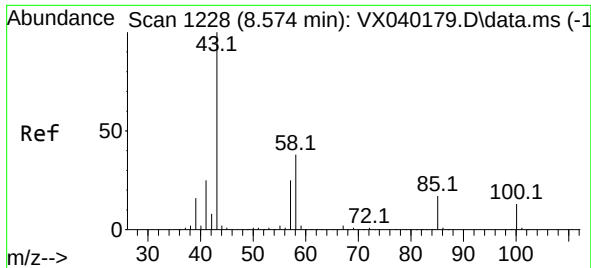
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#50
Toluene-d8
Concen: 49.847 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

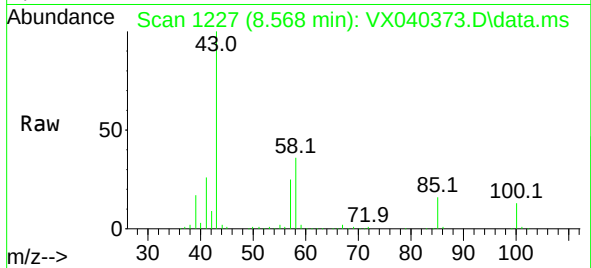
Tgt Ion: 98 Resp: 171836
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 107.419 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

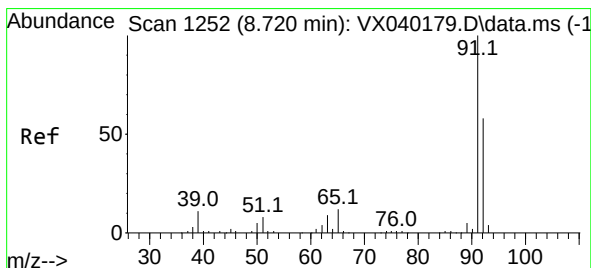
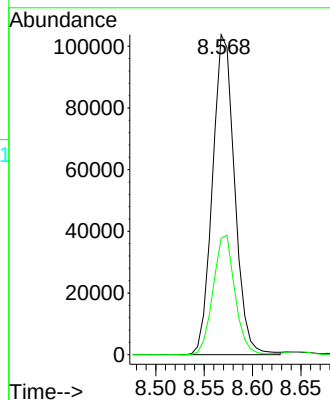
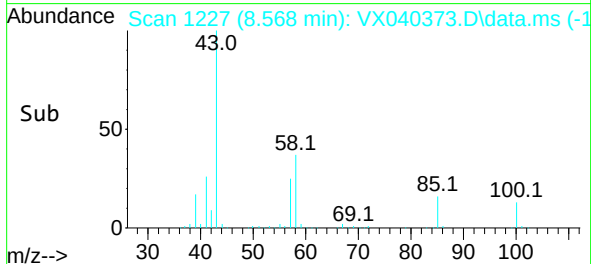
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



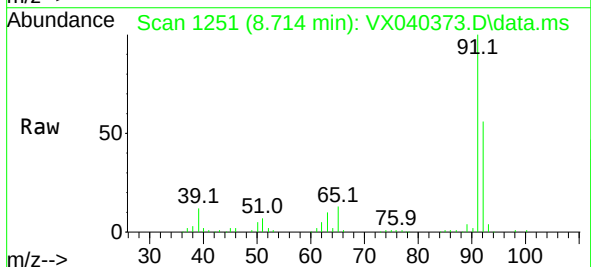
Tgt Ion: 43 Resp: 164452
Ion Ratio Lower Upper
43 100
58 36.8 30.4 45.6

Manual Integrations
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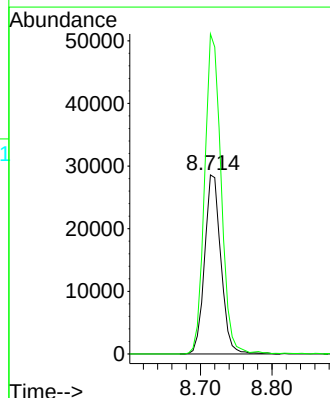
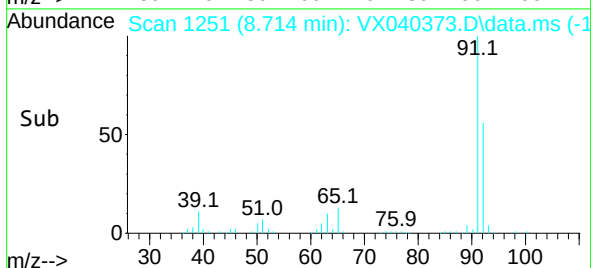
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

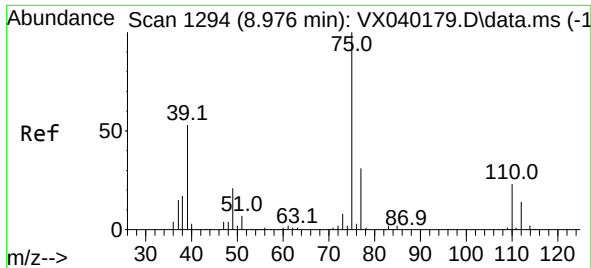


#52
Toluene
Concen: 19.089 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59



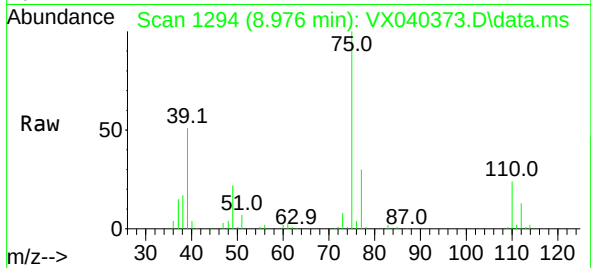
Tgt Ion: 92 Resp: 45139
Ion Ratio Lower Upper
92 100
91 181.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 19.150 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

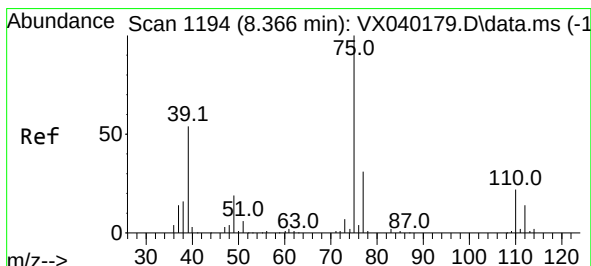
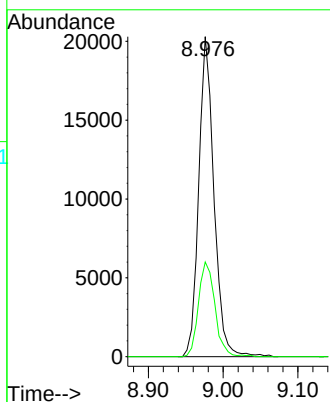
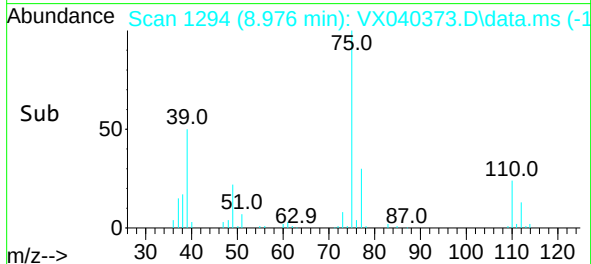
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



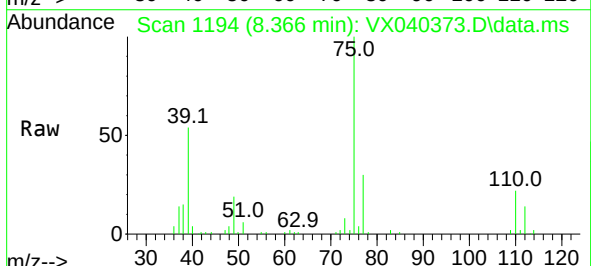
Tgt Ion: 75 Resp: 2866
Ion Ratio Lower Upper
75 100
77 29.6 25.7 38.5

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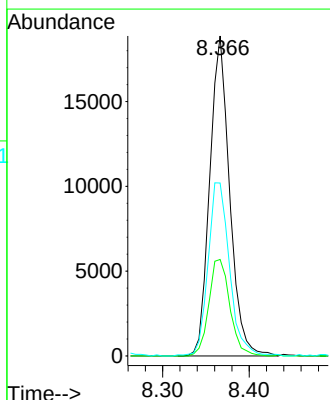
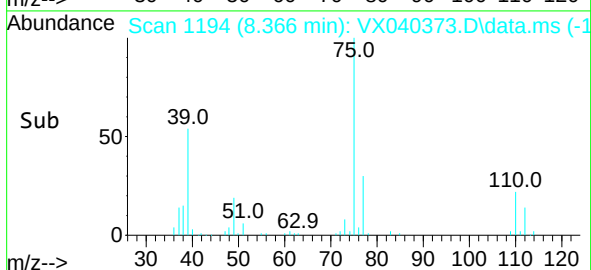
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

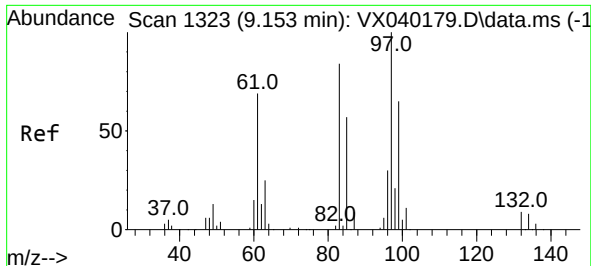


#54
cis-1,3-Dichloropropene
Concen: 20.157 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59



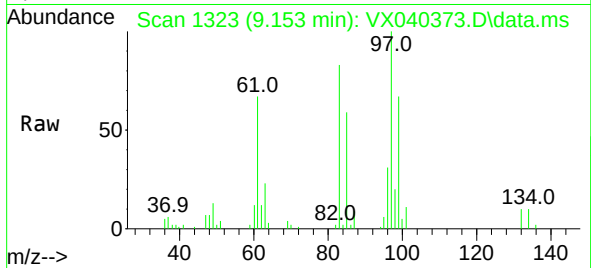
Tgt Ion: 75 Resp: 30123
Ion Ratio Lower Upper
75 100
77 30.1 25.3 37.9
39 53.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.019 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

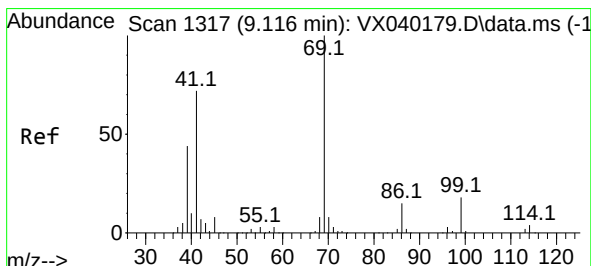
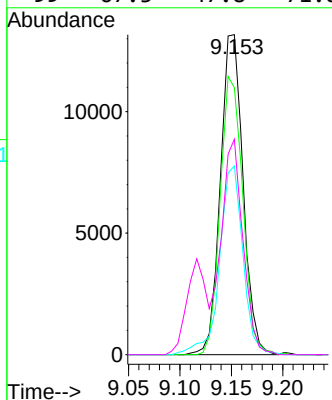
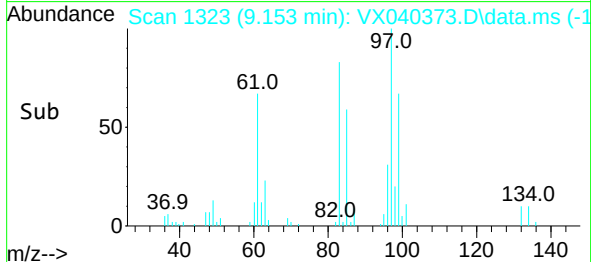


Tgt Ion: 97 Resp: 20190

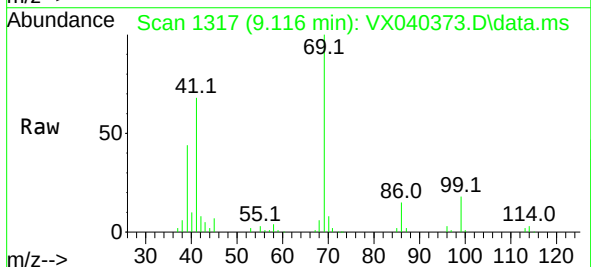
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.8	98.8
85	58.6	41.6	62.4
99	67.3	47.8	71.8

Manual Integrations
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Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

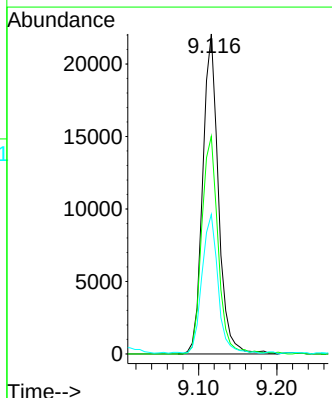
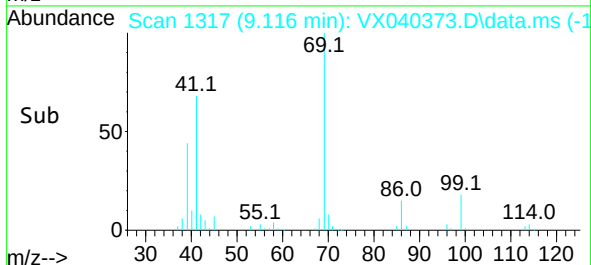


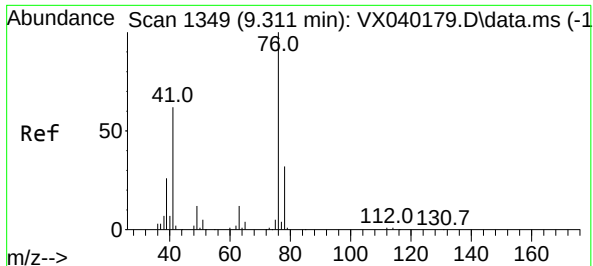
#56
Ethyl methacrylate
Concen: 20.359 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59



Tgt Ion: 69 Resp: 30739

Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.8	85.2
39	44.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 21.379 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 76 Resp: 3519

Ion Ratio Lower Upper

76 100

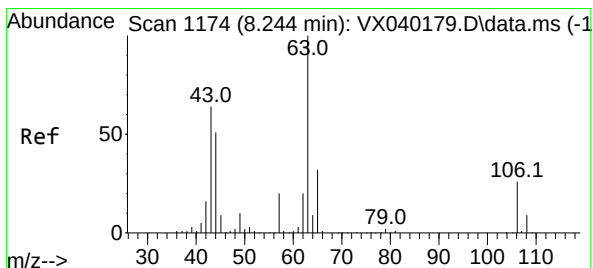
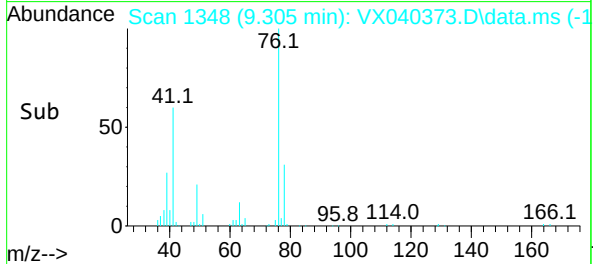
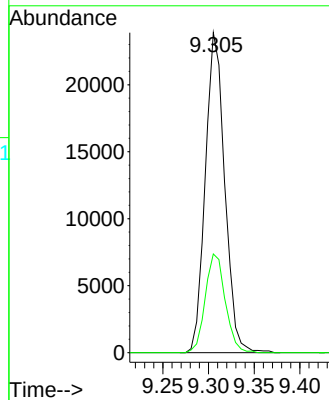
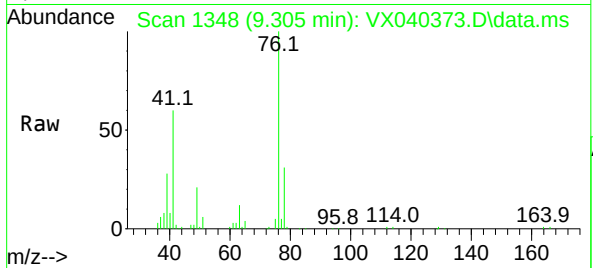
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#58

2-Chloroethyl Vinyl ether

Concen: 100.892 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX040373.D

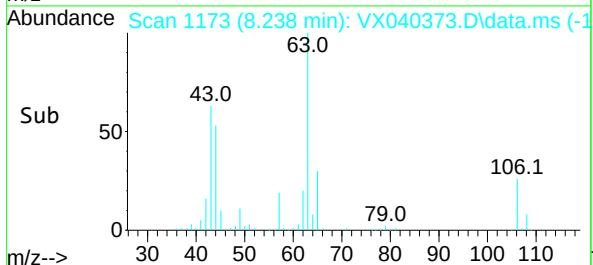
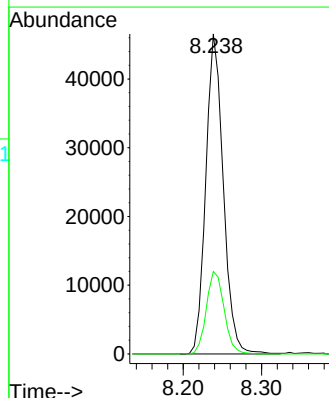
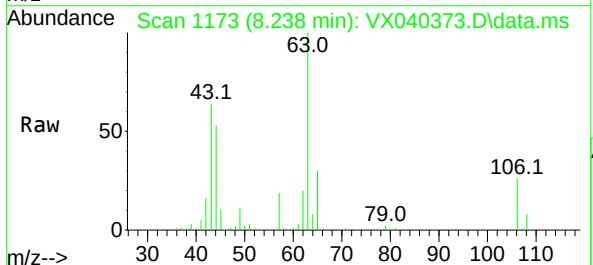
Acq: 21 Feb 2024 11:59

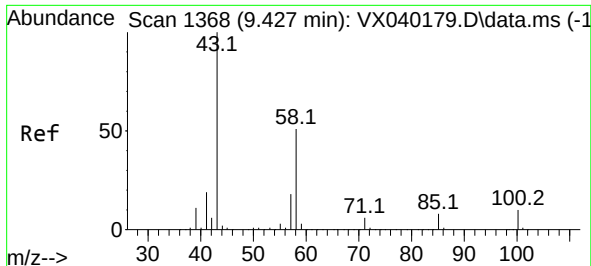
Tgt Ion: 63 Resp: 72061

Ion Ratio Lower Upper

63 100

106 26.1 22.5 33.7





#59

2-Hexanone

Concen: 104.588 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion: 43 Resp: 126949

Ion Ratio Lower Upper

43 100

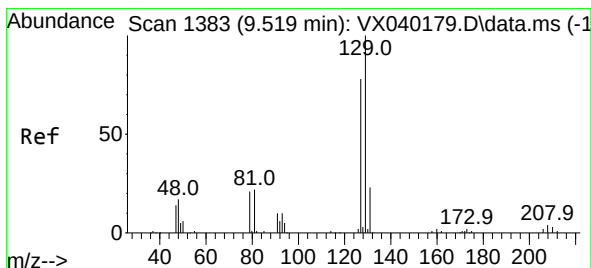
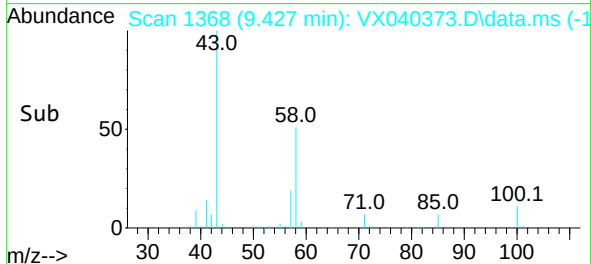
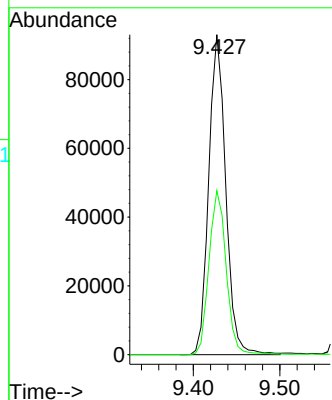
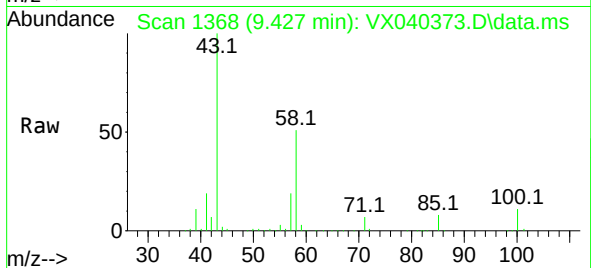
58 52.0 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#60

Dibromochloromethane

Concen: 19.986 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX040373.D

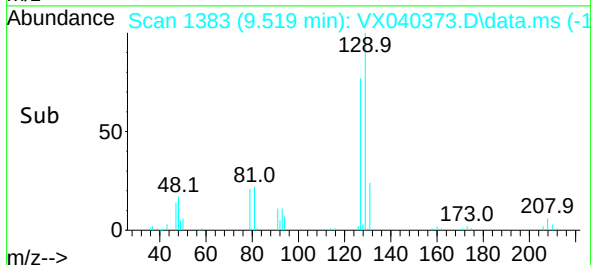
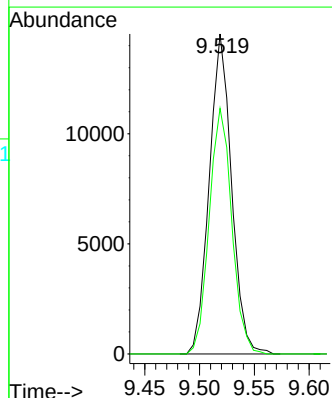
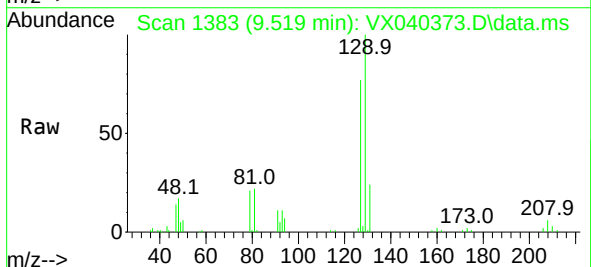
Acq: 21 Feb 2024 11:59

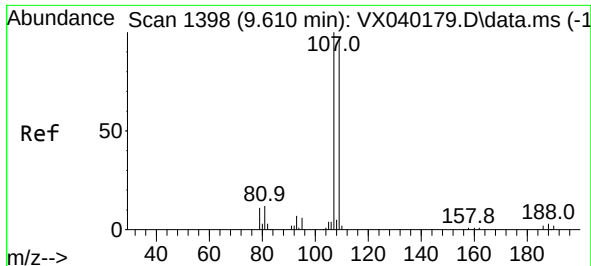
Tgt Ion:129 Resp: 20536

Ion Ratio Lower Upper

129 100

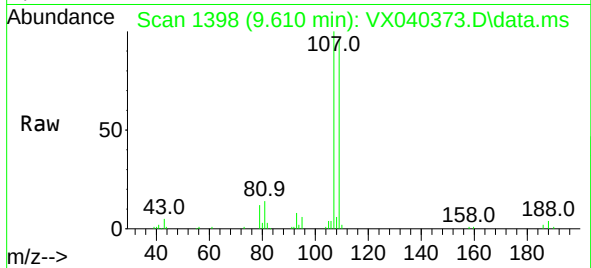
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.494 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

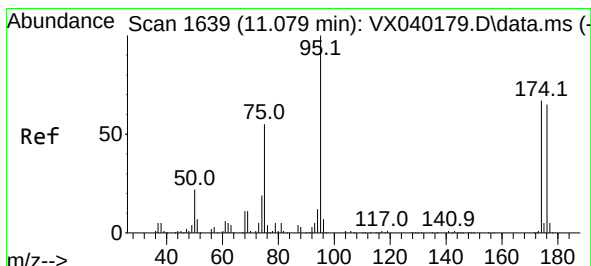
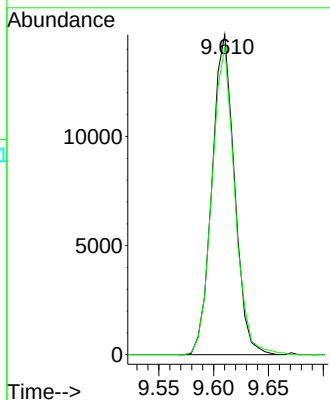
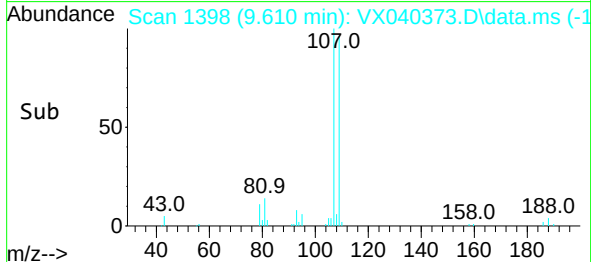
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



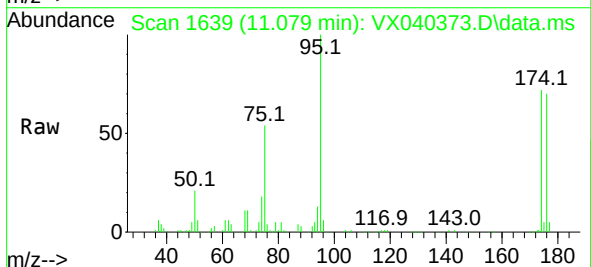
Tgt Ion:107 Resp: 20898
Ion Ratio Lower Upper
107 100
109 98.2 75.2 112.8

Manual Integrations
APPROVED

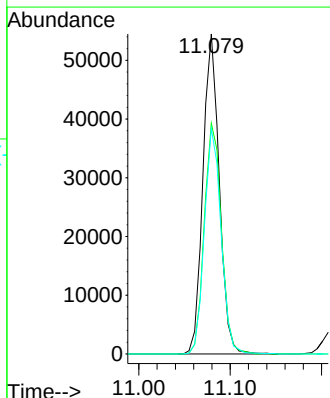
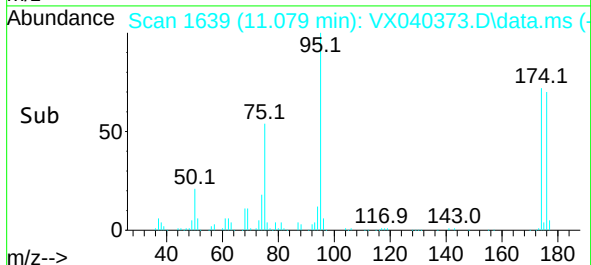
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

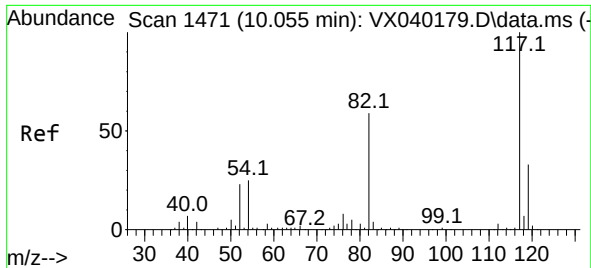


#62
4-Bromofluorobenzene
Concen: 47.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59



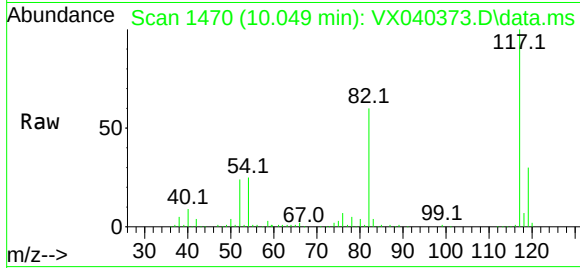
Tgt Ion: 95 Resp: 67313
Ion Ratio Lower Upper
95 100
174 75.4 0.0 135.6
176 72.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

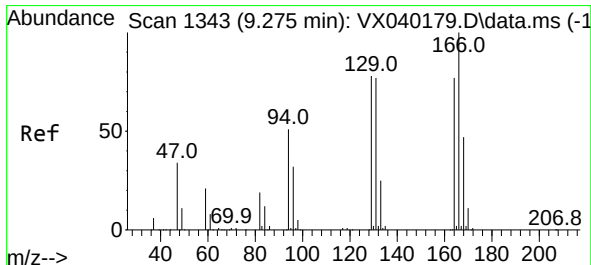
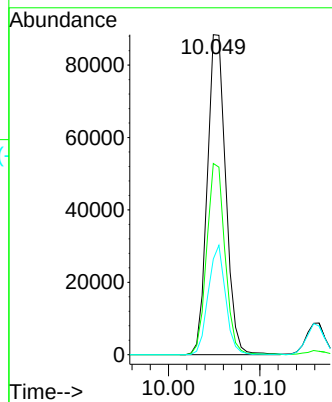
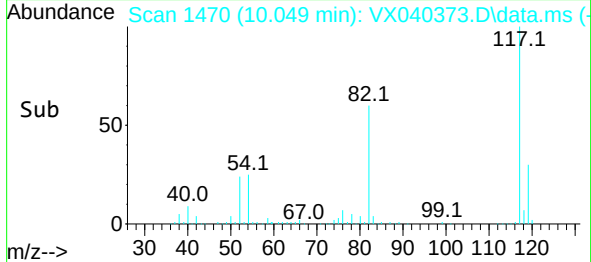
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



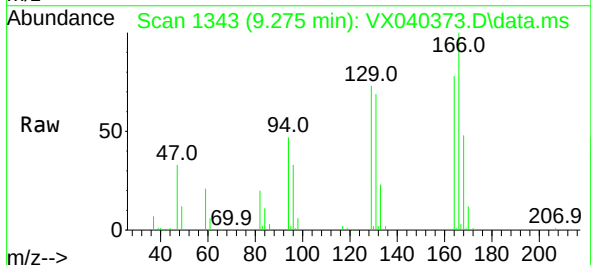
Tgt Ion:117 Resp: 123730
Ion Ratio Lower Upper
117 100
82 59.7 46.2 69.4
119 29.9 25.5 38.3

Manual Integrations
APPROVED

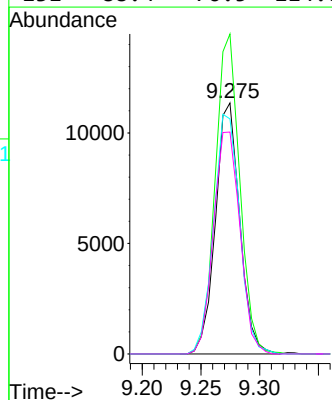
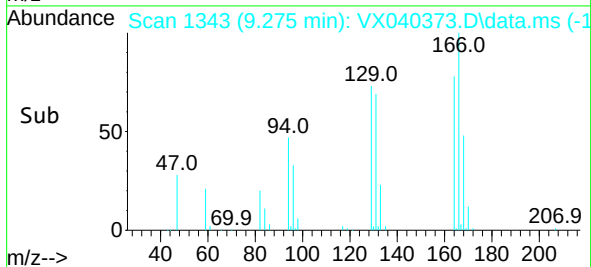
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

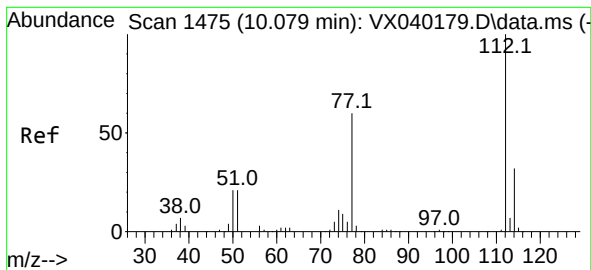


#64
Tetrachloroethene
Concen: 18.852 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59



Tgt Ion:164 Resp: 16347
Ion Ratio Lower Upper
164 100
166 127.4 102.7 154.1
129 93.6 80.4 120.6
131 88.4 76.5 114.7





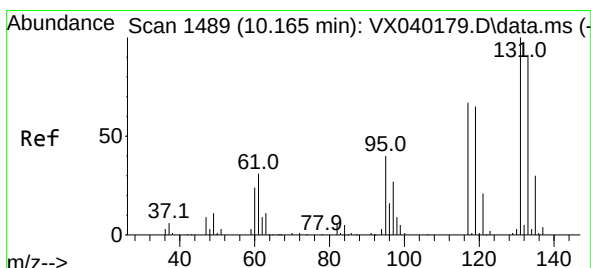
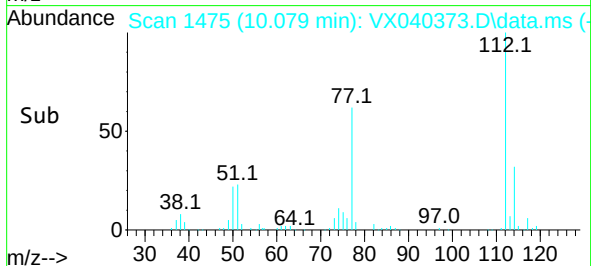
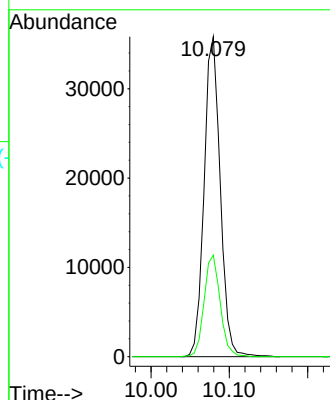
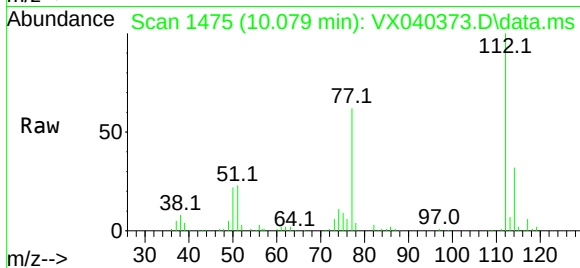
#65
Chlorobenzene
Concen: 19.804 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion:112 Resp: 5114
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

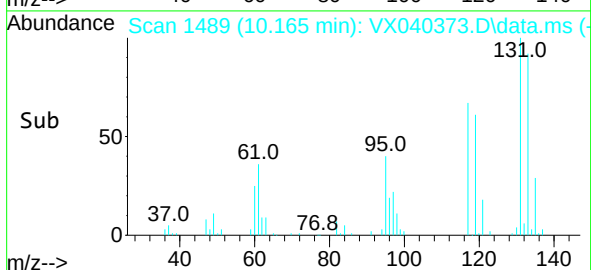
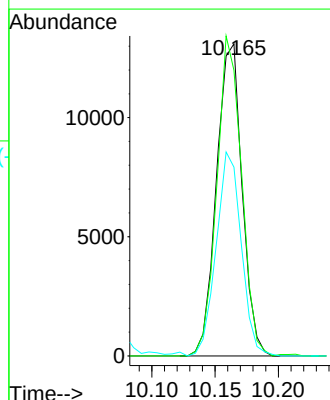
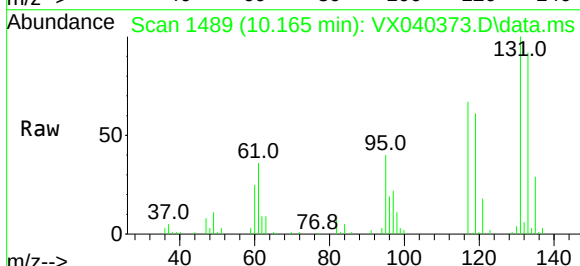
Manual Integrations
APPROVED

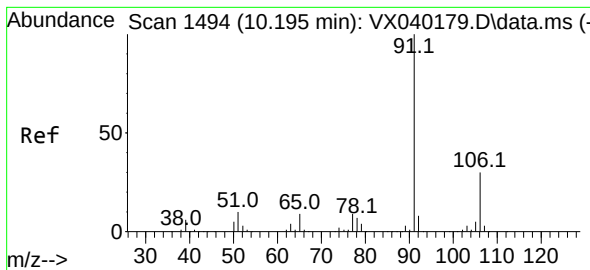
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.595 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Tgt Ion:131 Resp: 18420
Ion Ratio Lower Upper
131 100
133 98.8 47.1 141.4
119 63.9 32.2 96.6





#67

Ethyl Benzene

Concen: 20.106 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

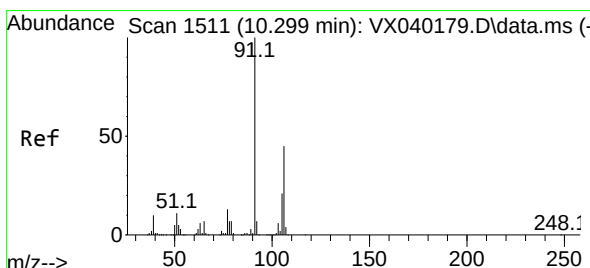
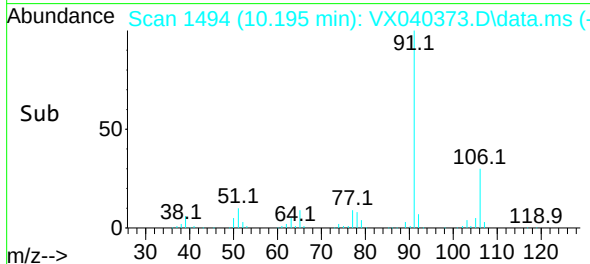
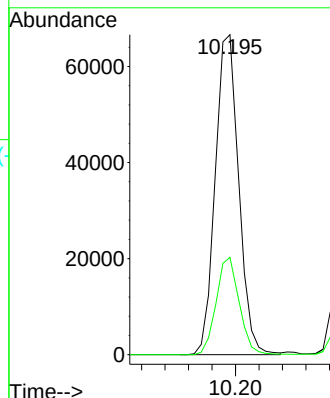
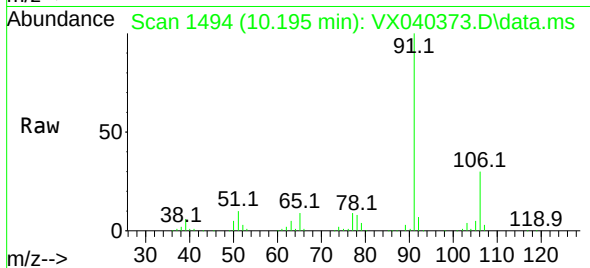
Tgt Ion: 91 Resp: 92475
 Ion Ratio Lower Upper
 91 100
 106 30.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#68

m/p-Xylenes

Concen: 38.552 ug/l

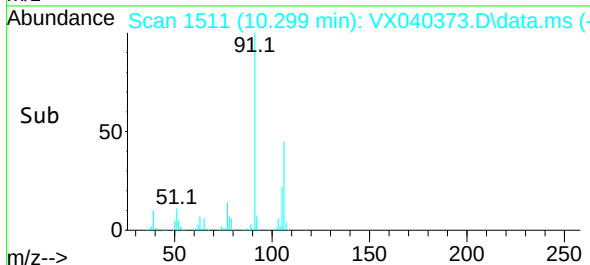
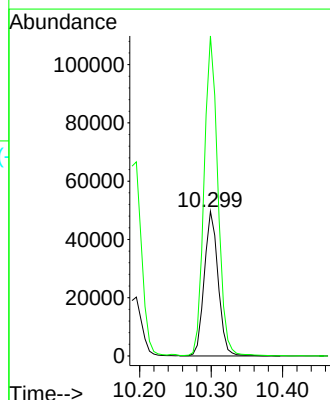
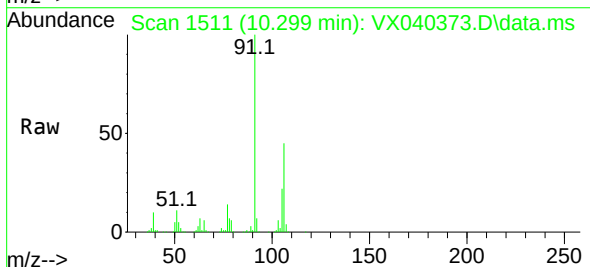
RT: 10.299 min Scan# 1511

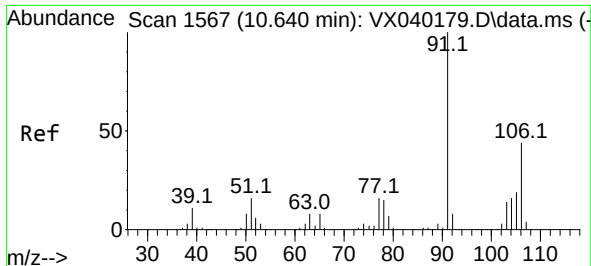
Delta R.T. 0.000 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Tgt Ion:106 Resp: 66966
 Ion Ratio Lower Upper
 106 100
 91 220.0 165.5 248.3





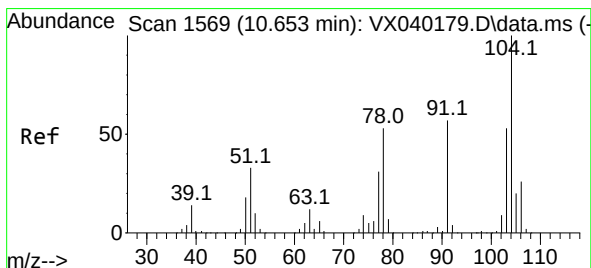
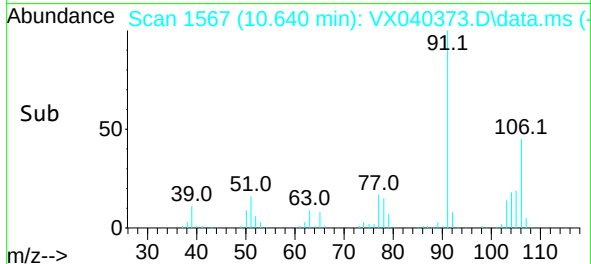
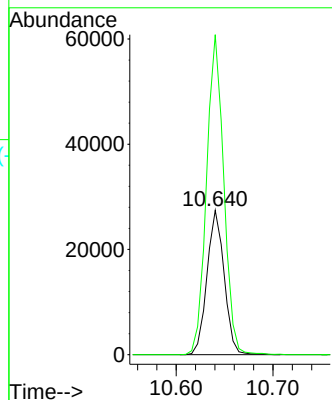
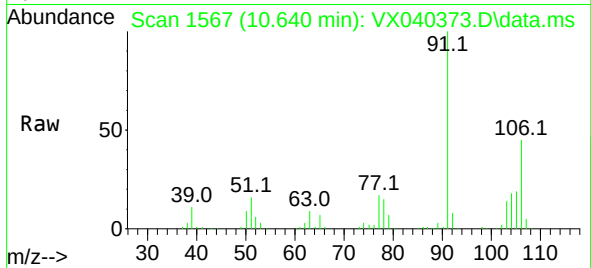
#69
o-Xylene
Concen: 20.149 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion:106 Resp: 3401
Ion Ratio Lower Upper
106 100
91 222.1 108.9 326.8

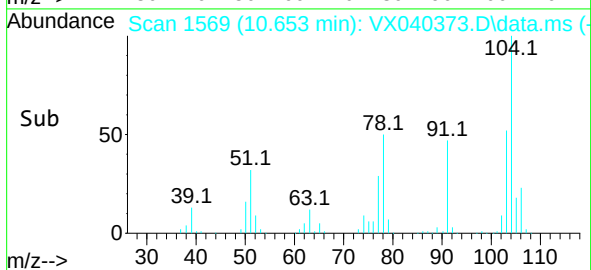
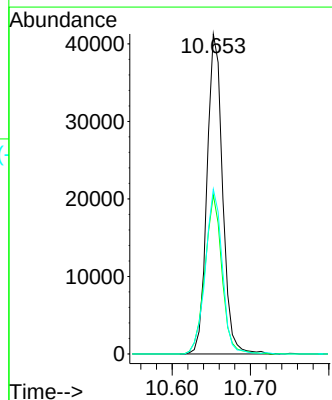
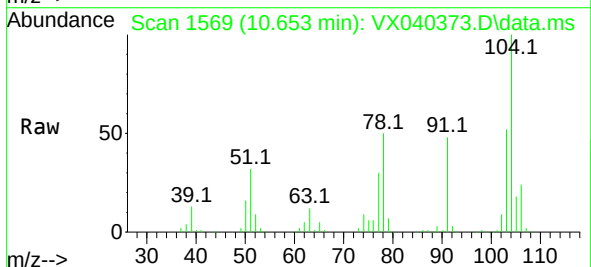
Manual Integrations
APPROVED

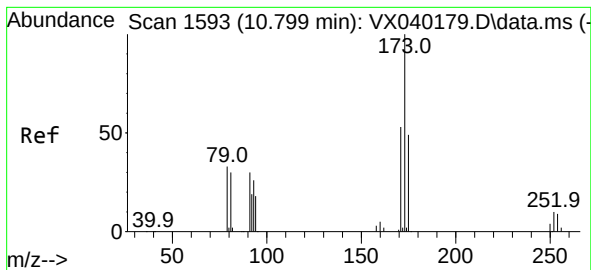
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#70
Styrene
Concen: 20.244 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Tgt Ion:104 Resp: 56812
Ion Ratio Lower Upper
104 100
78 54.2 43.6 65.4
103 56.0 43.6 65.4





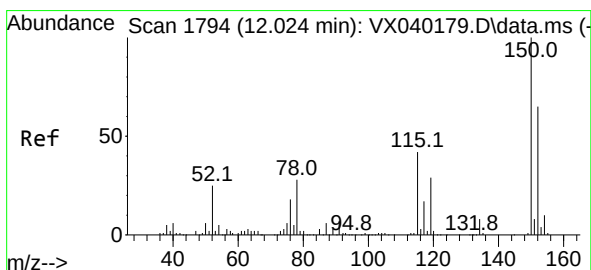
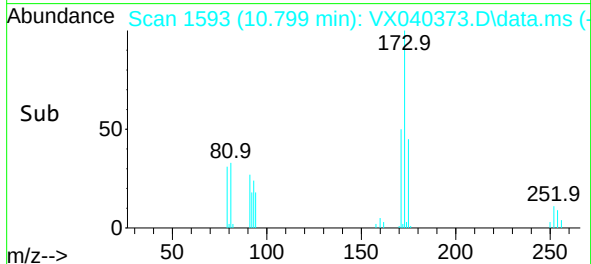
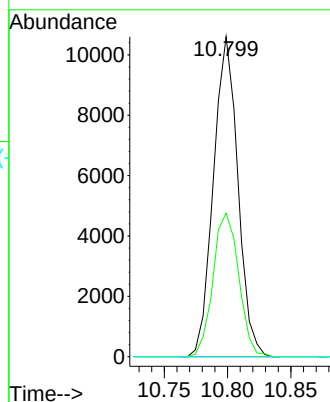
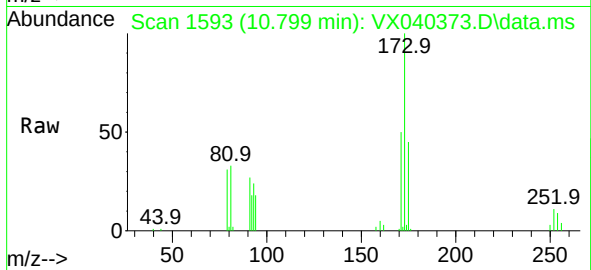
#71
Bromoform
Concen: 18.220 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion:173 Resp: 1422
Ion Ratio Lower Upper
173 100
175 47.2 24.1 72.4
254 0.0 0.0 0.0

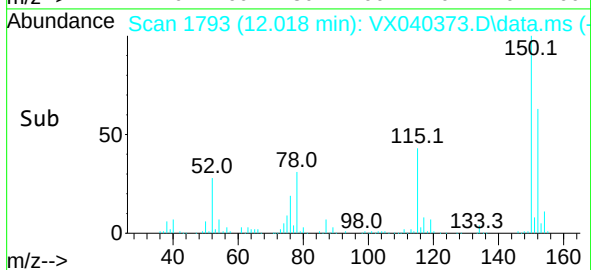
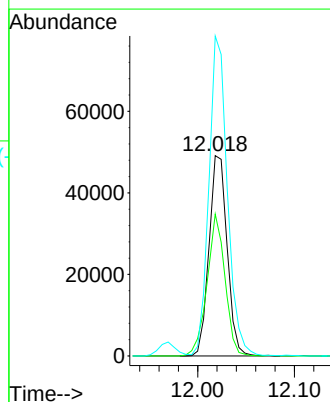
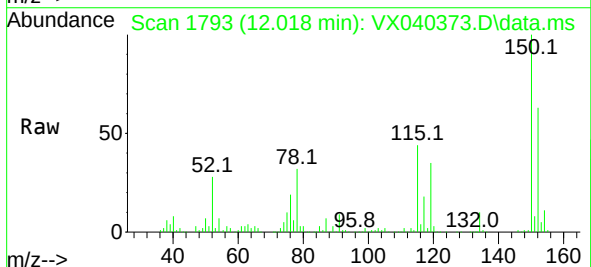
Manual Integrations
APPROVED

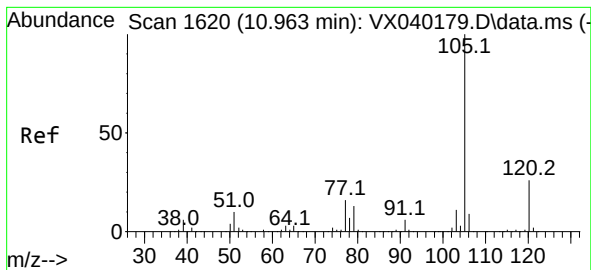
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Tgt Ion:152 Resp: 64008
Ion Ratio Lower Upper
152 100
115 70.0 43.3 129.9
150 162.5 0.0 345.0





#73

Isopropylbenzene

Concen: 20.146 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion:105 Resp: 9082

Ion Ratio Lower Upper

105 100

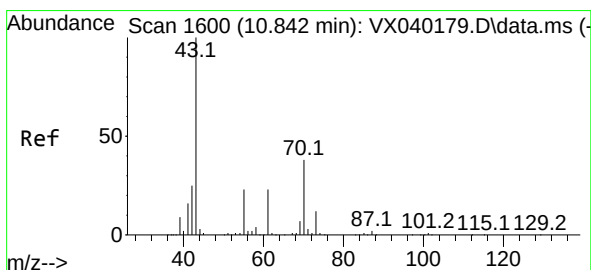
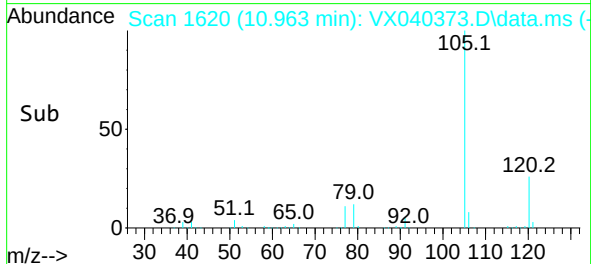
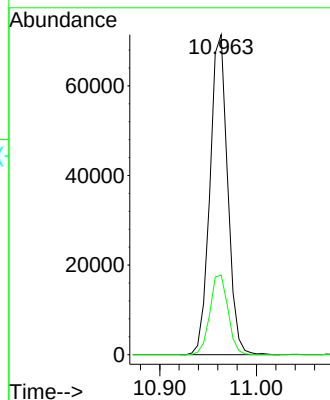
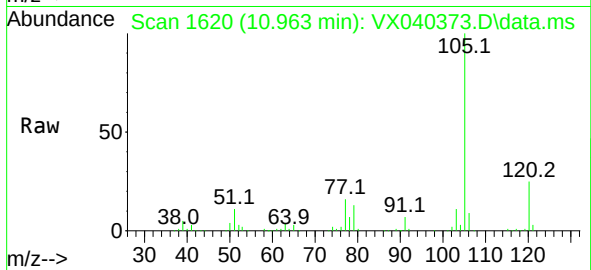
120 25.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#74

N-ethyl acetate

Concen: 21.346 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Tgt Ion: 43 Resp: 41249

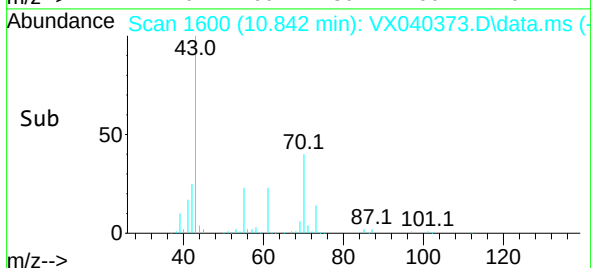
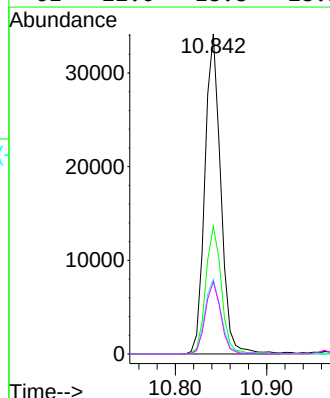
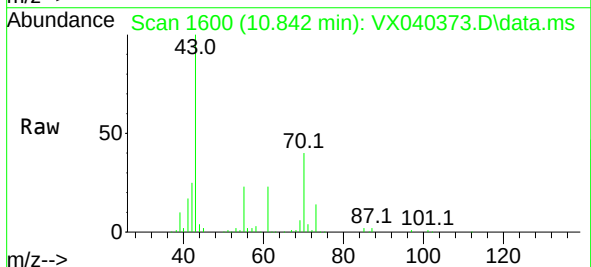
Ion Ratio Lower Upper

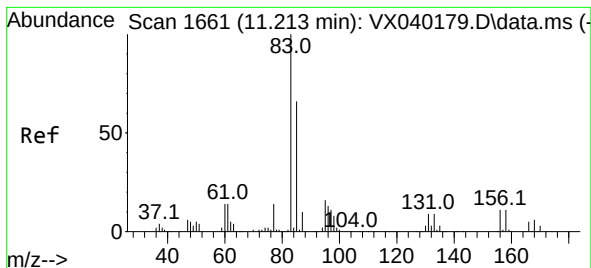
43 100

70 39.2 32.9 49.3

55 24.1 19.3 28.9

61 22.0 18.8 28.2





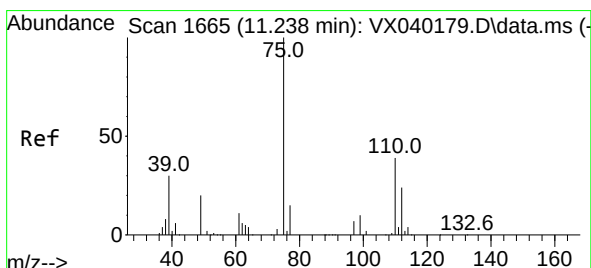
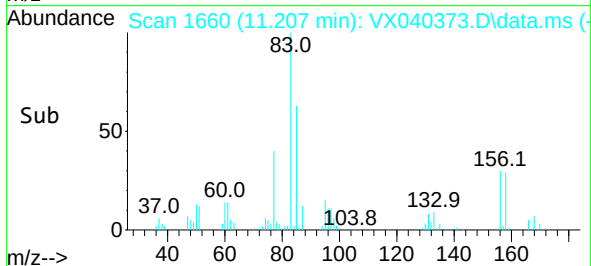
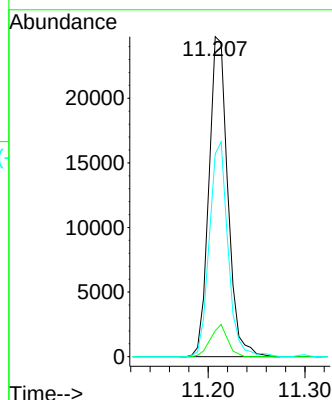
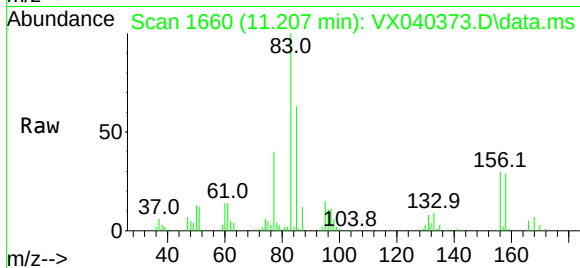
#75
1,1,2,2-Tetrachloroethane
Concen: 20.711 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 83 Resp: 33540
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.8
85 66.1 32.0 96.2

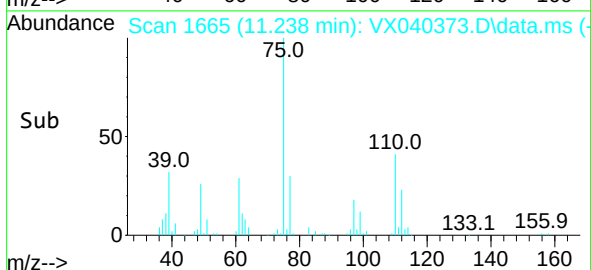
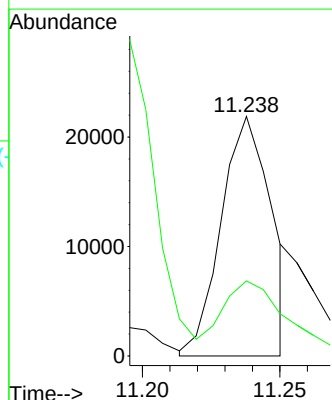
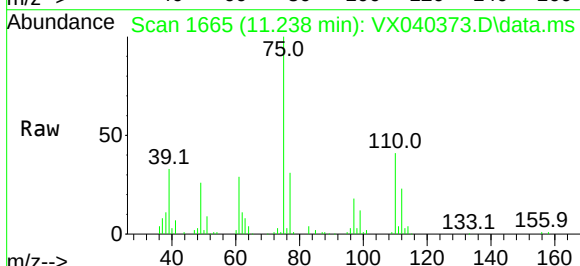
Manual Integrations
APPROVED

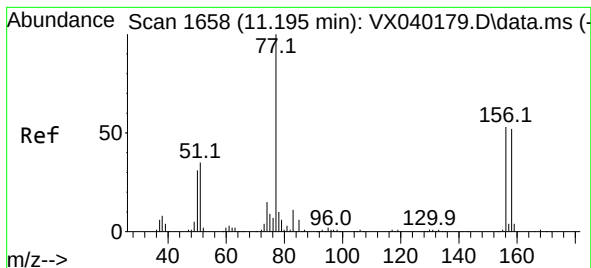
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#76
1,2,3-Trichloropropane
Concen: 21.402 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Tgt Ion: 75 Resp: 27741
Ion Ratio Lower Upper
75 100
77 41.4 19.1 57.5





#77

Bromobenzene

Concen: 20.369 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

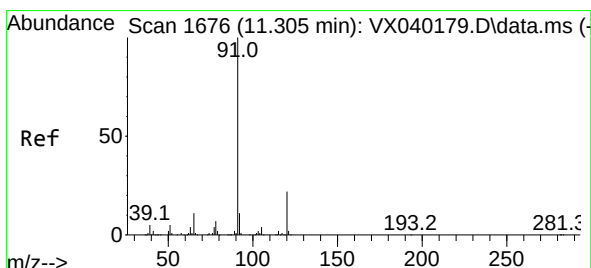
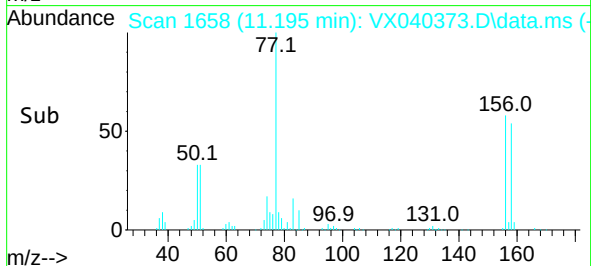
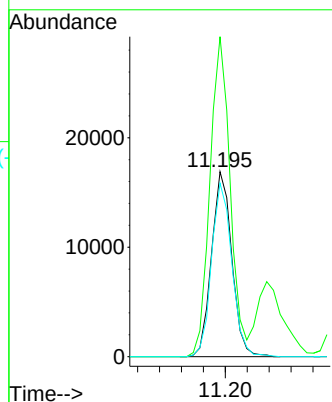
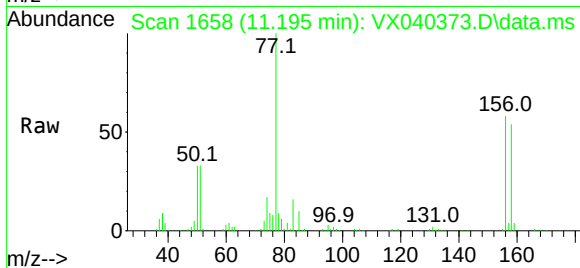
Tgt Ion:	156	Resp:	21689
Ion Ratio	Lower	Upper	
156	100		
77	171.8	88.4	265.3
158	94.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#78

n-propylbenzene

Concen: 20.428 ug/l

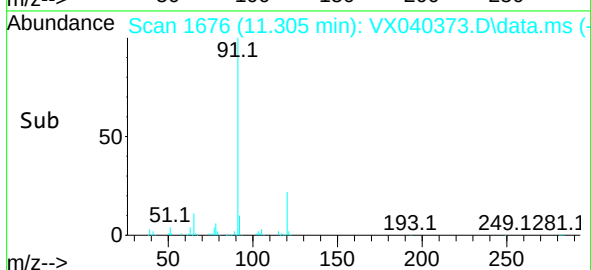
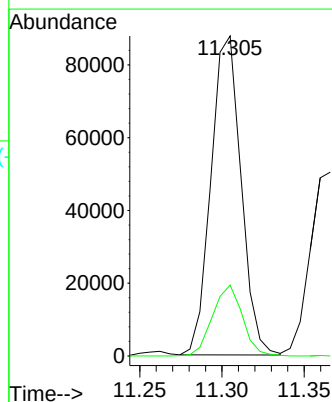
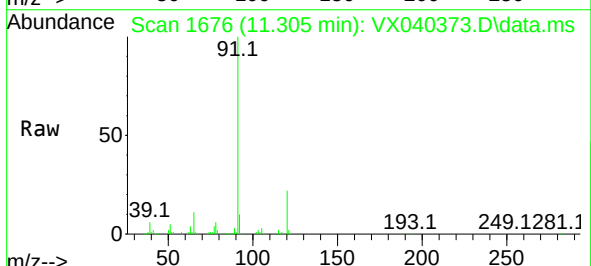
RT: 11.305 min Scan# 1676

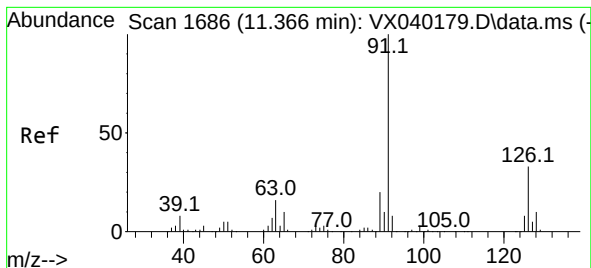
Delta R.T. 0.000 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Tgt Ion:	91	Resp:	111496
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.5	34.4





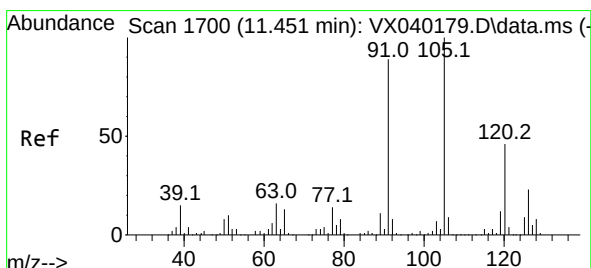
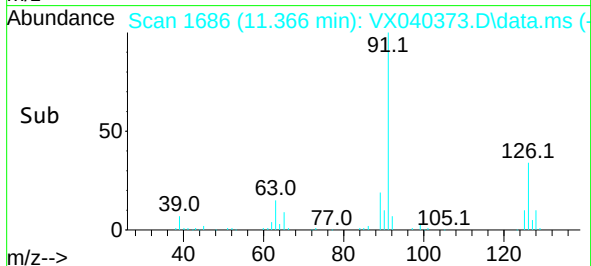
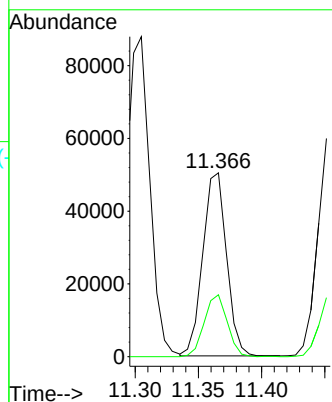
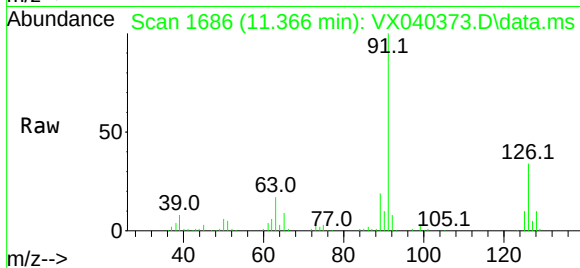
#79
2-Chlorotoluene
Concen: 19.986 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 91 Resp: 6587
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

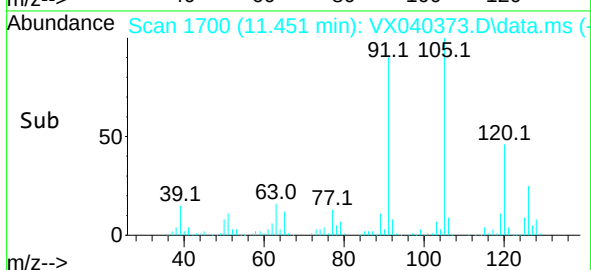
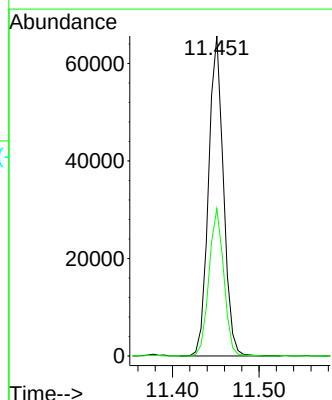
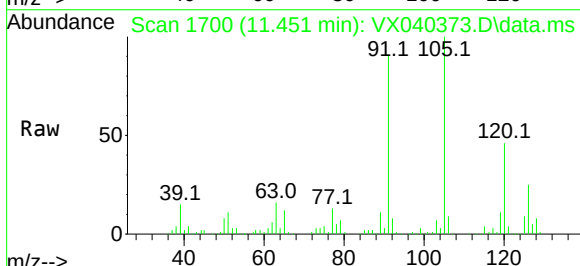
Manual Integrations
APPROVED

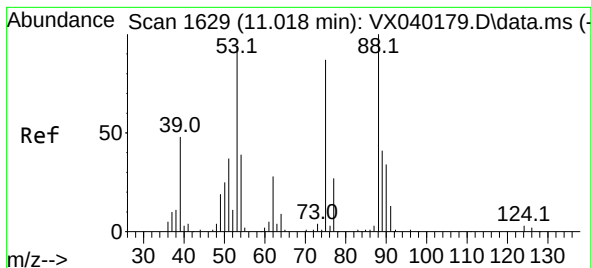
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.666 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Tgt Ion:105 Resp: 78436
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3





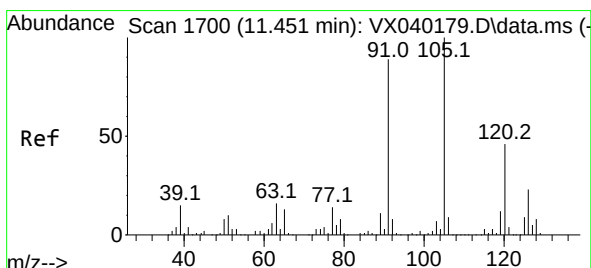
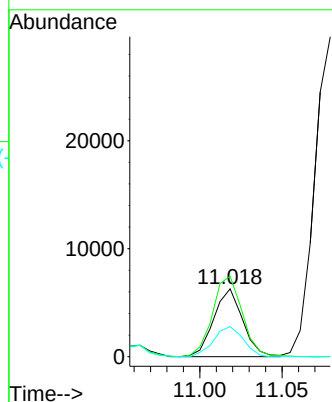
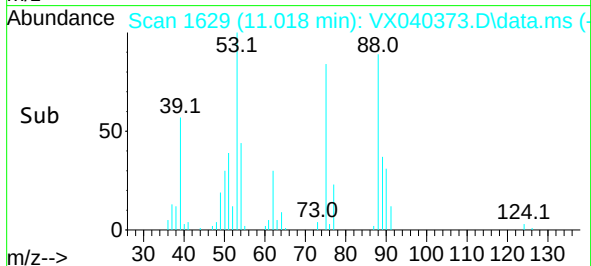
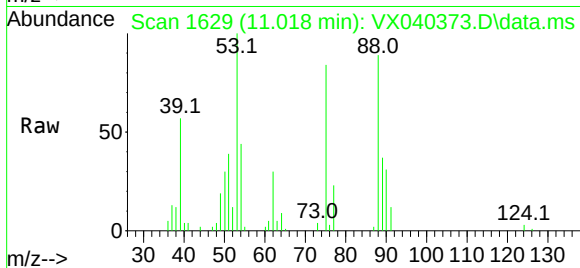
#81
trans-1,4-Dichloro-2-butene
Concen: 19.112 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tgt Ion: 75 Resp: 7732
Ion Ratio Lower Upper
75 100
53 121.2 90.5 135.7
89 45.0 36.9 55.3

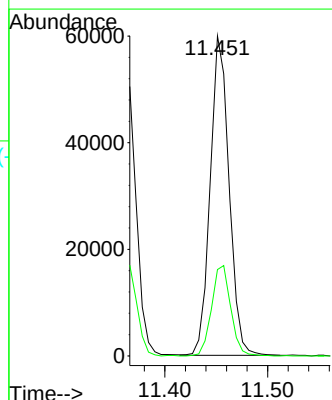
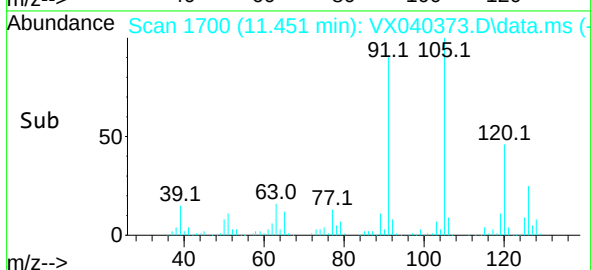
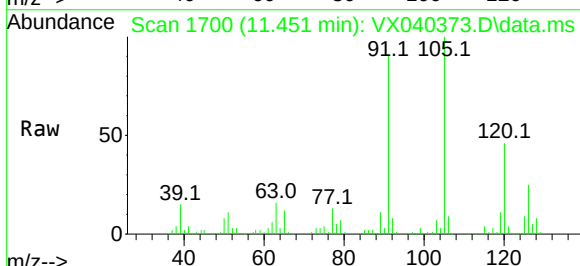
Manual Integrations
APPROVED

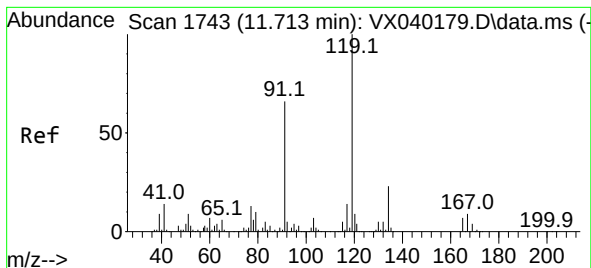
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#82
4-Chlorotoluene
Concen: 19.546 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

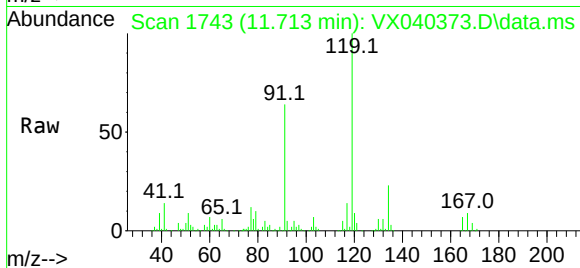
Tgt Ion: 91 Resp: 76330
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.719 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

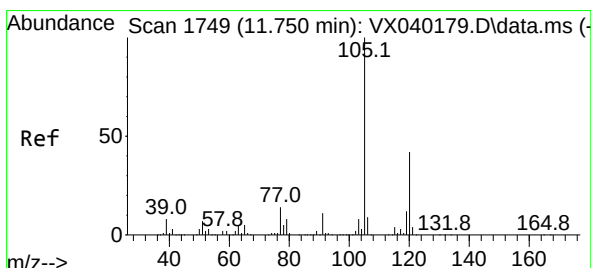
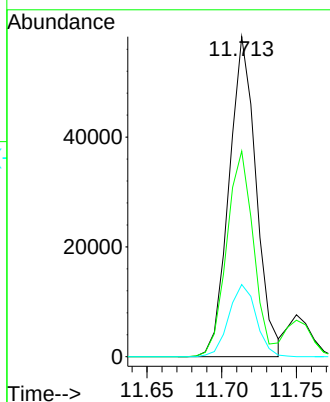
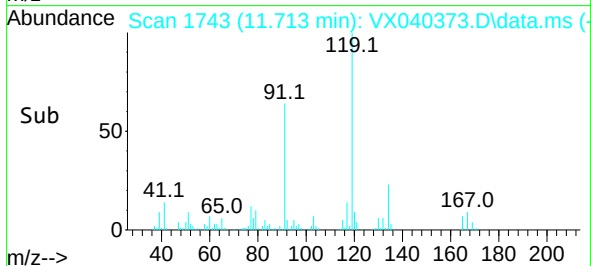
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



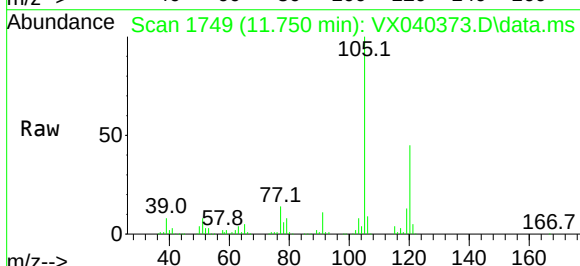
Tgt Ion:119 Resp: 73375
Ion Ratio Lower Upper
119 100
91 64.1 31.2 93.6
134 22.8 11.7 35.0

Manual Integrations
APPROVED

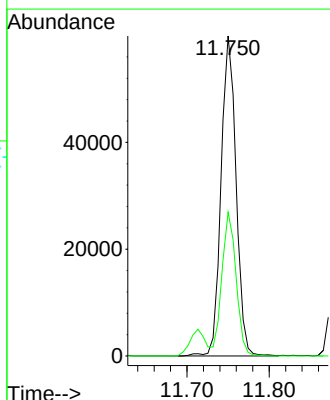
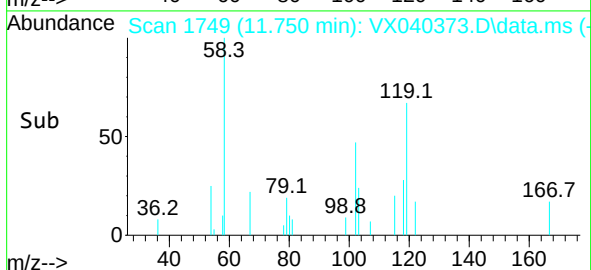
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

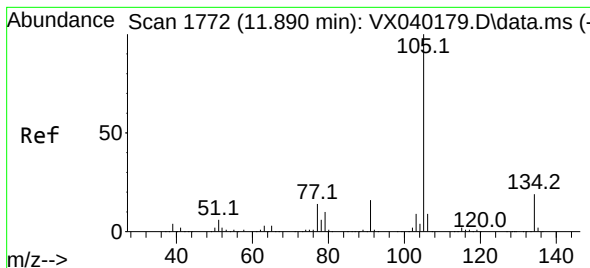


#84
1,2,4-Trimethylbenzene
Concen: 19.776 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59



Tgt Ion:105 Resp: 75936
Ion Ratio Lower Upper
105 100
120 42.1 21.2 63.6





#85

sec-Butylbenzene

Concen: 20.140 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion:105 Resp: 9631

Ion Ratio Lower Upper

105 100

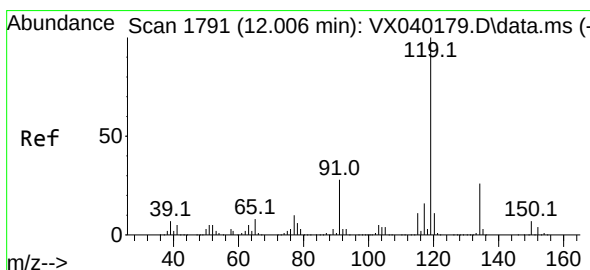
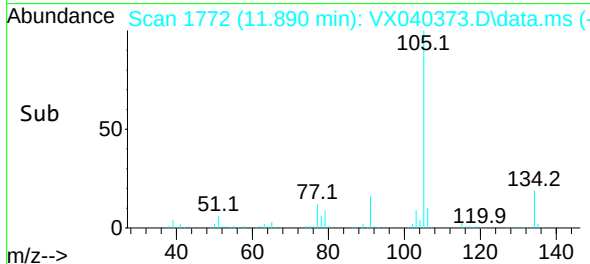
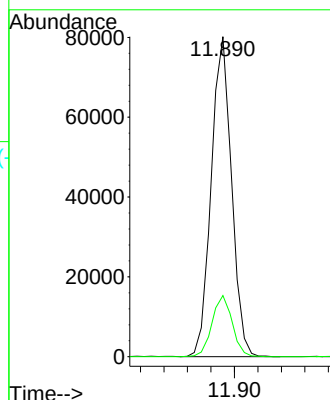
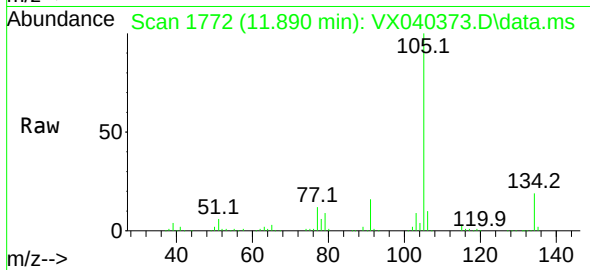
134 19.0 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#86

p-Isopropyltoluene

Concen: 19.765 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

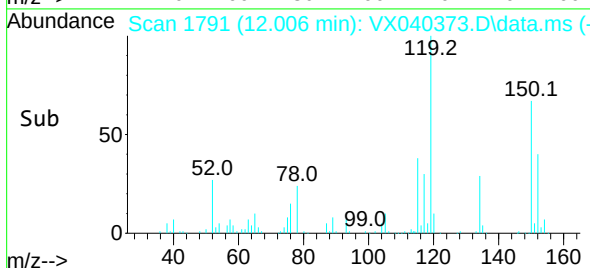
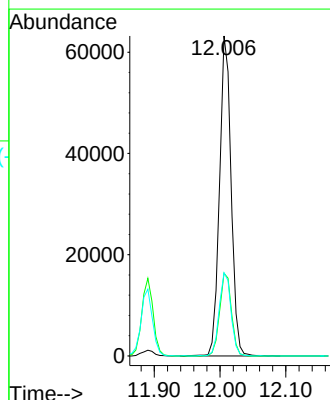
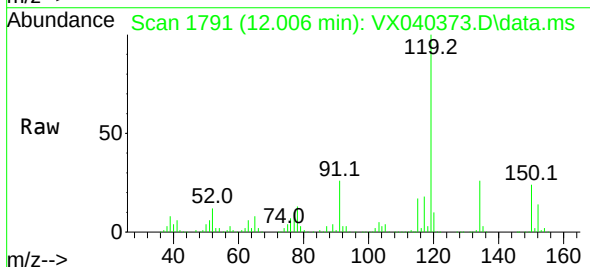
Tgt Ion:119 Resp: 77480

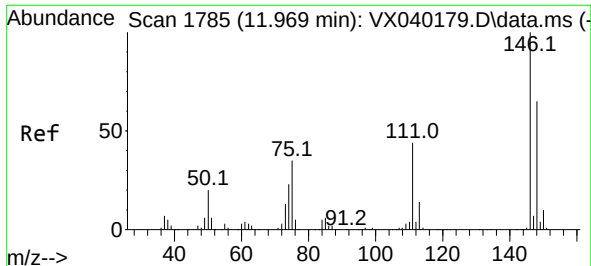
Ion Ratio Lower Upper

119 100

134 26.3 12.8 38.3

91 26.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.439 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tgt Ion:146 Resp: 4101

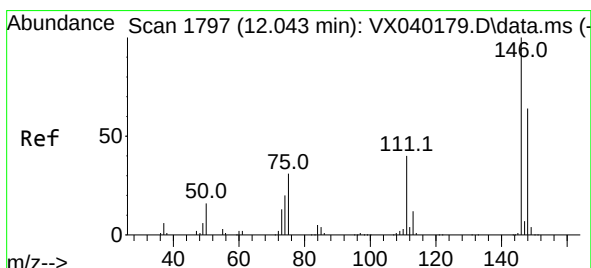
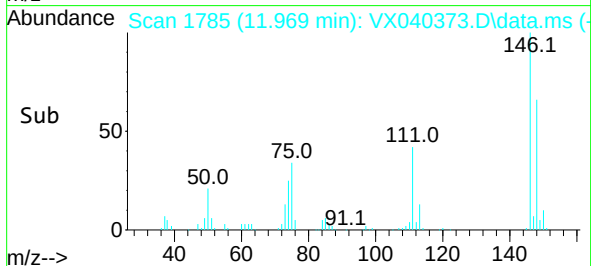
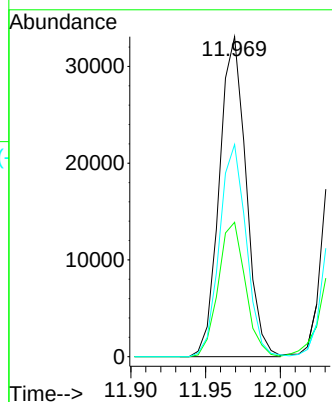
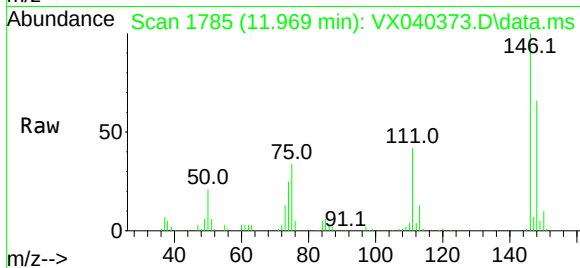
Ion	Ratio	Lower	Upper
146	100		
111	42.7	22.1	66.1
148	66.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#88

1,4-Dichlorobenzene

Concen: 19.243 ug/l

RT: 12.043 min Scan# 1797

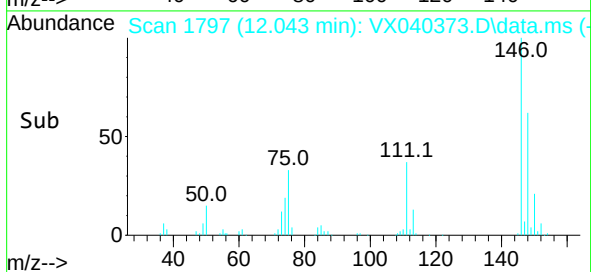
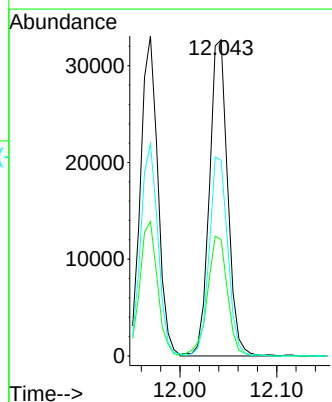
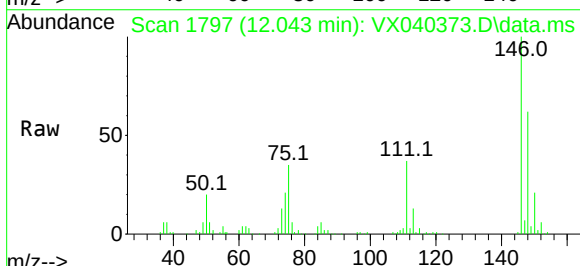
Delta R.T. 0.000 min

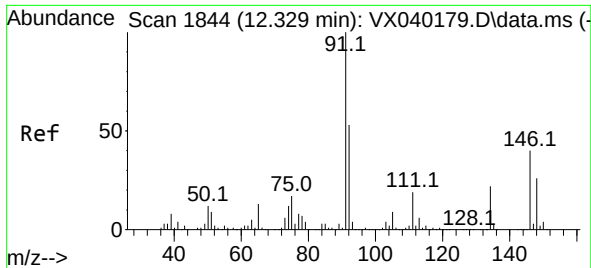
Lab File: VX040373.D

Acq: 21 Feb 2024 11:59

Tgt Ion:146 Resp: 42991

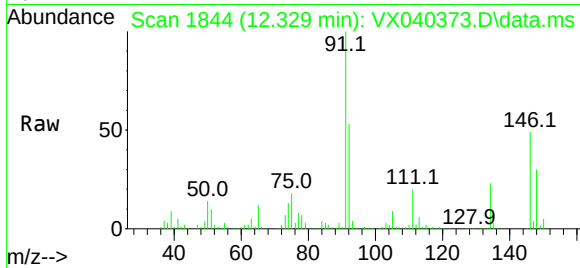
Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	63.7
148	63.6	31.8	95.4





#89
n-Butylbenzene
Concen: 19.571 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

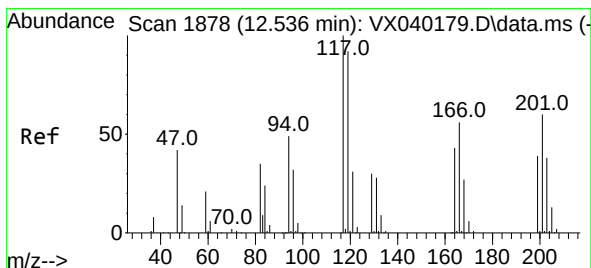
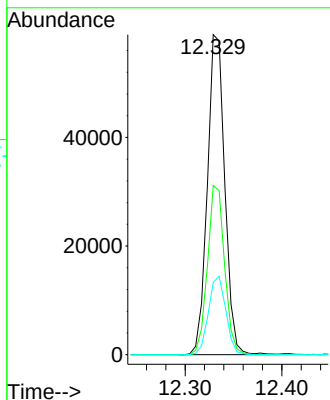
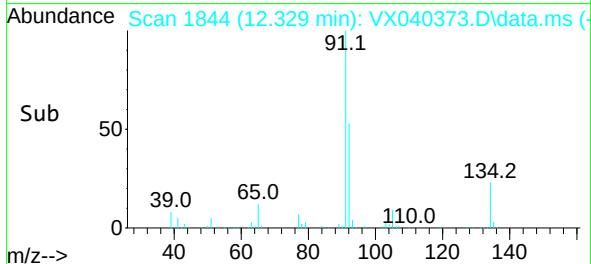
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion: 91 Resp: 7405
Ion Ratio Lower Upper
91 100
92 51.9 27.4 82.0
134 24.3 12.6 37.8

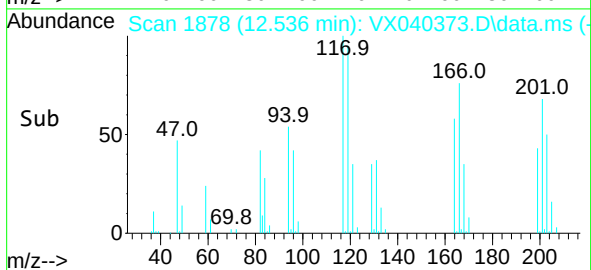
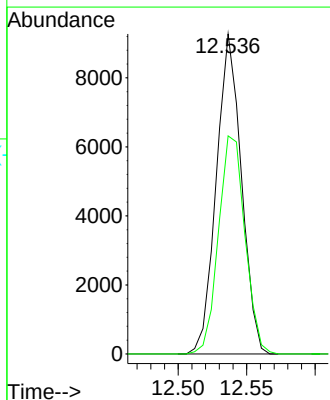
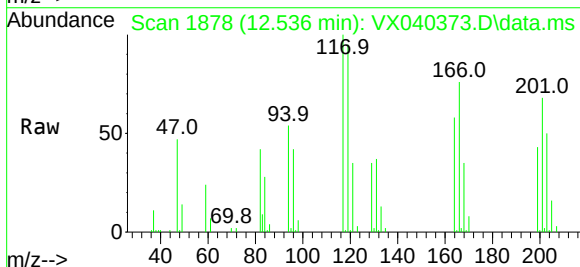
Manual Integrations
APPROVED

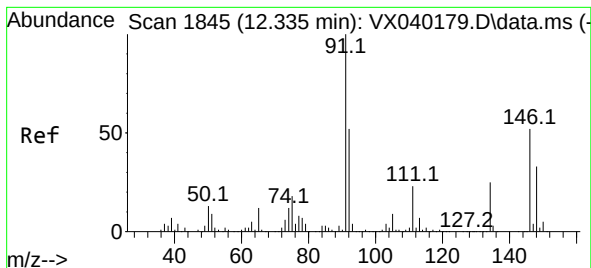
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#90
Hexachloroethane
Concen: 19.047 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

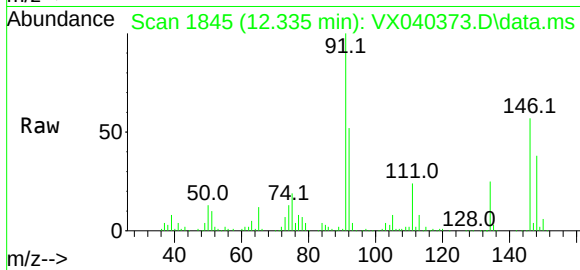
Tgt Ion:117 Resp: 11777
Ion Ratio Lower Upper
117 100
201 72.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.265 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

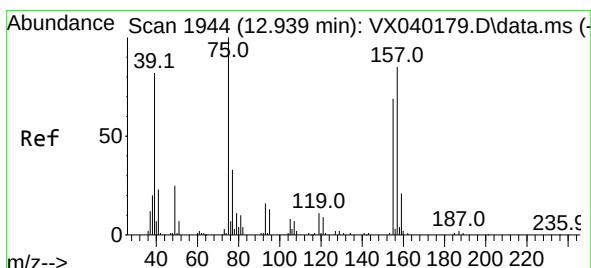
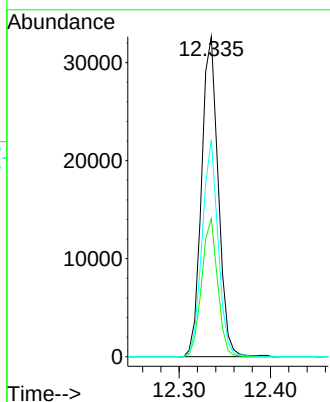
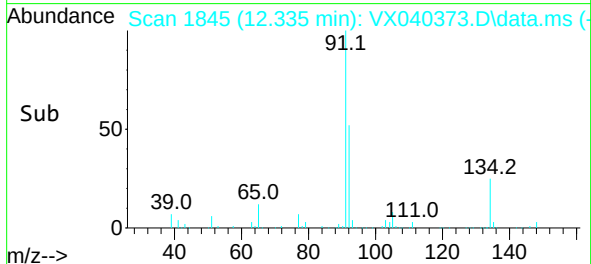
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



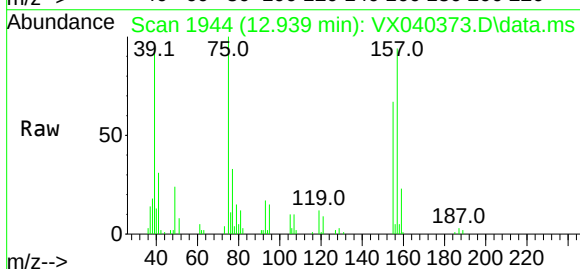
Tgt Ion:146 Resp: 41390
Ion Ratio Lower Upper
146 100
111 41.0 22.4 67.0
148 64.6 31.6 95.0

Manual Integrations
APPROVED

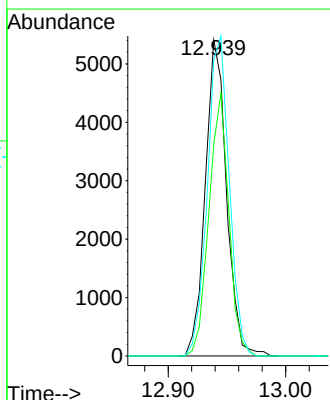
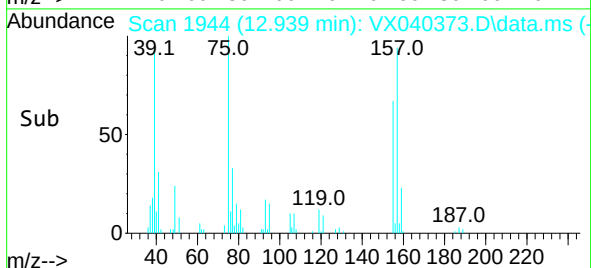
Reviewed By :John Carbone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

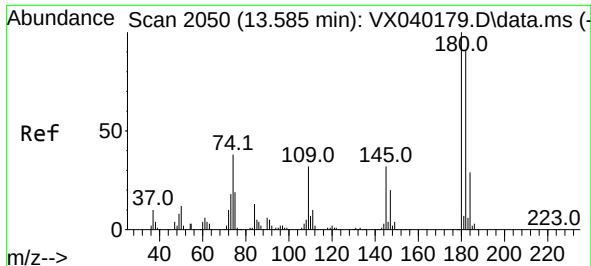


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.158 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59



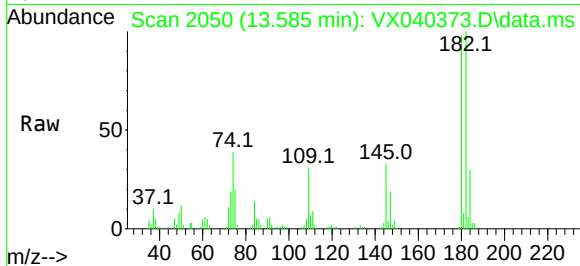
Tgt Ion: 75 Resp: 6788
Ion Ratio Lower Upper
75 100
155 77.7 36.1 108.5
157 103.9 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 19.069 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

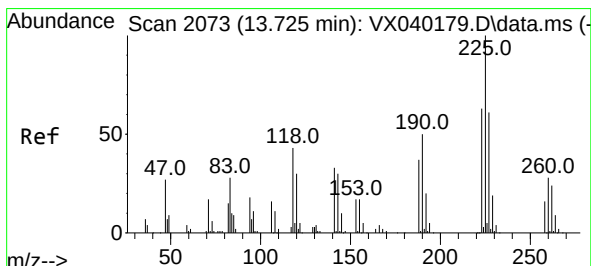
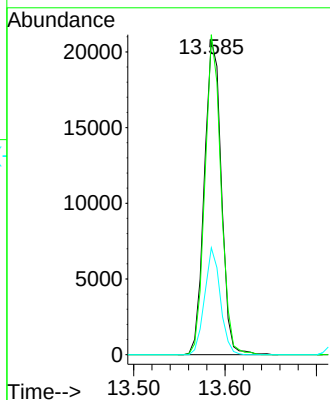
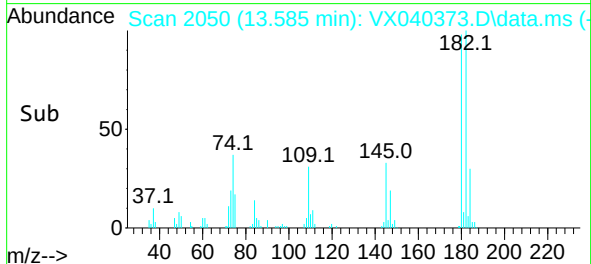
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



Tgt Ion:180 Resp: 26664
Ion Ratio Lower Upper
180 100
182 96.0 48.3 144.8
145 31.4 18.0 54.0

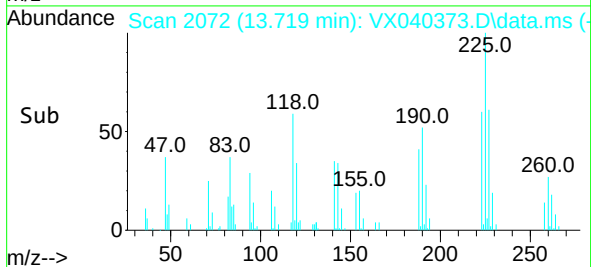
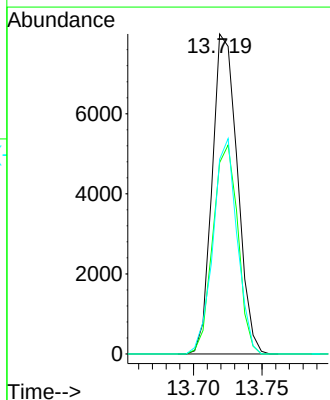
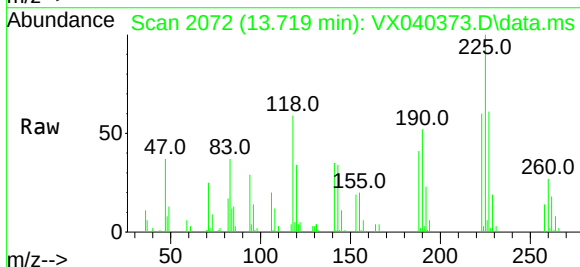
Manual Integrations
APPROVED

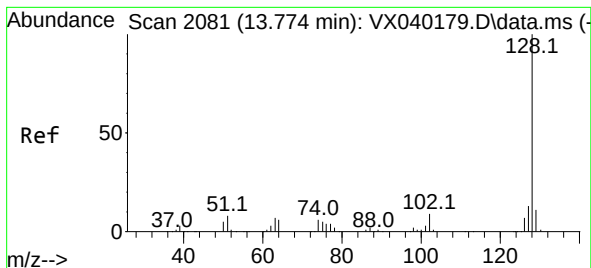
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#94
Hexachlorobutadiene
Concen: 18.294 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

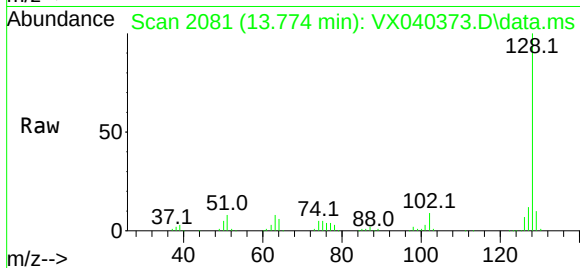
Tgt Ion:225 Resp: 10209
Ion Ratio Lower Upper
225 100
223 64.7 31.1 93.2
227 64.3 32.5 97.5





#95
Naphthalene
Concen: 19.444 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59

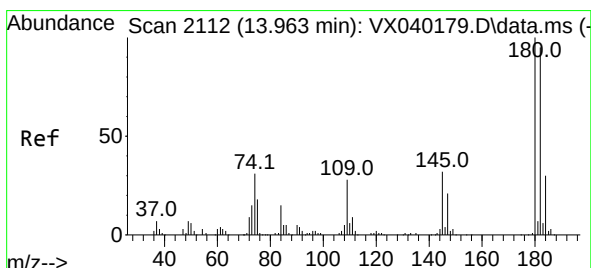
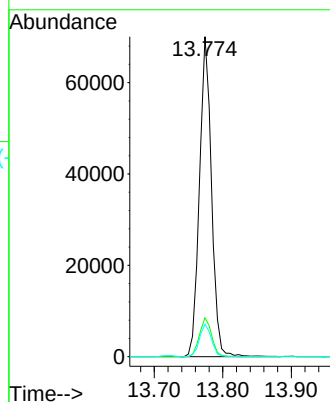
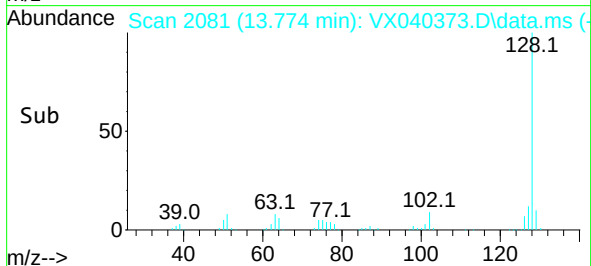
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01



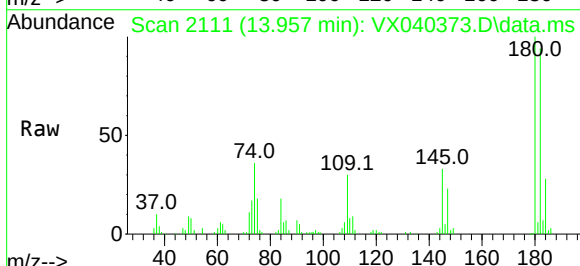
Tgt Ion:128 Resp: 8586
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.792 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX040373.D
Acq: 21 Feb 2024 11:59



Tgt Ion:180 Resp: 26379
Ion Ratio Lower Upper
180 100
182 97.0 46.9 140.6
145 34.5 17.8 53.5

