

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040393.D
 Acq On : 21 Feb 2024 19:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Feb 22 01:14:02 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	5.556	168	74137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61718	55.958	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.920%			
35) Dibromofluoromethane	5.391	113	45441	50.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%			
50) Toluene-d8	8.647	98	164020	48.978	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.960%			
62) 4-Bromofluorobenzene	11.079	95	66270	48.521	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42753	51.052	ug/l	94
3) Chloromethane	1.294	50	41805	48.409	ug/l	98
4) Vinyl Chloride	1.374	62	44317	48.562	ug/l	93
5) Bromomethane	1.599	94	27289	52.990	ug/l	99
6) Chloroethane	1.678	64	28371	49.293	ug/l	96
7) Trichlorofluoromethane	1.886	101	72278	49.318	ug/l	100
8) Diethyl Ether	2.130	74	26743	48.576	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	40666	51.729	ug/l	98
10) Methyl Iodide	2.453	142	44188	50.629	ug/l	96
11) Tert butyl alcohol	2.959	59	60279	280.582	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	37515	49.563	ug/l	97
13) Acrolein	2.233	56	49719	250.732	ug/l	99
14) Allyl chloride	2.660	41	72755	55.389	ug/l	99
15) Acrylonitrile	3.062	53	141083	293.500	ug/l	99
16) Acetone	2.380	43	128241	283.101	ug/l	98
17) Carbon Disulfide	2.508	76	78966	39.517	ug/l	100
18) Methyl Acetate	2.703	43	66656	54.891	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	148997	55.875	ug/l	98
20) Methylene Chloride	2.788	84	46306	54.678	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	39740	46.100	ug/l	98
22) Diisopropyl ether	3.757	45	155521	58.380	ug/l	98
23) Vinyl Acetate	3.721	43	704261	296.557	ug/l	98
24) 1,1-Dichloroethane	3.605	63	85298	54.969	ug/l	98
25) 2-Butanone	4.550	43	204121	288.274	ug/l	100
26) 2,2-Dichloropropane	4.477	77	61475	51.464	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	50110	50.955	ug/l	98
28) Bromochloromethane	4.897	49	39358	59.739	ug/l	99
29) Tetrahydrofuran	5.001	42	131991	286.123	ug/l	99
30) Chloroform	5.092	83	91165	54.338	ug/l	98
31) Cyclohexane	5.470	56	61866	47.027	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	74913	53.077	ug/l	99
36) 1,1-Dichloropropene	5.690	75	61834	49.306	ug/l	99
37) Ethyl Acetate	4.714	43	77151	55.288	ug/l	99
38) Carbon Tetrachloride	5.678	117	58103	48.728	ug/l	98
39) Methylcyclohexane	7.379	83	63658	43.678	ug/l	97
40) Benzene	6.037	78	176098	50.213	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	43325	58.567	ug/l	96
42) 1,2-Dichloroethane	6.086	62	74690	54.487	ug/l	100
43) Isopropyl Acetate	6.336	43	120247	55.201	ug/l	99
44) Trichloroethene	7.123	130	46317	47.879	ug/l	95
45) 1,2-Dichloropropane	7.427	63	49390	54.107	ug/l	95
46) Dibromomethane	7.580	93	35295	52.501	ug/l	99
47) Bromodichloromethane	7.818	83	70291	54.264	ug/l #	98
48) Methyl methacrylate	7.690	41	61322	55.016	ug/l	94
49) 1,4-Dioxane	7.659	88	23351	963.005	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	432143	290.567	ug/l	98
52) Toluene	8.720	92	110398	48.059	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	69838	45.428	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	76982	53.027	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	50663	51.709	ug/l	91
56) Ethyl methacrylate	9.116	69	78413	53.460	ug/l	97
57) 1,3-Dichloropropane	9.305	76	83328	52.106	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	166076	239.351	ug/l	95
59) 2-Hexanone	9.427	43	331588	281.207	ug/l	99
60) Dibromochloromethane	9.518	129	51095	51.187	ug/l	98
61) 1,2-Dibromoethane	9.610	107	51406	49.361	ug/l	99
64) Tetrachloroethene	9.275	164	40744	47.567	ug/l	97
65) Chlorobenzene	10.079	112	123034	48.229	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	45526	51.528	ug/l	99
67) Ethyl Benzene	10.195	91	228618	50.319	ug/l	98
68) m/p-Xylenes	10.299	106	166395	96.971	ug/l	96
69) o-Xylene	10.640	106	82387	49.408	ug/l	95
70) Styrene	10.652	104	141862	51.171	ug/l	99
71) Bromoform	10.799	173	37290	45.116	ug/l #	99
73) Isopropylbenzene	10.963	105	222177	49.765	ug/l	100
74) N-amyl acetate	10.841	43	111601	58.317	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	85199	53.117	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70425m	54.865	ug/l	
77) Bromobenzene	11.195	156	52790	50.063	ug/l	99
78) n-propylbenzene	11.305	91	274383	50.763	ug/l	98
79) 2-Chlorotoluene	11.360	91	163170	49.992	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	191355	50.911	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	20675	45.569	ug/l	99
82) 4-Chlorotoluene	11.451	91	188684	48.791	ug/l	100
83) tert-Butylbenzene	11.713	119	183847	49.891	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	190929	50.210	ug/l	99
85) sec-Butylbenzene	11.890	105	237478	50.146	ug/l	100
86) p-Isopropyltoluene	12.006	119	192555	49.602	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	102071	48.854	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	104157	47.079	ug/l	98
89) n-Butylbenzene	12.329	91	188171	50.215	ug/l	97
90) Hexachloroethane	12.536	117	31439	51.344	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	101785	50.325	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19720	53.268	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	66325	47.899	ug/l	97
94) Hexachlorobutadiene	13.725	225	24310	43.989	ug/l	98
95) Naphthalene	13.774	128	224908	51.427	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	65685	49.766	ug/l	99

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VSTDCCC050EC

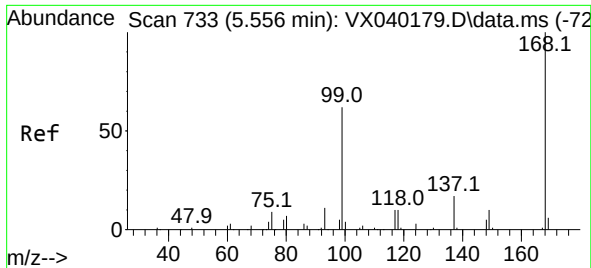
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/22/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

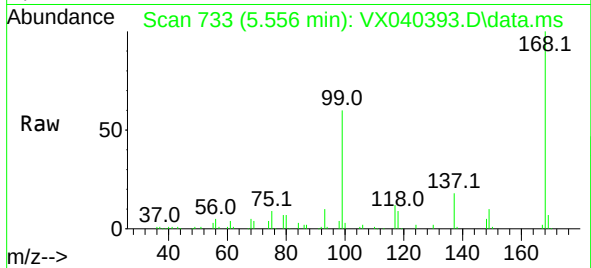
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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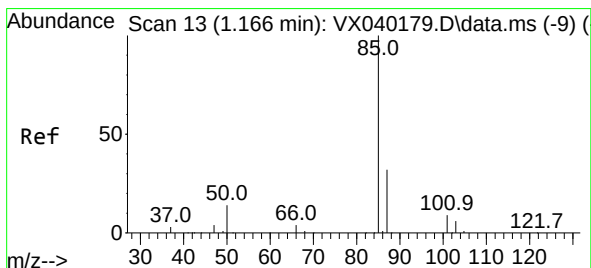
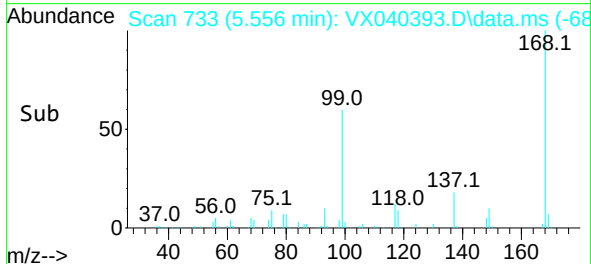
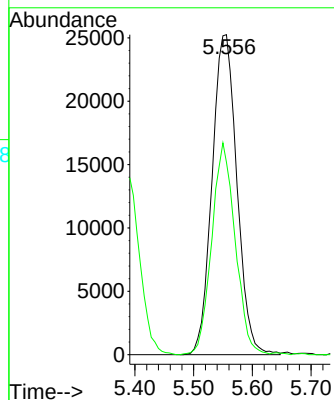
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 7413
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0

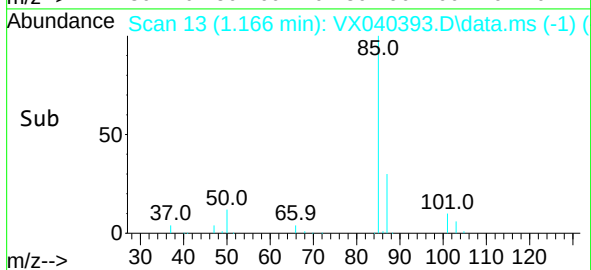
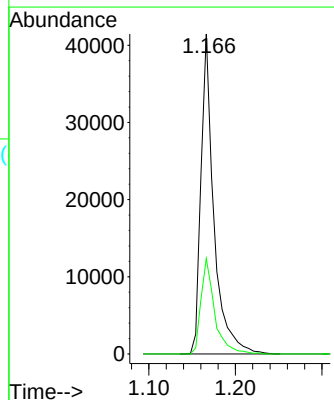
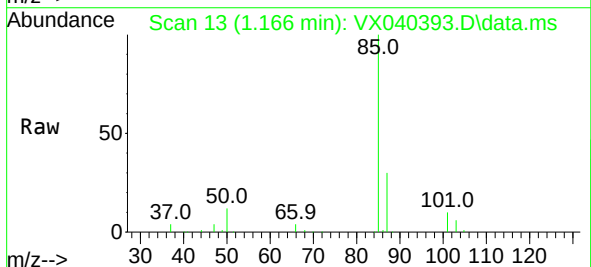
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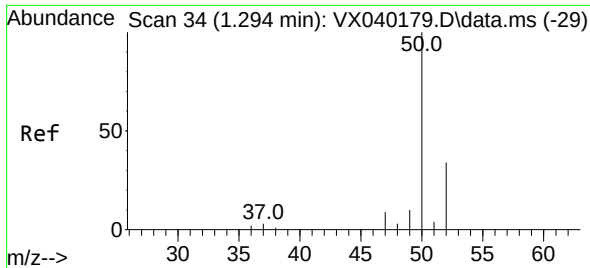
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#2
Dichlorodifluoromethane
Concen: 51.052 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

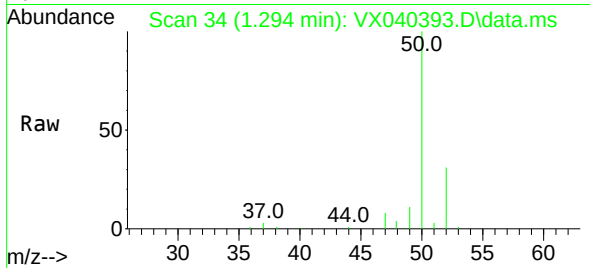
Tgt Ion: 85 Resp: 42753
Ion Ratio Lower Upper
85 100
87 29.8 16.7 50.1





#3
Chloromethane
Concen: 48.409 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

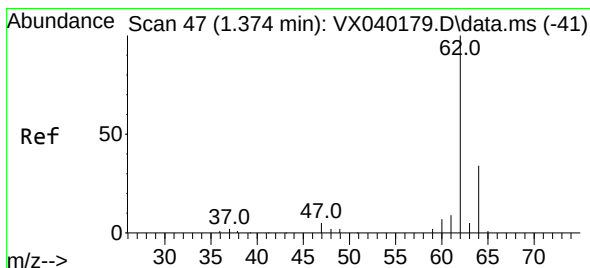
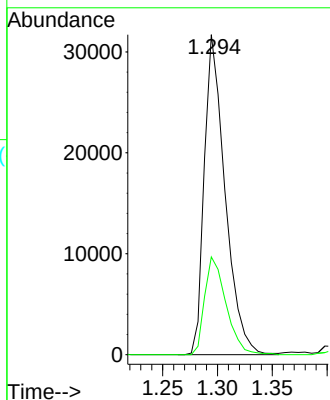
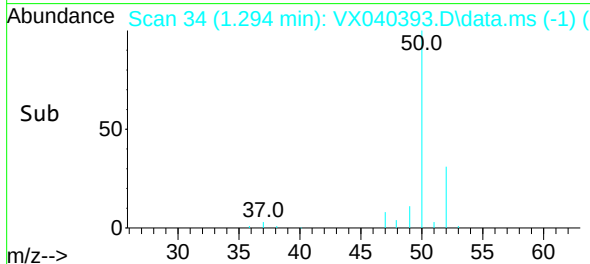
Instrument :
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Tgt Ion: 50 Resp: 4180
Ion Ratio Lower Upper
50 100
52 30.6 25.5 38.3

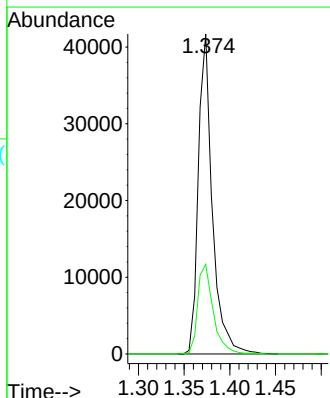
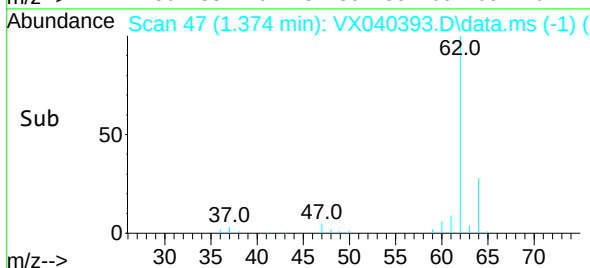
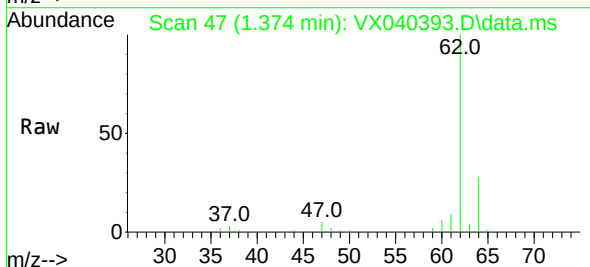
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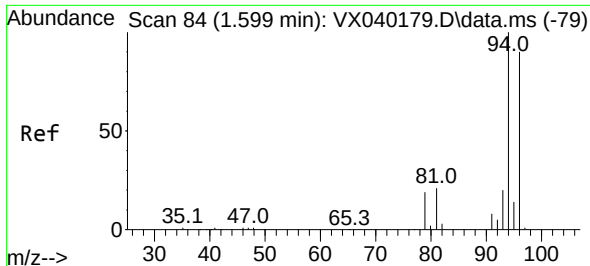
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#4
Vinyl Chloride
Concen: 48.562 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

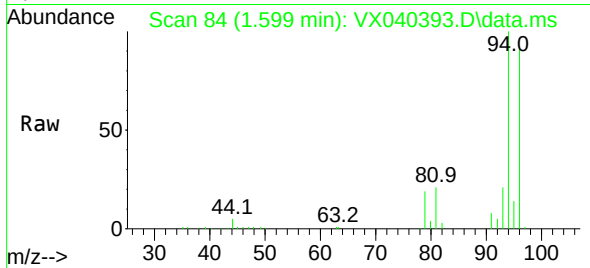
Tgt Ion: 62 Resp: 44317
Ion Ratio Lower Upper
62 100
64 28.0 25.4 38.0





#5
Bromomethane
Concen: 52.990 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

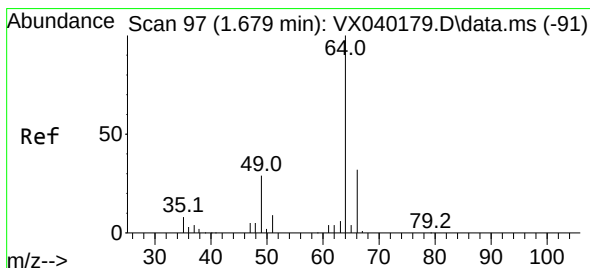
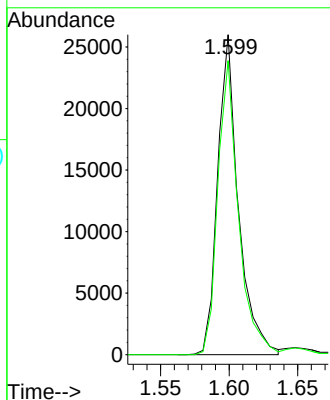
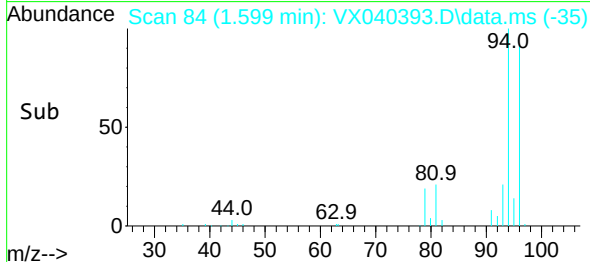
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 27289
Ion Ratio Lower Upper
94 100
96 91.9 74.6 111.8

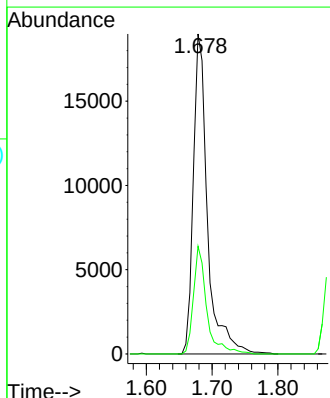
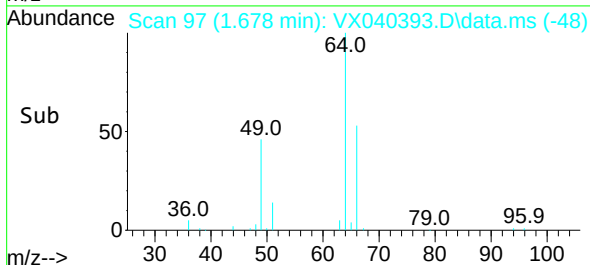
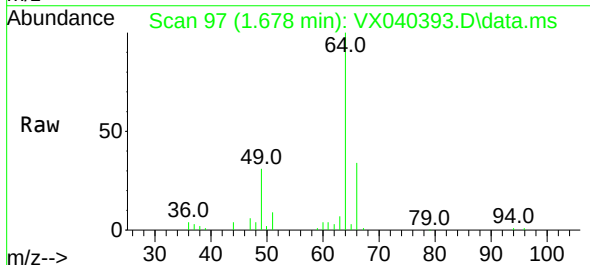
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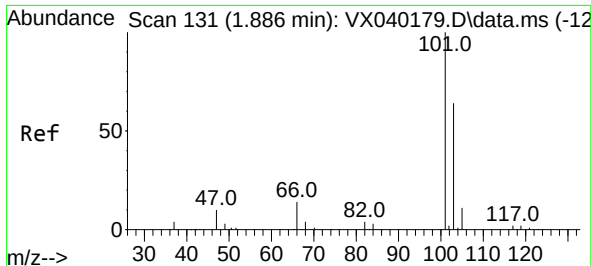
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#6
Chloroethane
Concen: 49.293 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX040393.D
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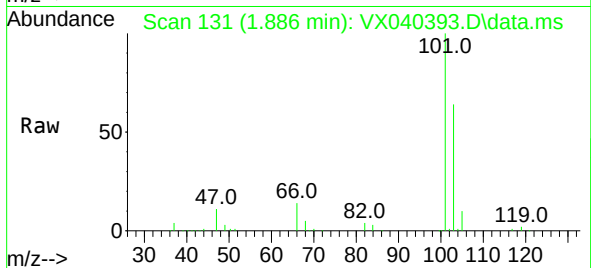
Tgt Ion: 64 Resp: 28371
Ion Ratio Lower Upper
64 100
66 33.6 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 49.318 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040393.D
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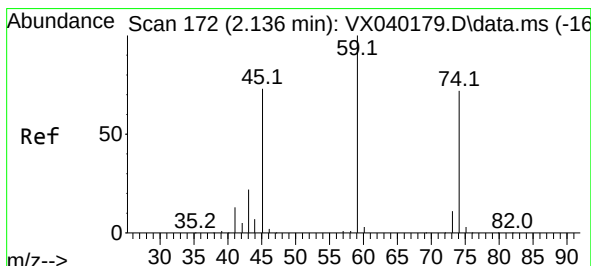
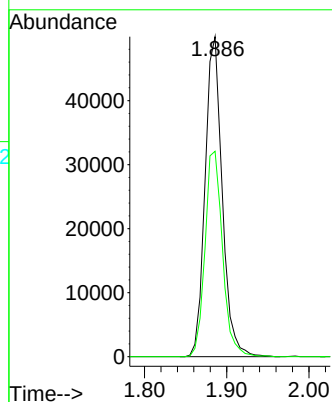
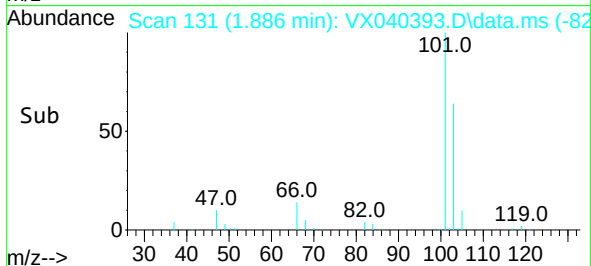
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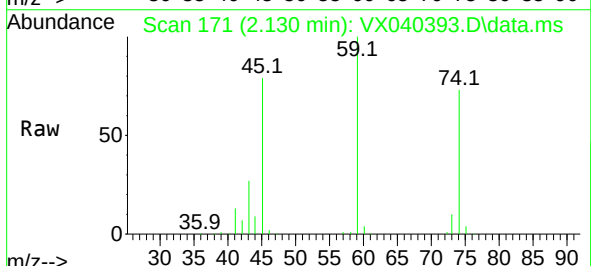
Tgt Ion:101 Resp: 72278
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.2

Manual Integrations
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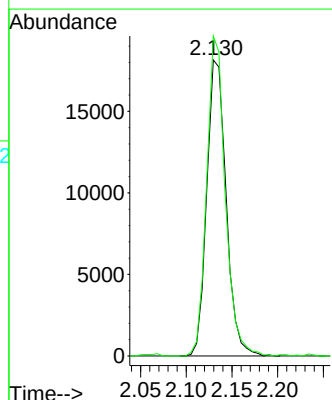
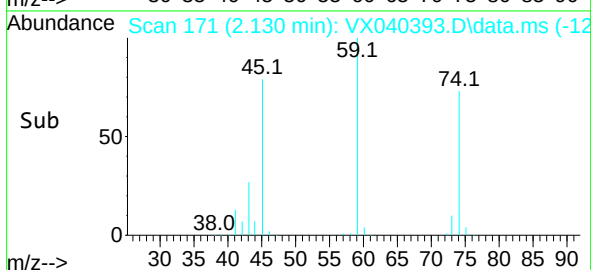
Reviewed By :John Carlone 02/22/2024
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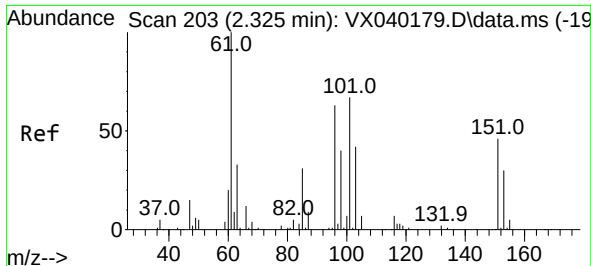


#8
 Diethyl Ether
 Concen: 48.576 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX040393.D
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Tgt Ion: 74 Resp: 26743
 Ion Ratio Lower Upper
 74 100
 45 104.0 53.3 159.8





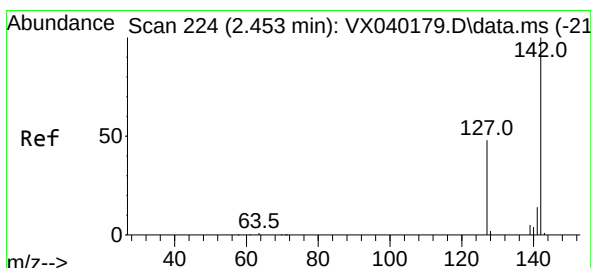
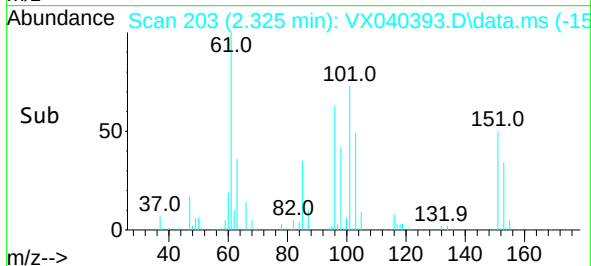
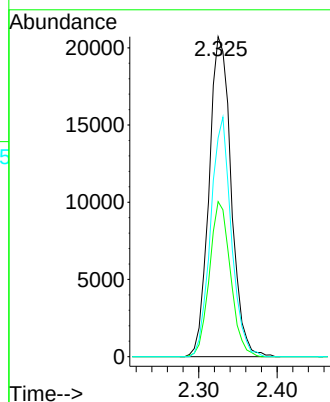
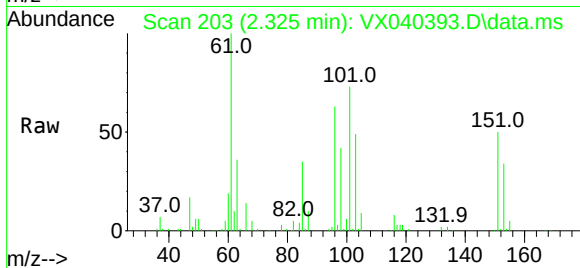
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.729 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040393.D
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Tgt Ion:101 Resp: 40660
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.6
151 70.1 58.6 87.8

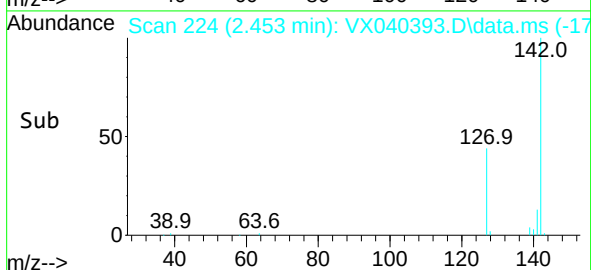
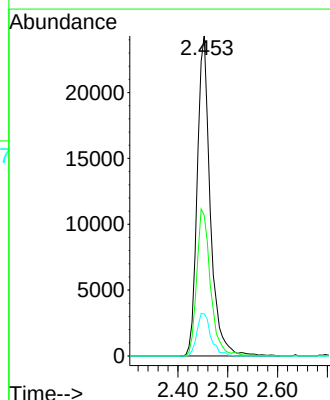
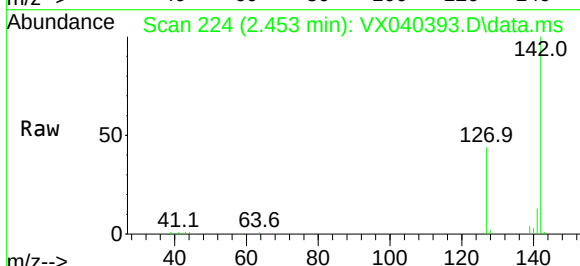
Manual Integrations
APPROVED

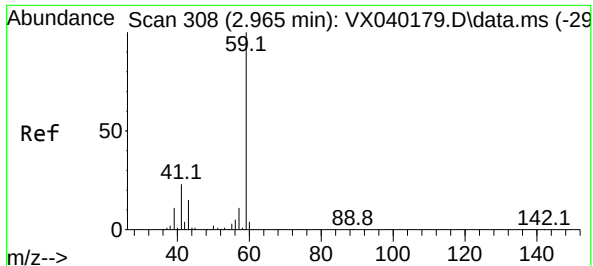
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#10
Methyl Iodide
Concen: 50.629 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Tgt Ion:142 Resp: 44188
Ion Ratio Lower Upper
142 100
127 48.3 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 280.582 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 60279

Ion Ratio Lower Upper

59 100

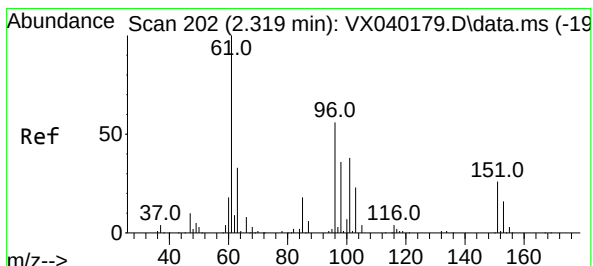
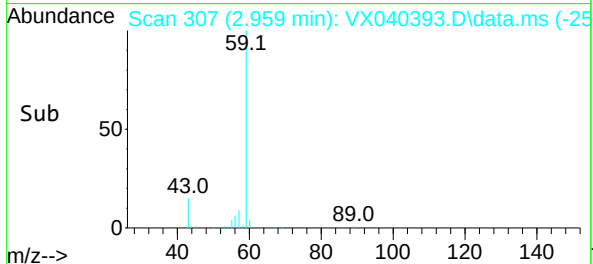
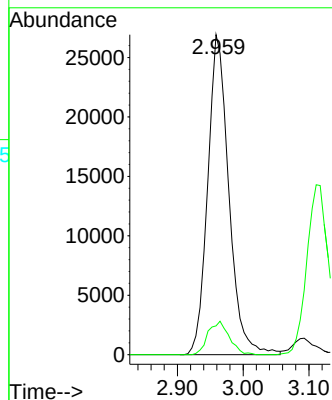
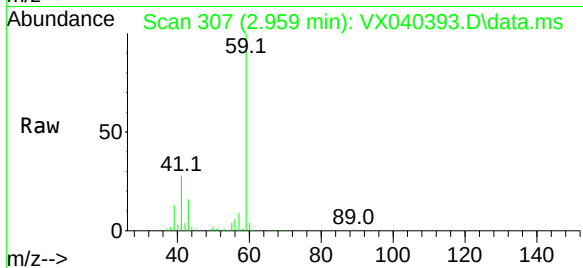
57 10.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#12

1,1-Dichloroethene

Concen: 49.563 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

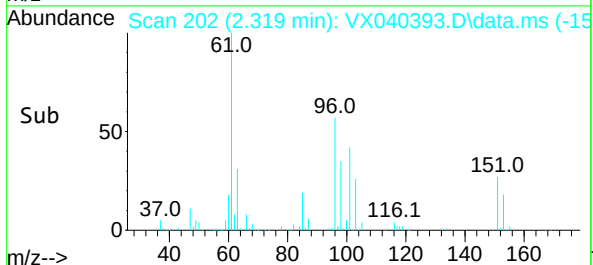
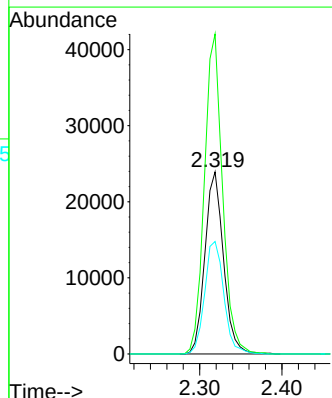
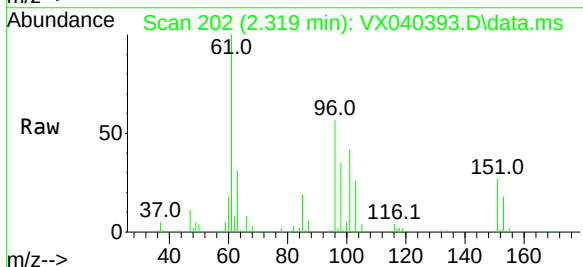
Tgt Ion: 96 Resp: 37515

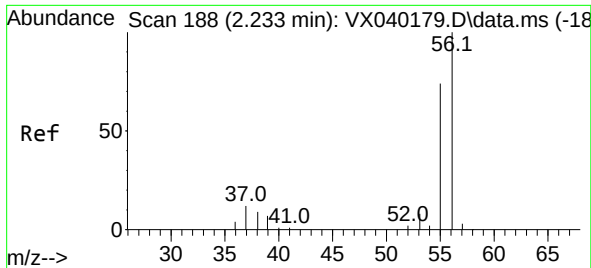
Ion Ratio Lower Upper

96 100

61 175.7 144.6 216.8

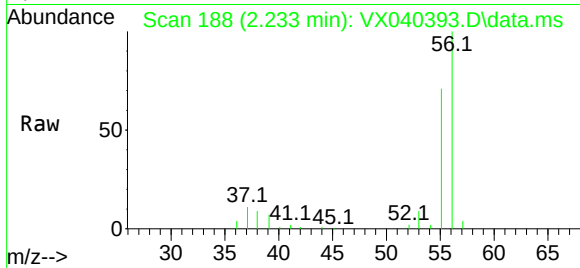
98 61.7 50.4 75.6





#13
Acrolein
Concen: 250.732 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

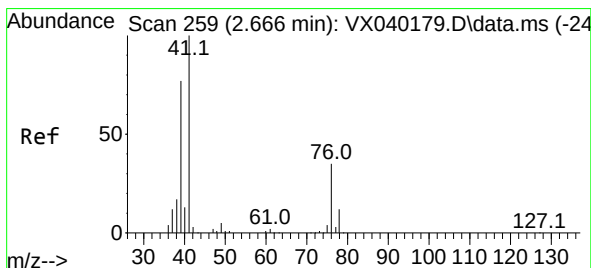
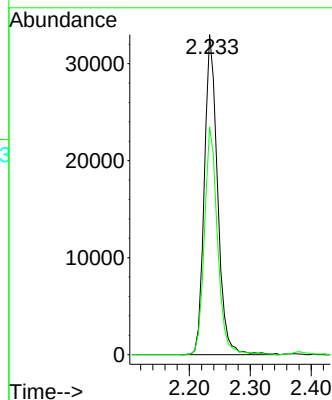
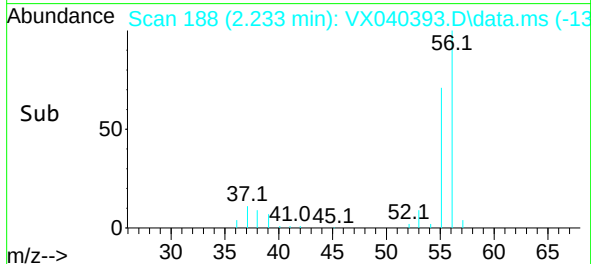
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 49719
Ion Ratio Lower Upper
56 100
55 70.9 57.1 85.7

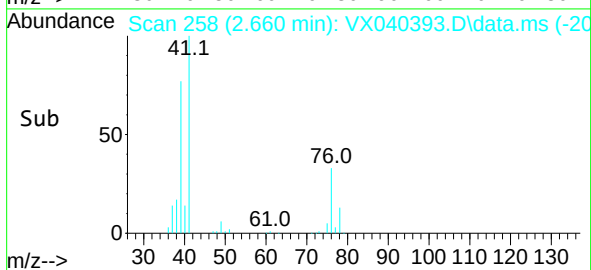
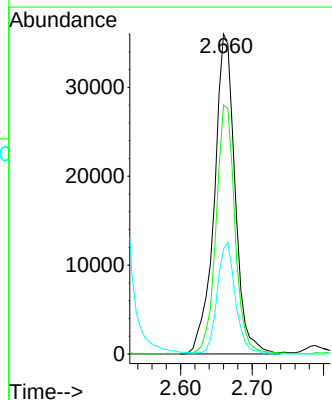
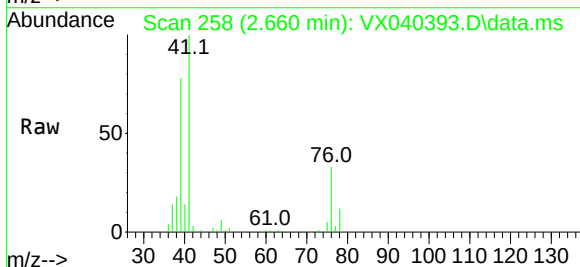
Manual Integrations
APPROVED

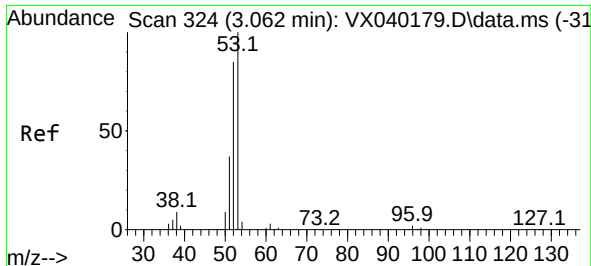
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#14
Allyl chloride
Concen: 55.389 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

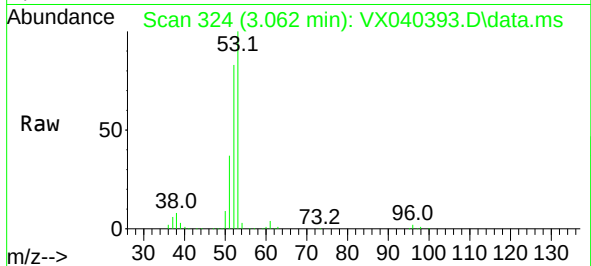
Tgt Ion: 41 Resp: 72755
Ion Ratio Lower Upper
41 100
39 71.0 55.8 83.6
76 30.5 24.3 36.5





#15
Acrylonitrile
Concen: 293.500 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

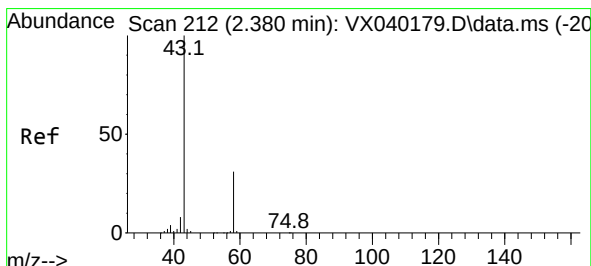
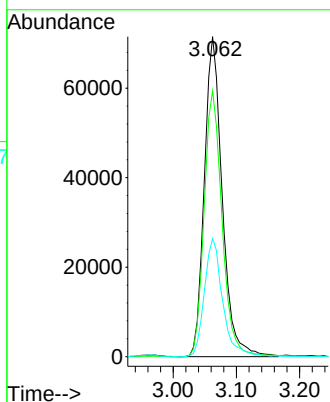
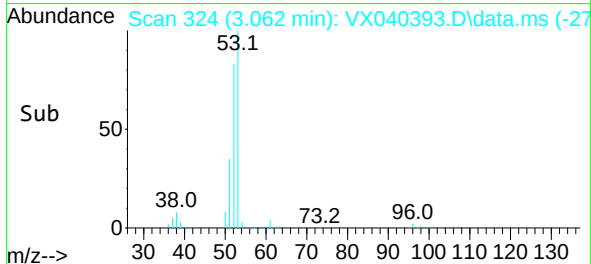
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



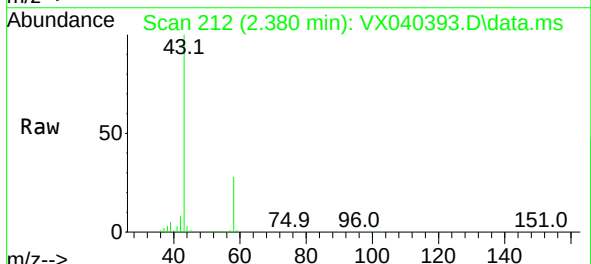
Tgt Ion: 53 Resp: 14108
Ion Ratio Lower Upper
53 100
52 83.7 66.0 99.0
51 37.8 29.8 44.6

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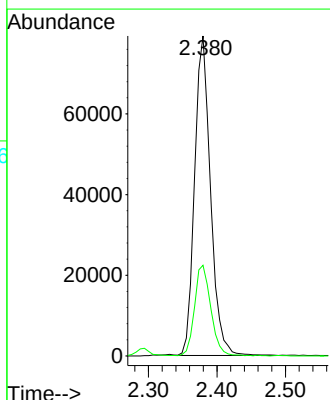
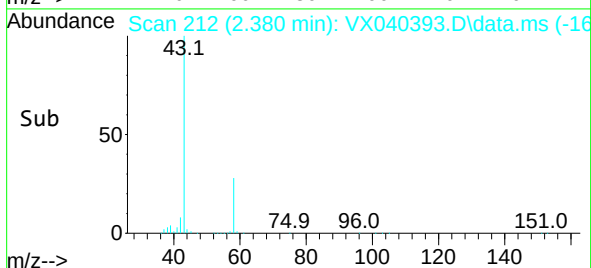
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

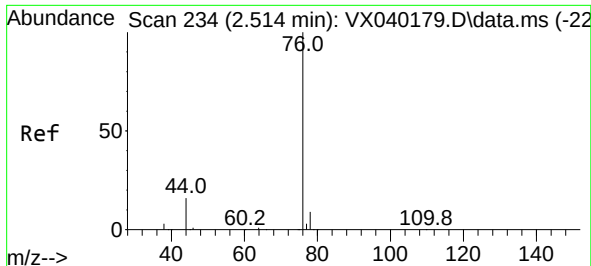


#16
Acetone
Concen: 283.101 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39



Tgt Ion: 43 Resp: 128241
Ion Ratio Lower Upper
43 100
58 28.3 21.9 32.9





#17

Carbon Disulfide

Concen: 39.517 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 78960

Ion Ratio Lower Upper

76 100

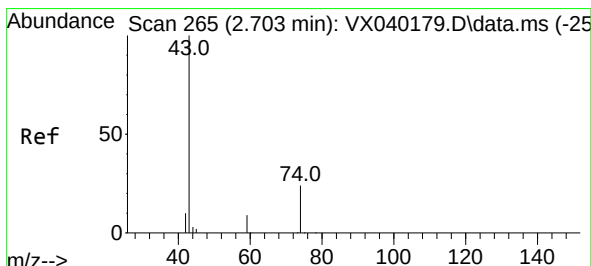
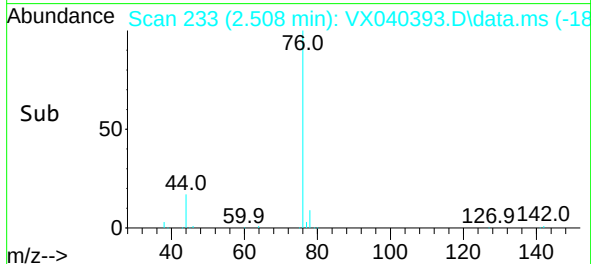
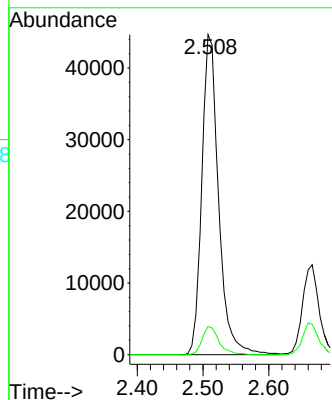
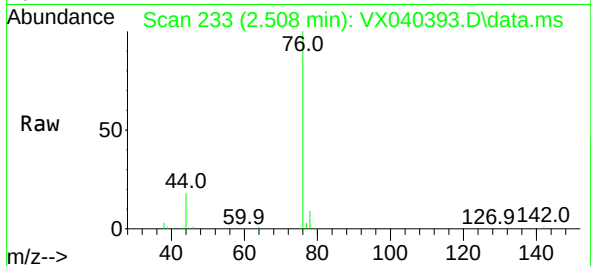
78 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#18

Methyl Acetate

Concen: 54.891 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040393.D

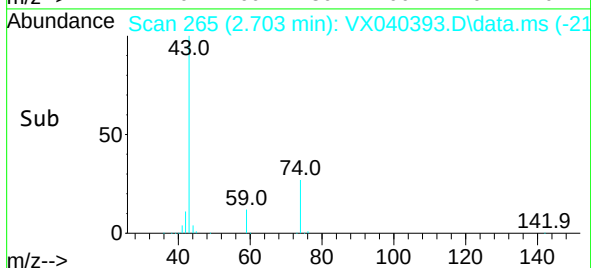
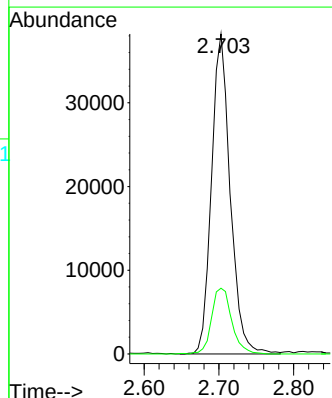
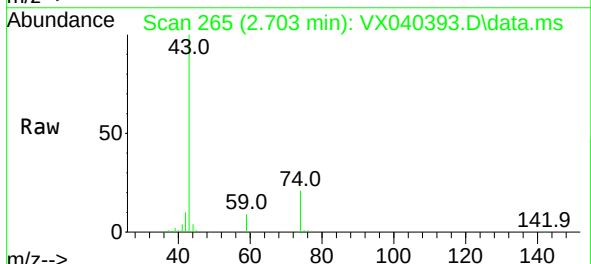
Acq: 21 Feb 2024 19:39

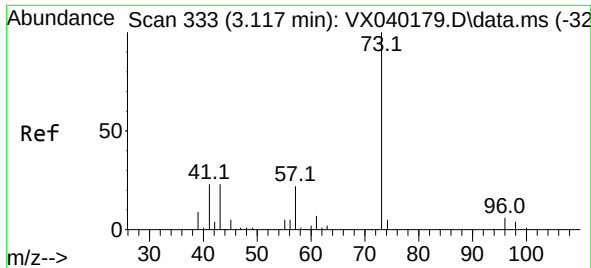
Tgt Ion: 43 Resp: 66656

Ion Ratio Lower Upper

43 100

74 22.1 17.8 26.8





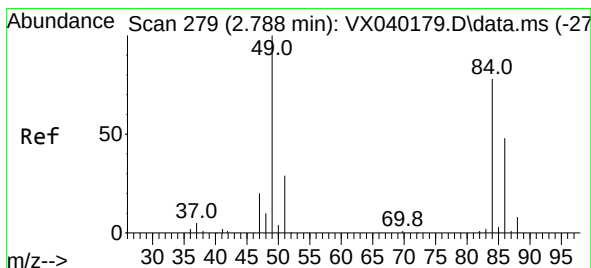
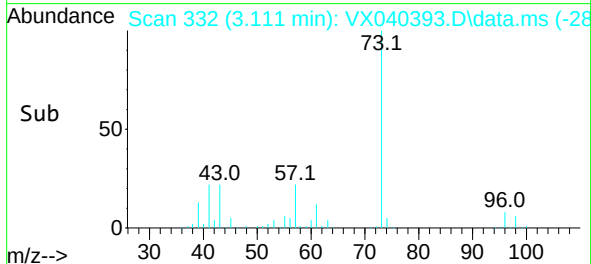
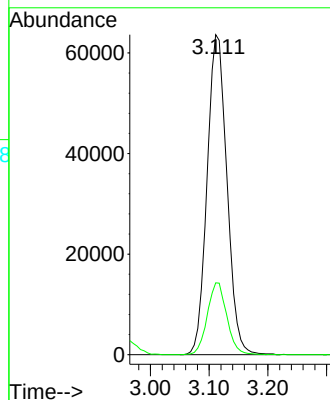
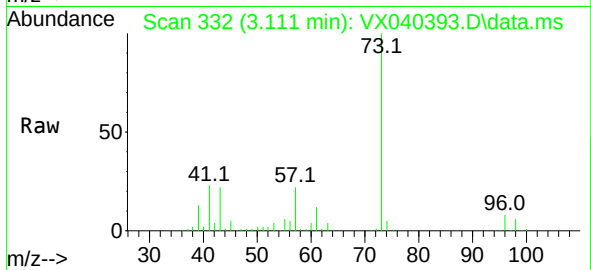
#19
Methyl tert-butyl Ether
Concen: 55.875 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 148997
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

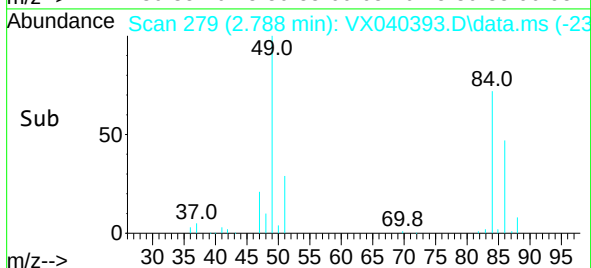
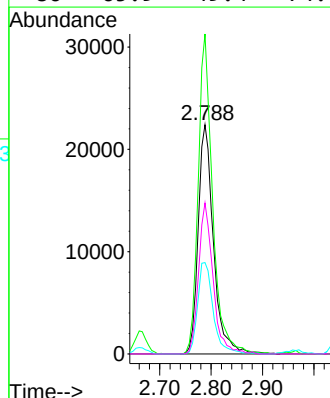
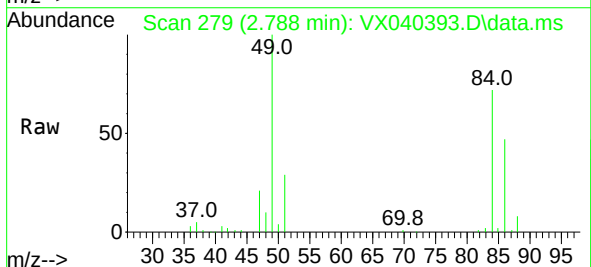
Manual Integrations
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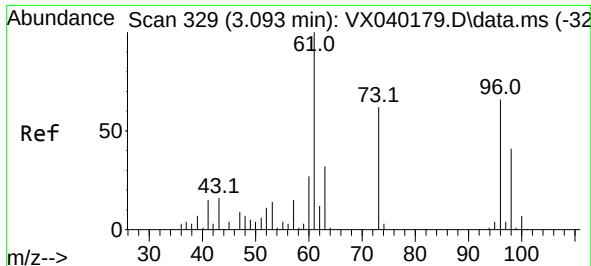
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#20
Methylene Chloride
Concen: 54.678 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

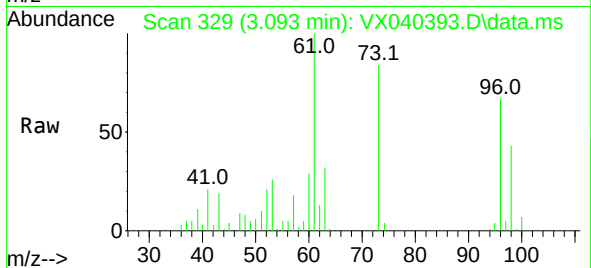
Tgt Ion: 84 Resp: 46306
Ion Ratio Lower Upper
84 100
49 139.6 103.6 155.4
51 39.8 33.8 50.6
86 65.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.100 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

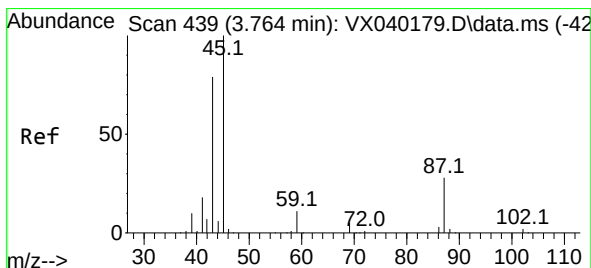
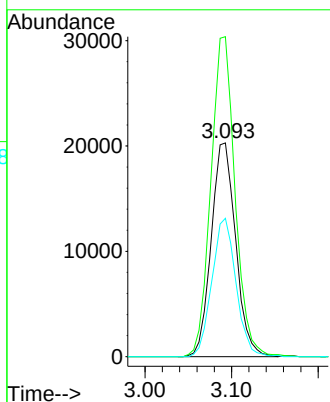
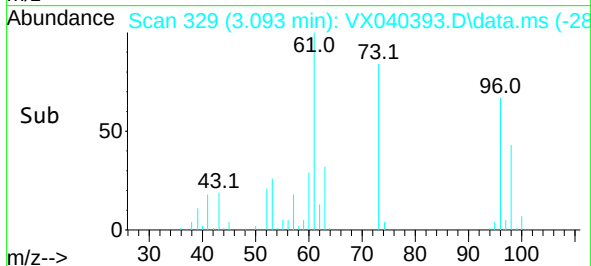
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



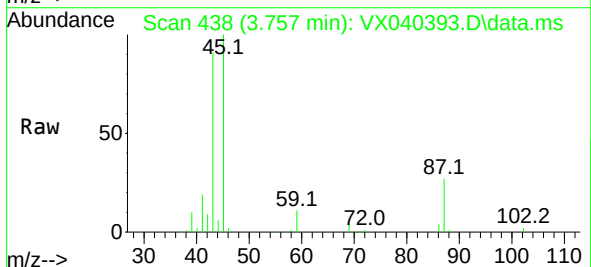
Tgt Ion: 96 Resp: 39740
Ion Ratio Lower Upper
96 100
61 149.7 119.2 178.8
98 64.8 48.7 73.1

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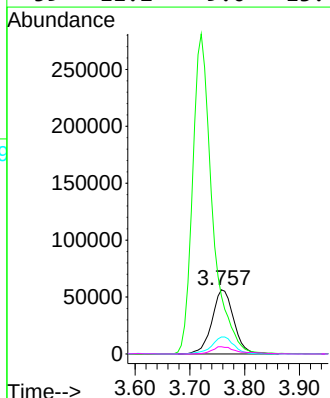
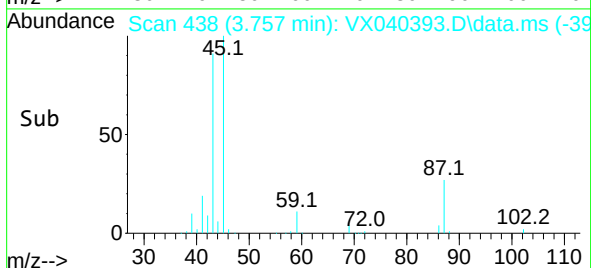
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

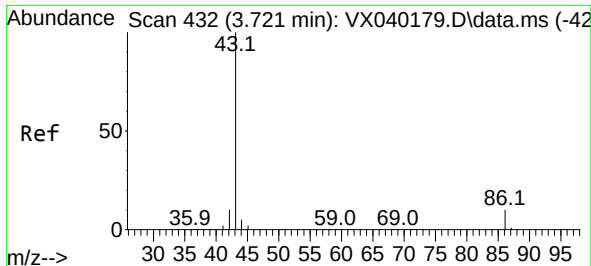


#22
Diisopropyl ether
Concen: 58.380 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39



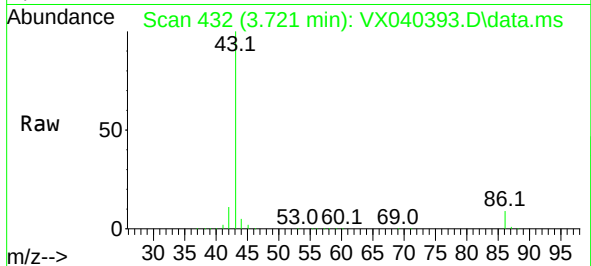
Tgt Ion: 45 Resp: 155521
Ion Ratio Lower Upper
45 100
43 89.7 69.7 104.5
87 26.6 20.8 31.2
59 11.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 296.557 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040393.D
 Acq: 21 Feb 2024 19:39

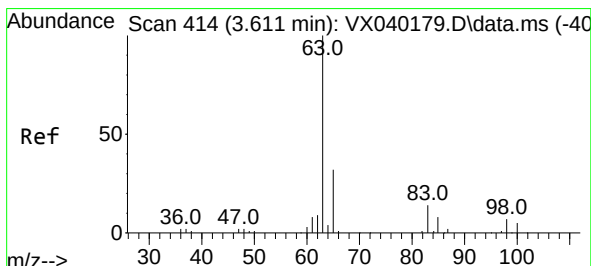
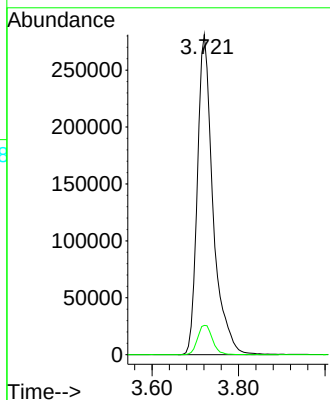
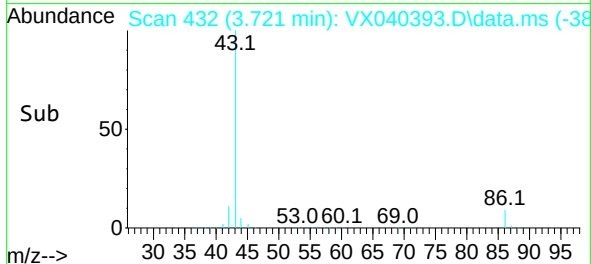
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



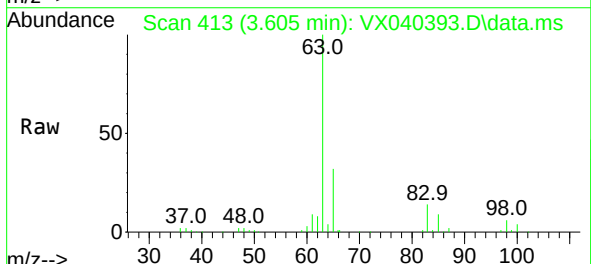
Tgt Ion: 43 Resp: 70426
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.8 11.8

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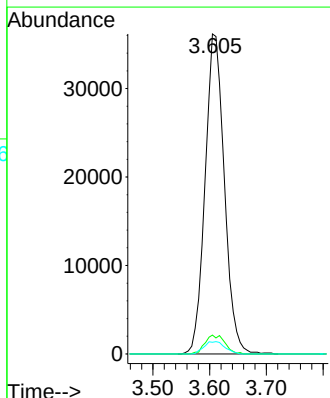
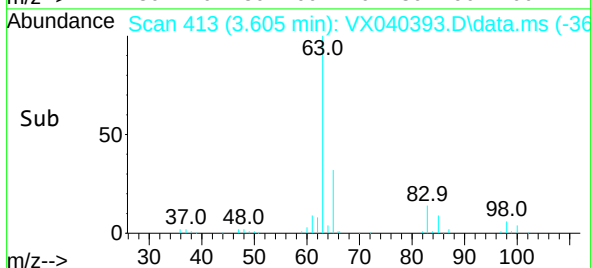
Reviewed By :John Carlone 02/22/2024
 Supervised By :Mahesh Dadoda 02/22/2024

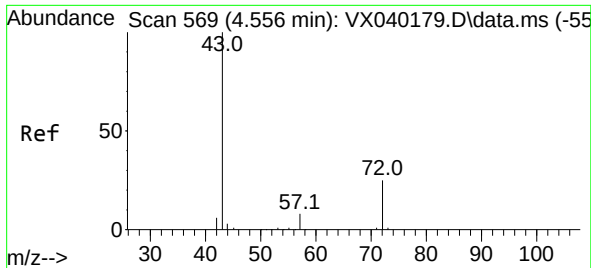


#24
 1,1-Dichloroethane
 Concen: 54.969 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040393.D
 Acq: 21 Feb 2024 19:39



Tgt Ion: 63 Resp: 85298
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 3.6 2.1 6.5





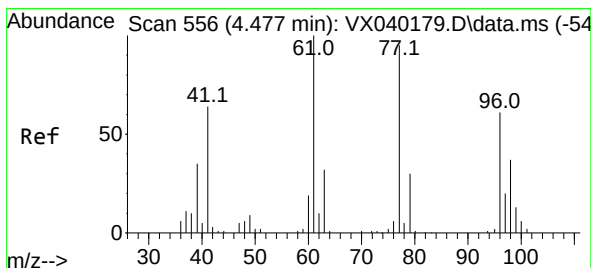
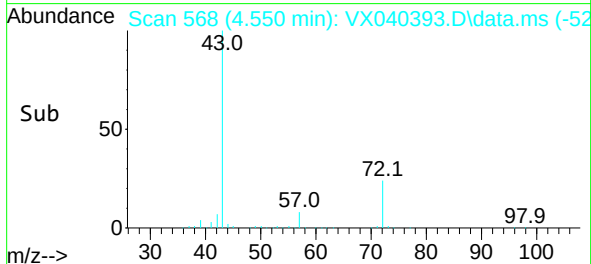
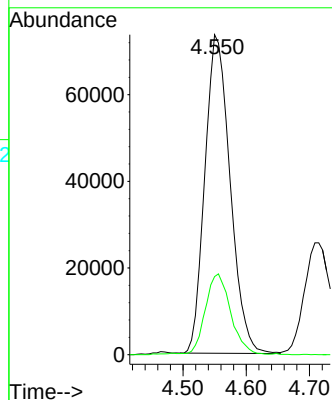
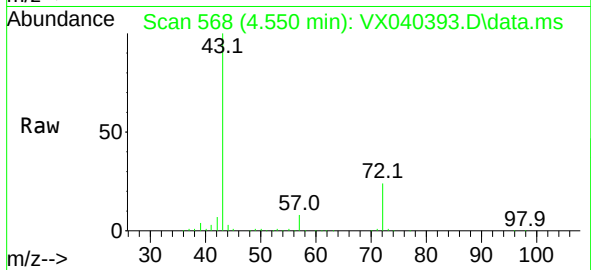
#25
2-Butanone
Concen: 288.274 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 20412
Ion Ratio Lower Upper
43 100
72 24.4 19.4 29.2

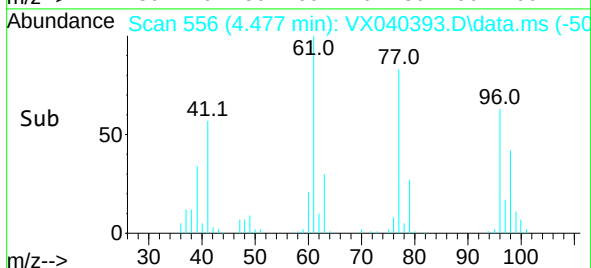
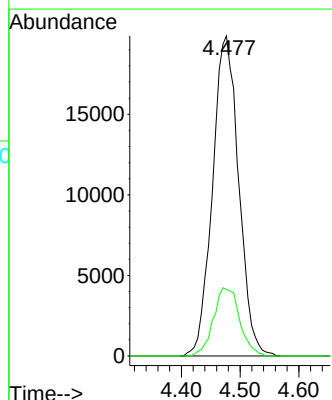
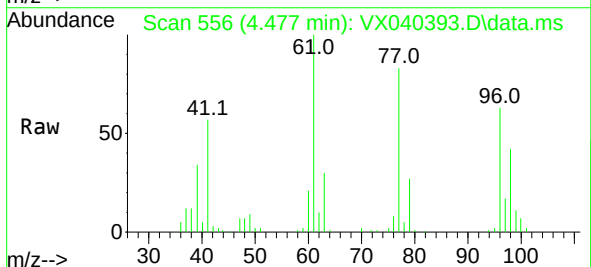
Manual Integrations
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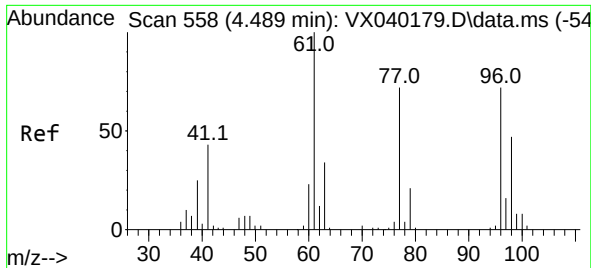
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#26
2,2-Dichloropropane
Concen: 51.464 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Tgt Ion: 77 Resp: 61475
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.955 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 50110

Ion Ratio Lower Upper

96 100

61 153.0 0.0 312.2

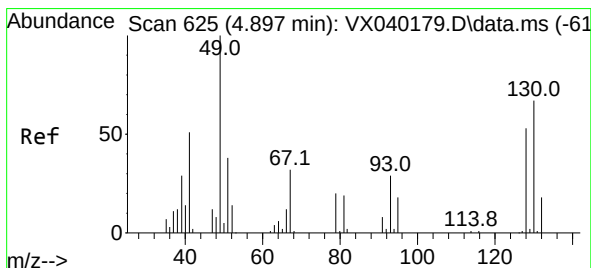
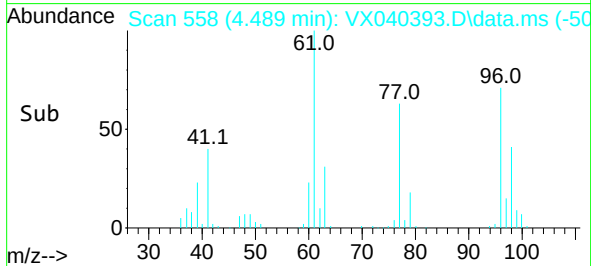
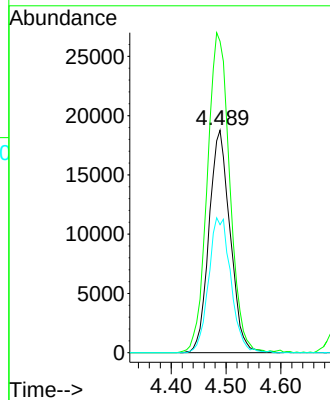
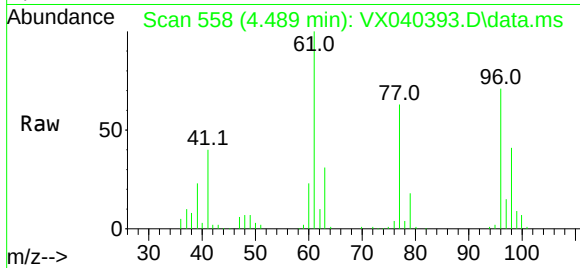
98 64.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#28

Bromochloromethane

Concen: 59.739 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

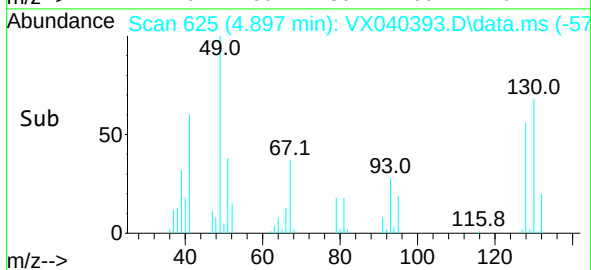
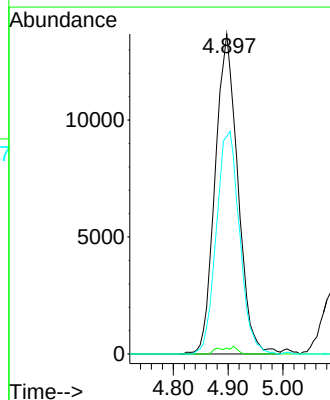
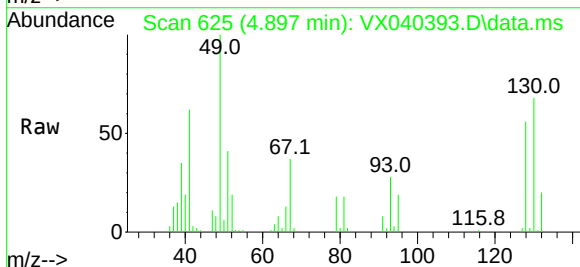
Tgt Ion: 49 Resp: 39358

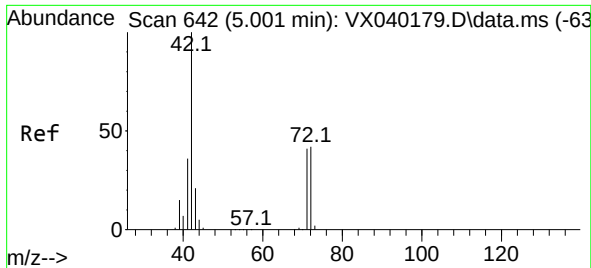
Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.8

130 71.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 286.123 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 13199

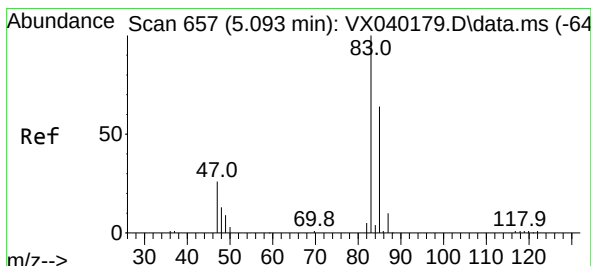
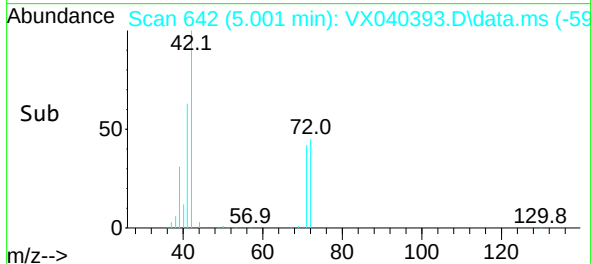
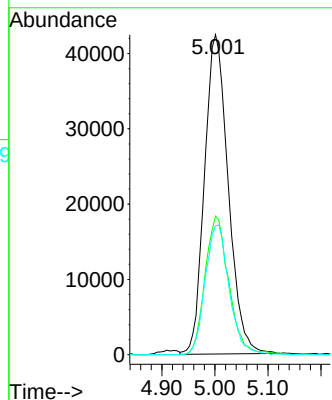
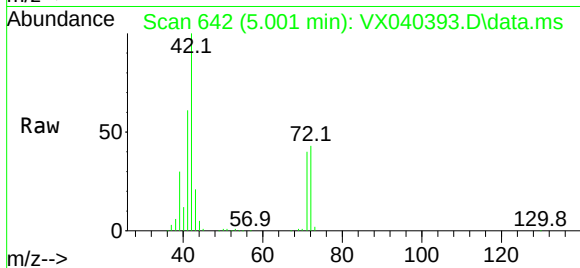
Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.2	51.4
71	41.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#30

Chloroform

Concen: 54.338 ug/l

RT: 5.092 min Scan# 657

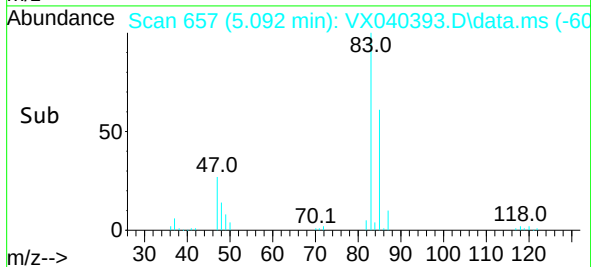
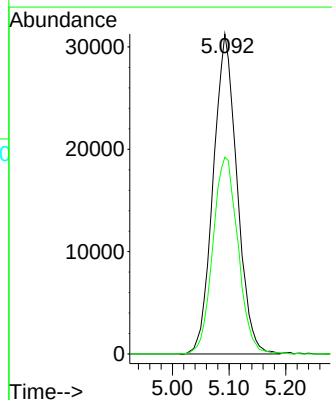
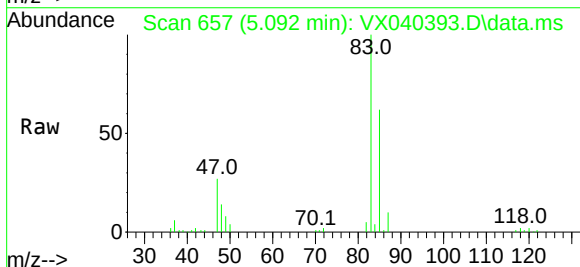
Delta R.T. -0.006 min

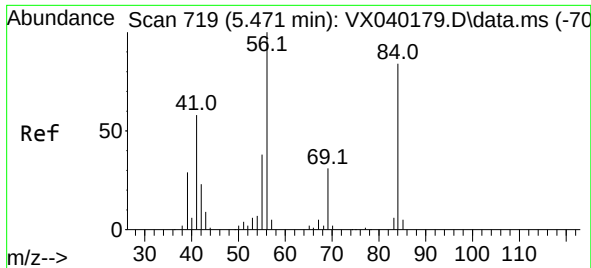
Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Tgt Ion: 83 Resp: 91165

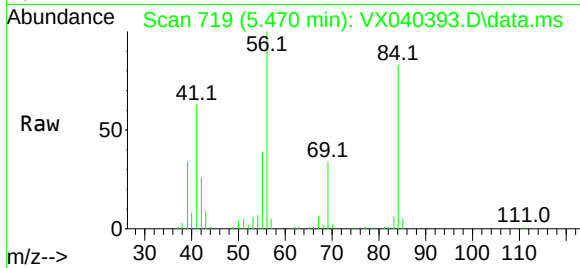
Ion	Ratio	Lower	Upper
83	100		
85	61.5	50.3	75.5





#31
Cyclohexane
Concen: 47.027 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

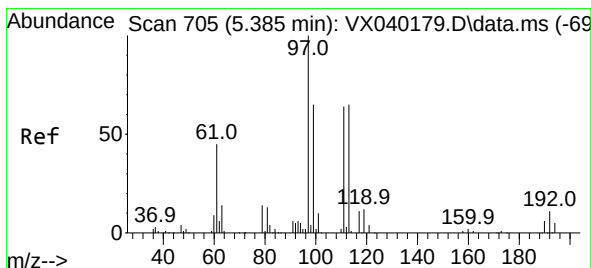
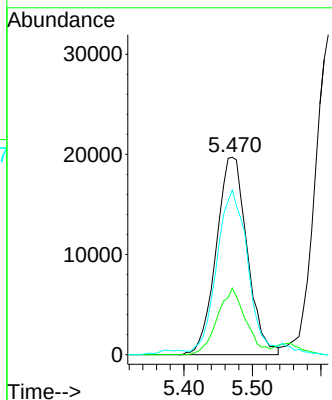
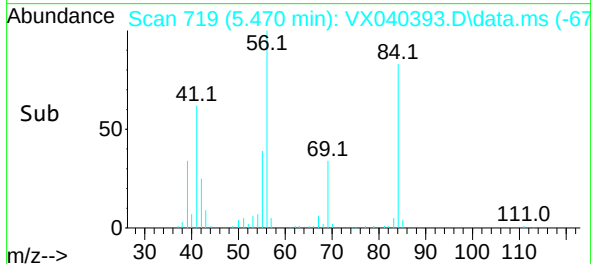
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



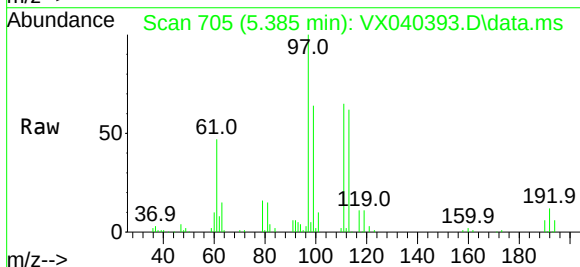
Tgt Ion: 56 Resp: 61860
Ion Ratio Lower Upper
56 100
69 33.7 23.4 35.2
84 81.1 65.9 98.9

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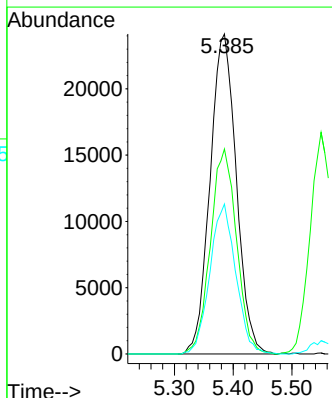
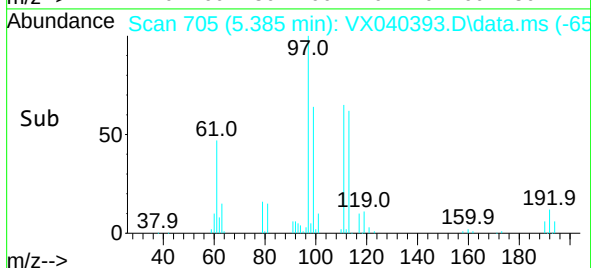
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

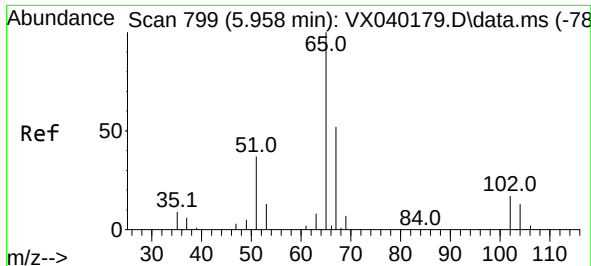


#32
1,1,1-Trichloroethane
Concen: 53.077 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39



Tgt Ion: 97 Resp: 74913
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 46.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 55.958 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 61718

Ion Ratio Lower Upper

65 100

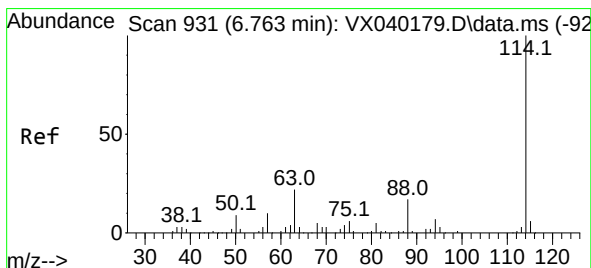
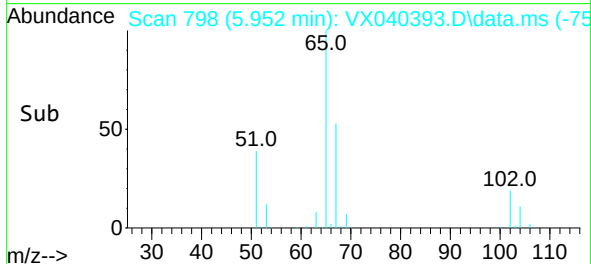
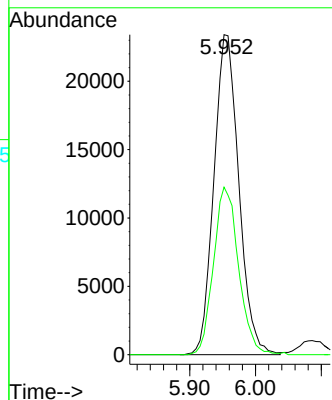
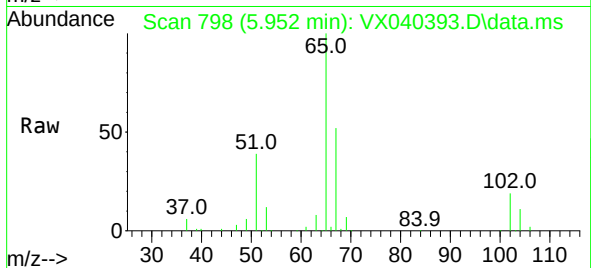
67 52.8 0.0 100.2

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: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

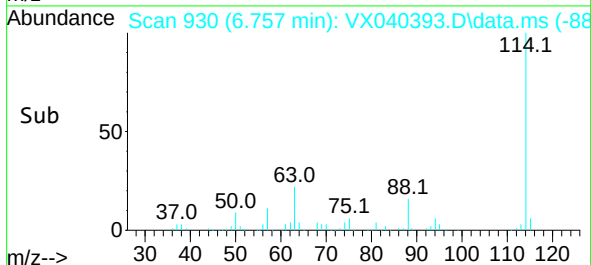
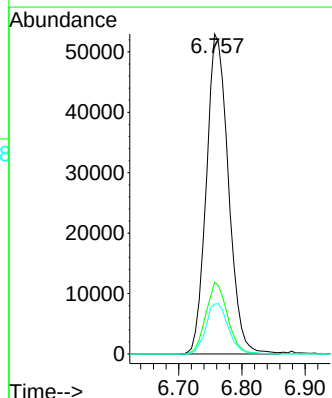
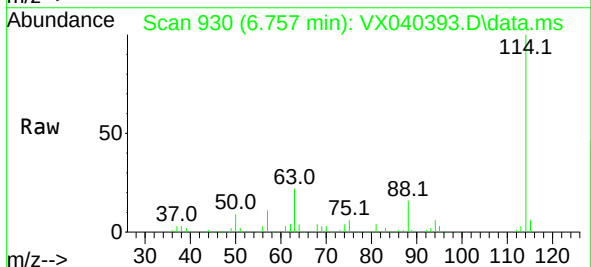
Tgt Ion:114 Resp: 128196

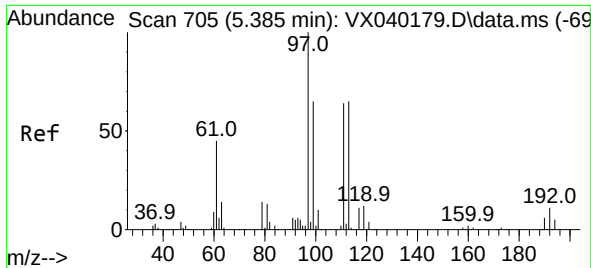
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

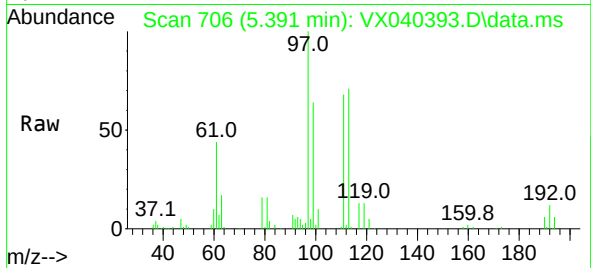
88 15.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.758 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

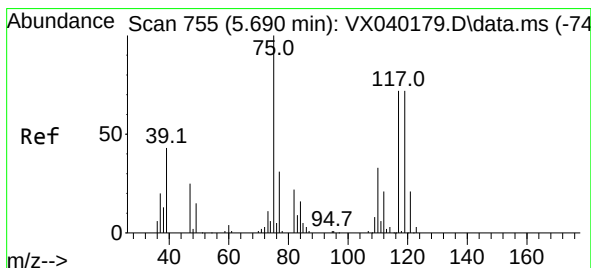
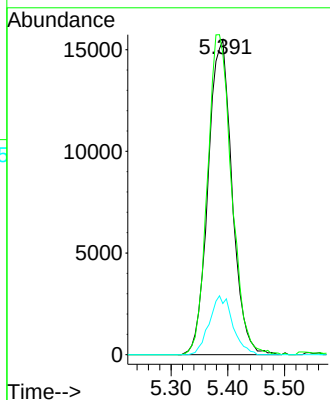
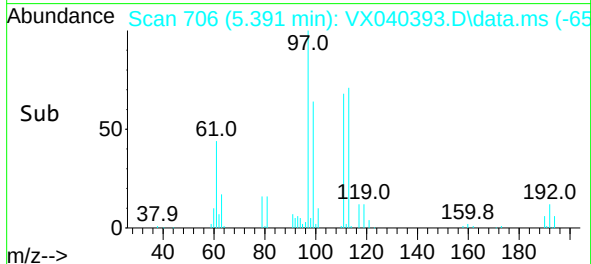
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 4544
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.3 13.3 19.9

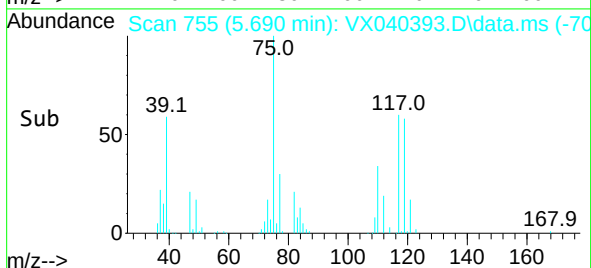
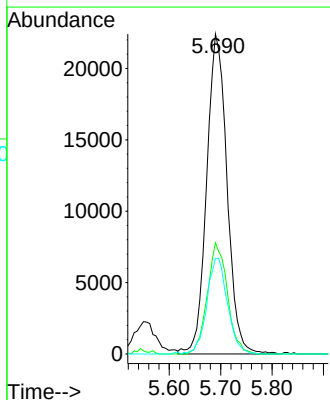
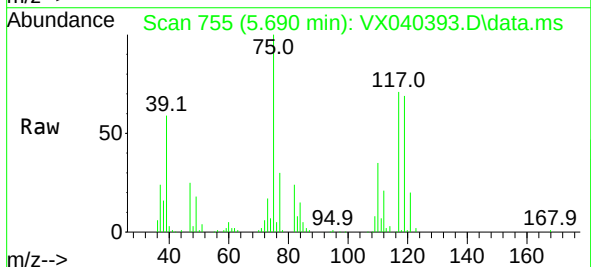
Manual Integrations
APPROVED

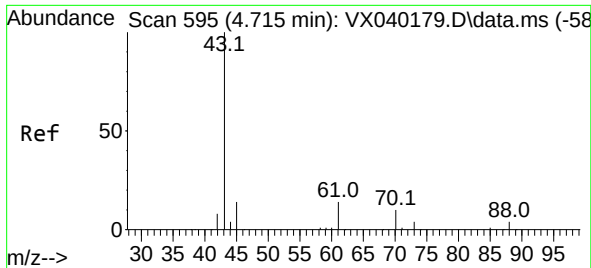
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#36
1,1-Dichloropropene
Concen: 49.306 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

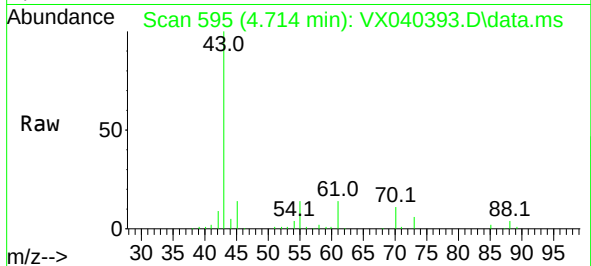
Tgt Ion: 75 Resp: 61834
Ion Ratio Lower Upper
75 100
110 34.2 17.0 50.9
77 30.3 24.7 37.1





#37
Ethyl Acetate
Concen: 55.288 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

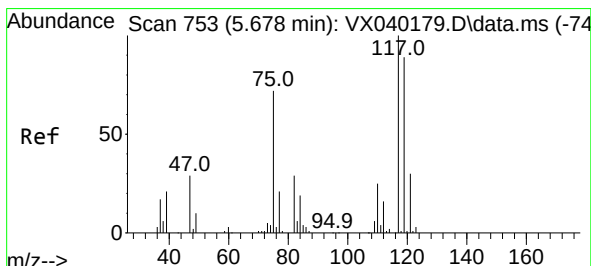
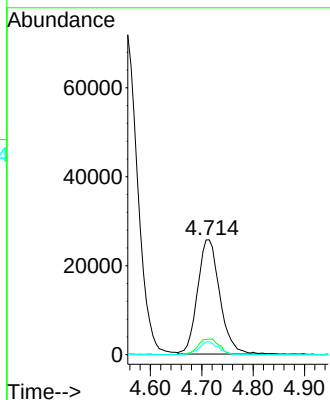
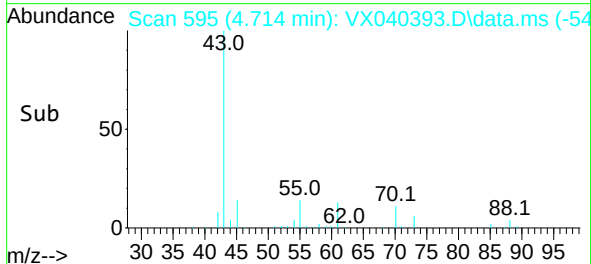
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 7715
Ion Ratio Lower Upper
43 100
61 13.4 10.6 16.0
70 9.8 8.3 12.5

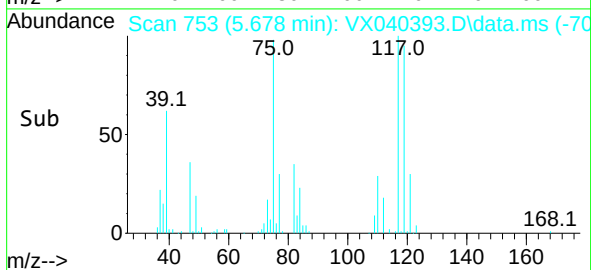
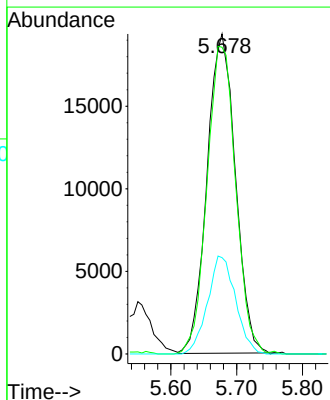
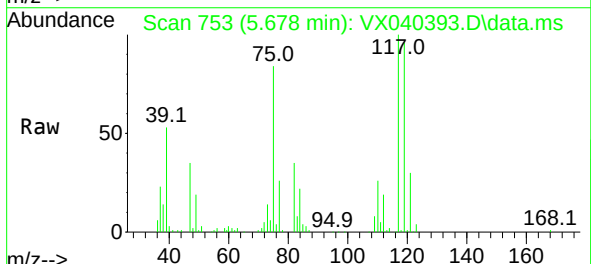
Manual Integrations
APPROVED

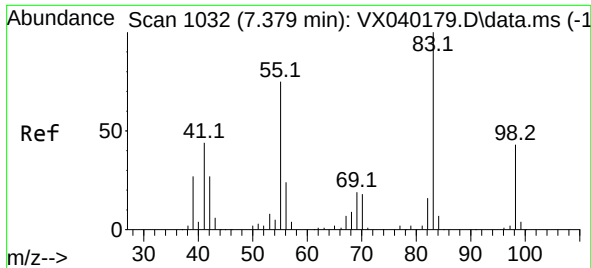
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#38
Carbon Tetrachloride
Concen: 48.728 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Tgt Ion:117 Resp: 58103
Ion Ratio Lower Upper
117 100
119 95.9 78.2 117.2
121 30.2 24.4 36.6





#39
Methylcyclohexane
Concen: 43.678 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

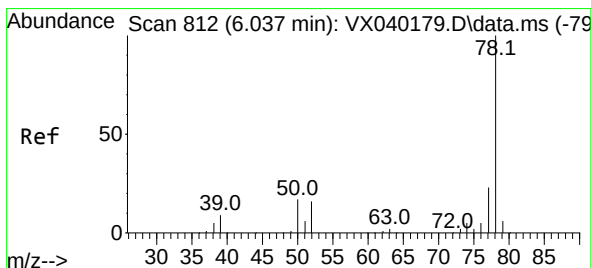
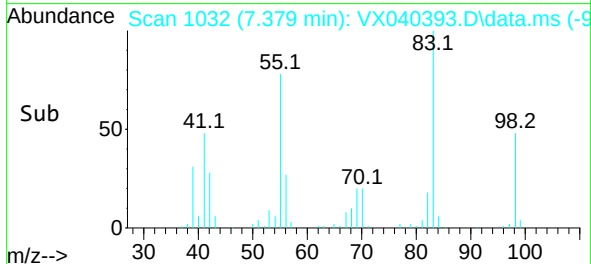
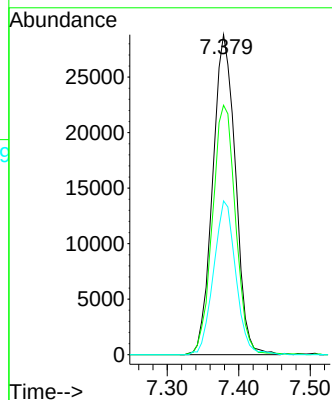
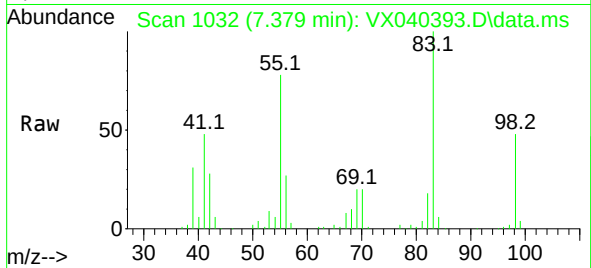
Tgt Ion: 83 Resp: 63658
Ion Ratio Lower Upper
83 100
55 77.9 64.6 97.0
98 48.0 36.7 55.1

Manual Integrations

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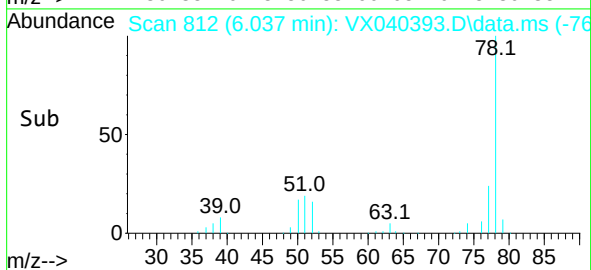
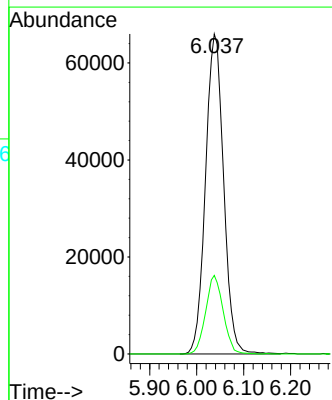
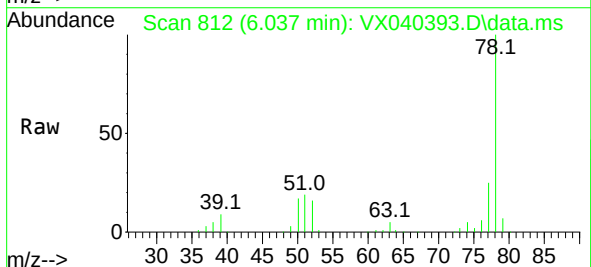
Reviewed By :John Carlone 02/22/2024

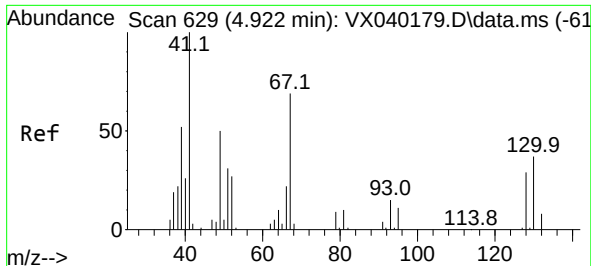
Supervised By :Mahesh Dadoda 02/22/2024



#40
Benzene
Concen: 50.213 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Tgt Ion: 78 Resp: 176098
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





#41
Methacrylonitrile
Concen: 58.567 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

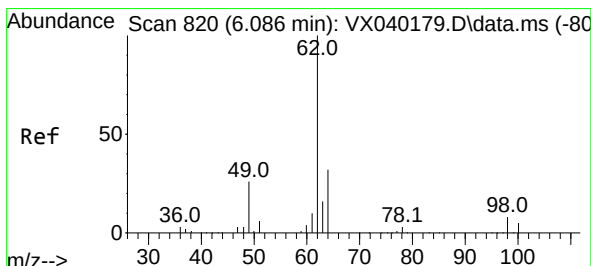
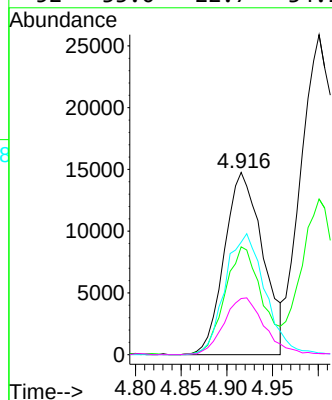
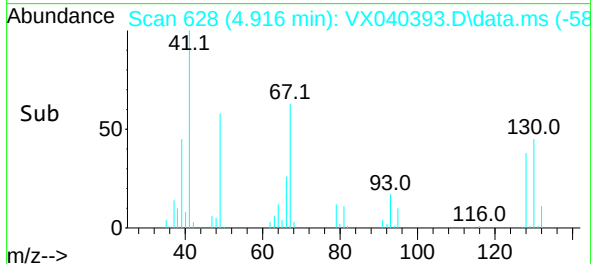
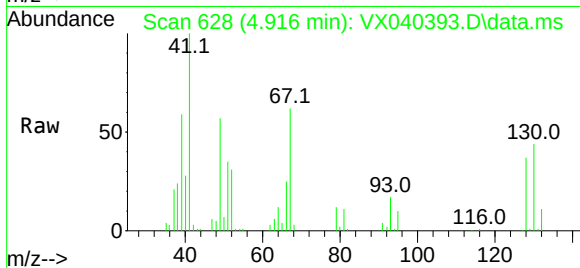
Tgt Ion: 41 Resp: 4332
Ion Ratio Lower Upper
41 100
39 57.2 45.2 67.8
67 69.1 52.6 78.8
52 33.0 22.7 34.1

Manual Integrations

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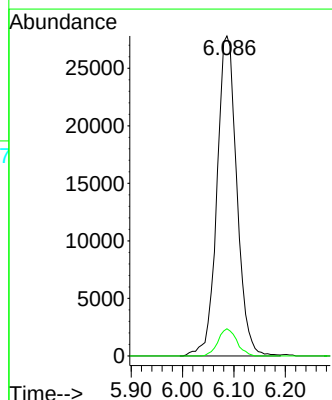
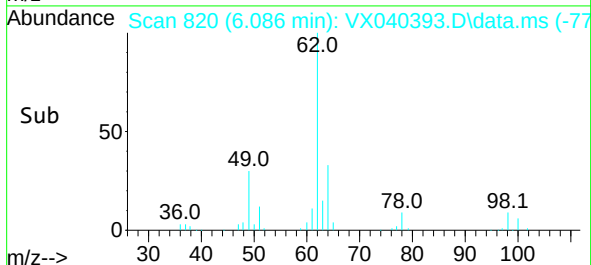
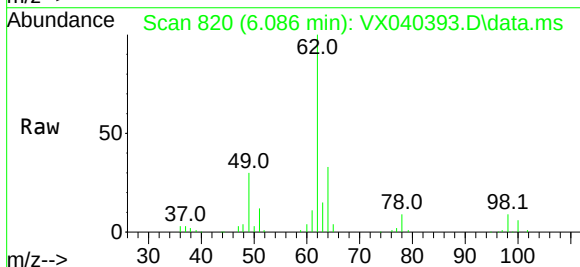
Reviewed By :John Carlone 02/22/2024

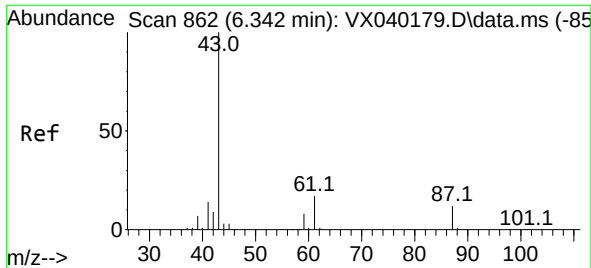
Supervised By :Mahesh Dadoda 02/22/2024



#42
1,2-Dichloroethane
Concen: 54.487 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Tgt Ion: 62 Resp: 74690
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 55.201 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 12024

Ion Ratio Lower Upper

43 100

61 18.5 15.2 22.8

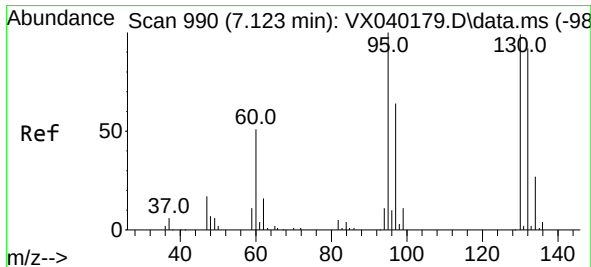
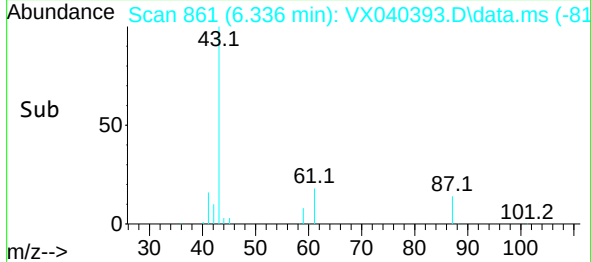
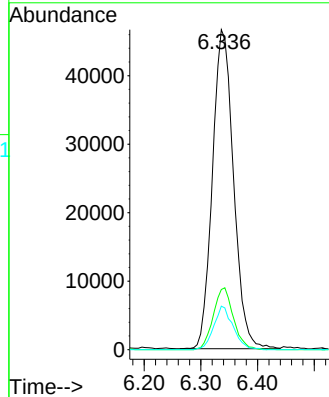
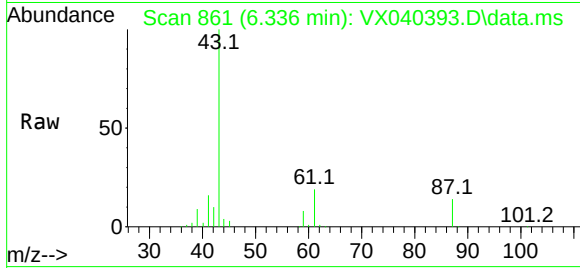
87 12.6 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#44

Trichloroethene

Concen: 47.879 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040393.D

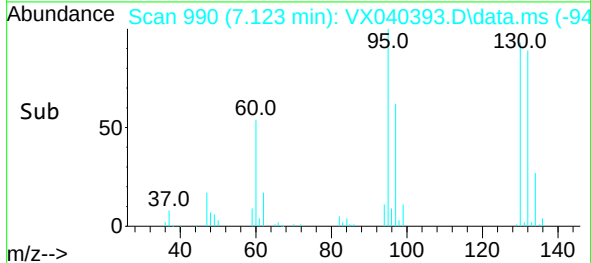
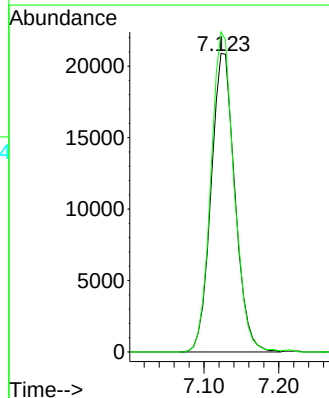
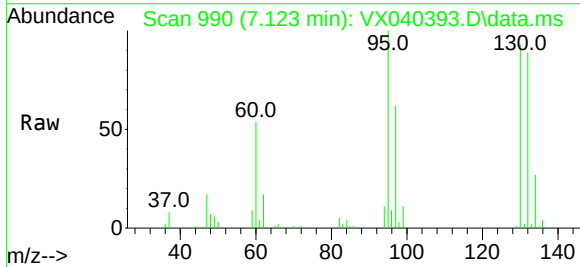
Acq: 21 Feb 2024 19:39

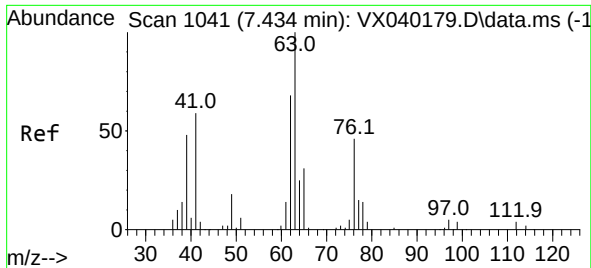
Tgt Ion:130 Resp: 46317

Ion Ratio Lower Upper

130 100

95 107.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 54.107 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 49390

Ion Ratio Lower Upper

63 100

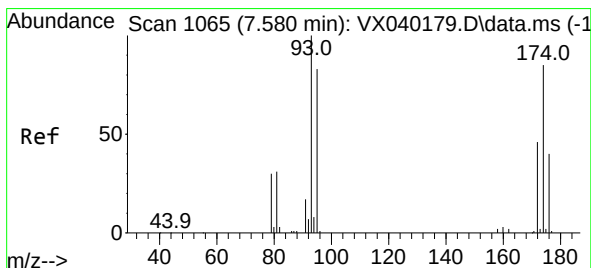
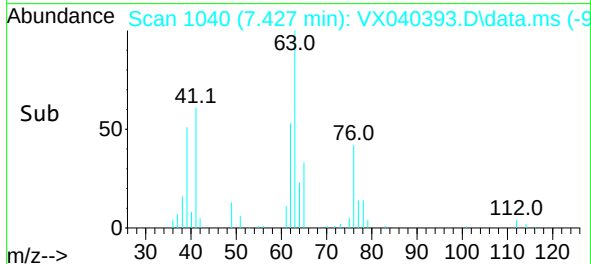
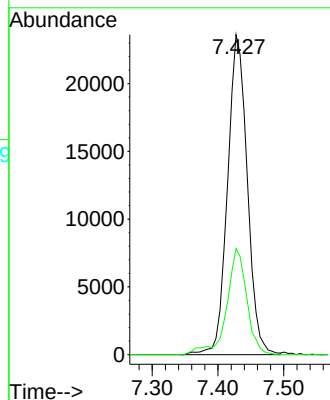
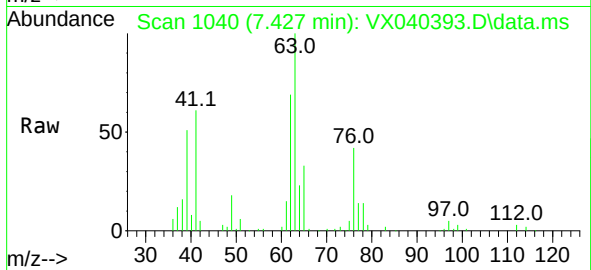
65 33.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#46

Dibromomethane

Concen: 52.501 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

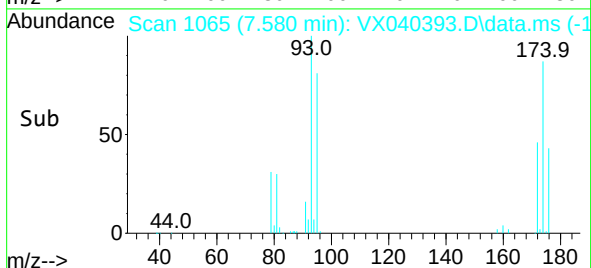
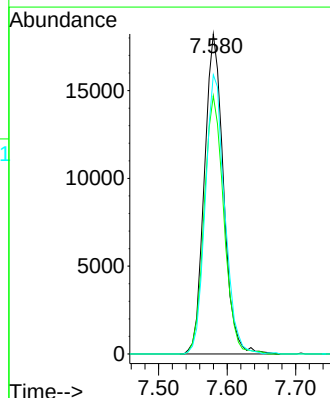
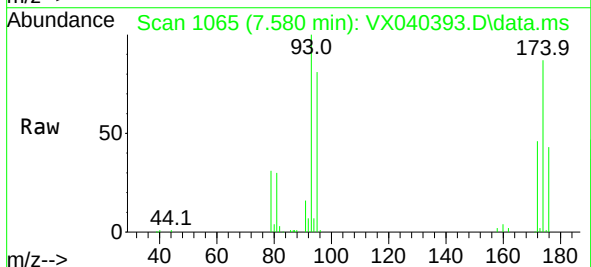
Tgt Ion: 93 Resp: 35295

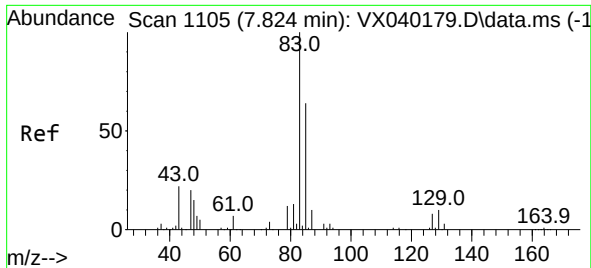
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 88.6 69.4 104.0





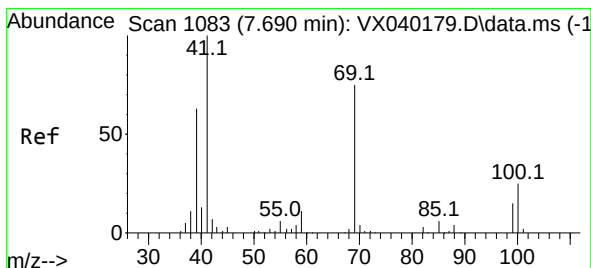
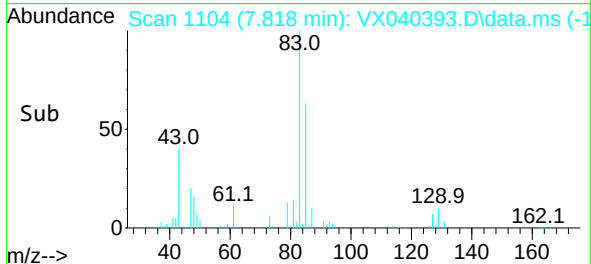
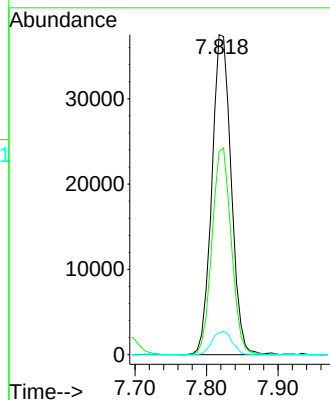
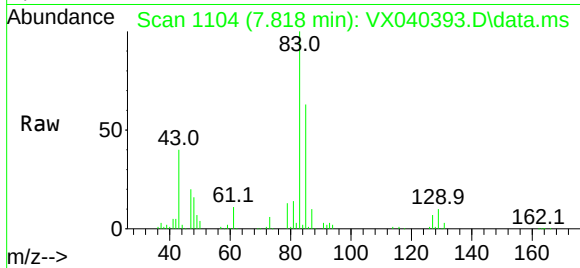
#47
Bromodichloromethane
Concen: 54.264 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 7029
Ion Ratio Lower Upper
83 100
85 63.5 49.8 74.6
127 7.0 7.1 10.7

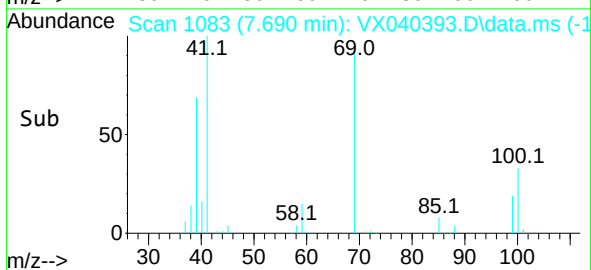
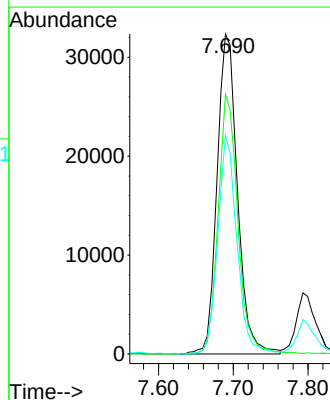
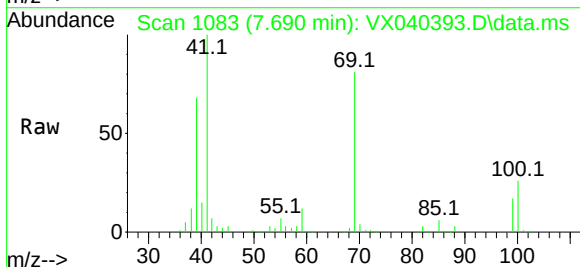
Manual Integrations
APPROVED

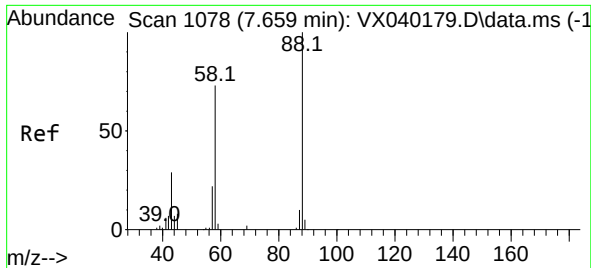
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#48
Methyl methacrylate
Concen: 55.016 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

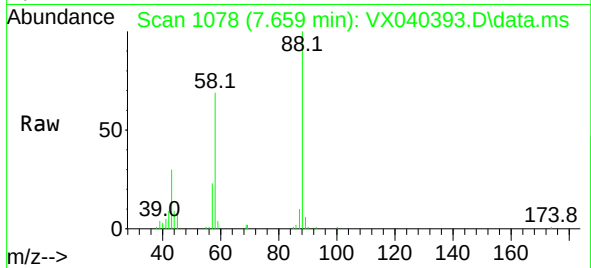
Tgt Ion: 41 Resp: 61322
Ion Ratio Lower Upper
41 100
69 78.5 59.2 88.8
39 64.5 47.7 71.5





#49
1,4-Dioxane
Concen: 963.005 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

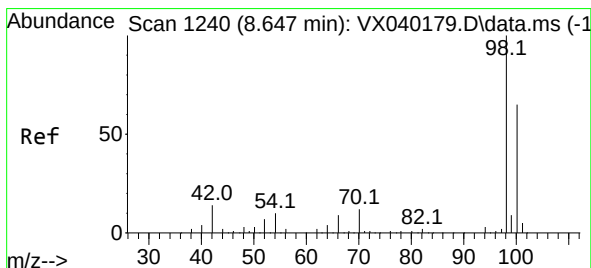
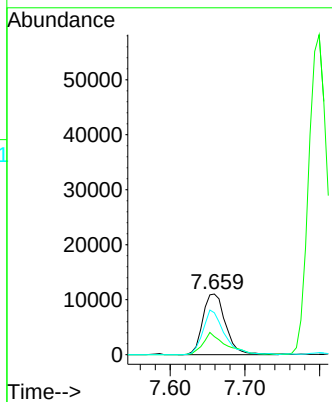
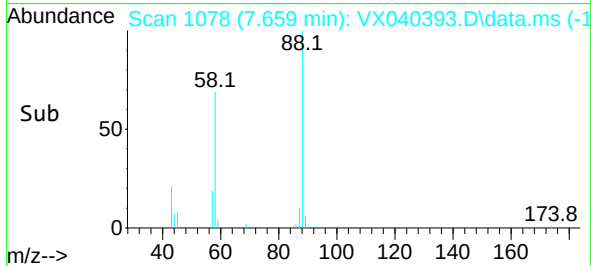
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2335
Ion Ratio Lower Upper
88 100
43 36.7 0.0 0.0
58 68.9 60.1 90.1

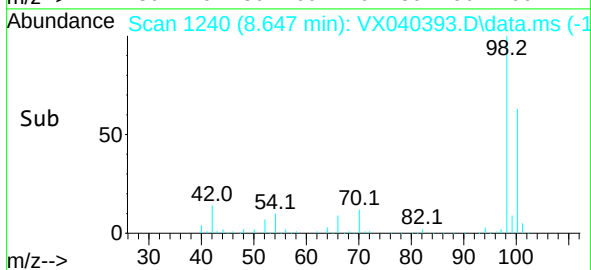
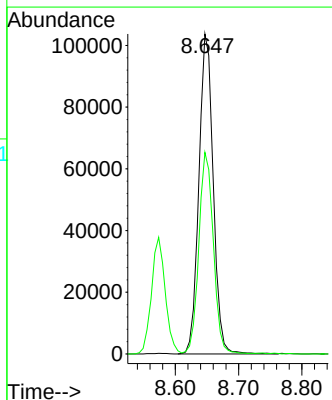
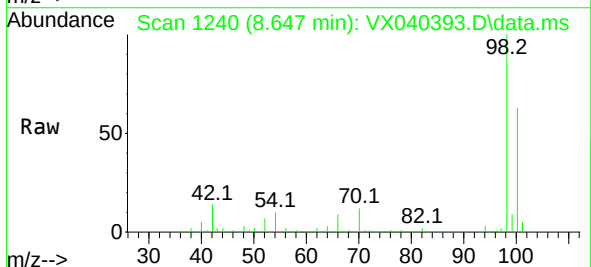
Manual Integrations
APPROVED

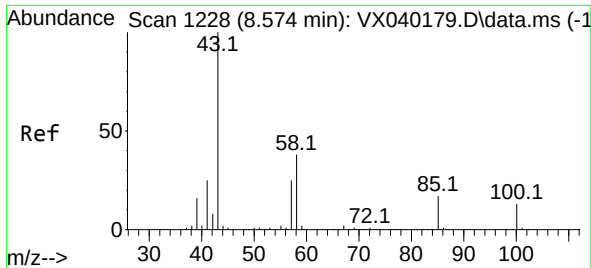
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#50
Toluene-d8
Concen: 48.978 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

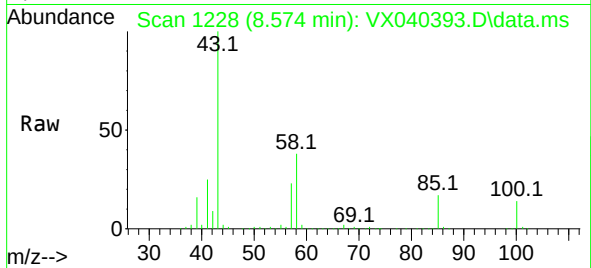
Tgt Ion: 98 Resp: 164020
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 290.567 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

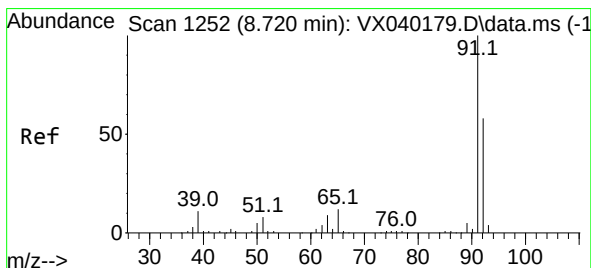
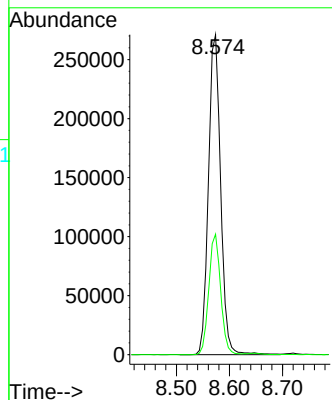
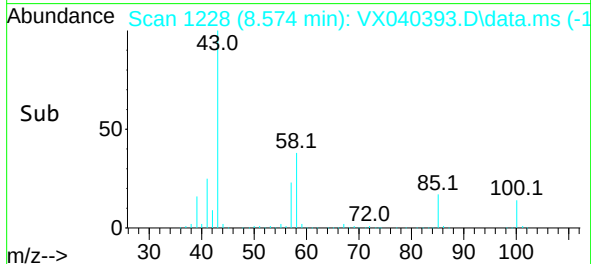
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



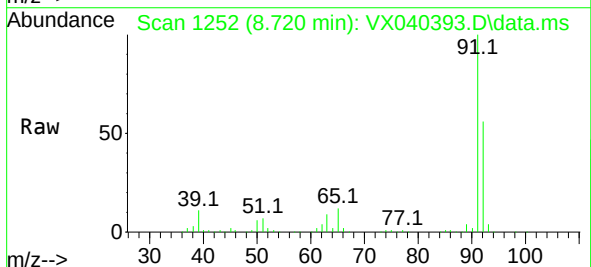
Tgt Ion: 43 Resp: 43214
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

Manual Integrations
APPROVED

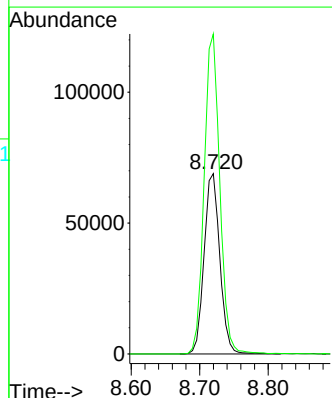
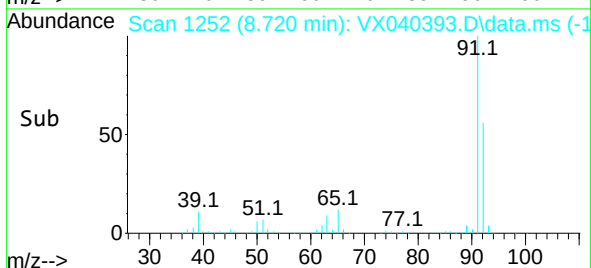
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

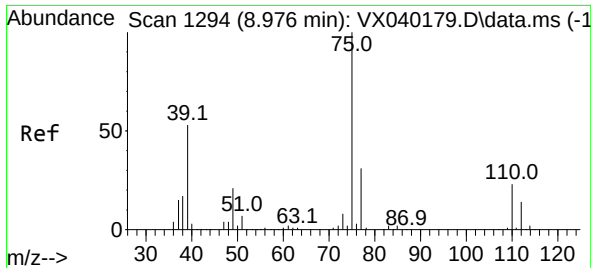


#52
Toluene
Concen: 48.059 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39



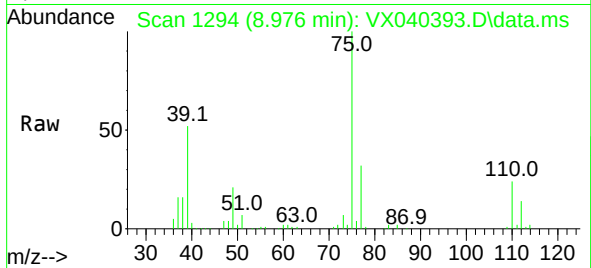
Tgt Ion: 92 Resp: 110398
Ion Ratio Lower Upper
92 100
91 176.2 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 45.428 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040393.D
 Acq: 21 Feb 2024 19:39

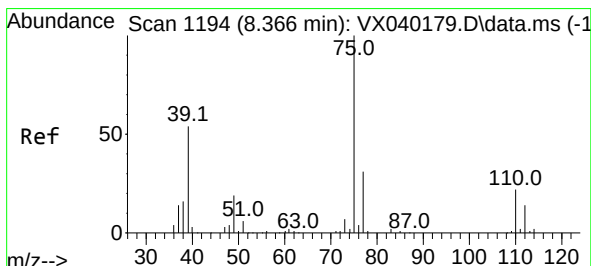
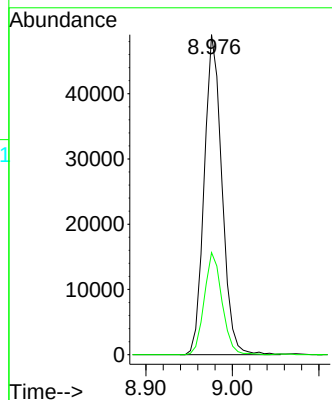
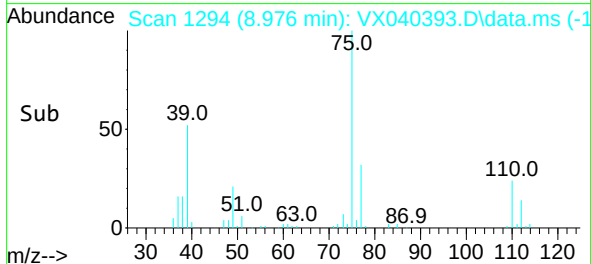
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



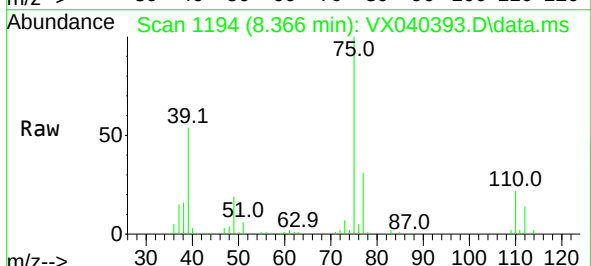
Tgt Ion: 75 Resp: 69838
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5

Manual Integrations
 APPROVED

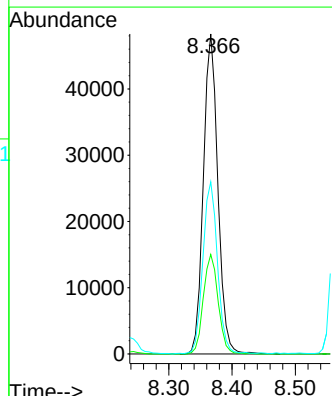
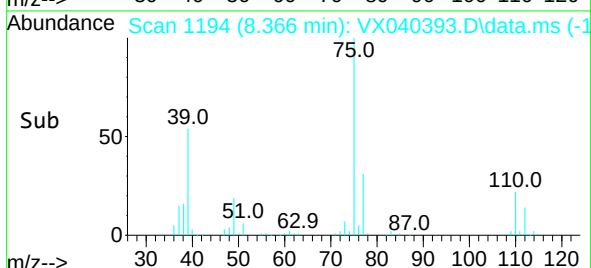
Reviewed By :John Carlone 02/22/2024
 Supervised By :Mahesh Dadoda 02/22/2024

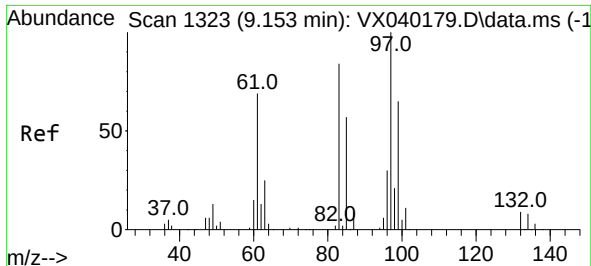


#54
 cis-1,3-Dichloropropene
 Concen: 53.027 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040393.D
 Acq: 21 Feb 2024 19:39



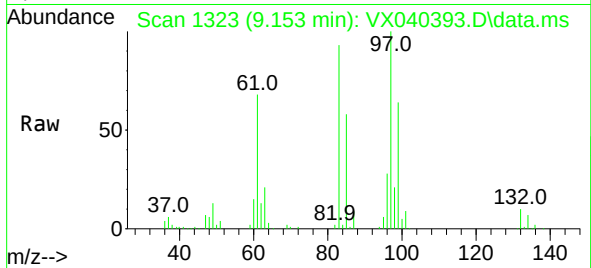
Tgt Ion: 75 Resp: 76982
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 53.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.709 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

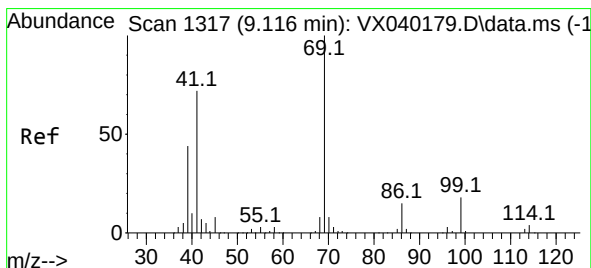
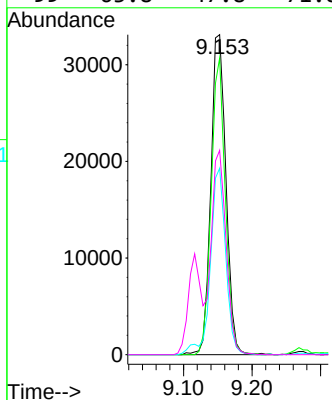
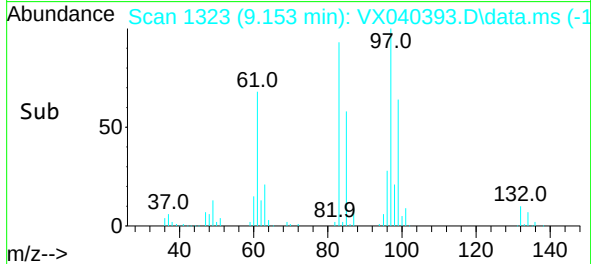


Tgt Ion: 97 Resp: 5066

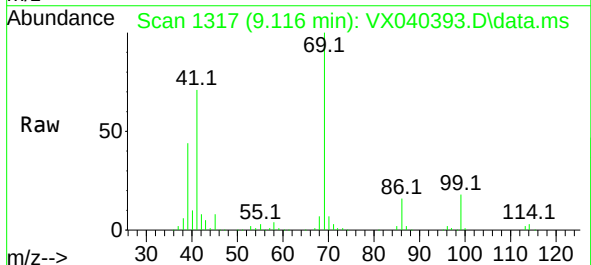
Ion	Ratio	Lower	Upper
97	100		
83	92.7	65.8	98.8
85	58.3	41.6	62.4
99	63.8	47.8	71.8

Manual Integrations
APPROVED

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

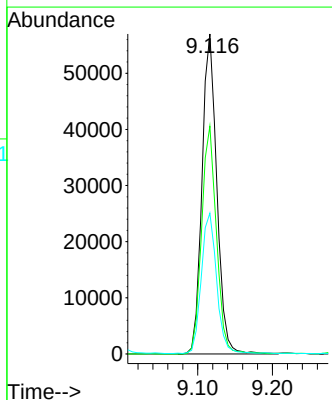
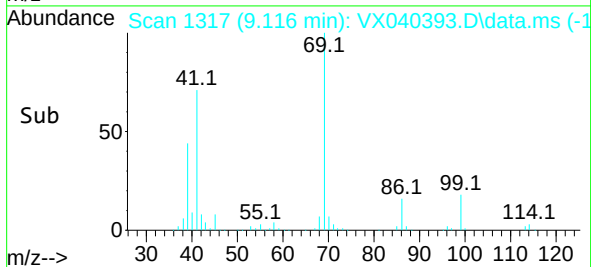


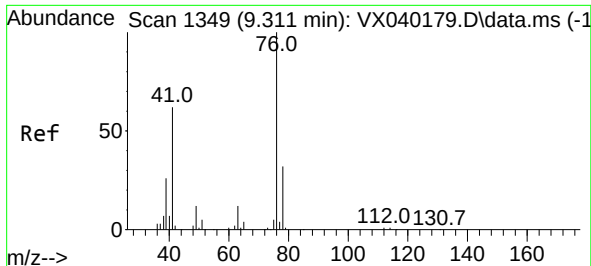
#56
Ethyl methacrylate
Concen: 53.460 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39



Tgt Ion: 69 Resp: 78413

Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.8	85.2
39	45.2	32.0	48.0





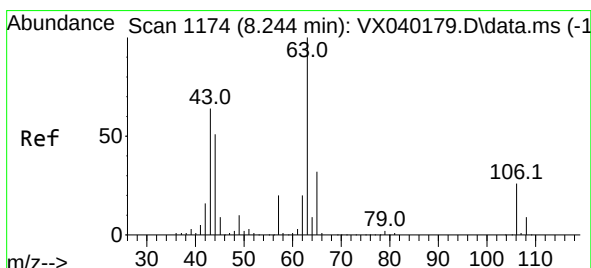
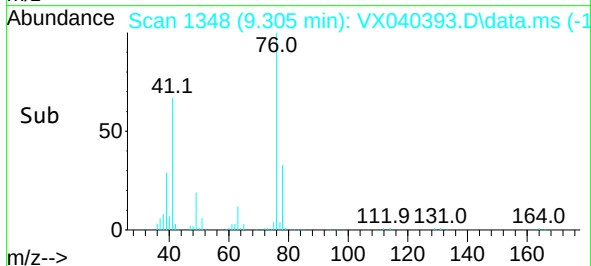
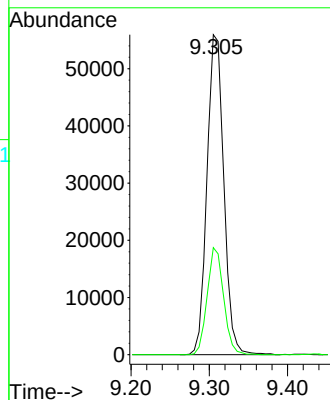
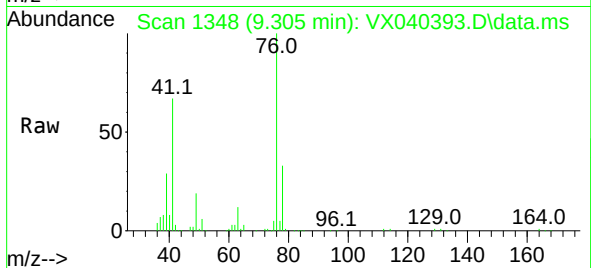
#57
1,3-Dichloropropane
Concen: 52.106 ug/l
RT: 9.305 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 83328
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1

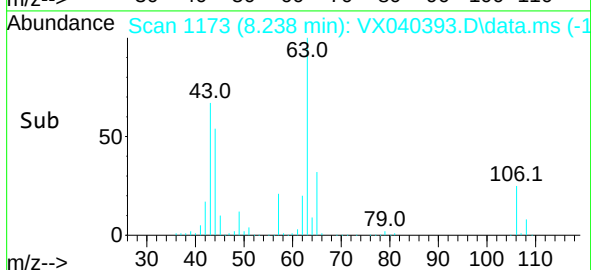
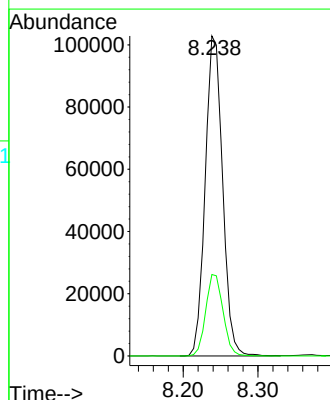
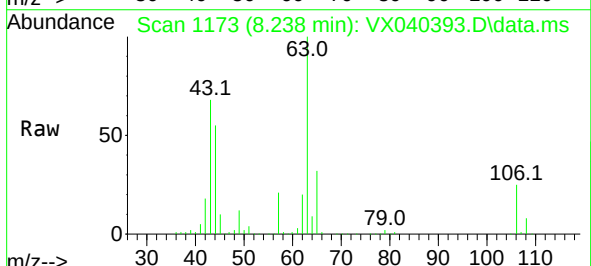
Manual Integrations
APPROVED

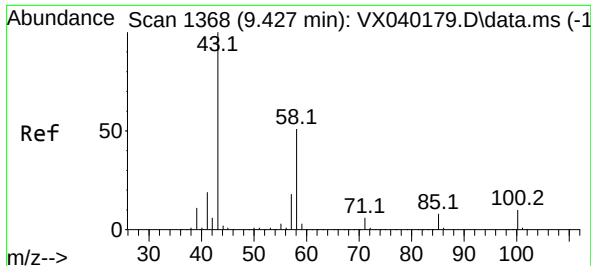
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#58
2-Chloroethyl Vinyl ether
Concen: 239.351 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

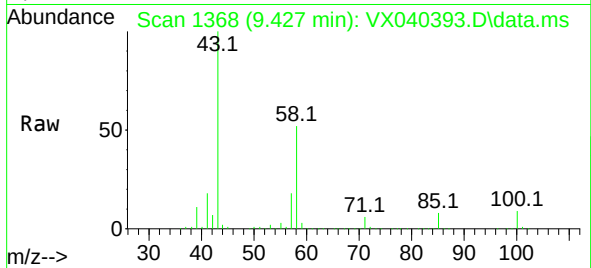
Tgt Ion: 63 Resp: 166076
Ion Ratio Lower Upper
63 100
106 25.4 22.5 33.7





#59
2-Hexanone
Concen: 281.207 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

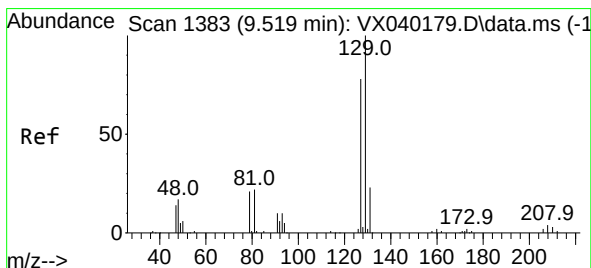
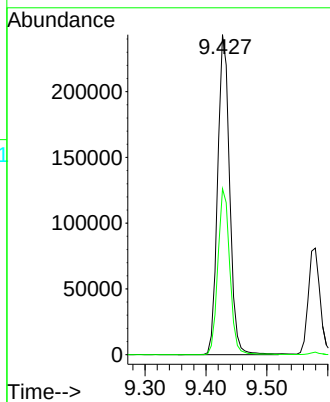
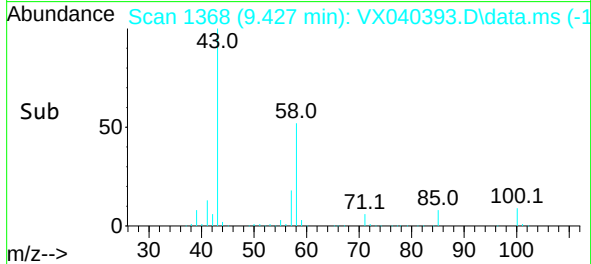
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 331588
Ion Ratio Lower Upper
43 100
58 51.7 26.2 78.5

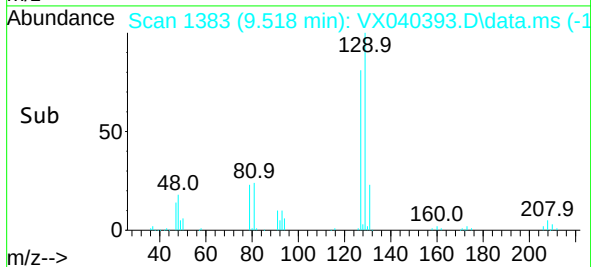
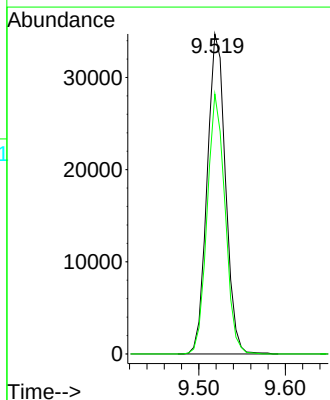
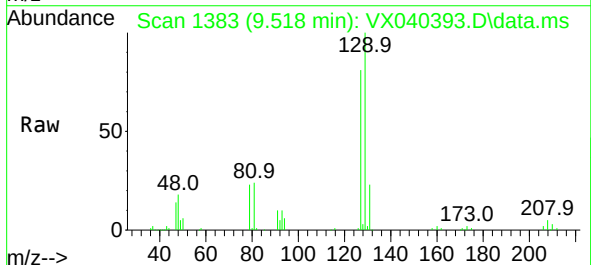
Manual Integrations
APPROVED

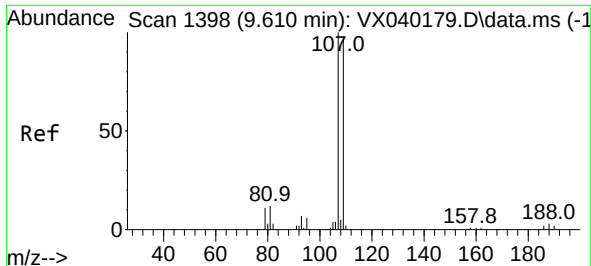
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#60
Dibromochloromethane
Concen: 51.187 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Tgt Ion:129 Resp: 51095
Ion Ratio Lower Upper
129 100
127 79.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.361 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

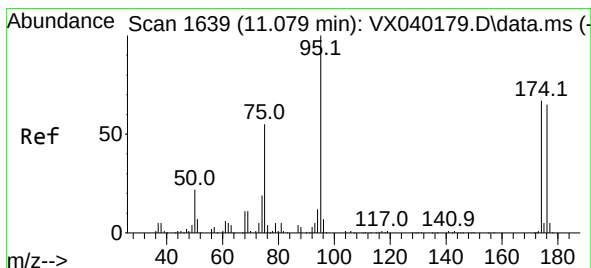
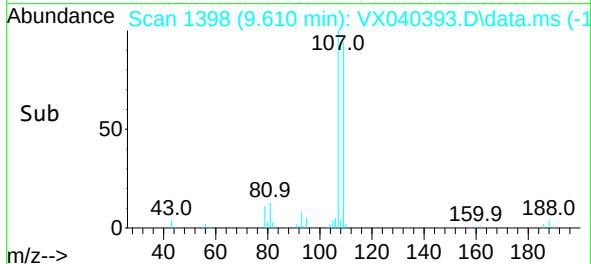
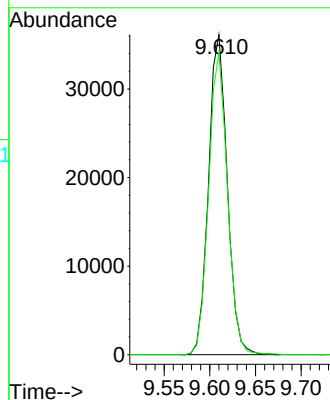
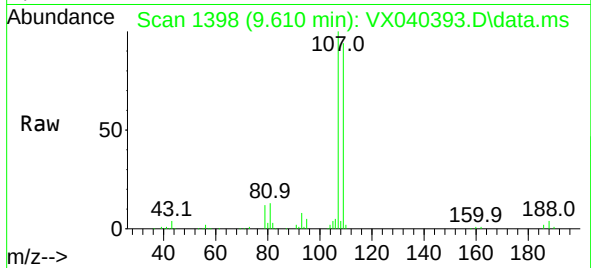
Tgt Ion:107 Resp: 51400
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

Manual Integrations

APPROVED

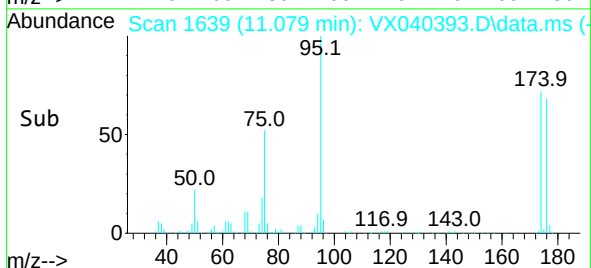
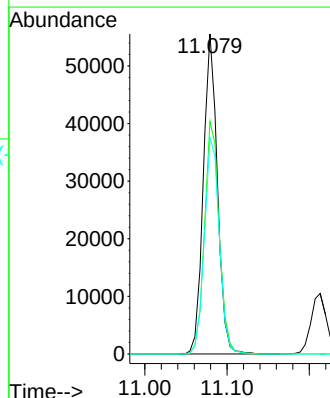
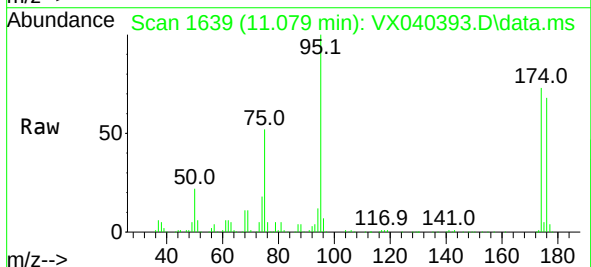
Reviewed By :John Carlone 02/22/2024

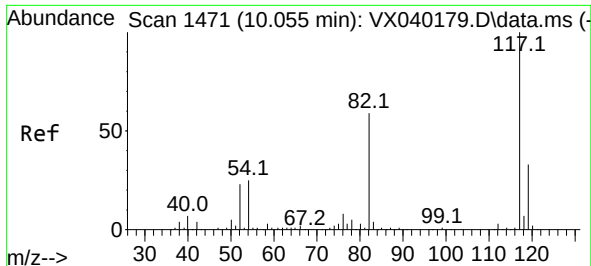
Supervised By :Mahesh Dadoda 02/22/2024



#62
4-Bromofluorobenzene
Concen: 48.521 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

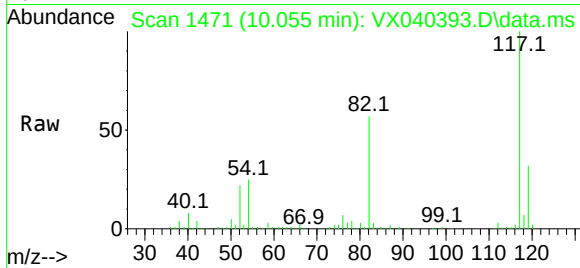
Tgt Ion: 95 Resp: 66270
Ion Ratio Lower Upper
95 100
174 75.9 0.0 135.6
176 71.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

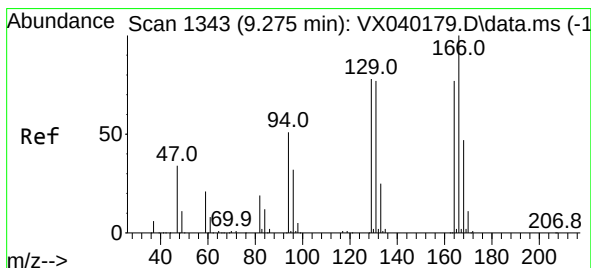
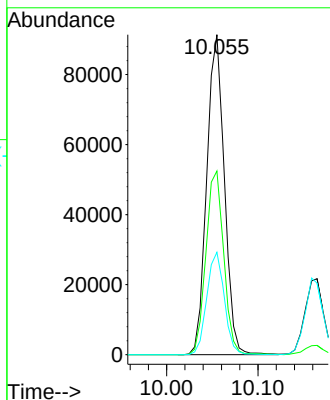
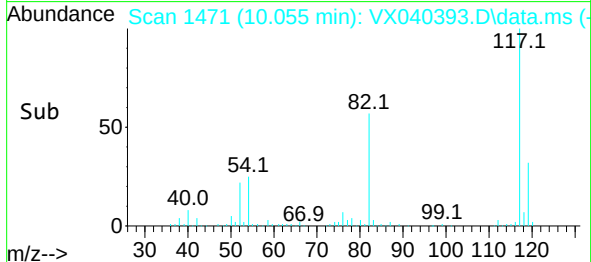
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



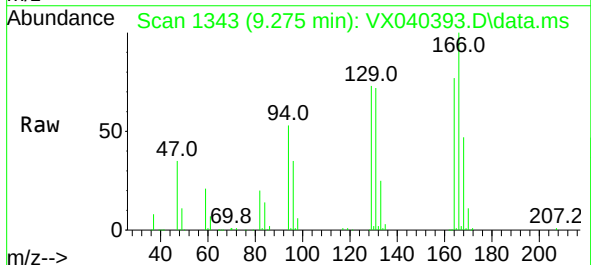
Tgt Ion:117 Resp: 12223
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.0 25.5 38.3

Manual Integrations
APPROVED

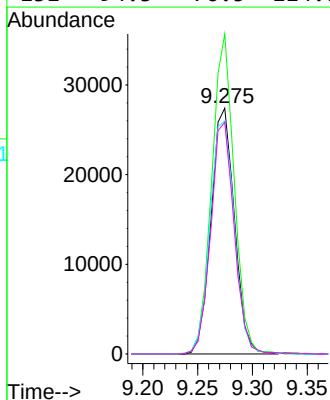
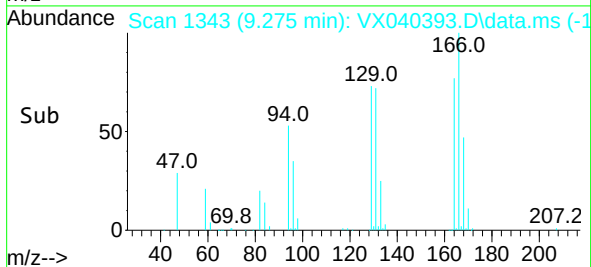
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

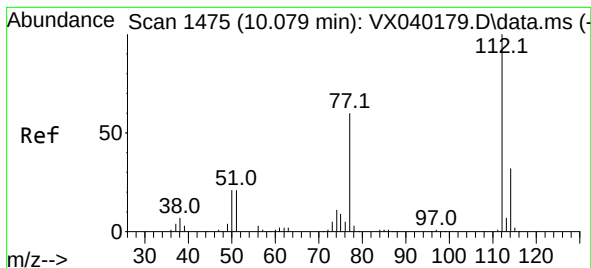


#64
Tetrachloroethene
Concen: 47.567 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39



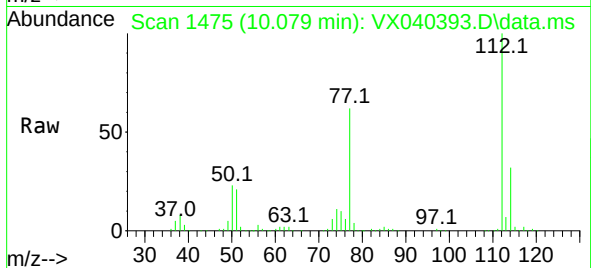
Tgt Ion:164 Resp: 40744
Ion Ratio Lower Upper
164 100
166 130.2 102.7 154.1
129 94.8 80.4 120.6
131 94.3 76.5 114.7





#65
Chlorobenzene
Concen: 48.229 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

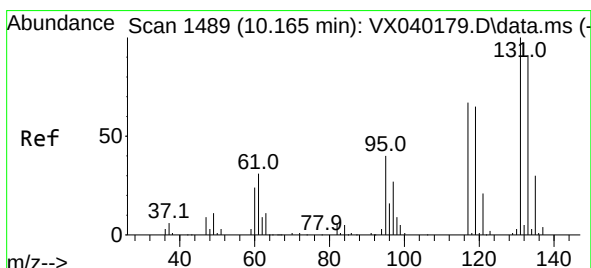
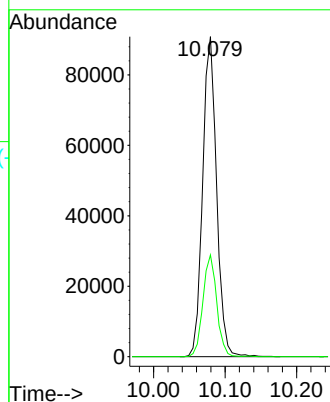
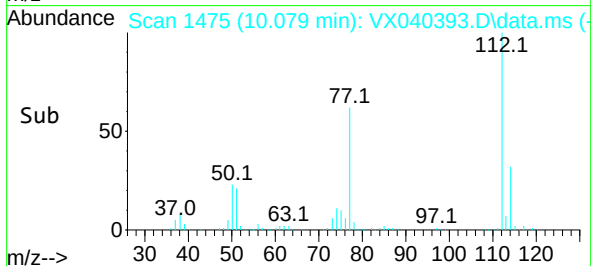
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



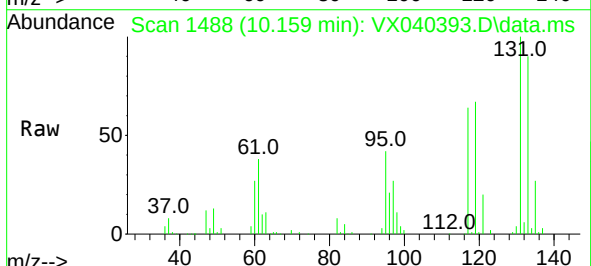
Tgt Ion:112 Resp: 123034
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

Manual Integrations
APPROVED

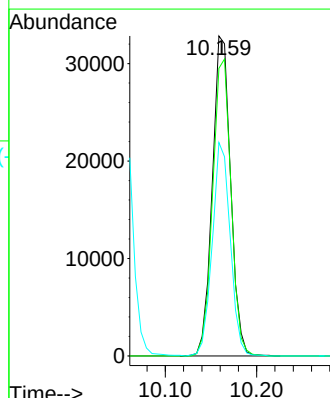
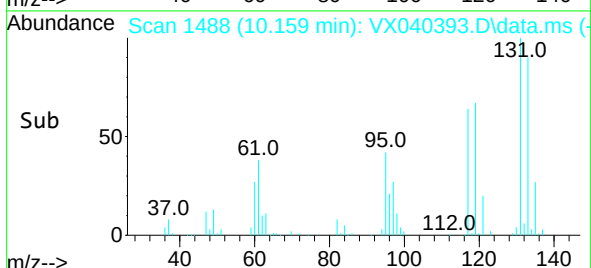
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

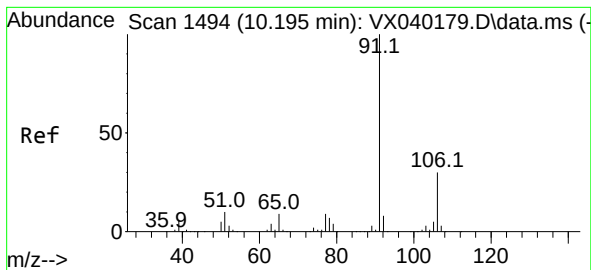


#66
1,1,1,2-Tetrachloroethane
Concen: 51.528 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39



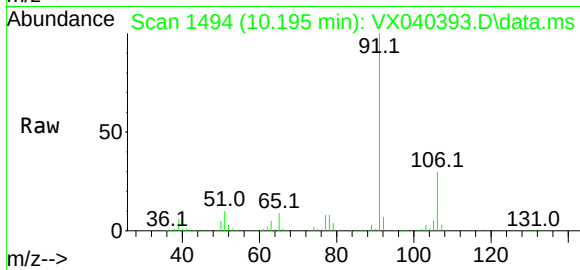
Tgt Ion:131 Resp: 45526
Ion Ratio Lower Upper
131 100
133 93.3 47.1 141.4
119 65.7 32.2 96.6





#67
Ethyl Benzene
Concen: 50.319 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

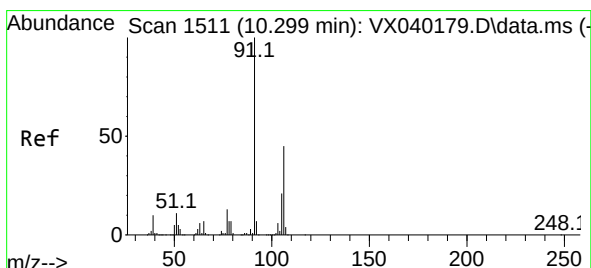
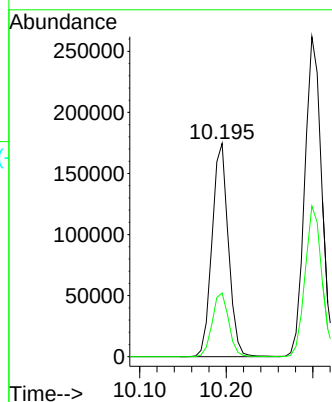
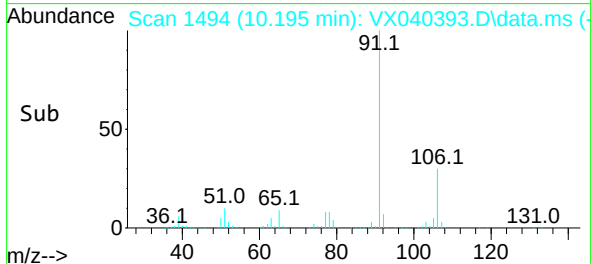
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



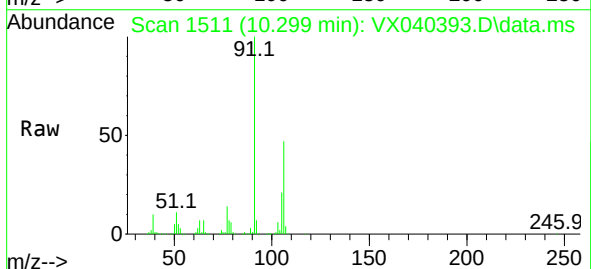
Tgt Ion: 91 Resp: 228618
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

Manual Integrations
APPROVED

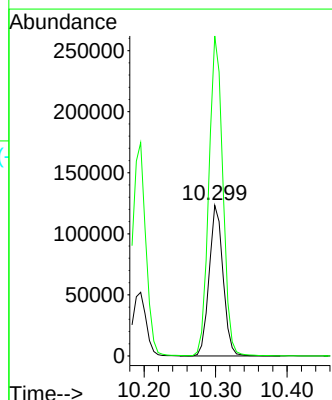
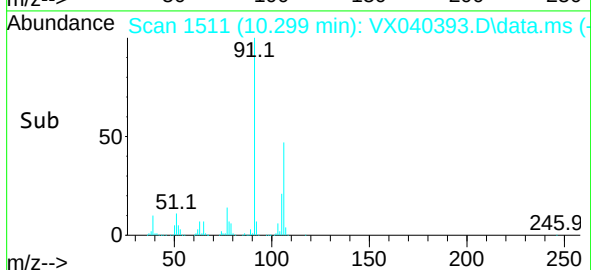
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

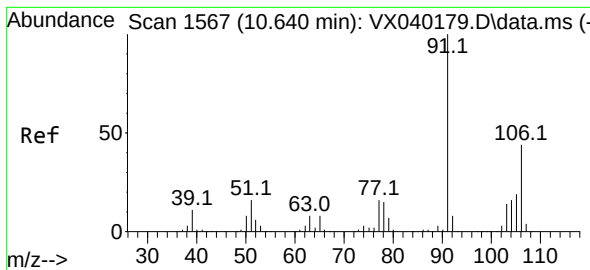


#68
m/p-Xylenes
Concen: 96.971 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39



Tgt Ion:106 Resp: 166395
Ion Ratio Lower Upper
106 100
91 213.5 165.5 248.3





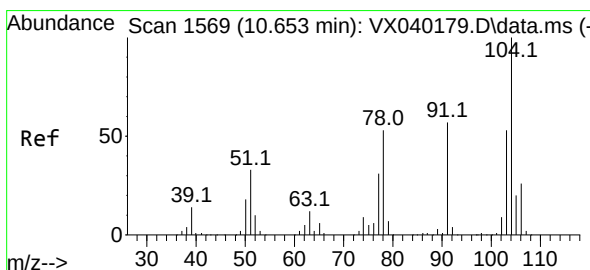
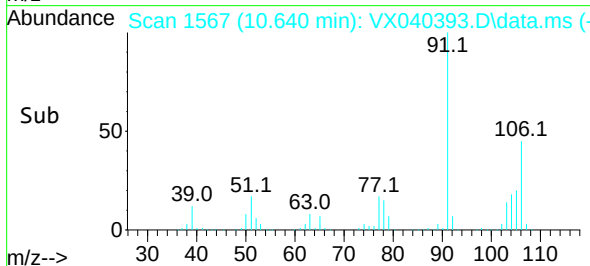
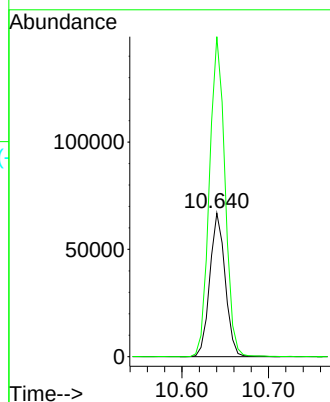
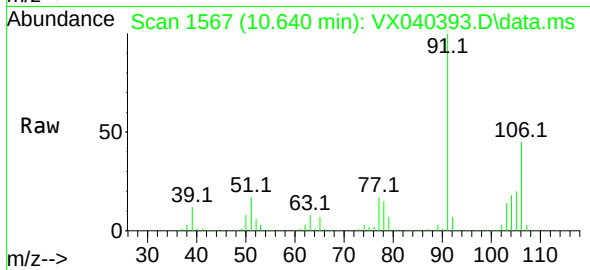
#69
o-Xylene
Concen: 49.408 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 8238
Ion Ratio Lower Upper
106 100
91 225.6 108.9 326.8

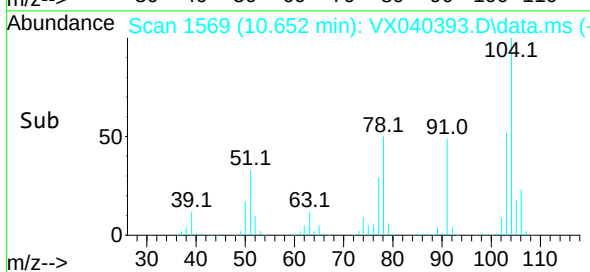
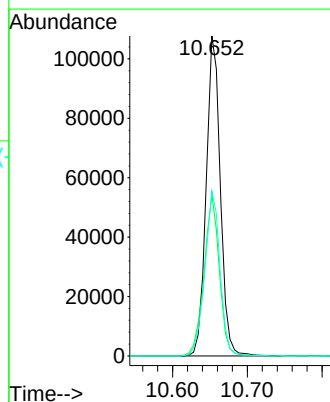
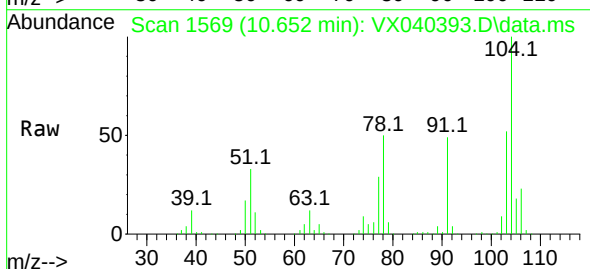
Manual Integrations
APPROVED

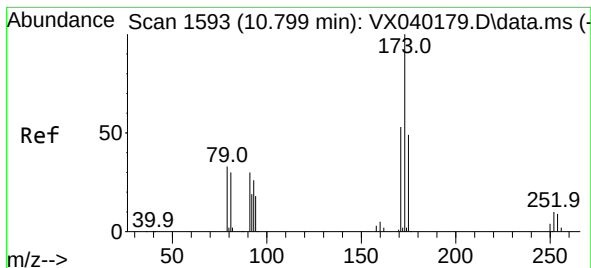
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#70
Styrene
Concen: 51.171 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

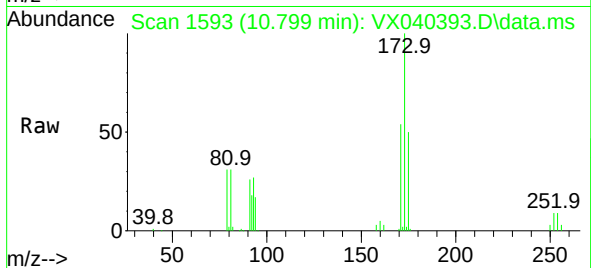
Tgt Ion:104 Resp: 141862
Ion Ratio Lower Upper
104 100
78 54.3 43.6 65.4
103 55.1 43.6 65.4





#71
Bromoform
Concen: 45.116 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

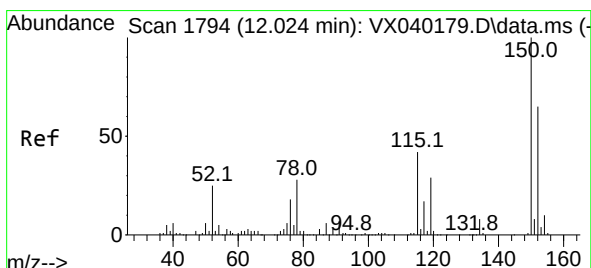
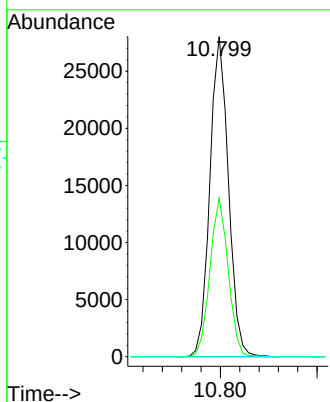
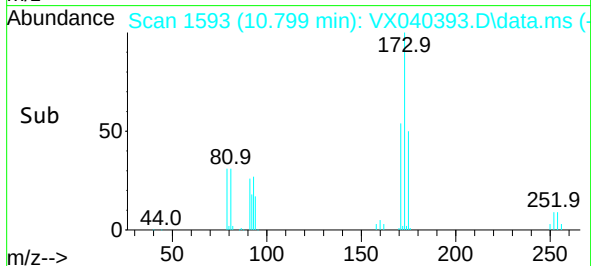
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



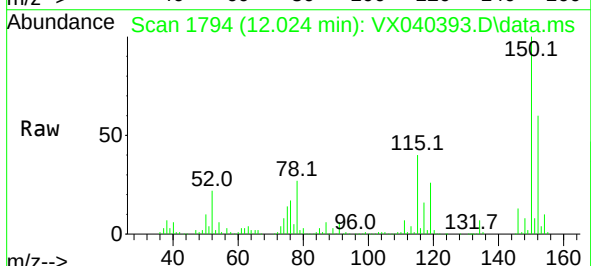
Tgt Ion:173 Resp: 37290
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

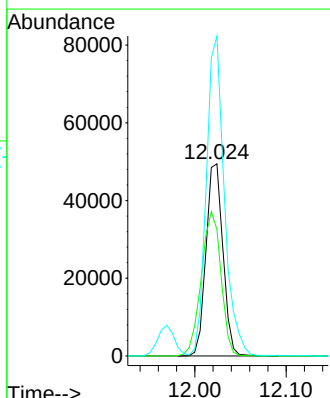
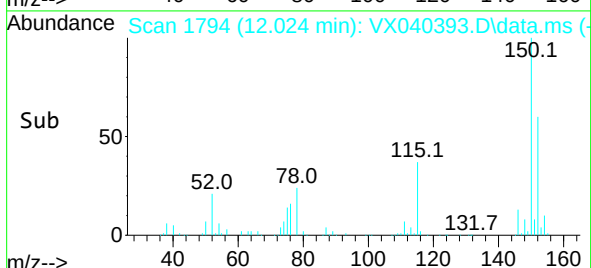
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

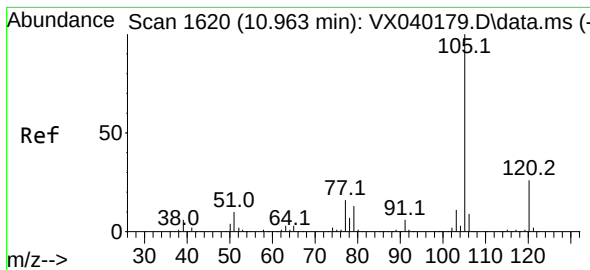


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39



Tgt Ion:152 Resp: 63387
Ion Ratio Lower Upper
152 100
115 87.3 43.3 129.9
150 176.5 0.0 345.0





#73

Isopropylbenzene

Concen: 49.765 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 22217

Ion Ratio Lower Upper

105 100

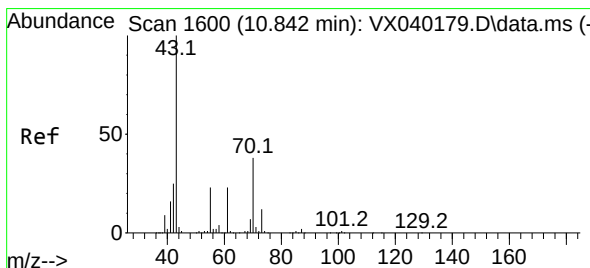
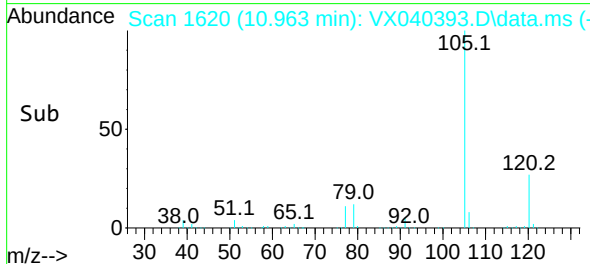
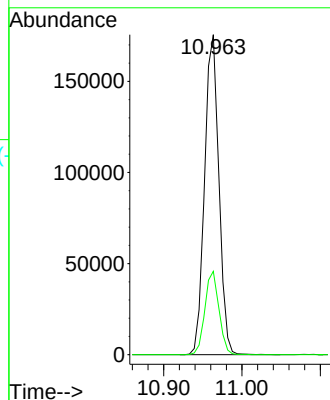
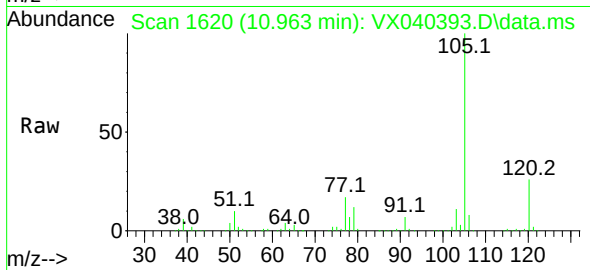
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#74

N-ethyl acetate

Concen: 58.317 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Tgt Ion: 43 Resp: 111601

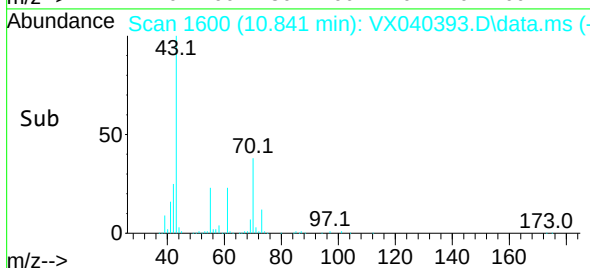
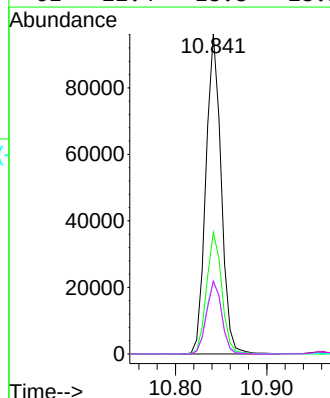
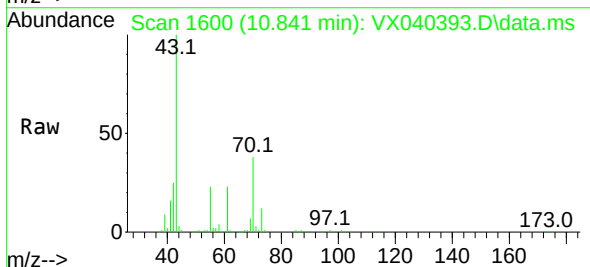
Ion Ratio Lower Upper

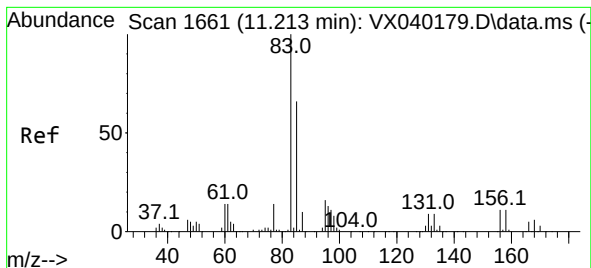
43 100

70 37.9 32.9 49.3

55 23.3 19.3 28.9

61 22.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.117 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

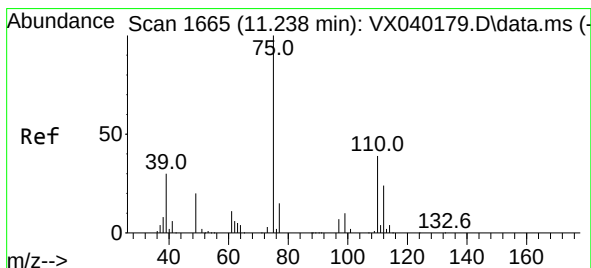
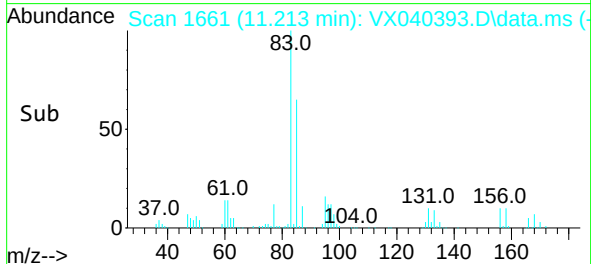
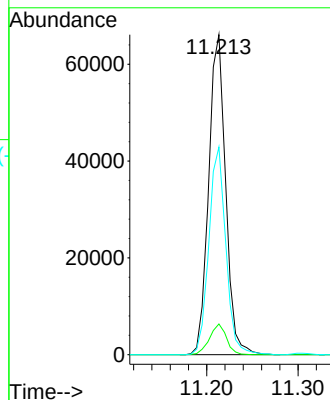
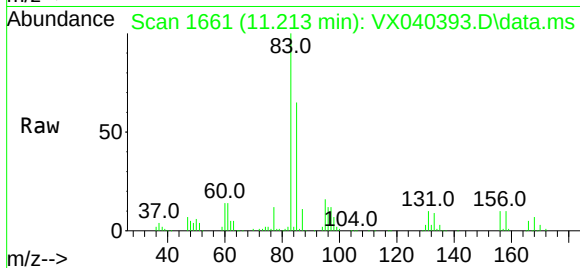
Tgt Ion: 83 Resp: 85199
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.3 15.8
 85 65.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#76

1,2,3-Trichloropropane

Concen: 54.865 ug/l m

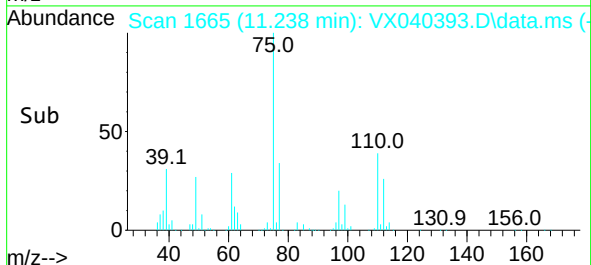
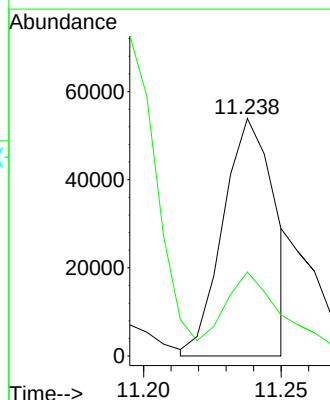
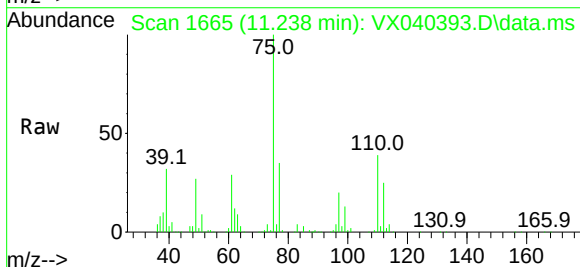
RT: 11.238 min Scan# 1665

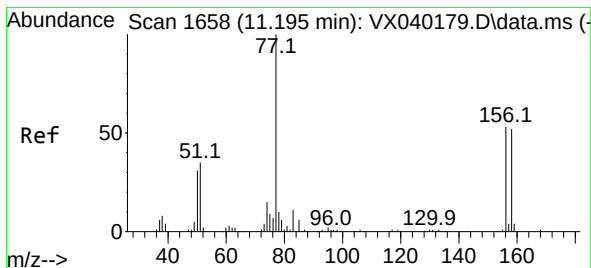
Delta R.T. 0.000 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Tgt Ion: 75 Resp: 70425
 Ion Ratio Lower Upper
 75 100
 77 41.5 19.1 57.5





#77

Bromobenzene

Concen: 50.063 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 52790

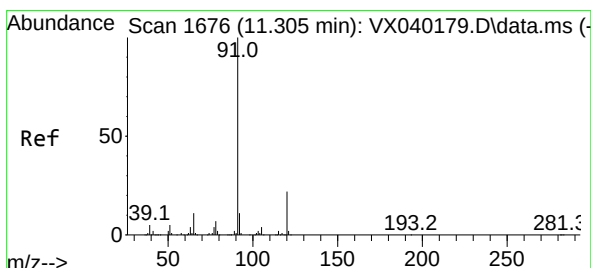
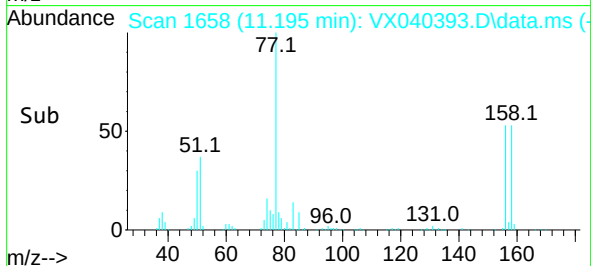
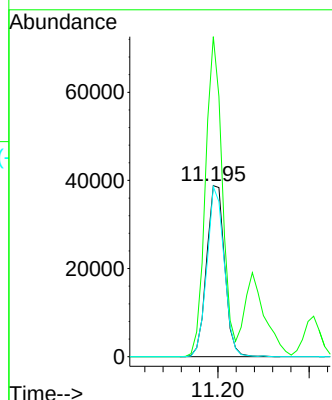
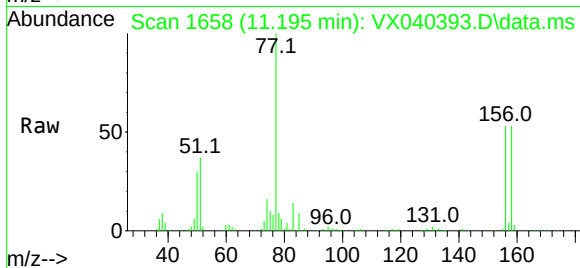
Ion	Ratio	Lower	Upper
156	100		
77	174.7	88.4	265.3
158	95.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#78

n-propylbenzene

Concen: 50.763 ug/l

RT: 11.305 min Scan# 1676

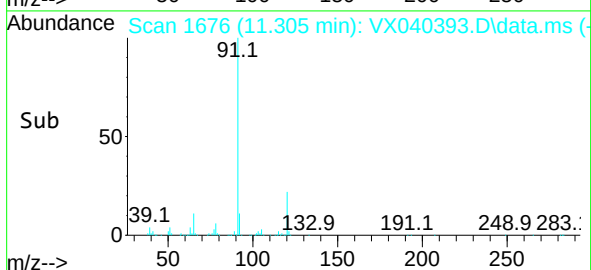
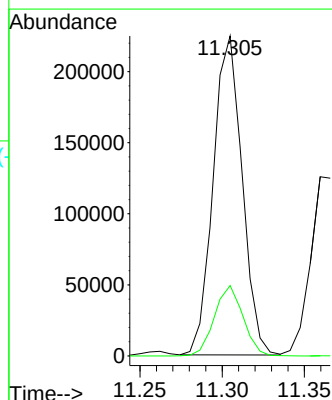
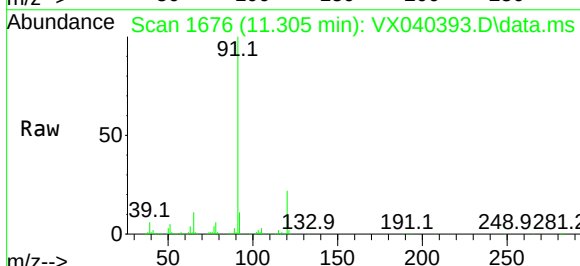
Delta R.T. 0.000 min

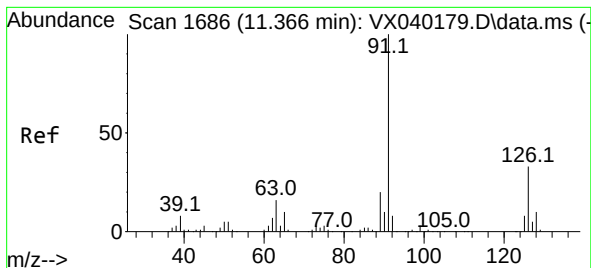
Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Tgt Ion: 91 Resp: 274383

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.5	34.4





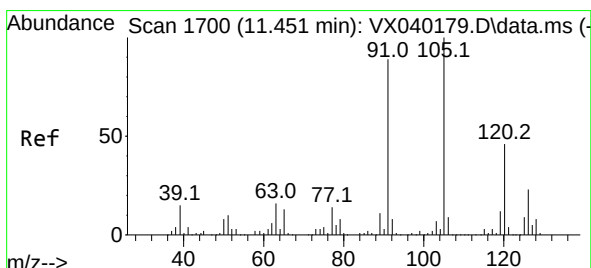
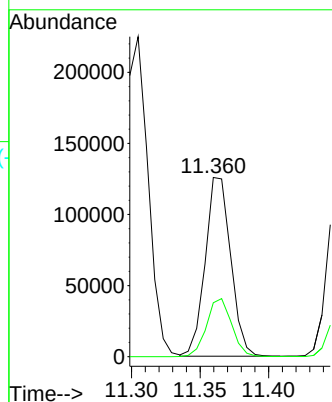
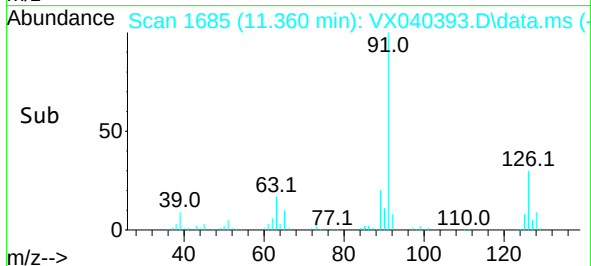
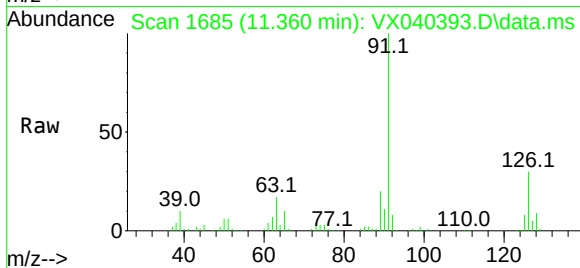
#79
2-Chlorotoluene
Concen: 49.992 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 163170
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

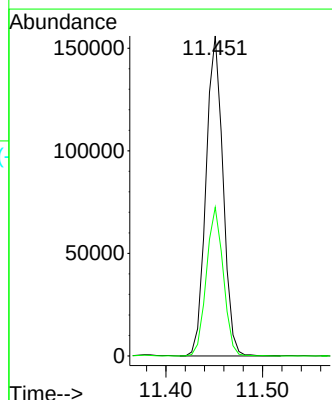
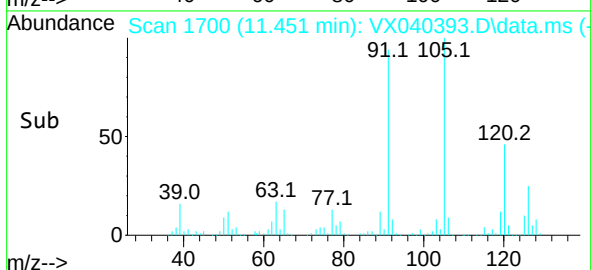
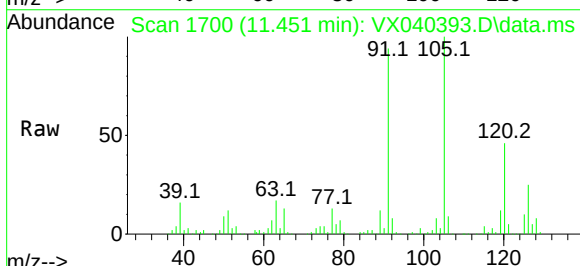
Manual Integrations
APPROVED

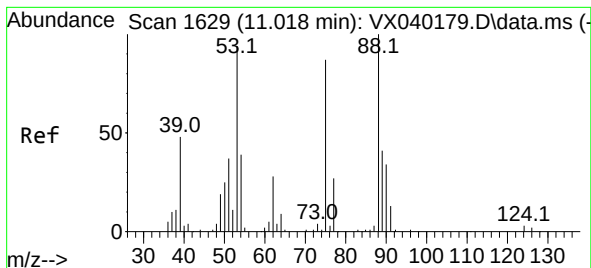
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.911 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

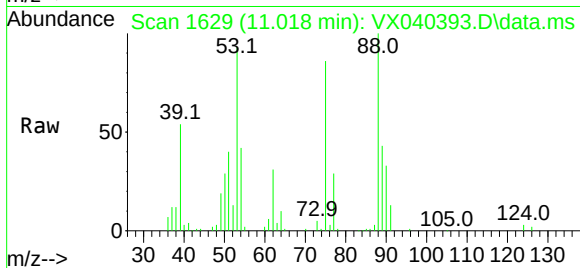
Tgt Ion:105 Resp: 191355
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.569 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

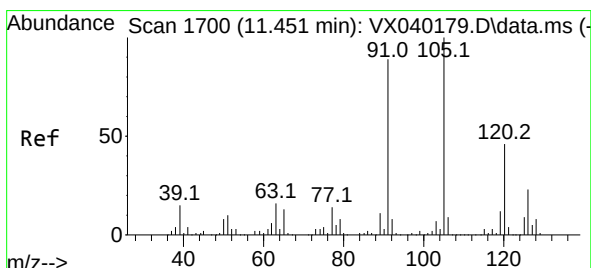
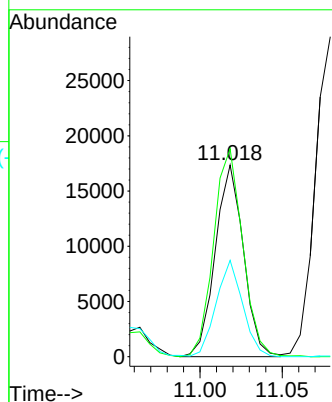
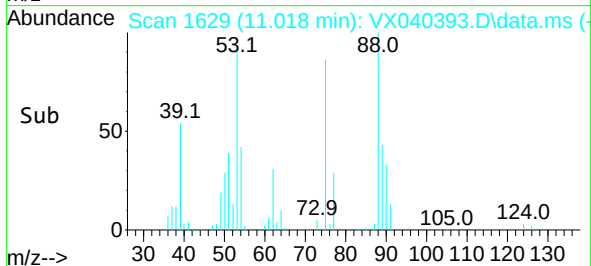
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



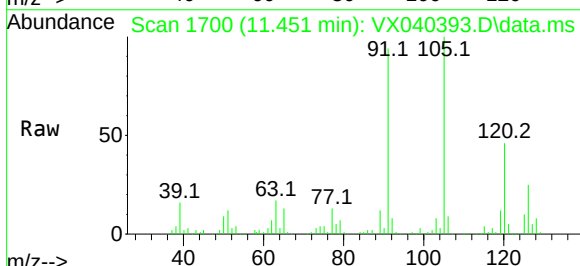
Tgt Ion: 75 Resp: 20679
Ion Ratio Lower Upper
75 100
53 111.9 90.5 135.7
89 47.2 36.9 55.3

Manual Integrations
APPROVED

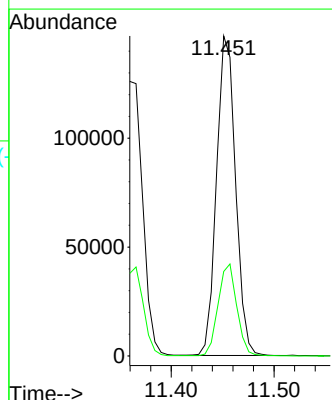
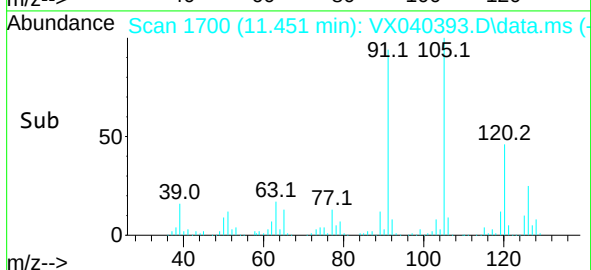
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

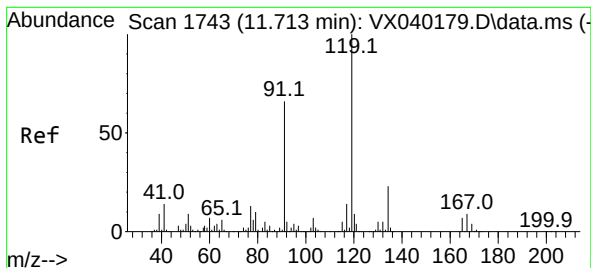


#82
4-Chlorotoluene
Concen: 48.791 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39



Tgt Ion: 91 Resp: 188684
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.891 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040393.D

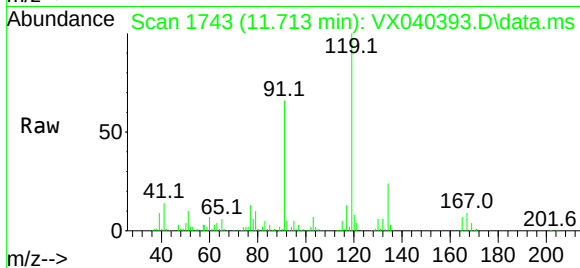
Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:119 Resp: 18384

Ion Ratio Lower Upper

119 100

91 63.4 31.2 93.6

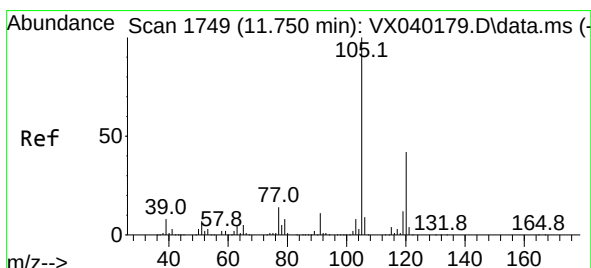
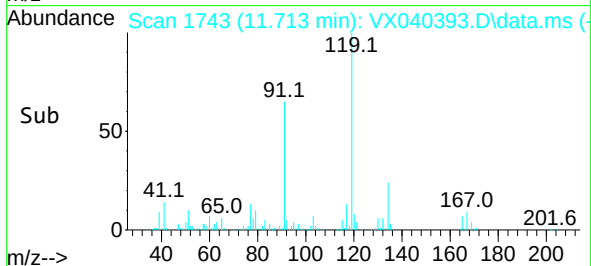
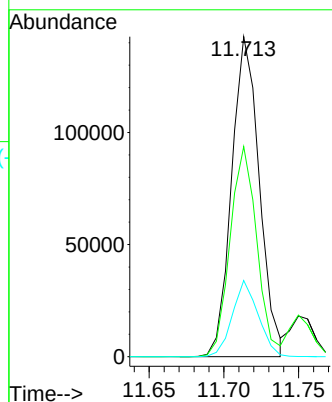
134 22.3 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.210 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040393.D

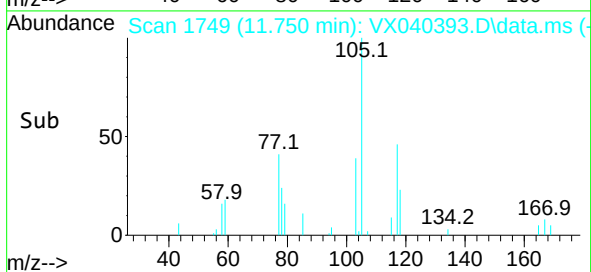
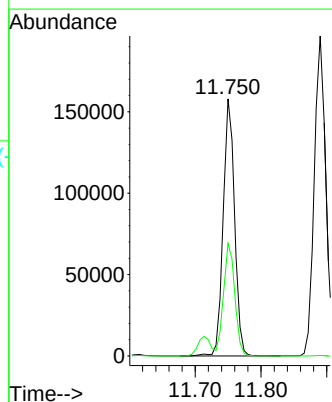
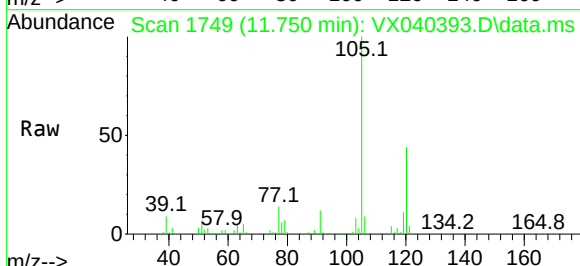
Acq: 21 Feb 2024 19:39

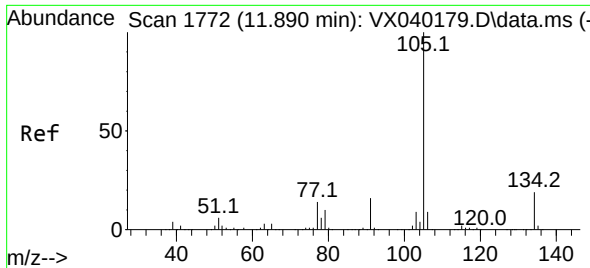
Tgt Ion:105 Resp: 190929

Ion Ratio Lower Upper

105 100

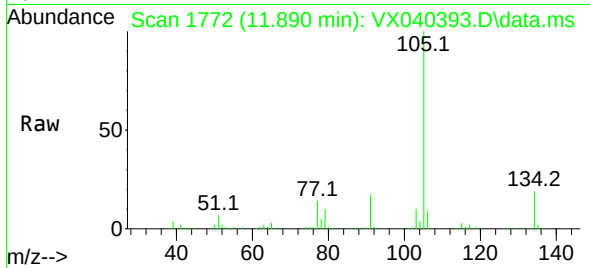
120 43.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.146 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040393.D
 Acq: 21 Feb 2024 19:39

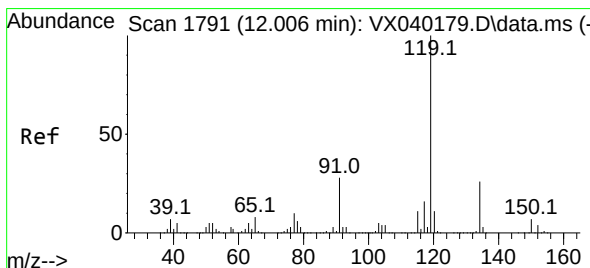
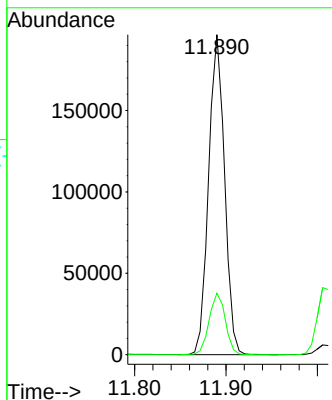
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 237478
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

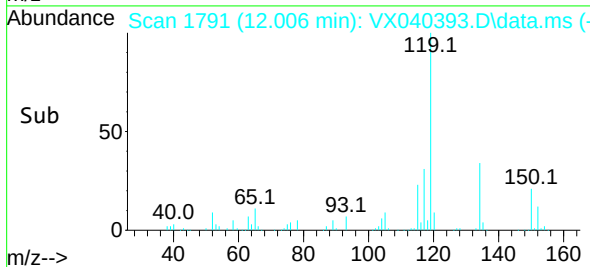
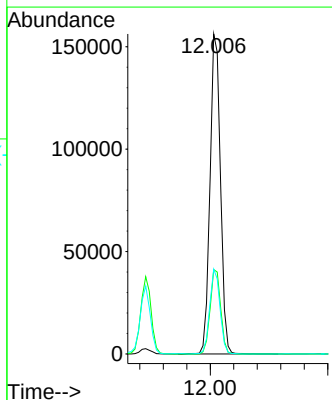
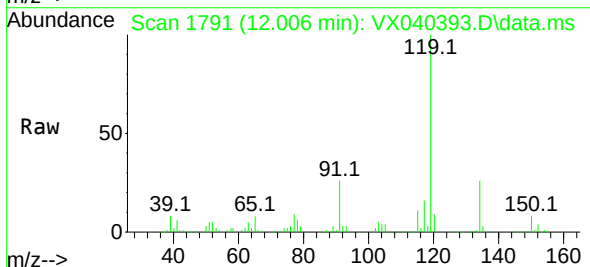
Manual Integrations
 APPROVED

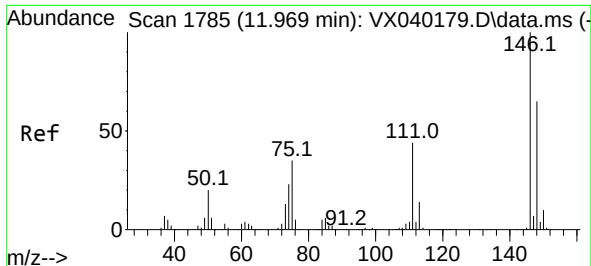
Reviewed By :John Carlone 02/22/2024
 Supervised By :Mahesh Dadoda 02/22/2024



#86
 p-Isopropyltoluene
 Concen: 49.602 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040393.D
 Acq: 21 Feb 2024 19:39

Tgt Ion:119 Resp: 192555
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.3
 91 26.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.854 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 10207

Ion Ratio Lower Upper

146 100

111 42.8 22.1 66.1

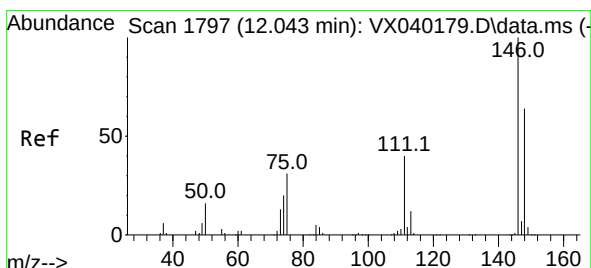
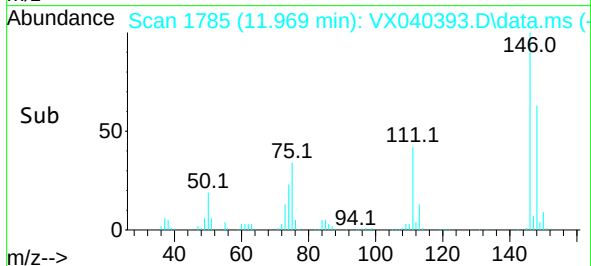
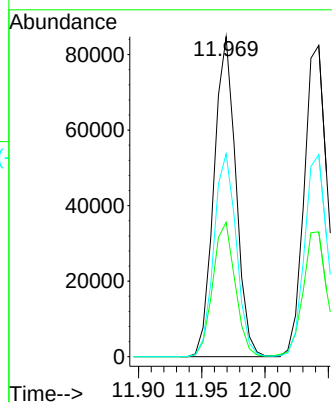
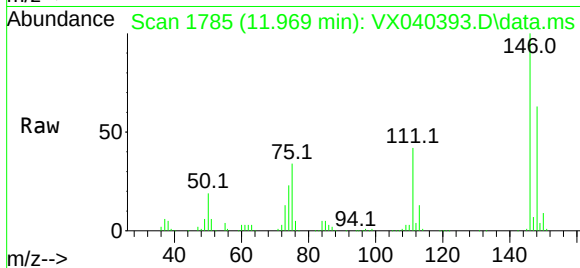
148 64.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#88

1,4-Dichlorobenzene

Concen: 47.079 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

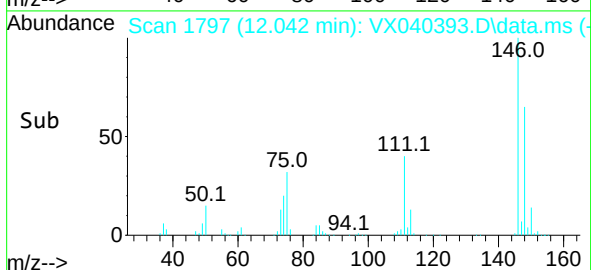
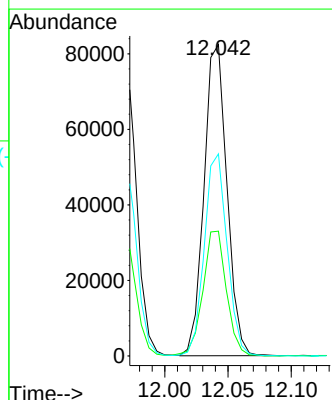
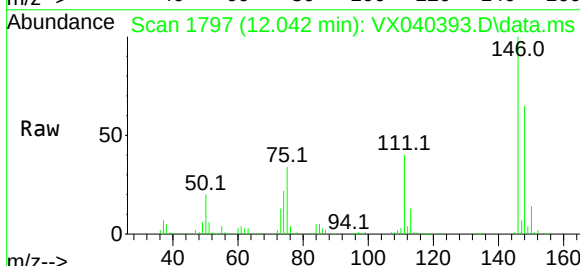
Tgt Ion:146 Resp: 104157

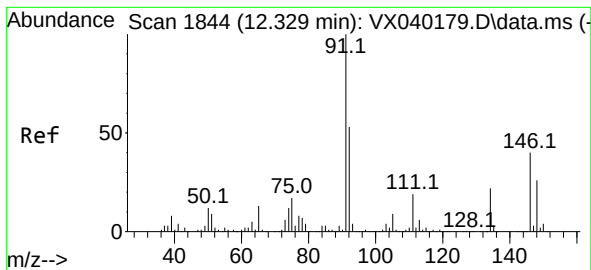
Ion Ratio Lower Upper

146 100

111 41.3 21.3 63.7

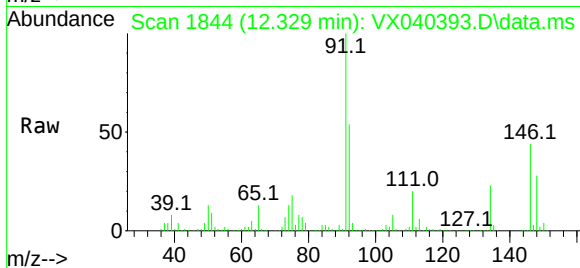
148 64.7 31.8 95.4





#89
n-Butylbenzene
Concen: 50.215 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

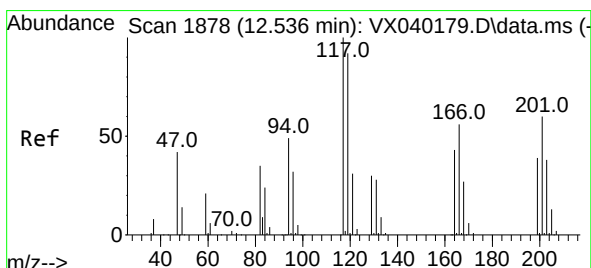
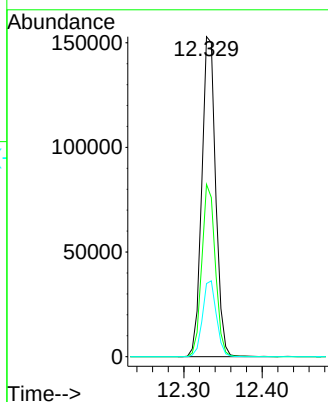
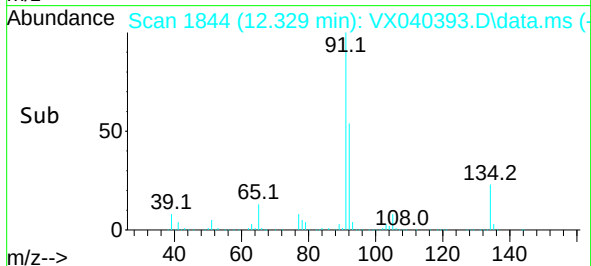
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 18817
Ion Ratio Lower Upper
91 100
92 52.5 27.4 82.0
134 23.7 12.6 37.8

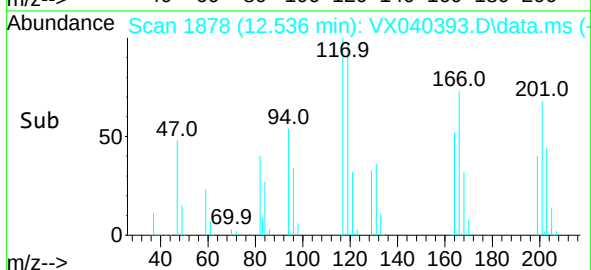
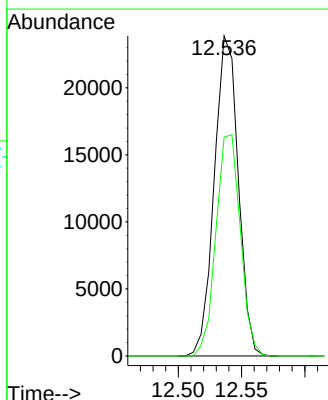
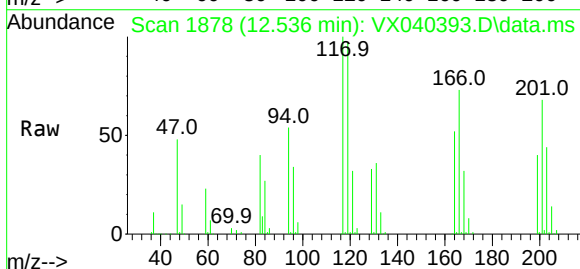
Manual Integrations
APPROVED

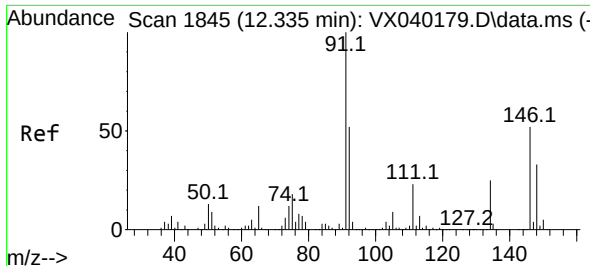
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#90
Hexachloroethane
Concen: 51.344 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

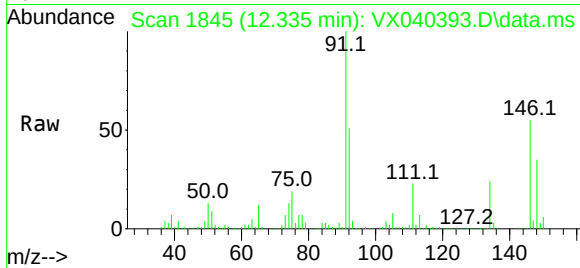
Tgt Ion:117 Resp: 31439
Ion Ratio Lower Upper
117 100
201 70.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.325 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

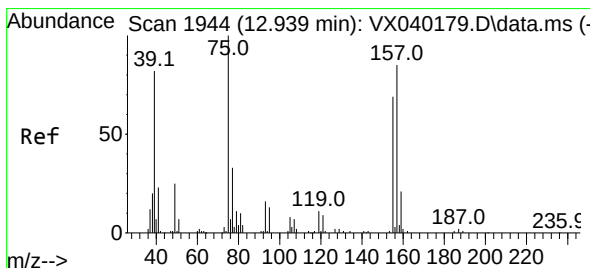
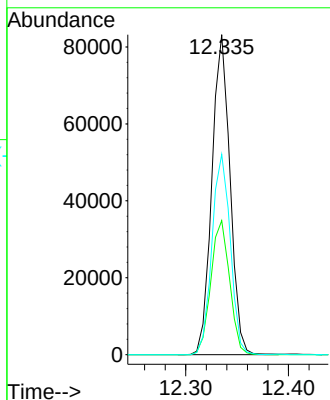
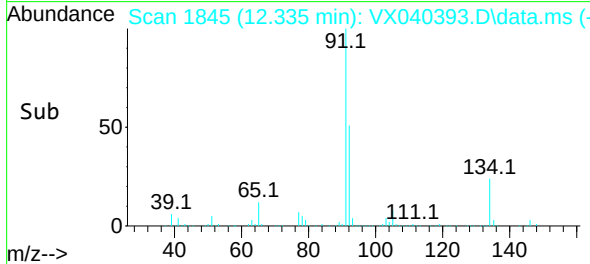
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



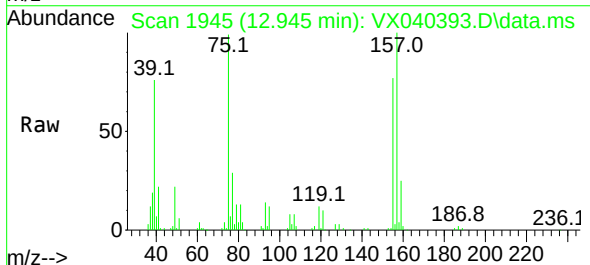
Tgt Ion:146 Resp: 10178
Ion Ratio Lower Upper
146 100
111 43.4 22.4 67.0
148 63.3 31.6 95.0

Manual Integrations
APPROVED

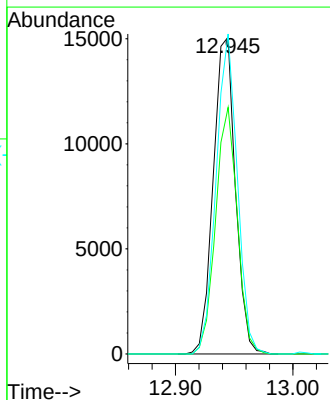
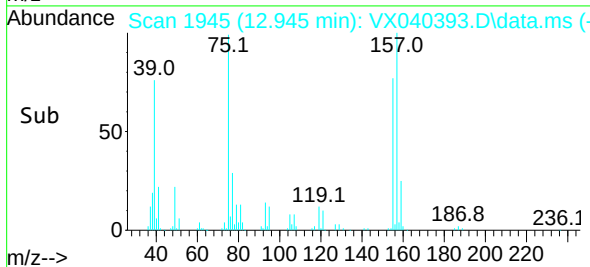
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

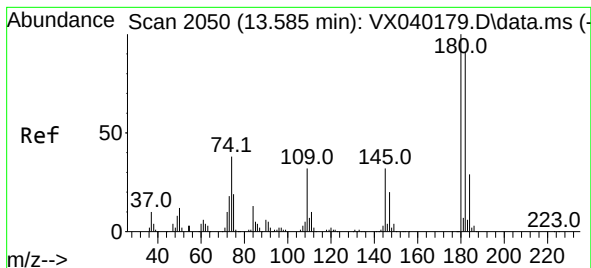


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.268 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39



Tgt Ion: 75 Resp: 19720
Ion Ratio Lower Upper
75 100
155 76.4 36.1 108.5
157 96.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 47.899 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

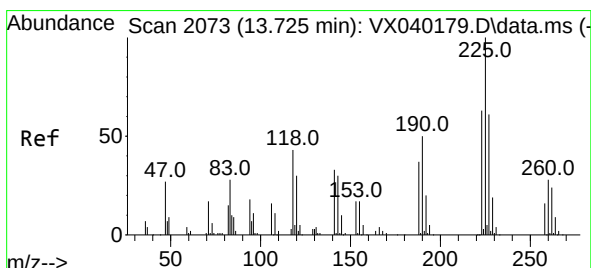
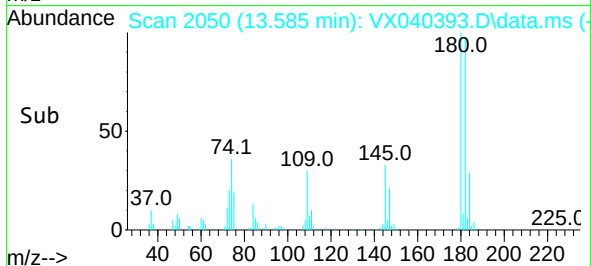
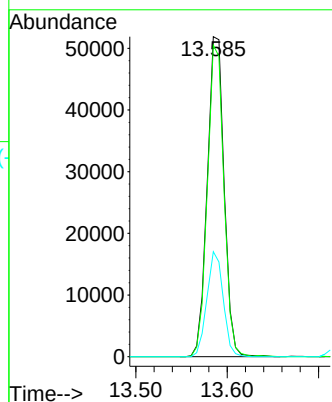
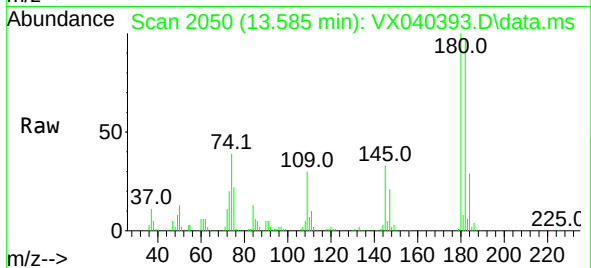
Tgt Ion:180	Resp:	6632
Ion Ratio	Lower	Upper
180	100	
182	95.6	48.3 144.8
145	31.7	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#94

Hexachlorobutadiene

Concen: 43.989 ug/l

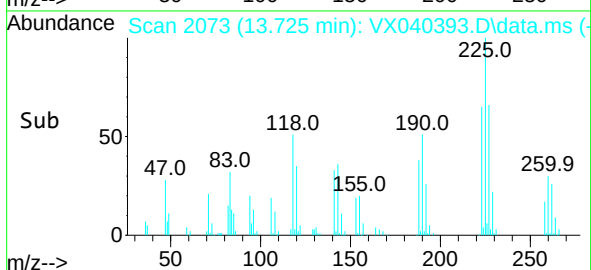
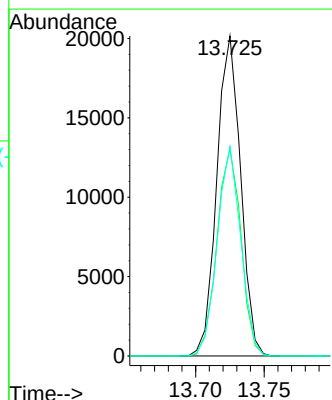
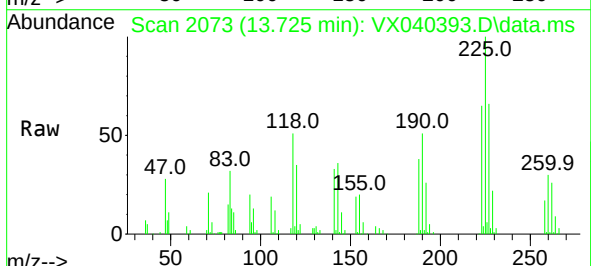
RT: 13.725 min Scan# 2073

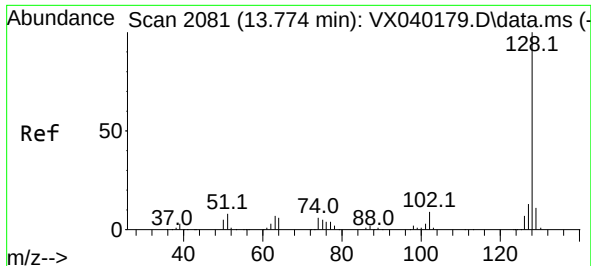
Delta R.T. 0.000 min

Lab File: VX040393.D

Acq: 21 Feb 2024 19:39

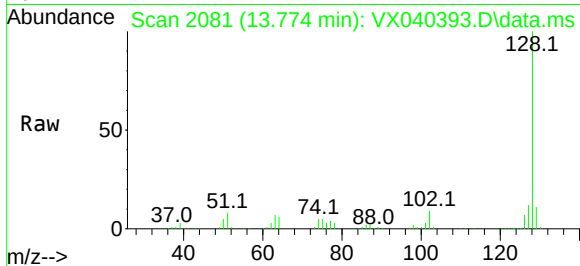
Tgt Ion:225	Resp:	24310
Ion Ratio	Lower	Upper
225	100	
223	65.5	31.1 93.2
227	64.6	32.5 97.5





#95
Naphthalene
Concen: 51.427 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39

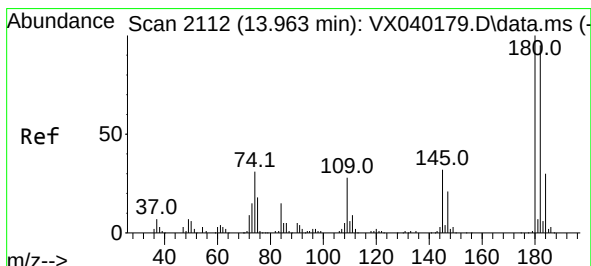
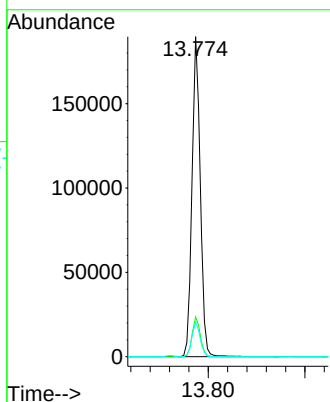
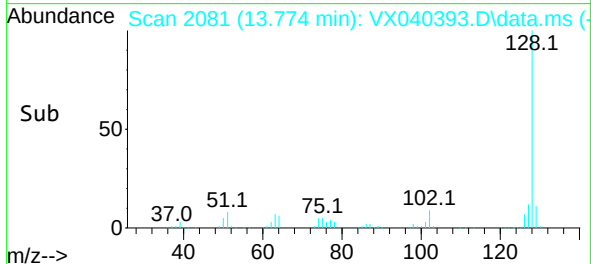
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



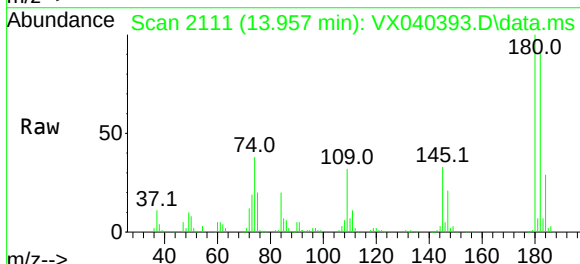
Tgt Ion:128 Resp: 224908
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 49.766 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX040393.D
Acq: 21 Feb 2024 19:39



Tgt Ion:180 Resp: 65685
Ion Ratio Lower Upper
180 100
182 93.4 46.9 140.6
145 33.1 17.8 53.5

