

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038918.D
 Acq On : 18 Nov 2023 11:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 20 04:30:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	130414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	235872	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100531	47.840	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.680%		
35) Dibromofluoromethane	5.385	113	80688	47.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.740%		
50) Toluene-d8	8.647	98	303842	46.618	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.240%		
62) 4-Bromofluorobenzene	11.079	95	119469	45.789	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	80040	52.599	ug/l	99
3) Chloromethane	1.294	50	86572	43.588	ug/l	99
4) Vinyl Chloride	1.374	62	89286	46.669	ug/l	99
5) Bromomethane	1.599	94	45538	57.569	ug/l	100
6) Chloroethane	1.678	64	55366	50.710	ug/l	97
7) Trichlorofluoromethane	1.886	101	125482	51.687	ug/l	98
8) Diethyl Ether	2.130	74	52809	49.943	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	75932	47.162	ug/l	99
10) Methyl Iodide	2.447	142	93368	47.647	ug/l	91
11) Tert butyl alcohol	2.959	59	154367	264.114	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	74478	45.820	ug/l	89
13) Acrolein	2.233	56	87752	283.783	ug/l	100
14) Allyl chloride	2.660	41	153014	47.018	ug/l	93
15) Acrylonitrile	3.062	53	308441	249.753	ug/l	99
16) Acetone	2.379	43	336346	300.666	ug/l #	89
17) Carbon Disulfide	2.508	76	204786	40.673	ug/l	99
18) Methyl Acetate	2.703	43	273040	51.386	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	290607	50.831	ug/l	98
20) Methylene Chloride	2.788	84	92610	45.924	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	82822	46.179	ug/l	93
22) Diisopropyl ether	3.757	45	295347	49.470	ug/l	89
23) Vinyl Acetate	3.721	43	1079736	251.114	ug/l	98
24) 1,1-Dichloroethane	3.605	63	159782	47.859	ug/l	99
25) 2-Butanone	4.550	43	477443	263.188	ug/l	95
26) 2,2-Dichloropropane	4.471	77	137803	47.584	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	98335	47.037	ug/l	96
28) Bromochloromethane	4.891	49	79013	49.293	ug/l	99
29) Tetrahydrofuran	5.001	42	296233	257.184	ug/l	97
30) Chloroform	5.086	83	159437	48.906	ug/l	99
31) Cyclohexane	5.464	56	140451	46.812	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	138580	49.077	ug/l	99
36) 1,1-Dichloropropene	5.690	75	117098	47.961	ug/l	98
37) Ethyl Acetate	4.708	43	165609	52.063	ug/l	98
38) Carbon Tetrachloride	5.672	117	117097	51.892	ug/l	99
39) Methylcyclohexane	7.379	83	149117	46.822	ug/l	94
40) Benzene	6.031	78	350684	48.562	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	85873	52.051	ug/l	93
42) 1,2-Dichloroethane	6.080	62	126063	52.690	ug/l	96
43) Isopropyl Acetate	6.336	43	264384	52.007	ug/l	98
44) Trichloroethene	7.123	130	87669	49.876	ug/l	97
45) 1,2-Dichloropropane	7.427	63	97466	50.154	ug/l	99
46) Dibromomethane	7.580	93	66788	51.536	ug/l	99
47) Bromodichloromethane	7.818	83	130881	50.884	ug/l	96
48) Methyl methacrylate	7.689	41	122683	49.739	ug/l	94
49) 1,4-Dioxane	7.653	88	54487	1141.850	ug/l #	95
51) 4-Methyl-2-Pentanone	8.573	43	856776	263.727	ug/l	99
52) Toluene	8.720	92	221386	49.403	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	152987	50.050	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	159470	50.507	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	94186	50.372	ug/l	91
56) Ethyl methacrylate	9.116	69	163798	51.775	ug/l	95
57) 1,3-Dichloropropane	9.305	76	157921	51.068	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	373824	253.652	ug/l	96
59) 2-Hexanone	9.427	43	704409	270.516	ug/l	97
60) Dibromochloromethane	9.518	129	99545	52.359	ug/l	99
61) 1,2-Dibromoethane	9.610	107	100364	51.152	ug/l	100
64) Tetrachloroethene	9.268	164	69721	51.300	ug/l	96
65) Chlorobenzene	10.079	112	234325	49.751	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	85835	50.663	ug/l	97
67) Ethyl Benzene	10.195	91	434609	50.224	ug/l	100
68) m/p-Xylenes	10.299	106	327394	100.018	ug/l	99
69) o-Xylene	10.640	106	161294	49.798	ug/l	98
70) Styrene	10.652	104	272025	49.729	ug/l	98
71) Bromoform	10.799	173	75449	53.419	ug/l #	100
73) Isopropylbenzene	10.963	105	422432	48.947	ug/l	99
74) N-amyl acetate	10.841	43	229140	50.226	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	165290	49.062	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	138952m	50.278	ug/l	
77) Bromobenzene	11.195	156	94808	48.889	ug/l	98
78) n-propylbenzene	11.305	91	522716	49.205	ug/l	98
79) 2-Chlorotoluene	11.366	91	304394	48.282	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	364488	50.228	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	59317	47.607	ug/l #	82
82) 4-Chlorotoluene	11.451	91	355300	48.876	ug/l	100
83) tert-Butylbenzene	11.713	119	354838	49.650	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	363987	49.556	ug/l	99
85) sec-Butylbenzene	11.890	105	463195	49.549	ug/l	99
86) p-Isopropyltoluene	12.006	119	376211	50.132	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	187922	49.486	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	191090	49.165	ug/l	99
89) n-Butylbenzene	12.329	91	374032	49.401	ug/l	97
90) Hexachloroethane	12.536	117	73351	48.946	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	180672	50.161	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42877	51.946	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	121120	50.182	ug/l	96
94) Hexachlorobutadiene	13.725	225	42502	49.725	ug/l	99
95) Naphthalene	13.774	128	444838	49.485	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	116182	50.779	ug/l	99

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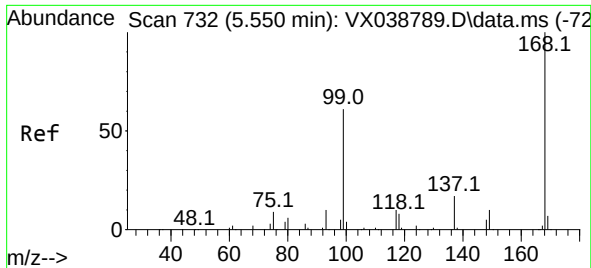
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

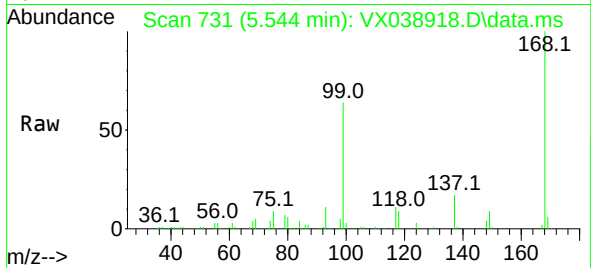
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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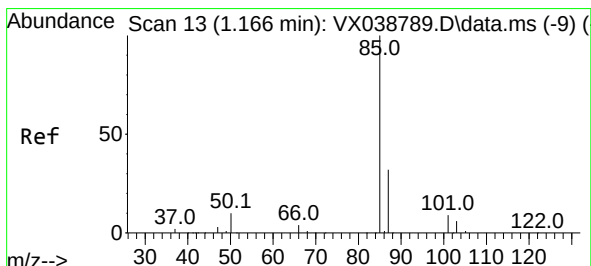
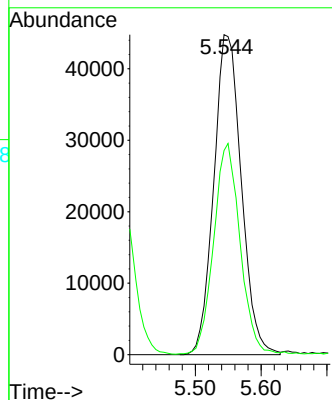
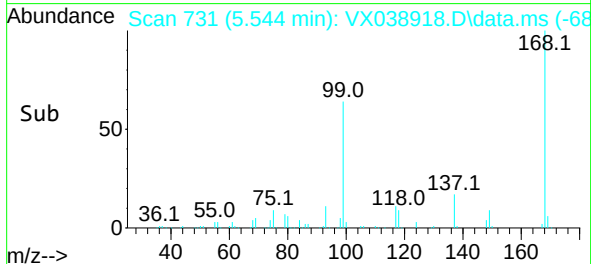
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 130414
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0

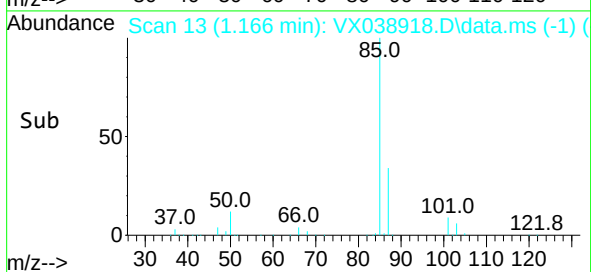
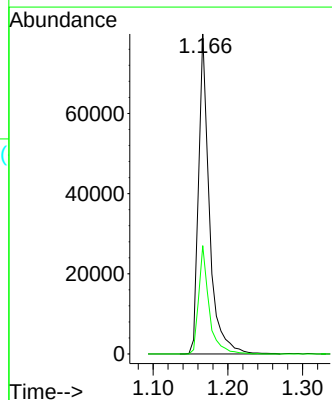
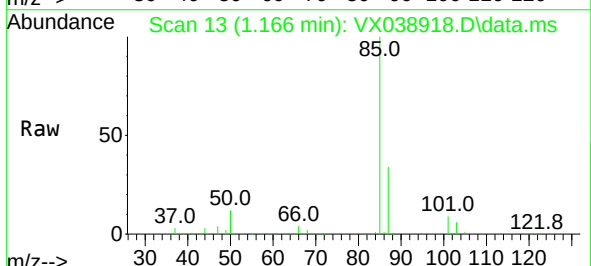
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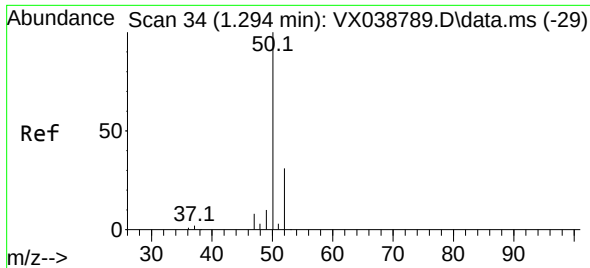
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#2
Dichlorodifluoromethane
Concen: 52.599 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

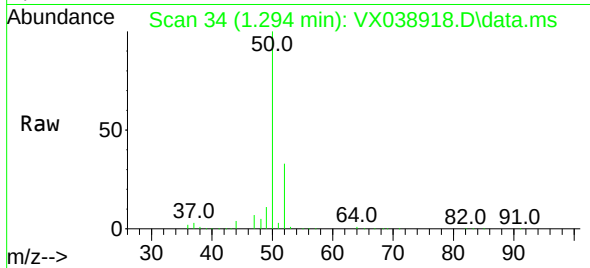
Tgt Ion: 85 Resp: 80040
Ion Ratio Lower Upper
85 100
87 33.9 16.7 50.1





#3
Chloromethane
Concen: 43.588 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

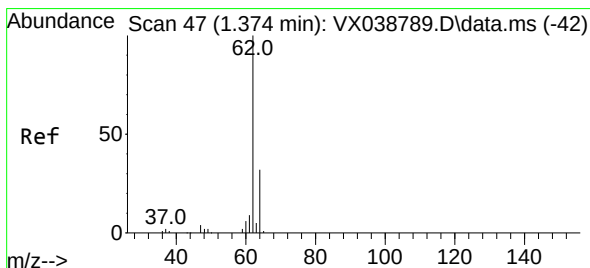
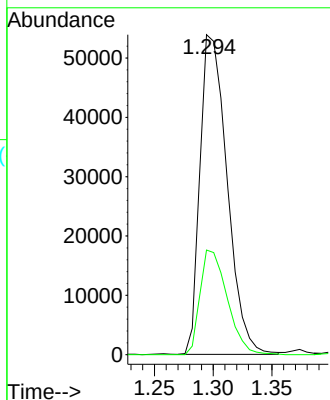
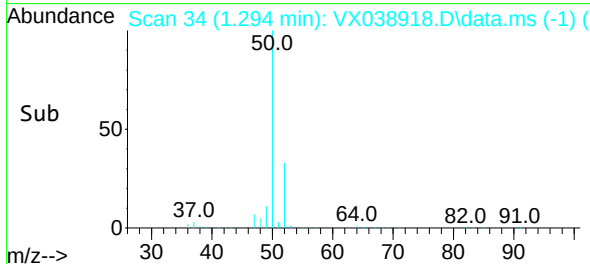
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 86572
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

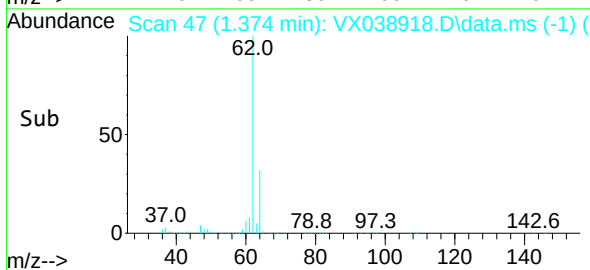
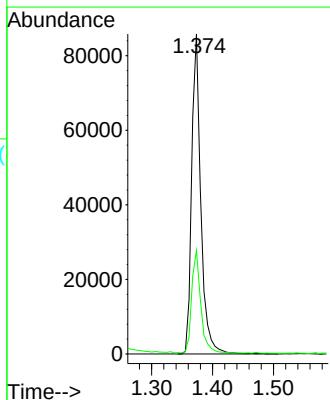
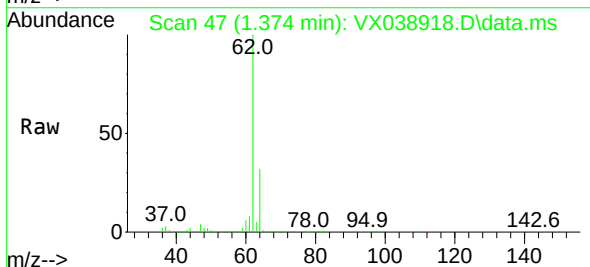
Manual Integrations
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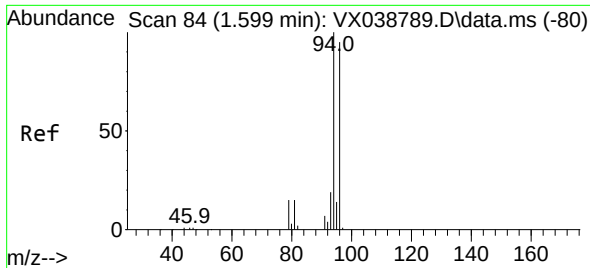
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#4
Vinyl Chloride
Concen: 46.669 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

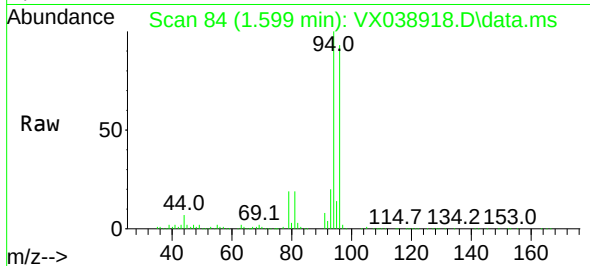
Tgt Ion: 62 Resp: 89286
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 57.569 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

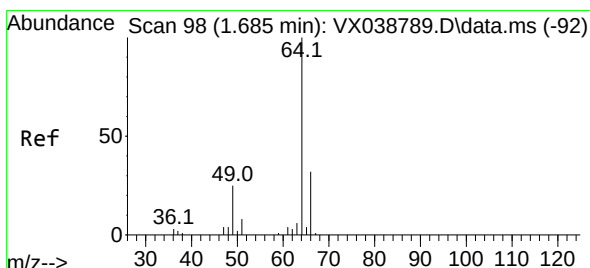
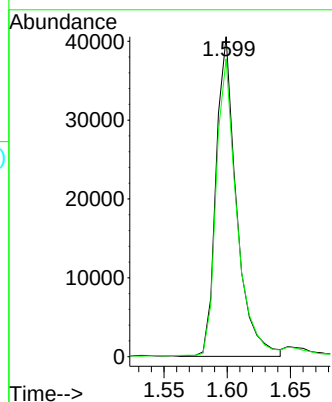
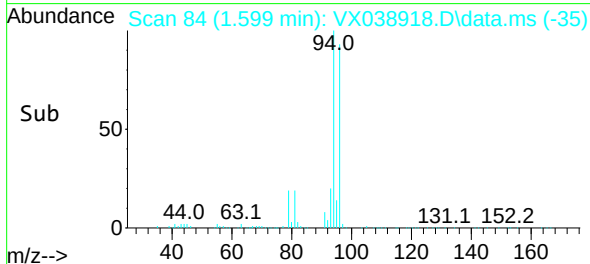
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 45538
Ion Ratio Lower Upper
94 100
96 92.8 74.6 111.8

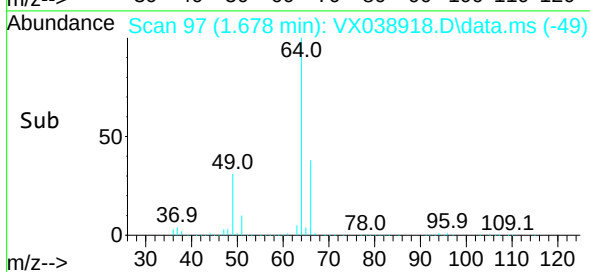
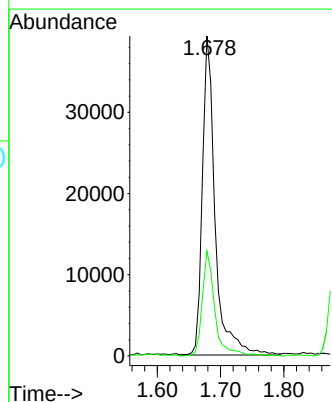
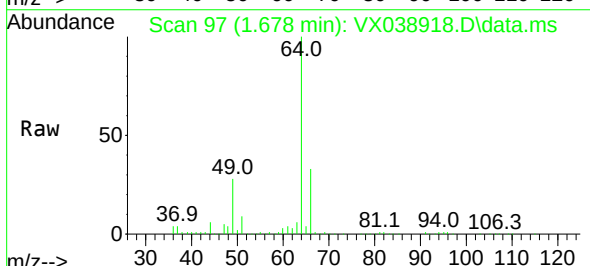
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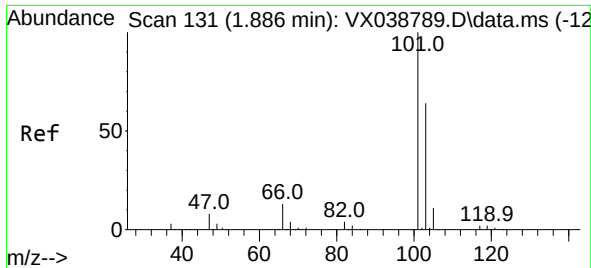
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#6
Chloroethane
Concen: 50.710 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Tgt Ion: 64 Resp: 55366
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





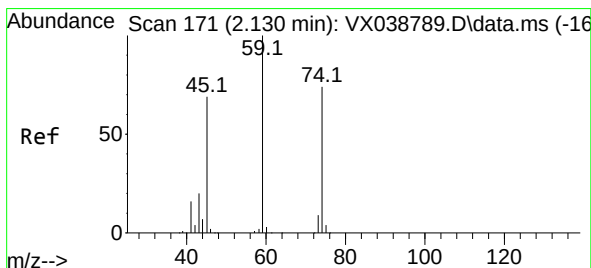
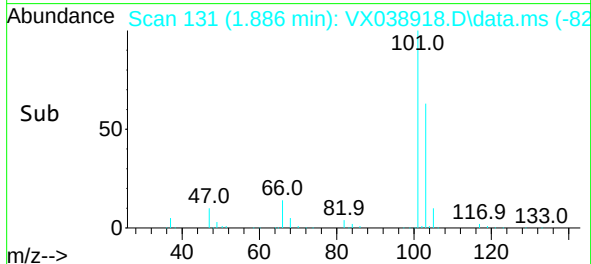
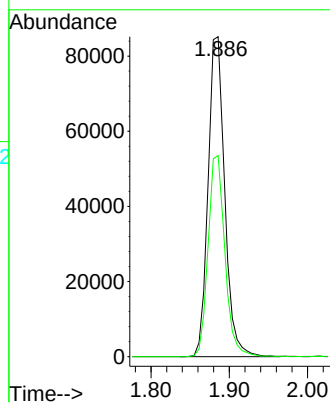
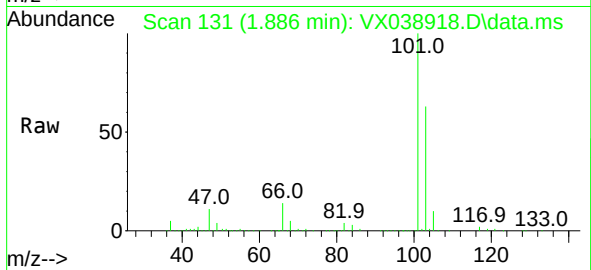
#7
Trichlorofluoromethane
Concen: 51.687 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12548
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.2

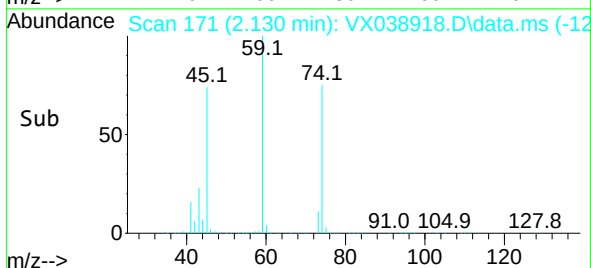
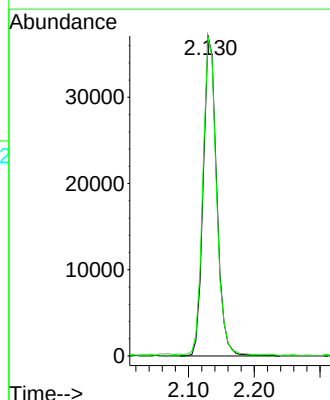
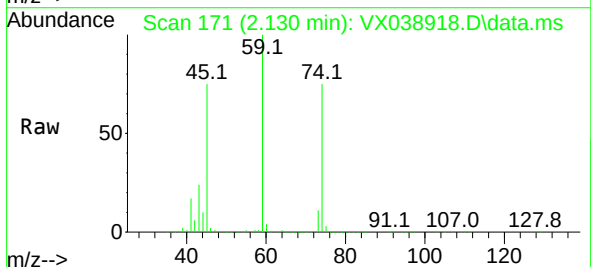
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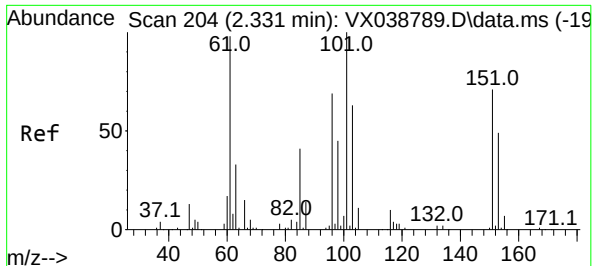
Reviewed By :John Carlone 11/20/2023
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#8
Diethyl Ether
Concen: 49.943 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Tgt Ion: 74 Resp: 52809
Ion Ratio Lower Upper
74 100
45 100.2 53.3 159.8





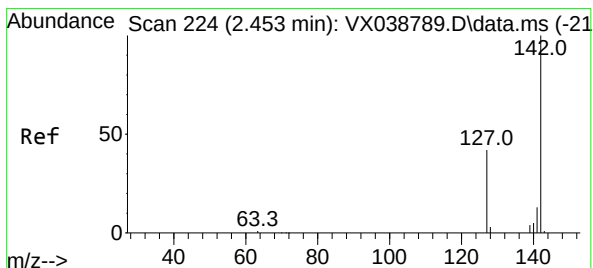
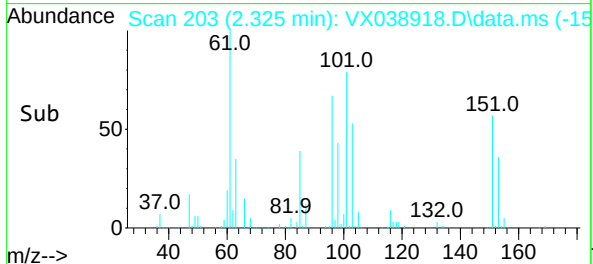
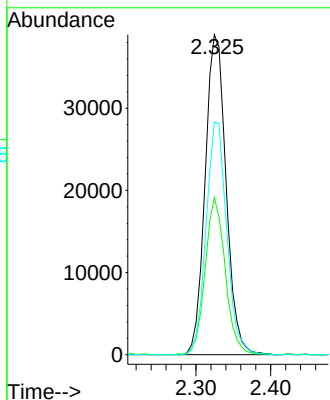
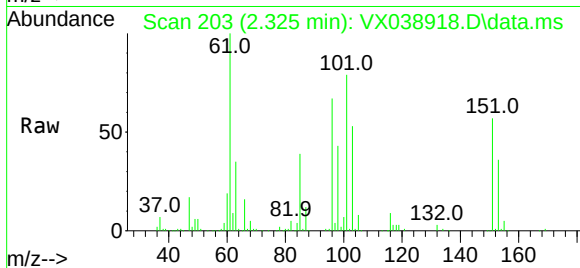
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.162 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7593
Ion Ratio Lower Upper
101 100
85 47.3 37.0 55.6
151 72.0 58.6 87.8

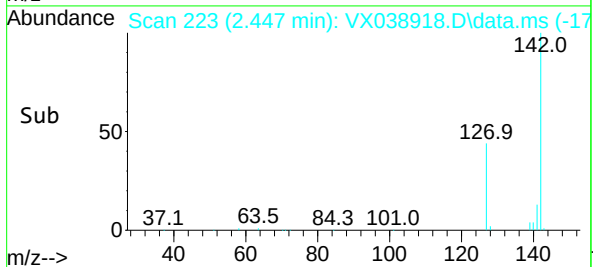
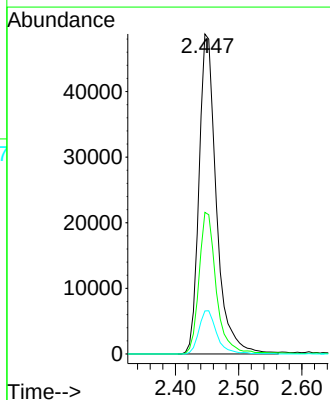
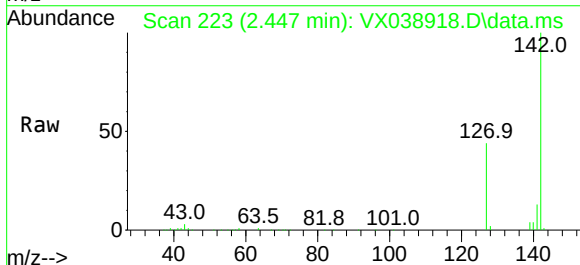
Manual Integrations
APPROVED

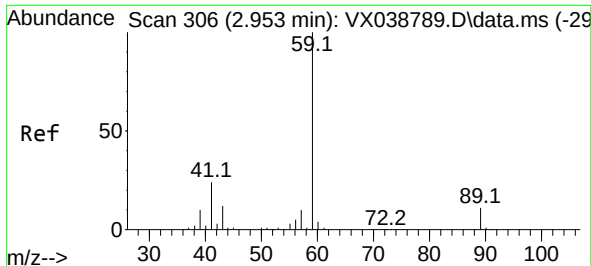
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 47.647 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Tgt Ion:142 Resp: 93368
Ion Ratio Lower Upper
142 100
127 44.4 41.6 62.4
141 14.0 11.6 17.4





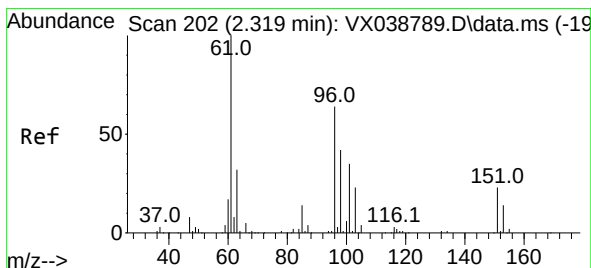
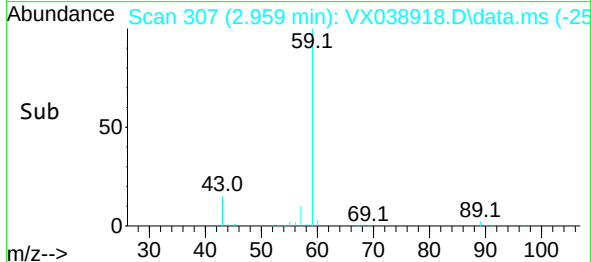
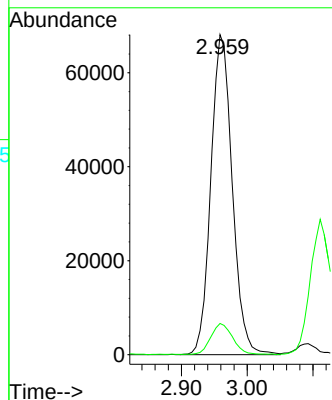
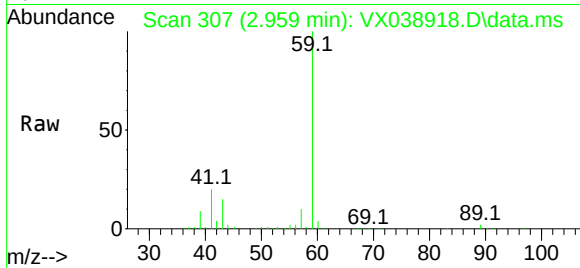
#11
Tert butyl alcohol
Concen: 264.114 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 15436
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

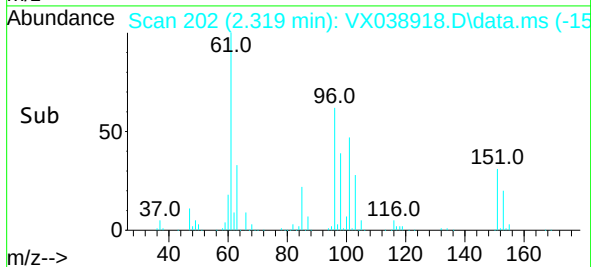
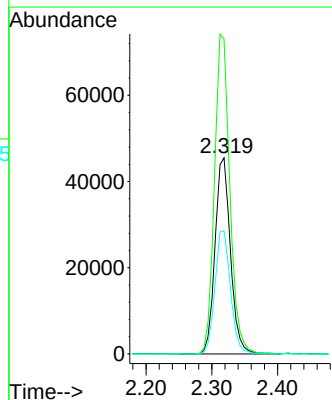
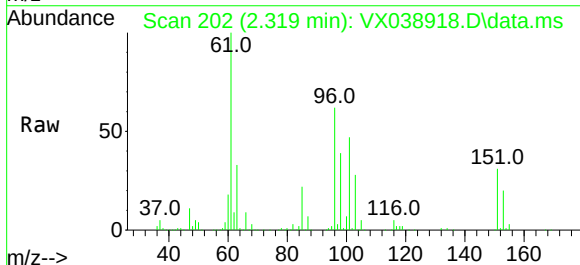
Manual Integrations
APPROVED

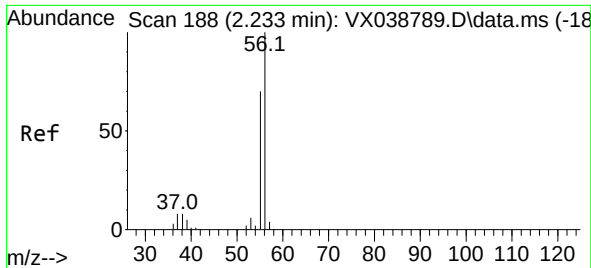
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#12
1,1-Dichloroethene
Concen: 45.820 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

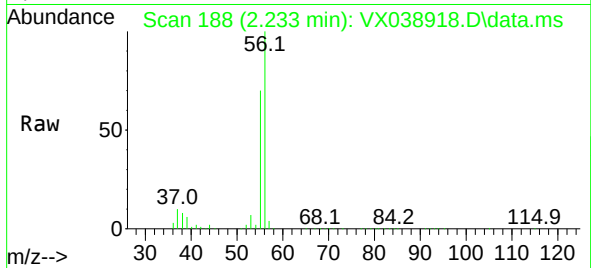
Tgt Ion: 96 Resp: 74478
Ion Ratio Lower Upper
96 100
61 160.5 144.6 216.8
98 62.8 50.4 75.6





#13
Acrolein
Concen: 283.783 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

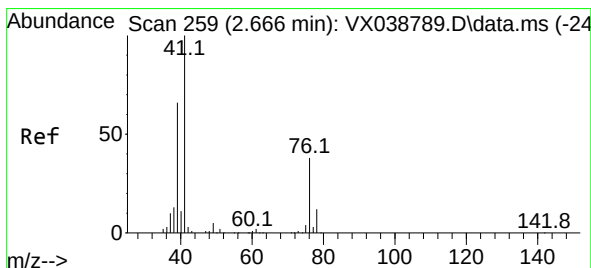
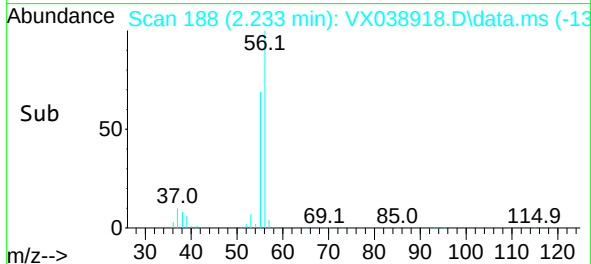
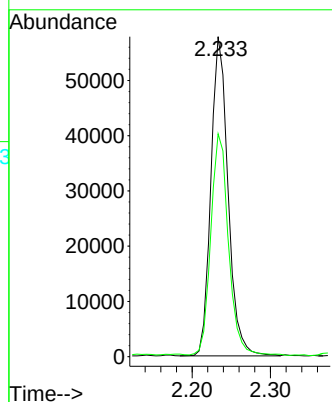
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 87752
Ion Ratio Lower Upper
56 100
55 71.6 57.1 85.7

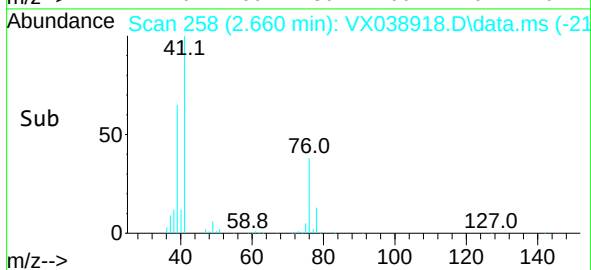
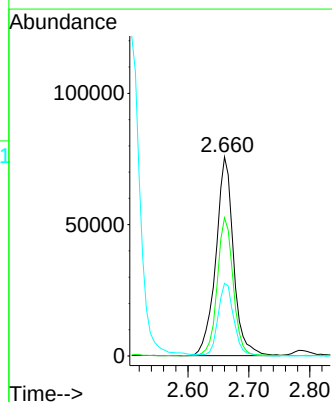
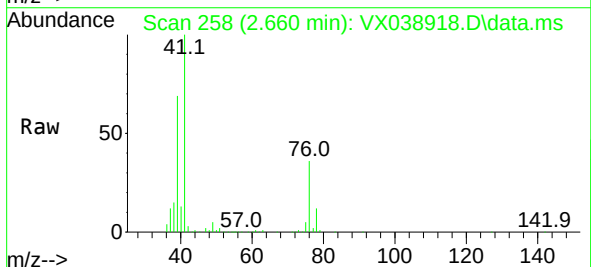
Manual Integrations
APPROVED

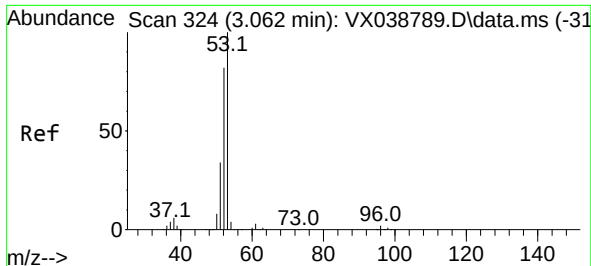
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 47.018 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

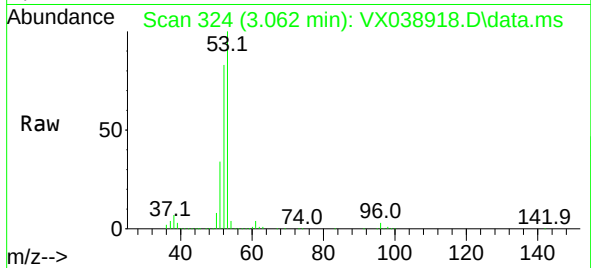
Tgt Ion: 41 Resp: 153014
Ion Ratio Lower Upper
41 100
39 62.2 55.8 83.6
76 32.4 24.3 36.5





#15
Acrylonitrile
Concen: 249.753 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

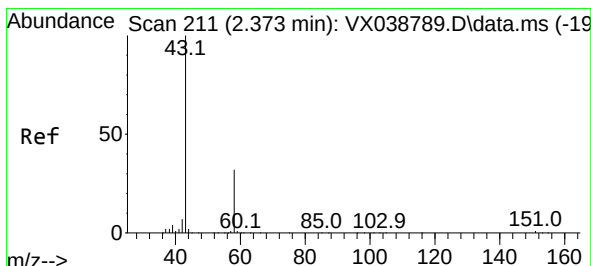
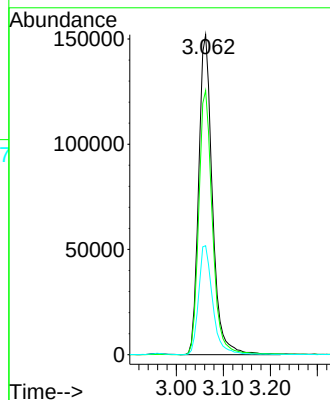
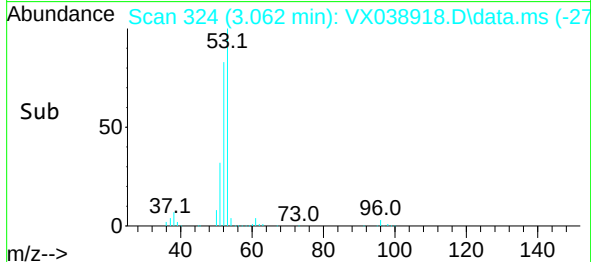
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



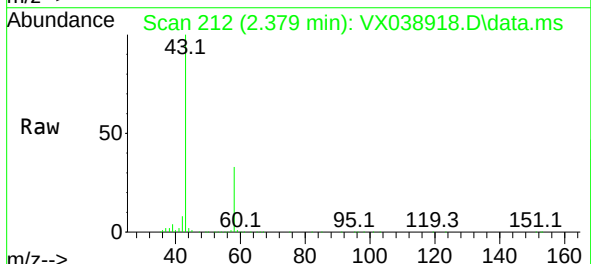
Tgt Ion: 53 Resp: 30844
Ion Ratio Lower Upper
53 100
52 82.1 66.0 99.0
51 35.2 29.8 44.6

Manual Integrations
APPROVED

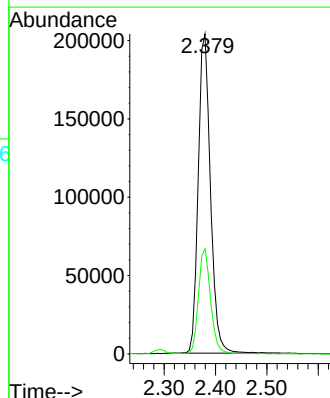
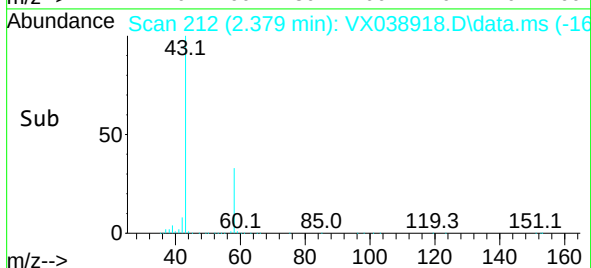
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

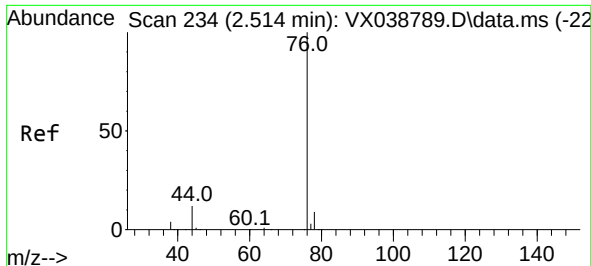


#16
Acetone
Concen: 300.666 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11



Tgt Ion: 43 Resp: 336346
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9#





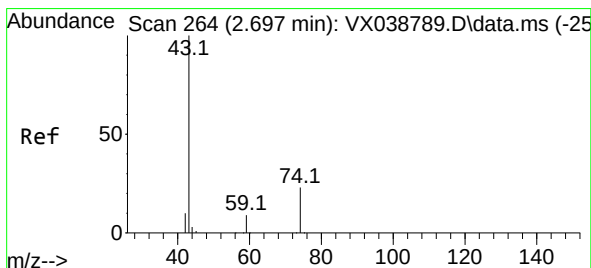
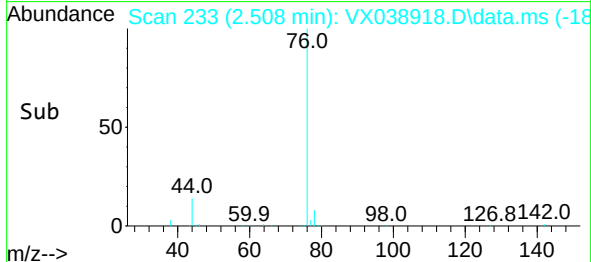
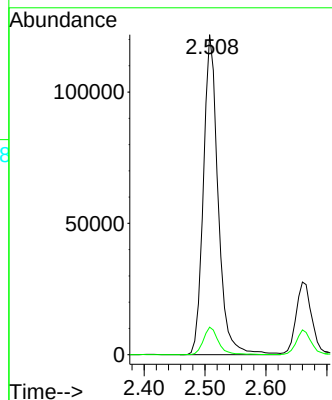
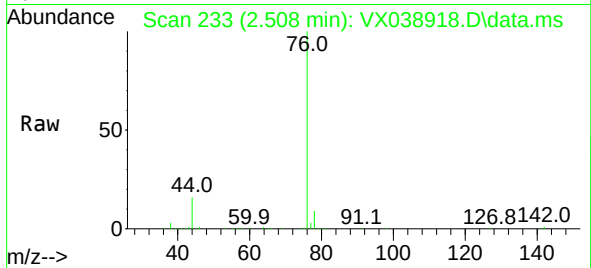
#17
Carbon Disulfide
Concen: 40.673 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 204780
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

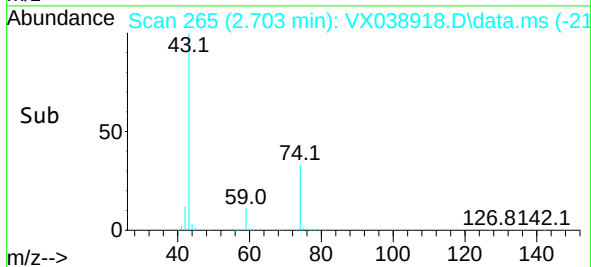
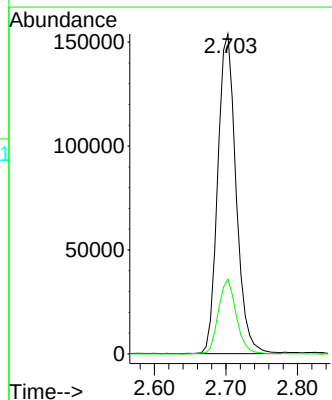
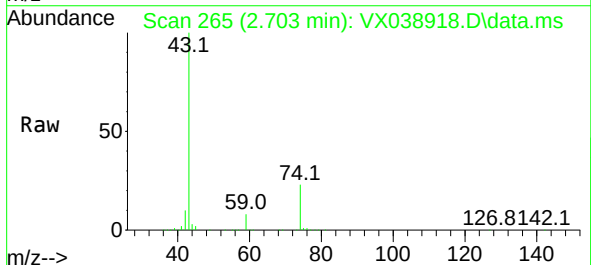
Manual Integrations
APPROVED

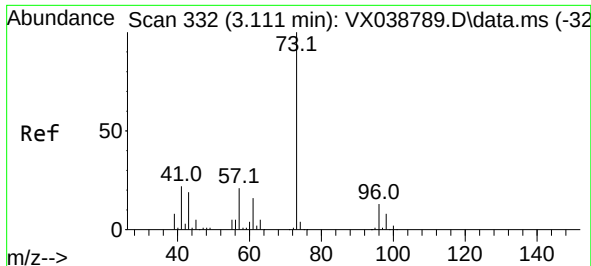
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#18
Methyl Acetate
Concen: 51.386 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

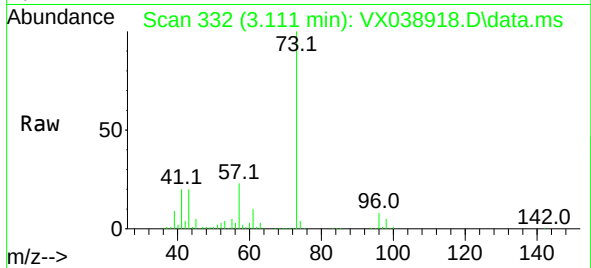
Tgt Ion: 43 Resp: 273040
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.831 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

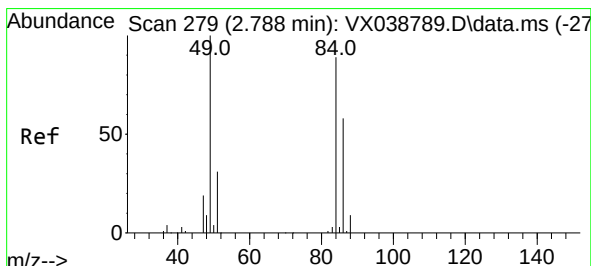
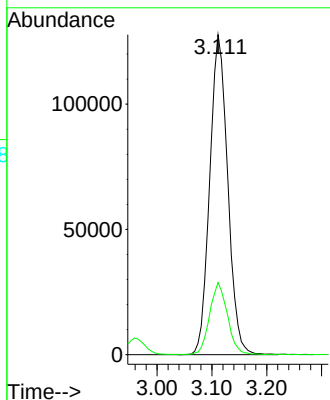
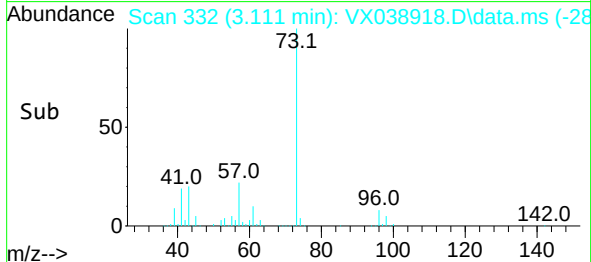
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 29060
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

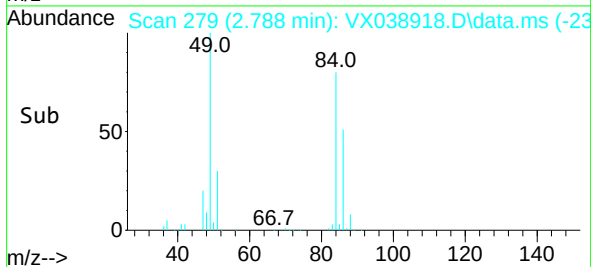
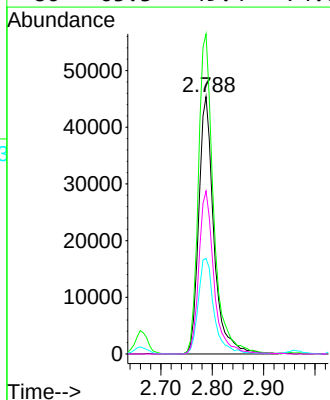
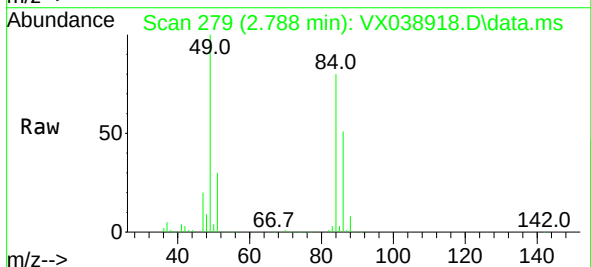
Manual Integrations
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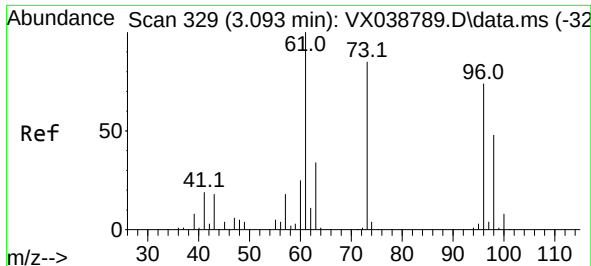
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 45.924 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

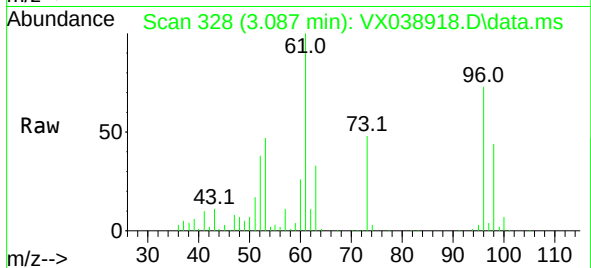
Tgt Ion: 84 Resp: 92610
Ion Ratio Lower Upper
84 100
49 124.4 103.6 155.4
51 37.1 33.8 50.6
86 63.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.179 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

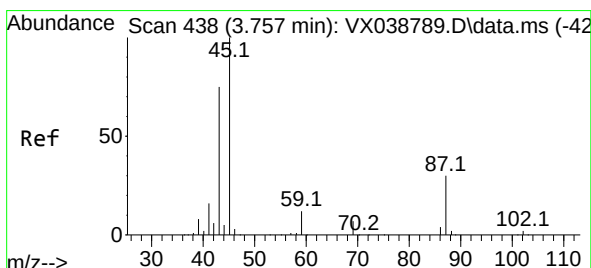
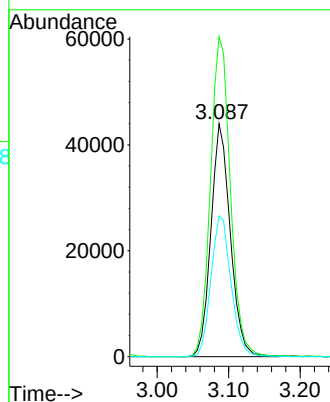
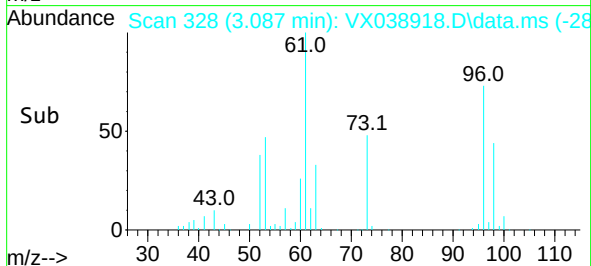
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



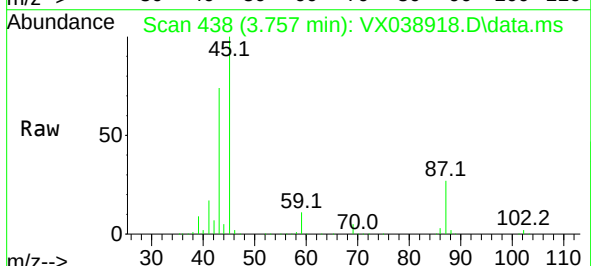
Tgt Ion: 96 Resp: 8282
Ion Ratio Lower Upper
96 100
61 137.4 119.2 178.8
98 60.4 48.7 73.1

Manual Integrations
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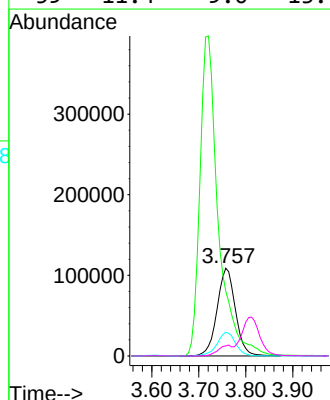
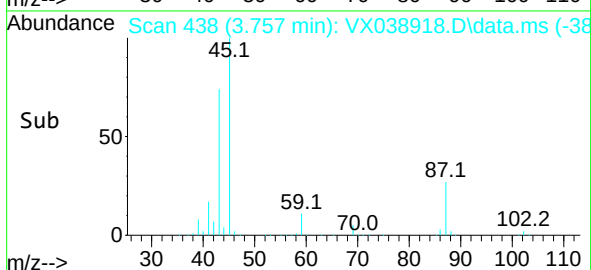
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

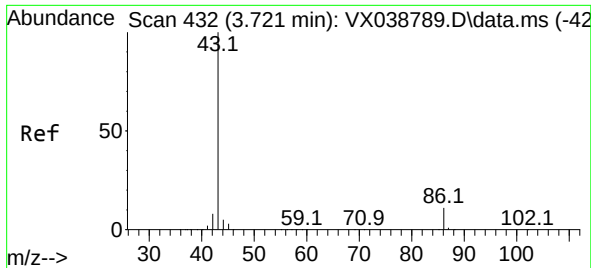


#22
Diisopropyl ether
Concen: 49.470 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11



Tgt Ion: 45 Resp: 295347
Ion Ratio Lower Upper
45 100
43 73.6 69.7 104.5
87 27.2 20.8 31.2
59 11.4 9.0 13.4





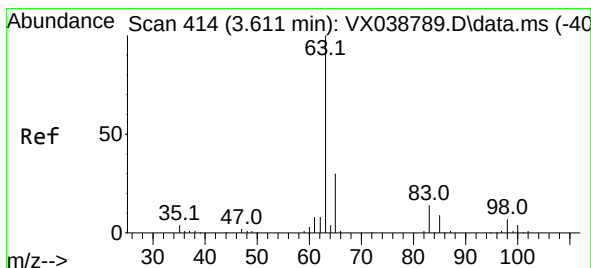
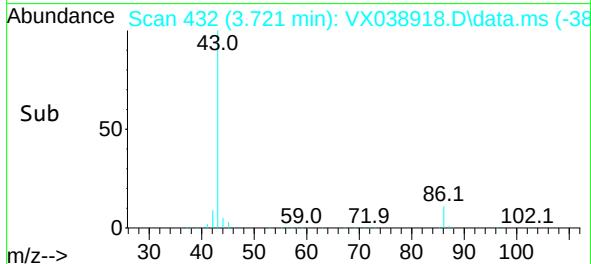
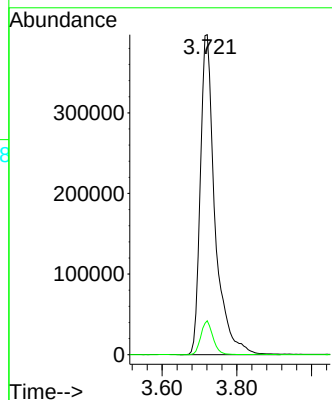
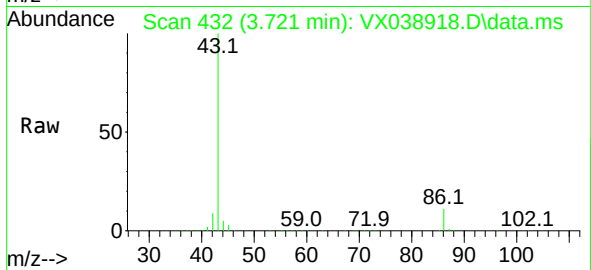
#23
 Vinyl Acetate
 Concen: 251.114 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038918.D
 Acq: 18 Nov 2023 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1079730
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8

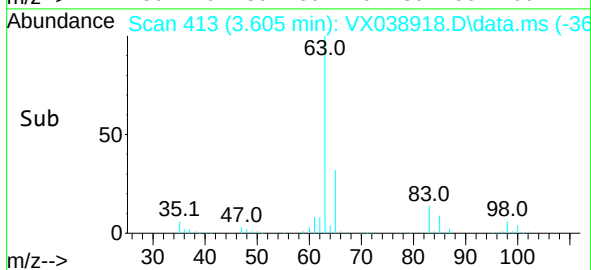
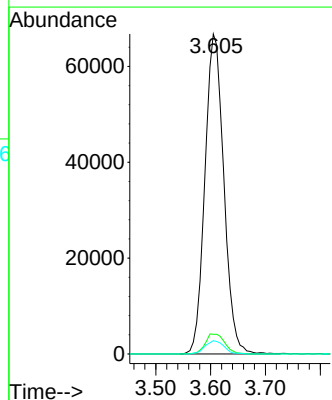
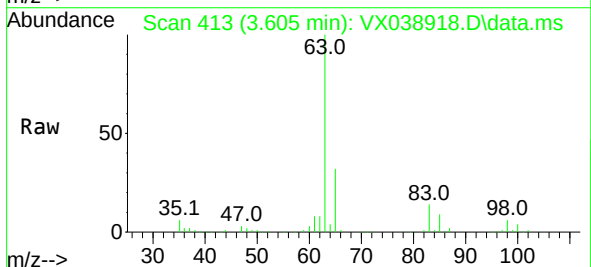
Manual Integrations
 APPROVED

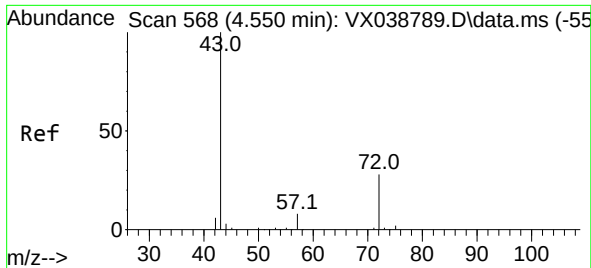
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#24
 1,1-Dichloroethane
 Concen: 47.859 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038918.D
 Acq: 18 Nov 2023 11:11

Tgt Ion: 63 Resp: 159782
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.2 2.1 6.5





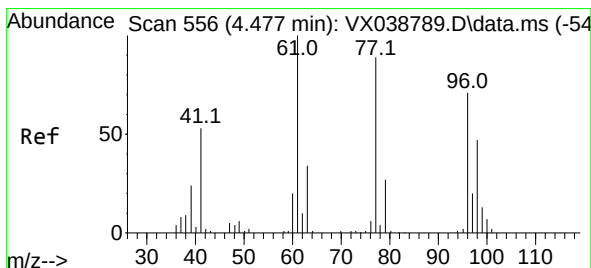
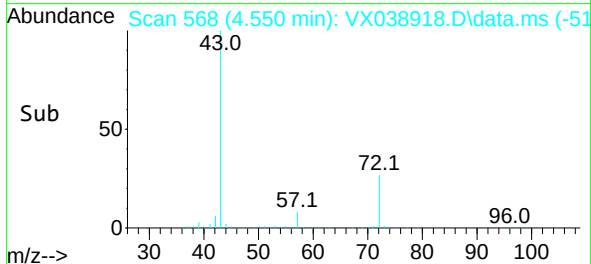
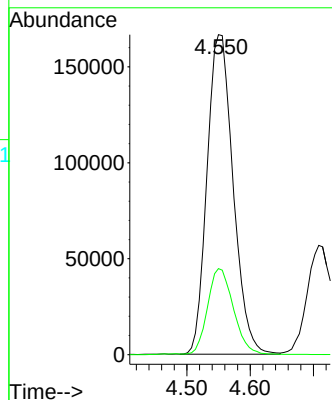
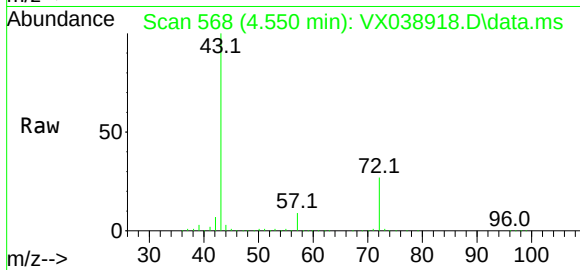
#25
2-Butanone
Concen: 263.188 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 47744
Ion Ratio Lower Upper
43 100
72 26.8 19.4 29.2

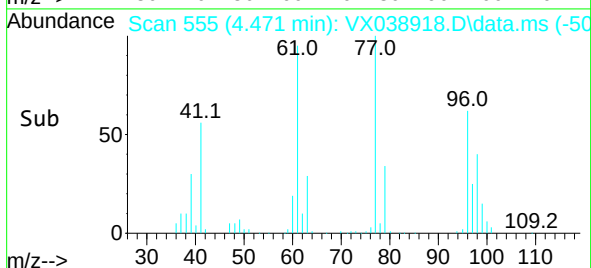
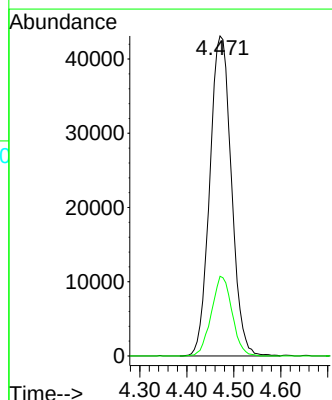
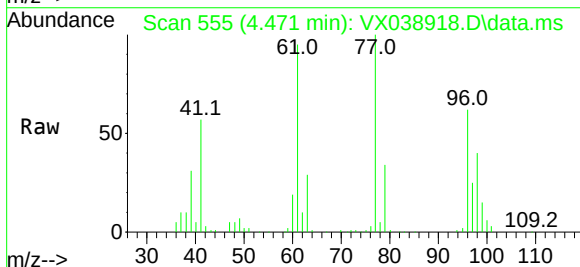
Manual Integrations
APPROVED

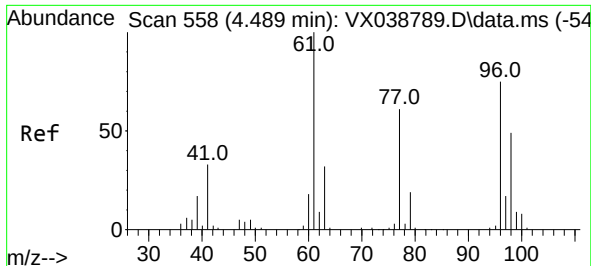
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 47.584 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Tgt Ion: 77 Resp: 137803
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.037 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 9833

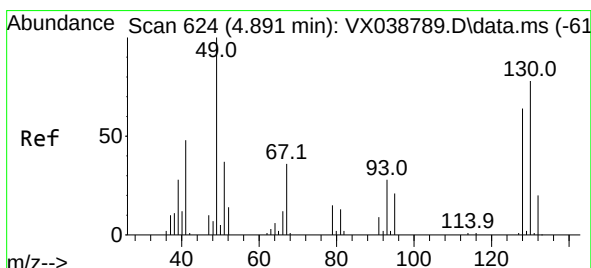
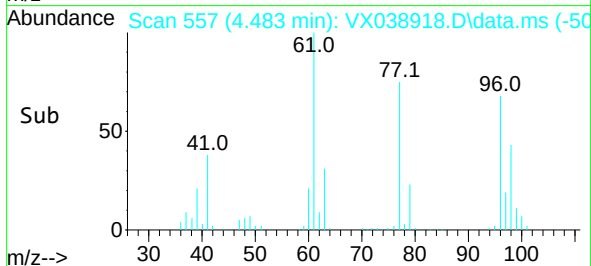
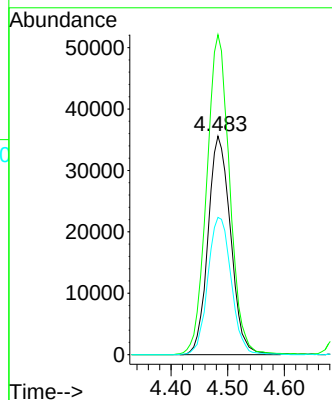
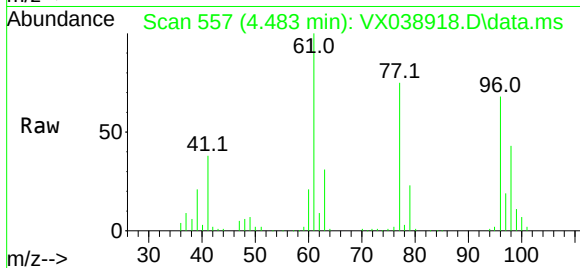
Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	312.2
98	65.1	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#28

Bromochloromethane

Concen: 49.293 ug/l

RT: 4.891 min Scan# 624

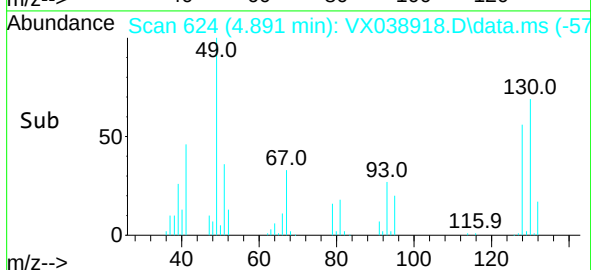
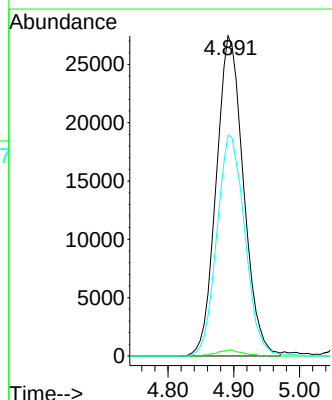
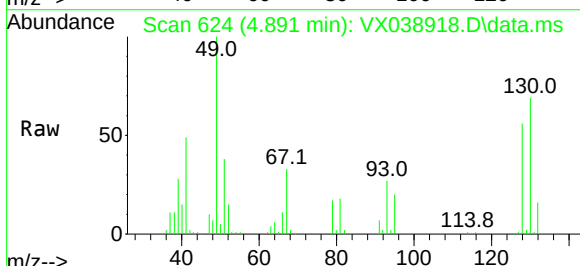
Delta R.T. -0.000 min

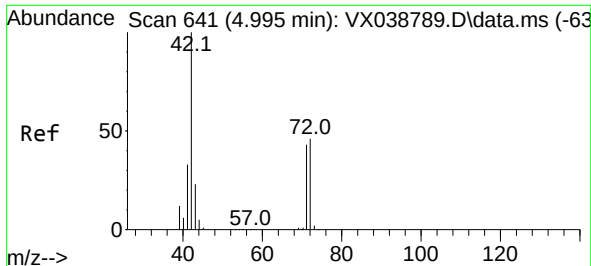
Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Tgt Ion: 49 Resp: 79013

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	71.0	57.5	86.3





#29

Tetrahydrofuran

Concen: 257.184 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 29623

Ion Ratio Lower Upper

42 100

72 44.8 34.2 51.4

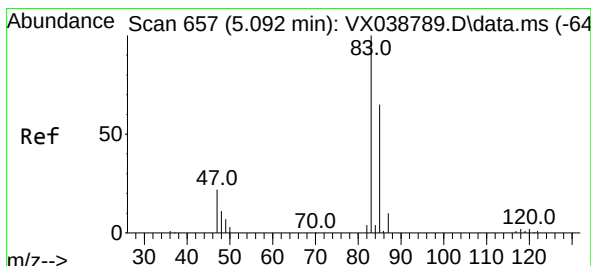
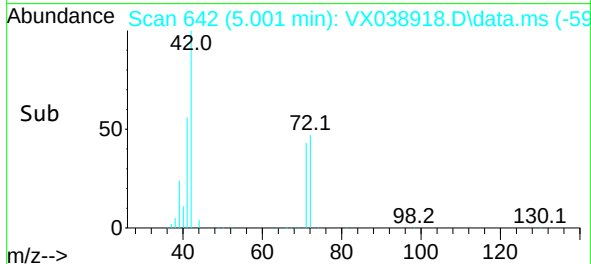
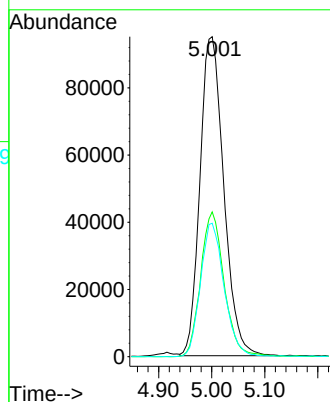
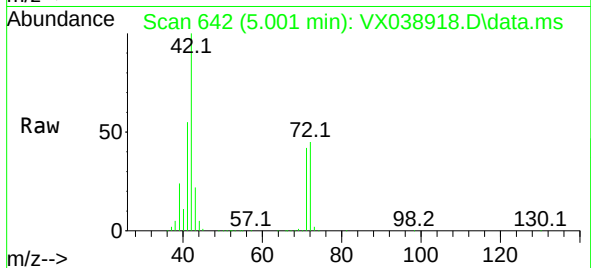
71 41.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 48.906 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX038918.D

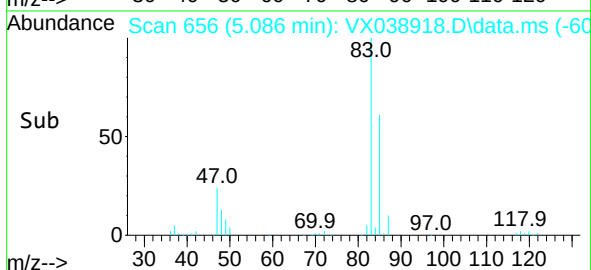
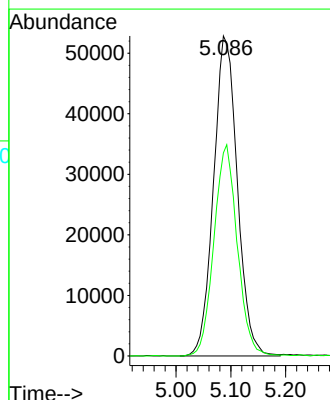
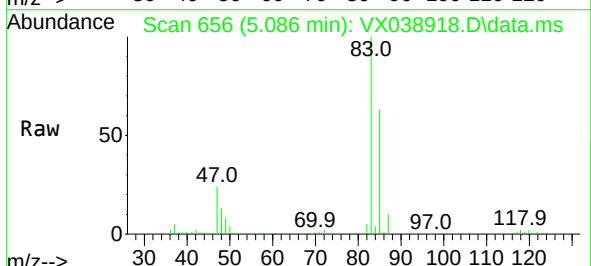
Acq: 18 Nov 2023 11:11

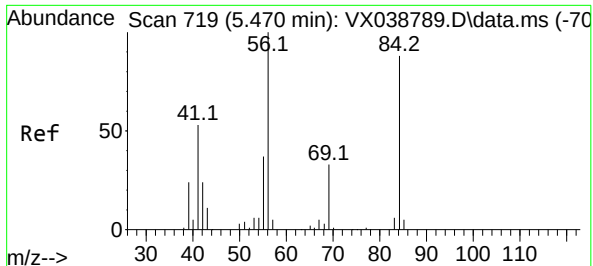
Tgt Ion: 83 Resp: 159437

Ion Ratio Lower Upper

83 100

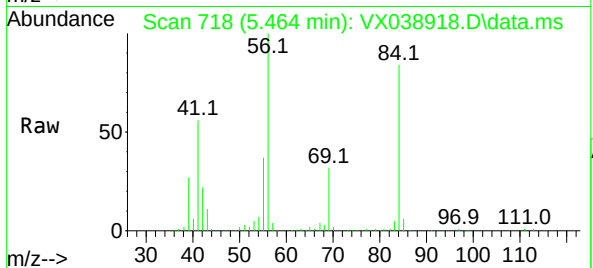
85 63.5 50.3 75.5





#31
Cyclohexane
Concen: 46.812 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

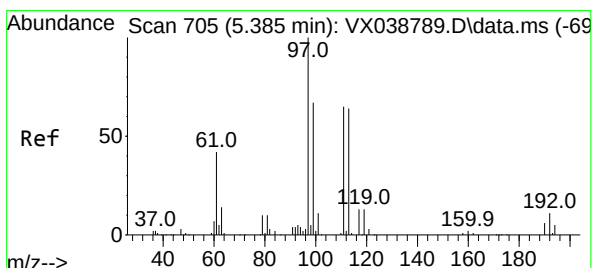
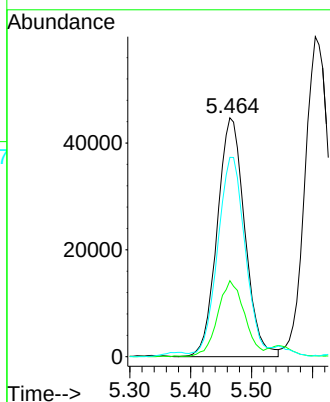
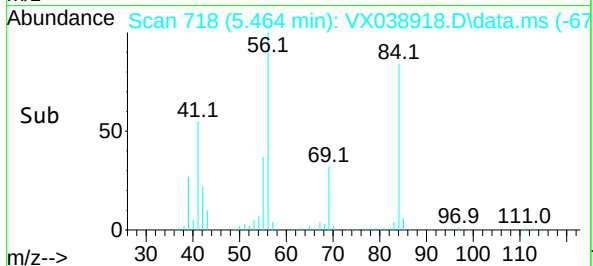
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 14045
Ion Ratio Lower Upper
56 100
69 31.6 23.4 35.2
84 81.7 65.9 98.9

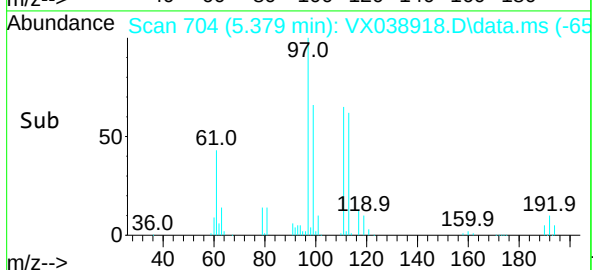
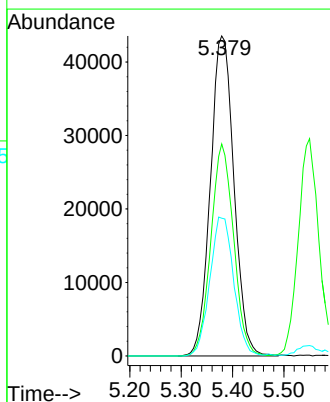
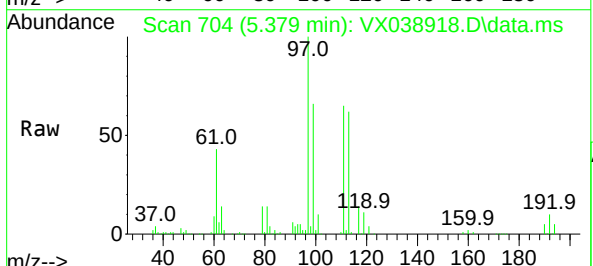
Manual Integrations
APPROVED

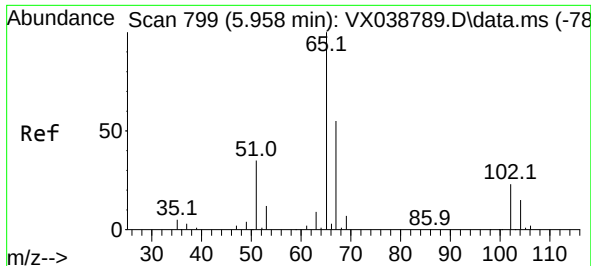
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#32
1,1,1-Trichloroethane
Concen: 49.077 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Tgt Ion: 97 Resp: 138580
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 43.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.840 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 10053

Ion Ratio Lower Upper

65 100

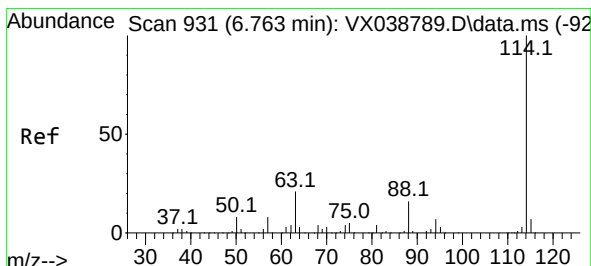
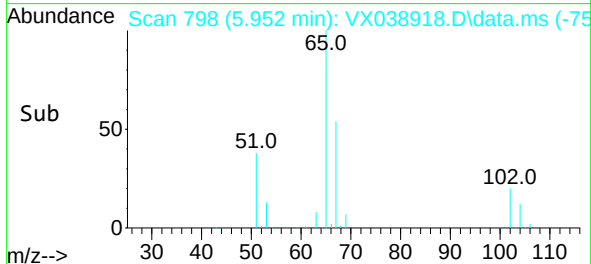
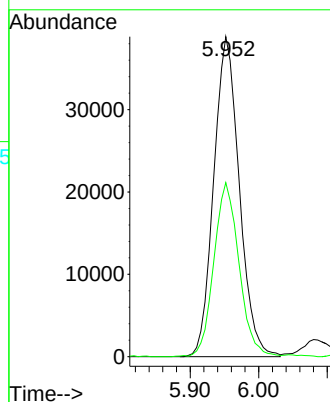
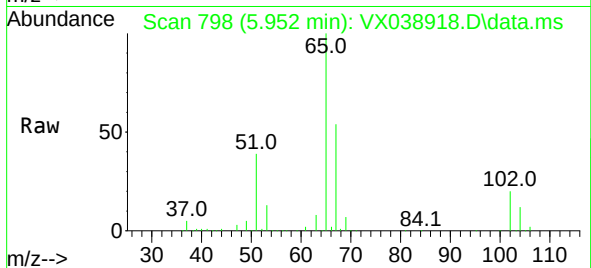
67 53.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

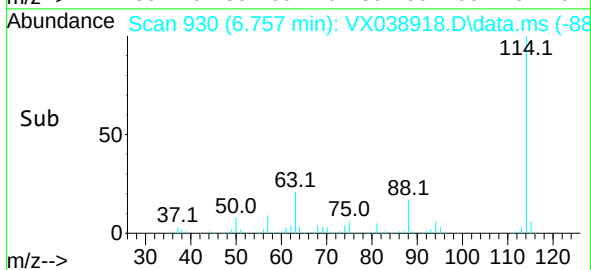
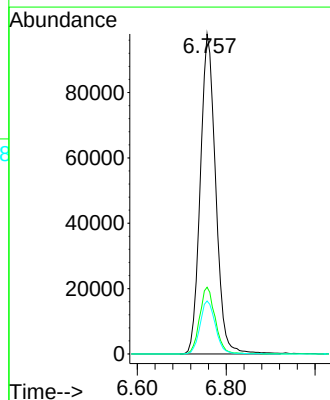
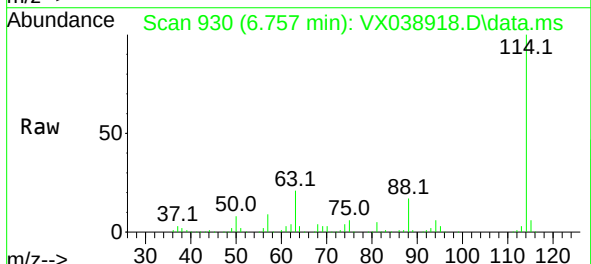
Tgt Ion:114 Resp: 235872

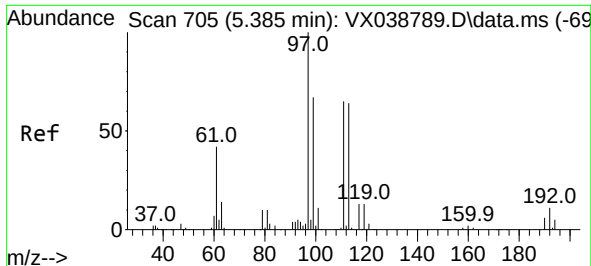
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.365 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

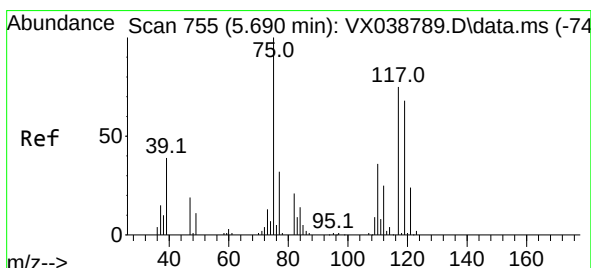
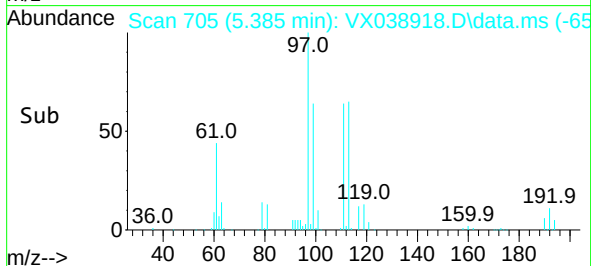
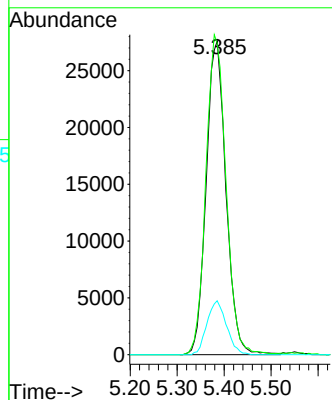
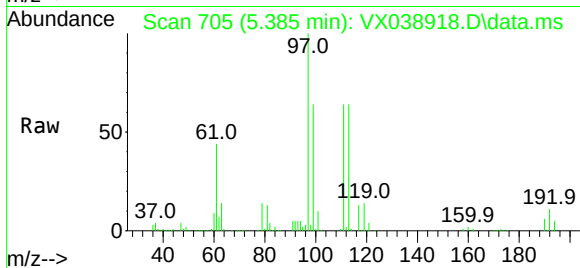
Tgt Ion:	113	Resp:	8068
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	17.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#36

1,1-Dichloropropene

Concen: 47.961 ug/l

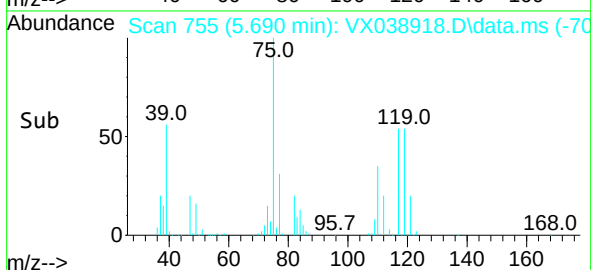
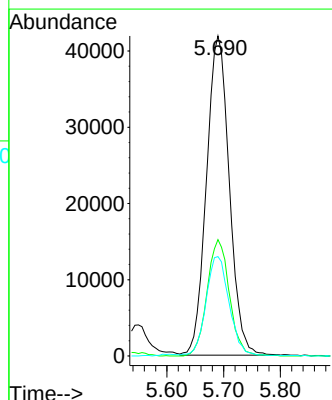
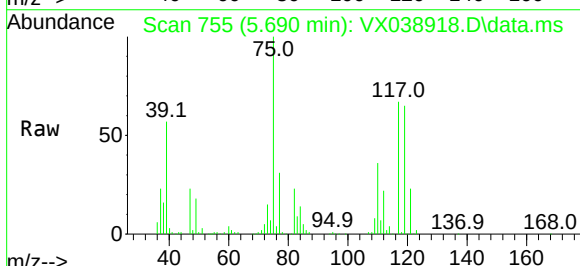
RT: 5.690 min Scan# 755

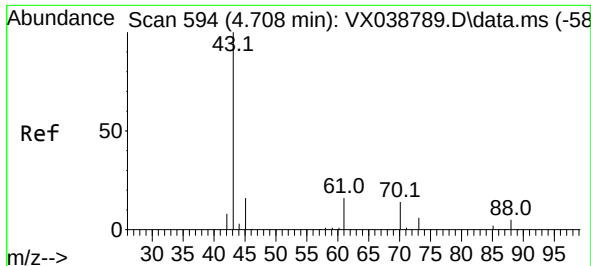
Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

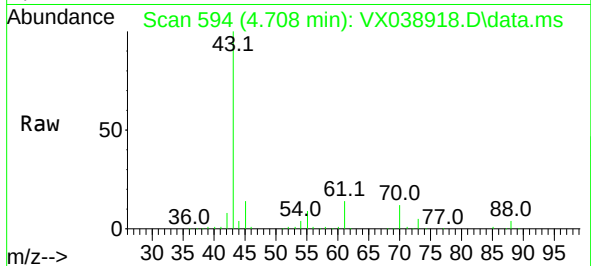
Tgt Ion:	75	Resp:	117098
Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.0	50.9
77	31.3	24.7	37.1





#37
Ethyl Acetate
Concen: 52.063 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

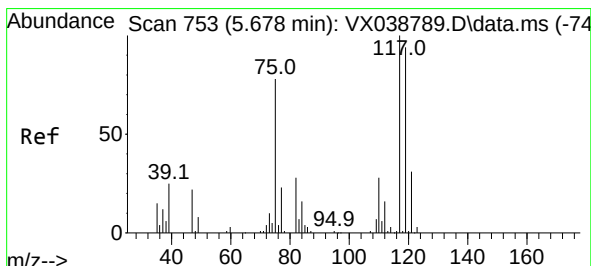
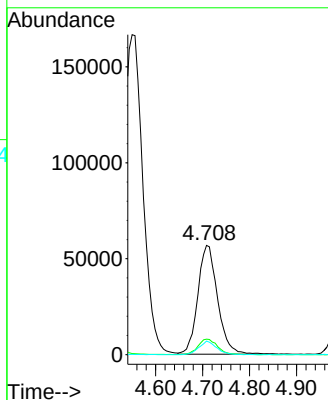
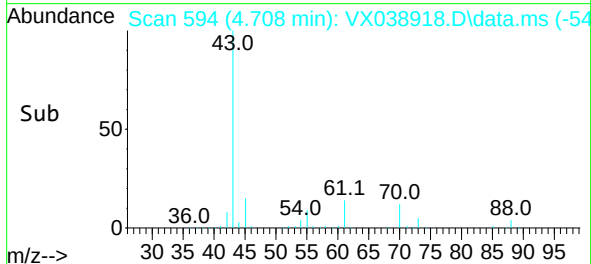
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 165609
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 11.1 8.3 12.5

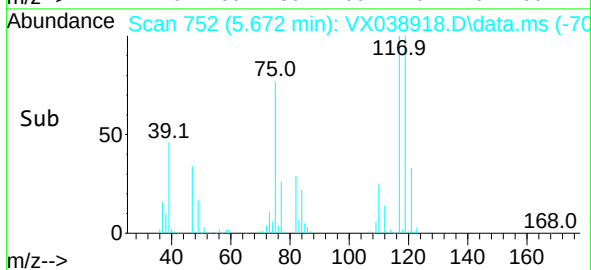
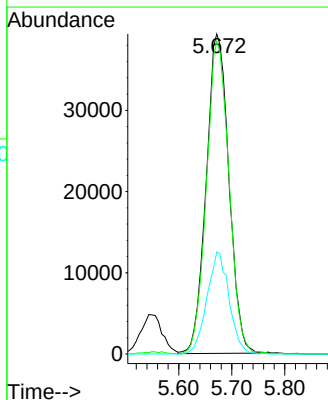
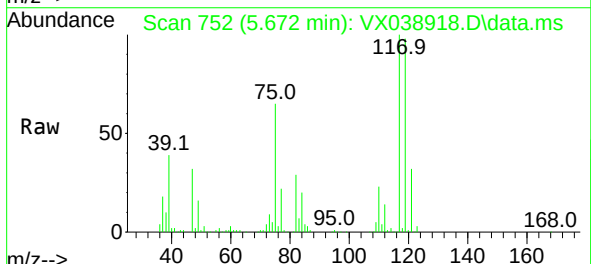
Manual Integrations
APPROVED

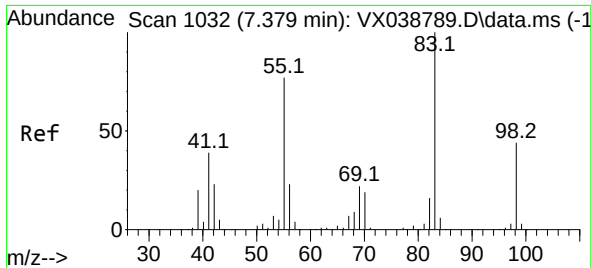
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#38
Carbon Tetrachloride
Concen: 51.892 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Tgt Ion:117 Resp: 117097
Ion Ratio Lower Upper
117 100
119 97.9 78.2 117.2
121 32.0 24.4 36.6





#39

Methylcyclohexane

Concen: 46.822 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 14911

Ion Ratio Lower Upper

83 100

55 73.4 64.6 97.0

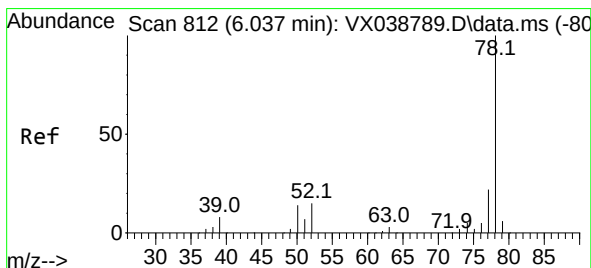
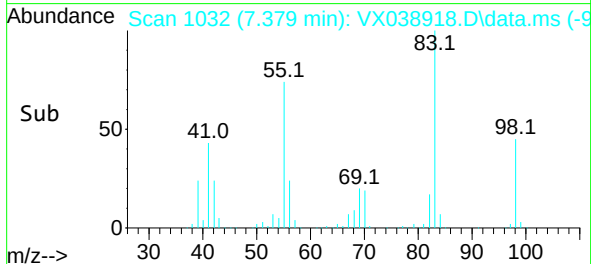
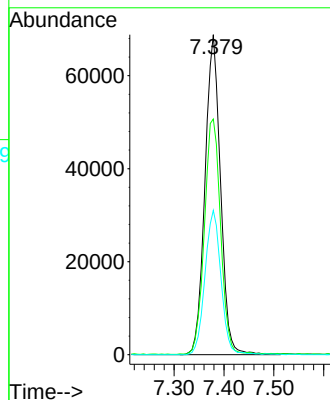
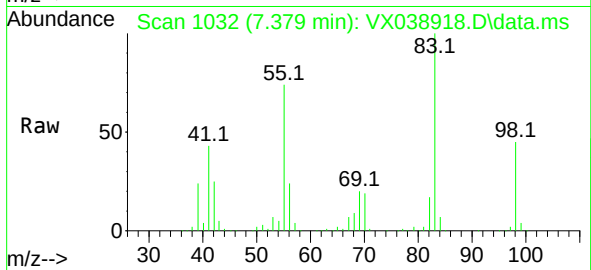
98 45.1 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#40

Benzene

Concen: 48.562 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX038918.D

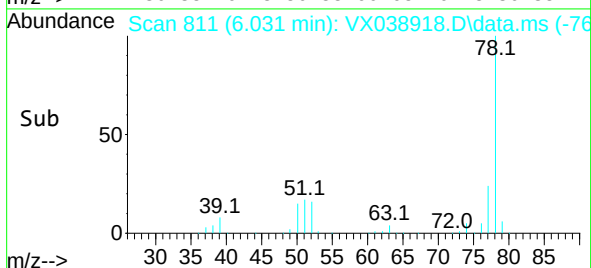
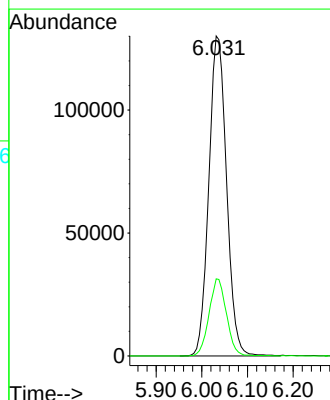
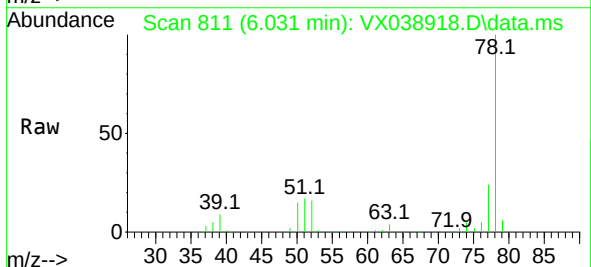
Acq: 18 Nov 2023 11:11

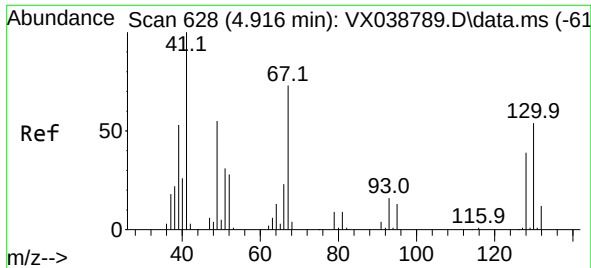
Tgt Ion: 78 Resp: 350684

Ion Ratio Lower Upper

78 100

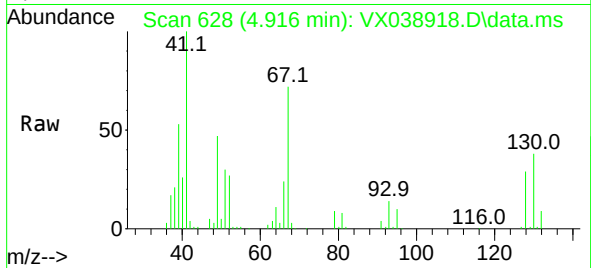
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 52.051 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

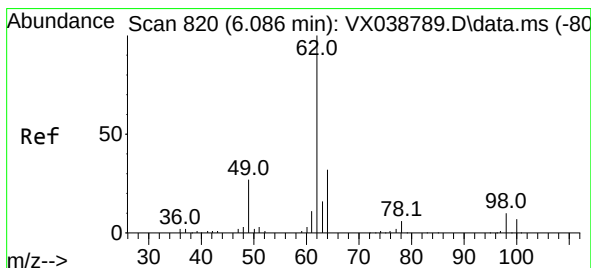
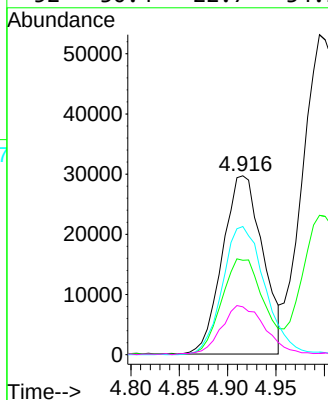
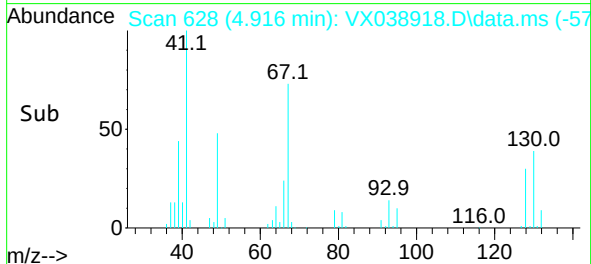
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



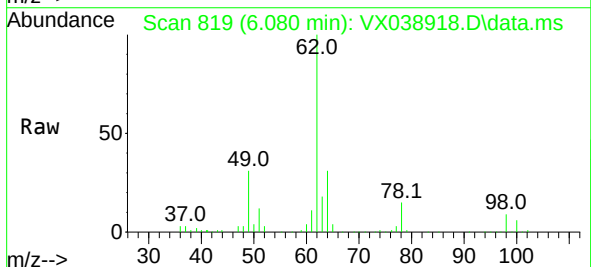
Tgt Ion: 41 Resp: 8587
Ion Ratio Lower Upper
41 100
39 56.6 45.2 67.8
67 76.4 52.6 78.8
52 30.4 22.7 34.1

Manual Integrations
APPROVED

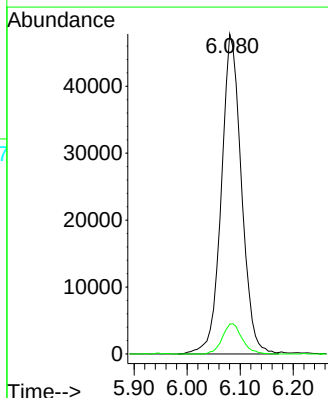
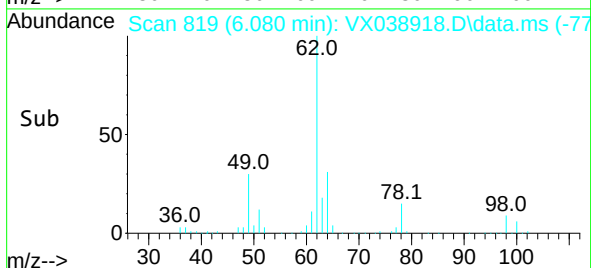
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

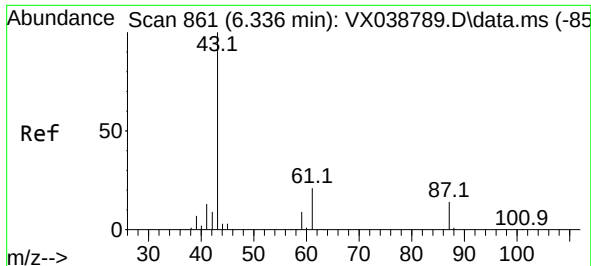


#42
1,2-Dichloroethane
Concen: 52.690 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11



Tgt Ion: 62 Resp: 126063
Ion Ratio Lower Upper
62 100
98 9.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 52.007 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

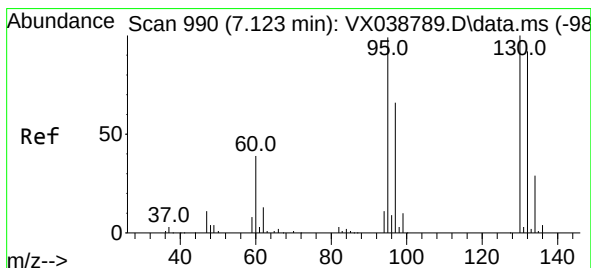
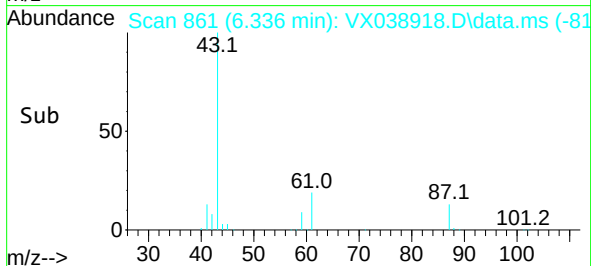
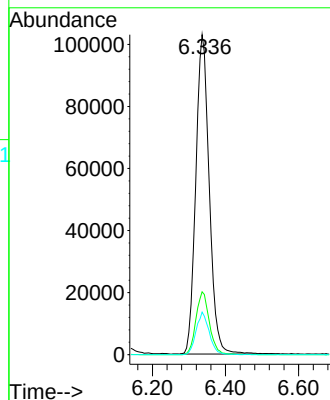
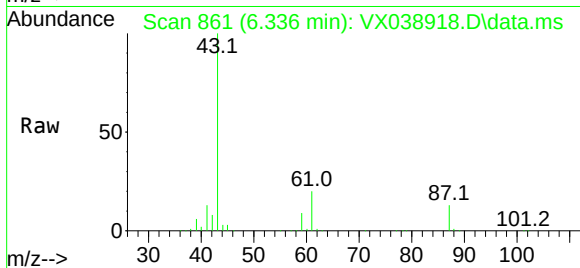
Tgt Ion: 43 Resp: 264384
 Ion Ratio Lower Upper
 43 100
 61 19.6 15.2 22.8
 87 12.9 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#44

Trichloroethene

Concen: 49.876 ug/l

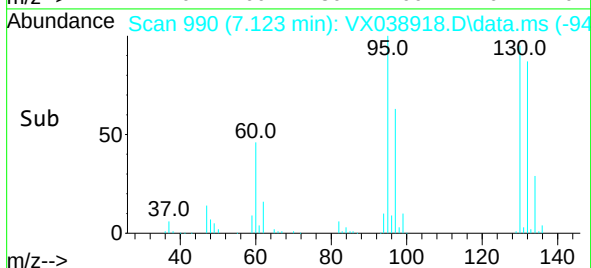
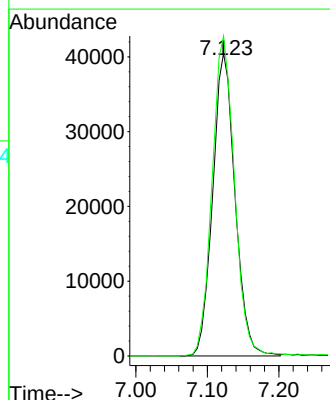
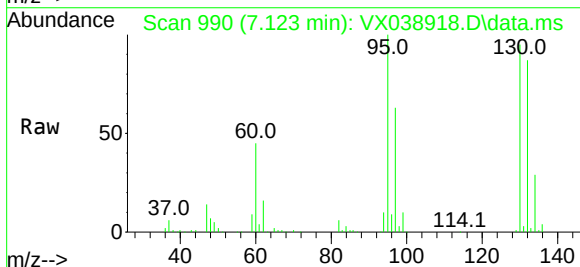
RT: 7.123 min Scan# 990

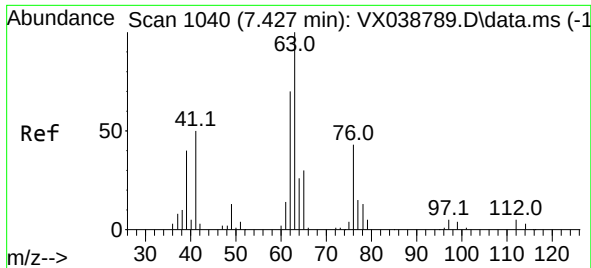
Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

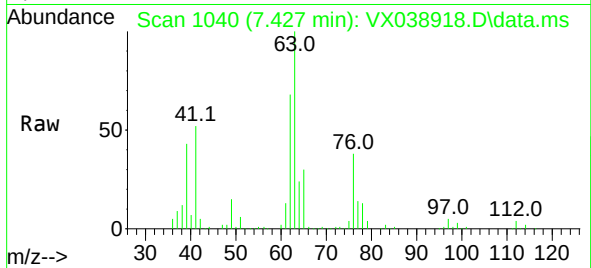
Tgt Ion:130 Resp: 87669
 Ion Ratio Lower Upper
 130 100
 95 105.7 0.0 204.4





#45
1,2-Dichloropropane
Concen: 50.154 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

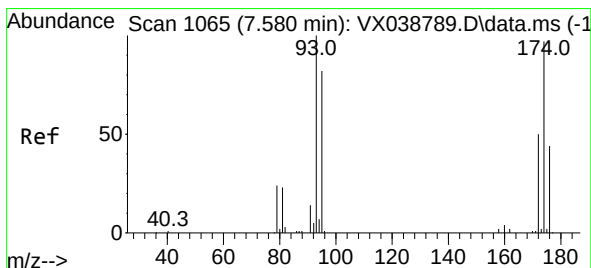
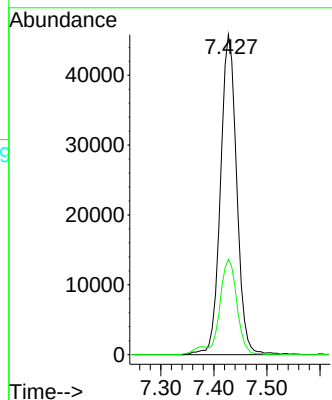
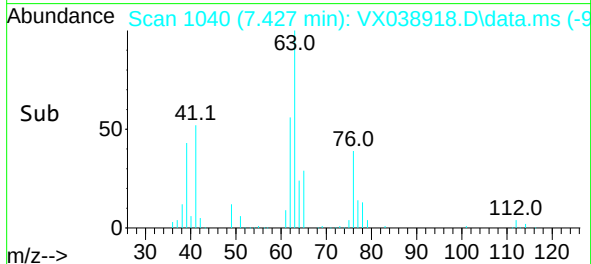
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 97460
Ion Ratio Lower Upper
63 100
65 29.9 24.3 36.5

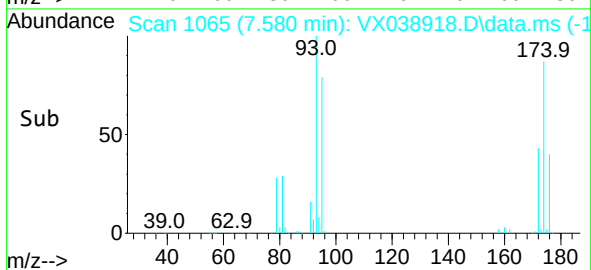
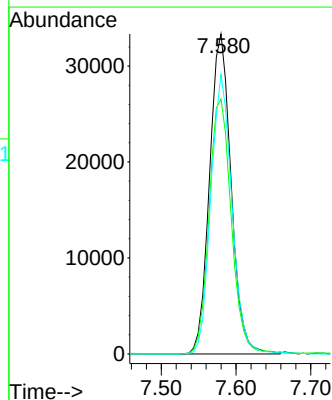
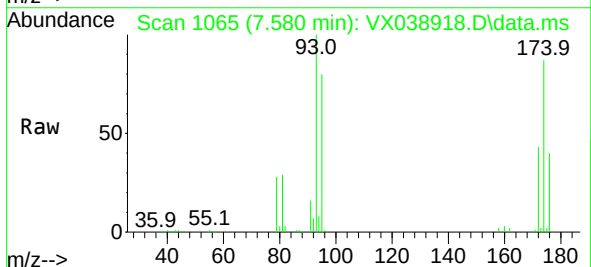
Manual Integrations
APPROVED

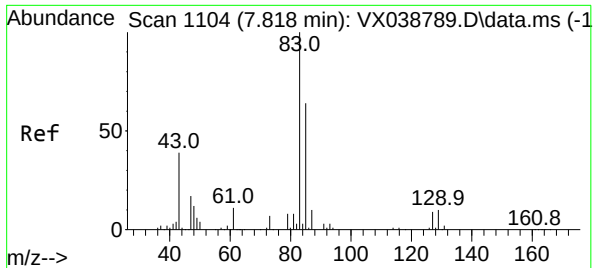
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#46
Dibromomethane
Concen: 51.536 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

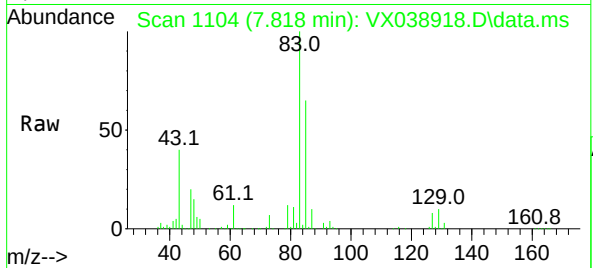
Tgt Ion: 93 Resp: 66788
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 85.9 69.4 104.0





#47
Bromodichloromethane
Concen: 50.884 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

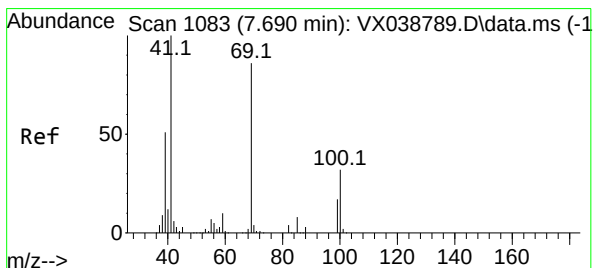
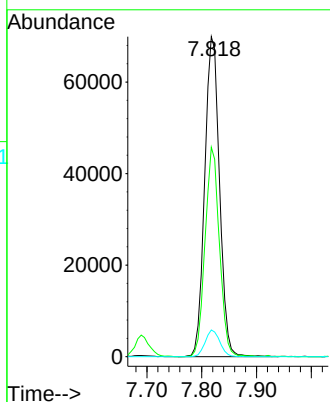
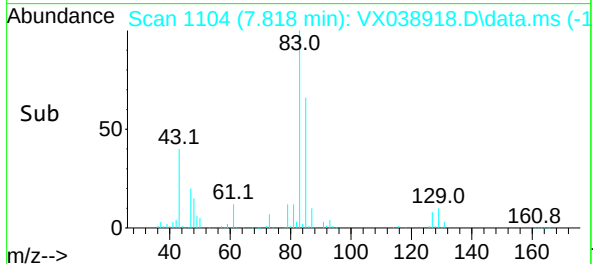
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 13088
Ion Ratio Lower Upper
83 100
85 65.5 49.8 74.6
127 8.4 7.1 10.7

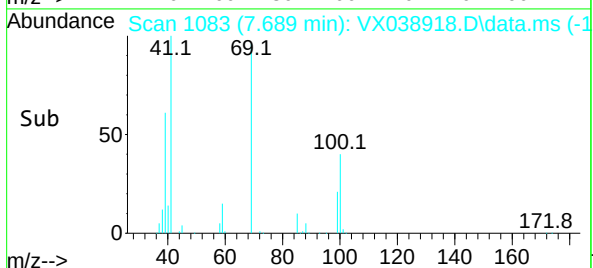
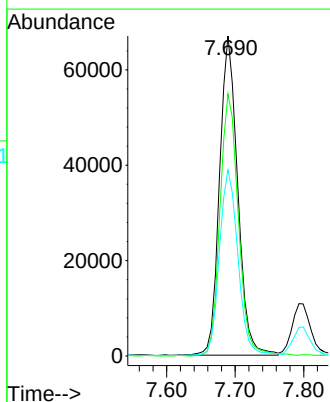
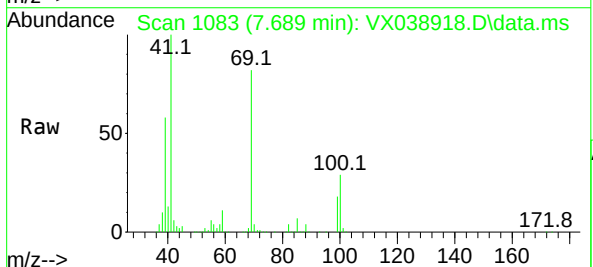
Manual Integrations
APPROVED

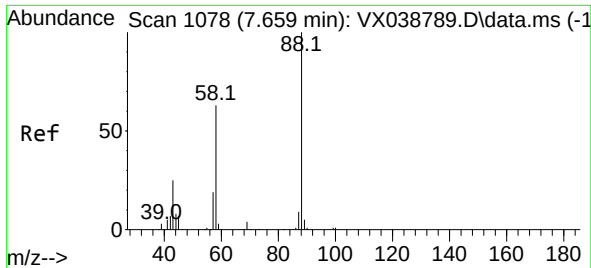
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#48
Methyl methacrylate
Concen: 49.739 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Tgt Ion: 41 Resp: 122683
Ion Ratio Lower Upper
41 100
69 83.4 59.2 88.8
39 59.3 47.7 71.5





#49

1,4-Dioxane

Concen: 1141.850 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5448

Ion Ratio Lower Upper

88 100

43 31.5 0.0 0.0

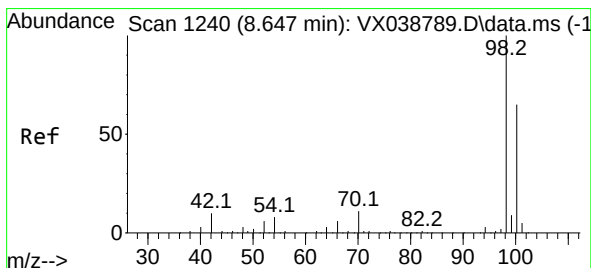
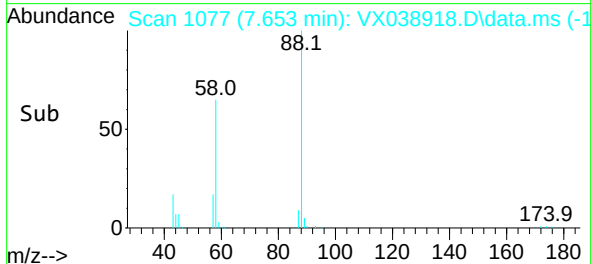
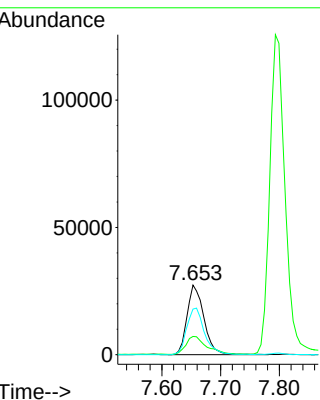
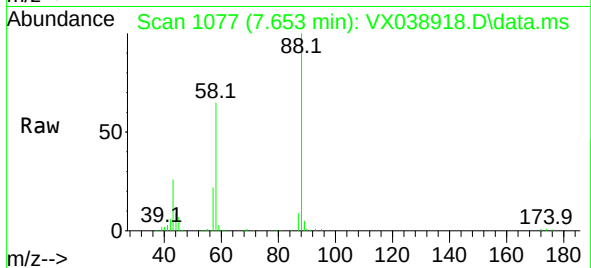
58 70.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#50

Toluene-d8

Concen: 46.618 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX038918.D

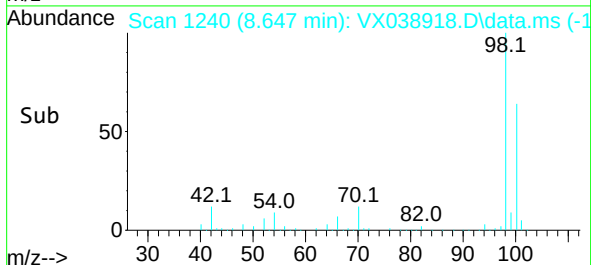
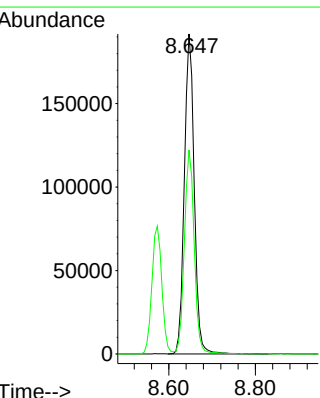
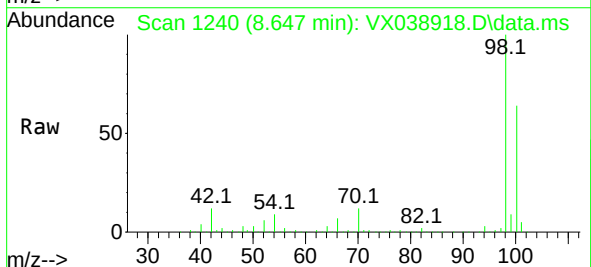
Acq: 18 Nov 2023 11:11

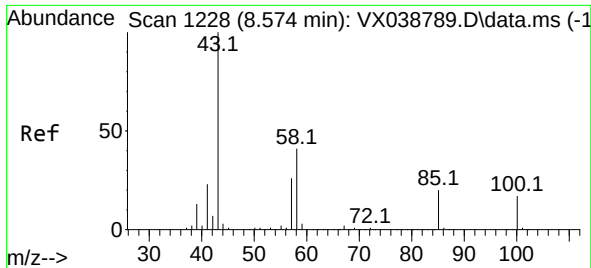
Tgt Ion: 98 Resp: 303842

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7





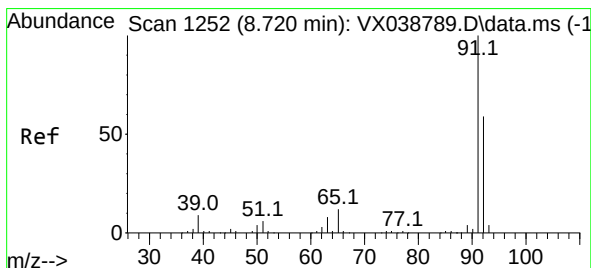
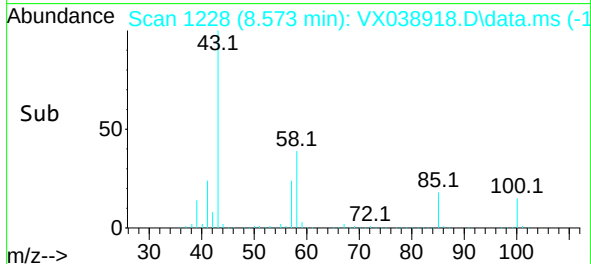
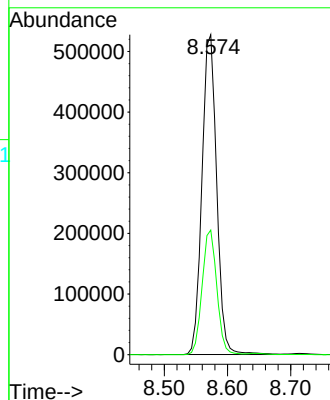
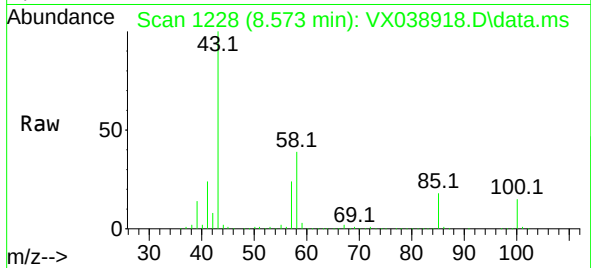
#51
4-Methyl-2-Pentanone
Concen: 263.727 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 856770
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

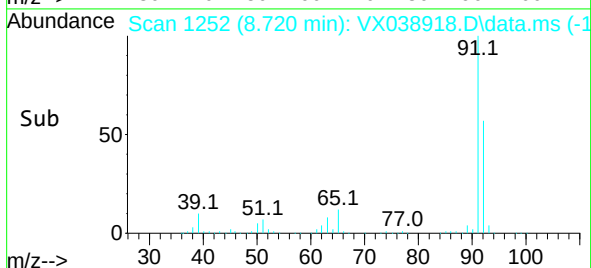
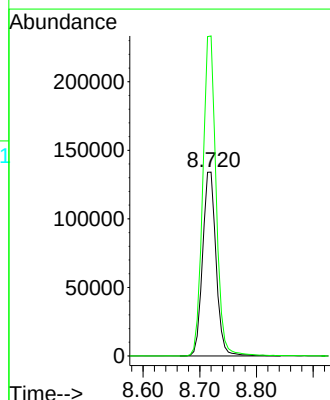
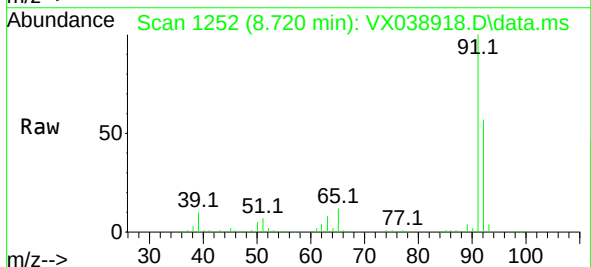
Manual Integrations
APPROVED

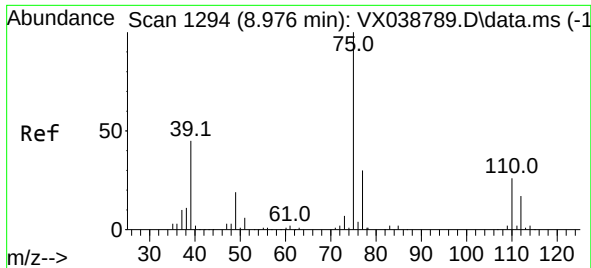
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 49.403 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Tgt Ion: 92 Resp: 221386
Ion Ratio Lower Upper
92 100
91 172.4 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 50.050 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

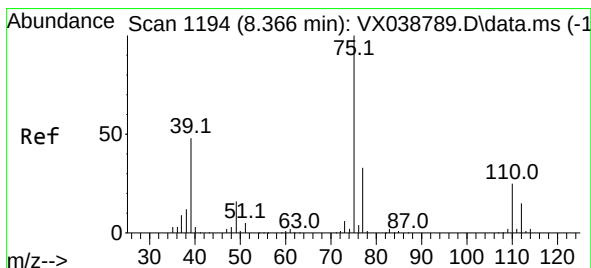
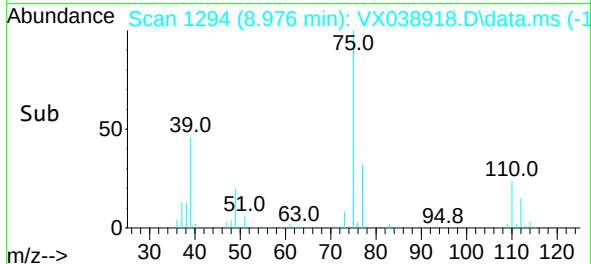
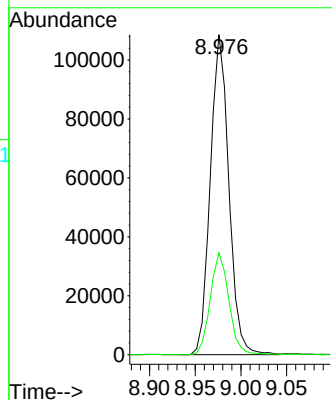
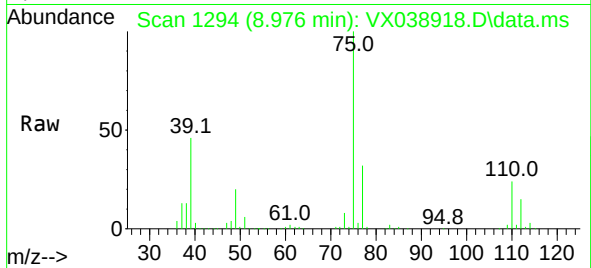
VSTDCCC050

Tgt Ion: 75 Resp: 15298
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5

Manual Integrations

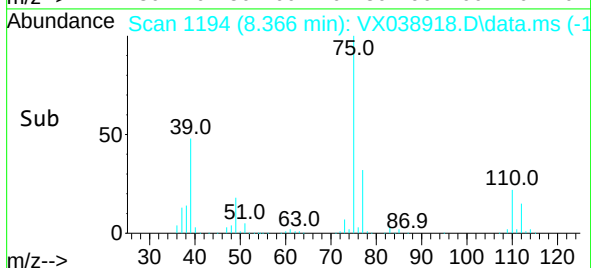
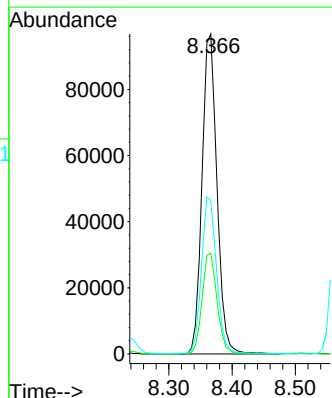
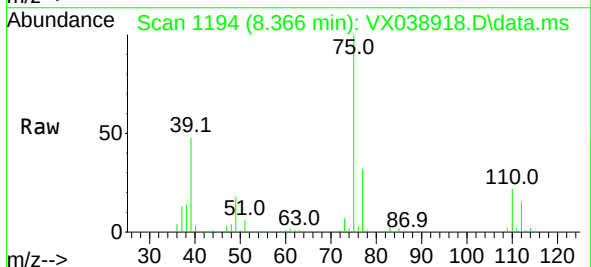
APPROVED

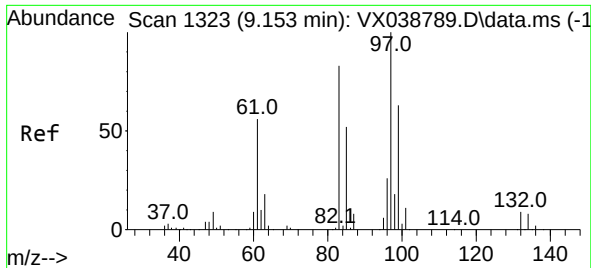
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#54
cis-1,3-Dichloropropene
Concen: 50.507 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

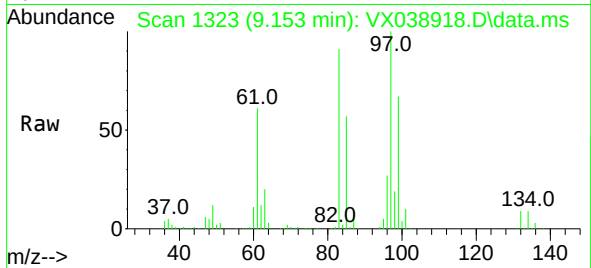
Tgt Ion: 75 Resp: 159470
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 47.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.372 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

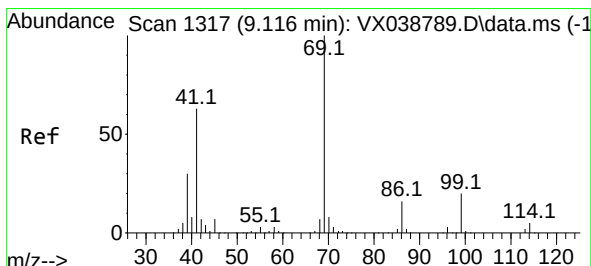
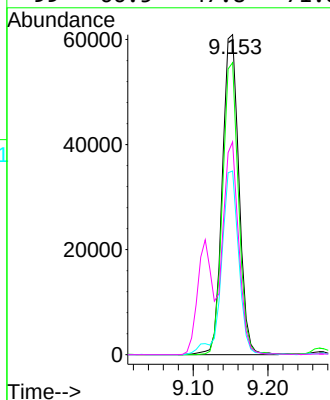
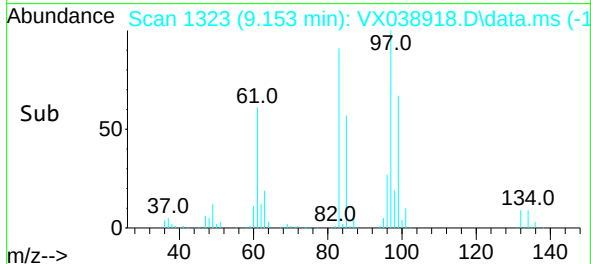
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



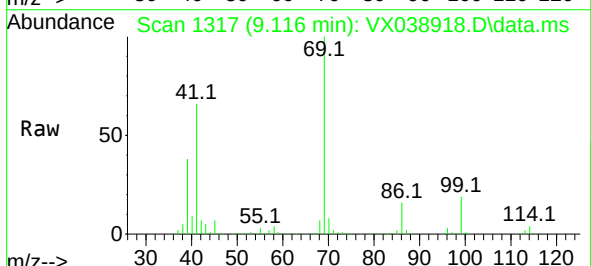
Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.2	65.8	98.8
85	57.4	41.6	62.4
99	66.5	47.8	71.8

Manual Integrations
APPROVED

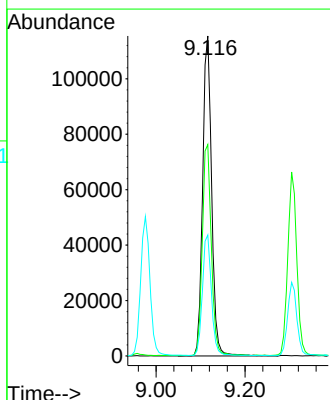
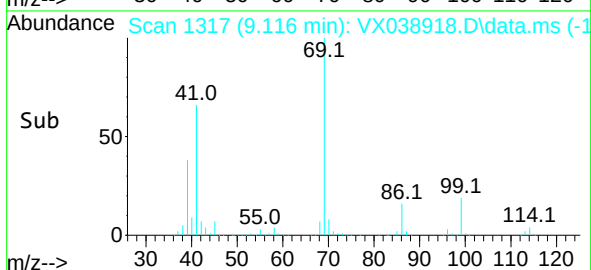
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

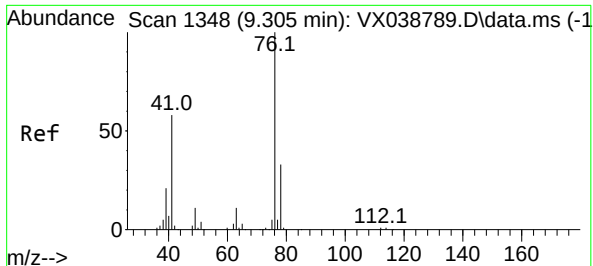


#56
Ethyl methacrylate
Concen: 51.775 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11



Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.2	56.8	85.2
39	37.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.068 ug/l

RT: 9.305 min Scan# 11792

Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 15792

Ion Ratio Lower Upper

76 100

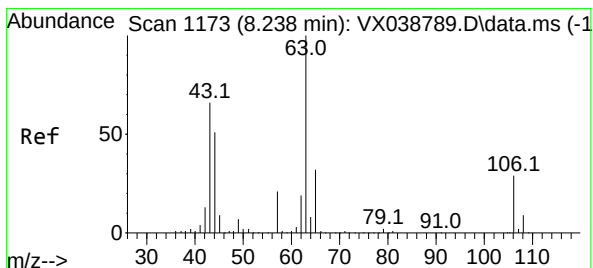
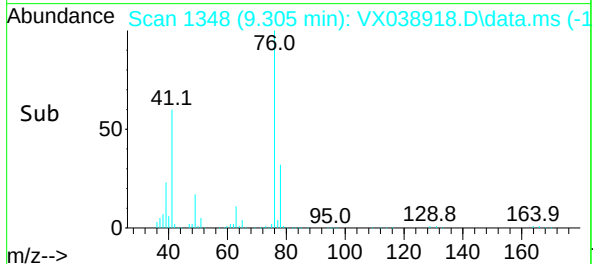
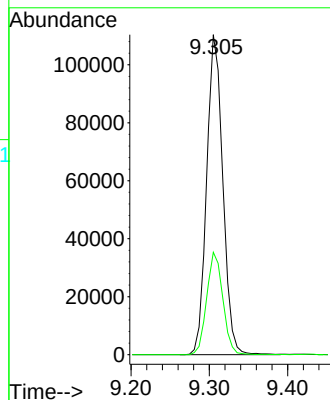
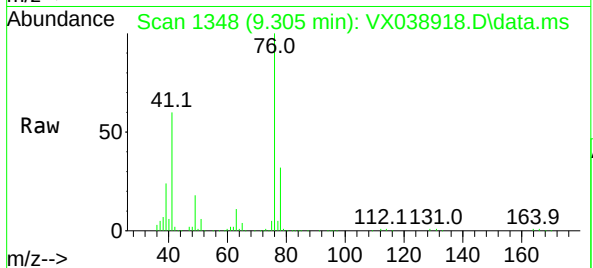
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 253.652 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX038918.D

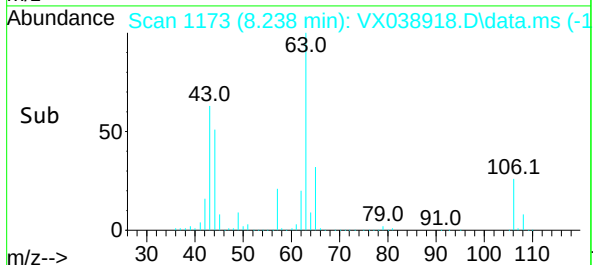
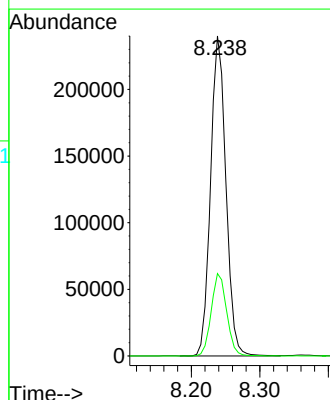
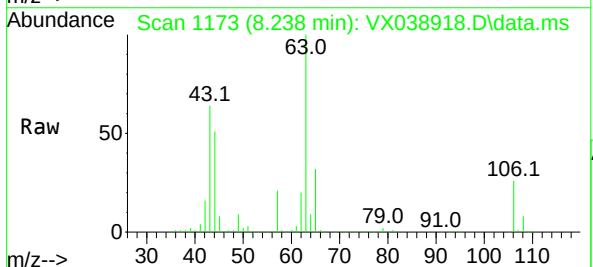
Acq: 18 Nov 2023 11:11

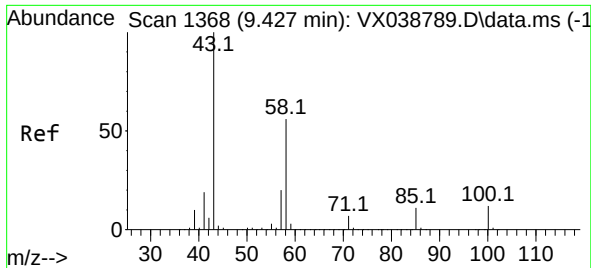
Tgt Ion: 63 Resp: 373824

Ion Ratio Lower Upper

63 100

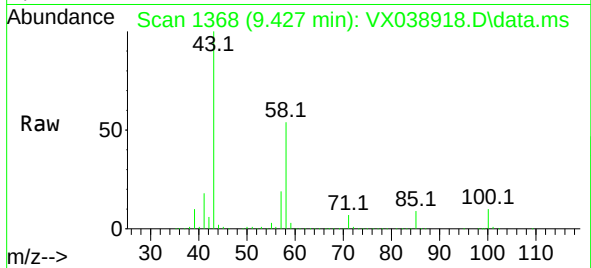
106 25.8 22.5 33.7





#59
2-Hexanone
Concen: 270.516 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

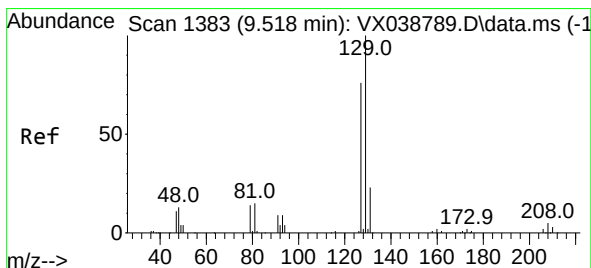
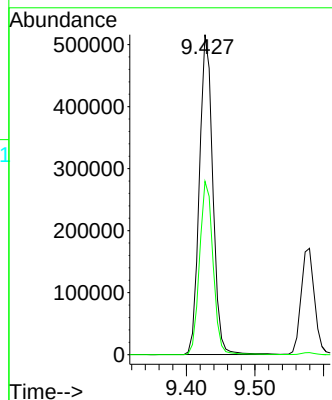
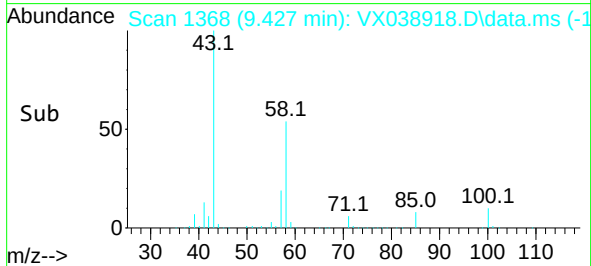
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 704409
Ion Ratio Lower Upper
43 100
58 54.6 26.2 78.5

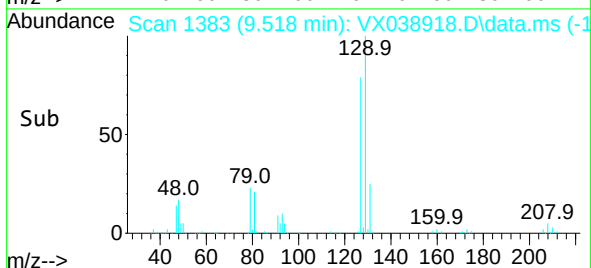
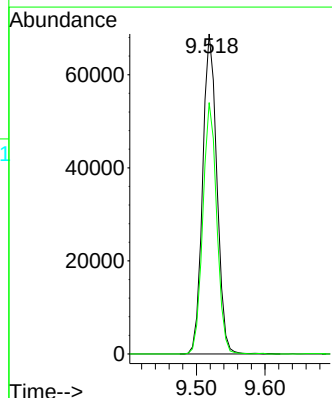
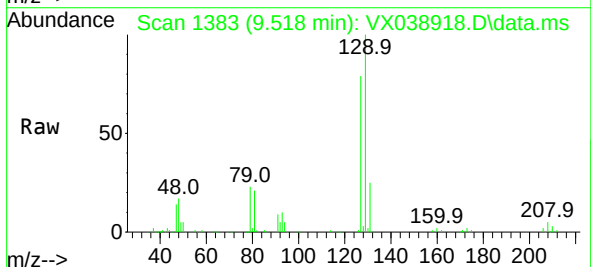
Manual Integrations
APPROVED

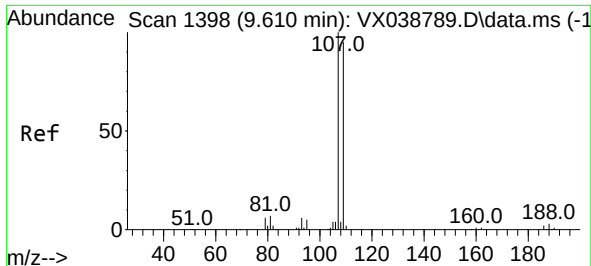
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 52.359 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

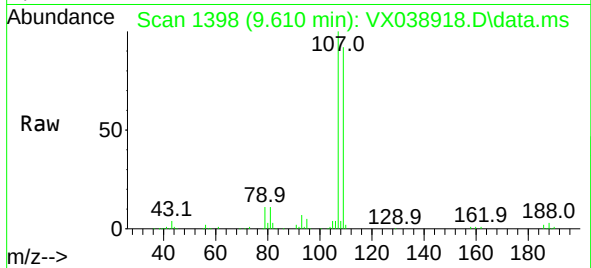
Tgt Ion:129 Resp: 99545
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.152 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

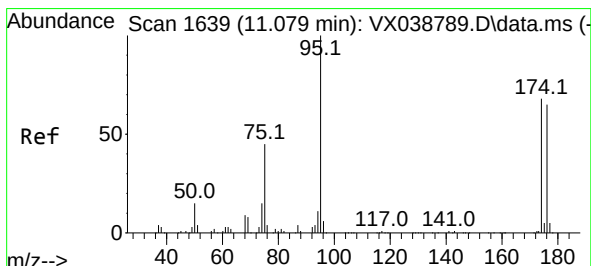
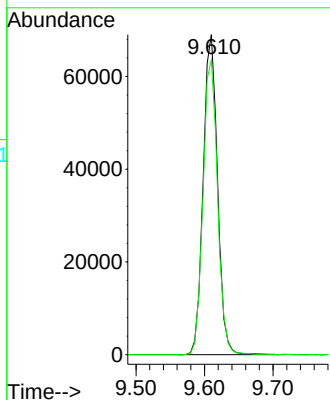
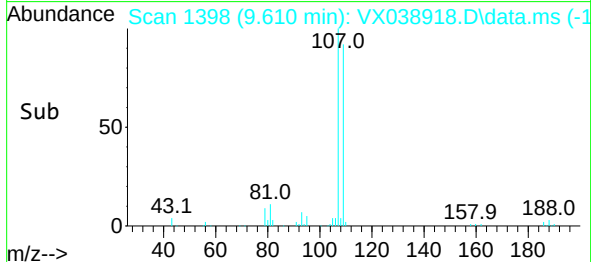
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



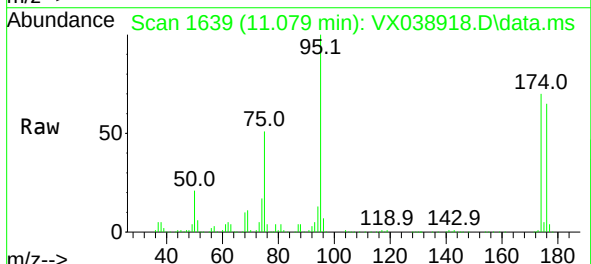
Tgt Ion:107 Resp: 100364
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8

Manual Integrations
APPROVED

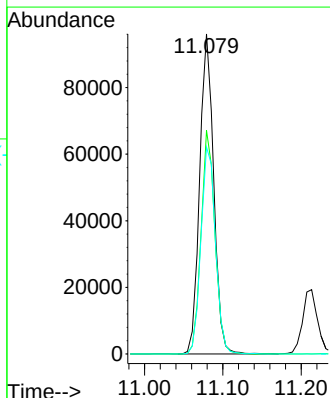
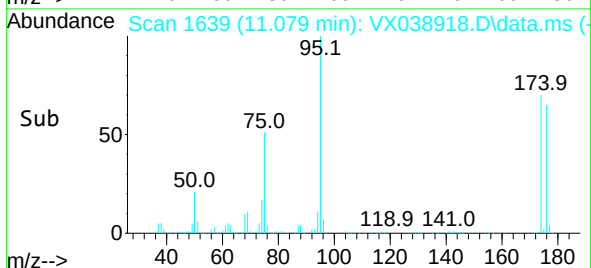
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

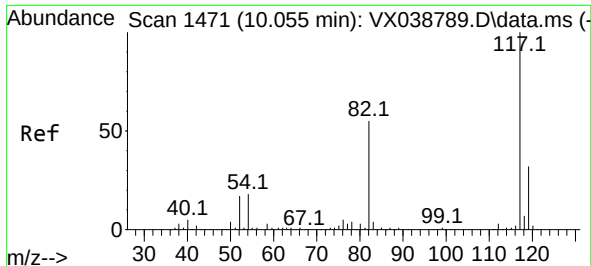


#62
4-Bromofluorobenzene
Concen: 45.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11



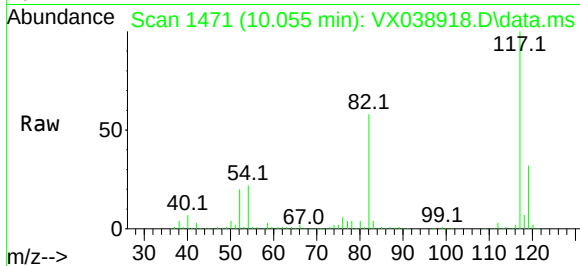
Tgt Ion: 95 Resp: 119469
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.6
176 66.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

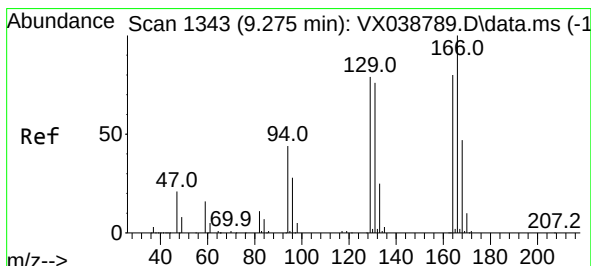
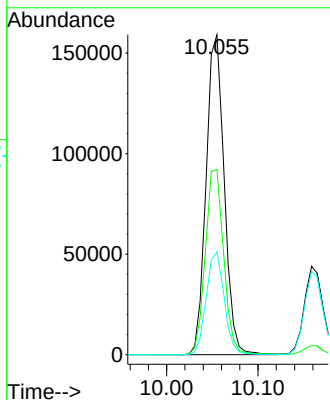
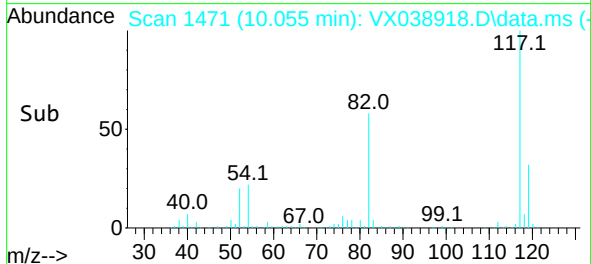
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 21864
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 32.1 25.5 38.3

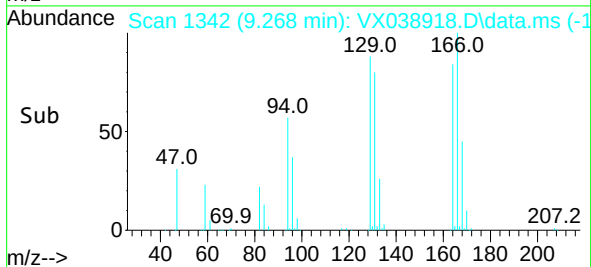
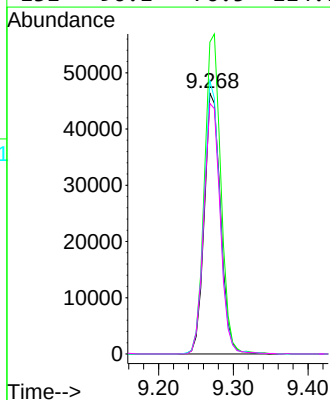
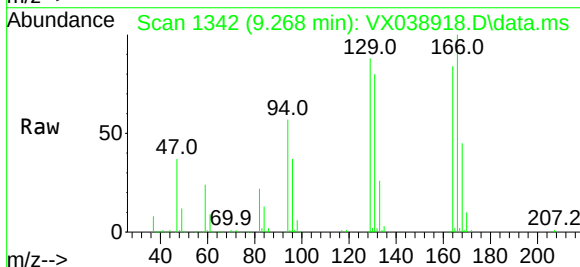
Manual Integrations
APPROVED

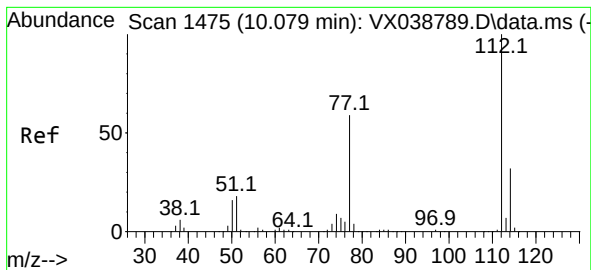
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 51.300 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

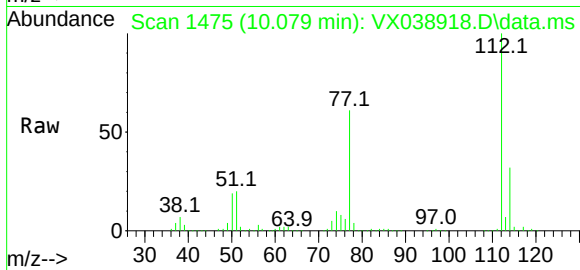
Tgt Ion:164 Resp: 69721
Ion Ratio Lower Upper
164 100
166 119.6 102.7 154.1
129 104.7 80.4 120.6
131 96.1 76.5 114.7





#65
Chlorobenzene
Concen: 49.751 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

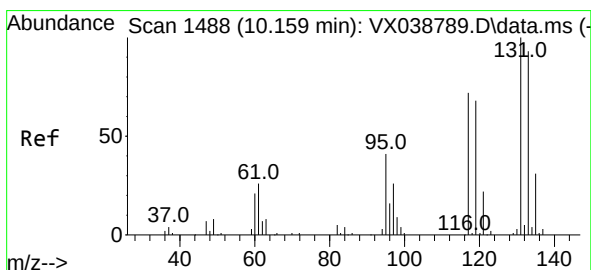
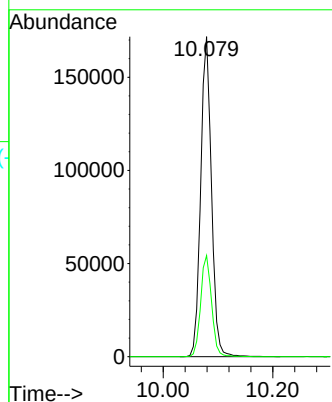
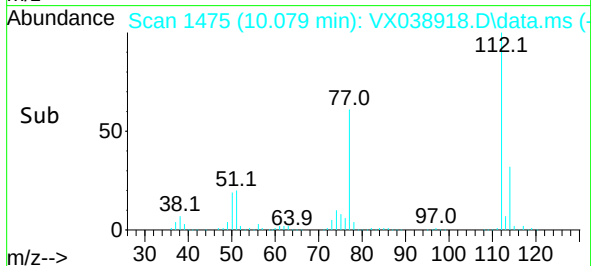
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 23432
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

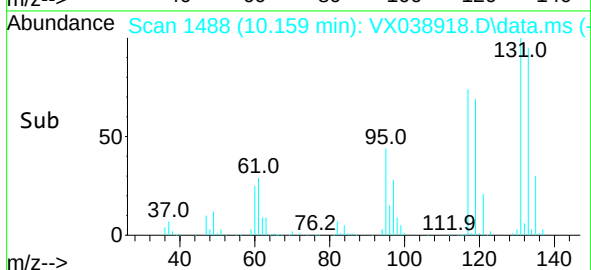
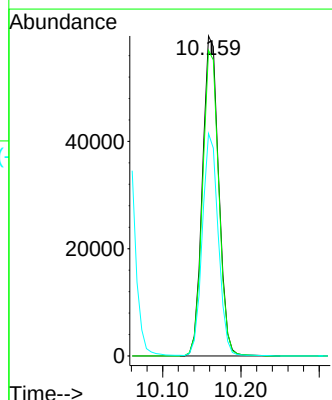
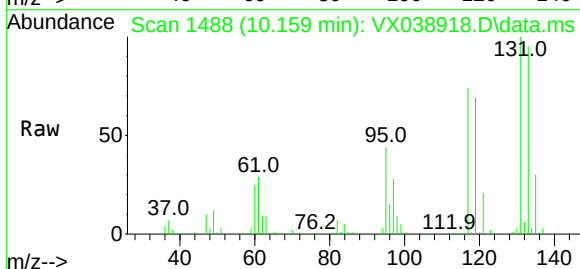
Manual Integrations
APPROVED

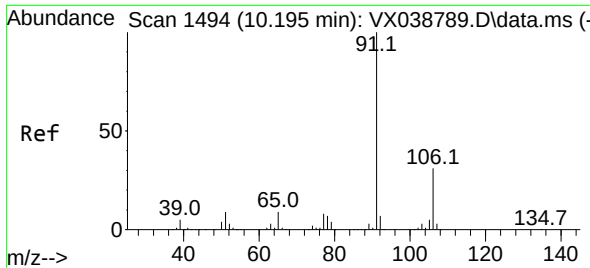
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.663 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

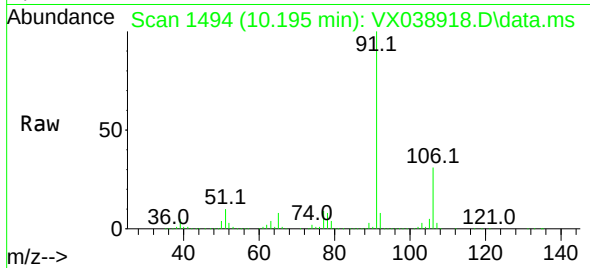
Tgt Ion:131 Resp: 85835
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 68.3 32.2 96.6





#67
Ethyl Benzene
Concen: 50.224 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

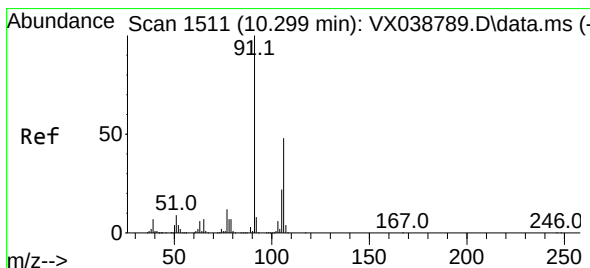
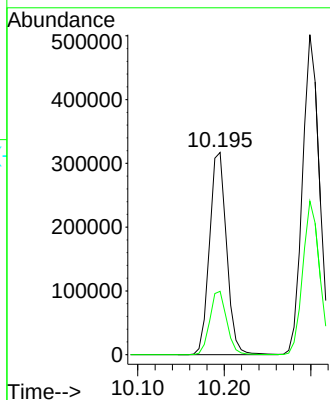
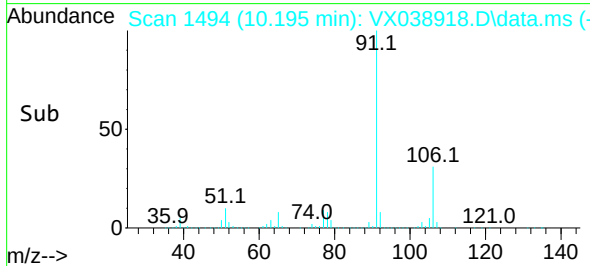
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



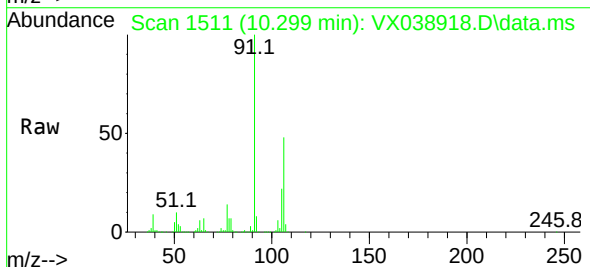
Tgt Ion: 91 Resp: 434609
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

Manual Integrations
APPROVED

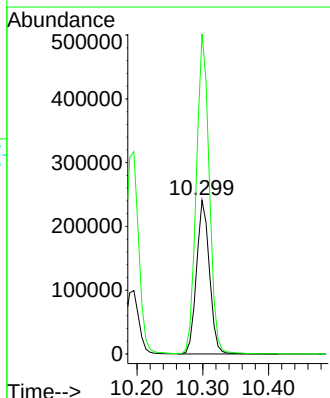
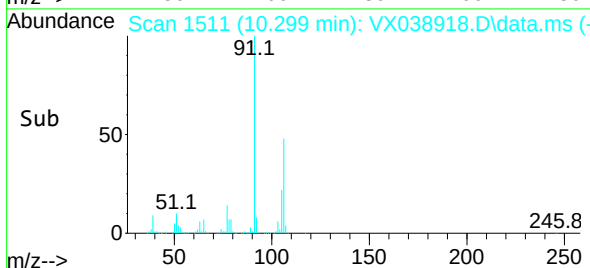
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

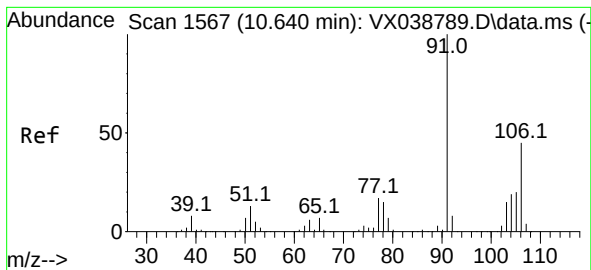


#68
m/p-Xylenes
Concen: 100.018 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11



Tgt Ion:106 Resp: 327394
Ion Ratio Lower Upper
106 100
91 208.8 165.5 248.3





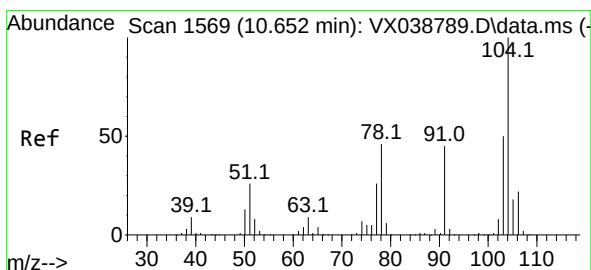
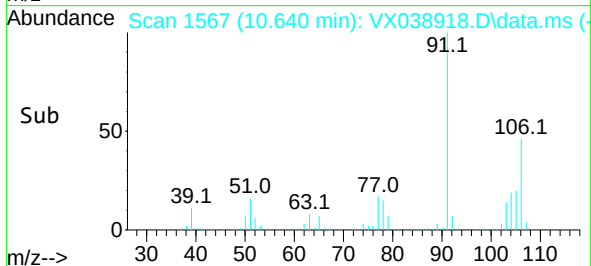
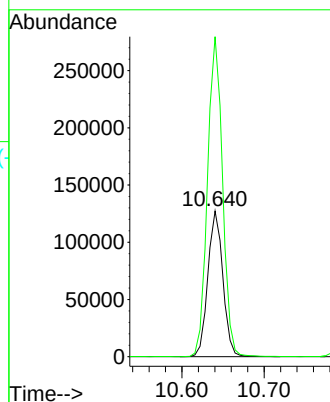
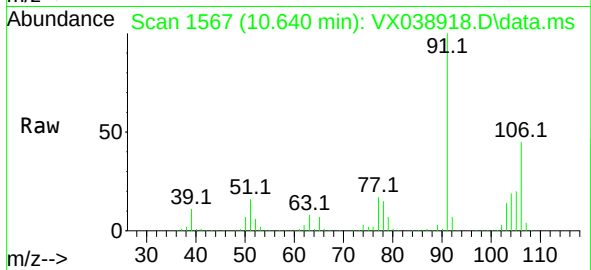
#69
o-Xylene
Concen: 49.798 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 161294
Ion Ratio Lower Upper
106 100
91 220.3 108.9 326.8

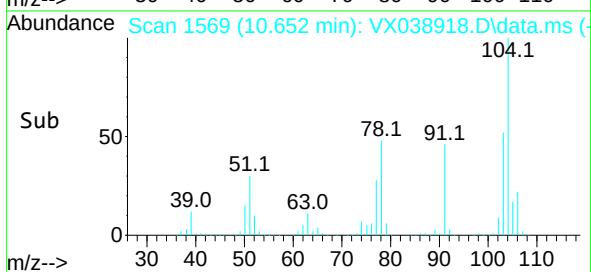
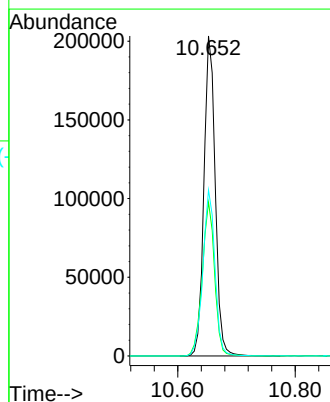
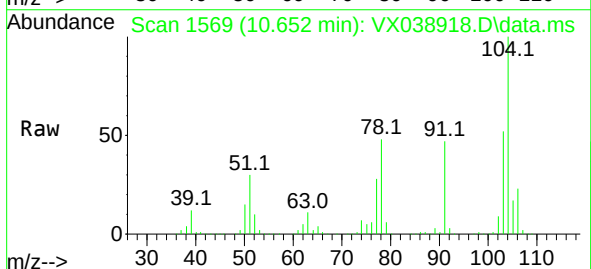
Manual Integrations
APPROVED

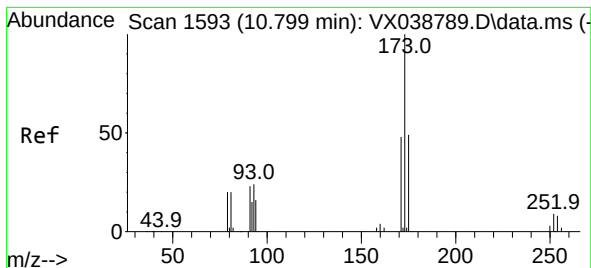
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 49.729 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Tgt Ion:104 Resp: 272025
Ion Ratio Lower Upper
104 100
78 52.6 43.6 65.4
103 55.7 43.6 65.4





#71

Bromoform

Concen: 53.419 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

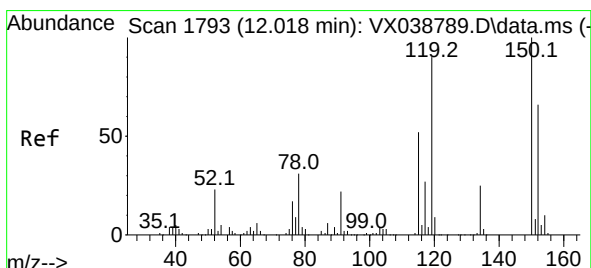
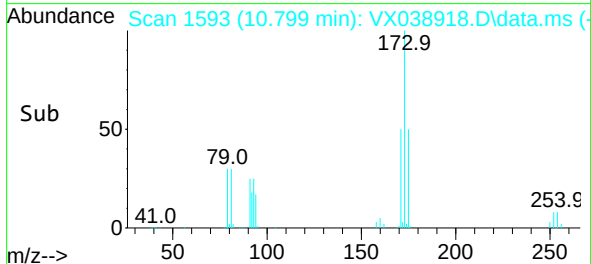
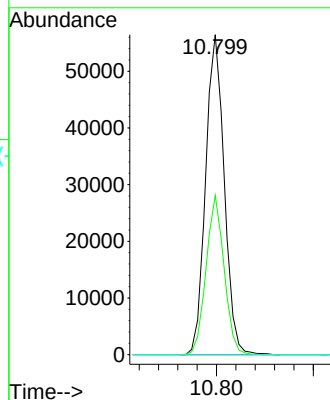
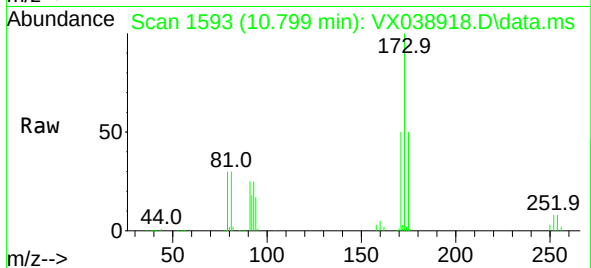
Tgt Ion:173 Resp: 75449
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

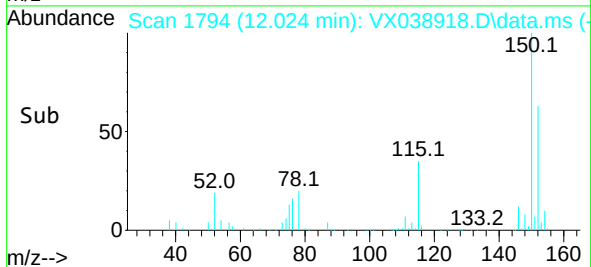
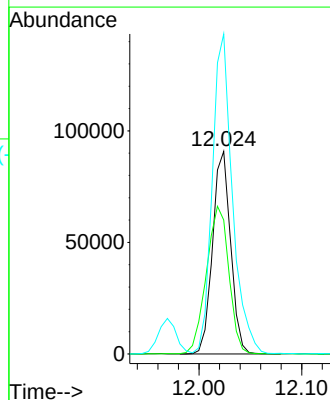
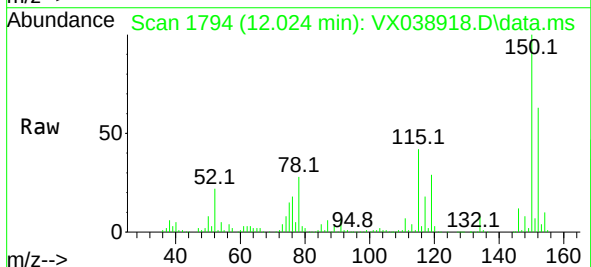
RT: 12.024 min Scan# 1794

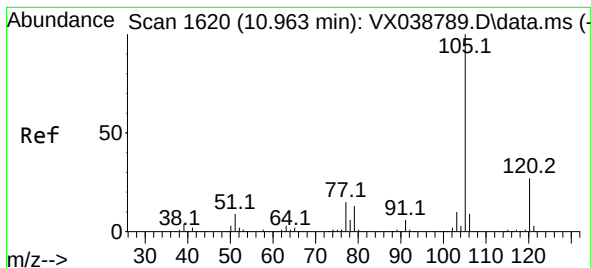
Delta R.T. 0.006 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Tgt Ion:152 Resp: 110769
 Ion Ratio Lower Upper
 152 100
 115 91.3 43.3 129.9
 150 176.1 0.0 345.0





#73

Isopropylbenzene

Concen: 48.947 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 42243

Ion Ratio Lower Upper

105 100

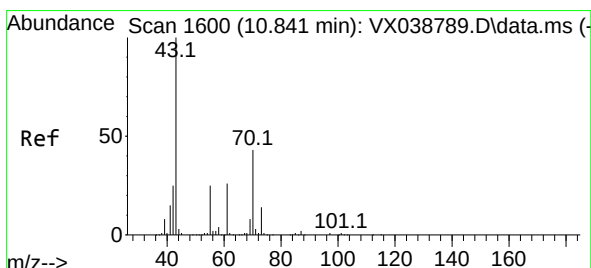
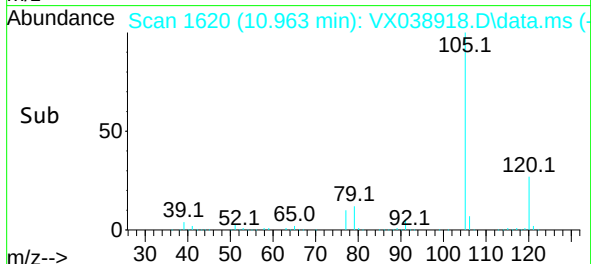
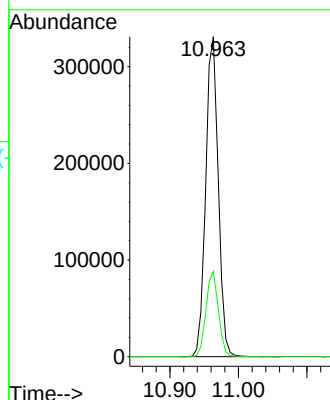
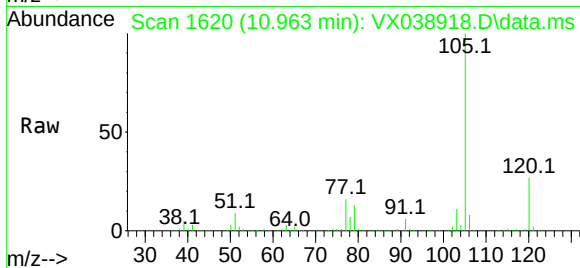
120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#74

N-ethyl acetate

Concen: 50.226 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Tgt Ion: 43 Resp: 229140

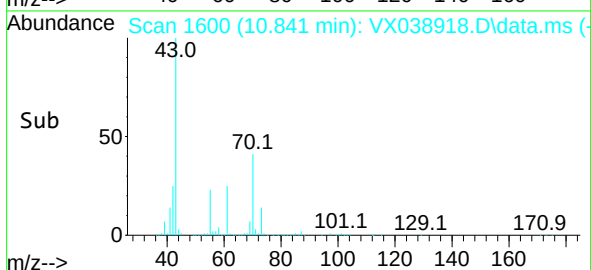
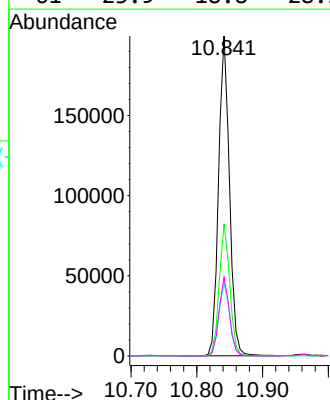
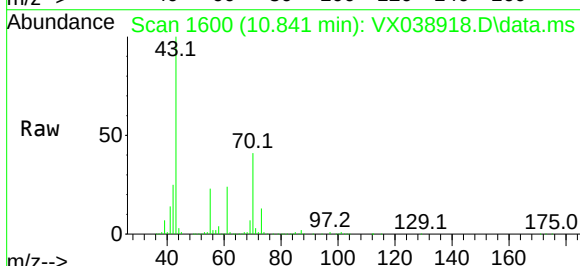
Ion Ratio Lower Upper

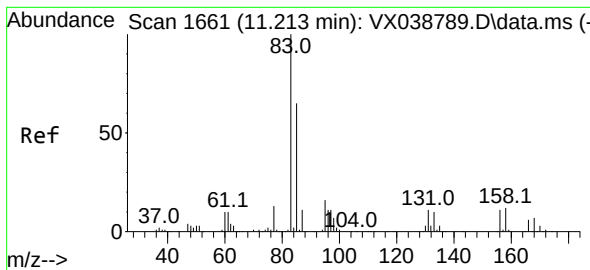
43 100

70 40.2 32.9 49.3

55 22.9 19.3 28.9

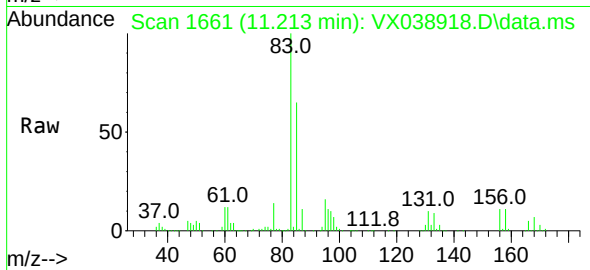
61 23.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.062 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

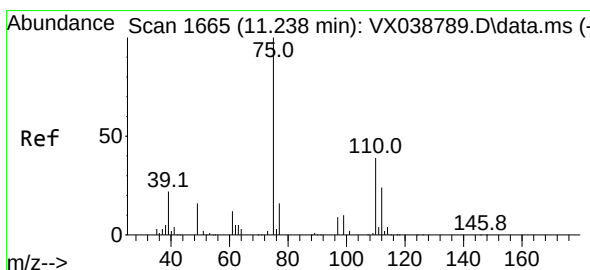
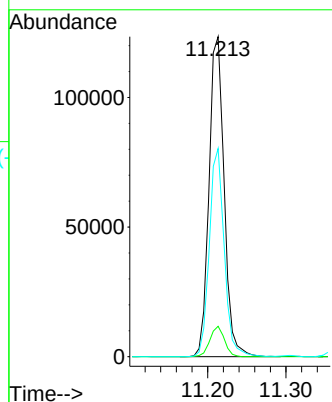
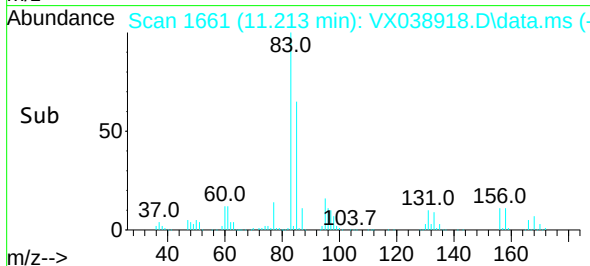
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



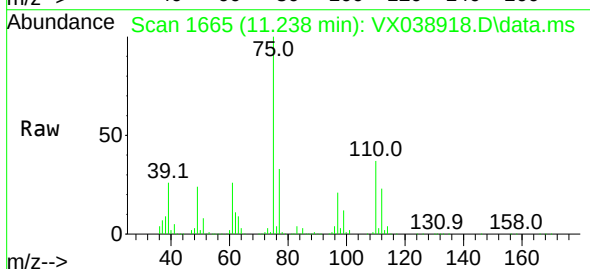
Tgt Ion: 83 Resp: 165290
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.8
85 64.1 32.0 96.2

Manual Integrations
APPROVED

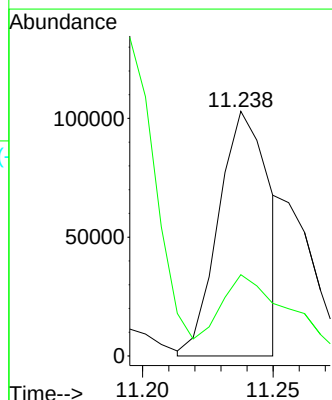
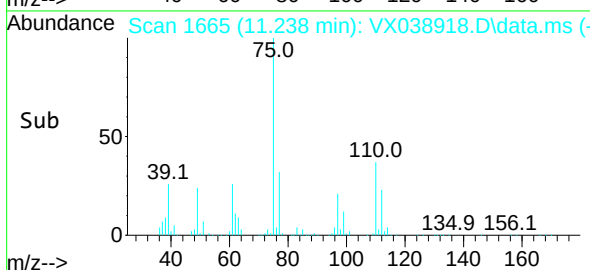
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

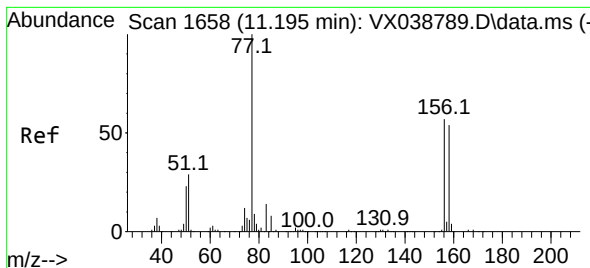


#76
1,2,3-Trichloropropane
Concen: 50.278 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11



Tgt Ion: 75 Resp: 138952
Ion Ratio Lower Upper
75 100
77 45.3 19.1 57.5





#77

Bromobenzene

Concen: 48.889 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

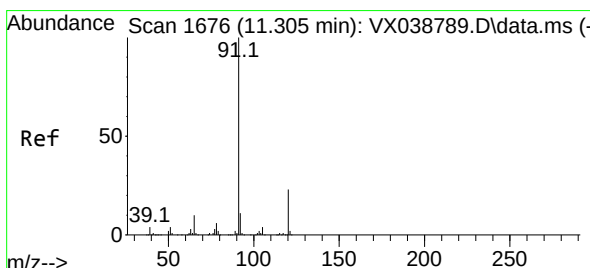
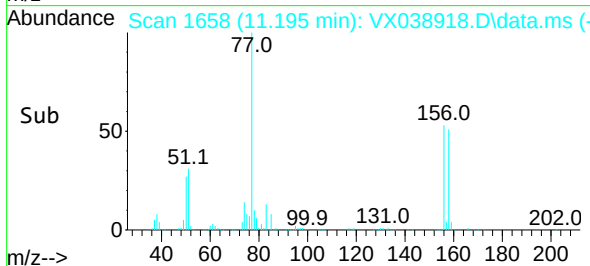
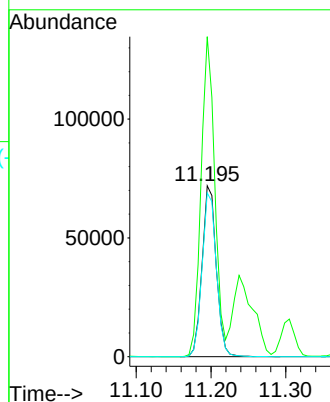
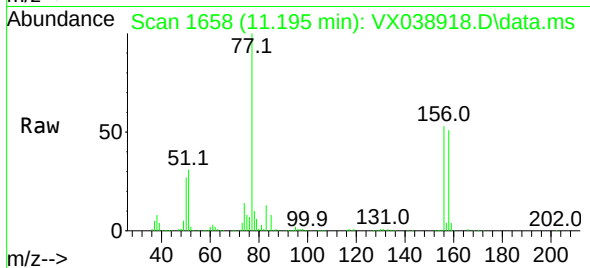
Tgt Ion:	156	Resp:	94808
Ion Ratio	Lower	Upper	
156	100		
77	180.7	88.4	265.3
158	96.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 49.205 ug/l

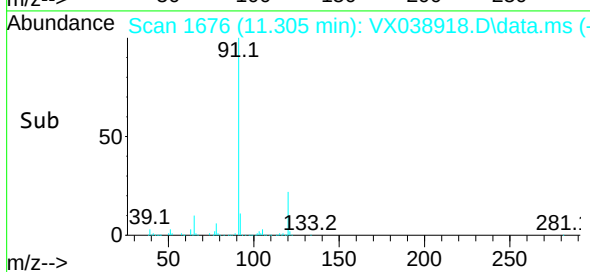
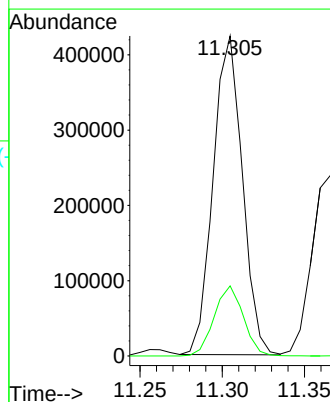
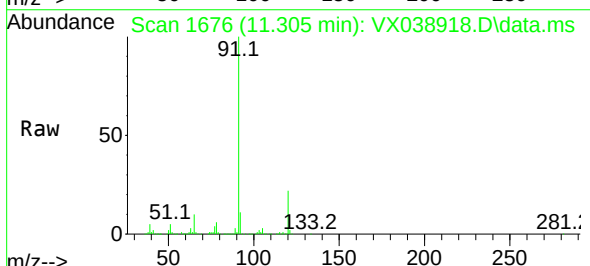
RT: 11.305 min Scan# 1676

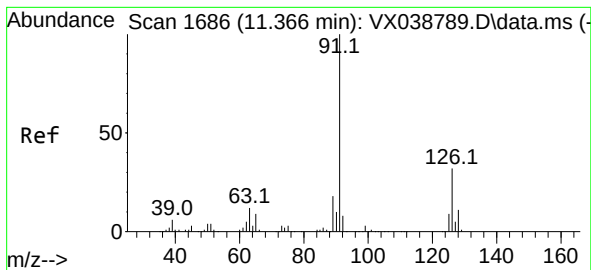
Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Tgt Ion:	91	Resp:	522716
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.5	34.4





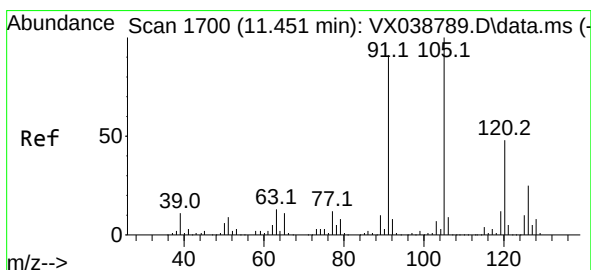
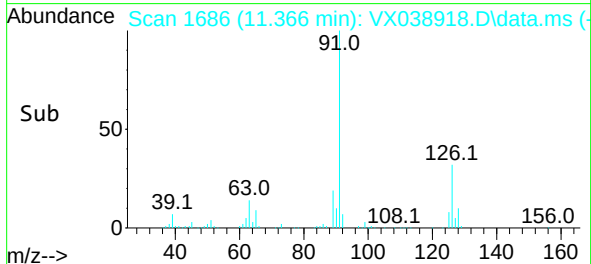
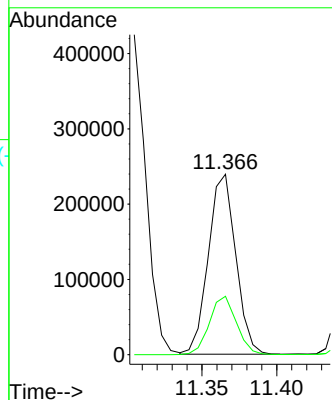
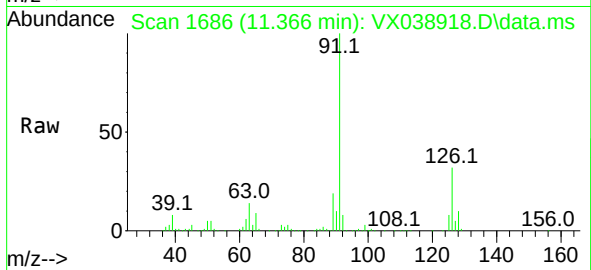
#79
2-Chlorotoluene
Concen: 48.282 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 304394
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

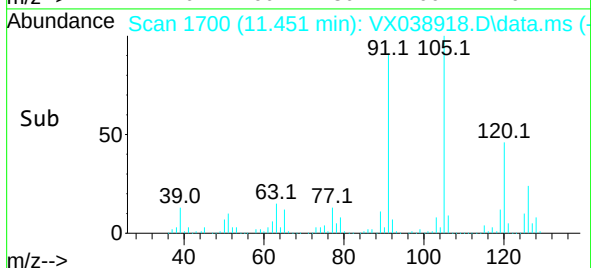
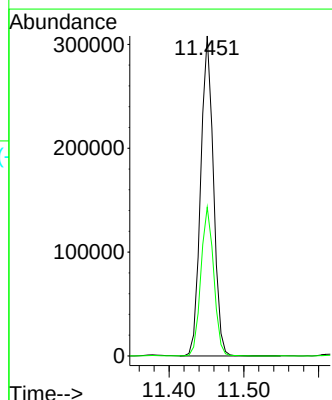
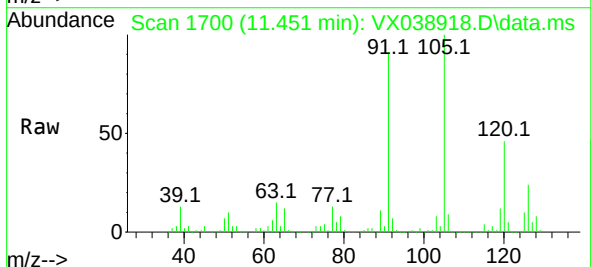
Manual Integrations
APPROVED

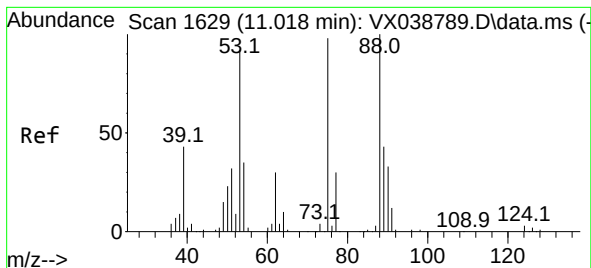
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.228 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Tgt Ion:105 Resp: 364488
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3





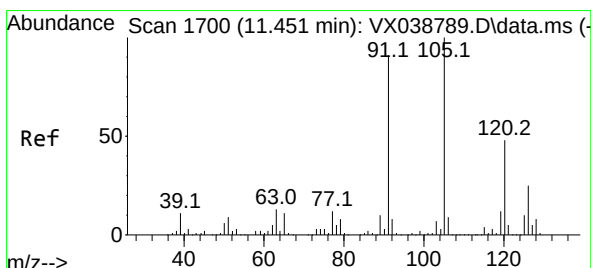
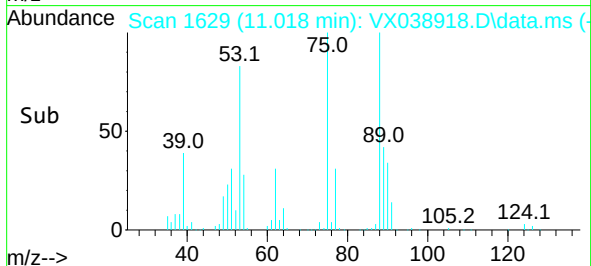
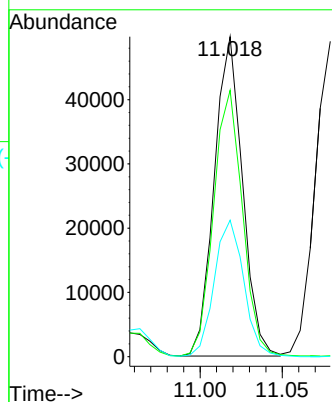
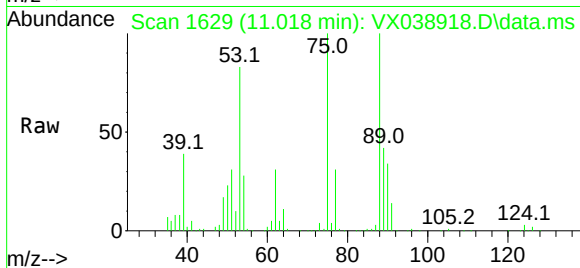
#81
trans-1,4-Dichloro-2-butene
Concen: 47.607 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 59317
Ion Ratio Lower Upper
75 100
53 86.2 90.5 135.7
89 44.7 36.9 55.3

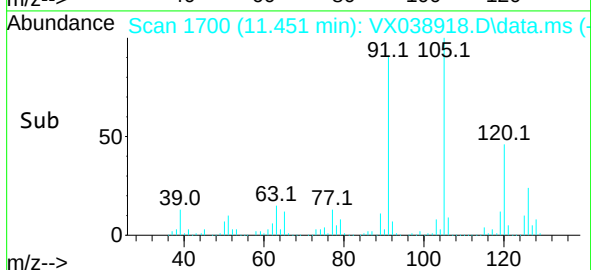
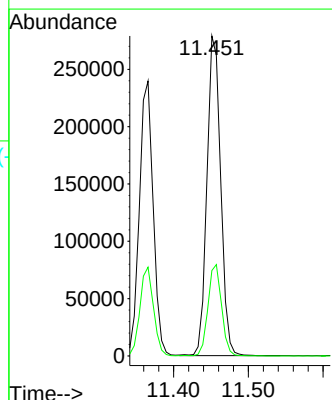
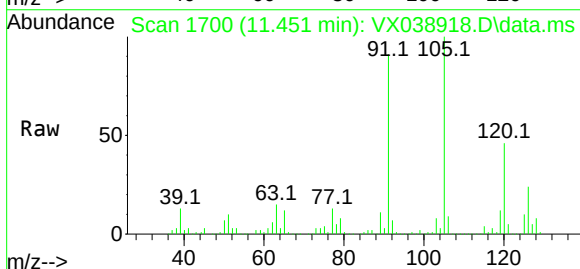
Manual Integrations
APPROVED

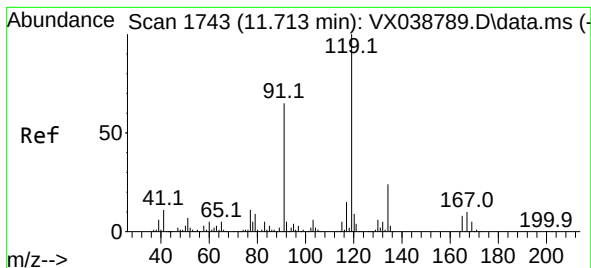
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 48.876 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Tgt Ion: 91 Resp: 355300
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.650 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 354838

Ion Ratio Lower Upper

119 100

91 61.6 31.2 93.6

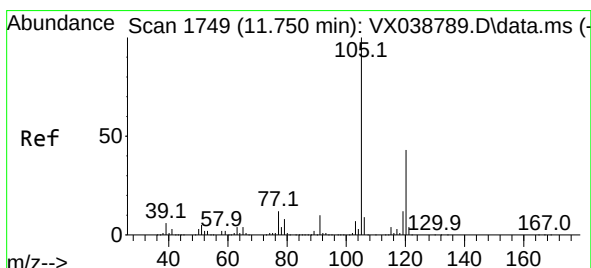
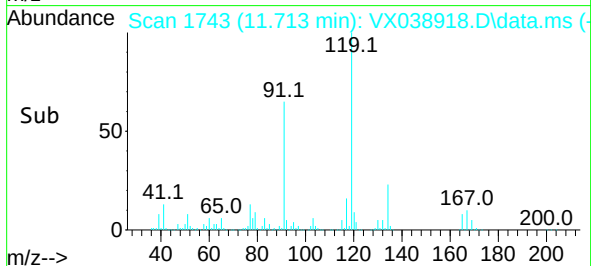
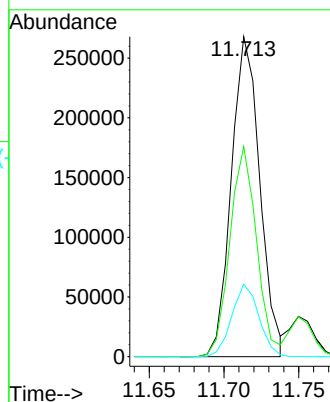
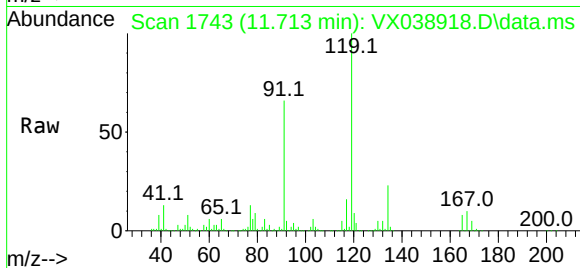
134 21.7 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.556 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038918.D

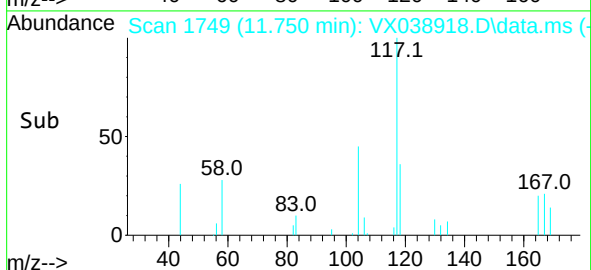
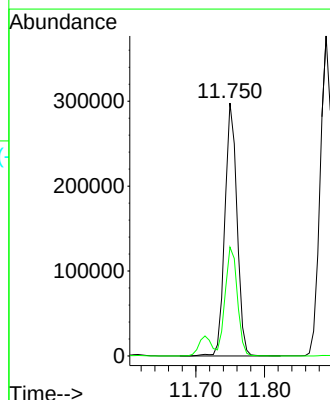
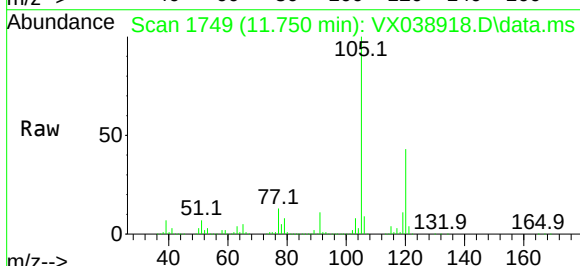
Acq: 18 Nov 2023 11:11

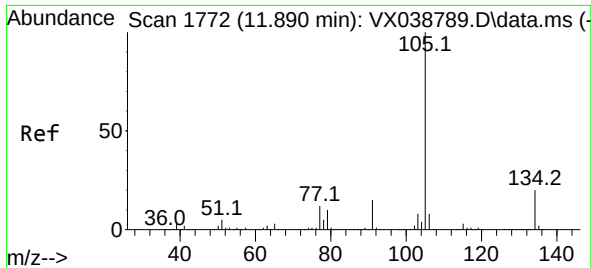
Tgt Ion:105 Resp: 363987

Ion Ratio Lower Upper

105 100

120 43.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 49.549 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038918.D
 Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

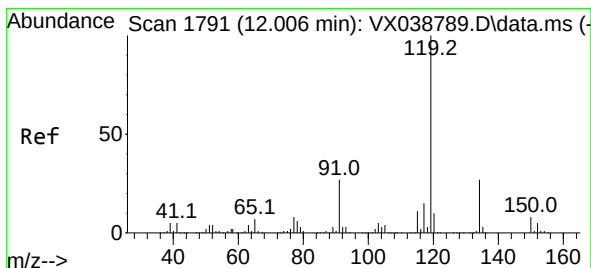
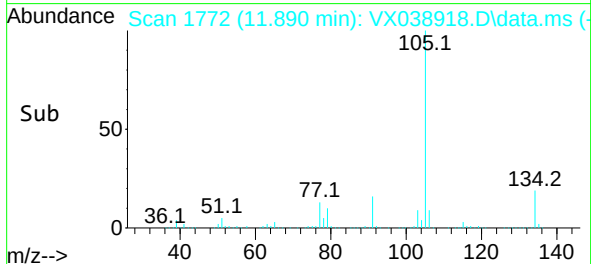
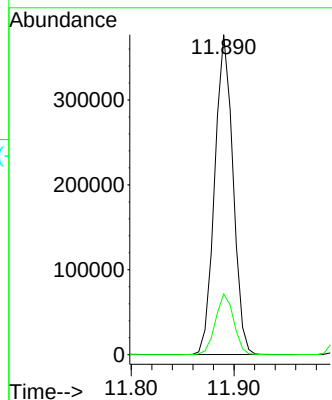
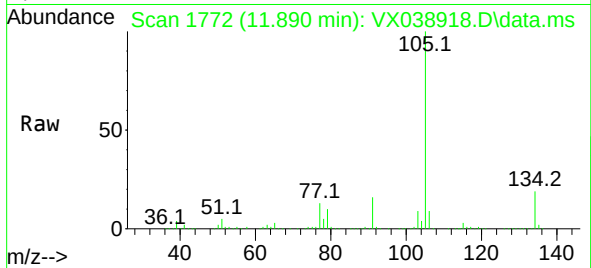
VSTDCCC050

Tgt Ion:105 Resp: 46319
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations

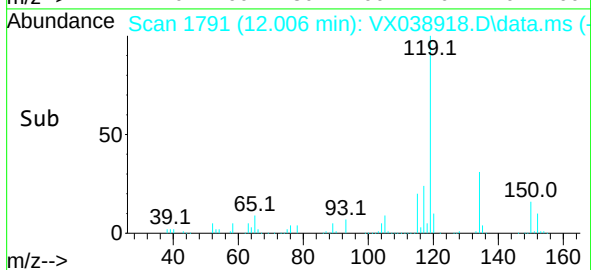
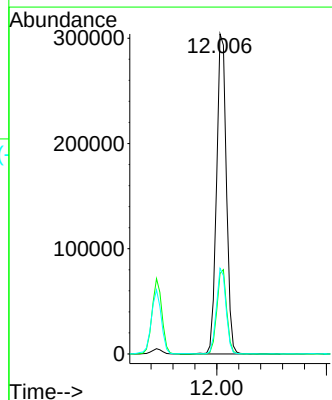
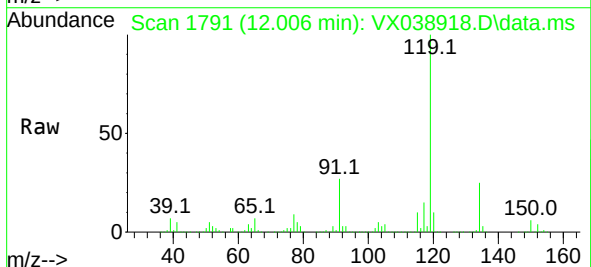
APPROVED

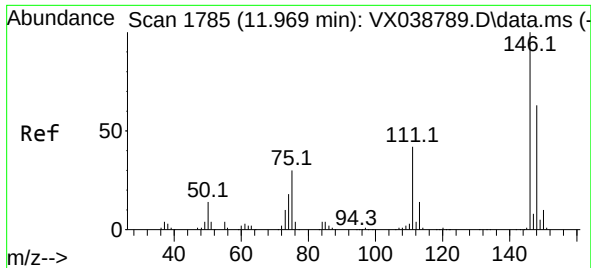
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#86
 p-Isopropyltoluene
 Concen: 50.132 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038918.D
 Acq: 18 Nov 2023 11:11

Tgt Ion:119 Resp: 376211
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 26.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.486 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 18792

Ion Ratio Lower Upper

146 100

111 44.1 22.1 66.1

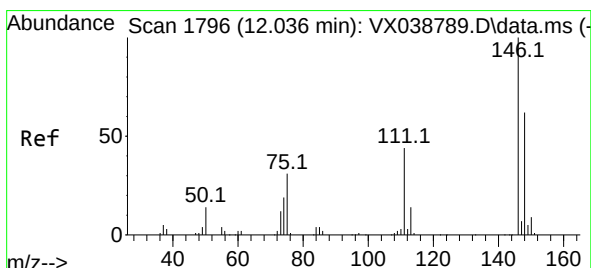
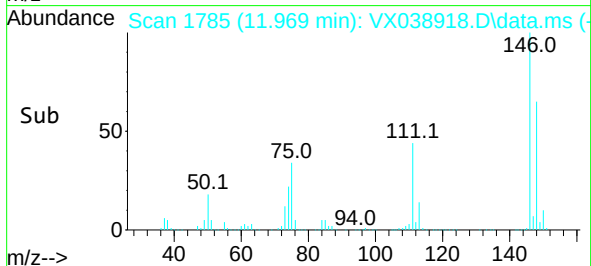
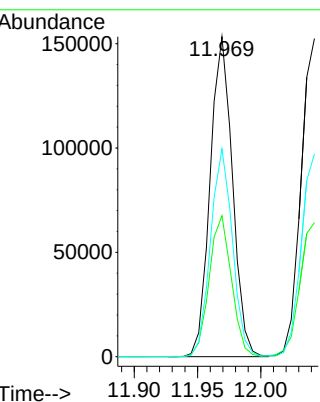
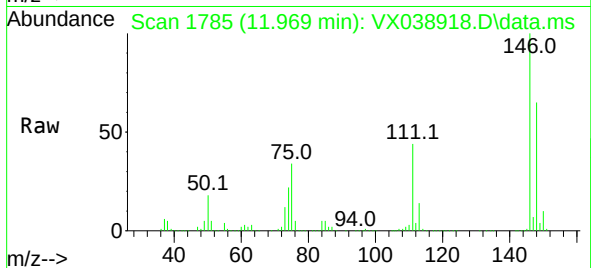
148 63.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#88

1,4-Dichlorobenzene

Concen: 49.165 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

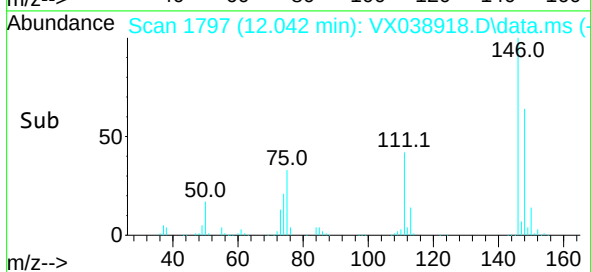
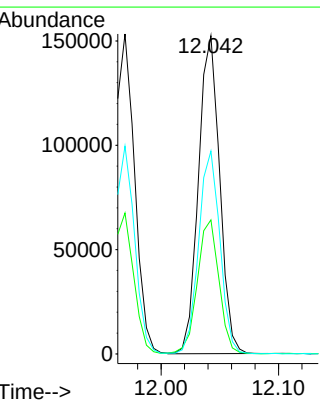
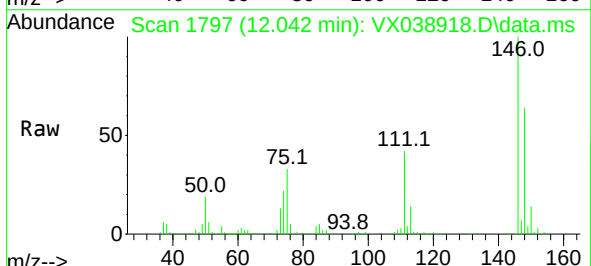
Tgt Ion:146 Resp: 191090

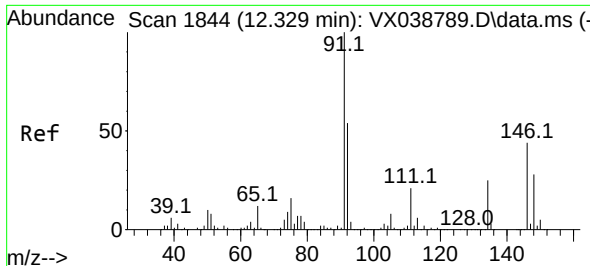
Ion Ratio Lower Upper

146 100

111 43.1 21.3 63.7

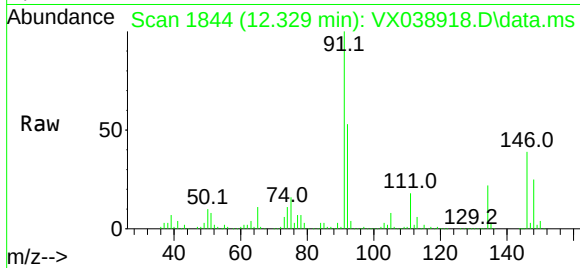
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 49.401 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

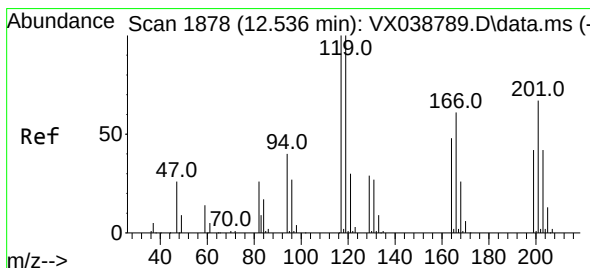
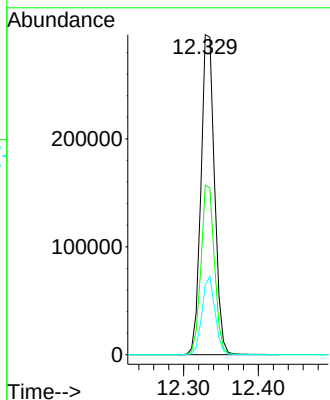
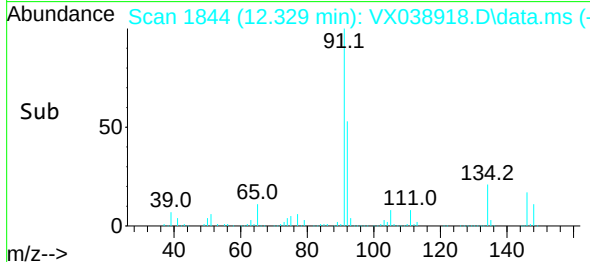
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 37403
Ion Ratio Lower Upper
91 100
92 52.7 27.4 82.0
134 23.6 12.6 37.8

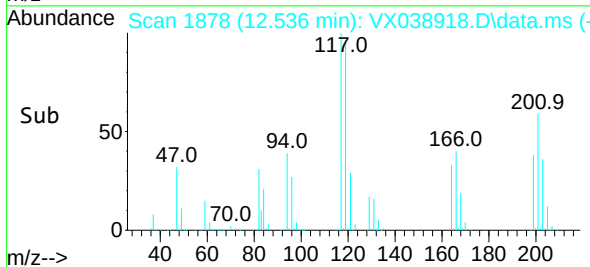
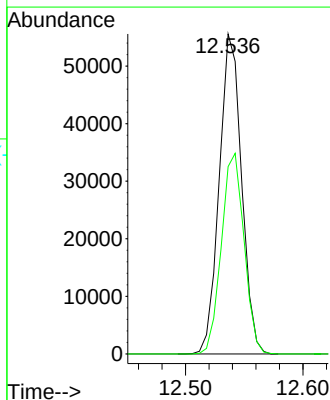
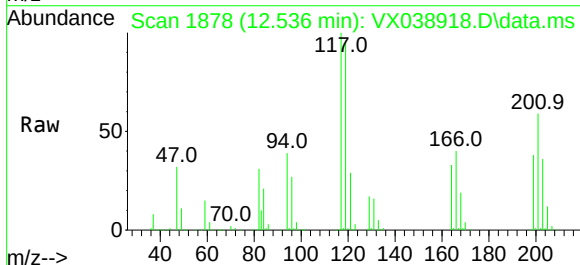
Manual Integrations
APPROVED

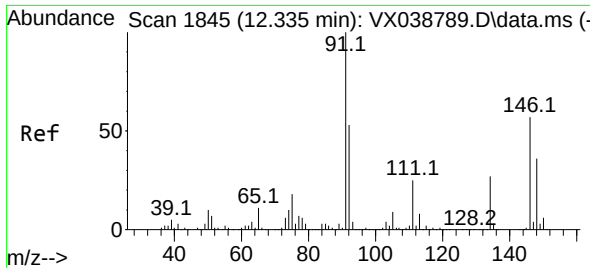
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#90
Hexachloroethane
Concen: 48.946 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

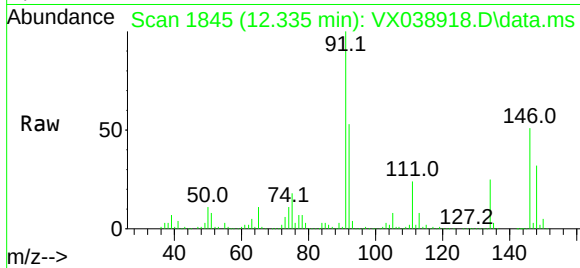
Tgt Ion:117 Resp: 73351
Ion Ratio Lower Upper
117 100
201 63.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.161 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

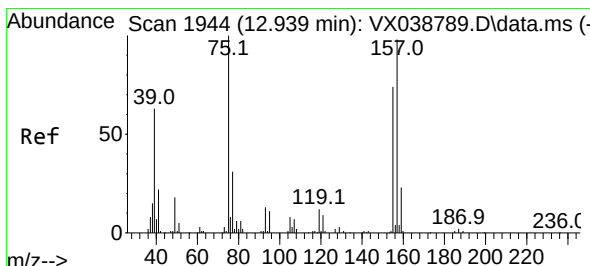
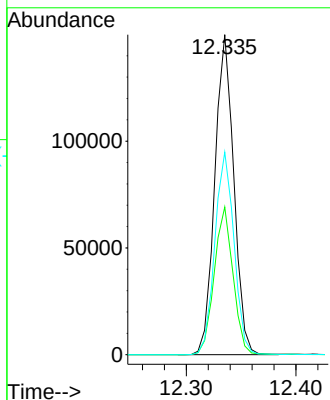
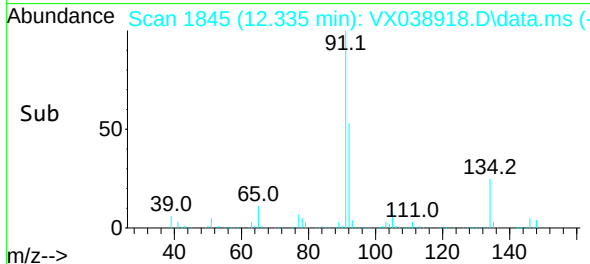
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



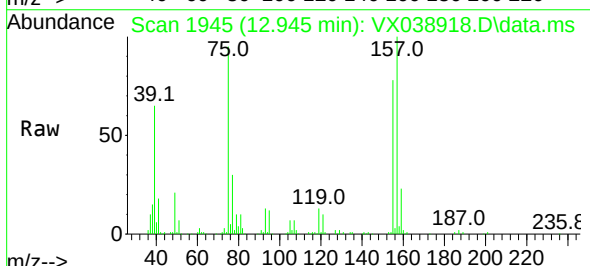
Tgt Ion:146 Resp: 180672
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations
APPROVED

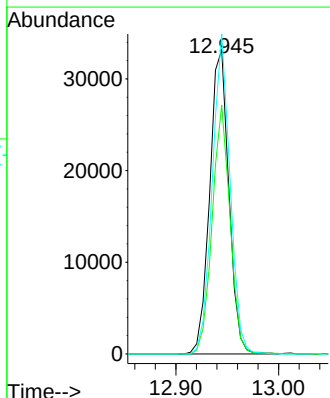
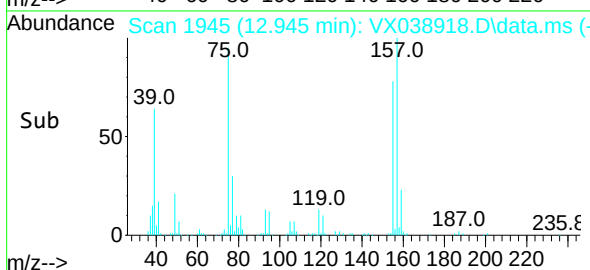
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

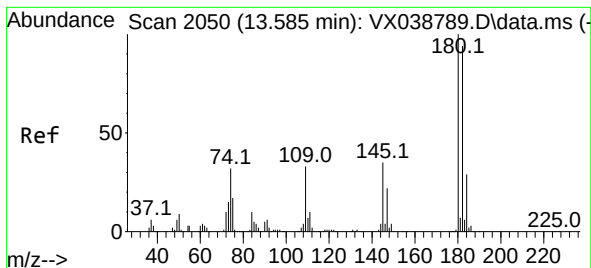


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.946 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11



Tgt Ion: 75 Resp: 42877
Ion Ratio Lower Upper
75 100
155 76.3 36.1 108.5
157 97.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.182 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

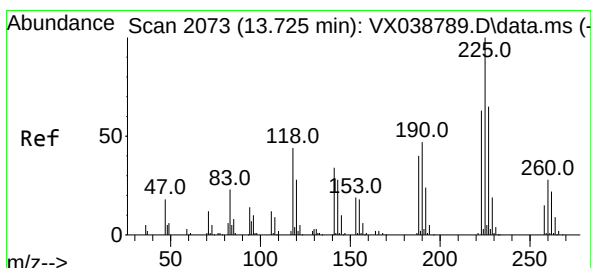
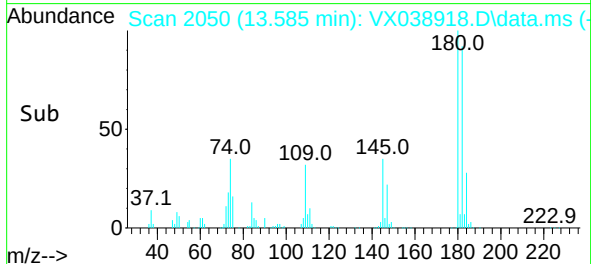
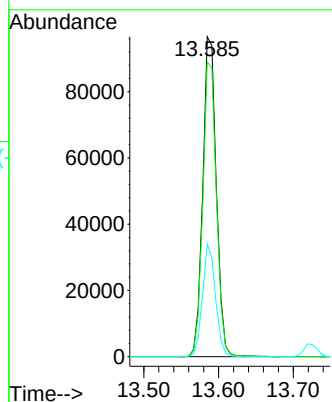
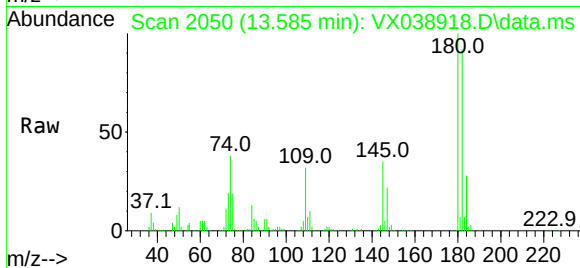
Tgt Ion:180	Resp:	121120
Ion Ratio	Lower	Upper
180	100	
182	92.8	48.3 144.8
145	33.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 49.725 ug/l

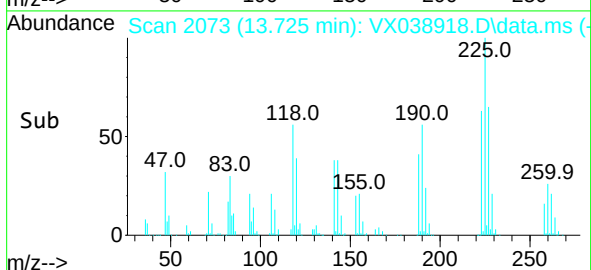
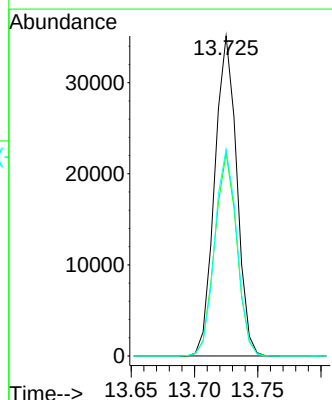
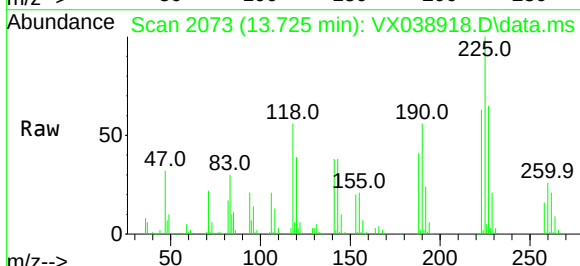
RT: 13.725 min Scan# 2073

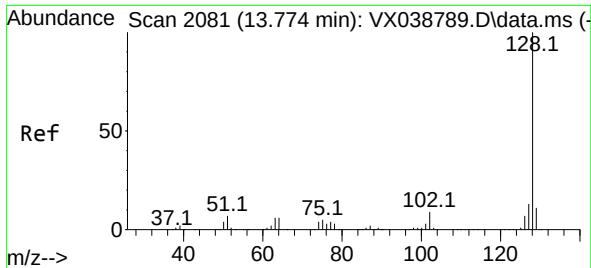
Delta R.T. -0.000 min

Lab File: VX038918.D

Acq: 18 Nov 2023 11:11

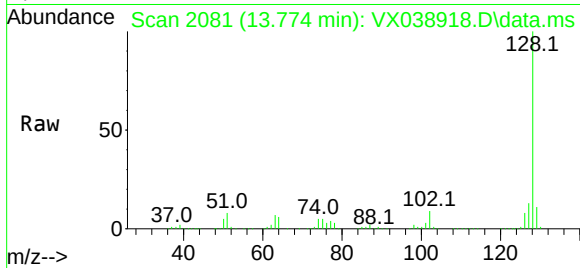
Tgt Ion:225	Resp:	42502
Ion Ratio	Lower	Upper
225	100	
223	63.4	31.1 93.2
227	64.8	32.5 97.5





#95
Naphthalene
Concen: 49.485 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

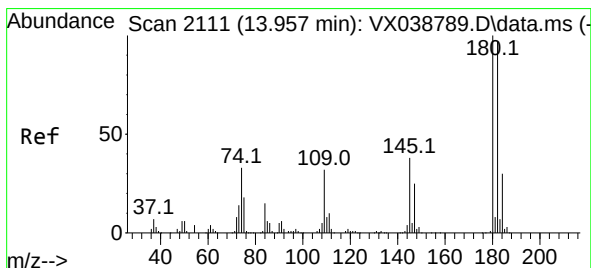
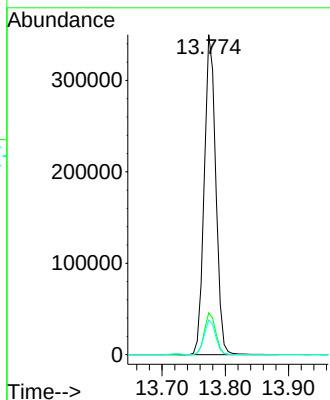
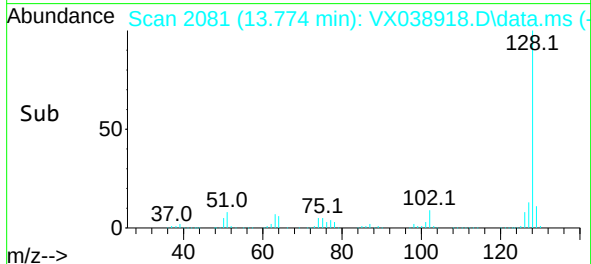
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 444838
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.779 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038918.D
Acq: 18 Nov 2023 11:11

Tgt Ion:180 Resp: 116182
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.6
145 35.4 17.8 53.5

