

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038841.D
 Acq On : 16 Nov 2023 16:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 16 23:02:48 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

Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	166700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	307951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	127734	47.553	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.100%		
35) Dibromofluoromethane	5.379	113	106301	47.795	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.600%		
50) Toluene-d8	8.647	98	400744	47.094	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.180%		
62) 4-Bromofluorobenzene	11.079	95	159202	46.736	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	97466	50.109	ug/l	99
3) Chloromethane	1.294	50	114998	45.297	ug/l	100
4) Vinyl Chloride	1.374	62	113171	46.277	ug/l	99
5) Bromomethane	1.599	94	51192	50.630	ug/l	99
6) Chloroethane	1.678	64	65633	47.029	ug/l	95
7) Trichlorofluoromethane	1.886	101	145218	46.796	ug/l	100
8) Diethyl Ether	2.130	74	64873	47.997	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	95103	46.212	ug/l	98
10) Methyl Iodide	2.447	142	119806	47.830	ug/l	90
11) Tert butyl alcohol	2.959	59	207116	277.230	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	94939	45.694	ug/l	86
13) Acrolein	2.233	56	88944	225.027	ug/l	97
14) Allyl chloride	2.660	41	197169	47.398	ug/l	90
15) Acrylonitrile	3.062	53	413297	261.812	ug/l	98
16) Acetone	2.373	43	352456	246.486	ug/l #	89
17) Carbon Disulfide	2.508	76	276390	42.945	ug/l	99
18) Methyl Acetate	2.703	43	354391	52.178	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	368083	50.369	ug/l	98
20) Methylene Chloride	2.788	84	116257	45.102	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	104269	45.482	ug/l	96
22) Diisopropyl ether	3.757	45	374820	49.116	ug/l	89
23) Vinyl Acetate	3.721	43	1390794	253.049	ug/l	98
24) 1,1-Dichloroethane	3.605	63	202173	47.374	ug/l	99
25) 2-Butanone	4.550	43	598100	257.933	ug/l	93
26) 2,2-Dichloropropane	4.471	77	163363	44.131	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	126471	47.327	ug/l	94
28) Bromochloromethane	4.891	49	101502	49.539	ug/l	99
29) Tetrahydrofuran	5.001	42	395076	268.336	ug/l	97
30) Chloroform	5.092	83	195156	46.832	ug/l	95
31) Cyclohexane	5.464	56	178642	46.581	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	167229	46.331	ug/l	99
36) 1,1-Dichloropropene	5.690	75	147017	46.121	ug/l	98
37) Ethyl Acetate	4.708	43	217719	52.424	ug/l	98
38) Carbon Tetrachloride	5.672	117	140093	47.552	ug/l	98
39) Methylcyclohexane	7.379	83	188796	45.406	ug/l	97
40) Benzene	6.037	78	447647	47.480	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	111676	51.847	ug/l	93
42) 1,2-Dichloroethane	6.080	62	154360	49.416	ug/l	96
43) Isopropyl Acetate	6.336	43	339958	51.221	ug/l	97
44) Trichloroethene	7.123	130	109009	47.501	ug/l	96
45) 1,2-Dichloropropane	7.427	63	125994	49.659	ug/l	98
46) Dibromomethane	7.580	93	83566	49.389	ug/l	98
47) Bromodichloromethane	7.818	83	162698	48.448	ug/l	97
48) Methyl methacrylate	7.690	41	157292	48.844	ug/l	91
49) 1,4-Dioxane	7.659	88	70407	1130.125	ug/l #	94
51) 4-Methyl-2-Pentanone	8.573	43	1120096	264.081	ug/l	97
52) Toluene	8.714	92	278551	47.611	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	194630	48.770	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	203968	49.480	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	120025	49.166	ug/l	93
56) Ethyl methacrylate	9.116	69	213573	51.707	ug/l	93
57) 1,3-Dichloropropane	9.305	76	202714	50.210	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	516026	268.187	ug/l	95
59) 2-Hexanone	9.427	43	902168	265.369	ug/l	96
60) Dibromochloromethane	9.518	129	123664	49.820	ug/l	100
61) 1,2-Dibromoethane	9.610	107	127972	49.957	ug/l	100
64) Tetrachloroethene	9.275	164	82317	45.995	ug/l	95
65) Chlorobenzene	10.079	112	290941	46.909	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	106813	47.876	ug/l	97
67) Ethyl Benzene	10.195	91	534351	46.893	ug/l	98
68) m/p-Xylenes	10.299	106	408921	94.866	ug/l	100
69) o-Xylene	10.640	106	201038	47.134	ug/l	100
70) Styrene	10.652	104	345127	47.912	ug/l	98
71) Bromoform	10.799	173	93146	50.081	ug/l #	99
73) Isopropylbenzene	10.963	105	513281	45.716	ug/l	99
74) N-amyl acetate	10.841	43	294926	49.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	212972	48.592	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	181592m	50.508	ug/l	
77) Bromobenzene	11.195	156	116059	46.003	ug/l	94
78) n-propylbenzene	11.305	91	639278	46.257	ug/l	99
79) 2-Chlorotoluene	11.366	91	373543	45.545	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	443255	46.953	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	78656	48.526	ug/l #	80
82) 4-Chlorotoluene	11.451	91	439688	46.494	ug/l	99
83) tert-Butylbenzene	11.713	119	427525	45.983	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	443533	46.418	ug/l	99
85) sec-Butylbenzene	11.890	105	559294	45.989	ug/l	99
86) p-Isopropyltoluene	12.006	119	454215	46.526	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	231750	46.910	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	231213	45.727	ug/l	99
89) n-Butylbenzene	12.329	91	457369	46.434	ug/l	97
90) Hexachloroethane	12.536	117	90670	46.507	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	223870	47.777	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	54559	50.808	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	146058	46.516	ug/l	98
94) Hexachlorobutadiene	13.725	225	52233	46.974	ug/l	98
95) Naphthalene	13.774	128	563429	48.179	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	140613	47.240	ug/l	99

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VSTDCCC050

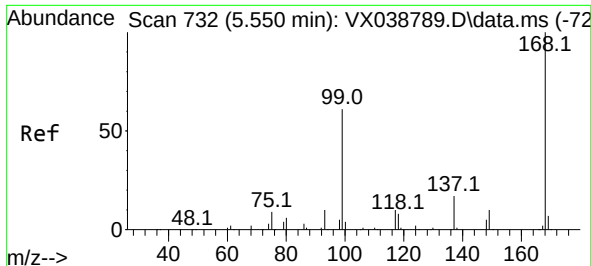
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/17/2023

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

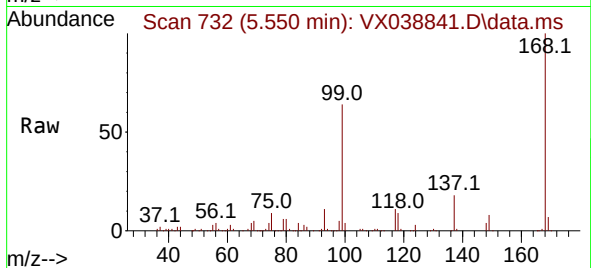
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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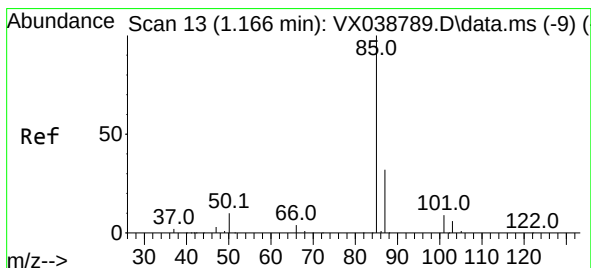
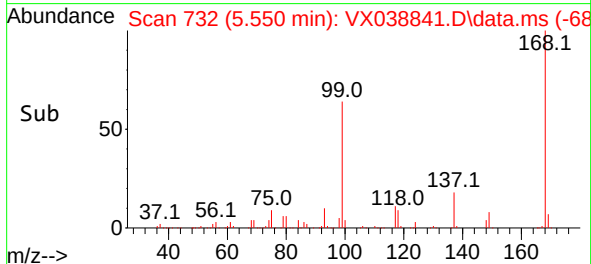
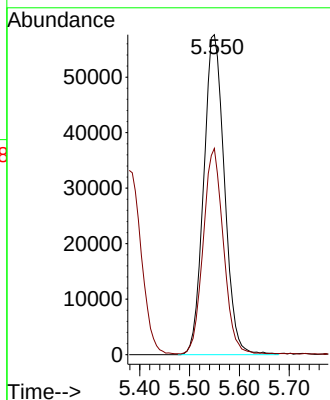
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 166700
Ion Ratio Lower Upper
168 100
99 64.2 56.6 85.0

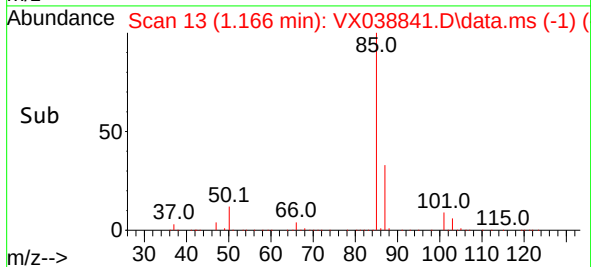
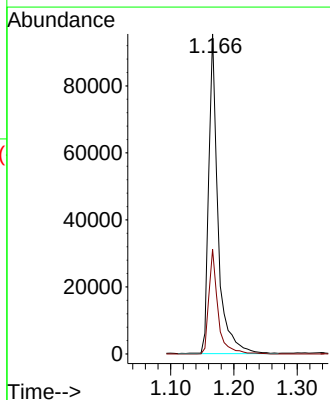
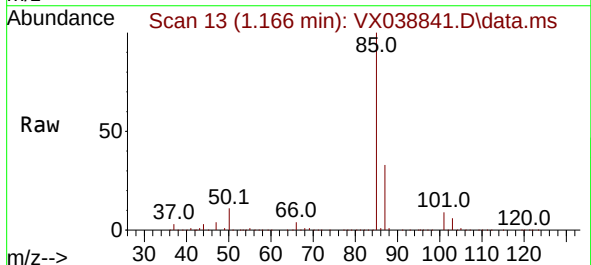
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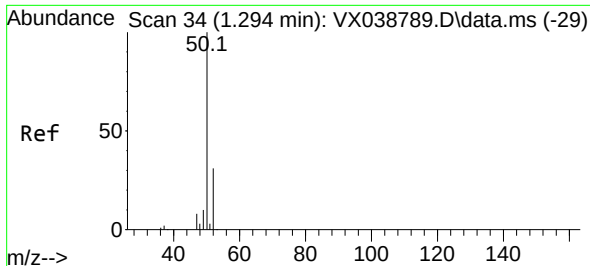
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#2
Dichlorodifluoromethane
Concen: 50.109 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

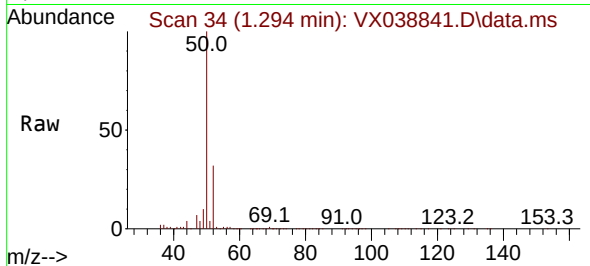
Tgt Ion: 85 Resp: 97466
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3
Chloromethane
Concen: 45.297 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

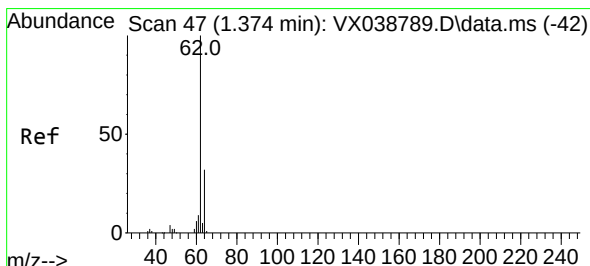
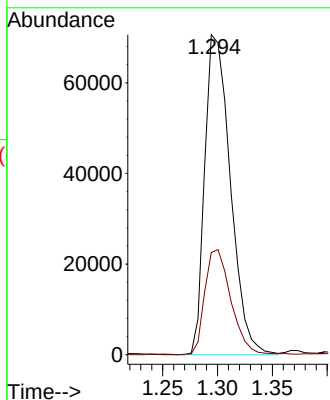
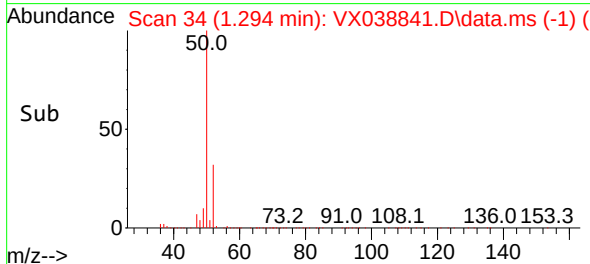
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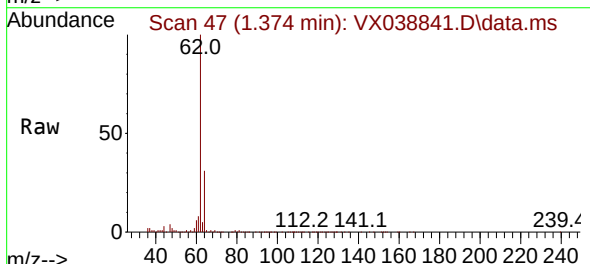
Tgt Ion: 50 Resp: 114998
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

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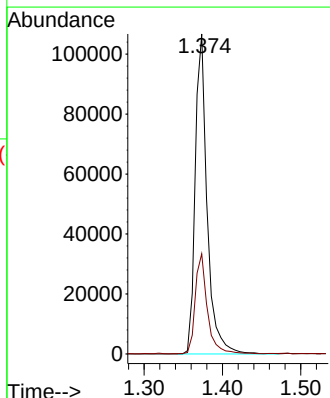
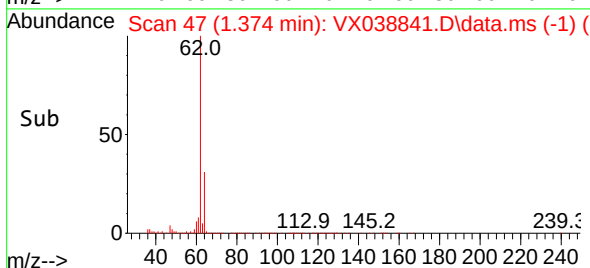
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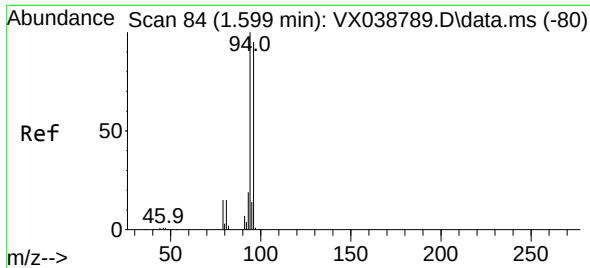


#4
Vinyl Chloride
Concen: 46.277 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29



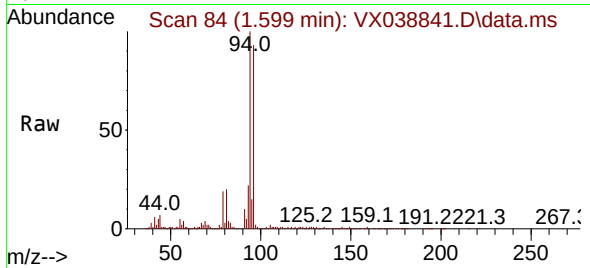
Tgt Ion: 62 Resp: 113171
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0





#5
Bromomethane
Concen: 50.630 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038841.D
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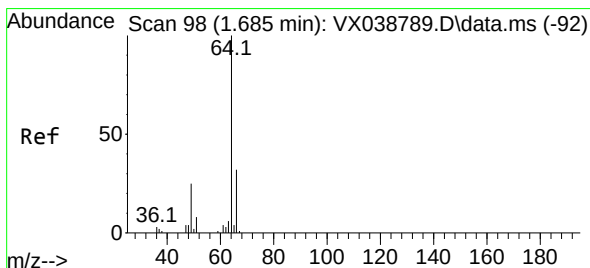
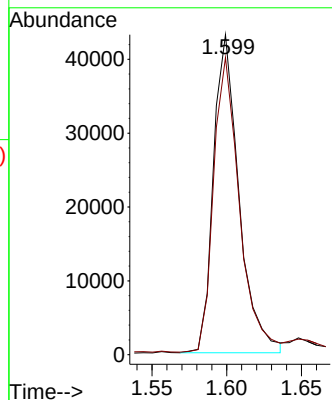
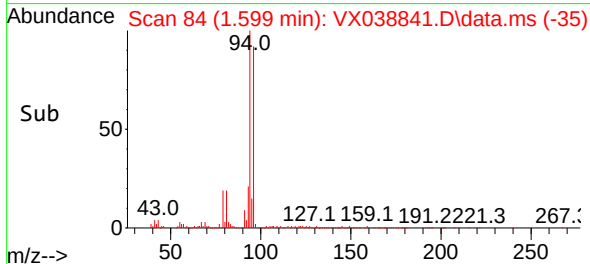
Instrument :
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Tgt Ion: 94 Resp: 51192
Ion Ratio Lower Upper
94 100
96 92.6 74.6 111.8

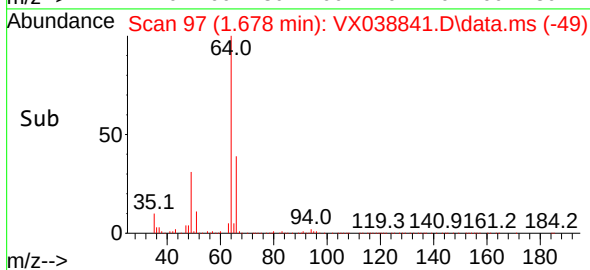
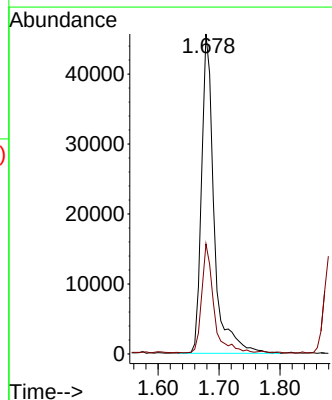
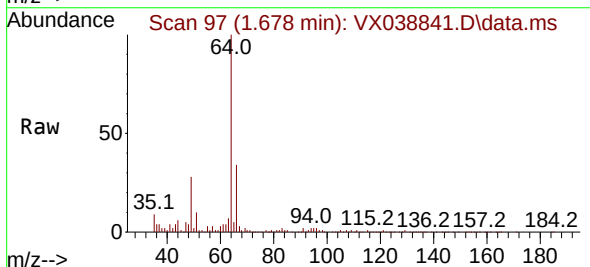
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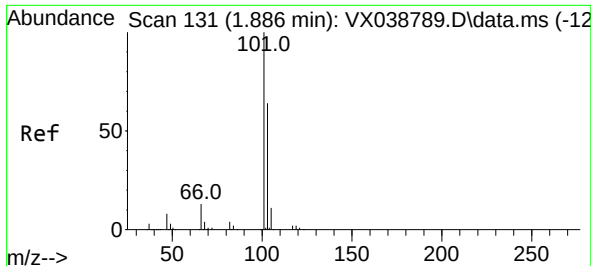
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#6
Chloroethane
Concen: 47.029 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion: 64 Resp: 65633
Ion Ratio Lower Upper
64 100
66 34.0 25.1 37.7





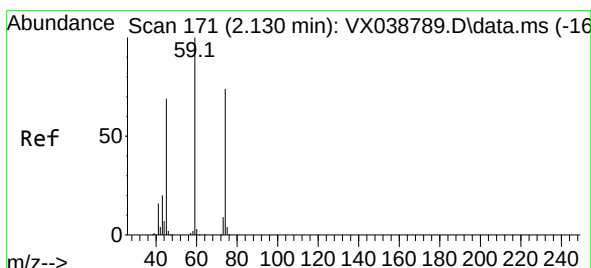
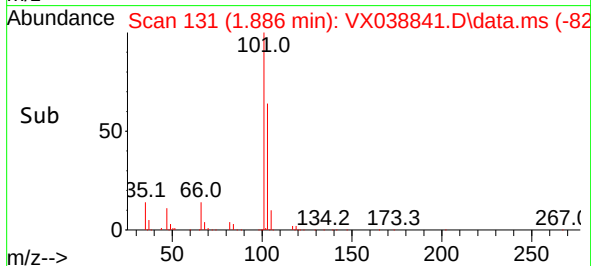
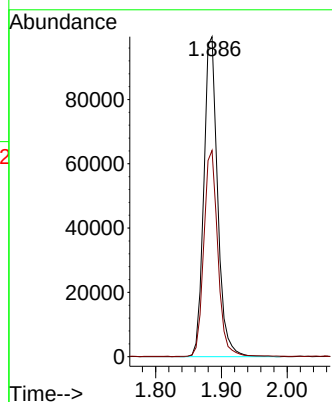
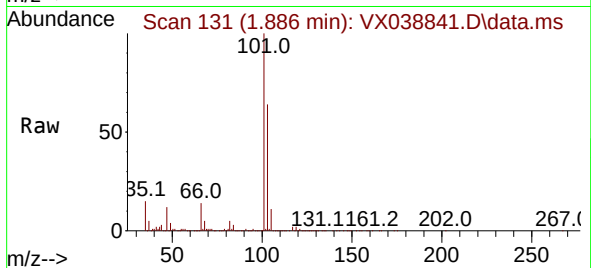
#7
Trichlorofluoromethane
Concen: 46.796 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 145218
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

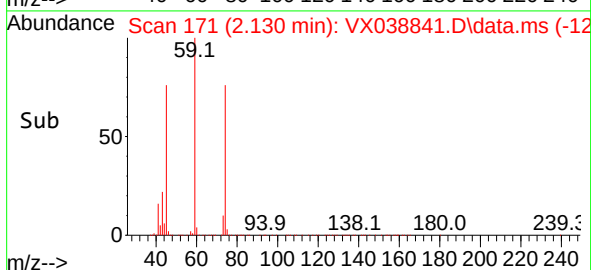
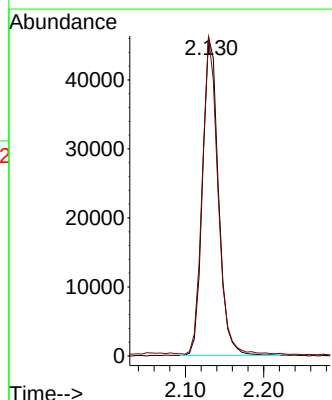
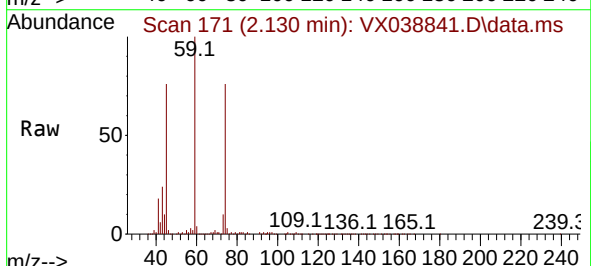
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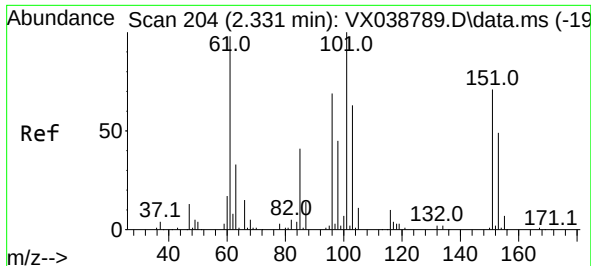
Reviewed By :John Carlone 11/17/2023
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#8
Diethyl Ether
Concen: 47.997 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038841.D
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Tgt Ion: 74 Resp: 64873
Ion Ratio Lower Upper
74 100
45 99.7 53.3 159.8





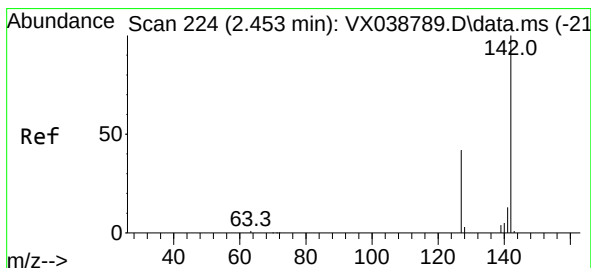
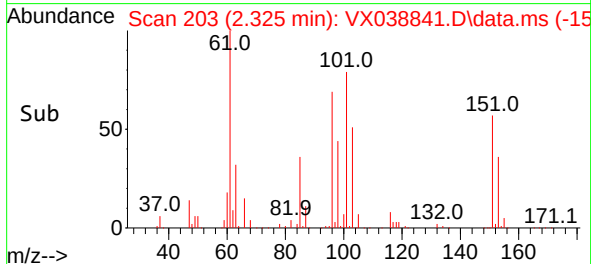
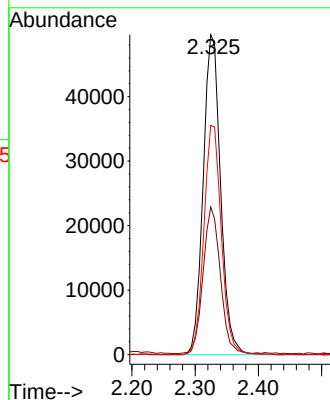
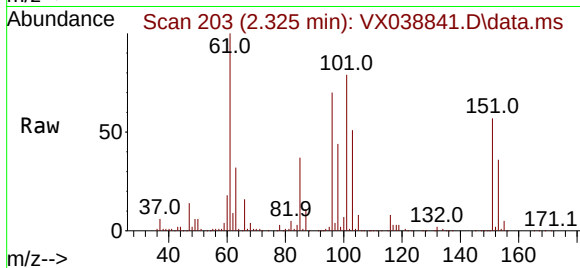
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.212 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038841.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9510
Ion Ratio Lower Upper
101 100
85 45.0 37.0 55.6
151 71.9 58.6 87.8

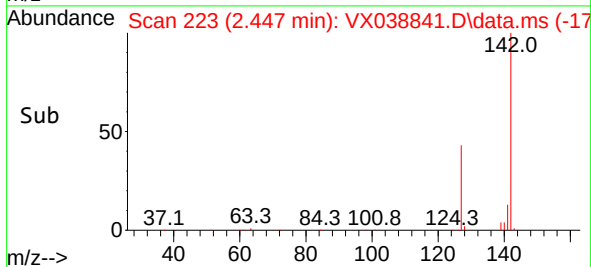
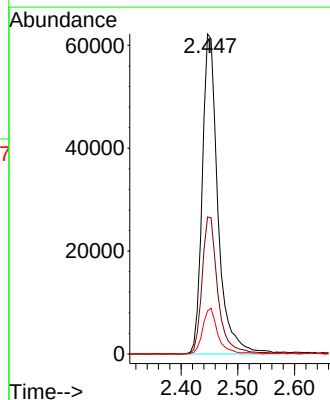
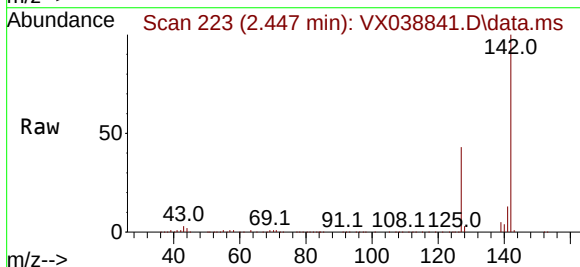
Manual Integrations
APPROVED

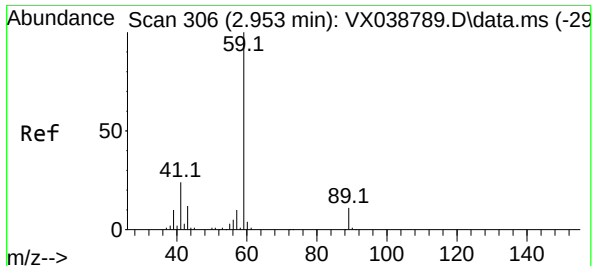
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#10
Methyl Iodide
Concen: 47.830 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

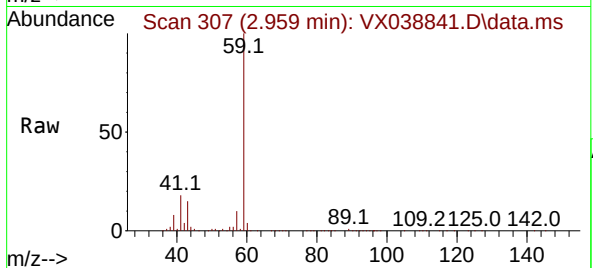
Tgt Ion:142 Resp: 119806
Ion Ratio Lower Upper
142 100
127 43.1 41.6 62.4
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 277.230 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

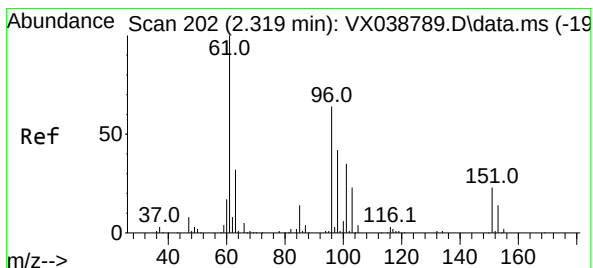
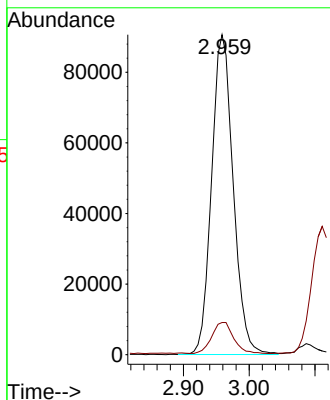
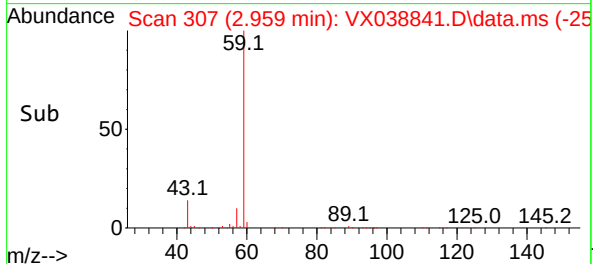
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 207110
Ion Ratio Lower Upper
59 100
57 9.8 6.0 9.0

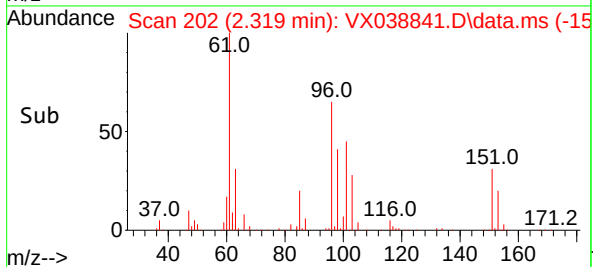
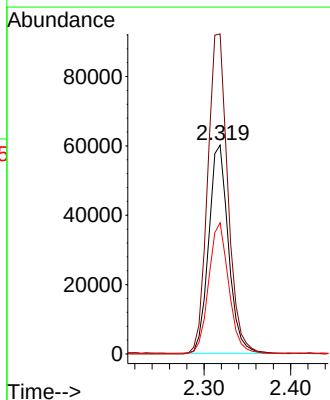
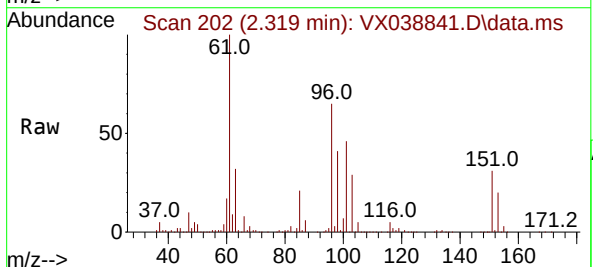
Manual Integrations
APPROVED

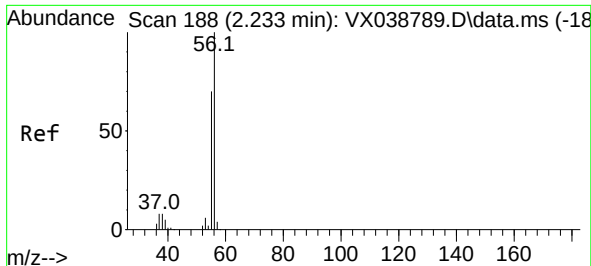
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#12
1,1-Dichloroethene
Concen: 45.694 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

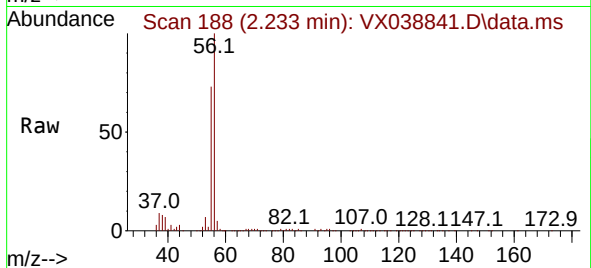
Tgt Ion: 96 Resp: 94939
Ion Ratio Lower Upper
96 100
61 153.7 144.6 216.8
98 62.8 50.4 75.6





#13
Acrolein
Concen: 225.027 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

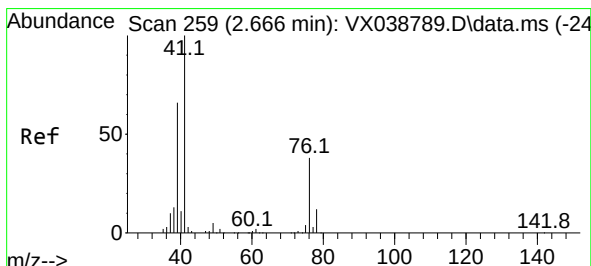
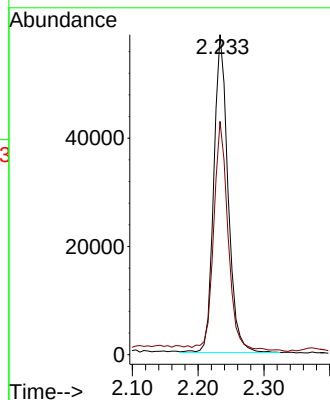
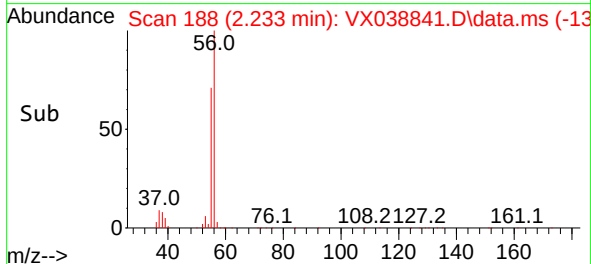
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 88944
Ion Ratio Lower Upper
56 100
55 74.1 57.1 85.7

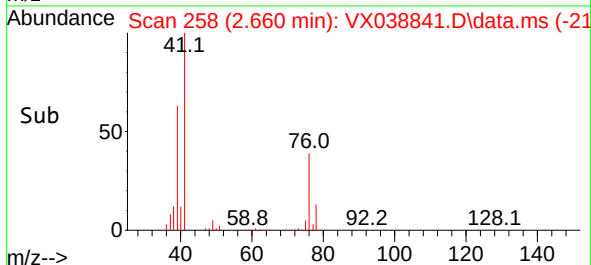
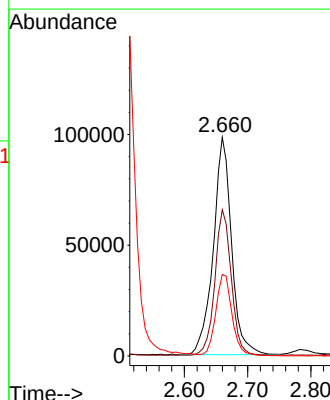
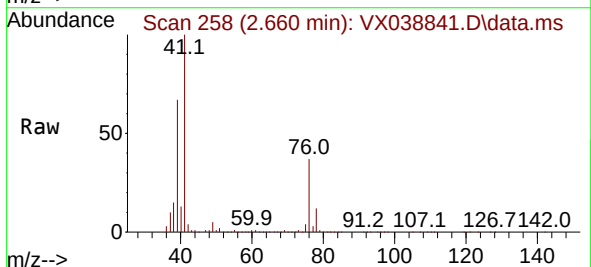
Manual Integrations
APPROVED

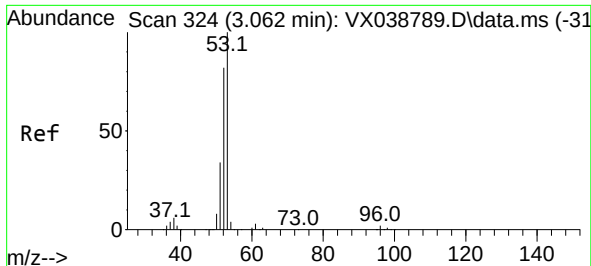
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#14
Allyl chloride
Concen: 47.398 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

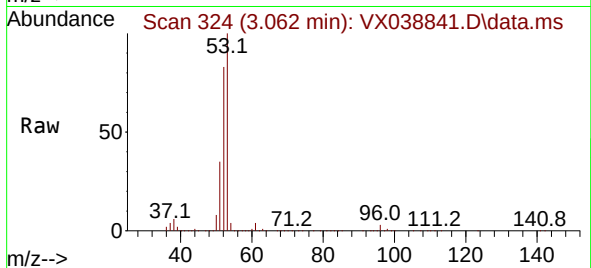
Tgt Ion: 41 Resp: 197169
Ion Ratio Lower Upper
41 100
39 59.7 55.8 83.6
76 33.2 24.3 36.5





#15
Acrylonitrile
Concen: 261.812 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

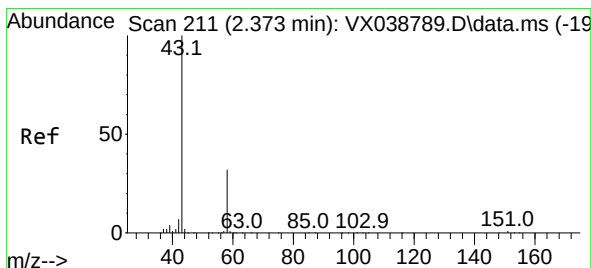
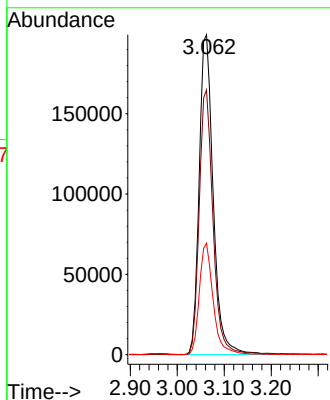
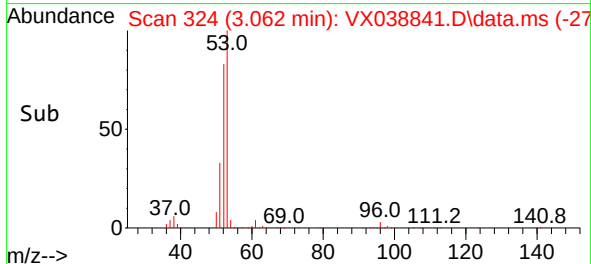
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 41329
Ion Ratio Lower Upper
53 100
52 81.6 66.0 99.0
51 34.6 29.8 44.6

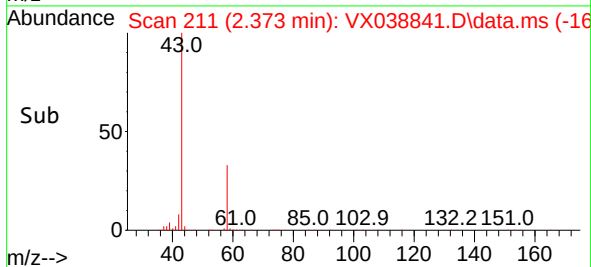
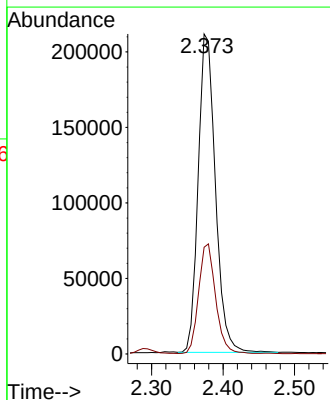
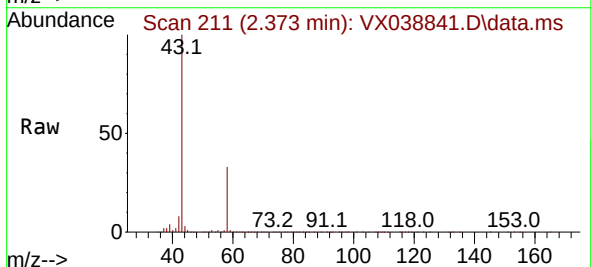
Manual Integrations
APPROVED

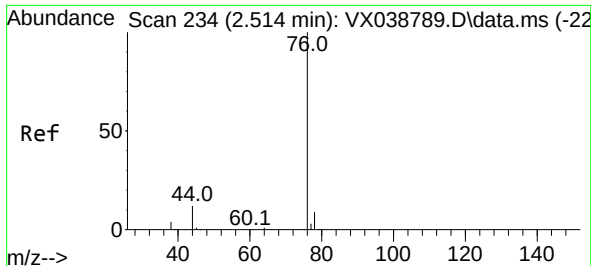
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#16
Acetone
Concen: 246.486 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion: 43 Resp: 352456
Ion Ratio Lower Upper
43 100
58 33.4 21.9 32.9#





#17

Carbon Disulfide

Concen: 42.945 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 276390

Ion Ratio Lower Upper

76 100

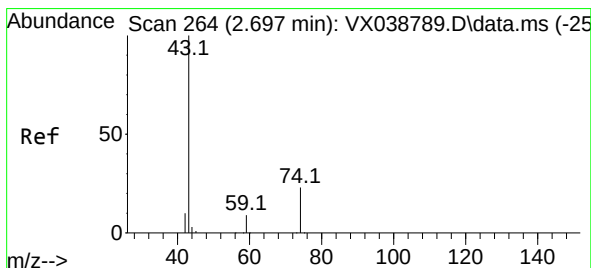
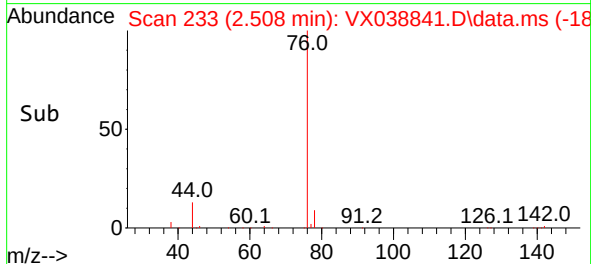
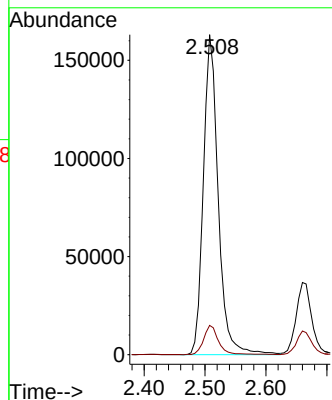
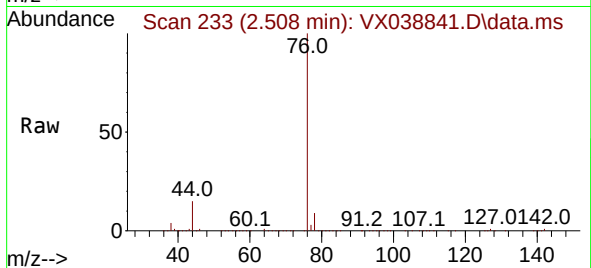
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#18

Methyl Acetate

Concen: 52.178 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX038841.D

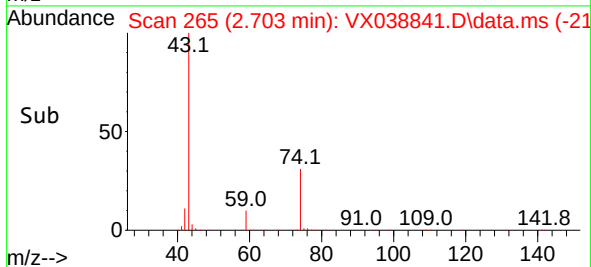
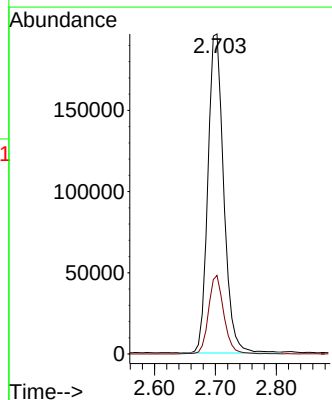
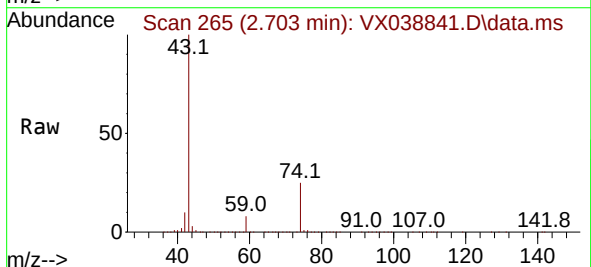
Acq: 16 Nov 2023 16:29

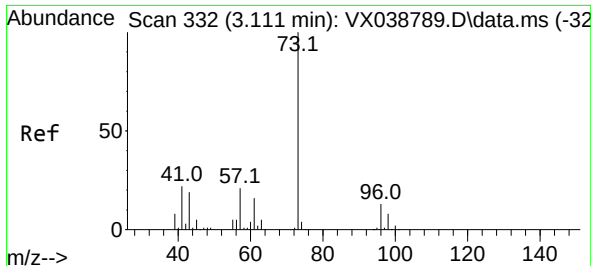
Tgt Ion: 43 Resp: 354391

Ion Ratio Lower Upper

43 100

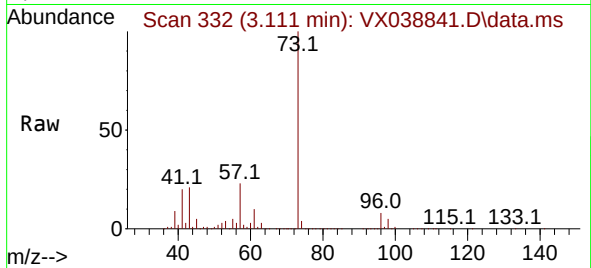
74 23.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.369 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

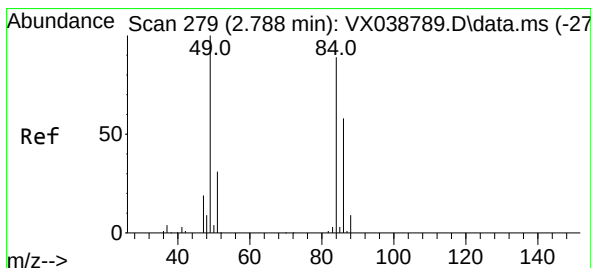
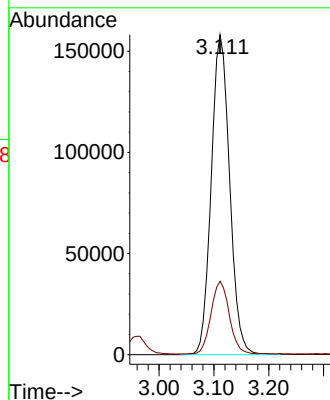
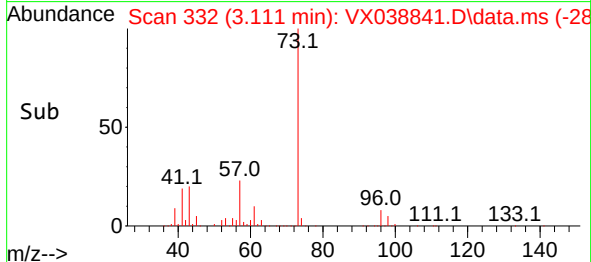
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 36808
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

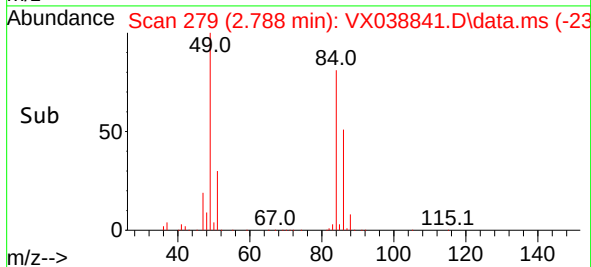
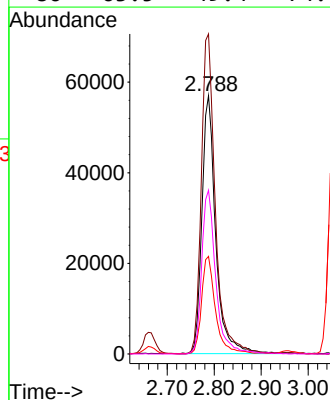
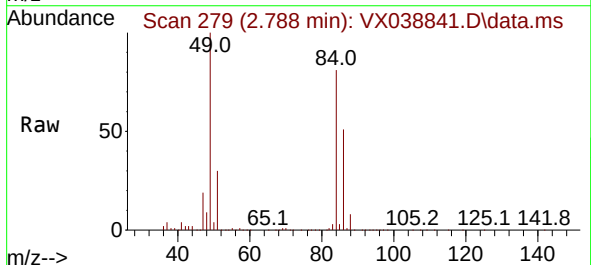
Manual Integrations
APPROVED

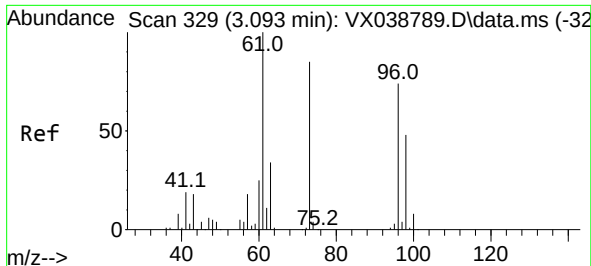
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#20
Methylene Chloride
Concen: 45.102 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion: 84 Resp: 116257
Ion Ratio Lower Upper
84 100
49 124.1 103.6 155.4
51 37.7 33.8 50.6
86 63.5 49.4 74.0





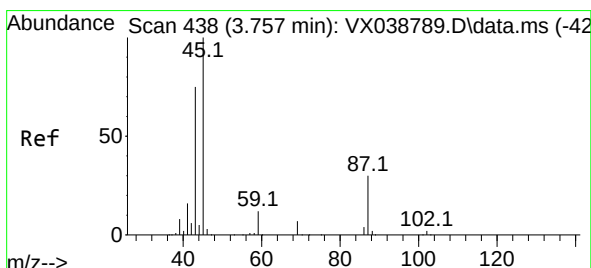
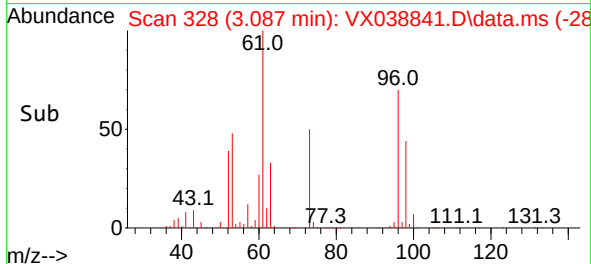
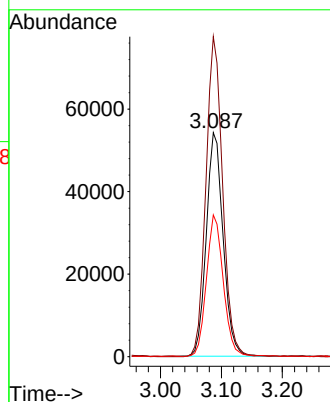
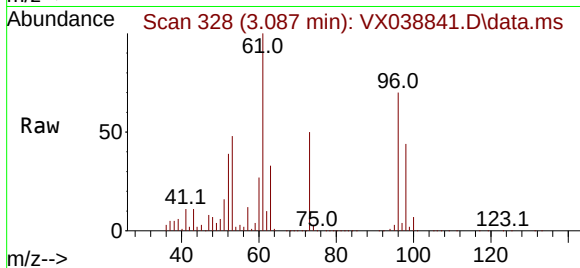
#21
trans-1,2-Dichloroethene
Concen: 45.482 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 104269
Ion Ratio Lower Upper
96 100
61 143.1 119.2 178.8
98 63.3 48.7 73.1

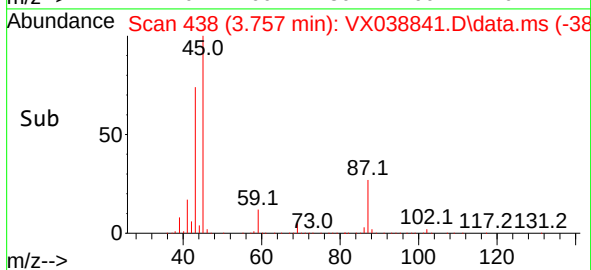
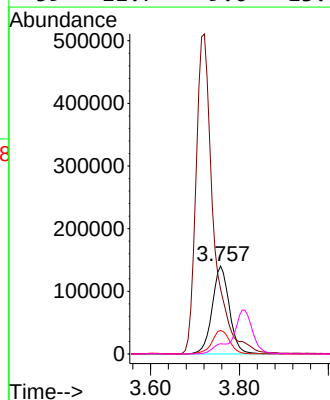
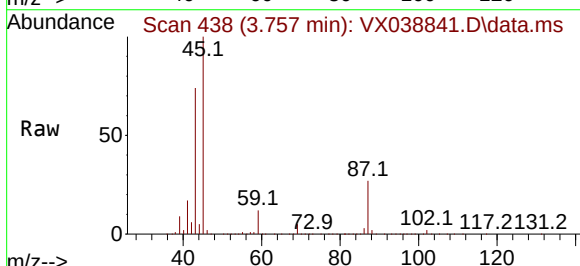
Manual Integrations
APPROVED

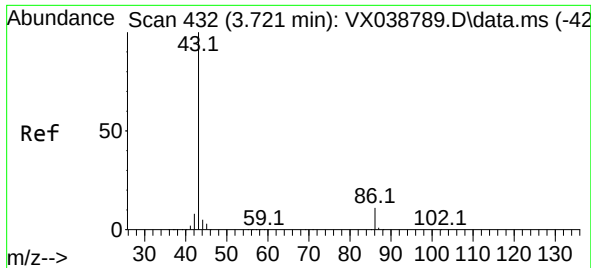
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#22
Diisopropyl ether
Concen: 49.116 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion: 45 Resp: 374820
Ion Ratio Lower Upper
45 100
43 73.8 69.7 104.5
87 26.7 20.8 31.2
59 11.7 9.0 13.4





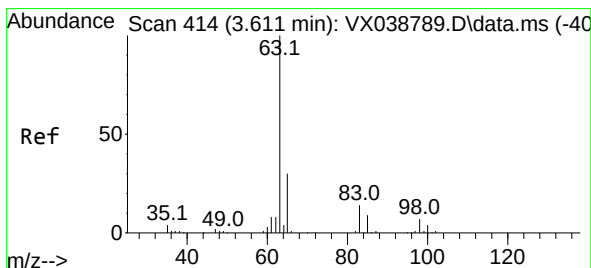
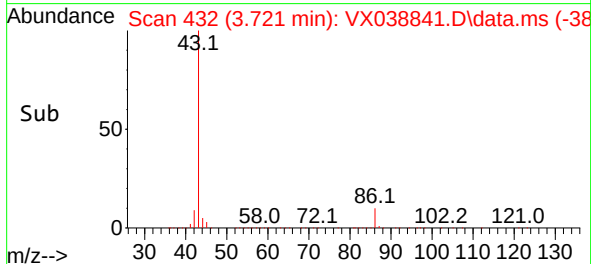
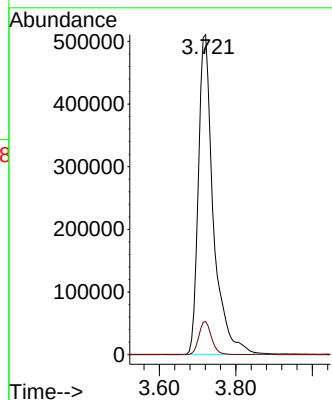
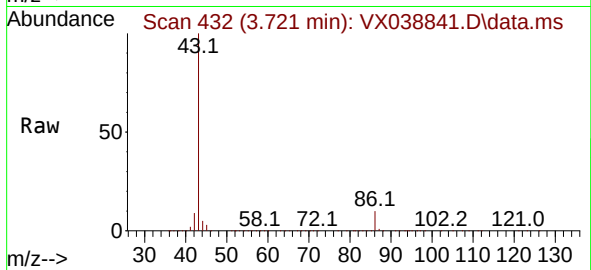
#23
 Vinyl Acetate
 Concen: 253.049 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX038841.D
 Acq: 16 Nov 2023 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1390794
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8

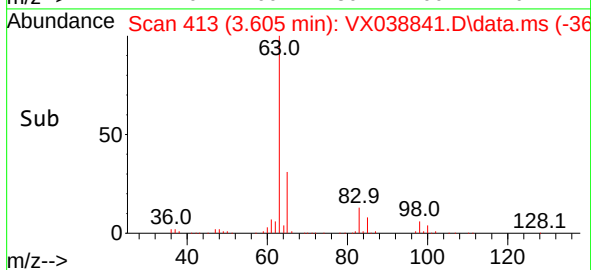
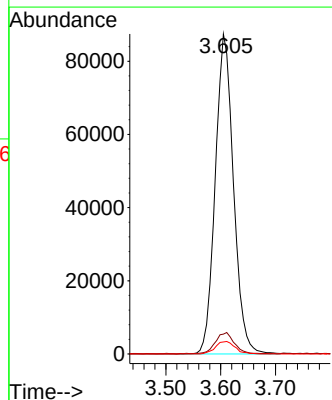
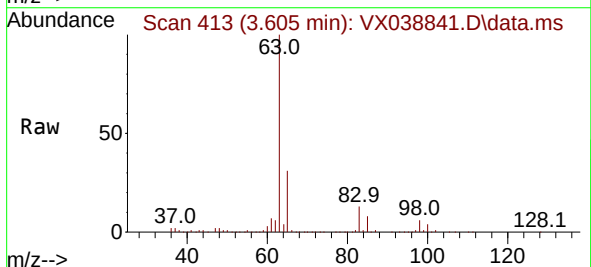
Manual Integrations
 APPROVED

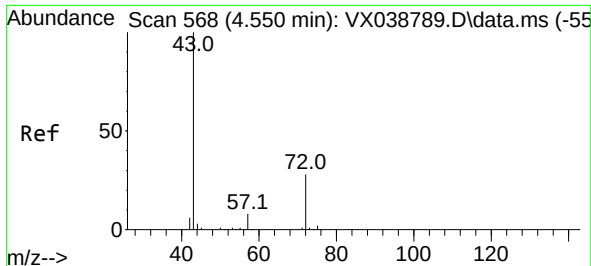
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#24
 1,1-Dichloroethane
 Concen: 47.374 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038841.D
 Acq: 16 Nov 2023 16:29

Tgt Ion: 63 Resp: 202173
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 3.7 2.1 6.5





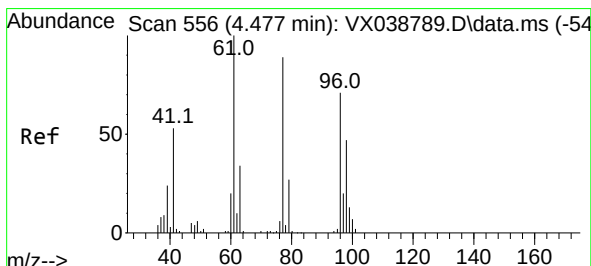
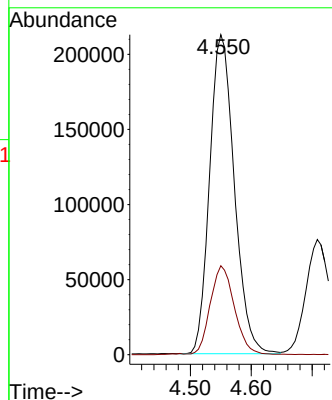
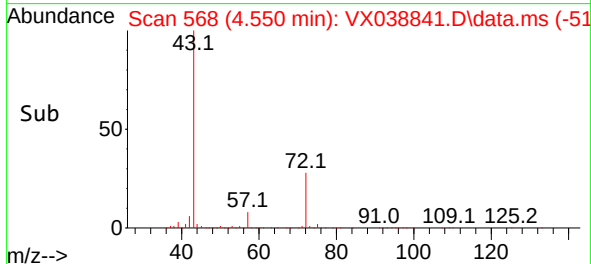
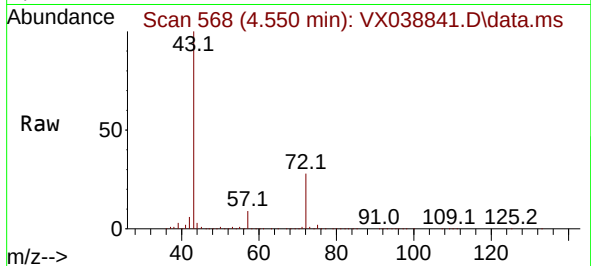
#25
2-Butanone
Concen: 257.933 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 598100
Ion Ratio Lower Upper
43 100
72 27.7 19.4 29.2

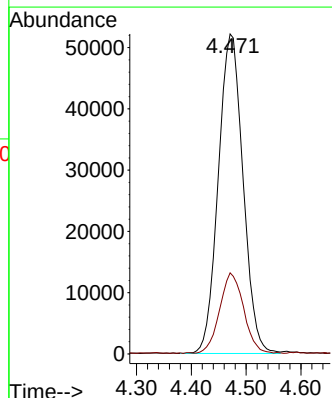
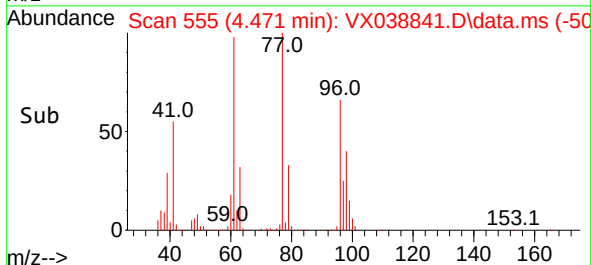
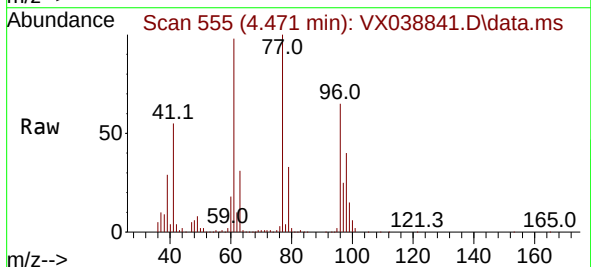
Manual Integrations
APPROVED

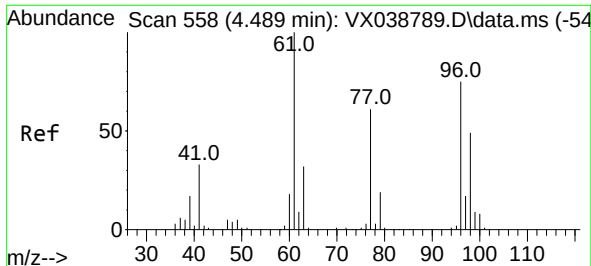
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#26
2,2-Dichloropropane
Concen: 44.131 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

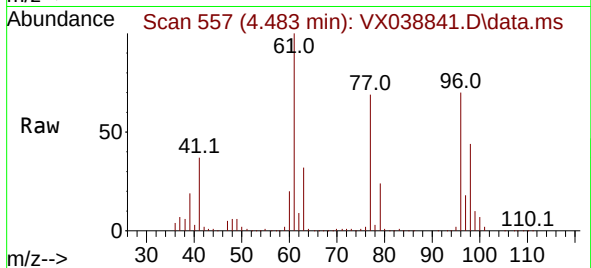
Tgt Ion: 77 Resp: 163363
Ion Ratio Lower Upper
77 100
97 24.7 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 47.327 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: VX038841.D
 Acq: 16 Nov 2023 16:29

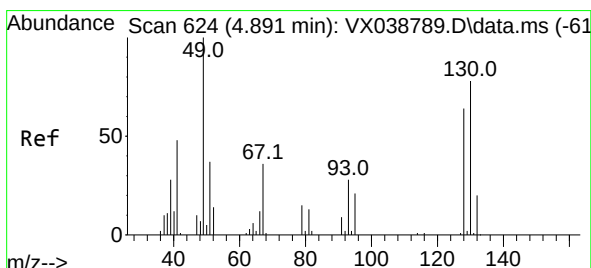
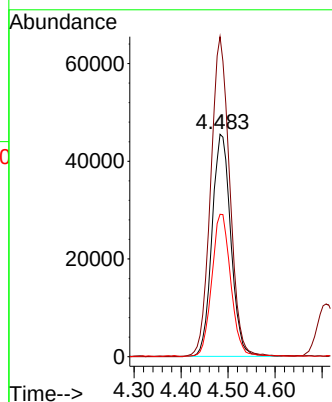
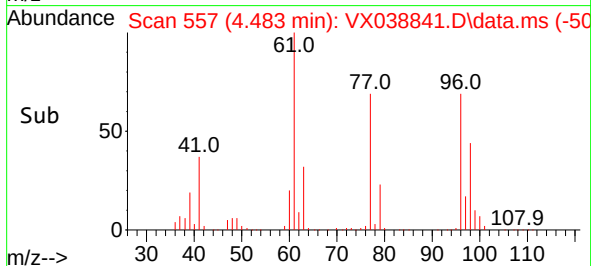
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 12647
 Ion Ratio Lower Upper
 96 100
 61 145.7 0.0 312.2
 98 64.1 0.0 129.0

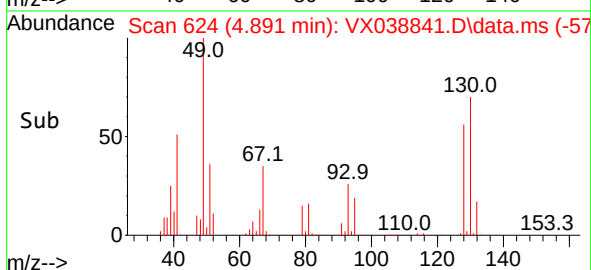
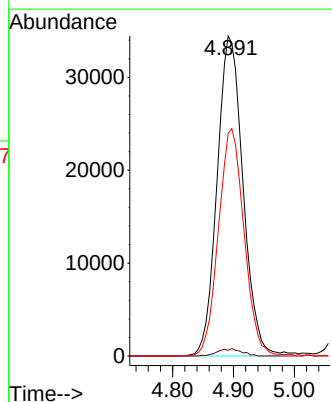
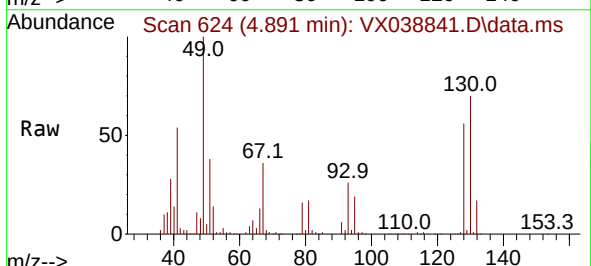
Manual Integrations
 APPROVED

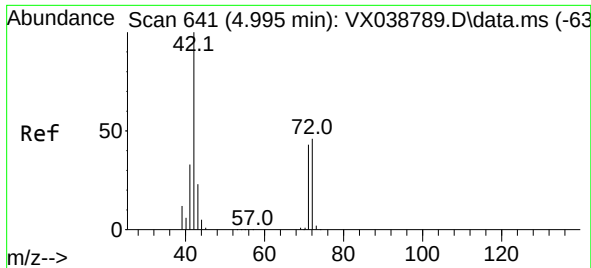
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#28
 Bromochloromethane
 Concen: 49.539 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.000 min
 Lab File: VX038841.D
 Acq: 16 Nov 2023 16:29

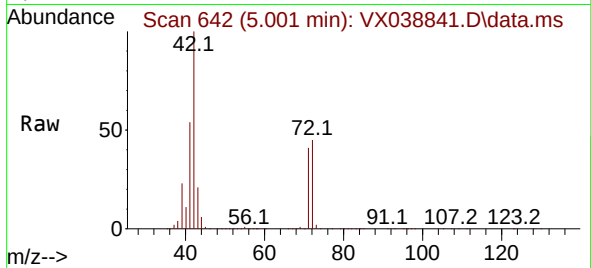
Tgt Ion: 49 Resp: 101502
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 70.7 57.5 86.3





#29
Tetrahydrofuran
Concen: 268.336 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

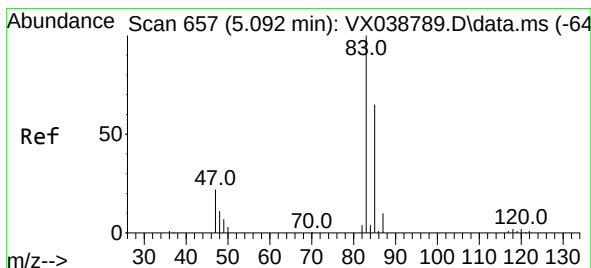
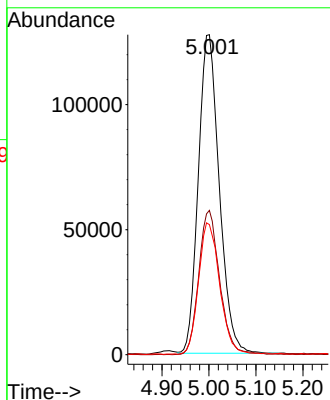
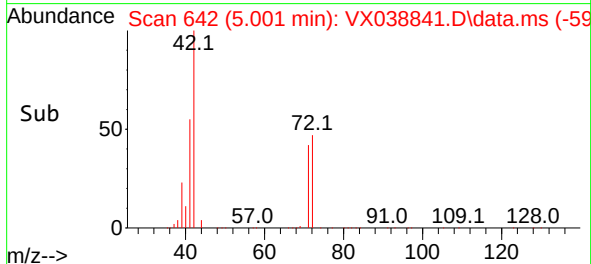
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 395070
Ion Ratio Lower Upper
42 100
72 45.5 34.2 51.4
71 41.7 32.2 48.2

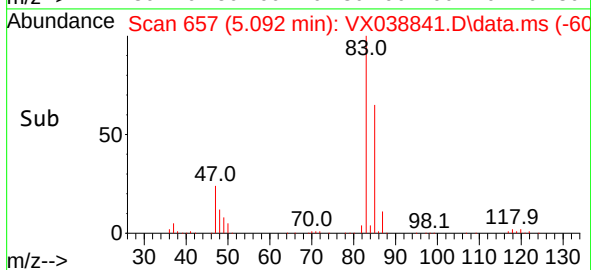
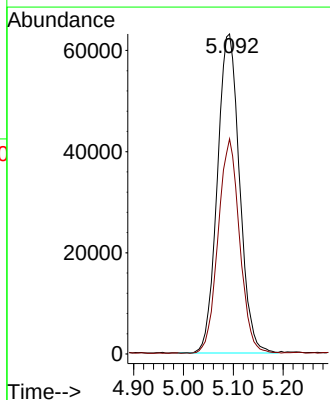
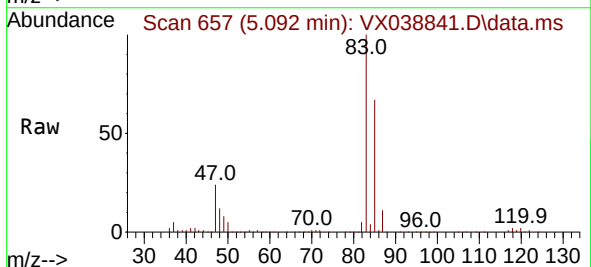
Manual Integrations
APPROVED

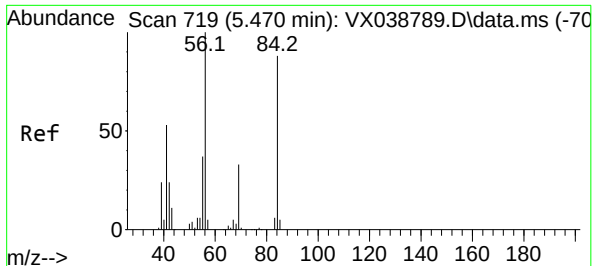
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#30
Chloroform
Concen: 46.832 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

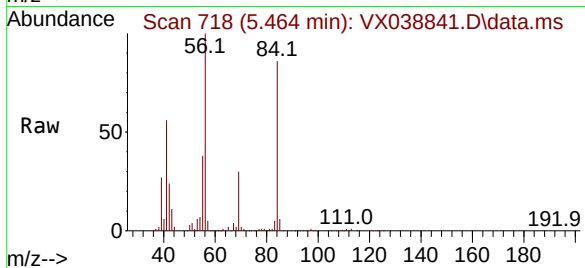
Tgt Ion: 83 Resp: 195156
Ion Ratio Lower Upper
83 100
85 67.1 50.3 75.5





#31
Cyclohexane
Concen: 46.581 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

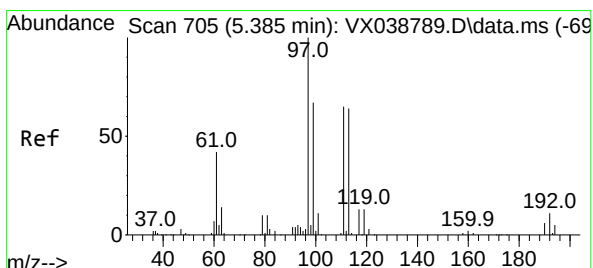
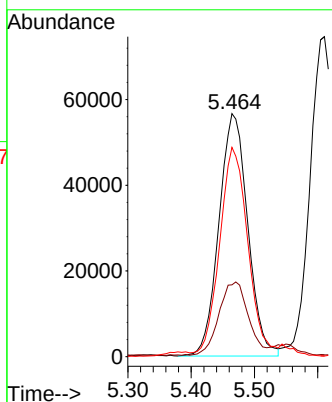
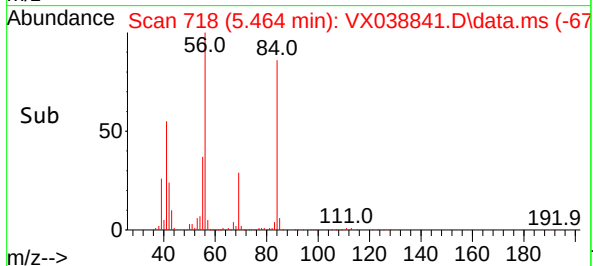
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 17864
Ion Ratio Lower Upper
56 100
69 28.9 23.4 35.2
84 84.4 65.9 98.9

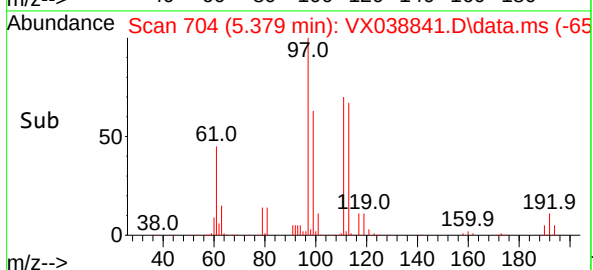
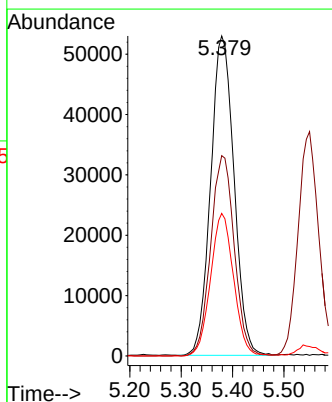
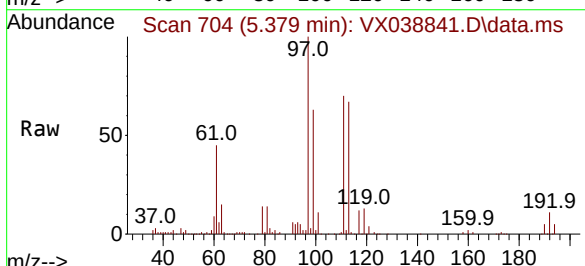
Manual Integrations
APPROVED

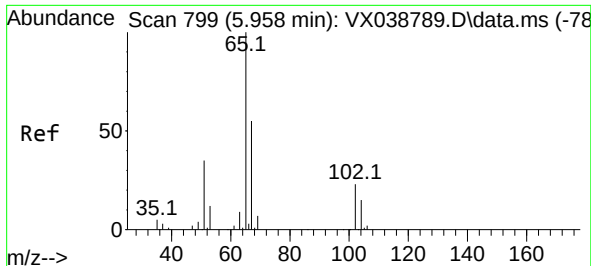
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#32
1,1,1-Trichloroethane
Concen: 46.331 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion: 97 Resp: 167229
Ion Ratio Lower Upper
97 100
99 63.3 51.1 76.7
61 44.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.553 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 127734

Ion Ratio Lower Upper

65 100

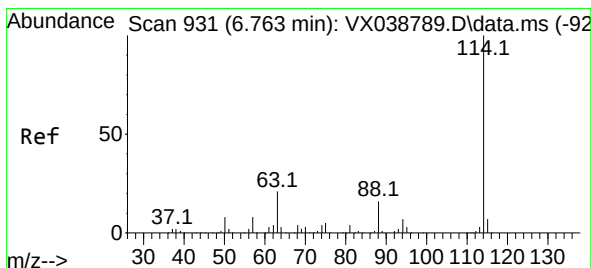
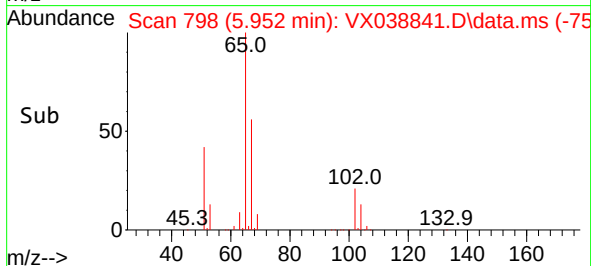
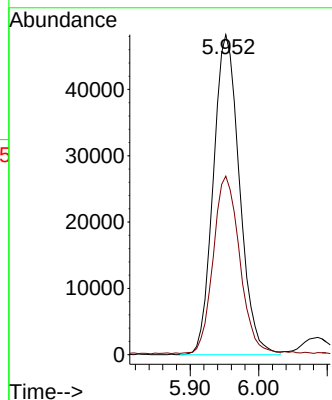
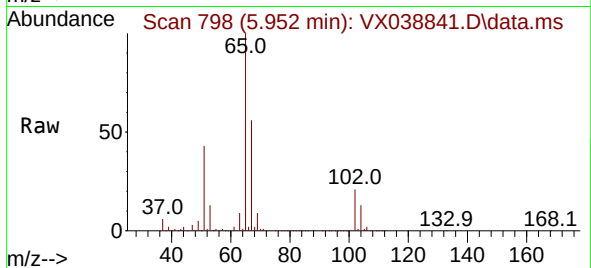
67 56.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

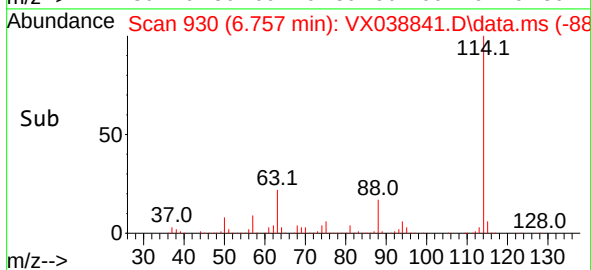
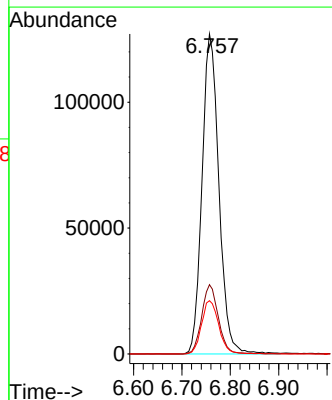
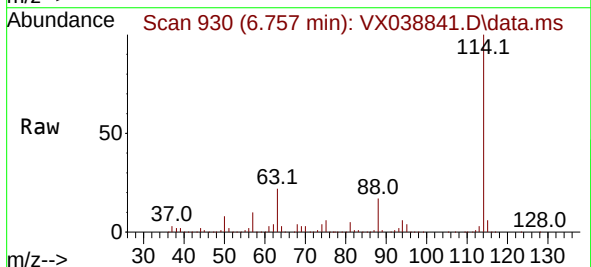
Tgt Ion:114 Resp: 307951

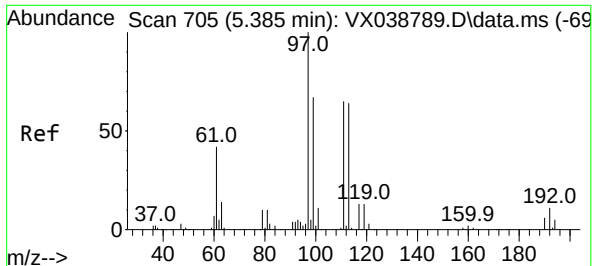
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

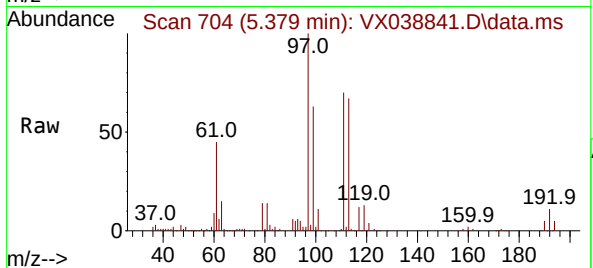
88 16.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.795 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

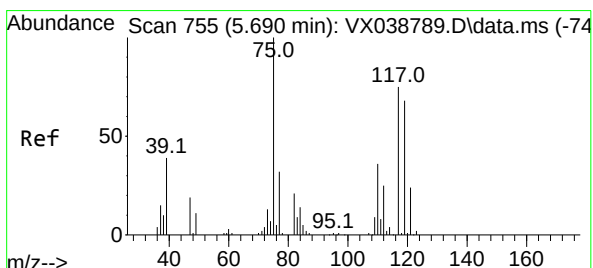
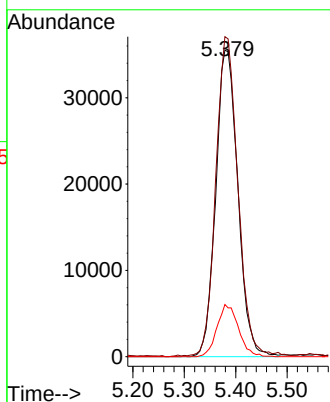
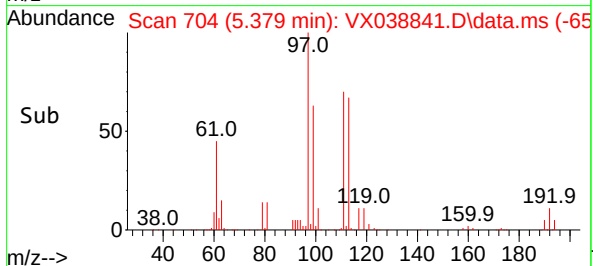
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 10630
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 16.5 13.3 19.9

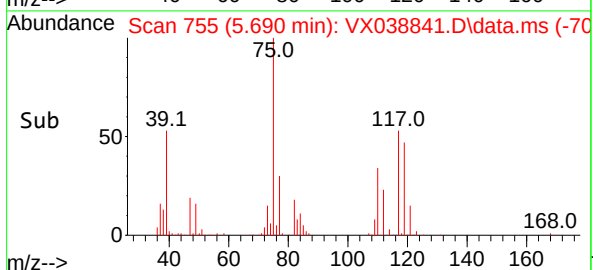
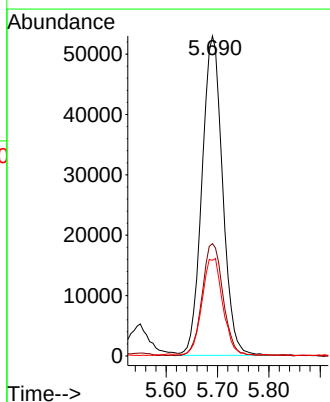
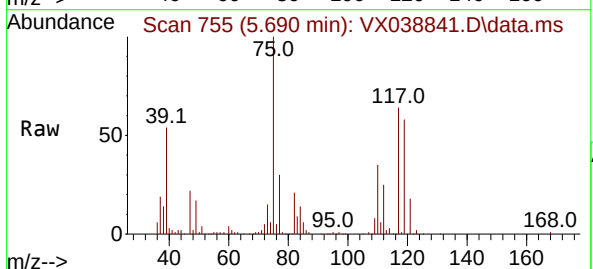
Manual Integrations
APPROVED

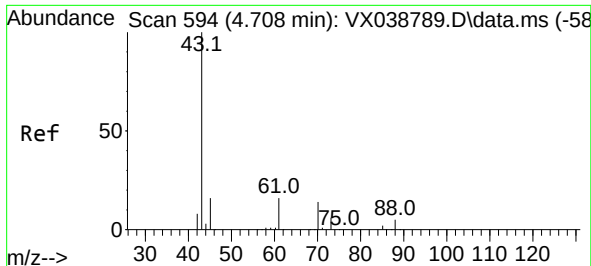
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#36
1,1-Dichloropropene
Concen: 46.121 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion: 75 Resp: 147017
Ion Ratio Lower Upper
75 100
110 35.6 17.0 50.9
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 52.424 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 217719

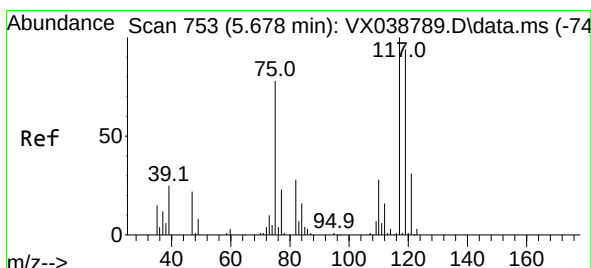
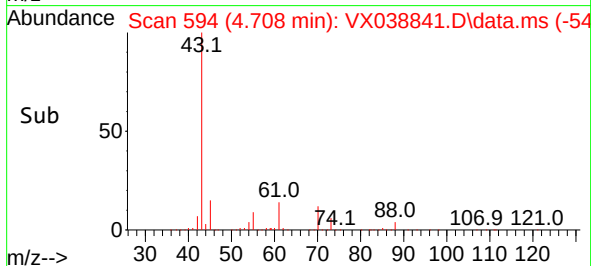
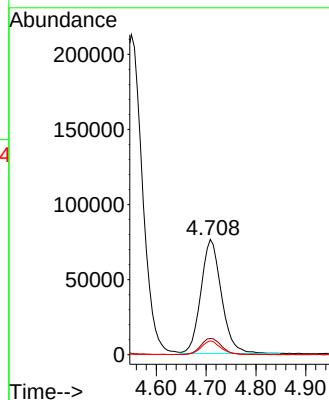
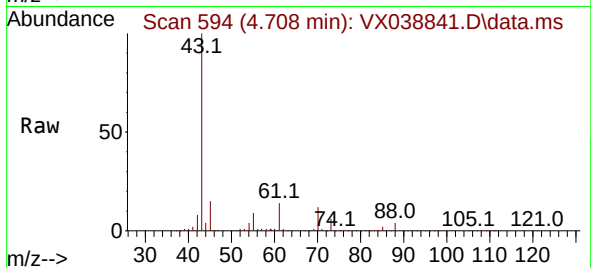
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	16.0
70	11.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#38

Carbon Tetrachloride

Concen: 47.552 ug/l

RT: 5.672 min Scan# 752

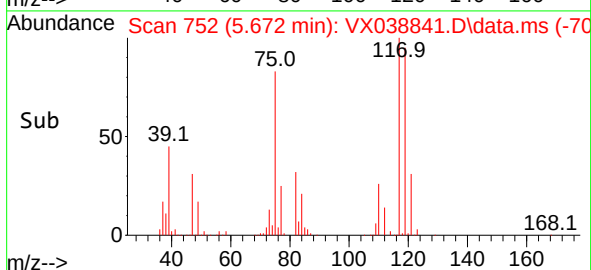
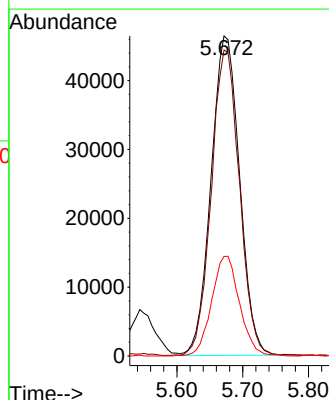
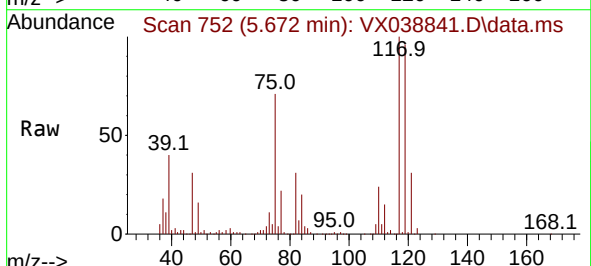
Delta R.T. -0.006 min

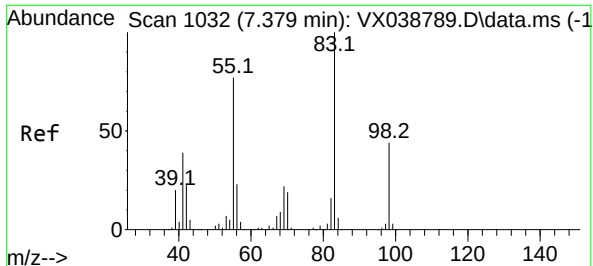
Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Tgt Ion:117 Resp: 140093

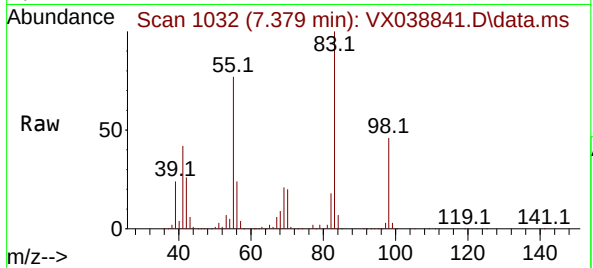
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.2	117.2
121	31.0	24.4	36.6





#39
Methylcyclohexane
Concen: 45.406 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

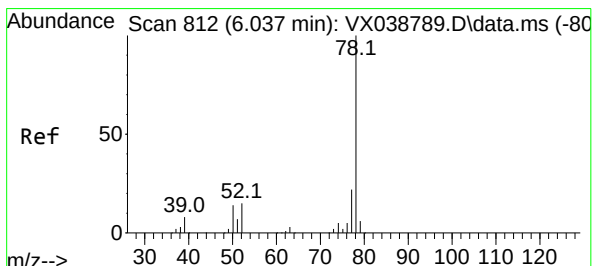
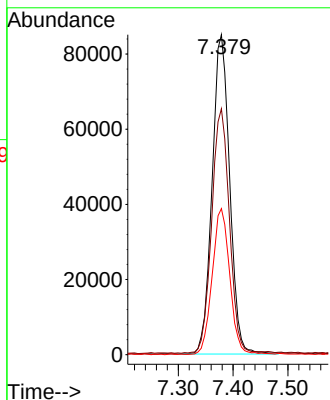
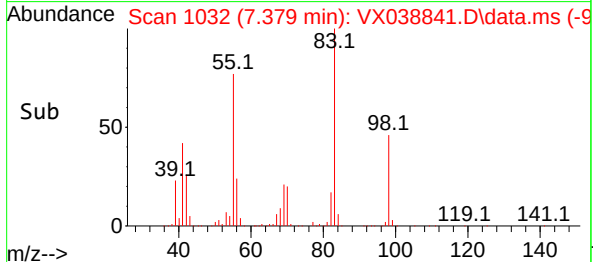
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 188790
Ion Ratio Lower Upper
83 100
55 76.5 64.6 97.0
98 45.6 36.7 55.1

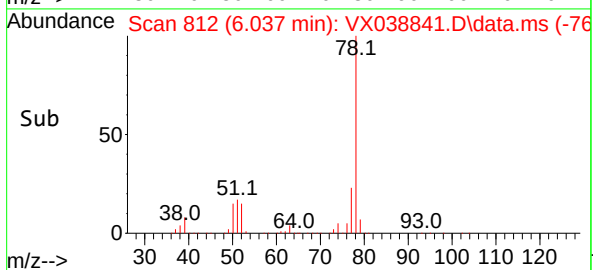
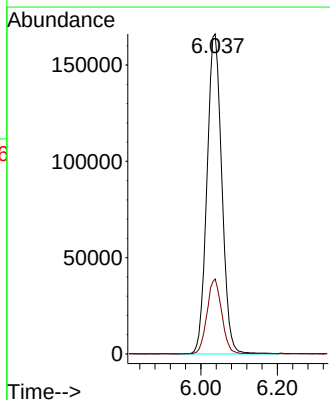
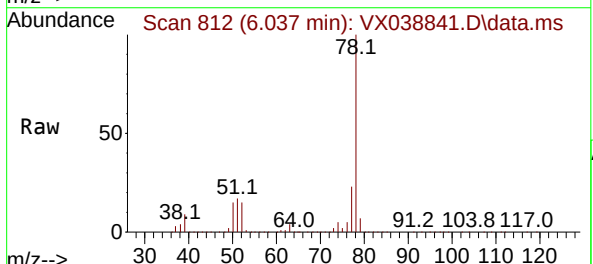
Manual Integrations
APPROVED

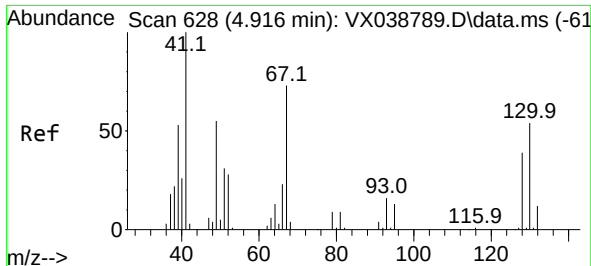
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#40
Benzene
Concen: 47.480 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion: 78 Resp: 447647
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9





#41
Methacrylonitrile
Concen: 51.847 ug/l
RT: 4.916 min Scan# 611
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

Client Sample Id :

VSTDCCC050

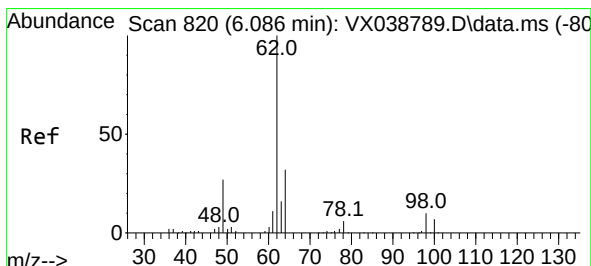
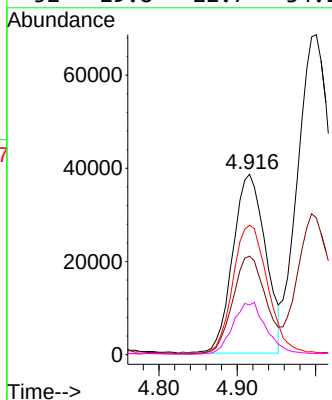
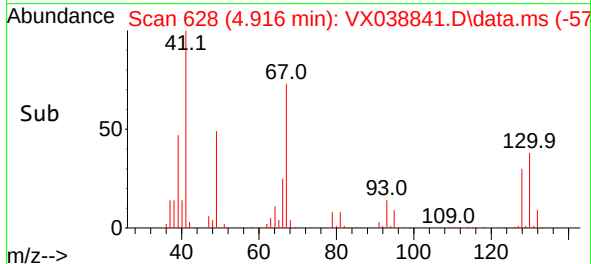
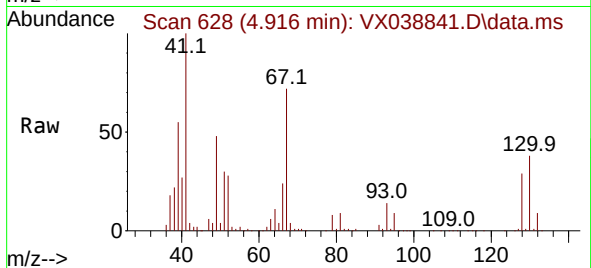
Tgt Ion: 41 Resp: 111670
Ion Ratio Lower Upper
41 100
39 54.4 45.2 67.8
67 76.1 52.6 78.8
52 29.8 22.7 34.1

Manual Integrations

APPROVED

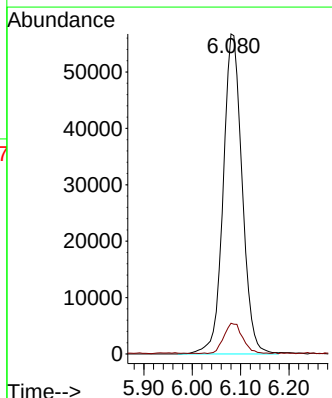
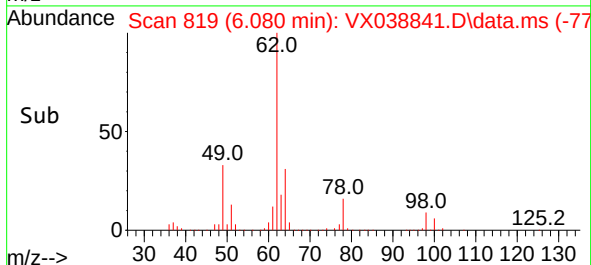
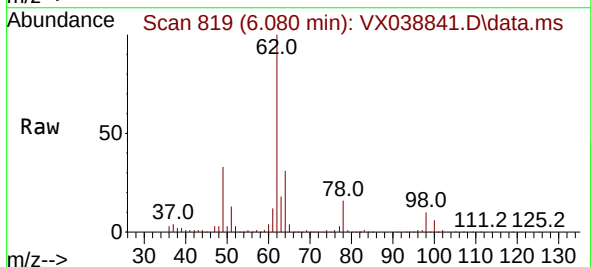
Reviewed By :John Carlone 11/17/2023

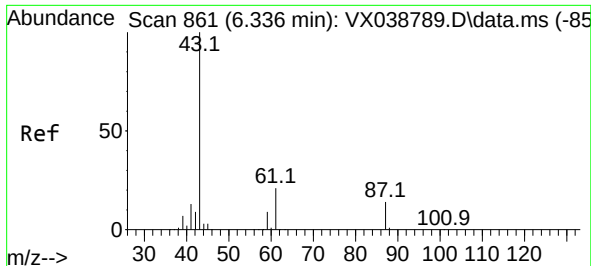
Supervised By :Mahesh Dadoda 11/17/2023



#42
1,2-Dichloroethane
Concen: 49.416 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion: 62 Resp: 154360
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 51.221 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 339958

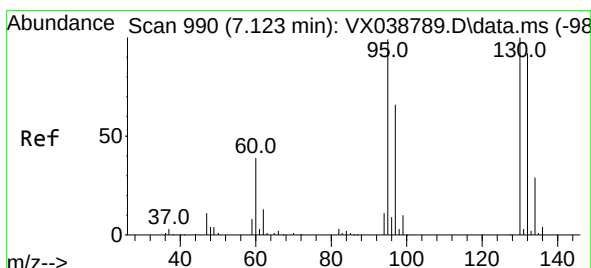
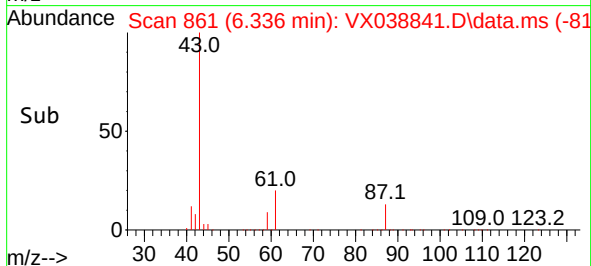
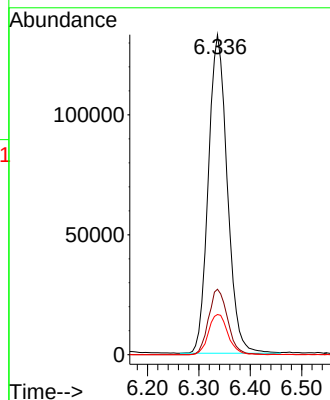
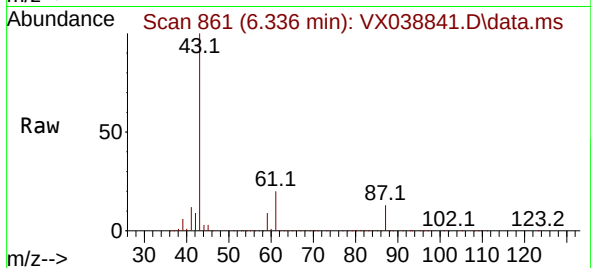
Ion	Ratio	Lower	Upper
43	100		
61	20.6	15.2	22.8
87	13.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#44

Trichloroethene

Concen: 47.501 ug/l

RT: 7.123 min Scan# 990

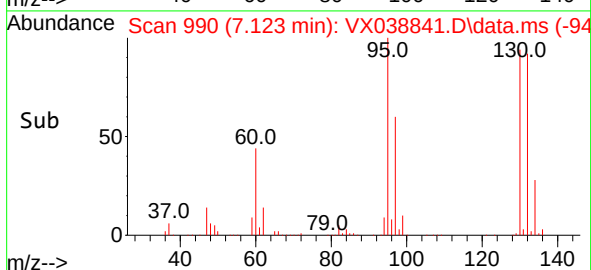
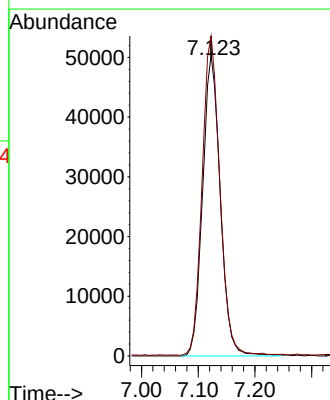
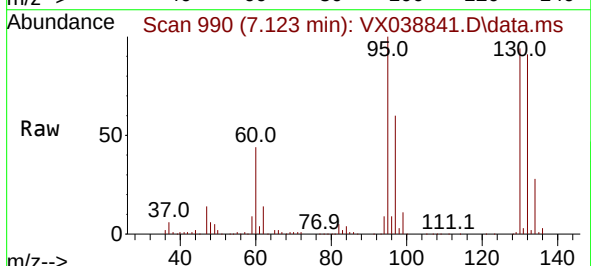
Delta R.T. -0.000 min

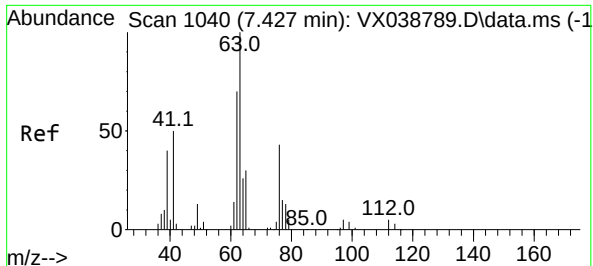
Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Tgt Ion:130 Resp: 109009

Ion	Ratio	Lower	Upper
130	100		
95	106.1	0.0	204.4





#45

1,2-Dichloropropane

Concen: 49.659 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 125994

Ion Ratio Lower Upper

63 100

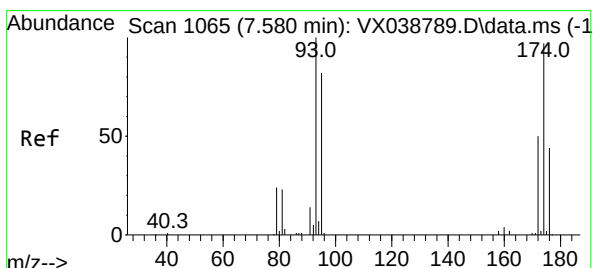
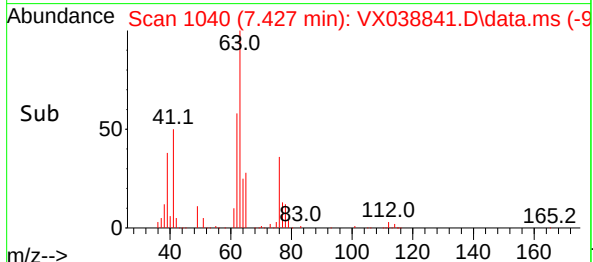
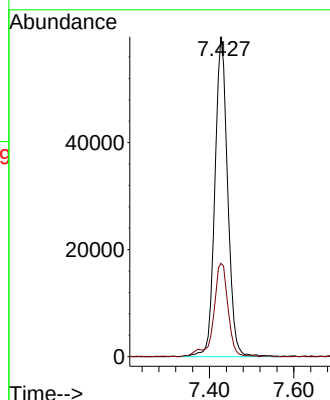
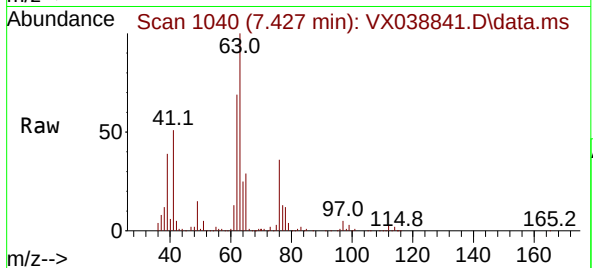
65 29.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#46

Dibromomethane

Concen: 49.389 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

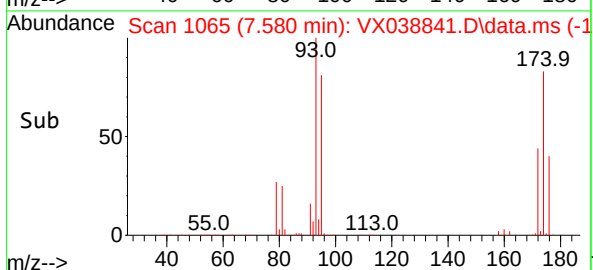
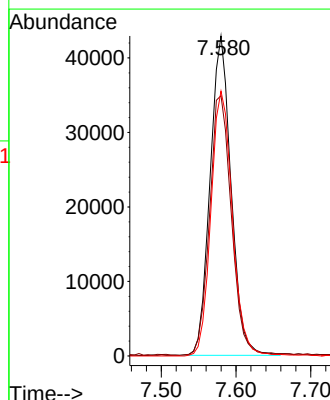
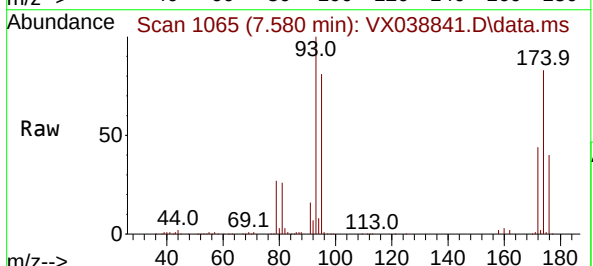
Tgt Ion: 93 Resp: 83566

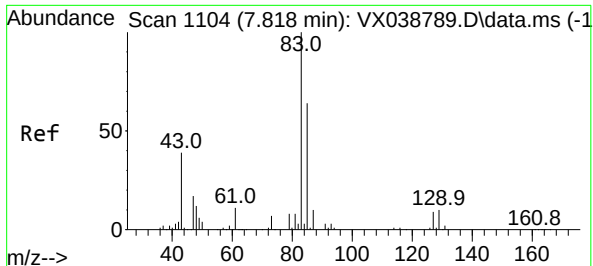
Ion Ratio Lower Upper

93 100

95 85.2 66.6 100.0

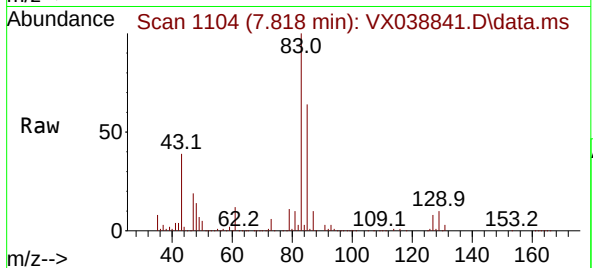
174 84.8 69.4 104.0





#47
Bromodichloromethane
Concen: 48.448 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

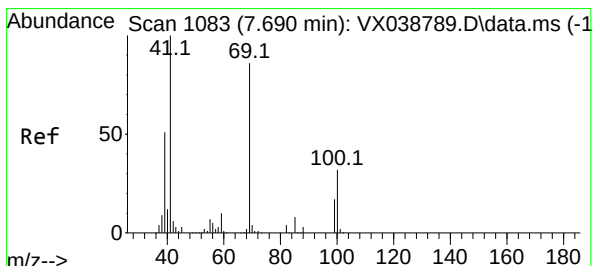
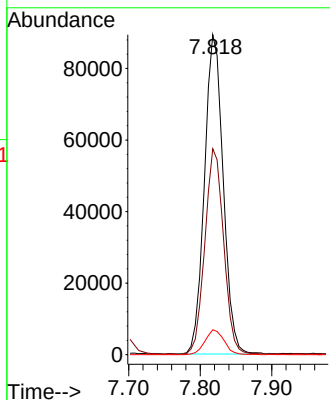
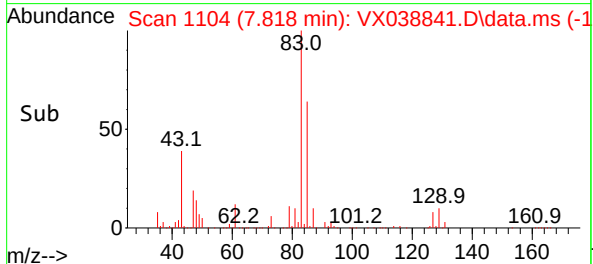
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



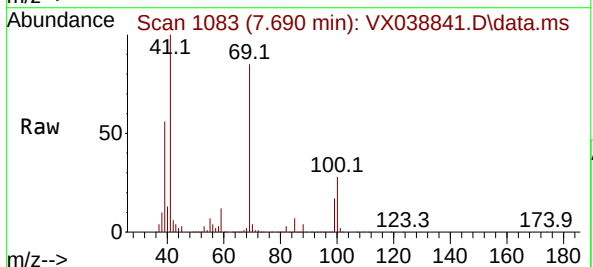
Tgt Ion: 83 Resp: 162698
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 7.8 7.1 10.7

Manual Integrations
APPROVED

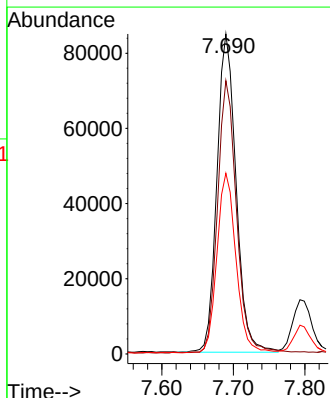
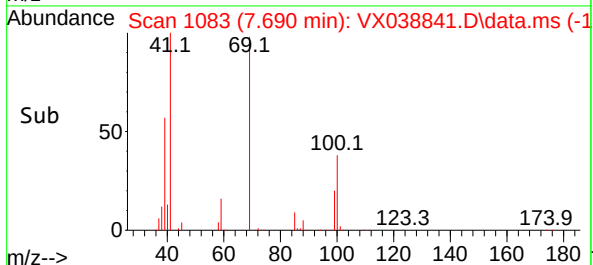
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

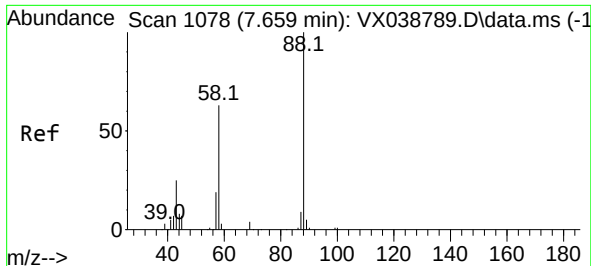


#48
Methyl methacrylate
Concen: 48.844 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29



Tgt Ion: 41 Resp: 157292
Ion Ratio Lower Upper
41 100
69 84.7 59.2 88.8
39 56.5 47.7 71.5





#49

1,4-Dioxane

Concen: 1130.125 ug/l

RT: 7.659 min Scan# 110

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

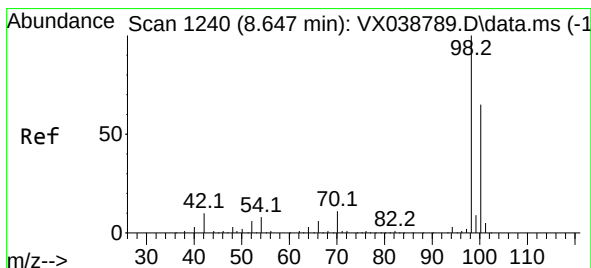
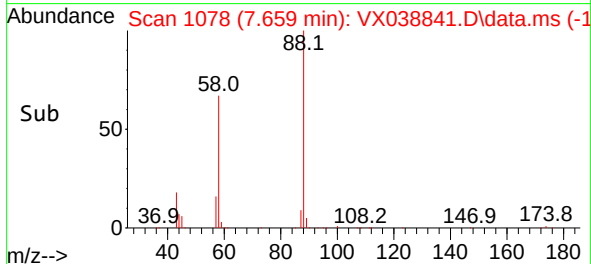
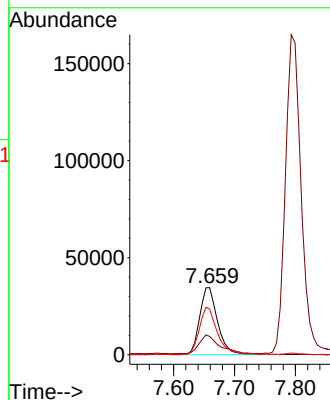
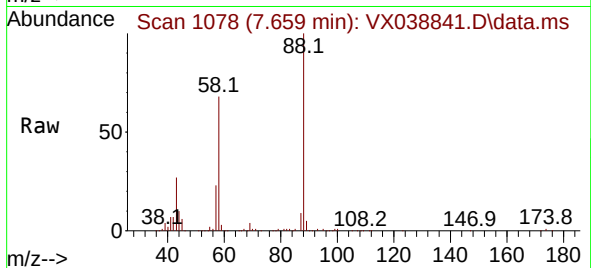
Tgt Ion: 88 Resp: 70407
 Ion Ratio Lower Upper
 88 100
 43 30.9 0.0 0.0
 58 70.0 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#50

Toluene-d8

Concen: 47.094 ug/l

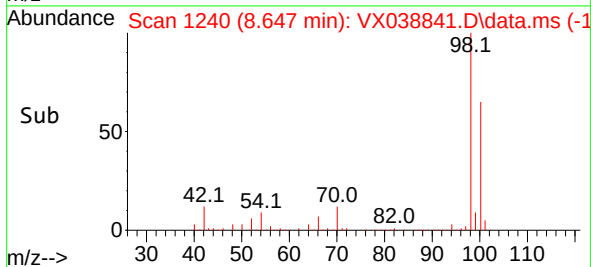
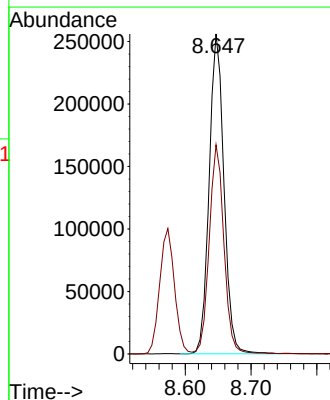
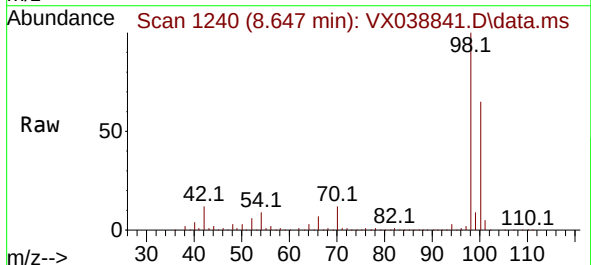
RT: 8.647 min Scan# 1240

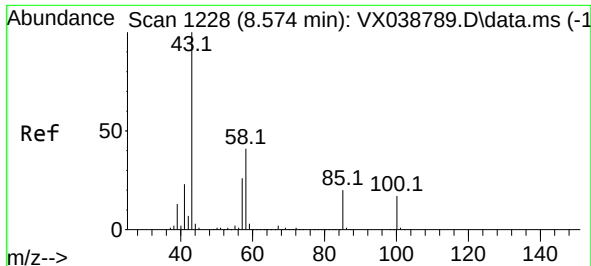
Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Tgt Ion: 98 Resp: 400744
 Ion Ratio Lower Upper
 98 100
 100 64.9 53.1 79.7





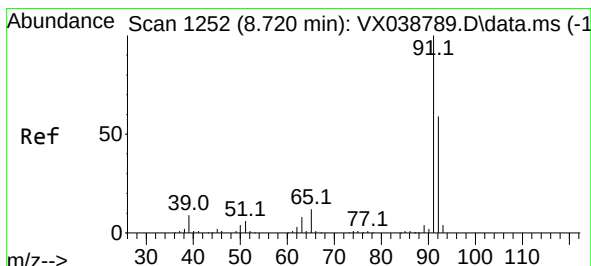
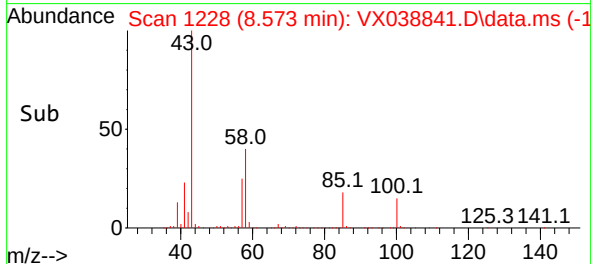
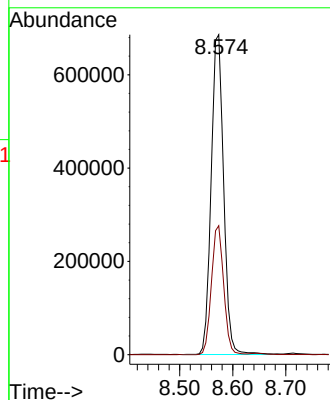
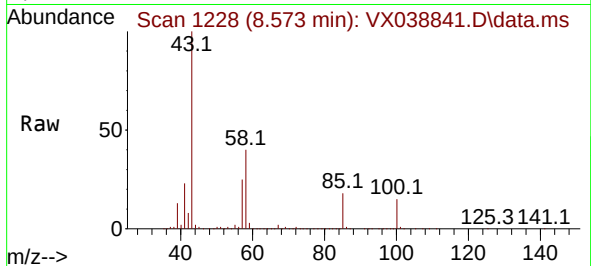
#51
4-Methyl-2-Pentanone
Concen: 264.081 ug/l
RT: 8.573 min Scan# 1120090
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1120090
Ion Ratio Lower Upper
43 100
58 39.6 30.4 45.6

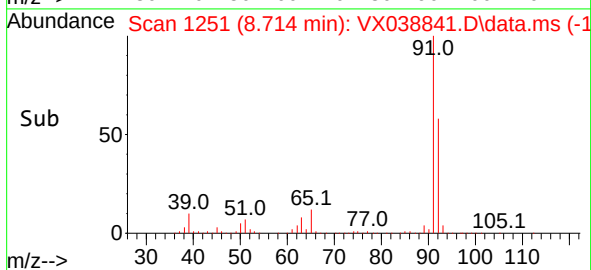
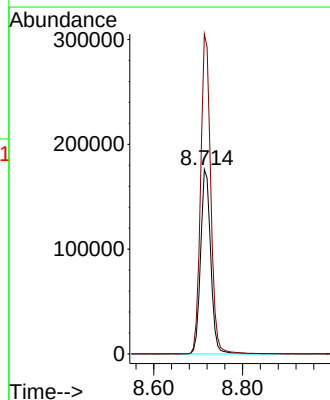
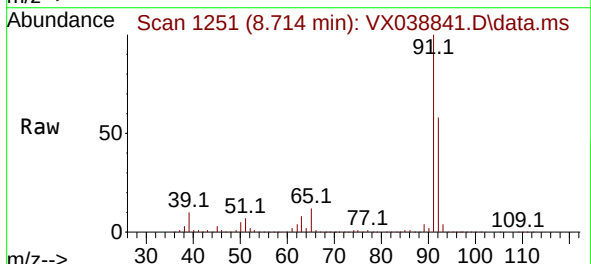
Manual Integrations
APPROVED

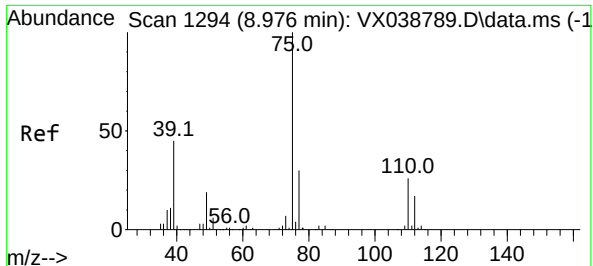
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#52
Toluene
Concen: 47.611 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion: 92 Resp: 278551
Ion Ratio Lower Upper
92 100
91 172.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 48.770 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 194630

Ion Ratio Lower Upper

75 100

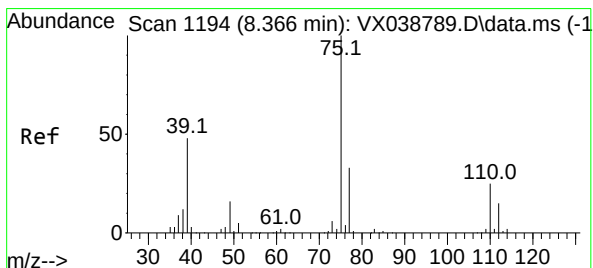
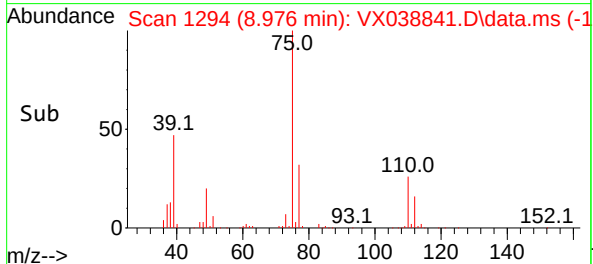
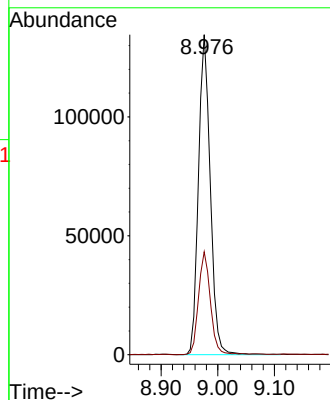
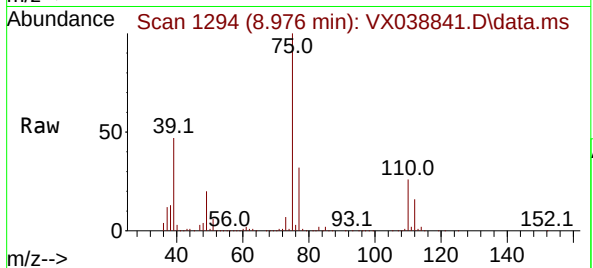
77 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#54

cis-1,3-Dichloropropene

Concen: 49.480 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

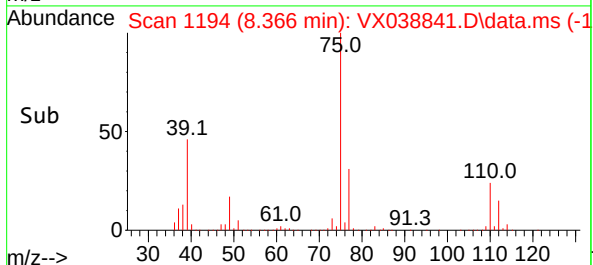
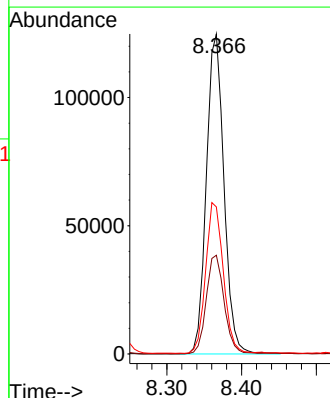
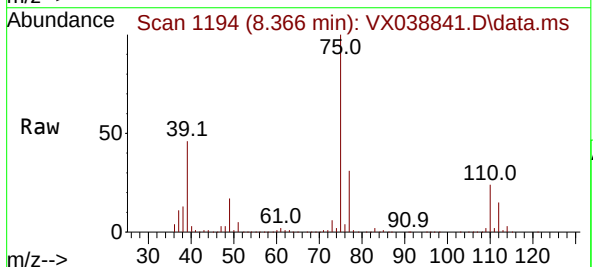
Tgt Ion: 75 Resp: 203968

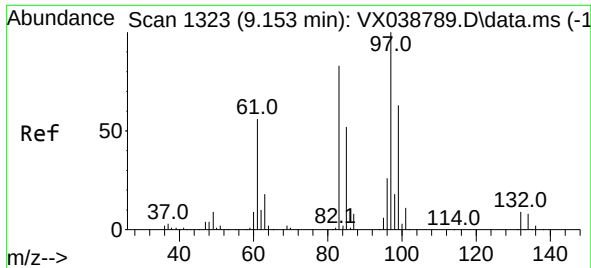
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

39 45.7 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 49.166 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

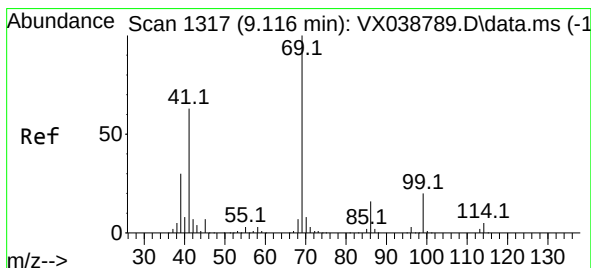
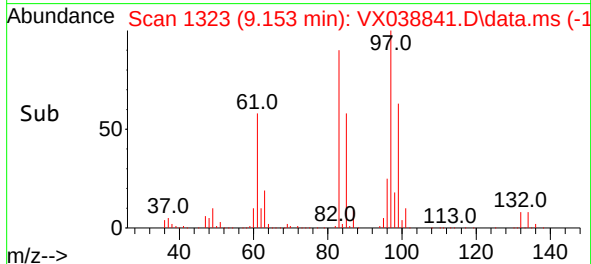
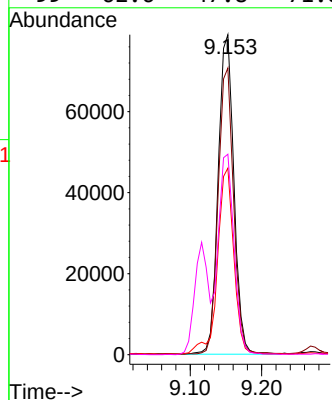
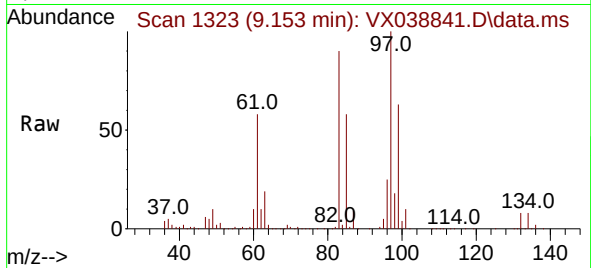
Tgt Ion: 97	Resp: 12002
Ion Ratio	Lower Upper
97 100	
83 89.5	65.8 98.8
85 58.2	41.6 62.4
99 62.6	47.8 71.8

Manual Integrations

APPROVED

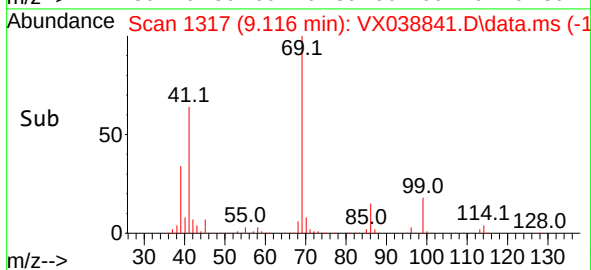
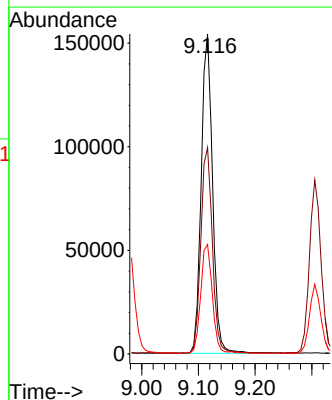
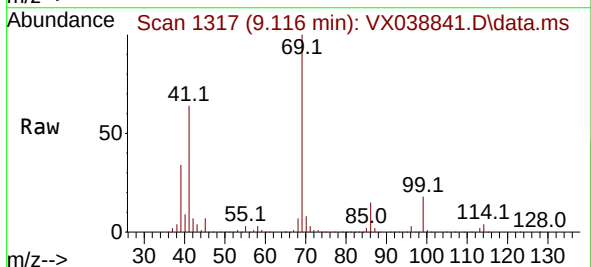
Reviewed By :John Carlone 11/17/2023

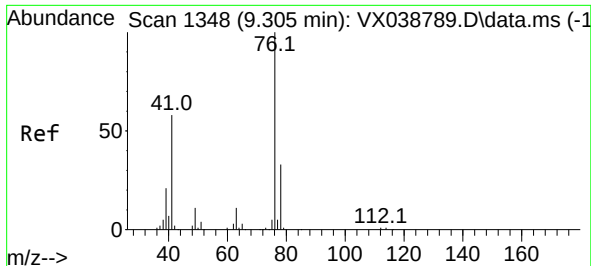
Supervised By :Mahesh Dadoda 11/17/2023



#56
Ethyl methacrylate
Concen: 51.707 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion: 69	Resp: 213573
Ion Ratio	Lower Upper
69 100	
41 65.4	56.8 85.2
39 35.2	32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.210 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 202714

Ion Ratio Lower Upper

76 100

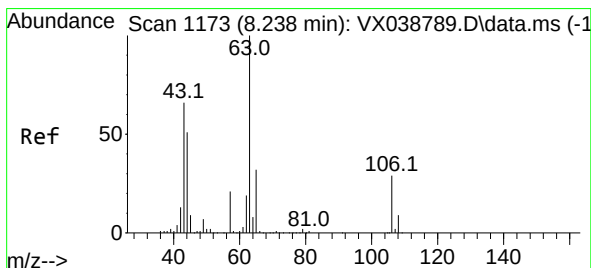
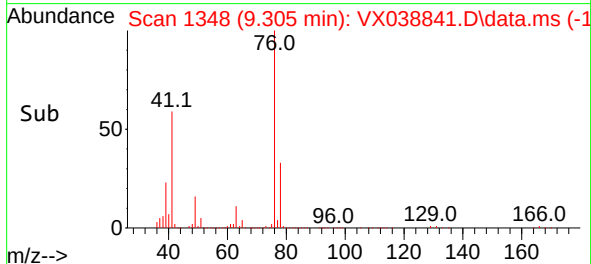
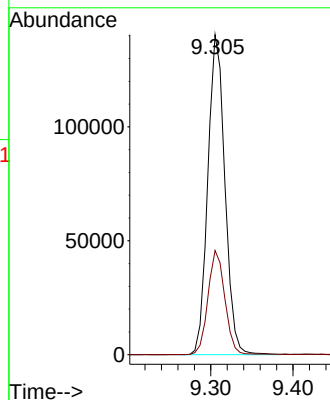
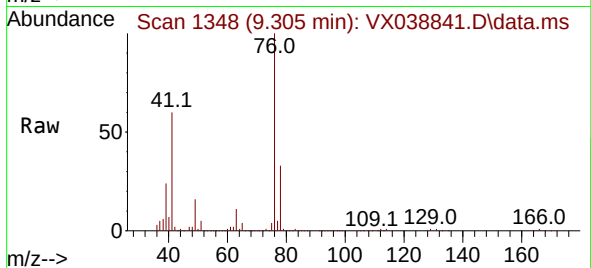
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 268.187 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX038841.D

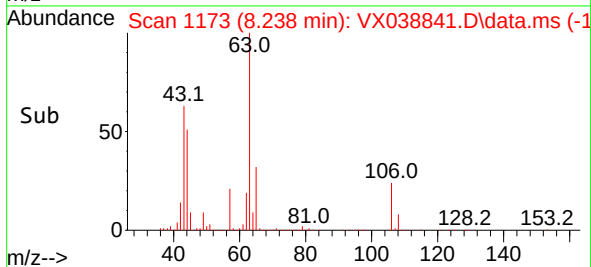
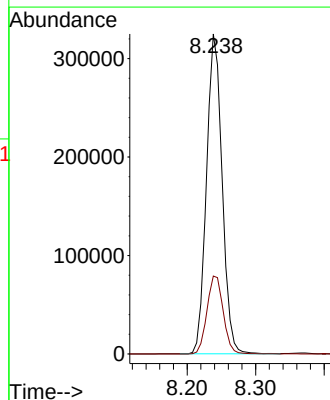
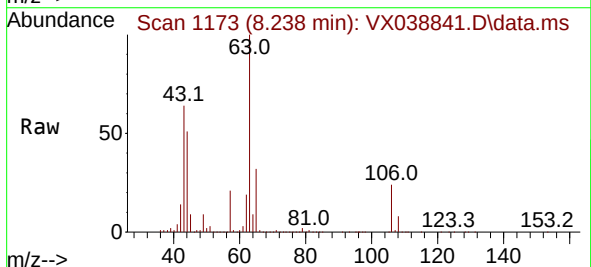
Acq: 16 Nov 2023 16:29

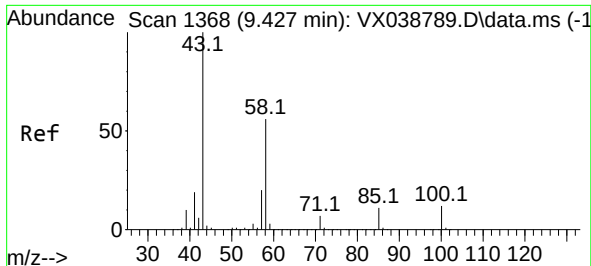
Tgt Ion: 63 Resp: 516026

Ion Ratio Lower Upper

63 100

106 25.3 22.5 33.7





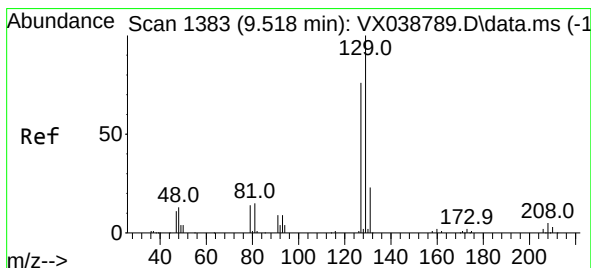
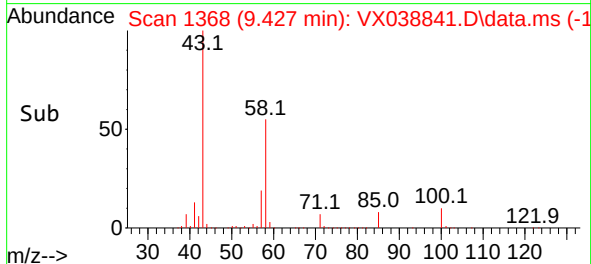
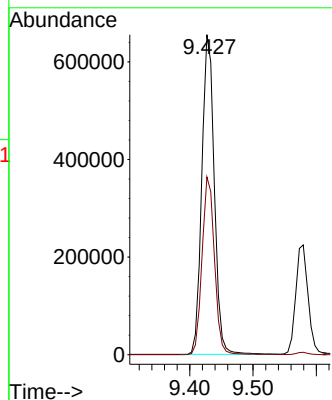
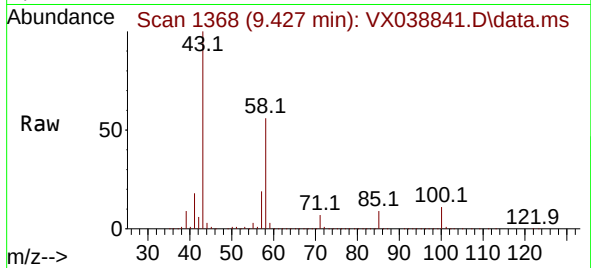
#59
2-Hexanone
Concen: 265.369 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 902168
Ion Ratio Lower Upper
43 100
58 55.4 26.2 78.5

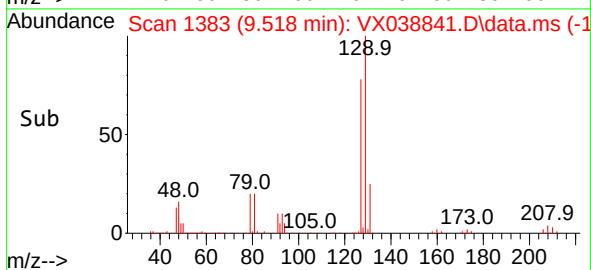
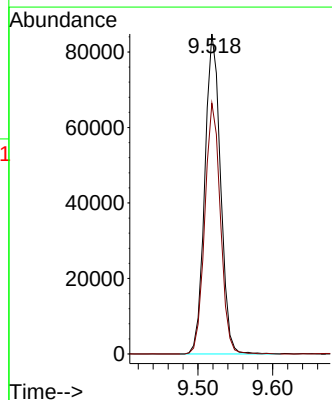
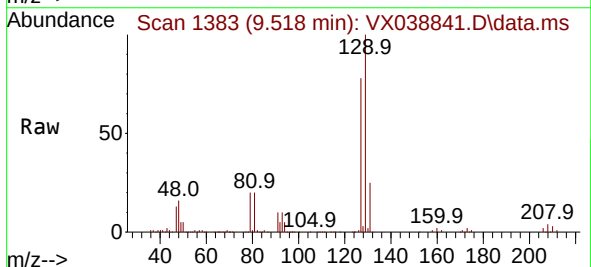
Manual Integrations
APPROVED

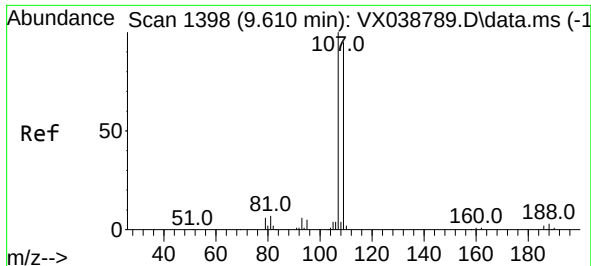
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#60
Dibromochloromethane
Concen: 49.820 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

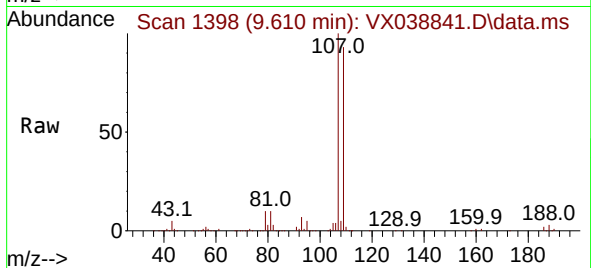
Tgt Ion:129 Resp: 123664
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.957 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

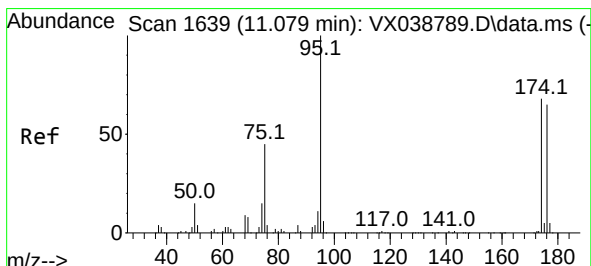
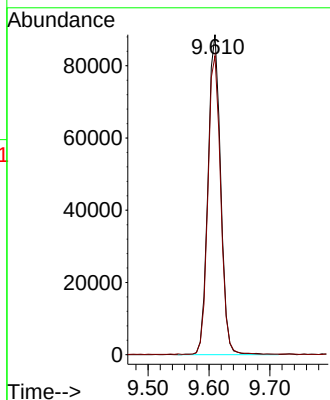
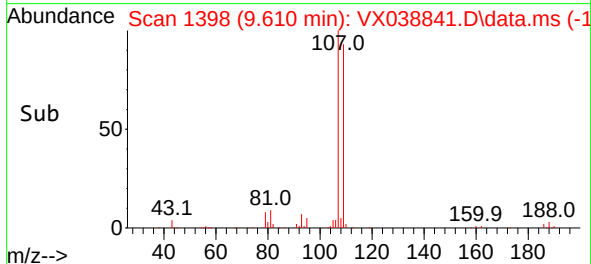
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 127972
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

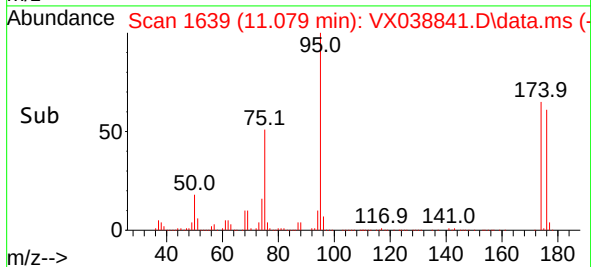
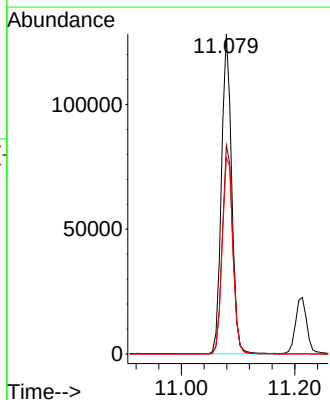
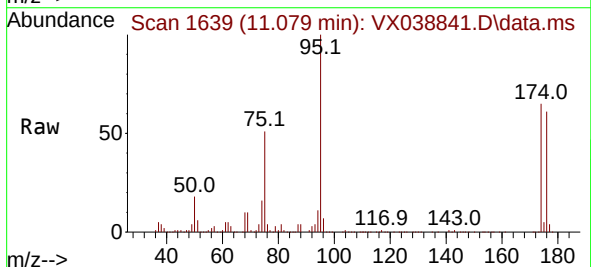
Manual Integrations
APPROVED

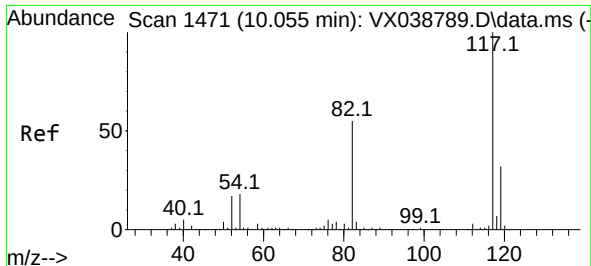
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#62
4-Bromofluorobenzene
Concen: 46.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

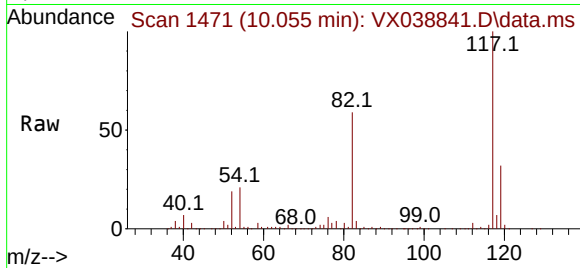
Tgt Ion: 95 Resp: 159202
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 64.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

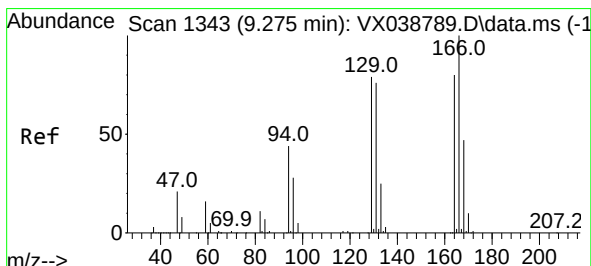
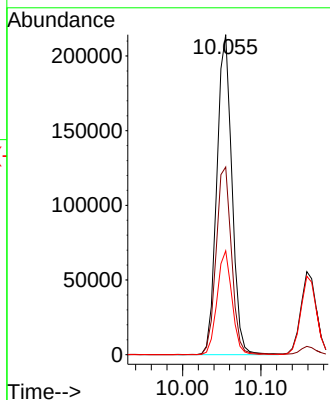
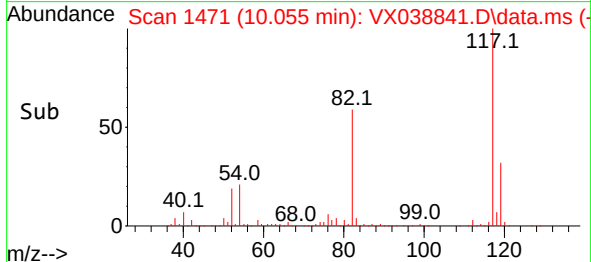
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 287920
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 32.4 25.5 38.3

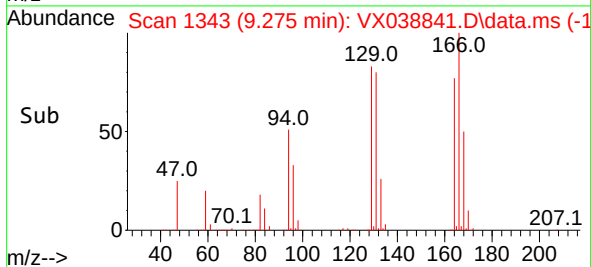
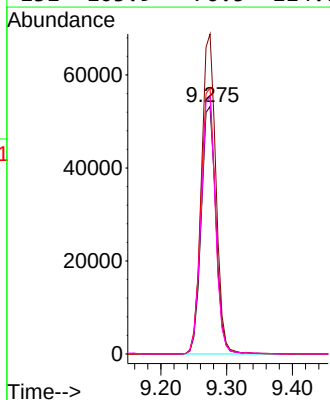
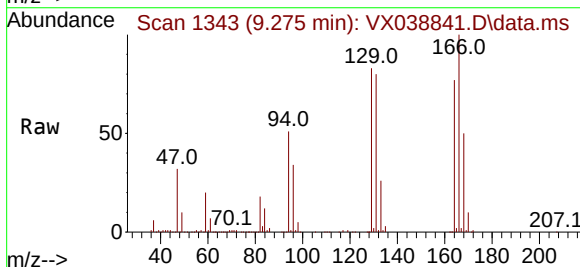
Manual Integrations
APPROVED

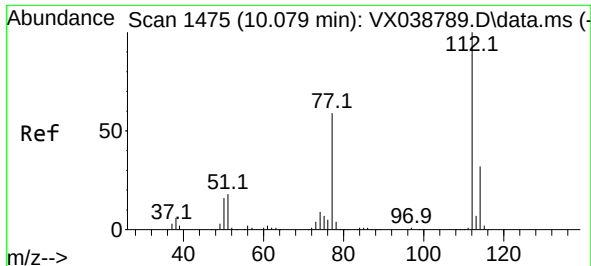
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#64
Tetrachloroethene
Concen: 45.995 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion:164 Resp: 82317
Ion Ratio Lower Upper
164 100
166 129.3 102.7 154.1
129 107.6 80.4 120.6
131 103.9 76.5 114.7





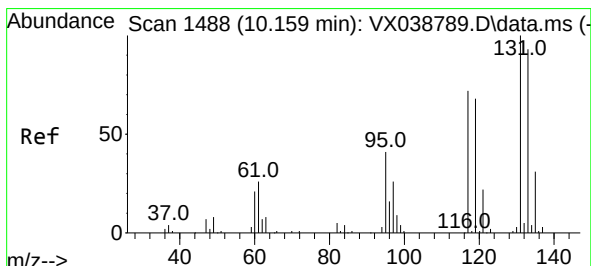
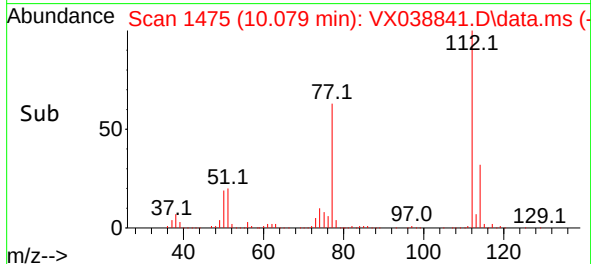
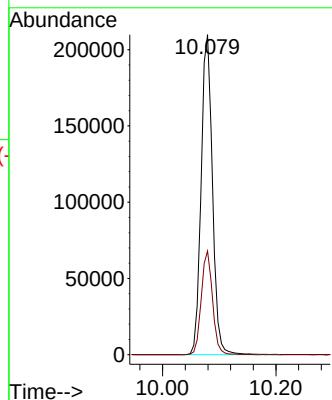
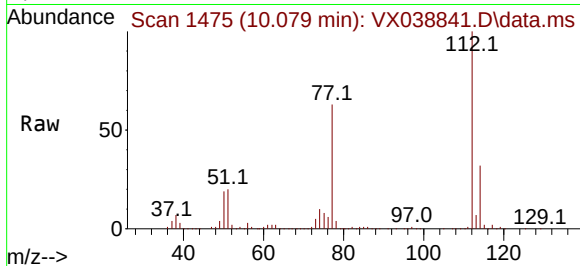
#65
Chlorobenzene
Concen: 46.909 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 29094
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

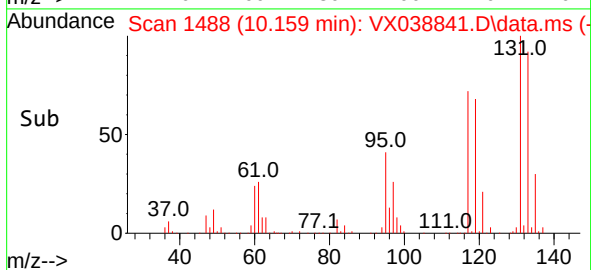
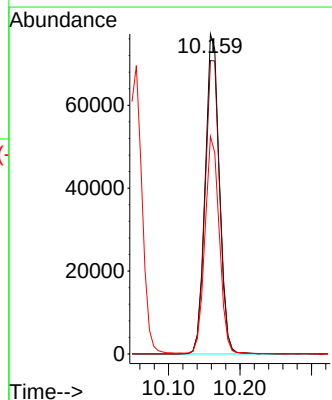
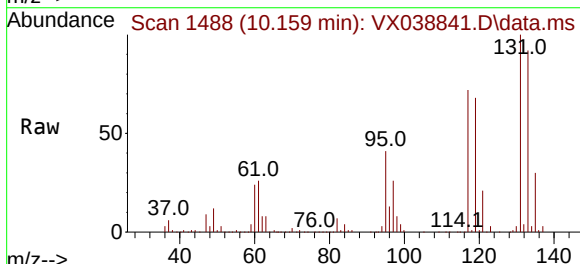
Manual Integrations
APPROVED

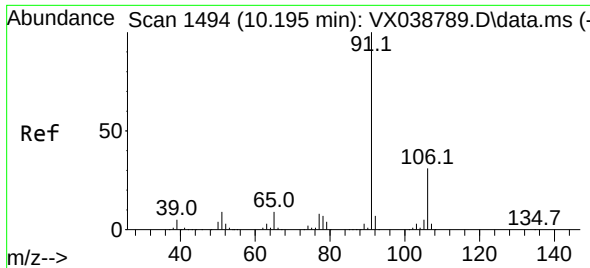
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.876 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion:131 Resp: 106813
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 69.0 32.2 96.6





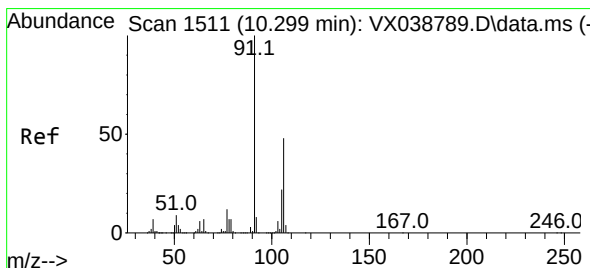
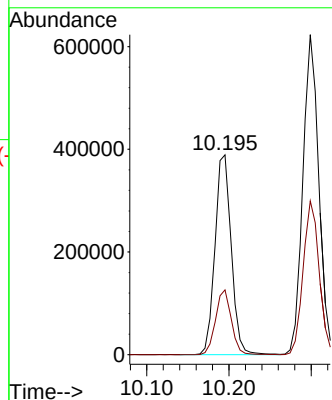
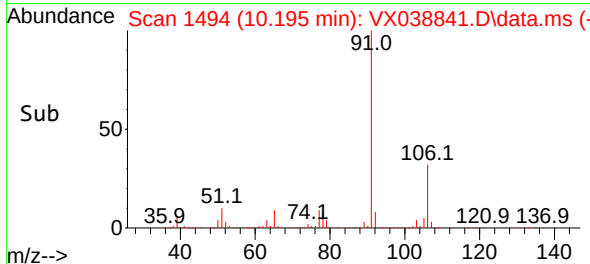
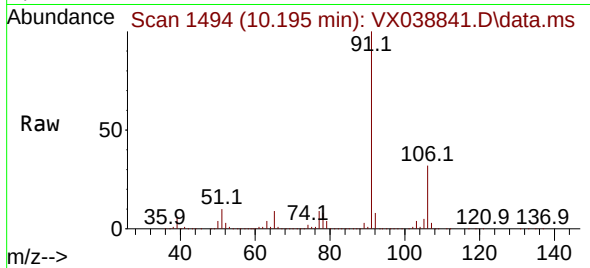
#67
Ethyl Benzene
Concen: 46.893 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 53435
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3

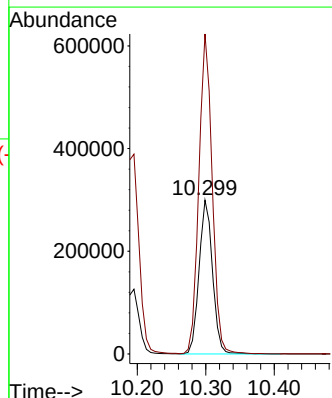
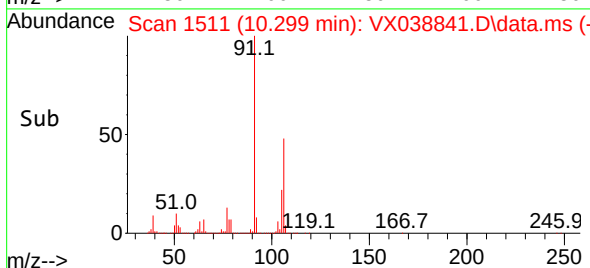
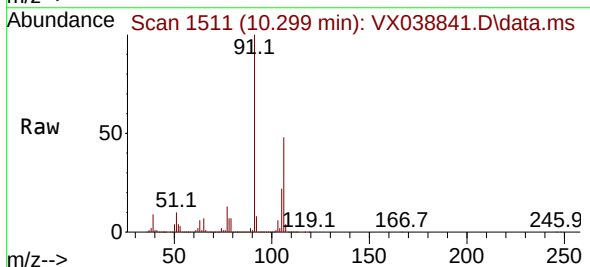
Manual Integrations
APPROVED

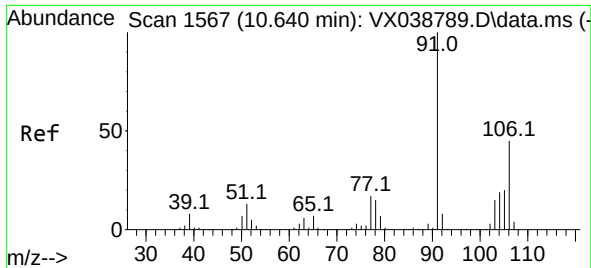
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#68
m/p-Xylenes
Concen: 94.866 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion:106 Resp: 408921
Ion Ratio Lower Upper
106 100
91 206.7 165.5 248.3





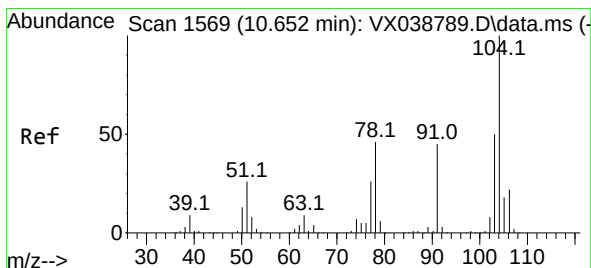
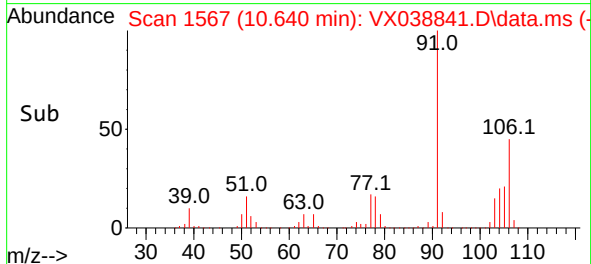
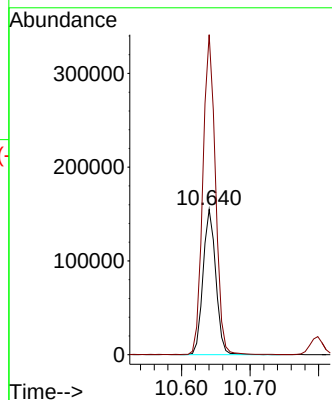
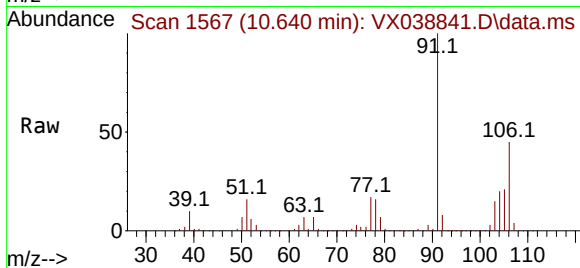
#69
o-Xylene
Concen: 47.134 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 201038
Ion Ratio Lower Upper
106 100
91 217.4 108.9 326.8

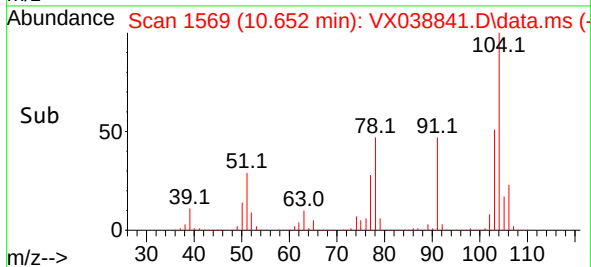
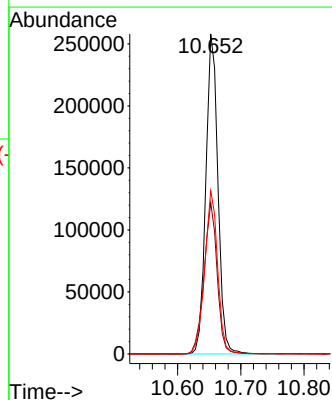
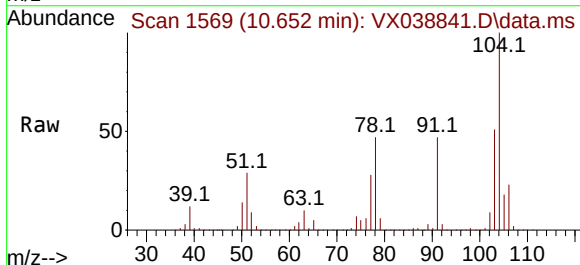
Manual Integrations
APPROVED

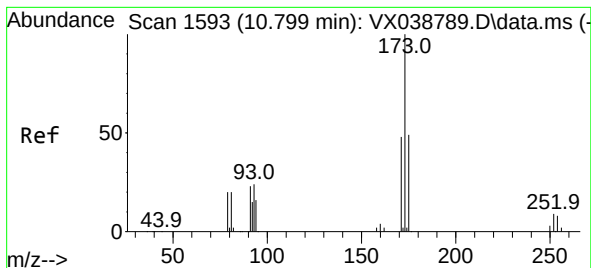
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#70
Styrene
Concen: 47.912 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion:104 Resp: 345127
Ion Ratio Lower Upper
104 100
78 51.2 43.6 65.4
103 54.6 43.6 65.4





#71

Bromoform

Concen: 50.081 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

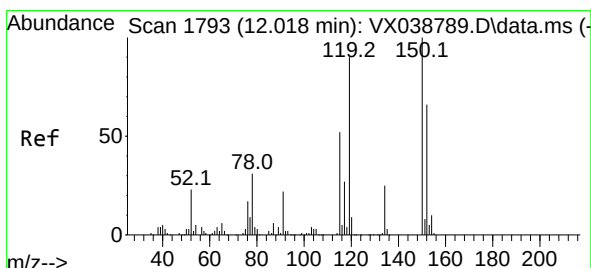
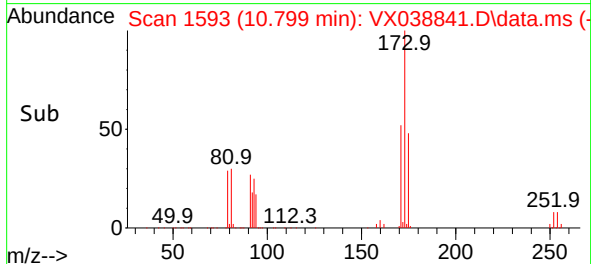
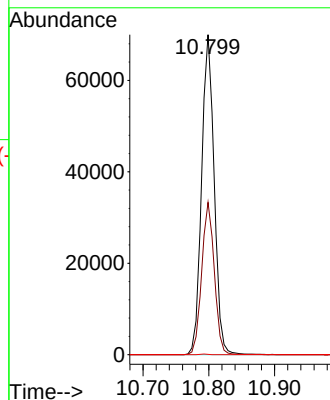
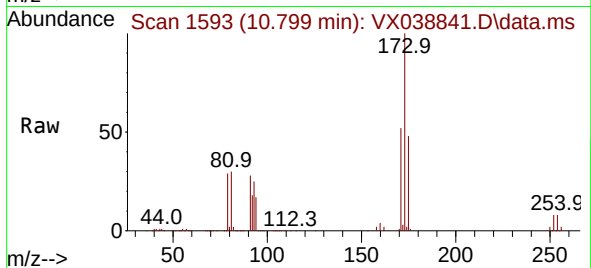
Tgt Ion:173 Resp: 93140
 Ion Ratio Lower Upper
 173 100
 175 47.6 24.1 72.4
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

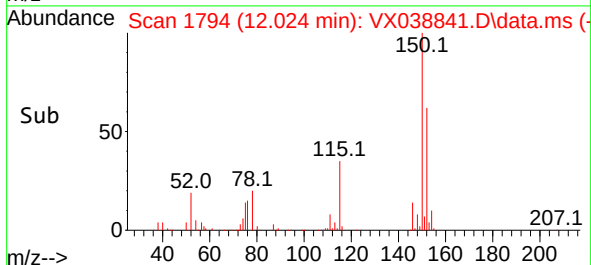
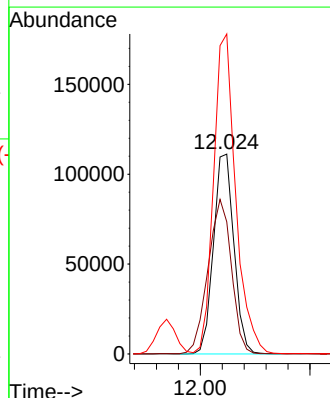
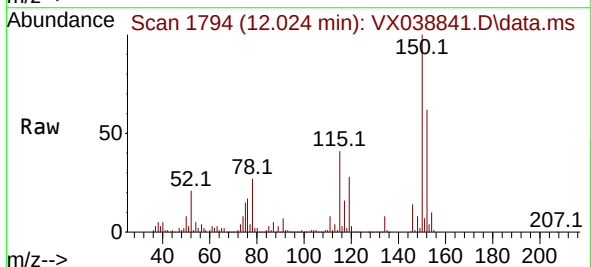
RT: 12.024 min Scan# 1794

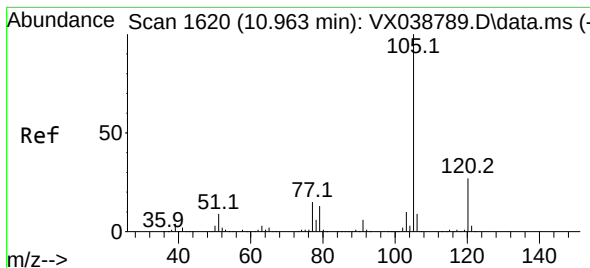
Delta R.T. 0.006 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Tgt Ion:152 Resp: 144103
 Ion Ratio Lower Upper
 152 100
 115 88.7 43.3 129.9
 150 172.4 0.0 345.0





#73

Isopropylbenzene

Concen: 45.716 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 51328

Ion Ratio Lower Upper

105 100

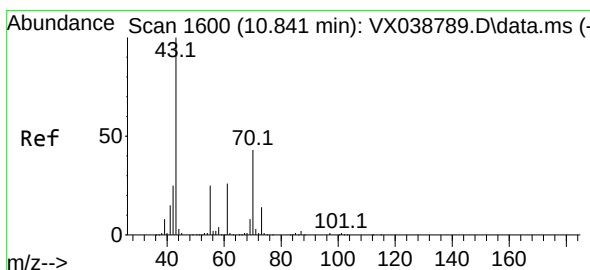
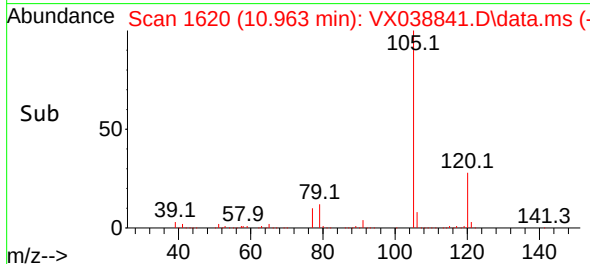
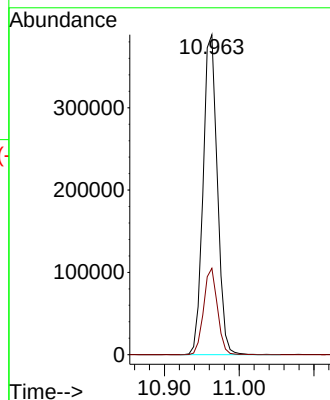
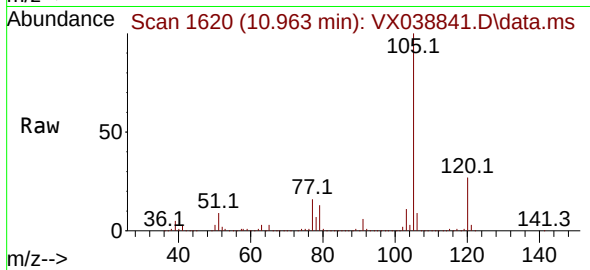
120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#74

N-ethyl acetate

Concen: 49.691 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Tgt Ion: 43 Resp: 294926

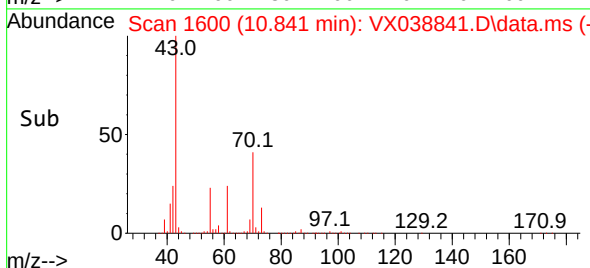
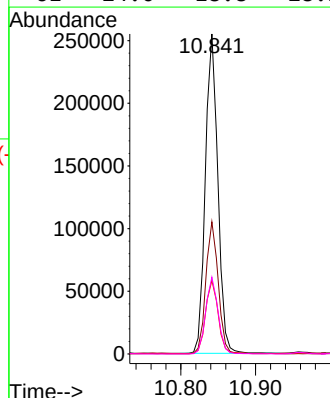
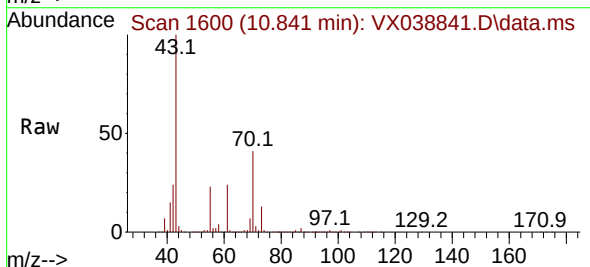
Ion Ratio Lower Upper

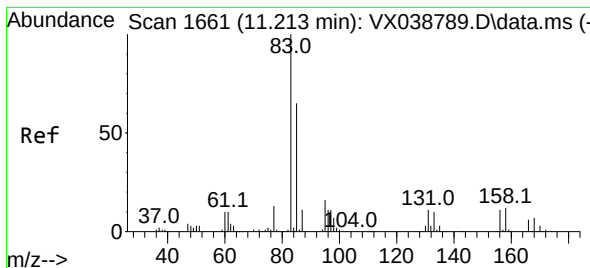
43 100

70 41.0 32.9 49.3

55 22.8 19.3 28.9

61 24.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.592 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 212972

Ion Ratio Lower Upper

83 100

131 8.9 5.3 15.8

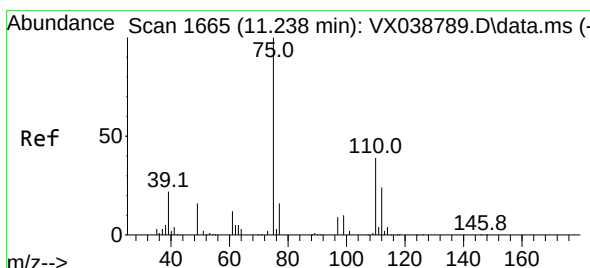
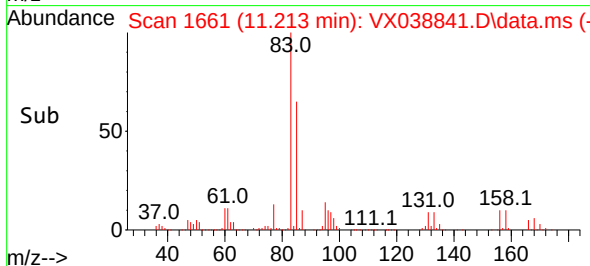
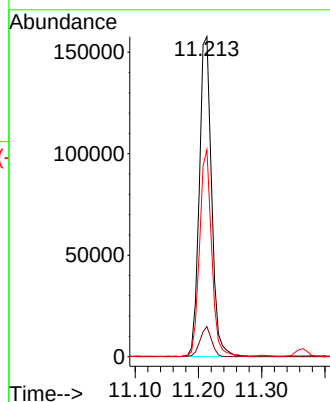
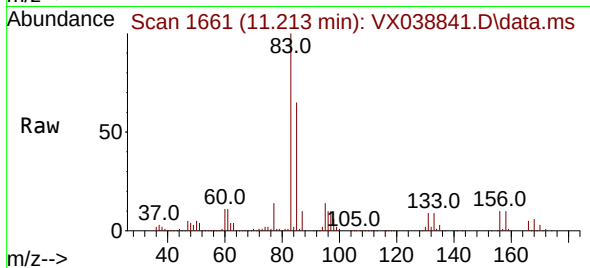
85 63.4 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#76

1,2,3-Trichloropropane

Concen: 50.508 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX038841.D

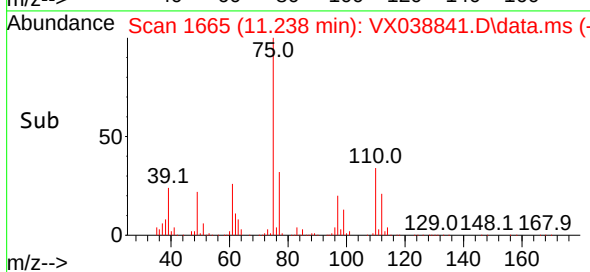
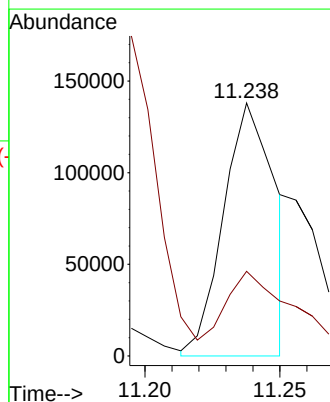
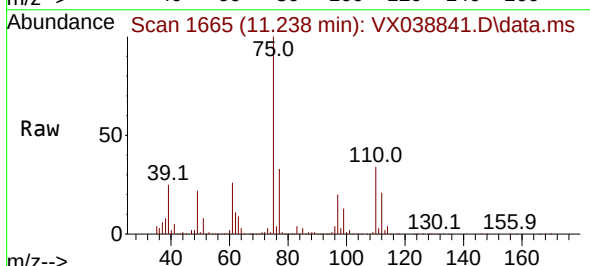
Acq: 16 Nov 2023 16:29

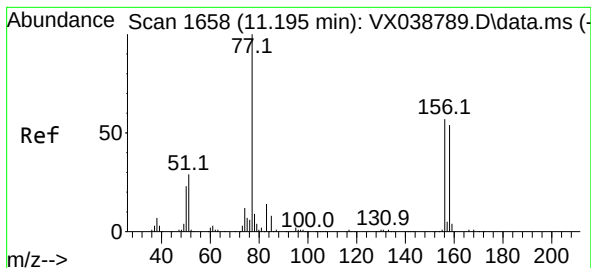
Tgt Ion: 75 Resp: 181592

Ion Ratio Lower Upper

75 100

77 45.8 19.1 57.5





#77

Bromobenzene

Concen: 46.003 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

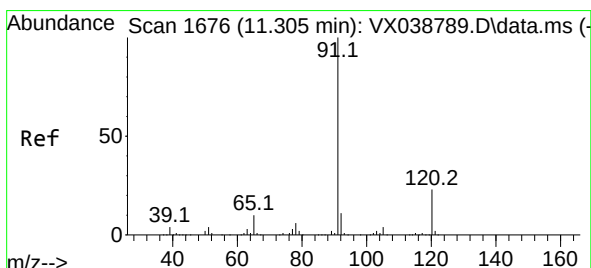
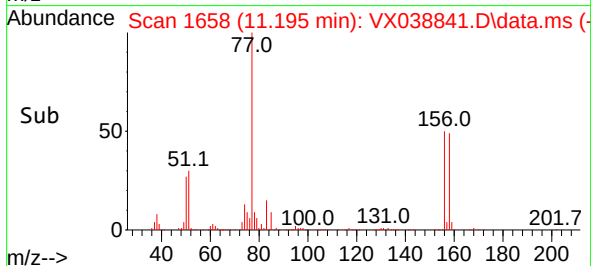
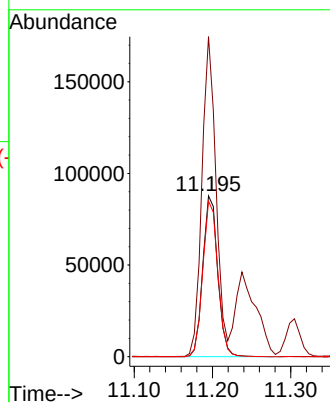
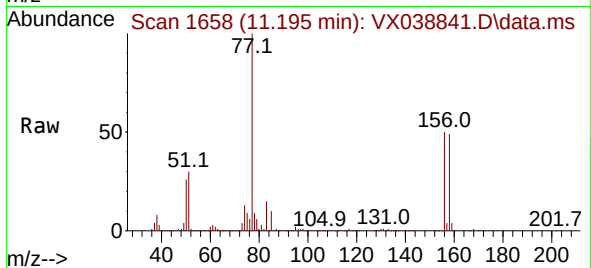
Tgt Ion:	156	Resp:	116058
Ion Ratio	Lower	Upper	
156	100		
77	187.5	88.4	265.3
158	97.7	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#78

n-propylbenzene

Concen: 46.257 ug/l

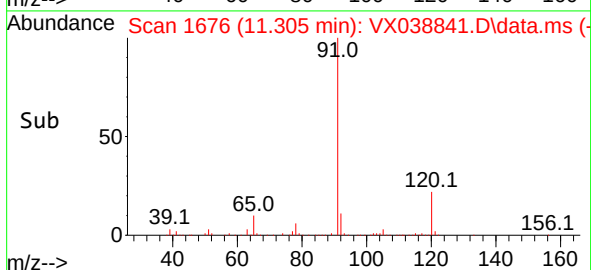
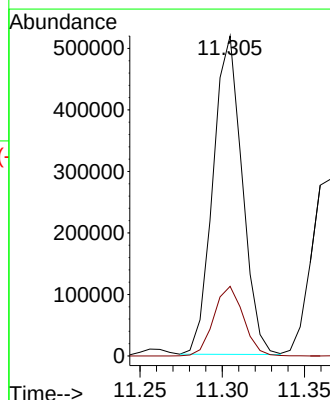
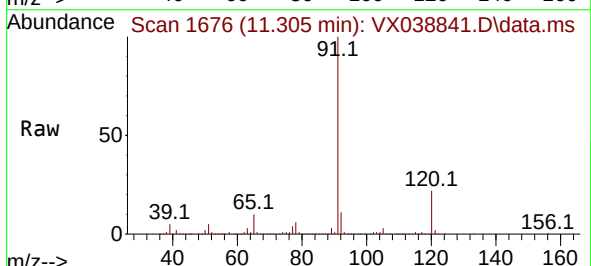
RT: 11.305 min Scan# 1676

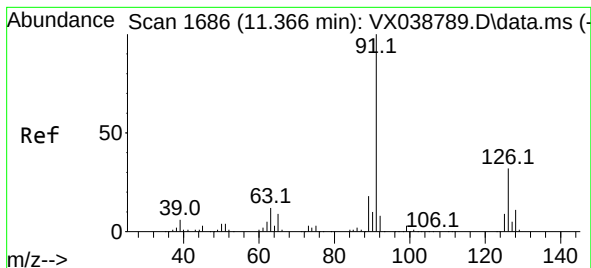
Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Tgt Ion:	91	Resp:	639278
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 45.545 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 37354

Ion Ratio Lower Upper

91 100

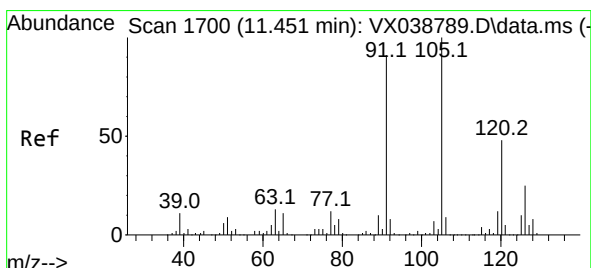
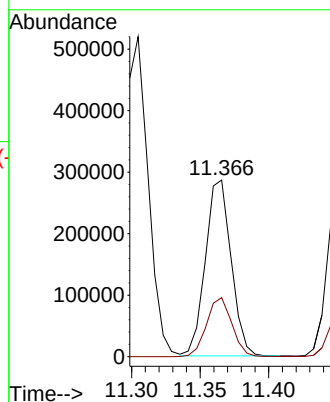
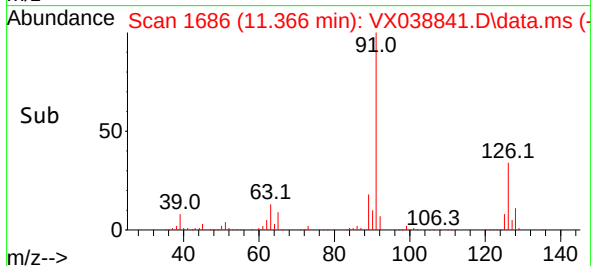
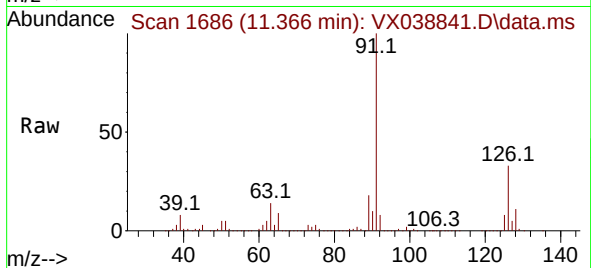
126 33.1 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#80

1,3,5-Trimethylbenzene

Concen: 46.953 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX038841.D

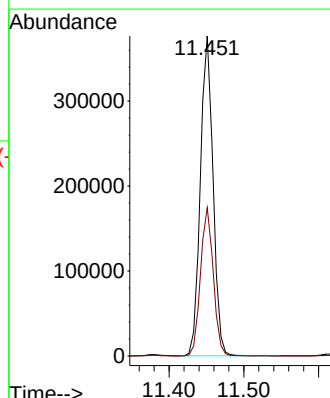
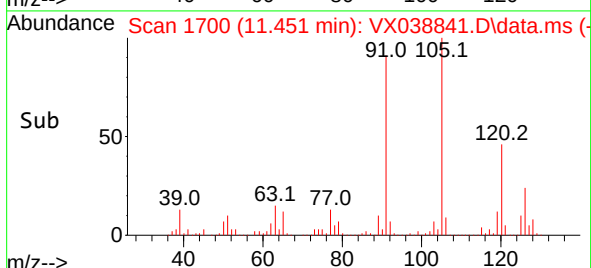
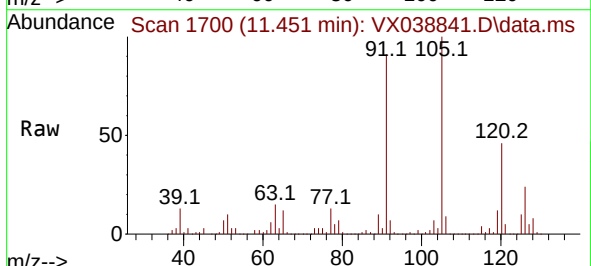
Acq: 16 Nov 2023 16:29

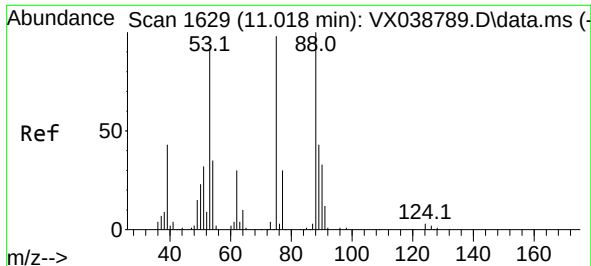
Tgt Ion:105 Resp: 443255

Ion Ratio Lower Upper

105 100

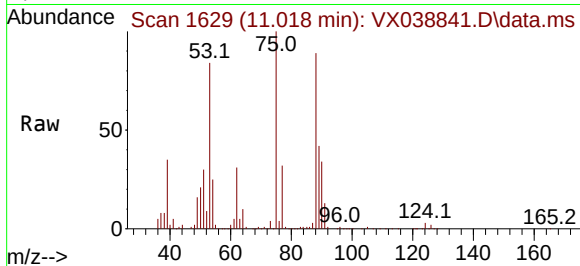
120 46.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.526 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

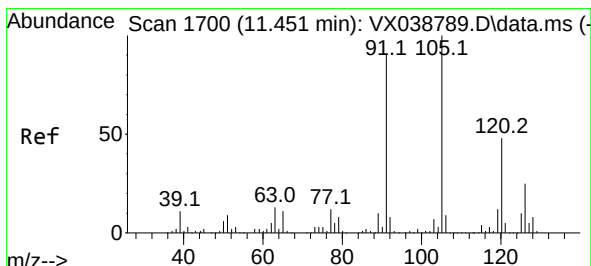
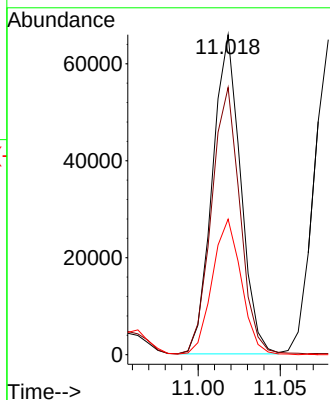
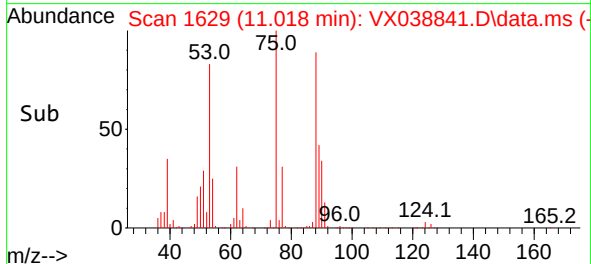
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



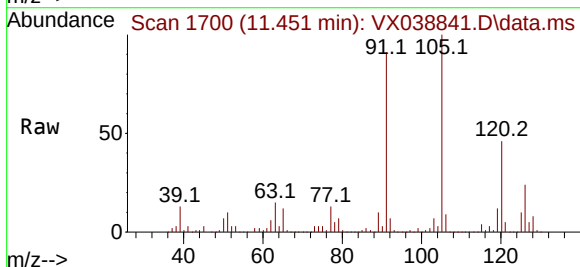
Tgt Ion: 75 Resp: 78650
Ion Ratio Lower Upper
75 100
53 84.1 90.5 135.7
89 43.8 36.9 55.3

Manual Integrations
APPROVED

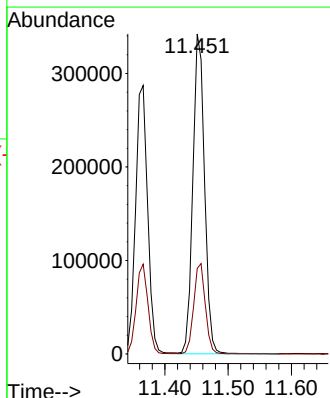
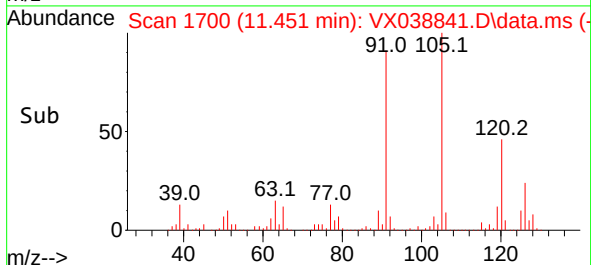
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

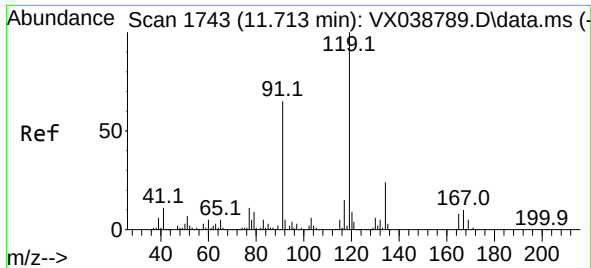


#82
4-Chlorotoluene
Concen: 46.494 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29



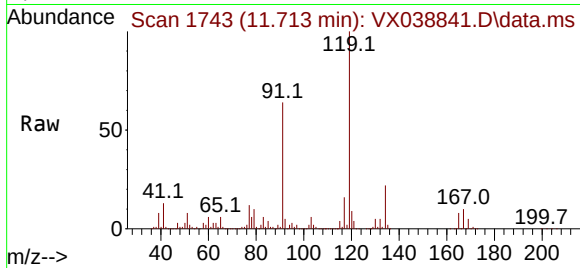
Tgt Ion: 91 Resp: 439688
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 45.983 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

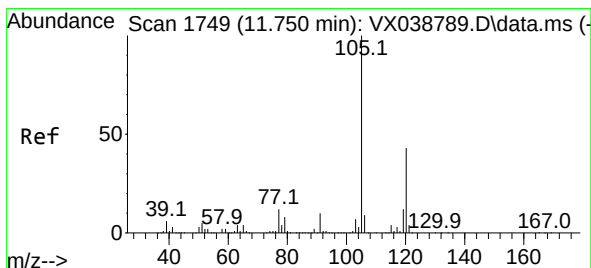
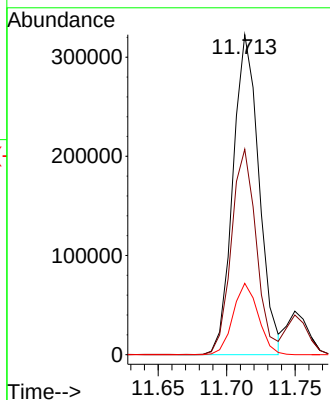
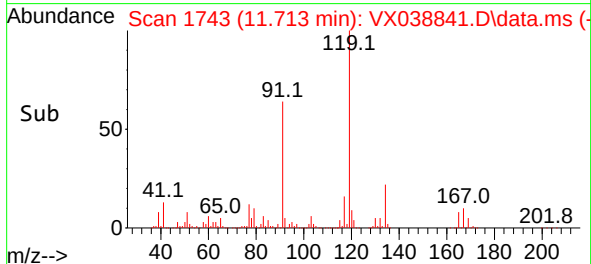
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



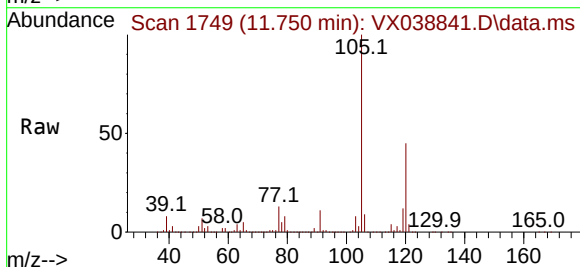
Tgt Ion:119 Resp: 427529
Ion Ratio Lower Upper
119 100
91 61.7 31.2 93.6
134 21.5 11.7 35.0

Manual Integrations
APPROVED

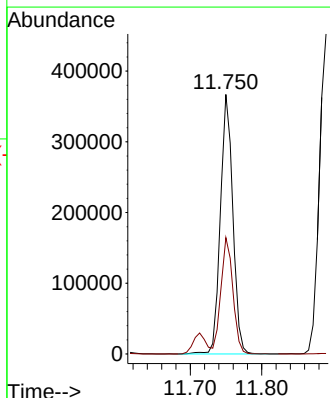
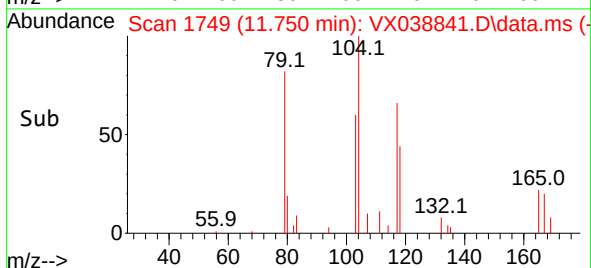
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

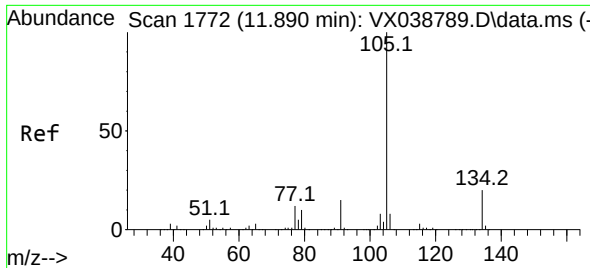


#84
1,2,4-Trimethylbenzene
Concen: 46.418 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29



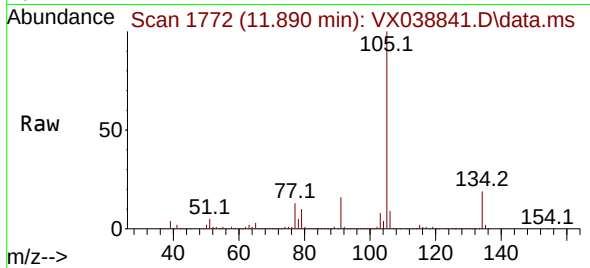
Tgt Ion:105 Resp: 443533
Ion Ratio Lower Upper
105 100
120 43.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 45.989 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038841.D
 Acq: 16 Nov 2023 16:29

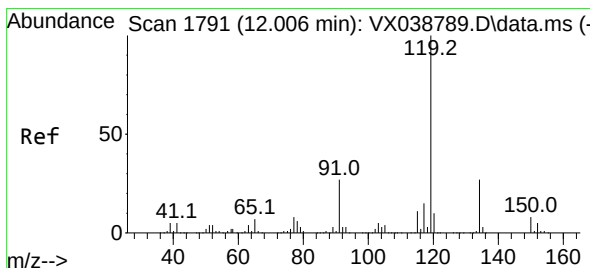
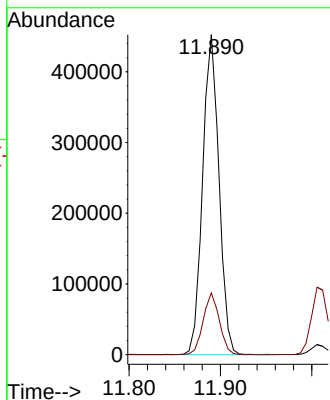
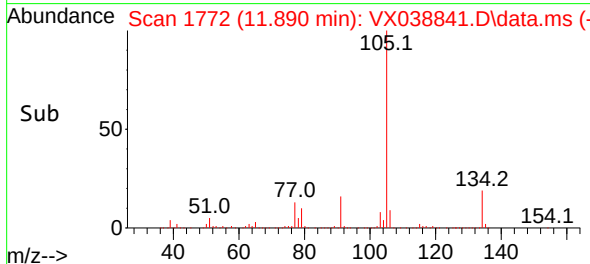
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



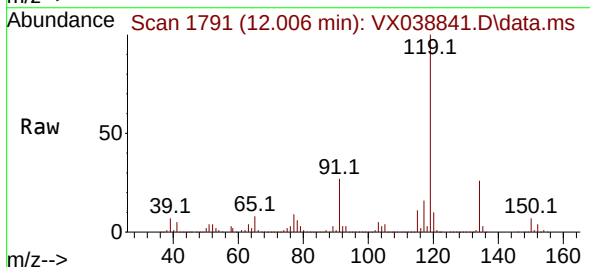
Tgt Ion:105 Resp: 559294
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

Manual Integrations
 APPROVED

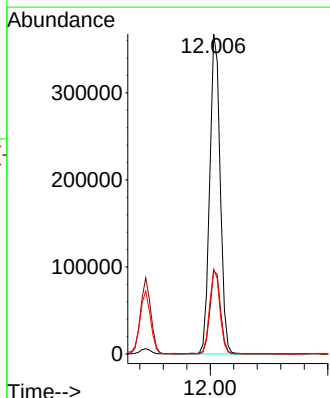
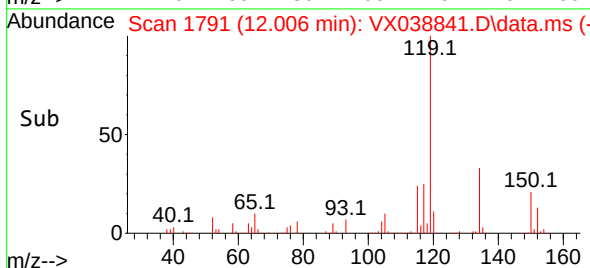
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023

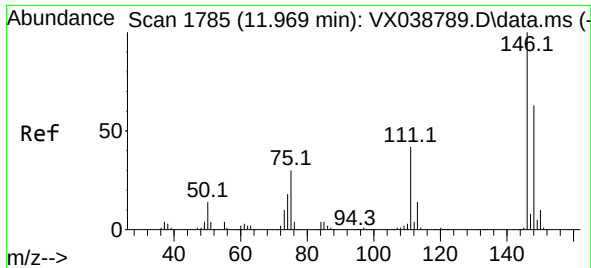


#86
 p-Isopropyltoluene
 Concen: 46.526 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038841.D
 Acq: 16 Nov 2023 16:29



Tgt Ion:119 Resp: 454215
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 25.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 46.910 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 231750

Ion Ratio Lower Upper

146 100

111 43.6 22.1 66.1

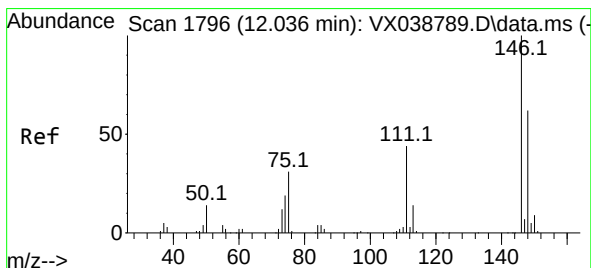
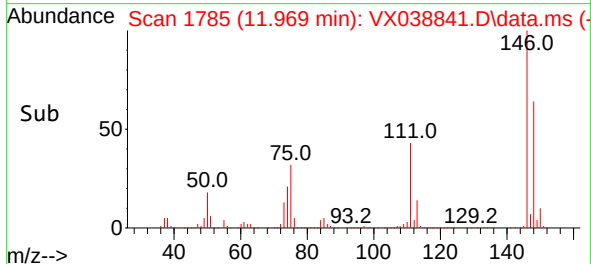
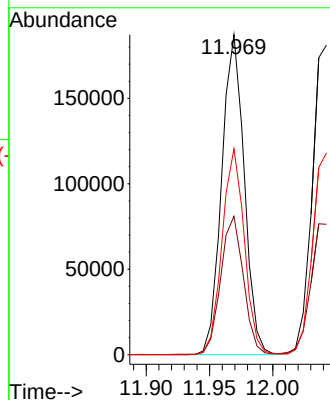
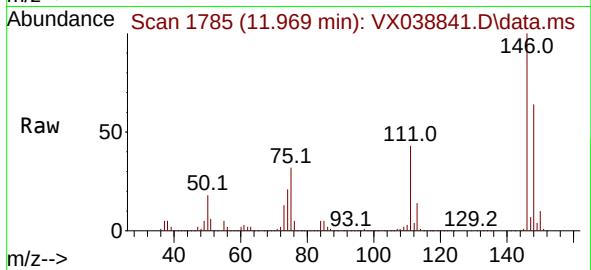
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#88

1,4-Dichlorobenzene

Concen: 45.727 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

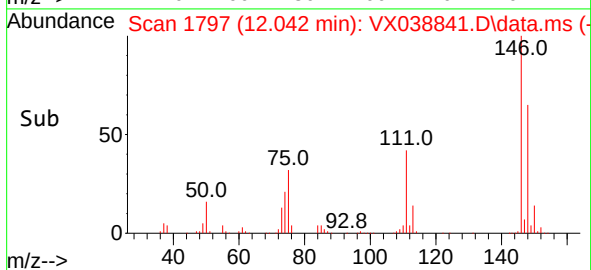
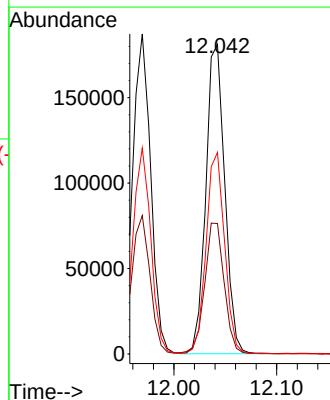
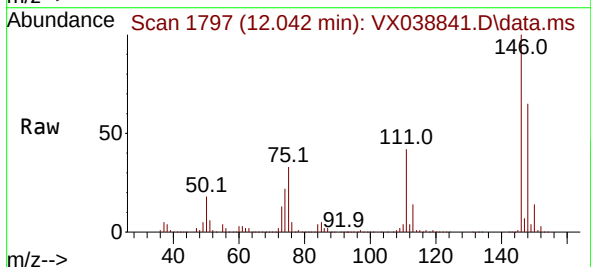
Tgt Ion:146 Resp: 231213

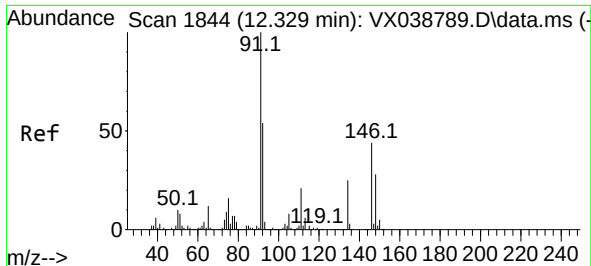
Ion Ratio Lower Upper

146 100

111 43.7 21.3 63.7

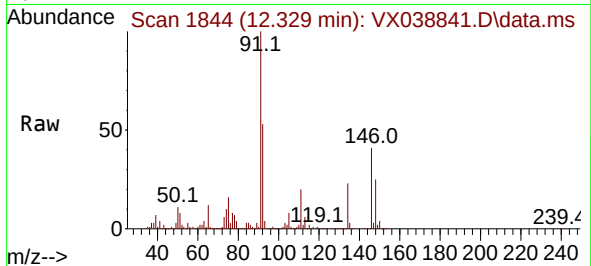
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 46.434 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

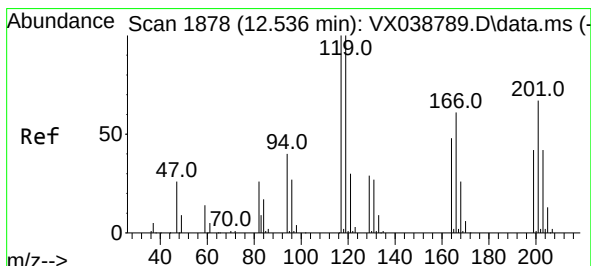
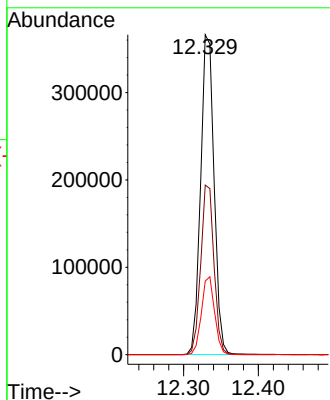
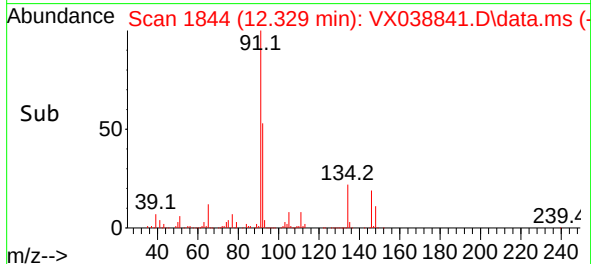
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 457369
Ion Ratio Lower Upper
91 100
92 52.6 27.4 82.0
134 23.9 12.6 37.8

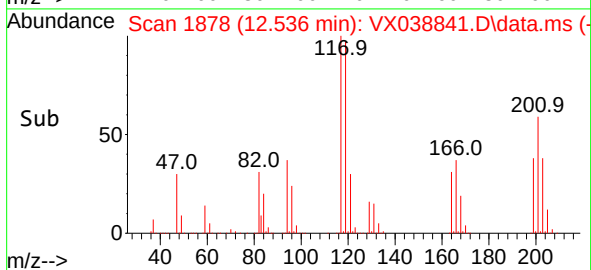
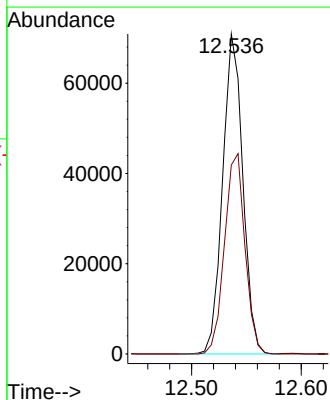
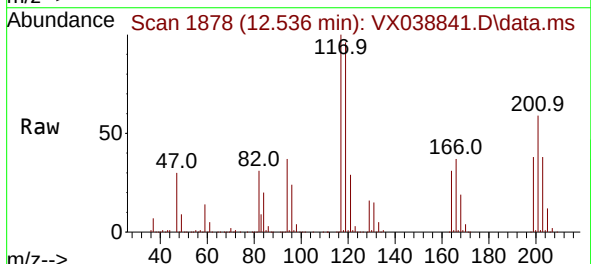
Manual Integrations
APPROVED

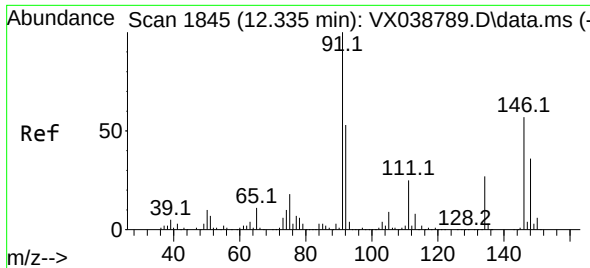
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#90
Hexachloroethane
Concen: 46.507 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion:117 Resp: 90670
Ion Ratio Lower Upper
117 100
201 63.5 32.9 98.6





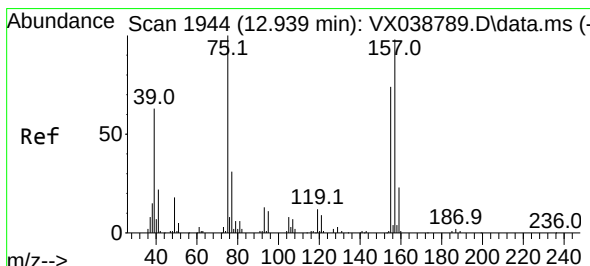
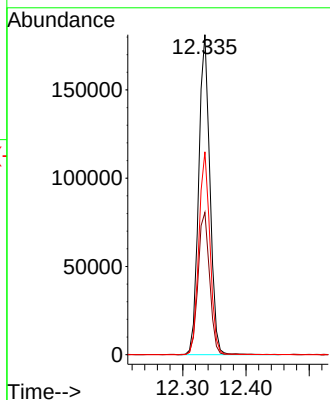
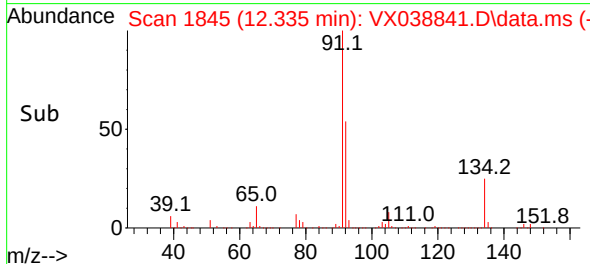
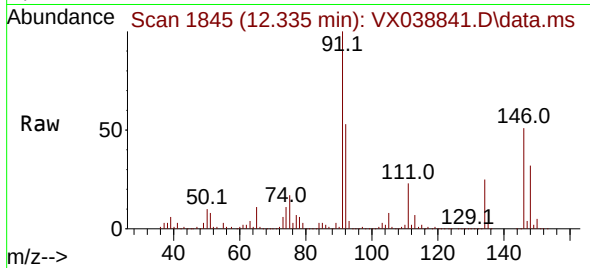
#91
1,2-Dichlorobenzene
Concen: 47.777 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 223870
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.0
148 63.0 31.6 95.0

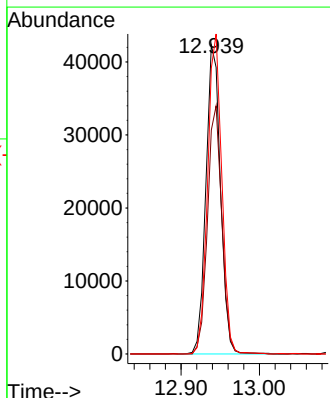
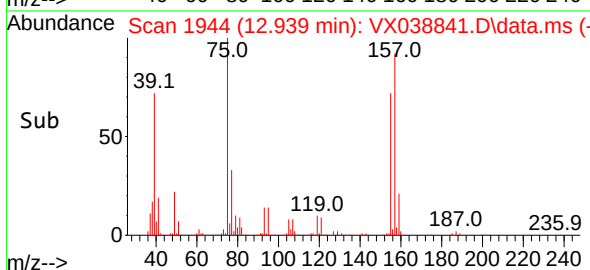
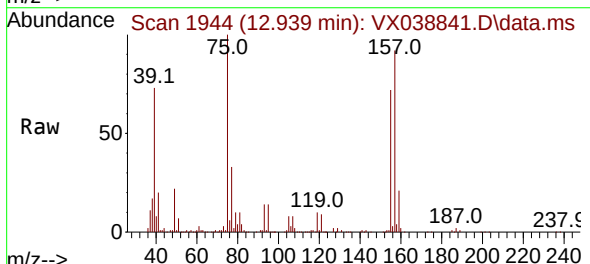
Manual Integrations
APPROVED

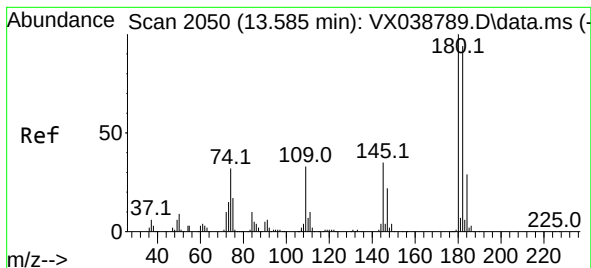
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.808 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion: 75 Resp: 54559
Ion Ratio Lower Upper
75 100
155 79.1 36.1 108.5
157 100.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 46.516 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

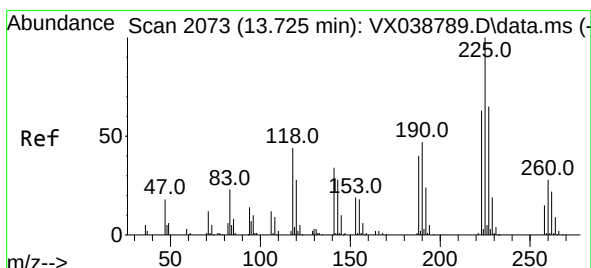
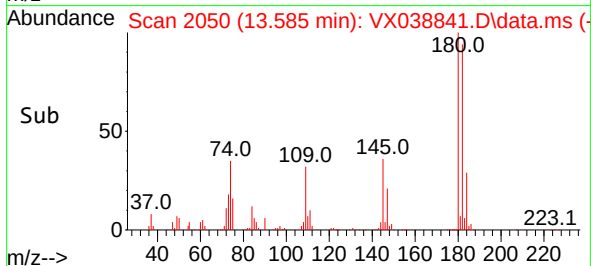
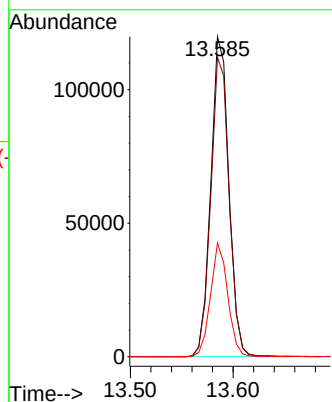
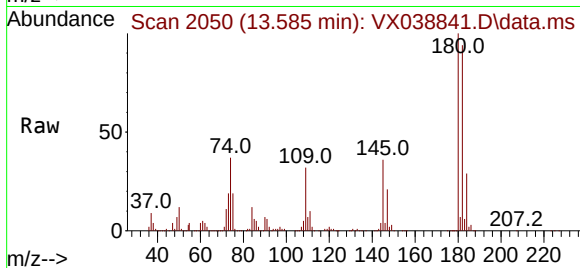
Tgt Ion:180	Resp: 146058
Ion Ratio	Lower Upper
180 100	
182 95.0	48.3 144.8
145 33.9	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#94

Hexachlorobutadiene

Concen: 46.974 ug/l

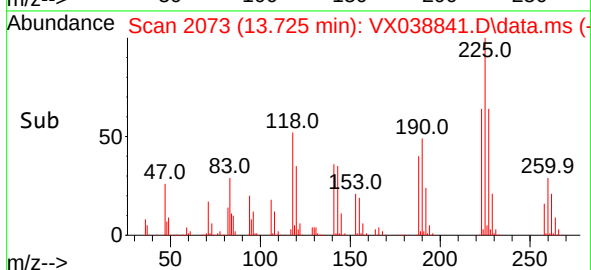
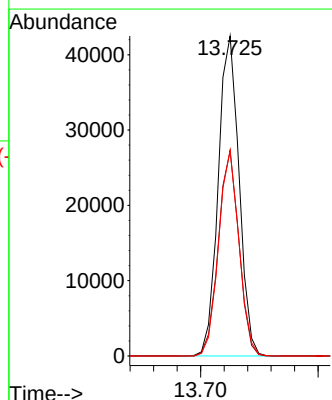
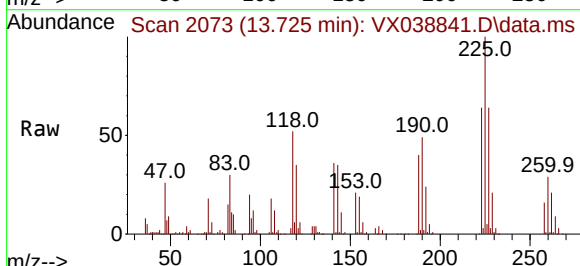
RT: 13.725 min Scan# 2073

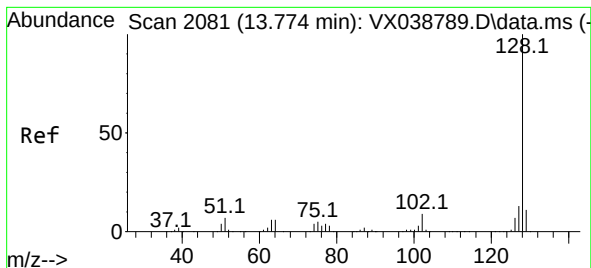
Delta R.T. -0.000 min

Lab File: VX038841.D

Acq: 16 Nov 2023 16:29

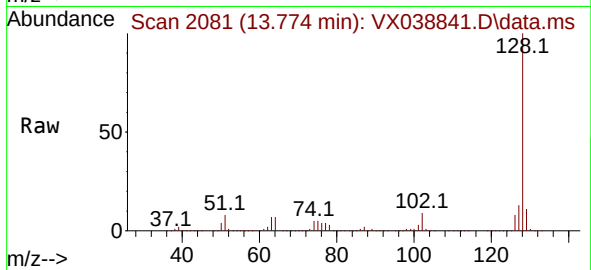
Tgt Ion:225	Resp: 52233
Ion Ratio	Lower Upper
225 100	
223 63.2	31.1 93.2
227 62.9	32.5 97.5





#95
Naphthalene
Concen: 48.179 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

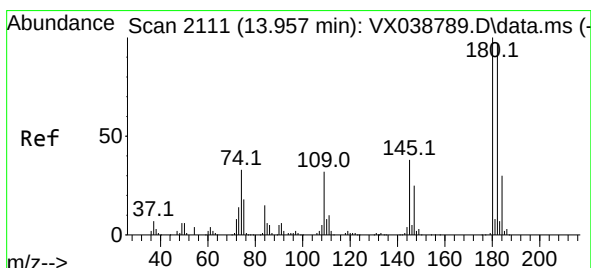
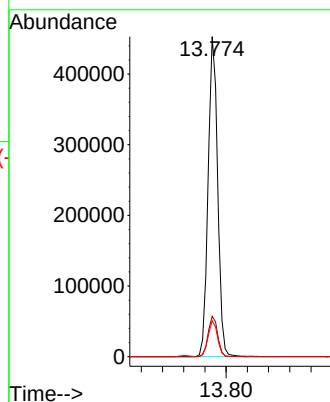
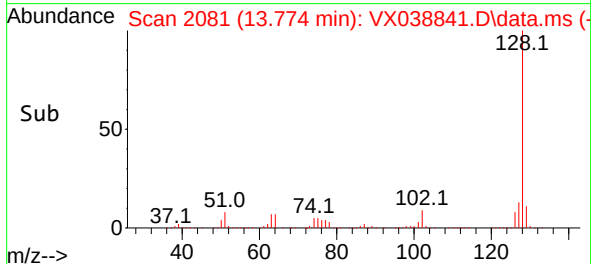
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 563429
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.240 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038841.D
Acq: 16 Nov 2023 16:29

Tgt Ion:180 Resp: 140613
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.6
145 36.8 17.8 53.5

