

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038294.D
 Acq On : 16 Oct 2023 11:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/17/2023
 Supervised By : Mahesh Dadoda 10/18/2023

Quant Time: Oct 17 01:17:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	168570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	276525	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124227	45.818	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.640%		
35) Dibromofluoromethane	5.379	113	101190	50.785	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.560%		
50) Toluene-d8	8.647	98	368970	48.460	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.920%		
62) 4-Bromofluorobenzene	11.079	95	147893	51.235	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	93865	57.687	ug/l	98
3) Chloromethane	1.294	50	87821	52.955	ug/l	96
4) Vinyl Chloride	1.373	62	102800	55.908	ug/l	100
5) Bromomethane	1.599	94	124629	51.636	ug/l	97
6) Chloroethane	1.684	64	69564	51.574	ug/l	100
7) Trichlorofluoromethane	1.886	101	187399	51.598	ug/l	98
8) Diethyl Ether	2.129	74	65790	48.571	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	88605	55.884	ug/l	98
10) Methyl Iodide	2.453	142	119351	52.317	ug/l	95
11) Tert butyl alcohol	2.952	59	135497	225.292	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	83542	54.168	ug/l	89
13) Acrolein	2.233	56	84914	220.301	ug/l	100
14) Allyl chloride	2.666	41	134216	48.653	ug/l #	94
15) Acrylonitrile	3.056	53	296529	240.323	ug/l	98
16) Acetone	2.373	43	389440	344.157	ug/l	92
17) Carbon Disulfide	2.507	76	224863	50.587	ug/l	98
18) Methyl Acetate	2.696	43	239584	49.372	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	308964	50.300	ug/l	97
20) Methylene Chloride	2.788	84	98838	46.436	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	97411	51.012	ug/l	88
22) Diisopropyl ether	3.757	45	278068	48.095	ug/l #	91
23) Vinyl Acetate	3.721	43	1054846	248.789	ug/l	95
24) 1,1-Dichloroethane	3.605	63	170249	48.521	ug/l	99
25) 2-Butanone	4.550	43	477760	261.676	ug/l	91
26) 2,2-Dichloropropane	4.477	77	145242	53.019	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	114321	50.268	ug/l	90
28) Bromochloromethane	4.891	49	71034	44.846	ug/l #	82
29) Tetrahydrofuran	4.995	42	274829	231.203	ug/l #	86
30) Chloroform	5.092	83	193554	50.445	ug/l	95
31) Cyclohexane	5.470	56	147082	50.070	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	170783	51.966	ug/l	98
36) 1,1-Dichloropropene	5.690	75	139319	50.704	ug/l	97
37) Ethyl Acetate	4.708	43	161011	49.341	ug/l	96
38) Carbon Tetrachloride	5.678	117	148741	55.028	ug/l	98
39) Methylcyclohexane	7.378	83	174788	54.309	ug/l	92
40) Benzene	6.037	78	403233	52.469	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	80697	49.710	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	153588	50.021	ug/l	98
43) Isopropyl Acetate	6.336	43	244238	50.136	ug/l #	95
44) Trichloroethene	7.122	130	109876	54.663	ug/l	99
45) 1,2-Dichloropropane	7.427	63	100590	50.572	ug/l	97
46) Dibromomethane	7.580	93	81351	52.733	ug/l	96
47) Bromodichloromethane	7.817	83	149182	54.359	ug/l	95
48) Methyl methacrylate	7.689	41	118410	50.917	ug/l #	85
49) 1,4-Dioxane	7.653	88	54160	945.086	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	854923	254.430	ug/l	96
52) Toluene	8.714	92	266850	53.305	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	166642	56.569	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	171434	55.391	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	114440	53.445	ug/l	96
56) Ethyl methacrylate	9.116	69	174771	53.235	ug/l	91
57) 1,3-Dichloropropane	9.305	76	182880	52.806	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	373928	232.036	ug/l	97
59) 2-Hexanone	9.427	43	724091	268.052	ug/l	94
60) Dibromochloromethane	9.518	129	121849	58.143	ug/l	100
61) 1,2-Dibromoethane	9.610	107	127624	55.116	ug/l	100
64) Tetrachloroethene	9.274	164	94722	53.070	ug/l	99
65) Chlorobenzene	10.079	112	299643	51.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	109573	56.165	ug/l	99
67) Ethyl Benzene	10.195	91	535952	52.044	ug/l	99
68) m/p-Xylenes	10.299	106	415768	104.414	ug/l	99
69) o-Xylene	10.640	106	201889	51.948	ug/l	99
70) Styrene	10.652	104	342531	54.121	ug/l	96
71) Bromoform	10.799	173	91855	50.711	ug/l #	100
73) Isopropylbenzene	10.963	105	544102	52.670	ug/l	99
74) N-amyl acetate	10.841	43	224620	50.917	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	196595	51.863	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	184942m	52.811	ug/l	
77) Bromobenzene	11.195	156	132277	52.447	ug/l	91
78) n-propylbenzene	11.305	91	654639	51.826	ug/l	100
79) 2-Chlorotoluene	11.366	91	374693	50.018	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	472704	53.038	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	58795	49.103	ug/l	88
82) 4-Chlorotoluene	11.451	91	453969	51.212	ug/l	98
83) tert-Butylbenzene	11.713	119	463099	53.177	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	467615	52.623	ug/l	99
85) sec-Butylbenzene	11.890	105	595628	52.799	ug/l	100
86) p-Isopropyltoluene	12.006	119	502695	54.010	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	259960	51.317	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	262642	50.784	ug/l	98
89) n-Butylbenzene	12.335	91	486892	52.527	ug/l	97
90) Hexachloroethane	12.536	117	87111	56.449	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	252775	51.911	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47219	51.520	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	168451	51.578	ug/l	97
94) Hexachlorobutadiene	13.725	225	72773	55.362	ug/l	99
95) Naphthalene	13.774	128	573021	50.382	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	164472	52.010	ug/l	98

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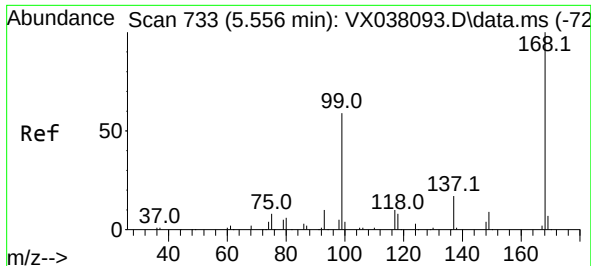
Manual Integrations
APPROVED

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Response via : Initial Calibration

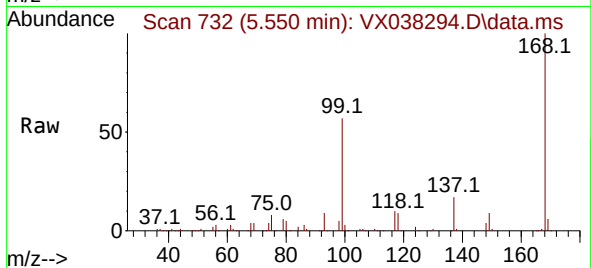
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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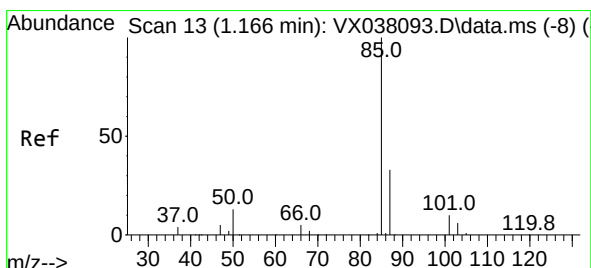
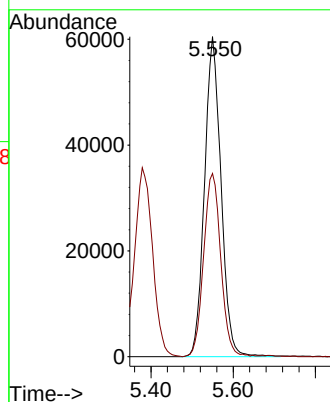
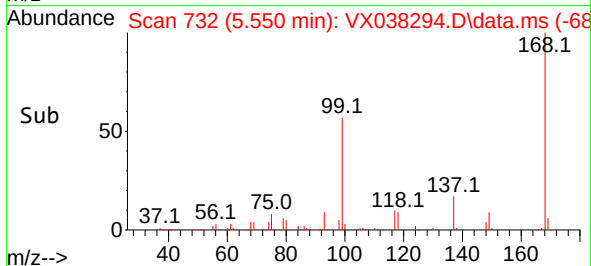
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 168570
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0

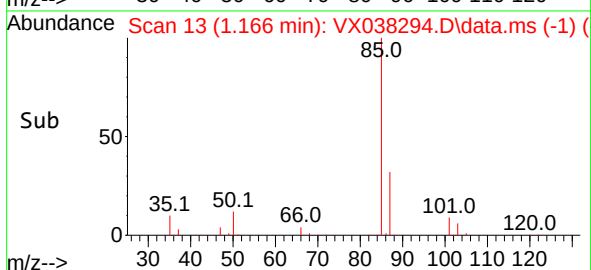
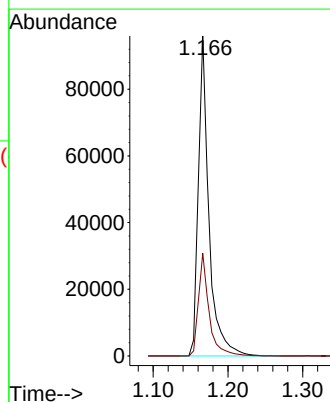
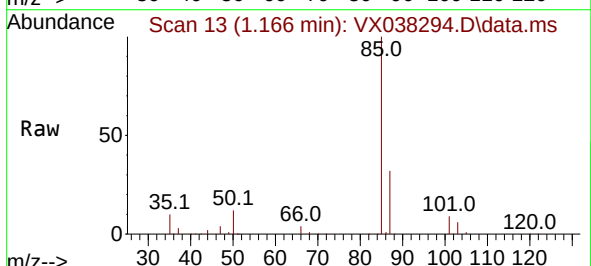
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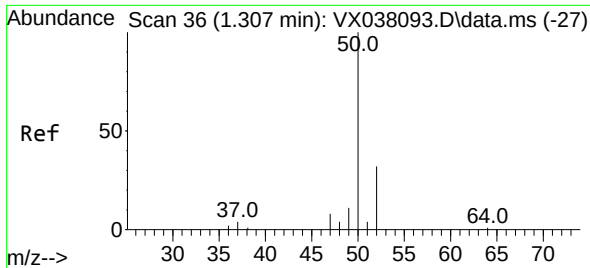
Reviewed By :John Carlone 10/17/2023
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#2
Dichlorodifluoromethane
Concen: 57.687 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Tgt Ion: 85 Resp: 93865
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





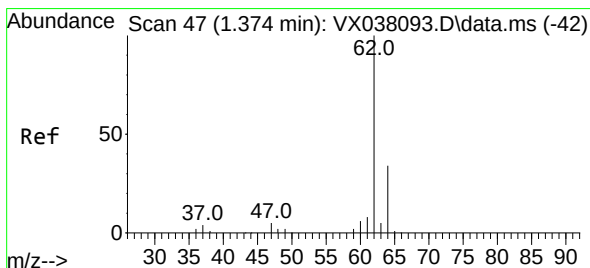
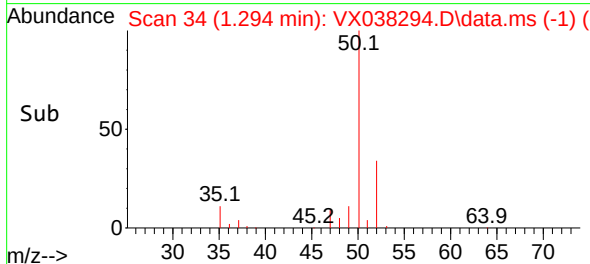
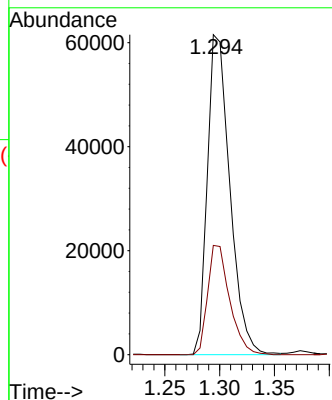
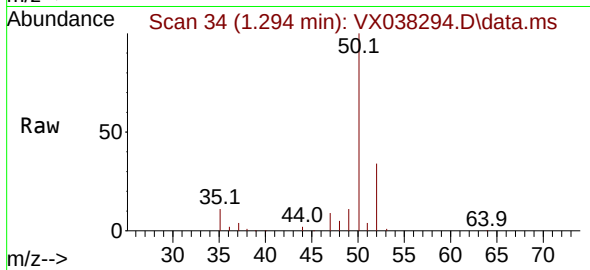
#3
Chloromethane
Concen: 52.955 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Instrument :
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Tgt Ion: 50 Resp: 8782
Ion Ratio Lower Upper
50 100
52 34.2 25.5 38.3

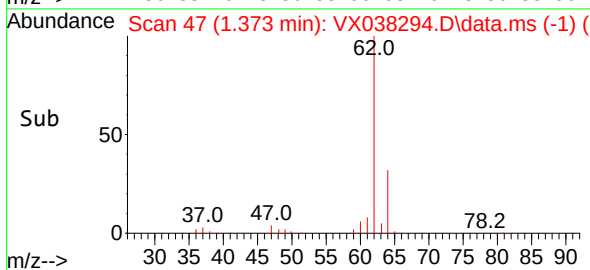
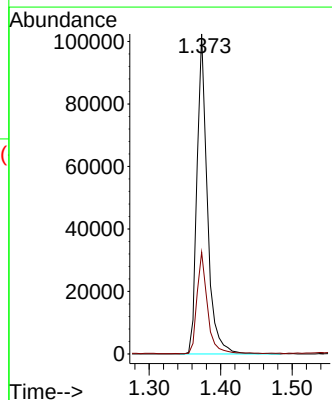
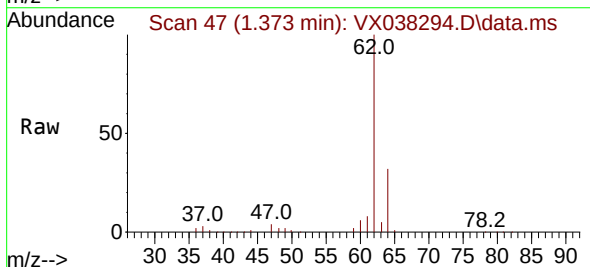
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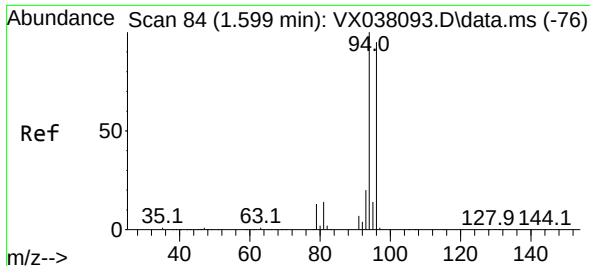
Reviewed By :John Carlone 10/17/2023
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#4
Vinyl Chloride
Concen: 55.908 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

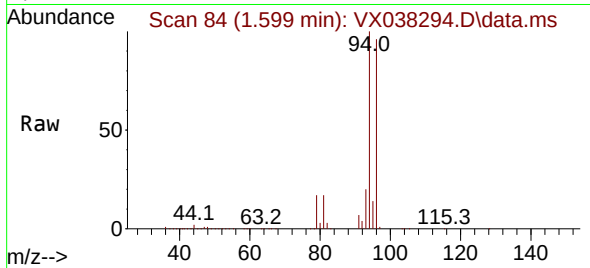
Tgt Ion: 62 Resp: 102800
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5
Bromomethane
Concen: 51.636 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

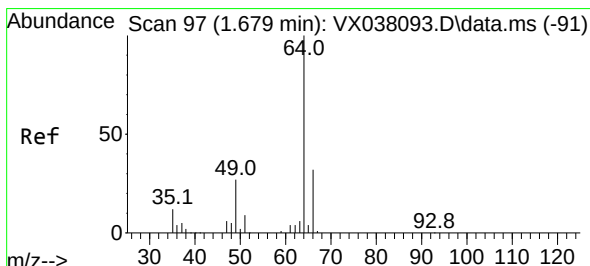
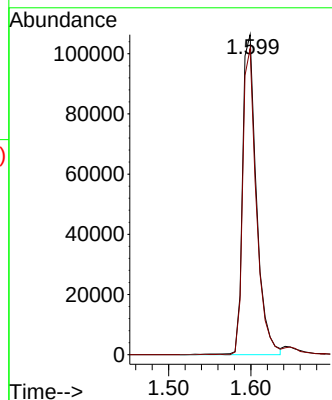
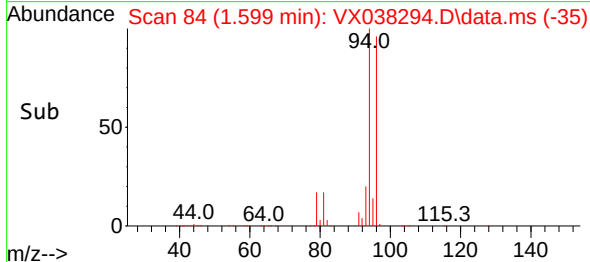
Instrument :
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Tgt Ion: 94 Resp: 124629
Ion Ratio Lower Upper
94 100
96 95.7 74.6 111.8

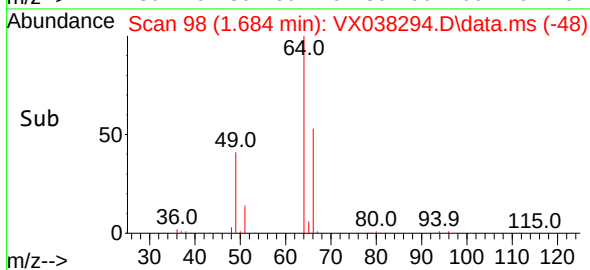
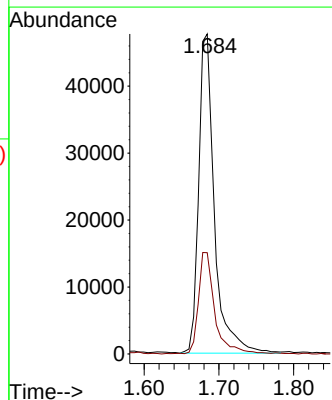
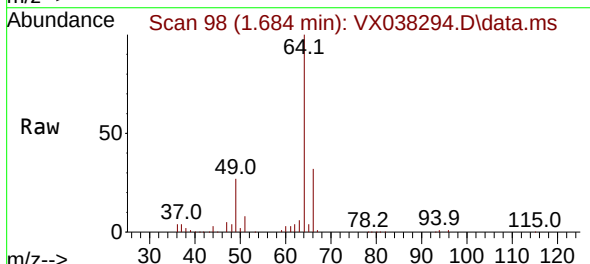
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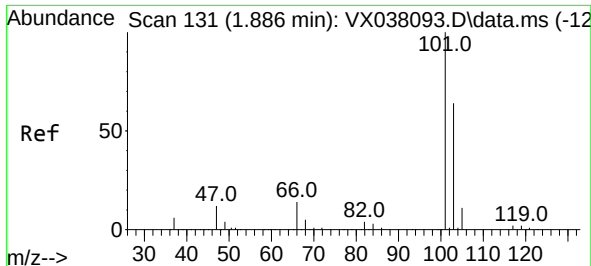
Reviewed By :John Carlone 10/17/2023
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#6
Chloroethane
Concen: 51.574 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX038294.D
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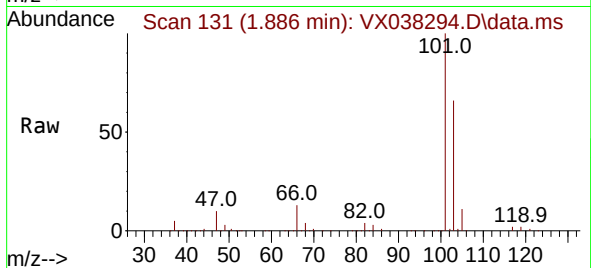
Tgt Ion: 64 Resp: 69564
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 51.598 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038294.D
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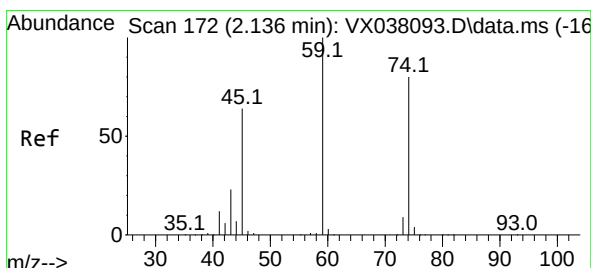
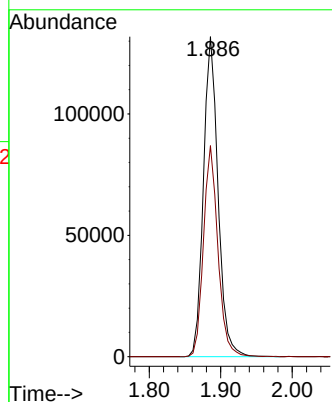
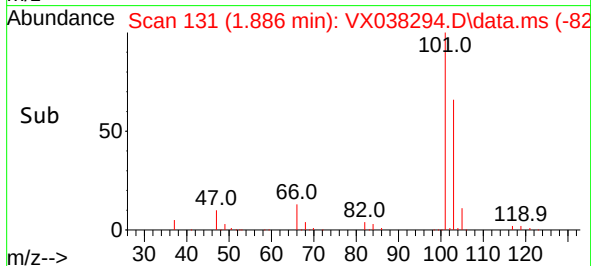
Instrument :
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Tgt Ion:101 Resp: 187399
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.2

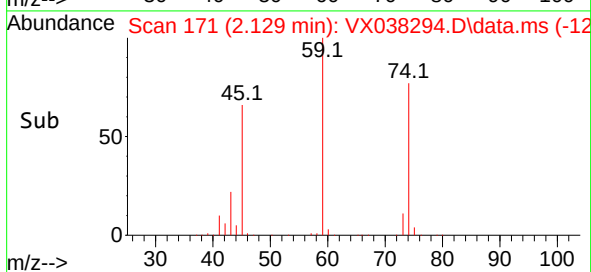
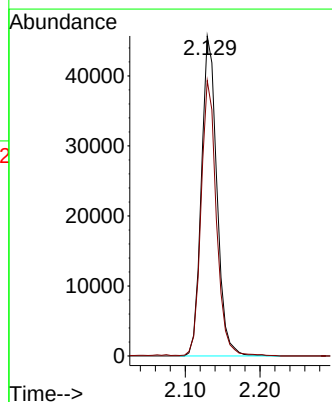
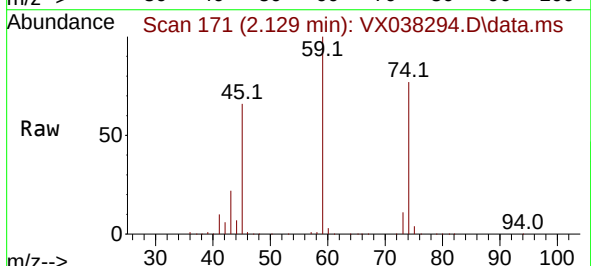
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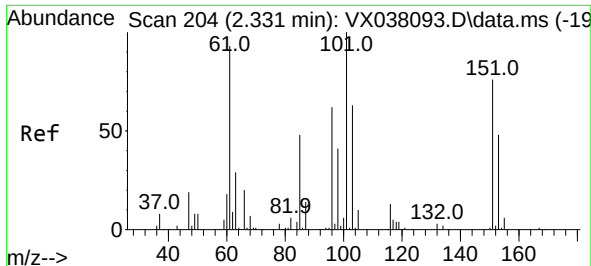
Reviewed By :John Carlone 10/17/2023
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#8
Diethyl Ether
Concen: 48.571 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.001 min
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Tgt Ion: 74 Resp: 65790
Ion Ratio Lower Upper
74 100
45 85.4 53.3 159.8





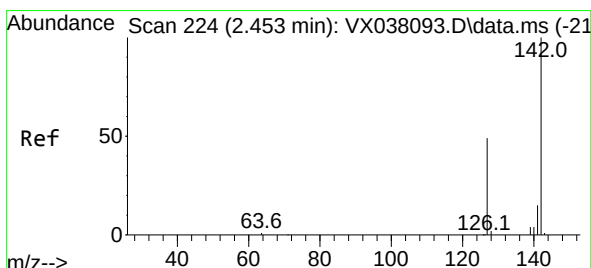
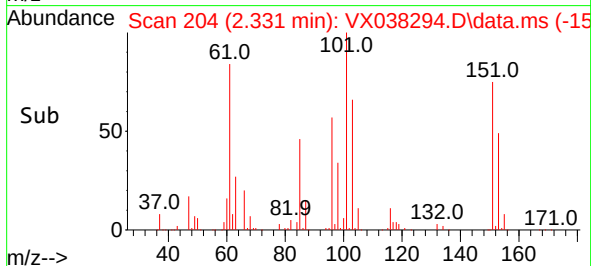
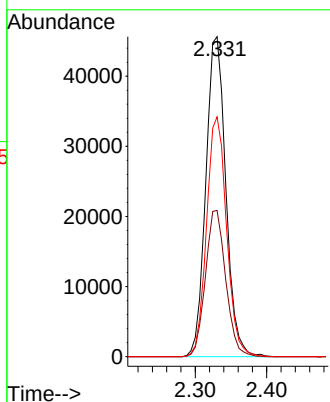
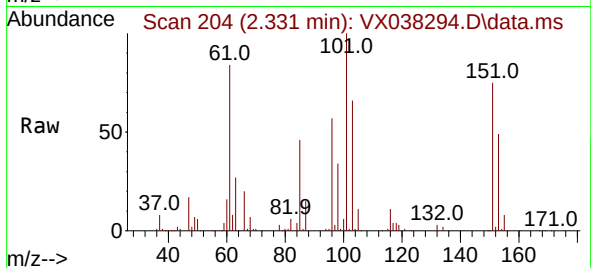
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.884 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 88609
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 75.1 58.6 87.8

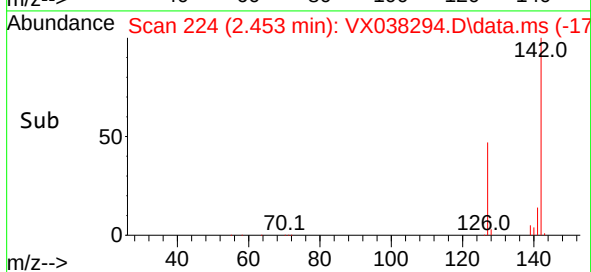
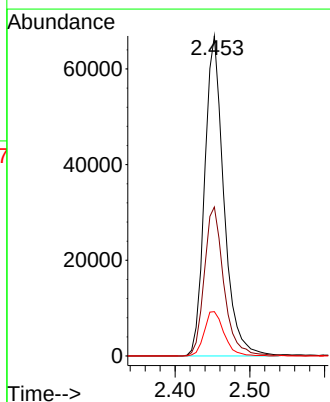
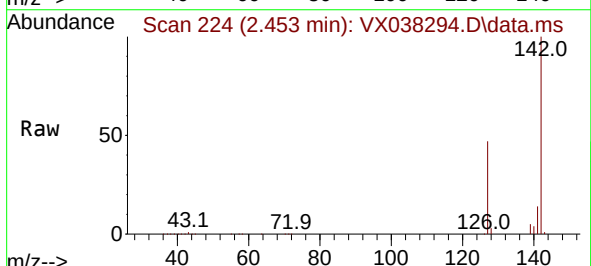
Manual Integrations
APPROVED

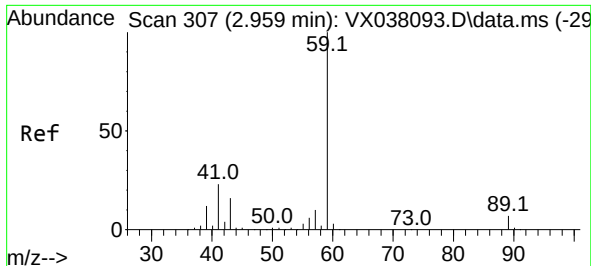
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#10
Methyl Iodide
Concen: 52.317 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Tgt Ion:142 Resp: 119351
Ion Ratio Lower Upper
142 100
127 47.6 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 225.292 ug/l

RT: 2.952 min Scan# 307

Delta R.T. -0.007 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 13549

Ion Ratio Lower Upper

59 100

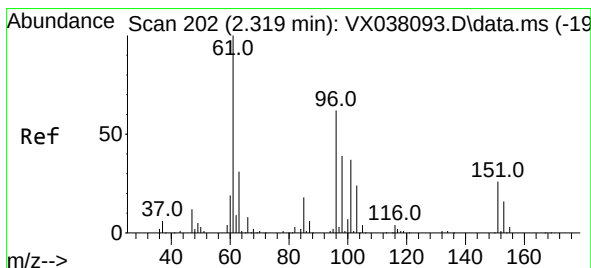
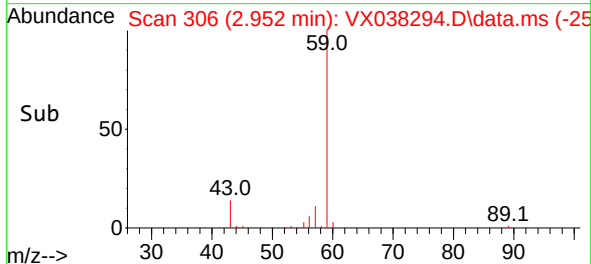
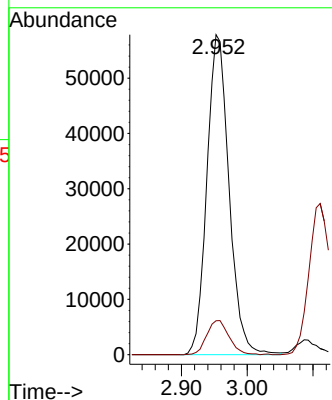
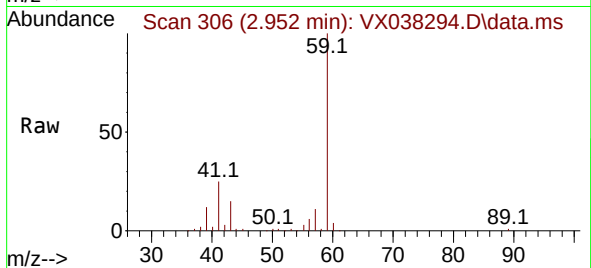
57 10.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#12

1,1-Dichloroethene

Concen: 54.168 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.001 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

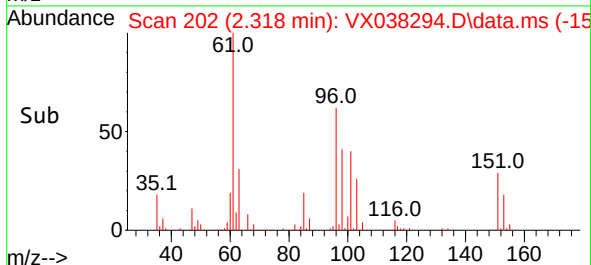
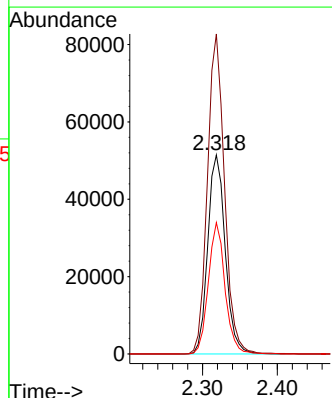
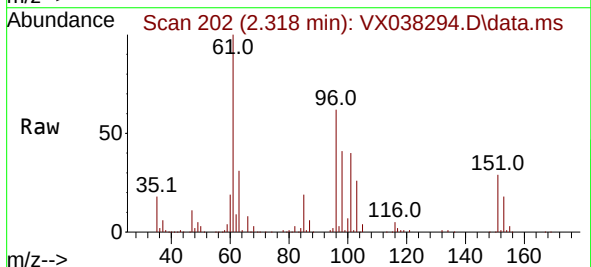
Tgt Ion: 96 Resp: 83542

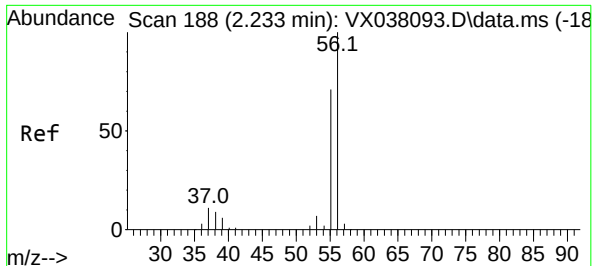
Ion Ratio Lower Upper

96 100

61 160.8 144.6 216.8

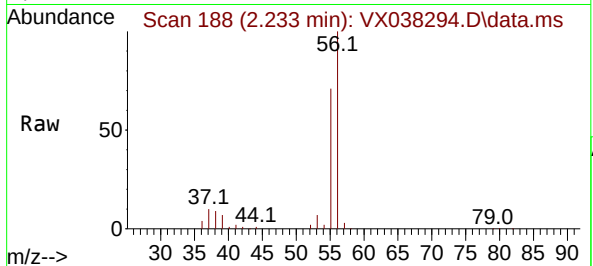
98 66.0 50.4 75.6





#13
Acrolein
Concen: 220.301 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

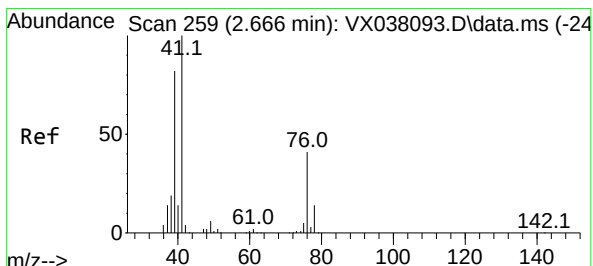
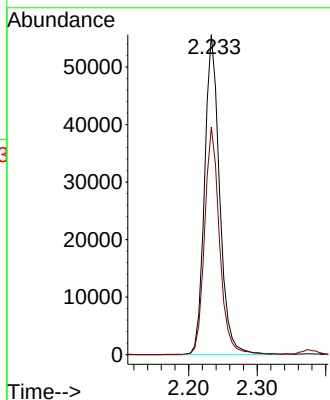
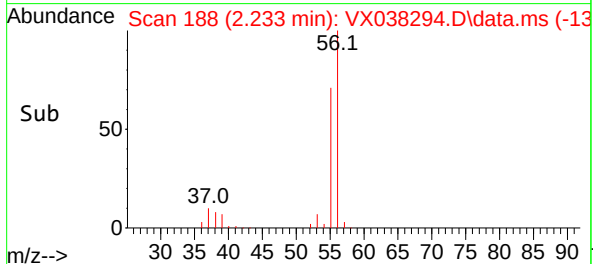
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 84914
Ion Ratio Lower Upper
56 100
55 71.0 57.1 85.7

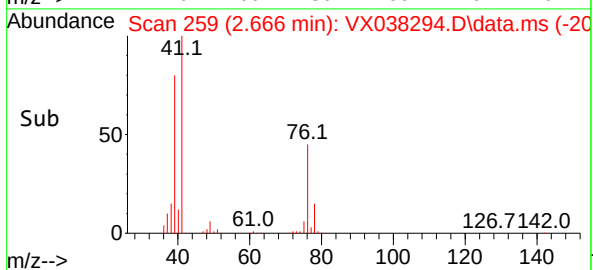
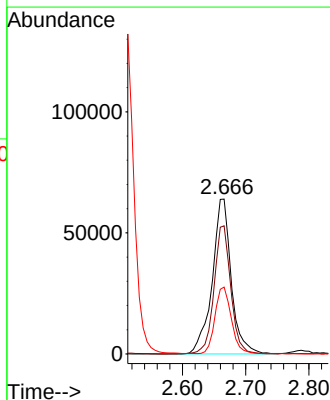
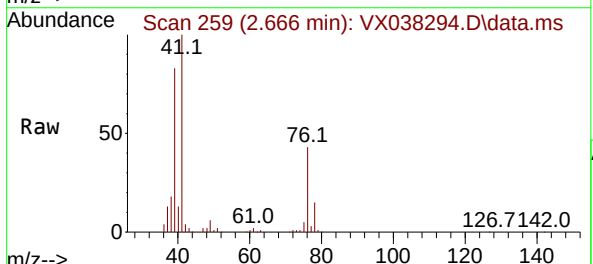
Manual Integrations
APPROVED

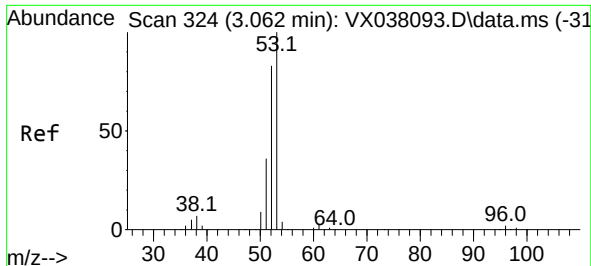
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#14
Allyl chloride
Concen: 48.653 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Tgt Ion: 41 Resp: 134216
Ion Ratio Lower Upper
41 100
39 72.7 55.8 83.6
76 37.1 24.3 36.5





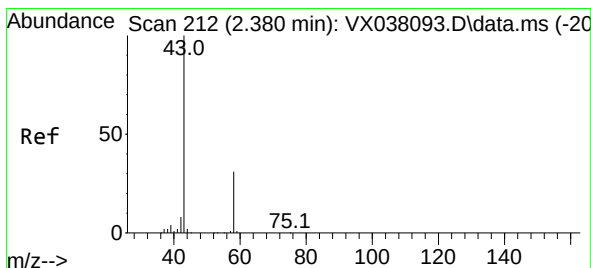
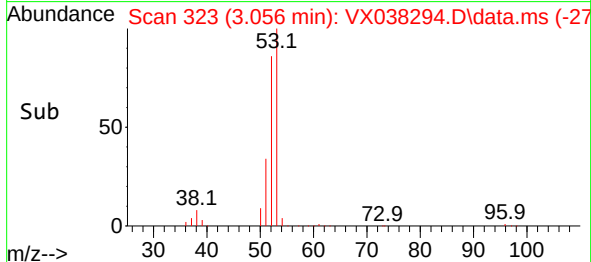
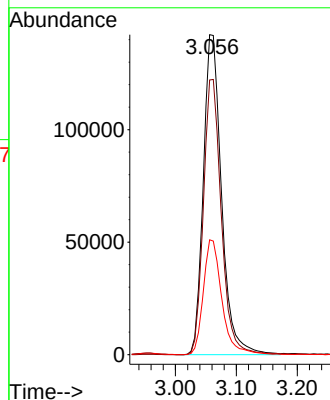
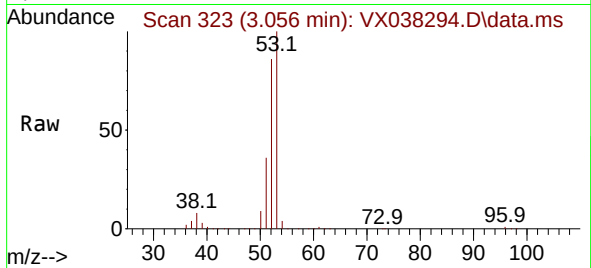
#15
Acrylonitrile
Concen: 240.323 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 296529
Ion Ratio Lower Upper
53 100
52 84.7 66.0 99.0
51 36.7 29.8 44.6

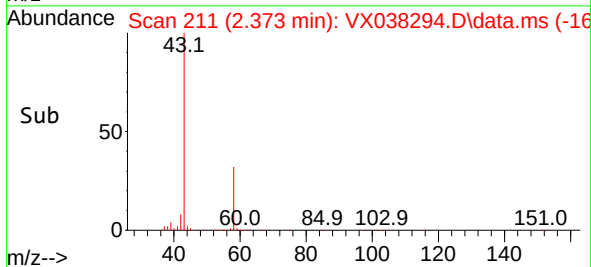
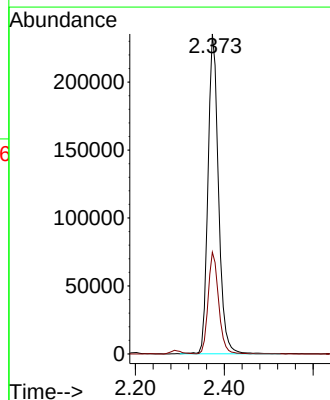
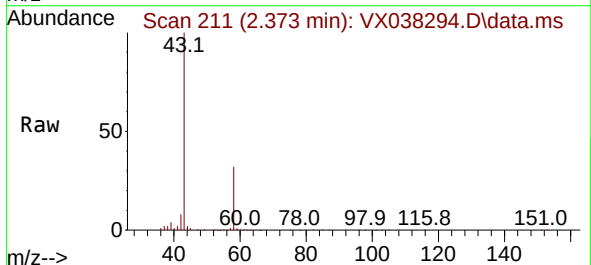
Manual Integrations
APPROVED

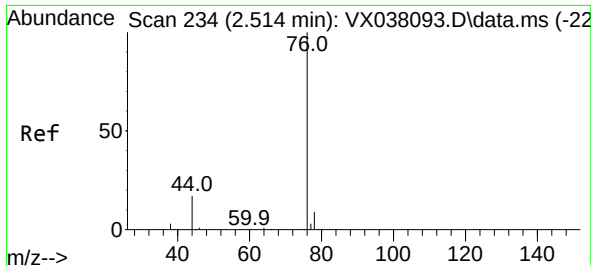
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#16
Acetone
Concen: 344.157 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Tgt Ion: 43 Resp: 389440
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9





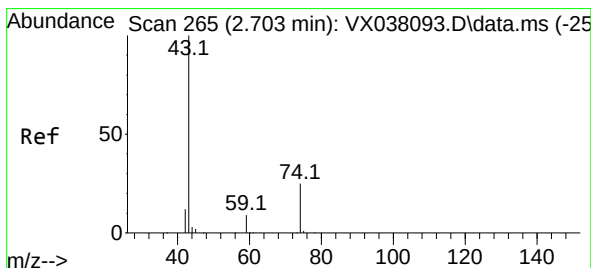
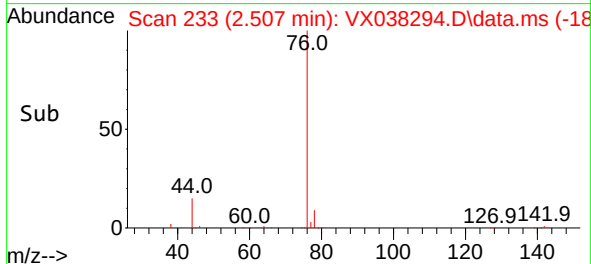
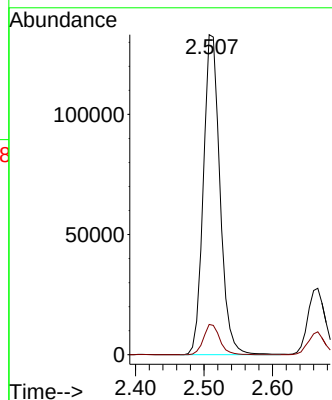
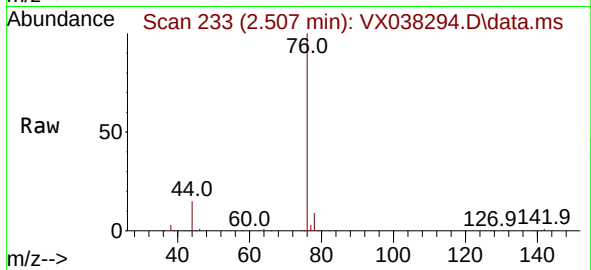
#17
Carbon Disulfide
Concen: 50.587 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 22486
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

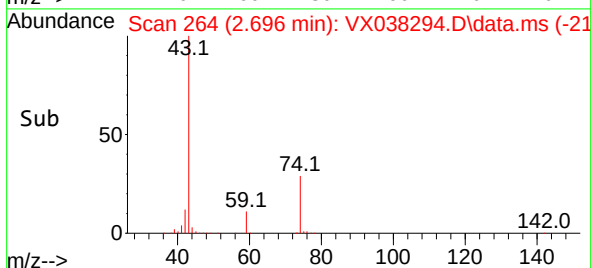
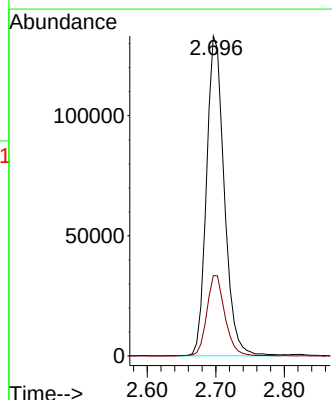
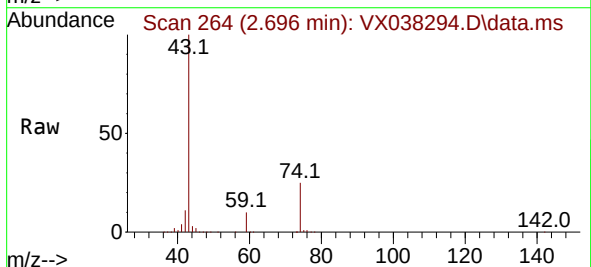
Manual Integrations
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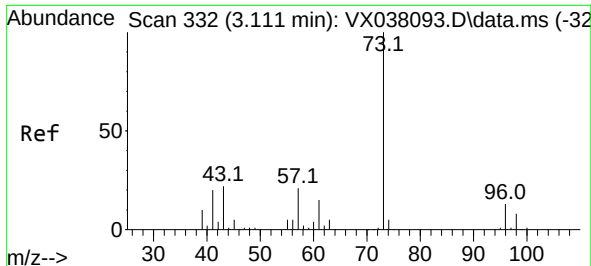
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#18
Methyl Acetate
Concen: 49.372 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.007 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Tgt Ion: 43 Resp: 239584
Ion Ratio Lower Upper
43 100
74 25.8 17.8 26.8





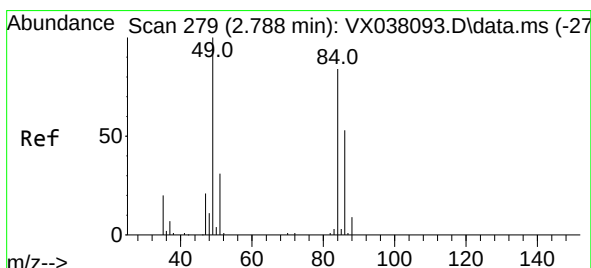
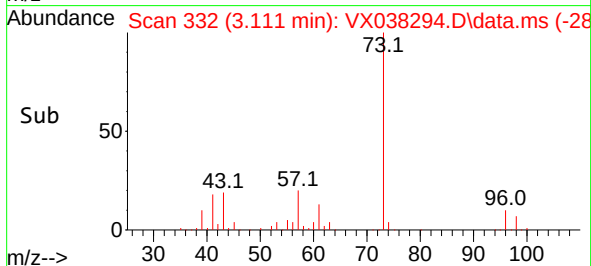
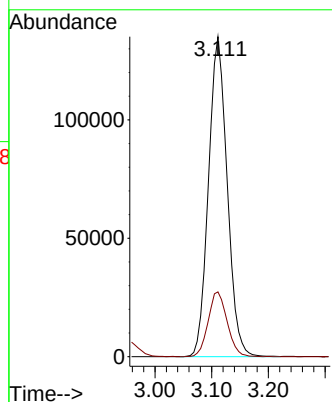
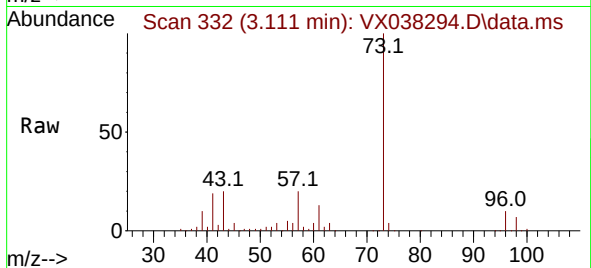
#19
Methyl tert-butyl Ether
Concen: 50.300 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 308964
Ion Ratio Lower Upper
73 100
57 20.2 17.3 25.9

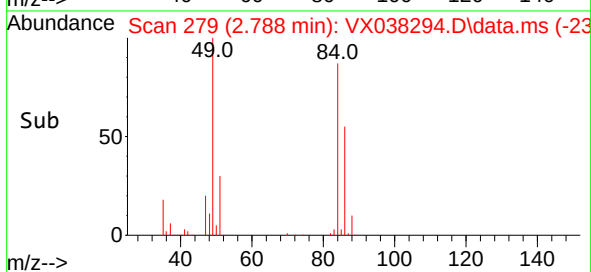
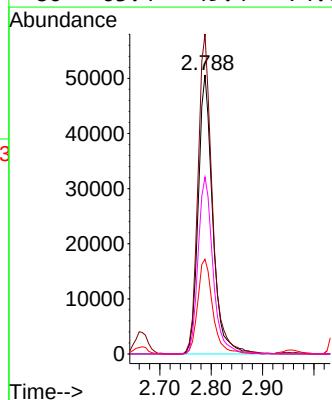
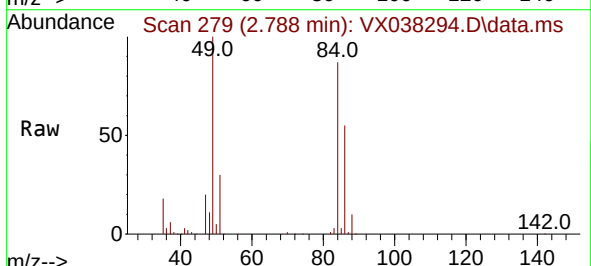
Manual Integrations
APPROVED

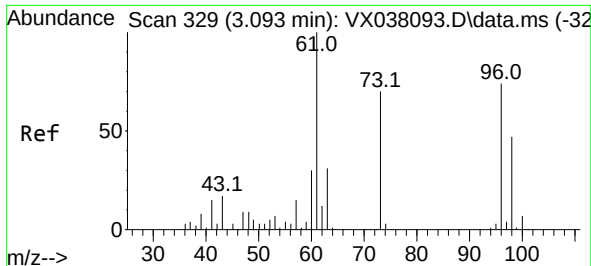
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#20
Methylene Chloride
Concen: 46.436 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

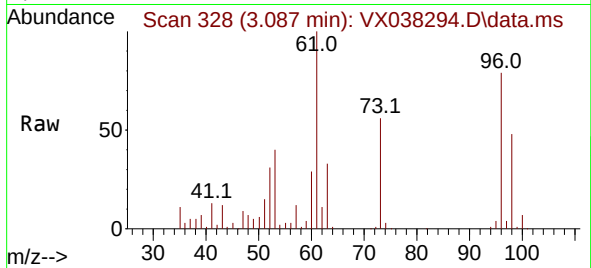
Tgt Ion: 84 Resp: 98838
Ion Ratio Lower Upper
84 100
49 114.7 103.6 155.4
51 33.9 33.8 50.6
86 63.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 51.012 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

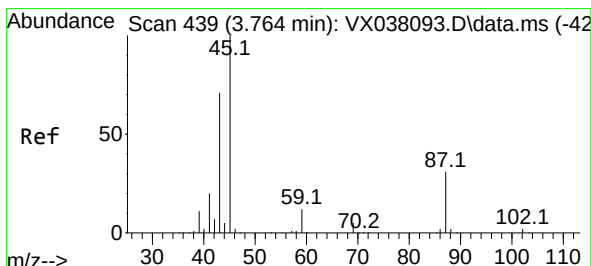
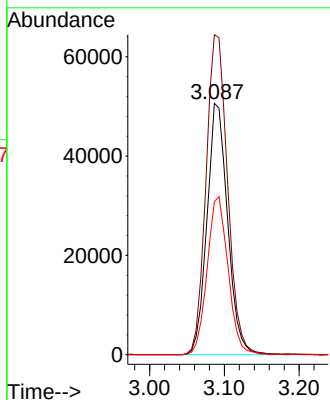
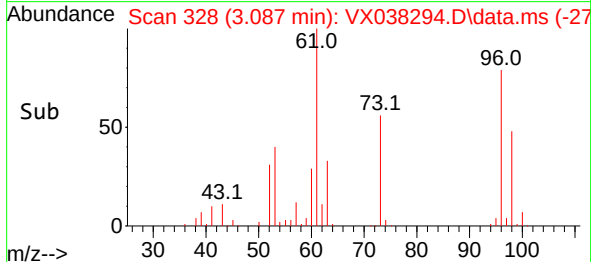
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



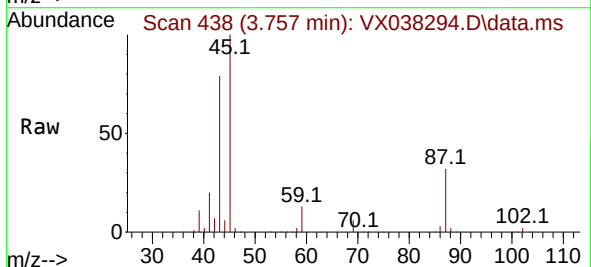
Tgt Ion: 96 Resp: 9741
Ion Ratio Lower Upper
96 100
61 127.3 119.2 178.8
98 60.8 48.7 73.1

Manual Integrations
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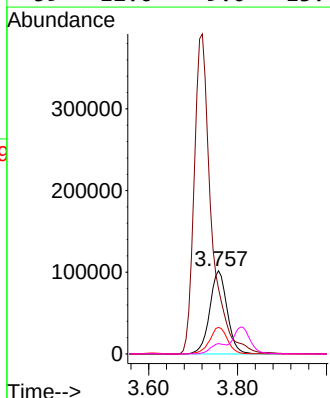
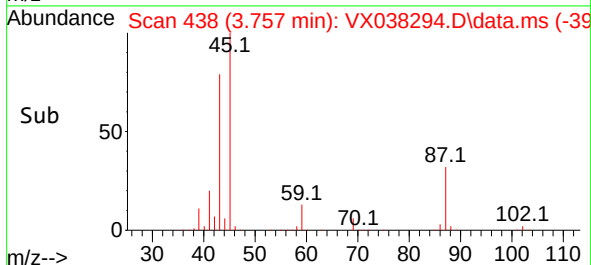
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

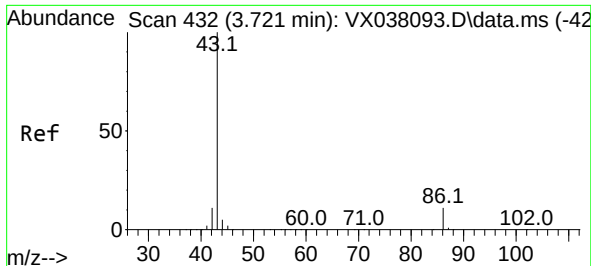


#22
Diisopropyl ether
Concen: 48.095 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08



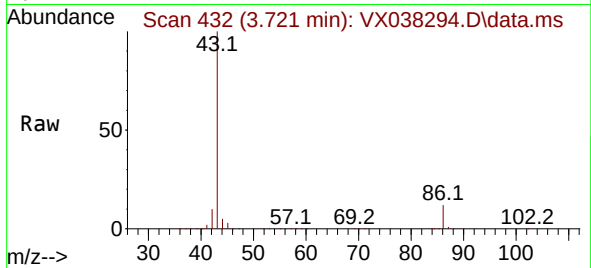
Tgt Ion: 45 Resp: 278068
Ion Ratio Lower Upper
45 100
43 78.4 69.7 104.5
87 31.9 20.8 31.2#
59 12.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 248.789 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX038294.D
 Acq: 16 Oct 2023 11:08

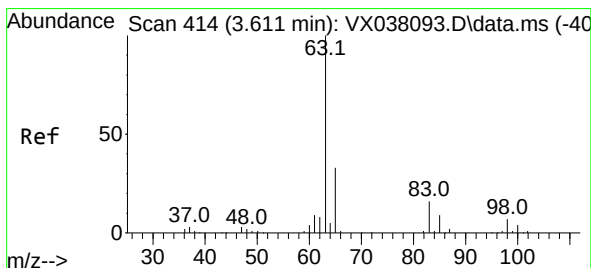
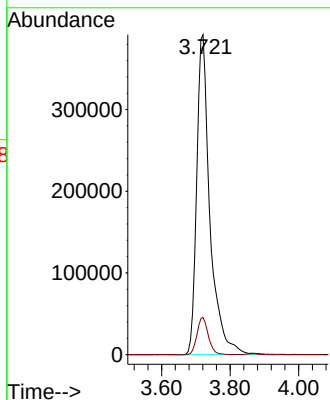
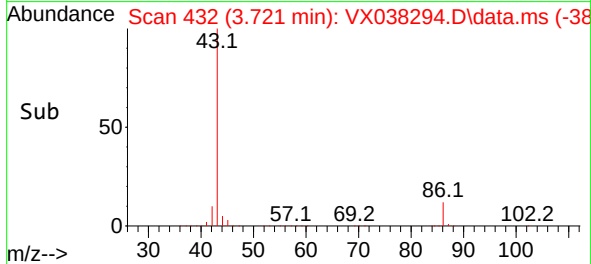
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



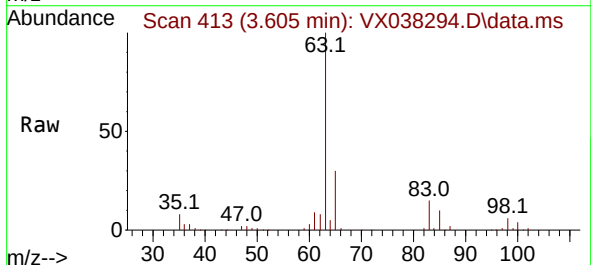
Tgt Ion: 43 Resp: 105484
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.8 11.8

Manual Integrations
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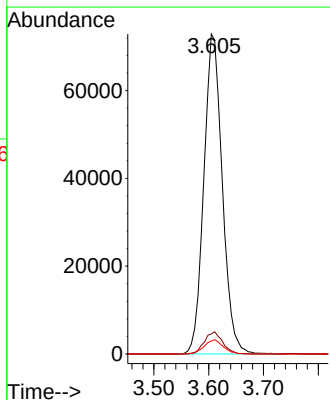
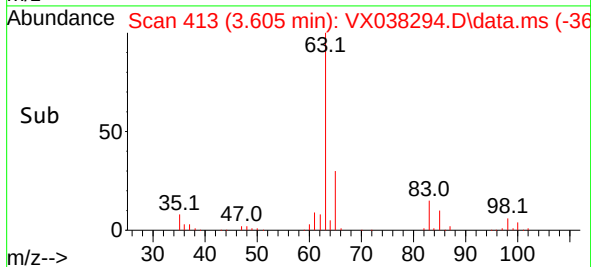
Reviewed By :John Carlone 10/17/2023
 Supervised By :Mahesh Dadoda 10/18/2023

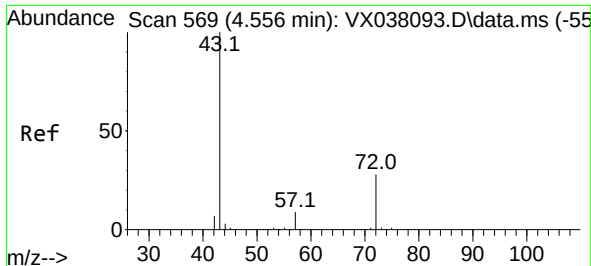


#24
 1,1-Dichloroethane
 Concen: 48.521 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038294.D
 Acq: 16 Oct 2023 11:08



Tgt Ion: 63 Resp: 170249
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 4.0 2.1 6.5





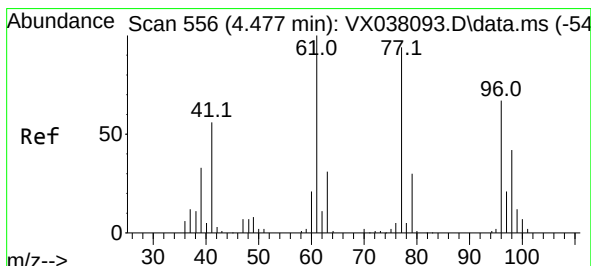
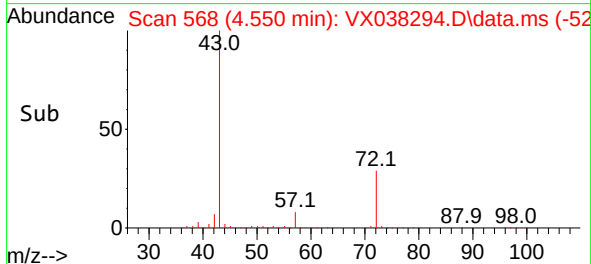
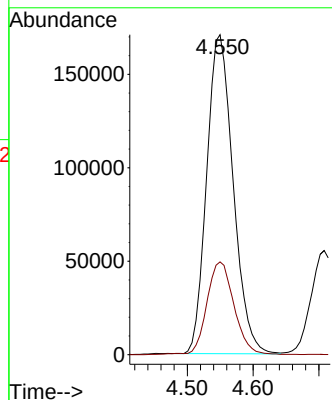
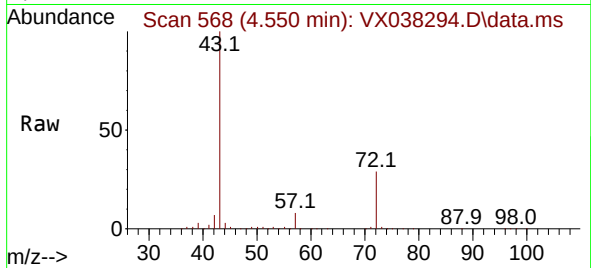
#25
2-Butanone
Concen: 261.676 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 477760
Ion Ratio Lower Upper
43 100
72 29.0 19.4 29.2

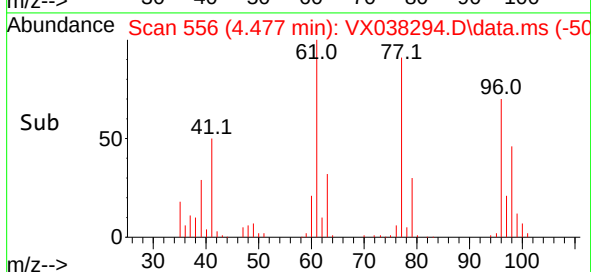
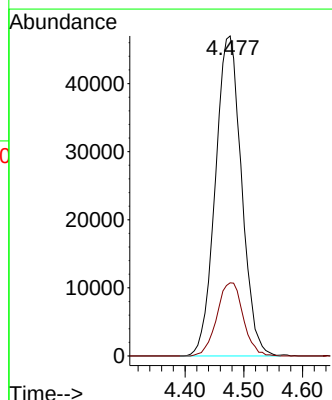
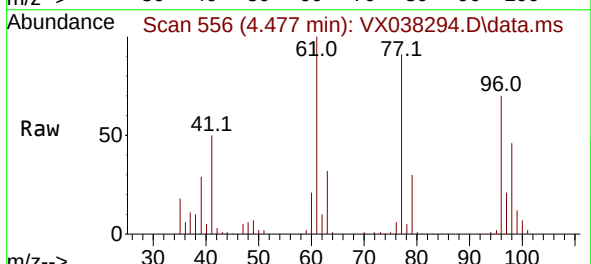
Manual Integrations
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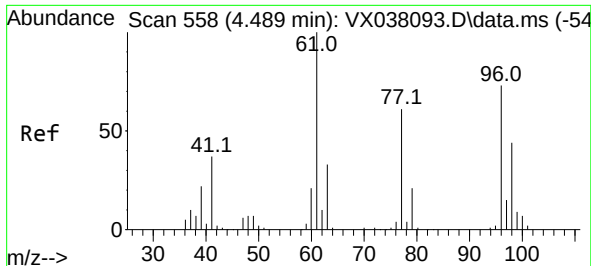
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#26
2,2-Dichloropropane
Concen: 53.019 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Tgt Ion: 77 Resp: 145242
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.268 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 11432

Ion Ratio Lower Upper

96 100

61 138.6 0.0 312.2

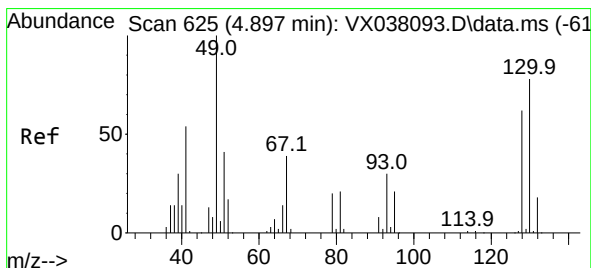
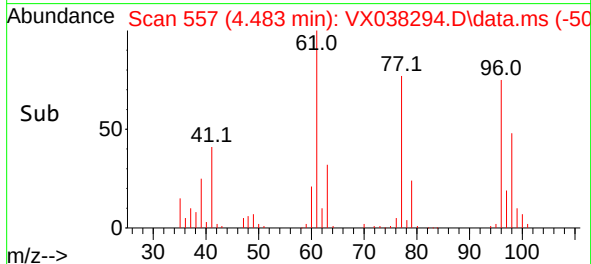
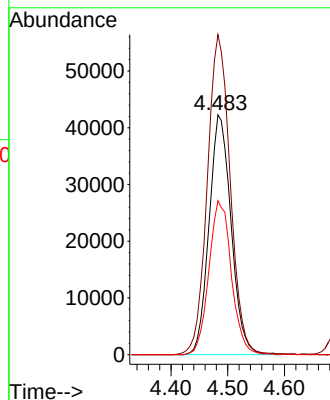
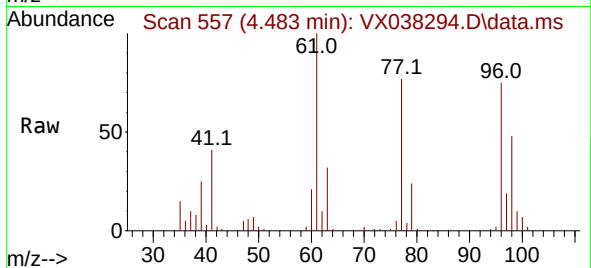
98 65.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#28

Bromochloromethane

Concen: 44.846 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

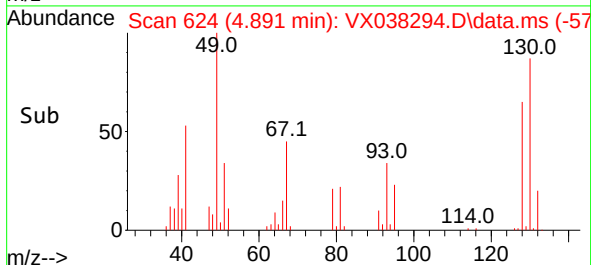
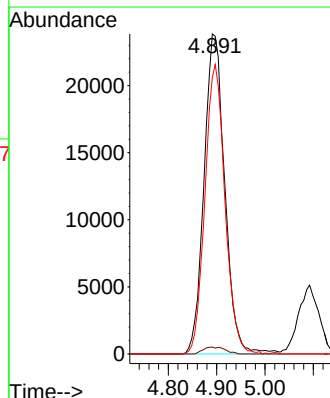
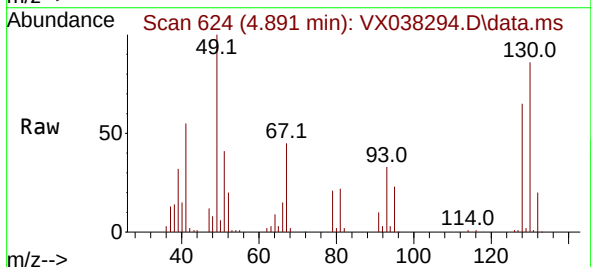
Tgt Ion: 49 Resp: 71034

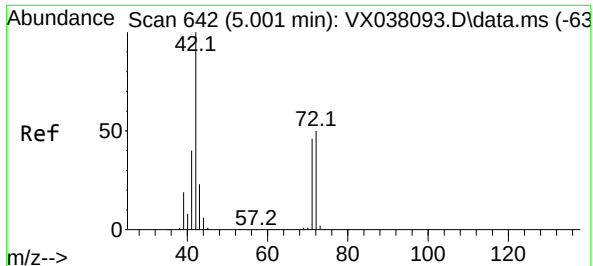
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 87.4 57.5 86.3#





#29

Tetrahydrofuran

Concen: 231.203 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 274829

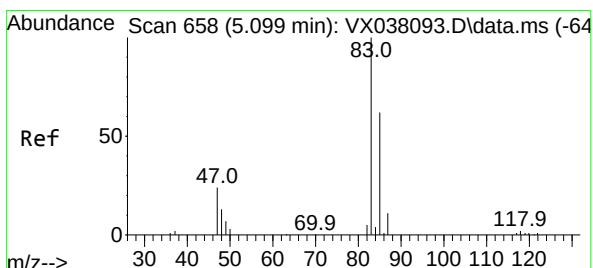
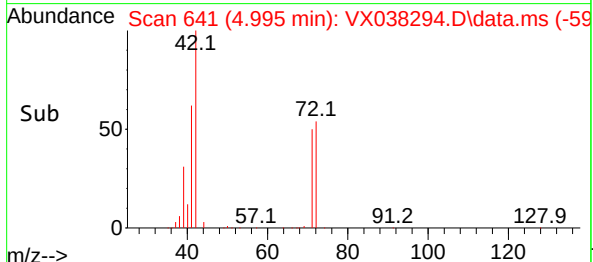
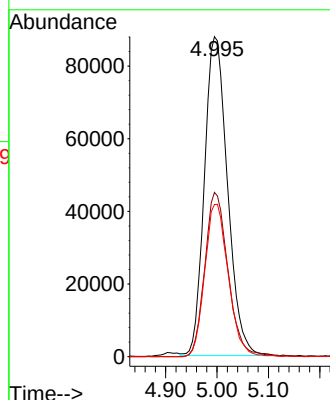
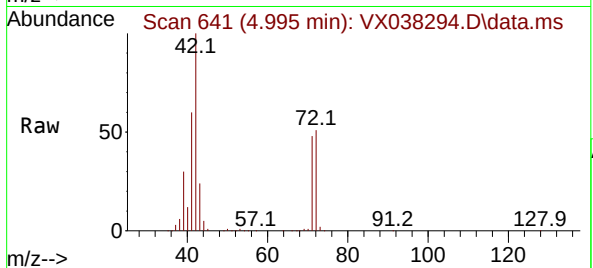
Ion	Ratio	Lower	Upper
42	100		
72	51.9	34.2	51.4
71	48.6	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#30

Chloroform

Concen: 50.445 ug/l

RT: 5.092 min Scan# 657

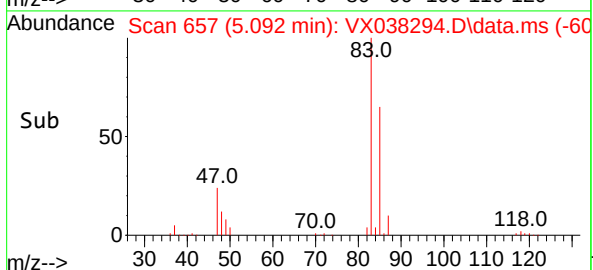
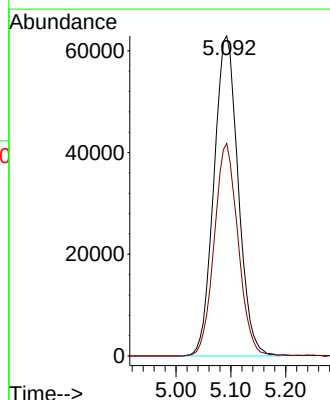
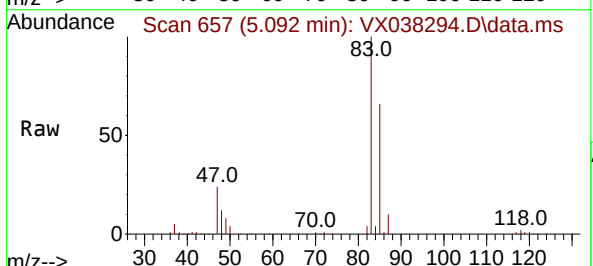
Delta R.T. -0.001 min

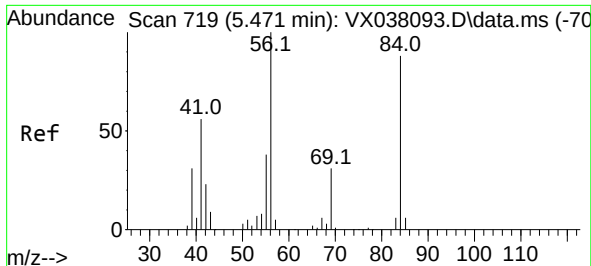
Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Tgt Ion: 83 Resp: 193554

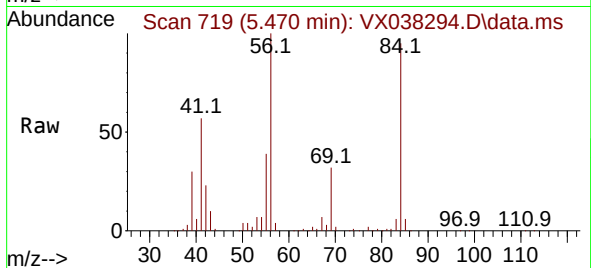
Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.3	75.5





#31
Cyclohexane
Concen: 50.070 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

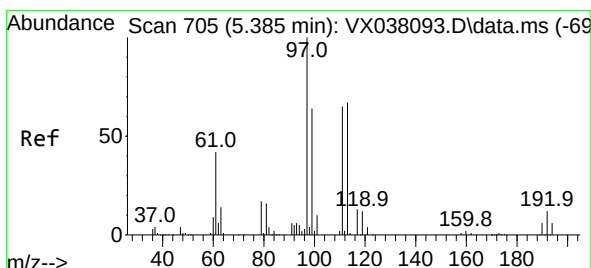
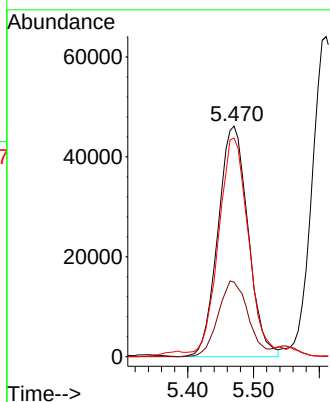
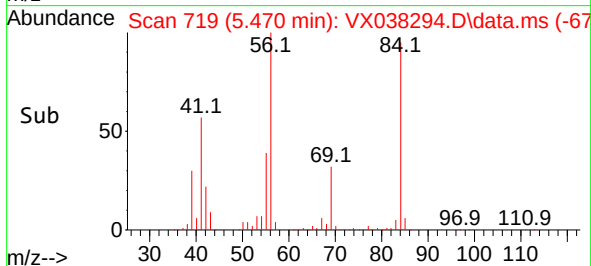
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 147082
Ion Ratio Lower Upper
56 100
69 32.4 23.4 35.2
84 92.3 65.9 98.9

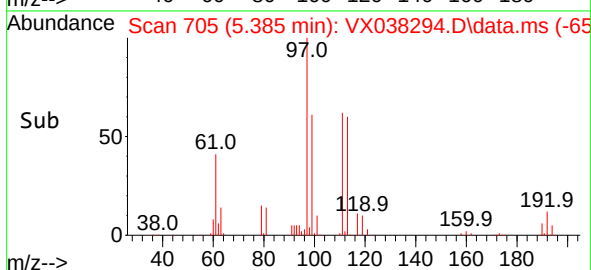
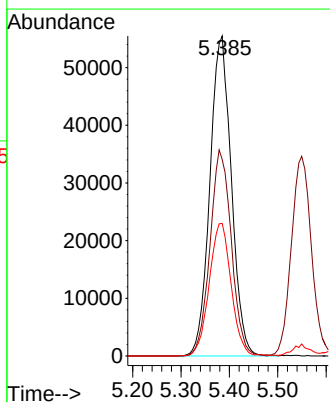
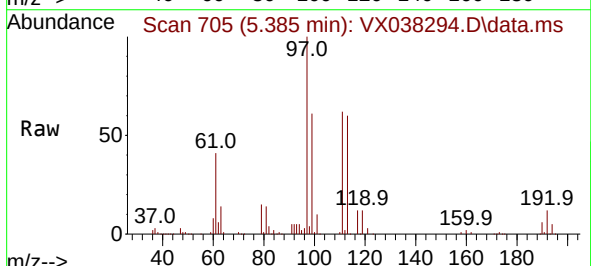
Manual Integrations
APPROVED

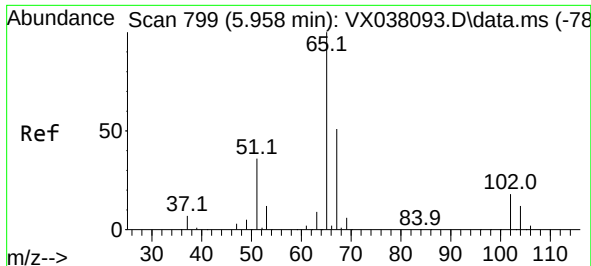
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#32
1,1,1-Trichloroethane
Concen: 51.966 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Tgt Ion: 97 Resp: 170783
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 42.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.818 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 12422

Ion Ratio Lower Upper

65 100

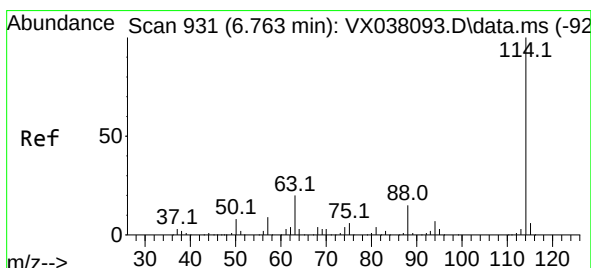
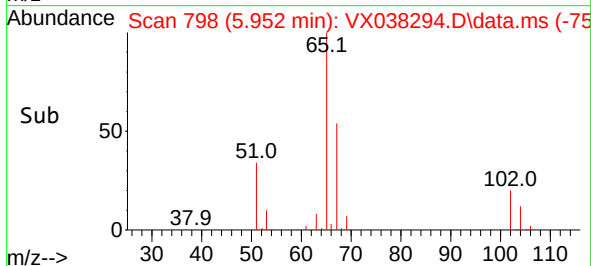
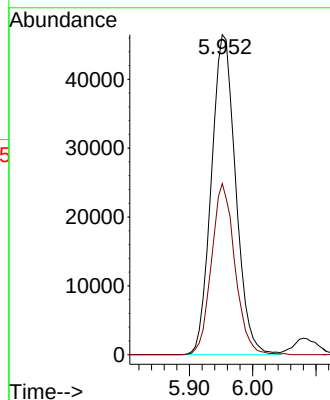
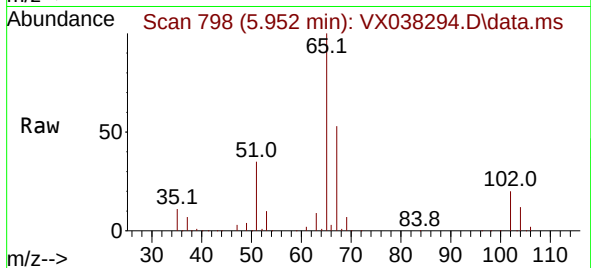
67 51.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

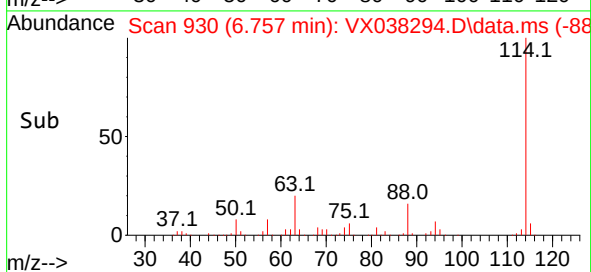
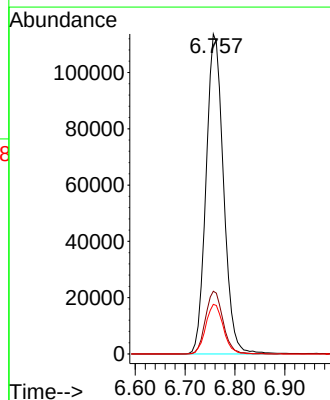
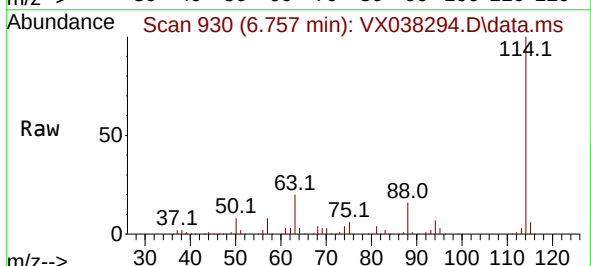
Tgt Ion:114 Resp: 276525

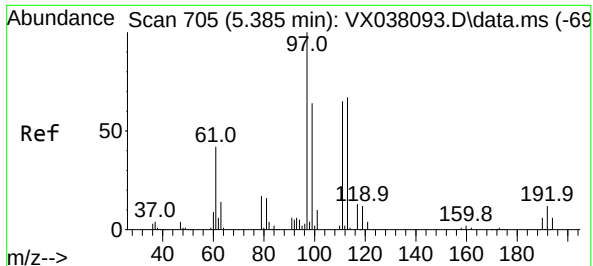
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.785 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX038294.D

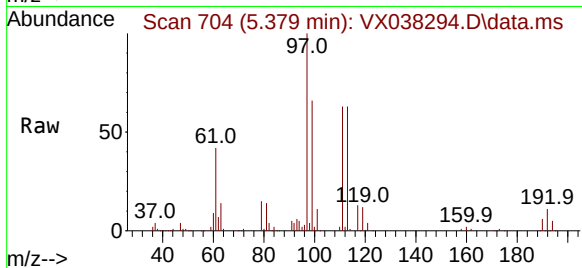
Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



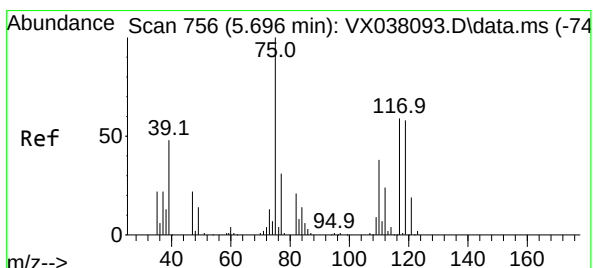
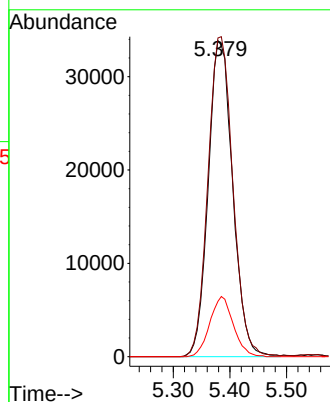
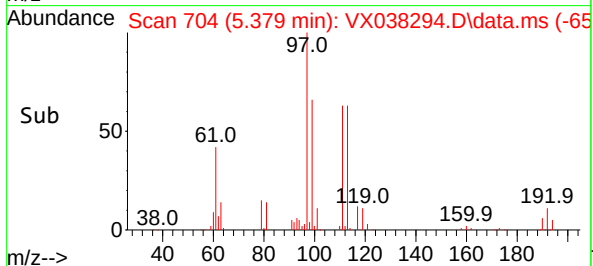
Tgt Ion:	113	Resp:	101190
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	18.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#36

1,1-Dichloropropene

Concen: 50.704 ug/l

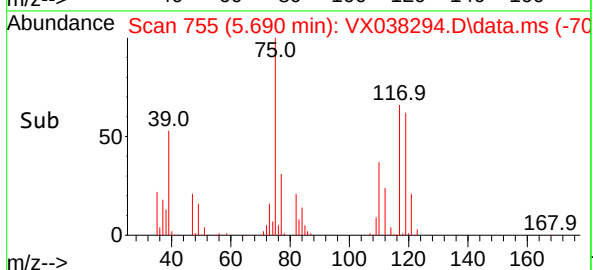
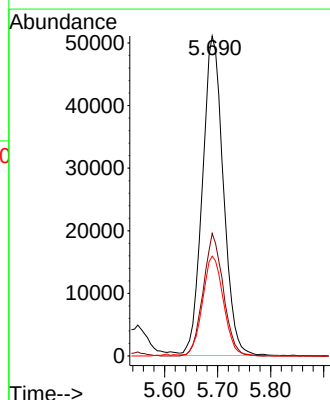
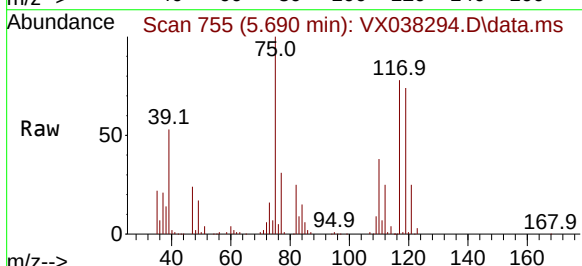
RT: 5.690 min Scan# 755

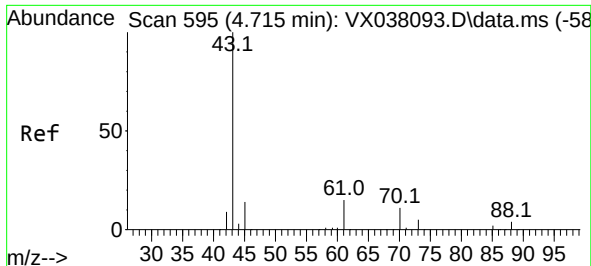
Delta R.T. -0.000 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

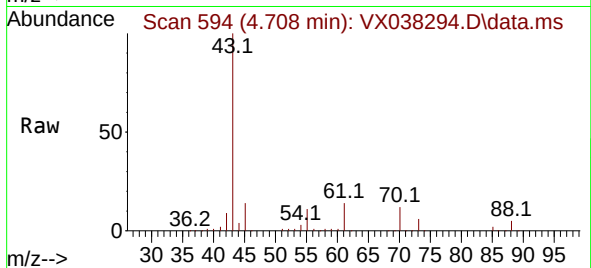
Tgt Ion:	75	Resp:	139319
Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.0	50.9
77	31.5	24.7	37.1





#37
Ethyl Acetate
Concen: 49.341 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.007 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

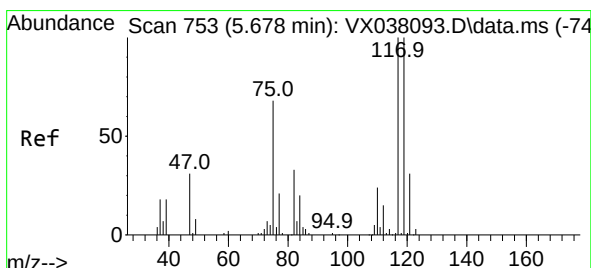
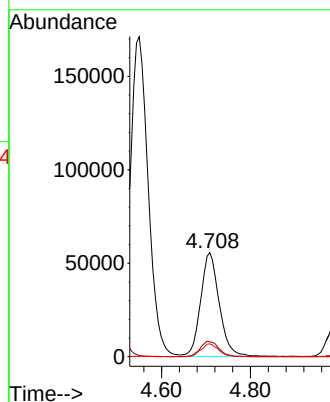
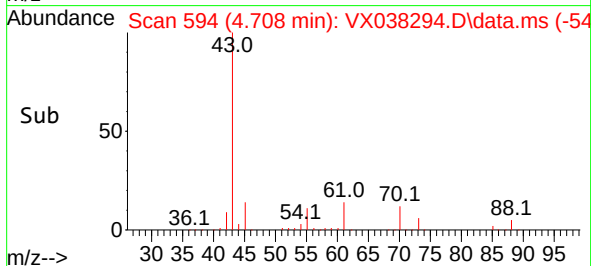
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 16101
Ion Ratio Lower Upper
43 100
61 15.0 10.6 16.0
70 11.9 8.3 12.5

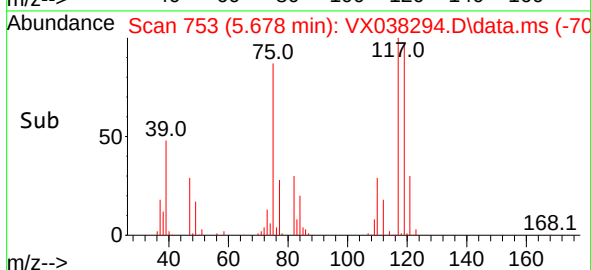
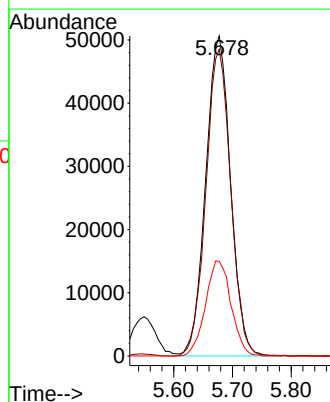
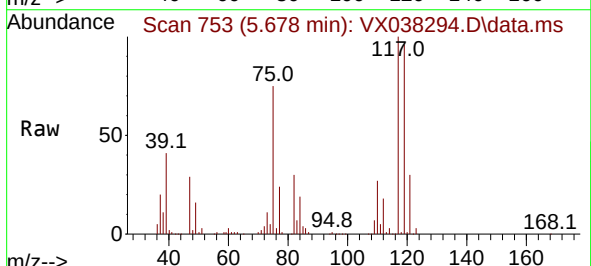
Manual Integrations
APPROVED

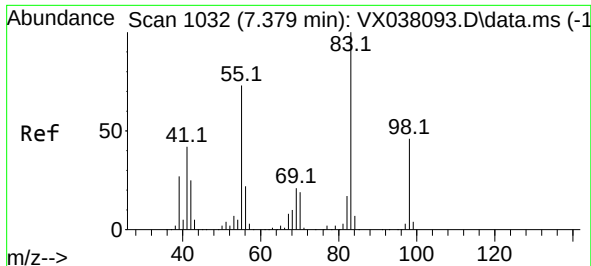
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#38
Carbon Tetrachloride
Concen: 55.028 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Tgt Ion:117 Resp: 148741
Ion Ratio Lower Upper
117 100
119 95.6 78.2 117.2
121 29.5 24.4 36.6





#39

Methylcyclohexane

Concen: 54.309 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.007 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 17478

Ion Ratio Lower Upper

83 100

55 70.6 64.6 97.0

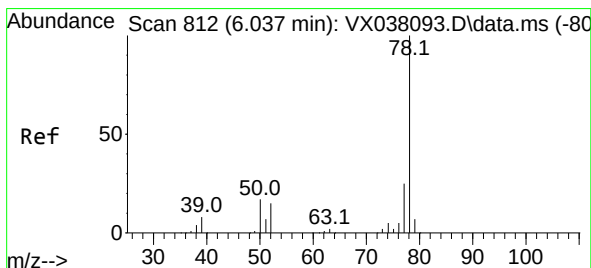
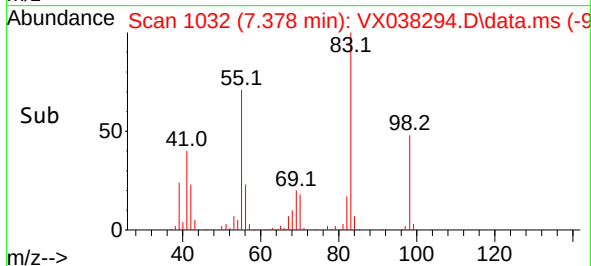
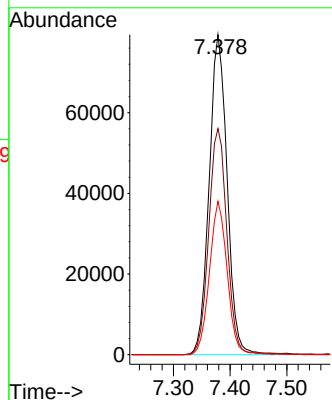
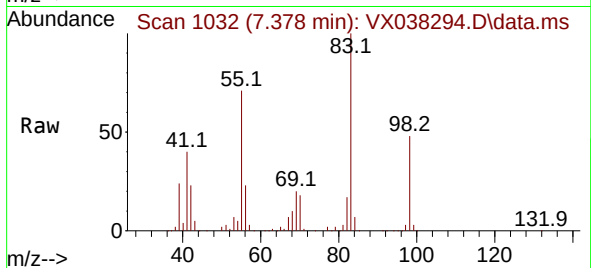
98 47.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#40

Benzene

Concen: 52.469 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.001 min

Lab File: VX038294.D

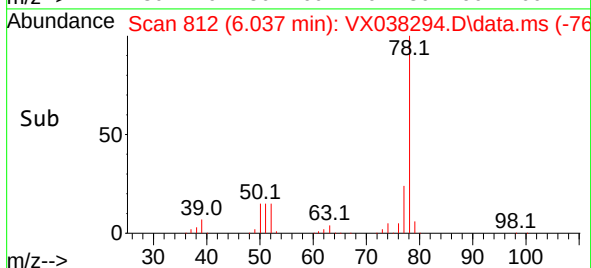
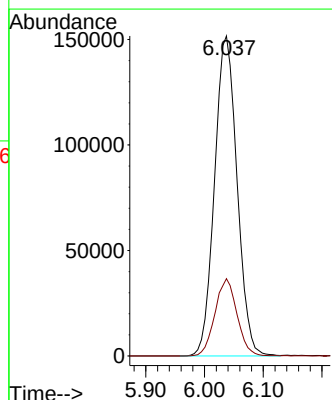
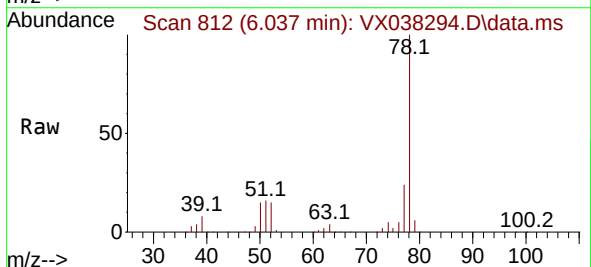
Acq: 16 Oct 2023 11:08

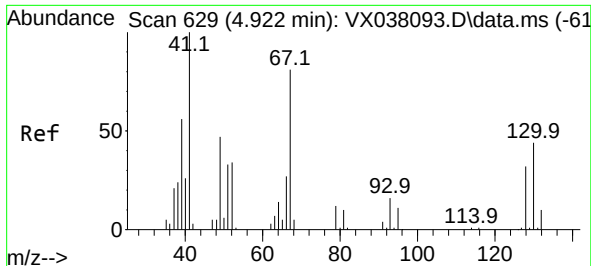
Tgt Ion: 78 Resp: 403233

Ion Ratio Lower Upper

78 100

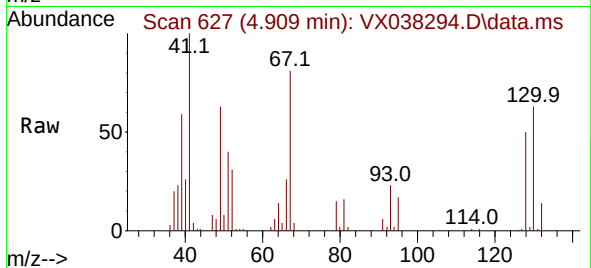
77 24.2 19.3 28.9





#41
Methacrylonitrile
Concen: 49.710 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

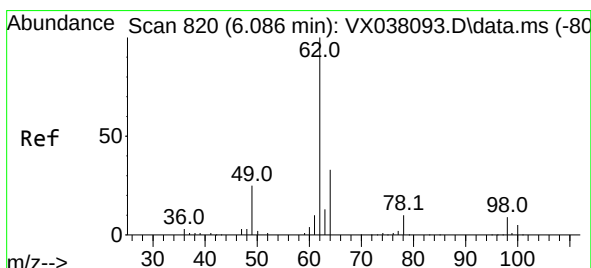
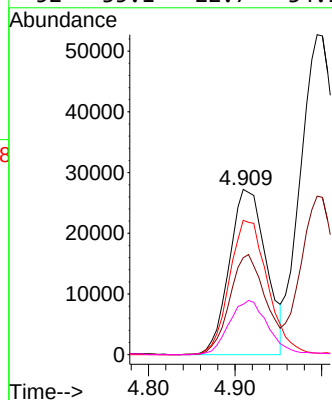
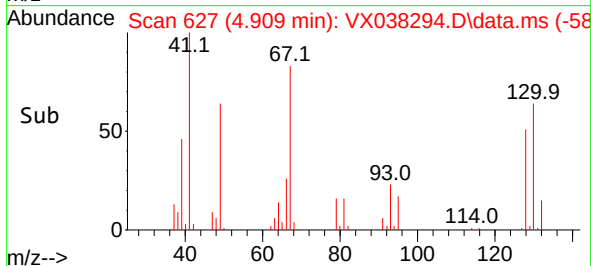
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 8069
Ion Ratio Lower Upper
41 100
39 58.7 45.2 67.8
67 84.9 52.6 78.8
52 35.1 22.7 34.1#

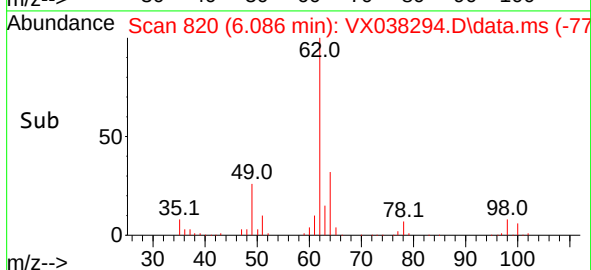
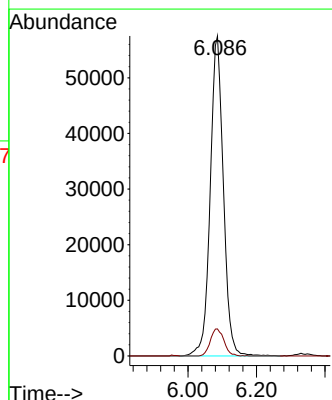
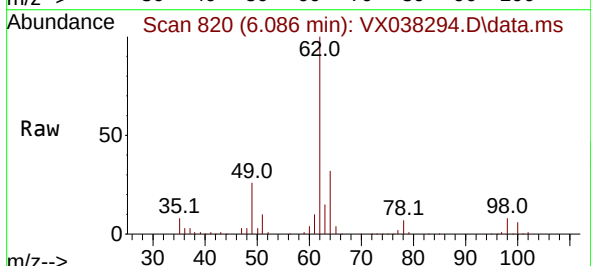
Manual Integrations
APPROVED

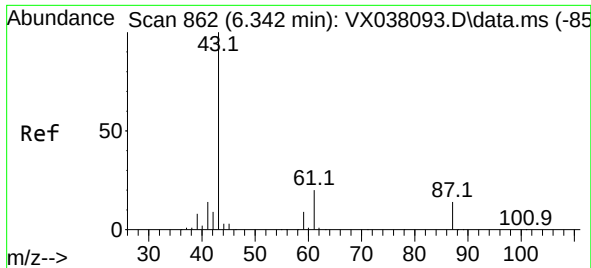
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#42
1,2-Dichloroethane
Concen: 50.021 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Tgt Ion: 62 Resp: 153588
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 50.136 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 244238

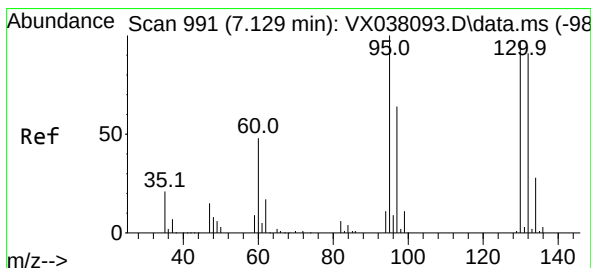
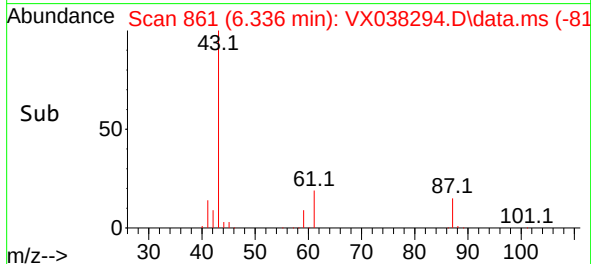
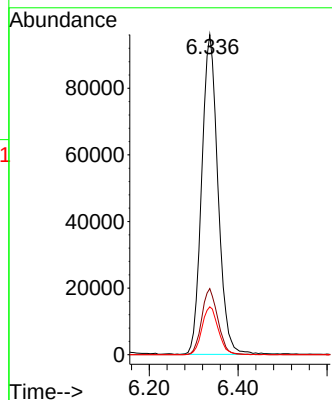
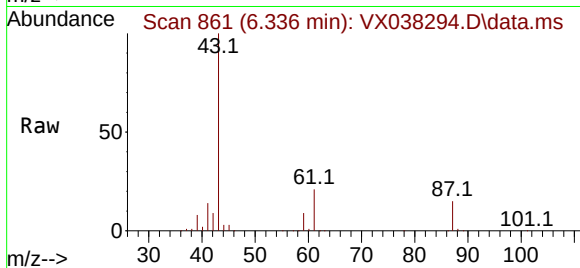
Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.2	22.8
87	15.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#44

Trichloroethene

Concen: 54.663 ug/l

RT: 7.122 min Scan# 990

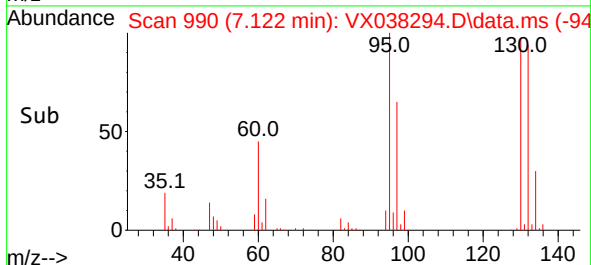
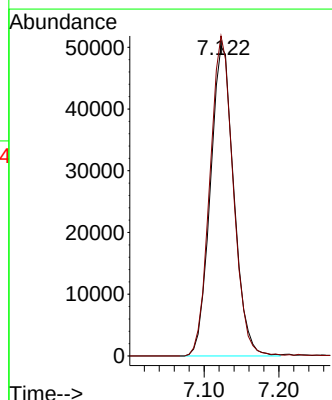
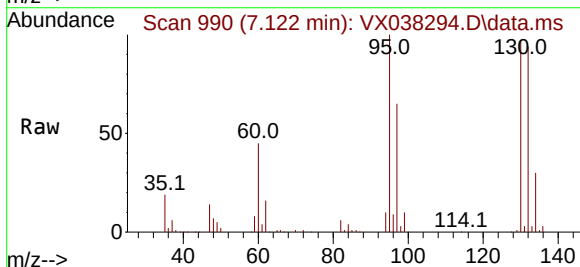
Delta R.T. -0.007 min

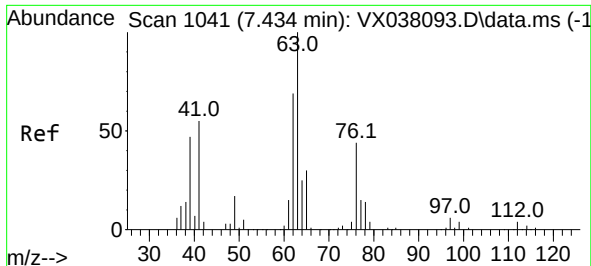
Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Tgt Ion:130 Resp: 109876

Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	204.4





#45

1,2-Dichloropropane

Concen: 50.572 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 100590

Ion Ratio Lower Upper

63 100

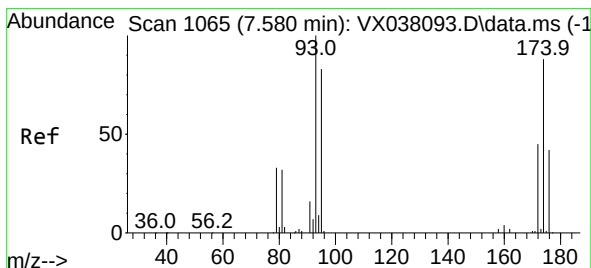
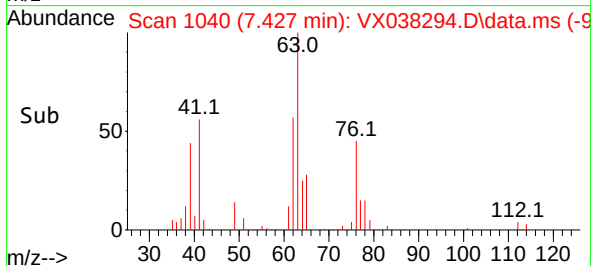
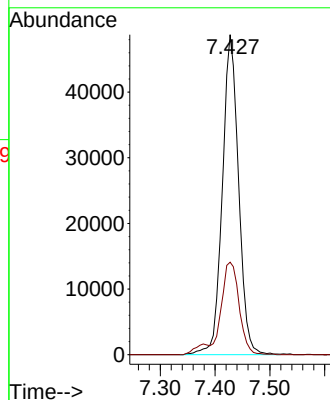
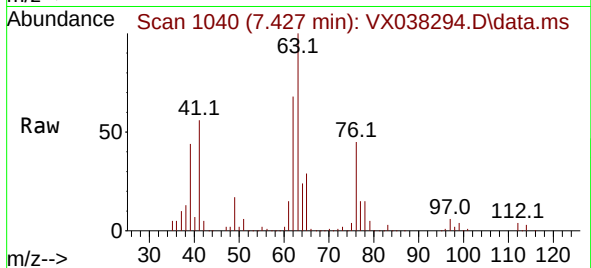
65 28.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#46

Dibromomethane

Concen: 52.733 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

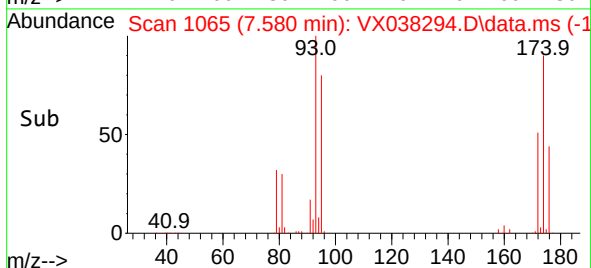
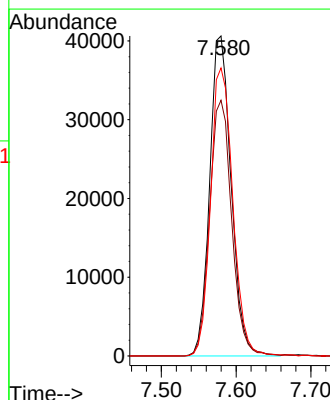
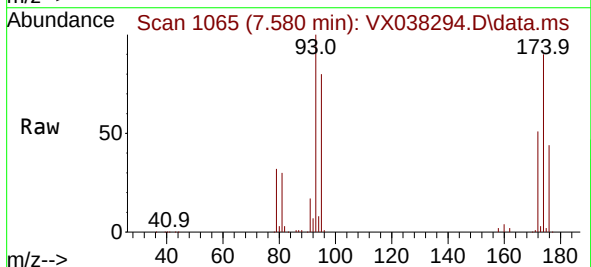
Tgt Ion: 93 Resp: 81351

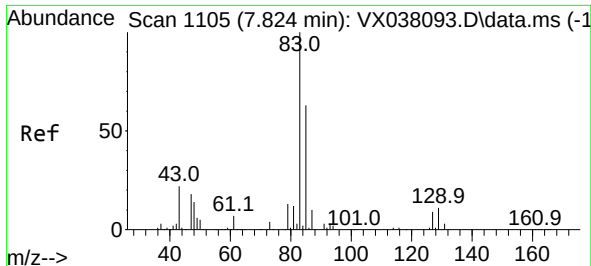
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

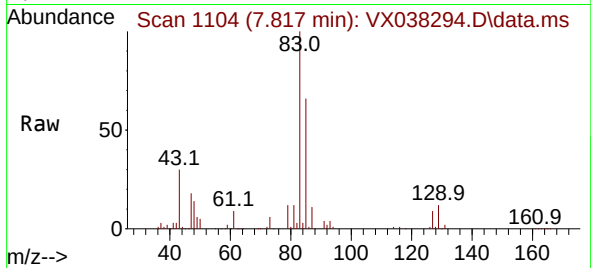
174 93.1 69.4 104.0





#47
Bromodichloromethane
Concen: 54.359 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.007 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

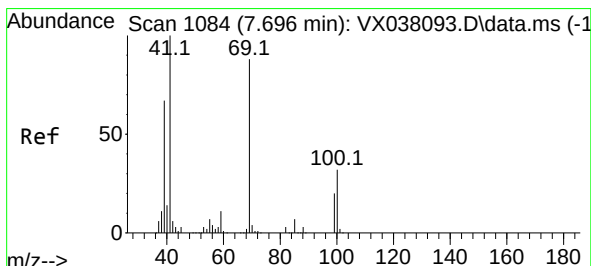
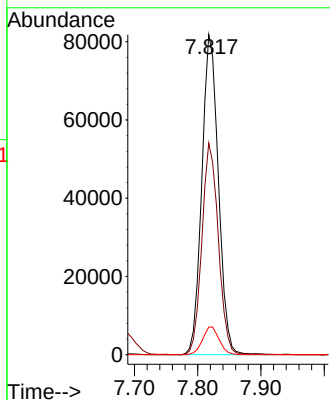
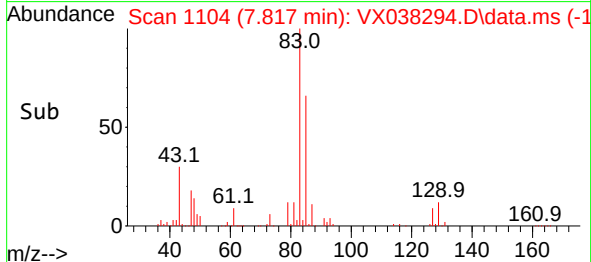
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 14918
Ion Ratio Lower Upper
83 100
85 66.1 49.8 74.6
127 8.6 7.1 10.7

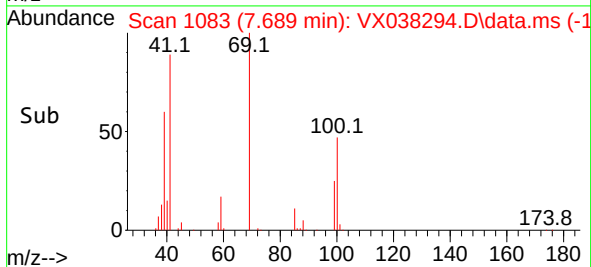
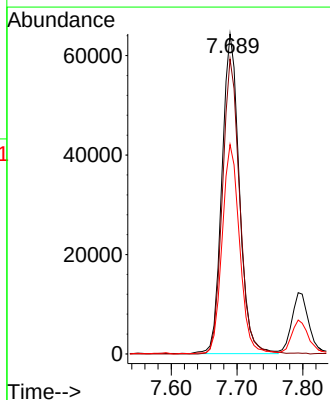
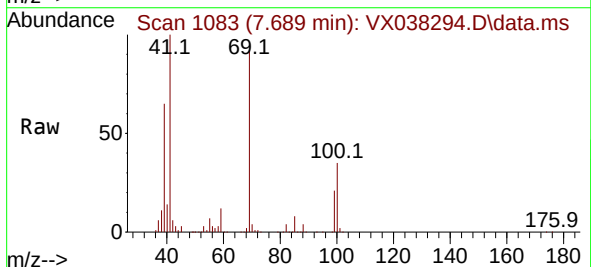
Manual Integrations
APPROVED

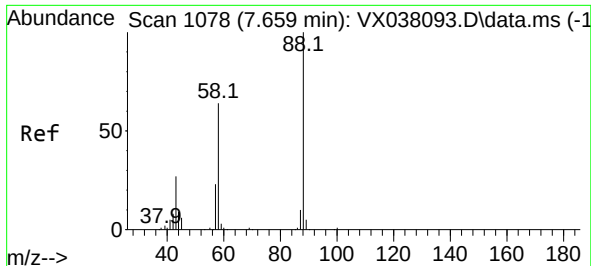
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#48
Methyl methacrylate
Concen: 50.917 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Tgt Ion: 41 Resp: 118410
Ion Ratio Lower Upper
41 100
69 91.7 59.2 88.8
39 65.5 47.7 71.5





#49

1,4-Dioxane

Concen: 945.086 ug/l

RT: 7.653 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

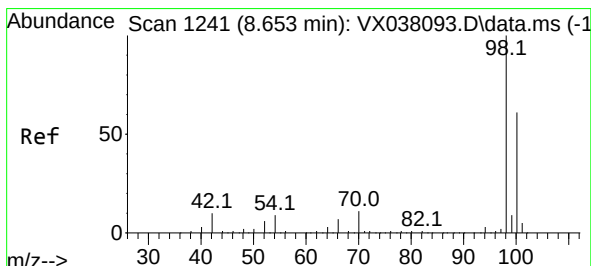
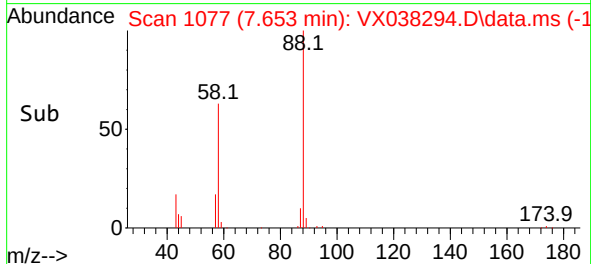
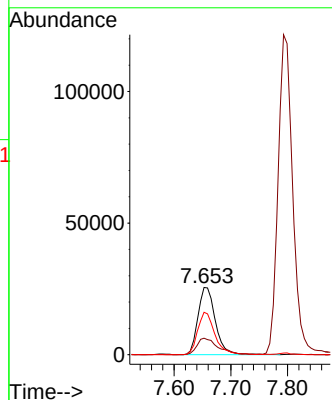
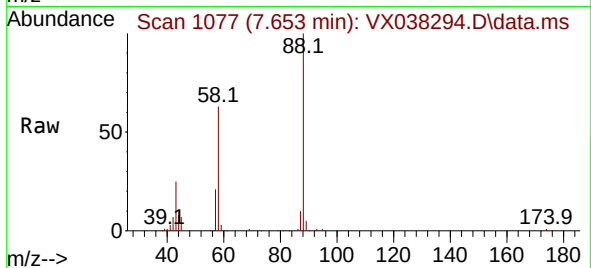
Tgt Ion: 88 Resp: 54160
 Ion Ratio Lower Upper
 88 100
 43 30.3 0.0 0.0
 58 62.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#50

Toluene-d8

Concen: 48.460 ug/l

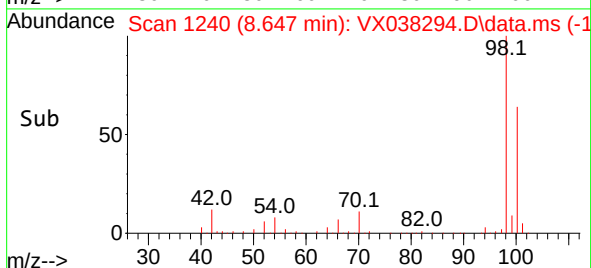
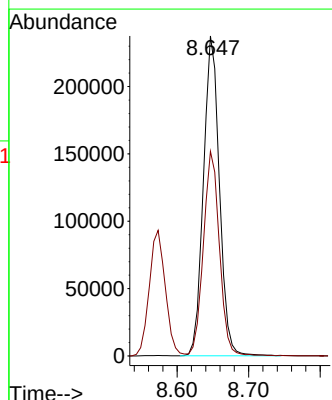
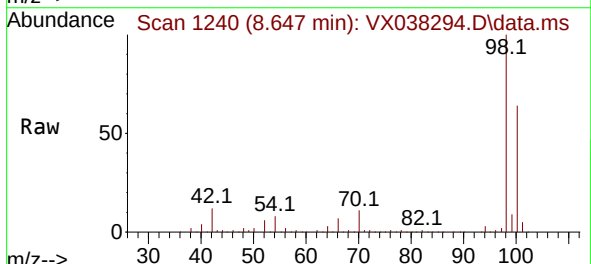
RT: 8.647 min Scan# 1240

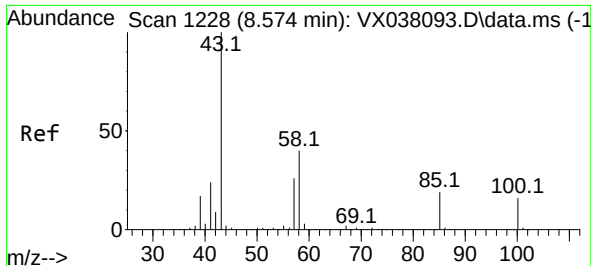
Delta R.T. -0.006 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Tgt Ion: 98 Resp: 368970
 Ion Ratio Lower Upper
 98 100
 100 64.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 254.430 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.001 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 85492

Ion Ratio Lower Upper

43 100

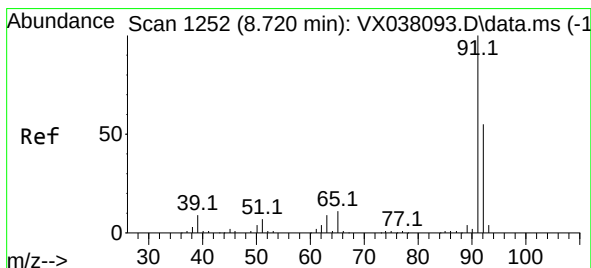
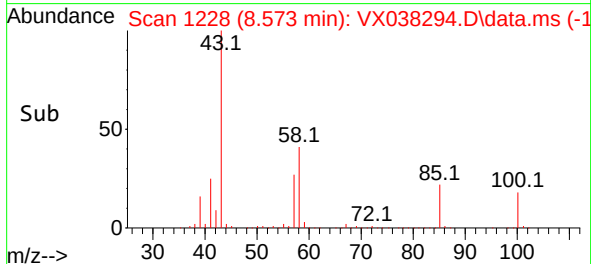
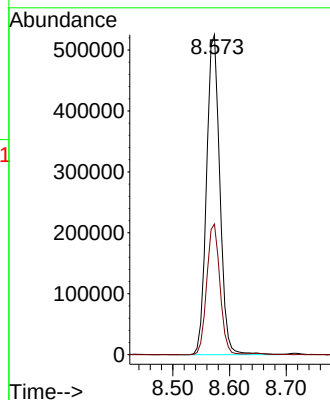
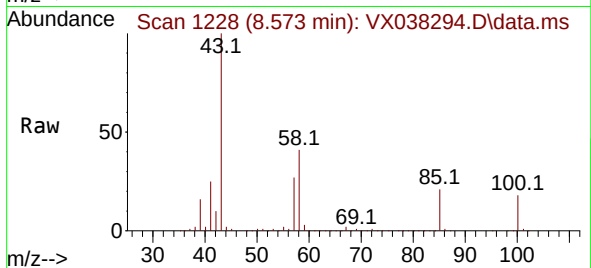
58 40.5 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#52

Toluene

Concen: 53.305 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX038294.D

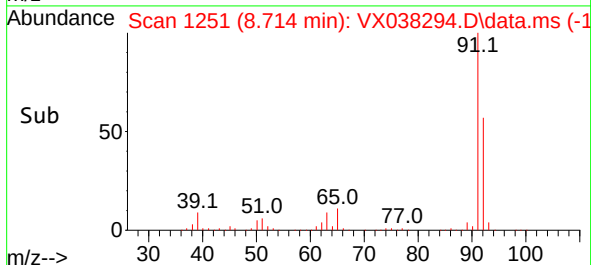
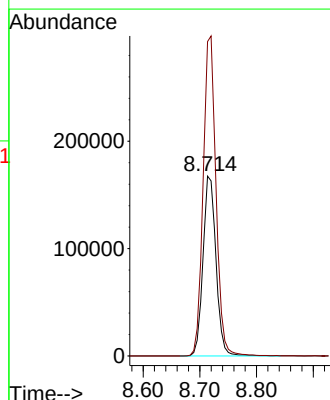
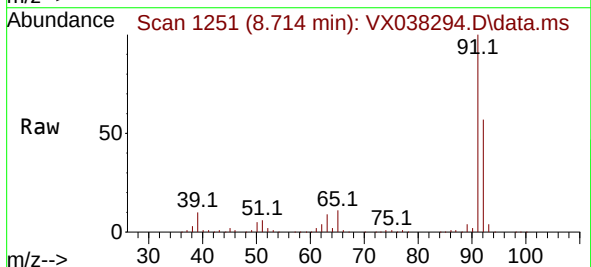
Acq: 16 Oct 2023 11:08

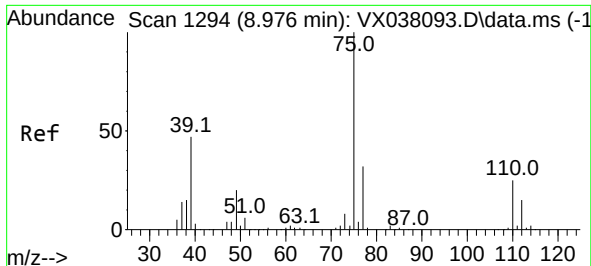
Tgt Ion: 92 Resp: 266850

Ion Ratio Lower Upper

92 100

91 176.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 56.569 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 16664

Ion Ratio Lower Upper

75 100

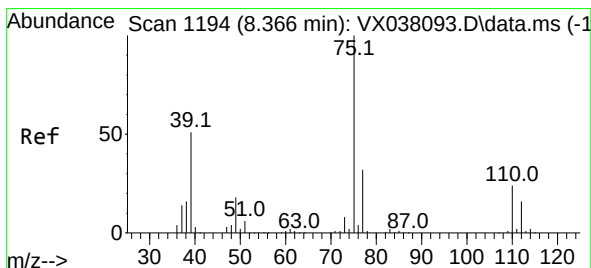
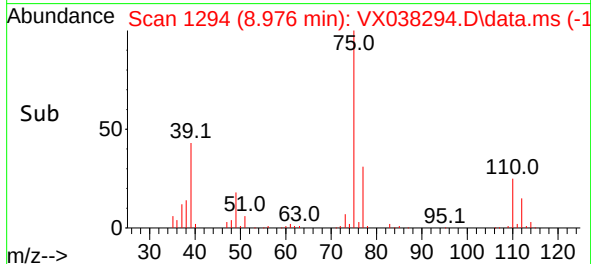
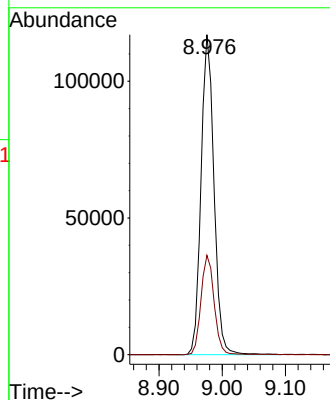
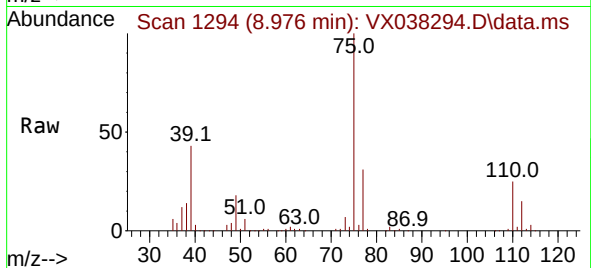
77 31.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#54

cis-1,3-Dichloropropene

Concen: 55.391 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

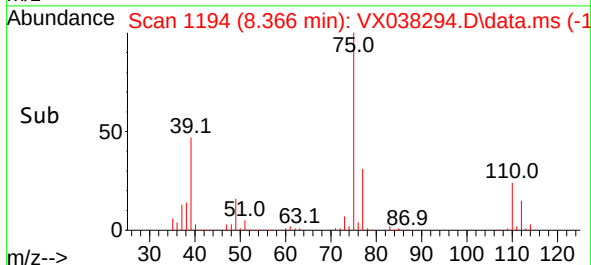
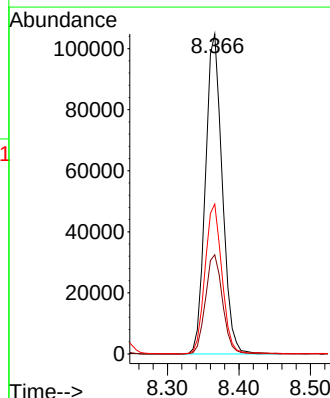
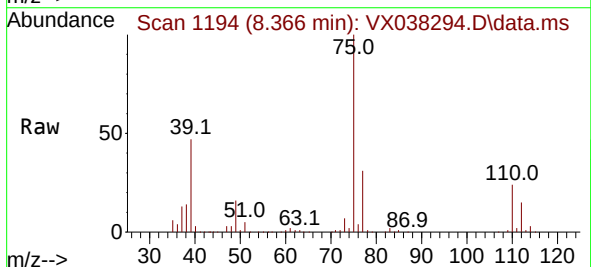
Tgt Ion: 75 Resp: 171434

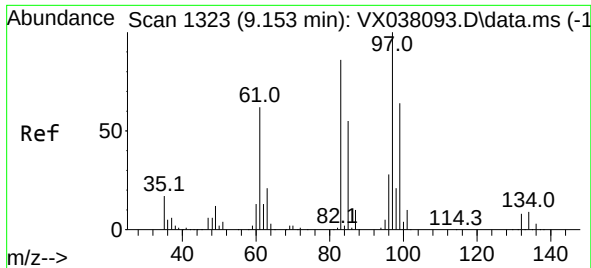
Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9

39 46.8 46.7 70.1





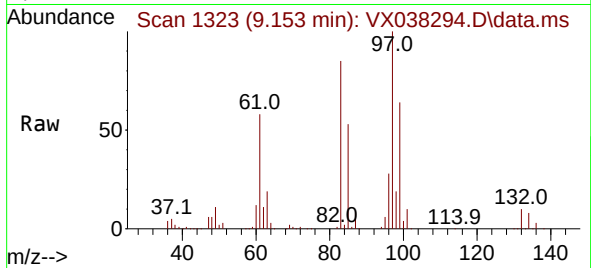
#55
1,1,2-Trichloroethane
Concen: 53.445 ug/l
RT: 9.153 min Scan# 11444
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



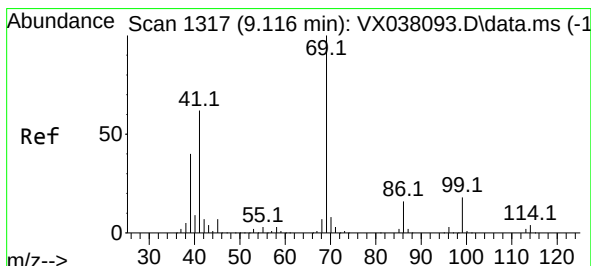
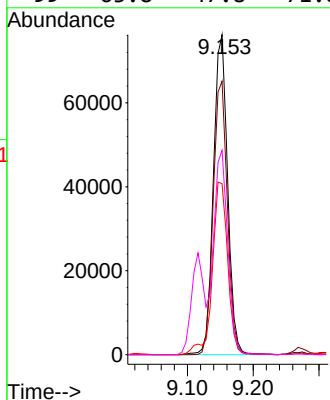
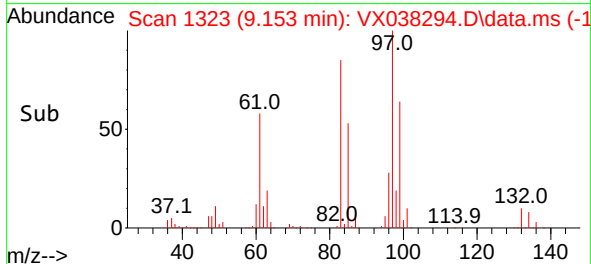
Tgt Ion: 97 Resp: 11444
Ion Ratio Lower Upper
97 100
83 85.5 65.8 98.8
85 53.4 41.6 62.4
99 63.8 47.8 71.8

Manual Integrations

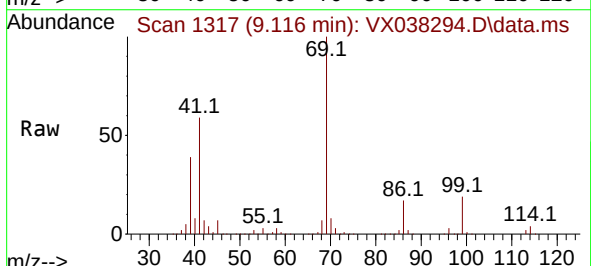
APPROVED

Reviewed By :John Carlone 10/17/2023

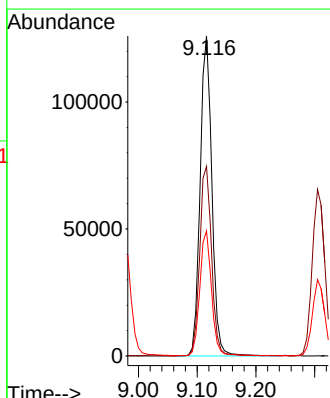
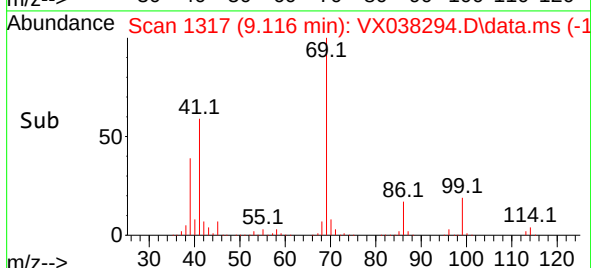
Supervised By :Mahesh Dadoda 10/18/2023

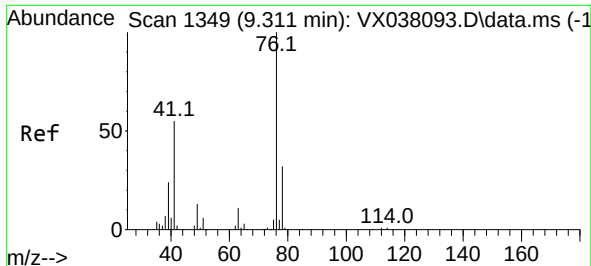


#56
Ethyl methacrylate
Concen: 53.235 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08



Tgt Ion: 69 Resp: 174771
Ion Ratio Lower Upper
69 100
41 60.0 56.8 85.2
39 39.1 32.0 48.0





#57

1,3-Dichloropropane

Concen: 52.806 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 182880

Ion Ratio Lower Upper

76 100

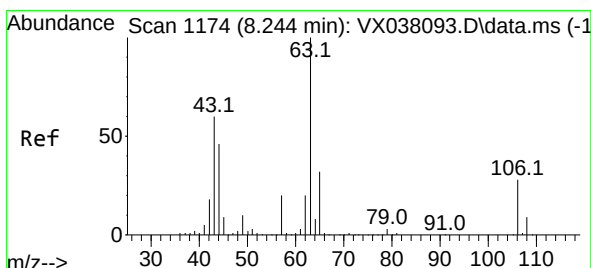
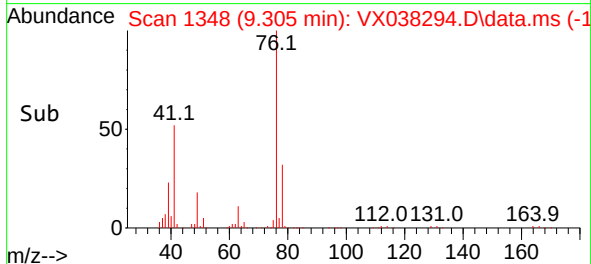
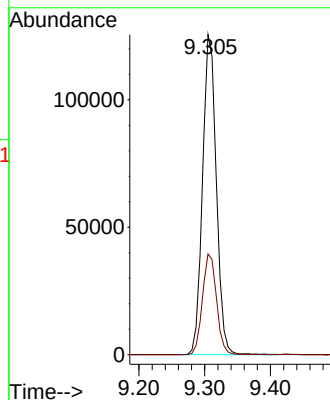
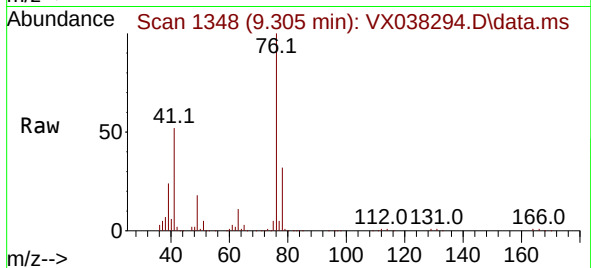
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 232.036 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038294.D

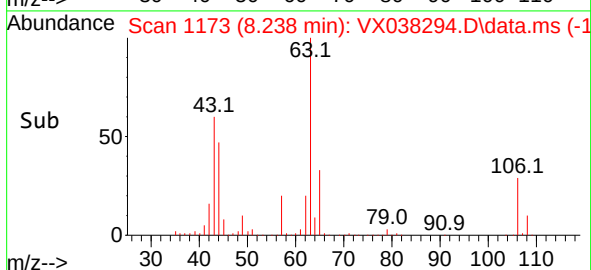
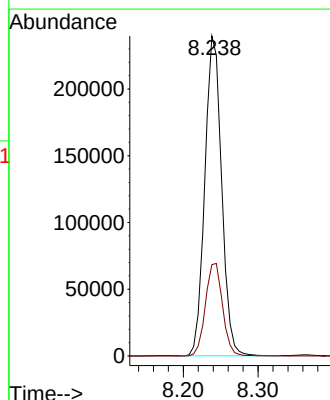
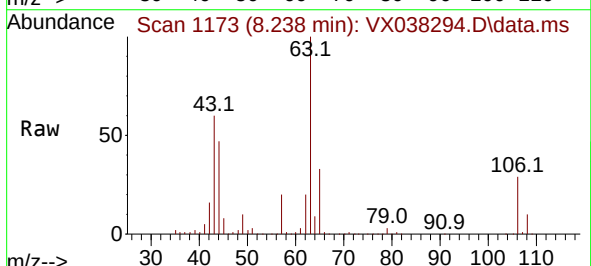
Acq: 16 Oct 2023 11:08

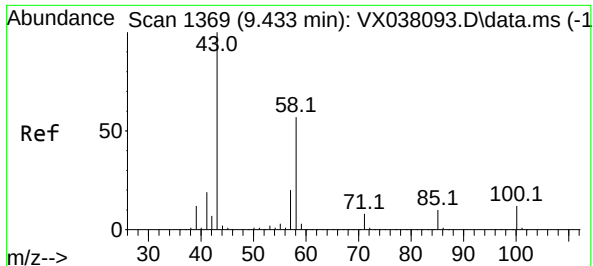
Tgt Ion: 63 Resp: 373928

Ion Ratio Lower Upper

63 100

106 29.5 22.5 33.7





#59

2-Hexanone

Concen: 268.052 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 72409

Ion Ratio Lower Upper

43 100

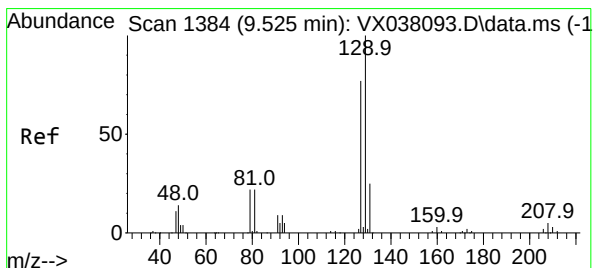
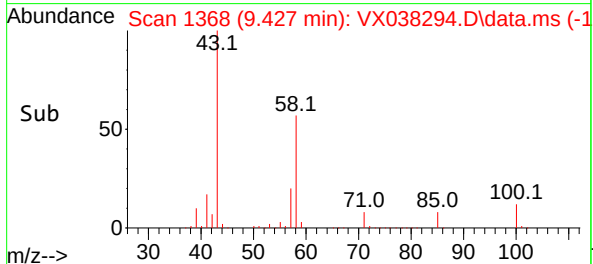
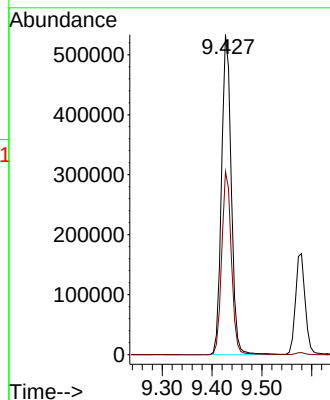
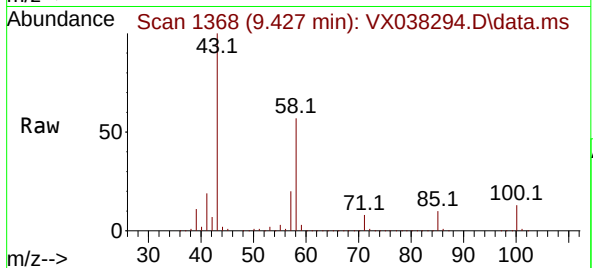
58 56.8 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#60

Dibromochloromethane

Concen: 58.143 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.007 min

Lab File: VX038294.D

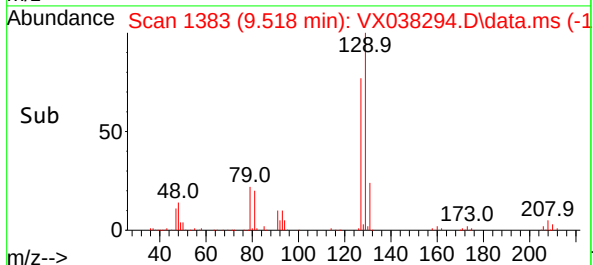
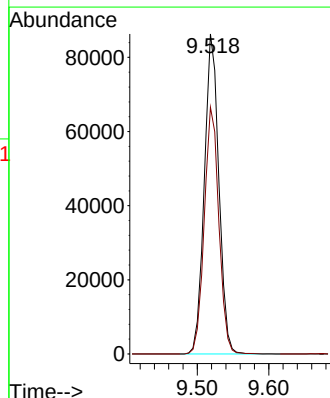
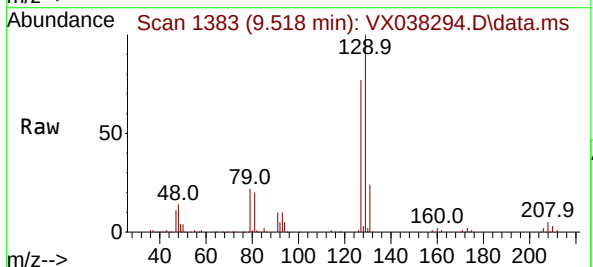
Acq: 16 Oct 2023 11:08

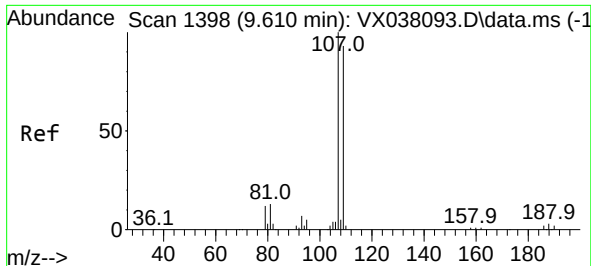
Tgt Ion:129 Resp: 121849

Ion Ratio Lower Upper

129 100

127 77.4 38.8 116.4





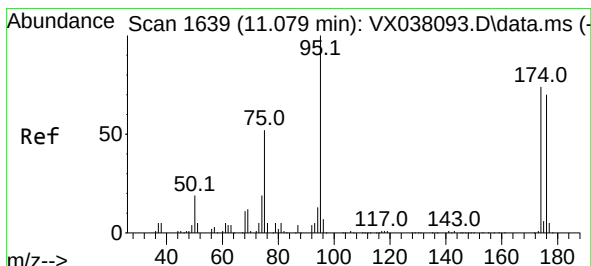
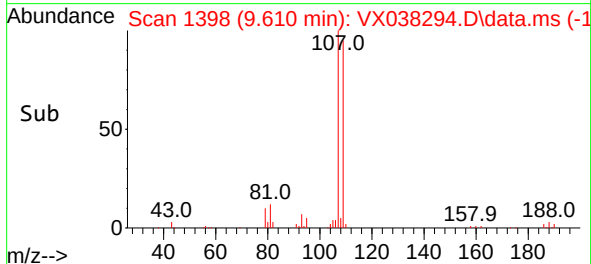
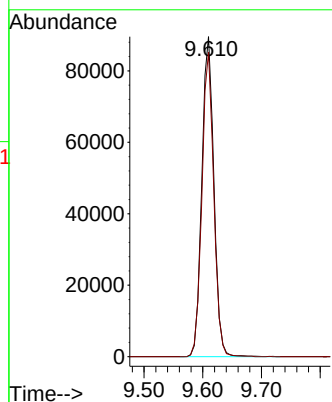
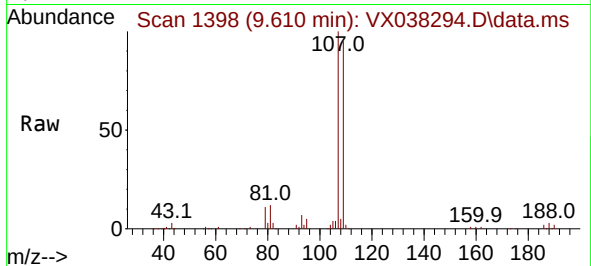
#61
1,2-Dibromoethane
Concen: 55.116 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 127624
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

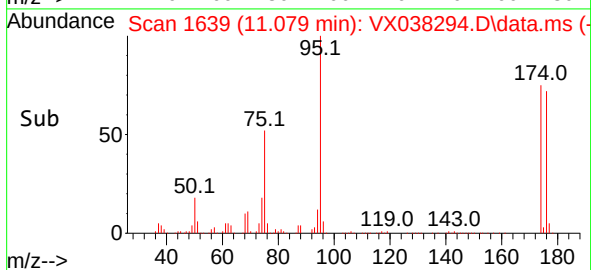
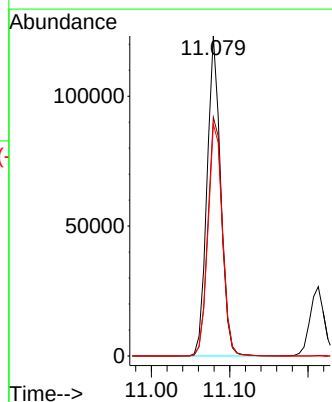
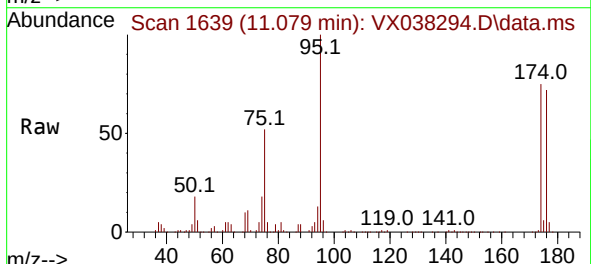
Manual Integrations
APPROVED

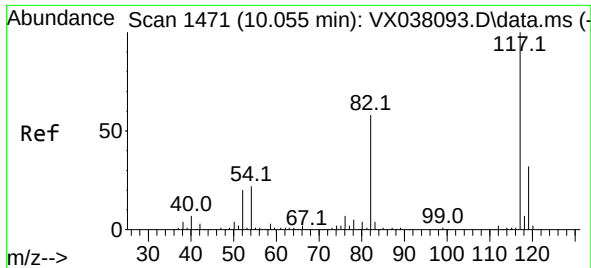
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#62
4-Bromofluorobenzene
Concen: 51.235 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

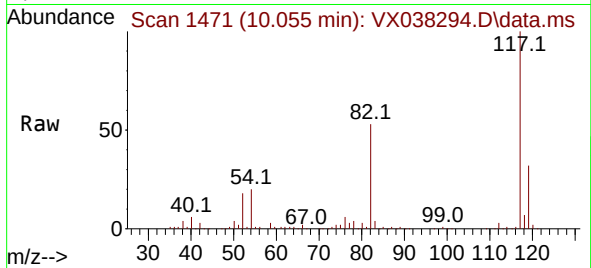
Tgt Ion: 95 Resp: 147893
Ion Ratio Lower Upper
95 100
174 79.8 0.0 135.6
176 77.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

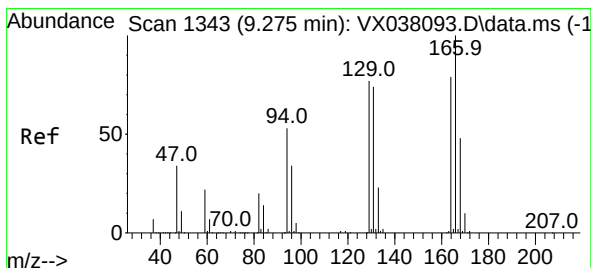
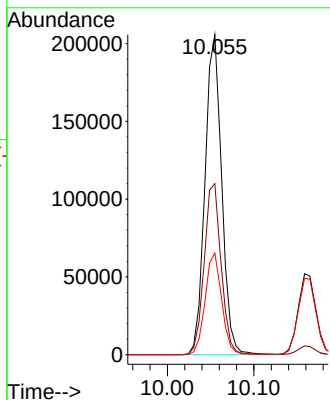
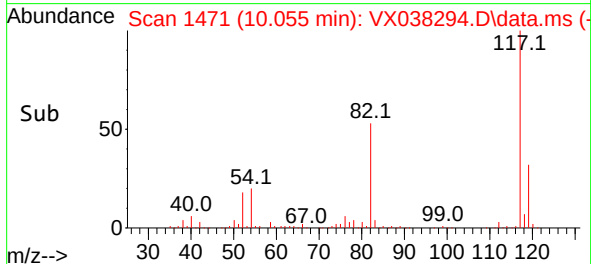
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 27570
Ion Ratio Lower Upper
117 100
82 53.4 46.2 69.4
119 31.8 25.5 38.3

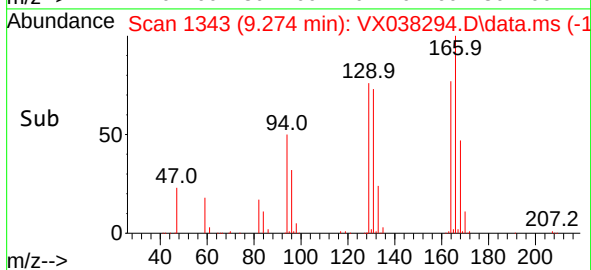
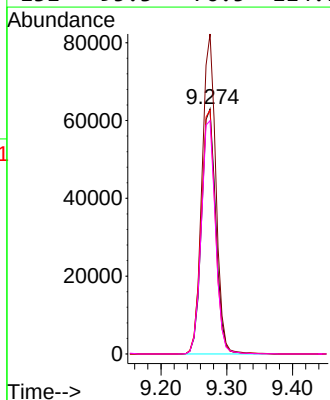
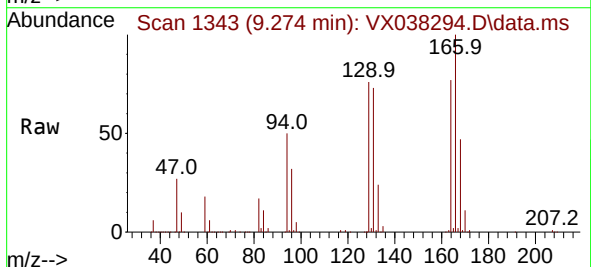
Manual Integrations
APPROVED

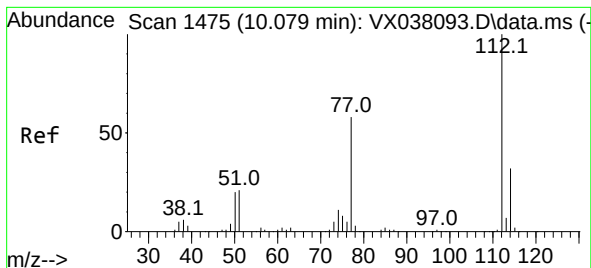
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#64
Tetrachloroethene
Concen: 53.070 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

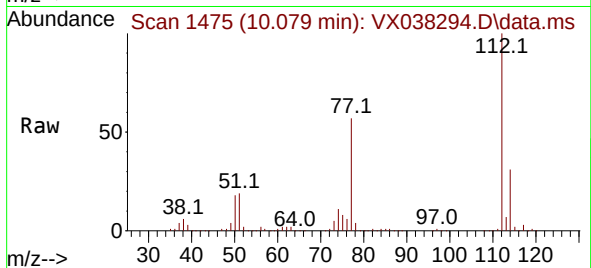
Tgt Ion:164 Resp: 94722
Ion Ratio Lower Upper
164 100
166 130.7 102.7 154.1
129 99.7 80.4 120.6
131 95.3 76.5 114.7





#65
Chlorobenzene
Concen: 51.938 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

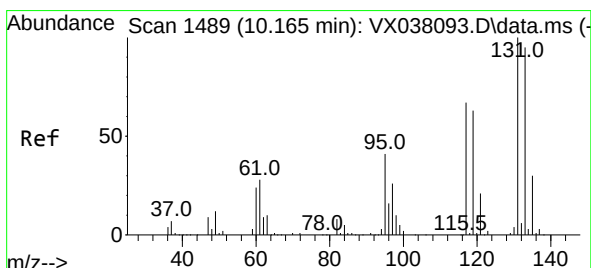
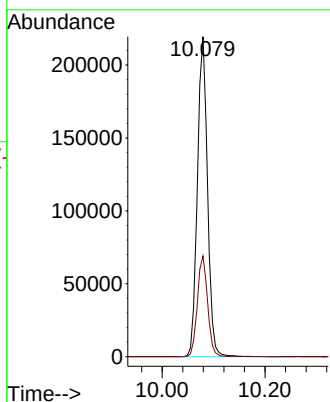
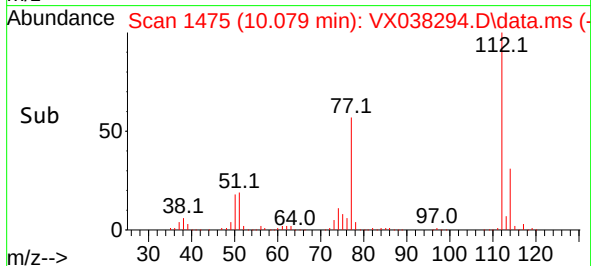
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



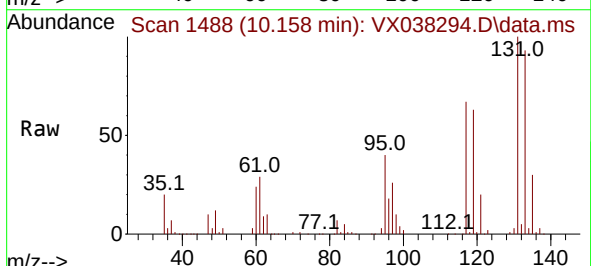
Tgt Ion:112 Resp: 29964
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

Manual Integrations
APPROVED

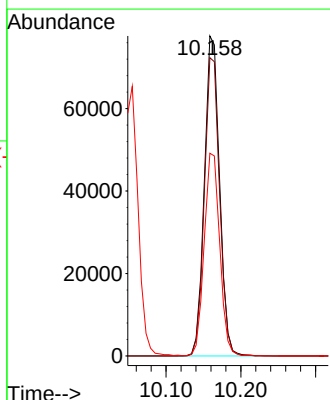
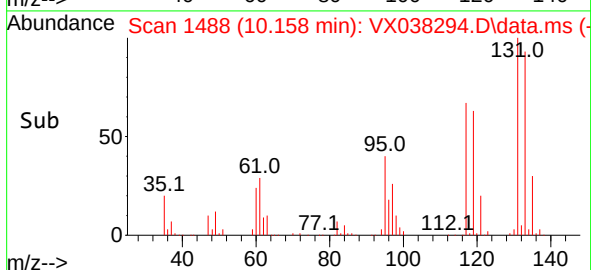
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

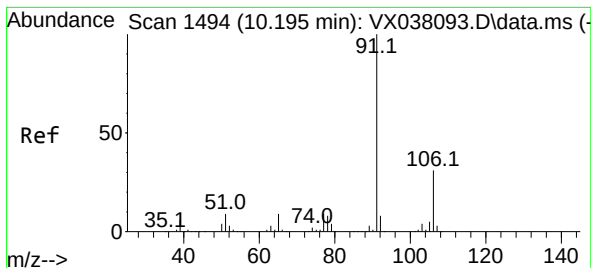


#66
1,1,1,2-Tetrachloroethane
Concen: 56.165 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.007 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08



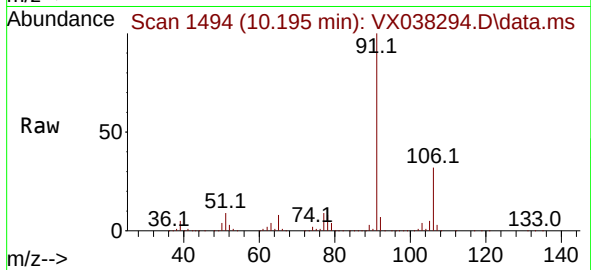
Tgt Ion:131 Resp: 109573
Ion Ratio Lower Upper
131 100
133 93.5 47.1 141.4
119 64.8 32.2 96.6





#67
Ethyl Benzene
Concen: 52.044 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

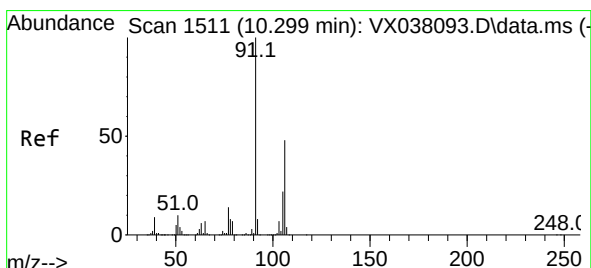
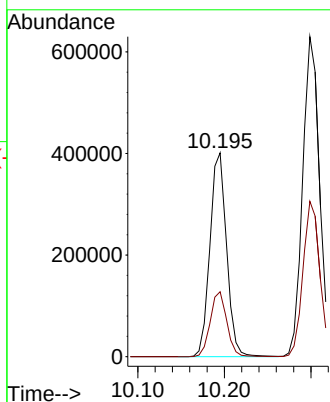
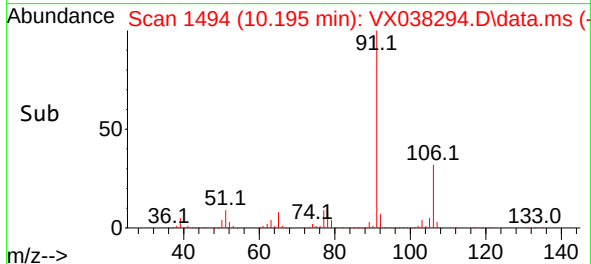
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



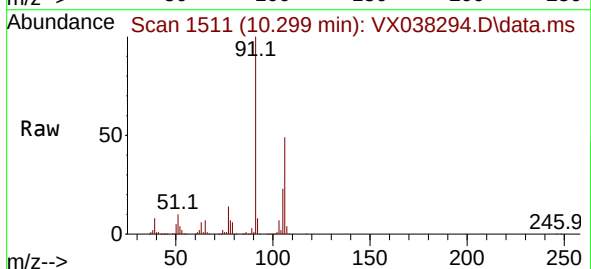
Tgt Ion: 91 Resp: 535952
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

Manual Integrations
APPROVED

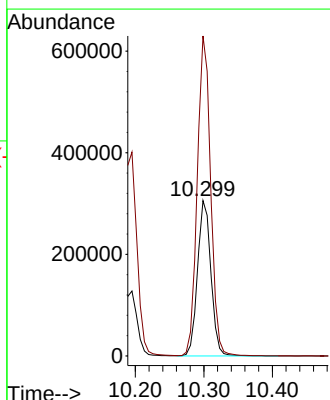
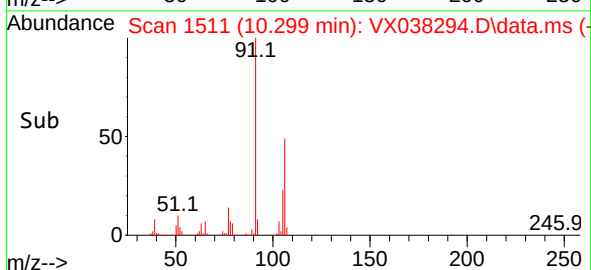
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

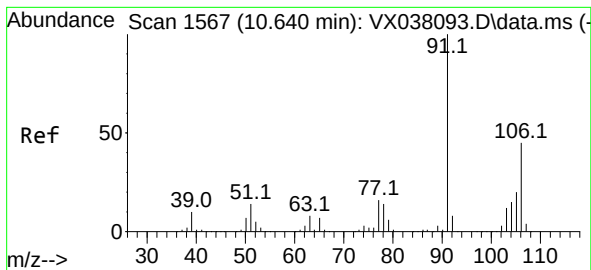


#68
m/p-Xylenes
Concen: 104.414 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08



Tgt Ion:106 Resp: 415768
Ion Ratio Lower Upper
106 100
91 206.1 165.5 248.3





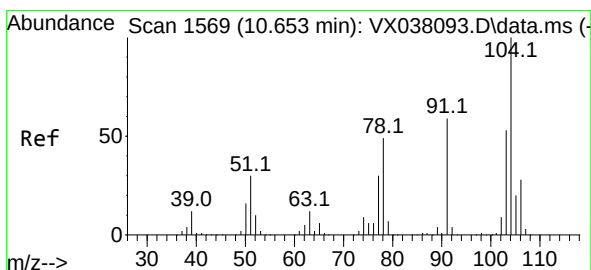
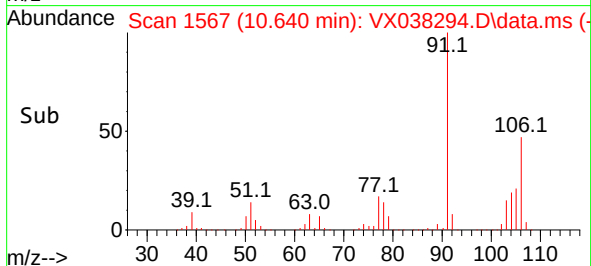
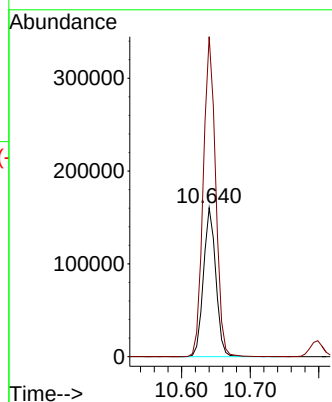
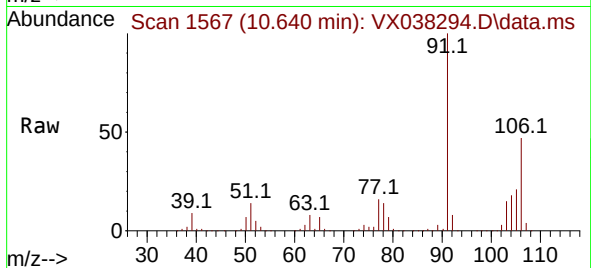
#69
o-Xylene
Concen: 51.948 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 201889
Ion Ratio Lower Upper
106 100
91 215.6 108.9 326.8

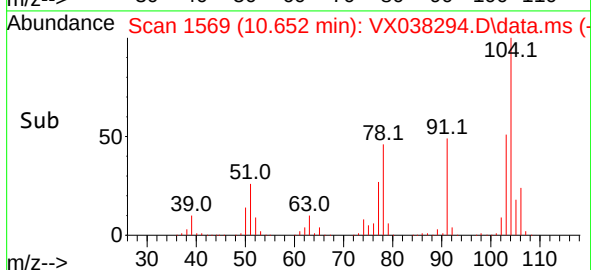
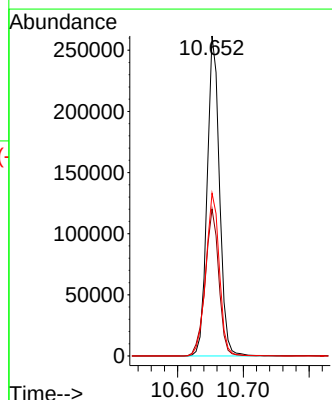
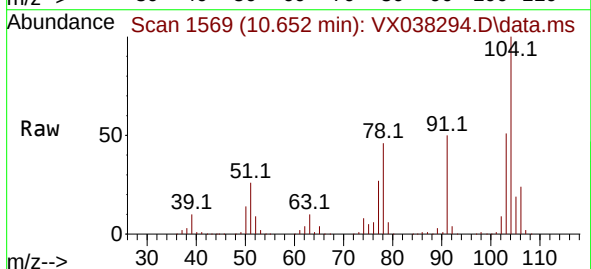
Manual Integrations
APPROVED

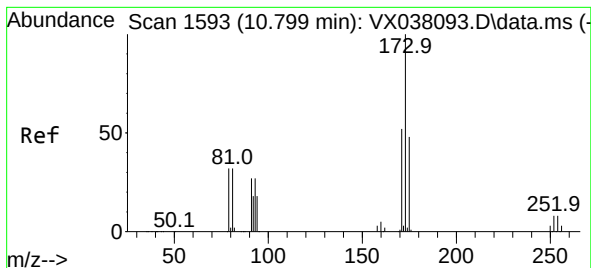
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#70
Styrene
Concen: 54.121 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

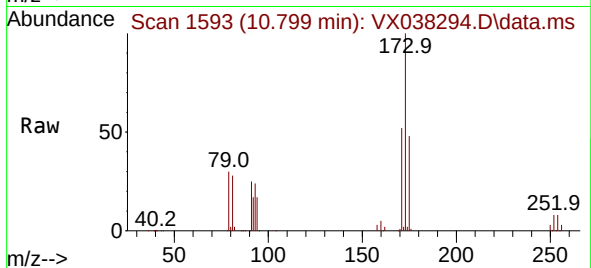
Tgt Ion:104 Resp: 342531
Ion Ratio Lower Upper
104 100
78 50.6 43.6 65.4
103 55.8 43.6 65.4





#71
Bromoform
Concen: 50.711 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

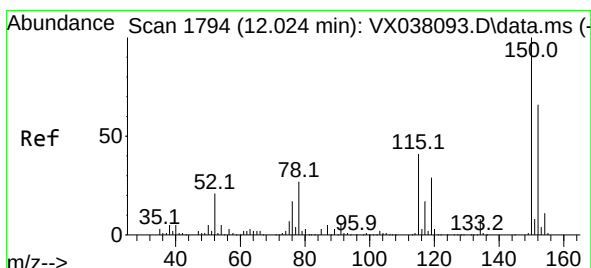
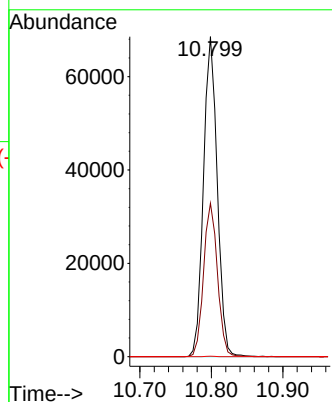
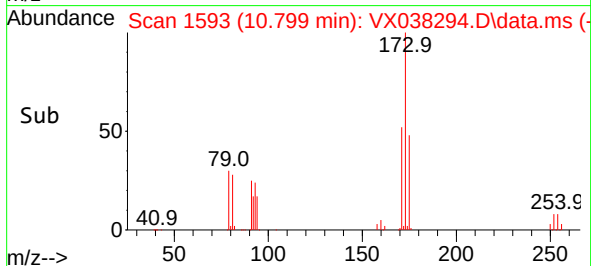
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 9185
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.1 0.0 0.0

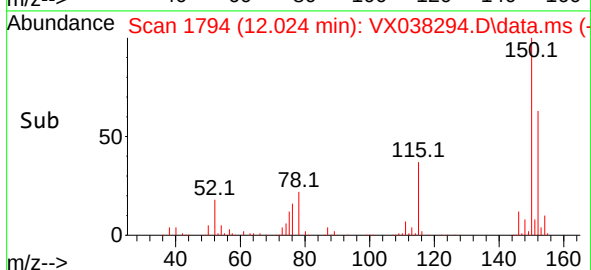
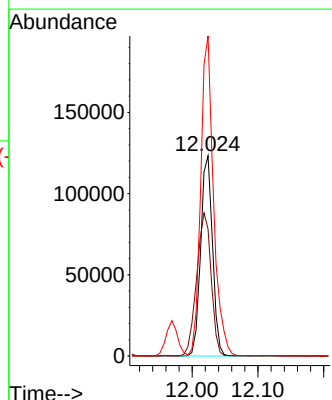
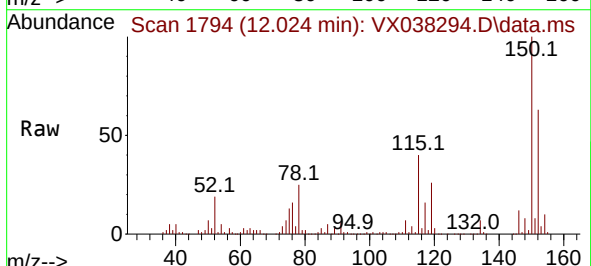
Manual Integrations
APPROVED

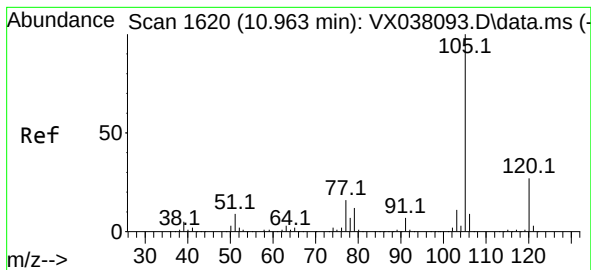
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Tgt Ion:152 Resp: 154041
Ion Ratio Lower Upper
152 100
115 87.3 43.3 129.9
150 173.1 0.0 345.0





#73

Isopropylbenzene

Concen: 52.670 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 54410

Ion Ratio Lower Upper

105 100

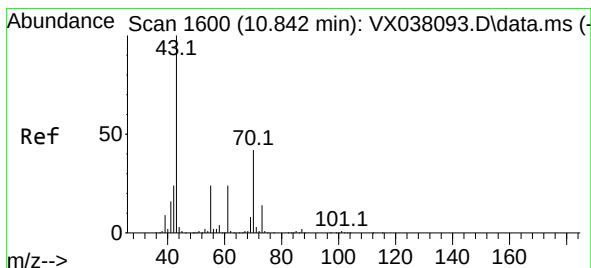
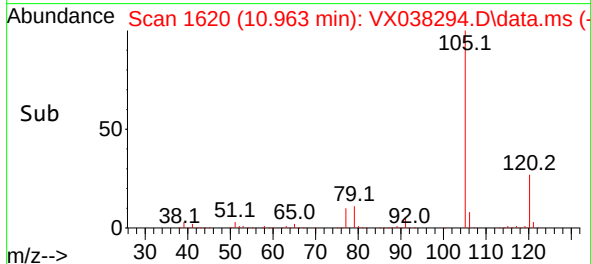
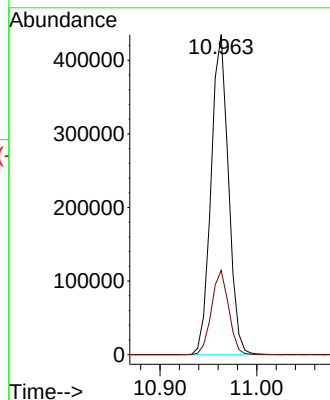
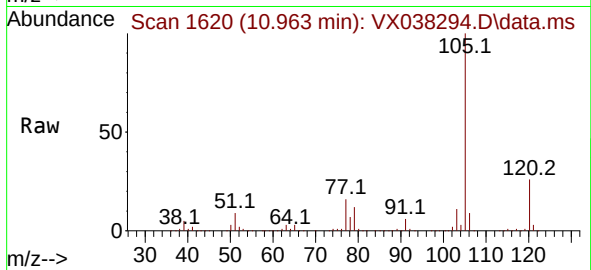
120 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#74

N-ethyl acetate

Concen: 50.917 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Tgt Ion: 43 Resp: 224620

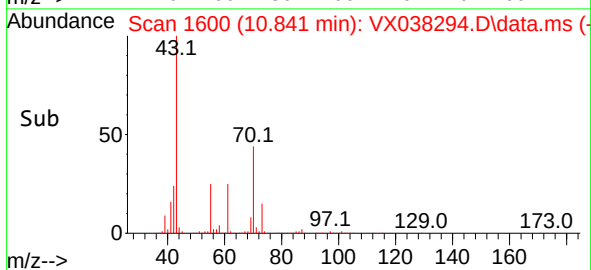
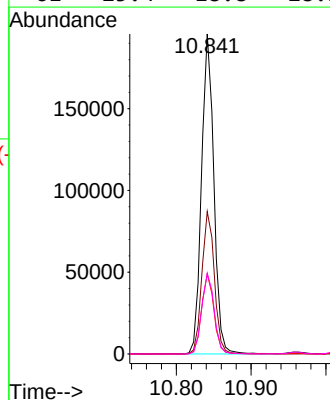
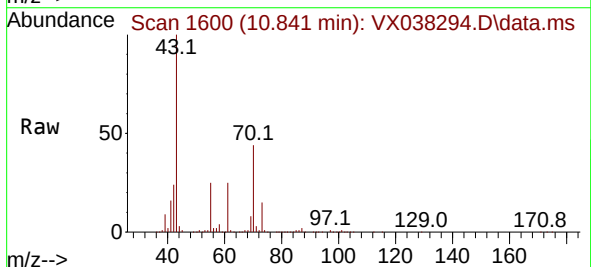
Ion Ratio Lower Upper

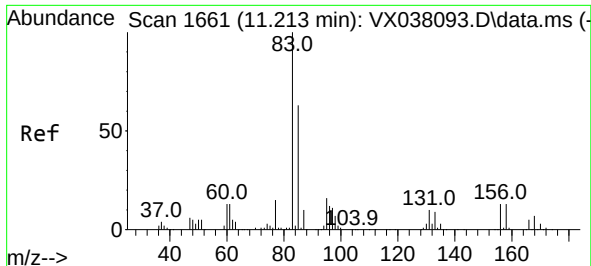
43 100

70 45.1 32.9 49.3

55 25.0 19.3 28.9

61 25.4 18.8 28.2





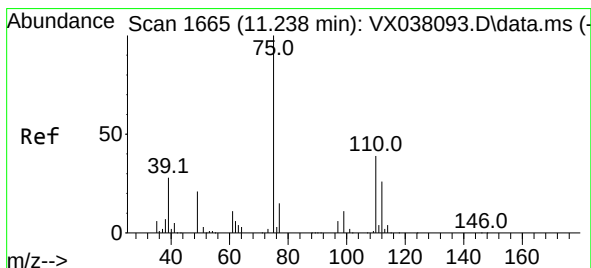
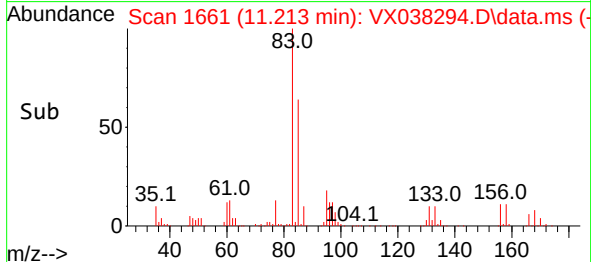
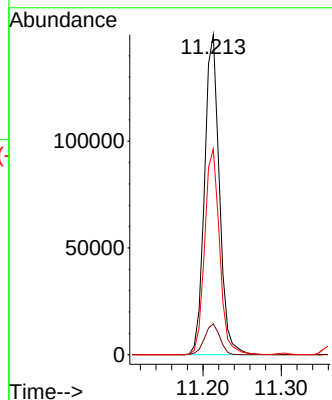
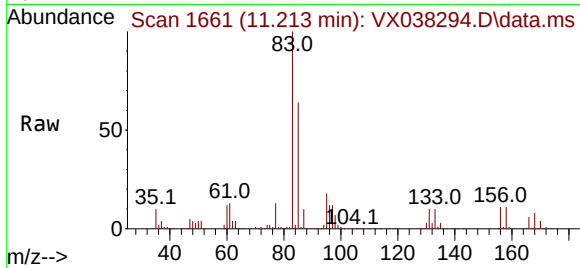
#75
1,1,2,2-Tetrachloroethane
Concen: 51.863 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 196599
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.8 32.0 96.2

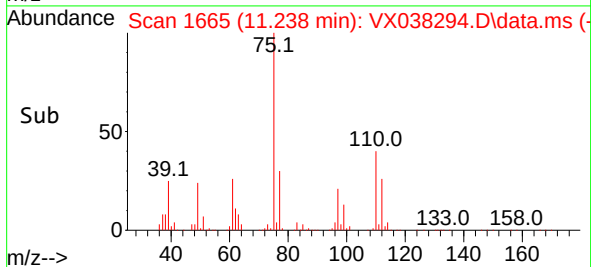
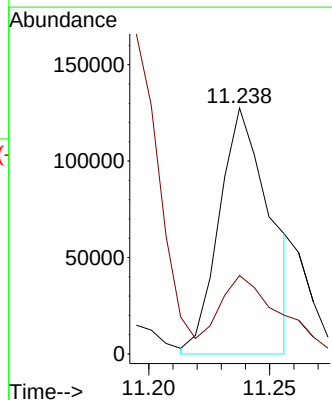
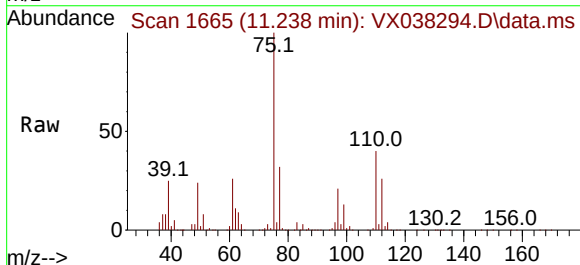
Manual Integrations
APPROVED

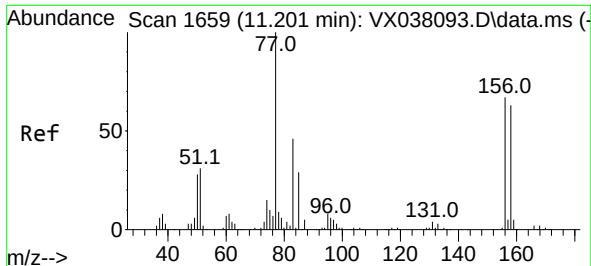
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#76
1,2,3-Trichloropropane
Concen: 52.811 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

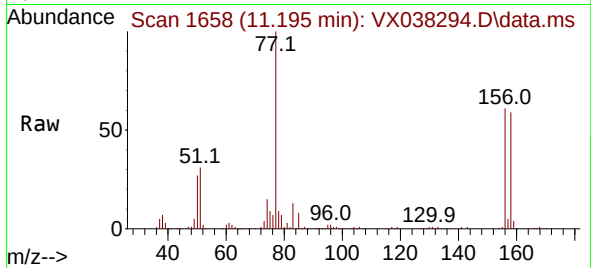
Tgt Ion: 75 Resp: 184942
Ion Ratio Lower Upper
75 100
77 38.3 19.1 57.5





#77
Bromobenzene
Concen: 52.447 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

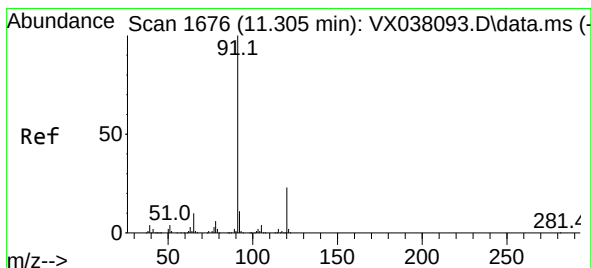
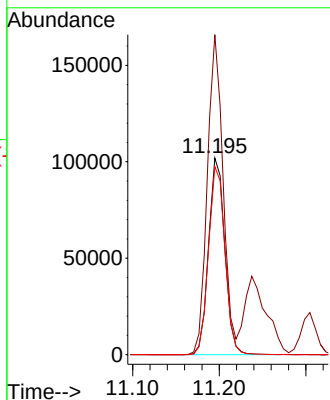
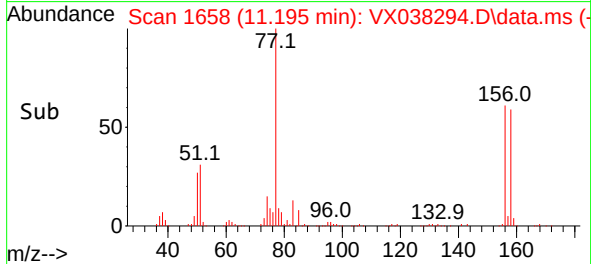
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 13227
Ion Ratio Lower Upper
156 100
77 157.7 88.4 265.3
158 97.3 48.0 144.0

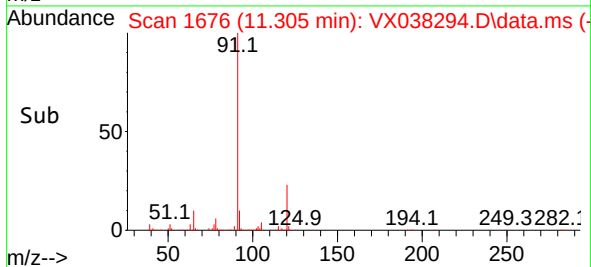
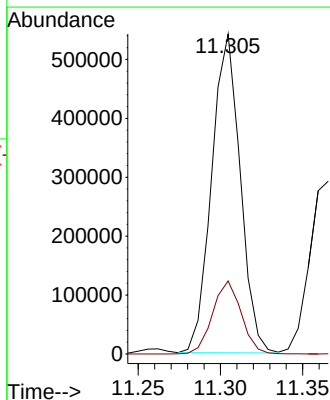
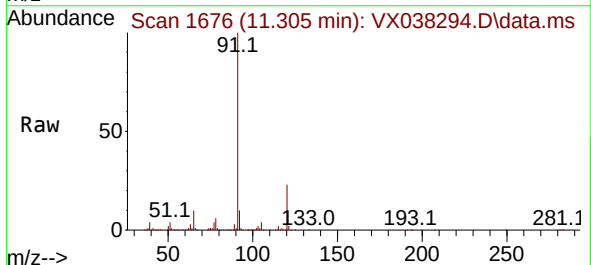
Manual Integrations
APPROVED

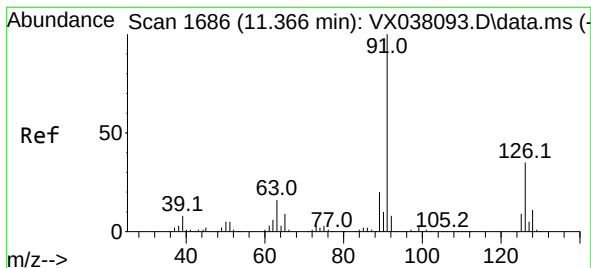
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#78
n-propylbenzene
Concen: 51.826 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Tgt Ion: 91 Resp: 654639
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





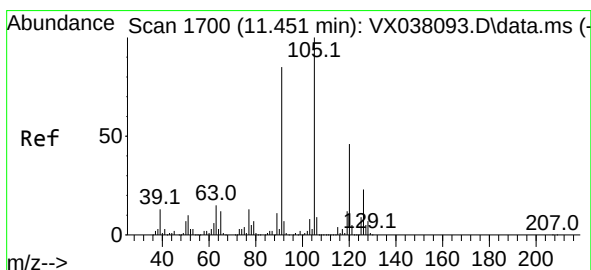
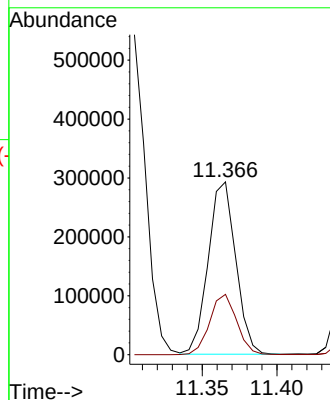
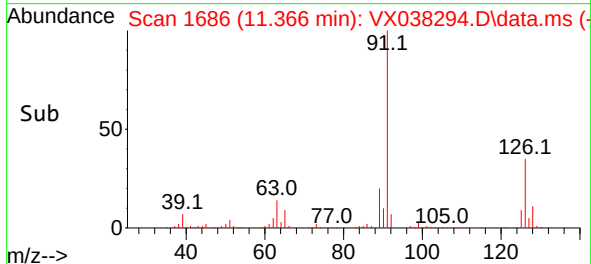
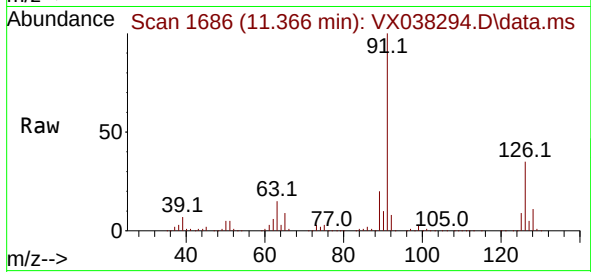
#79
2-Chlorotoluene
Concen: 50.018 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 374693
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

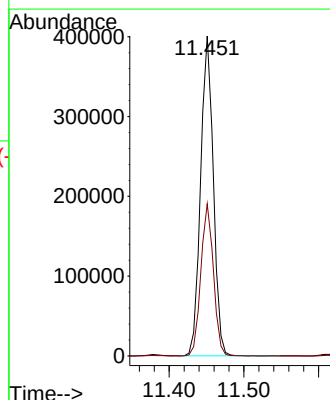
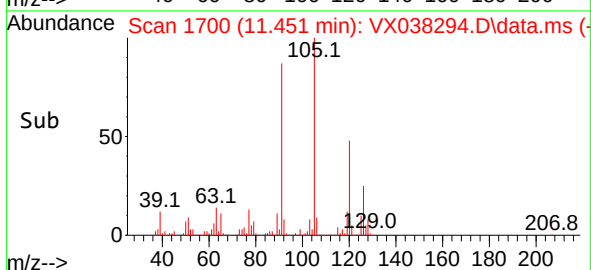
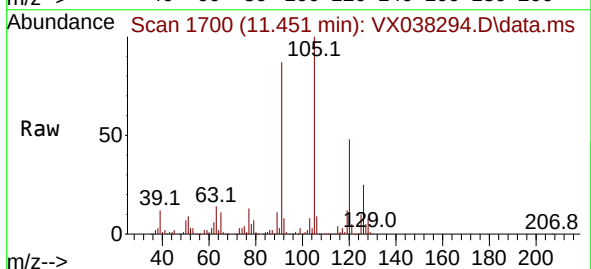
Manual Integrations
APPROVED

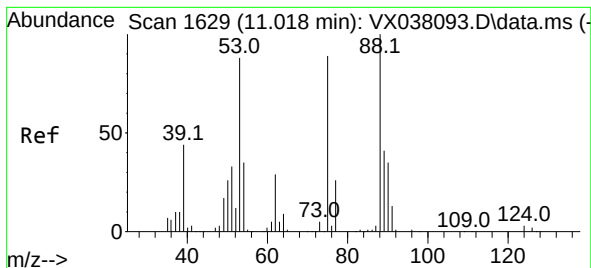
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.038 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Tgt Ion:105 Resp: 472704
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.3





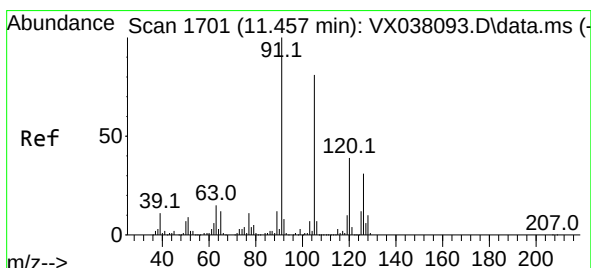
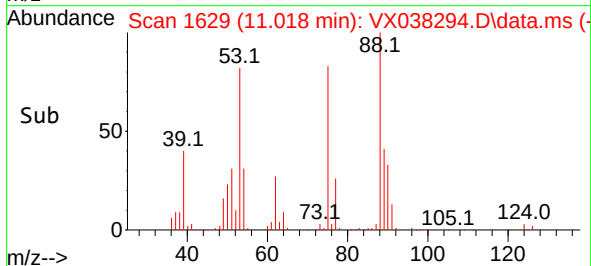
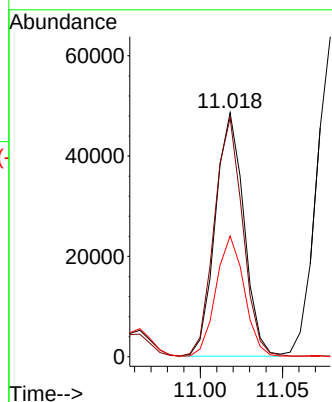
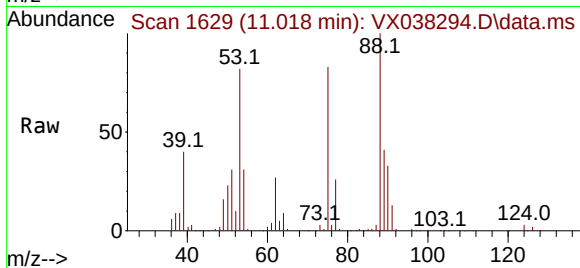
#81
trans-1,4-Dichloro-2-butene
Concen: 49.103 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5879
Ion Ratio Lower Upper
75 100
53 96.9 90.5 135.7
89 48.9 36.9 55.3

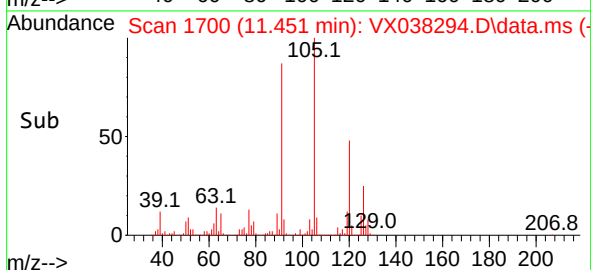
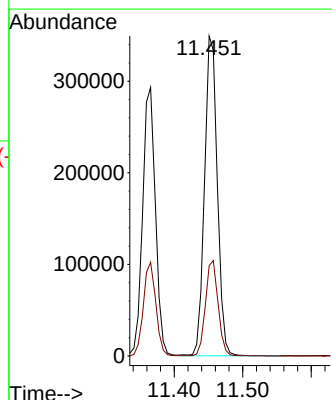
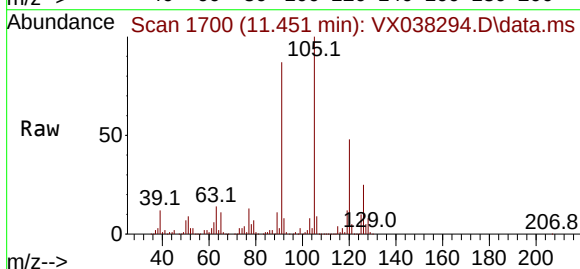
Manual Integrations
APPROVED

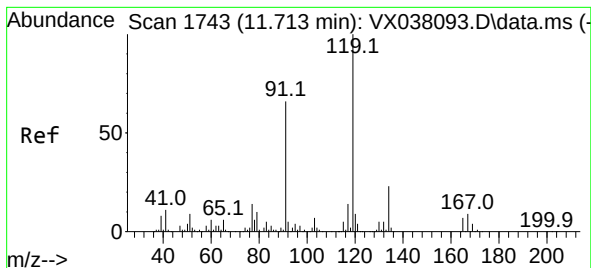
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#82
4-Chlorotoluene
Concen: 51.212 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

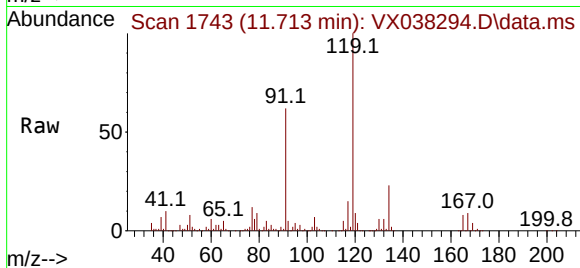
Tgt Ion: 91 Resp: 453969
Ion Ratio Lower Upper
91 100
126 29.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 53.177 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

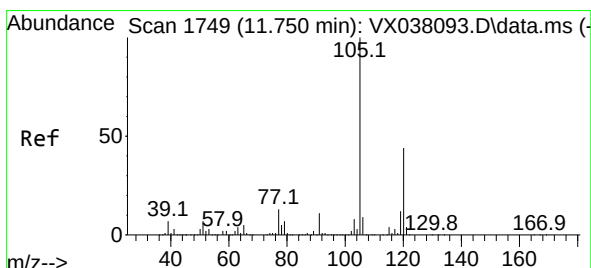
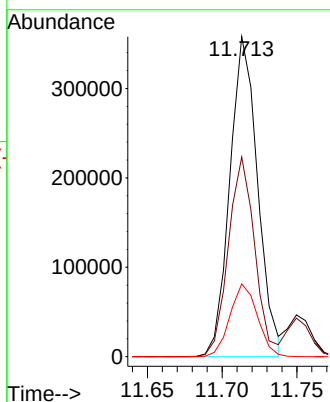
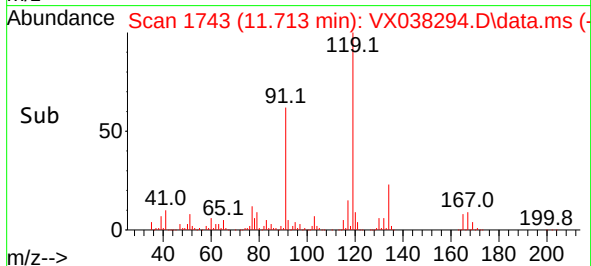
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



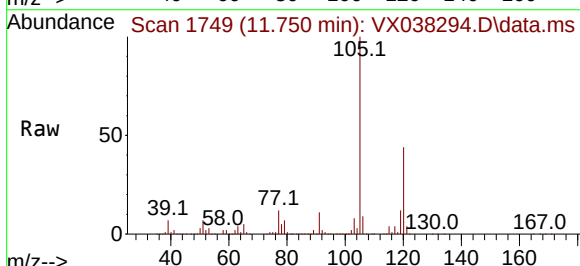
Tgt Ion:119 Resp: 463099
Ion Ratio Lower Upper
119 100
91 59.5 31.2 93.6
134 22.4 11.7 35.0

Manual Integrations
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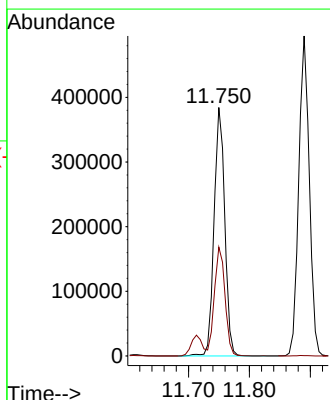
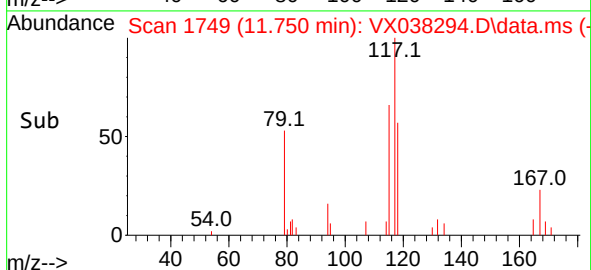
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

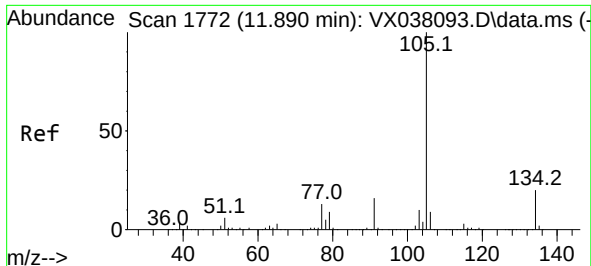


#84
1,2,4-Trimethylbenzene
Concen: 52.623 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08



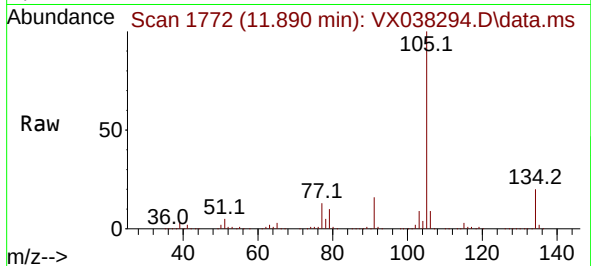
Tgt Ion:105 Resp: 467615
Ion Ratio Lower Upper
105 100
120 43.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.799 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038294.D
 Acq: 16 Oct 2023 11:08

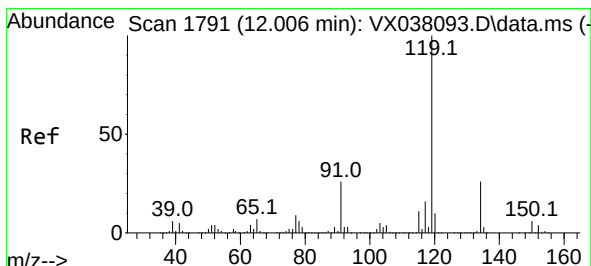
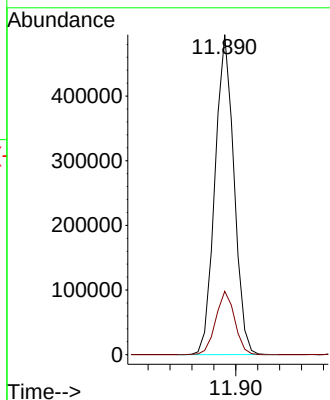
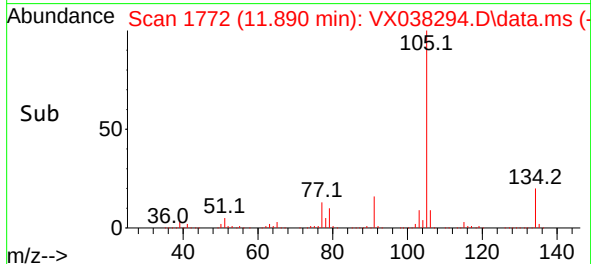
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 595628
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

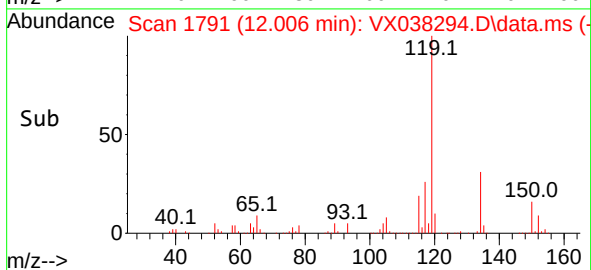
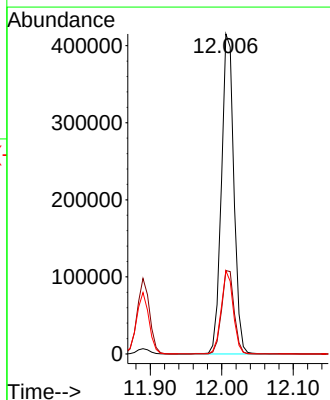
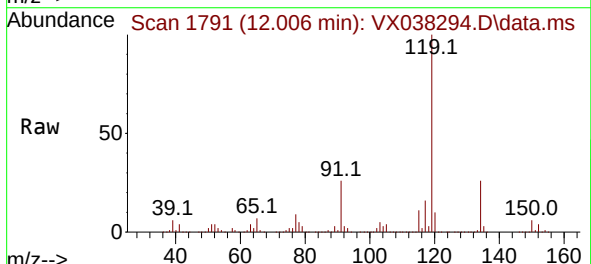
Manual Integrations
 APPROVED

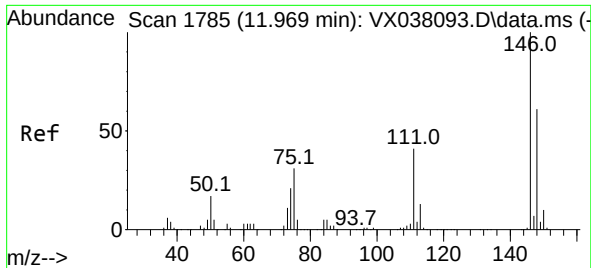
Reviewed By :John Carlone 10/17/2023
 Supervised By :Mahesh Dadoda 10/18/2023



#86
 p-Isopropyltoluene
 Concen: 54.010 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038294.D
 Acq: 16 Oct 2023 11:08

Tgt Ion:119 Resp: 502695
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.317 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 259960

Ion Ratio Lower Upper

146 100

111 41.6 22.1 66.1

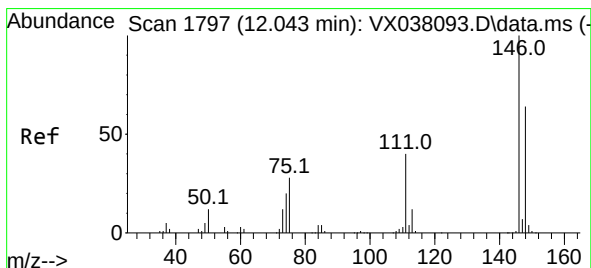
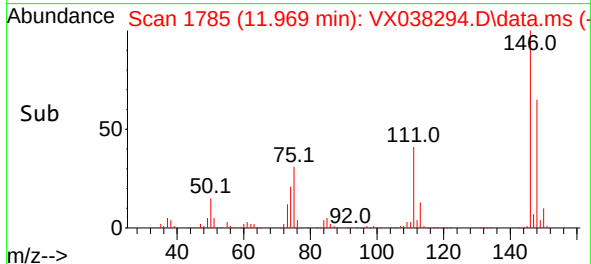
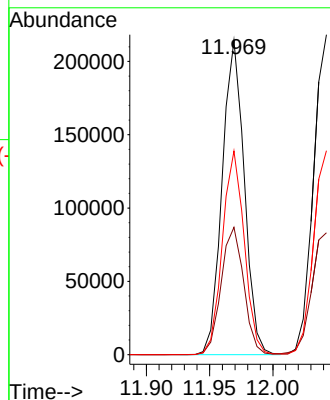
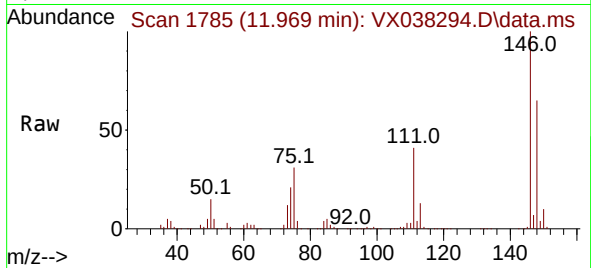
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#88

1,4-Dichlorobenzene

Concen: 50.784 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

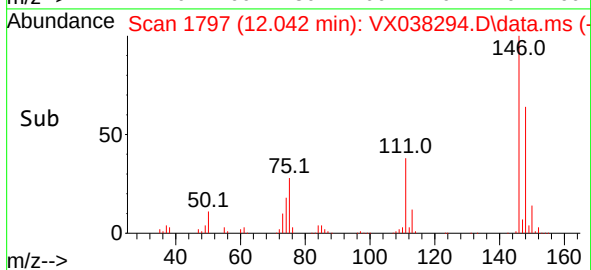
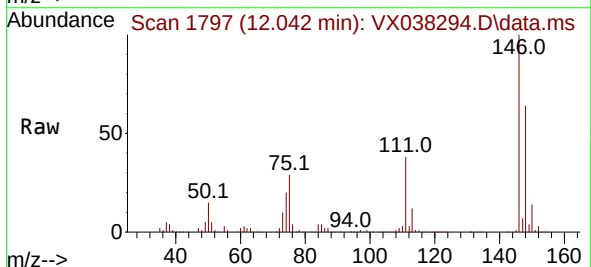
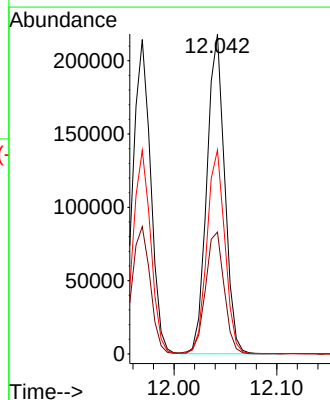
Tgt Ion:146 Resp: 262642

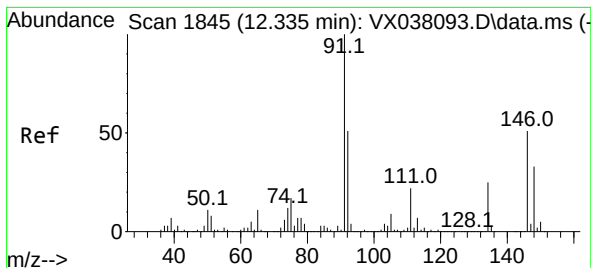
Ion Ratio Lower Upper

146 100

111 40.2 21.3 63.7

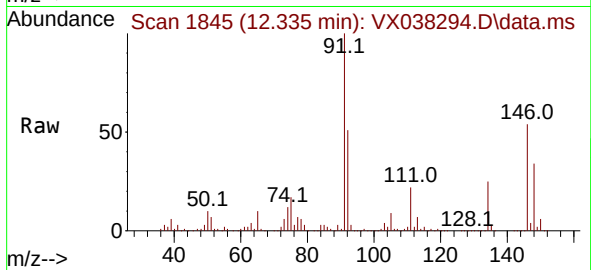
148 64.6 31.8 95.4





#89
n-Butylbenzene
Concen: 52.527 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

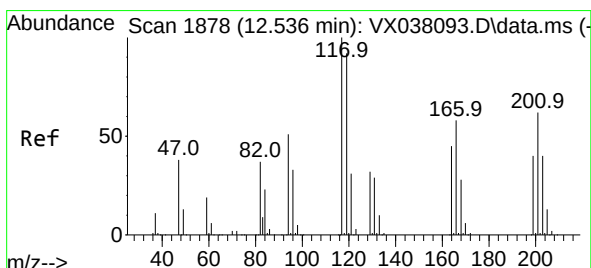
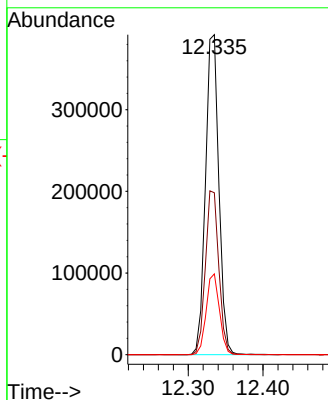
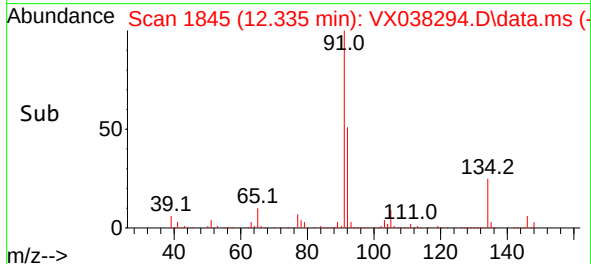
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 486892
Ion Ratio Lower Upper
91 100
92 51.4 27.4 82.0
134 25.0 12.6 37.8

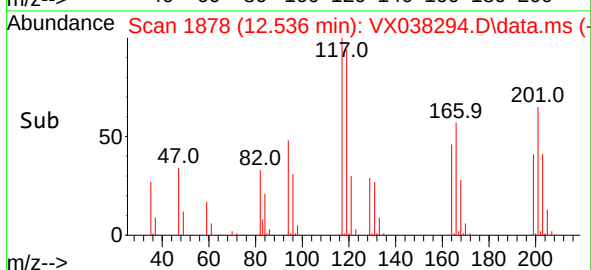
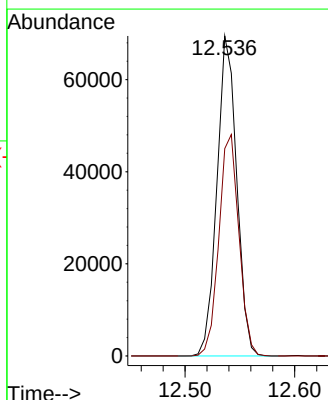
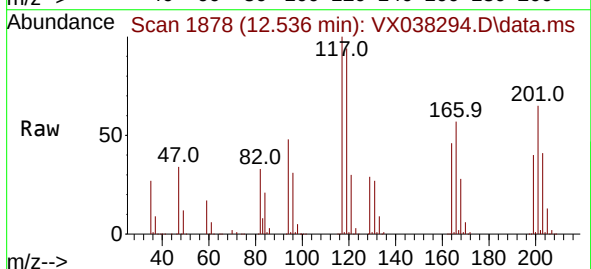
Manual Integrations
APPROVED

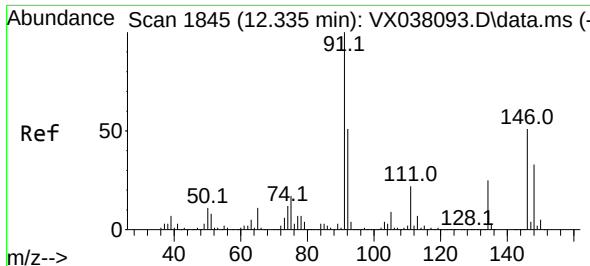
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#90
Hexachloroethane
Concen: 56.449 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

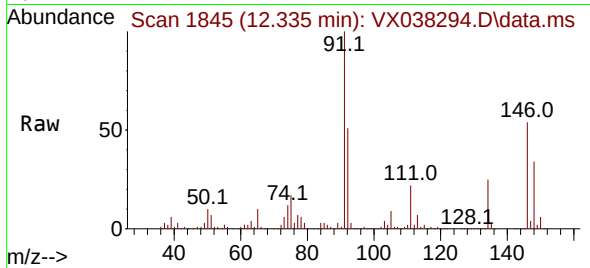
Tgt Ion:117 Resp: 87111
Ion Ratio Lower Upper
117 100
201 70.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.911 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08

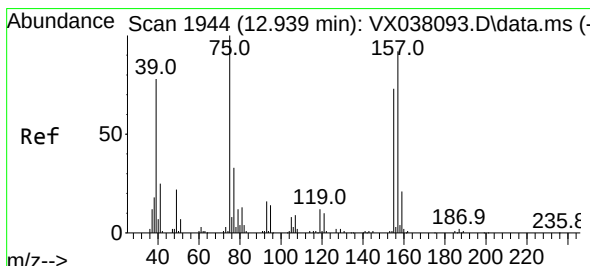
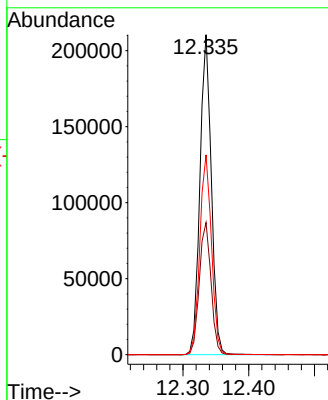
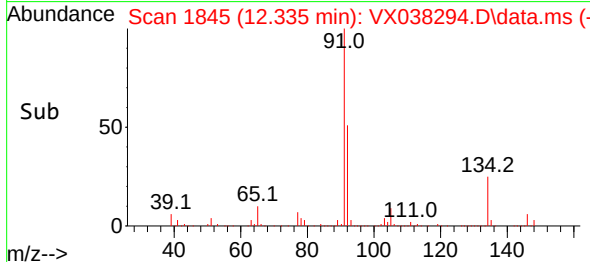
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



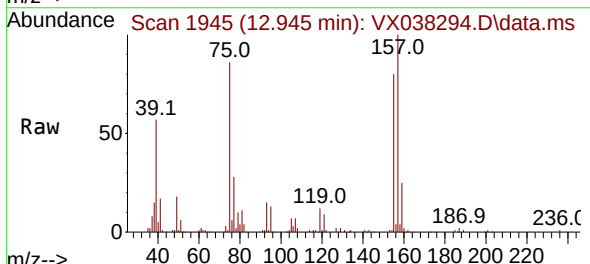
Tgt Ion:146 Resp: 252775
Ion Ratio Lower Upper
146 100
111 42.5 22.4 67.0
148 64.2 31.6 95.0

Manual Integrations
APPROVED

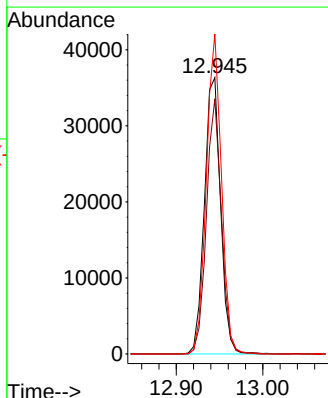
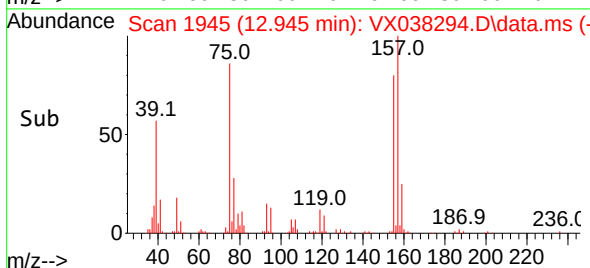
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

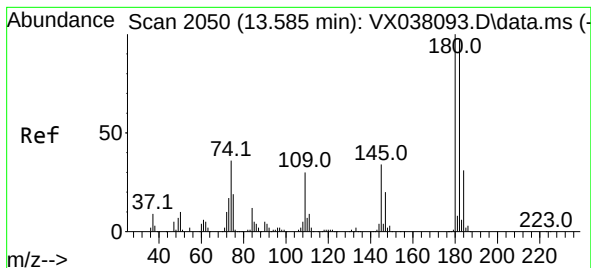


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.520 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038294.D
Acq: 16 Oct 2023 11:08



Tgt Ion: 75 Resp: 47219
Ion Ratio Lower Upper
75 100
155 85.4 36.1 108.5
157 108.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.578 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

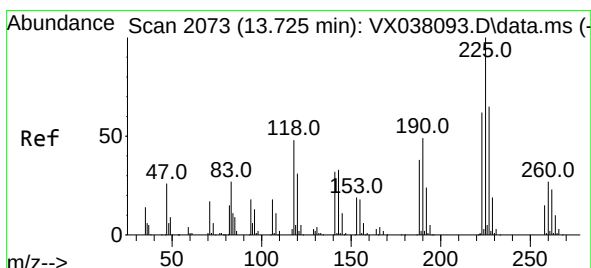
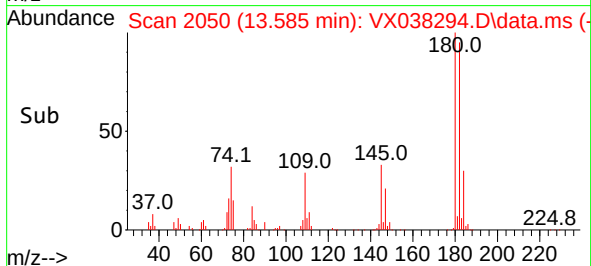
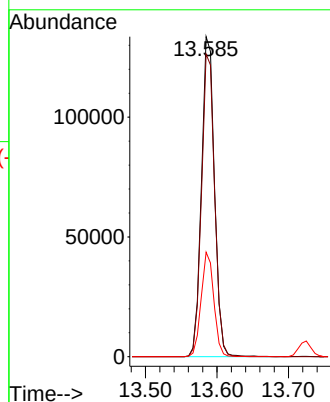
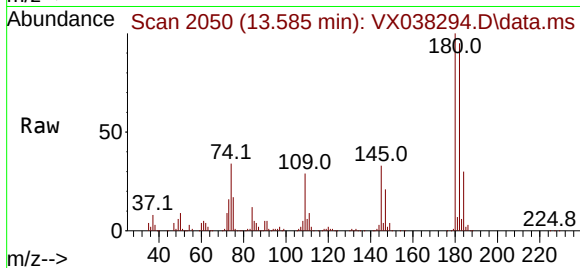
Tgt Ion:180	Resp: 16845
Ion Ratio	Lower Upper
180 100	
182 95.5	48.3 144.8
145 31.9	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#94

Hexachlorobutadiene

Concen: 55.362 ug/l

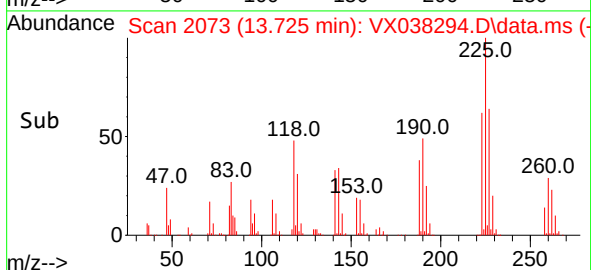
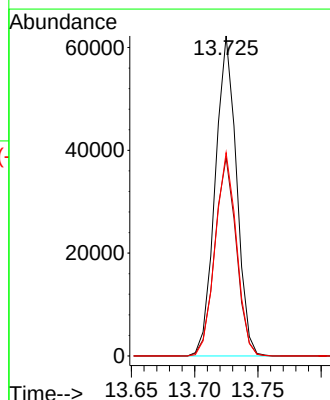
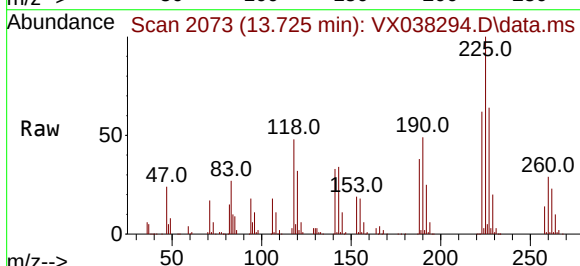
RT: 13.725 min Scan# 2073

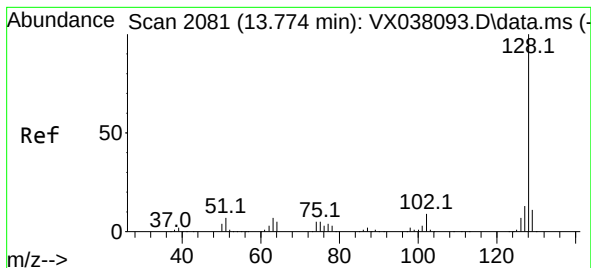
Delta R.T. -0.000 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Tgt Ion:225	Resp: 72773
Ion Ratio	Lower Upper
225 100	
223 62.5	31.1 93.2
227 63.4	32.5 97.5





#95

Naphthalene

Concen: 50.382 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

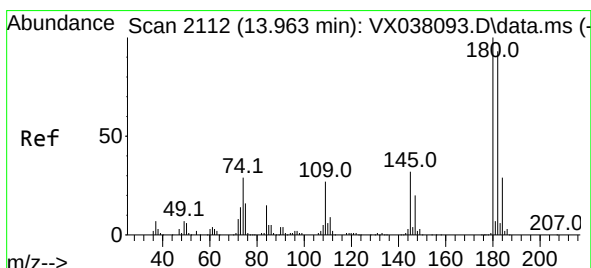
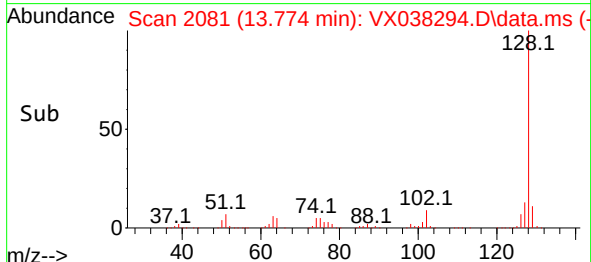
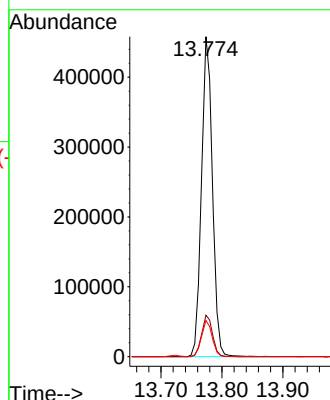
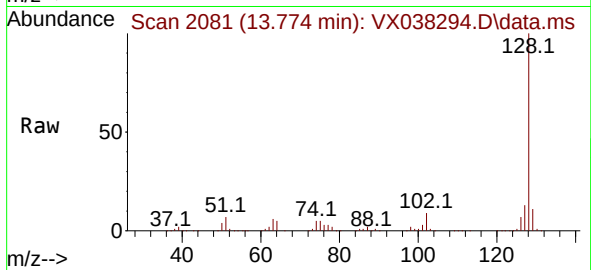
Tgt Ion:128 Resp: 57302
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 52.010 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038294.D

Acq: 16 Oct 2023 11:08

Tgt Ion:180 Resp: 164472
 Ion Ratio Lower Upper
 180 100
 182 95.4 46.9 140.6
 145 33.8 17.8 53.5

