

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039178.D
 Acq On : 12 Dec 2023 20:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

Quant Time: Dec 13 04:21:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	114496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100796	54.634	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.260%			
35) Dibromofluoromethane	5.385	113	72927	47.496	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.000%			
50) Toluene-d8	8.647	98	260388	44.324	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 88.640%#			
62) 4-Bromofluorobenzene	11.079	95	110376	46.935	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84490	63.243	ug/l	99
3) Chloromethane	1.294	50	93688	53.729	ug/l	99
4) Vinyl Chloride	1.374	62	87377	52.021	ug/l	100
5) Bromomethane	1.605	94	57741	83.144	ug/l	99
6) Chloroethane	1.685	64	50869	53.069	ug/l	99
7) Trichlorofluoromethane	1.886	101	131615	61.750	ug/l	100
8) Diethyl Ether	2.130	74	46126	49.687	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	79625	56.332	ug/l	96
10) Methyl Iodide	2.453	142	85597	49.754	ug/l	94
11) Tert butyl alcohol	2.953	59	133742	260.639	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	78743	55.179	ug/l	99
13) Acrolein	2.233	56	107183	394.811	ug/l	100
14) Allyl chloride	2.666	41	159239	55.733	ug/l	98
15) Acrylonitrile	3.062	53	293660	270.843	ug/l	99
16) Acetone	2.373	43	277684	282.737	ug/l	94
17) Carbon Disulfide	2.514	76	224417	50.768	ug/l	99
18) Methyl Acetate	2.697	43	273446	58.616	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	292231	58.222	ug/l	98
20) Methylene Chloride	2.788	84	93128	52.602	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	84820	53.868	ug/l	99
22) Diisopropyl ether	3.757	45	299617	57.162	ug/l	92
23) Vinyl Acetate	3.721	43	1107735	293.443	ug/l	99
24) 1,1-Dichloroethane	3.611	63	166372	56.760	ug/l	99
25) 2-Butanone	4.550	43	430788	270.485	ug/l	97
26) 2,2-Dichloropropane	4.477	77	135509	53.297	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	97785	53.277	ug/l	98
28) Bromochloromethane	4.897	49	68189	48.454	ug/l	95
29) Tetrahydrofuran	4.995	42	279226	276.121	ug/l	99
30) Chloroform	5.092	83	167722	58.600	ug/l	95
31) Cyclohexane	5.470	56	146674	55.683	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	147358	59.441	ug/l	98
36) 1,1-Dichloropropene	5.690	75	122478	55.655	ug/l	99
37) Ethyl Acetate	4.708	43	155374	54.192	ug/l	99
38) Carbon Tetrachloride	5.672	117	122654	60.305	ug/l	93
39) Methylcyclohexane	7.379	83	148597	51.767	ug/l	99
40) Benzene	6.037	78	355800	54.664	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	85542	57.526	ug/l	96
42) 1,2-Dichloroethane	6.086	62	144880	67.183	ug/l	100
43) Isopropyl Acetate	6.336	43	254517	55.546	ug/l	100
44) Trichloroethene	7.123	130	88039	55.569	ug/l	92
45) 1,2-Dichloropropane	7.427	63	97371	55.590	ug/l	98
46) Dibromomethane	7.580	93	68722	58.833	ug/l	93
47) Bromodichloromethane	7.818	83	132723	57.248	ug/l	95
48) Methyl methacrylate	7.690	41	153451	69.023	ug/l	95
49) 1,4-Dioxane	7.653	88	37008	860.448	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	825362	281.867	ug/l	99
52) Toluene	8.720	92	215617	53.383	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	146391	53.134	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	155976	54.808	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	90231	53.539	ug/l	94
56) Ethyl methacrylate	9.116	69	115678	40.567	ug/l	96
57) 1,3-Dichloropropane	9.305	76	155889	55.929	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	319696	240.670	ug/l	94
59) 2-Hexanone	9.427	43	661934	282.031	ug/l	98
60) Dibromochloromethane	9.519	129	94892	55.375	ug/l	100
61) 1,2-Dibromoethane	9.610	107	97096	54.904	ug/l	99
64) Tetrachloroethene	9.275	164	67526	55.148	ug/l	96
65) Chlorobenzene	10.079	112	225562	53.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	83925	54.982	ug/l	99
67) Ethyl Benzene	10.189	91	433856	55.650	ug/l	96
68) m/p-Xylenes	10.299	106	307669	104.327	ug/l	93
69) o-Xylene	10.640	106	150322	51.514	ug/l	92
70) Styrene	10.652	104	224041	45.461	ug/l	95
71) Bromoform	10.799	173	64071	50.352	ug/l #	100
73) Isopropylbenzene	10.963	105	407540	52.880	ug/l	100
74) N-amyl acetate	10.841	43	217123	53.295	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	153785	51.117	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	135311m	54.828	ug/l	
77) Bromobenzene	11.195	156	89827	51.872	ug/l	90
78) n-propylbenzene	11.305	91	497483	52.442	ug/l	97
79) 2-Chlorotoluene	11.360	91	298747	53.065	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	349330	53.908	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	48339	43.446	ug/l	97
82) 4-Chlorotoluene	11.451	91	351558	54.157	ug/l	97
83) tert-Butylbenzene	11.713	119	333084	52.191	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	356847	54.407	ug/l	99
85) sec-Butylbenzene	11.890	105	418632	50.148	ug/l	98
86) p-Isopropyltoluene	12.006	119	352246	52.564	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	172721	50.934	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	173905	50.106	ug/l	98
89) n-Butylbenzene	12.329	91	351752	52.026	ug/l	97
90) Hexachloroethane	12.536	117	66536	49.719	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	166421	51.742	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	42511	57.674	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	109684	50.890	ug/l	99
94) Hexachlorobutadiene	13.725	225	39730	52.053	ug/l	99
95) Naphthalene	13.774	128	404970	50.449	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	105914	51.838	ug/l	99

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QLast Update : Thu Nov 16 22:59:22 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

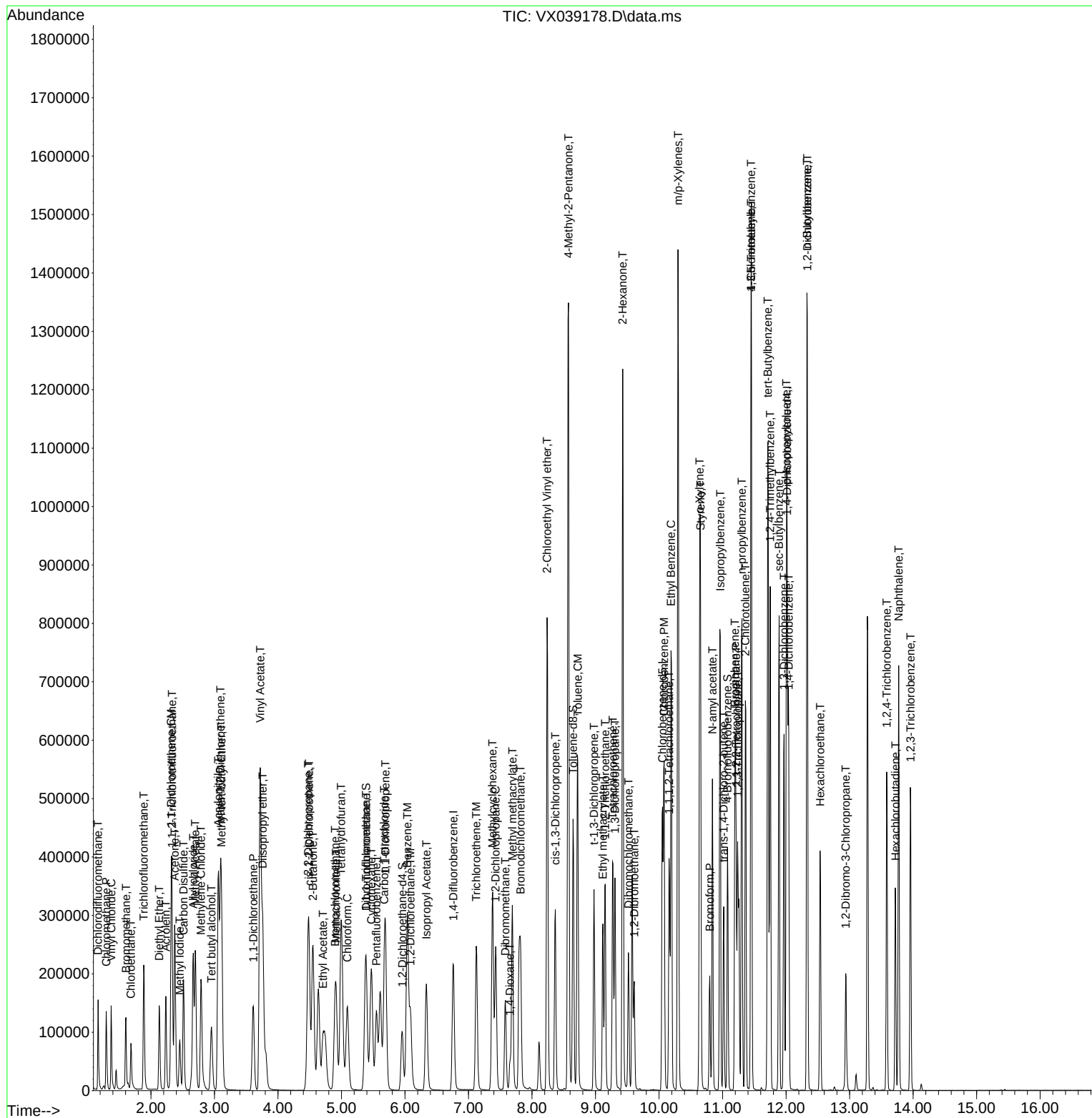
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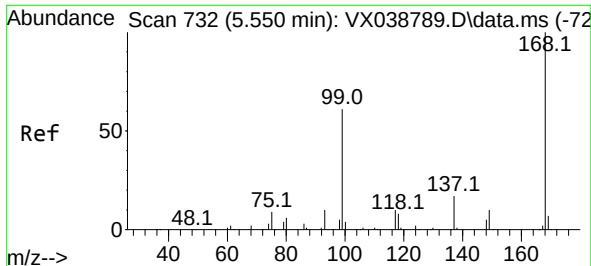
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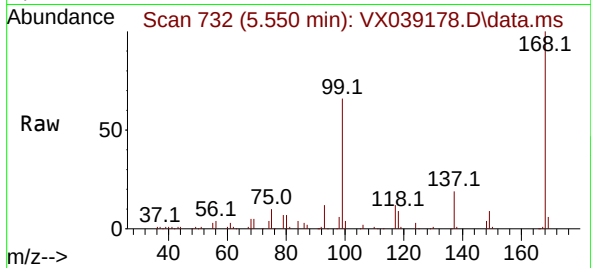
Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

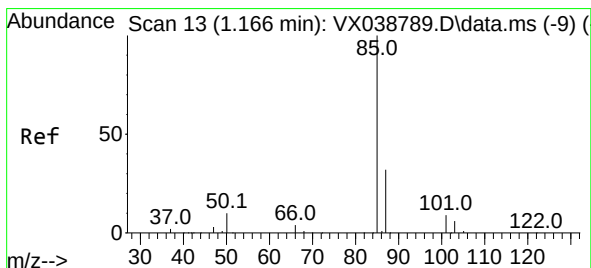
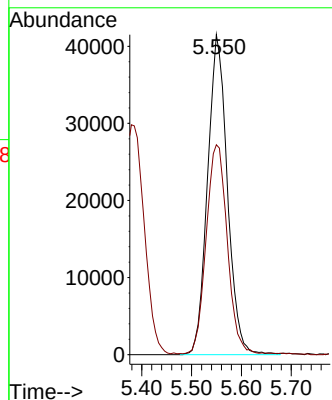
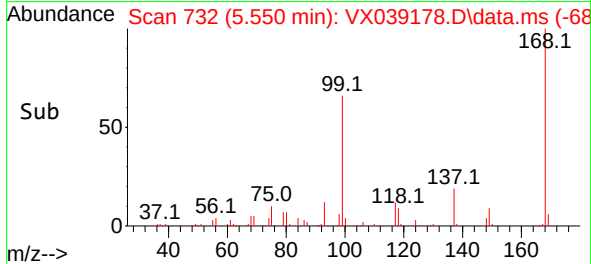
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 114490
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0

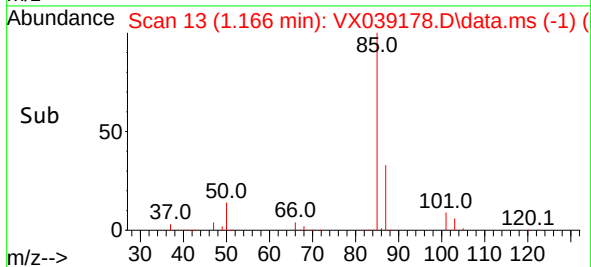
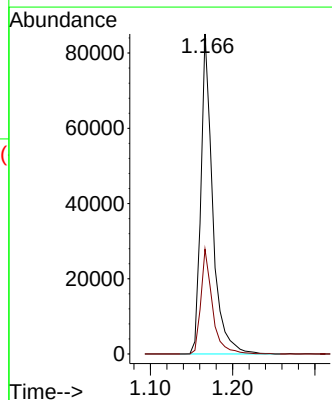
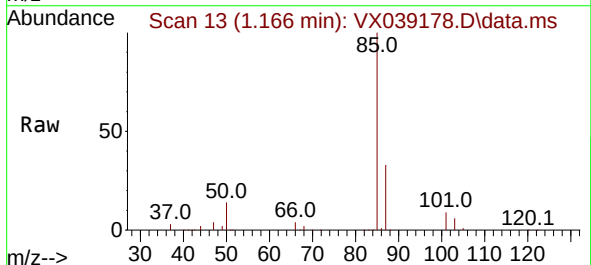
Manual Integrations
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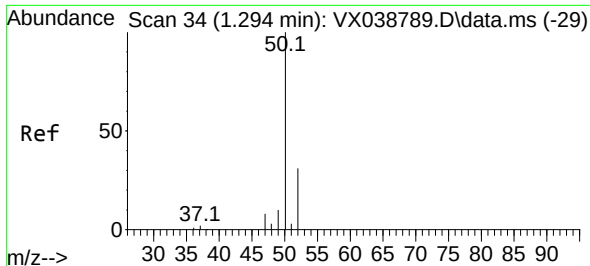
Reviewed By :John Carlone 12/13/2023
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#2
Dichlorodifluoromethane
Concen: 63.243 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

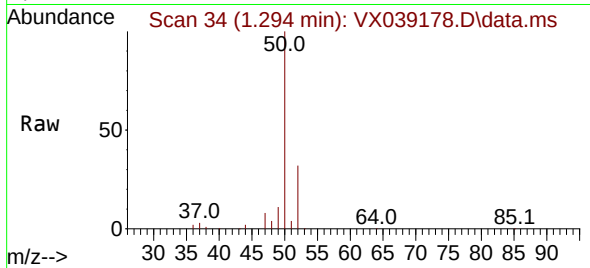
Tgt Ion: 85 Resp: 84490
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





#3
Chloromethane
Concen: 53.729 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

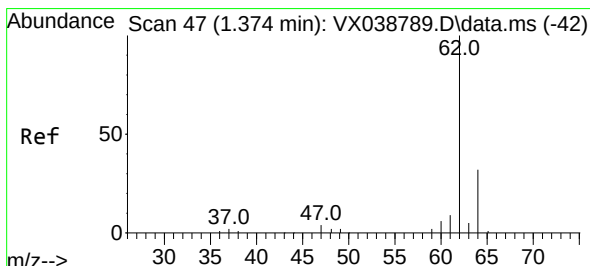
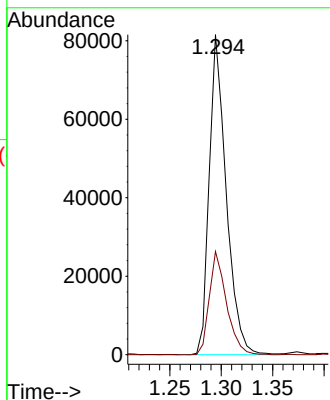
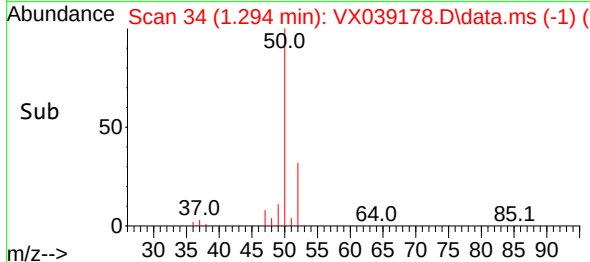
Instrument :
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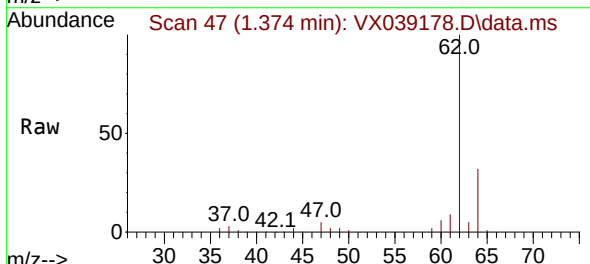
Tgt Ion: 50 Resp: 9368
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

Manual Integrations
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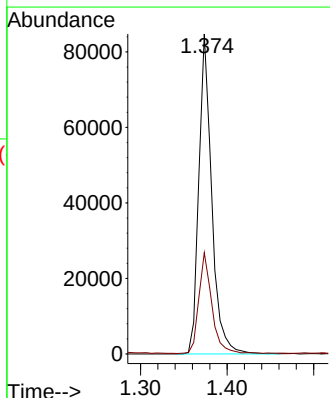
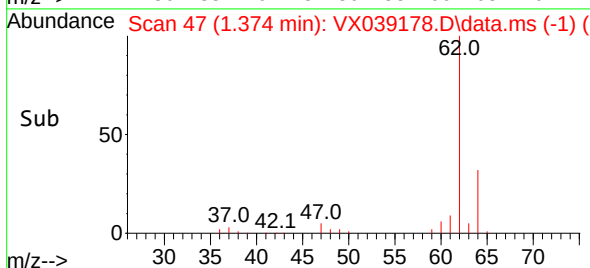
Reviewed By :John Carlone 12/13/2023
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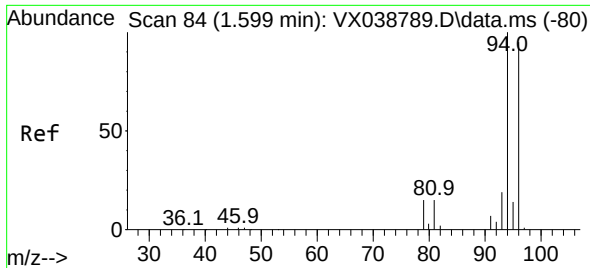


#4
Vinyl Chloride
Concen: 52.021 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00



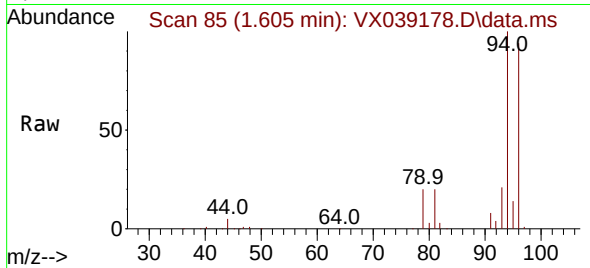
Tgt Ion: 62 Resp: 87377
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5
Bromomethane
Concen: 83.144 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

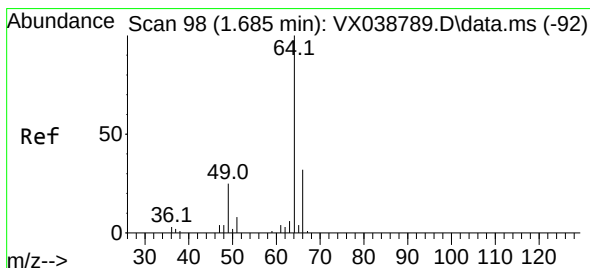
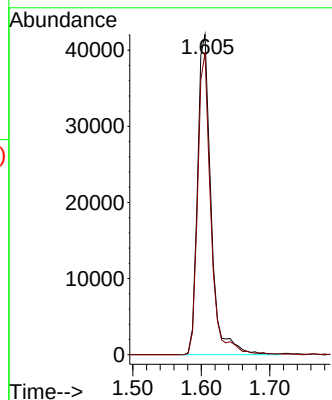
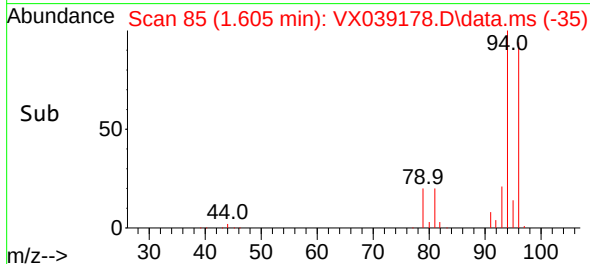
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Tgt Ion: 94 Resp: 5774
Ion Ratio Lower Upper
94 100
96 94.4 74.6 111.8

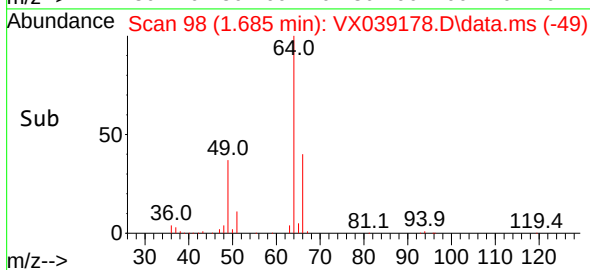
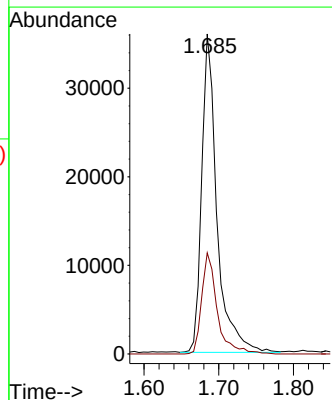
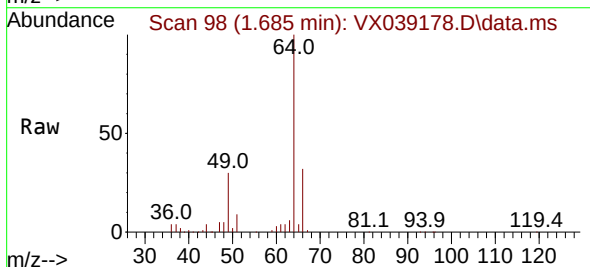
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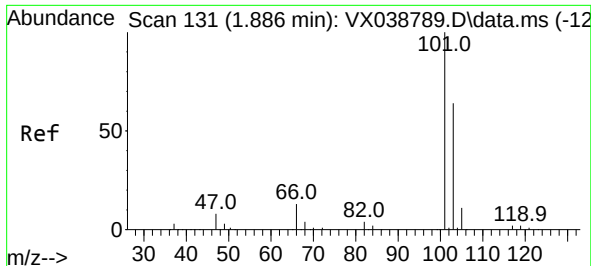
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#6
Chloroethane
Concen: 53.069 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

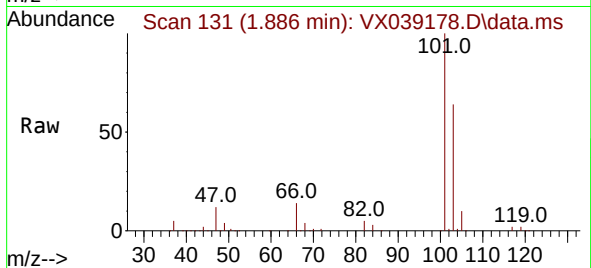
Tgt Ion: 64 Resp: 50869
Ion Ratio Lower Upper
64 100
66 31.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 61.750 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

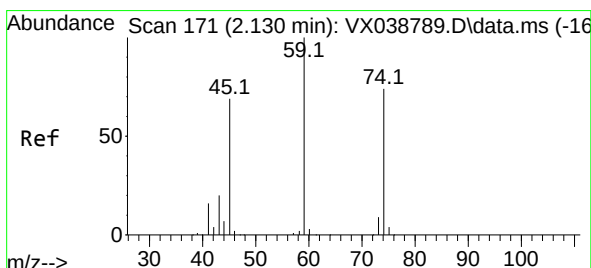
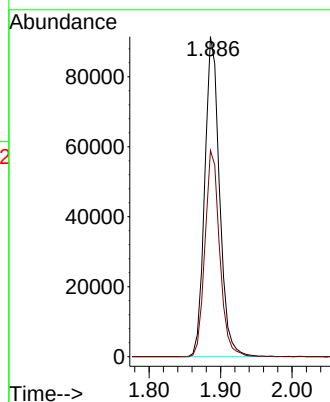
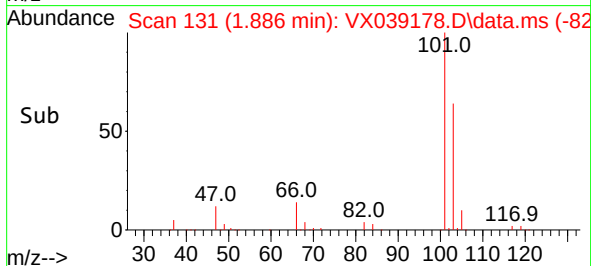
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 13161
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

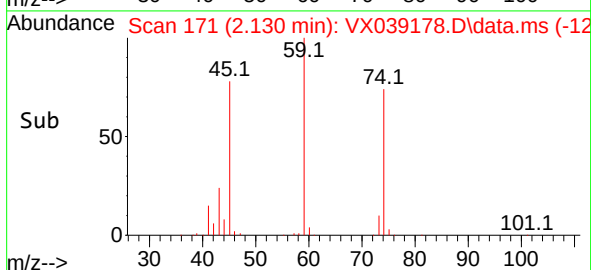
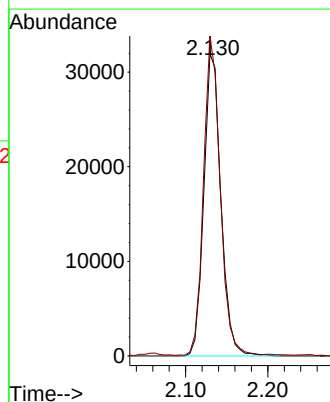
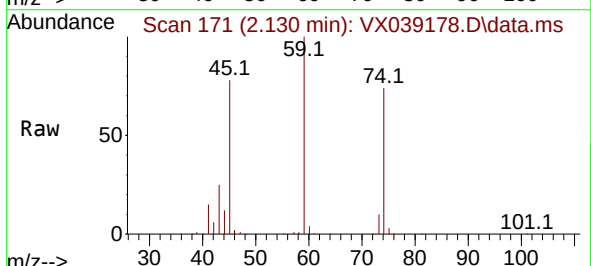
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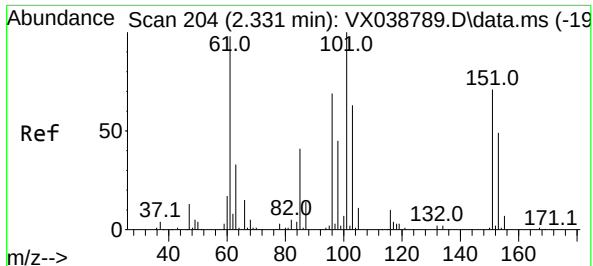
Reviewed By :John Carlone 12/13/2023
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#8
Diethyl Ether
Concen: 49.687 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

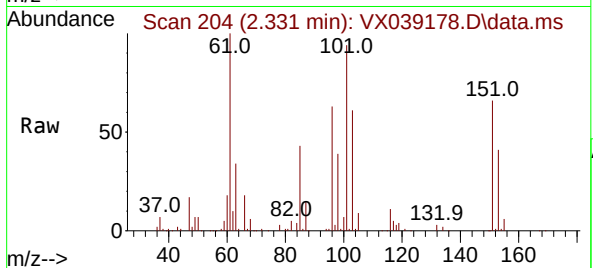
Tgt Ion: 74 Resp: 46126
Ion Ratio Lower Upper
74 100
45 102.9 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.332 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

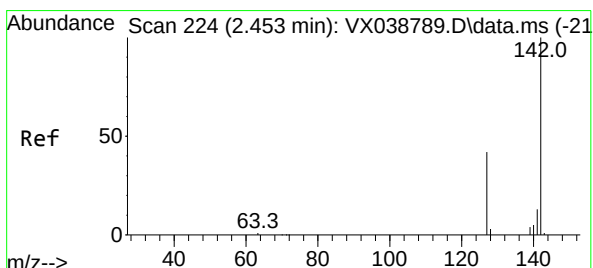
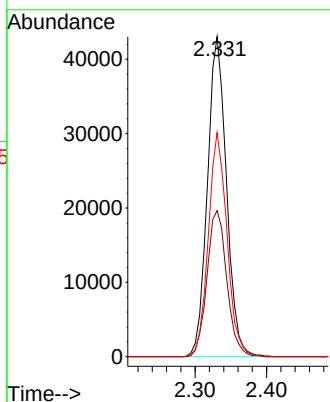
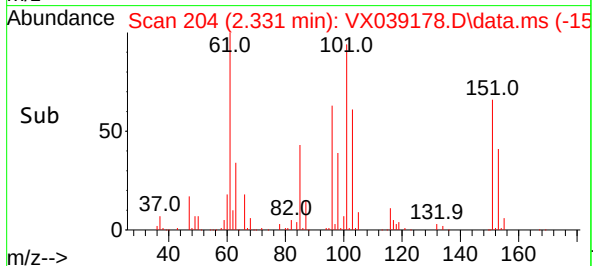
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 7962
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 68.6 58.6 87.8

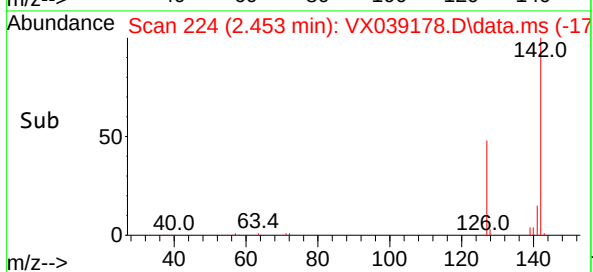
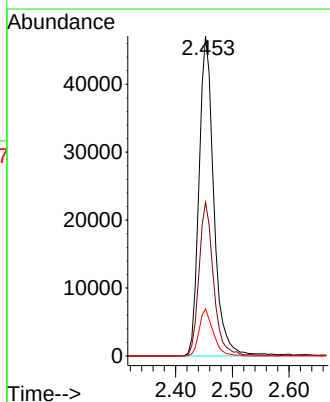
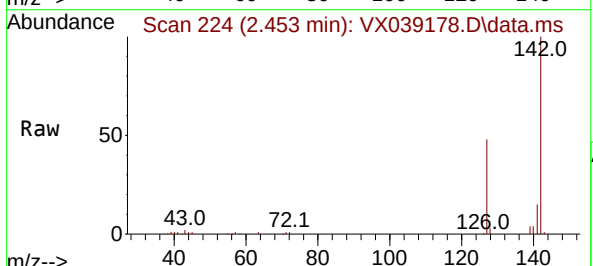
Manual Integrations
APPROVED

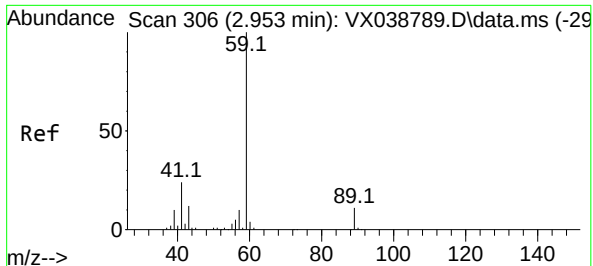
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#10
Methyl Iodide
Concen: 49.754 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Tgt Ion:142 Resp: 85597
Ion Ratio Lower Upper
142 100
127 46.9 41.6 62.4
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 260.639 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 13374

Ion Ratio Lower Upper

59 100

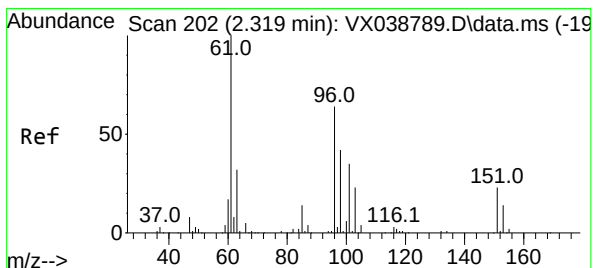
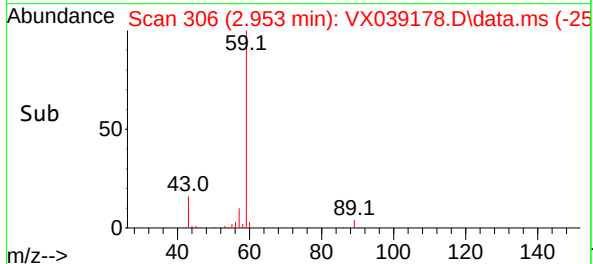
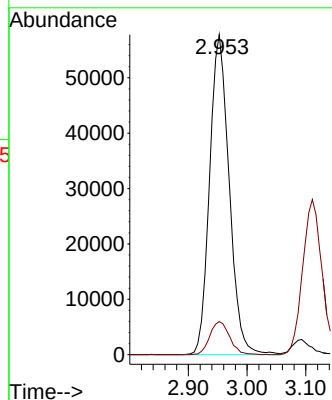
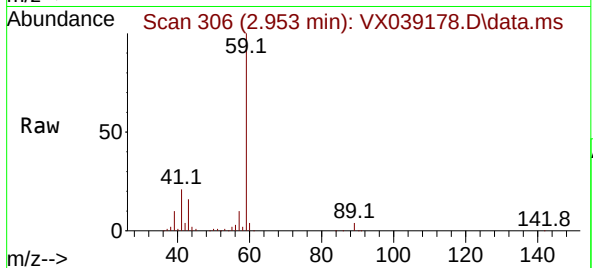
57 10.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#12

1,1-Dichloroethene

Concen: 55.179 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

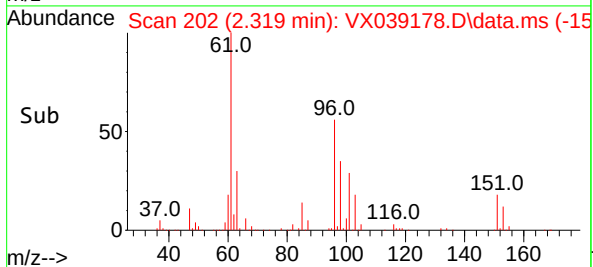
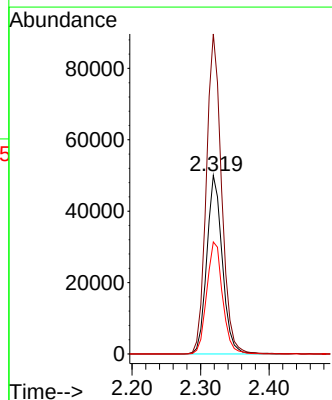
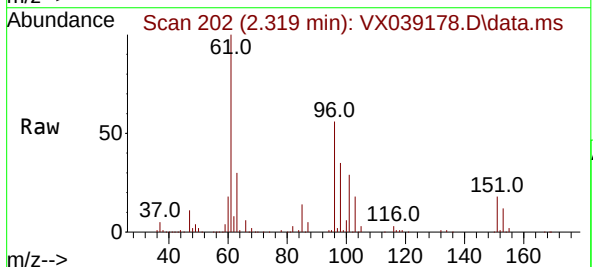
Tgt Ion: 96 Resp: 78743

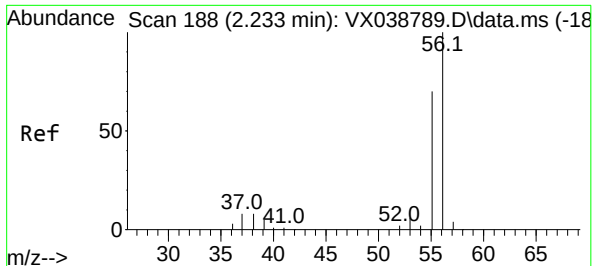
Ion Ratio Lower Upper

96 100

61 179.3 144.6 216.8

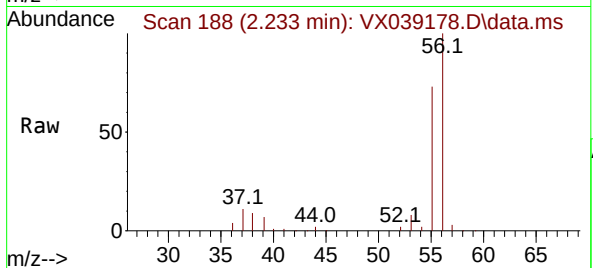
98 62.8 50.4 75.6





#13
Acrolein
Concen: 394.811 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

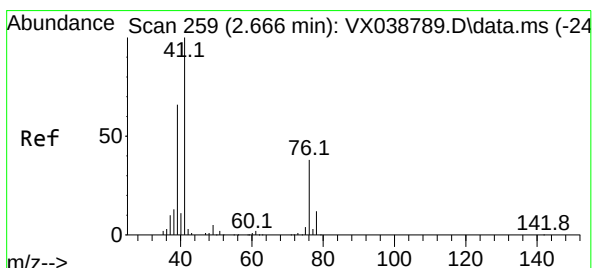
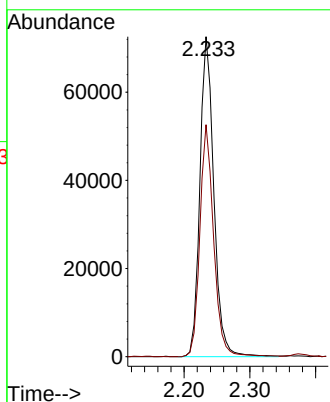
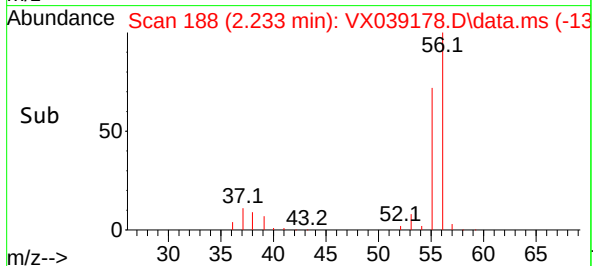
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 10718
Ion Ratio Lower Upper
56 100
55 71.6 57.1 85.7

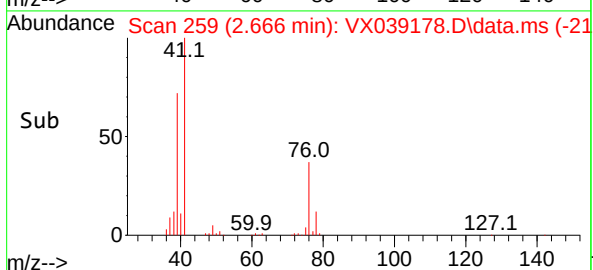
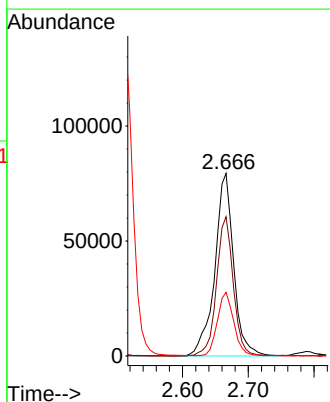
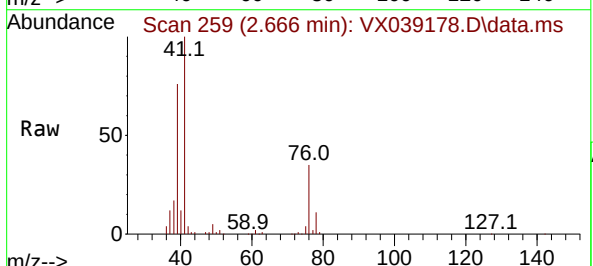
Manual Integrations
APPROVED

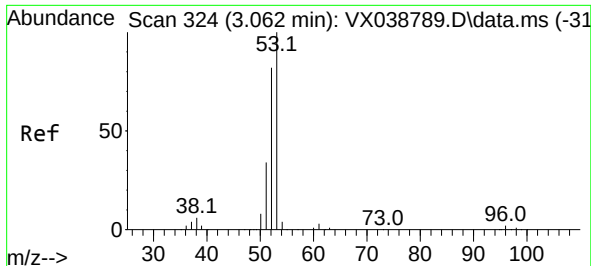
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#14
Allyl chloride
Concen: 55.733 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

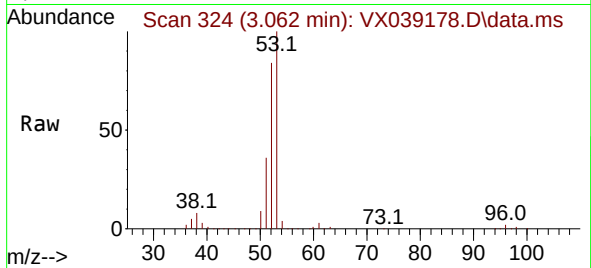
Tgt Ion: 41 Resp: 159239
Ion Ratio Lower Upper
41 100
39 67.7 55.8 83.6
76 30.5 24.3 36.5





#15
Acrylonitrile
Concen: 270.843 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

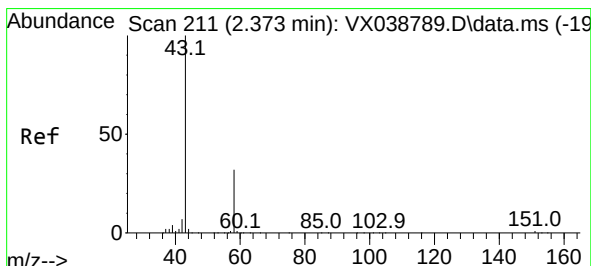
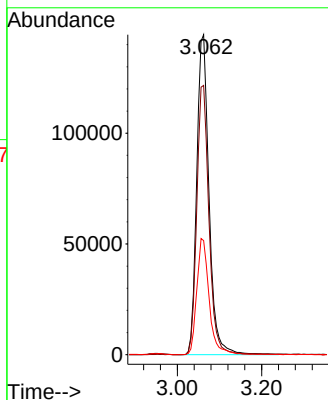
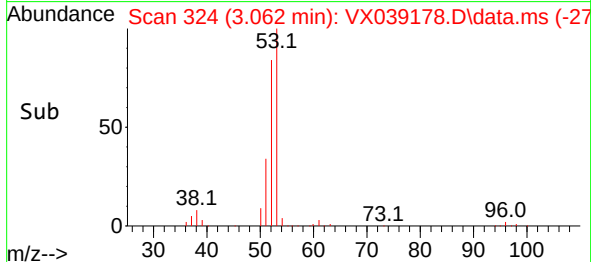
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



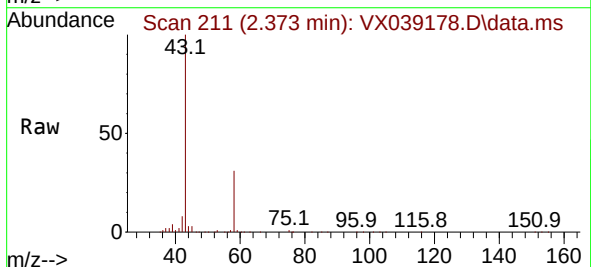
Tgt Ion: 53 Resp: 293660
Ion Ratio Lower Upper
53 100
52 83.6 66.0 99.0
51 36.5 29.8 44.6

Manual Integrations
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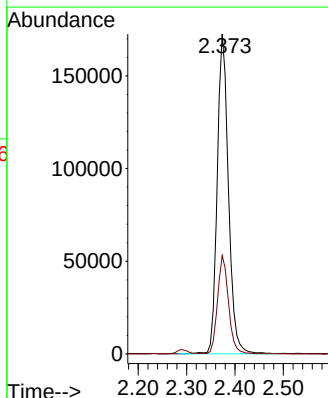
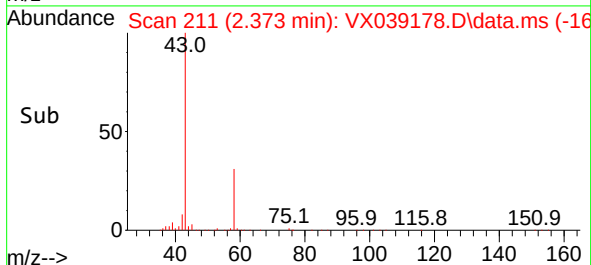
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

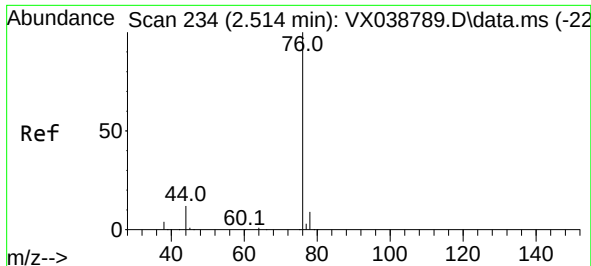


#16
Acetone
Concen: 282.737 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00



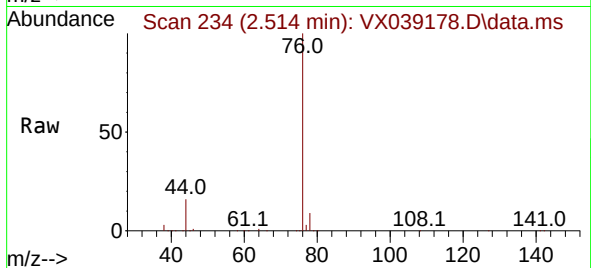
Tgt Ion: 43 Resp: 277684
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9





#17
Carbon Disulfide
Concen: 50.768 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

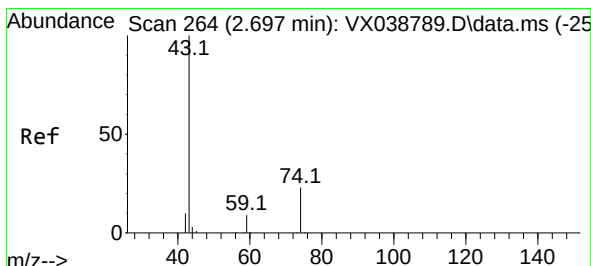
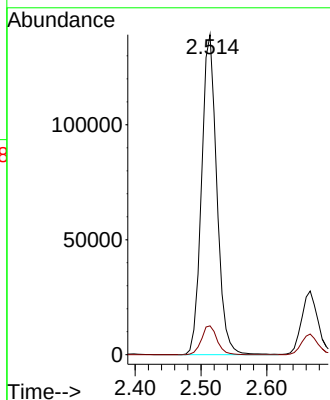
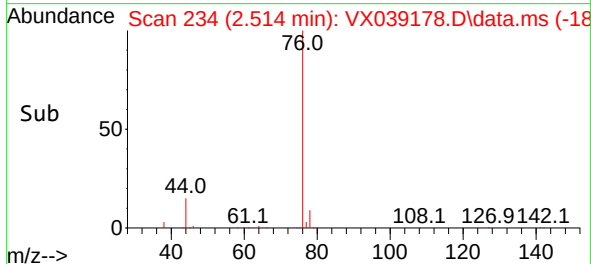
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 22441
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

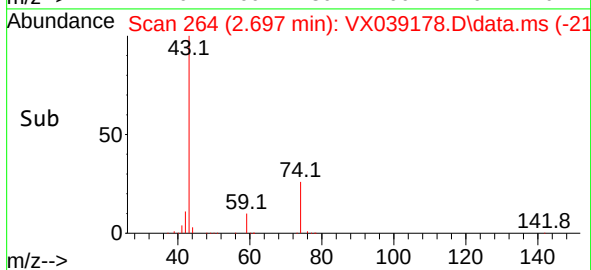
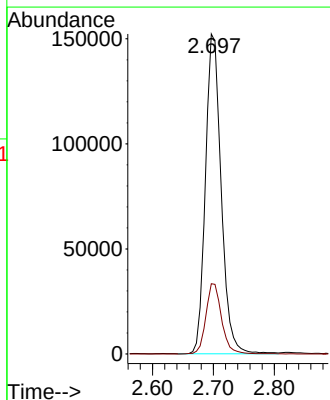
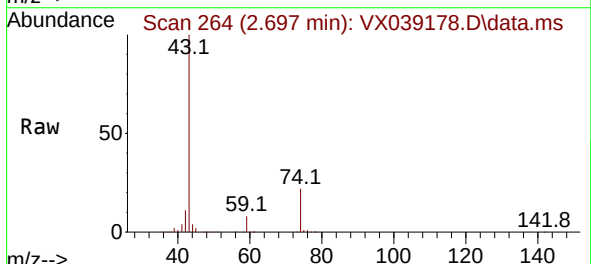
Manual Integrations
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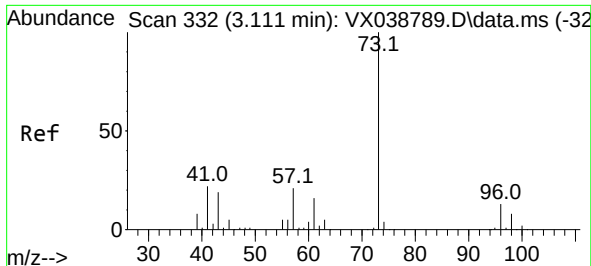
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#18
Methyl Acetate
Concen: 58.616 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Tgt Ion: 43 Resp: 273446
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8





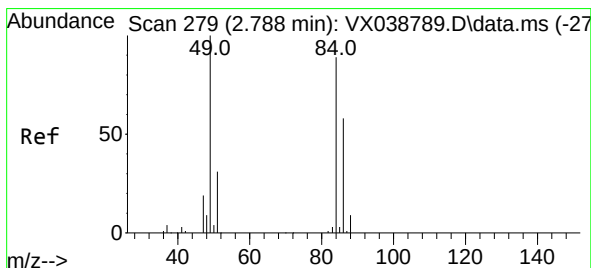
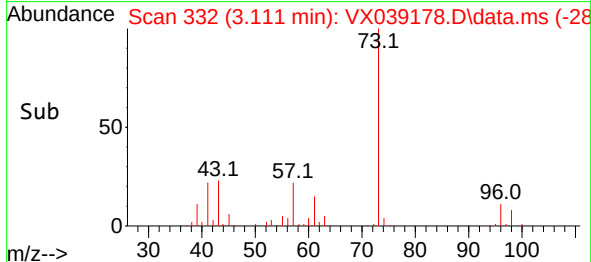
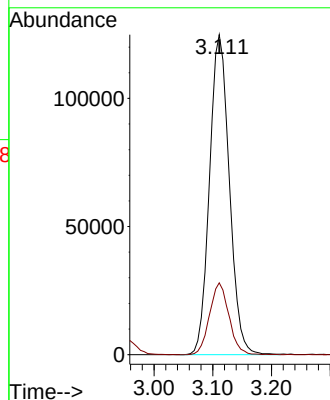
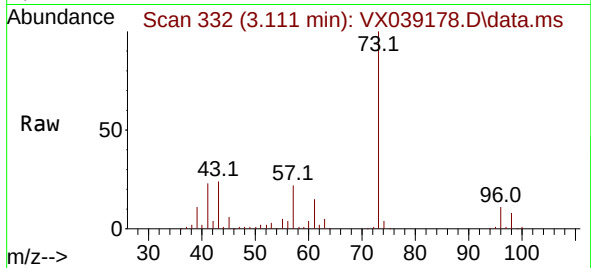
#19
Methyl tert-butyl Ether
Concen: 58.222 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 29223
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9

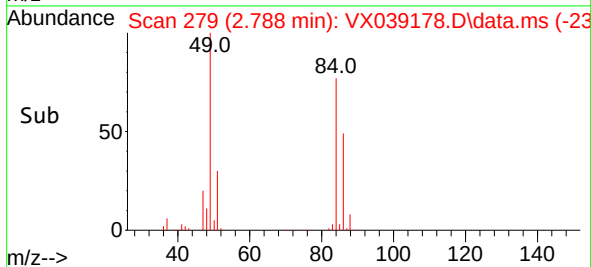
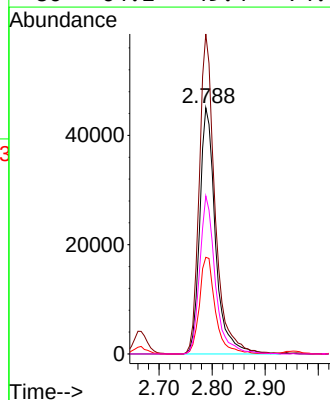
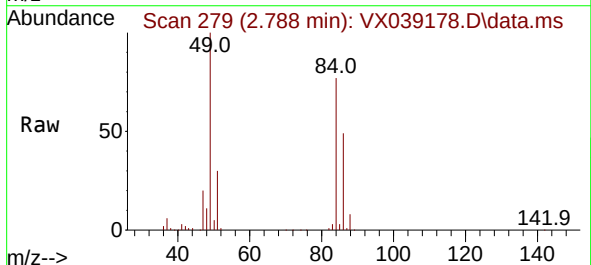
Manual Integrations
APPROVED

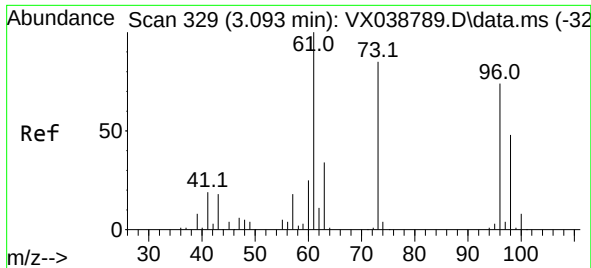
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#20
Methylene Chloride
Concen: 52.602 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

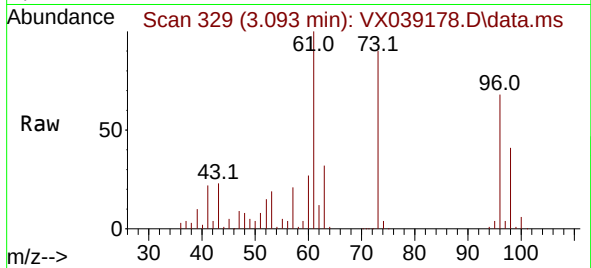
Tgt Ion: 84 Resp: 93128
Ion Ratio Lower Upper
84 100
49 130.0 103.6 155.4
51 39.2 33.8 50.6
86 64.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 53.868 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

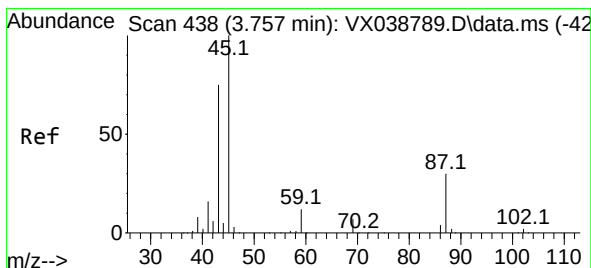
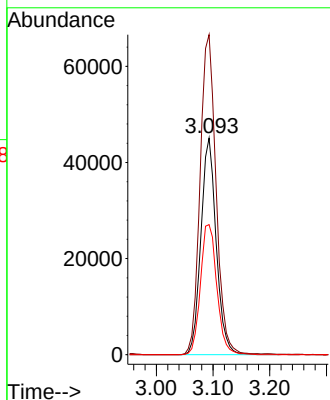
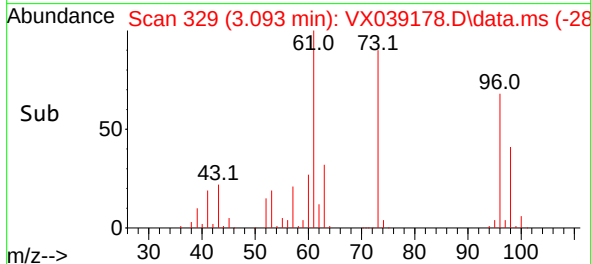
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



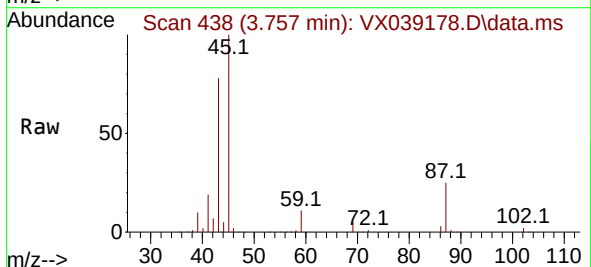
Tgt Ion: 96 Resp: 84820
Ion Ratio Lower Upper
96 100
61 147.7 119.2 178.8
98 60.1 48.7 73.1

Manual Integrations
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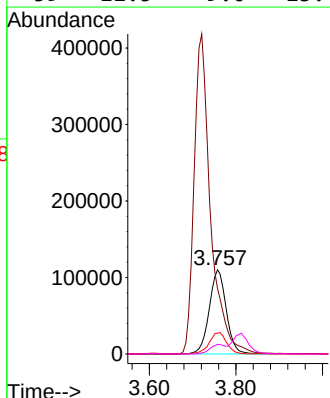
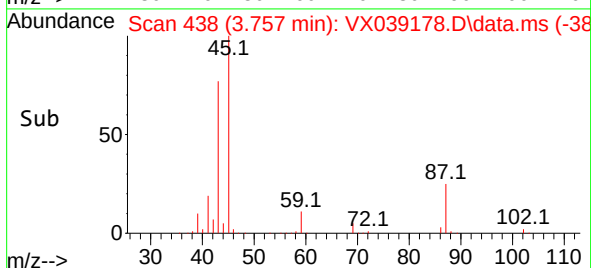
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

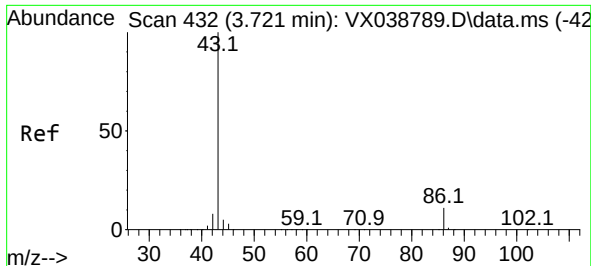


#22
Diisopropyl ether
Concen: 57.162 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00



Tgt Ion: 45 Resp: 299617
Ion Ratio Lower Upper
45 100
43 77.4 69.7 104.5
87 24.7 20.8 31.2
59 11.5 9.0 13.4





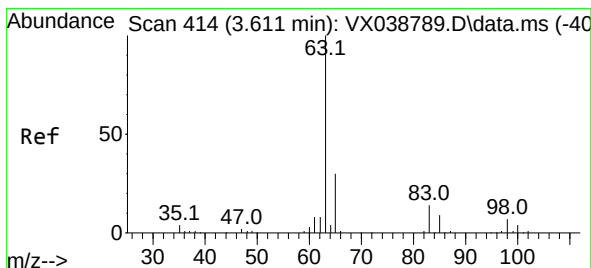
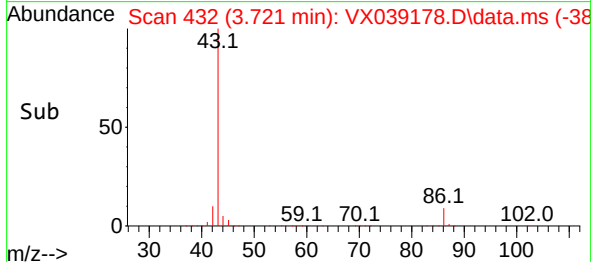
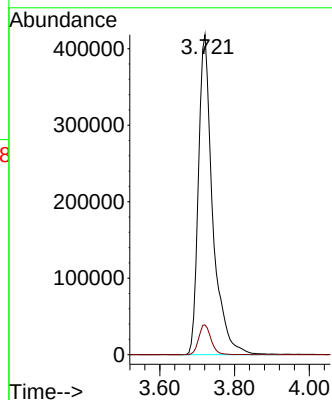
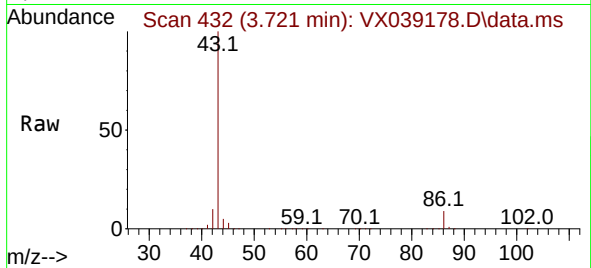
#23
 Vinyl Acetate
 Concen: 293.443 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039178.D
 Acq: 12 Dec 2023 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 110773
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

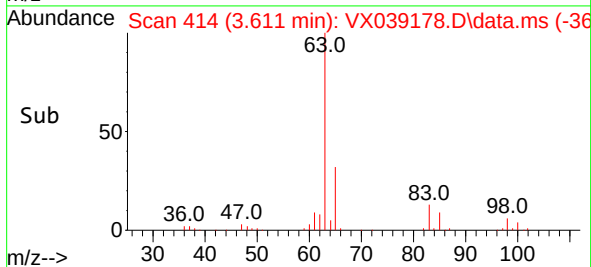
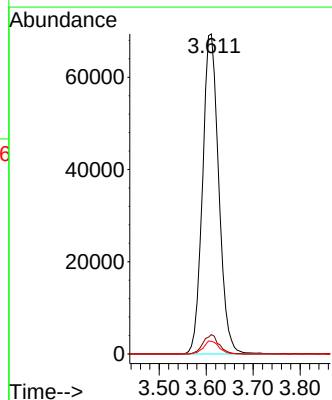
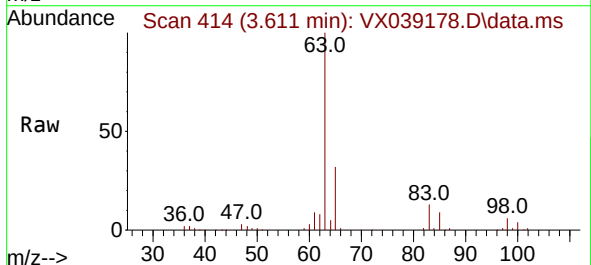
Manual Integrations
 APPROVED

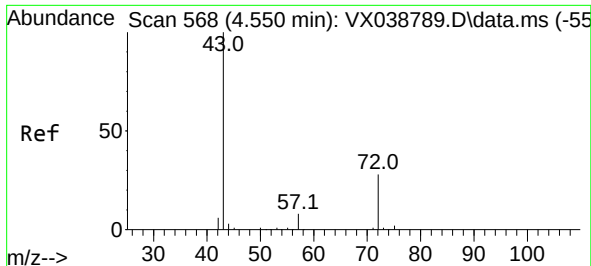
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#24
 1,1-Dichloroethane
 Concen: 56.760 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX039178.D
 Acq: 12 Dec 2023 20:00

Tgt Ion: 63 Resp: 166372
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 3.9 2.1 6.5





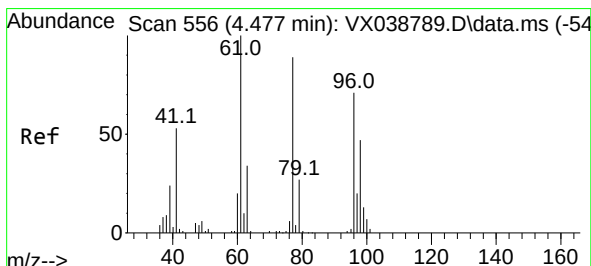
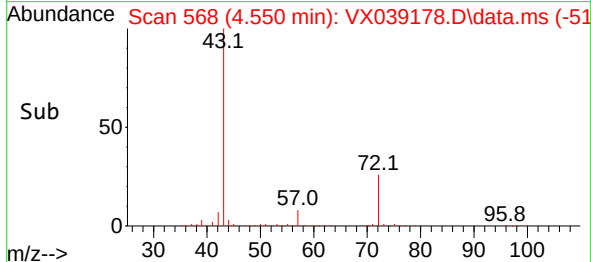
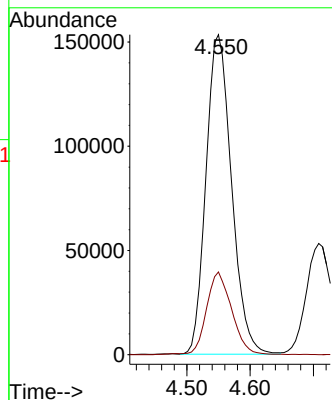
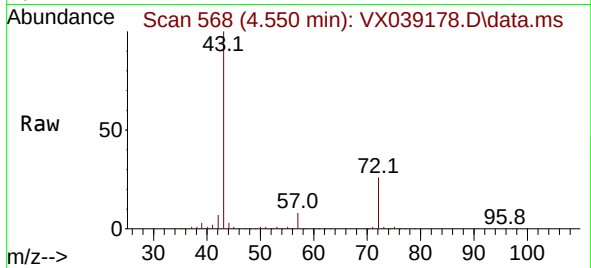
#25
2-Butanone
Concen: 270.485 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 430788
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.2

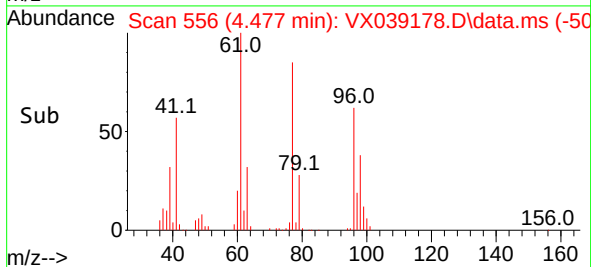
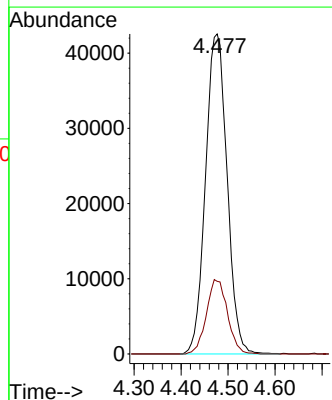
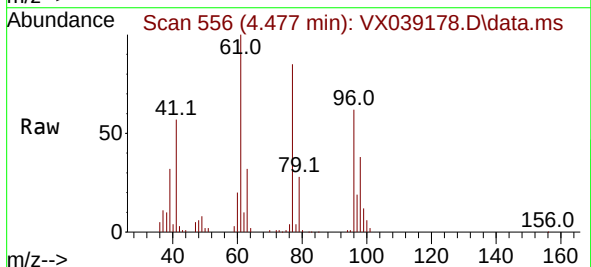
Manual Integrations
APPROVED

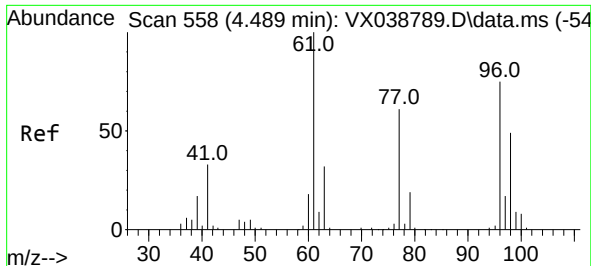
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#26
2,2-Dichloropropane
Concen: 53.297 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

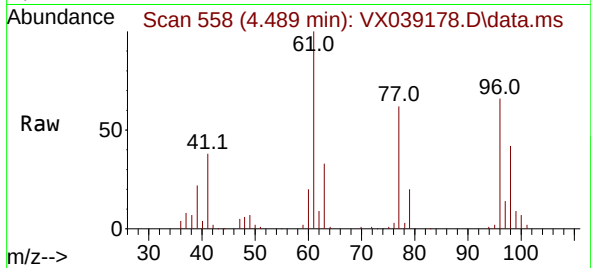
Tgt Ion: 77 Resp: 135509
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 53.277 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX039178.D
 Acq: 12 Dec 2023 20:00

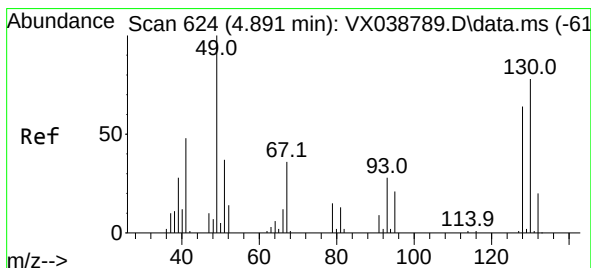
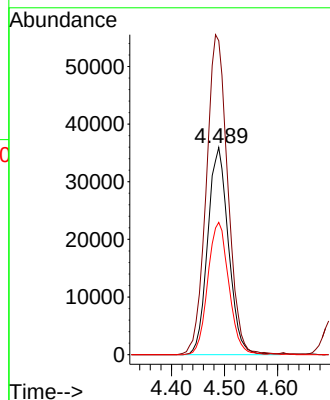
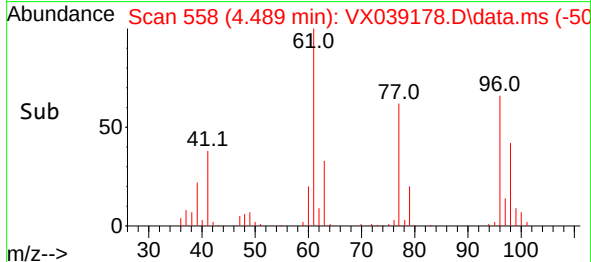
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 9778
 Ion Ratio Lower Upper
 96 100
 61 160.1 0.0 312.2
 98 64.6 0.0 129.0

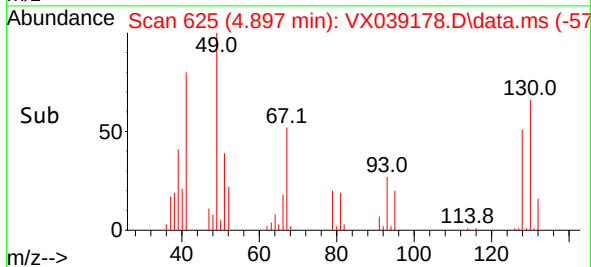
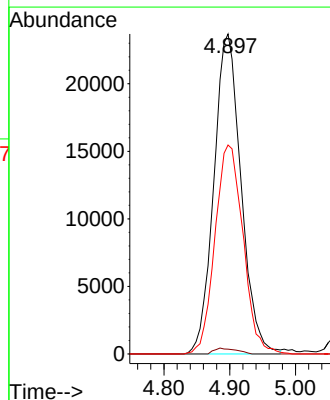
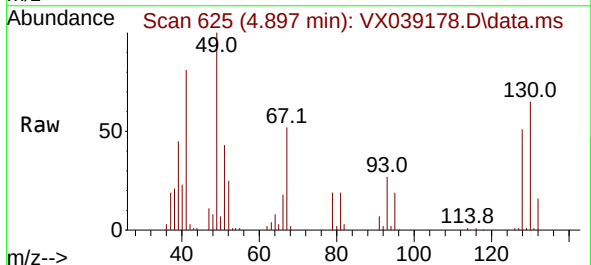
Manual Integrations
 APPROVED

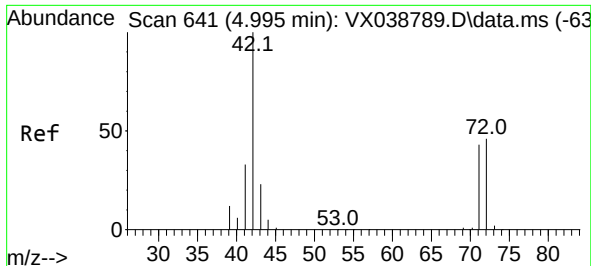
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#28
 Bromochloromethane
 Concen: 48.454 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX039178.D
 Acq: 12 Dec 2023 20:00

Tgt Ion: 49 Resp: 68189
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 67.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 276.121 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 279220

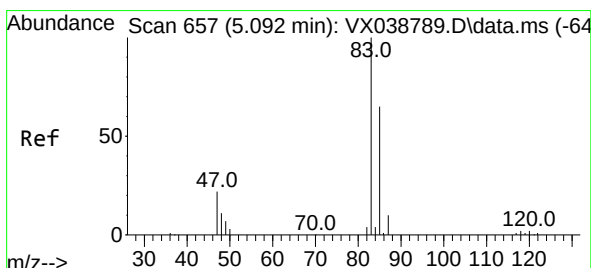
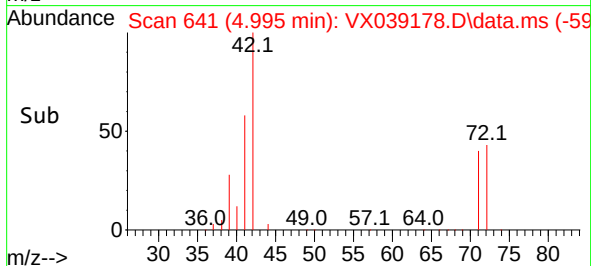
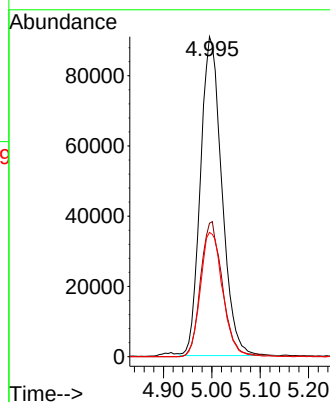
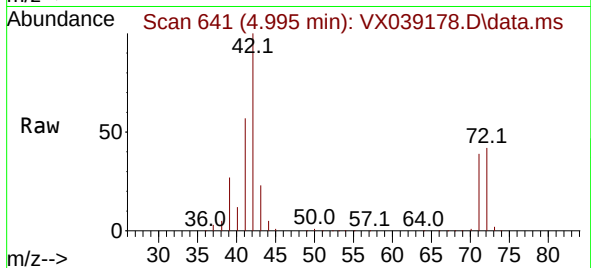
Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.2	51.4
71	40.6	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#30

Chloroform

Concen: 58.600 ug/l

RT: 5.092 min Scan# 657

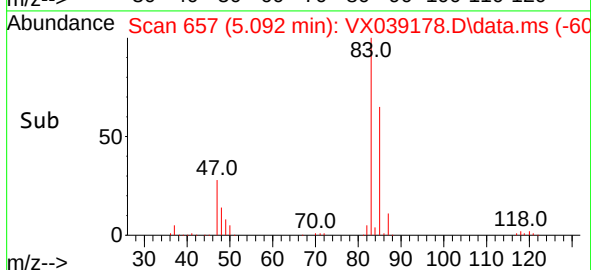
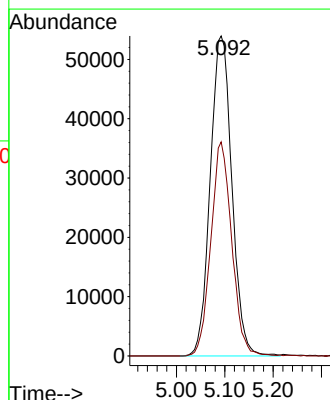
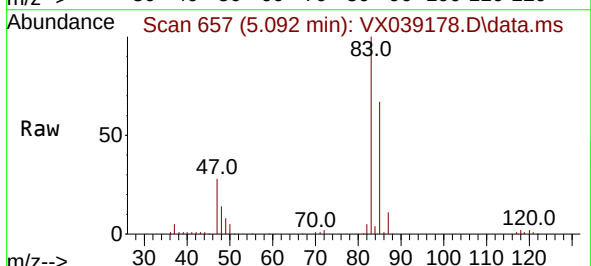
Delta R.T. 0.000 min

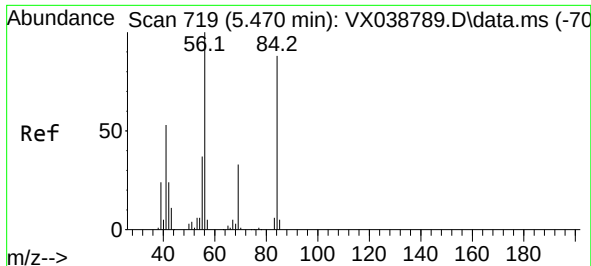
Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Tgt Ion: 83 Resp: 167722

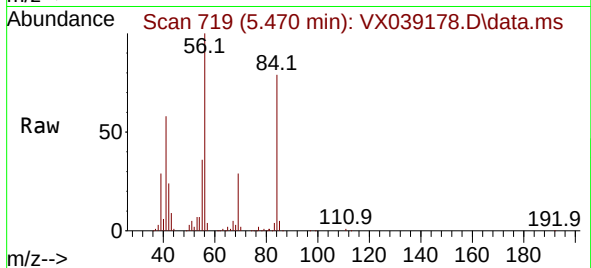
Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.3	75.5





#31
Cyclohexane
Concen: 55.683 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

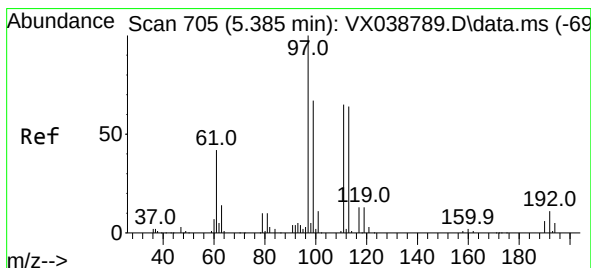
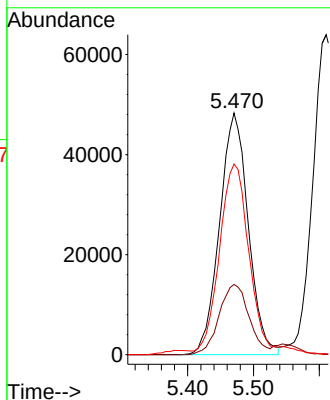
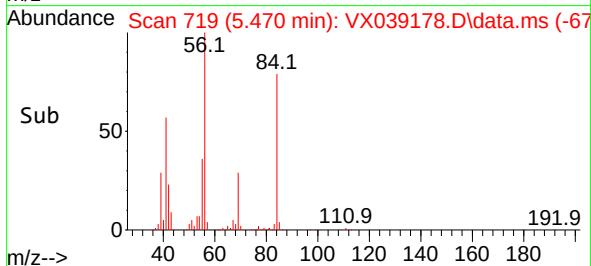
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 146674
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.2
84 77.1 65.9 98.9

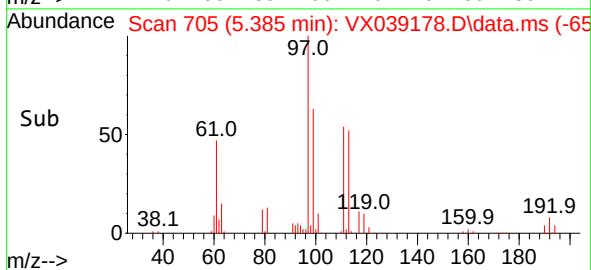
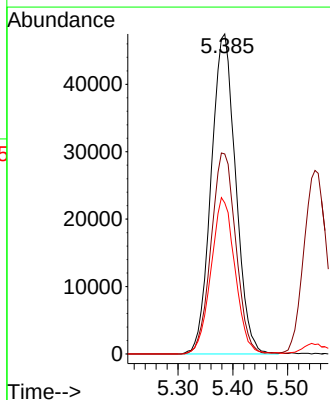
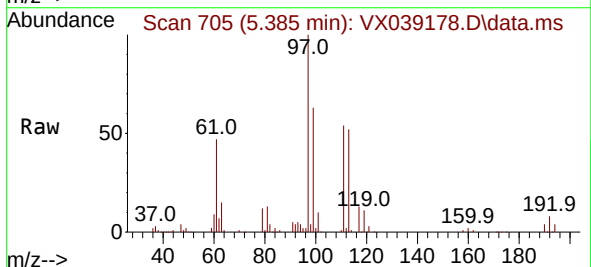
Manual Integrations
APPROVED

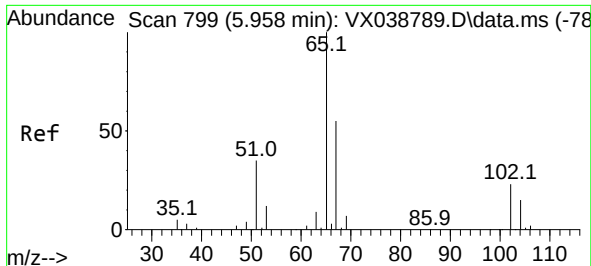
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#32
1,1,1-Trichloroethane
Concen: 59.441 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Tgt Ion: 97 Resp: 147358
Ion Ratio Lower Upper
97 100
99 63.3 51.1 76.7
61 47.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 54.634 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 100790

Ion Ratio Lower Upper

65 100

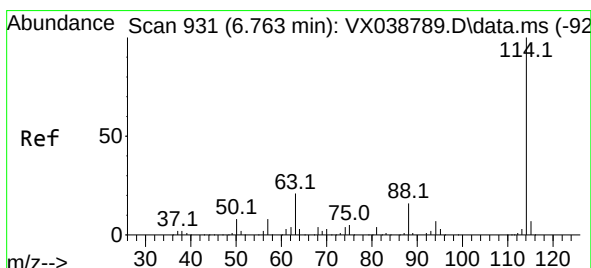
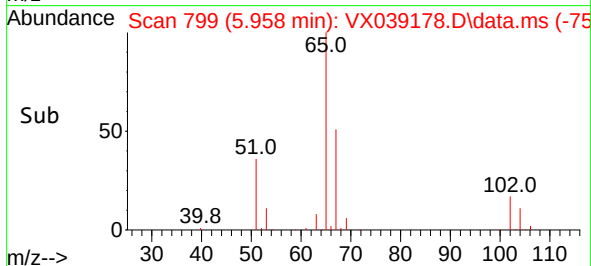
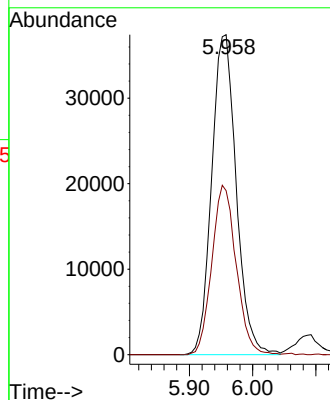
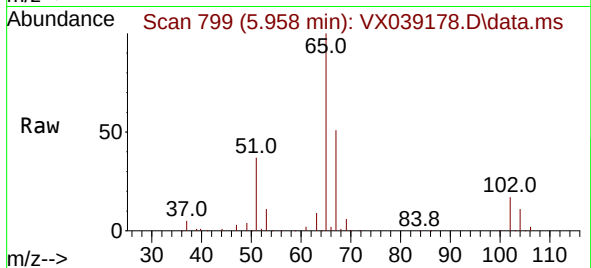
67 52.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

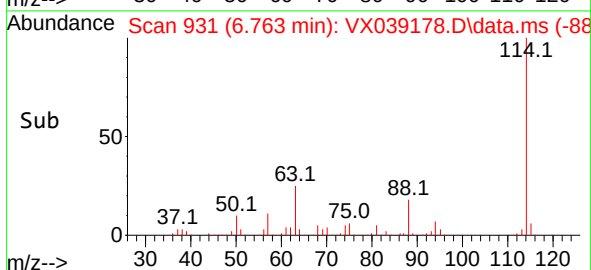
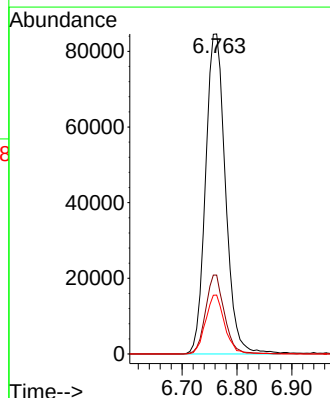
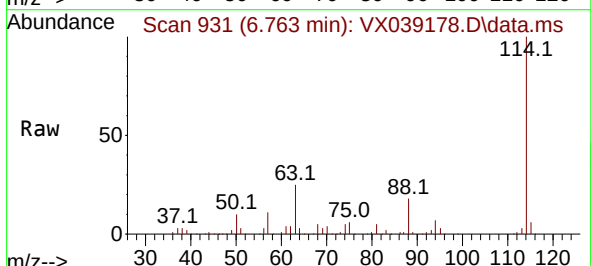
Tgt Ion:114 Resp: 212600

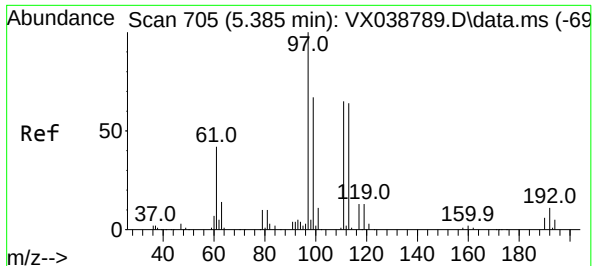
Ion Ratio Lower Upper

114 100

63 24.6 0.0 45.0

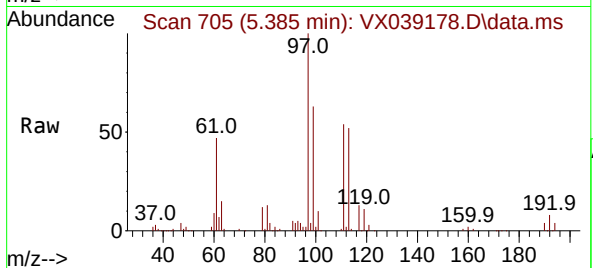
88 18.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.496 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

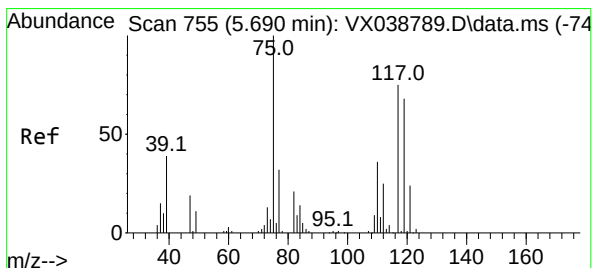
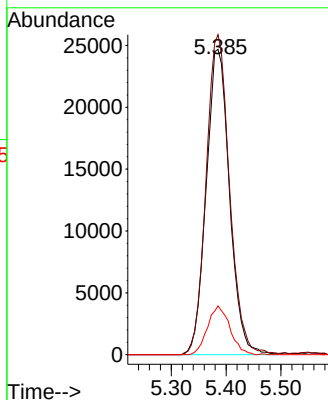
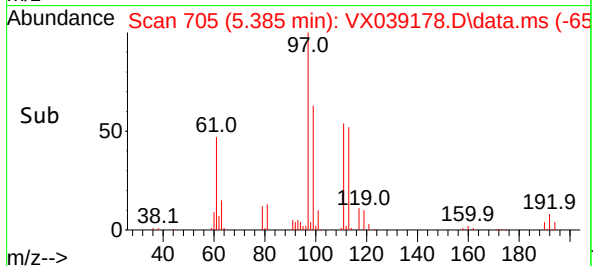
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 7292
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 15.3 13.3 19.9

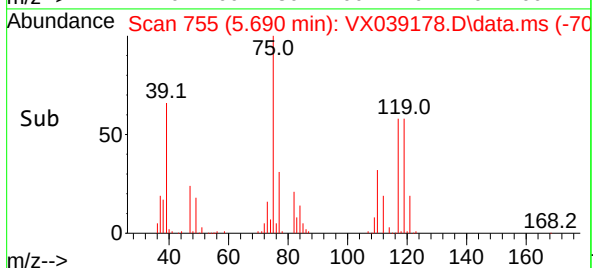
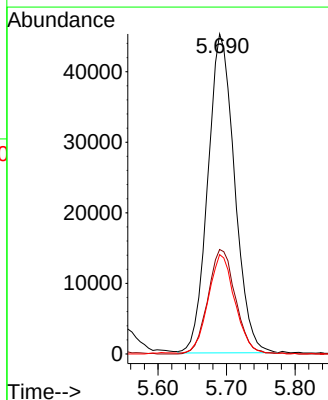
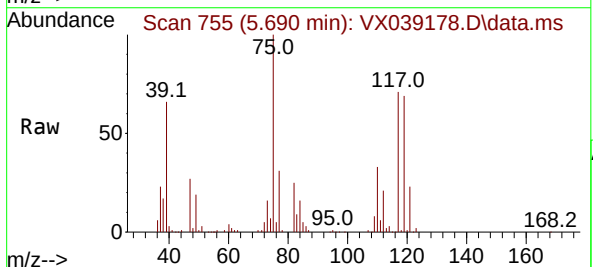
Manual Integrations
APPROVED

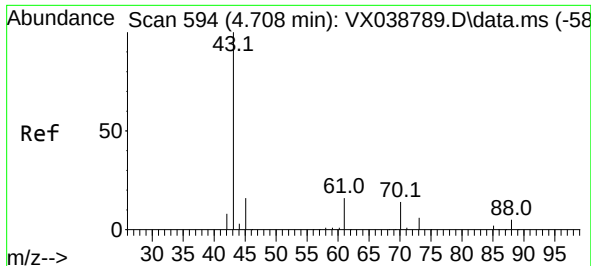
Reviewed By : John Carlone 12/13/2023
Supervised By : Mahesh Dadoda 12/13/2023



#36
1,1-Dichloropropene
Concen: 55.655 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

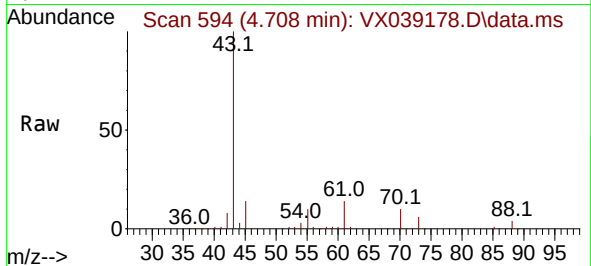
Tgt Ion: 75 Resp: 122478
Ion Ratio Lower Upper
75 100
110 33.8 17.0 50.9
77 31.4 24.7 37.1





#37
Ethyl Acetate
Concen: 54.192 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

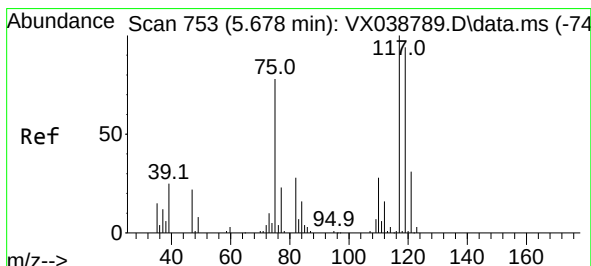
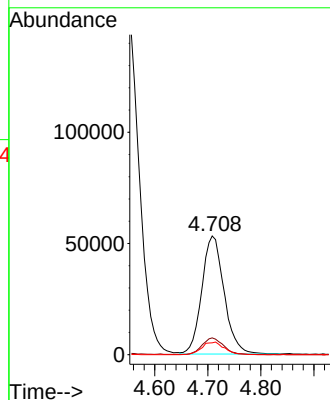
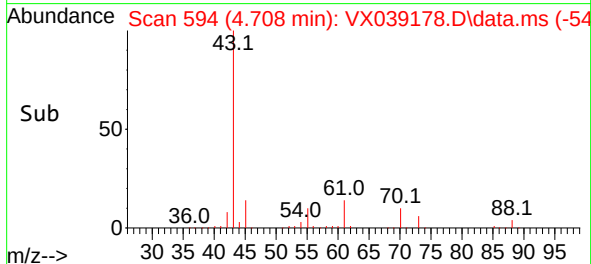
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 155374
Ion Ratio Lower Upper
43 100
61 13.8 10.6 16.0
70 10.7 8.3 12.5

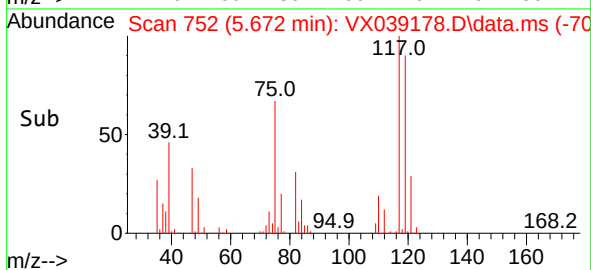
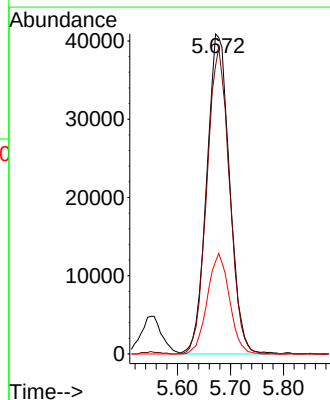
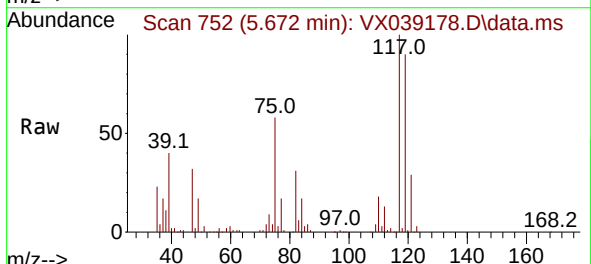
Manual Integrations
APPROVED

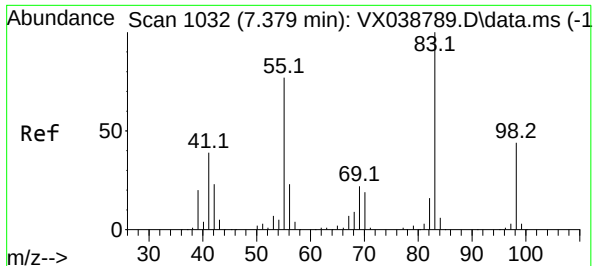
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#38
Carbon Tetrachloride
Concen: 60.305 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Tgt Ion:117 Resp: 122654
Ion Ratio Lower Upper
117 100
119 90.1 78.2 117.2
121 28.9 24.4 36.6





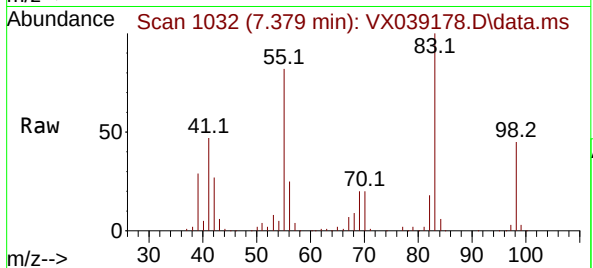
#39
Methylcyclohexane
Concen: 51.767 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



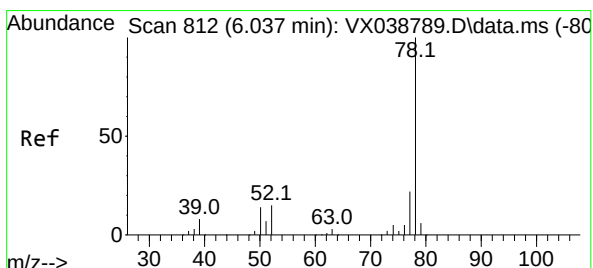
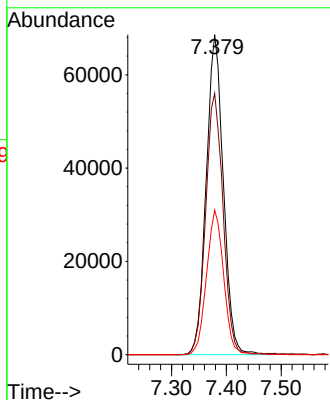
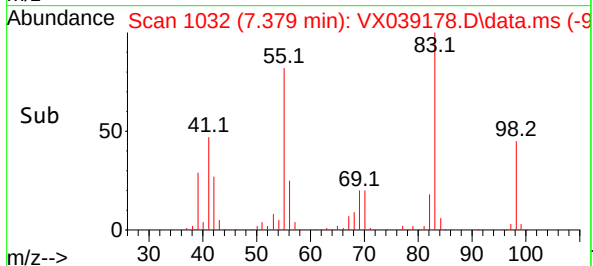
Tgt Ion: 83 Resp: 148597
Ion Ratio Lower Upper
83 100
55 81.7 64.6 97.0
98 45.2 36.7 55.1

Manual Integrations

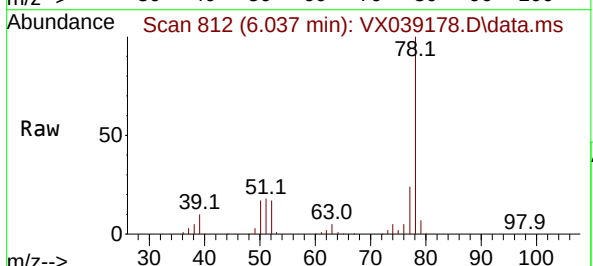
APPROVED

Reviewed By :John Carlone 12/13/2023

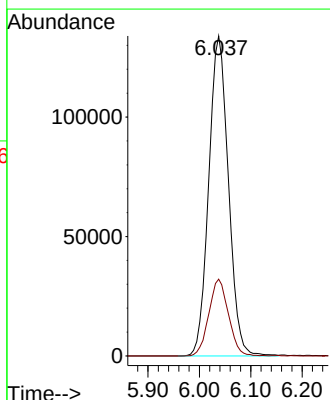
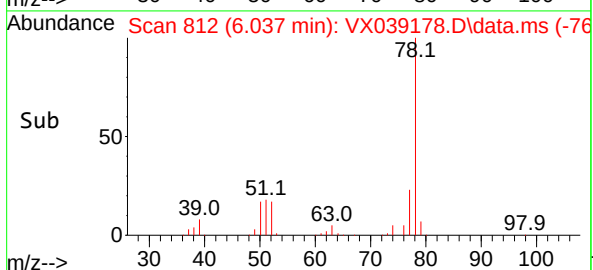
Supervised By :Mahesh Dadoda 12/13/2023

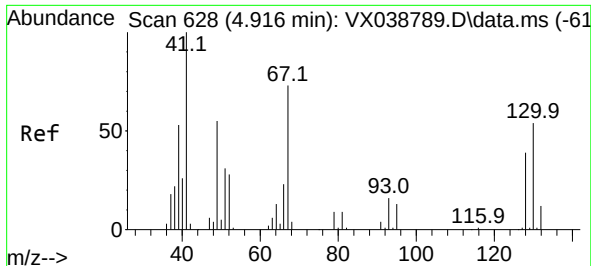


#40
Benzene
Concen: 54.664 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00



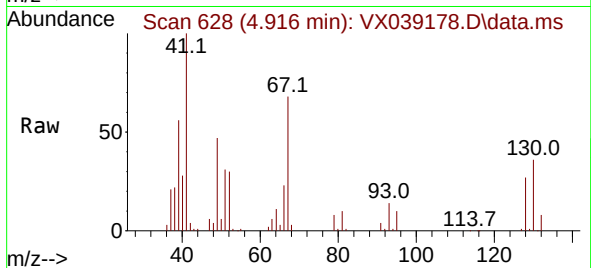
Tgt Ion: 78 Resp: 355800
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 57.526 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

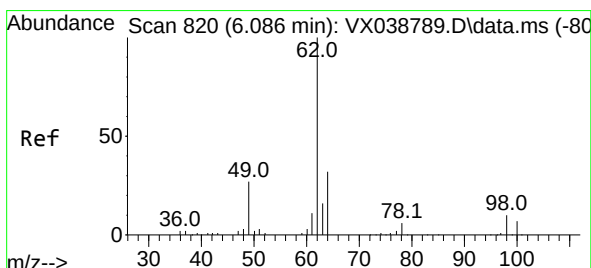
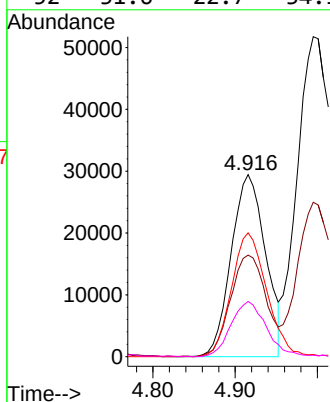
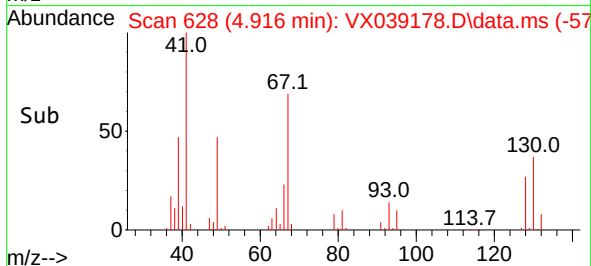
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	8554
Ion Ratio	100	Lower	Upper
39	57.8	45.2	67.8
67	69.8	52.6	78.8
52	31.6	22.7	34.1

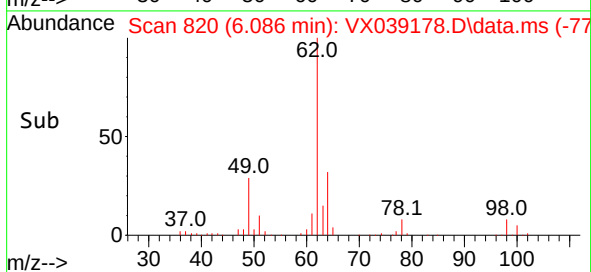
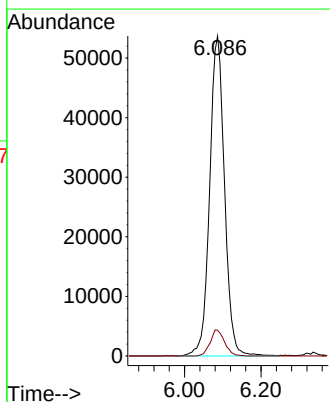
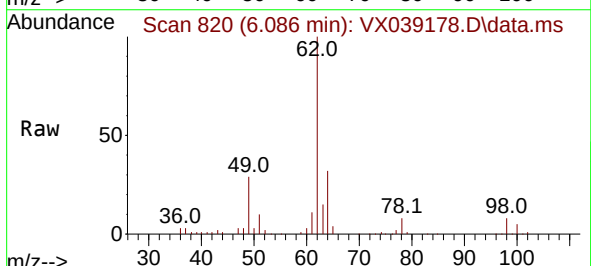
Manual Integrations
APPROVED

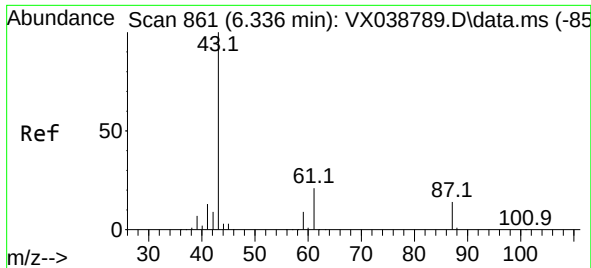
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#42
1,2-Dichloroethane
Concen: 67.183 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Tgt Ion:	62	Resp:	144880
Ion Ratio	100	Lower	Upper
98	7.9	0.0	16.0





#43

Isopropyl Acetate

Concen: 55.546 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

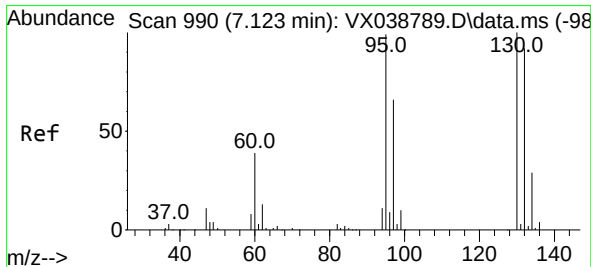
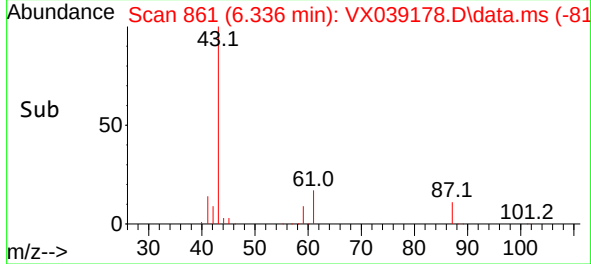
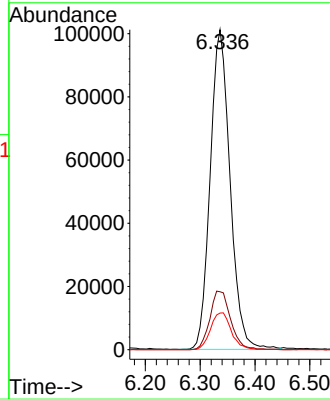
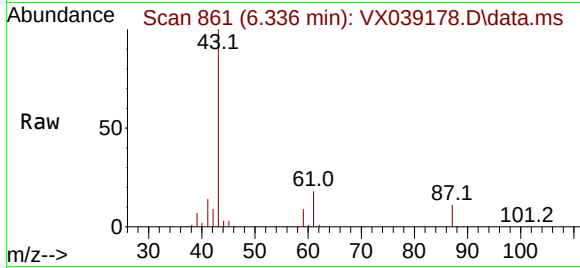
Tgt Ion: 43	Resp: 25451
Ion Ratio	Lower Upper
43	100
61	19.2 15.2 22.8
87	12.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#44

Trichloroethene

Concen: 55.569 ug/l

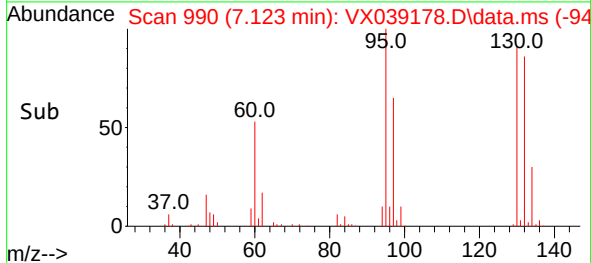
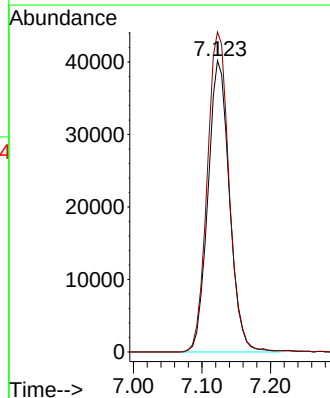
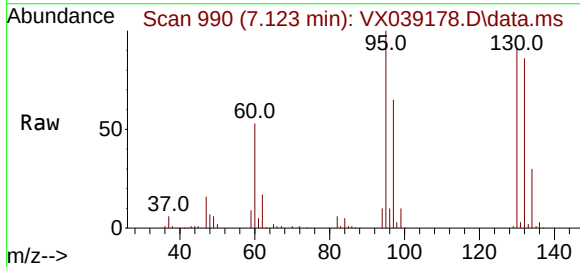
RT: 7.123 min Scan# 990

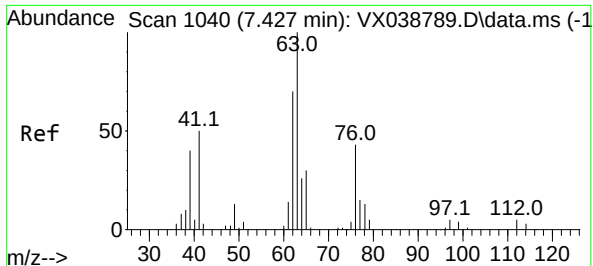
Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Tgt Ion:130	Resp: 88039
Ion Ratio	Lower Upper
130	100
95	109.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 55.590 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 9737

Ion Ratio Lower Upper

63 100

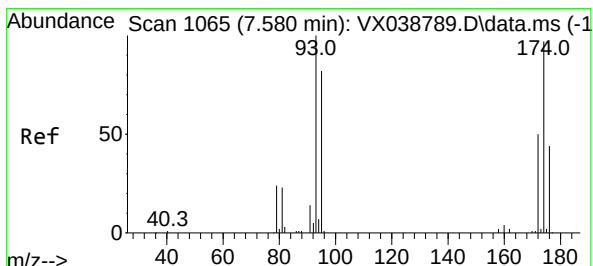
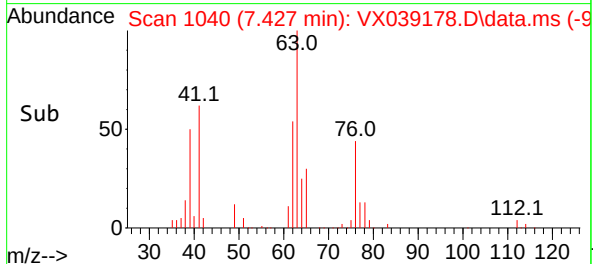
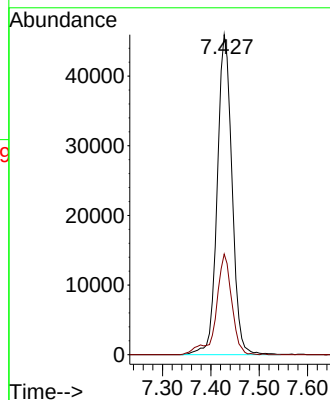
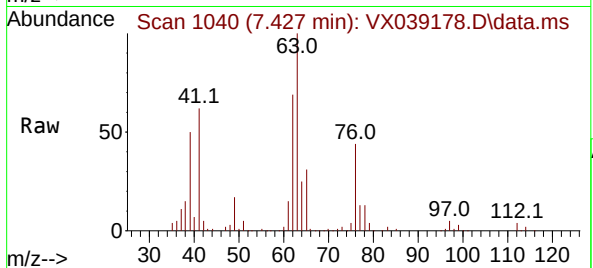
65 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#46

Dibromomethane

Concen: 58.833 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

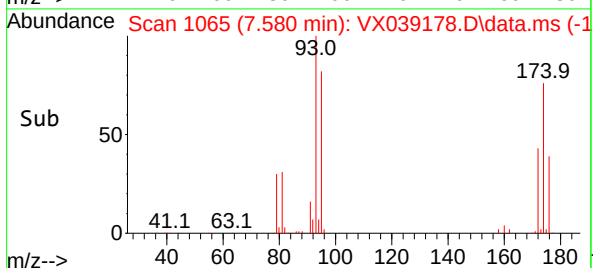
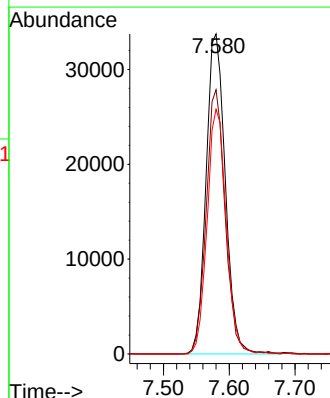
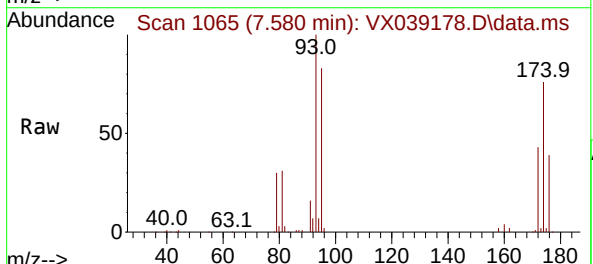
Tgt Ion: 93 Resp: 68722

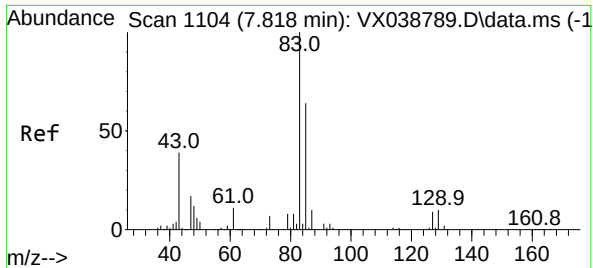
Ion Ratio Lower Upper

93 100

95 81.3 66.6 100.0

174 75.9 69.4 104.0





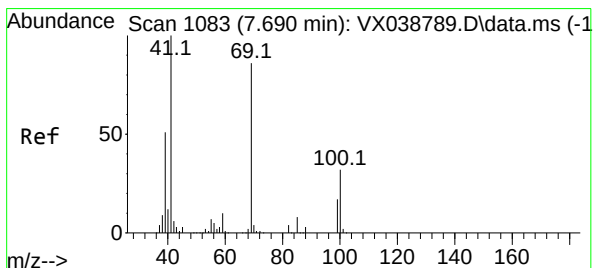
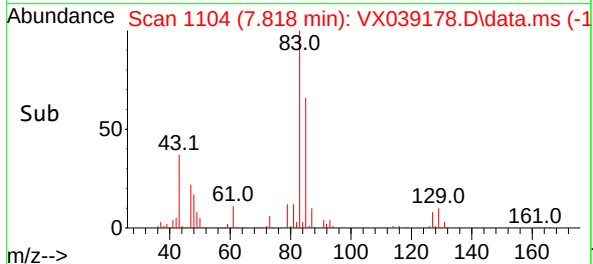
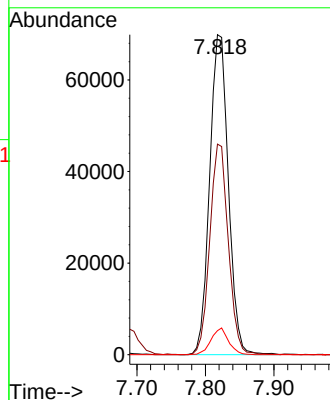
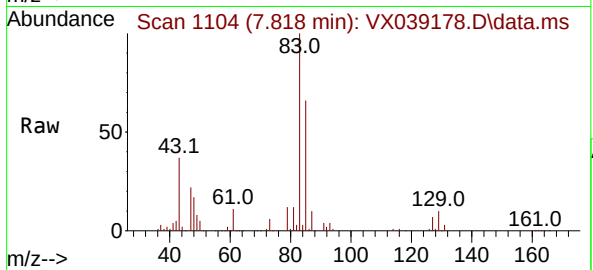
#47
Bromodichloromethane
Concen: 57.248 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 132723
Ion Ratio Lower Upper
83 100
85 65.8 49.8 74.6
127 7.5 7.1 10.7

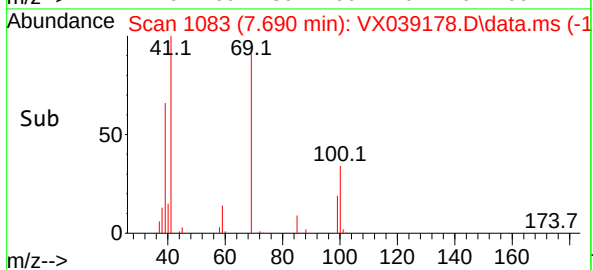
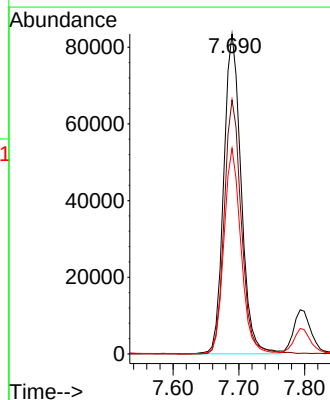
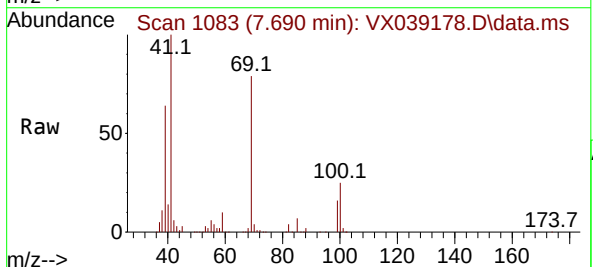
Manual Integrations
APPROVED

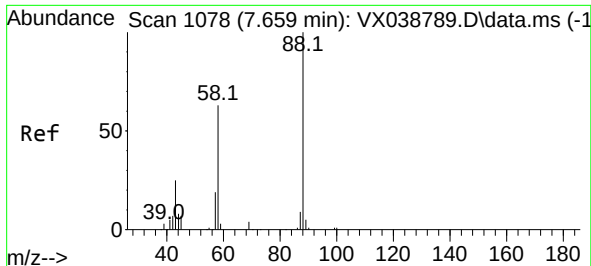
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#48
Methyl methacrylate
Concen: 69.023 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Tgt Ion: 41 Resp: 153451
Ion Ratio Lower Upper
41 100
69 78.7 59.2 88.8
39 63.3 47.7 71.5





#49

1,4-Dioxane

Concen: 860.448 ug/l

RT: 7.653 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

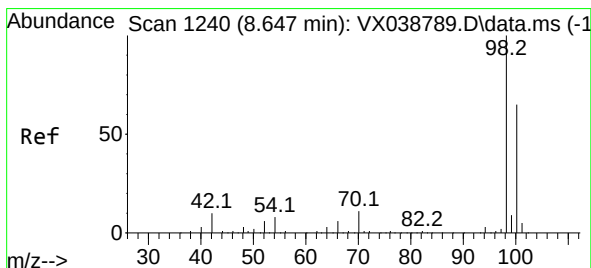
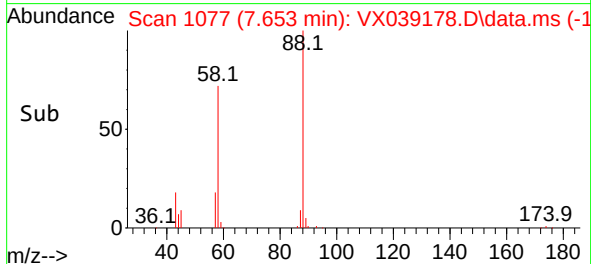
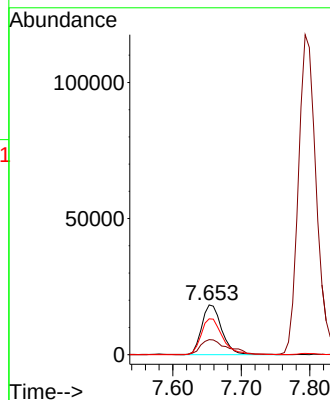
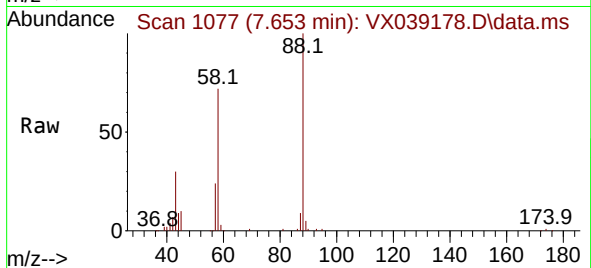
Tgt Ion: 88 Resp: 37008
 Ion Ratio Lower Upper
 88 100
 43 39.6 0.0 0.0
 58 77.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#50

Toluene-d8

Concen: 44.324 ug/l

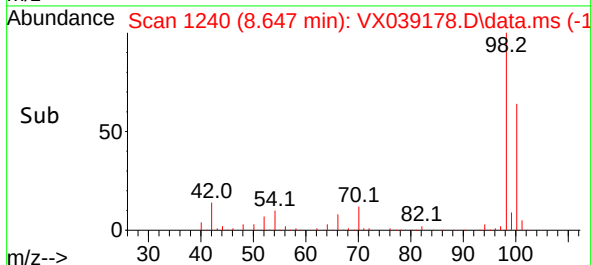
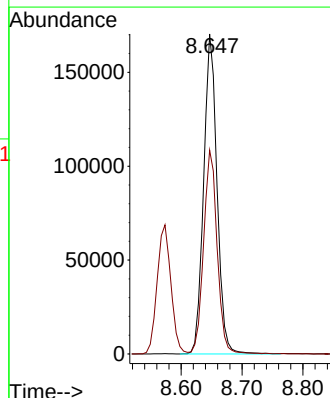
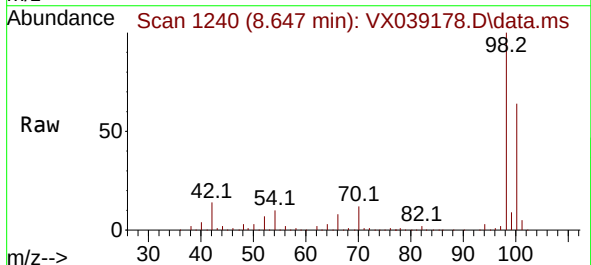
RT: 8.647 min Scan# 1240

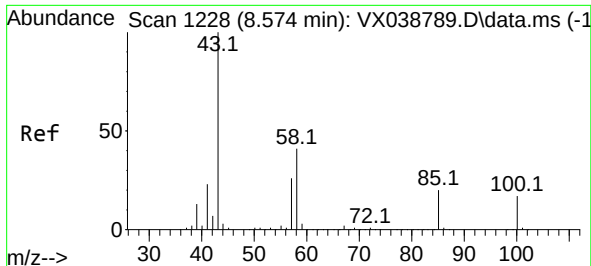
Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Tgt Ion: 98 Resp: 260388
 Ion Ratio Lower Upper
 98 100
 100 64.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 281.867 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

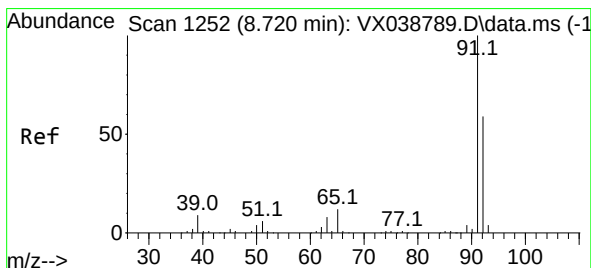
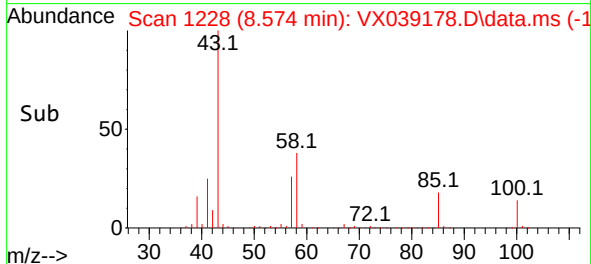
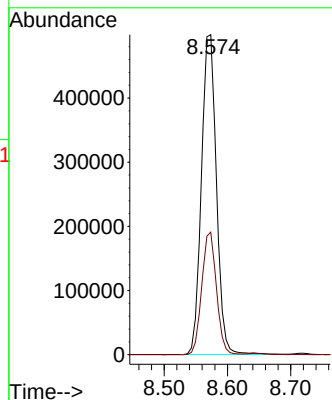
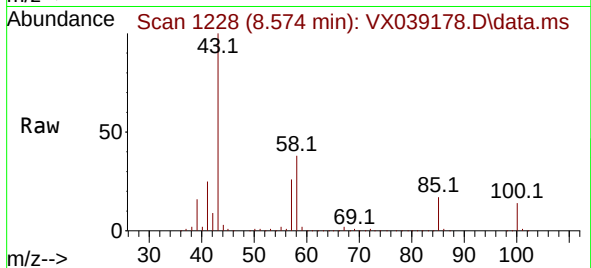
VSTDCCC050EC

Tgt Ion: 43 Resp: 825362
Ion Ratio Lower Upper
43 100
58 37.4 30.4 45.6

Manual Integrations

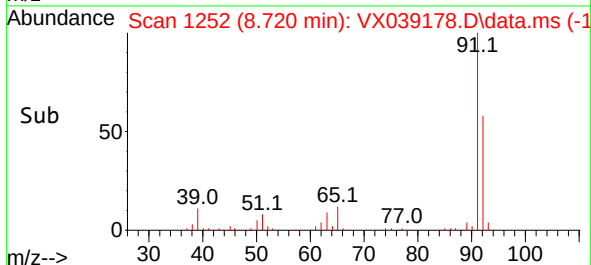
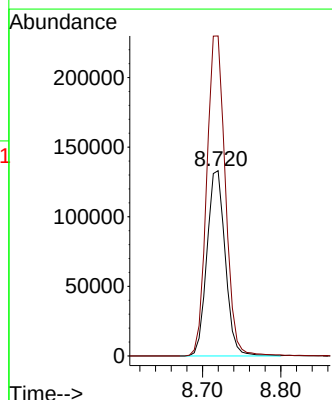
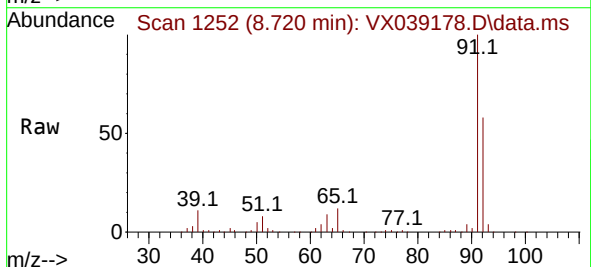
APPROVED

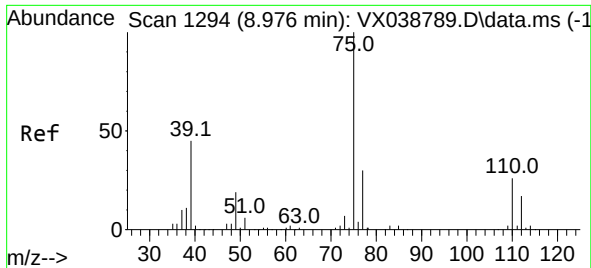
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#52
Toluene
Concen: 53.383 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Tgt Ion: 92 Resp: 215617
Ion Ratio Lower Upper
92 100
91 175.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.134 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 14639

Ion Ratio Lower Upper

75 100

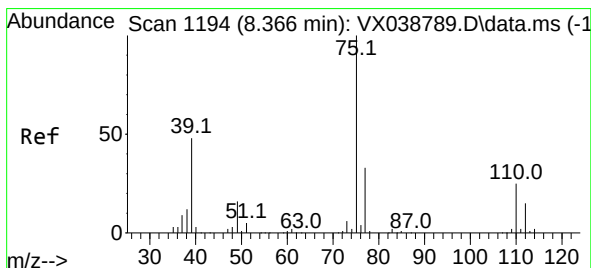
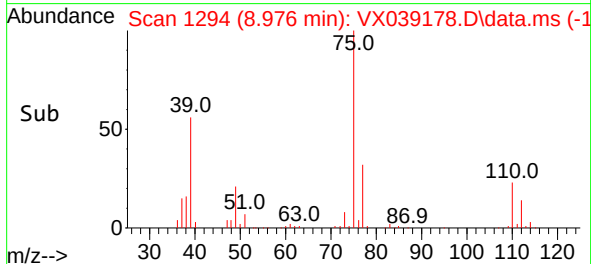
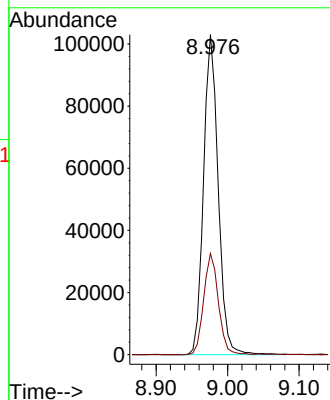
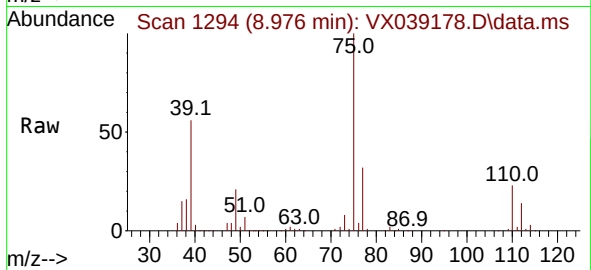
77 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#54

cis-1,3-Dichloropropene

Concen: 54.808 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

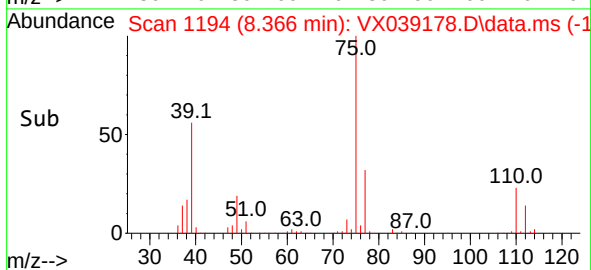
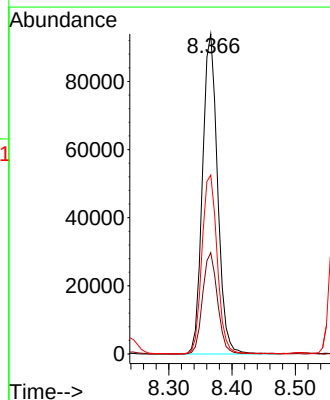
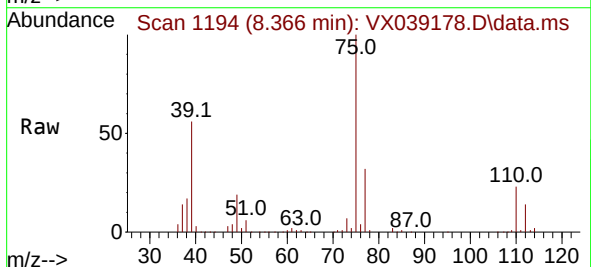
Tgt Ion: 75 Resp: 155976

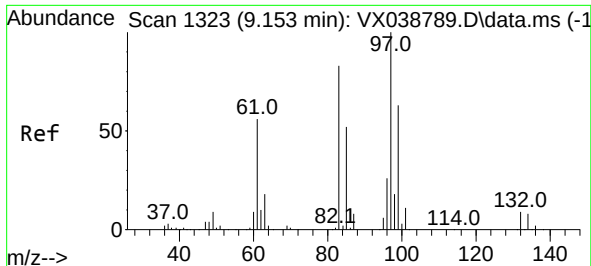
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 55.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 53.539 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

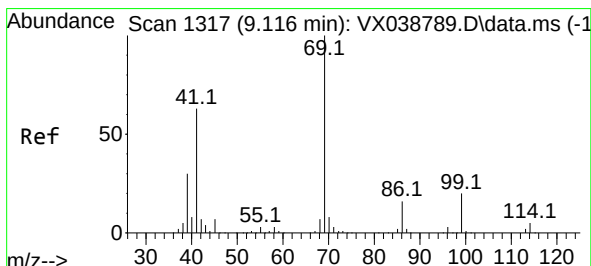
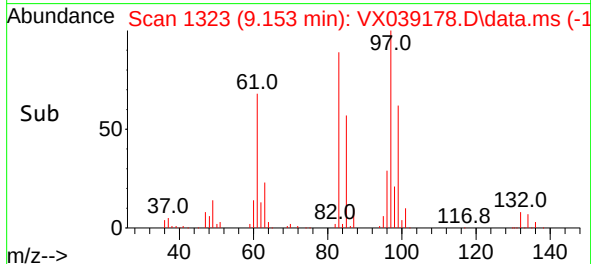
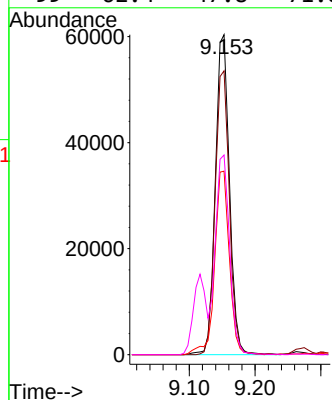
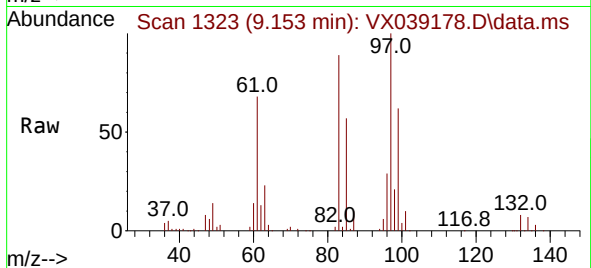
Tgt Ion: 97	Resp: 9023
Ion Ratio	Lower Upper
97 100	
83 88.7	65.8 98.8
85 57.3	41.6 62.4
99 62.4	47.8 71.8

Manual Integrations

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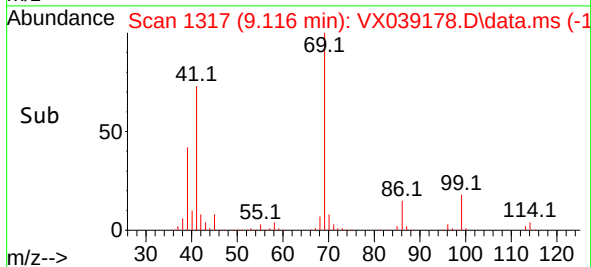
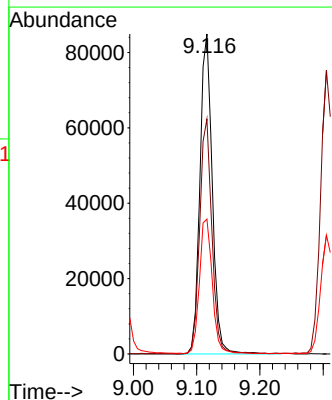
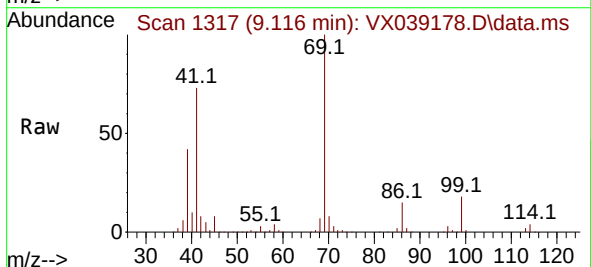
Reviewed By :John Carlone 12/13/2023

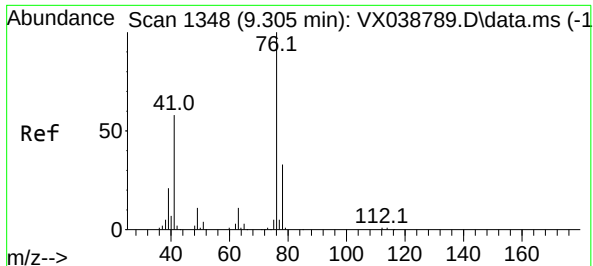
Supervised By :Mahesh Dadoda 12/13/2023



#56
Ethyl methacrylate
Concen: 40.567 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

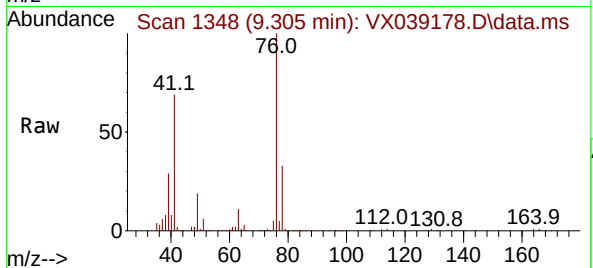
Tgt Ion: 69	Resp: 115678
Ion Ratio	Lower Upper
69 100	
41 72.9	56.8 85.2
39 44.0	32.0 48.0





#57
1,3-Dichloropropane
Concen: 55.929 ug/l
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

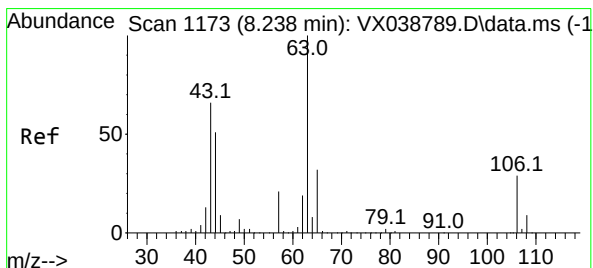
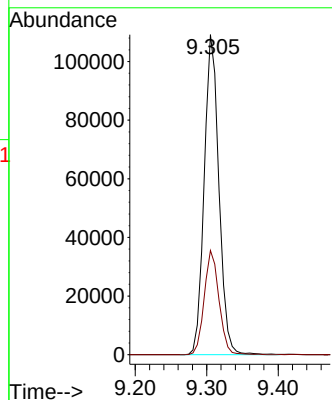
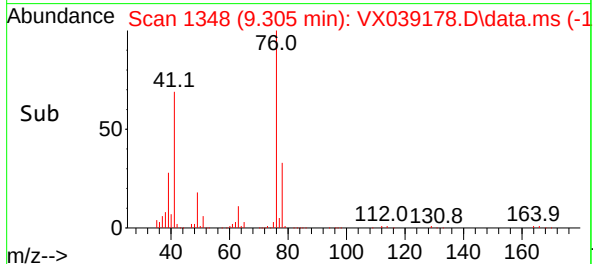
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 155889
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

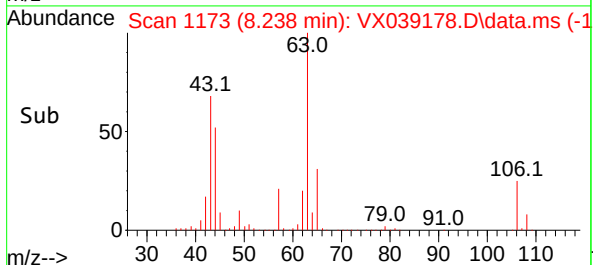
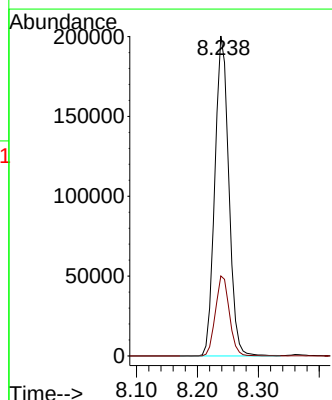
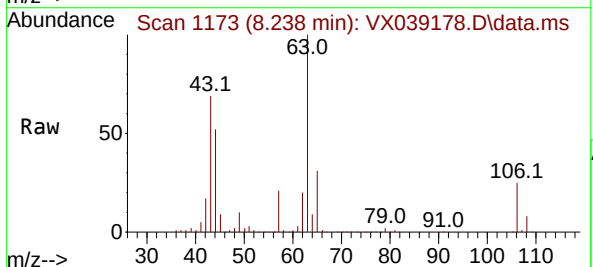
Manual Integrations
APPROVED

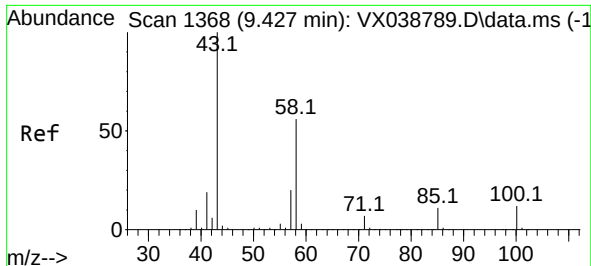
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 240.670 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Tgt Ion: 63 Resp: 319696
Ion Ratio Lower Upper
63 100
106 24.9 22.5 33.7





#59

2-Hexanone

Concen: 282.031 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 661934

Ion Ratio Lower Upper

43 100

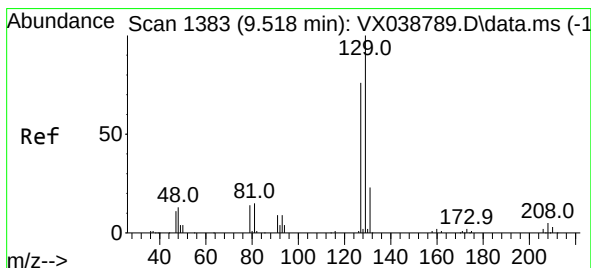
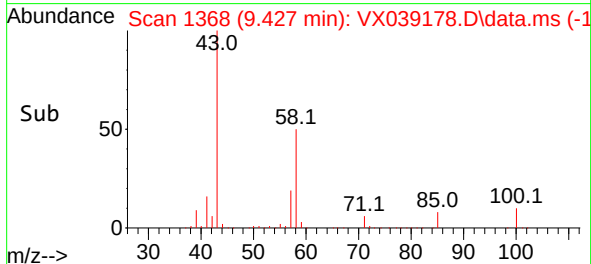
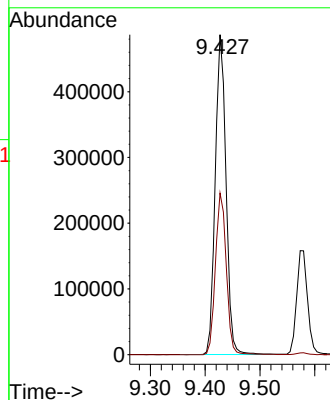
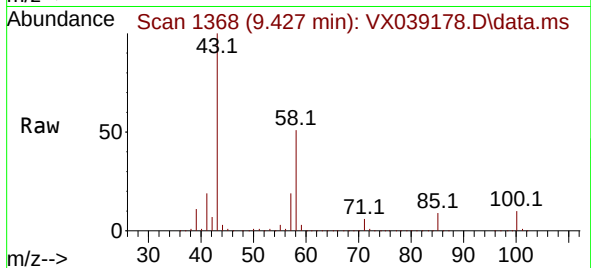
58 51.0 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#60

Dibromochloromethane

Concen: 55.375 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039178.D

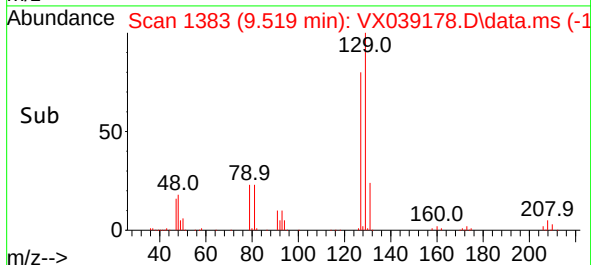
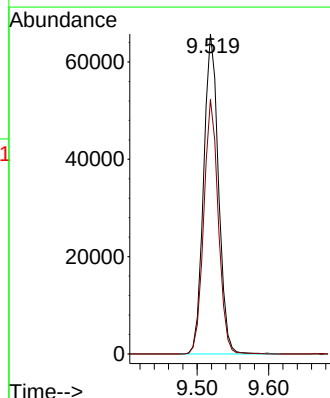
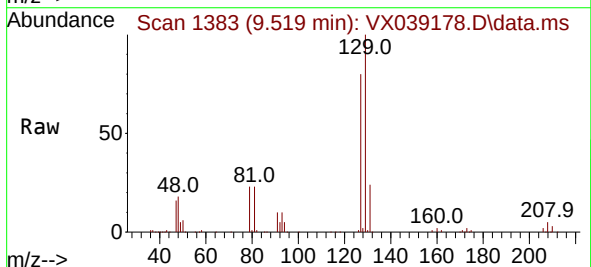
Acq: 12 Dec 2023 20:00

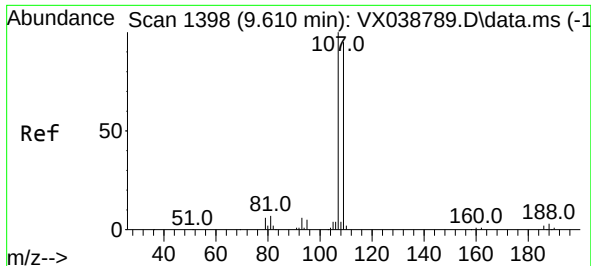
Tgt Ion:129 Resp: 94892

Ion Ratio Lower Upper

129 100

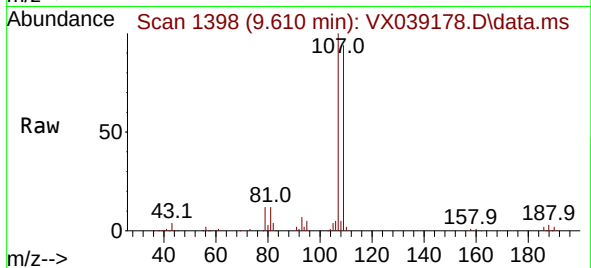
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.904 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

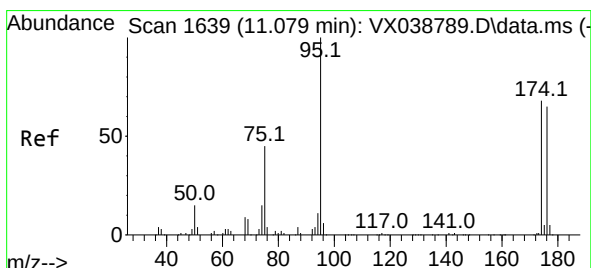
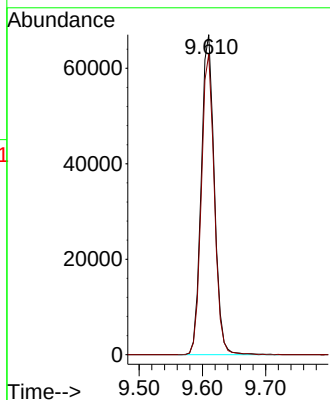
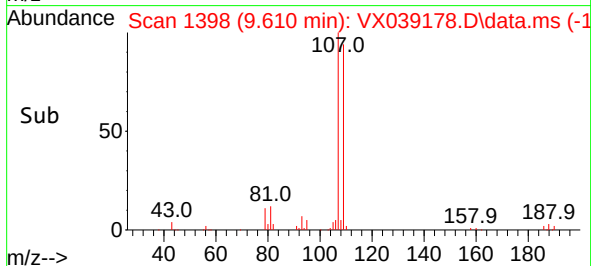
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



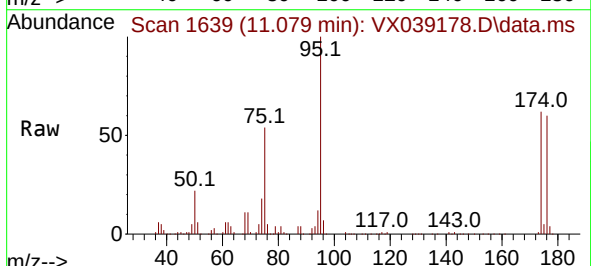
Tgt Ion:107 Resp: 97090
Ion Ratio Lower Upper
107 100
109 92.9 75.2 112.8

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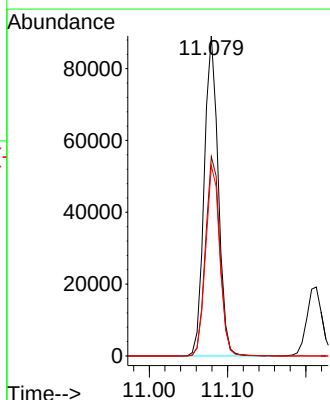
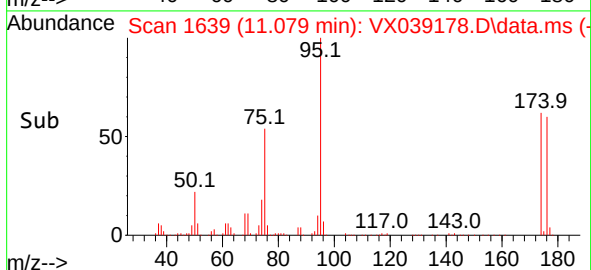
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

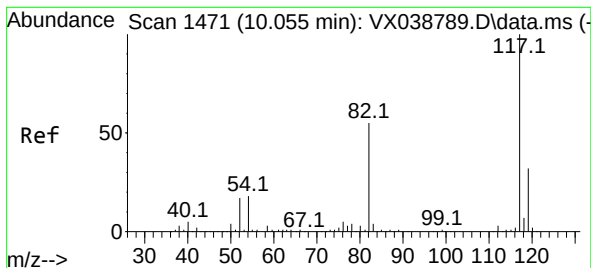


#62
4-Bromofluorobenzene
Concen: 46.935 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00



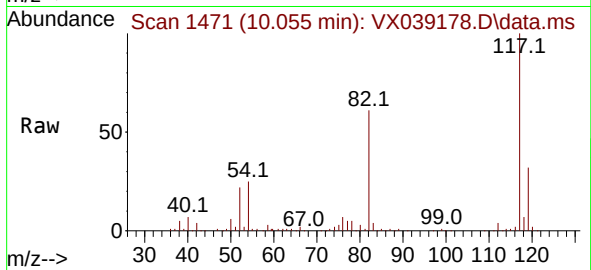
Tgt Ion: 95 Resp: 110376
Ion Ratio Lower Upper
95 100
174 63.8 0.0 135.6
176 60.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

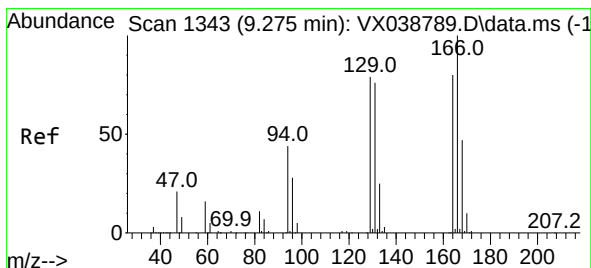
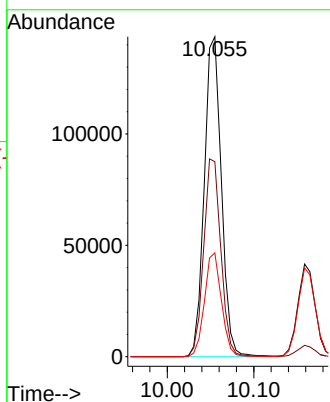
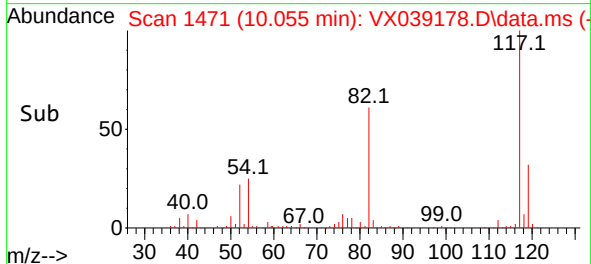
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 19698
Ion Ratio Lower Upper
117 100
82 60.9 46.2 69.4
119 32.5 25.5 38.3

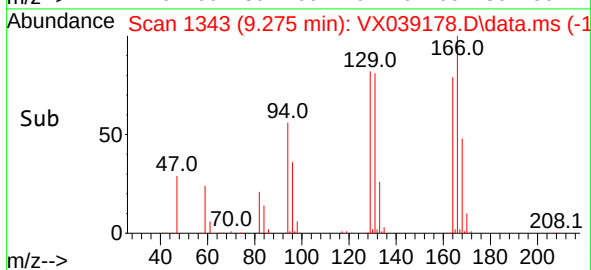
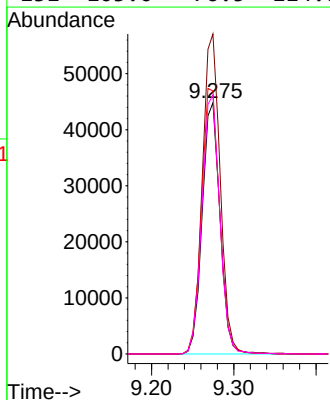
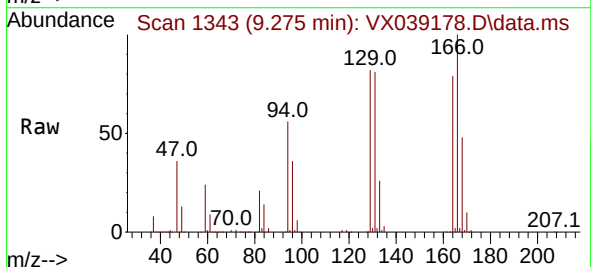
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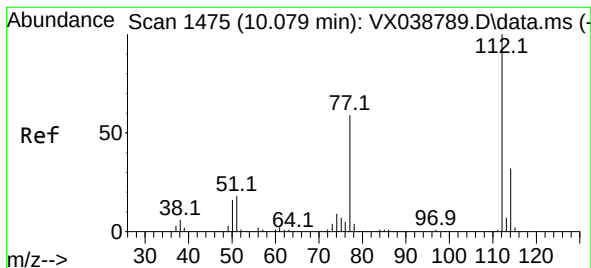
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#64
Tetrachloroethene
Concen: 55.148 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Tgt Ion:164 Resp: 67526
Ion Ratio Lower Upper
164 100
166 127.4 102.7 154.1
129 104.7 80.4 120.6
131 103.0 76.5 114.7





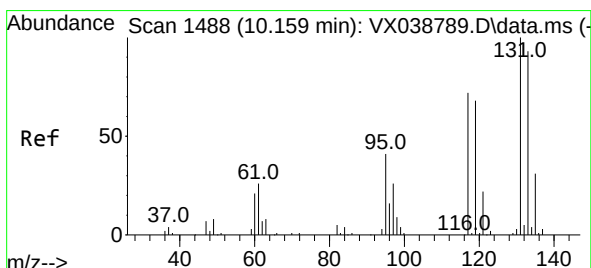
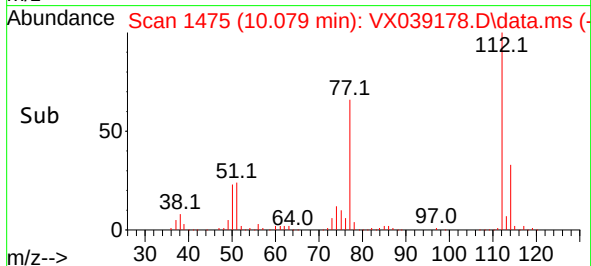
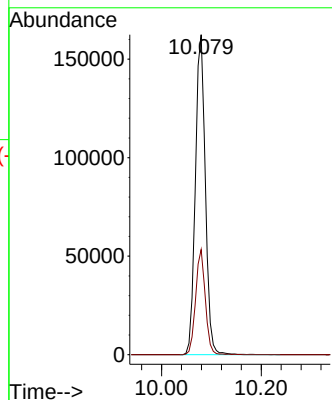
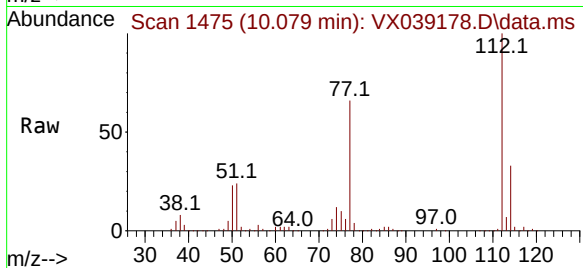
#65
Chlorobenzene
Concen: 53.157 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 225562
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

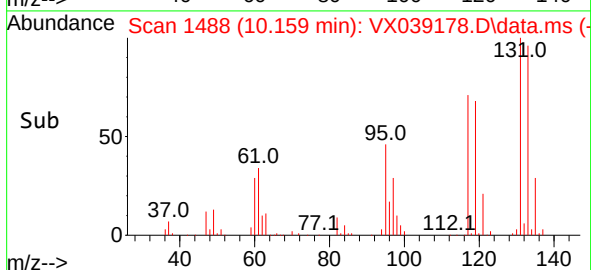
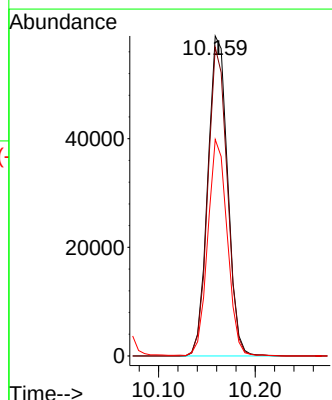
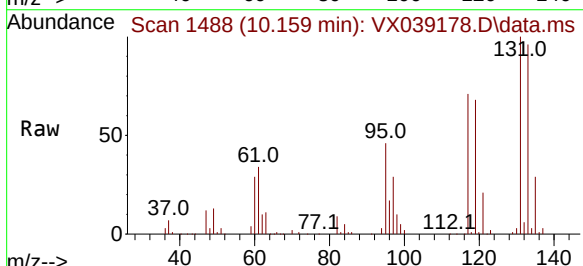
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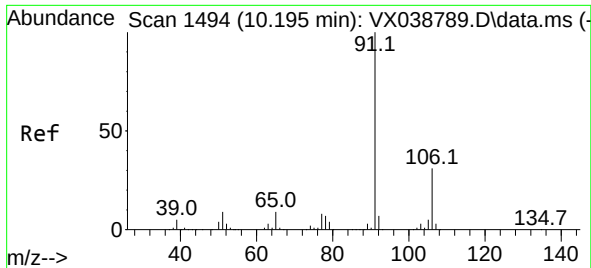
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.982 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

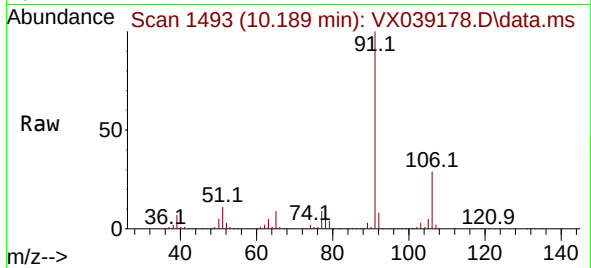
Tgt Ion:131 Resp: 83925
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 66.6 32.2 96.6





#67
Ethyl Benzene
Concen: 55.650 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

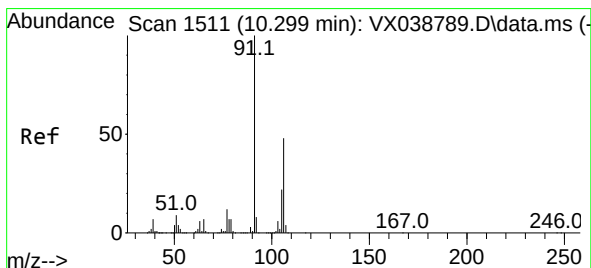
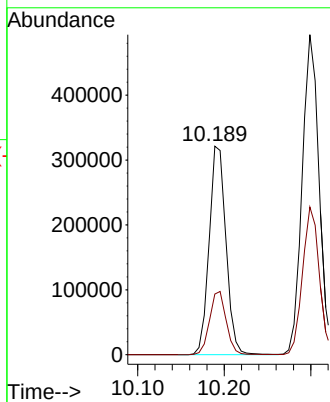
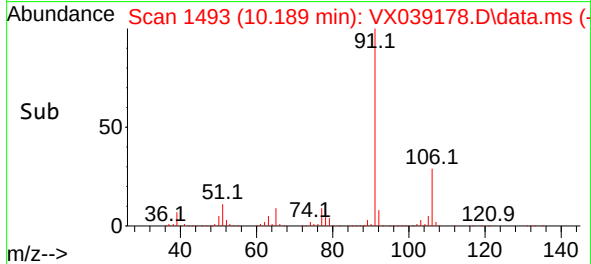
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 433850
Ion Ratio Lower Upper
91 100
106 29.1 24.9 37.3

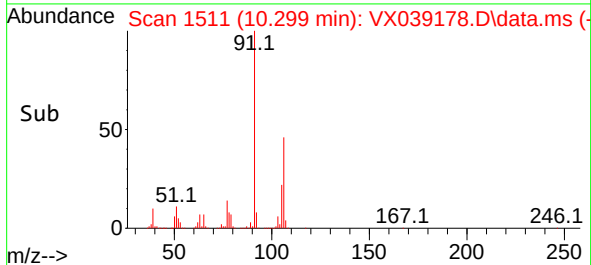
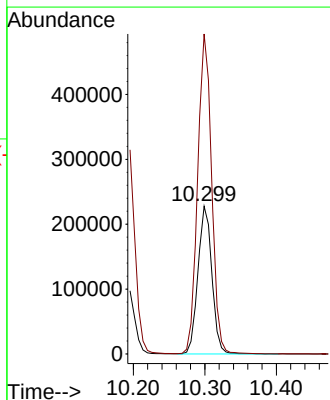
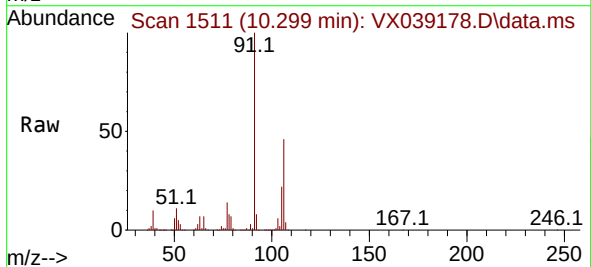
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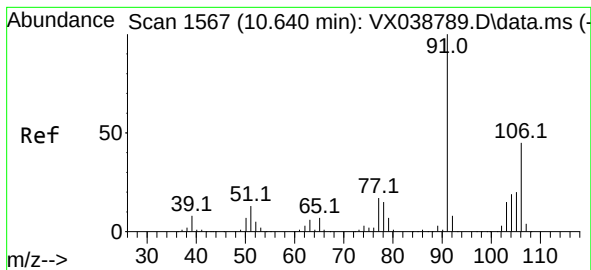
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#68
m/p-Xylenes
Concen: 104.327 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Tgt Ion:106 Resp: 307669
Ion Ratio Lower Upper
106 100
91 217.5 165.5 248.3





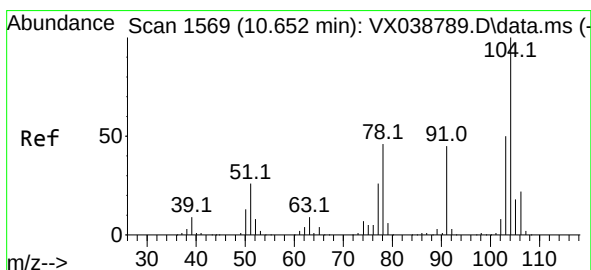
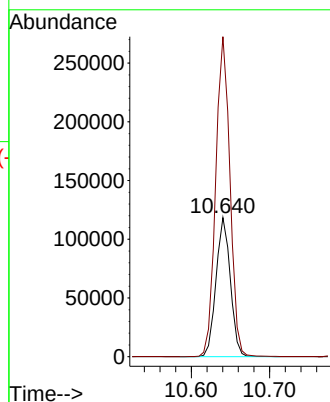
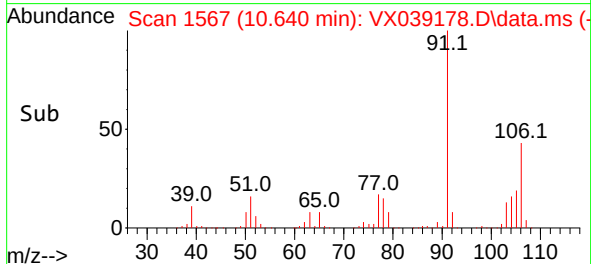
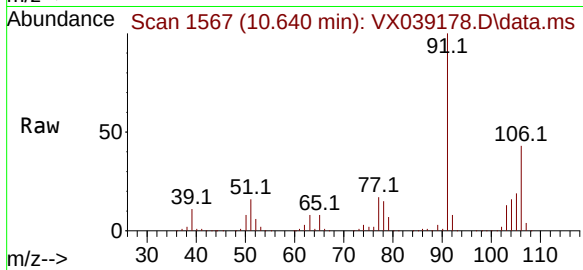
#69
o-Xylene
Concen: 51.514 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 15032
Ion Ratio Lower Upper
106 100
91 230.1 108.9 326.8

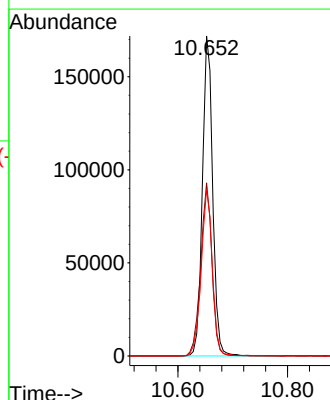
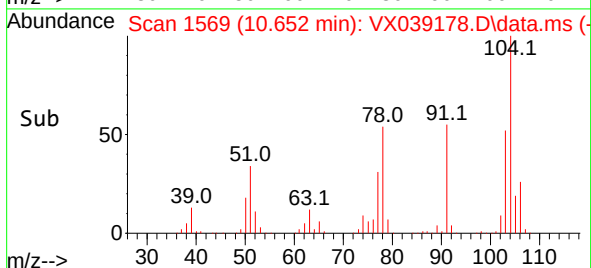
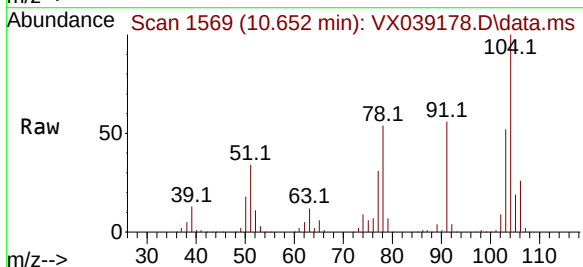
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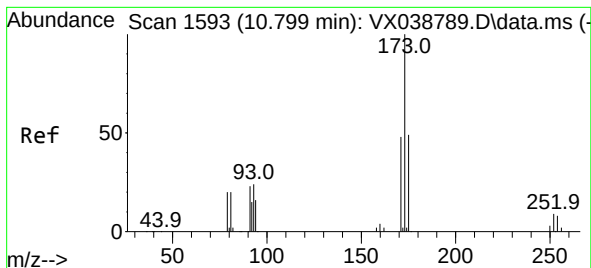
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#70
Styrene
Concen: 45.461 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Tgt Ion:104 Resp: 224041
Ion Ratio Lower Upper
104 100
78 59.4 43.6 65.4
103 56.7 43.6 65.4





#71

Bromoform

Concen: 50.352 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

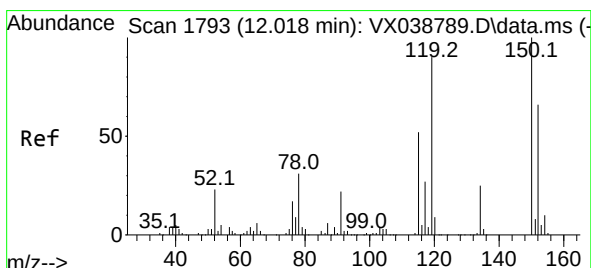
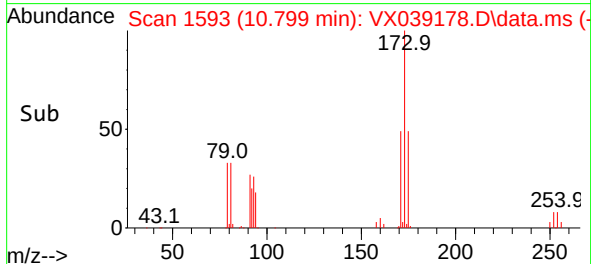
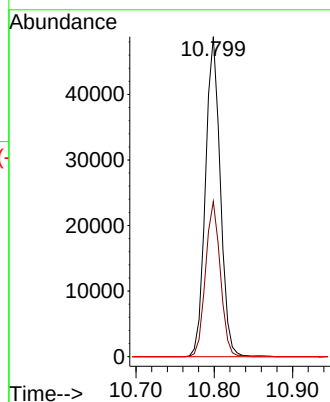
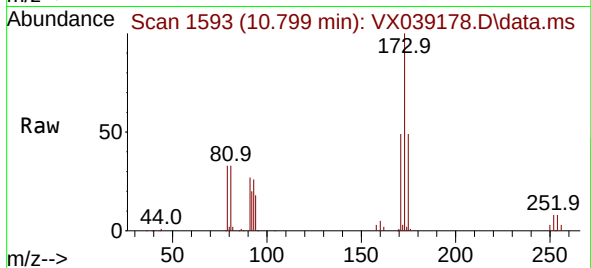
Tgt Ion:173 Resp: 6407
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

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Supervised By :Mahesh Dadoda 12/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

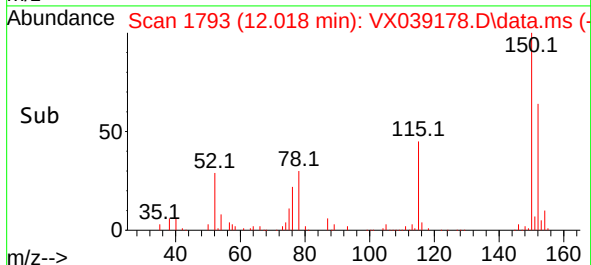
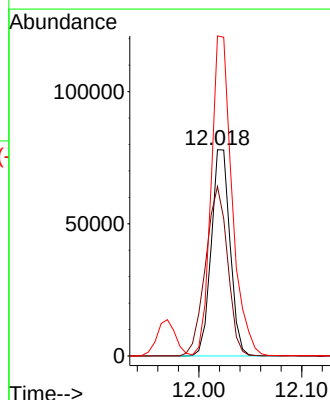
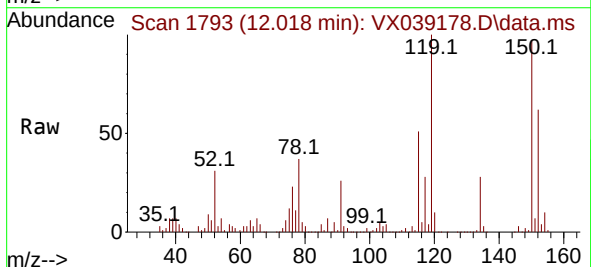
RT: 12.018 min Scan# 1793

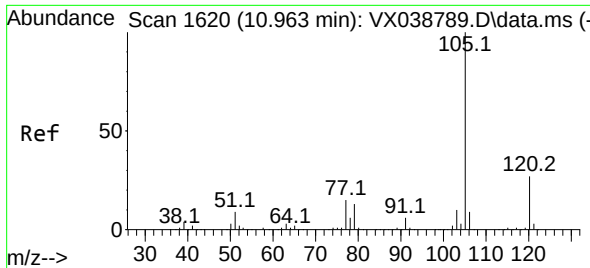
Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Tgt Ion:152 Resp: 98915
 Ion Ratio Lower Upper
 152 100
 115 96.4 43.3 129.9
 150 172.5 0.0 345.0





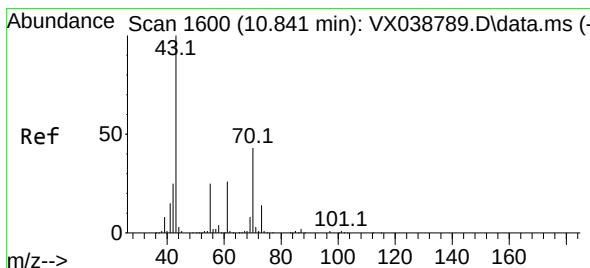
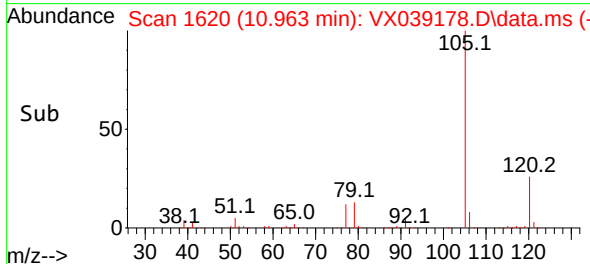
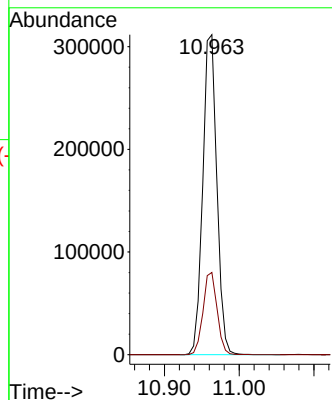
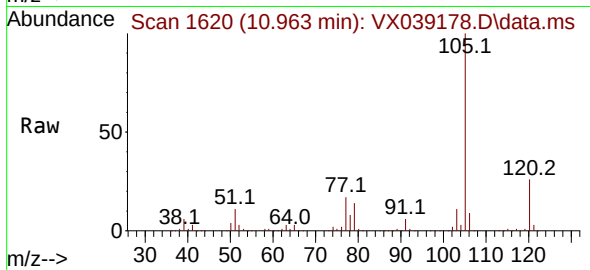
#73
Isopropylbenzene
Concen: 52.880 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 407540
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

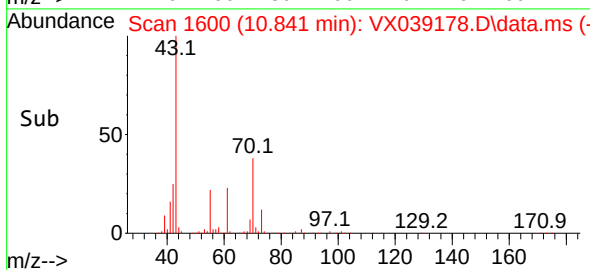
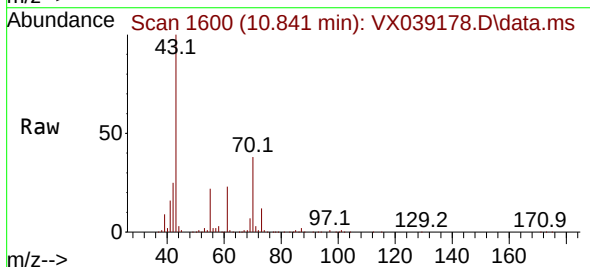
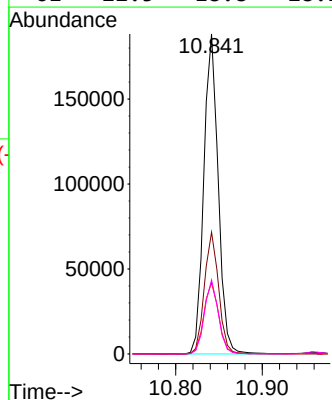
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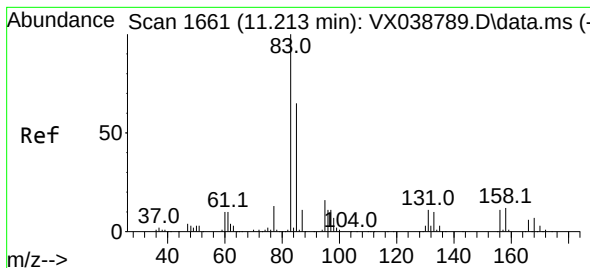
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#74
N-ethyl acetate
Concen: 53.295 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

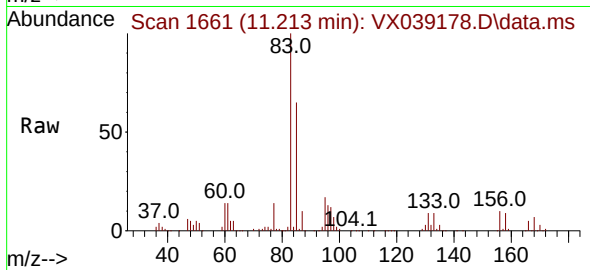
Tgt Ion: 43 Resp: 217123
Ion Ratio Lower Upper
43 100
70 37.9 32.9 49.3
55 23.0 19.3 28.9
61 22.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.117 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

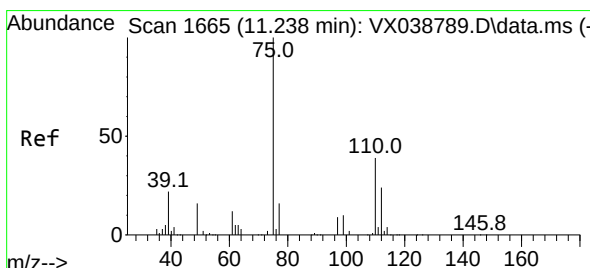
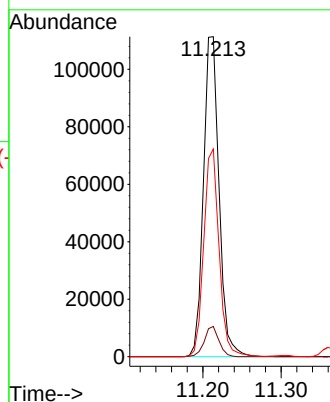
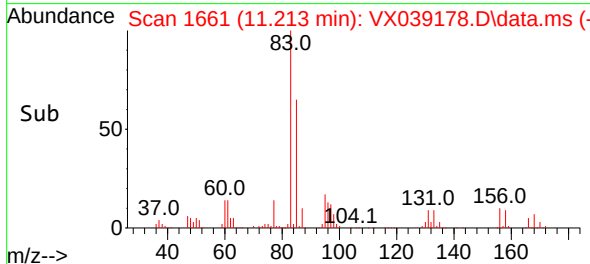
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



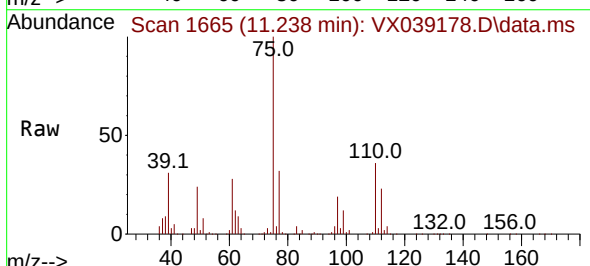
Tgt Ion: 83 Resp: 153789
Ion Ratio Lower Upper
83 100
131 8.9 5.3 15.8
85 63.6 32.0 96.2

Manual Integrations
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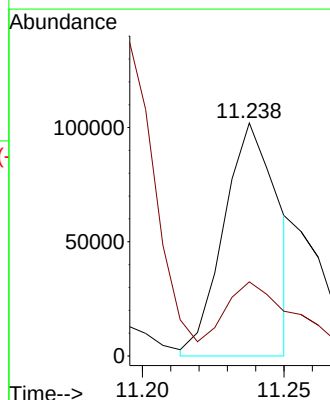
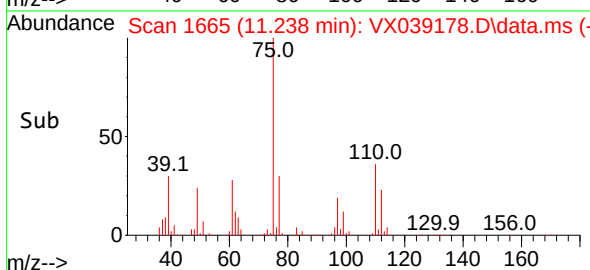
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

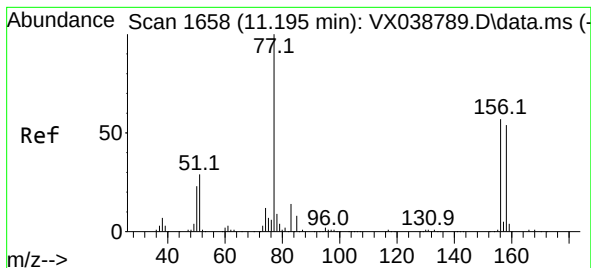


#76
1,2,3-Trichloropropane
Concen: 54.828 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00



Tgt Ion: 75 Resp: 135311
Ion Ratio Lower Upper
75 100
77 42.8 19.1 57.5





#77

Bromobenzene

Concen: 51.872 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

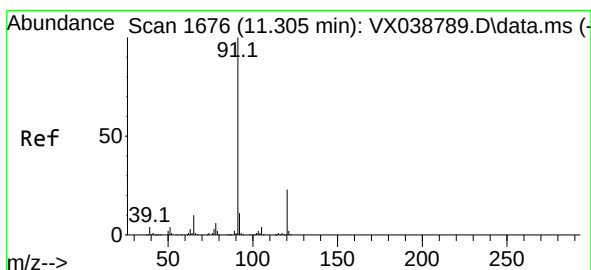
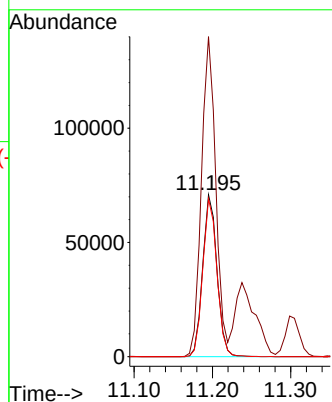
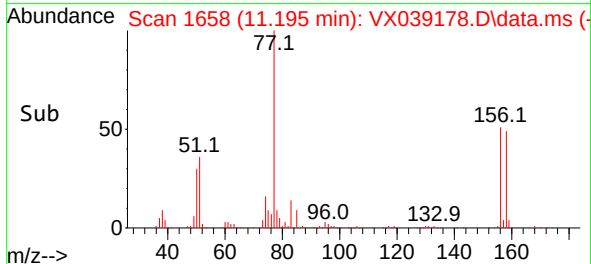
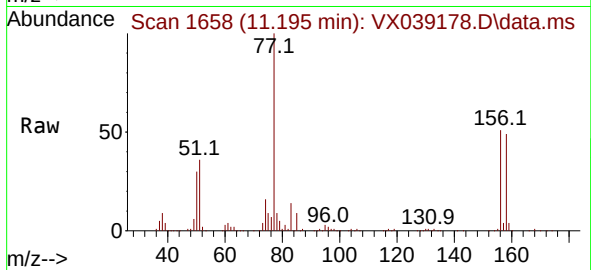
Tgt Ion:	156	Resp:	8982
Ion Ratio	Lower	Upper	
156	100		
77	198.3	88.4	265.3
158	96.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#78

n-propylbenzene

Concen: 52.442 ug/l

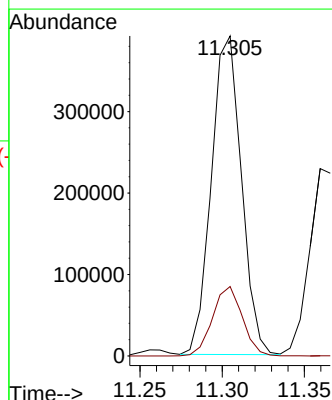
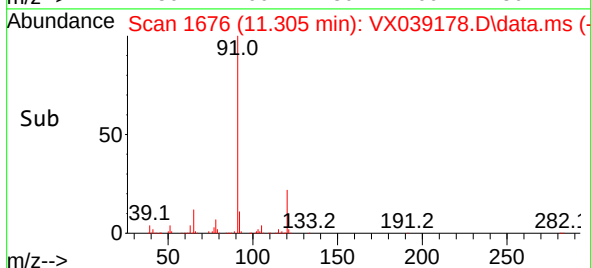
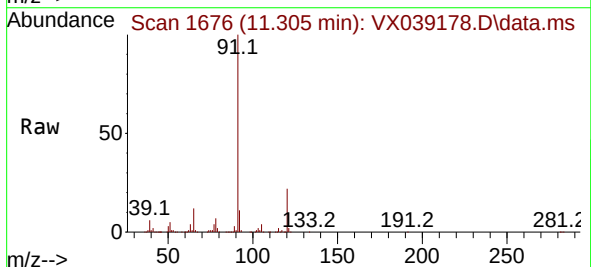
RT: 11.305 min Scan# 1676

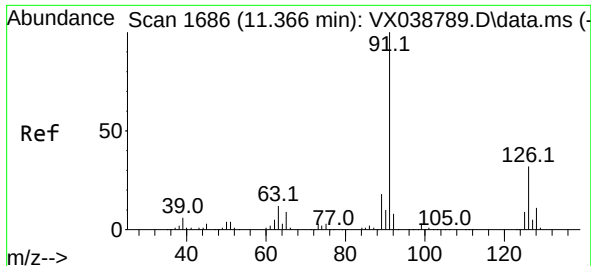
Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Tgt Ion:	91	Resp:	497483
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.5	34.4





#79

2-Chlorotoluene

Concen: 53.065 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 29874

Ion Ratio Lower Upper

91 100

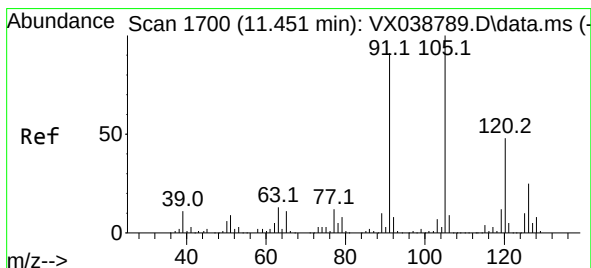
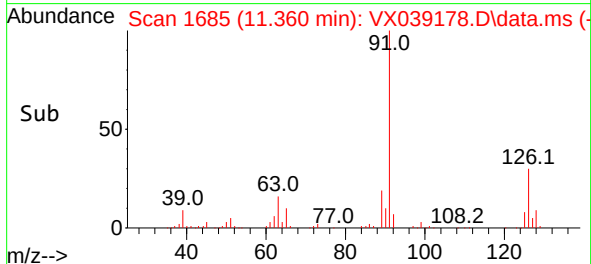
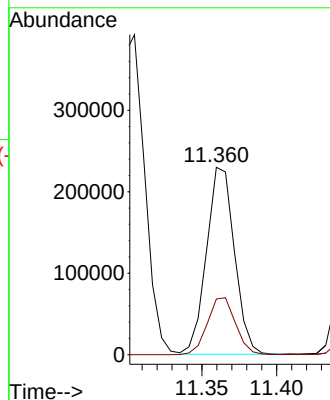
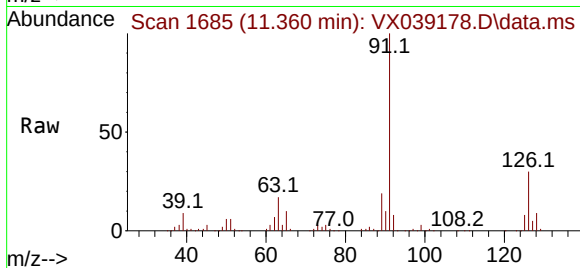
126 30.7 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#80

1,3,5-Trimethylbenzene

Concen: 53.908 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039178.D

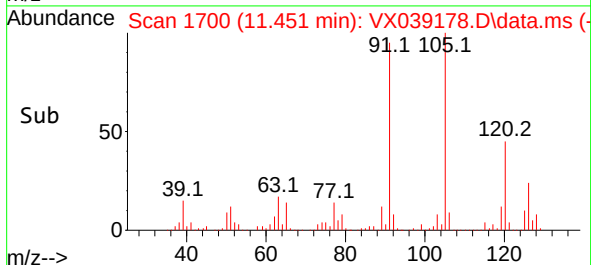
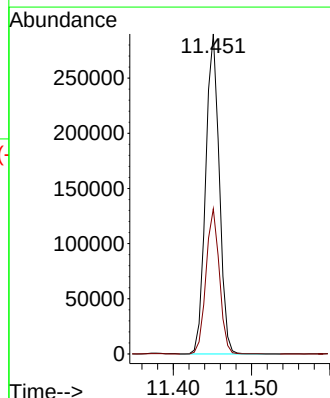
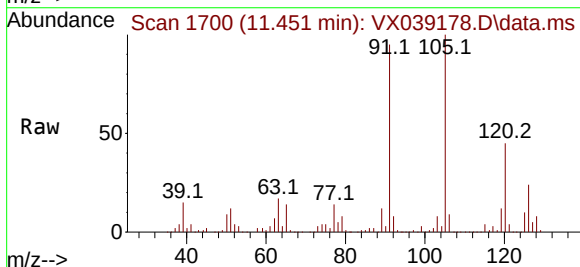
Acq: 12 Dec 2023 20:00

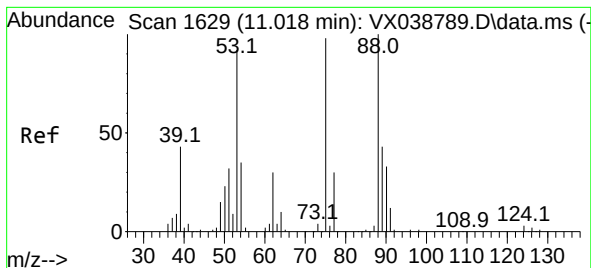
Tgt Ion:105 Resp: 349330

Ion Ratio Lower Upper

105 100

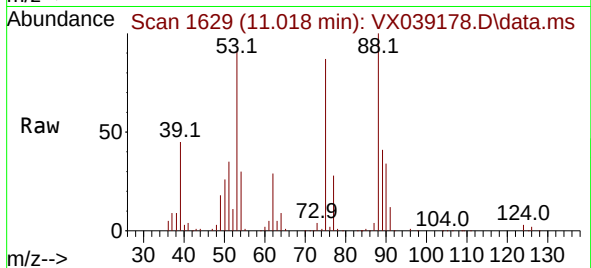
120 44.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 43.446 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

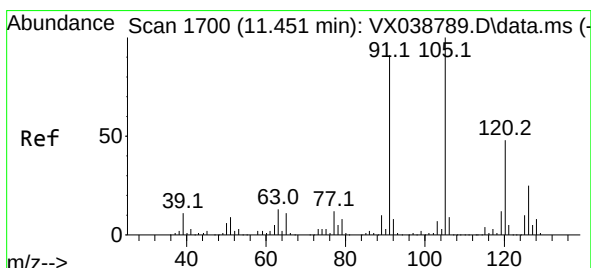
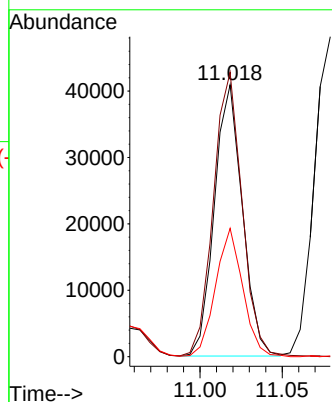
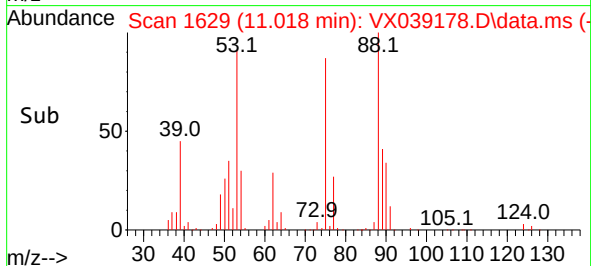
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



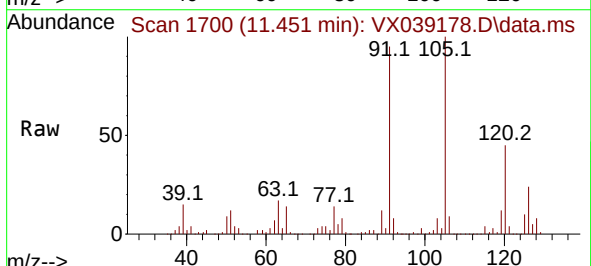
Tgt Ion: 75 Resp: 48339
Ion Ratio Lower Upper
75 100
53 107.9 90.5 135.7
89 46.1 36.9 55.3

Manual Integrations
APPROVED

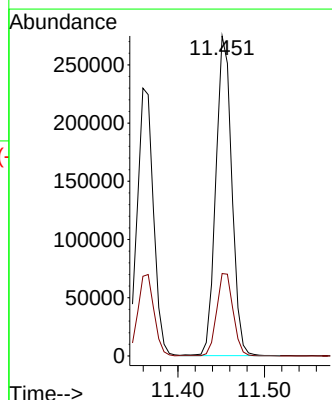
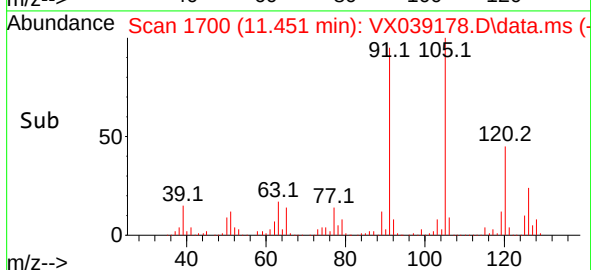
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

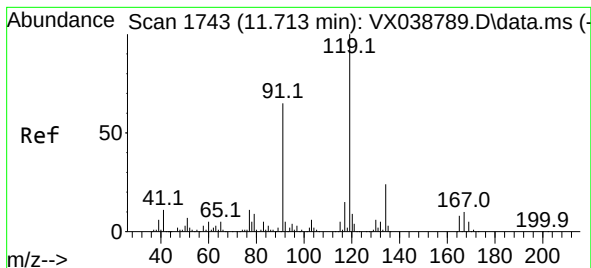


#82
4-Chlorotoluene
Concen: 54.157 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00



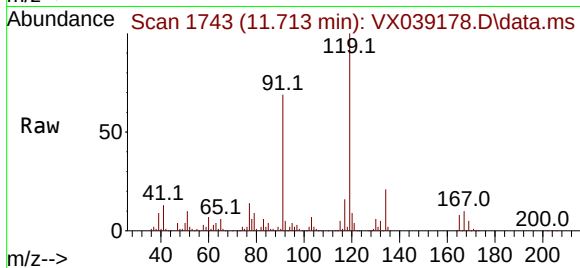
Tgt Ion: 91 Resp: 351558
Ion Ratio Lower Upper
91 100
126 26.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 52.191 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

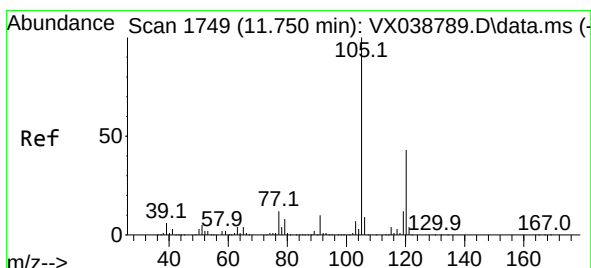
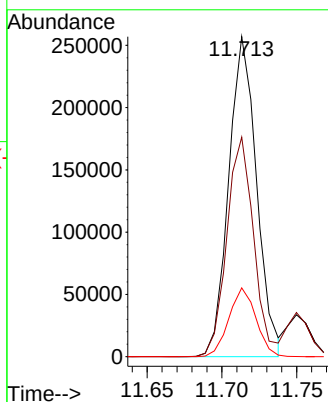
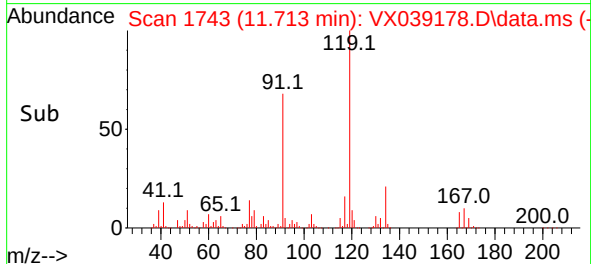
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 333084
Ion Ratio Lower Upper
119 100
91 66.3 31.2 93.6
134 21.0 11.7 35.0

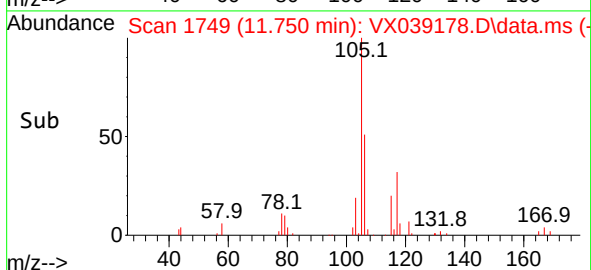
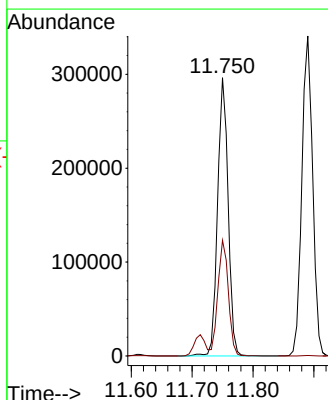
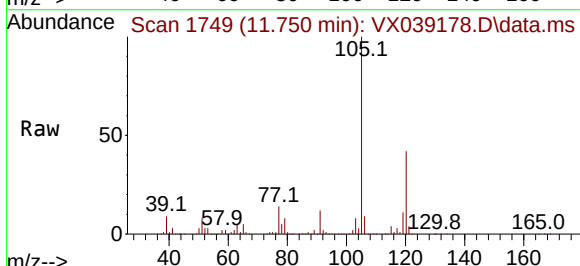
Manual Integrations
APPROVED

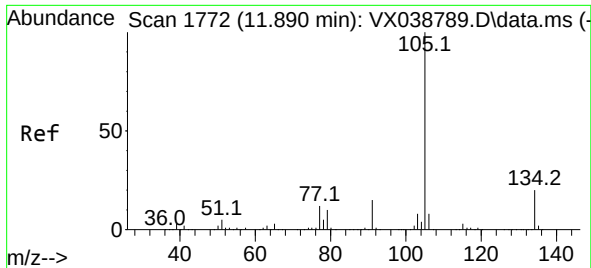
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 54.407 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Tgt Ion:105 Resp: 356847
Ion Ratio Lower Upper
105 100
120 41.8 21.2 63.6





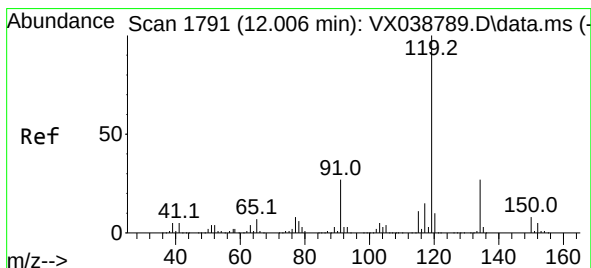
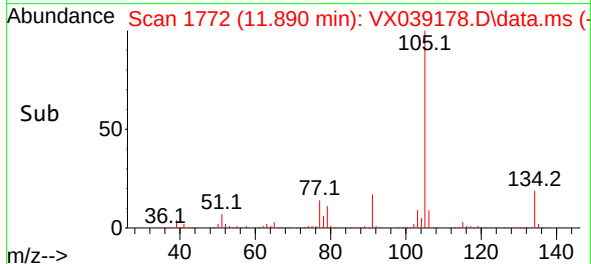
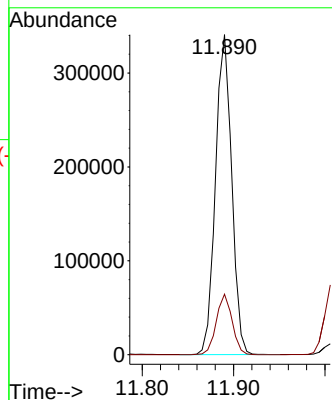
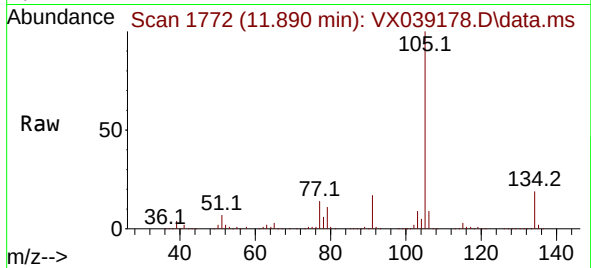
#85
 sec-Butylbenzene
 Concen: 50.148 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039178.D
 Acq: 12 Dec 2023 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 41863
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.8 29.4

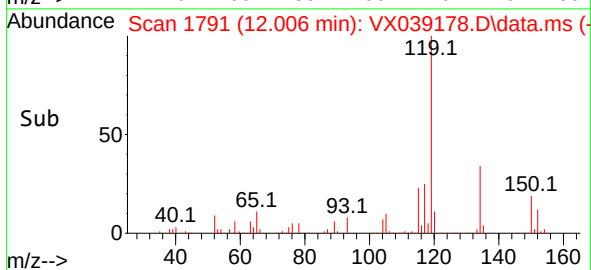
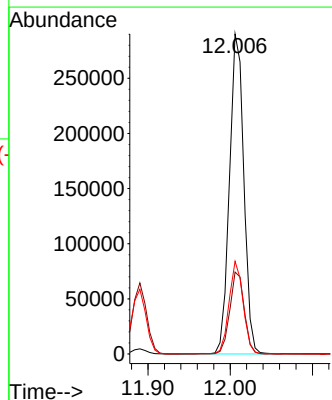
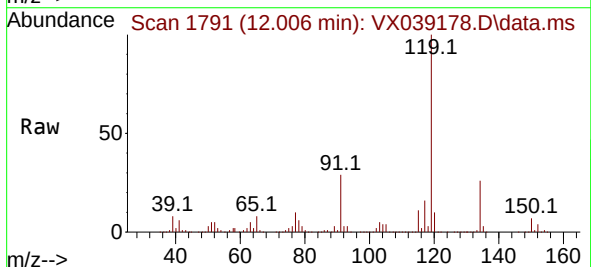
Manual Integrations
 APPROVED

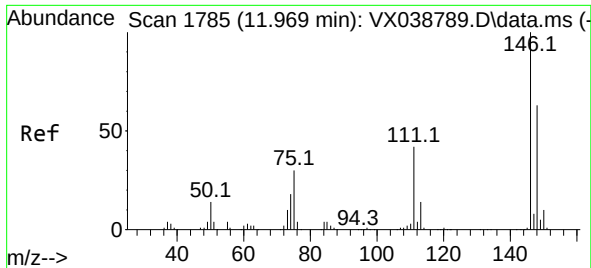
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#86
 p-Isopropyltoluene
 Concen: 52.564 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039178.D
 Acq: 12 Dec 2023 20:00

Tgt Ion:119 Resp: 352246
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 28.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.934 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 17272

Ion Ratio Lower Upper

146 100

111 46.6 22.1 66.1

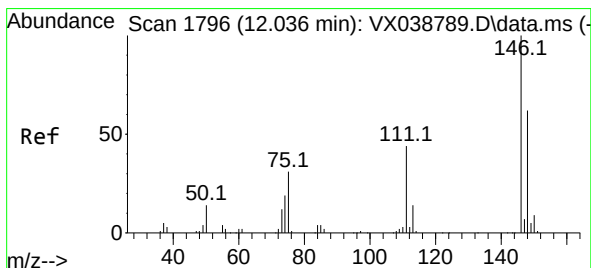
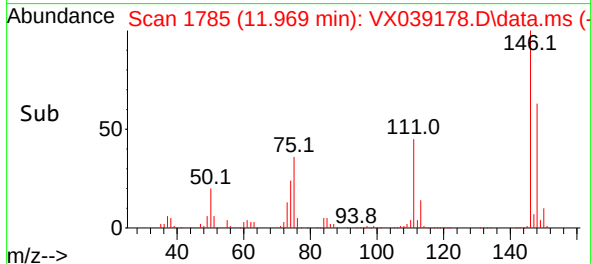
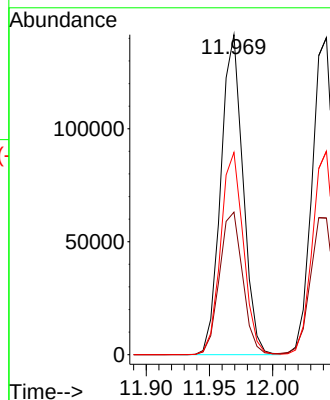
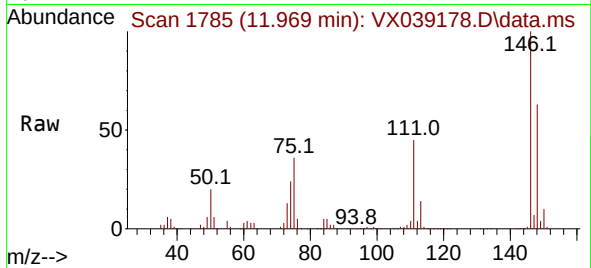
148 64.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#88

1,4-Dichlorobenzene

Concen: 50.106 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

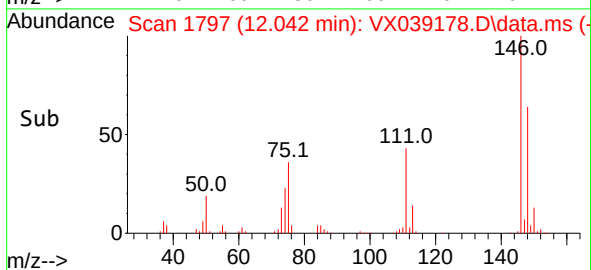
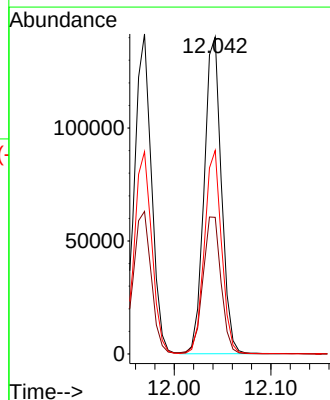
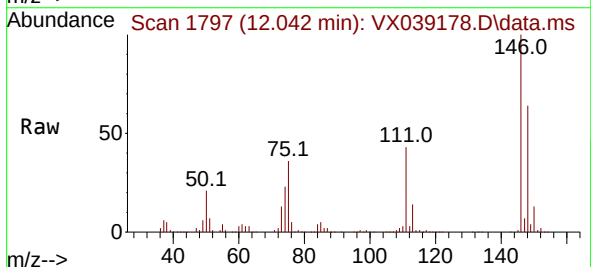
Tgt Ion:146 Resp: 173905

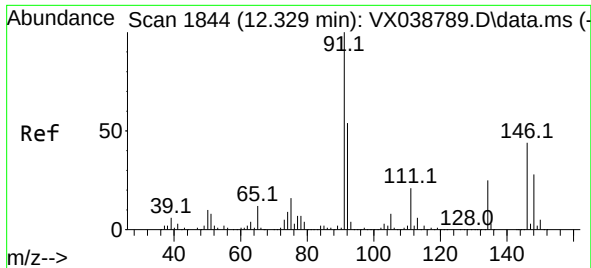
Ion Ratio Lower Upper

146 100

111 45.6 21.3 63.7

148 64.2 31.8 95.4





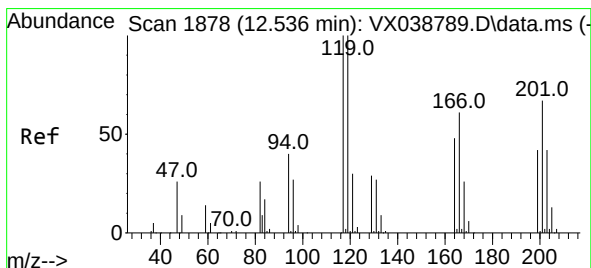
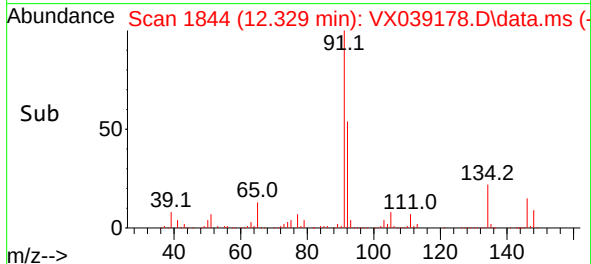
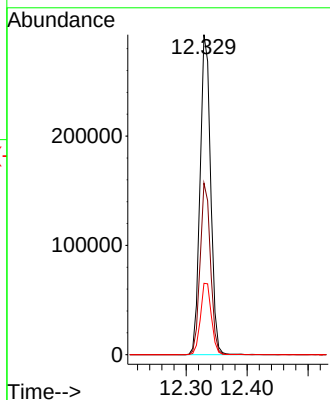
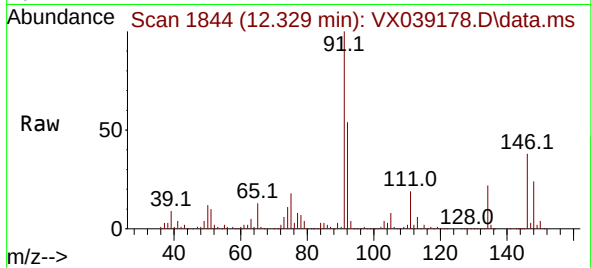
#89
n-Butylbenzene
Concen: 52.026 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 35175
Ion Ratio Lower Upper
91 100
92 52.8 27.4 82.0
134 23.1 12.6 37.8

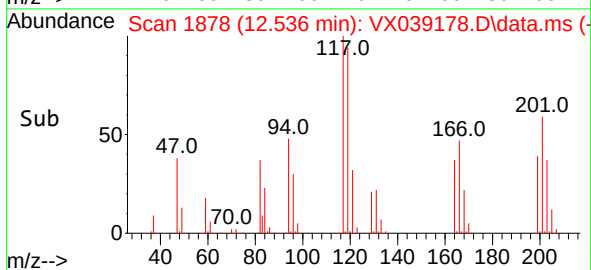
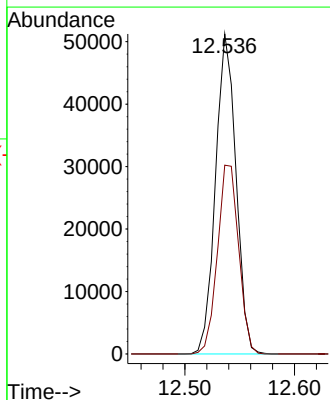
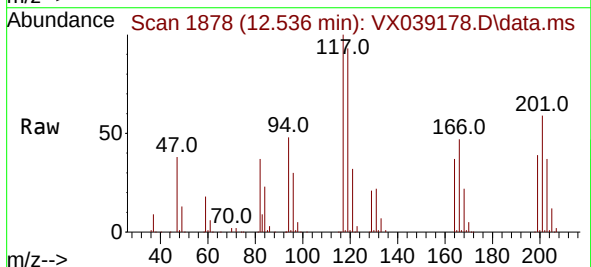
Manual Integrations
APPROVED

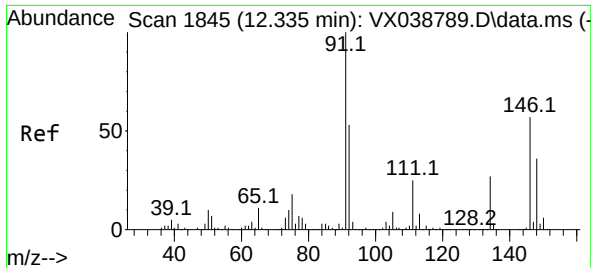
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#90
Hexachloroethane
Concen: 49.719 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

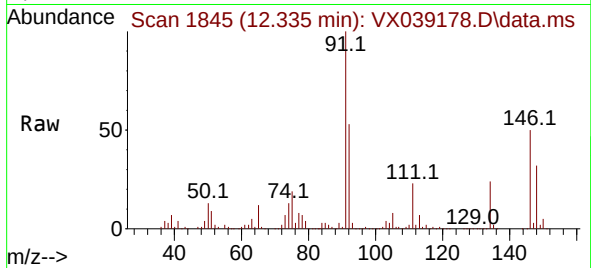
Tgt Ion:117 Resp: 66536
Ion Ratio Lower Upper
117 100
201 61.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.742 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

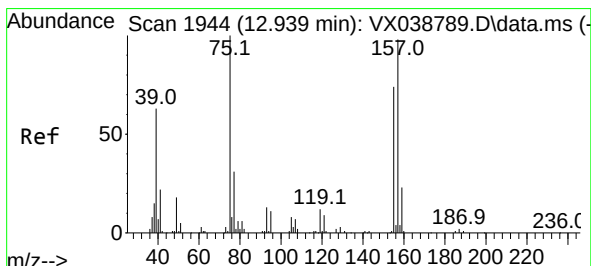
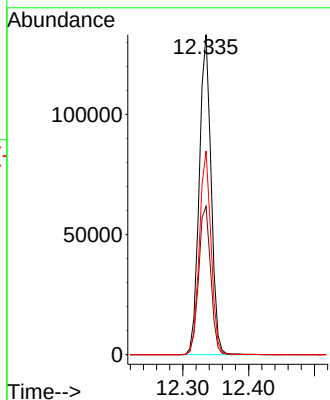
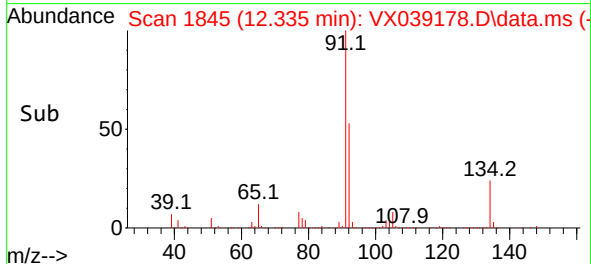
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



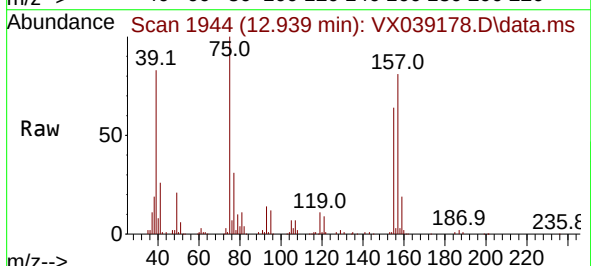
Tgt Ion:146 Resp: 16642
Ion Ratio Lower Upper
146 100
111 47.3 22.4 67.0
148 62.8 31.6 95.0

Manual Integrations
APPROVED

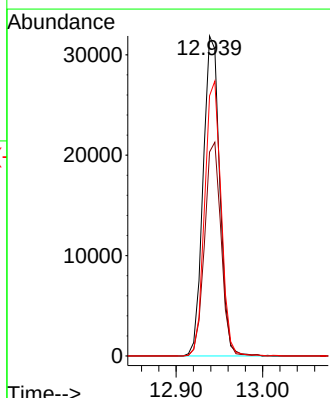
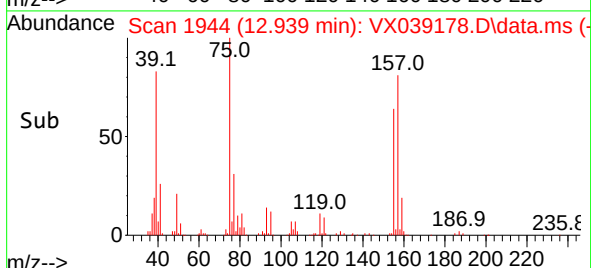
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

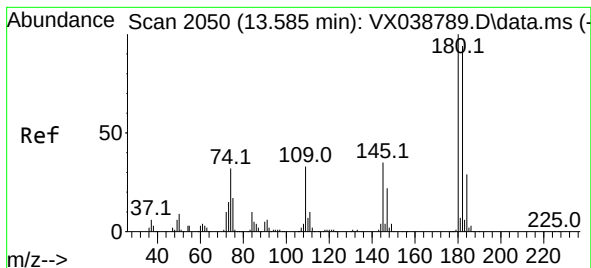


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.674 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00



Tgt Ion: 75 Resp: 42511
Ion Ratio Lower Upper
75 100
155 66.2 36.1 108.5
157 84.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.890 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 109684

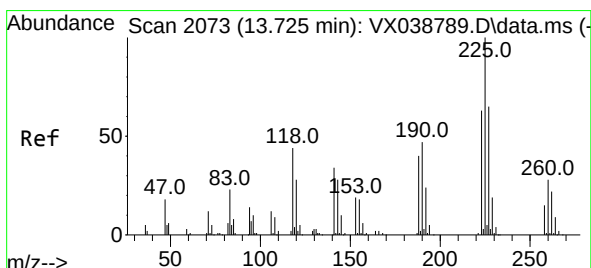
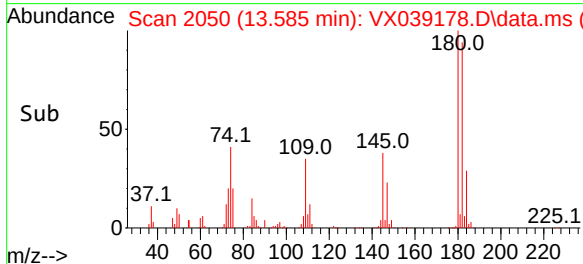
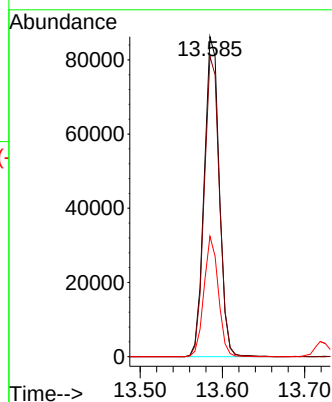
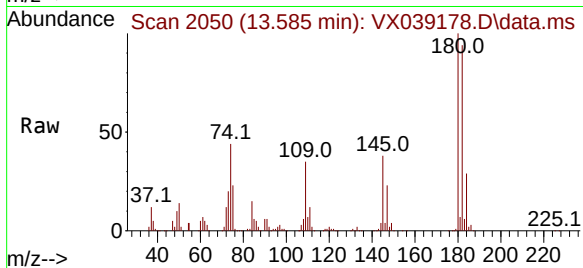
Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.3	144.8
145	35.9	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#94

Hexachlorobutadiene

Concen: 52.053 ug/l

RT: 13.725 min Scan# 2073

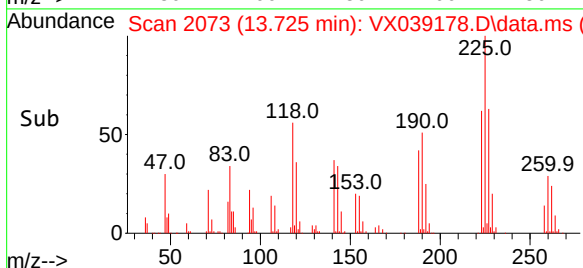
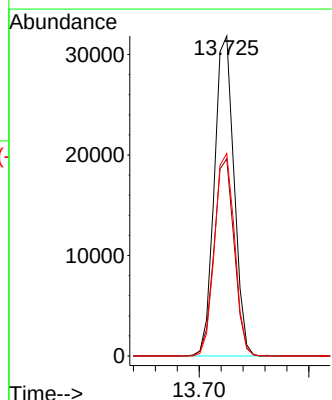
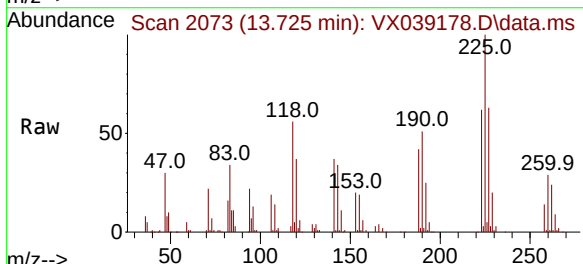
Delta R.T. 0.000 min

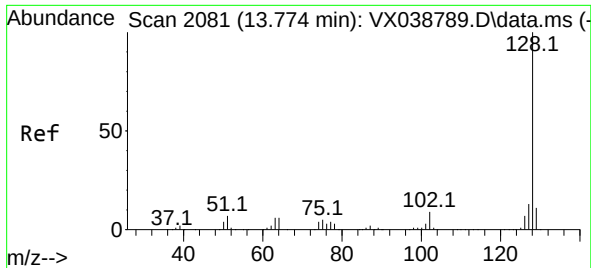
Lab File: VX039178.D

Acq: 12 Dec 2023 20:00

Tgt Ion:225 Resp: 39730

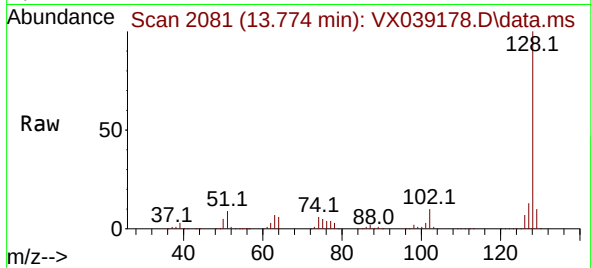
Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.1	93.2
227	64.4	32.5	97.5





#95
Naphthalene
Concen: 50.449 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00

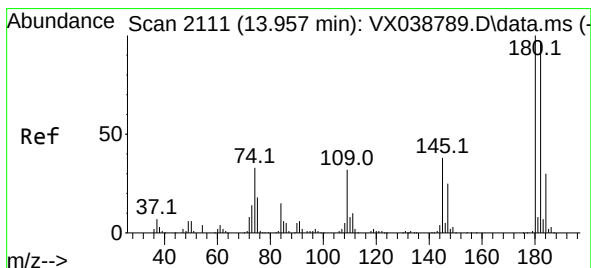
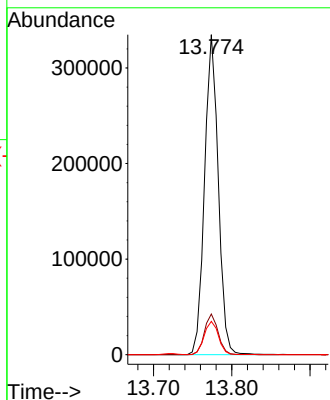
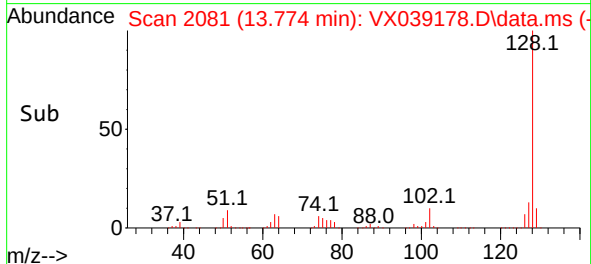
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



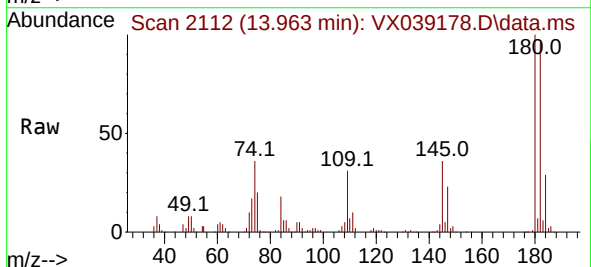
Tgt Ion:128 Resp: 404970
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.838 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039178.D
Acq: 12 Dec 2023 20:00



Tgt Ion:180 Resp: 105914
Ion Ratio Lower Upper
180 100
182 94.6 46.9 140.6
145 37.1 17.8 53.5

