

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037861.D
 Acq On : 21 Sep 2023 17:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 22 04:47:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/22/2023
 Supervised By : Mahesh Dadoda 09/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	226683	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	373274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151661	50.923	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.840%			
35) Dibromofluoromethane	5.391	113	130624	52.300	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.600%			
50) Toluene-d8	8.647	98	478404	51.552	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.100%			
62) 4-Bromofluorobenzene	11.079	95	188573	55.920	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	108549	45.431	ug/l	97
3) Chloromethane	1.301	50	114911	44.202	ug/l	98
4) Vinyl Chloride	1.374	62	129294	46.101	ug/l	99
5) Bromomethane	1.599	94	100922	50.265	ug/l	99
6) Chloroethane	1.685	64	86512	44.776	ug/l	96
7) Trichlorofluoromethane	1.886	101	217974	48.343	ug/l	99
8) Diethyl Ether	2.136	74	83521	47.812	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	112507	49.167	ug/l	95
10) Methyl Iodide	2.453	142	137265	45.329	ug/l	93
11) Tert butyl alcohol	2.959	59	134074	209.727	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	106966	48.368	ug/l	85
13) Acrolein	2.233	56	150112	237.689	ug/l	99
14) Allyl chloride	2.666	41	169320	45.970	ug/l	# 96
15) Acrylonitrile	3.062	53	333811	234.855	ug/l	99
16) Acetone	2.380	43	280321	195.655	ug/l	91
17) Carbon Disulfide	2.514	76	237243	42.788	ug/l	99
18) Methyl Acetate	2.703	43	244303	47.268	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	393319	48.348	ug/l	97
20) Methylene Chloride	2.788	84	132777	50.127	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	118944	48.436	ug/l	88
22) Diisopropyl ether	3.764	45	374968	48.874	ug/l	86
23) Vinyl Acetate	3.721	43	1367616	242.343	ug/l	95
24) 1,1-Dichloroethane	3.611	63	221624	48.205	ug/l	97
25) 2-Butanone	4.556	43	442685	218.954	ug/l	# 89
26) 2,2-Dichloropropane	4.477	77	174588	46.997	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	147110	48.865	ug/l	89
28) Bromochloromethane	4.897	49	100093	46.667	ug/l	# 80
29) Tetrahydrofuran	5.007	42	283360	225.317	ug/l	88
30) Chloroform	5.099	83	243591	49.184	ug/l	100
31) Cyclohexane	5.471	56	179052	46.840	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	207119	49.390	ug/l	98
36) 1,1-Dichloropropene	5.696	75	169021	49.126	ug/l	96
37) Ethyl Acetate	4.715	43	176215	46.588	ug/l	96
38) Carbon Tetrachloride	5.684	117	179487	49.859	ug/l	98
39) Methylcyclohexane	7.385	83	210838	48.283	ug/l	91
40) Benzene	6.044	78	512374	48.428	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	91592	47.491	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	187261	48.970	ug/l	96
43) Isopropyl Acetate	6.342	43	288522	47.705	ug/l #	95
44) Trichloroethene	7.129	130	140667	47.741	ug/l	93
45) 1,2-Dichloropropane	7.434	63	133537	48.601	ug/l	99
46) Dibromomethane	7.580	93	99028	50.103	ug/l	92
47) Bromodichloromethane	7.824	83	185454	50.947	ug/l	97
48) Methyl methacrylate	7.696	41	137848	47.678	ug/l #	86
49) 1,4-Dioxane	7.659	88	68168	899.337	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	908716	236.813	ug/l	94
52) Toluene	8.720	92	334170	49.008	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	198706	52.207	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	213467	50.676	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	145764	50.703	ug/l	95
56) Ethyl methacrylate	9.116	69	216087	50.349	ug/l	90
57) 1,3-Dichloropropane	9.311	76	232324	49.940	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	488785	243.897	ug/l	98
59) 2-Hexanone	9.433	43	699723	234.201	ug/l	93
60) Dibromochloromethane	9.525	129	150097	52.410	ug/l	99
61) 1,2-Dibromoethane	9.610	107	155598	51.119	ug/l	100
64) Tetrachloroethene	9.275	164	117443	47.544	ug/l	98
65) Chlorobenzene	10.079	112	369893	47.344	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	137149	49.535	ug/l	98
67) Ethyl Benzene	10.195	91	657455	48.537	ug/l	99
68) m/p-Xylenes	10.305	106	512897	97.990	ug/l	98
69) o-Xylene	10.640	106	252119	48.034	ug/l	98
70) Styrene	10.653	104	432048	51.274	ug/l	96
71) Bromoform	10.799	173	114037	52.138	ug/l #	100
73) Isopropylbenzene	10.963	105	671014	44.155	ug/l	98
74) N-amyl acetate	10.842	43	272773	44.321	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	237402	44.419	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	208098m	43.436	ug/l	
77) Bromobenzene	11.195	156	171020	45.468	ug/l	88
78) n-propylbenzene	11.305	91	796951	46.436	ug/l	99
79) 2-Chlorotoluene	11.366	91	467824	44.209	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	581776	45.332	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	67267	44.977	ug/l	89
82) 4-Chlorotoluene	11.457	91	549827	46.152	ug/l	96
83) tert-Butylbenzene	11.713	119	592940	45.714	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	581614	45.550	ug/l	97
85) sec-Butylbenzene	11.890	105	739991	47.026	ug/l	99
86) p-Isopropyltoluene	12.012	119	627137	47.835	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	331360	47.260	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	333139	46.432	ug/l	97
89) n-Butylbenzene	12.335	91	589381	51.317	ug/l	97
90) Hexachloroethane	12.536	117	105212	47.364	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	330276	46.137	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49076	46.065	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	223925	53.103	ug/l	97
94) Hexachlorobutadiene	13.725	225	100866	51.222	ug/l	97
95) Naphthalene	13.774	128	704554	49.404	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	217583	50.140	ug/l	98

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VSTDCCC050EC

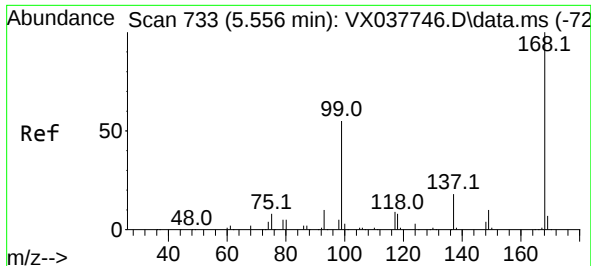
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/22/2023

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Response via : Initial Calibration

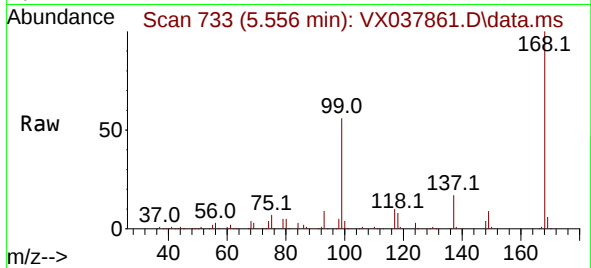
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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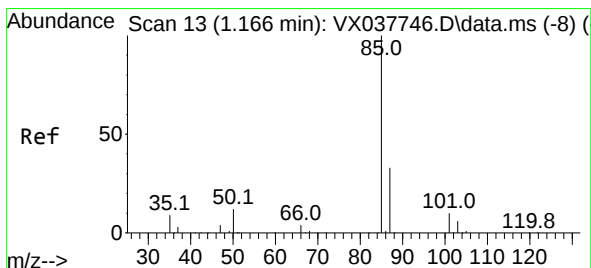
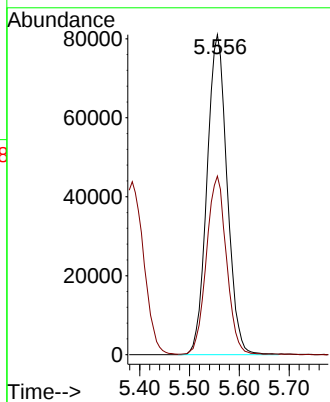
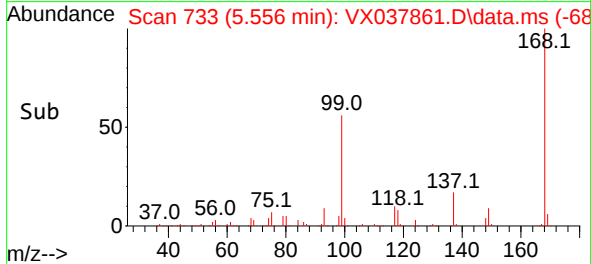
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 22668
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0

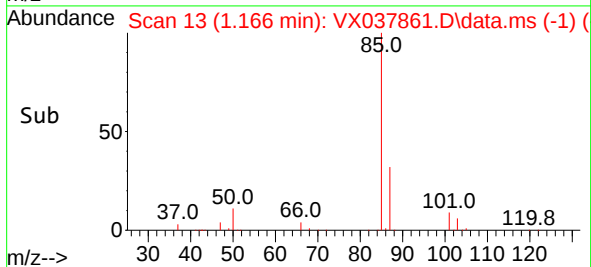
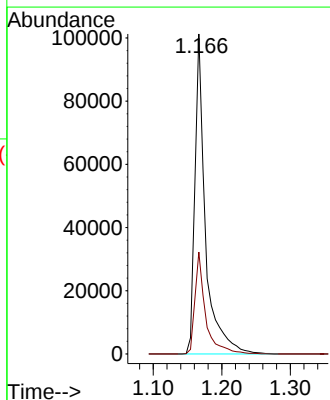
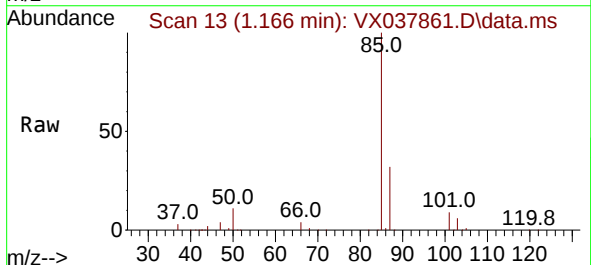
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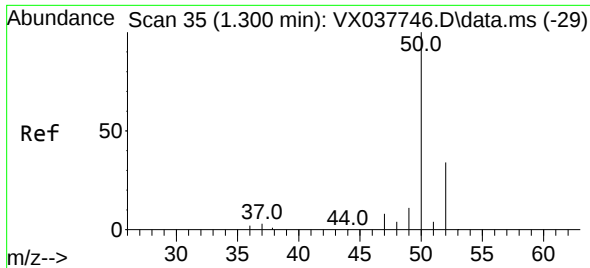
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#2
Dichlorodifluoromethane
Concen: 45.431 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

Tgt Ion: 85 Resp: 108549
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1





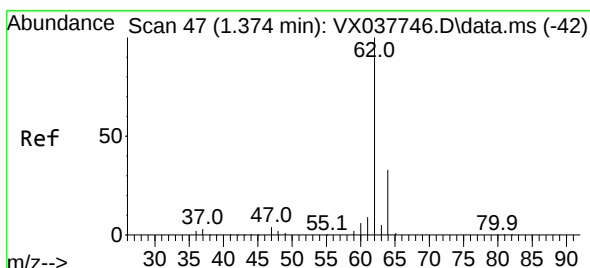
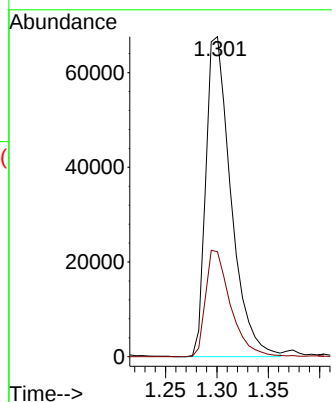
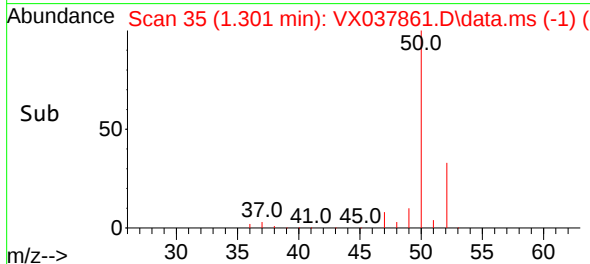
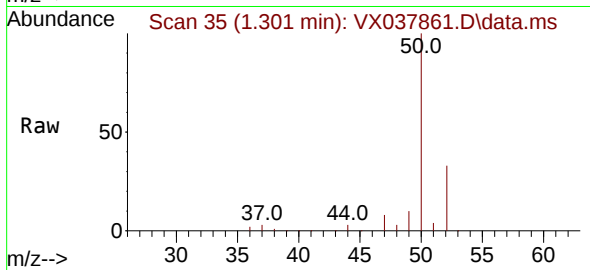
#3
Chloromethane
Concen: 44.202 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

Instrument :
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Tgt Ion: 50 Resp: 11491
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

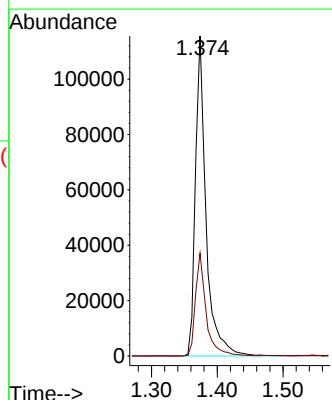
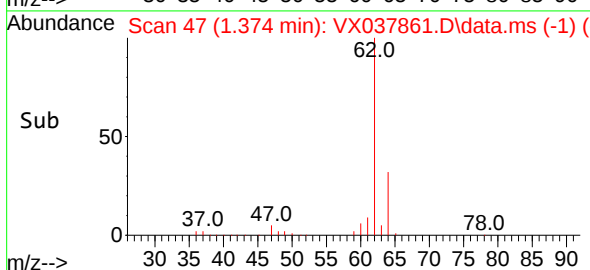
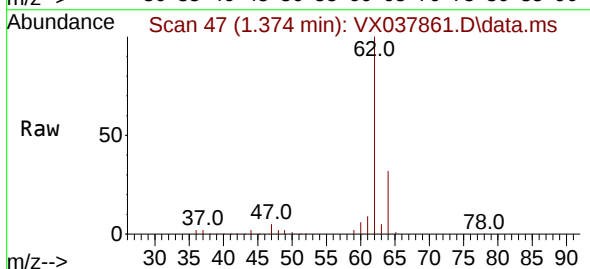
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#4
Vinyl Chloride
Concen: 46.101 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

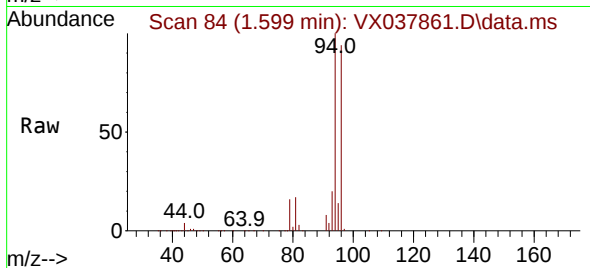
Tgt Ion: 62 Resp: 129294
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 50.265 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

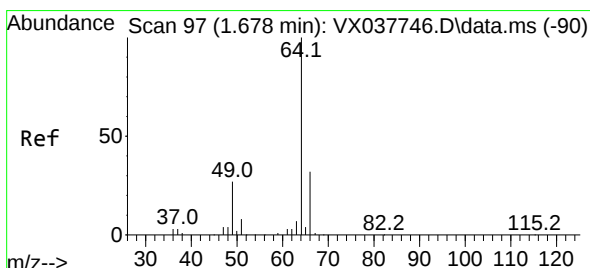
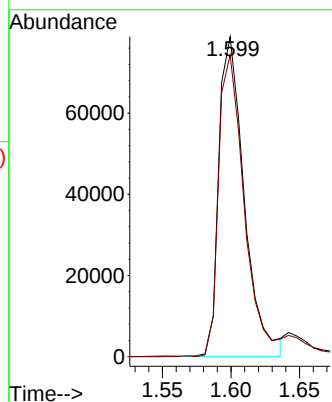
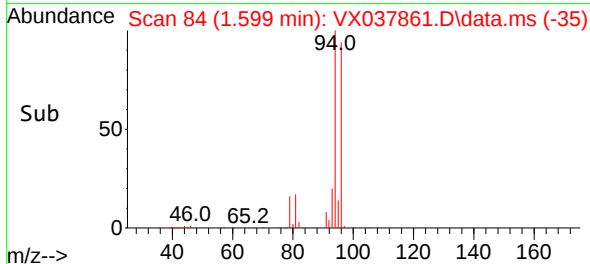
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 100922
Ion Ratio Lower Upper
94 100
96 94.2 74.6 111.8

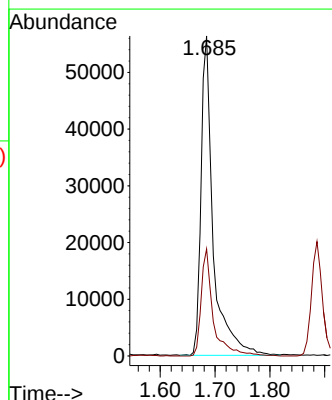
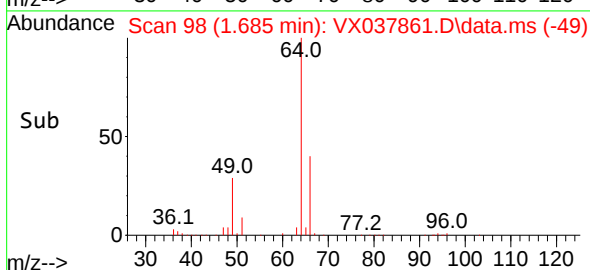
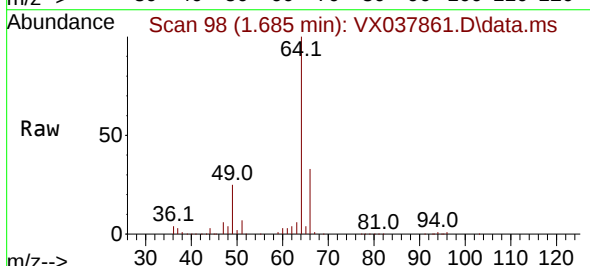
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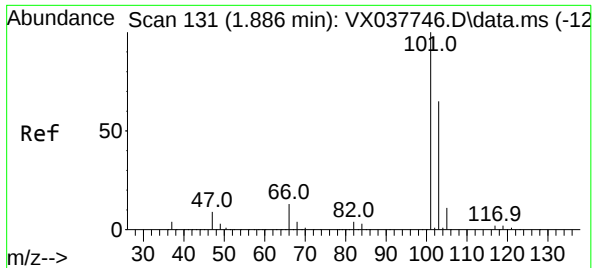
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#6
Chloroethane
Concen: 44.776 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

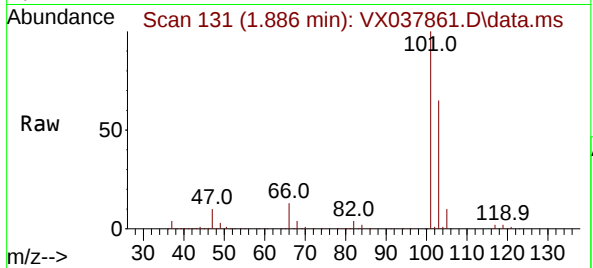
Tgt Ion: 64 Resp: 86512
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 48.343 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

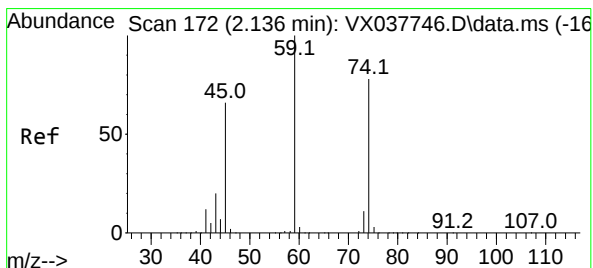
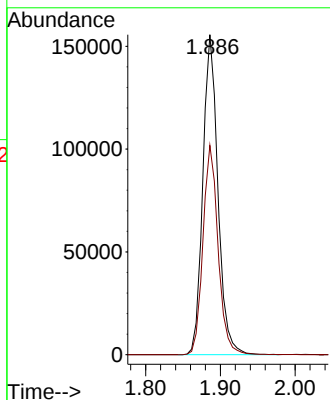
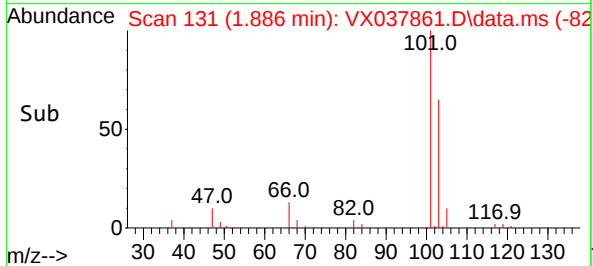
Instrument :
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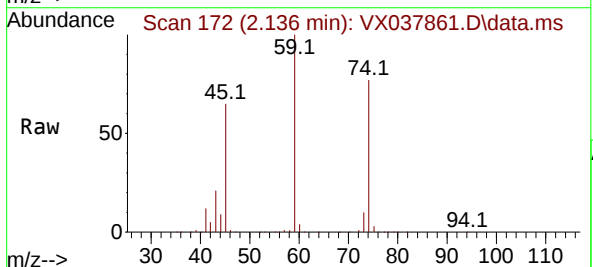
Tgt Ion:101 Resp: 217974
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

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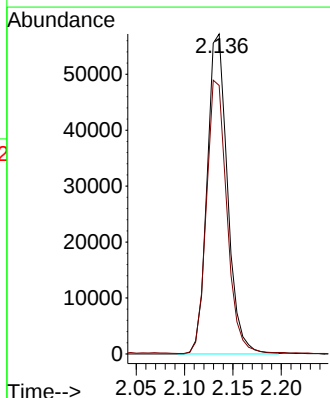
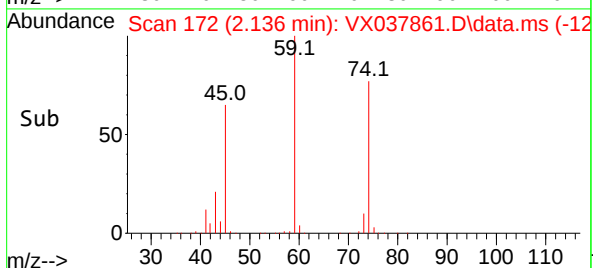
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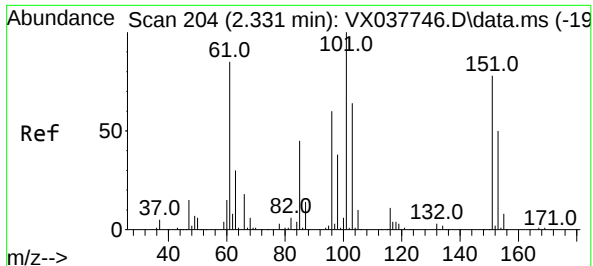


#8
Diethyl Ether
Concen: 47.812 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX037861.D
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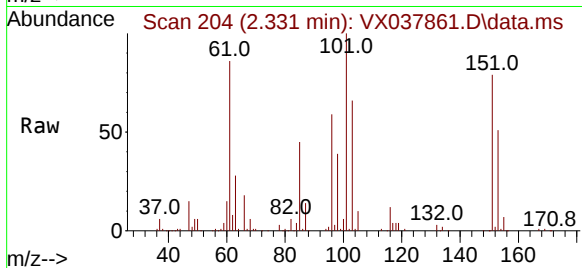
Tgt Ion: 74 Resp: 83521
Ion Ratio Lower Upper
74 100
45 86.9 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.167 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037861.D
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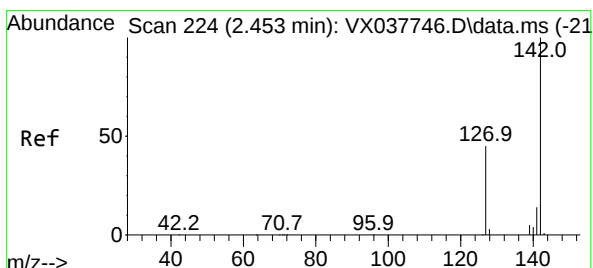
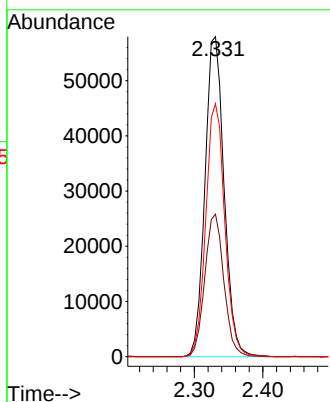
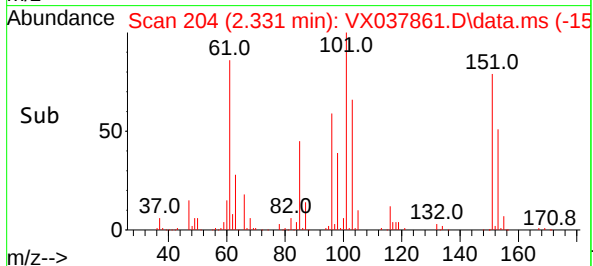
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 11250
Ion Ratio Lower Upper
101 100
85 44.4 37.0 55.6
151 78.5 58.6 87.8

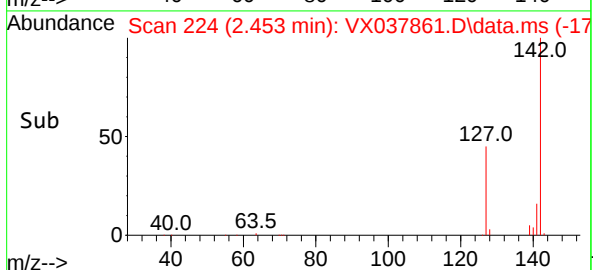
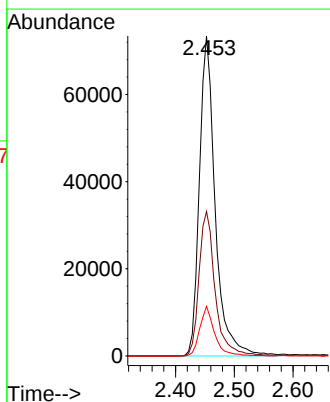
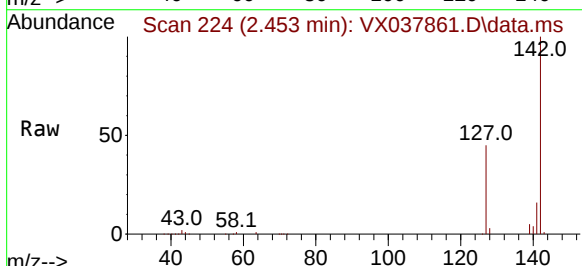
Manual Integrations
APPROVED

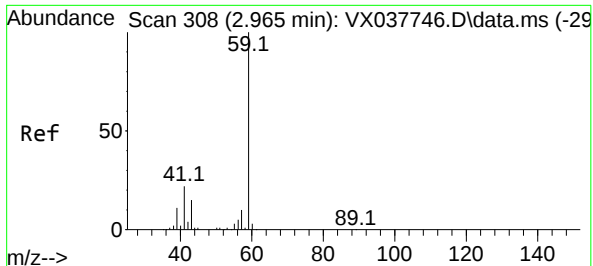
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#10
Methyl Iodide
Concen: 45.329 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

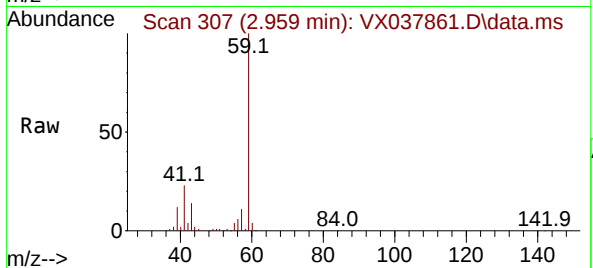
Tgt Ion:142 Resp: 137265
Ion Ratio Lower Upper
142 100
127 46.1 41.6 62.4
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 209.727 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

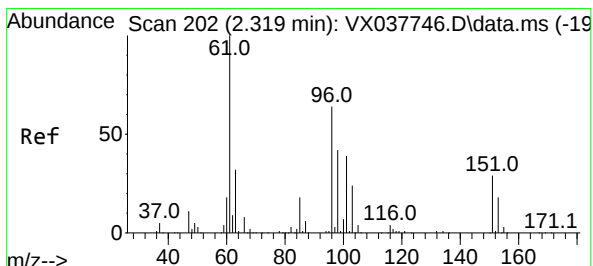
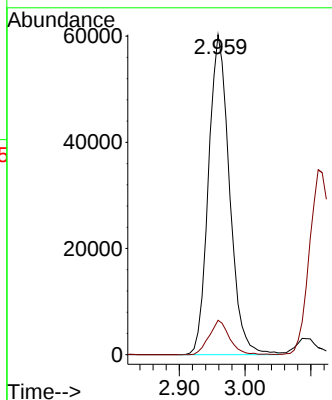
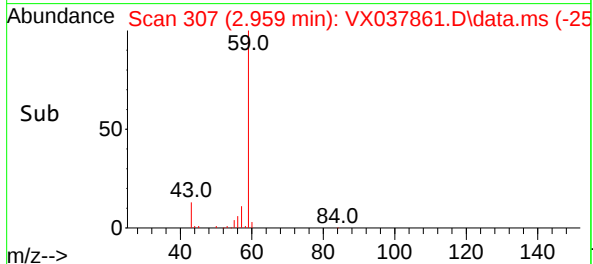
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



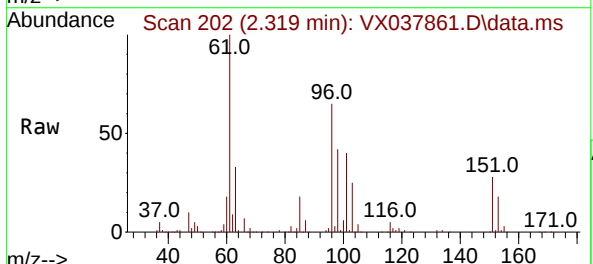
Tgt Ion: 59 Resp: 134074
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

Manual Integrations
APPROVED

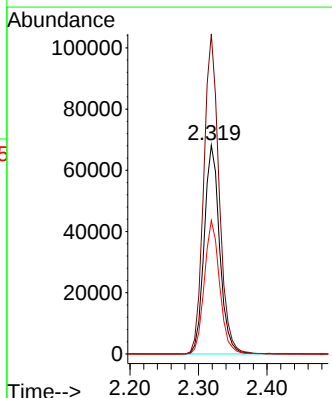
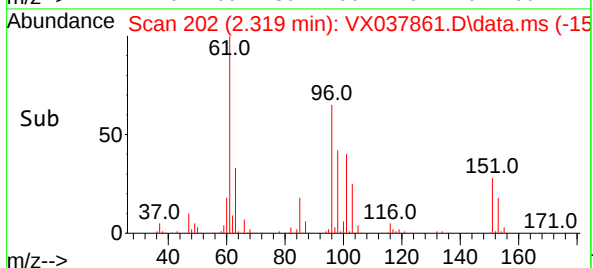
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

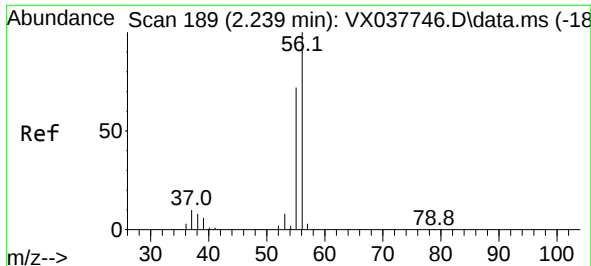


#12
1,1-Dichloroethene
Concen: 48.368 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32



Tgt Ion: 96 Resp: 106966
Ion Ratio Lower Upper
96 100
61 153.3 144.6 216.8
98 64.0 50.4 75.6





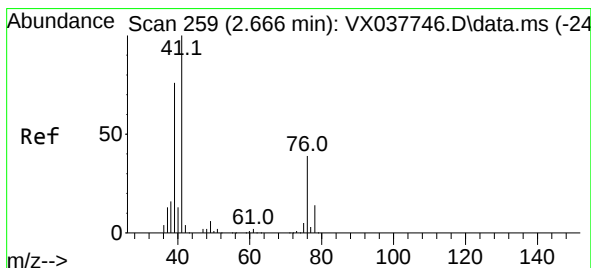
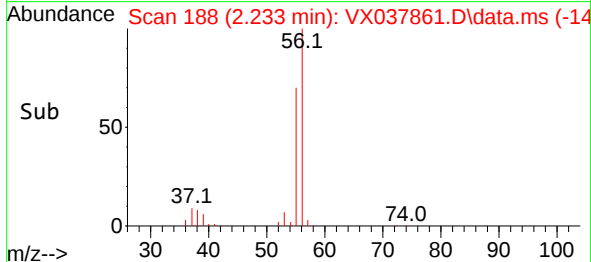
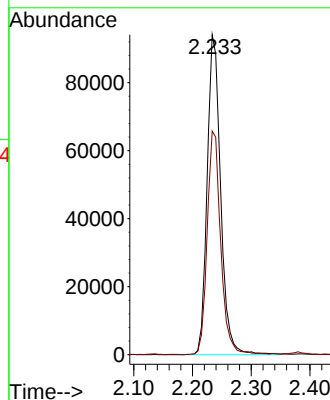
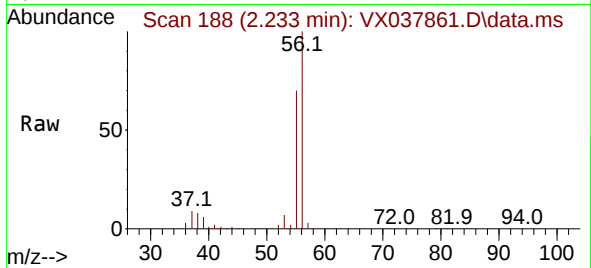
#13
Acrolein
Concen: 237.689 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 150112
Ion Ratio Lower Upper
56 100
55 70.3 57.1 85.7

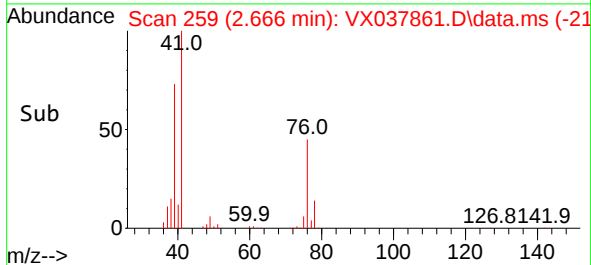
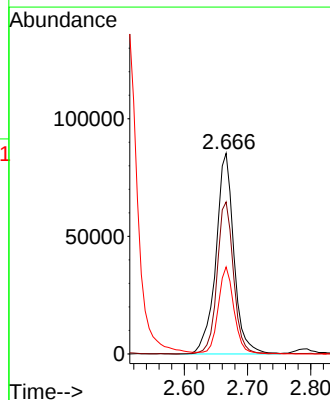
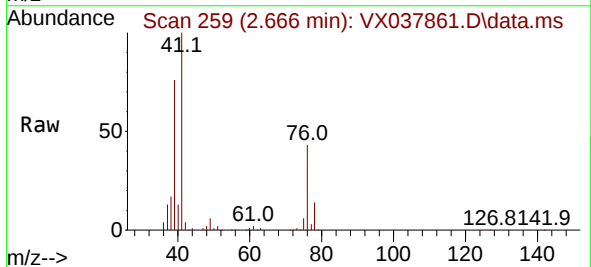
Manual Integrations
APPROVED

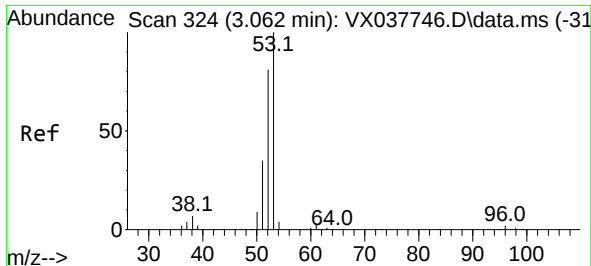
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#14
Allyl chloride
Concen: 45.970 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

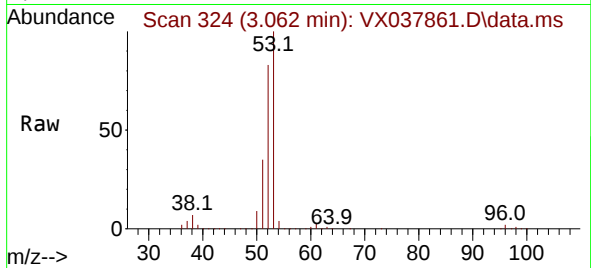
Tgt Ion: 41 Resp: 169320
Ion Ratio Lower Upper
41 100
39 69.1 55.8 83.6
76 37.5 24.3 36.5





#15
Acrylonitrile
Concen: 234.855 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

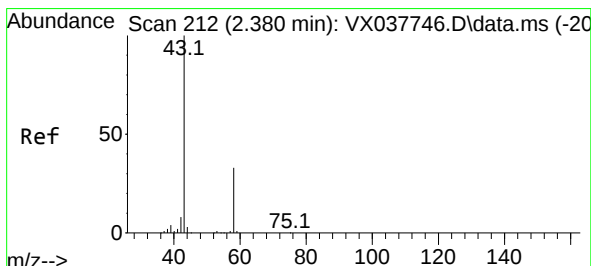
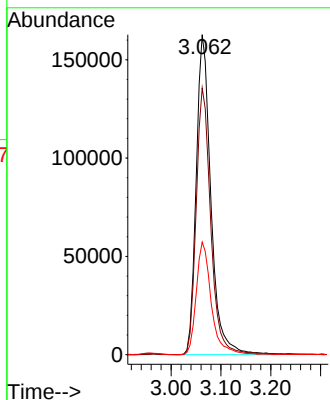
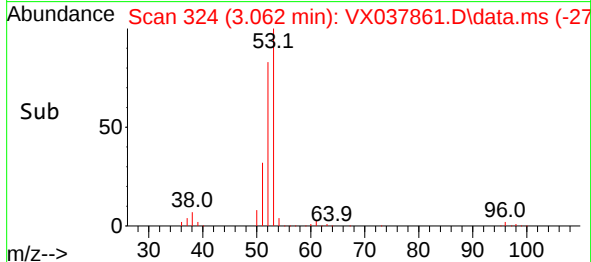
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 33381
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 36.1 29.8 44.6

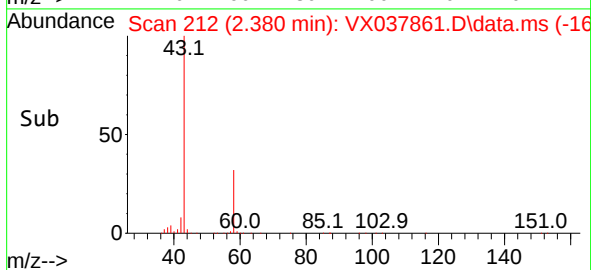
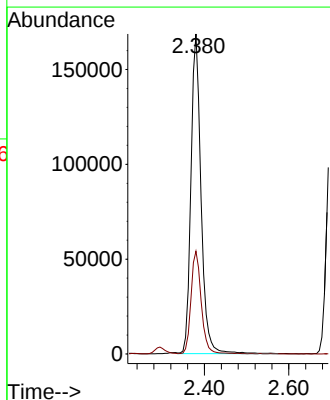
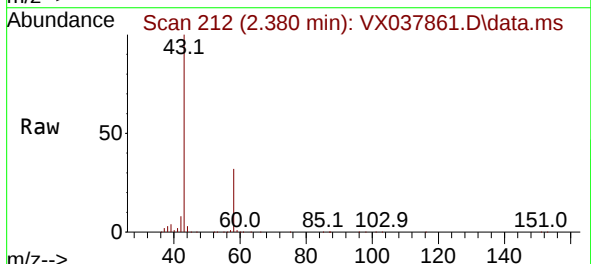
Manual Integrations
APPROVED

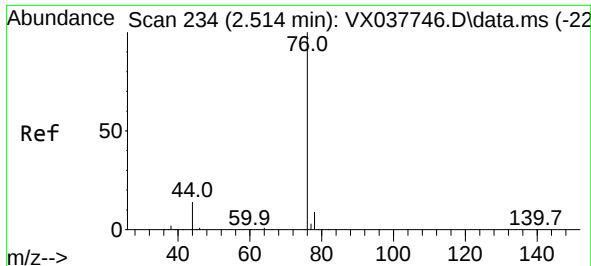
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#16
Acetone
Concen: 195.655 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

Tgt Ion: 43 Resp: 280321
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9





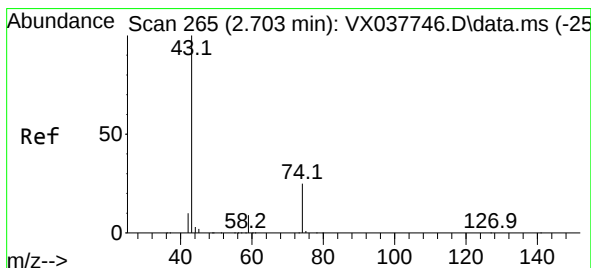
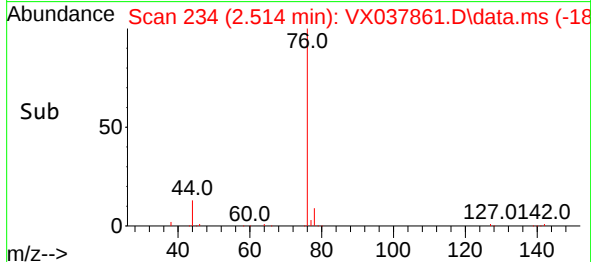
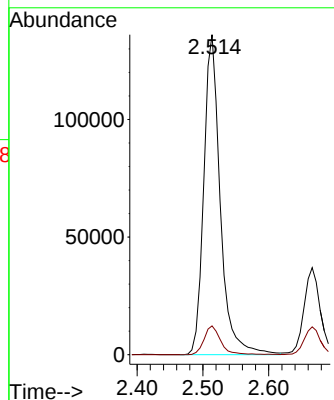
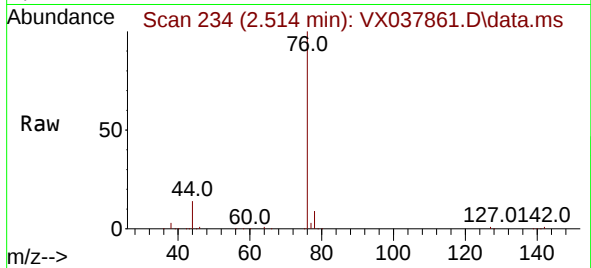
#17
Carbon Disulfide
Concen: 42.788 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 23724
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

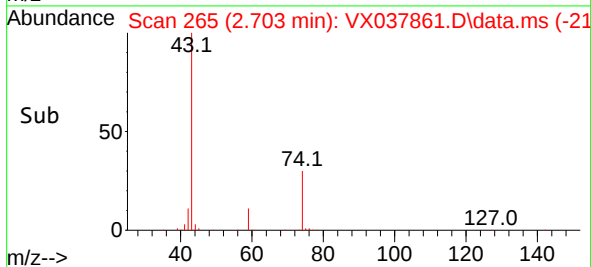
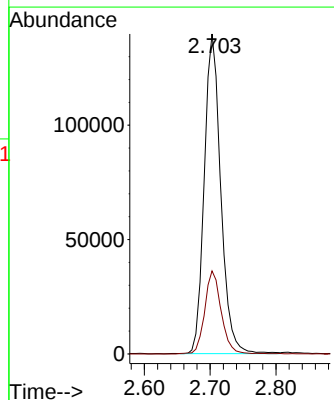
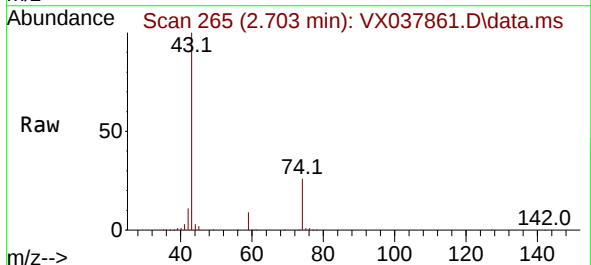
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#18
Methyl Acetate
Concen: 47.268 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

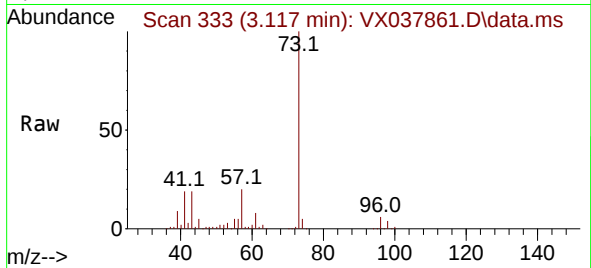
Tgt Ion: 43 Resp: 244303
Ion Ratio Lower Upper
43 100
74 26.0 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 48.348 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

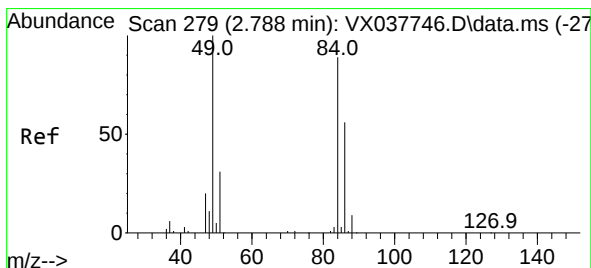
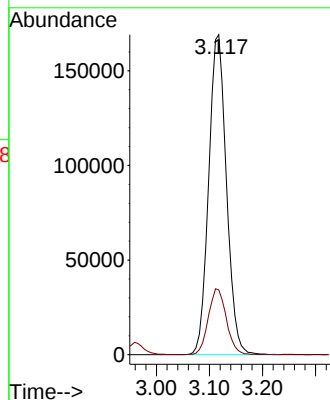
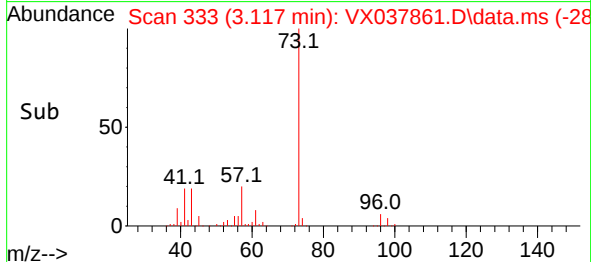
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 393319
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9

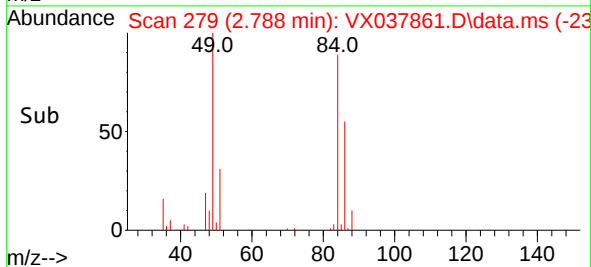
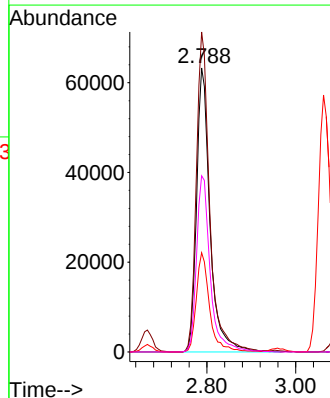
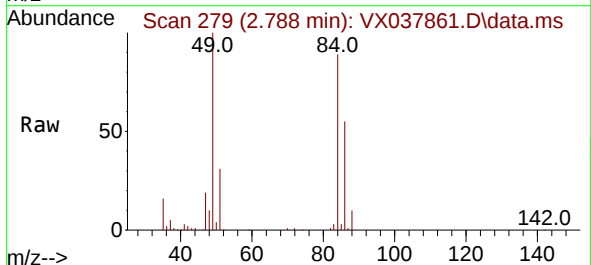
Manual Integrations
APPROVED

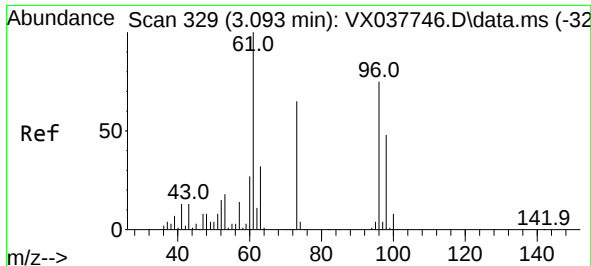
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#20
Methylene Chloride
Concen: 50.127 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

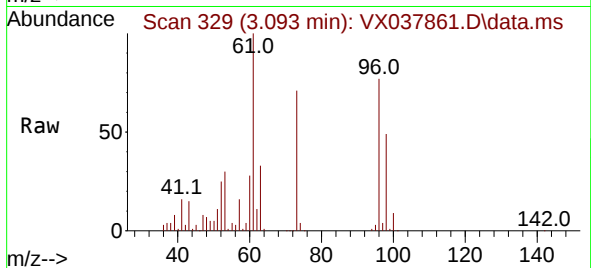
Tgt Ion: 84 Resp: 132777
Ion Ratio Lower Upper
84 100
49 112.7 103.6 155.4
51 34.9 33.8 50.6
86 62.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.436 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

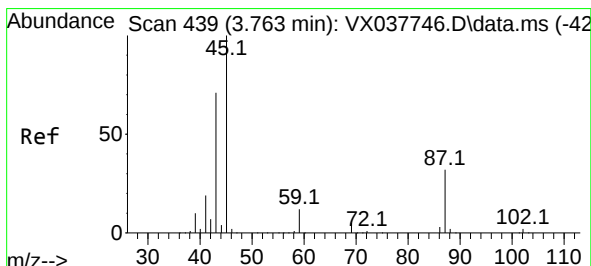
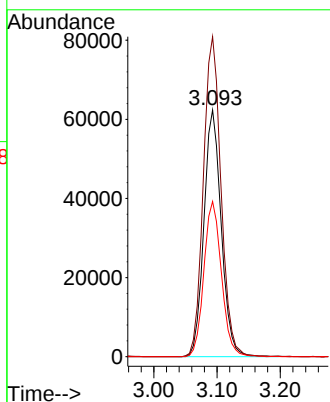
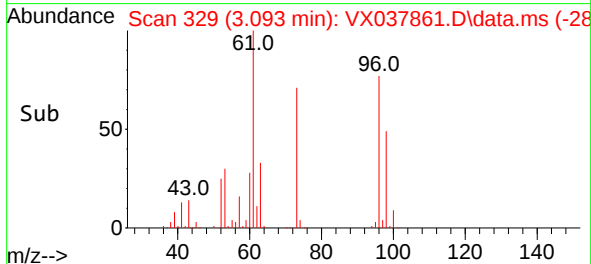
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



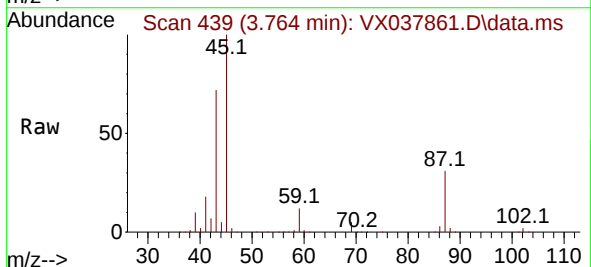
Tgt Ion: 96 Resp: 118944
Ion Ratio Lower Upper
96 100
61 129.7 119.2 178.8
98 62.9 48.7 73.1

Manual Integrations
APPROVED

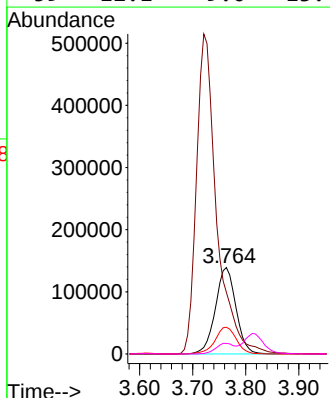
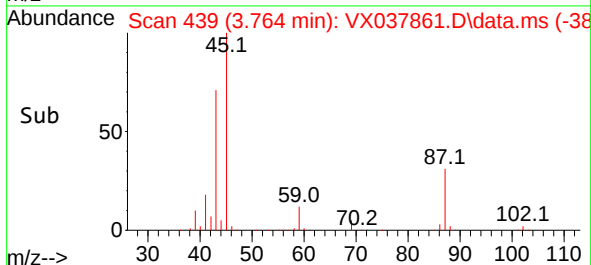
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

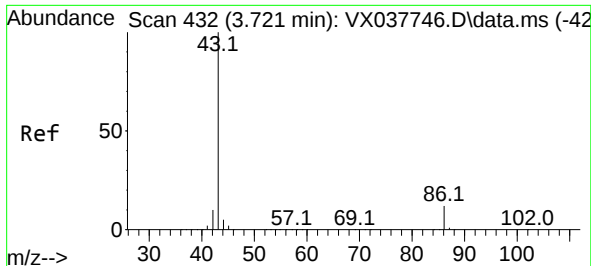


#22
Diisopropyl ether
Concen: 48.874 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32



Tgt Ion: 45 Resp: 374968
Ion Ratio Lower Upper
45 100
43 71.4 69.7 104.5
87 30.9 20.8 31.2
59 12.1 9.0 13.4





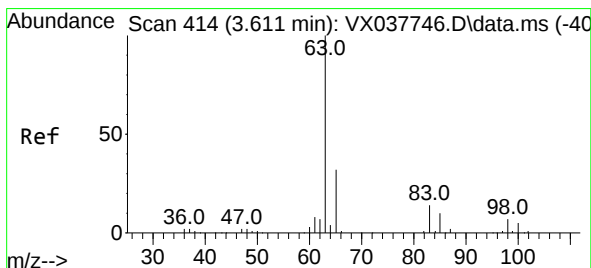
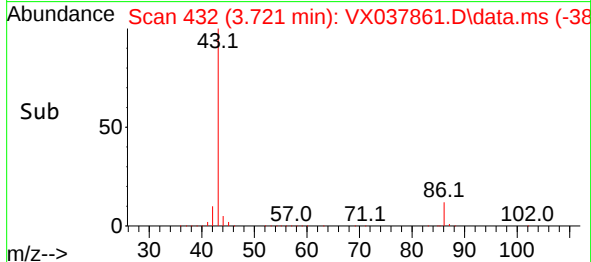
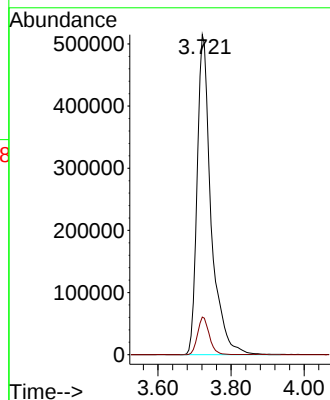
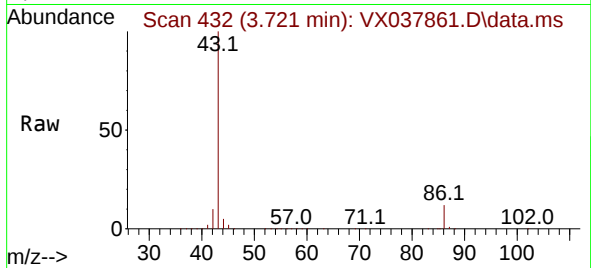
#23
 Vinyl Acetate
 Concen: 242.343 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037861.D
 Acq: 21 Sep 2023 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1367610
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8

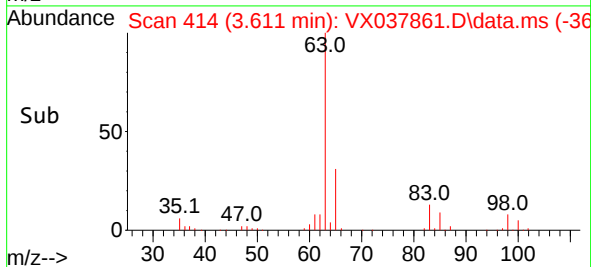
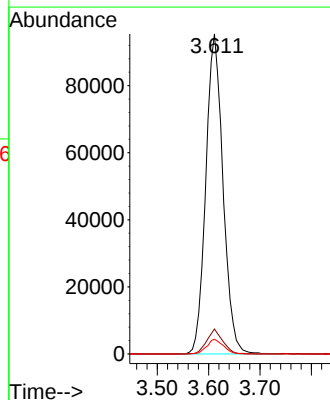
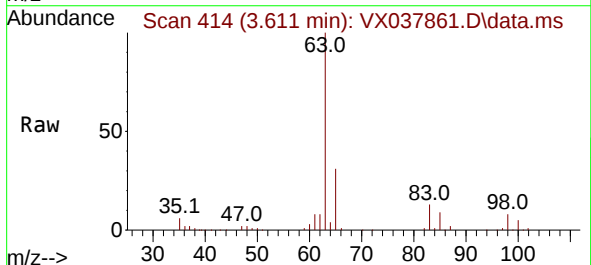
Manual Integrations
 APPROVED

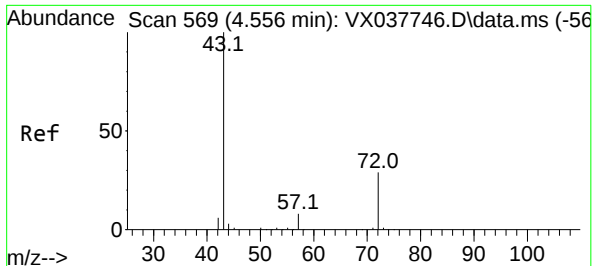
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023



#24
 1,1-Dichloroethane
 Concen: 48.205 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX037861.D
 Acq: 21 Sep 2023 17:32

Tgt Ion: 63 Resp: 221624
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.8
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 218.954 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.012 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 442689

Ion Ratio Lower Upper

43 100

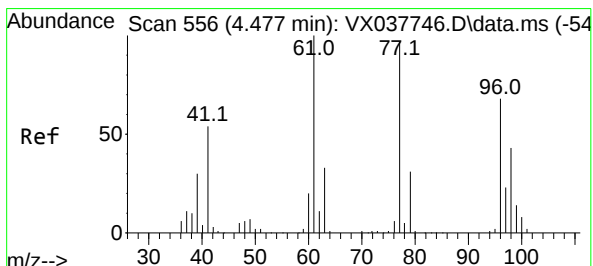
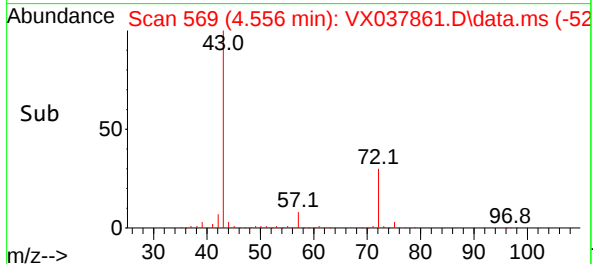
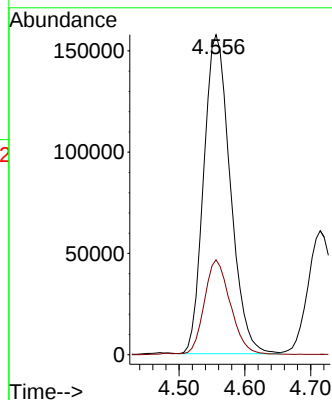
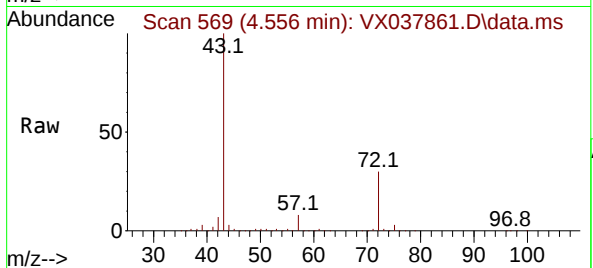
72 29.5 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#26

2,2-Dichloropropane

Concen: 46.997 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037861.D

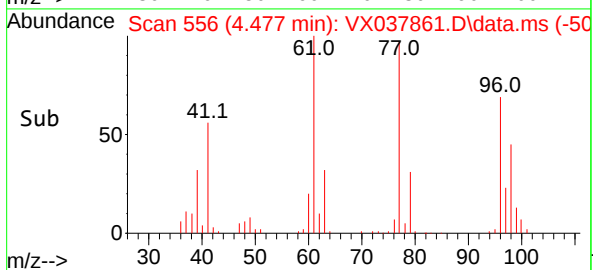
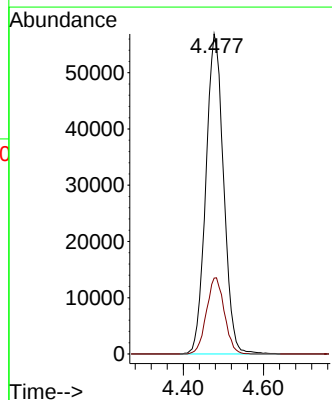
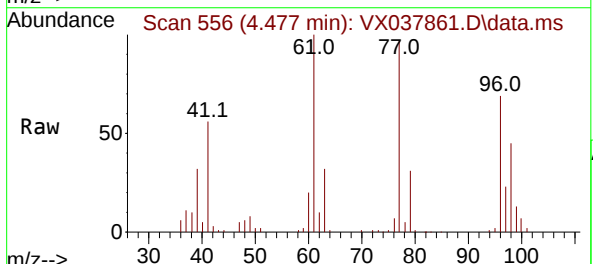
Acq: 21 Sep 2023 17:32

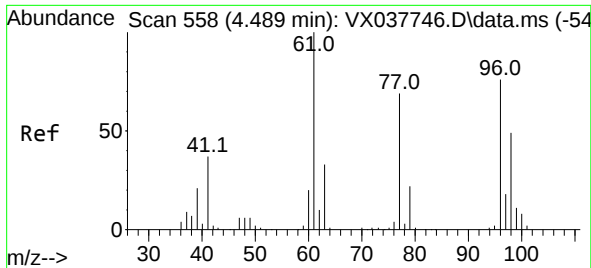
Tgt Ion: 77 Resp: 174588

Ion Ratio Lower Upper

77 100

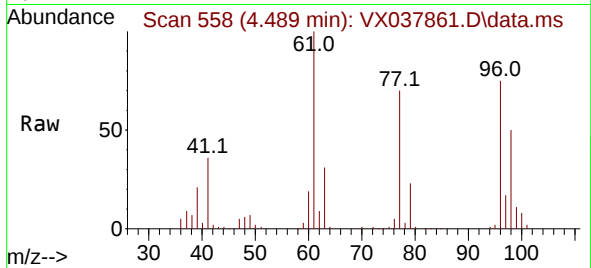
97 24.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 48.865 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX037861.D
 Acq: 21 Sep 2023 17:32

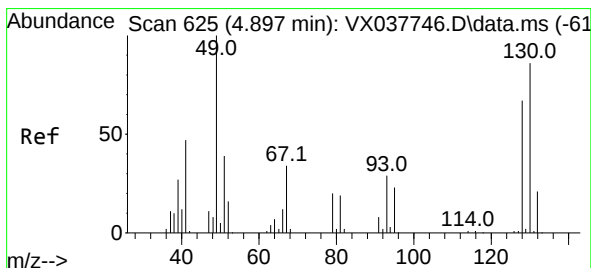
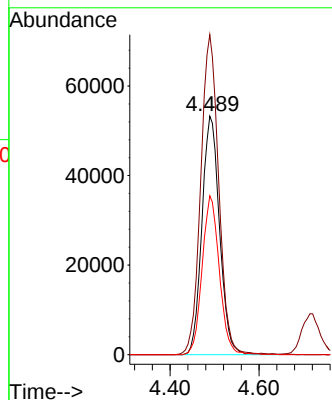
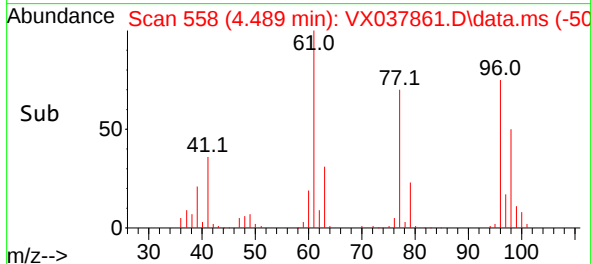
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 147110
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 312.2
 98 65.0 0.0 129.0

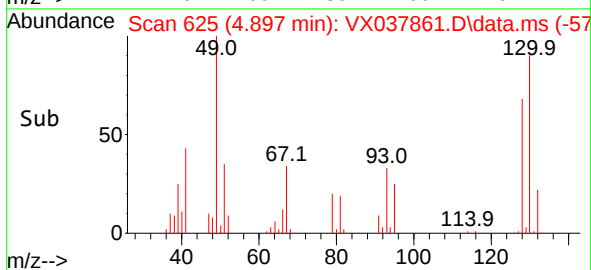
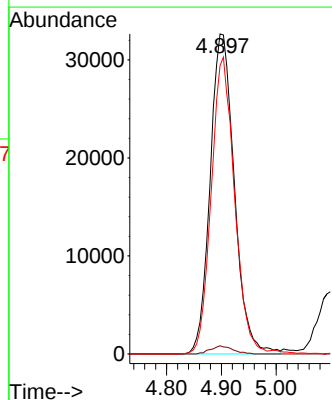
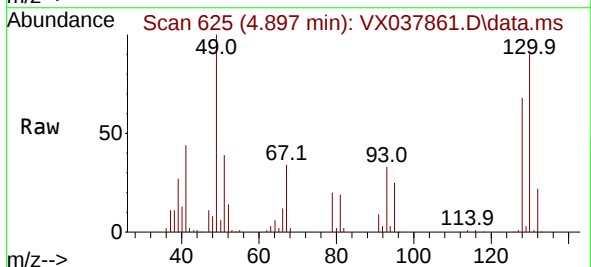
Manual Integrations
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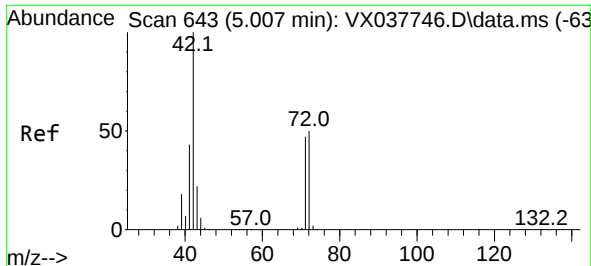
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023



#28
 Bromochloromethane
 Concen: 46.667 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX037861.D
 Acq: 21 Sep 2023 17:32

Tgt Ion: 49 Resp: 100093
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 89.1 57.5 86.3#





#29

Tetrahydrofuran

Concen: 225.317 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 283360

Ion Ratio Lower Upper

42 100

72 50.2 34.2 51.4

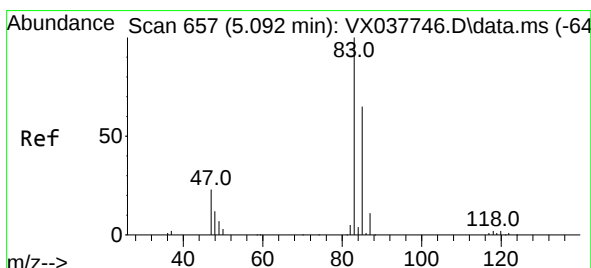
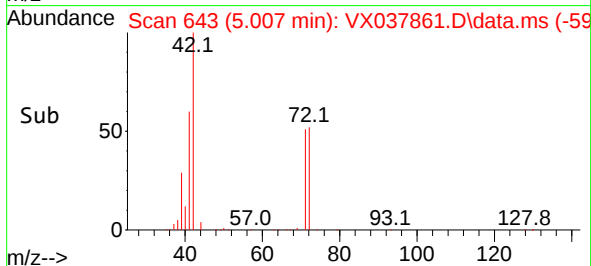
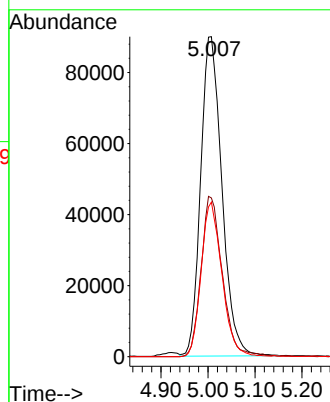
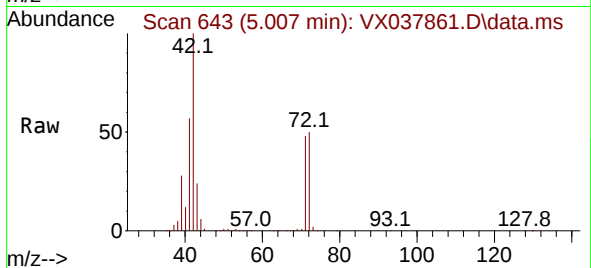
71 47.3 32.2 48.2

Manual Integrations

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Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#30

Chloroform

Concen: 49.184 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037861.D

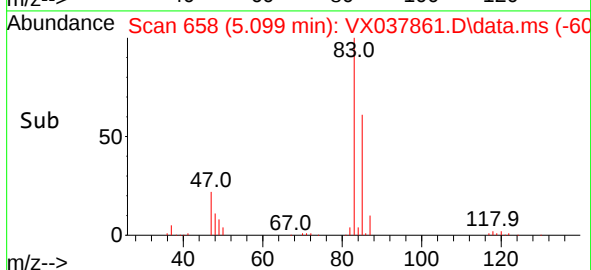
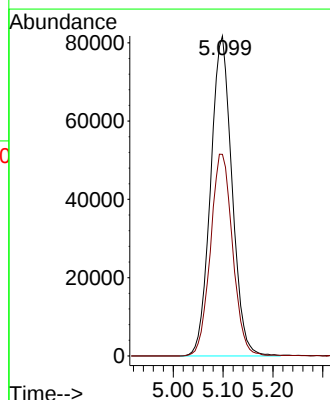
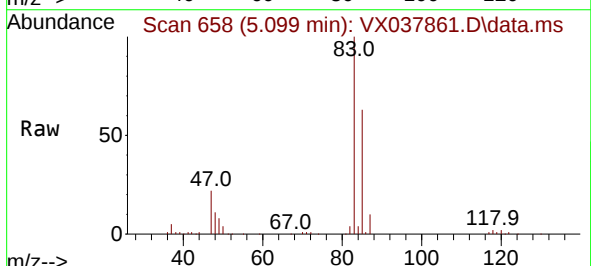
Acq: 21 Sep 2023 17:32

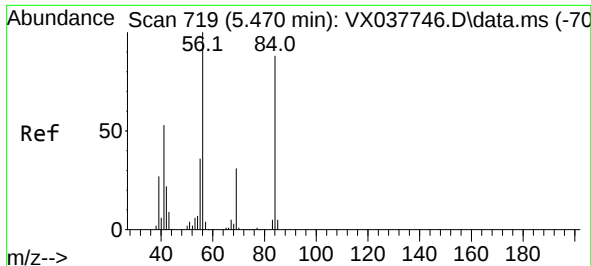
Tgt Ion: 83 Resp: 243591

Ion Ratio Lower Upper

83 100

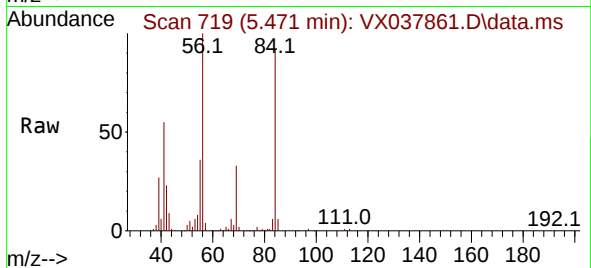
85 63.0 50.3 75.5





#31
Cyclohexane
Concen: 46.840 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

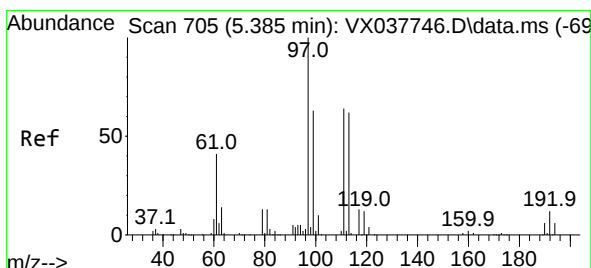
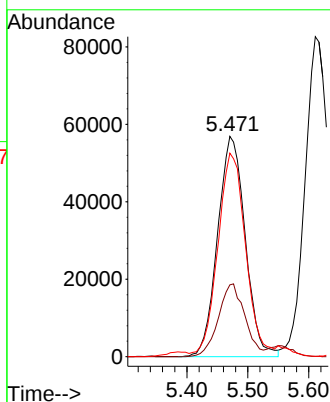
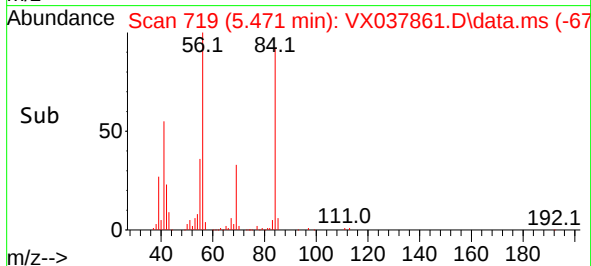
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



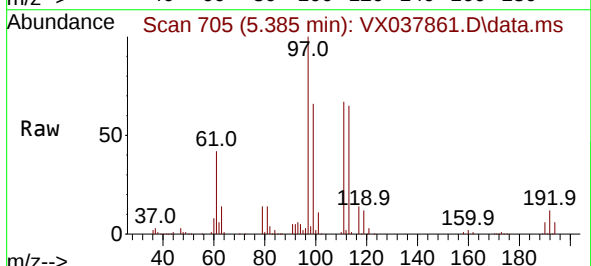
Tgt Ion: 56 Resp: 179052
Ion Ratio Lower Upper
56 100
69 32.6 23.4 35.2
84 90.1 65.9 98.9

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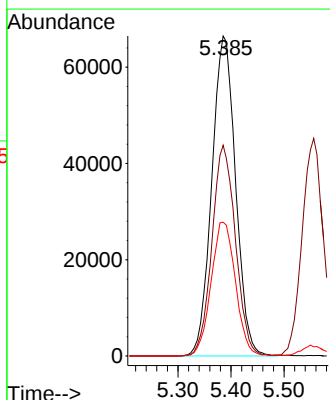
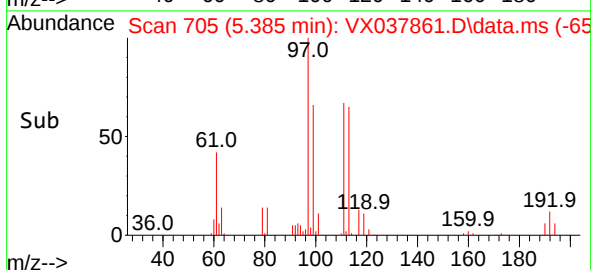
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#32
1,1,1-Trichloroethane
Concen: 49.390 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32



Tgt Ion: 97 Resp: 207119
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 43.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.923 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15166

Ion Ratio Lower Upper

65 100

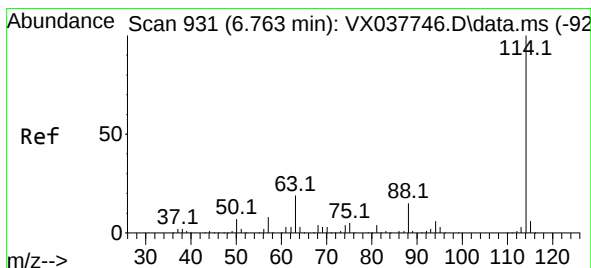
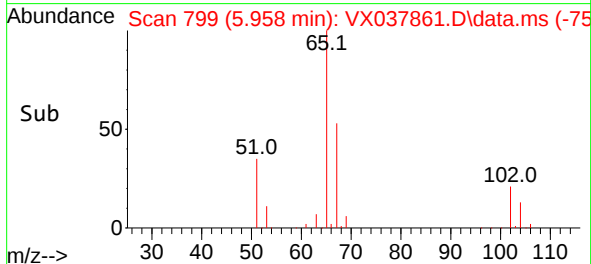
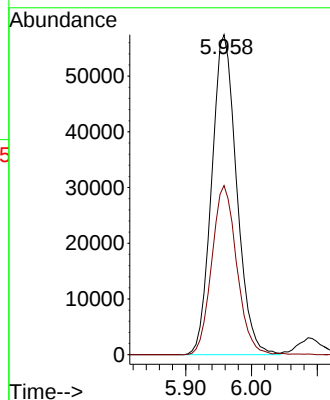
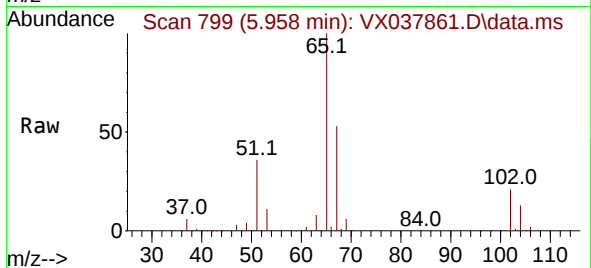
67 53.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

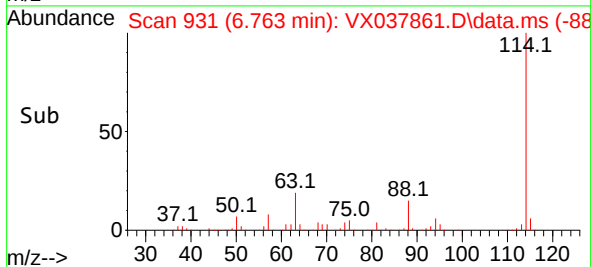
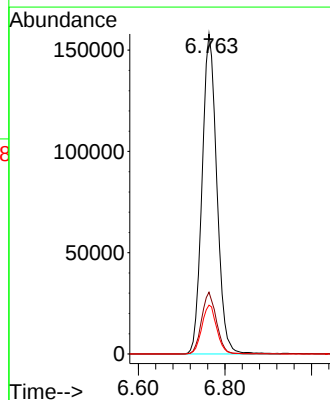
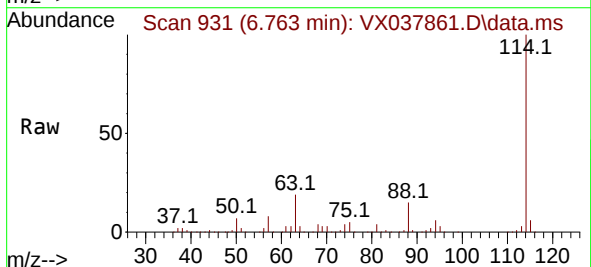
Tgt Ion:114 Resp: 373274

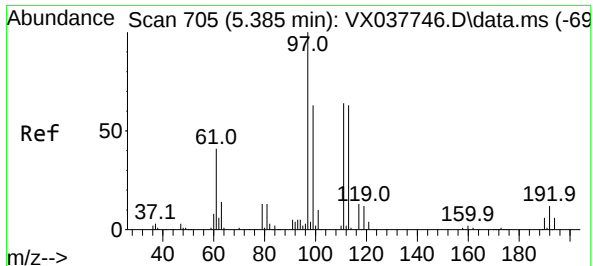
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.300 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

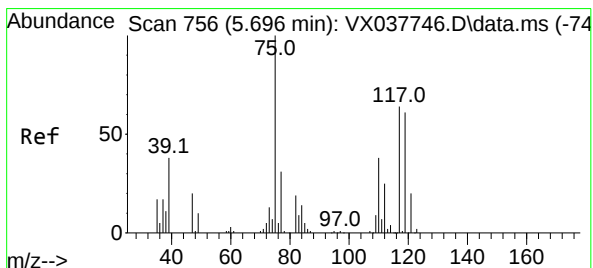
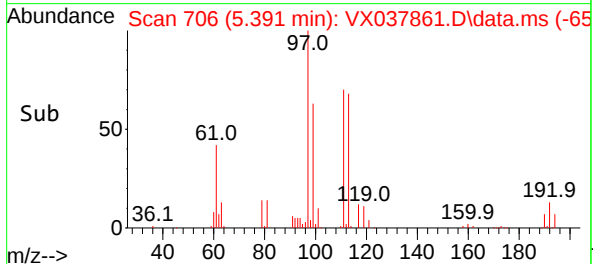
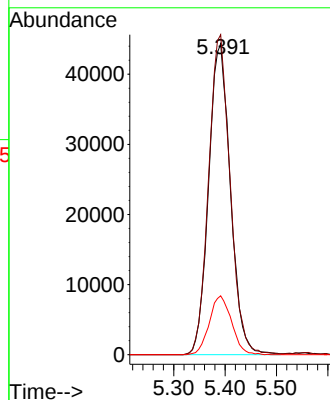
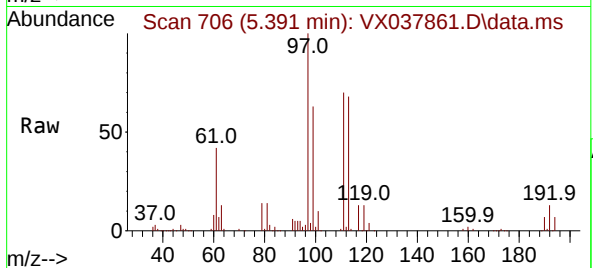
Tgt Ion:113 Resp: 130624
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.9 124.3
 192 19.3 13.3 19.9

Manual Integrations

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Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#36

1,1-Dichloropropene

Concen: 49.126 ug/l

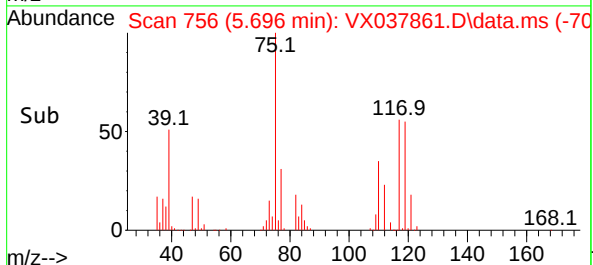
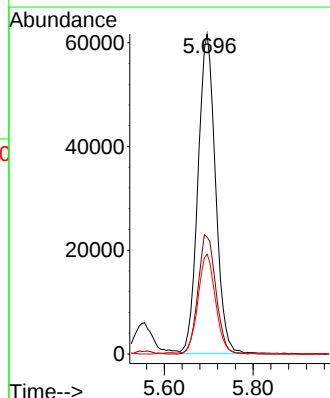
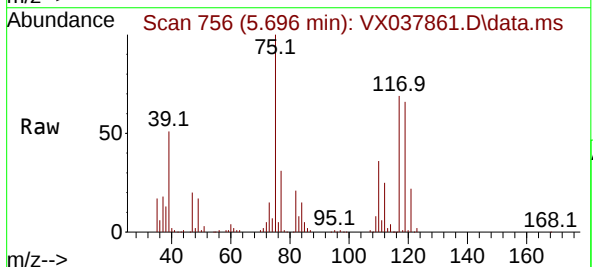
RT: 5.696 min Scan# 756

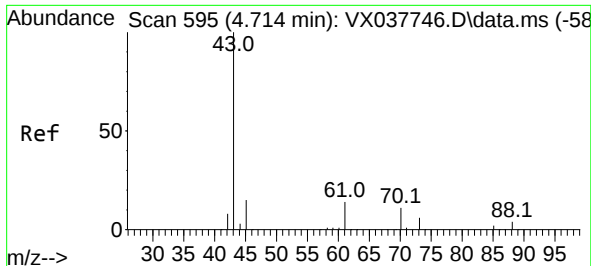
Delta R.T. -0.000 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Tgt Ion: 75 Resp: 169021
 Ion Ratio Lower Upper
 75 100
 110 38.0 17.0 50.9
 77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 46.588 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.018 min

Lab File: VX037861.D

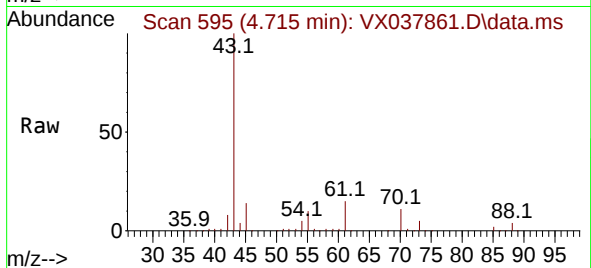
Acq: 21 Sep 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



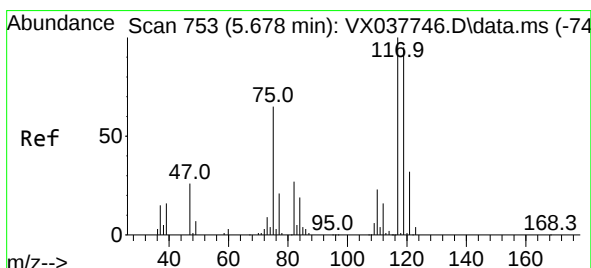
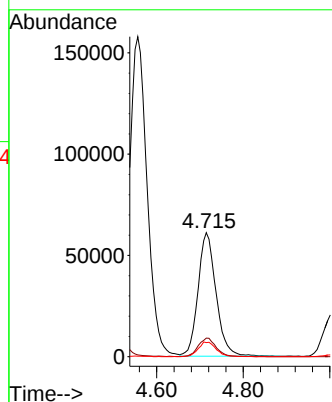
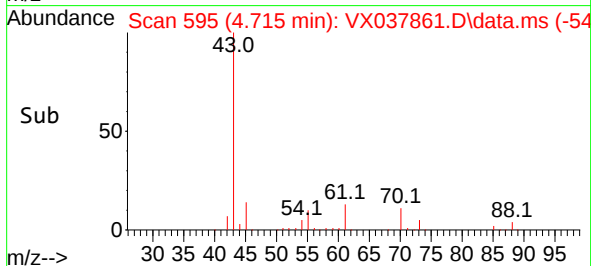
Tgt Ion:	43	Resp:	176215
Ion Ratio	Lower	Upper	
43	100		
61	15.2	10.6	16.0
70	11.9	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#38

Carbon Tetrachloride

Concen: 49.859 ug/l

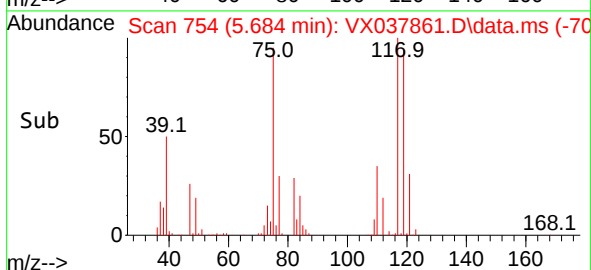
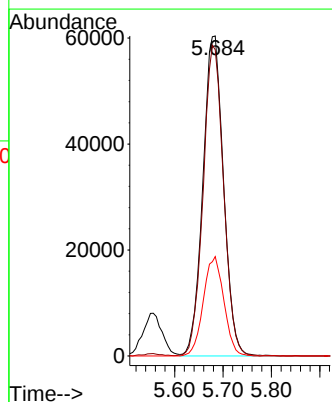
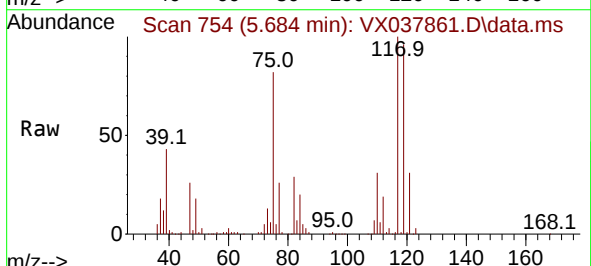
RT: 5.684 min Scan# 754

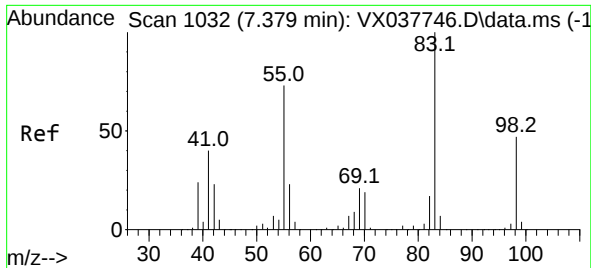
Delta R.T. 0.006 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Tgt Ion:	117	Resp:	179487
Ion Ratio	Lower	Upper	
117	100		
119	95.7	78.2	117.2
121	31.0	24.4	36.6





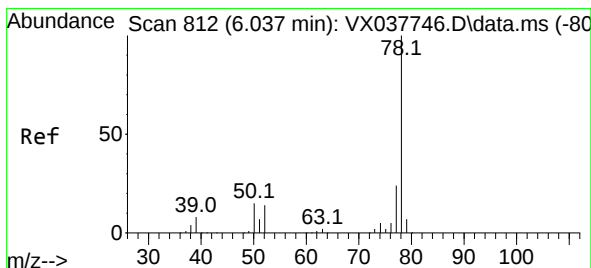
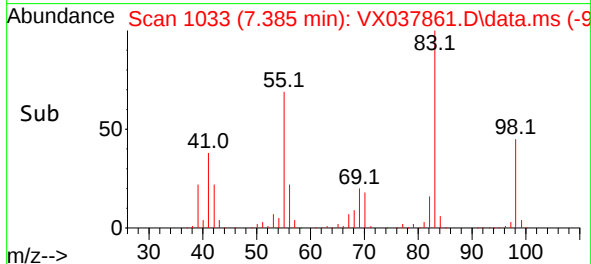
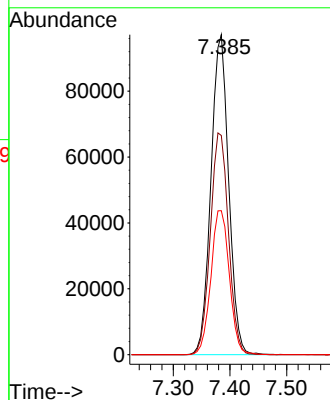
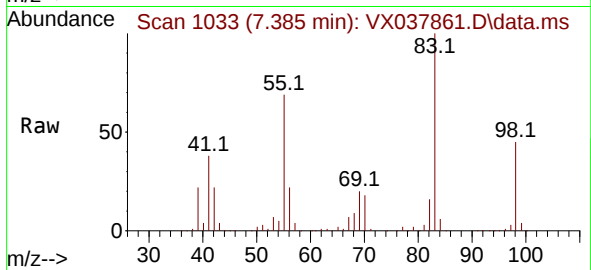
#39
Methylcyclohexane
Concen: 48.283 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 210838
Ion Ratio Lower Upper
83 100
55 68.5 64.6 97.0
98 45.0 36.7 55.1

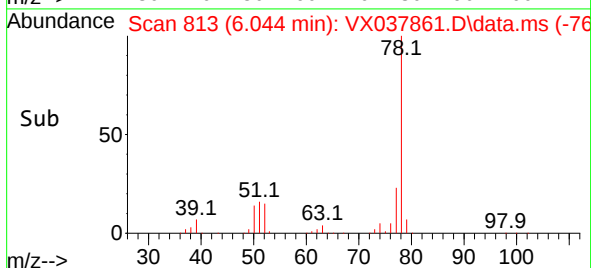
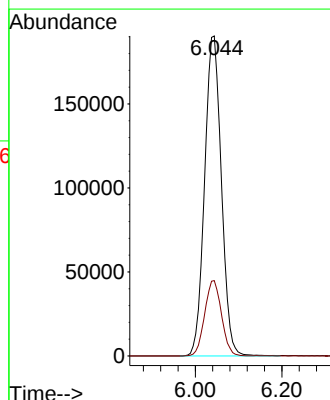
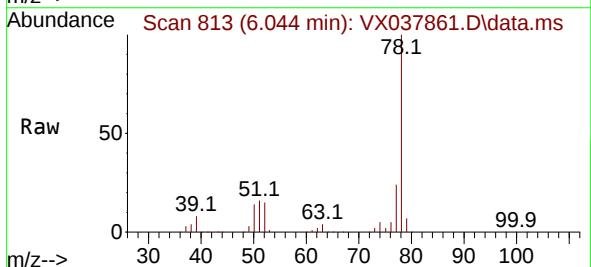
Manual Integrations
APPROVED

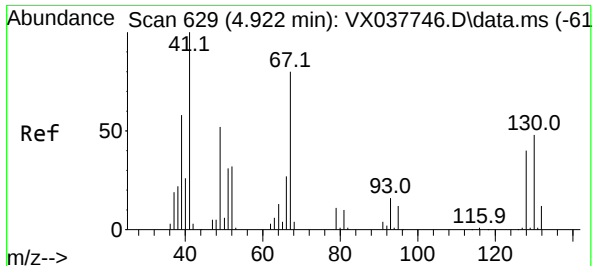
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#40
Benzene
Concen: 48.428 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

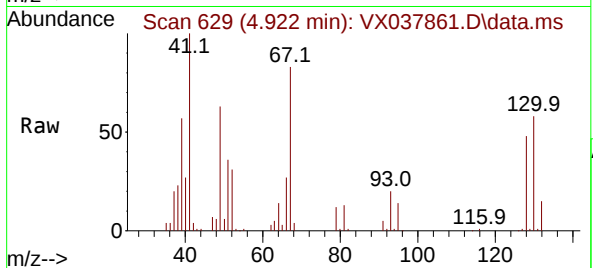
Tgt Ion: 78 Resp: 512374
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 47.491 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.024 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

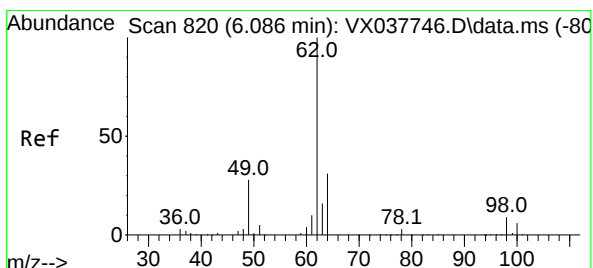
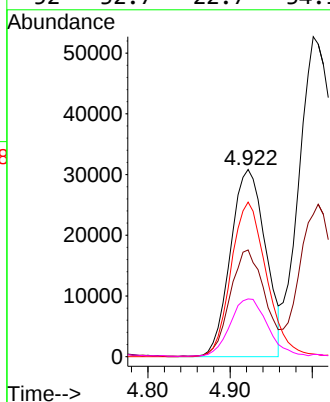
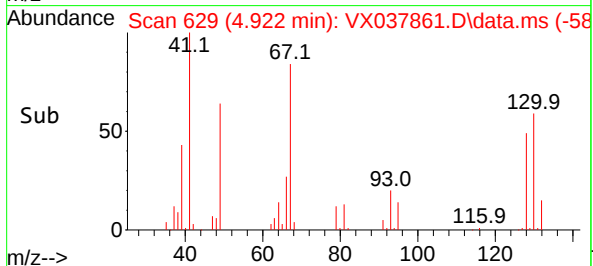
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41	Resp: 9159
Ion Ratio	Lower Upper
41	100
39	55.8 45.2 67.8
67	83.9 52.6 78.8
52	32.7 22.7 34.1

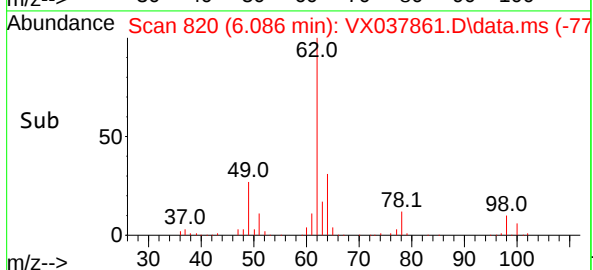
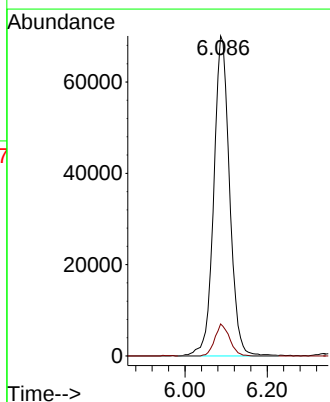
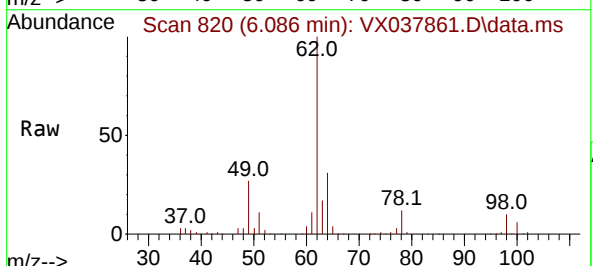
Manual Integrations
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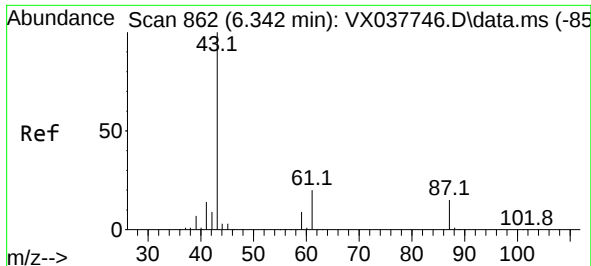
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#42
1,2-Dichloroethane
Concen: 48.970 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

Tgt Ion: 62	Resp: 187261
Ion Ratio	Lower Upper
62	100
98	9.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 47.705 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 28852

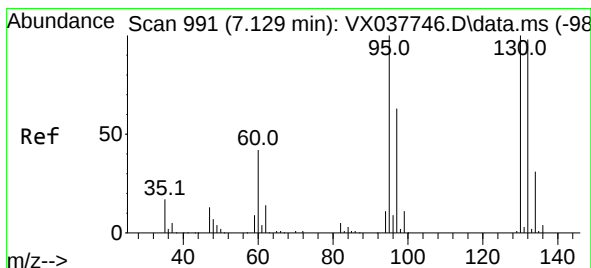
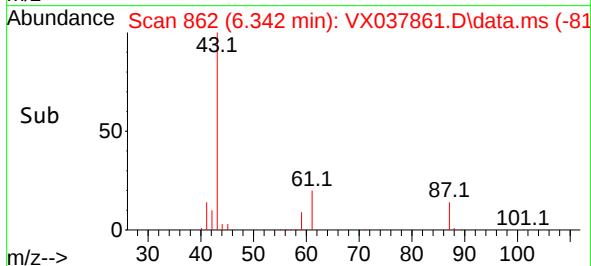
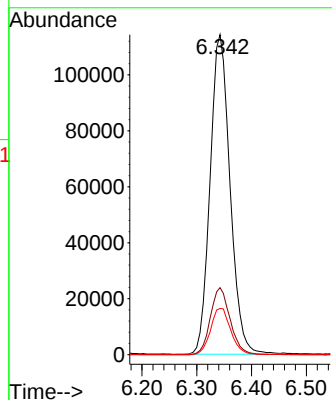
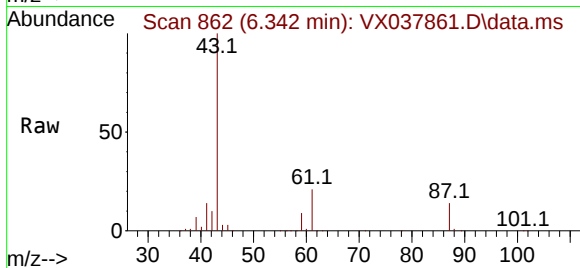
Ion	Ratio	Lower	Upper
43	100		
61	20.7	15.2	22.8
87	14.7	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#44

Trichloroethene

Concen: 47.741 ug/l

RT: 7.129 min Scan# 991

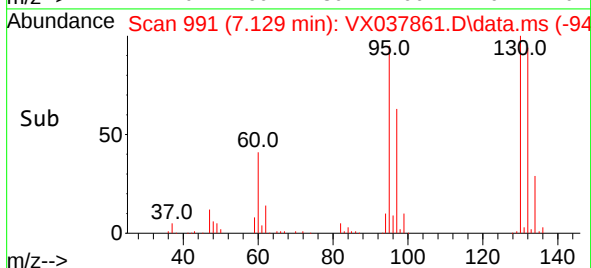
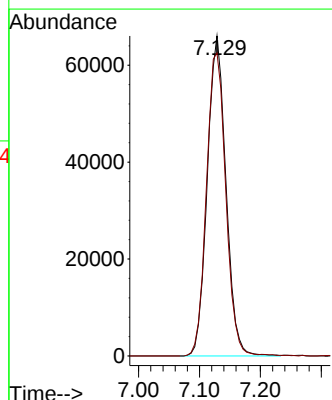
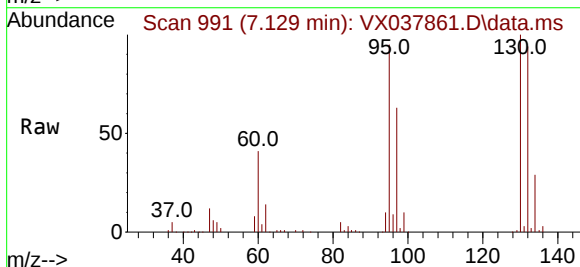
Delta R.T. -0.006 min

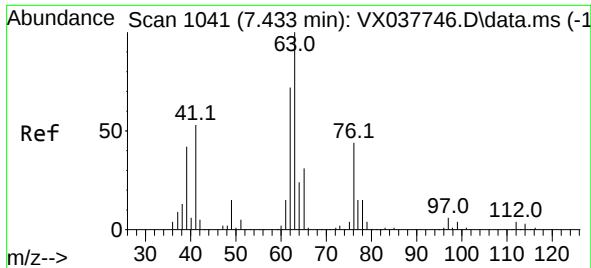
Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Tgt Ion:130 Resp: 140667

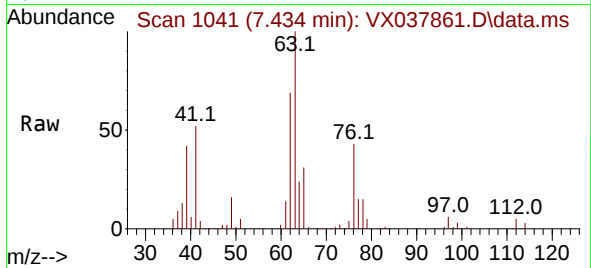
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	204.4





#45
1,2-Dichloropropane
Concen: 48.601 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

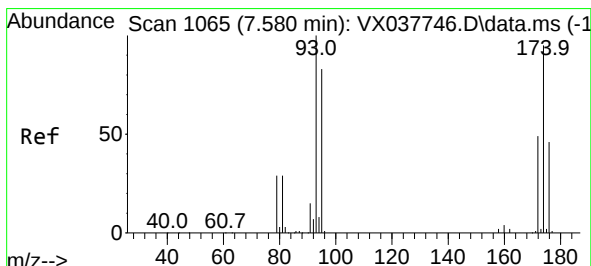
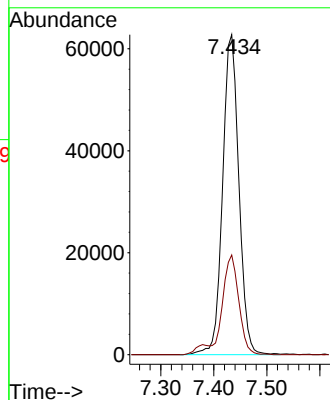
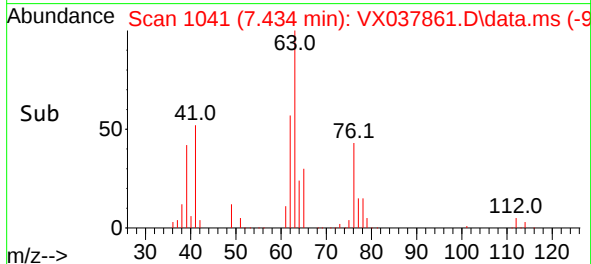
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 13353
Ion Ratio Lower Upper
63 100
65 31.1 24.3 36.5

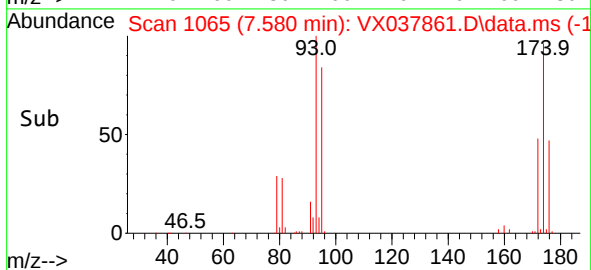
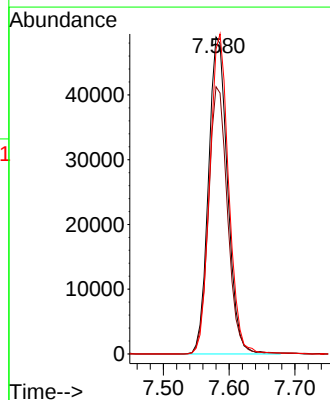
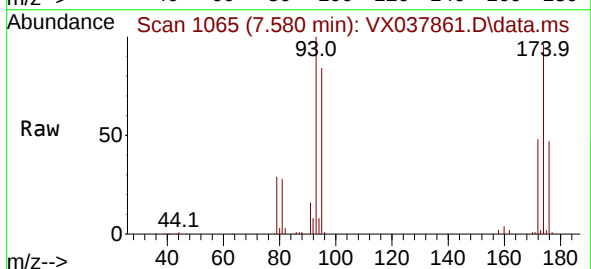
Manual Integrations
APPROVED

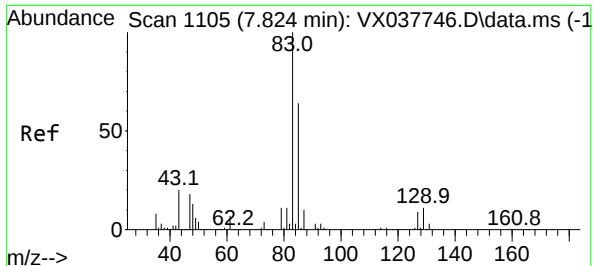
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#46
Dibromomethane
Concen: 50.103 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

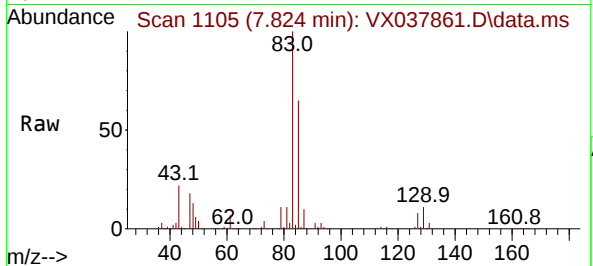
Tgt Ion: 93 Resp: 99028
Ion Ratio Lower Upper
93 100
95 83.7 66.6 100.0
174 100.0 69.4 104.0





#47
Bromodichloromethane
Concen: 50.947 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

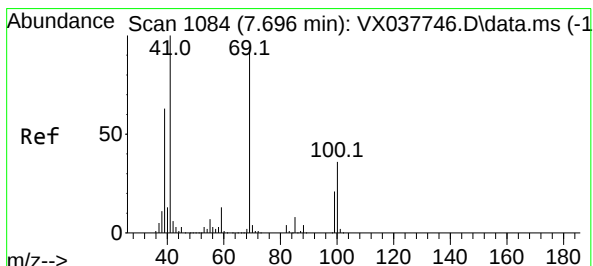
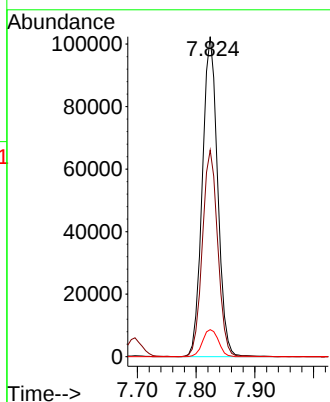
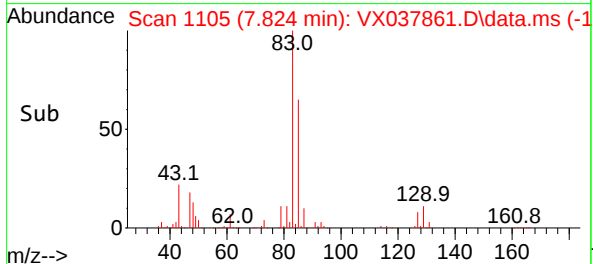
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 185454
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 8.5 7.1 10.7

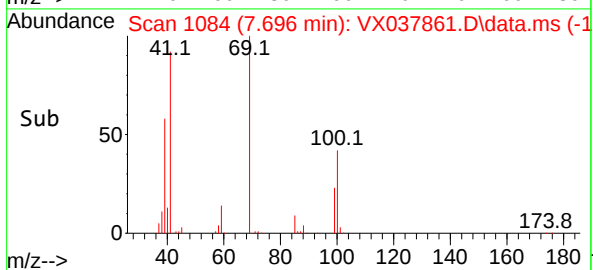
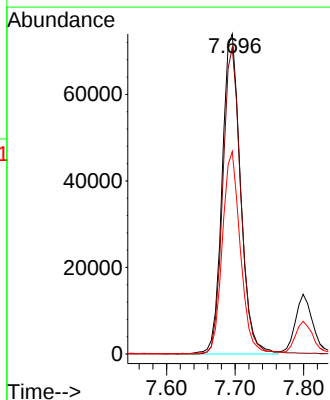
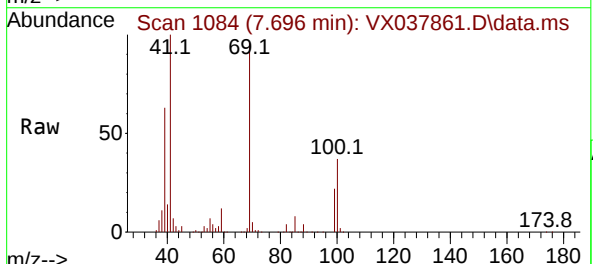
Manual Integrations
APPROVED

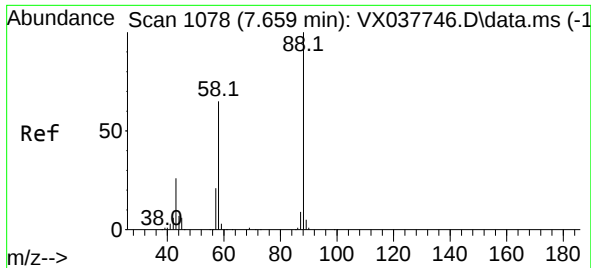
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#48
Methyl methacrylate
Concen: 47.678 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

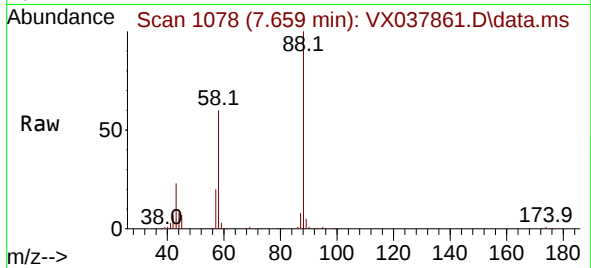
Tgt Ion: 41 Resp: 137848
Ion Ratio Lower Upper
41 100
69 93.8 59.2 88.8
39 61.6 47.7 71.5





#49
1,4-Dioxane
Concen: 899.337 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

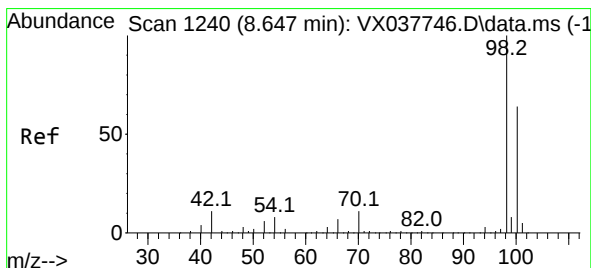
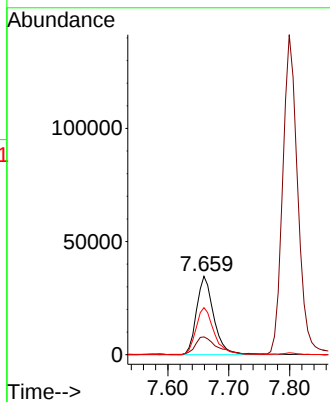
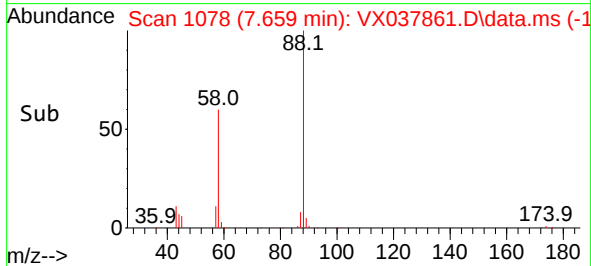
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



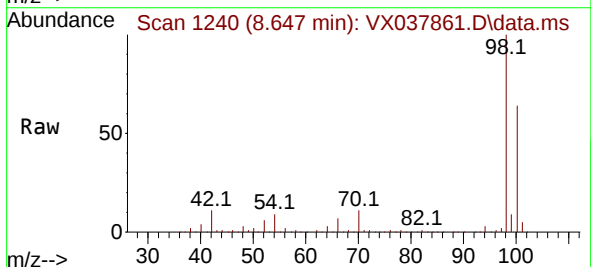
Tgt Ion: 88 Resp: 68168
Ion Ratio Lower Upper
88 100
43 29.8 0.0 0.0
58 63.3 60.1 90.1

Manual Integrations
APPROVED

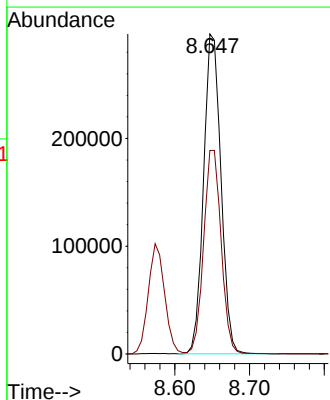
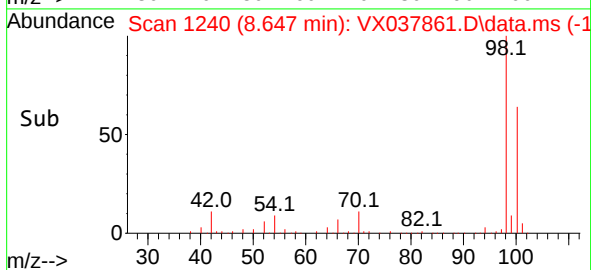
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

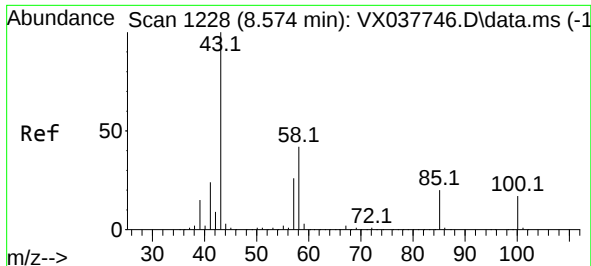


#50
Toluene-d8
Concen: 51.552 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32



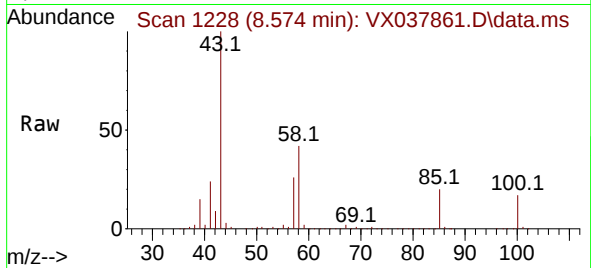
Tgt Ion: 98 Resp: 478404
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 236.813 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

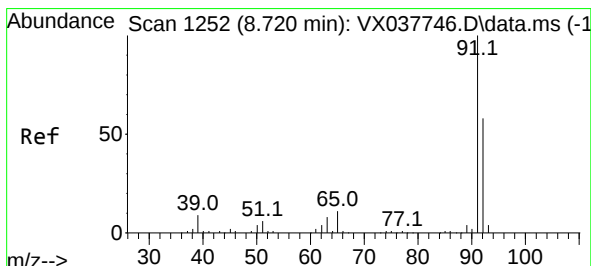
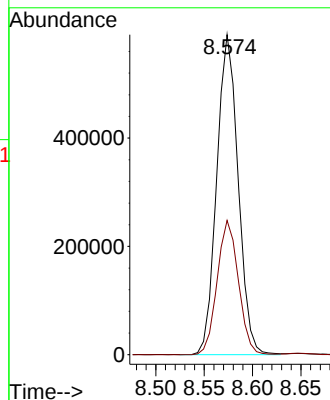
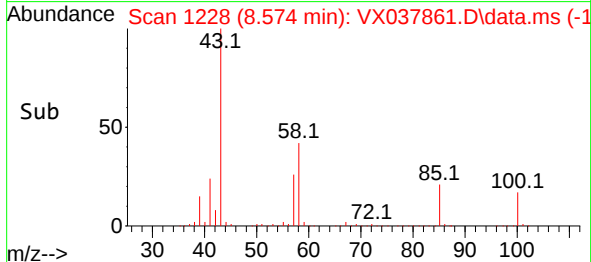
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 908710
Ion Ratio Lower Upper
43 100
58 41.7 30.4 45.6

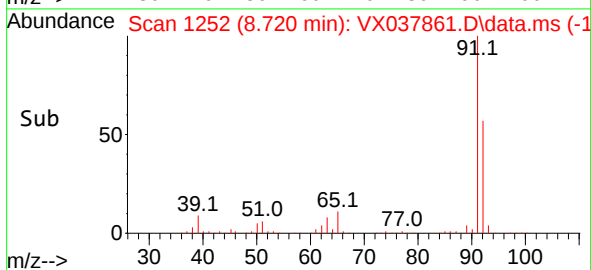
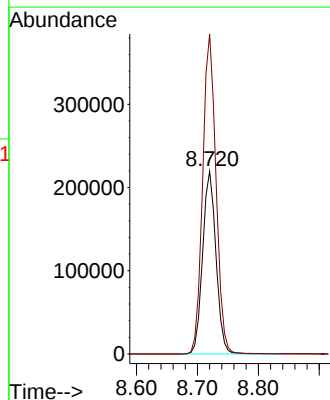
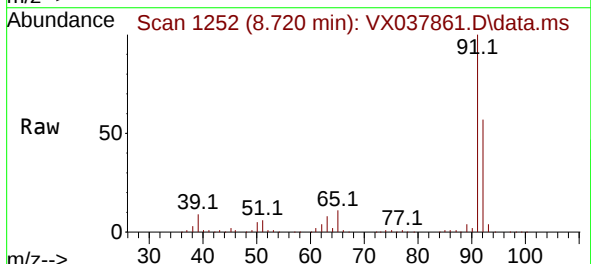
Manual Integrations
APPROVED

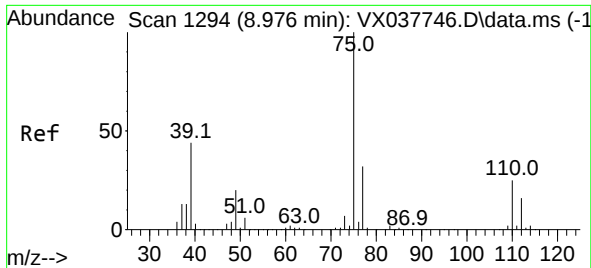
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#52
Toluene
Concen: 49.008 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

Tgt Ion: 92 Resp: 334170
Ion Ratio Lower Upper
92 100
91 175.5 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 52.207 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

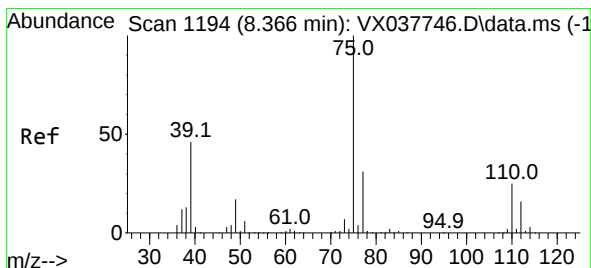
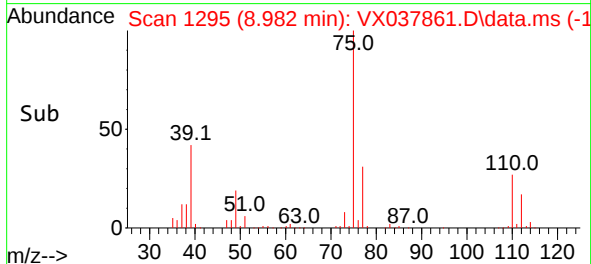
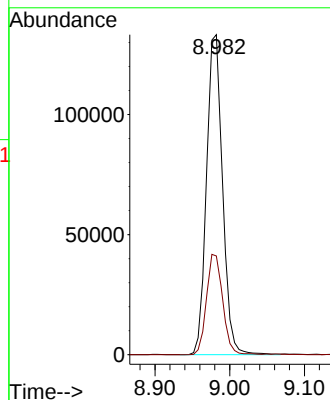
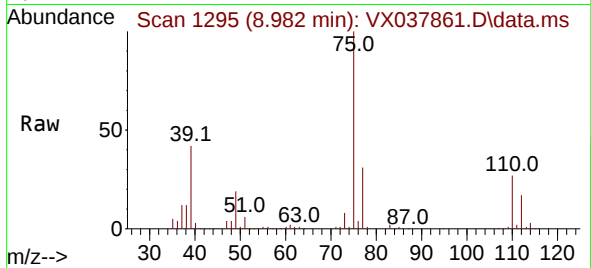
VSTDCCC050EC

Tgt Ion: 75 Resp: 198700
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5

Manual Integrations

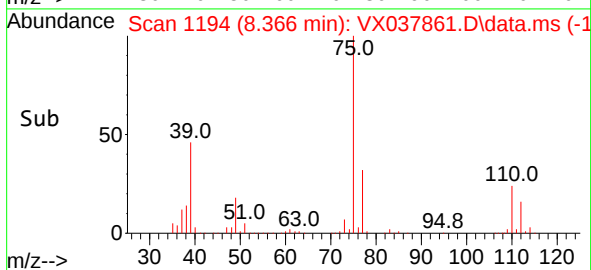
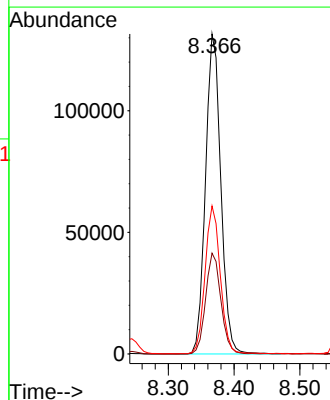
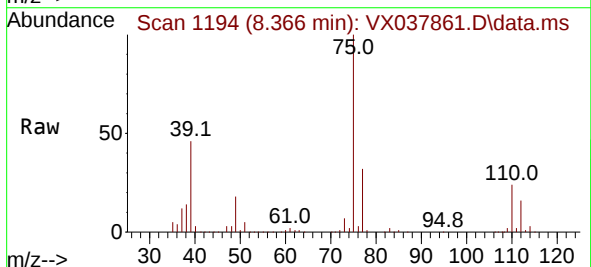
APPROVED

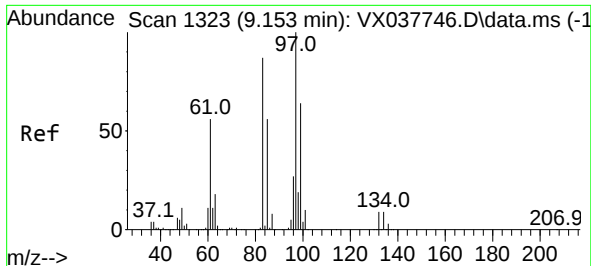
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#54
cis-1,3-Dichloropropene
Concen: 50.676 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

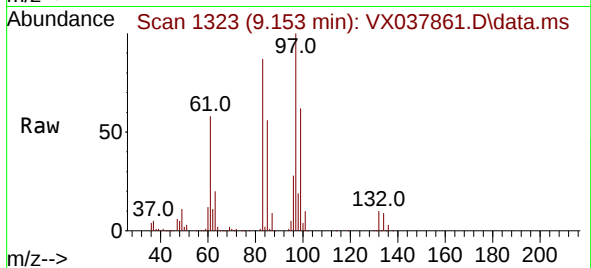
Tgt Ion: 75 Resp: 213467
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 46.1 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 50.703 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

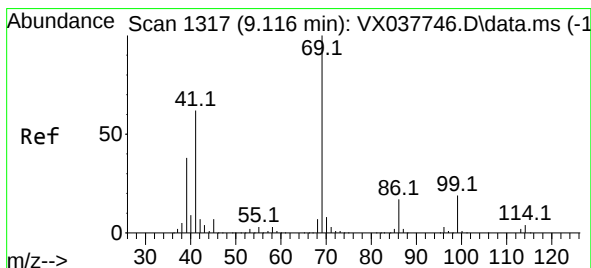
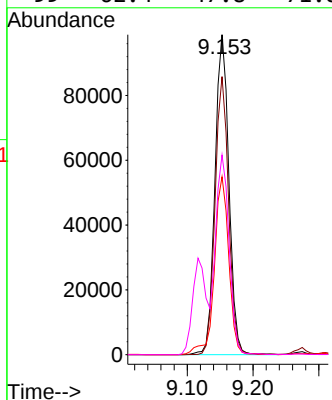
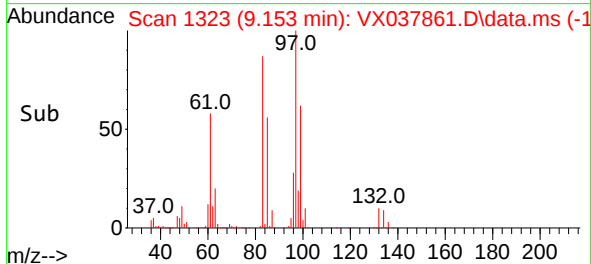
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



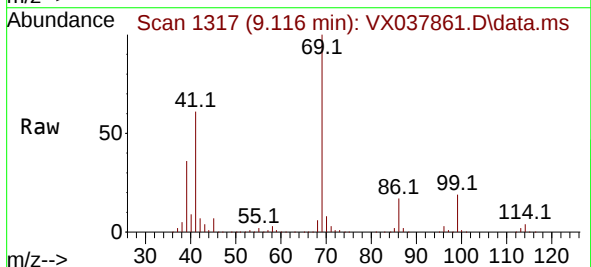
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.9	65.8	98.8
85	55.6	41.6	62.4
99	62.4	47.8	71.8

Manual Integrations
APPROVED

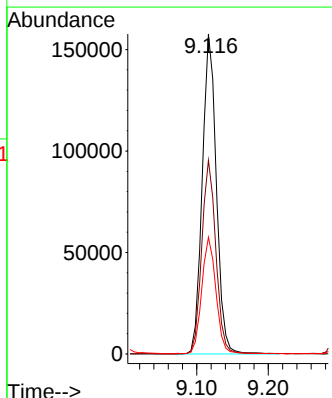
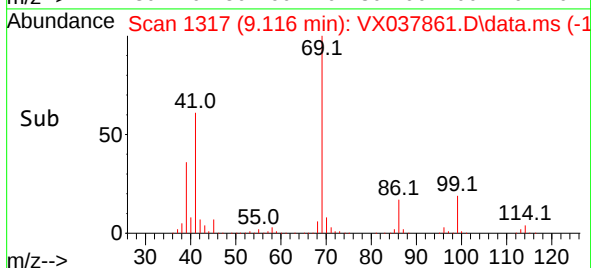
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

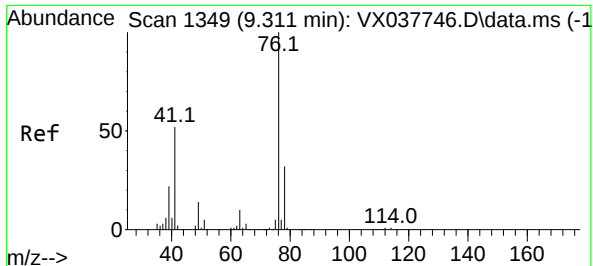


#56
Ethyl methacrylate
Concen: 50.349 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32



Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.3	56.8	85.2
39	36.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 49.940 ug/l

RT: 9.311 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 232324

Ion Ratio Lower Upper

76 100

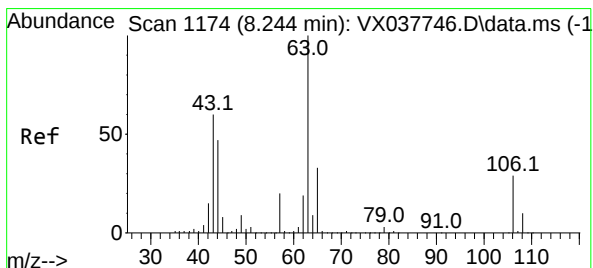
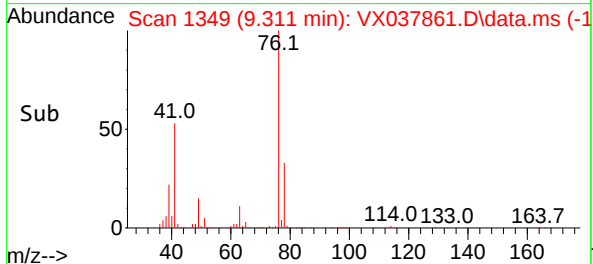
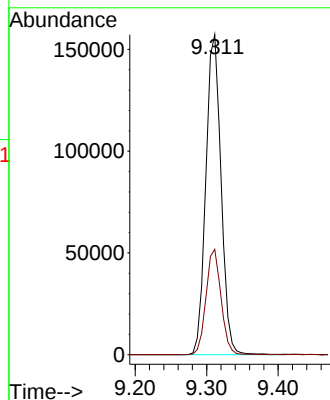
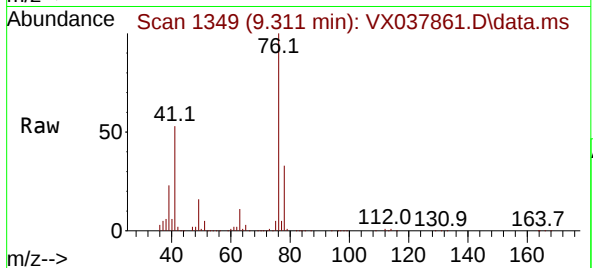
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 243.897 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037861.D

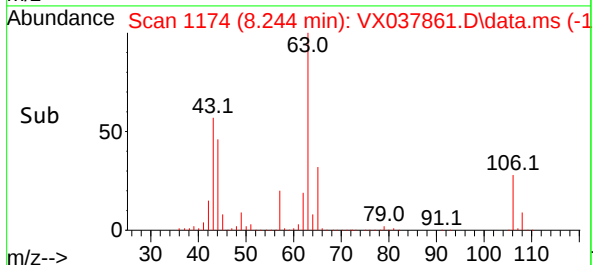
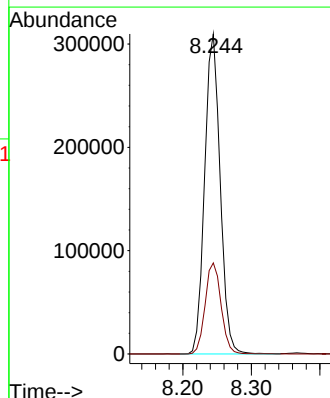
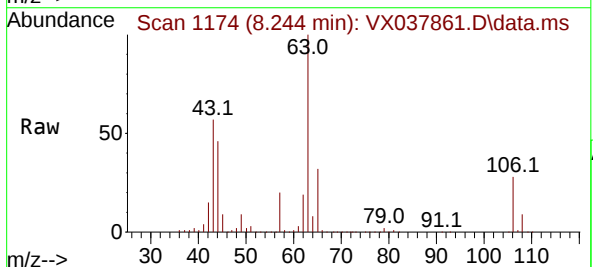
Acq: 21 Sep 2023 17:32

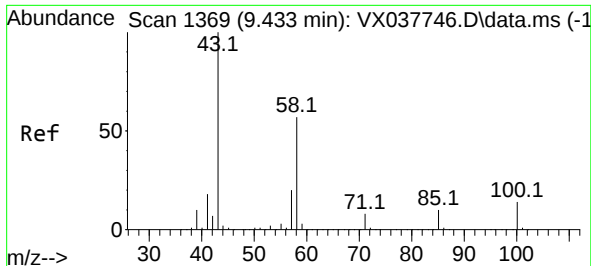
Tgt Ion: 63 Resp: 488785

Ion Ratio Lower Upper

63 100

106 29.2 22.5 33.7





#59

2-Hexanone

Concen: 234.201 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 69972

Ion Ratio Lower Upper

43 100

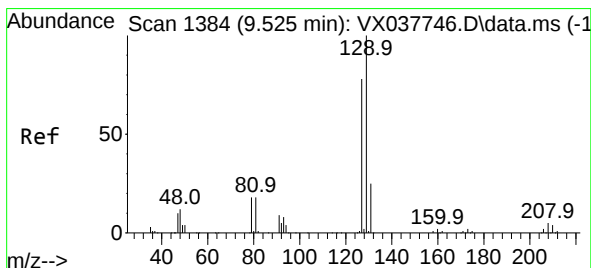
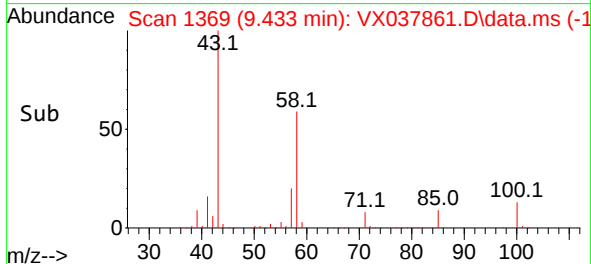
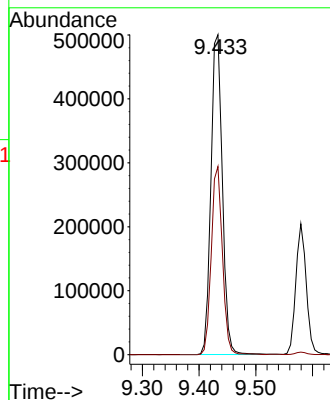
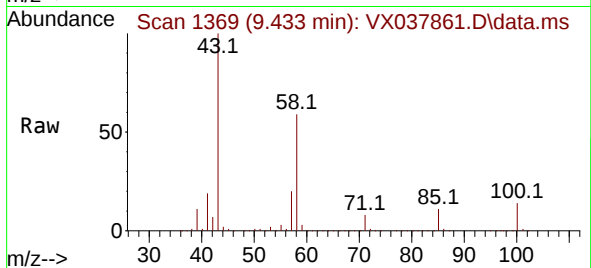
58 57.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#60

Dibromochloromethane

Concen: 52.410 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX037861.D

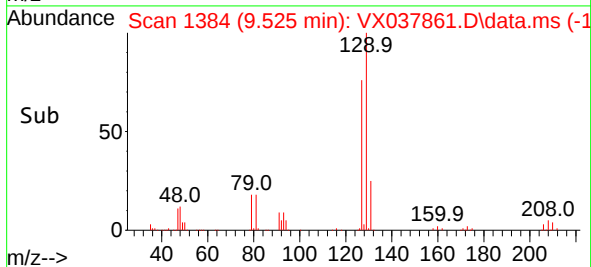
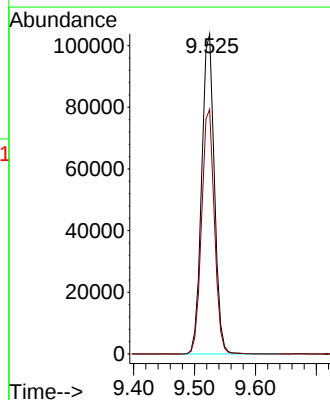
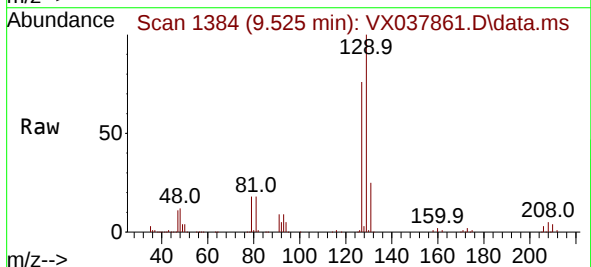
Acq: 21 Sep 2023 17:32

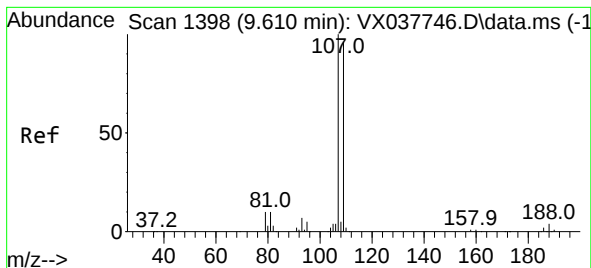
Tgt Ion:129 Resp: 150097

Ion Ratio Lower Upper

129 100

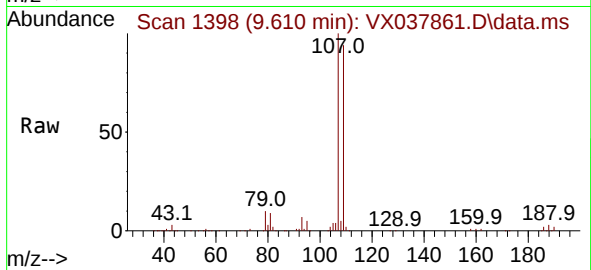
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.119 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

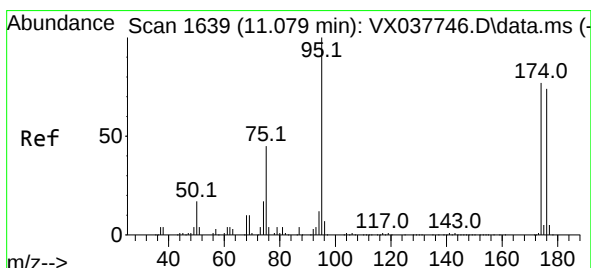
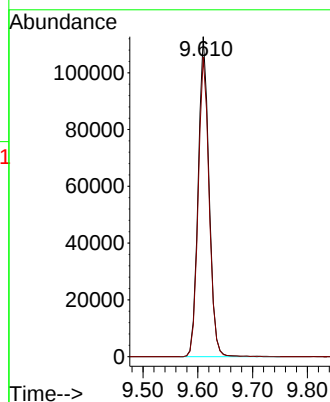
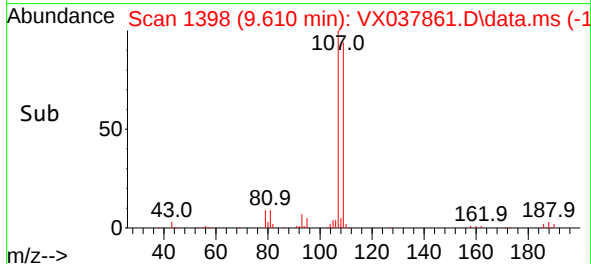
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 155598
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

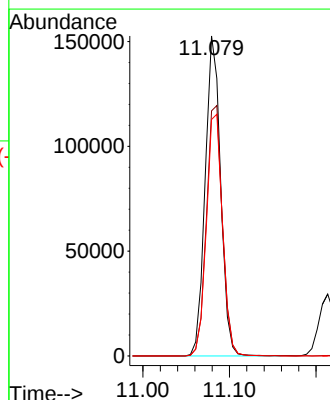
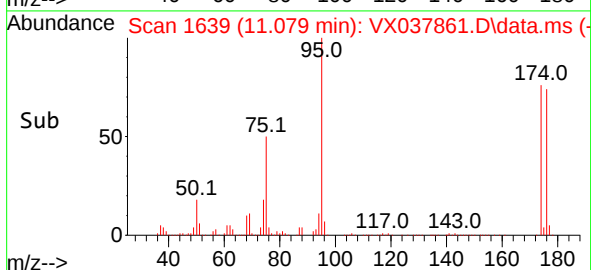
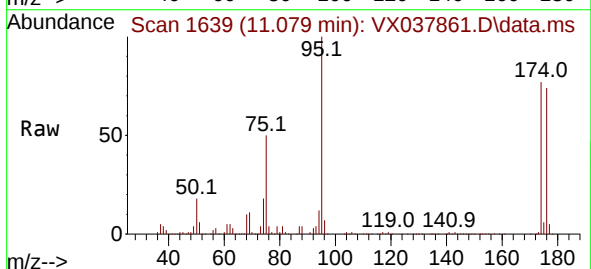
Manual Integrations
APPROVED

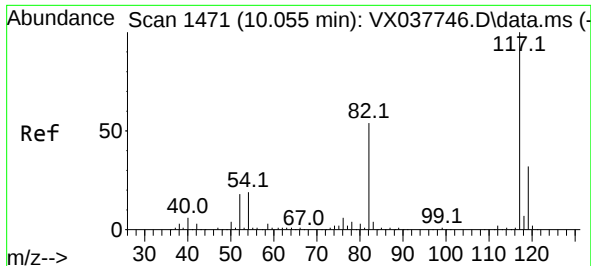
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#62
4-Bromofluorobenzene
Concen: 55.920 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

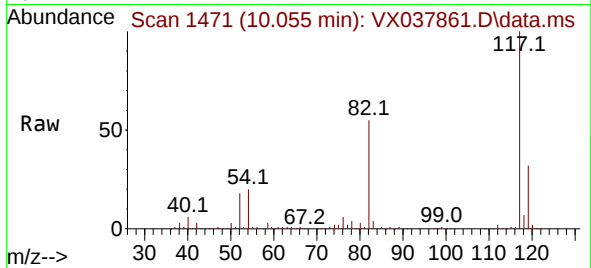
Tgt Ion: 95 Resp: 188573
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 79.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

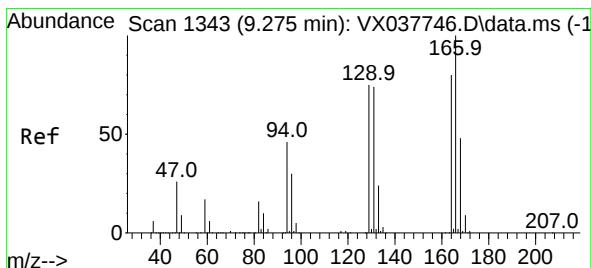
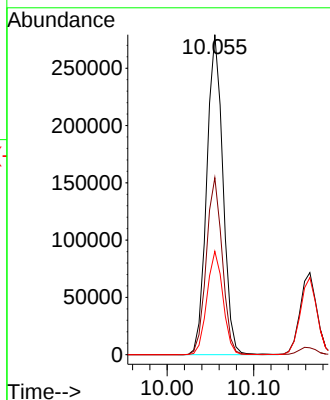
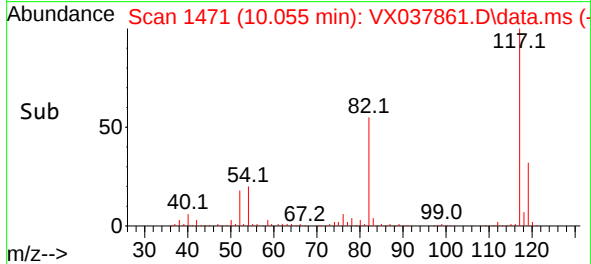
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 362200
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.3 25.5 38.3

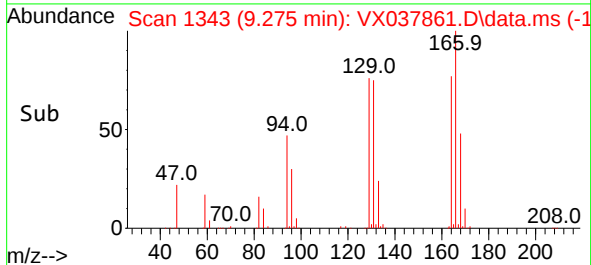
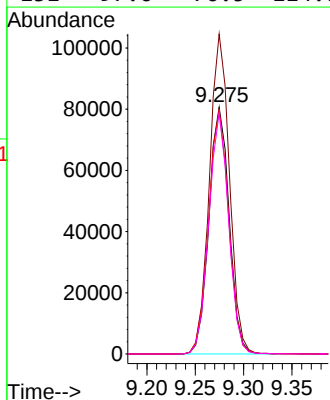
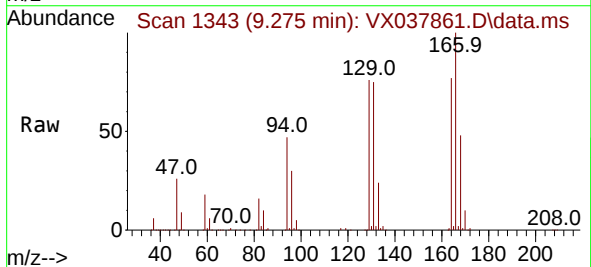
Manual Integrations
APPROVED

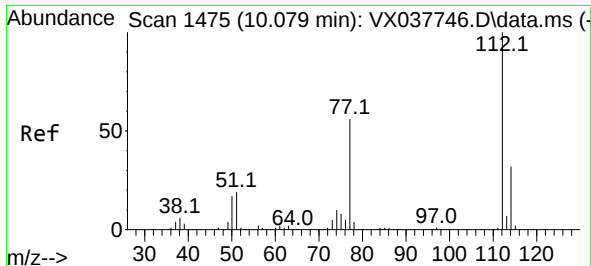
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#64
Tetrachloroethene
Concen: 47.544 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

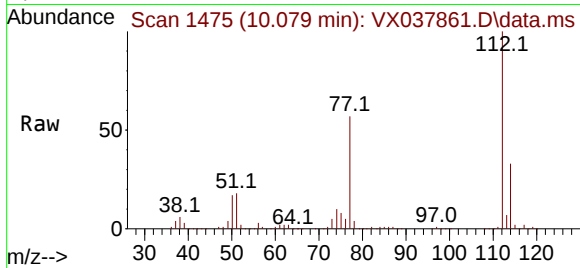
Tgt Ion:164 Resp: 117443
Ion Ratio Lower Upper
164 100
166 129.7 102.7 154.1
129 98.9 80.4 120.6
131 97.6 76.5 114.7





#65
Chlorobenzene
Concen: 47.344 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

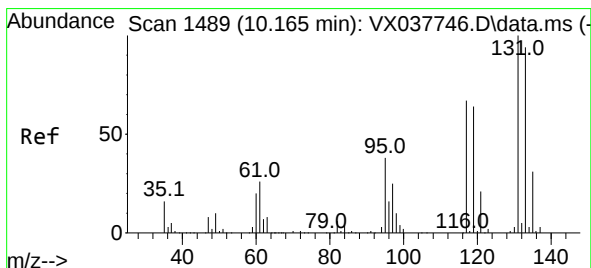
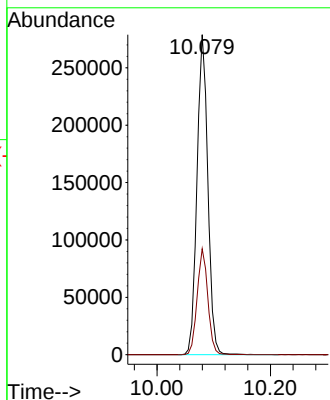
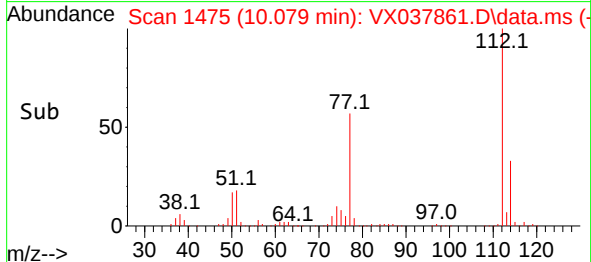
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



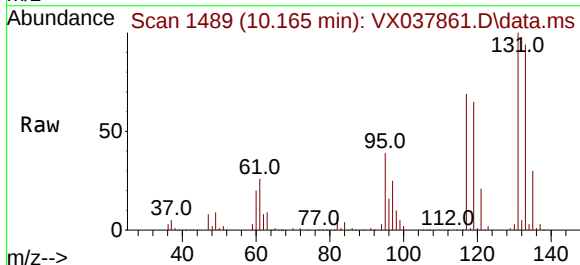
Tgt Ion:112 Resp: 36989
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5

Manual Integrations
APPROVED

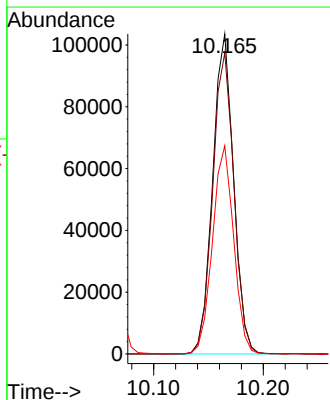
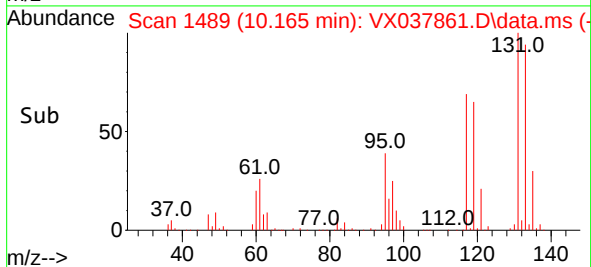
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

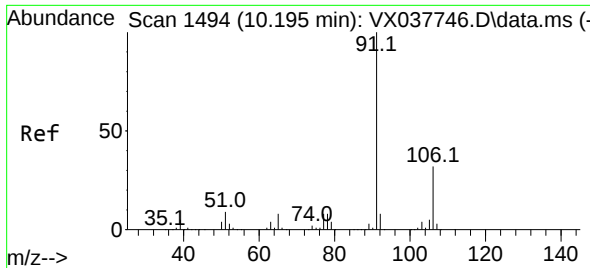


#66
1,1,1,2-Tetrachloroethane
Concen: 49.535 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32



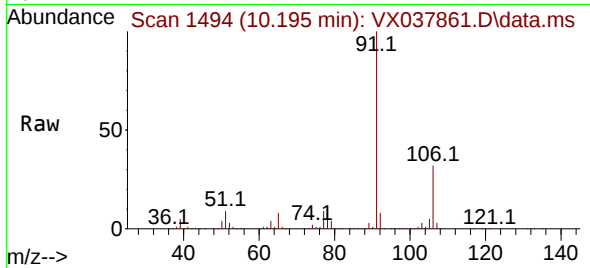
Tgt Ion:131 Resp: 137149
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 66.1 32.2 96.6





#67
Ethyl Benzene
Concen: 48.537 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

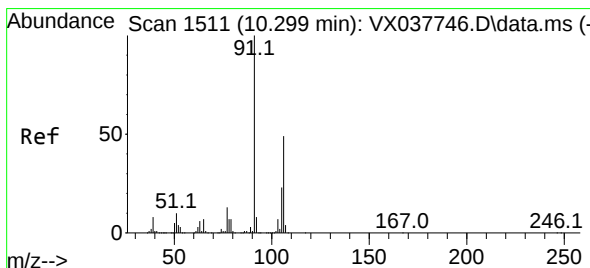
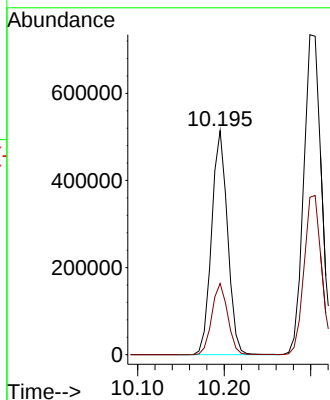
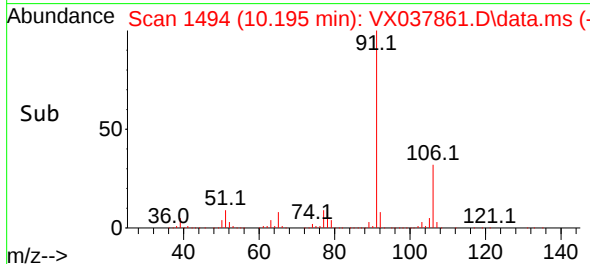
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



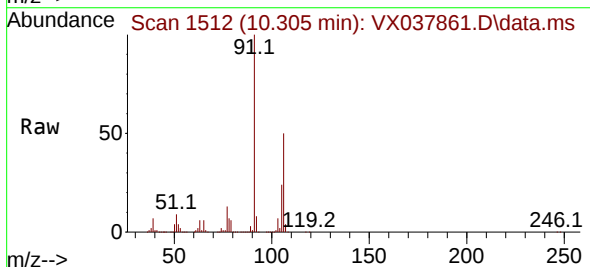
Tgt Ion: 91 Resp: 65745
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

Manual Integrations
APPROVED

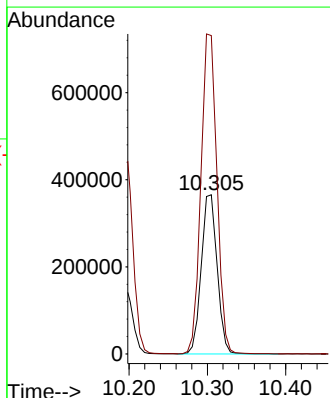
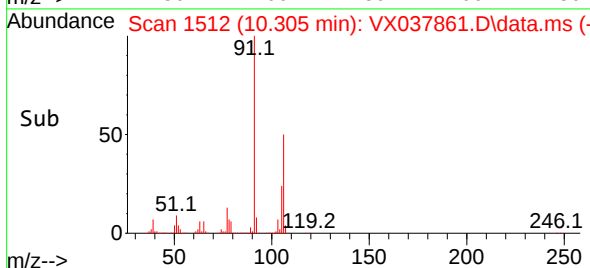
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

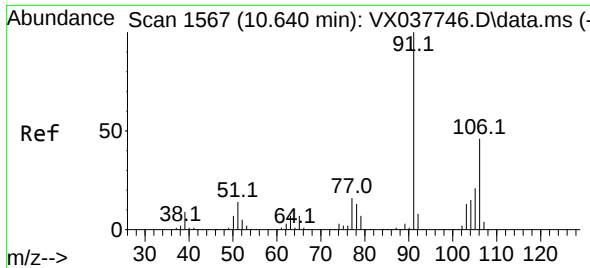


#68
m/p-Xylenes
Concen: 97.990 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32



Tgt Ion:106 Resp: 512897
Ion Ratio Lower Upper
106 100
91 203.1 165.5 248.3





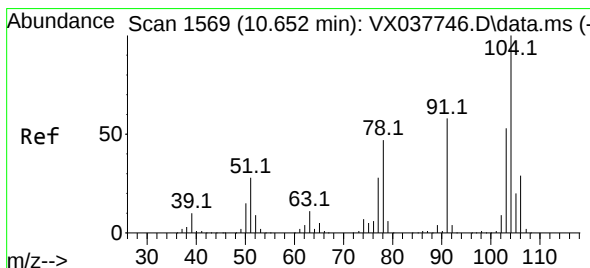
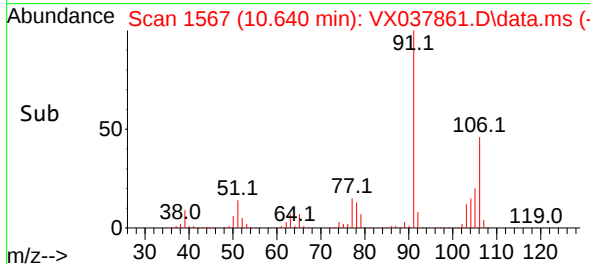
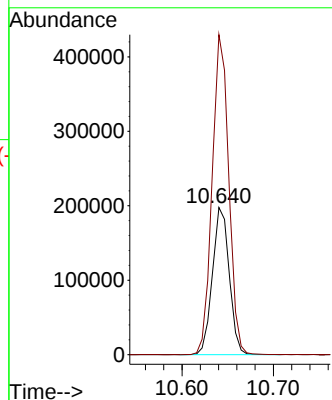
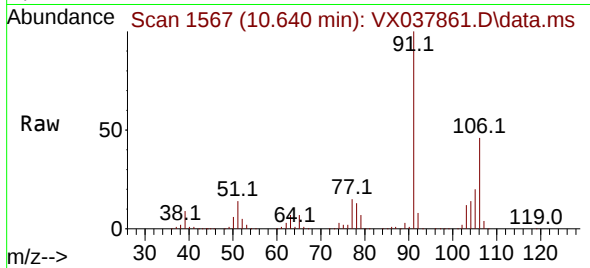
#69
o-Xylene
Concen: 48.034 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 252119
Ion Ratio Lower Upper
106 100
91 214.6 108.9 326.8

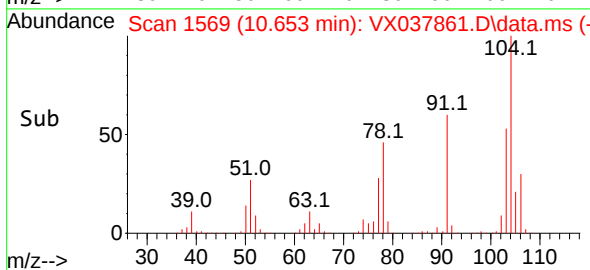
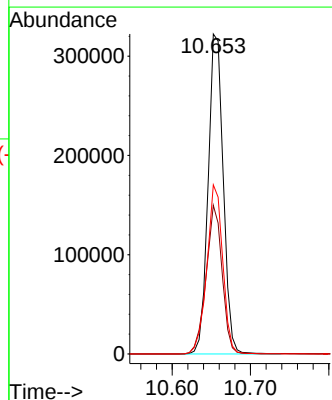
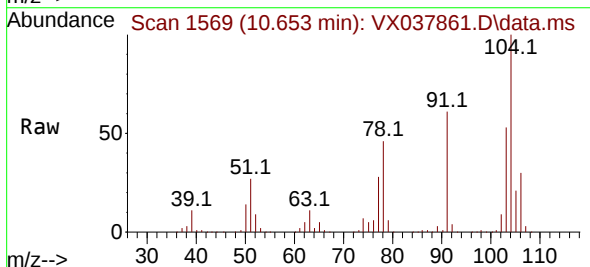
Manual Integrations
APPROVED

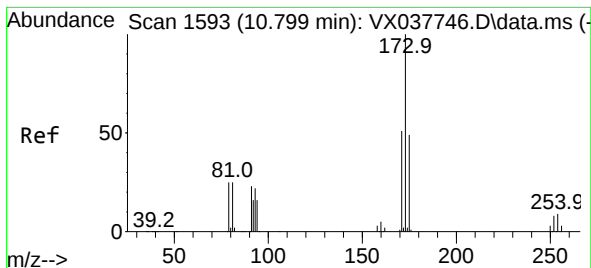
Reviewed By :John Carbone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#70
Styrene
Concen: 51.274 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

Tgt Ion:104 Resp: 432048
Ion Ratio Lower Upper
104 100
78 49.2 43.6 65.4
103 55.5 43.6 65.4





#71

Bromoform

Concen: 52.138 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 11403

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.4

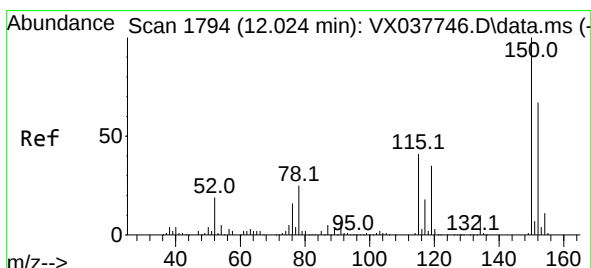
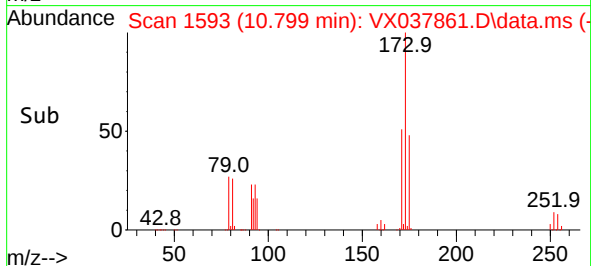
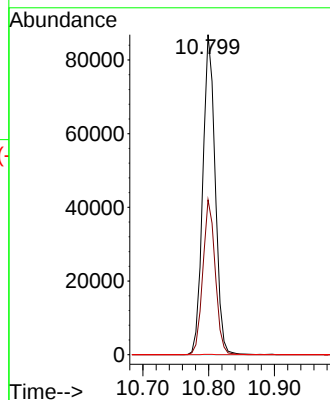
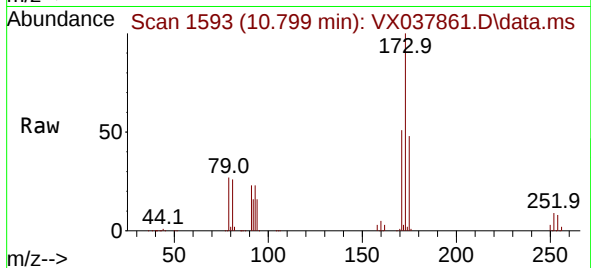
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

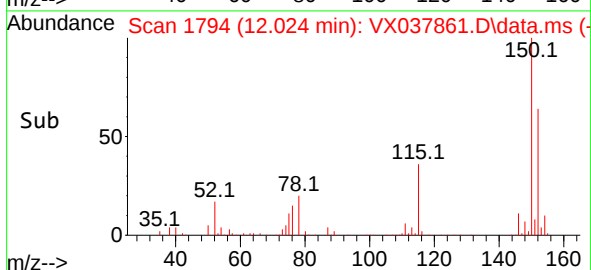
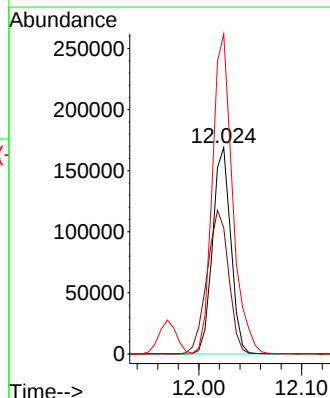
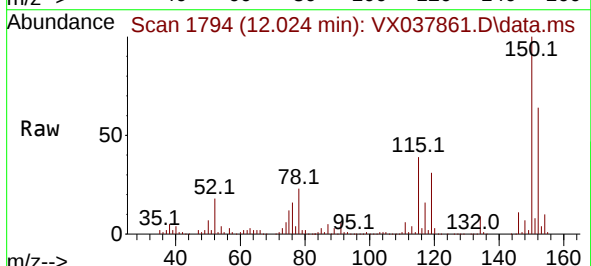
Tgt Ion:152 Resp: 207138

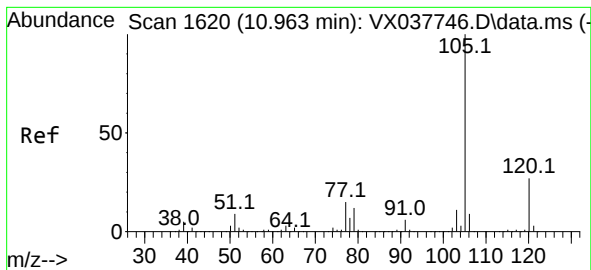
Ion Ratio Lower Upper

152 100

115 83.4 43.3 129.9

150 171.5 0.0 345.0





#73

Isopropylbenzene

Concen: 44.155 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 671014

Ion Ratio Lower Upper

105 100

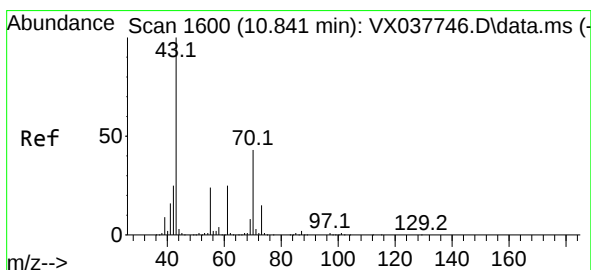
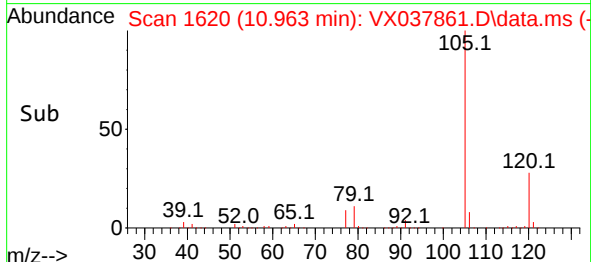
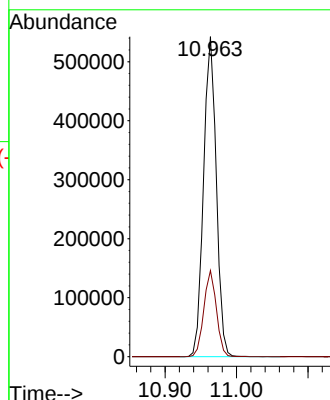
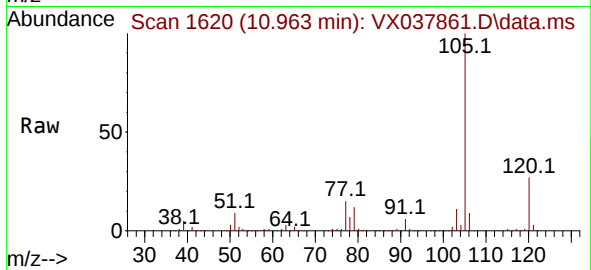
120 26.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#74

N-ethyl acetate

Concen: 44.321 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Tgt Ion: 43 Resp: 272773

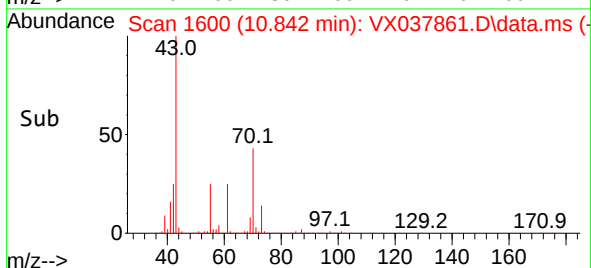
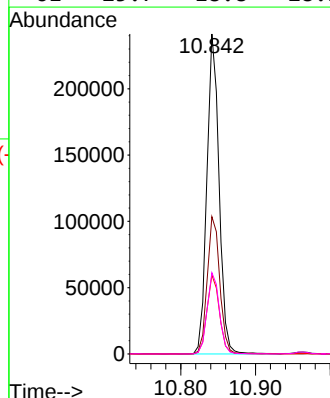
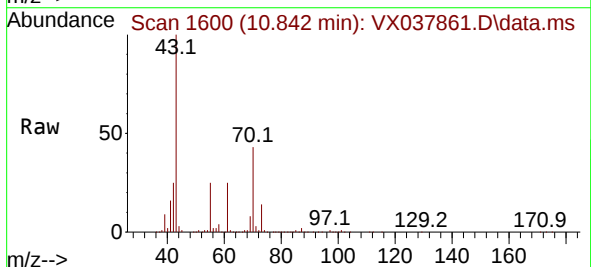
Ion Ratio Lower Upper

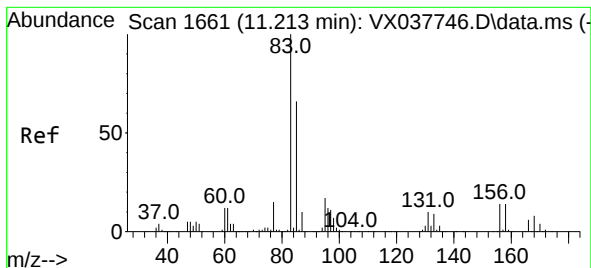
43 100

70 44.4 32.9 49.3

55 25.2 19.3 28.9

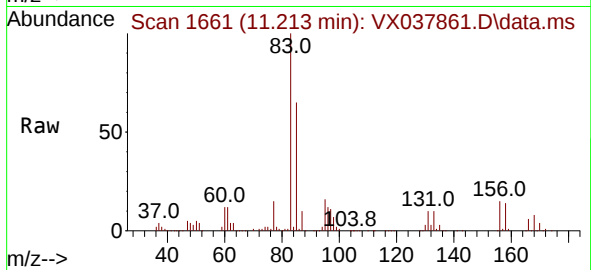
61 25.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 44.419 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

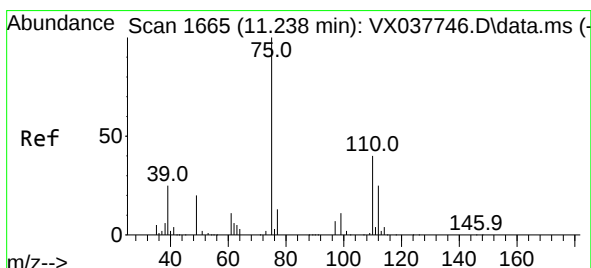
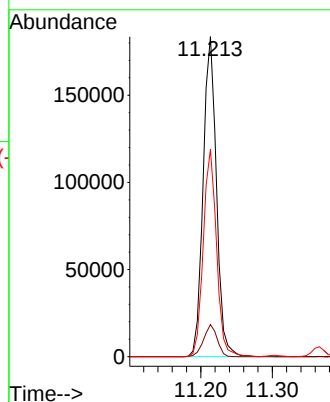
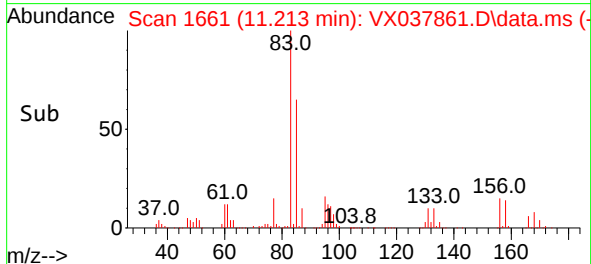
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



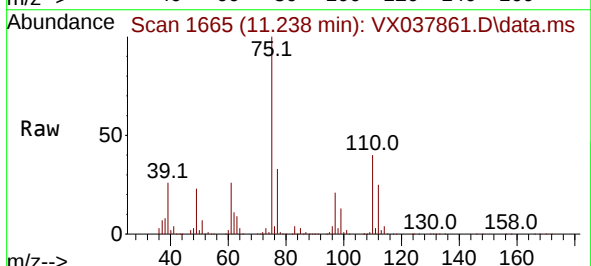
Tgt Ion: 83 Resp: 237402
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 64.5 32.0 96.2

Manual Integrations
APPROVED

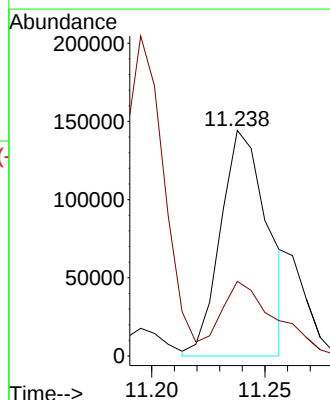
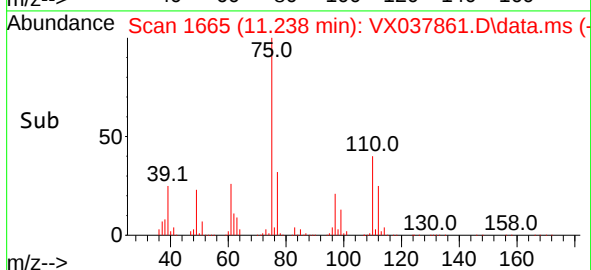
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

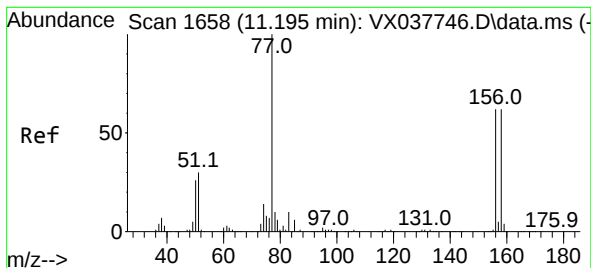


#76
1,2,3-Trichloropropane
Concen: 43.436 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32



Tgt Ion: 75 Resp: 208098
Ion Ratio Lower Upper
75 100
77 38.9 19.1 57.5





#77

Bromobenzene

Concen: 45.468 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 171020

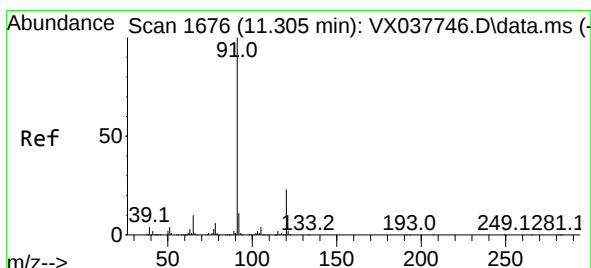
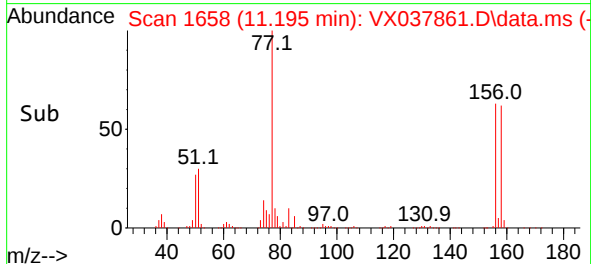
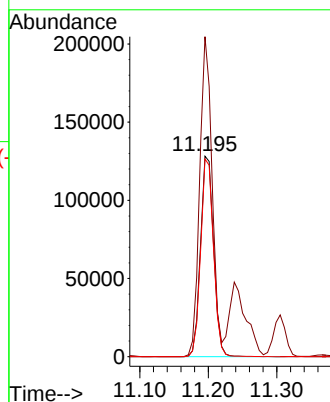
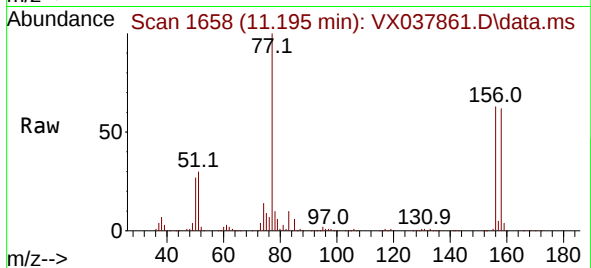
Ion	Ratio	Lower	Upper
156	100		
77	151.0	88.4	265.3
158	96.7	48.0	144.0

Manual Integrations

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Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#78

n-propylbenzene

Concen: 46.436 ug/l

RT: 11.305 min Scan# 1676

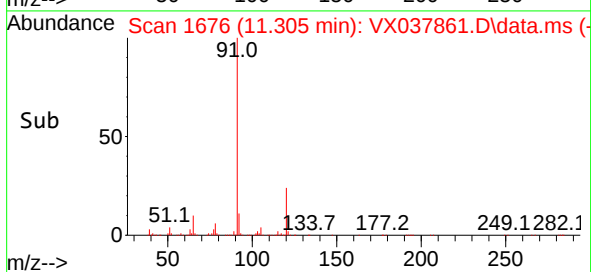
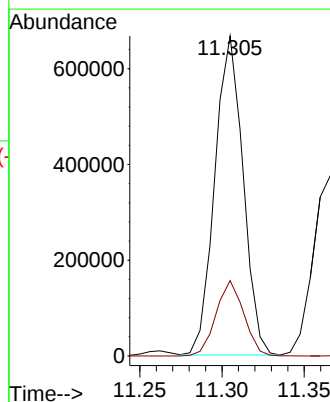
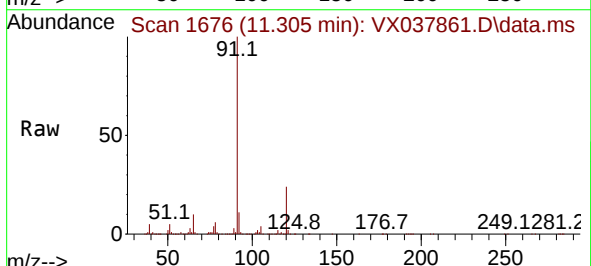
Delta R.T. -0.000 min

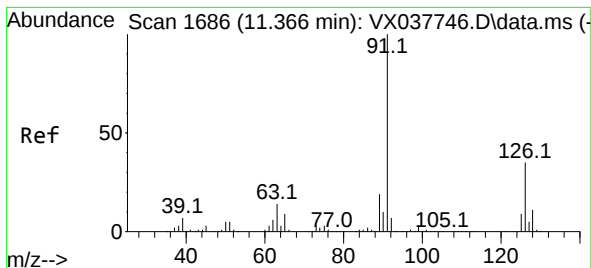
Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Tgt Ion: 91 Resp: 796951

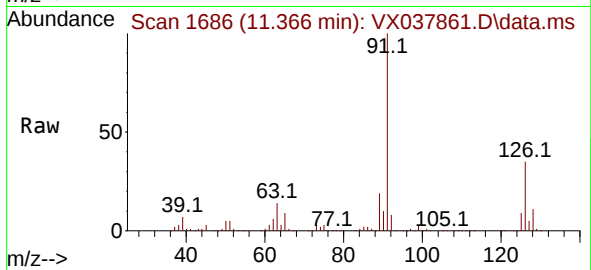
Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.4





#79
2-Chlorotoluene
Concen: 44.209 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

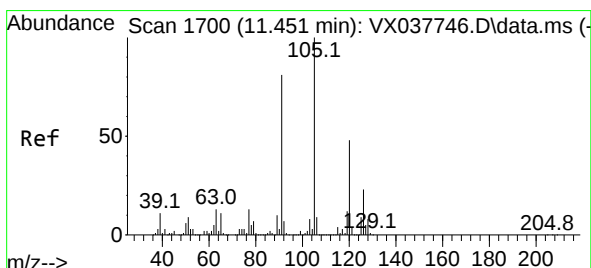
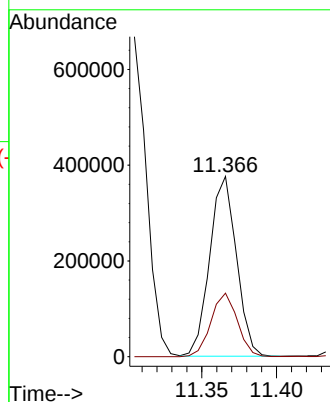
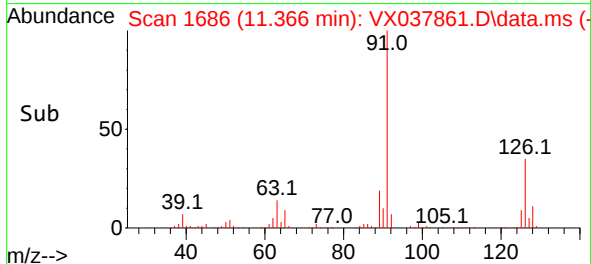
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



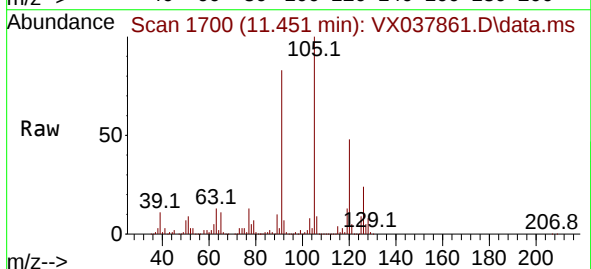
Tgt Ion: 91 Resp: 467824
Ion Ratio Lower Upper
91 100
126 34.9 16.3 48.8

Manual Integrations
APPROVED

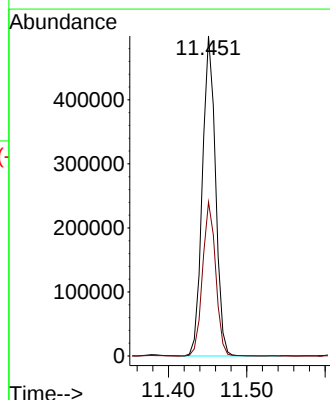
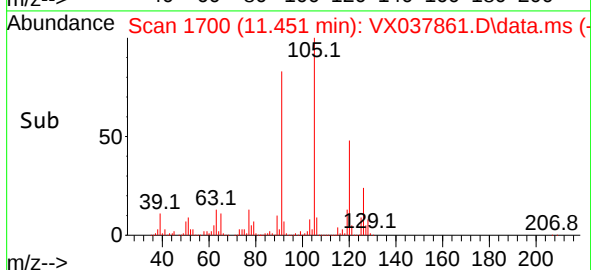
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

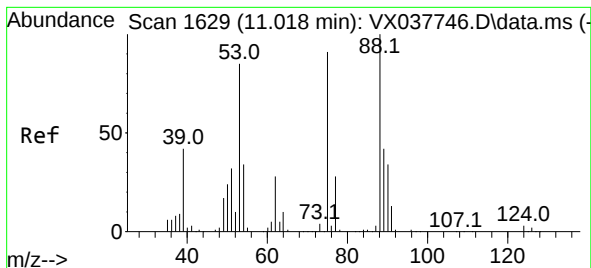


#80
1,3,5-Trimethylbenzene
Concen: 45.332 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32



Tgt Ion:105 Resp: 581776
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





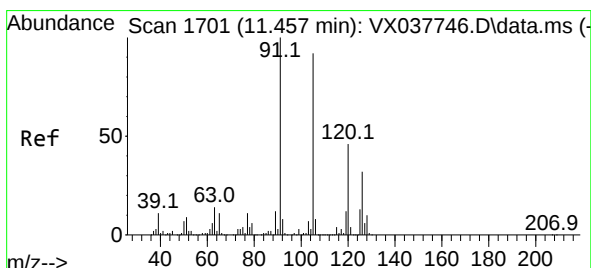
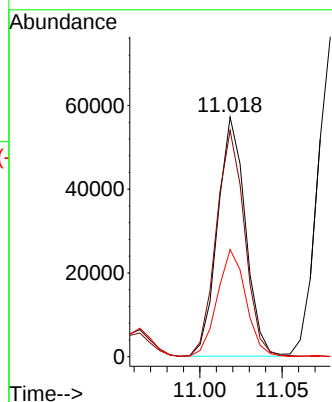
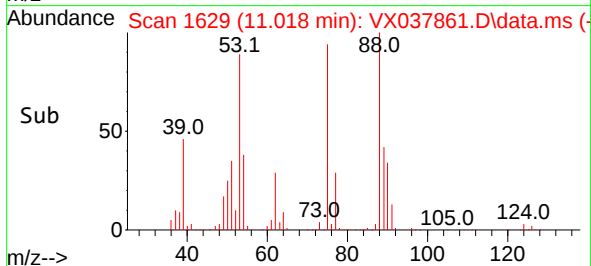
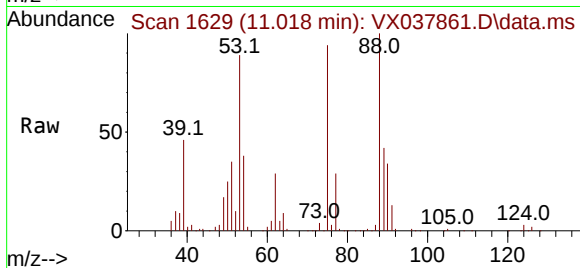
#81
trans-1,4-Dichloro-2-butene
Concen: 44.977 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 6726
Ion Ratio Lower Upper
75 100
53 96.4 90.5 135.7
89 45.9 36.9 55.3

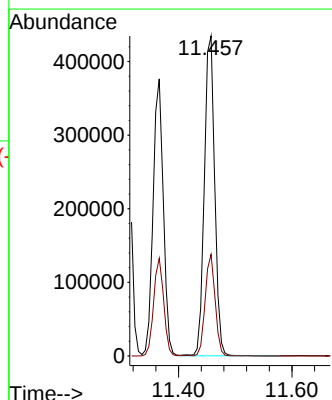
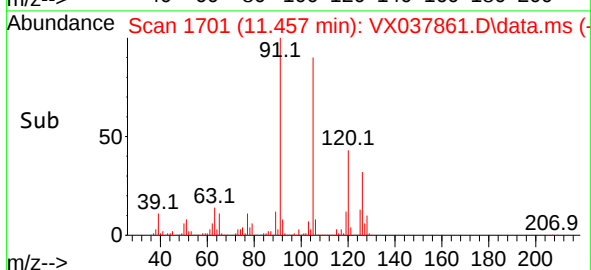
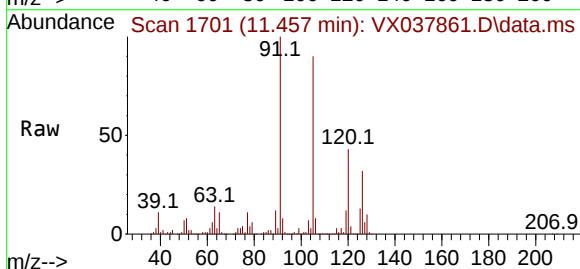
Manual Integrations
APPROVED

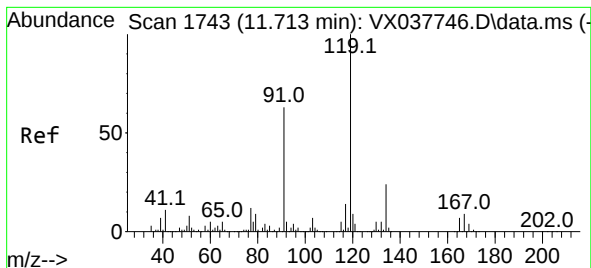
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#82
4-Chlorotoluene
Concen: 46.152 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

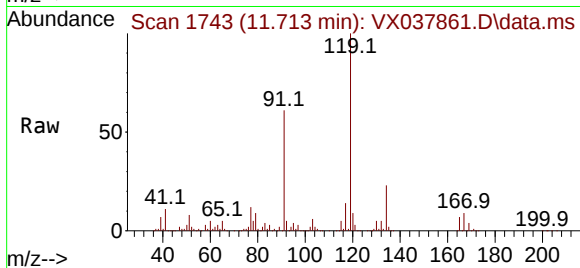
Tgt Ion: 91 Resp: 549827
Ion Ratio Lower Upper
91 100
126 30.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 45.714 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

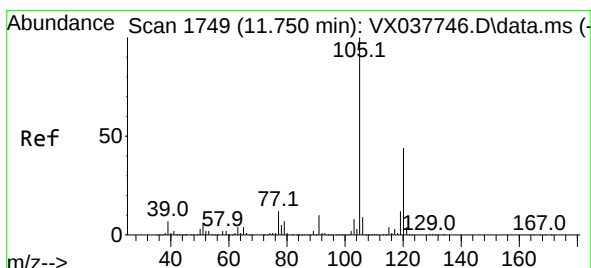
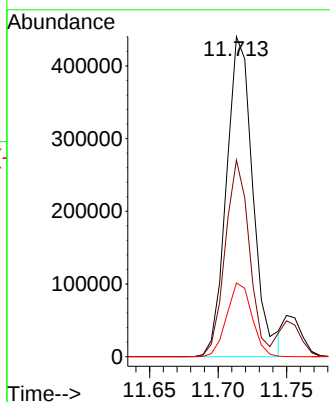
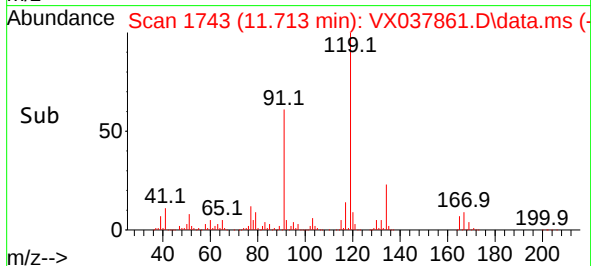
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



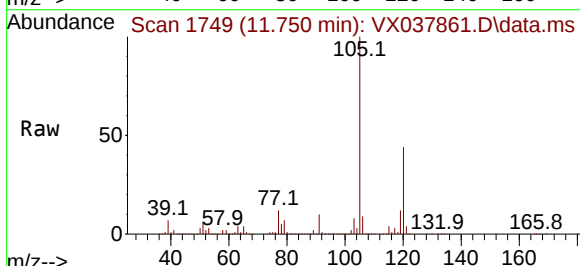
Tgt Ion:119 Resp: 592940
Ion Ratio Lower Upper
119 100
91 56.3 31.2 93.6
134 22.0 11.7 35.0

Manual Integrations
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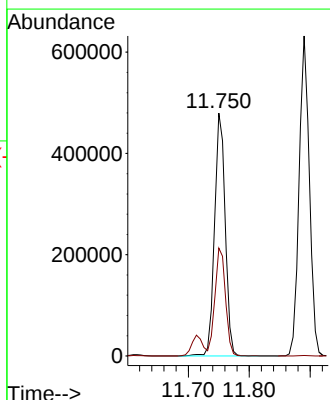
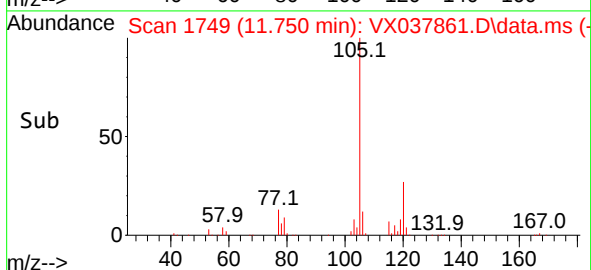
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

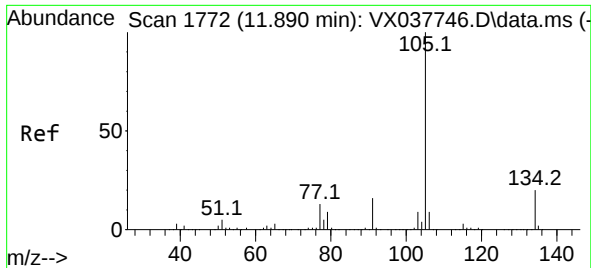


#84
1,2,4-Trimethylbenzene
Concen: 45.550 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32



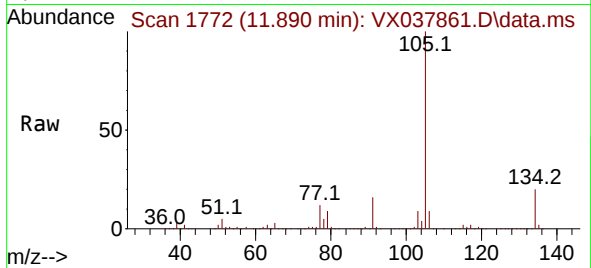
Tgt Ion:105 Resp: 581614
Ion Ratio Lower Upper
105 100
120 44.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.026 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037861.D
 Acq: 21 Sep 2023 17:32

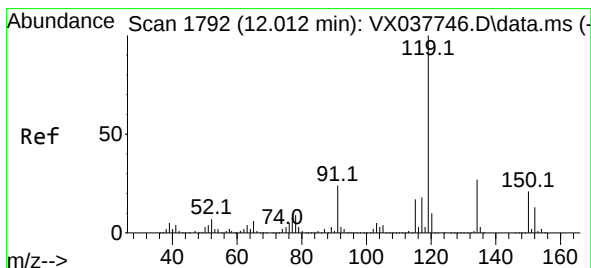
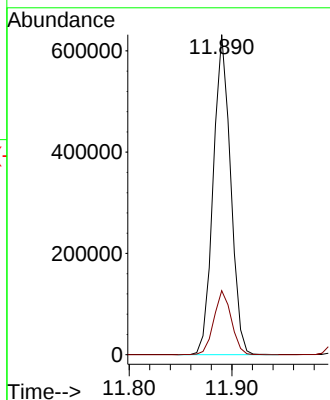
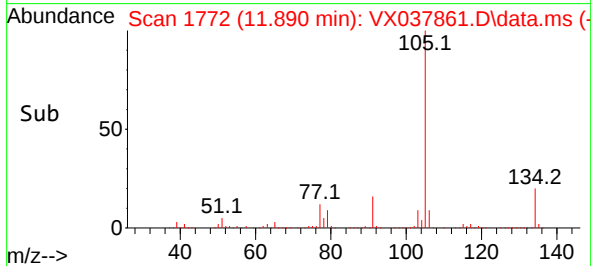
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



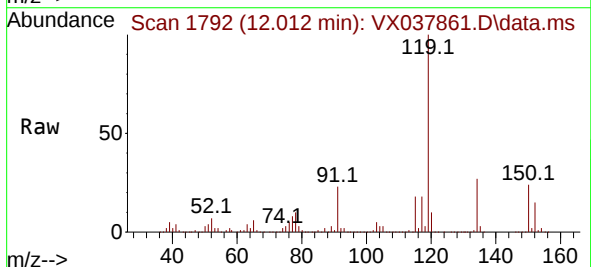
Tgt Ion:105 Resp: 73999
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations
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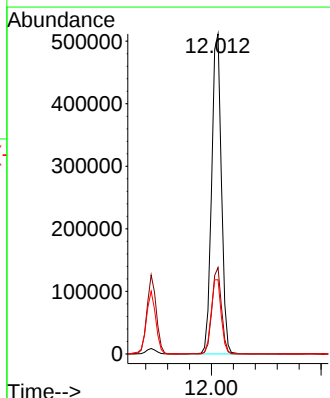
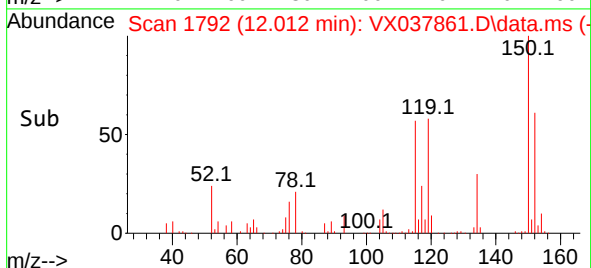
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023

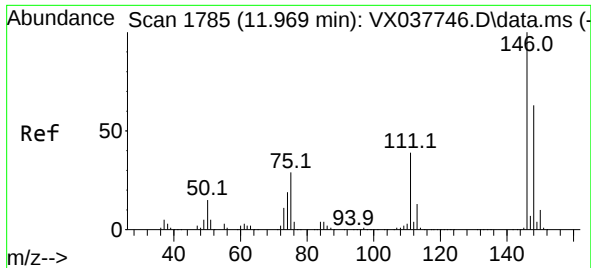


#86
 p-Isopropyltoluene
 Concen: 47.835 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037861.D
 Acq: 21 Sep 2023 17:32



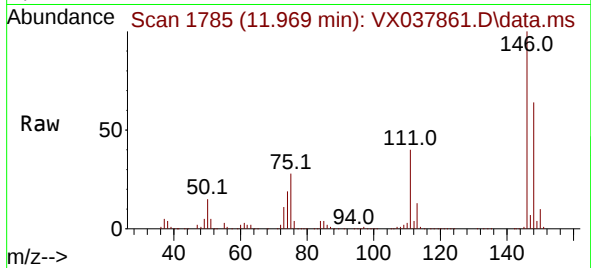
Tgt Ion:119 Resp: 627137
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 23.8 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 47.260 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

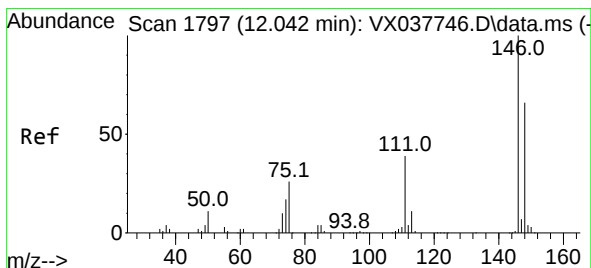
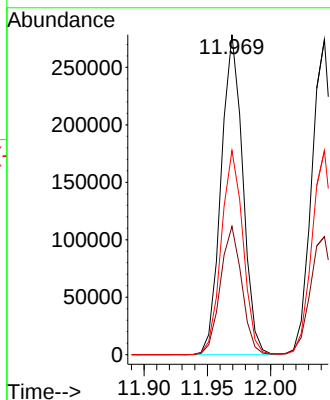
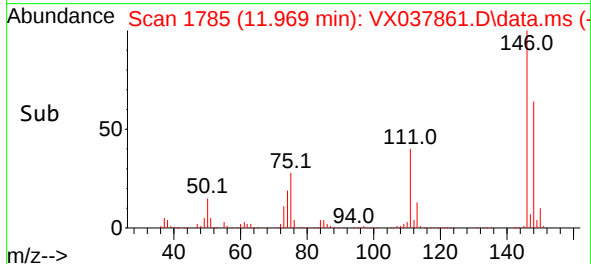
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



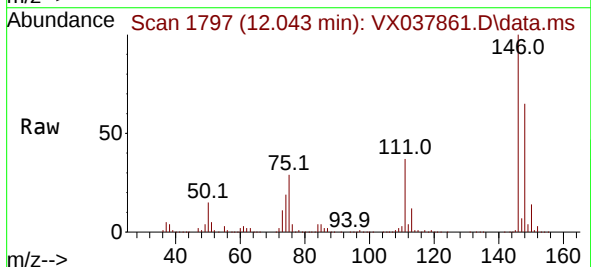
Tgt Ion:146 Resp: 331360
Ion Ratio Lower Upper
146 100
111 39.7 22.1 66.1
148 63.9 31.8 95.3

Manual Integrations
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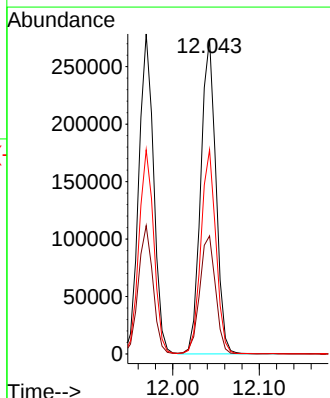
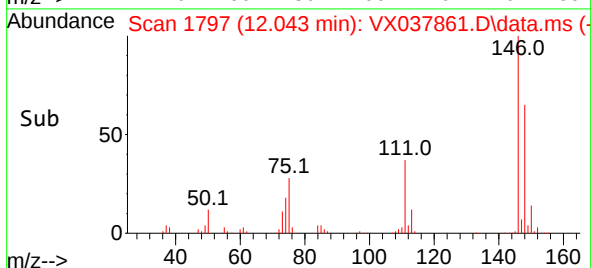
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

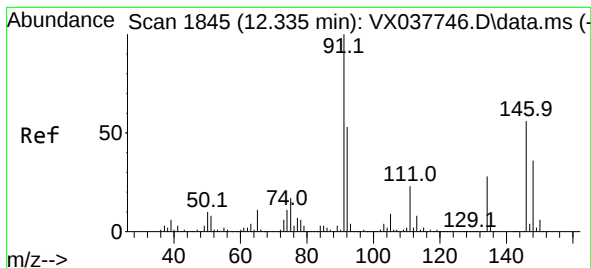


#88
1,4-Dichlorobenzene
Concen: 46.432 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32



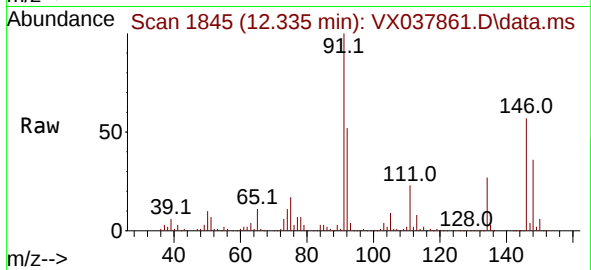
Tgt Ion:146 Resp: 333139
Ion Ratio Lower Upper
146 100
111 39.3 21.3 63.7
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 51.317 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

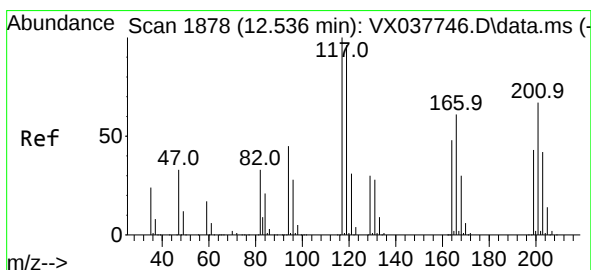
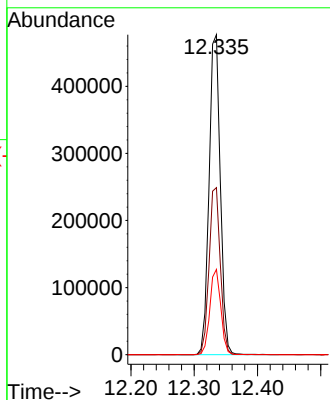
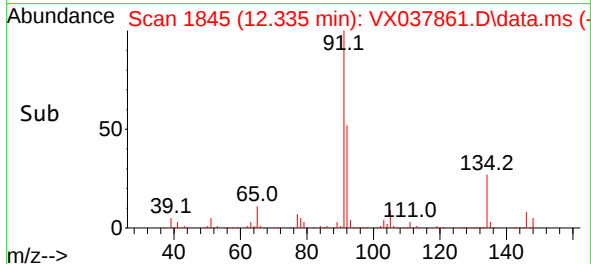
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 58938
Ion Ratio Lower Upper
91 100
92 52.3 27.4 82.0
134 26.0 12.6 37.8

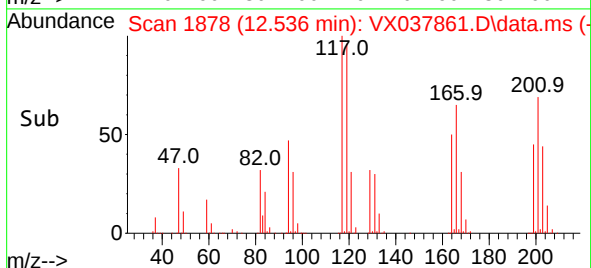
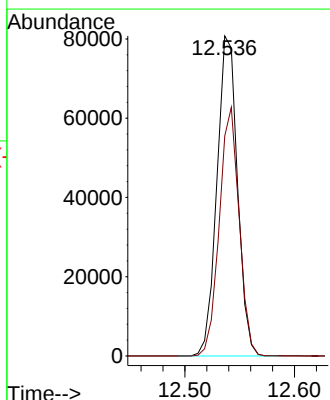
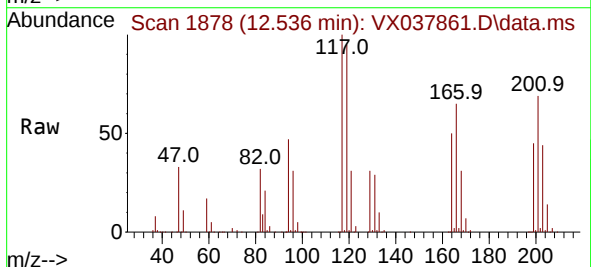
Manual Integrations
APPROVED

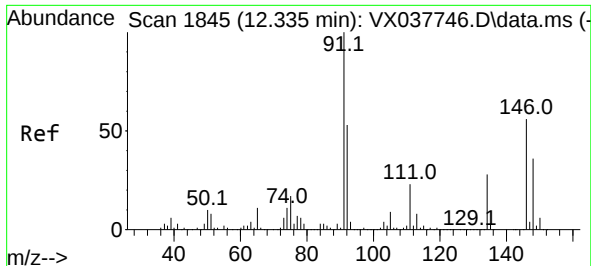
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#90
Hexachloroethane
Concen: 47.364 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

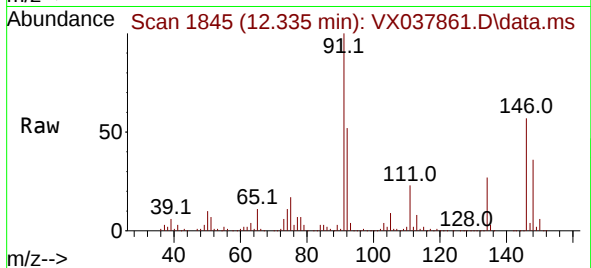
Tgt Ion:117 Resp: 105212
Ion Ratio Lower Upper
117 100
201 74.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 46.137 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

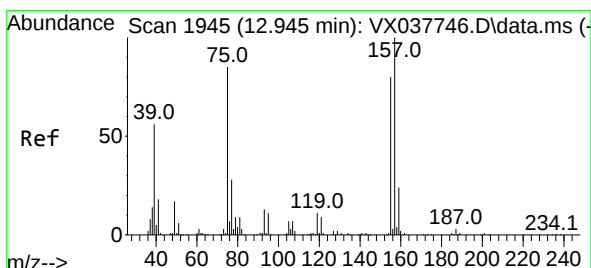
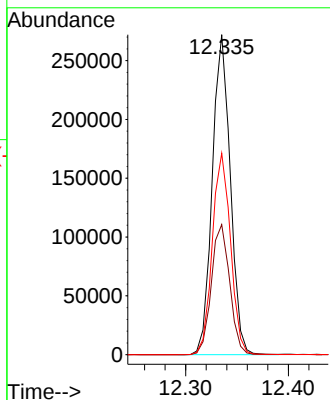
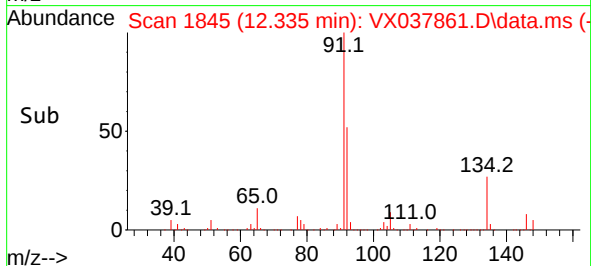
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



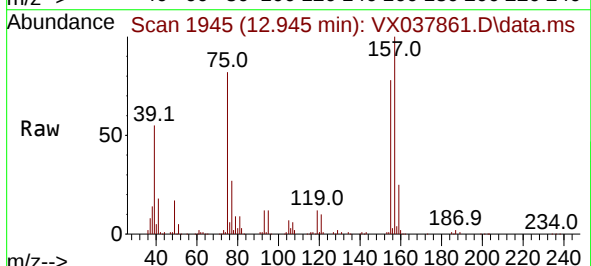
Tgt Ion:146 Resp: 330270
Ion Ratio Lower Upper
146 100
111 41.6 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

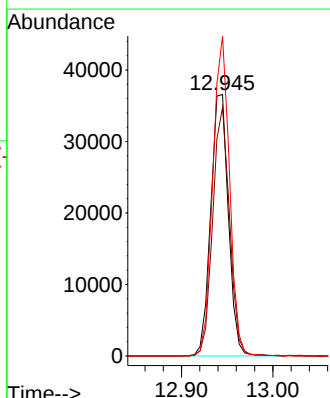
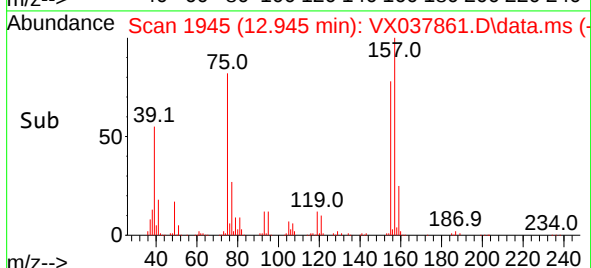
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

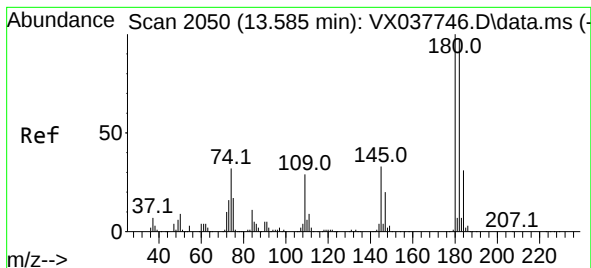


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.065 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32



Tgt Ion: 75 Resp: 49076
Ion Ratio Lower Upper
75 100
155 90.9 36.1 108.5
157 115.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.103 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

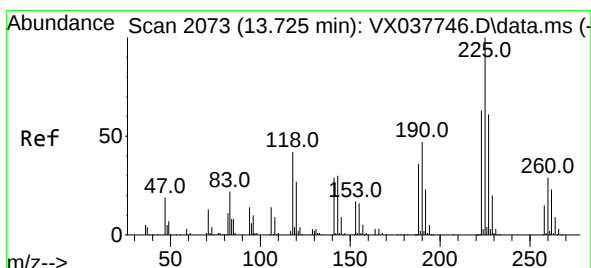
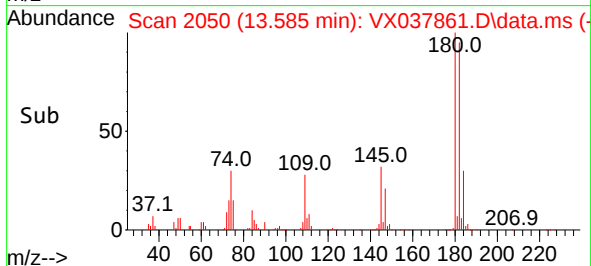
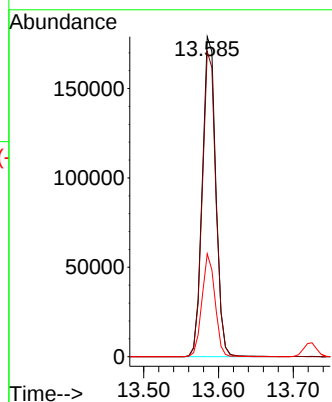
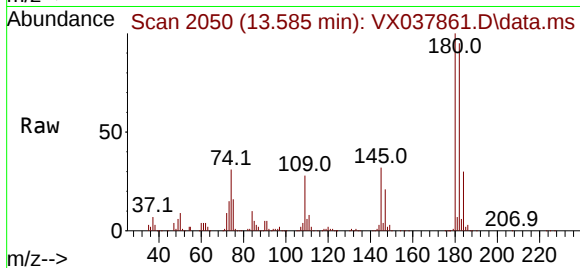
Tgt Ion:180	Resp: 22392
Ion Ratio	Lower Upper
180 100	
182 95.7	48.3 144.8
145 31.1	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#94

Hexachlorobutadiene

Concen: 51.222 ug/l

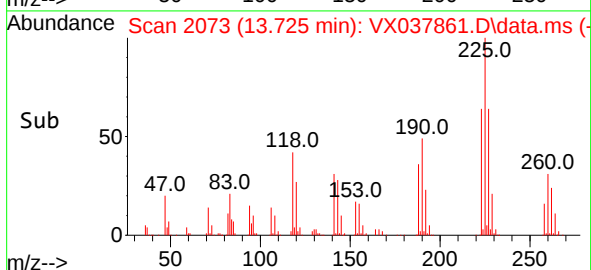
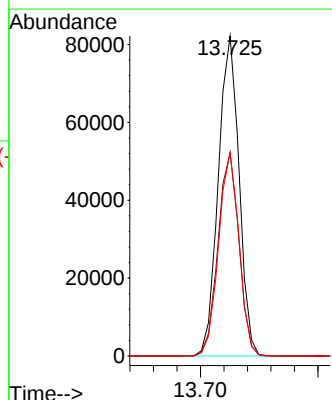
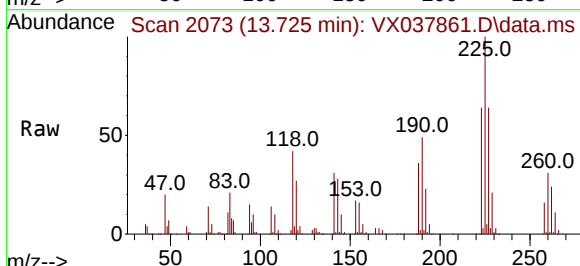
RT: 13.725 min Scan# 2073

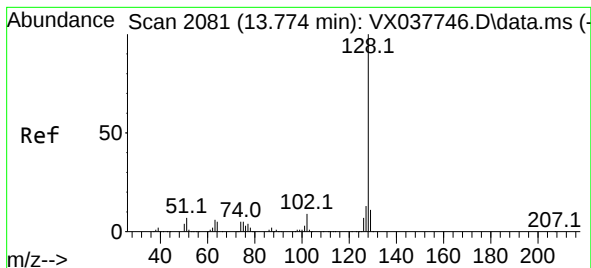
Delta R.T. -0.000 min

Lab File: VX037861.D

Acq: 21 Sep 2023 17:32

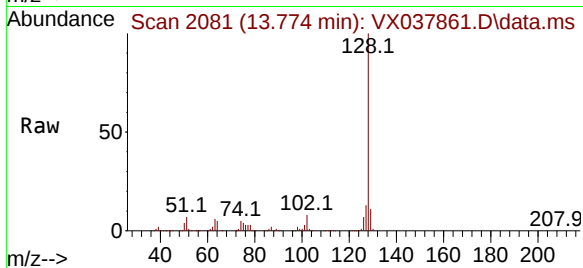
Tgt Ion:225	Resp: 100866
Ion Ratio	Lower Upper
225 100	
223 63.7	31.1 93.2
227 62.5	32.5 97.5





#95
Naphthalene
Concen: 49.404 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

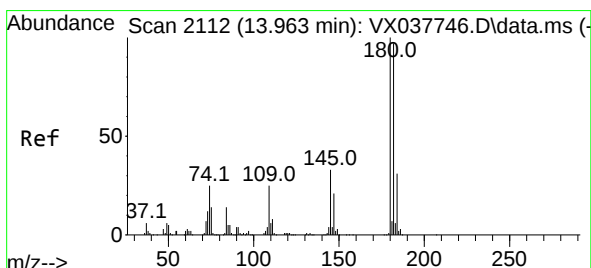
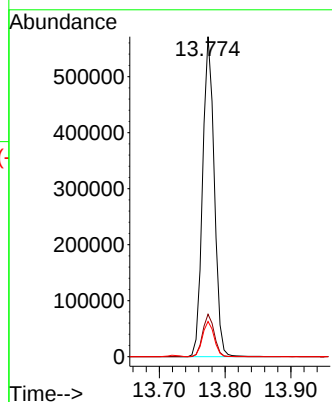
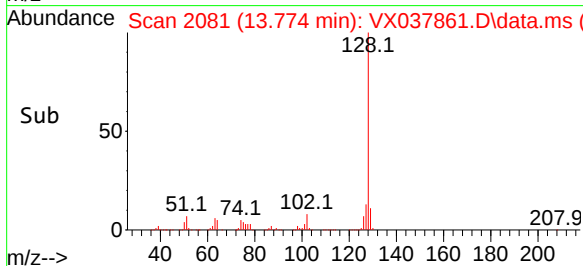
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 704554
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.140 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037861.D
Acq: 21 Sep 2023 17:32

Tgt Ion:180 Resp: 217583
Ion Ratio Lower Upper
180 100
182 94.6 46.9 140.6
145 32.4 17.8 53.5

