

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037841.D
 Acq On : 21 Sep 2023 09:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 04:37:01 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	264985	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	418249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	404982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	231627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170334	48.925	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.860%		
35) Dibromofluoromethane	5.379	113	148557	53.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.160%		
50) Toluene-d8	8.647	98	554716	53.347	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.700%		
62) 4-Bromofluorobenzene	11.079	95	217044	57.441	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	141650	50.716	ug/l	97
3) Chloromethane	1.294	50	143358	47.174	ug/l	97
4) Vinyl Chloride	1.374	62	162997	49.717	ug/l	99
5) Bromomethane	1.599	94	127639	54.382	ug/l	100
6) Chloroethane	1.685	64	108824	48.183	ug/l	99
7) Trichlorofluoromethane	1.886	101	277648	52.677	ug/l	100
8) Diethyl Ether	2.130	74	100058	48.999	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	146382	54.724	ug/l	96
10) Methyl Iodide	2.453	142	170717	48.227	ug/l	92
11) Tert butyl alcohol	2.953	59	155918	208.643	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	132590	51.289	ug/l	87
13) Acrolein	2.233	56	190714	258.329	ug/l	99
14) Allyl chloride	2.660	41	216298	50.236	ug/l	# 95
15) Acrylonitrile	3.056	53	393072	236.575	ug/l	99
16) Acetone	2.374	43	398114	237.706	ug/l	# 89
17) Carbon Disulfide	2.514	76	322790	49.802	ug/l	100
18) Methyl Acetate	2.697	43	285101	47.189	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	481002	50.580	ug/l	100
20) Methylene Chloride	2.788	84	159595	51.543	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	151689	52.842	ug/l	89
22) Diisopropyl ether	3.757	45	462668	51.588	ug/l	# 87
23) Vinyl Acetate	3.715	43	1711521	259.446	ug/l	95
24) 1,1-Dichloroethane	3.605	63	273941	50.972	ug/l	100
25) 2-Butanone	4.550	43	546639	231.290	ug/l	91
26) 2,2-Dichloropropane	4.471	77	238746	54.978	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	182053	51.731	ug/l	90
28) Bromochloromethane	4.891	49	111635	44.525	ug/l	83
29) Tetrahydrofuran	4.995	42	334246	227.363	ug/l	89
30) Chloroform	5.086	83	299496	51.731	ug/l	97
31) Cyclohexane	5.464	56	234723	52.528	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	264465	53.949	ug/l	97
36) 1,1-Dichloropropene	5.690	75	214992	55.768	ug/l	96
37) Ethyl Acetate	4.702	43	209634	49.464	ug/l	97
38) Carbon Tetrachloride	5.672	117	231321	57.348	ug/l	98
39) Methylcyclohexane	7.379	83	281322	57.497	ug/l	92
40) Benzene	6.031	78	631951	53.307	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	113198	52.383	ug/l #	90
42) 1,2-Dichloroethane	6.080	62	226960	52.969	ug/l	96
43) Isopropyl Acetate	6.336	43	353983	52.234	ug/l	96
44) Trichloroethene	7.123	130	173832	52.653	ug/l	97
45) 1,2-Dichloropropane	7.428	63	165364	53.713	ug/l	100
46) Dibromomethane	7.580	93	121435	54.833	ug/l	93
47) Bromodichloromethane	7.818	83	234394	57.468	ug/l	99
48) Methyl methacrylate	7.690	41	167858	51.814	ug/l #	87
49) 1,4-Dioxane	7.653	88	76119	896.247	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	1080946	251.405	ug/l	95
52) Toluene	8.714	92	418786	54.813	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	260337	61.044	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	272514	57.737	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	175599	54.513	ug/l	97
56) Ethyl methacrylate	9.116	69	264934	55.092	ug/l	91
57) 1,3-Dichloropropane	9.305	76	282132	54.125	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	537491	239.361	ug/l	99
59) 2-Hexanone	9.427	43	853686	255.007	ug/l	93
60) Dibromochloromethane	9.519	129	191677	59.732	ug/l	99
61) 1,2-Dibromoethane	9.610	107	188901	55.387	ug/l	100
64) Tetrachloroethene	9.269	164	150320	54.426	ug/l	97
65) Chlorobenzene	10.079	112	465005	53.232	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	176396	56.981	ug/l	99
67) Ethyl Benzene	10.189	91	842465	55.626	ug/l	100
68) m/p-Xylenes	10.299	106	656868	112.241	ug/l	97
69) o-Xylene	10.640	106	322228	54.907	ug/l	98
70) Styrene	10.653	104	545636	57.915	ug/l	95
71) Bromoform	10.799	173	144875	59.241	ug/l #	99
73) Isopropylbenzene	10.963	105	854947	50.311	ug/l	98
74) N-amyl acetate	10.842	43	341856	49.673	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	287088	48.037	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	264651m	49.400	ug/l	
77) Bromobenzene	11.195	156	214291	50.948	ug/l	88
78) n-propylbenzene	11.305	91	1035410	53.952	ug/l	99
79) 2-Chlorotoluene	11.360	91	597371	50.483	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	746671	52.030	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	88640	53.002	ug/l	86
82) 4-Chlorotoluene	11.451	91	705360	52.947	ug/l	95
83) tert-Butylbenzene	11.713	119	747736	51.554	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	745782	52.232	ug/l	98
85) sec-Butylbenzene	11.890	105	959509	54.529	ug/l	99
86) p-Isopropyltoluene	12.006	119	815488	55.626	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	421795	53.798	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	428796	53.446	ug/l	97
89) n-Butylbenzene	12.329	91	778029	60.581	ug/l	97
90) Hexachloroethane	12.536	117	140240	56.458	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	415946	51.961	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	58855	49.403	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	282991	60.015	ug/l	97
94) Hexachlorobutadiene	13.725	225	130925	59.457	ug/l	99
95) Naphthalene	13.774	128	860841	53.981	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	274029	56.472	ug/l	98

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Instrument :
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ClientSampleId :
VSTDCCC050

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

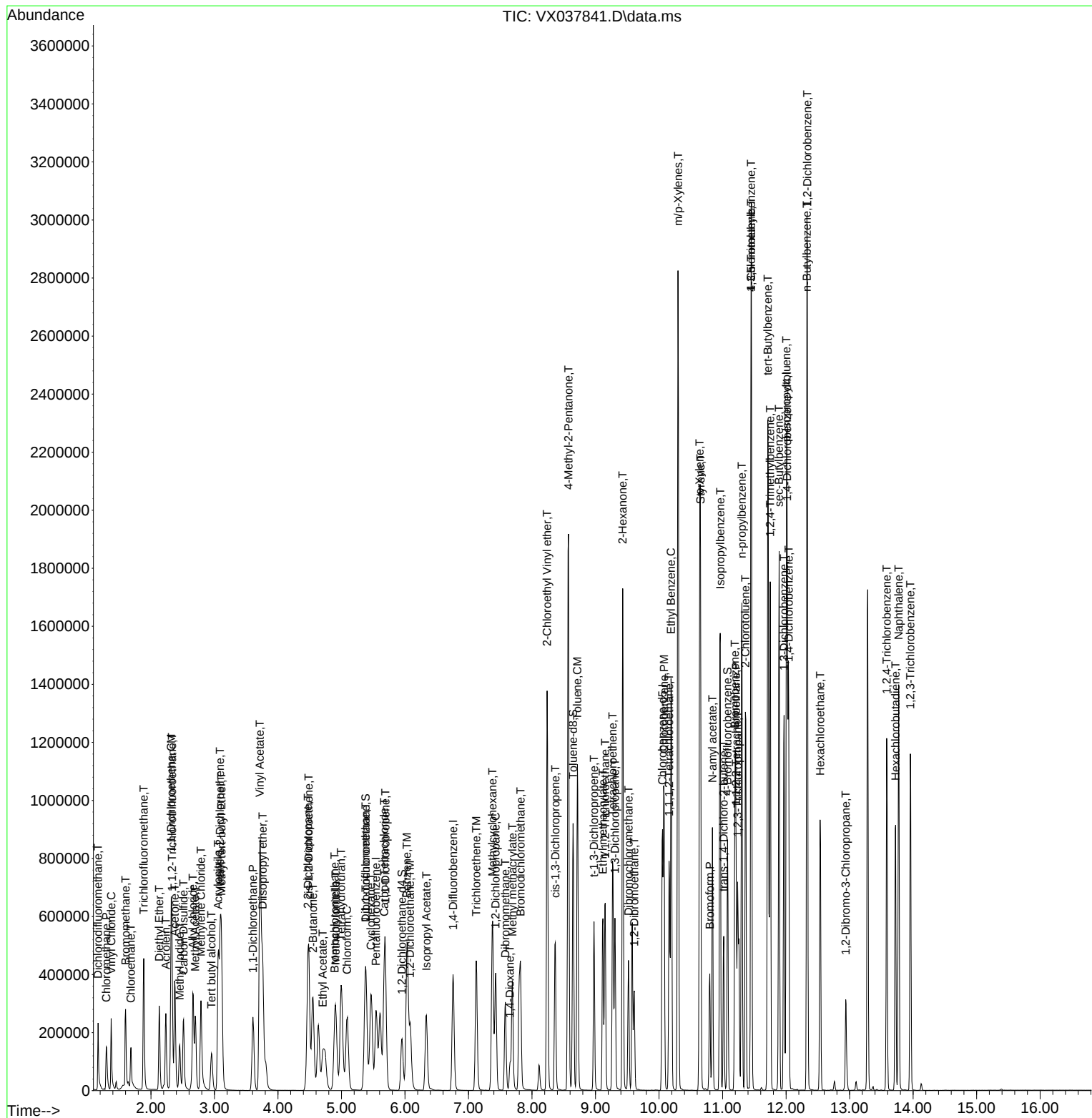
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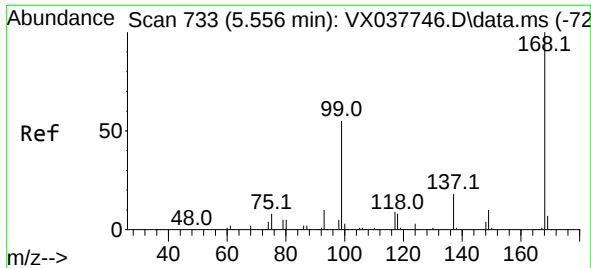
Instrument :
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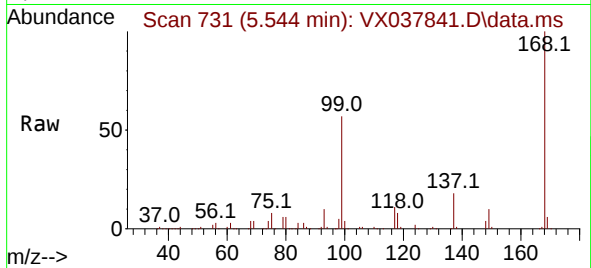
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

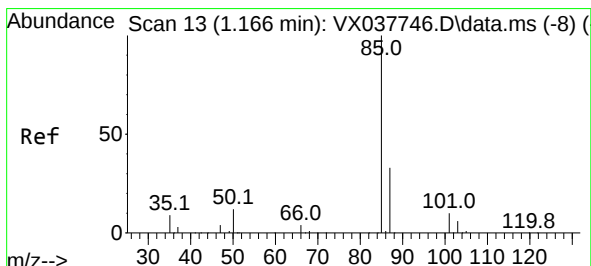
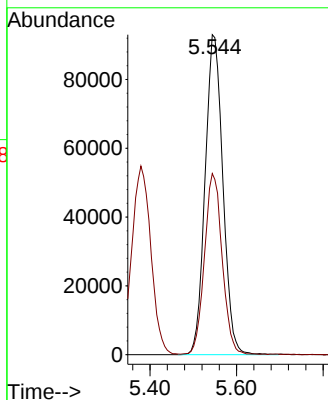
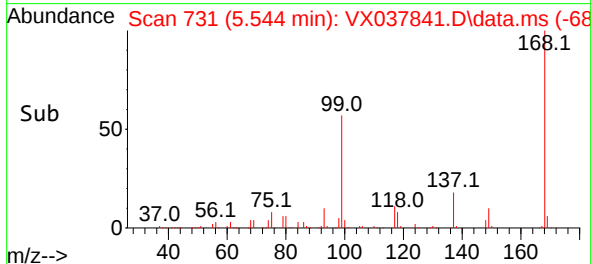
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:168 Resp: 26498
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0

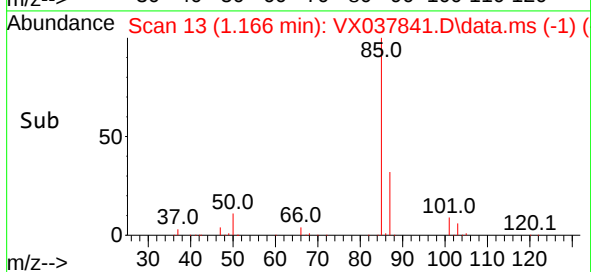
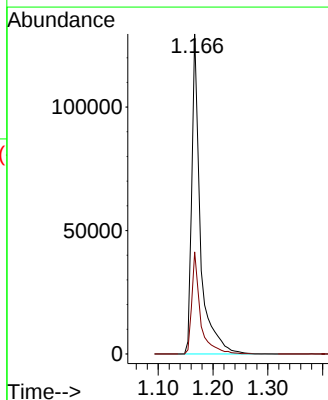
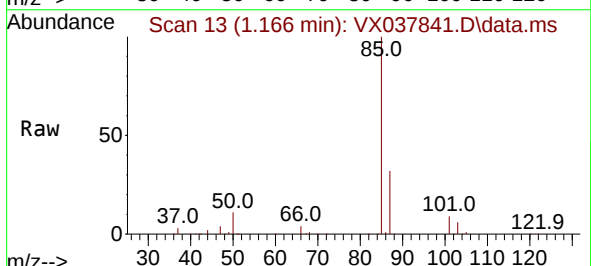
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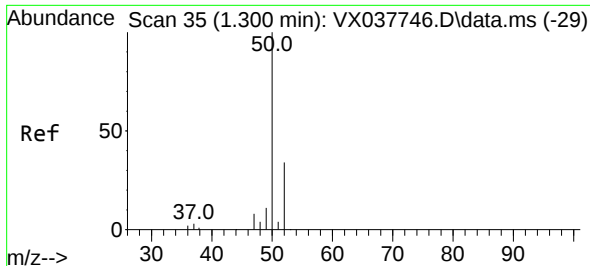
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#2
Dichlorodifluoromethane
Concen: 50.716 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

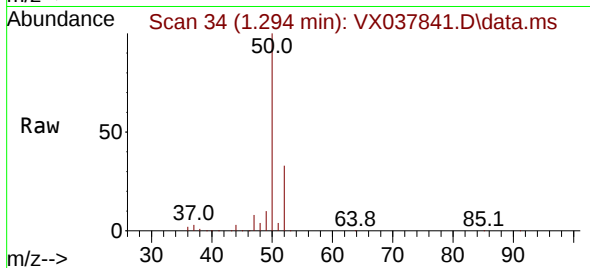
Tgt Ion: 85 Resp: 141650
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3
Chloromethane
Concen: 47.174 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

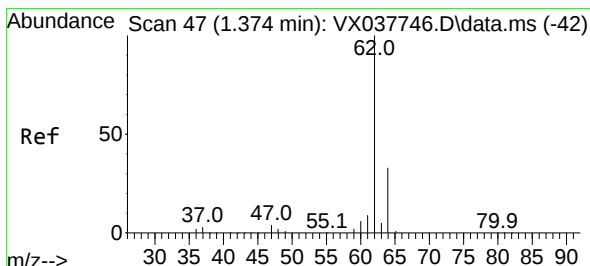
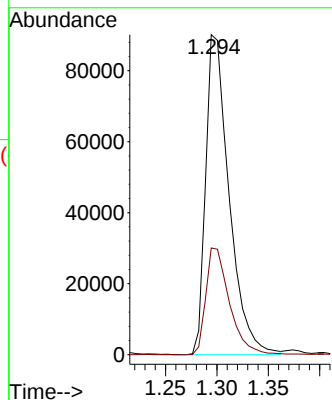
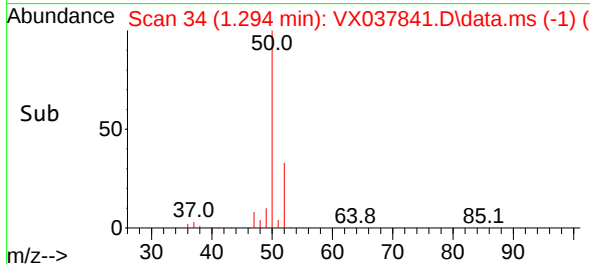
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion: 50 Resp: 143358
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3

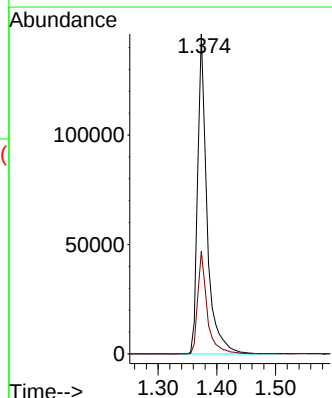
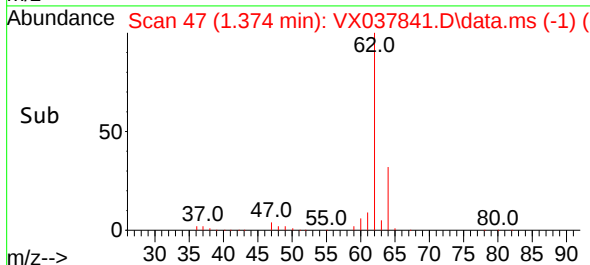
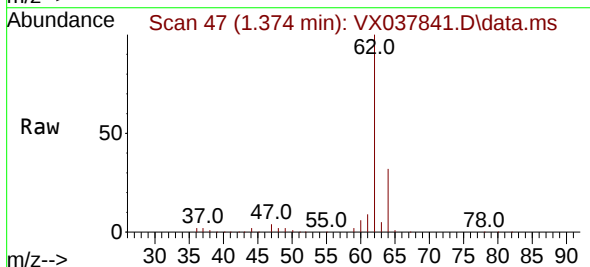
Manual Integrations
APPROVED

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#4
Vinyl Chloride
Concen: 49.717 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

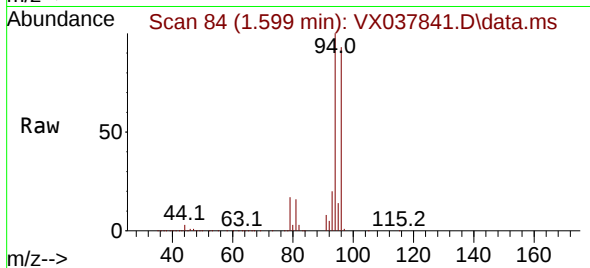
Tgt Ion: 62 Resp: 162997
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 54.382 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

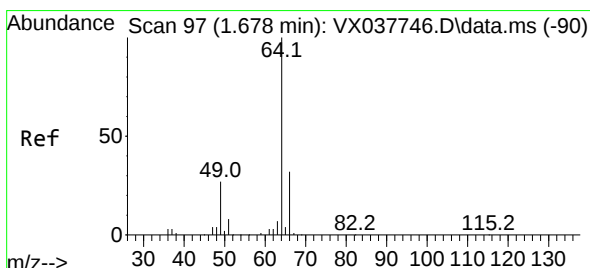
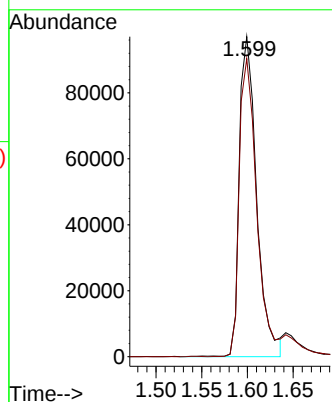
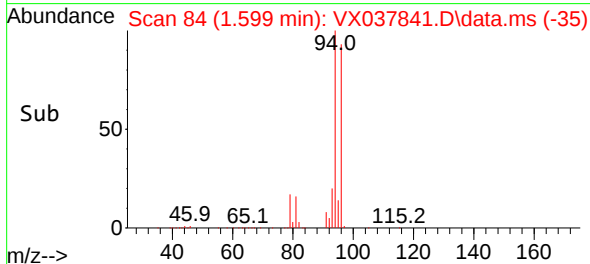
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 127639
Ion Ratio Lower Upper
94 100
96 93.2 74.6 111.8

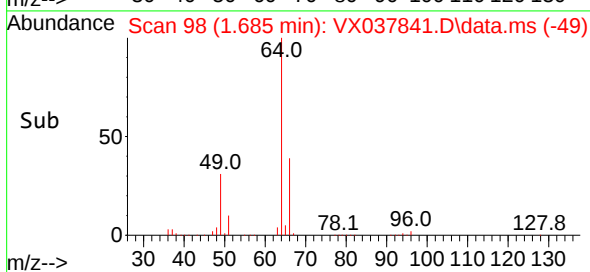
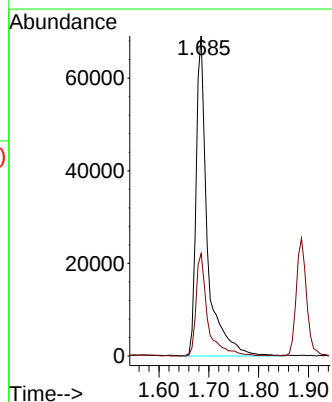
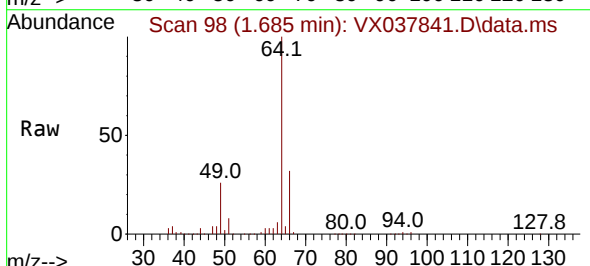
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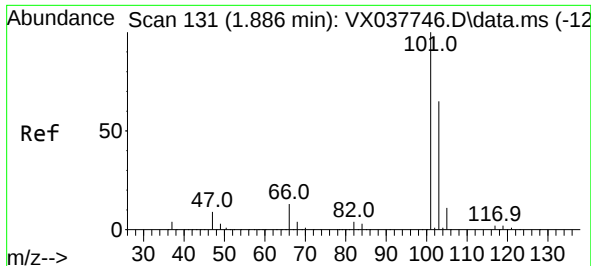
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#6
Chloroethane
Concen: 48.183 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Tgt Ion: 64 Resp: 108824
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7





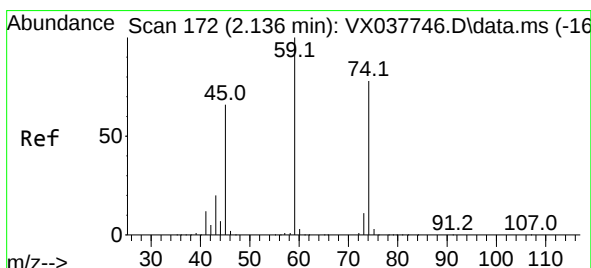
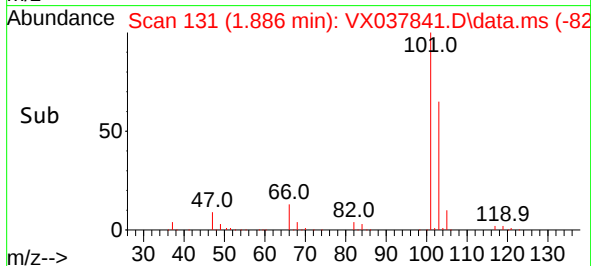
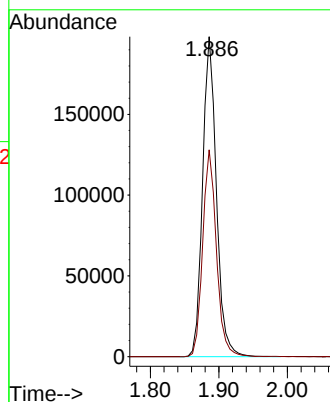
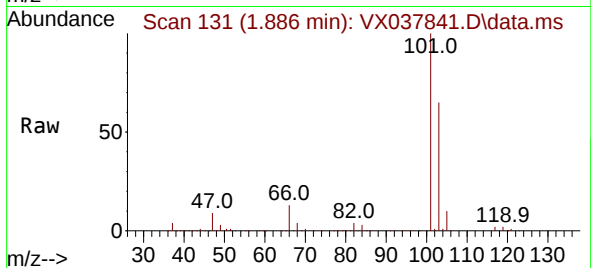
#7
Trichlorofluoromethane
Concen: 52.677 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 277648
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

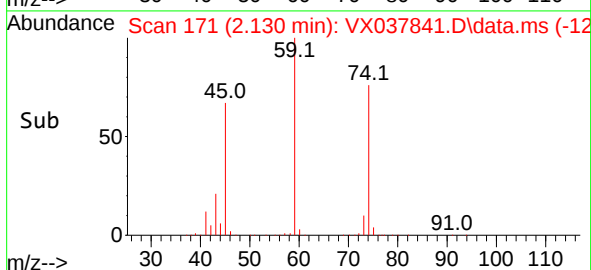
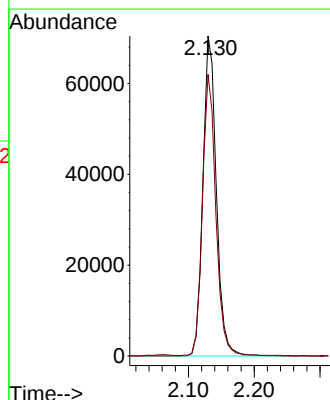
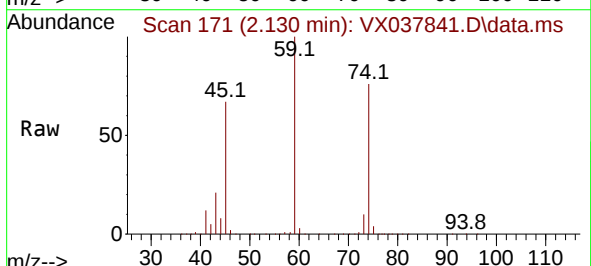
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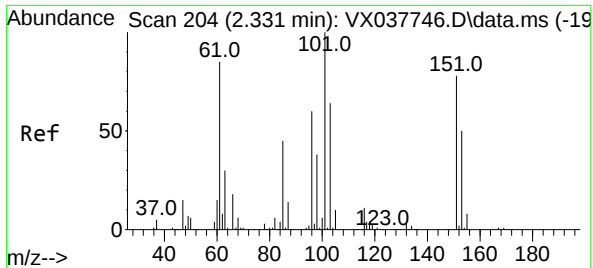
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#8
Diethyl Ether
Concen: 48.999 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Tgt Ion: 74 Resp: 100058
Ion Ratio Lower Upper
74 100
45 87.3 53.3 159.8





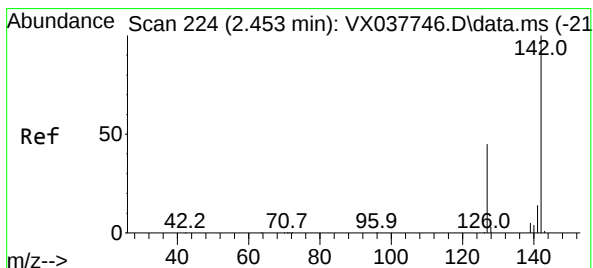
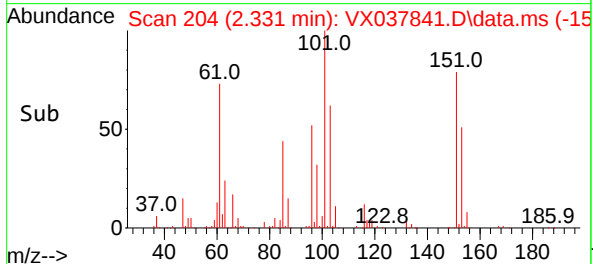
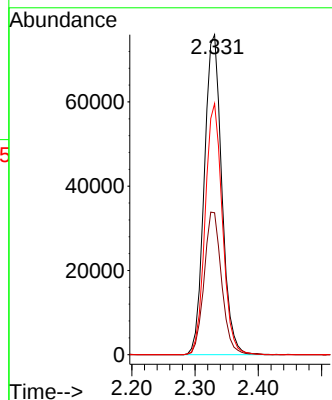
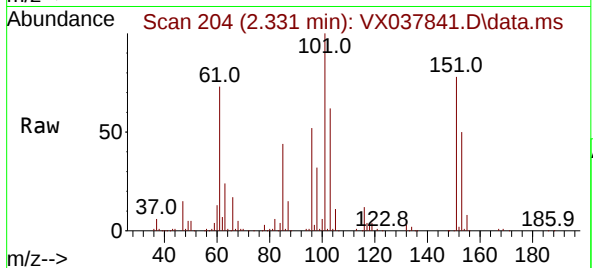
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.724 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 146382
Ion Ratio Lower Upper
101 100
85 44.5 37.0 55.6
151 77.2 58.6 87.8

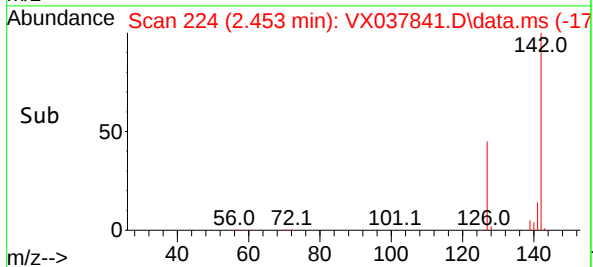
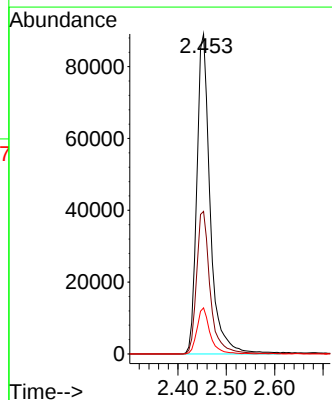
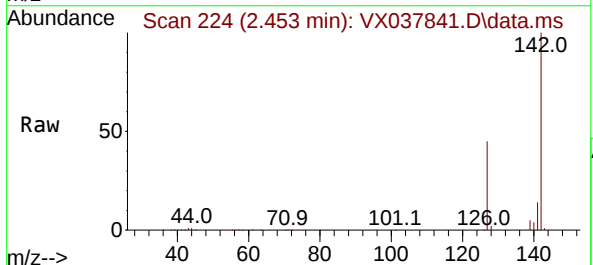
Manual Integrations
APPROVED

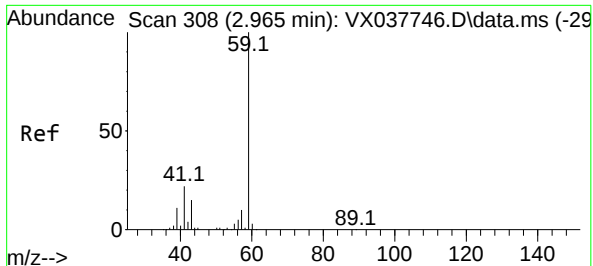
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#10
Methyl Iodide
Concen: 48.227 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Tgt Ion:142 Resp: 170717
Ion Ratio Lower Upper
142 100
127 45.4 41.6 62.4
141 14.1 11.6 17.4





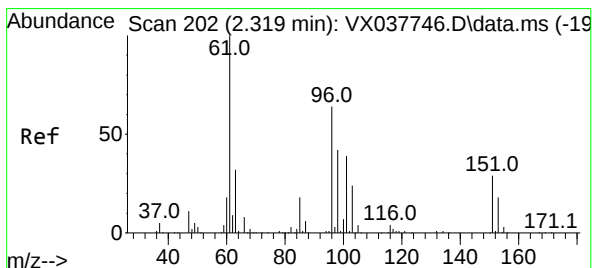
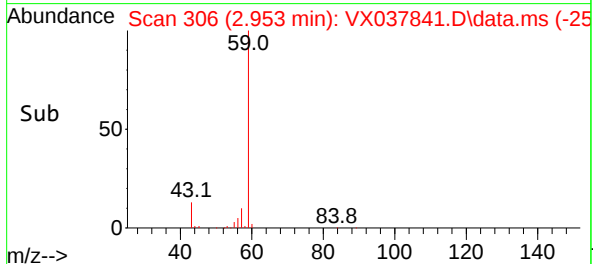
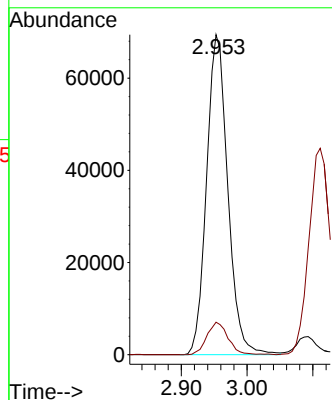
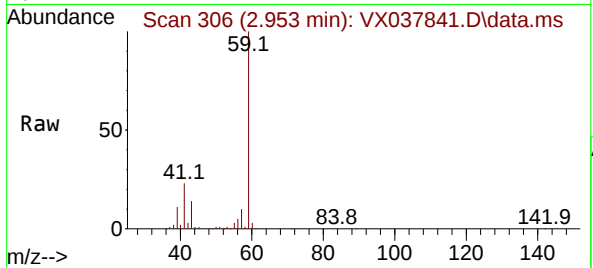
#11
Tert butyl alcohol
Concen: 208.643 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 155918
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

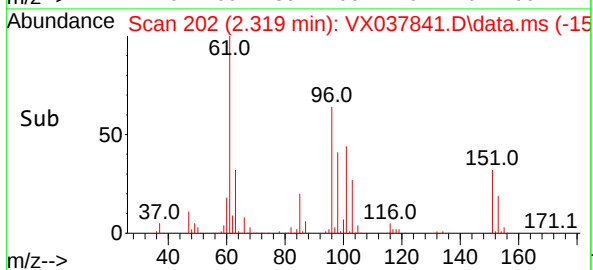
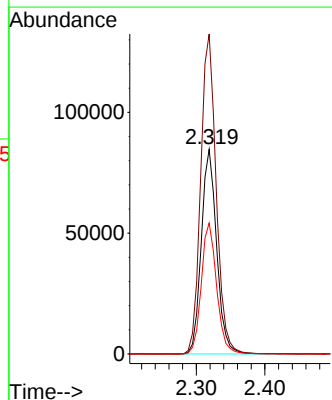
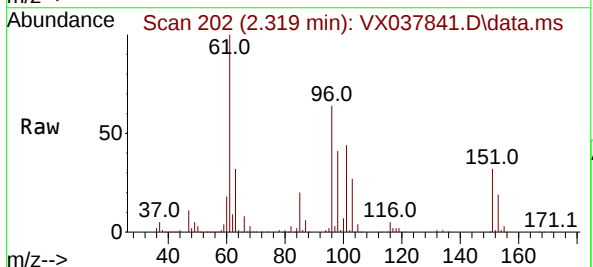
Manual Integrations
APPROVED

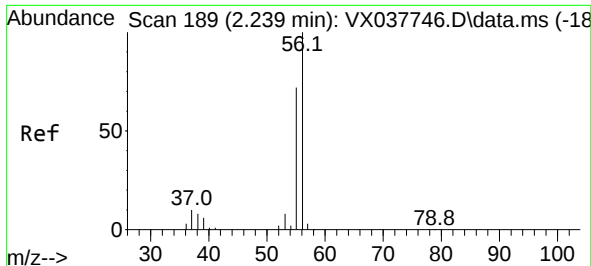
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#12
1,1-Dichloroethene
Concen: 51.289 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

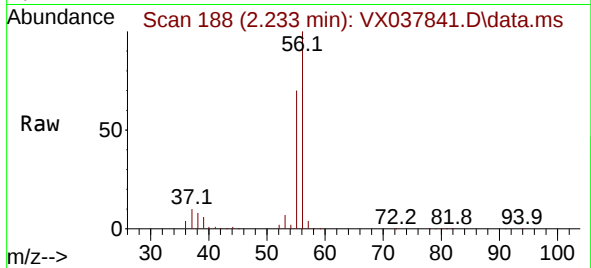
Tgt Ion: 96 Resp: 132590
Ion Ratio Lower Upper
96 100
61 156.3 144.6 216.8
98 64.0 50.4 75.6





#13
Acrolein
Concen: 258.329 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

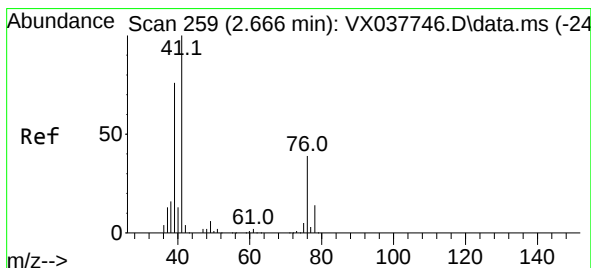
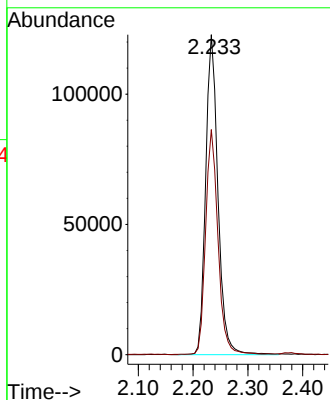
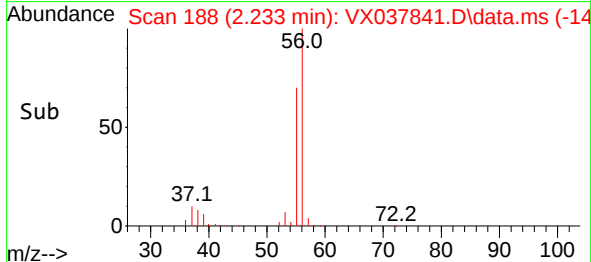
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 190714
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7

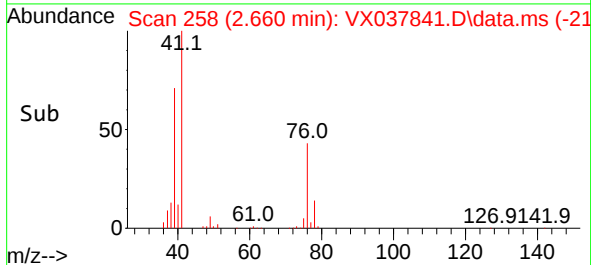
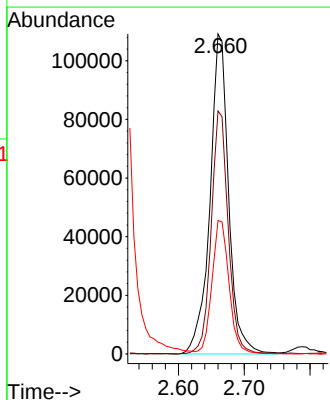
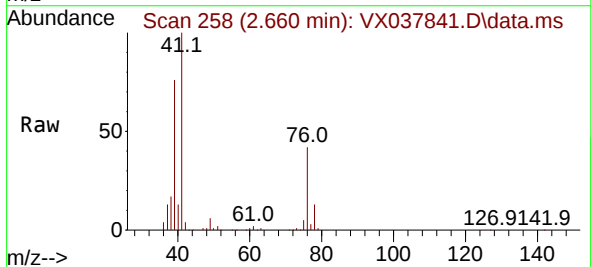
Manual Integrations
APPROVED

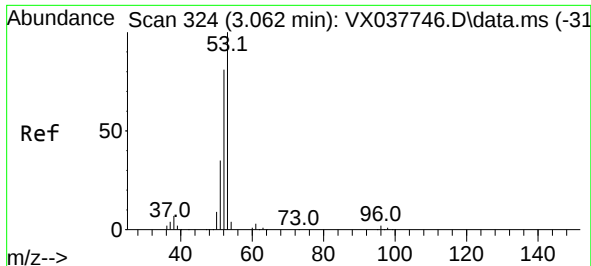
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#14
Allyl chloride
Concen: 50.236 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

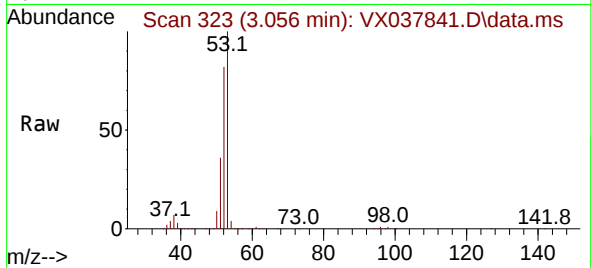
Tgt Ion: 41 Resp: 216298
Ion Ratio Lower Upper
41 100
39 69.1 55.8 83.6
76 38.2 24.3 36.5





#15
Acrylonitrile
Concen: 236.575 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

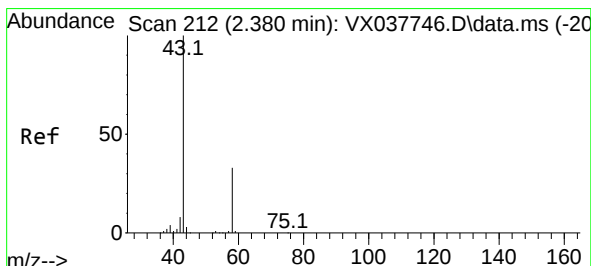
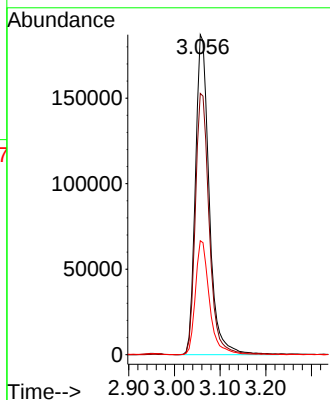
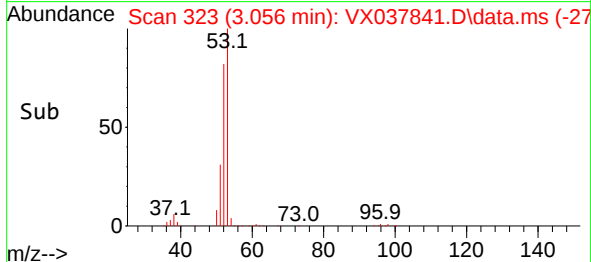
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



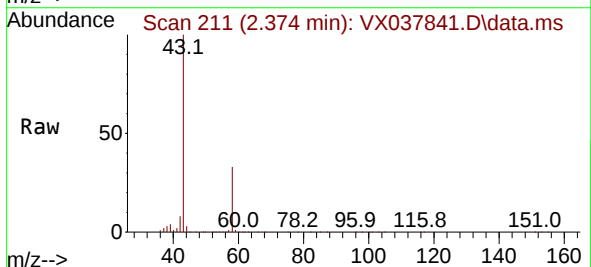
Tgt Ion: 53 Resp: 393072
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 36.4 29.8 44.6

Manual Integrations
APPROVED

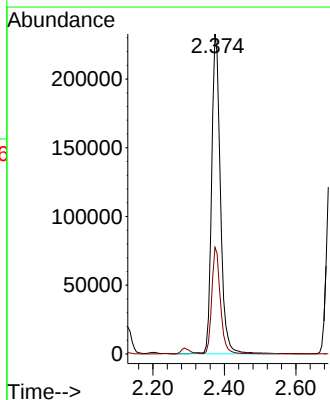
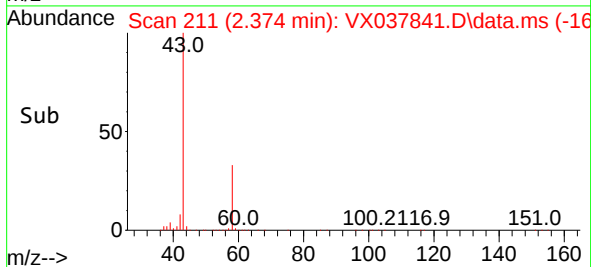
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

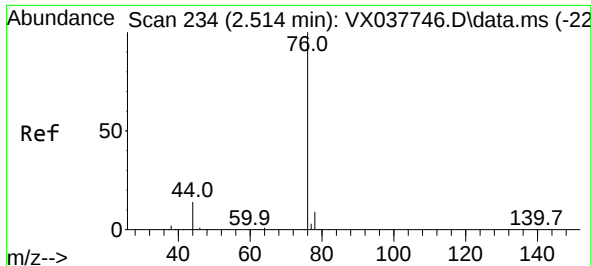


#16
Acetone
Concen: 237.706 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40



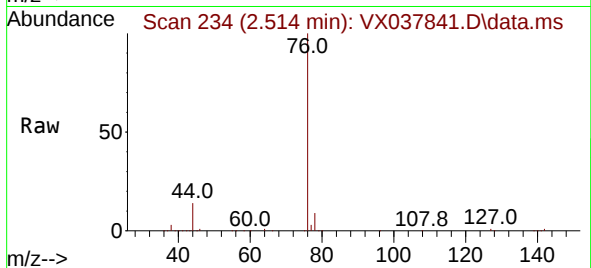
Tgt Ion: 43 Resp: 398114
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#





#17
Carbon Disulfide
Concen: 49.802 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

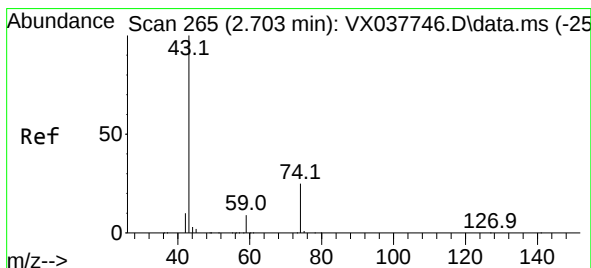
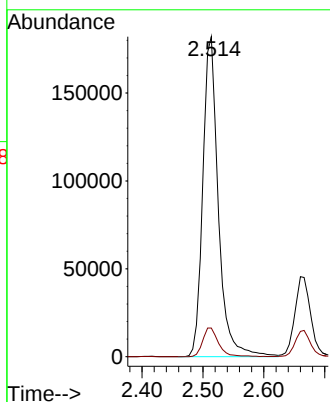
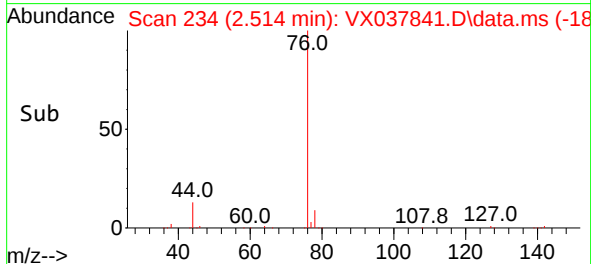
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



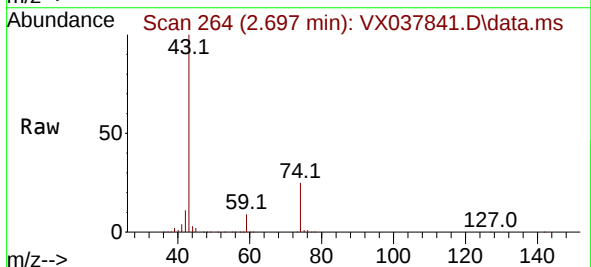
Tgt Ion: 76 Resp: 322790
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

Manual Integrations
APPROVED

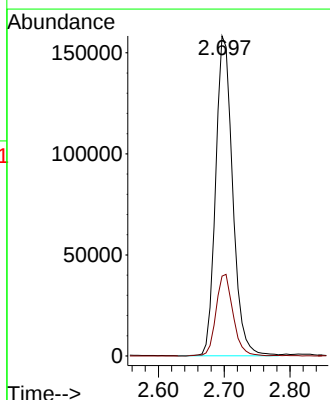
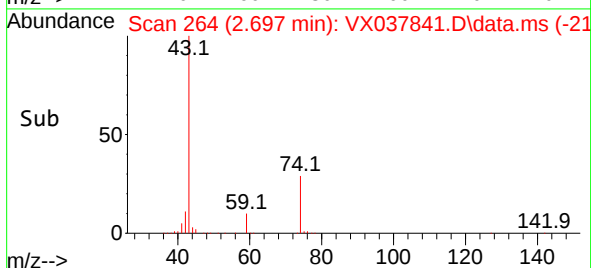
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

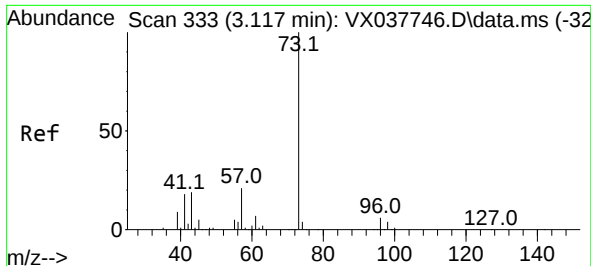


#18
Methyl Acetate
Concen: 47.189 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40



Tgt Ion: 43 Resp: 285101
Ion Ratio Lower Upper
43 100
74 25.6 17.8 26.8





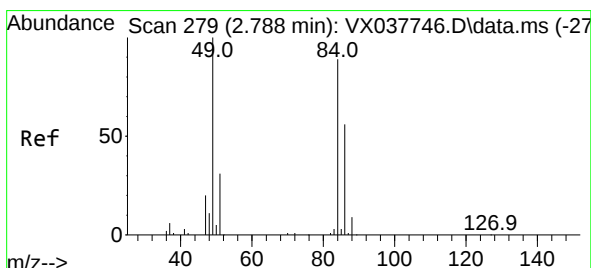
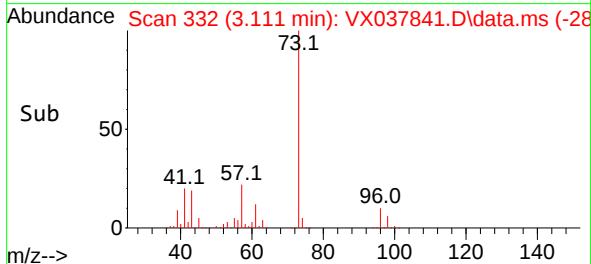
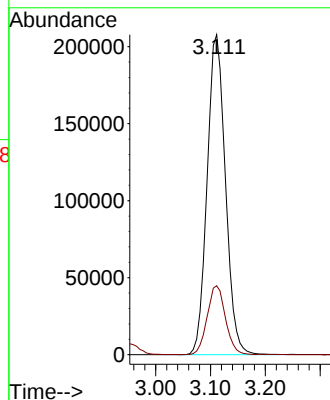
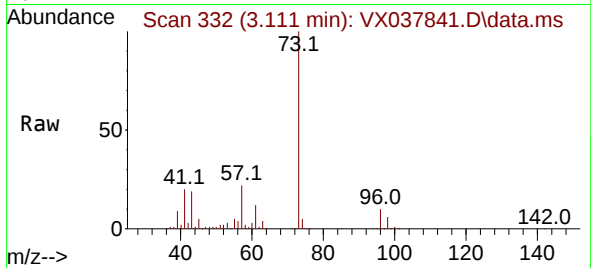
#19
Methyl tert-butyl Ether
Concen: 50.580 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 48100
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

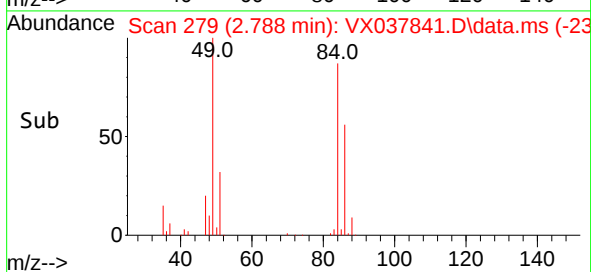
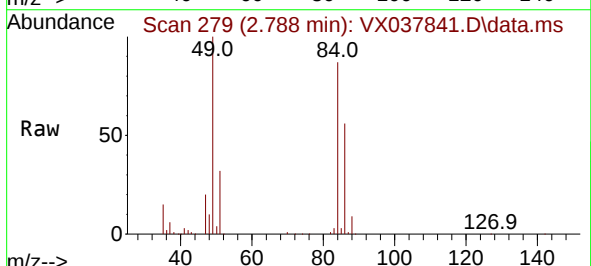
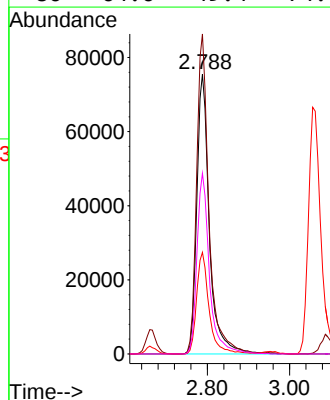
Manual Integrations
APPROVED

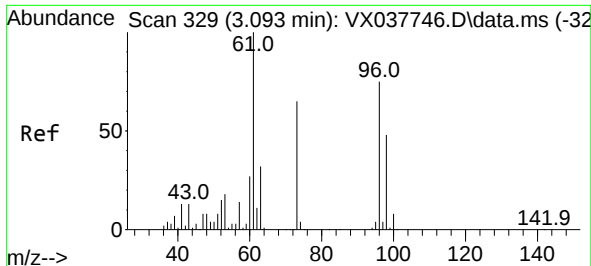
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#20
Methylene Chloride
Concen: 51.543 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

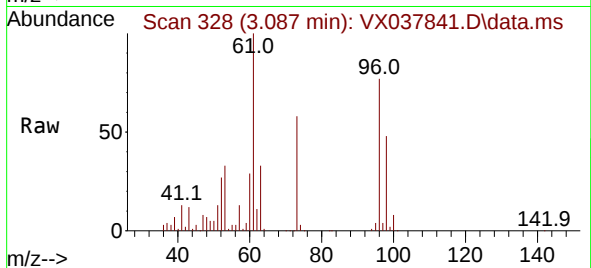
Tgt Ion: 84 Resp: 159595
Ion Ratio Lower Upper
84 100
49 114.4 103.6 155.4
51 36.3 33.8 50.6
86 64.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 52.842 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

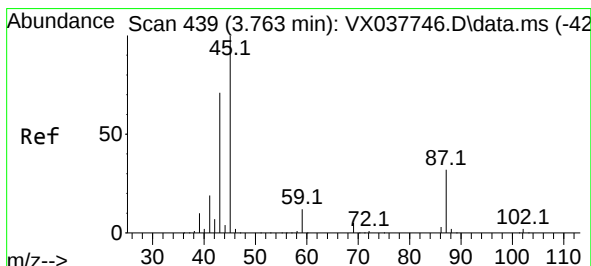
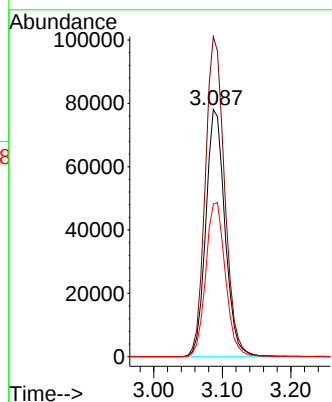
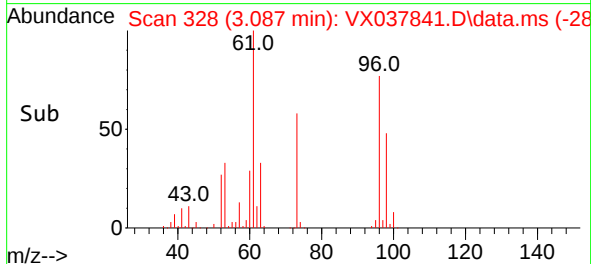
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 151689
Ion Ratio Lower Upper
96 100
61 129.4 119.2 178.8
98 61.7 48.7 73.1

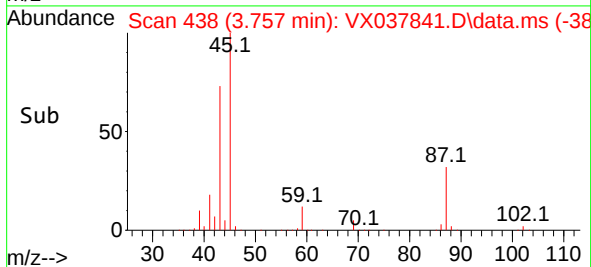
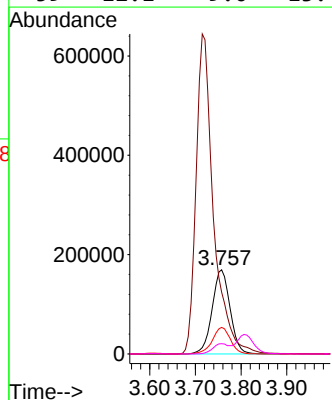
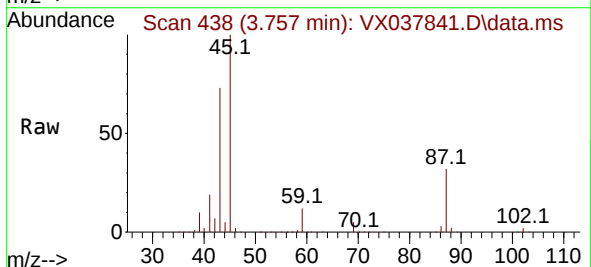
Manual Integrations
APPROVED

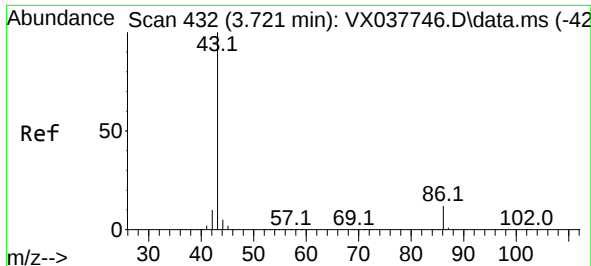
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#22
Diisopropyl ether
Concen: 51.588 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

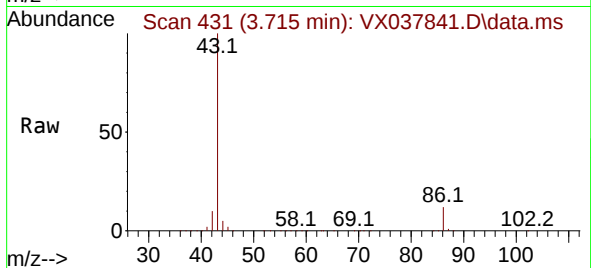
Tgt Ion: 45 Resp: 462668
Ion Ratio Lower Upper
45 100
43 73.3 69.7 104.5
87 31.6 20.8 31.2#
59 12.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 259.446 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.012 min
 Lab File: VX037841.D
 Acq: 21 Sep 2023 09:40

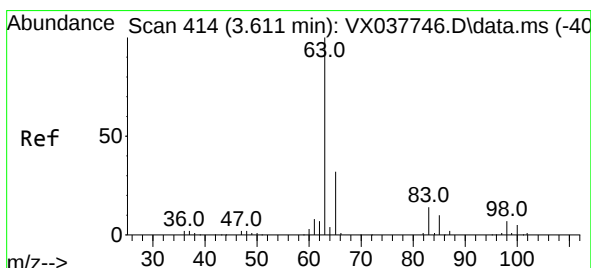
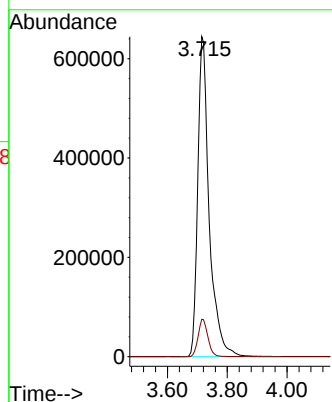
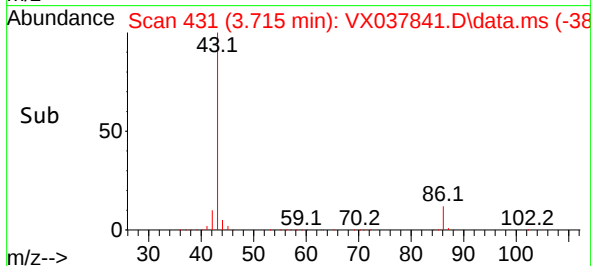
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



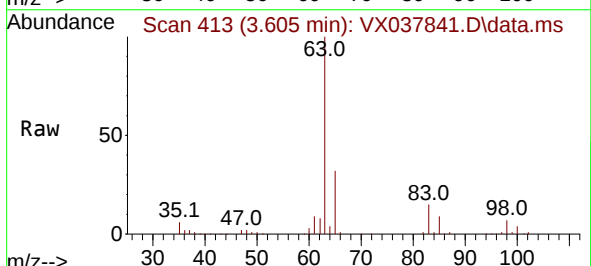
Tgt Ion: 43 Resp: 171152
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8

Manual Integrations
 APPROVED

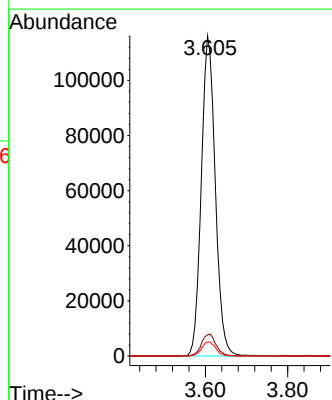
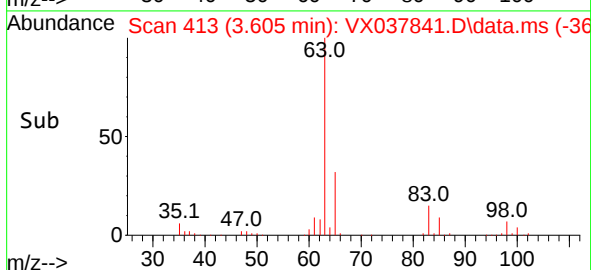
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023

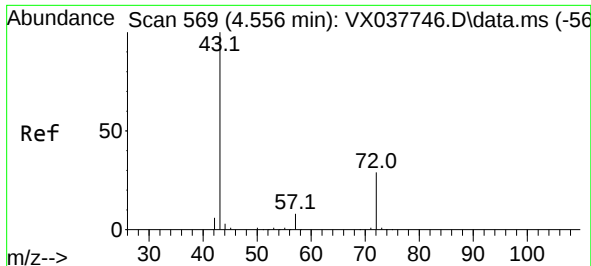


#24
 1,1-Dichloroethane
 Concen: 50.972 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX037841.D
 Acq: 21 Sep 2023 09:40



Tgt Ion: 63 Resp: 273941
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.3 2.1 6.5





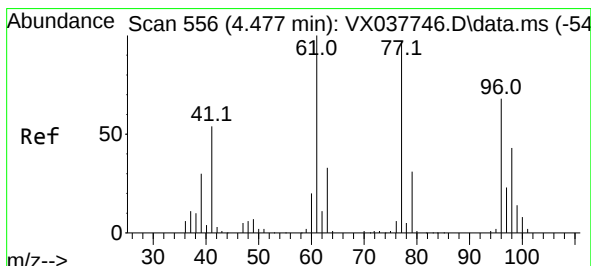
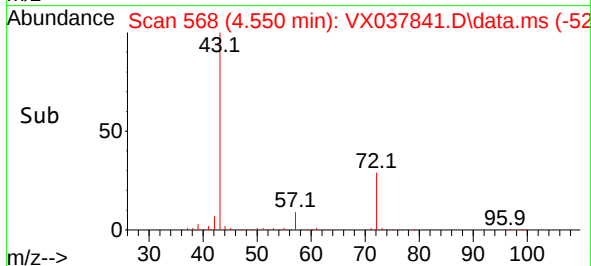
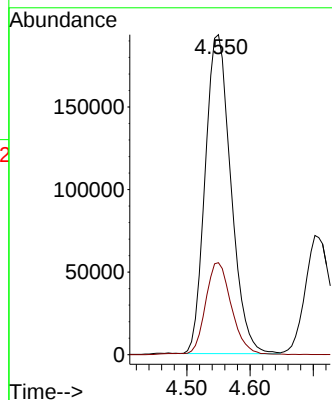
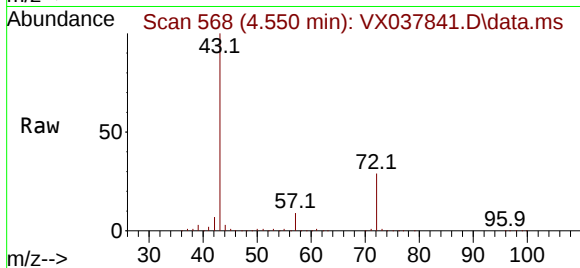
#25
2-Butanone
Concen: 231.290 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.018 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 546639
Ion Ratio Lower Upper
43 100
72 28.7 19.4 29.2

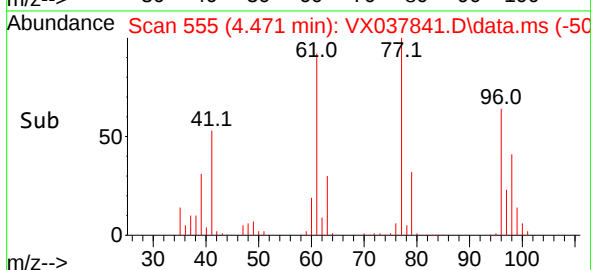
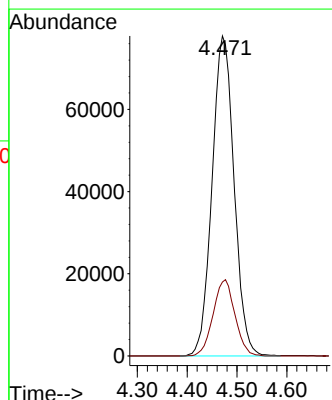
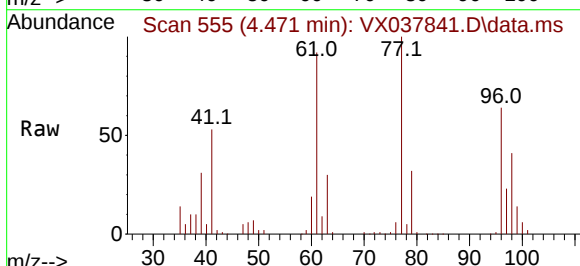
Manual Integrations
APPROVED

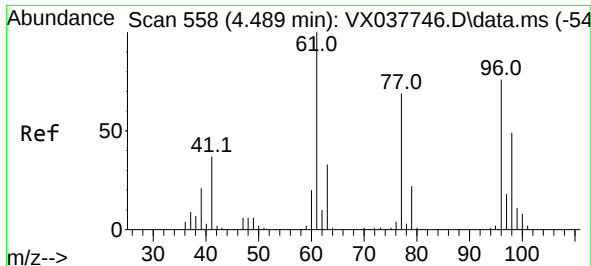
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#26
2,2-Dichloropropane
Concen: 54.978 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

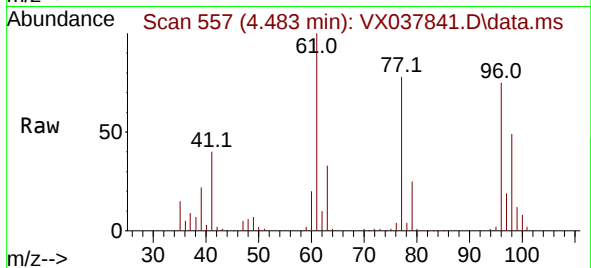
Tgt Ion: 77 Resp: 238746
Ion Ratio Lower Upper
77 100
97 23.6 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 51.731 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX037841.D
 Acq: 21 Sep 2023 09:40

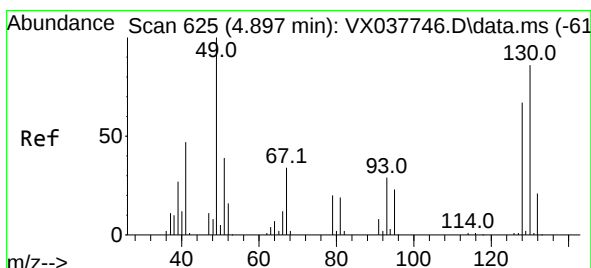
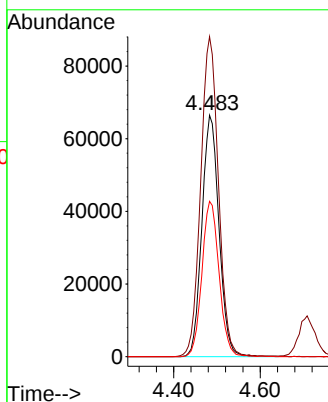
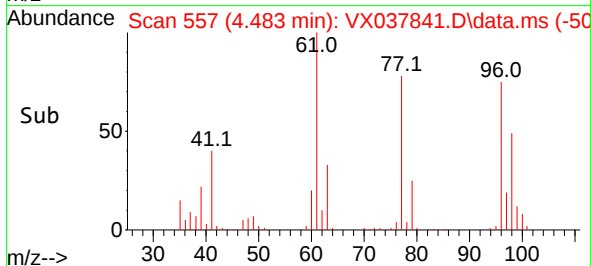
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 18205
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 312.2
 98 64.5 0.0 129.0

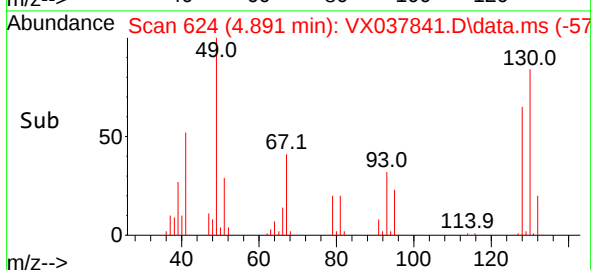
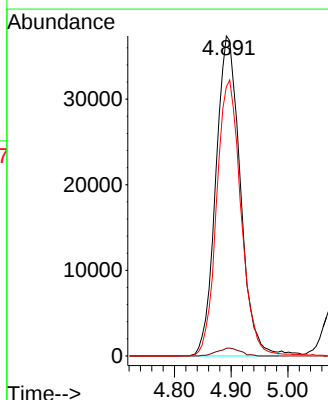
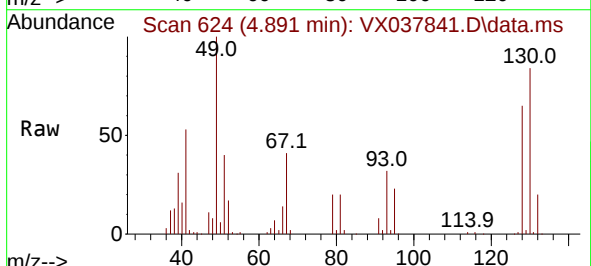
Manual Integrations
 APPROVED

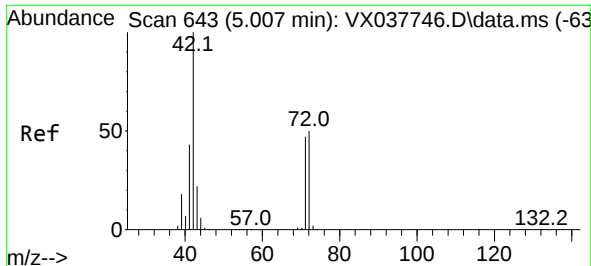
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023



#28
 Bromochloromethane
 Concen: 44.525 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.012 min
 Lab File: VX037841.D
 Acq: 21 Sep 2023 09:40

Tgt Ion: 49 Resp: 111635
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 86.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 227.363 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.018 min

Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 334240

Ion Ratio Lower Upper

42 100

72 49.9 34.2 51.4

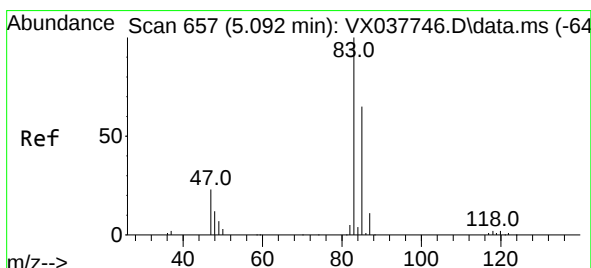
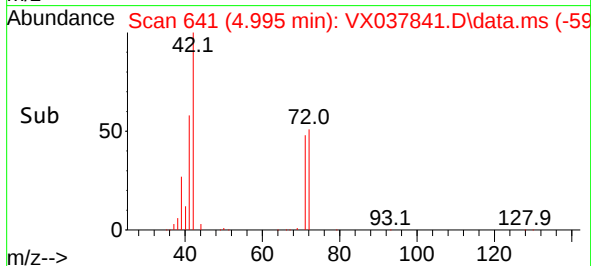
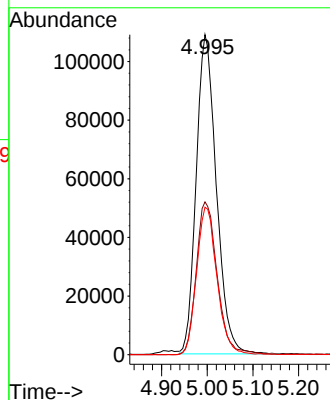
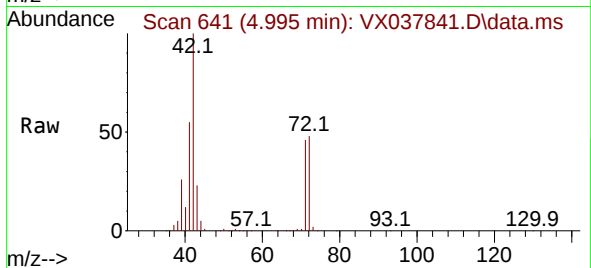
71 46.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#30

Chloroform

Concen: 51.731 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX037841.D

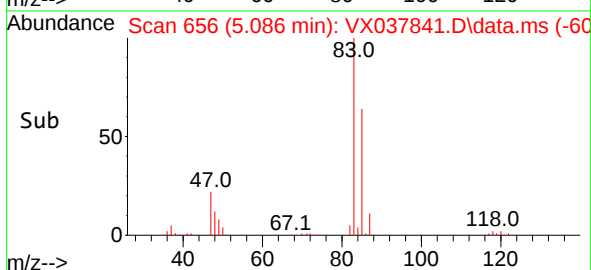
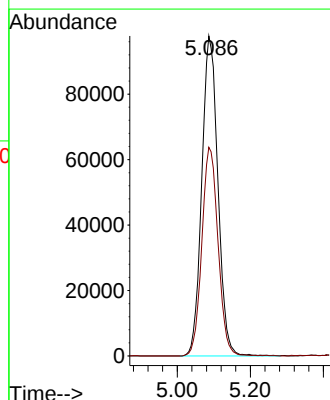
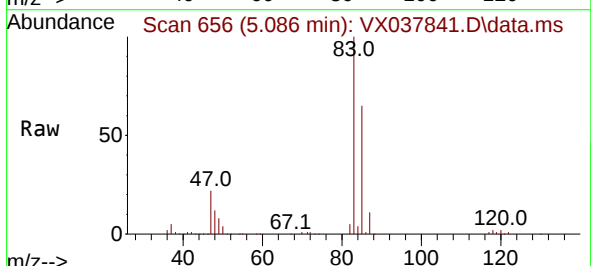
Acq: 21 Sep 2023 09:40

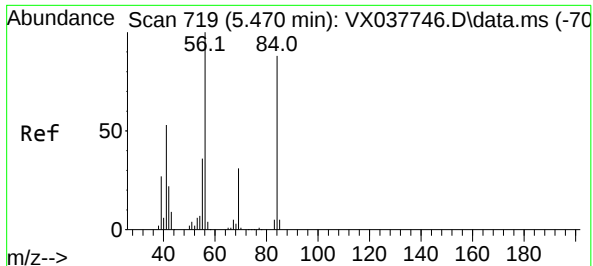
Tgt Ion: 83 Resp: 299496

Ion Ratio Lower Upper

83 100

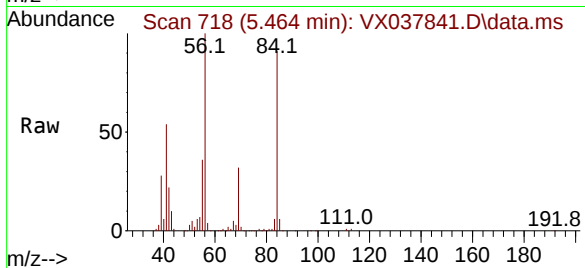
85 65.2 50.3 75.5





#31
Cyclohexane
Concen: 52.528 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

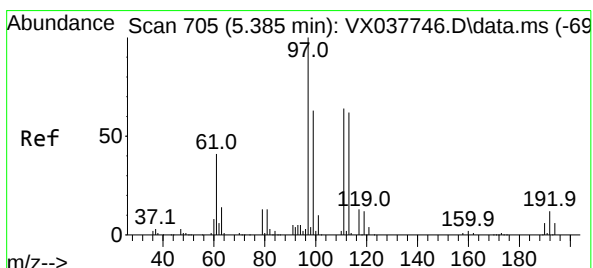
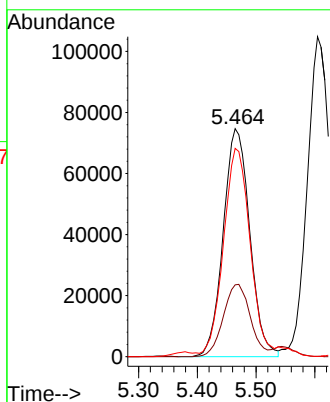
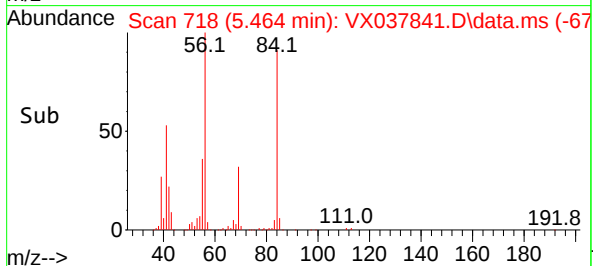
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



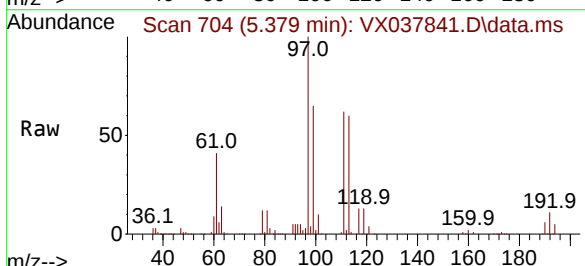
Tgt Ion: 56 Resp: 23472
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 89.6 65.9 98.9

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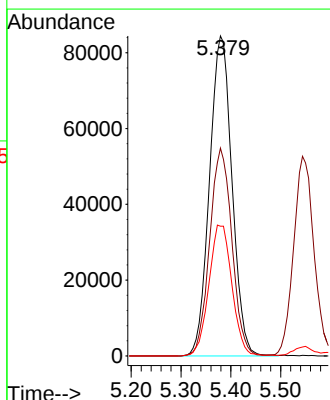
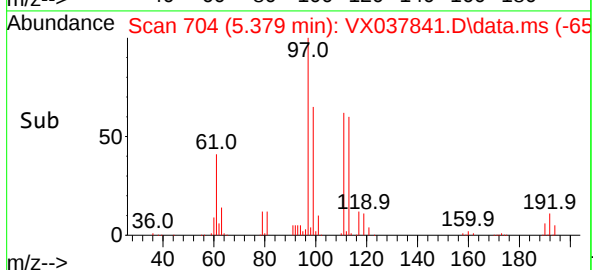
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#32
1,1,1-Trichloroethane
Concen: 53.949 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40



Tgt Ion: 97 Resp: 264465
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 41.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.925 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 170334

Ion Ratio Lower Upper

65 100

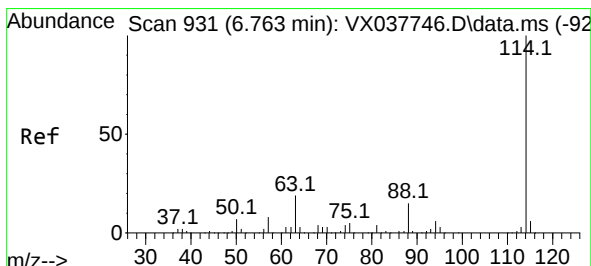
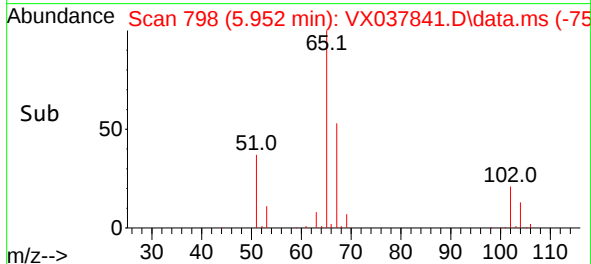
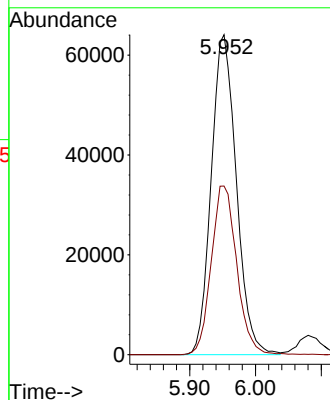
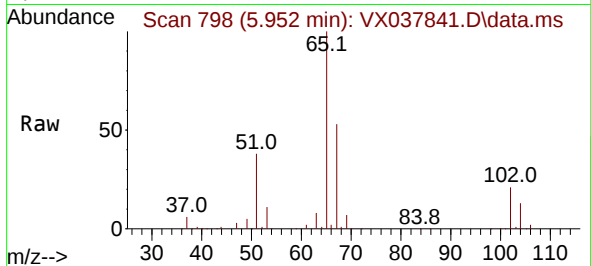
67 53.6 0.0 100.2

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: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

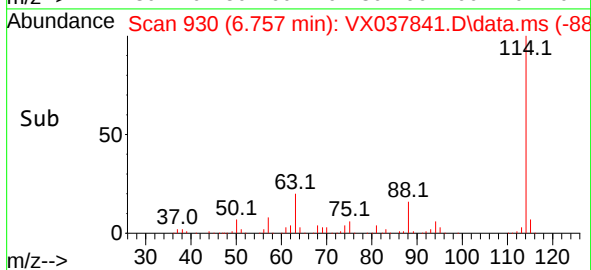
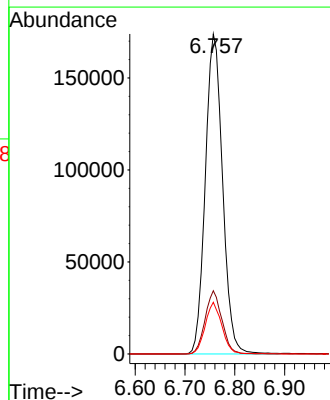
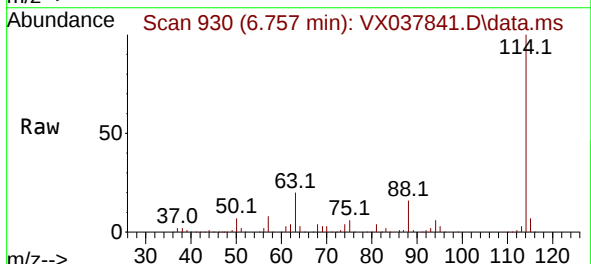
Tgt Ion:114 Resp: 418249

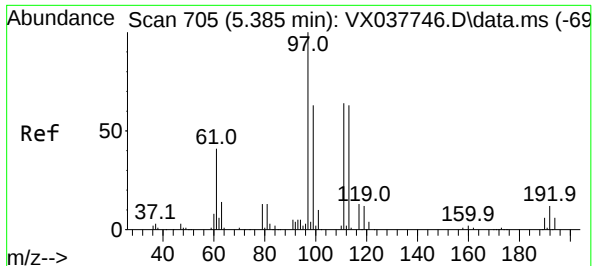
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

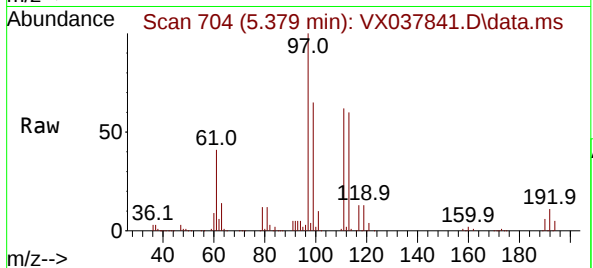
88 16.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 53.084 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

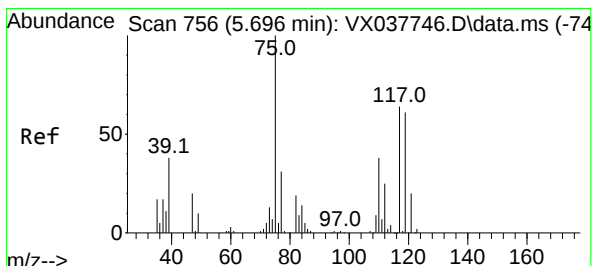
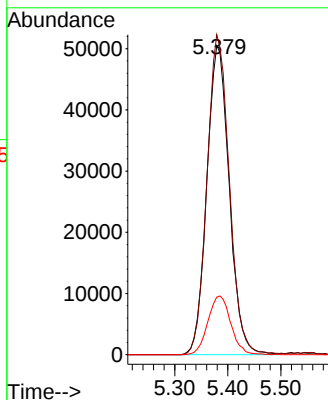
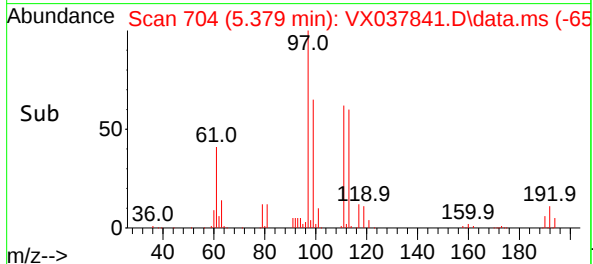
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



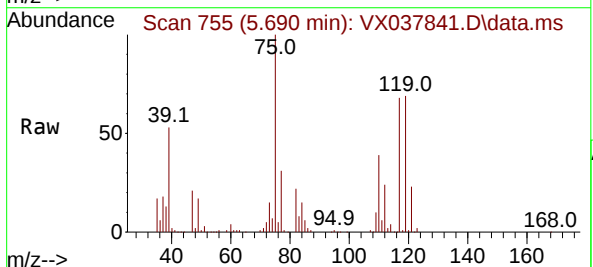
Tgt Ion: 113 Resp: 14855
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 19.3 13.3 19.9

Manual Integrations
APPROVED

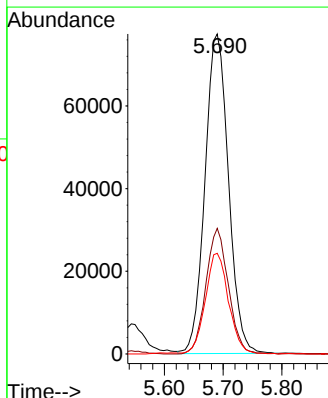
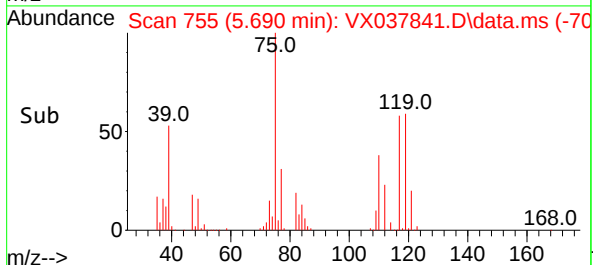
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

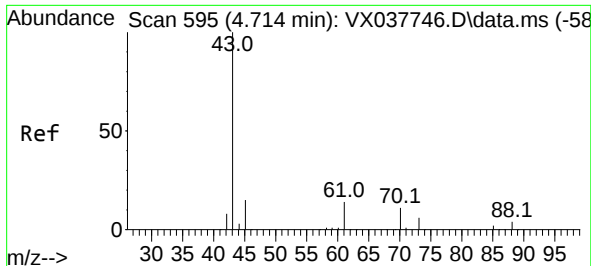


#36
1,1-Dichloropropene
Concen: 55.768 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40



Tgt Ion: 75 Resp: 214992
Ion Ratio Lower Upper
75 100
110 37.7 17.0 50.9
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 49.464 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.031 min

Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 209634

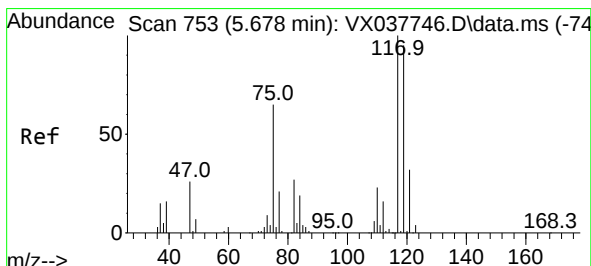
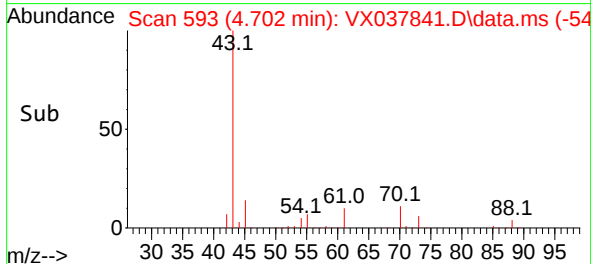
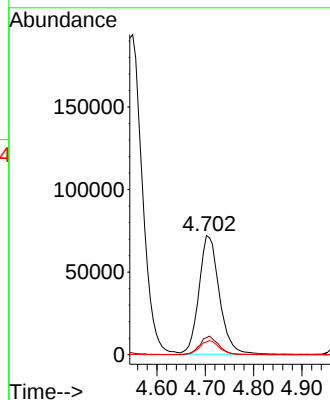
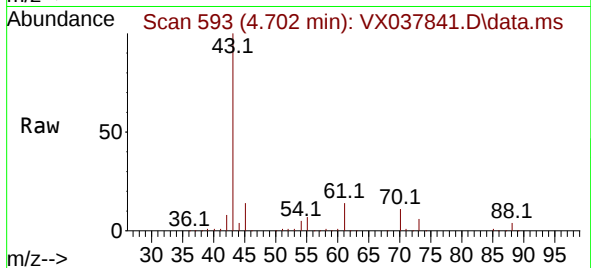
Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.6	16.0
70	11.5	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#38

Carbon Tetrachloride

Concen: 57.348 ug/l

RT: 5.672 min Scan# 752

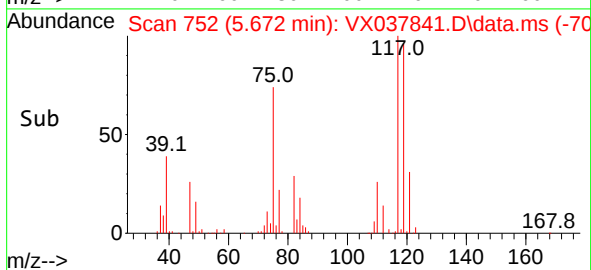
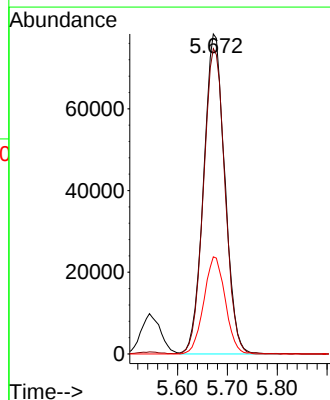
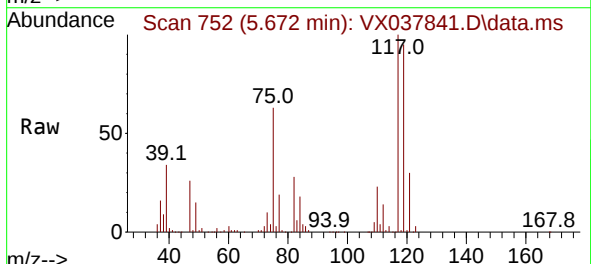
Delta R.T. -0.006 min

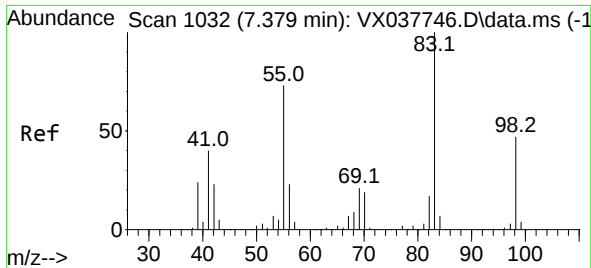
Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

Tgt Ion:117 Resp: 231321

Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.2	117.2
121	30.4	24.4	36.6





#39

Methylcyclohexane

Concen: 57.497 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 28132

Ion Ratio Lower Upper

83 100

55 70.4 64.6 97.0

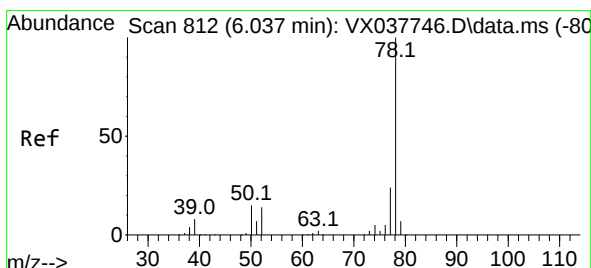
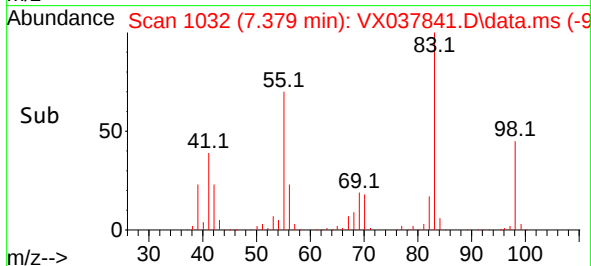
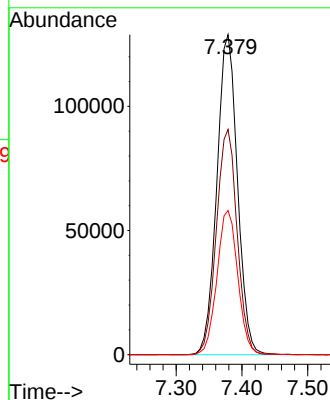
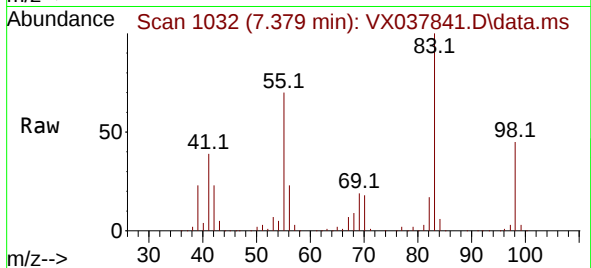
98 45.0 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#40

Benzene

Concen: 53.307 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.012 min

Lab File: VX037841.D

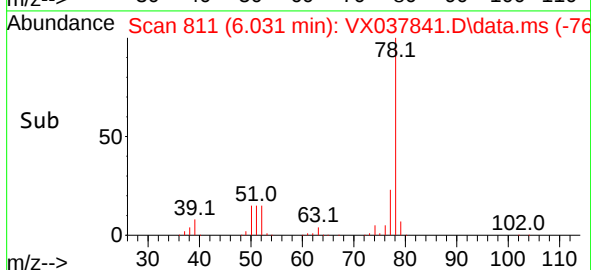
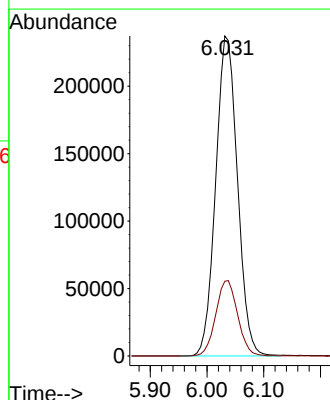
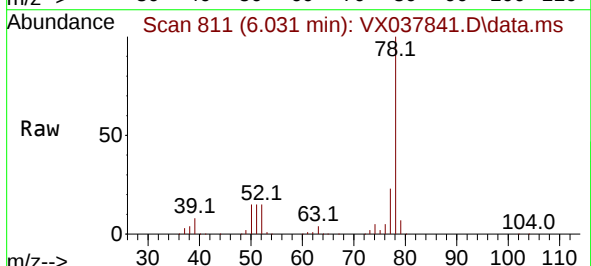
Acq: 21 Sep 2023 09:40

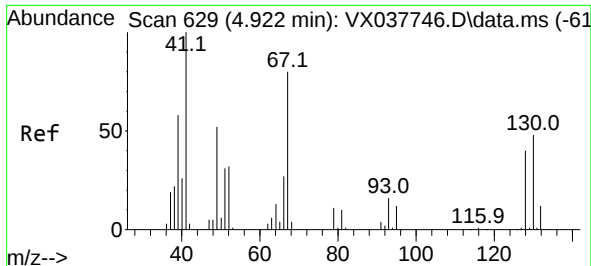
Tgt Ion: 78 Resp: 631951

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9





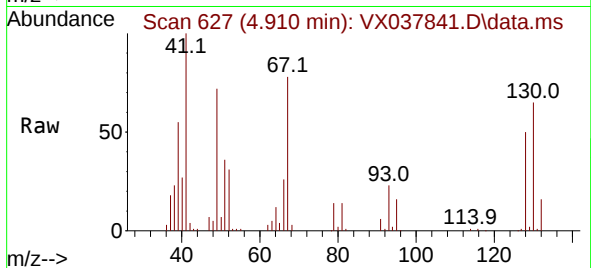
#41
Methacrylonitrile
Concen: 52.383 ug/l
RT: 4.910 min Scan# 619
Delta R.T. -0.037 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



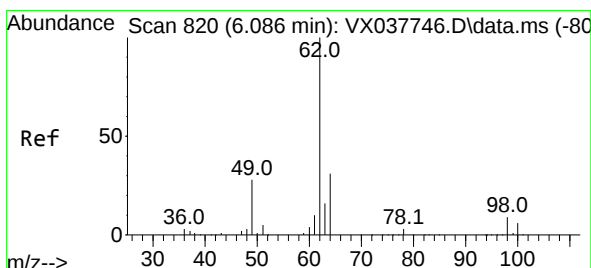
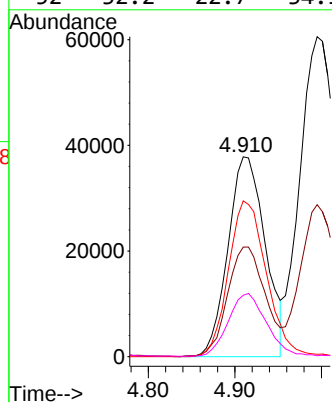
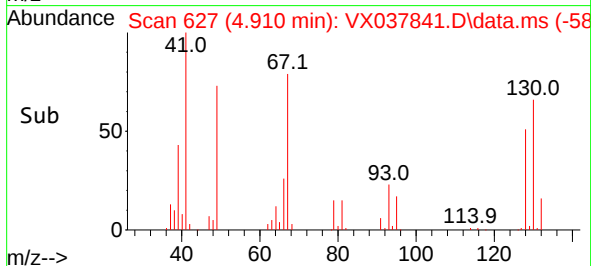
Tgt Ion: 41 Resp: 113198
Ion Ratio Lower Upper
41 100
39 55.4 45.2 67.8
67 79.8 52.6 78.8
52 32.2 22.7 34.1

Manual Integrations

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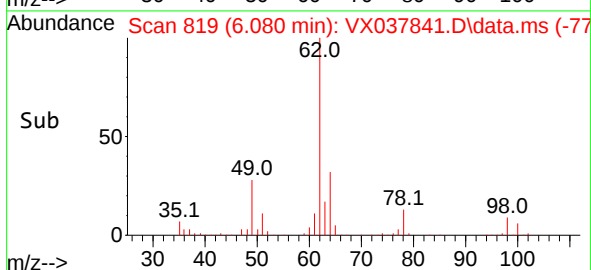
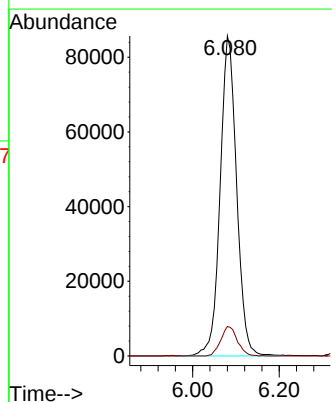
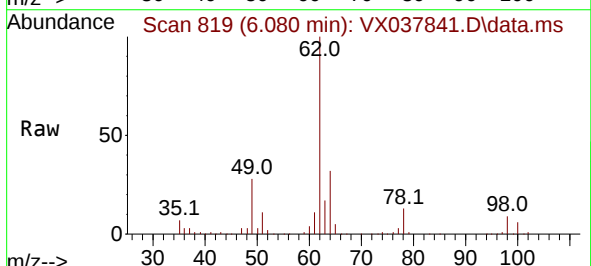
Reviewed By :John Carlone 09/22/2023

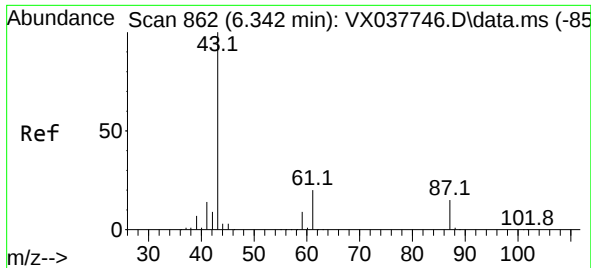
Supervised By :Mahesh Dadoda 09/22/2023



#42
1,2-Dichloroethane
Concen: 52.969 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.018 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Tgt Ion: 62 Resp: 226960
Ion Ratio Lower Upper
62 100
98 9.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 52.234 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

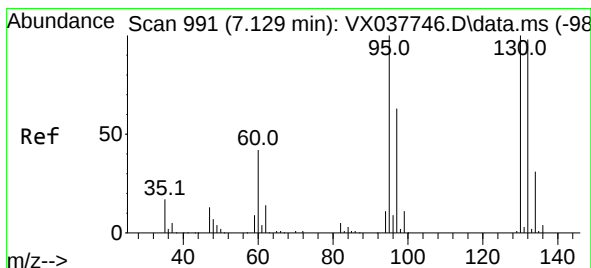
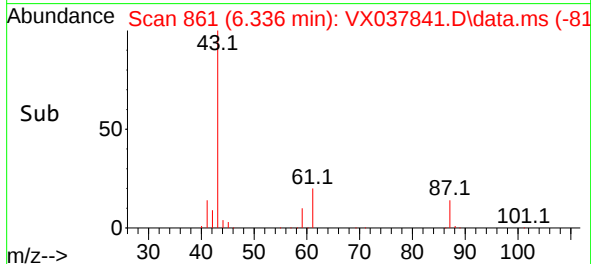
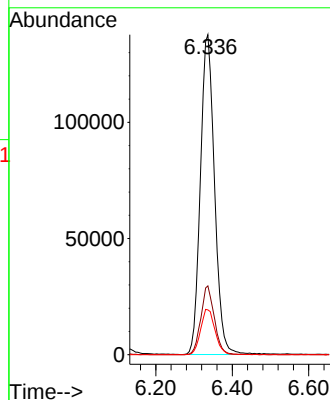
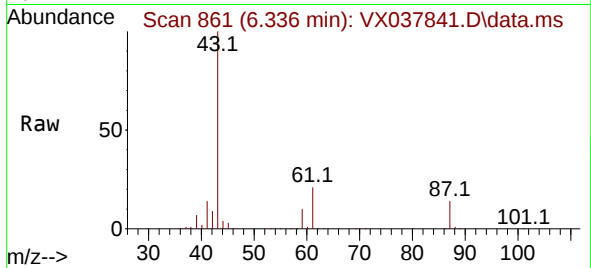
Tgt Ion: 43	Resp: 35398
Ion Ratio	Lower Upper
43	100
61	20.5 15.2 22.8
87	14.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#44

Trichloroethene

Concen: 52.653 ug/l

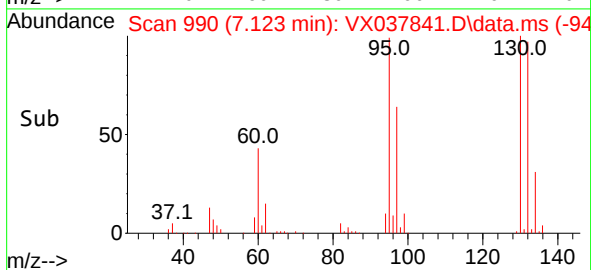
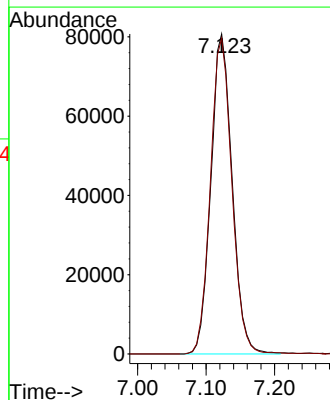
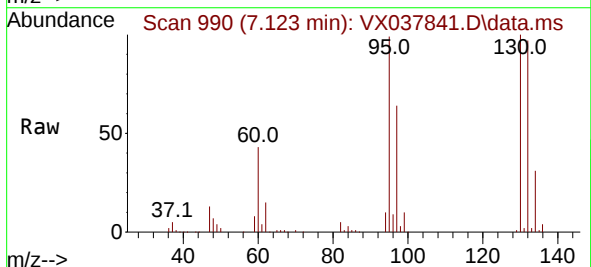
RT: 7.123 min Scan# 990

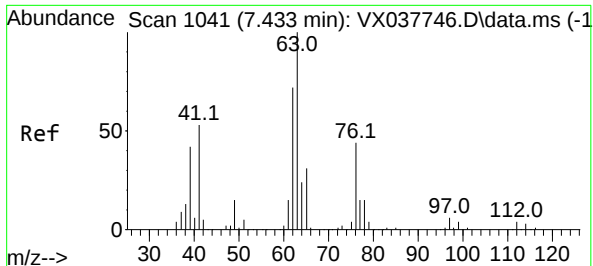
Delta R.T. -0.012 min

Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

Tgt Ion:130	Resp: 173832
Ion Ratio	Lower Upper
130	100
95	98.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 53.713 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 16536

Ion Ratio Lower Upper

63 100

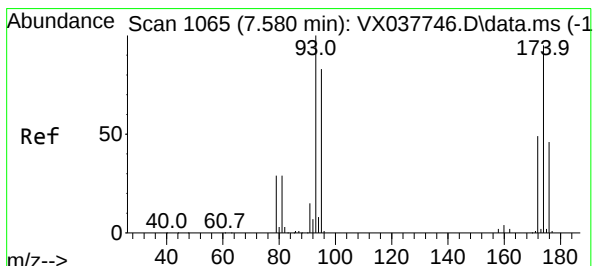
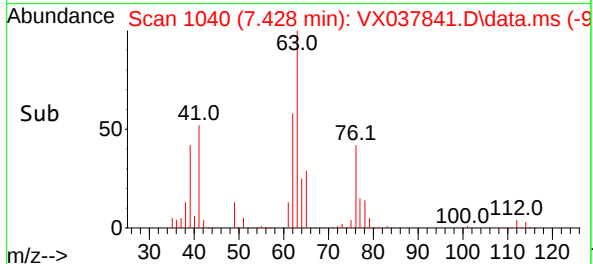
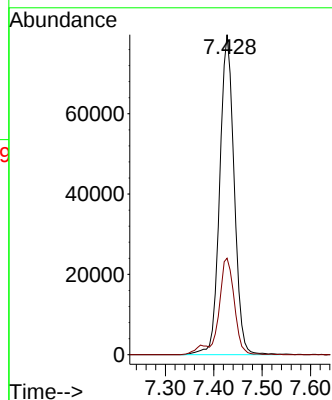
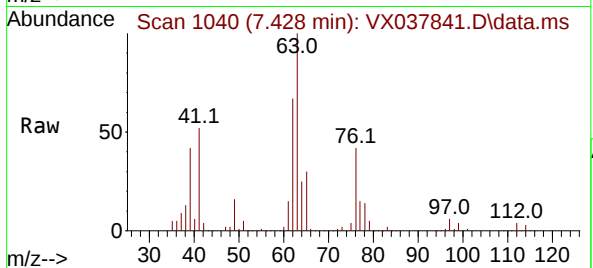
65 30.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#46

Dibromomethane

Concen: 54.833 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

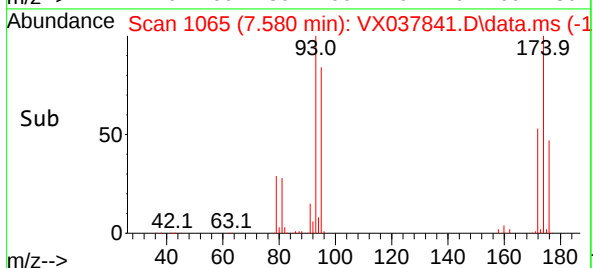
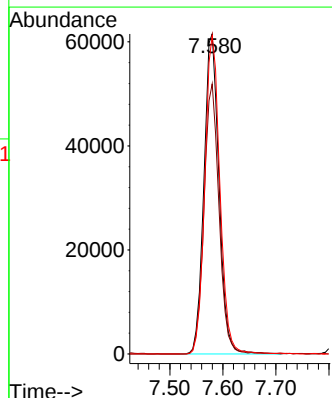
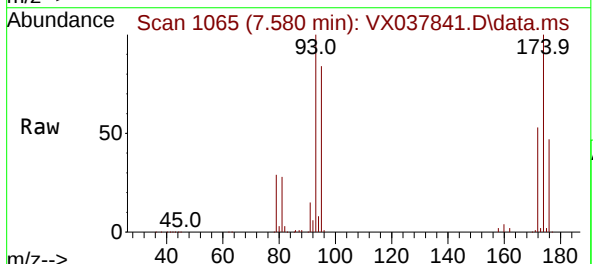
Tgt Ion: 93 Resp: 121435

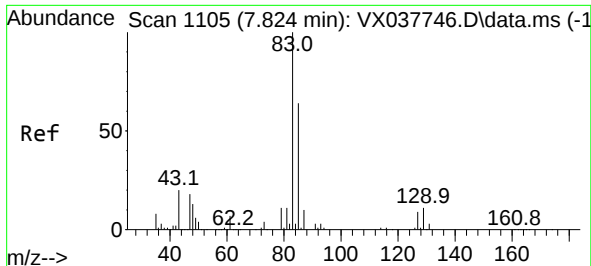
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 99.5 69.4 104.0





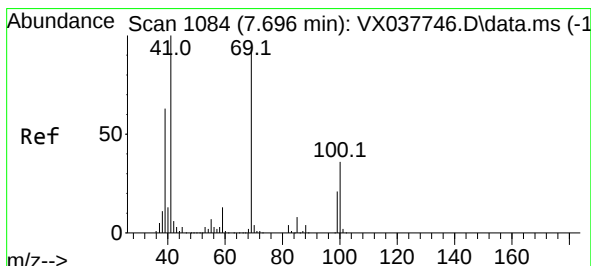
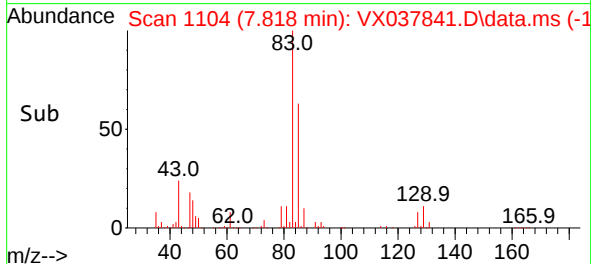
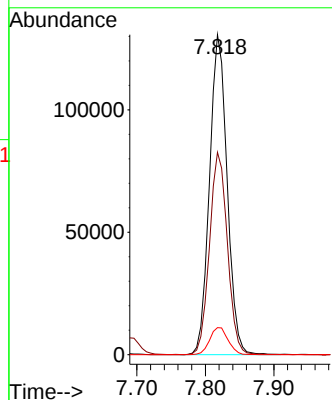
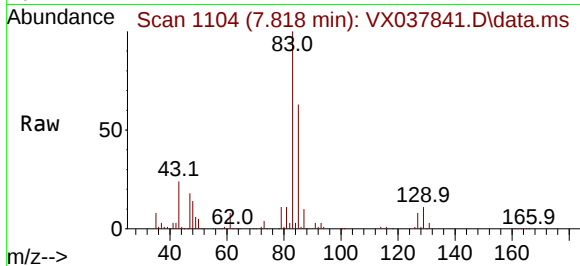
#47
Bromodichloromethane
Concen: 57.468 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 234394
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 8.5 7.1 10.7

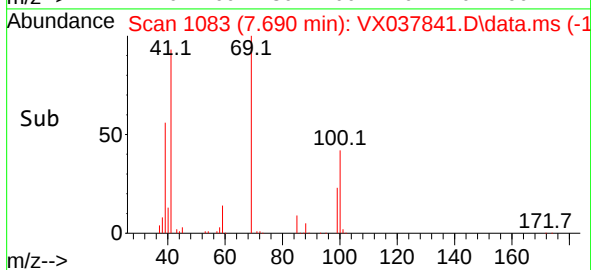
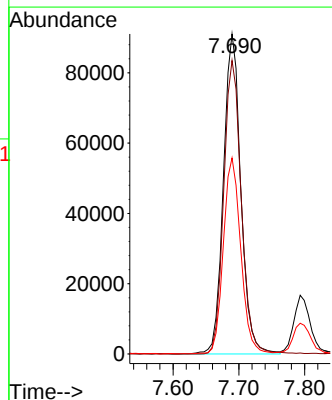
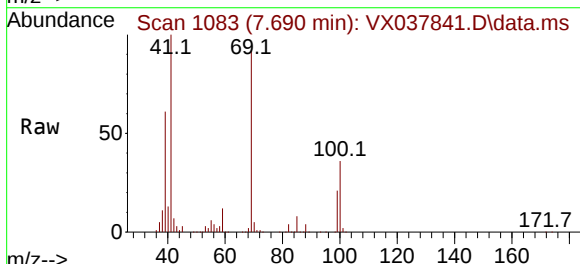
Manual Integrations
APPROVED

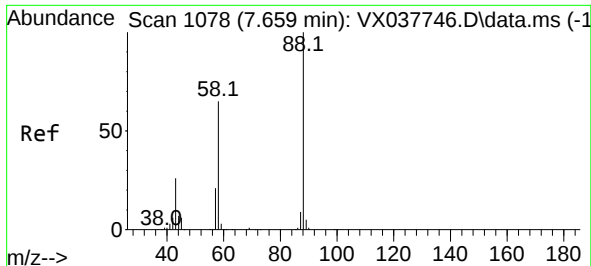
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#48
Methyl methacrylate
Concen: 51.814 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.012 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

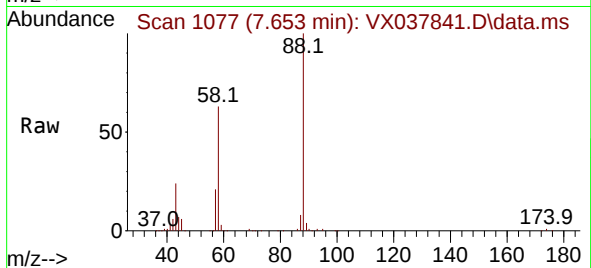
Tgt Ion: 41 Resp: 167858
Ion Ratio Lower Upper
41 100
69 92.7 59.2 88.8
39 61.1 47.7 71.5





#49
1,4-Dioxane
Concen: 896.247 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.018 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

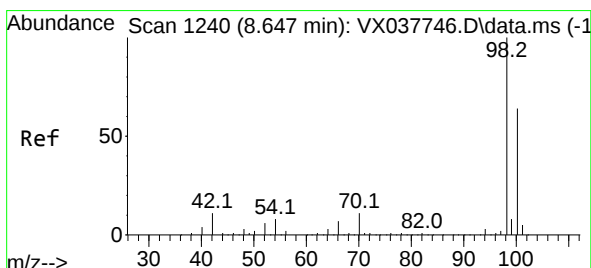
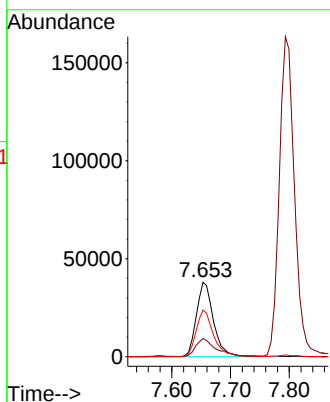
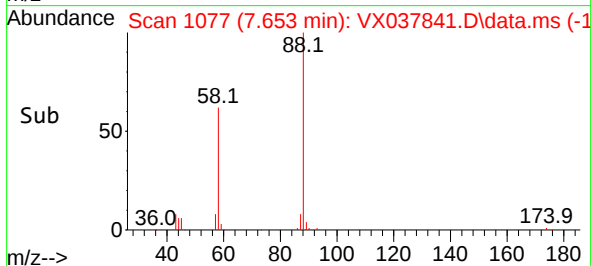
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 76119
Ion Ratio Lower Upper
88 100
43 29.5 0.0 0.0
58 64.0 60.1 90.1

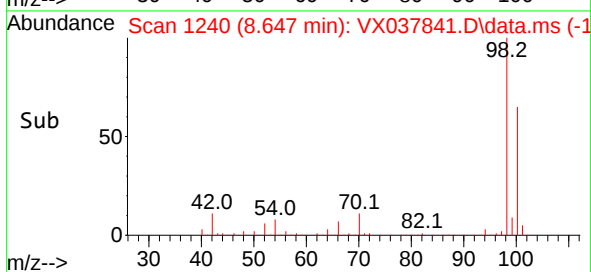
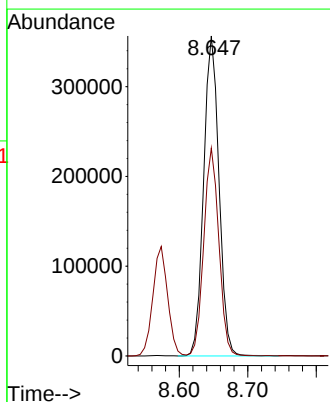
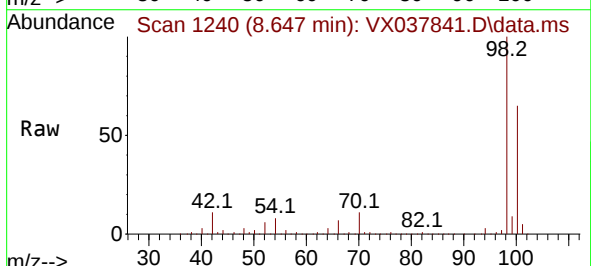
Manual Integrations
APPROVED

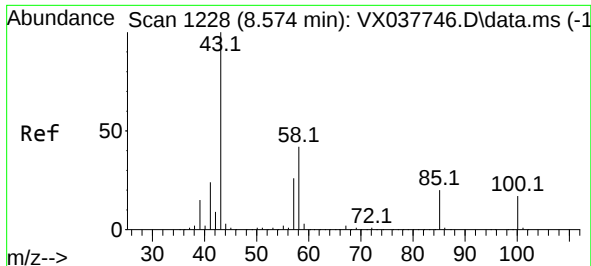
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#50
Toluene-d8
Concen: 53.347 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Tgt Ion: 98 Resp: 554716
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 251.405 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

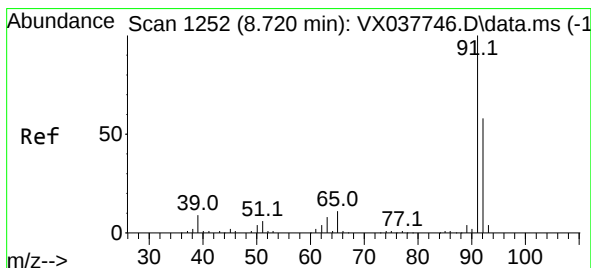
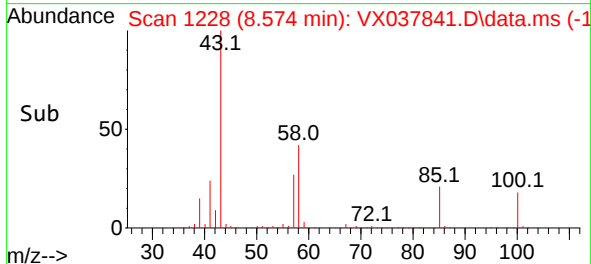
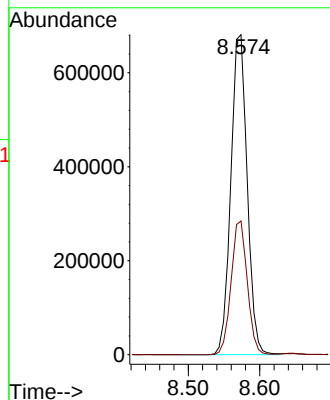
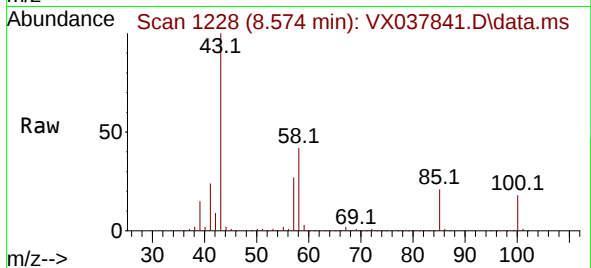
VSTDCCC050

Tgt Ion: 43 Resp: 108094
Ion Ratio Lower Upper
43 100
58 41.3 30.4 45.6

Manual Integrations

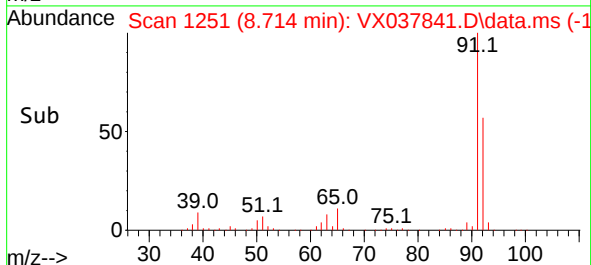
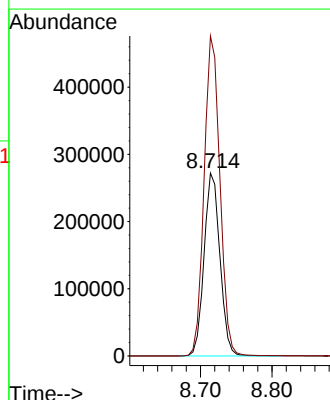
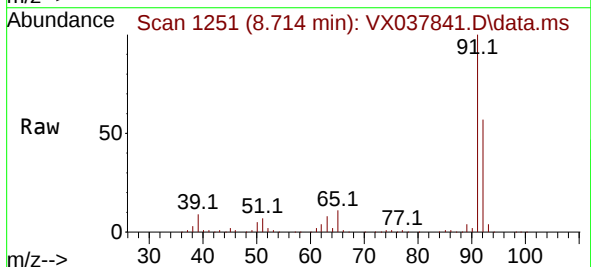
APPROVED

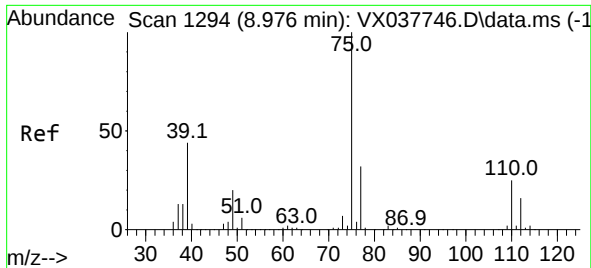
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#52
Toluene
Concen: 54.813 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Tgt Ion: 92 Resp: 418786
Ion Ratio Lower Upper
92 100
91 175.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 61.044 ug/l

RT: 8.976 min Scan# 11294

Delta R.T. -0.012 min

Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 26033

Ion Ratio Lower Upper

75 100

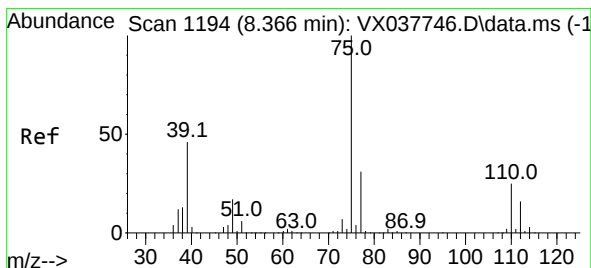
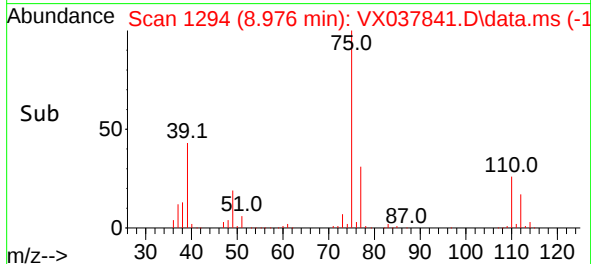
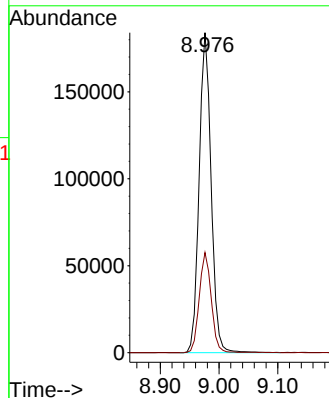
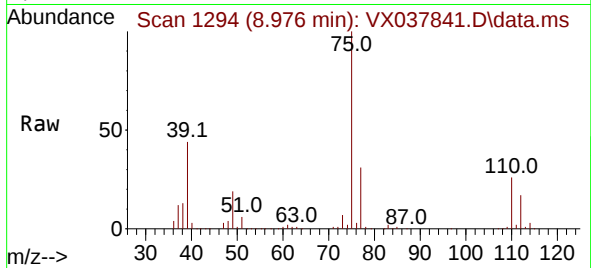
77 31.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#54

cis-1,3-Dichloropropene

Concen: 57.737 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

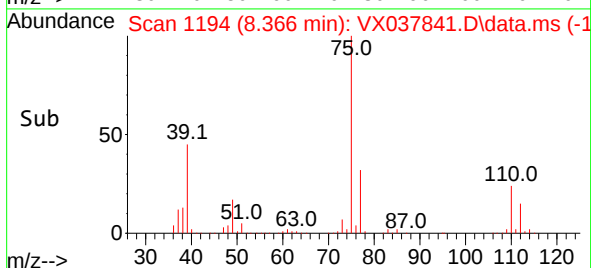
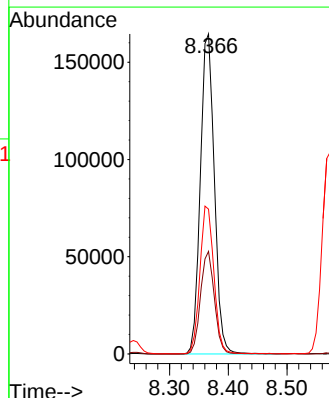
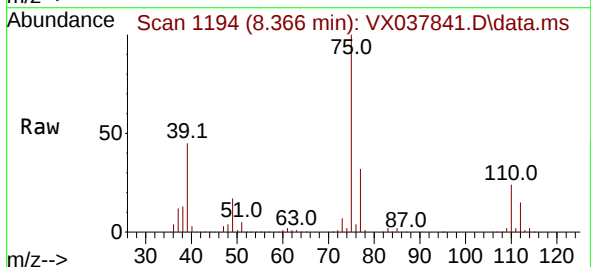
Tgt Ion: 75 Resp: 272514

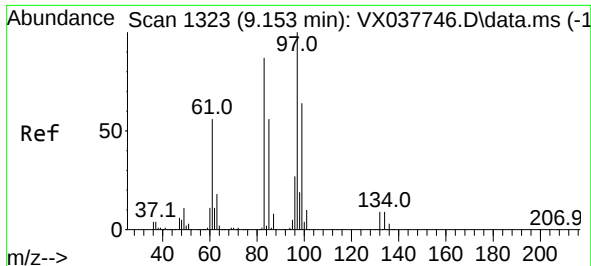
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

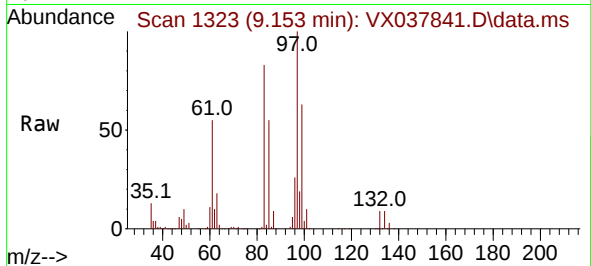
39 45.2 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 54.513 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

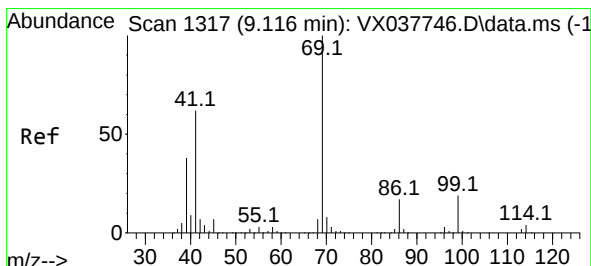
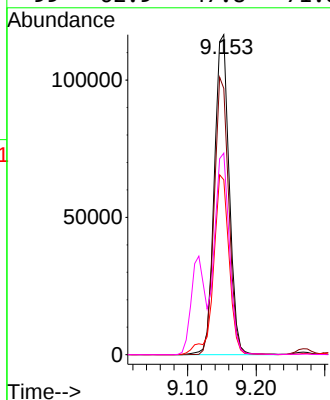
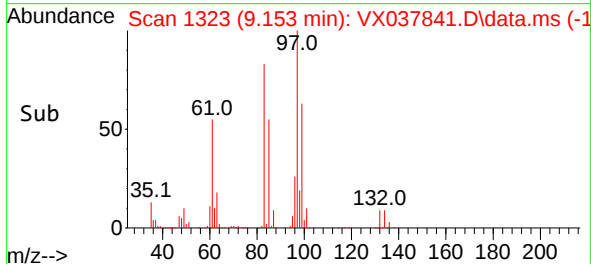
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



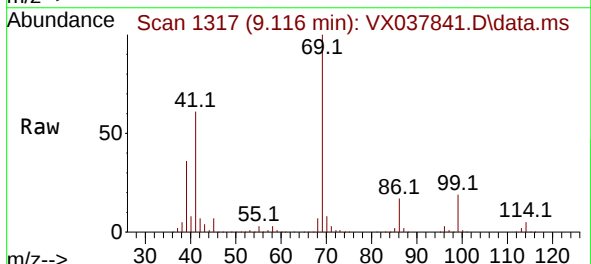
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.2	65.8	98.8
85	54.6	41.6	62.4
99	62.9	47.8	71.8

Manual Integrations
APPROVED

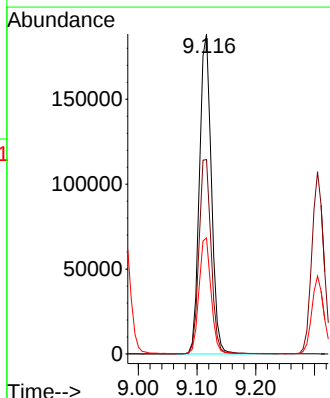
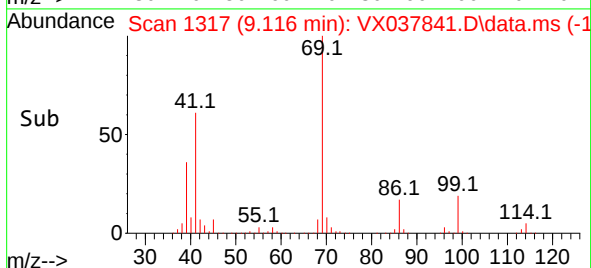
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

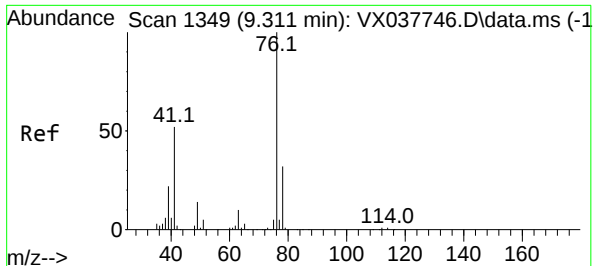


#56
Ethyl methacrylate
Concen: 55.092 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.8	56.8	85.2
39	36.6	32.0	48.0





#57

1,3-Dichloropropane

Concen: 54.125 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 28213

Ion Ratio Lower Upper

76 100

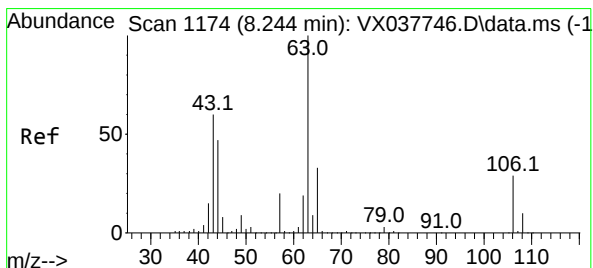
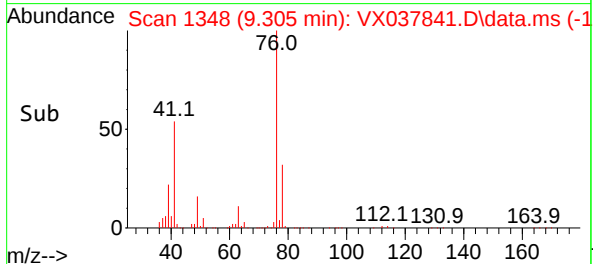
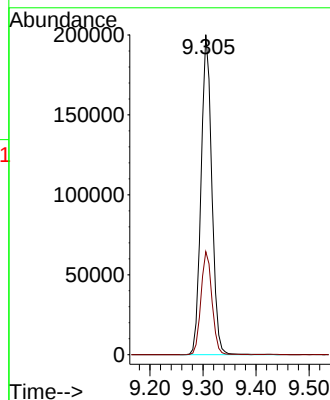
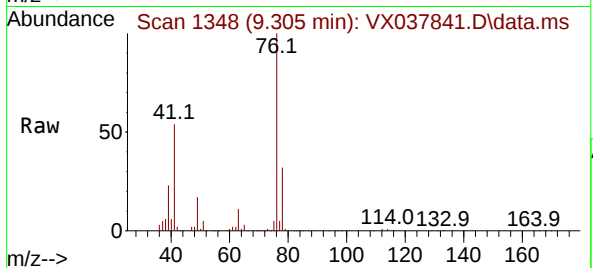
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 239.361 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037841.D

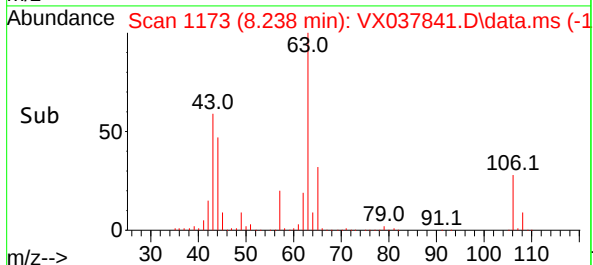
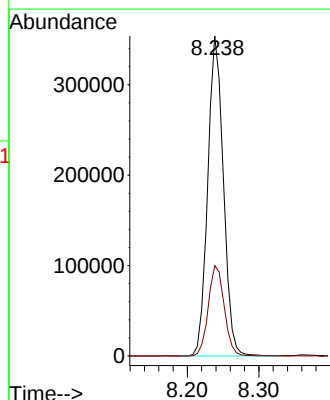
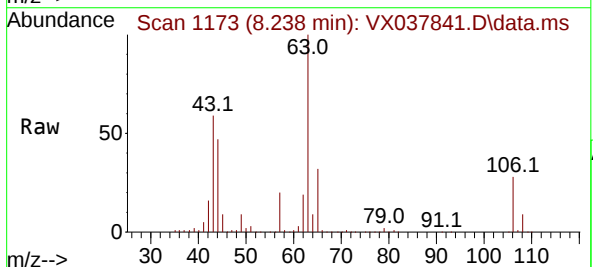
Acq: 21 Sep 2023 09:40

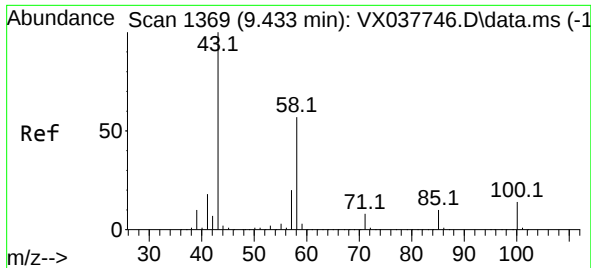
Tgt Ion: 63 Resp: 537491

Ion Ratio Lower Upper

63 100

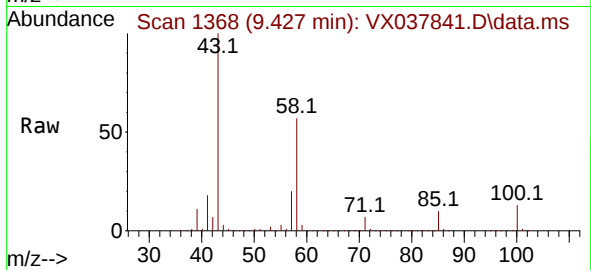
106 28.8 22.5 33.7





#59
2-Hexanone
Concen: 255.007 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

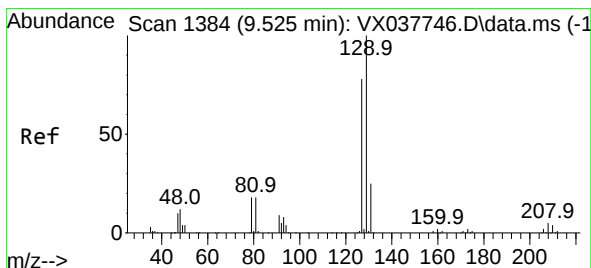
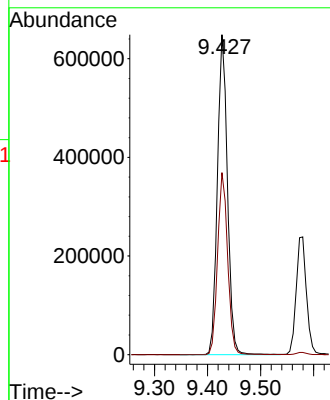
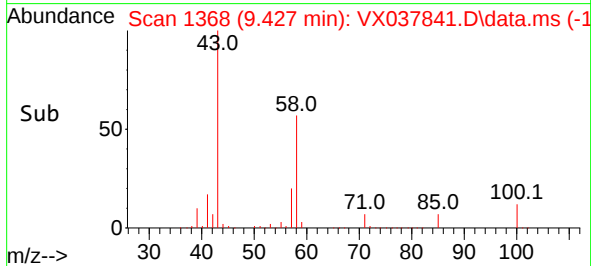
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 85368
Ion Ratio Lower Upper
43 100
58 57.0 26.2 78.5

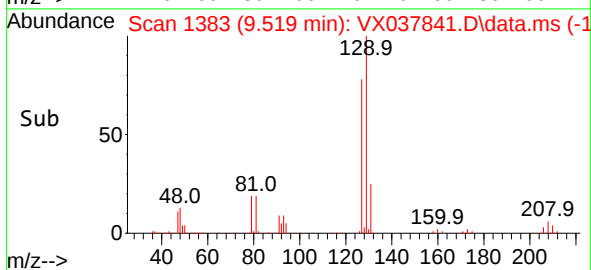
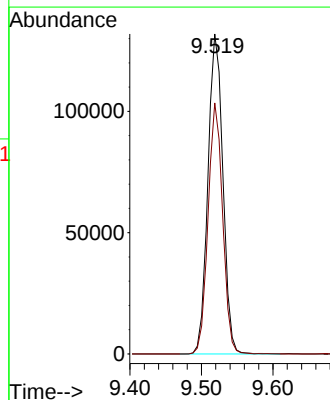
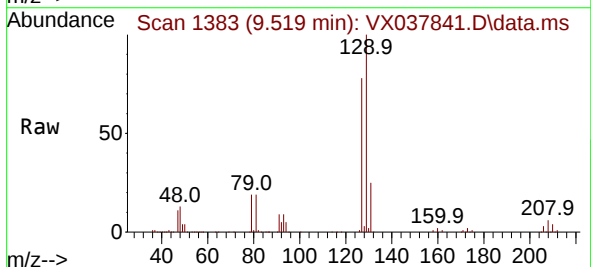
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 59.732 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

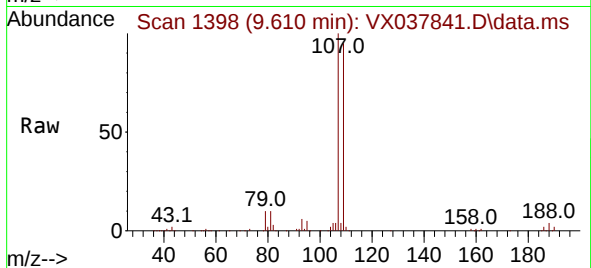
Tgt Ion:129 Resp: 191677
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.387 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

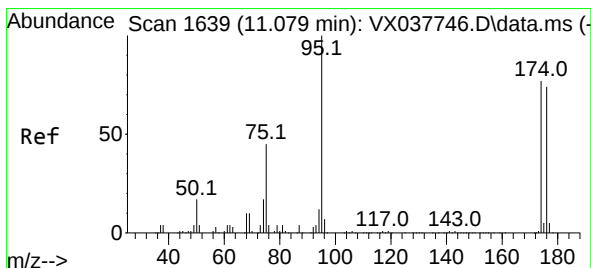
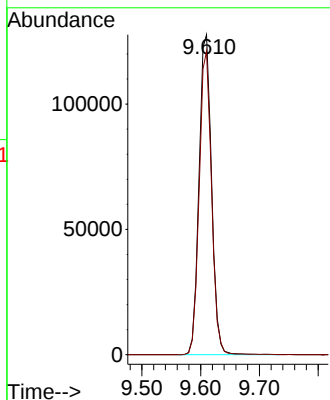
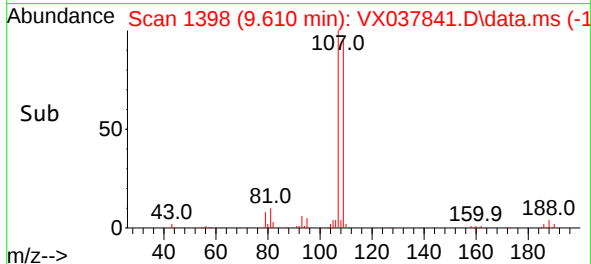
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



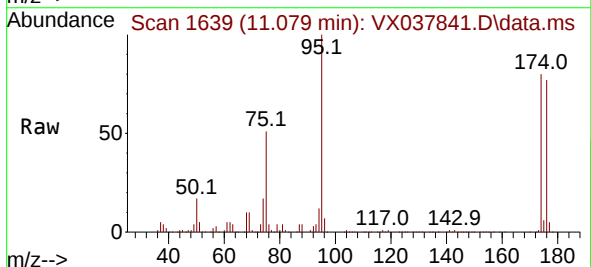
Tgt Ion:107 Resp: 18890
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8

Manual Integrations
APPROVED

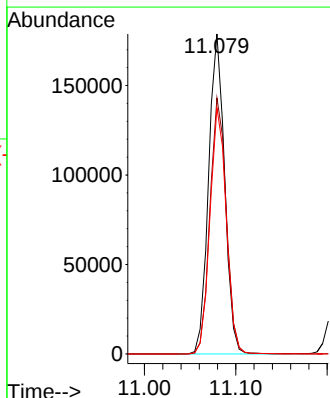
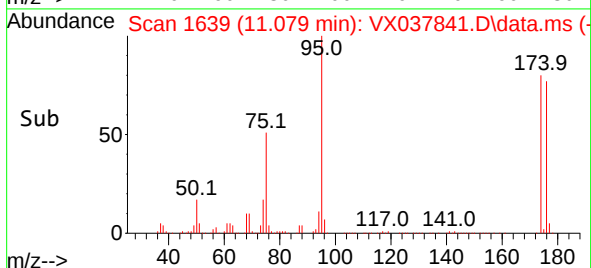
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

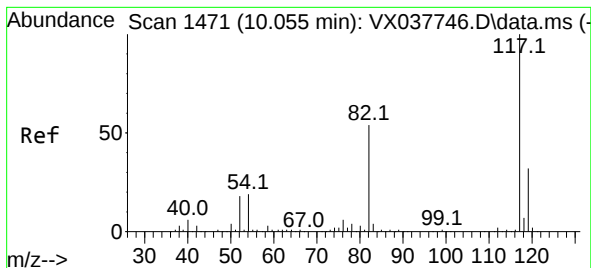


#62
4-Bromofluorobenzene
Concen: 57.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40



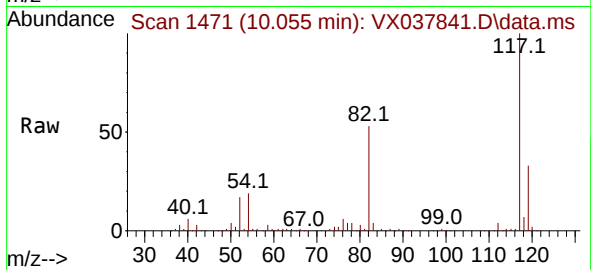
Tgt Ion: 95 Resp: 217044
Ion Ratio Lower Upper
95 100
174 81.9 0.0 135.6
176 78.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

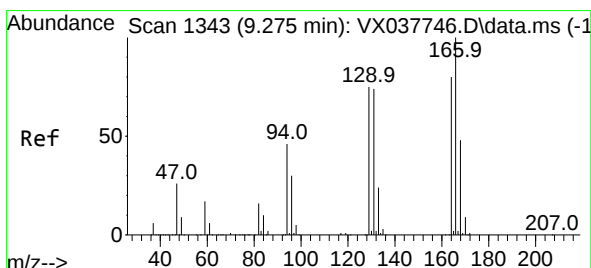
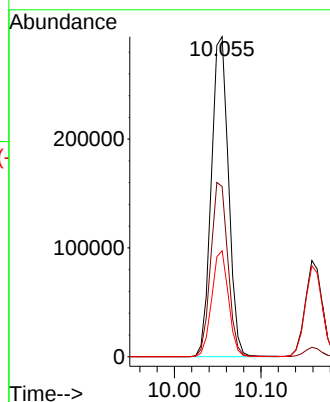
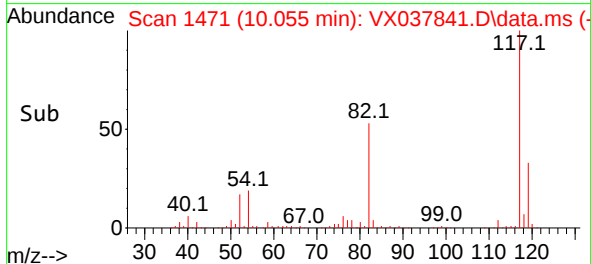
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 404982
Ion Ratio Lower Upper
117 100
82 53.2 46.2 69.4
119 33.1 25.5 38.3

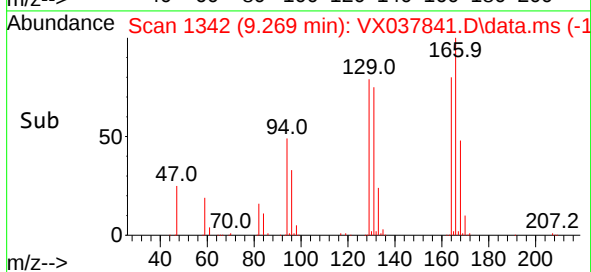
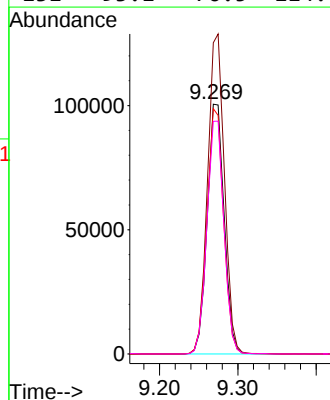
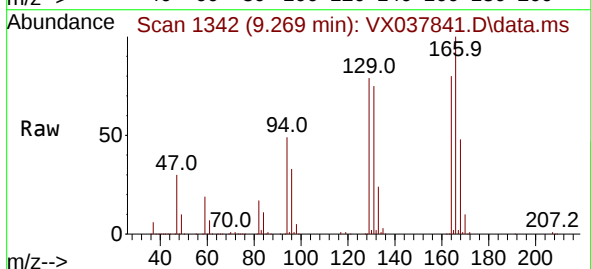
Manual Integrations
APPROVED

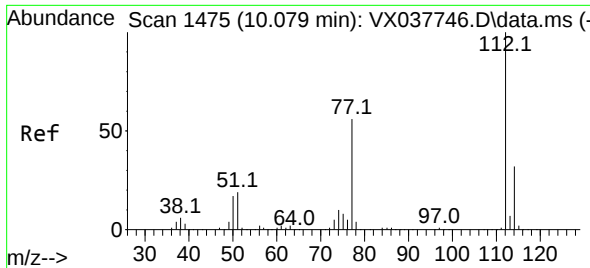
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#64
Tetrachloroethene
Concen: 54.426 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Tgt Ion:164 Resp: 150320
Ion Ratio Lower Upper
164 100
166 124.6 102.7 154.1
129 98.2 80.4 120.6
131 93.1 76.5 114.7





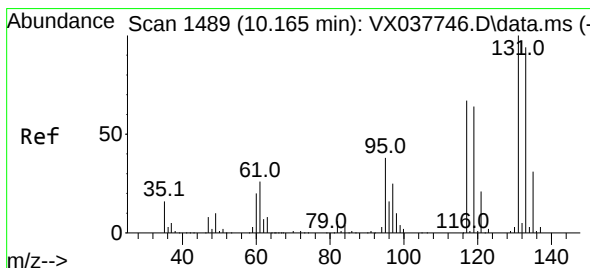
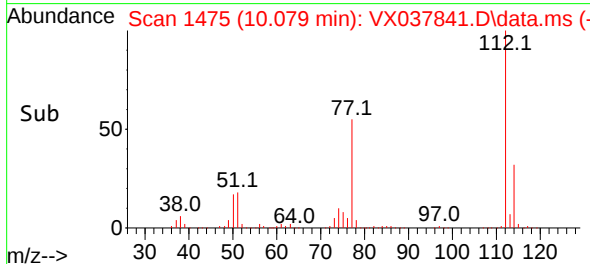
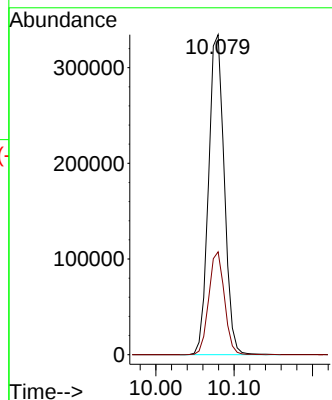
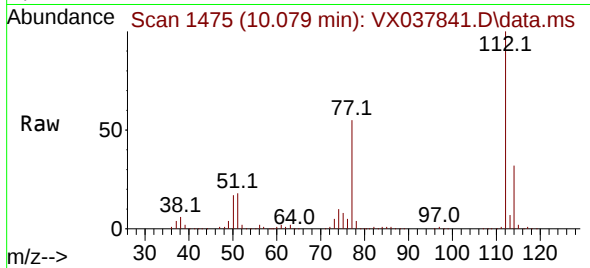
#65
Chlorobenzene
Concen: 53.232 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 465000
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

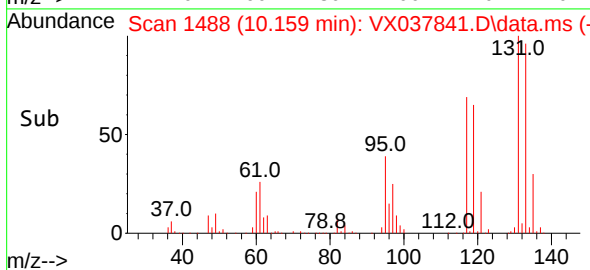
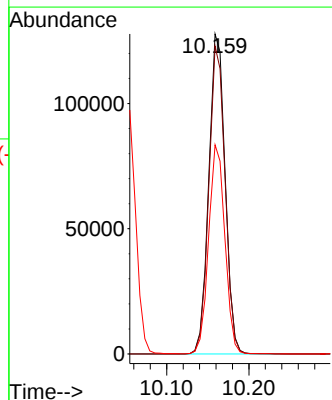
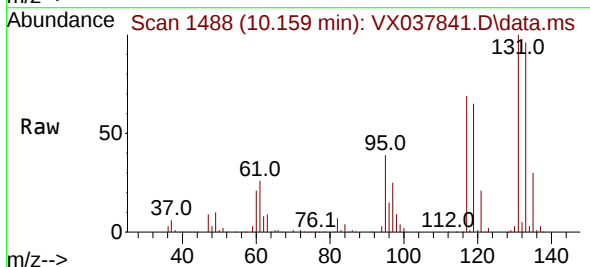
Manual Integrations
APPROVED

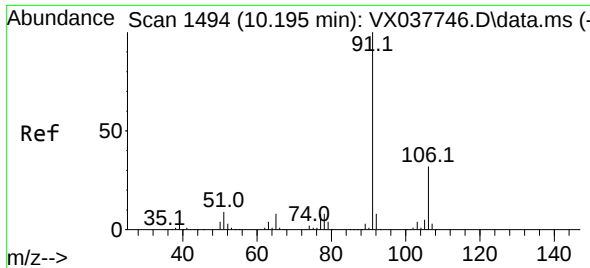
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 56.981 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

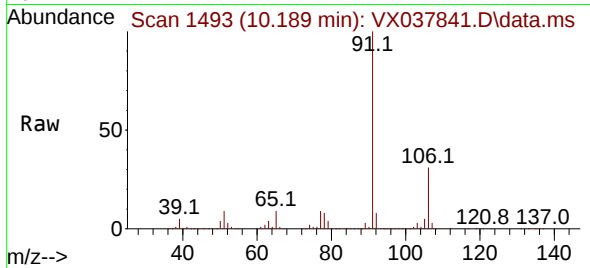
Tgt Ion:131 Resp: 176396
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.4
119 65.2 32.2 96.6





#67
Ethyl Benzene
Concen: 55.626 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

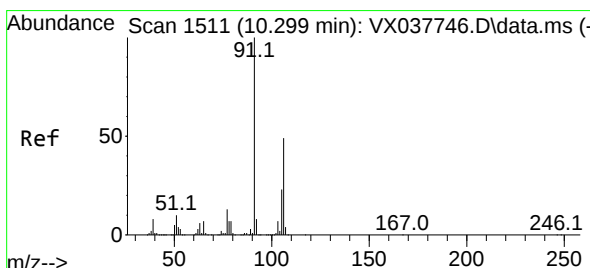
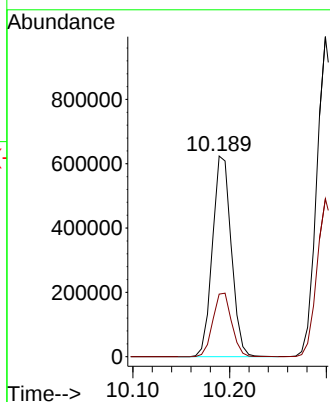
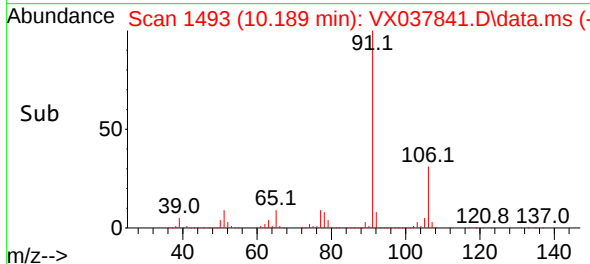
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 842468
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

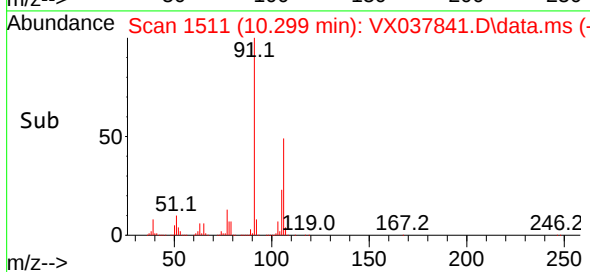
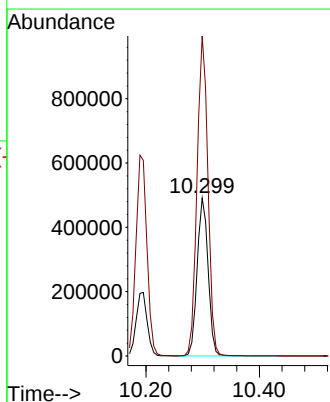
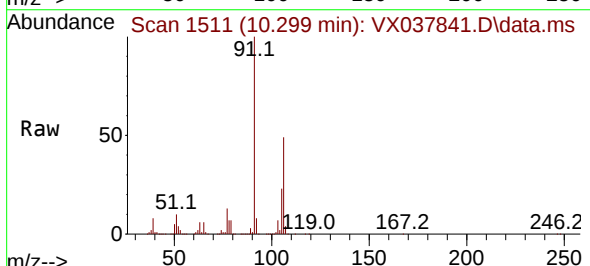
Manual Integrations
APPROVED

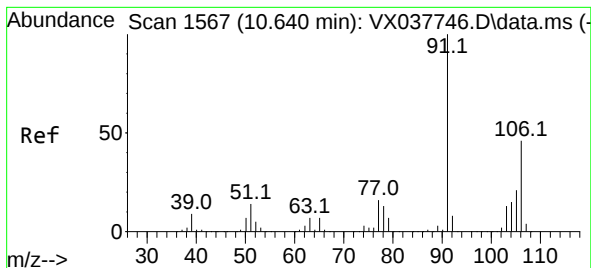
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#68
m/p-Xylenes
Concen: 112.241 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Tgt Ion:106 Resp: 656868
Ion Ratio Lower Upper
106 100
91 201.9 165.5 248.3





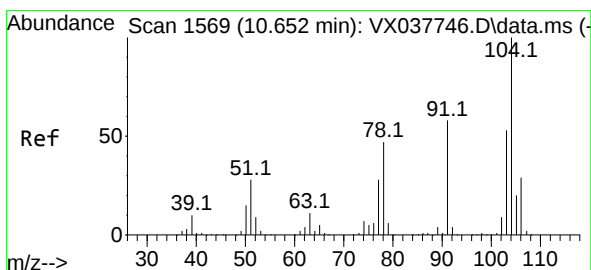
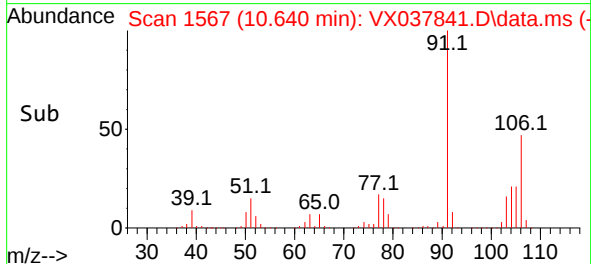
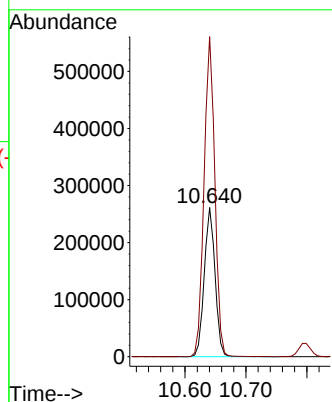
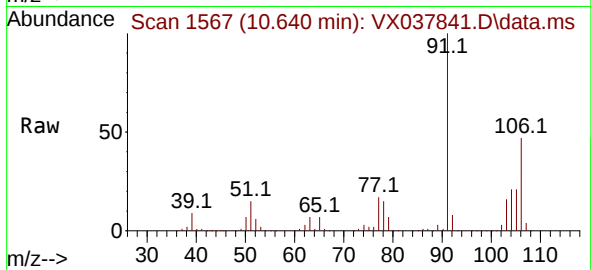
#69
o-Xylene
Concen: 54.907 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 322228
Ion Ratio Lower Upper
106 100
91 214.1 108.9 326.8

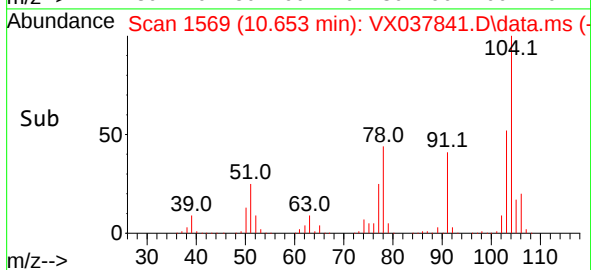
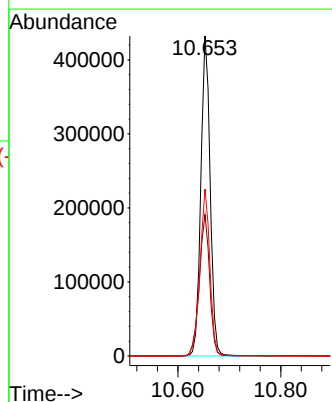
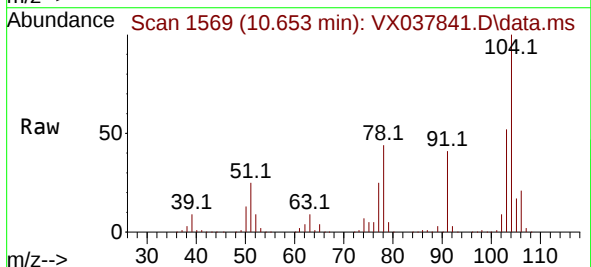
Manual Integrations
APPROVED

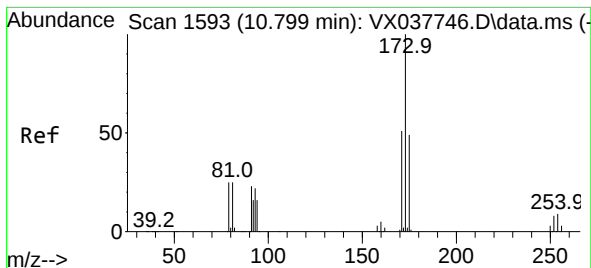
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#70
Styrene
Concen: 57.915 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

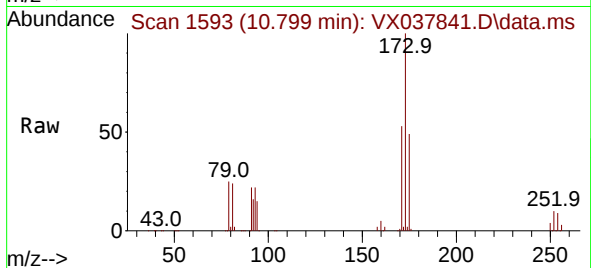
Tgt Ion:104 Resp: 545636
Ion Ratio Lower Upper
104 100
78 49.0 43.6 65.4
103 55.6 43.6 65.4





#71
Bromoform
Concen: 59.241 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

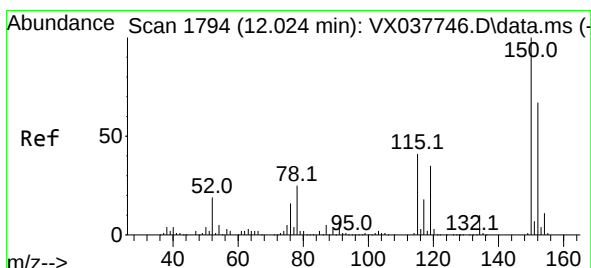
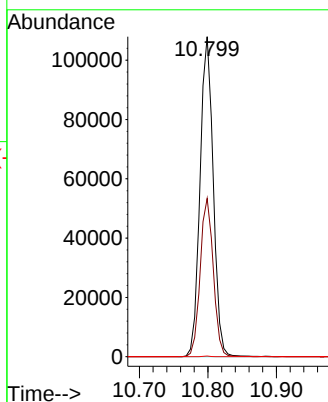
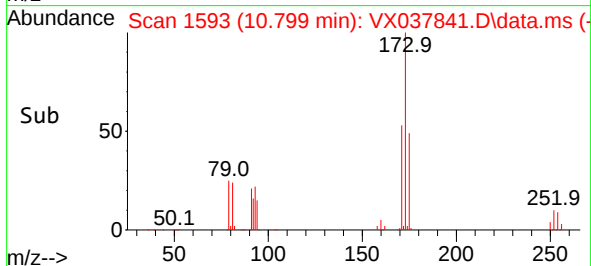
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



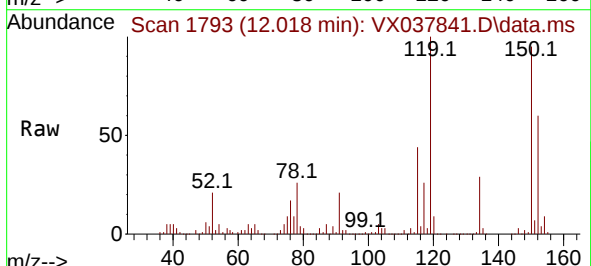
Tgt Ion:173 Resp: 144879
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

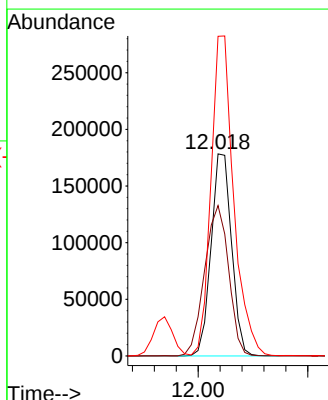
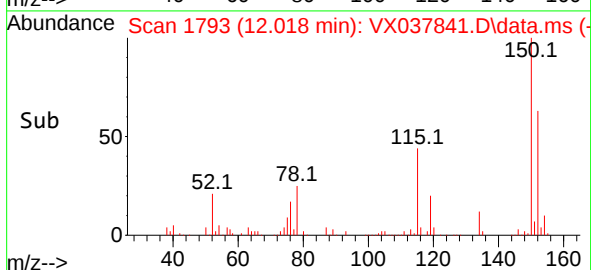
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

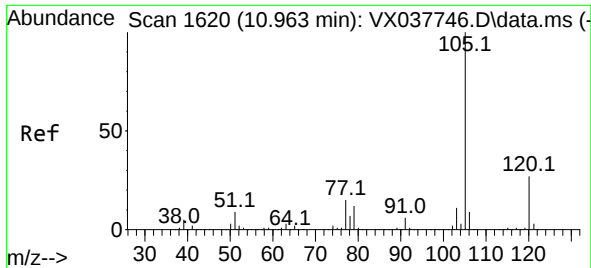


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40



Tgt Ion:152 Resp: 231627
Ion Ratio Lower Upper
152 100
115 87.8 43.3 129.9
150 175.8 0.0 345.0





#73
Isopropylbenzene
Concen: 50.311 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Instrument :

MSVOA_X

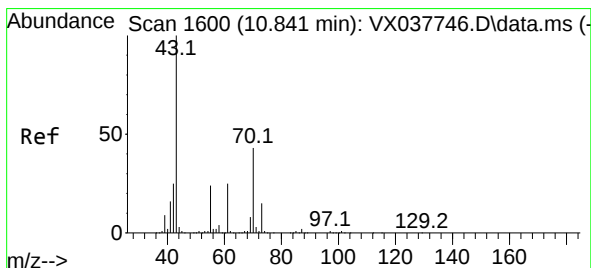
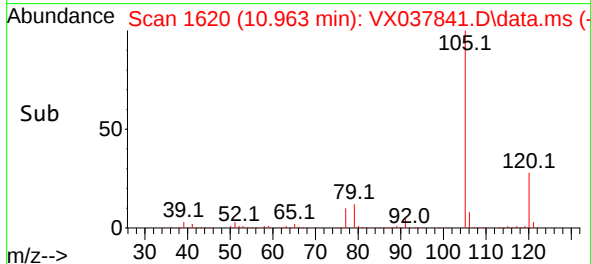
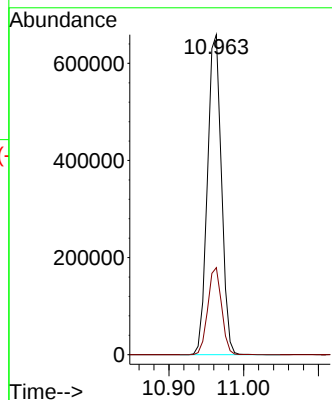
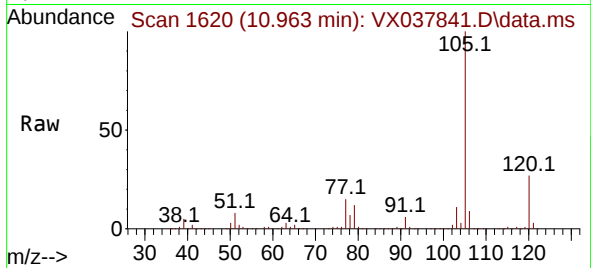
ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 85494
Ion Ratio Lower Upper
105 100
120 26.9 12.9 38.6

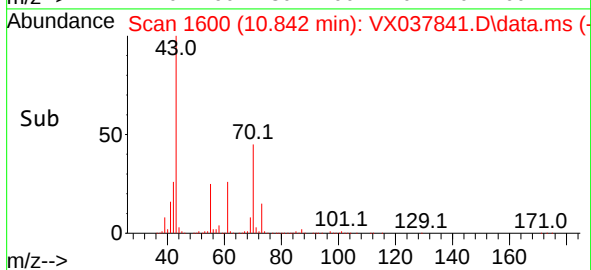
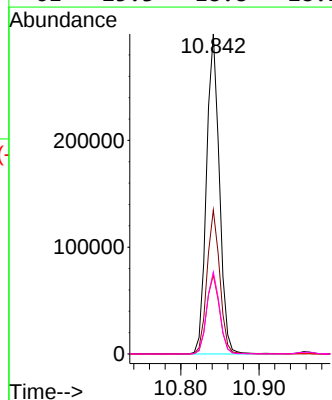
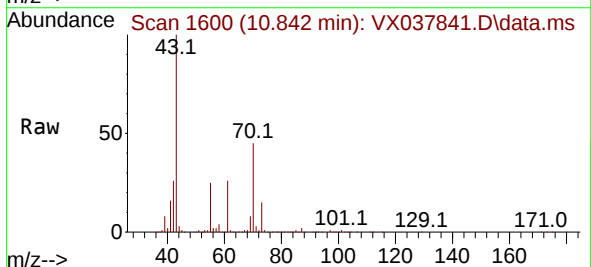
Manual Integrations
APPROVED

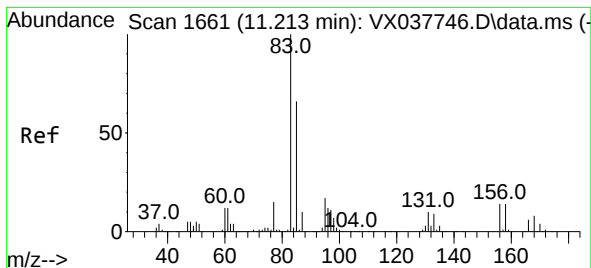
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#74
N-ethyl acetate
Concen: 49.673 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

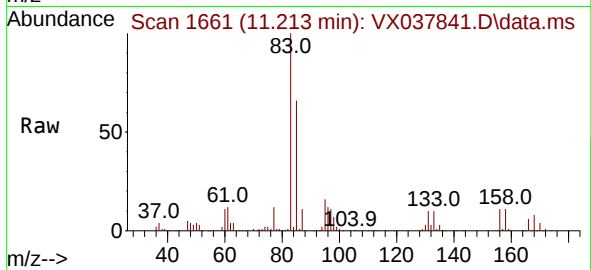
Tgt Ion: 43 Resp: 341856
Ion Ratio Lower Upper
43 100
70 44.4 32.9 49.3
55 24.8 19.3 28.9
61 25.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.037 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

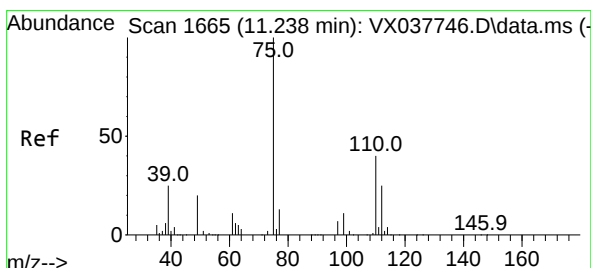
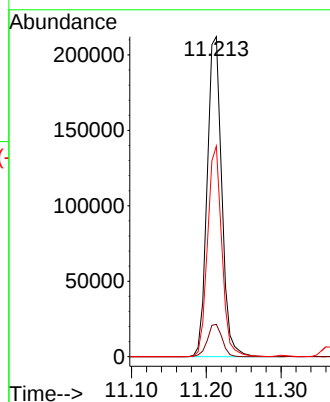
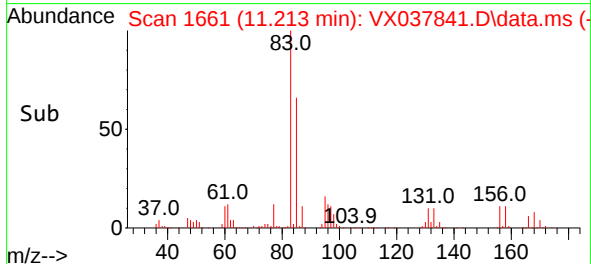
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



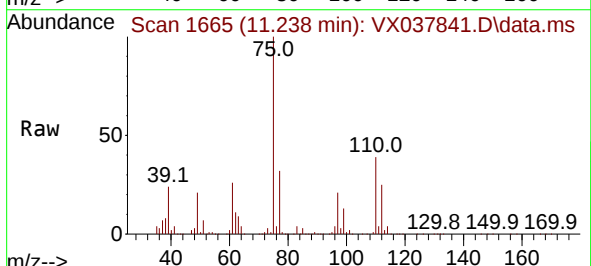
Tgt Ion: 83 Resp: 287088
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 64.3 32.0 96.2

Manual Integrations
APPROVED

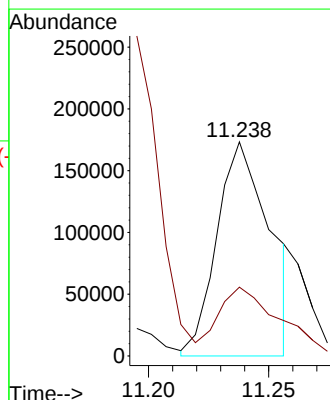
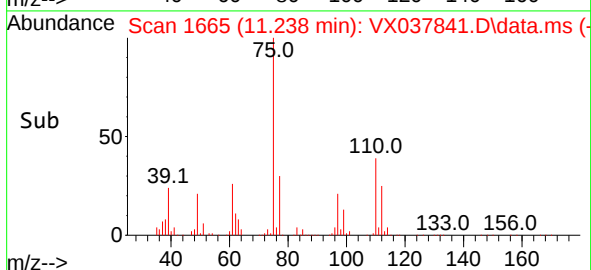
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

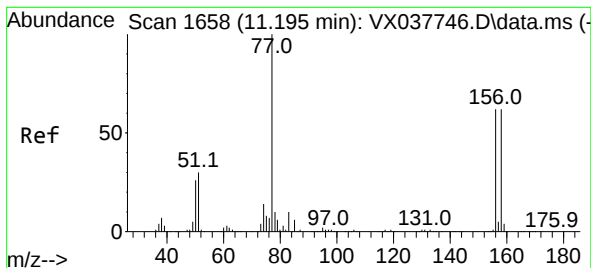


#76
1,2,3-Trichloropropane
Concen: 49.400 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40



Tgt Ion: 75 Resp: 264651
Ion Ratio Lower Upper
75 100
77 37.4 19.1 57.5





#77

Bromobenzene

Concen: 50.948 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 21429

Ion Ratio Lower Upper

156 100

77 151.7 88.4 265.3

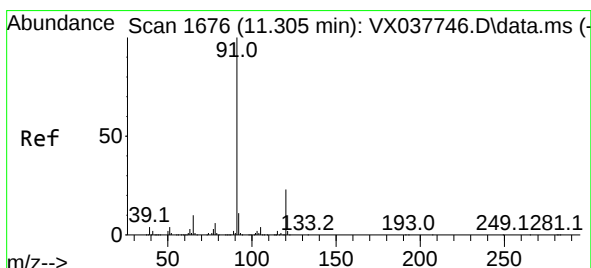
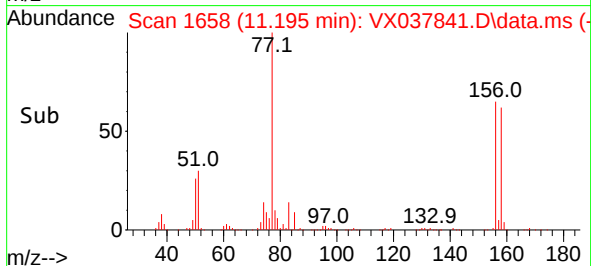
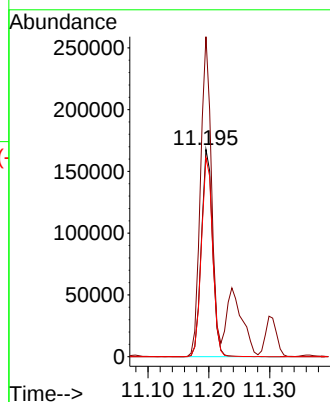
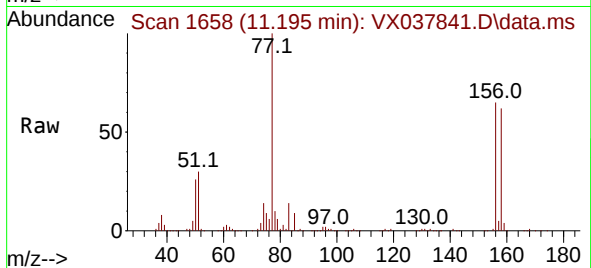
158 97.2 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#78

n-propylbenzene

Concen: 53.952 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037841.D

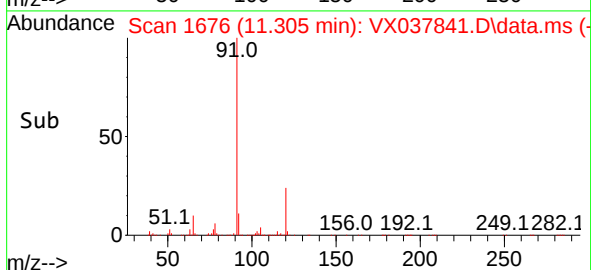
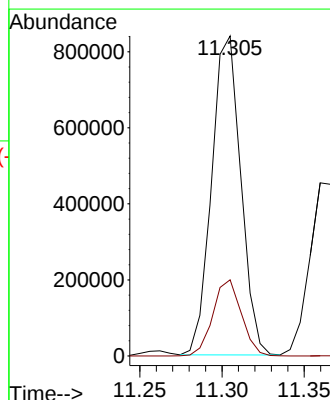
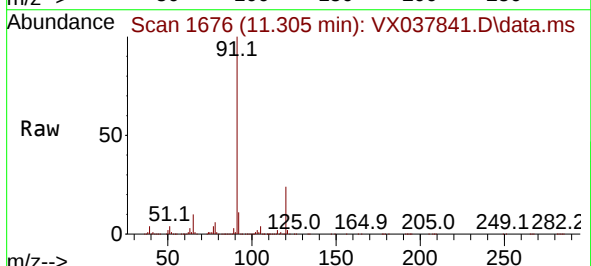
Acq: 21 Sep 2023 09:40

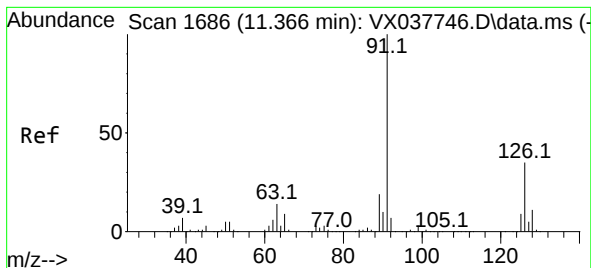
Tgt Ion: 91 Resp: 1035410

Ion Ratio Lower Upper

91 100

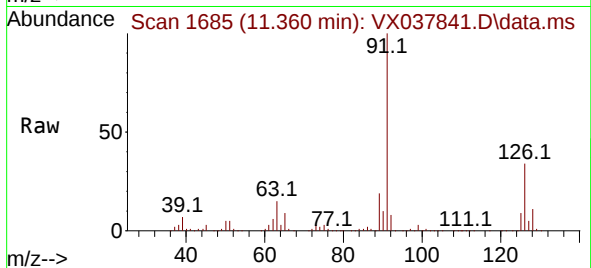
120 23.4 11.5 34.4





#79
2-Chlorotoluene
Concen: 50.483 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

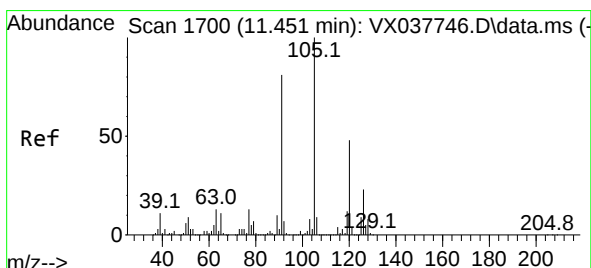
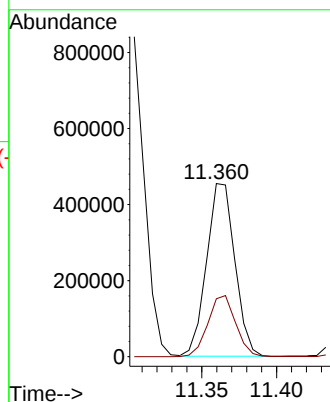
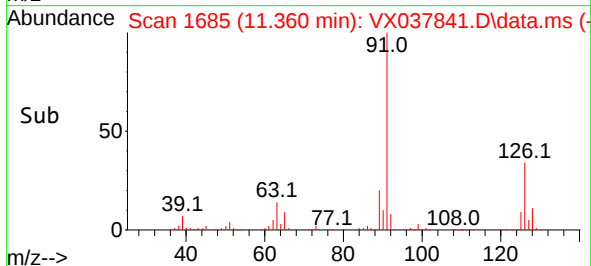
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 59737
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

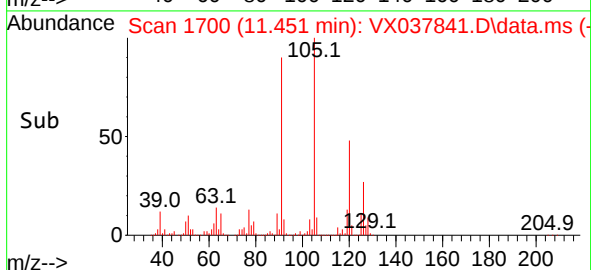
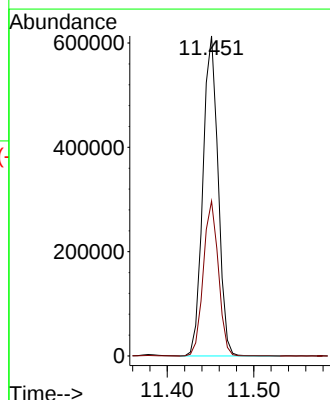
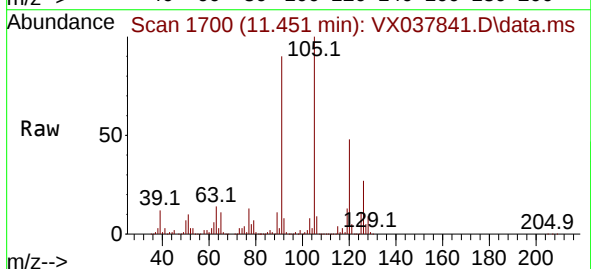
Manual Integrations
APPROVED

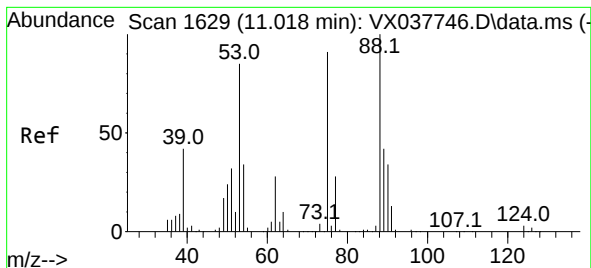
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.030 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Tgt Ion:105 Resp: 746671
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





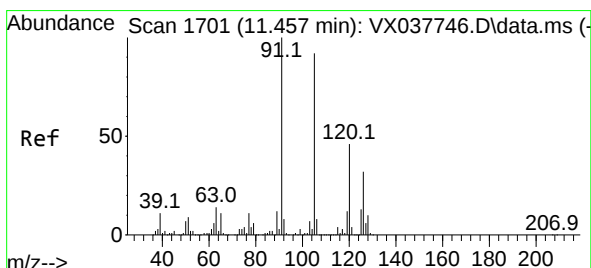
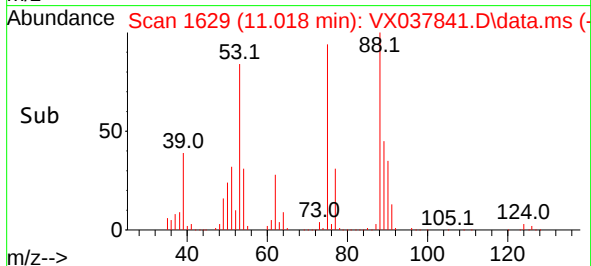
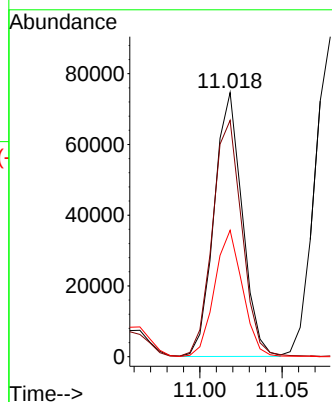
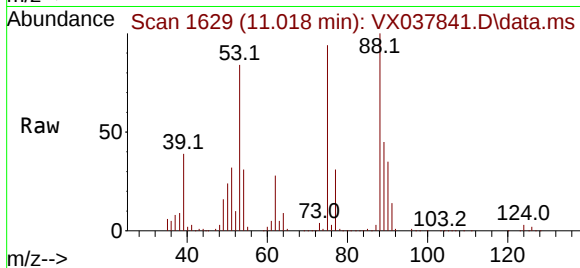
#81
trans-1,4-Dichloro-2-butene
Concen: 53.002 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 88640
Ion Ratio Lower Upper
75 100
53 93.8 90.5 135.7
89 47.8 36.9 55.3

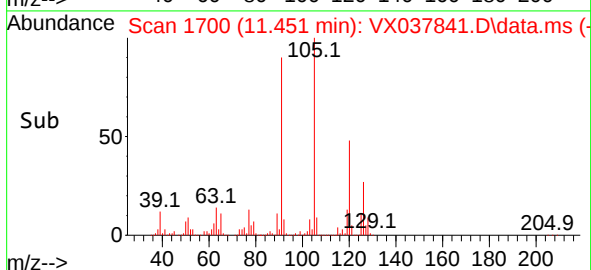
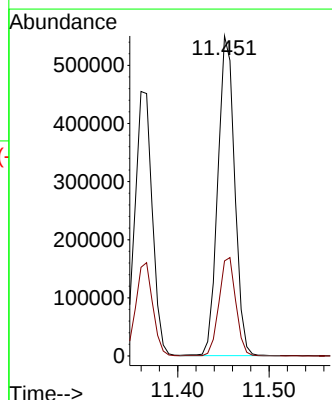
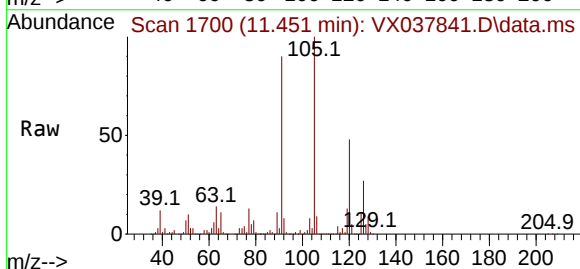
Manual Integrations
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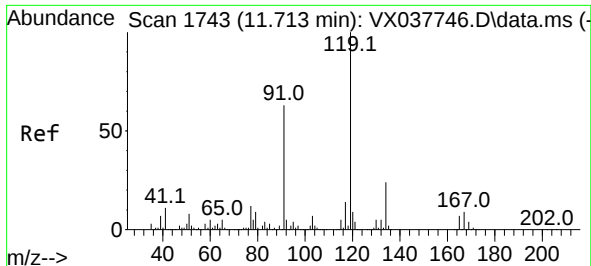
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#82
4-Chlorotoluene
Concen: 52.947 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

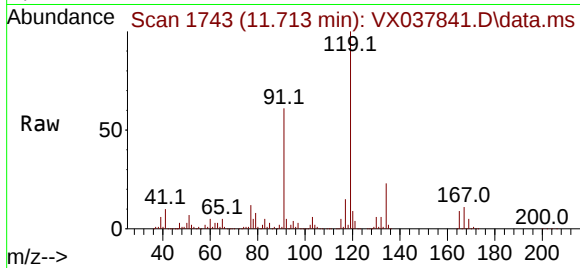
Tgt Ion: 91 Resp: 705360
Ion Ratio Lower Upper
91 100
126 30.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.554 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

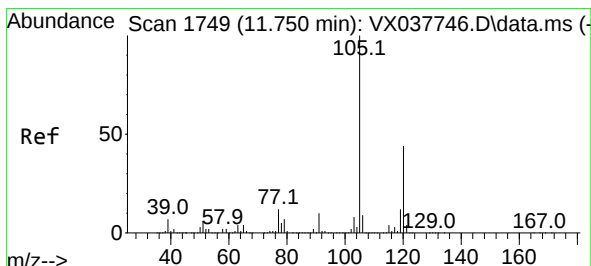
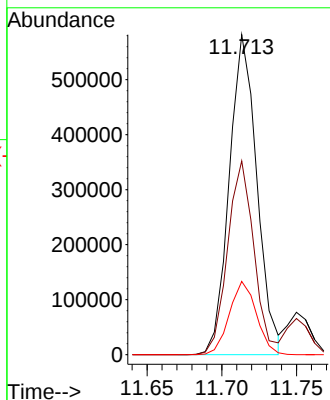
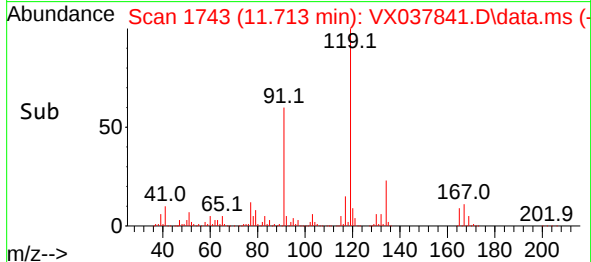
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



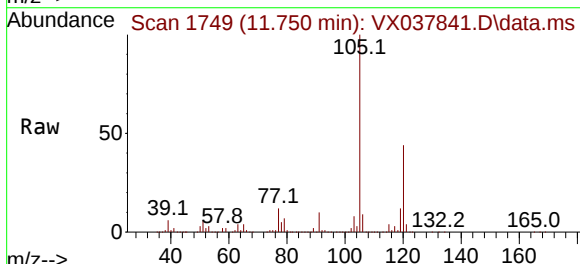
Tgt Ion:119 Resp: 747730
Ion Ratio Lower Upper
119 100
91 57.9 31.2 93.6
134 22.4 11.7 35.0

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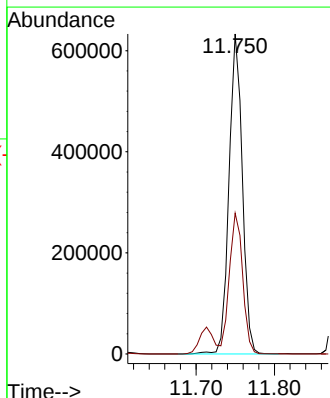
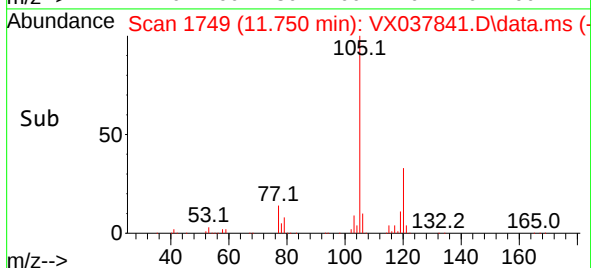
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

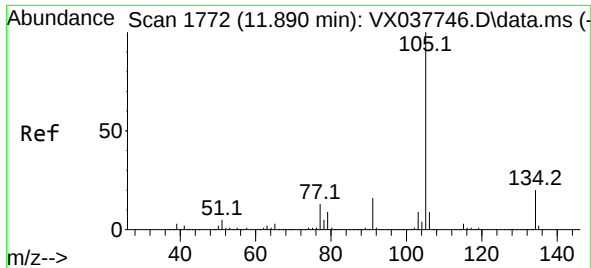


#84
1,2,4-Trimethylbenzene
Concen: 52.232 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40



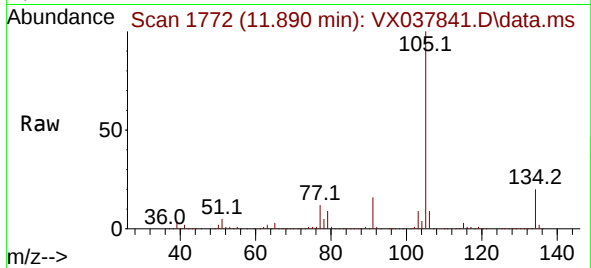
Tgt Ion:105 Resp: 745782
Ion Ratio Lower Upper
105 100
120 43.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 54.529 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037841.D
 Acq: 21 Sep 2023 09:40

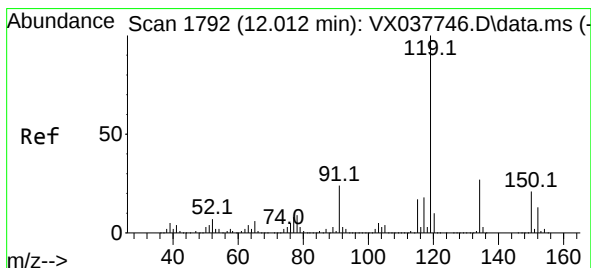
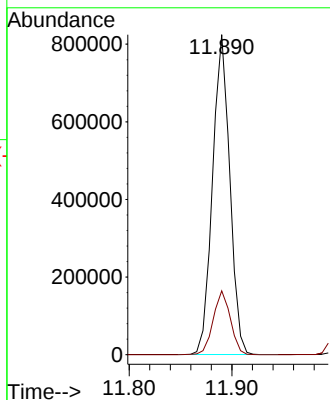
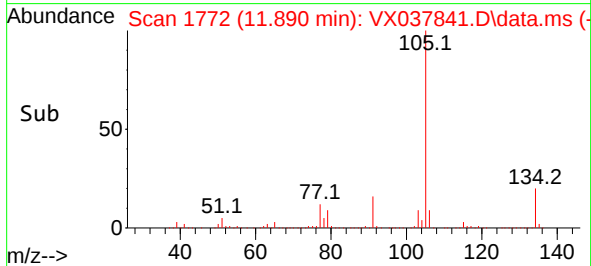
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



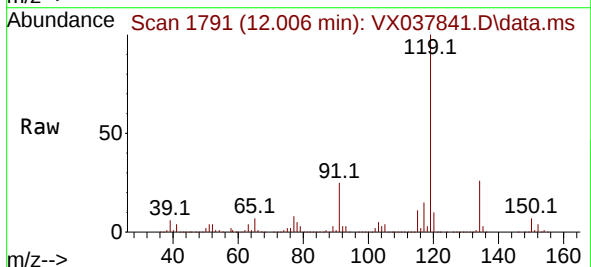
Tgt Ion:105 Resp: 959509
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

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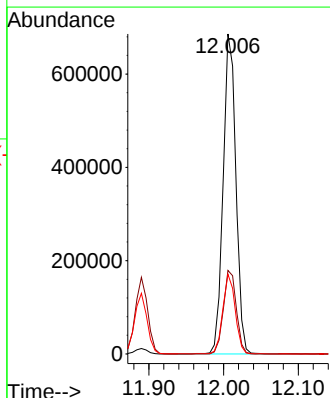
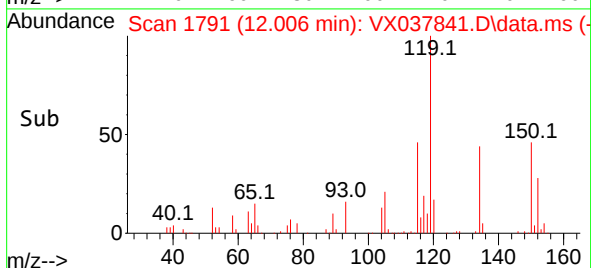
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023

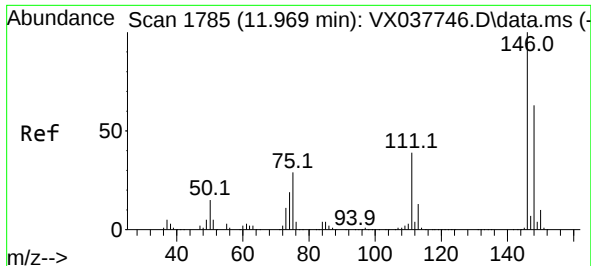


#86
 p-Isopropyltoluene
 Concen: 55.626 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037841.D
 Acq: 21 Sep 2023 09:40



Tgt Ion:119 Resp: 815488
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 24.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.798 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037841.D

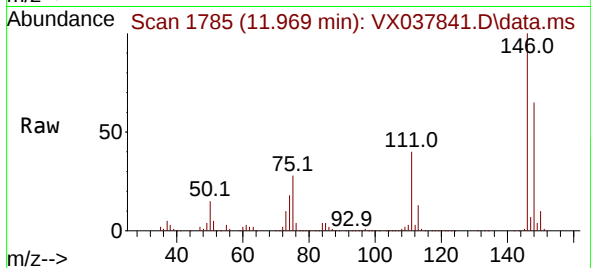
Acq: 21 Sep 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 421798

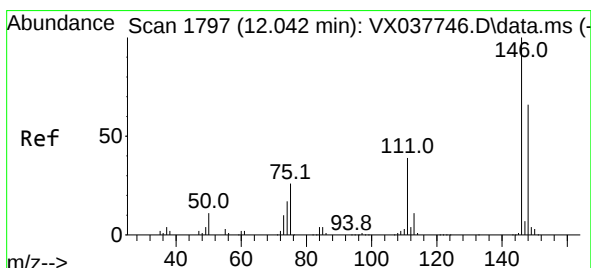
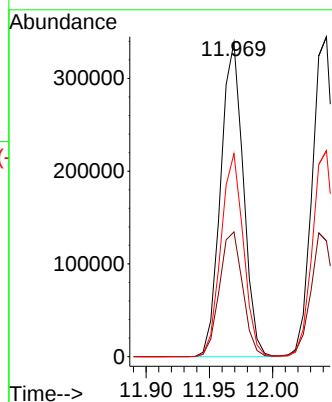
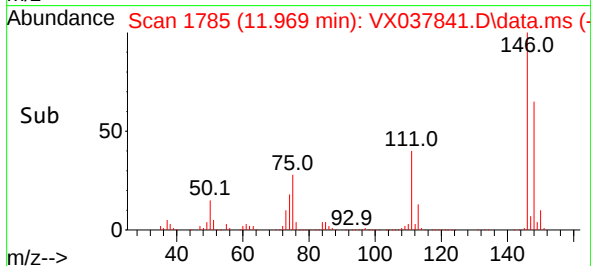
Ion	Ratio	Lower	Upper
146	100		
111	40.8	22.1	66.1
148	64.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#88

1,4-Dichlorobenzene

Concen: 53.446 ug/l

RT: 12.043 min Scan# 1797

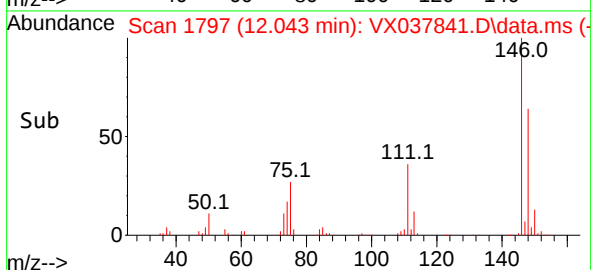
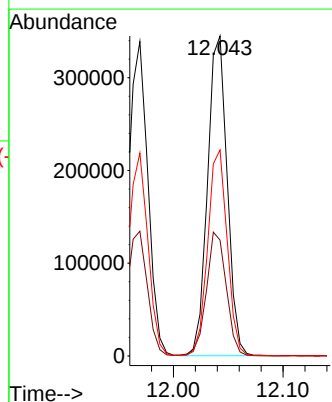
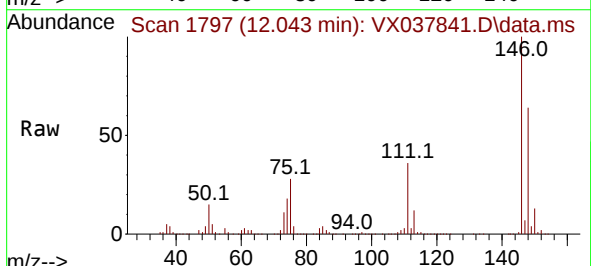
Delta R.T. -0.000 min

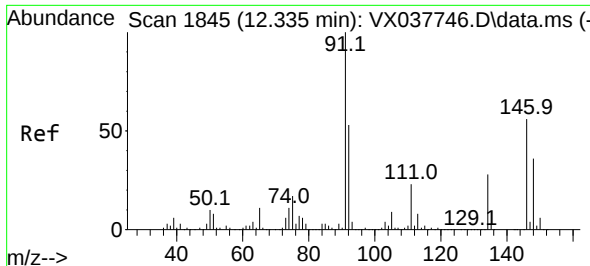
Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

Tgt Ion:146 Resp: 428796

Ion	Ratio	Lower	Upper
146	100		
111	39.2	21.3	63.7
148	64.3	31.8	95.4





#89

n-Butylbenzene

Concen: 60.581 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037841.D

Acq: 21 Sep 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 778029

Ion Ratio Lower Upper

91 100

92 52.4 27.4 82.0

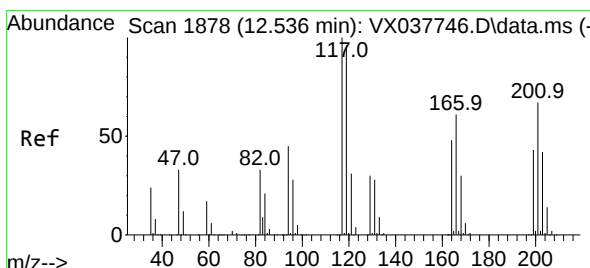
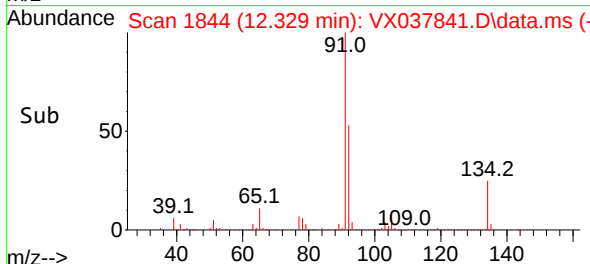
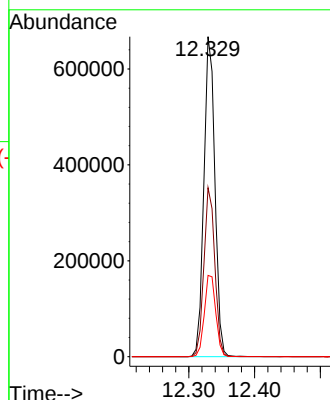
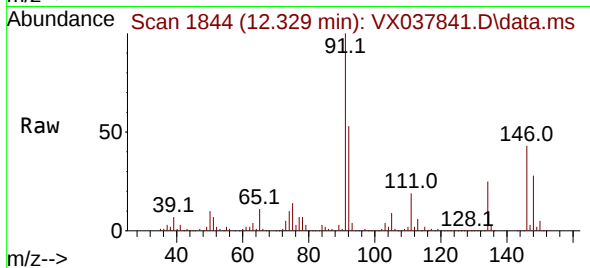
134 26.4 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#90

Hexachloroethane

Concen: 56.458 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037841.D

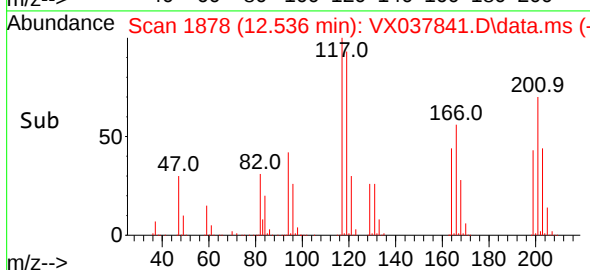
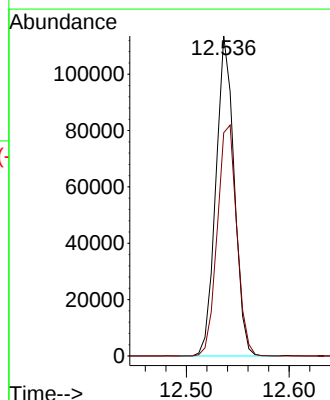
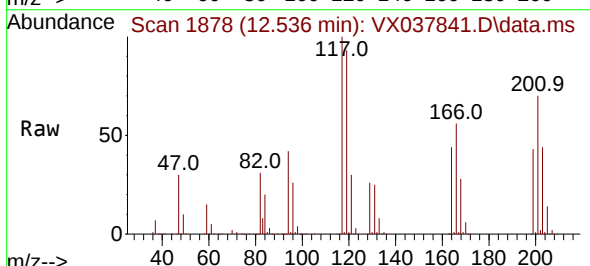
Acq: 21 Sep 2023 09:40

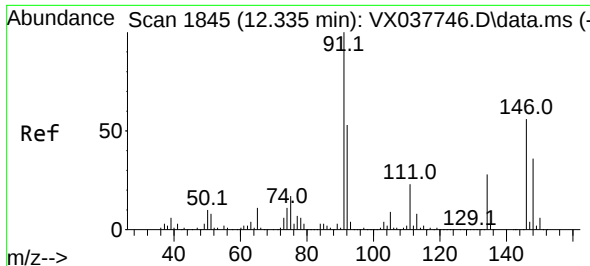
Tgt Ion:117 Resp: 140240

Ion Ratio Lower Upper

117 100

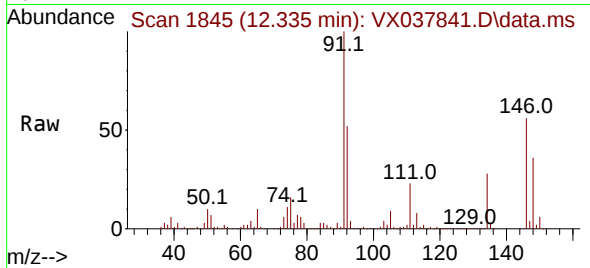
201 76.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.961 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

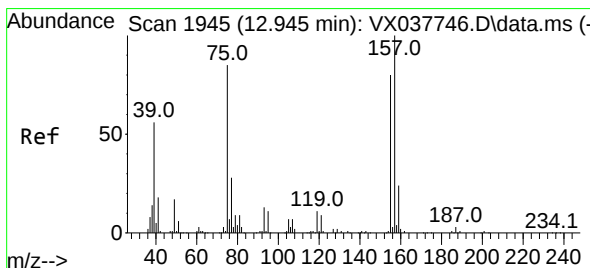
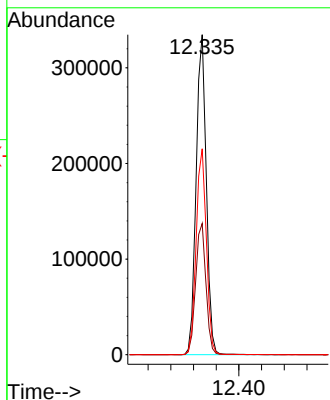
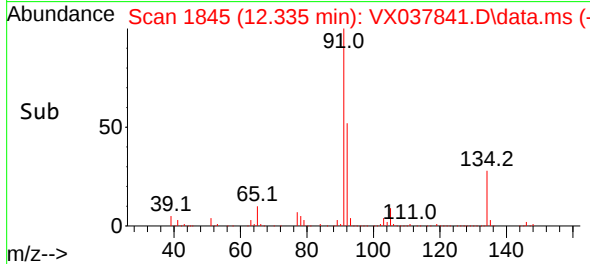
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



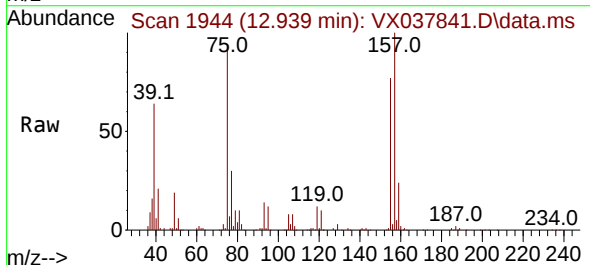
Tgt Ion:146 Resp: 415940
Ion Ratio Lower Upper
146 100
111 41.7 22.4 67.0
148 64.9 31.6 95.0

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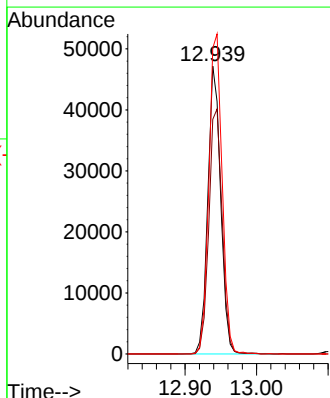
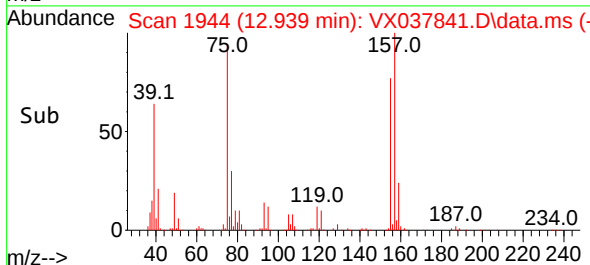
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

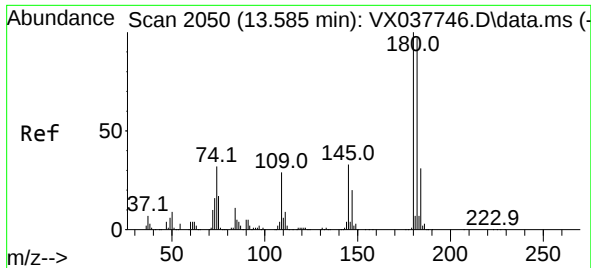


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.403 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40



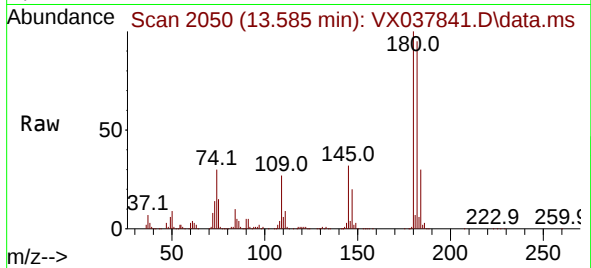
Tgt Ion: 75 Resp: 58855
Ion Ratio Lower Upper
75 100
155 88.0 36.1 108.5
157 114.7 44.9 134.7





#93
 1,2,4-Trichlorobenzene
 Concen: 60.015 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: VX037841.D
 Acq: 21 Sep 2023 09:40

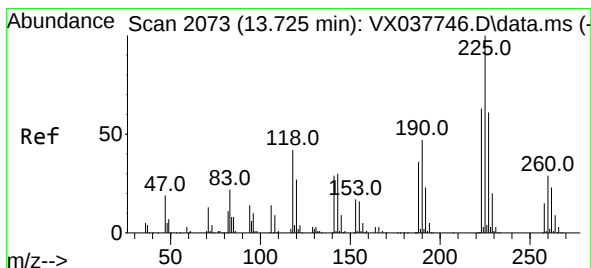
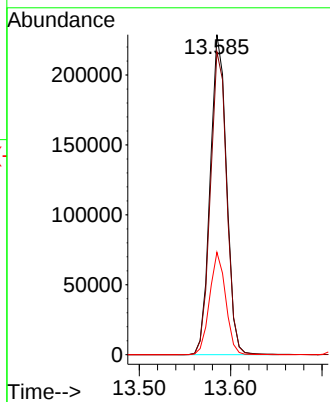
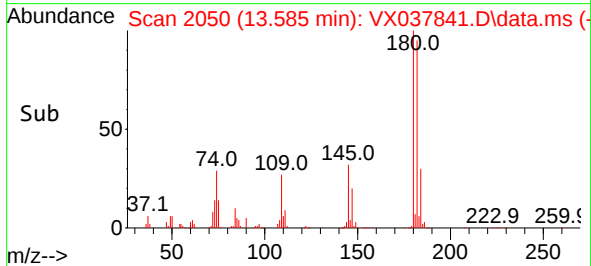
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



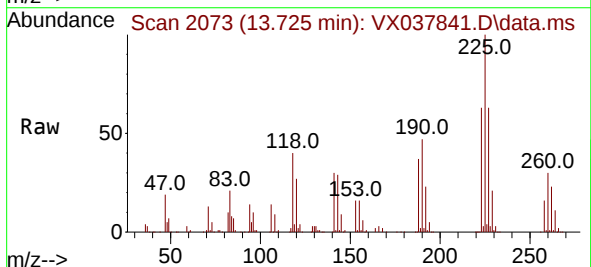
Tgt Ion:180 Resp: 28299
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.3 144.8
 145 31.4 18.0 54.0

Manual Integrations
 APPROVED

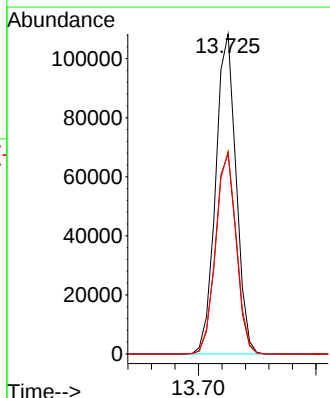
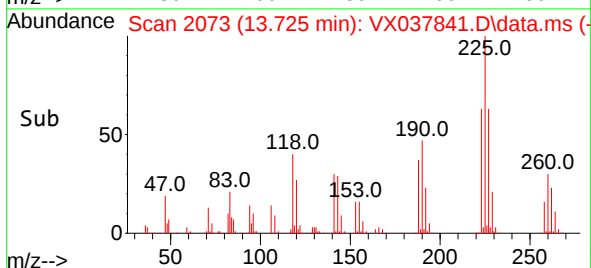
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023

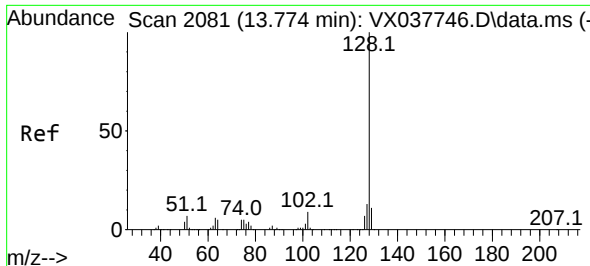


#94
 Hexachlorobutadiene
 Concen: 59.457 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX037841.D
 Acq: 21 Sep 2023 09:40



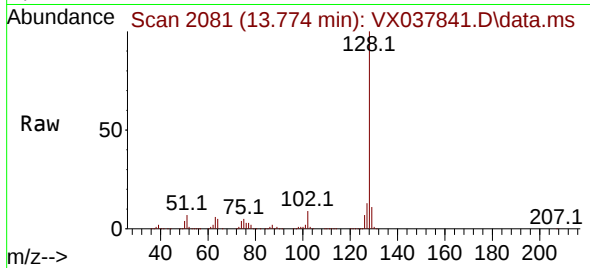
Tgt Ion:225 Resp: 130925
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.1 93.2
 227 63.9 32.5 97.5





#95
Naphthalene
Concen: 53.981 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40

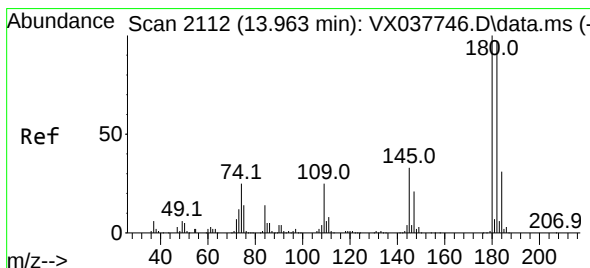
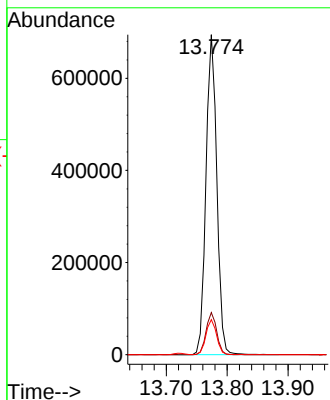
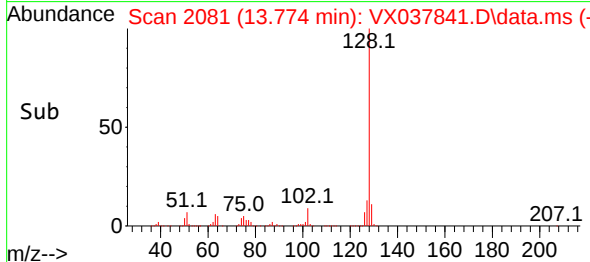
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



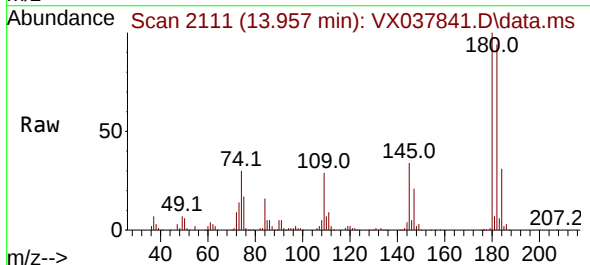
Tgt Ion:128 Resp: 86084
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 56.472 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX037841.D
Acq: 21 Sep 2023 09:40



Tgt Ion:180 Resp: 274029
Ion Ratio Lower Upper
180 100
182 95.0 46.9 140.6
145 32.8 17.8 53.5

