

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037501.D
 Acq On : 05 Sep 2023 10:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/06/2023
 Supervised By : Mahesh Dadoda 09/06/2023

Quant Time: Sep 06 02:48:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	136119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	224643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91861	46.811	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.620%			
35) Dibromofluoromethane	5.385	113	81387	54.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.400%			
50) Toluene-d8	8.647	98	283243	52.485	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.960%			
62) 4-Bromofluorobenzene	11.079	95	120512	56.824	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77446	48.980	ug/l	99
3) Chloromethane	1.301	50	72581	52.469	ug/l	96
4) Vinyl Chloride	1.374	62	76766	50.983	ug/l	98
5) Bromomethane	1.593	94	33235	44.312	ug/l	99
6) Chloroethane	1.672	64	41335	46.651	ug/l	98
7) Trichlorofluoromethane	1.880	101	121077	49.089	ug/l	99
8) Diethyl Ether	2.130	74	49779	52.165	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	75934	52.772	ug/l	96
10) Methyl Iodide	2.447	142	87814	50.213	ug/l	93
11) Tert butyl alcohol	2.965	59	105385	228.932	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	69013	49.252	ug/l	84
13) Acrolein	2.233	56	80508	229.894	ug/l	96
14) Allyl chloride	2.660	41	108329	49.948	ug/l #	87
15) Acrylonitrile	3.062	53	228034	277.536	ug/l	99
16) Acetone	2.380	43	227120	295.841	ug/l #	85
17) Carbon Disulfide	2.508	76	154264	43.282	ug/l	100
18) Methyl Acetate	2.703	43	150623	52.108	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	274132	51.584	ug/l	97
20) Methylene Chloride	2.788	84	86836	50.579	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	75862	47.627	ug/l	85
22) Diisopropyl ether	3.757	45	230370	51.763	ug/l #	85
23) Vinyl Acetate	3.715	43	877402	257.267	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	140634	50.391	ug/l	96
25) 2-Butanone	4.550	43	310045	268.219	ug/l #	84
26) 2,2-Dichloropropane	4.471	77	124409	49.915	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	95413	50.811	ug/l	87
28) Bromochloromethane	4.897	49	62767	50.345	ug/l #	75
29) Tetrahydrofuran	5.001	42	184375	250.109	ug/l #	82
30) Chloroform	5.086	83	157975	50.424	ug/l	98
31) Cyclohexane	5.464	56	111989	50.753	ug/l	87
32) 1,1,1-Trichloroethane	5.379	97	138146	49.206	ug/l	95
36) 1,1-Dichloropropene	5.690	75	105734	50.023	ug/l	96
37) Ethyl Acetate	4.708	43	111047	51.431	ug/l #	92
38) Carbon Tetrachloride	5.672	117	119626	52.101	ug/l	98
39) Methylcyclohexane	7.379	83	135959	61.222	ug/l	90
40) Benzene	6.031	78	326294	53.825	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	61077	54.414	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	118190	49.716	ug/l	92
43) Isopropyl Acetate	6.336	43	182306	53.183	ug/l #	89
44) Trichloroethene	7.123	130	88159	51.287	ug/l	98
45) 1,2-Dichloropropane	7.427	63	84119	56.277	ug/l	98
46) Dibromomethane	7.580	93	64494	54.771	ug/l	92
47) Bromodichloromethane	7.818	83	122489	54.309	ug/l	98
48) Methyl methacrylate	7.690	41	88559	52.975	ug/l #	81
49) 1,4-Dioxane	7.659	88	47718	1059.869	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	576425	276.924	ug/l	88
52) Toluene	8.720	92	216240	53.988	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	135030	56.228	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	145460	56.051	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	96478	59.154	ug/l	98
56) Ethyl methacrylate	9.116	69	146861	57.487	ug/l #	81
57) 1,3-Dichloropropane	9.305	76	154917	56.345	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	321759	262.453	ug/l	92
59) 2-Hexanone	9.427	43	451004	284.166	ug/l	84
60) Dibromochloromethane	9.519	129	101531	58.469	ug/l	100
61) 1,2-Dibromoethane	9.610	107	100585	56.328	ug/l	99
64) Tetrachloroethene	9.275	164	72364	46.203	ug/l	99
65) Chlorobenzene	10.079	112	241172	53.149	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	92736	55.373	ug/l	99
67) Ethyl Benzene	10.195	91	419610	52.553	ug/l	99
68) m/p-Xylenes	10.299	106	334719	108.554	ug/l	95
69) o-Xylene	10.640	106	164927	54.214	ug/l	98
70) Styrene	10.652	104	281297	56.134	ug/l	96
71) Bromoform	10.799	173	76631	61.171	ug/l #	98
73) Isopropylbenzene	10.963	105	434178	51.884	ug/l	98
74) N-amyl acetate	10.841	43	162486	49.972	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	153290	54.393	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	127553m	52.023	ug/l	
77) Bromobenzene	11.195	156	106610	52.165	ug/l	91
78) n-propylbenzene	11.305	91	497958	53.440	ug/l	98
79) 2-Chlorotoluene	11.366	91	306443	51.463	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	379353	54.344	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	48899	55.703	ug/l #	83
82) 4-Chlorotoluene	11.451	91	351657	51.160	ug/l	97
83) tert-Butylbenzene	11.713	119	382426	57.445	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	381642	54.096	ug/l	97
85) sec-Butylbenzene	11.890	105	473501	60.893	ug/l	99
86) p-Isopropyltoluene	12.006	119	401898	60.039	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	204819	53.529	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	205344	51.944	ug/l	99
89) n-Butylbenzene	12.329	91	341954	61.615	ug/l	98
90) Hexachloroethane	12.536	117	72700	65.069	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	204002	54.447	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34617	52.864	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	127073	57.963	ug/l	98
94) Hexachlorobutadiene	13.725	225	57457	67.841	ug/l	98
95) Naphthalene	13.774	128	454474	47.325	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	127716	58.637	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

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

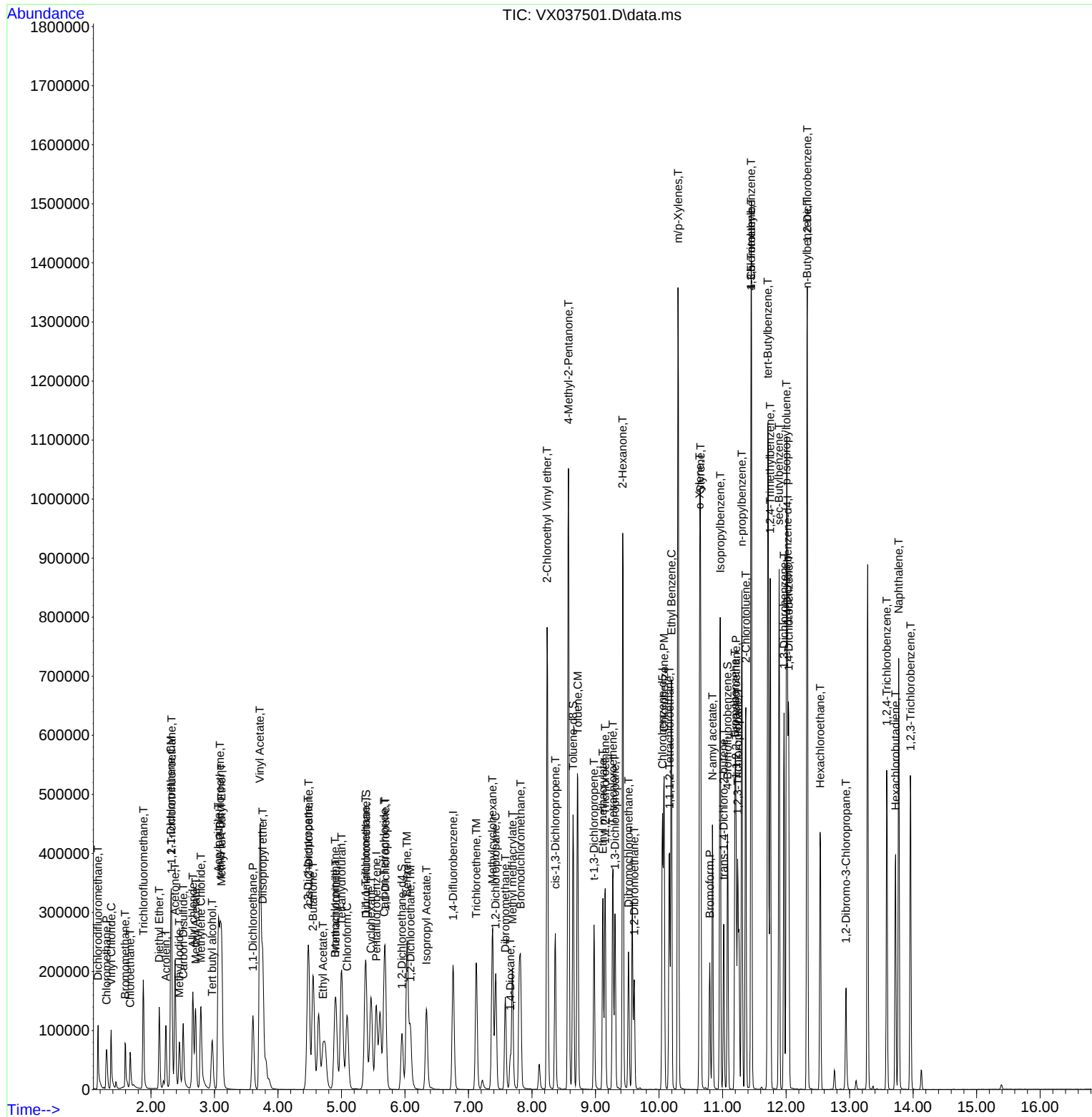
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Manual Integrations APPROVED

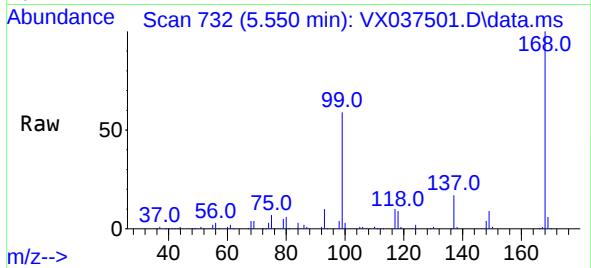
Reviewed By :John Carlone 09/06/2023
 Supervised By :Mahesh Dadoda 09/06/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

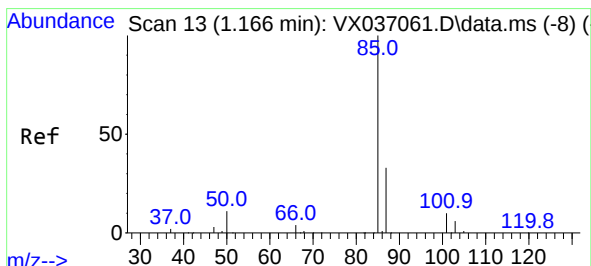
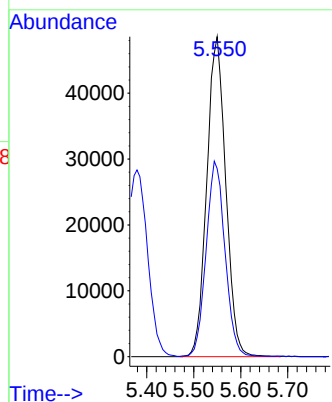
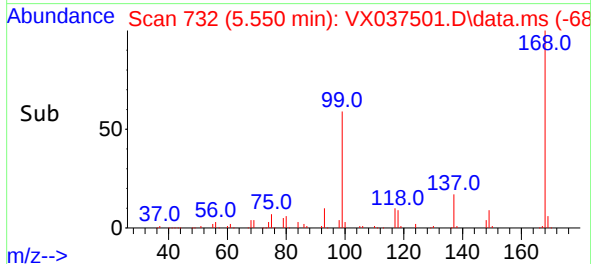
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 136119
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0

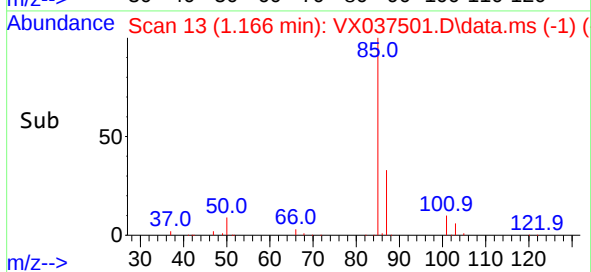
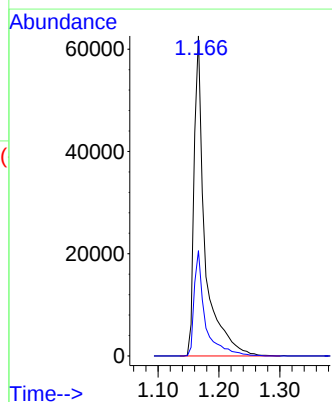
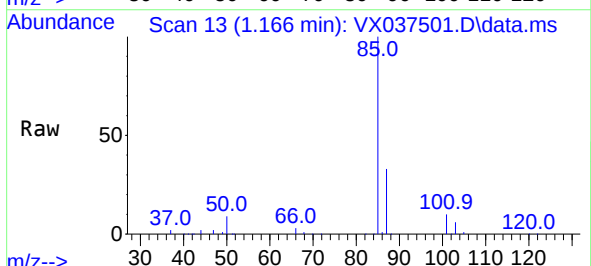
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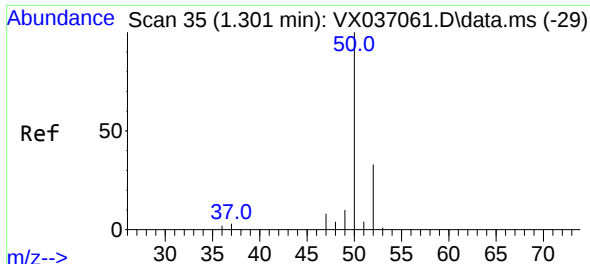
Reviewed By :John Carlone 09/06/2023
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#2
Dichlorodifluoromethane
Concen: 48.980 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Tgt Ion: 85 Resp: 77446
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





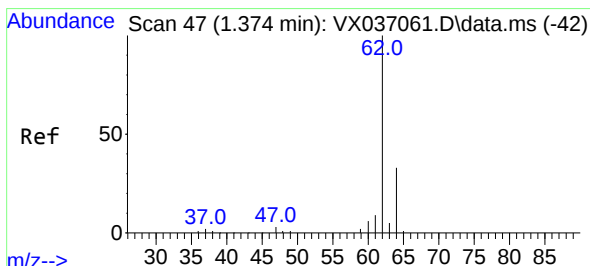
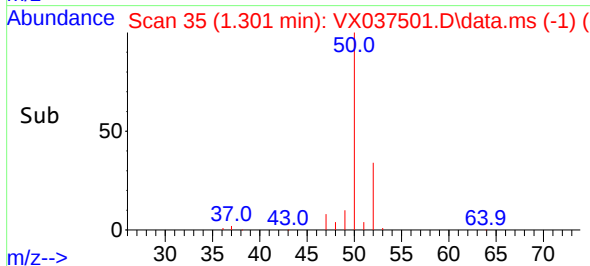
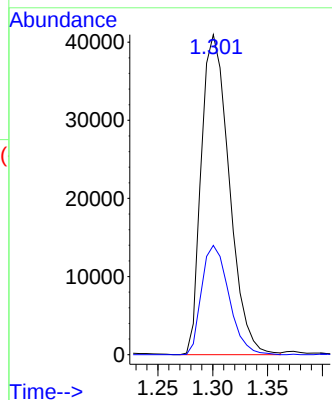
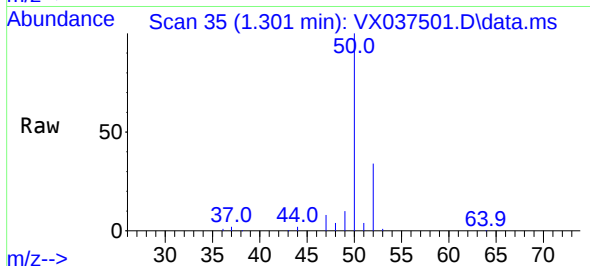
#3
Chloromethane
Concen: 52.469 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 7258
Ion Ratio Lower Upper
50 100
52 34.2 25.5 38.3

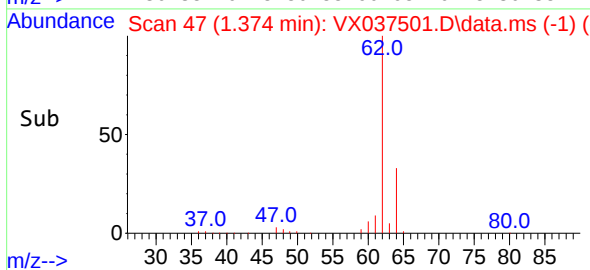
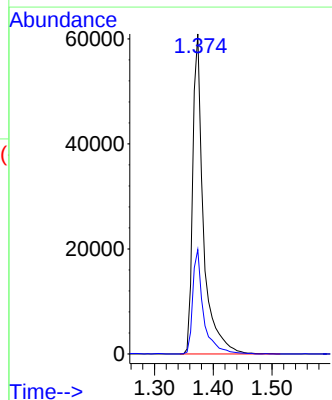
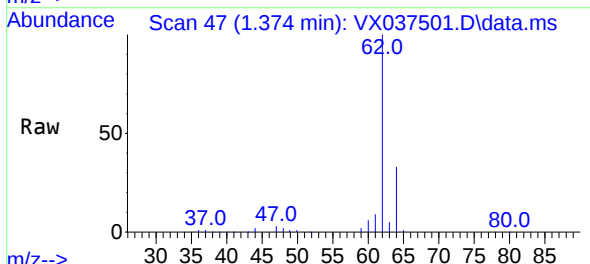
Manual Integrations
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#4
Vinyl Chloride
Concen: 50.983 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

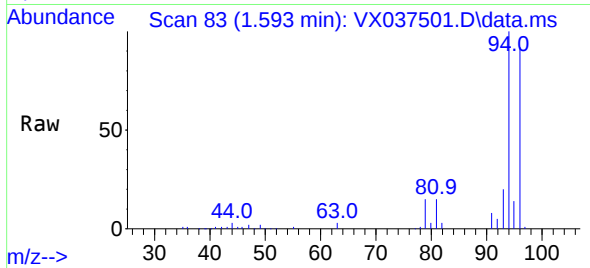
Tgt Ion: 62 Resp: 76766
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 44.312 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

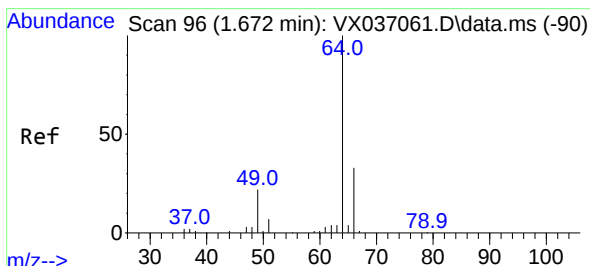
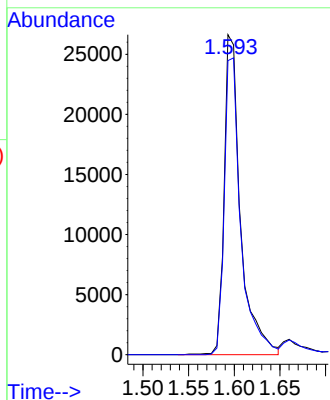
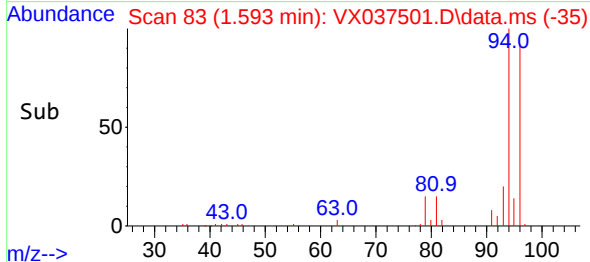
Instrument :
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Tgt Ion: 94 Resp: 33235
Ion Ratio Lower Upper
94 100
96 91.9 74.6 111.8

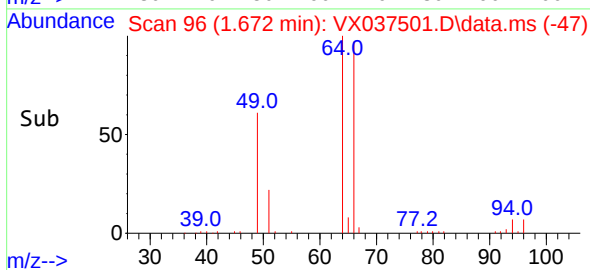
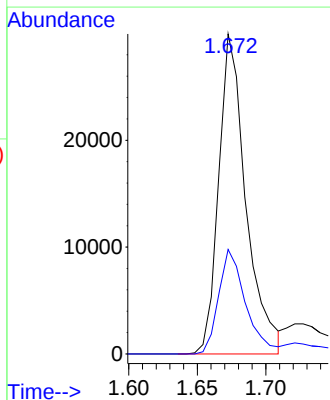
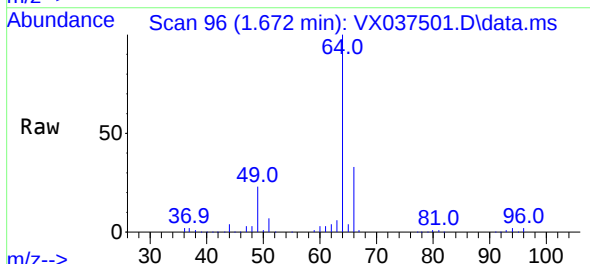
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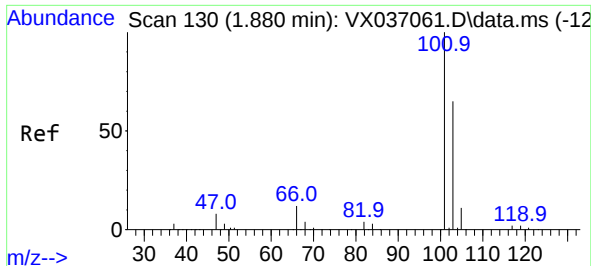
Reviewed By :John Carlone 09/06/2023
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#6
Chloroethane
Concen: 46.651 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

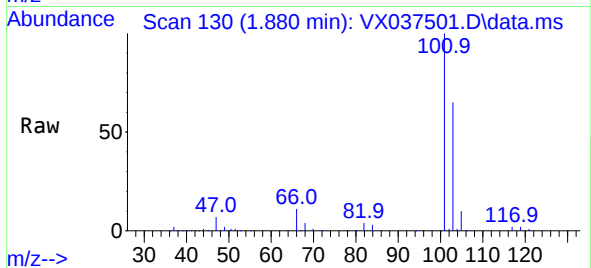
Tgt Ion: 64 Resp: 41335
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.089 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

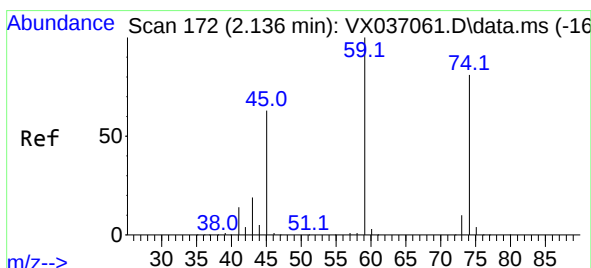
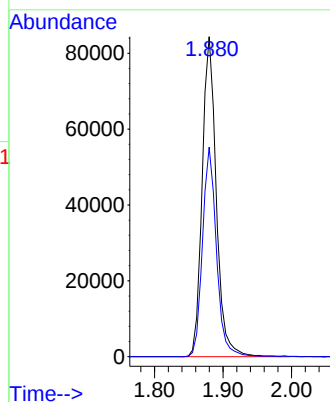
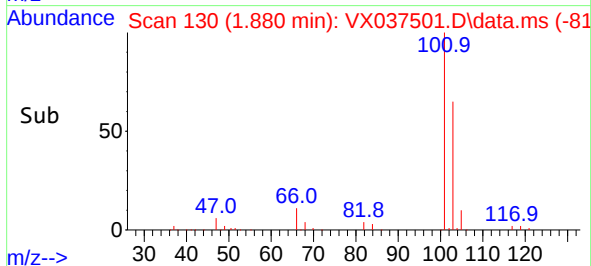
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 12107
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

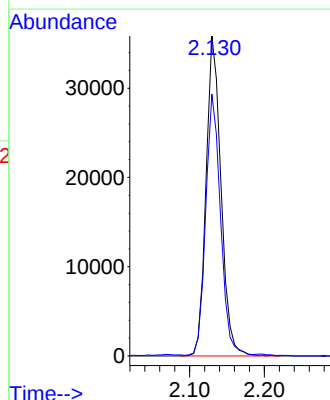
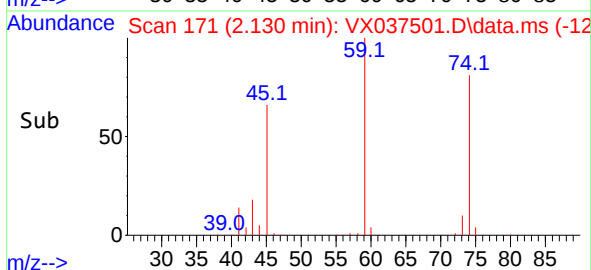
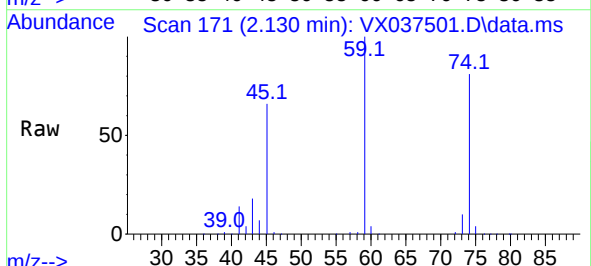
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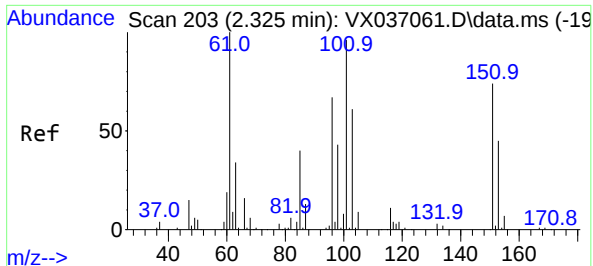
Reviewed By :John Carlone 09/06/2023
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#8
Diethyl Ether
Concen: 52.165 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Tgt Ion: 74 Resp: 49779
Ion Ratio Lower Upper
74 100
45 80.9 53.3 159.8





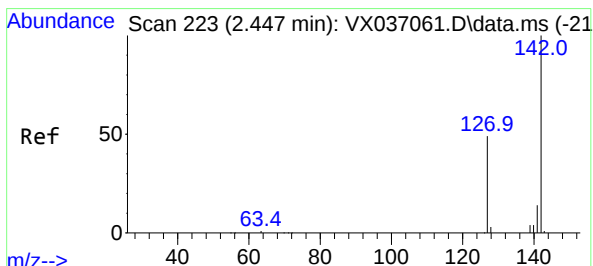
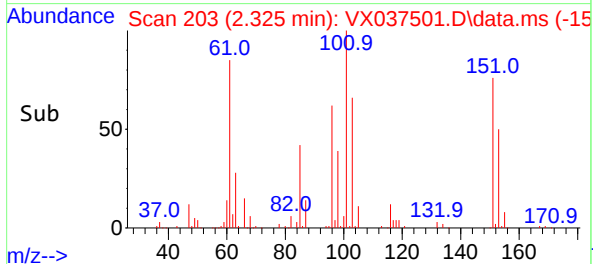
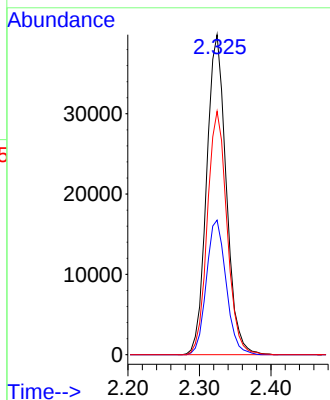
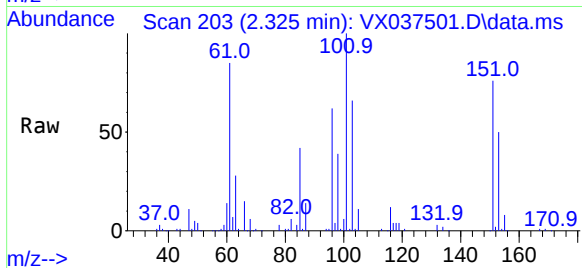
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.772 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 75934
Ion Ratio Lower Upper
101 100
85 42.2 37.0 55.6
151 76.1 58.6 87.8

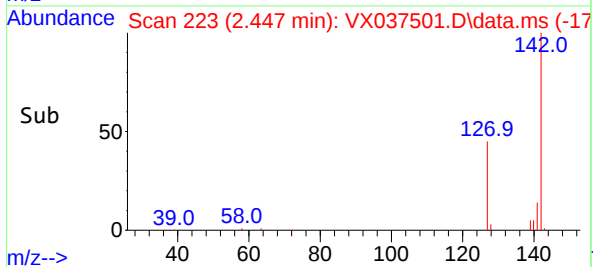
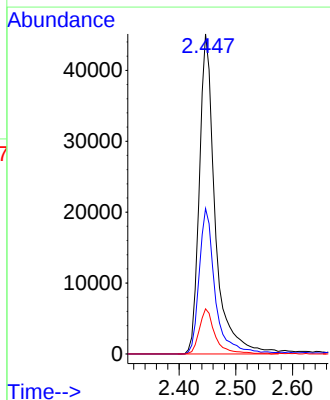
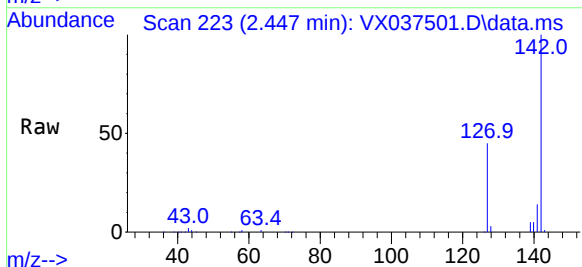
Manual Integrations
APPROVED

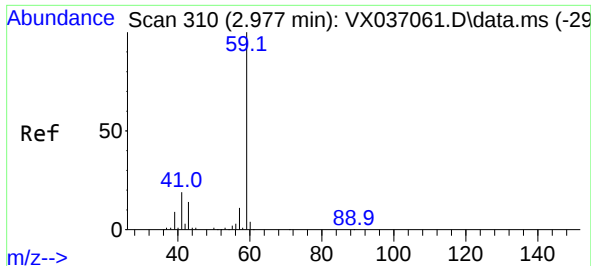
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#10
Methyl Iodide
Concen: 50.213 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

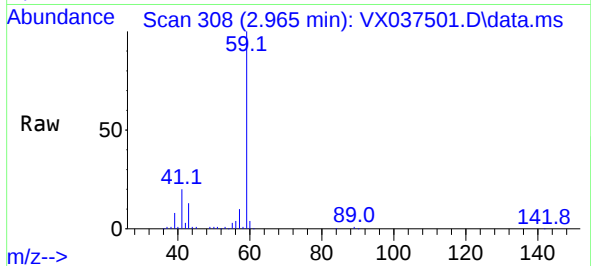
Tgt Ion:142 Resp: 87814
Ion Ratio Lower Upper
142 100
127 45.8 41.6 62.4
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 228.932 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

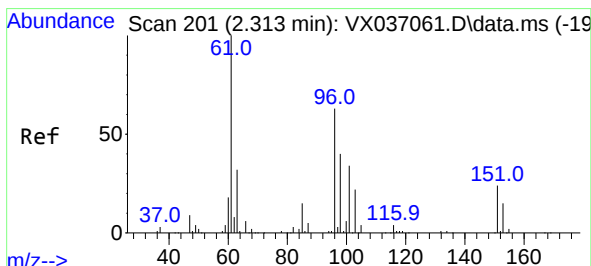
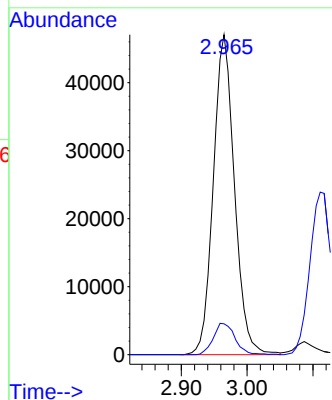
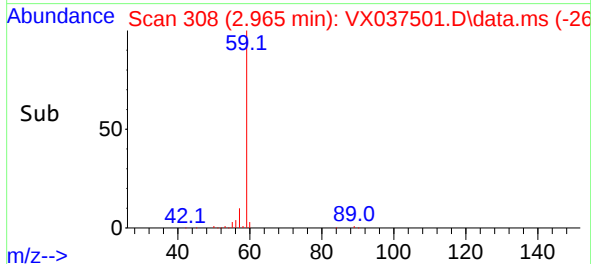
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



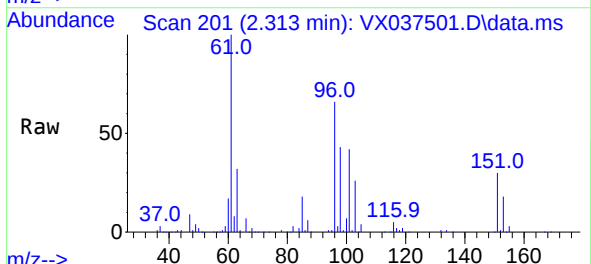
Tgt Ion: 59 Resp: 105385
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

Manual Integrations
APPROVED

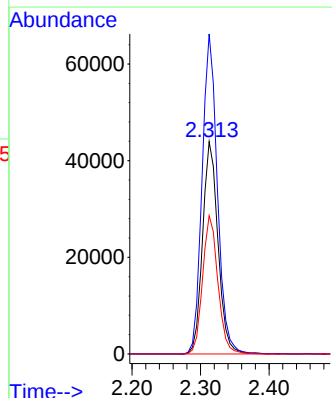
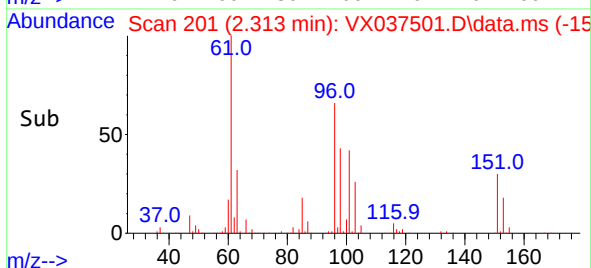
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

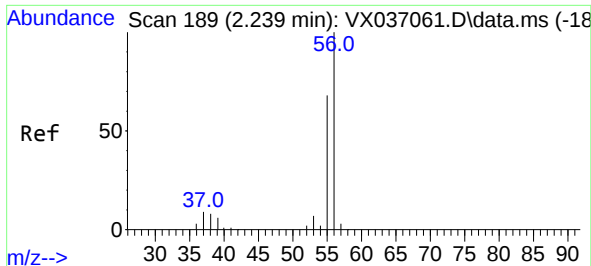


#12
1,1-Dichloroethene
Concen: 49.252 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



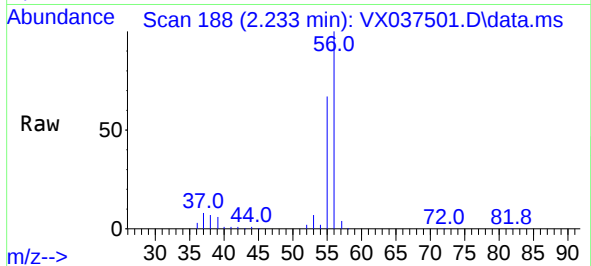
Tgt Ion: 96 Resp: 69013
Ion Ratio Lower Upper
96 100
61 150.8 144.6 216.8
98 65.2 50.4 75.6





#13
Acrolein
Concen: 229.894 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

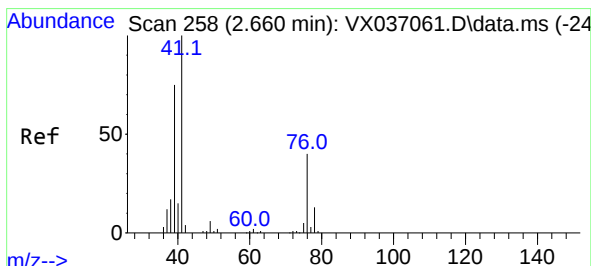
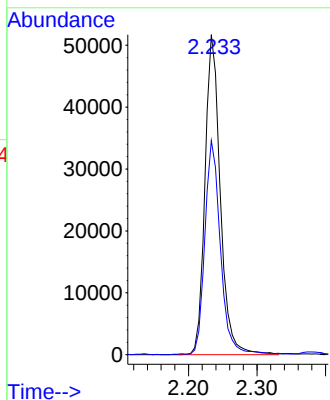
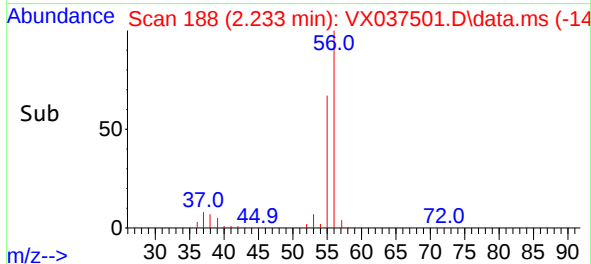
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



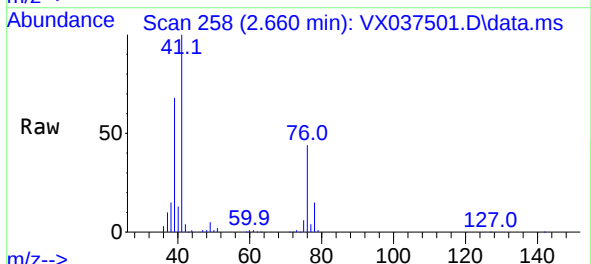
Tgt Ion: 56 Resp: 80508
Ion Ratio Lower Upper
56 100
55 68.3 57.1 85.7

Manual Integrations
APPROVED

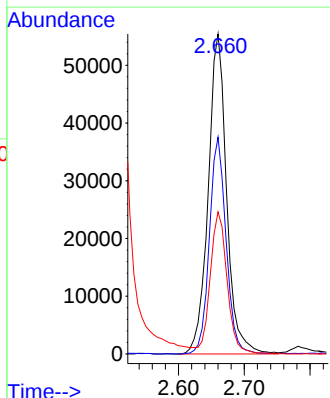
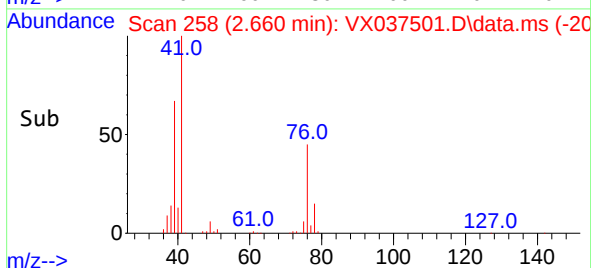
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

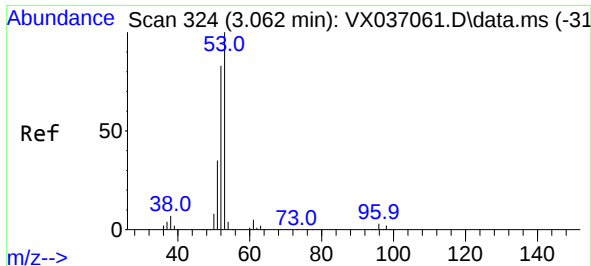


#14
Allyl chloride
Concen: 49.948 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



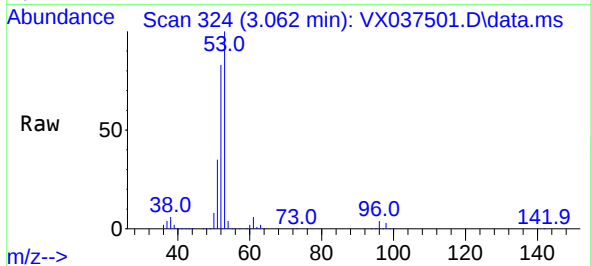
Tgt Ion: 41 Resp: 108329
Ion Ratio Lower Upper
41 100
39 61.5 55.8 83.6
76 40.8 24.3 36.5





#15
Acrylonitrile
Concen: 277.536 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

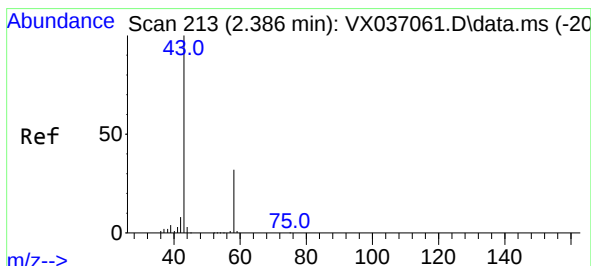
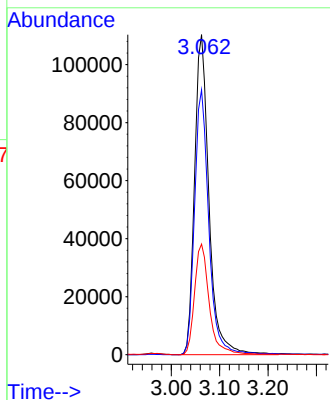
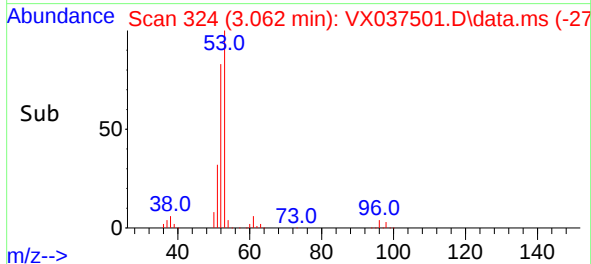
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 228034
Ion Ratio Lower Upper
53 100
52 81.8 66.0 99.0
51 35.5 29.8 44.6

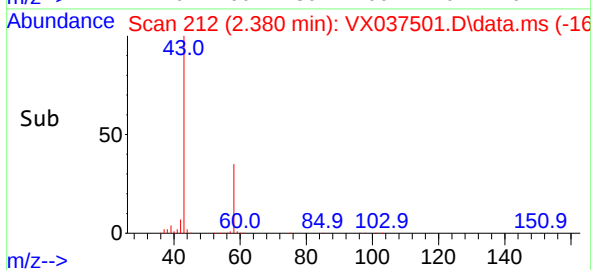
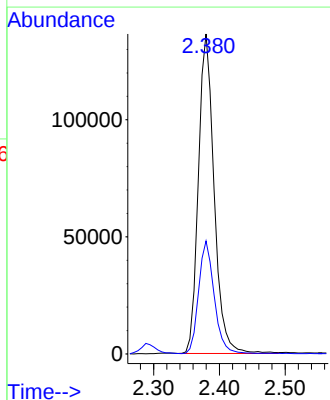
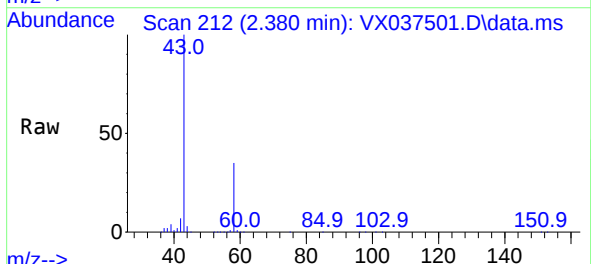
Manual Integrations
APPROVED

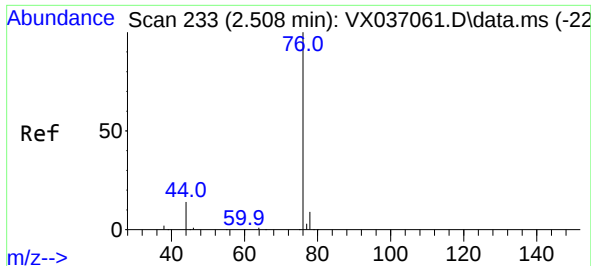
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#16
Acetone
Concen: 295.841 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

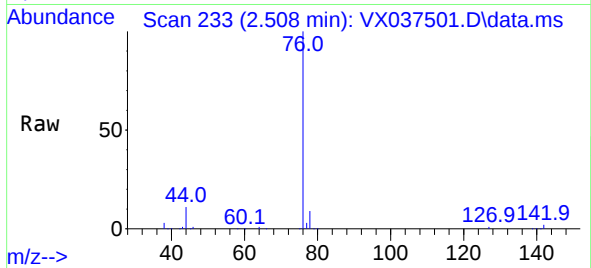
Tgt Ion: 43 Resp: 227120
Ion Ratio Lower Upper
43 100
58 35.2 21.9 32.9#





#17
Carbon Disulfide
Concen: 43.282 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

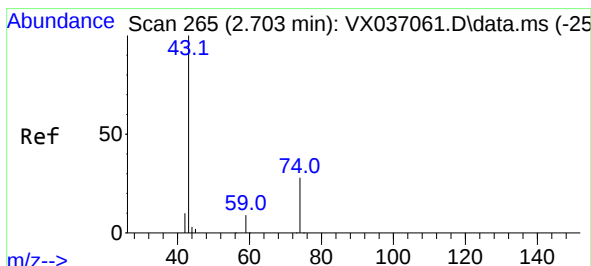
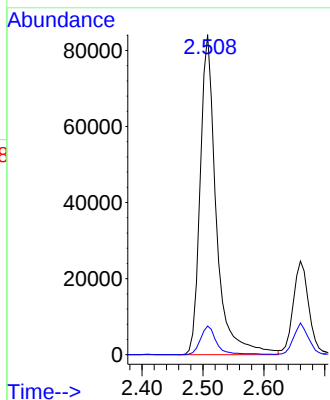
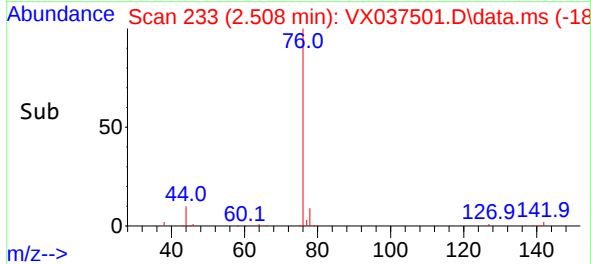
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



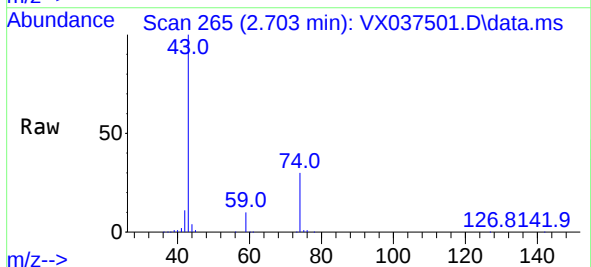
Tgt Ion: 76 Resp: 154264
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

Manual Integrations
APPROVED

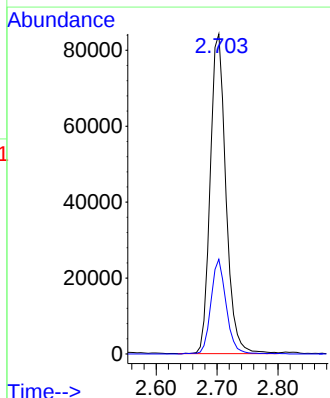
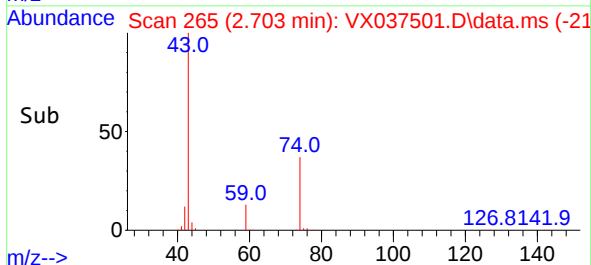
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

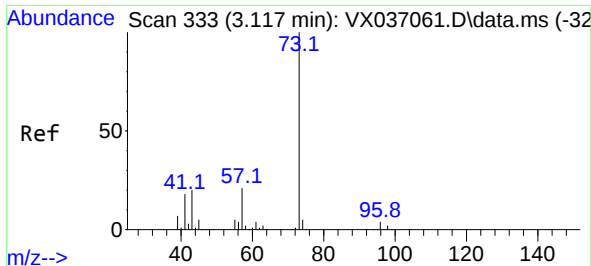


#18
Methyl Acetate
Concen: 52.108 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



Tgt Ion: 43 Resp: 150623
Ion Ratio Lower Upper
43 100
74 28.7 17.8 26.8#





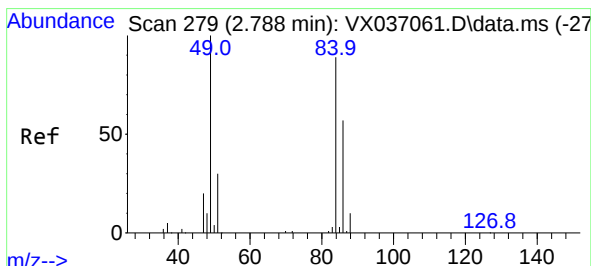
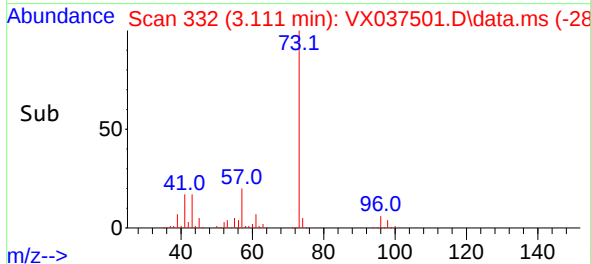
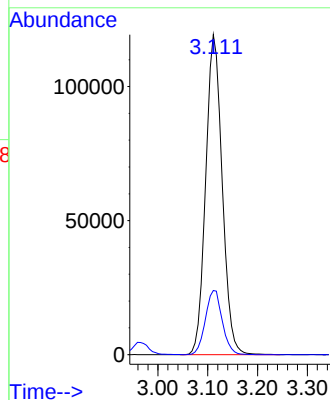
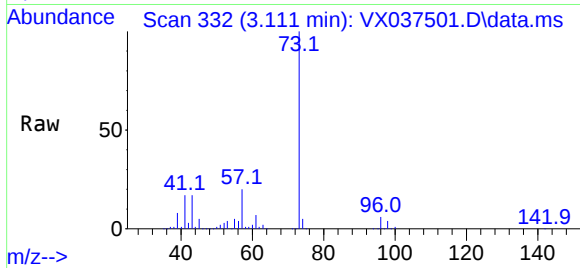
#19
Methyl tert-butyl Ether
Concen: 51.584 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 27413
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9

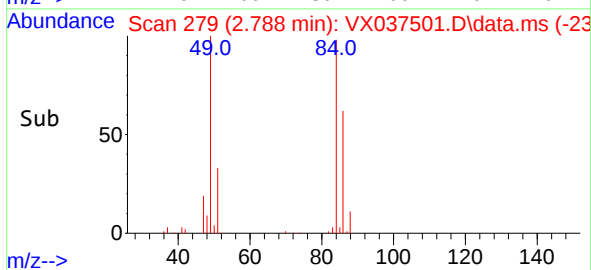
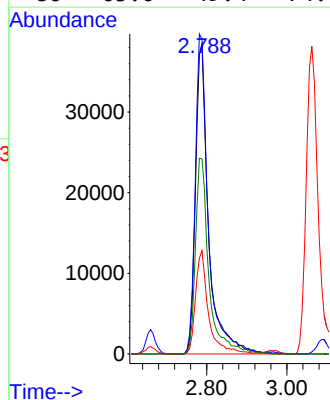
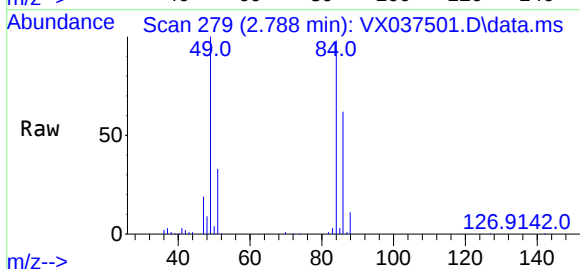
Manual Integrations
APPROVED

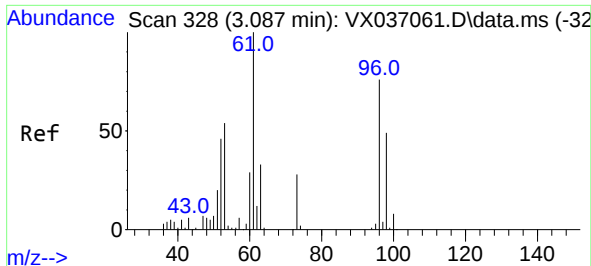
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#20
Methylene Chloride
Concen: 50.579 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

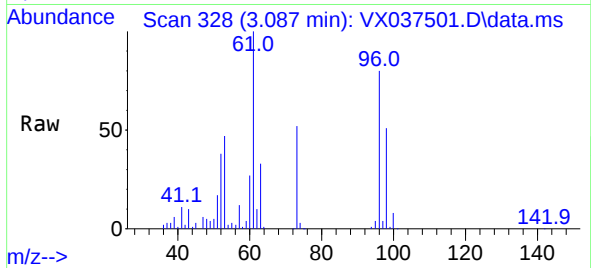
Tgt Ion: 84 Resp: 86836
Ion Ratio Lower Upper
84 100
49 101.7 103.6 155.4#
51 33.4 33.8 50.6#
86 63.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.627 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

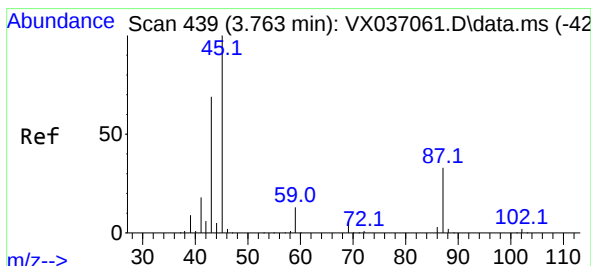
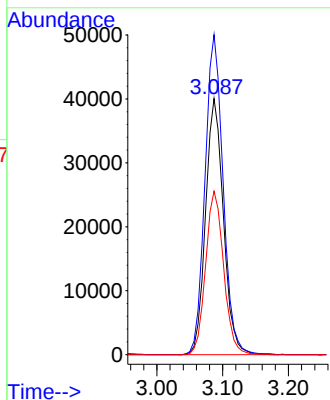
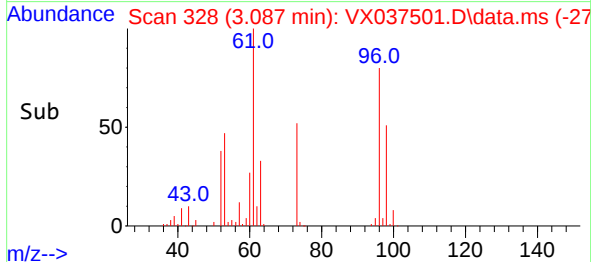
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



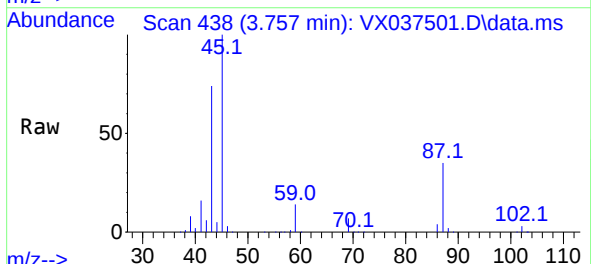
Tgt Ion: 96 Resp: 75862
Ion Ratio Lower Upper
96 100
61 124.9 119.2 178.8
98 63.8 48.7 73.1

Manual Integrations
APPROVED

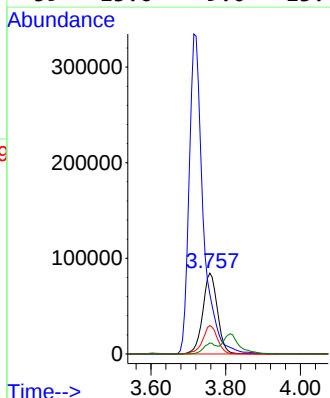
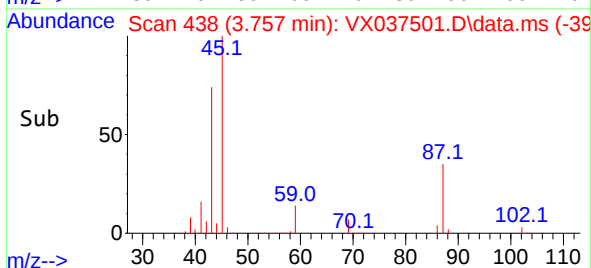
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

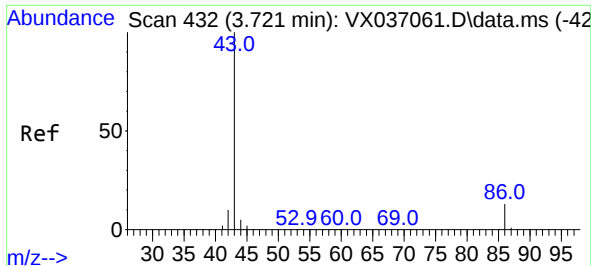


#22
Diisopropyl ether
Concen: 51.763 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



Tgt Ion: 45 Resp: 230370
Ion Ratio Lower Upper
45 100
43 73.5 69.7 104.5
87 35.3 20.8 31.2#
59 13.6 9.0 13.4#





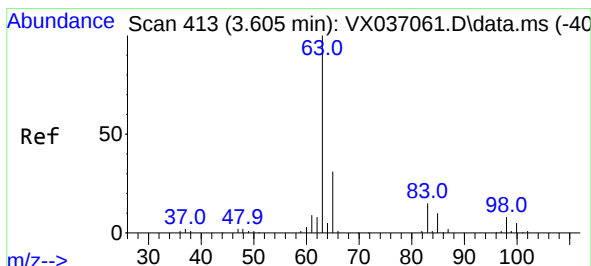
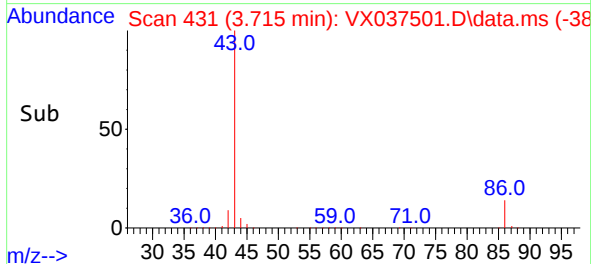
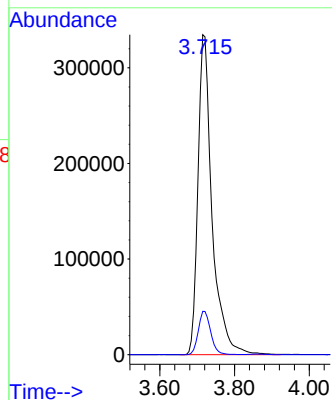
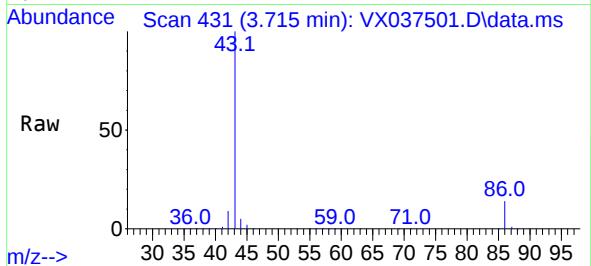
#23
Vinyl Acetate
Concen: 257.267 ug/l
RT: 3.715 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 87740
Ion Ratio Lower Upper
43 100
86 13.5 7.8 11.8

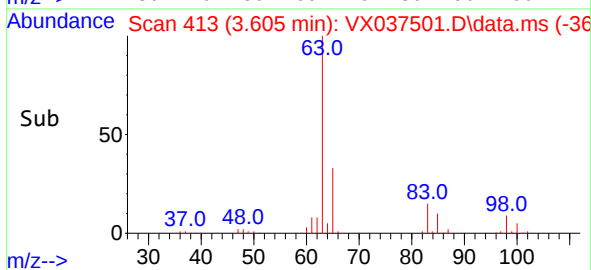
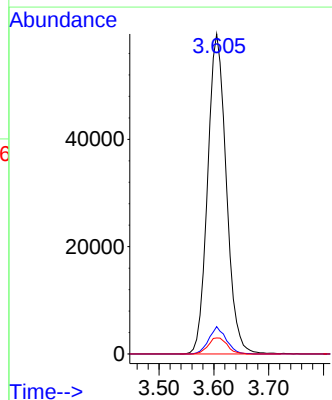
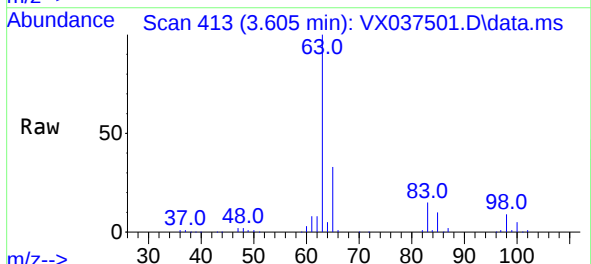
Manual Integrations
APPROVED

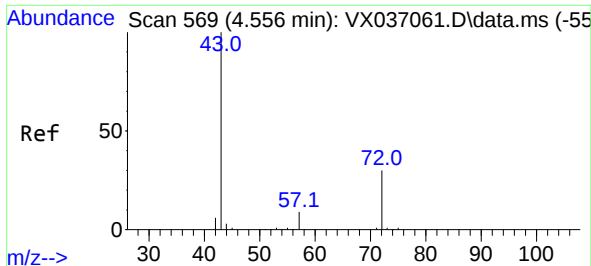
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#24
1,1-Dichloroethane
Concen: 50.391 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Tgt Ion: 63 Resp: 140634
Ion Ratio Lower Upper
63 100
98 8.5 3.3 9.8
100 5.0 2.1 6.5





#25

2-Butanone

Concen: 268.219 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX037501.D

Acq: 05 Sep 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 31004

Ion Ratio Lower Upper

43 100

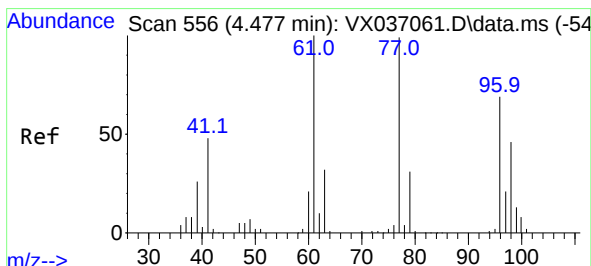
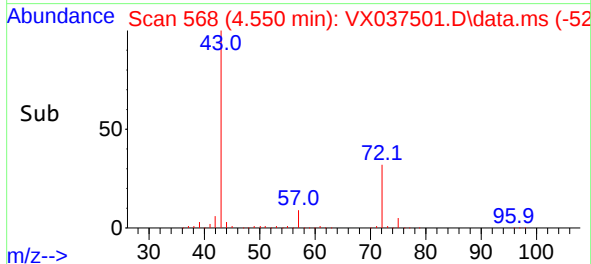
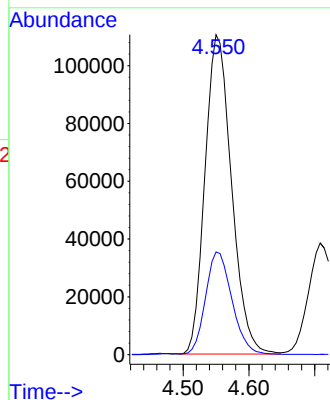
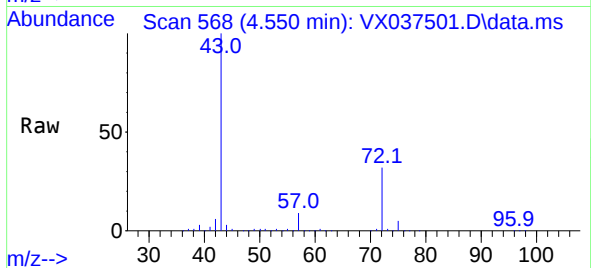
72 32.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#26

2,2-Dichloropropane

Concen: 49.915 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX037501.D

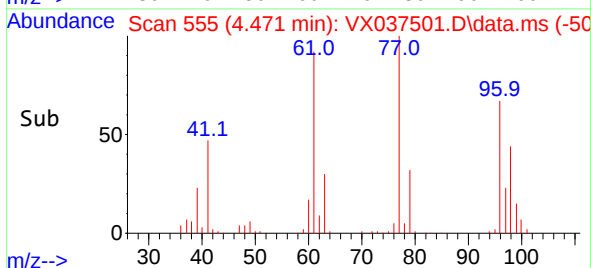
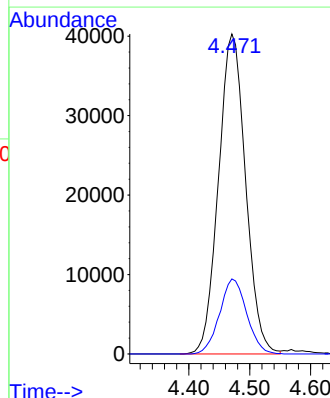
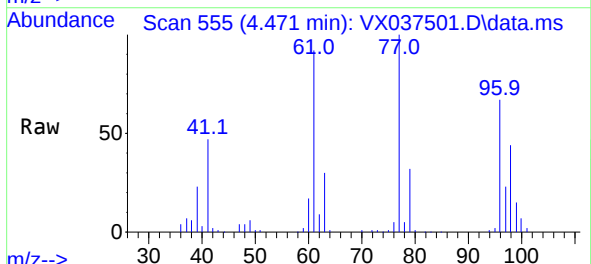
Acq: 05 Sep 2023 10:31

Tgt Ion: 77 Resp: 124409

Ion Ratio Lower Upper

77 100

97 23.4 10.8 32.3





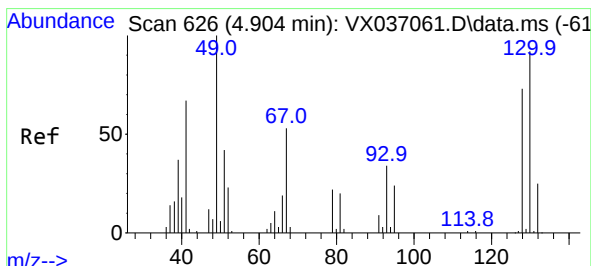
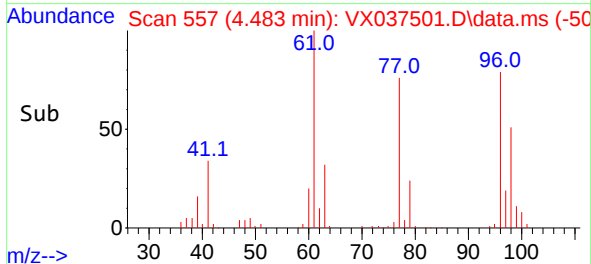
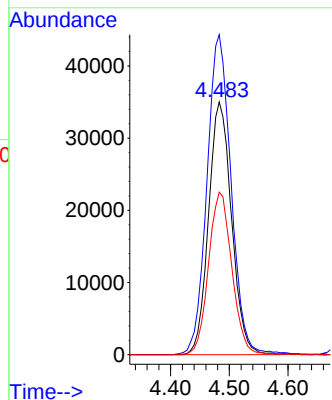
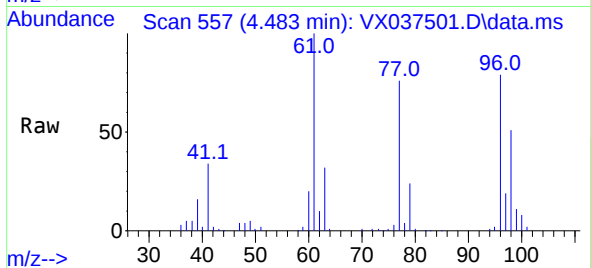
#27
cis-1,2-Dichloroethene
Concen: 50.811 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 9541
Ion Ratio Lower Upper
96 100
61 132.8 0.0 312.2
98 65.0 0.0 129.0

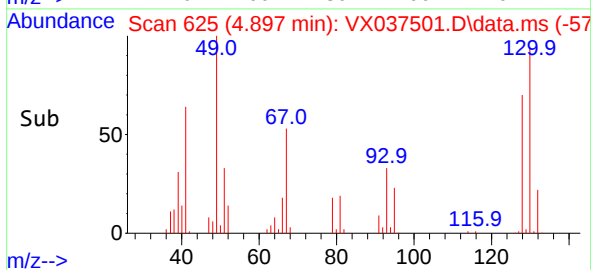
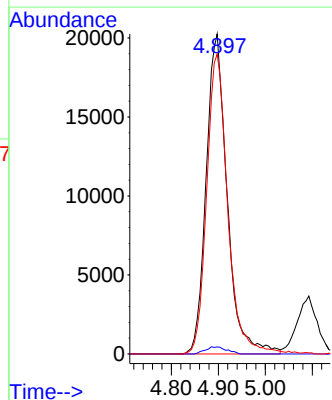
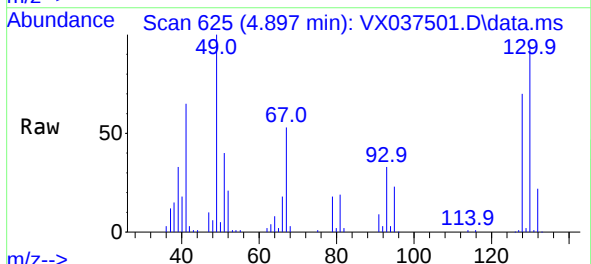
Manual Integrations
APPROVED

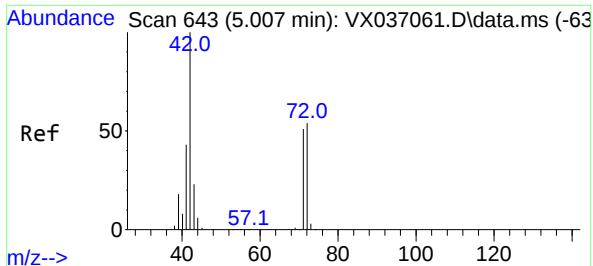
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#28
Bromochloromethane
Concen: 50.345 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

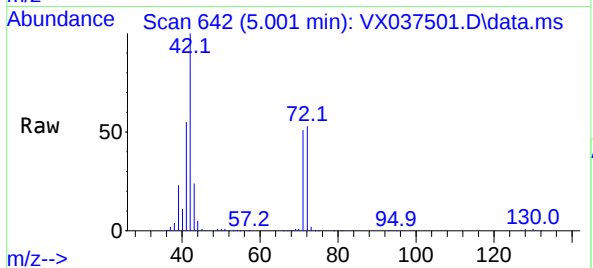
Tgt Ion: 49 Resp: 62767
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 93.6 57.5 86.3#





#29
Tetrahydrofuran
Concen: 250.109 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

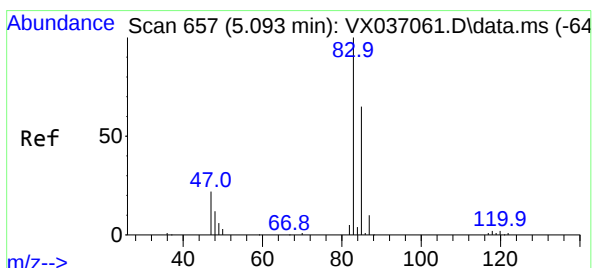
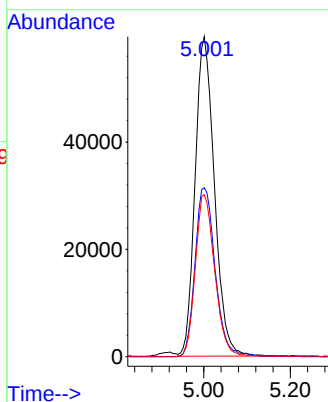
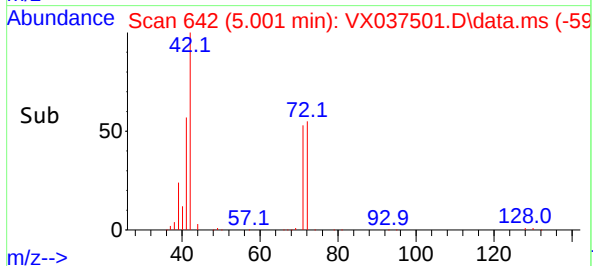
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



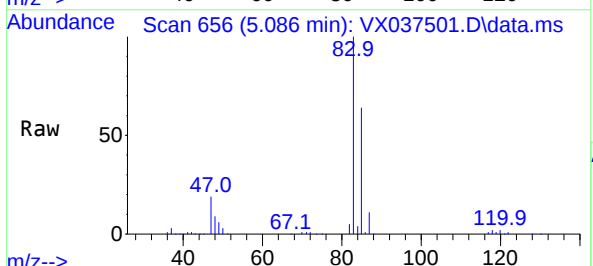
Tgt Ion: 42 Resp: 184375
Ion Ratio Lower Upper
42 100
72 55.3 34.2 51.4
71 51.0 32.2 48.2

Manual Integrations
APPROVED

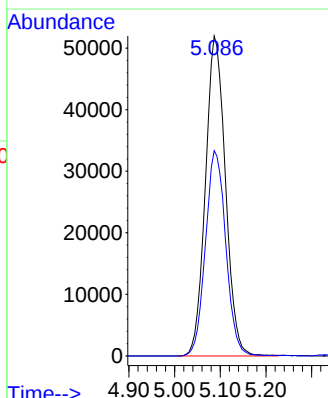
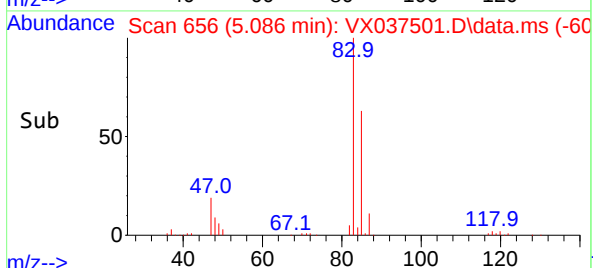
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

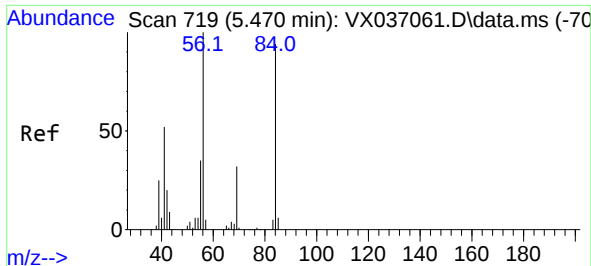


#30
Chloroform
Concen: 50.424 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



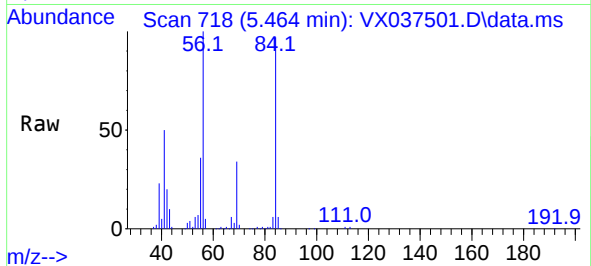
Tgt Ion: 83 Resp: 157975
Ion Ratio Lower Upper
83 100
85 64.1 50.3 75.5





#31
Cyclohexane
Concen: 50.753 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

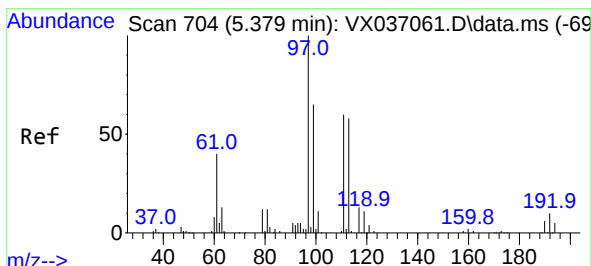
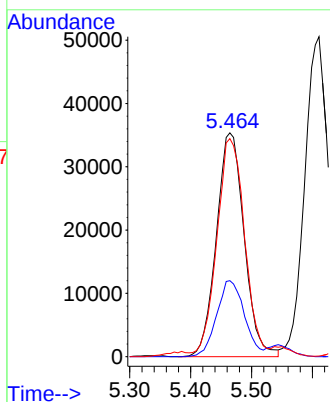
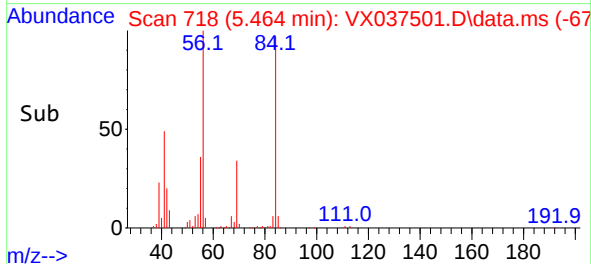
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



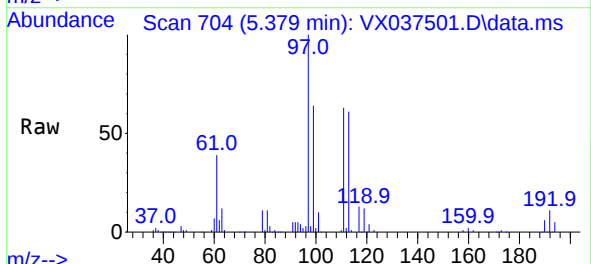
Tgt Ion: 56 Resp: 111989
Ion Ratio Lower Upper
56 100
69 34.0 23.4 35.2
84 95.7 65.9 98.9

Manual Integrations
APPROVED

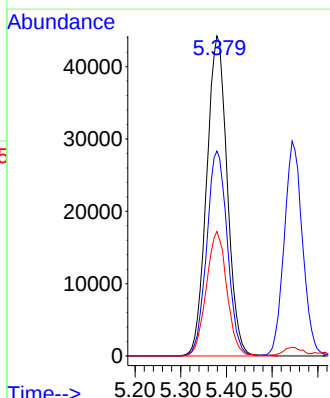
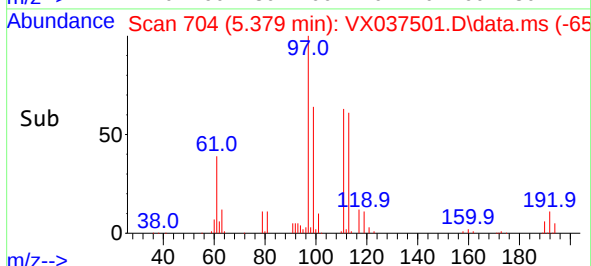
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

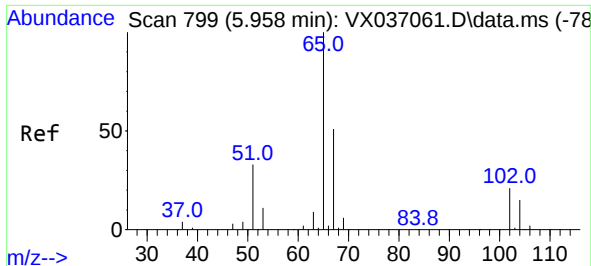


#32
1,1,1-Trichloroethane
Concen: 49.206 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



Tgt Ion: 97 Resp: 138146
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 38.9 36.4 54.6





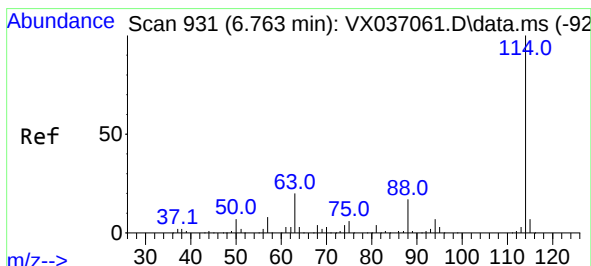
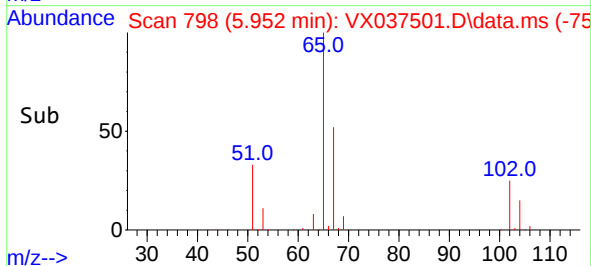
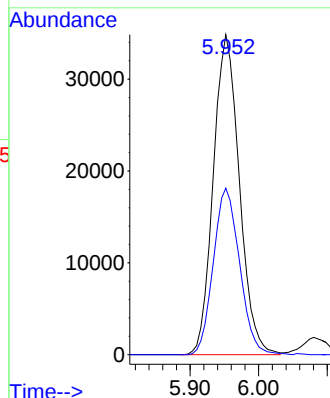
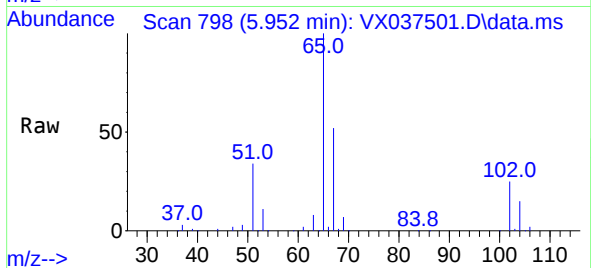
#33
1,2-Dichloroethane-d4
Concen: 46.811 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 9186
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

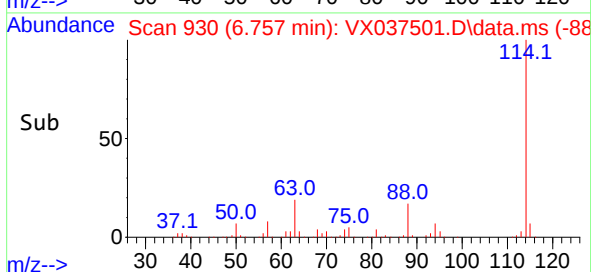
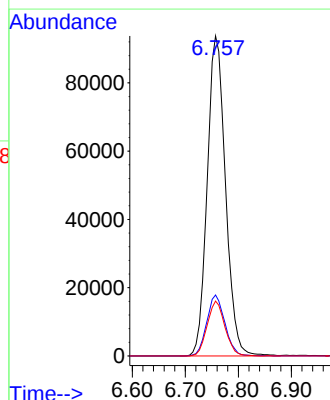
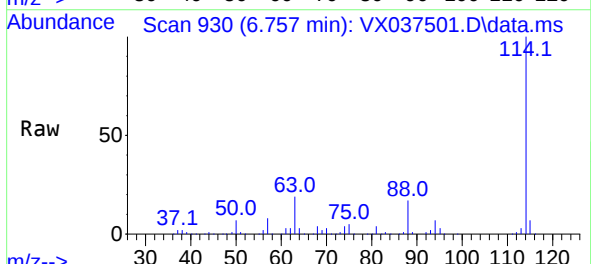
Manual Integrations
APPROVED

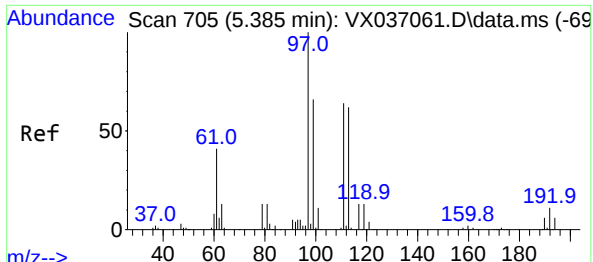
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

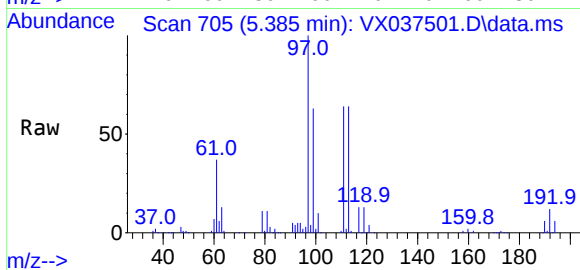
Tgt Ion:114 Resp: 224643
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 17.1 0.0 36.6





#35
Dibromofluoromethane
Concen: 54.704 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

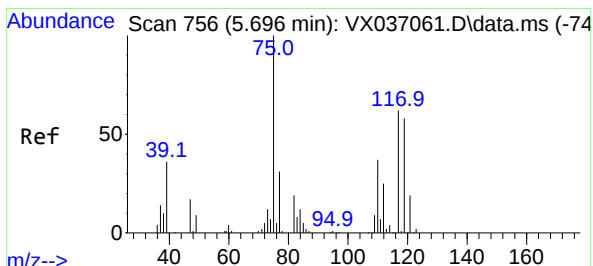
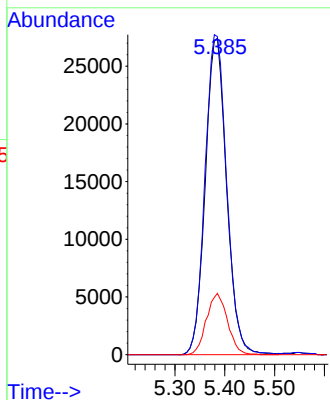
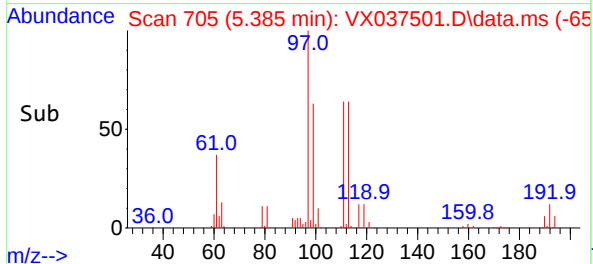
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



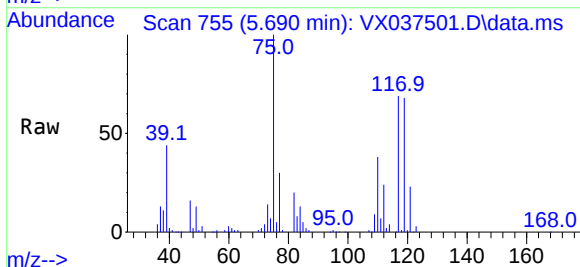
Tgt Ion: 113 Resp: 8138
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 19.1 13.3 19.9

Manual Integrations
APPROVED

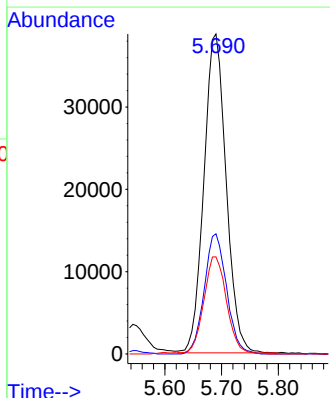
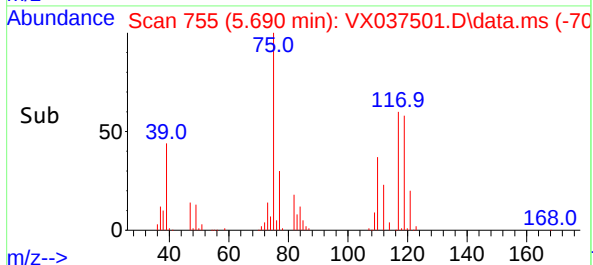
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

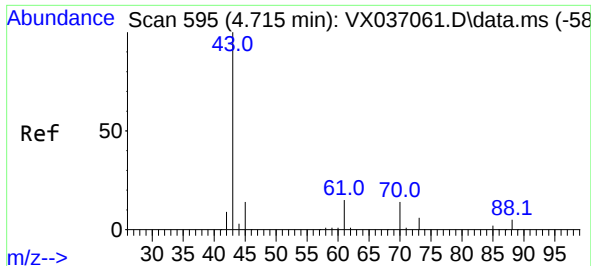


#36
1,1-Dichloropropene
Concen: 50.023 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



Tgt Ion: 75 Resp: 105734
Ion Ratio Lower Upper
75 100
110 37.8 17.0 50.9
77 31.3 24.7 37.1





#37
Ethyl Acetate
Concen: 51.431 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

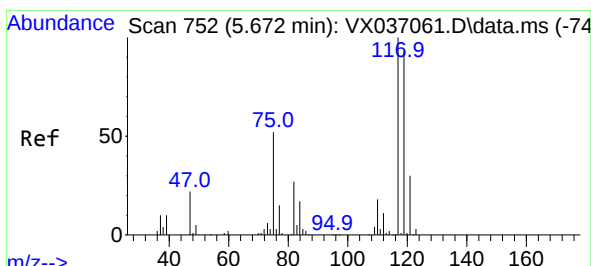
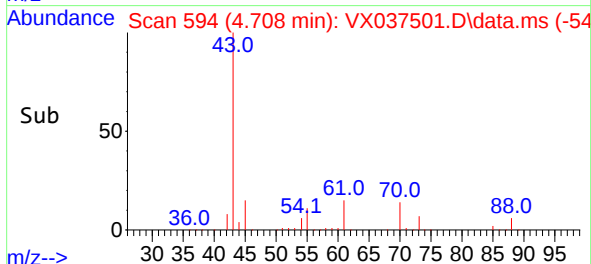
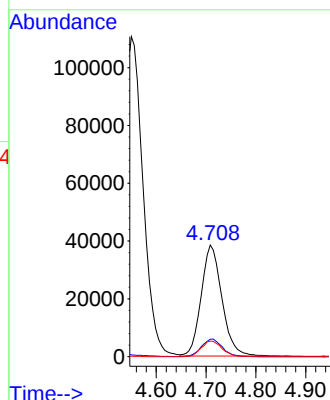
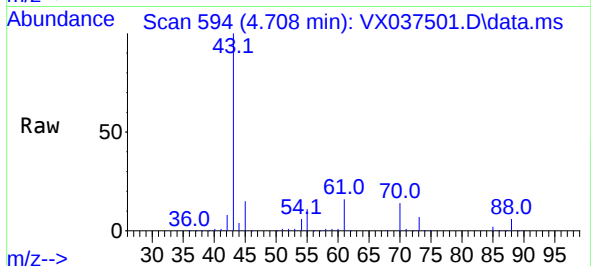
VSTDCCC050

Tgt Ion: 43 Resp: 11104
Ion Ratio Lower Upper
43 100
61 16.0 10.6 16.0
70 14.2 8.3 12.5

Manual Integrations

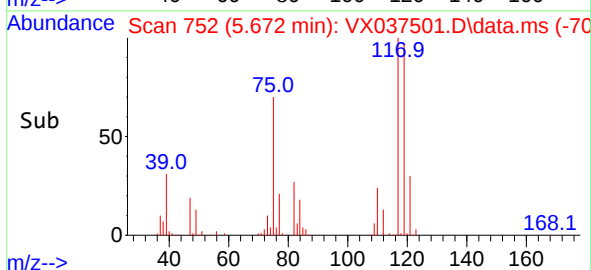
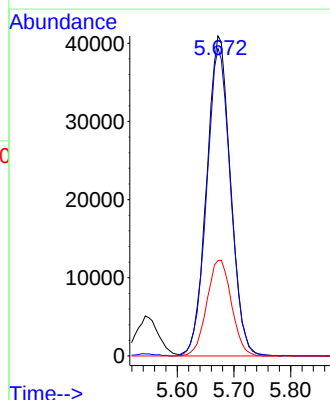
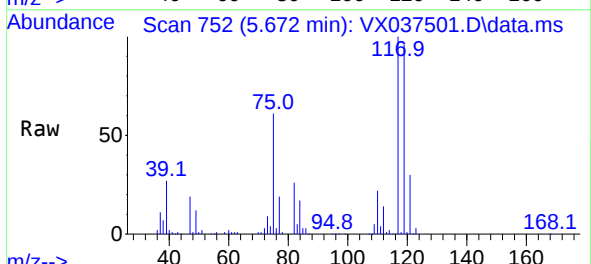
APPROVED

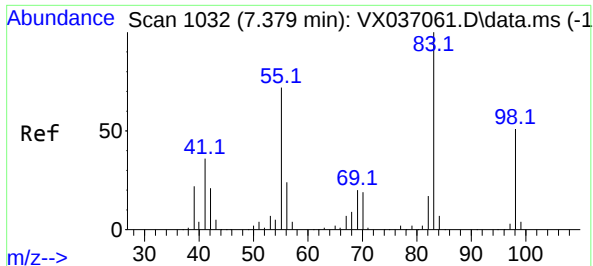
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#38
Carbon Tetrachloride
Concen: 52.101 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Tgt Ion:117 Resp: 119626
Ion Ratio Lower Upper
117 100
119 96.1 78.2 117.2
121 29.8 24.4 36.6





#39

Methylcyclohexane

Concen: 61.222 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037501.D

Acq: 05 Sep 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 13595

Ion Ratio Lower Upper

83 100

55 71.4 64.6 97.0

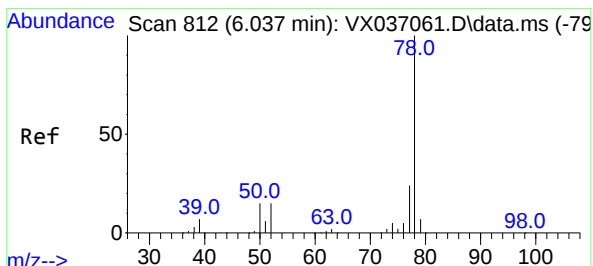
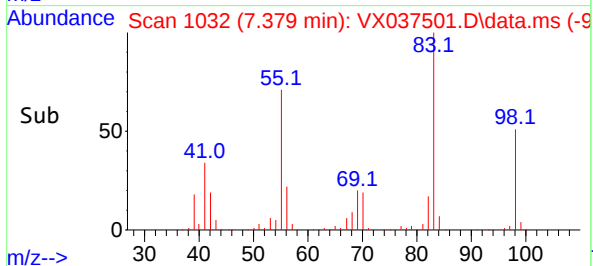
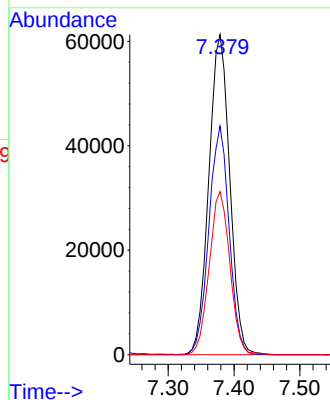
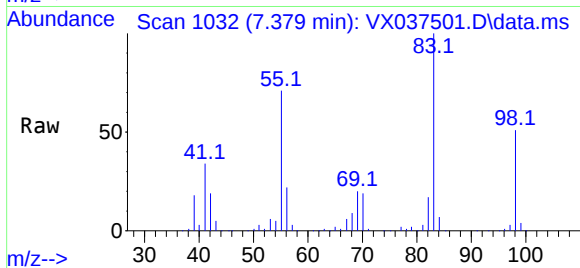
98 51.0 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#40

Benzene

Concen: 53.825 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX037501.D

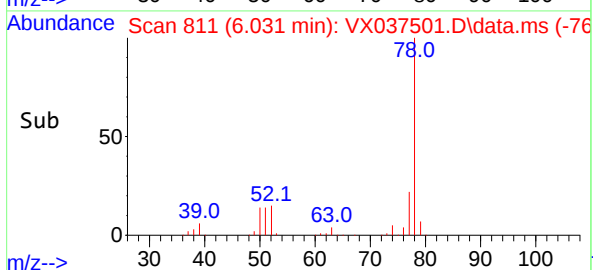
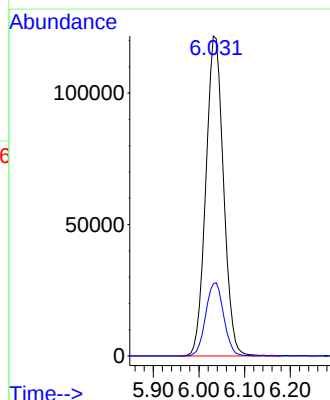
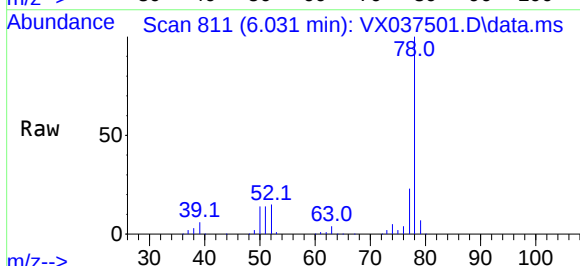
Acq: 05 Sep 2023 10:31

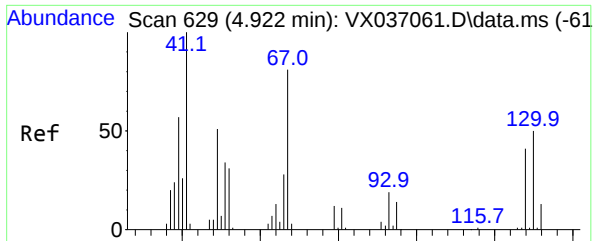
Tgt Ion: 78 Resp: 326294

Ion Ratio Lower Upper

78 100

77 22.6 19.3 28.9





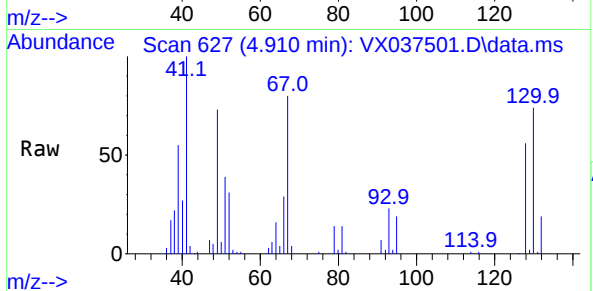
#41
Methacrylonitrile
Concen: 54.414 ug/l
RT: 4.910 min Scan# 610
Delta R.T. -0.012 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



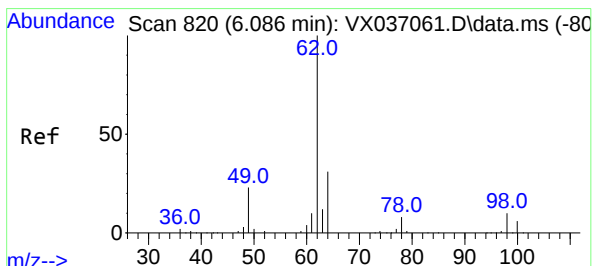
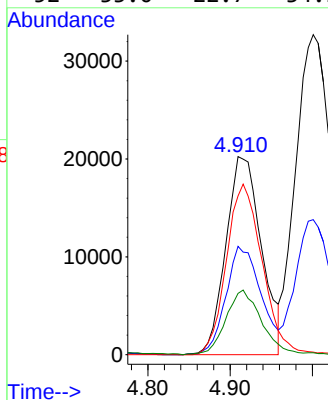
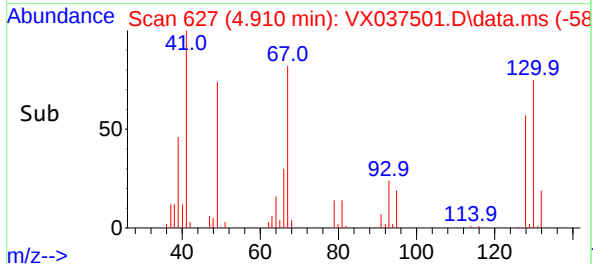
Tgt Ion: 41 Resp: 61072
Ion Ratio Lower Upper
41 100
39 54.1 45.2 67.8
67 86.9 52.6 78.8
52 33.0 22.7 34.1

Manual Integrations

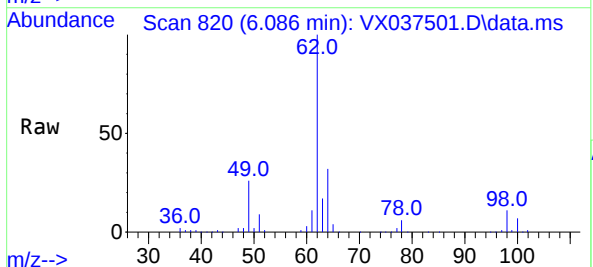
APPROVED

Reviewed By :John Carlone 09/06/2023

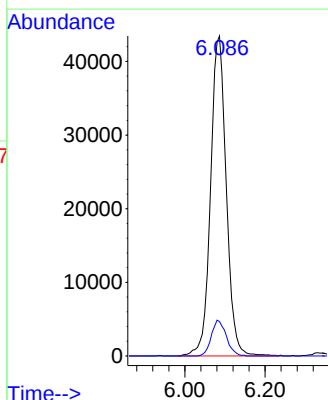
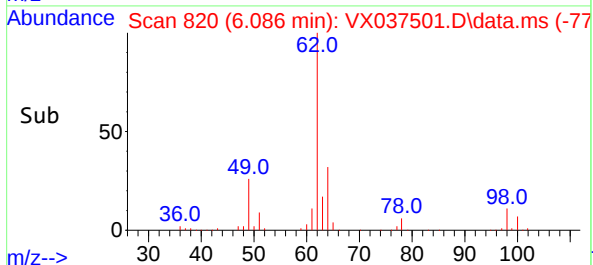
Supervised By :Mahesh Dadoda 09/06/2023

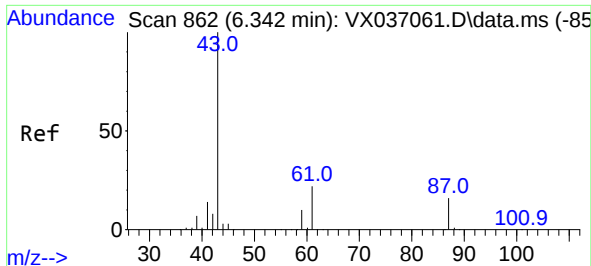


#42
1,2-Dichloroethane
Concen: 49.716 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



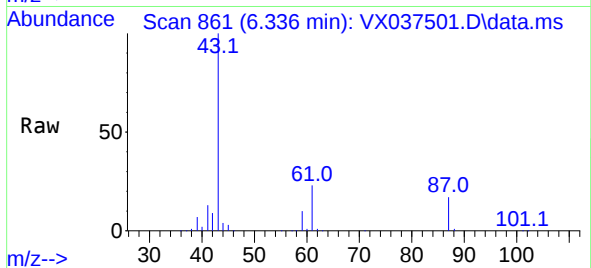
Tgt Ion: 62 Resp: 118190
Ion Ratio Lower Upper
62 100
98 10.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 53.183 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

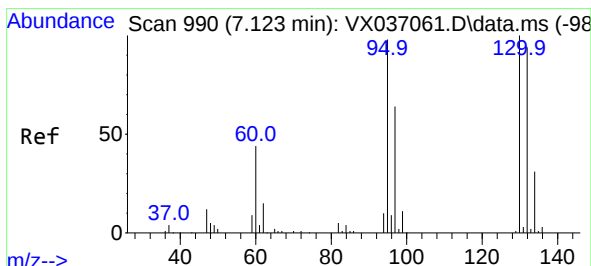
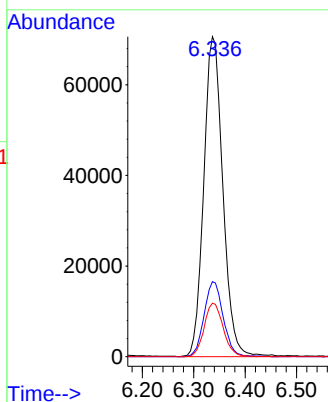
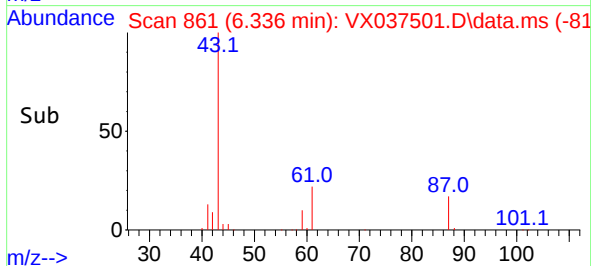
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



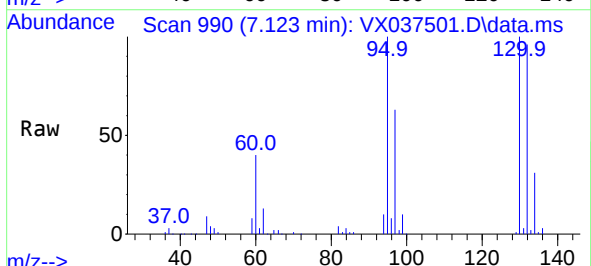
Tgt Ion: 43 Resp: 182300
Ion Ratio Lower Upper
43 100
61 23.5 15.2 22.8
87 16.7 9.8 14.6

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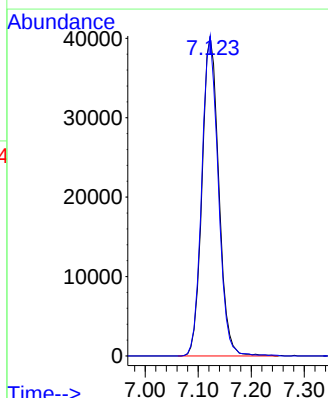
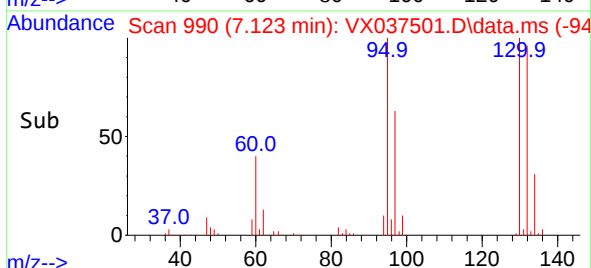
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

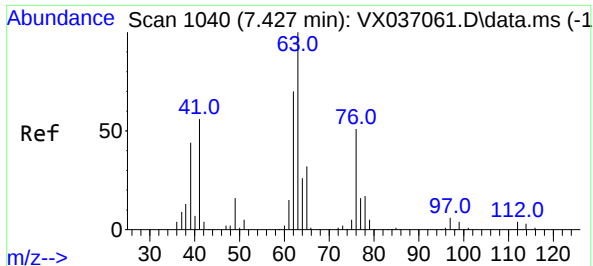


#44
Trichloroethene
Concen: 51.287 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



Tgt Ion:130 Resp: 88159
Ion Ratio Lower Upper
130 100
95 100.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 56.277 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX037501.D

Acq: 05 Sep 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 84119

Ion Ratio Lower Upper

63 100

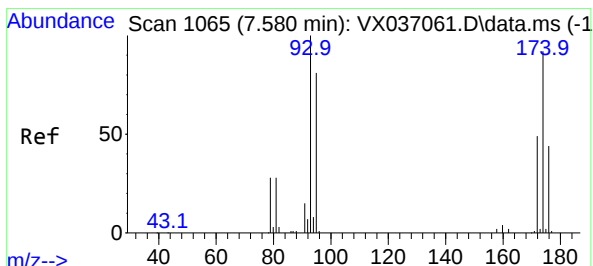
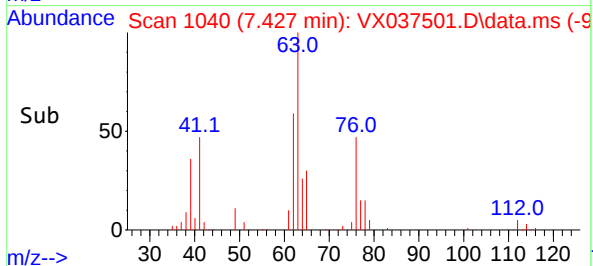
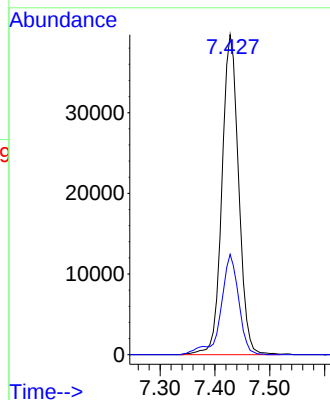
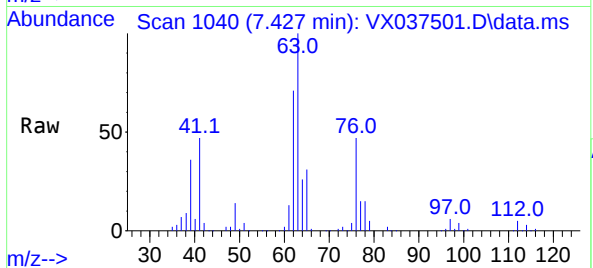
65 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#46

Dibromomethane

Concen: 54.771 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037501.D

Acq: 05 Sep 2023 10:31

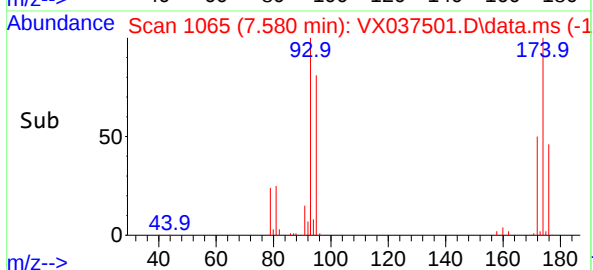
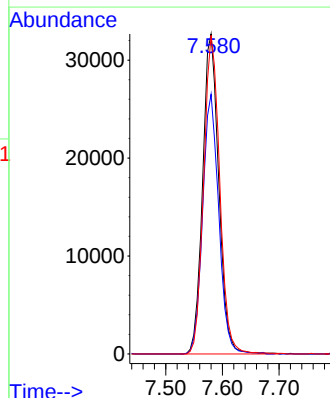
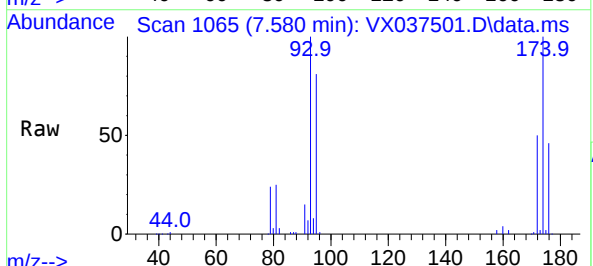
Tgt Ion: 93 Resp: 64494

Ion Ratio Lower Upper

93 100

95 81.1 66.6 100.0

174 99.3 69.4 104.0





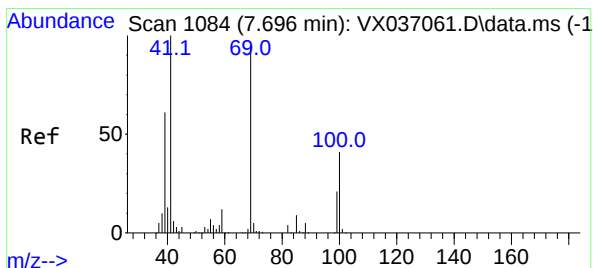
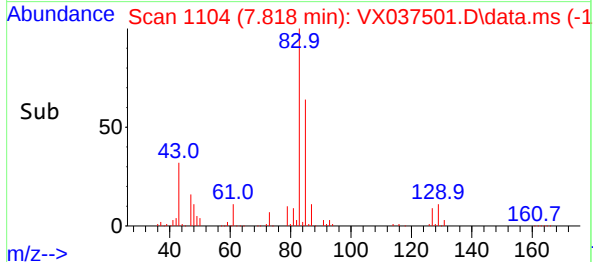
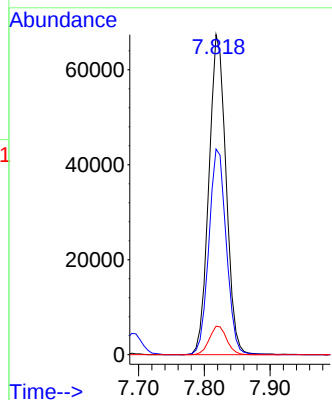
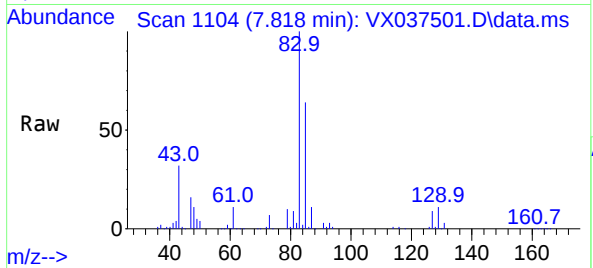
#47
Bromodichloromethane
Concen: 54.309 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 122489
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 8.9 7.1 10.7

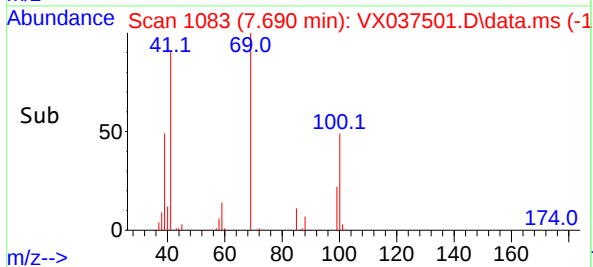
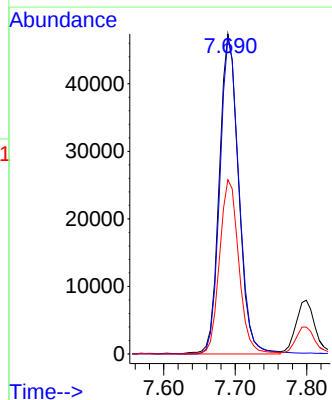
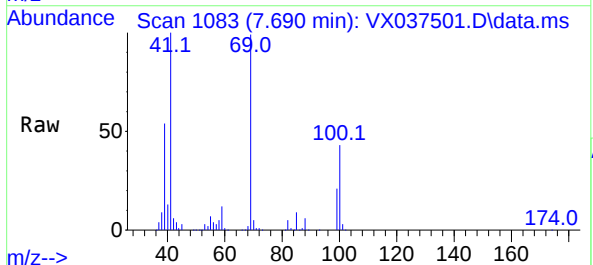
Manual Integrations
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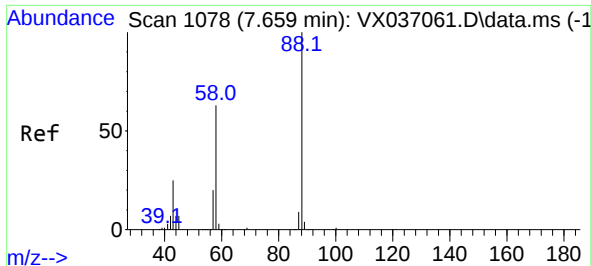
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#48
Methyl methacrylate
Concen: 52.975 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Tgt Ion: 41 Resp: 88559
Ion Ratio Lower Upper
41 100
69 98.1 59.2 88.8#
39 54.4 47.7 71.5





#49

1,4-Dioxane

Concen: 1059.869 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX037501.D

Acq: 05 Sep 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 47718

Ion Ratio Lower Upper

88 100

43 26.4 0.0 0.0

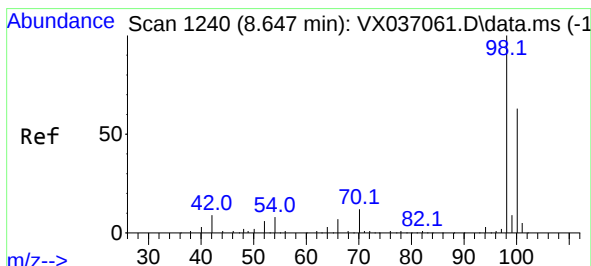
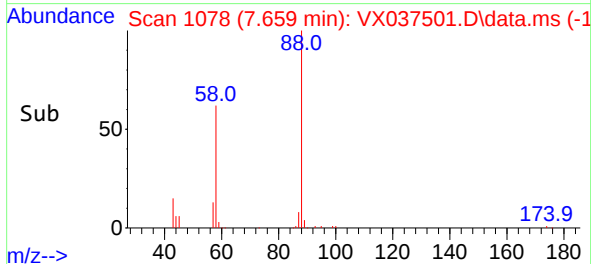
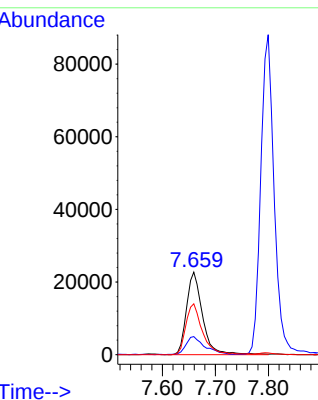
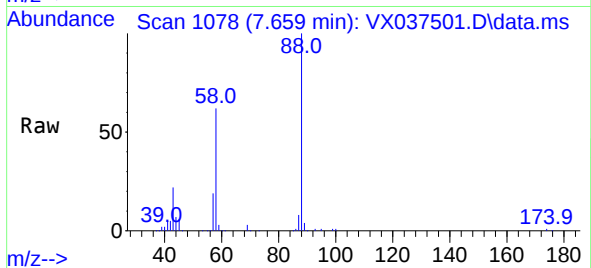
58 64.0 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#50

Toluene-d8

Concen: 52.485 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037501.D

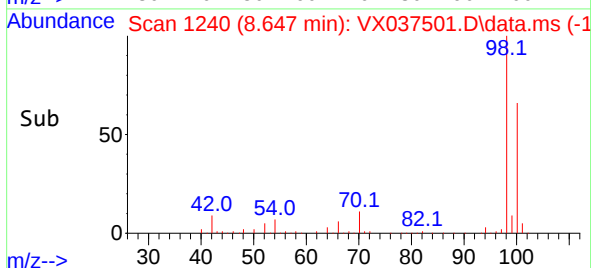
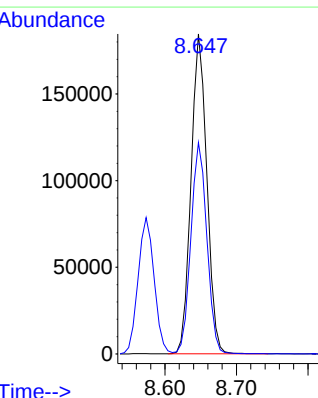
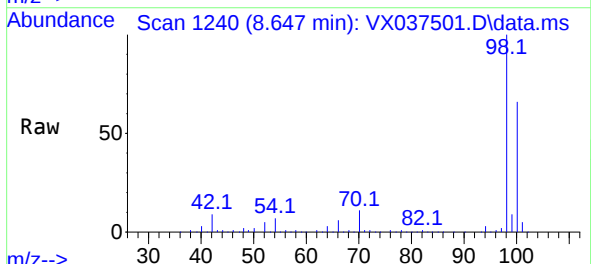
Acq: 05 Sep 2023 10:31

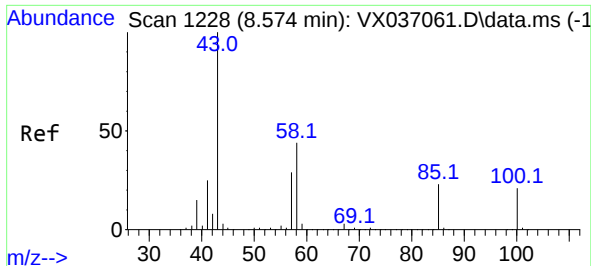
Tgt Ion: 98 Resp: 283243

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 276.924 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

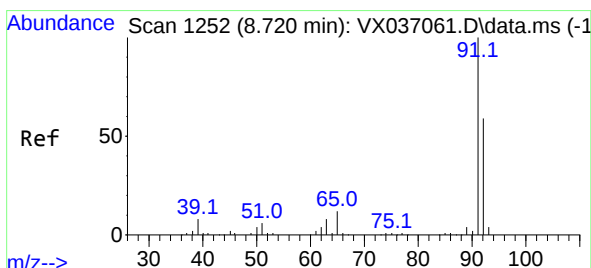
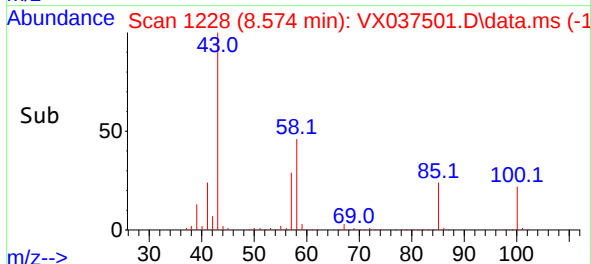
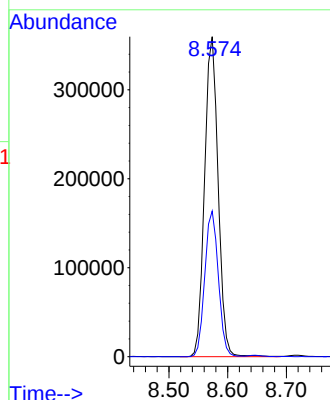
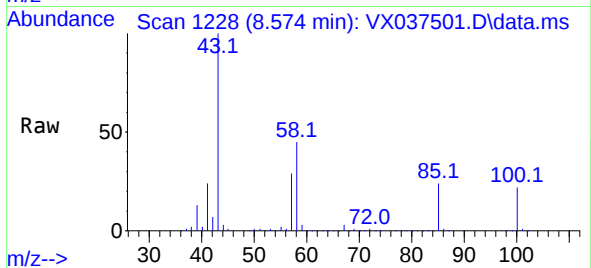
VSTDCCC050

Tgt Ion: 43 Resp: 576429
Ion Ratio Lower Upper
43 100
58 45.4 30.4 45.6

Manual Integrations

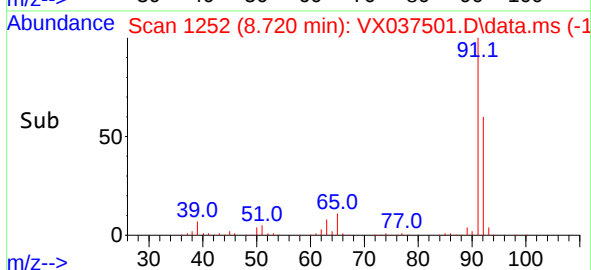
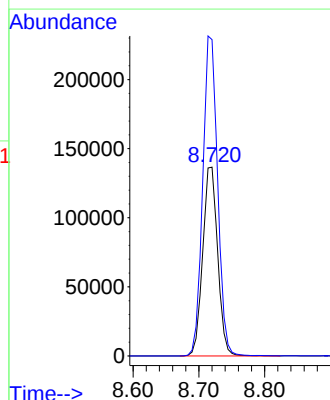
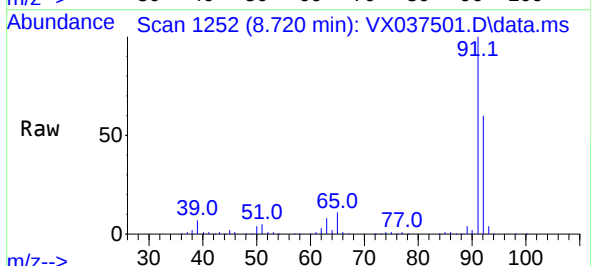
APPROVED

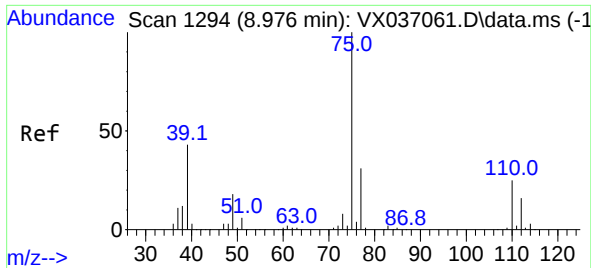
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#52
Toluene
Concen: 53.988 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Tgt Ion: 92 Resp: 216240
Ion Ratio Lower Upper
92 100
91 168.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 56.228 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX037501.D

Acq: 05 Sep 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 135030

Ion Ratio Lower Upper

75 100

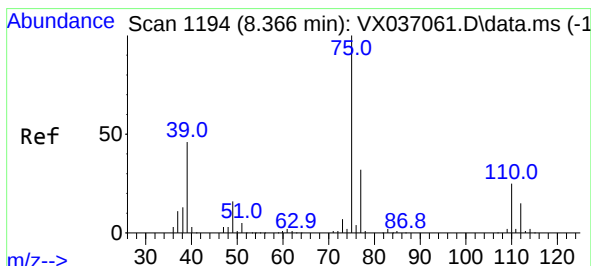
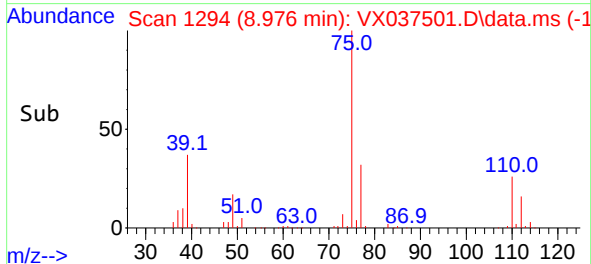
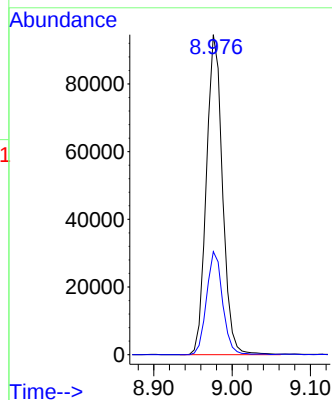
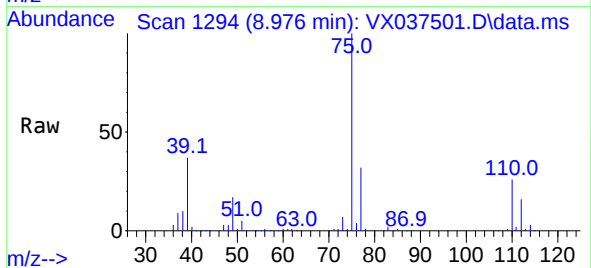
77 32.2 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#54

cis-1,3-Dichloropropene

Concen: 56.051 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037501.D

Acq: 05 Sep 2023 10:31

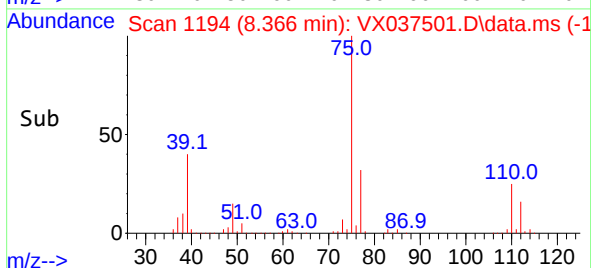
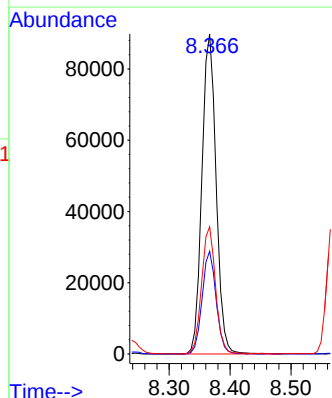
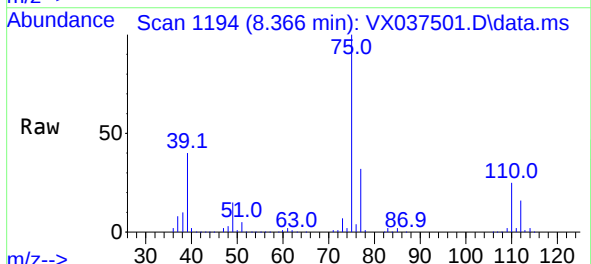
Tgt Ion: 75 Resp: 145460

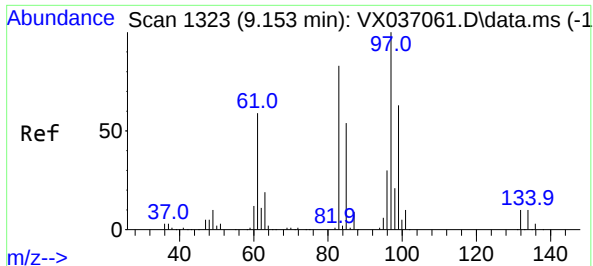
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

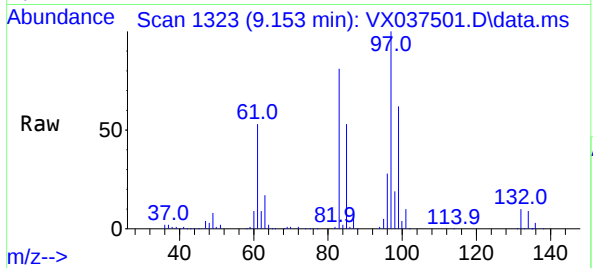
39 39.8 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 59.154 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

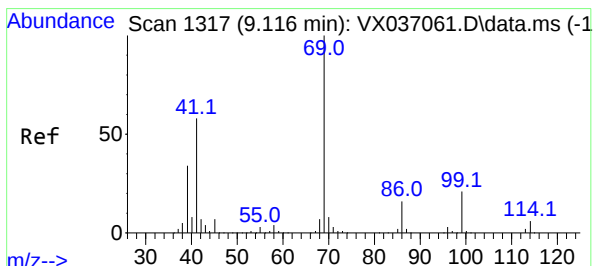
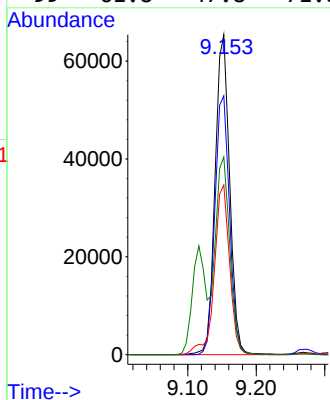
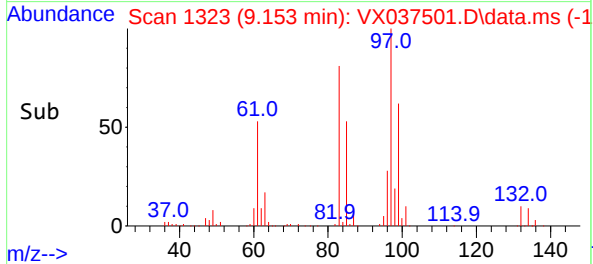


Tgt Ion: 97 Resp: 96478

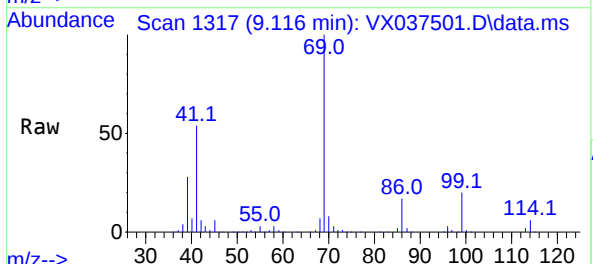
Ion	Ratio	Lower	Upper
97	100		
83	80.9	65.8	98.8
85	53.0	41.6	62.4
99	61.8	47.8	71.8

Manual Integrations
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Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

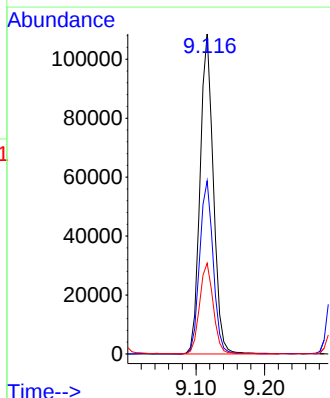
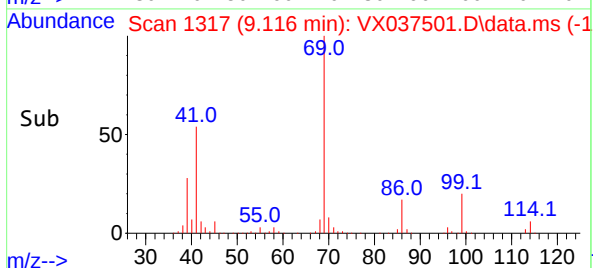


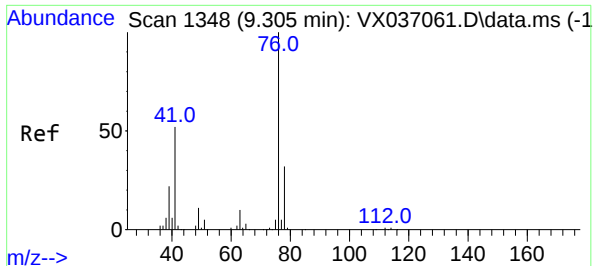
#56
Ethyl methacrylate
Concen: 57.487 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



Tgt Ion: 69 Resp: 146861

Ion	Ratio	Lower	Upper
69	100		
41	55.0	56.8	85.2#
39	29.3	32.0	48.0#





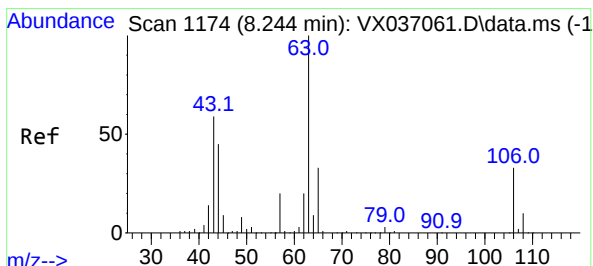
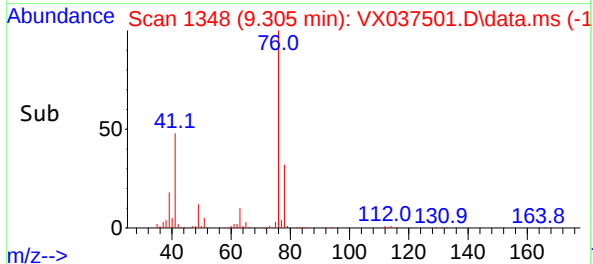
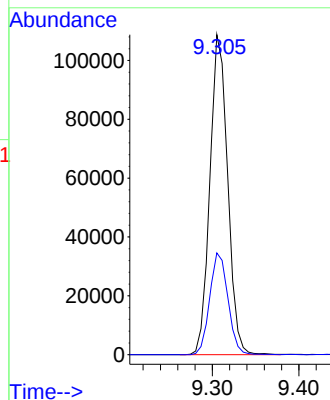
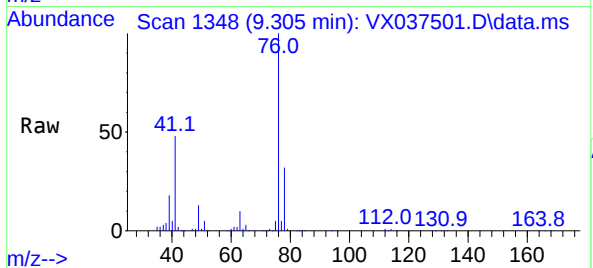
#57
1,3-Dichloropropane
Concen: 56.345 ug/l
RT: 9.305 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 15491
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

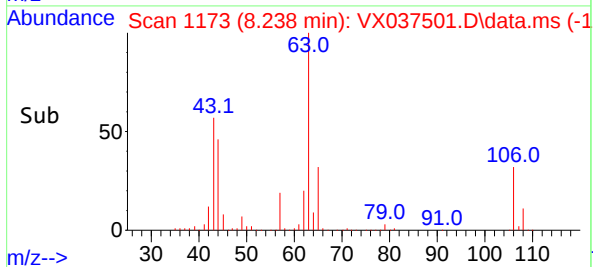
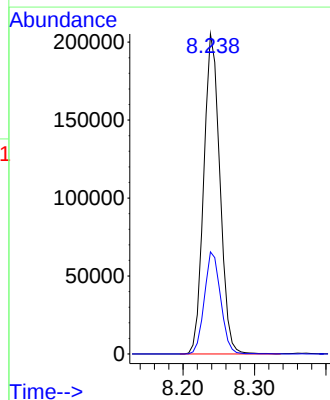
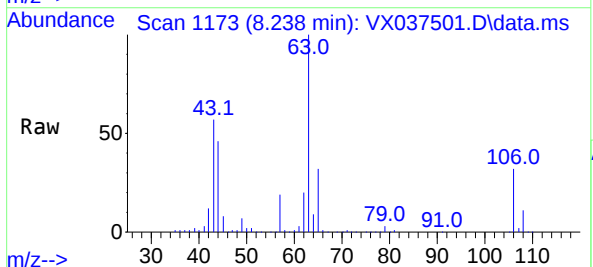
Manual Integrations
APPROVED

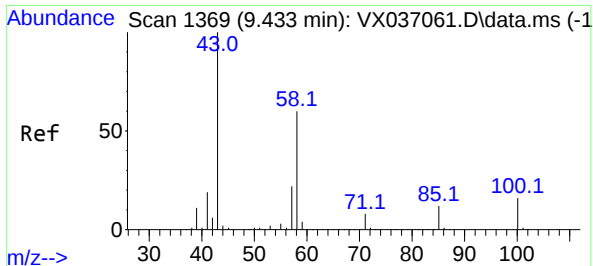
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#58
2-Chloroethyl Vinyl ether
Concen: 262.453 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Tgt Ion: 63 Resp: 321759
Ion Ratio Lower Upper
63 100
106 32.1 22.5 33.7





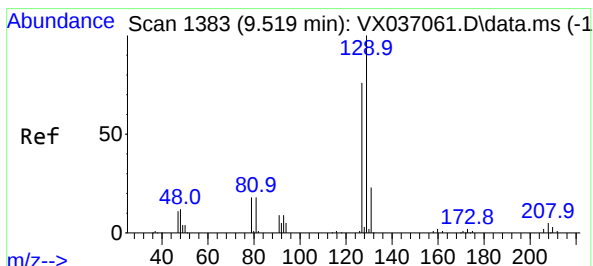
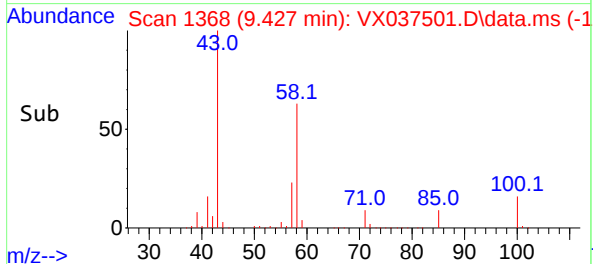
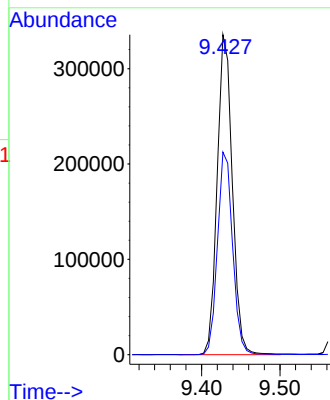
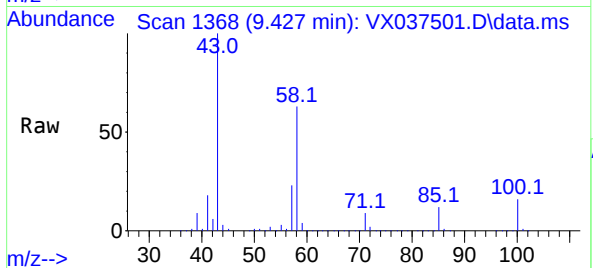
#59
2-Hexanone
Concen: 284.166 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 451004
Ion Ratio Lower Upper
43 100
58 63.5 26.2 78.5

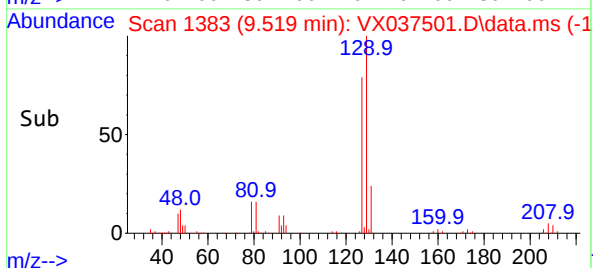
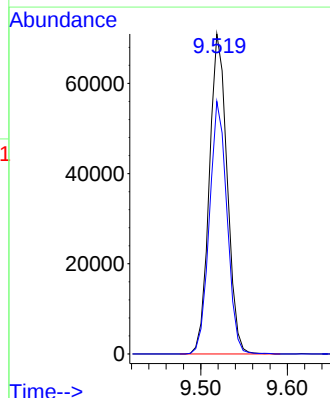
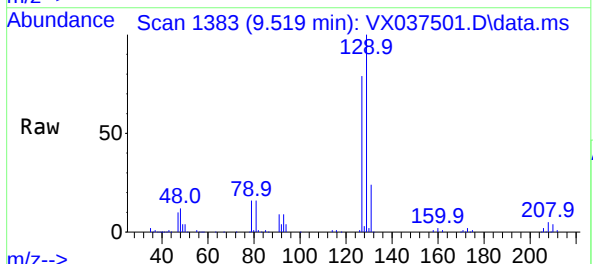
Manual Integrations
APPROVED

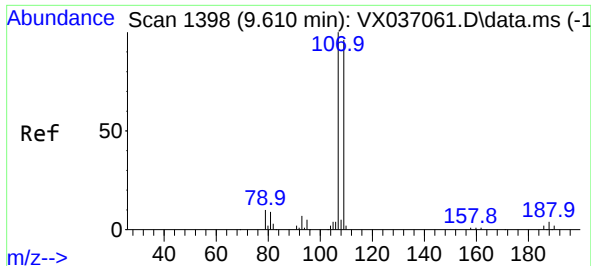
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#60
Dibromochloromethane
Concen: 58.469 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Tgt Ion:129 Resp: 101531
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.328 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

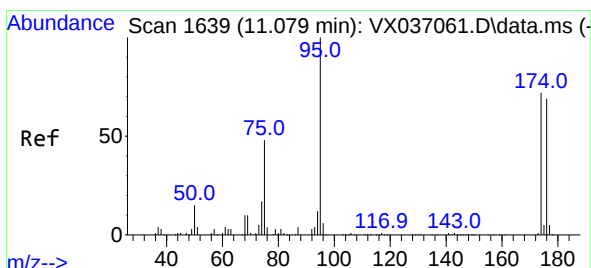
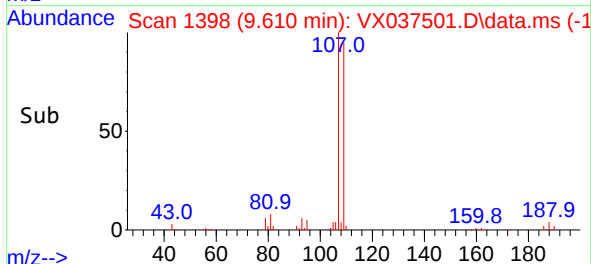
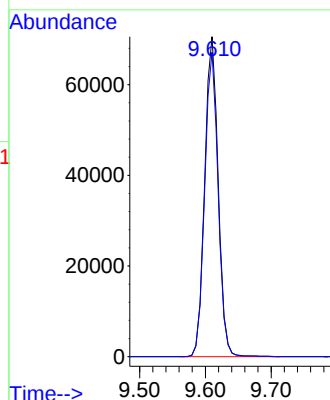
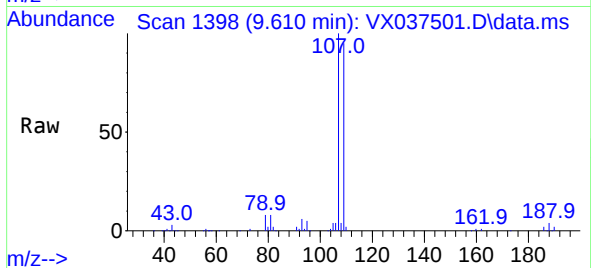
Tgt Ion:107 Resp: 100589
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

Manual Integrations

APPROVED

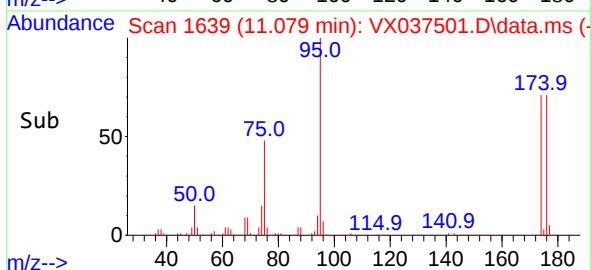
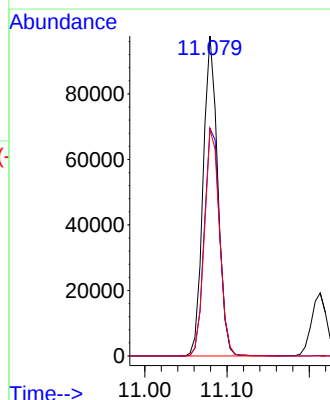
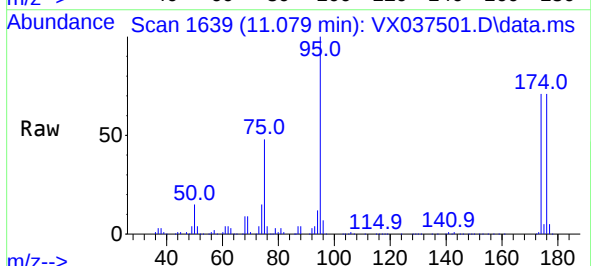
Reviewed By :John Carbone 09/06/2023

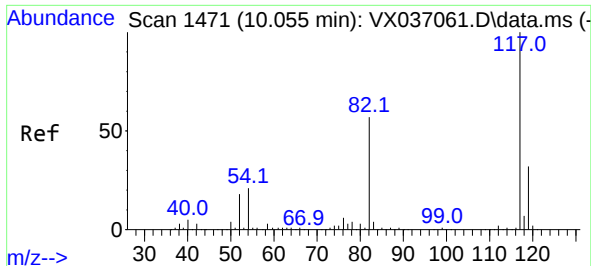
Supervised By :Mahesh Dadoda 09/06/2023



#62
4-Bromofluorobenzene
Concen: 56.824 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

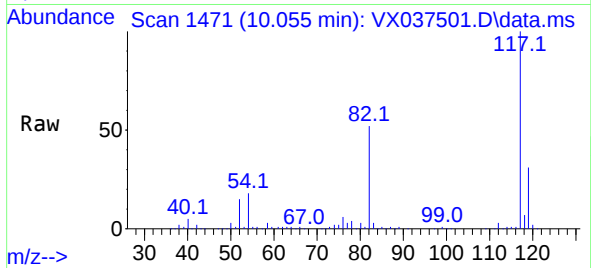
Tgt Ion: 95 Resp: 120512
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 72.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

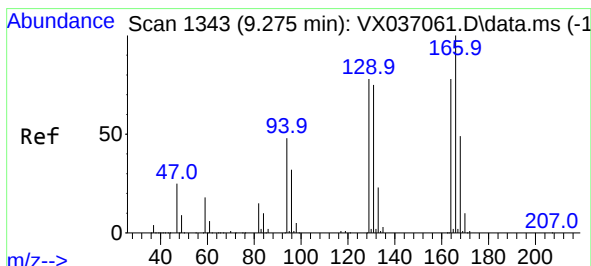
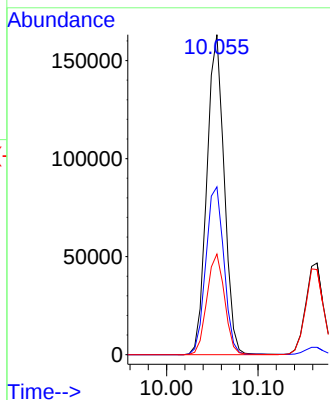
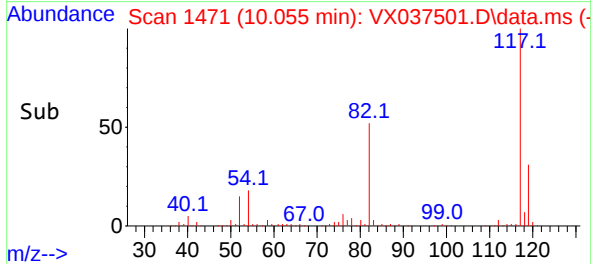
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



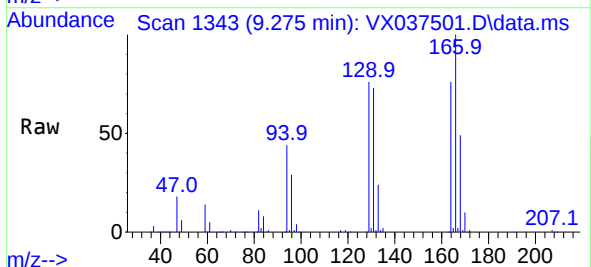
Tgt Ion:117 Resp: 21469
Ion Ratio Lower Upper
117 100
82 52.5 46.2 69.4
119 31.5 25.5 38.3

Manual Integrations
APPROVED

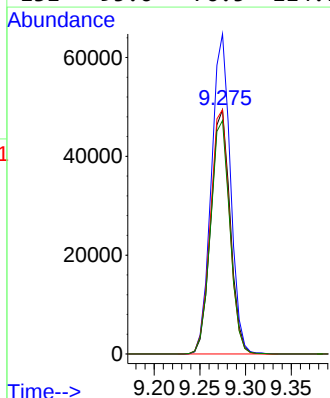
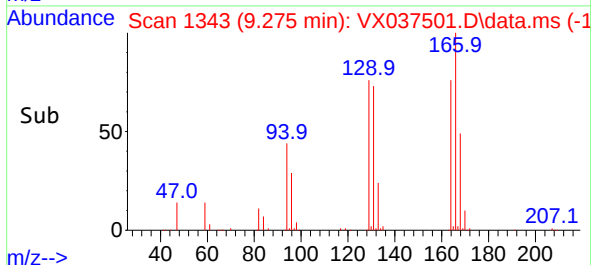
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

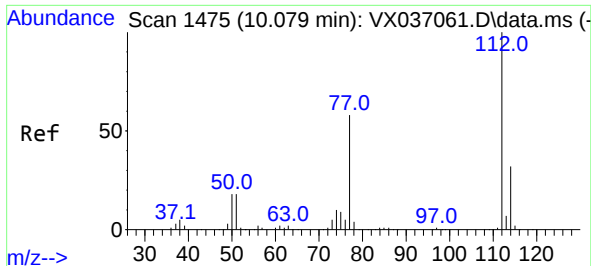


#64
Tetrachloroethene
Concen: 46.203 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



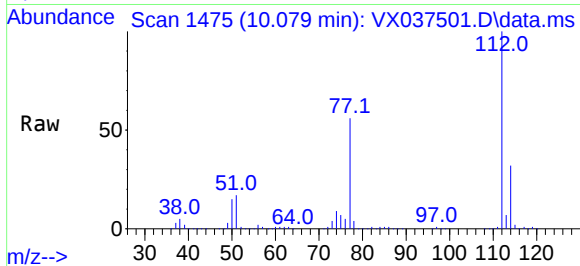
Tgt Ion:164 Resp: 72364
Ion Ratio Lower Upper
164 100
166 131.0 102.7 154.1
129 100.0 80.4 120.6
131 95.6 76.5 114.7





#65
Chlorobenzene
Concen: 53.149 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

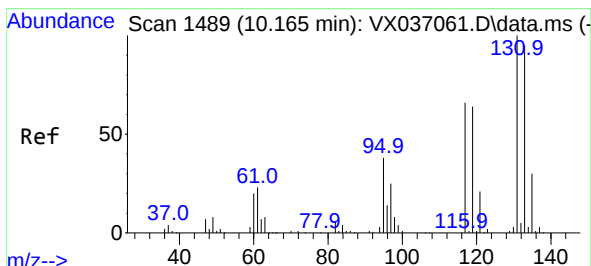
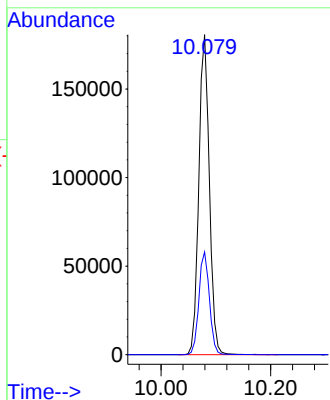
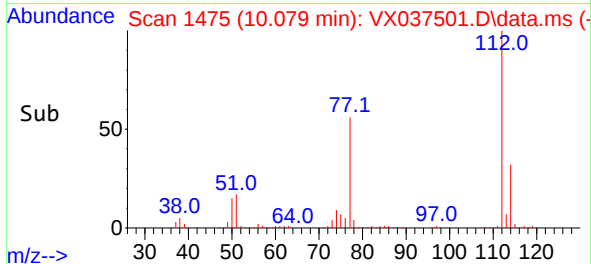
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



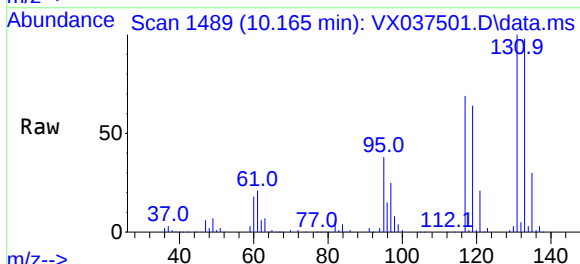
Tgt Ion:112 Resp: 241172
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

Manual Integrations
APPROVED

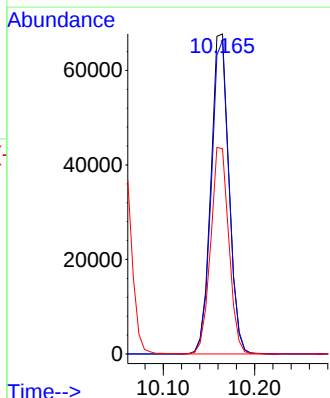
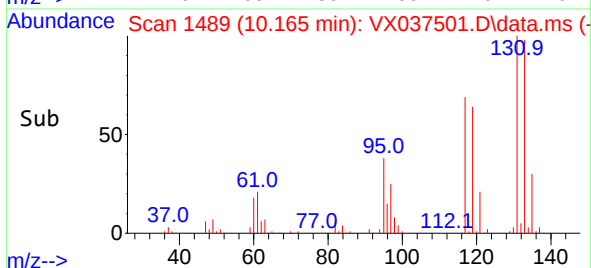
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

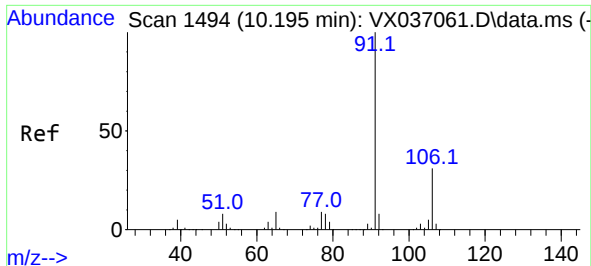


#66
1,1,1,2-Tetrachloroethane
Concen: 55.373 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



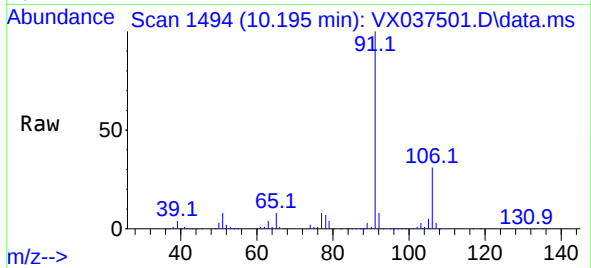
Tgt Ion:131 Resp: 92736
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 65.0 32.2 96.6





#67
Ethyl Benzene
Concen: 52.553 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

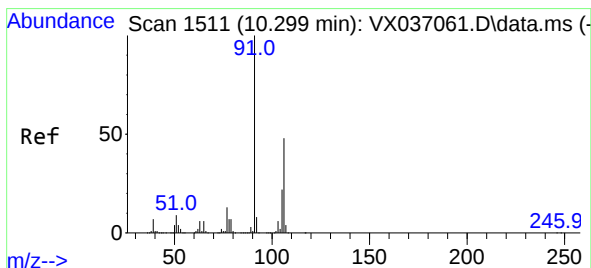
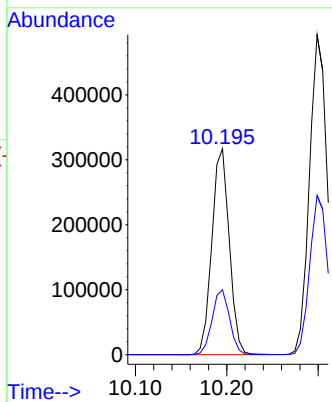
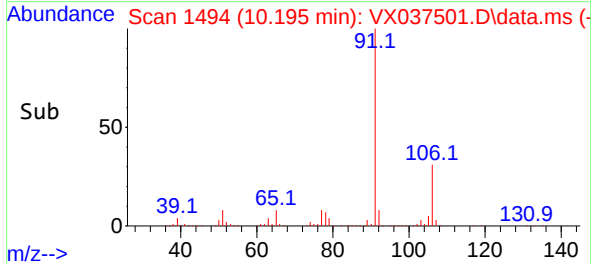
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



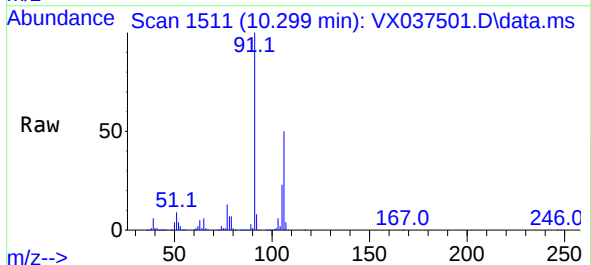
Tgt Ion: 91 Resp: 419610
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

Manual Integrations
APPROVED

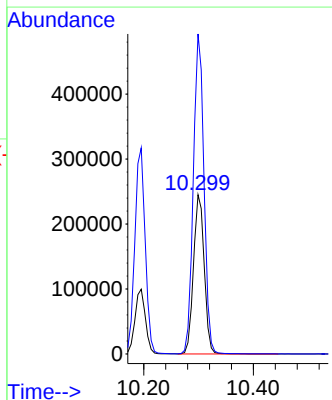
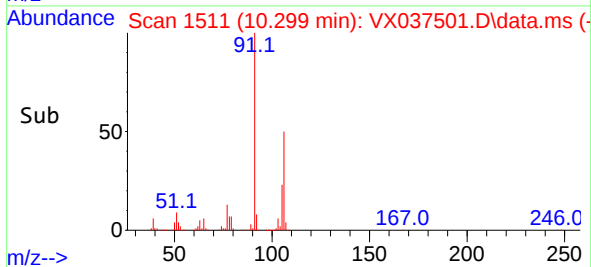
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#68
m/p-Xylenes
Concen: 108.554 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



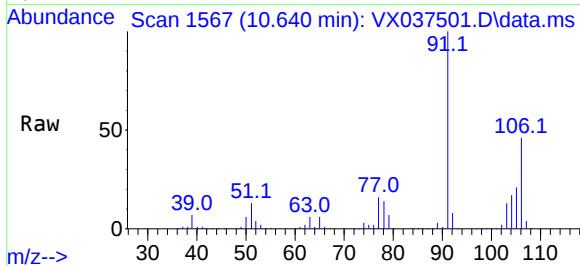
Tgt Ion:106 Resp: 334719
Ion Ratio Lower Upper
106 100
91 199.4 165.5 248.3





#69
o-Xylene
Concen: 54.214 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

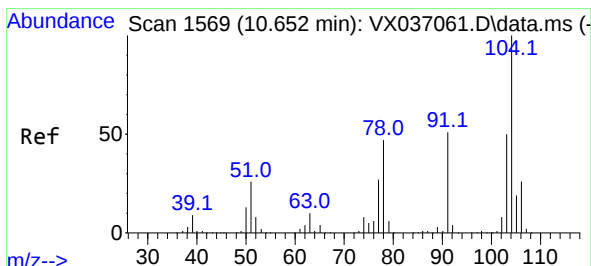
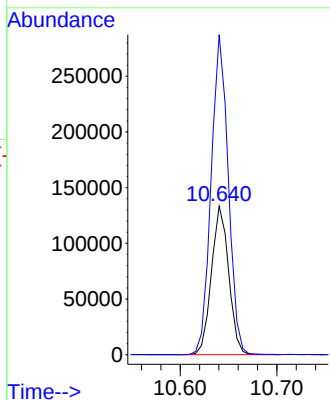
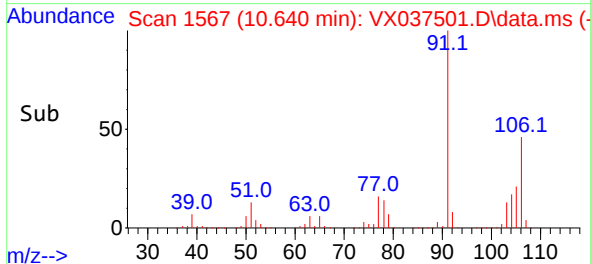
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



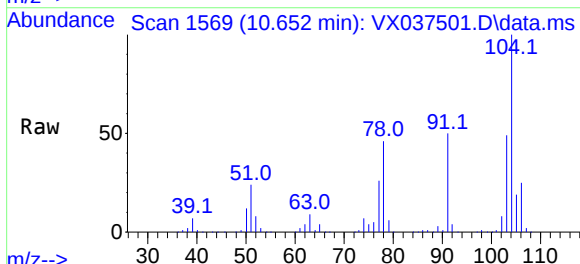
Tgt Ion:106 Resp: 164927
Ion Ratio Lower Upper
106 100
91 214.1 108.9 326.8

Manual Integrations
APPROVED

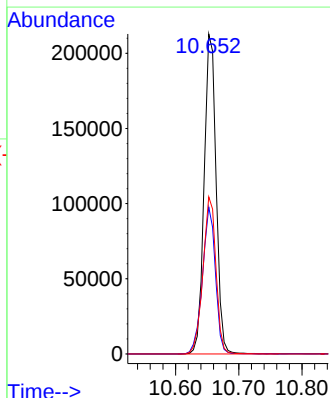
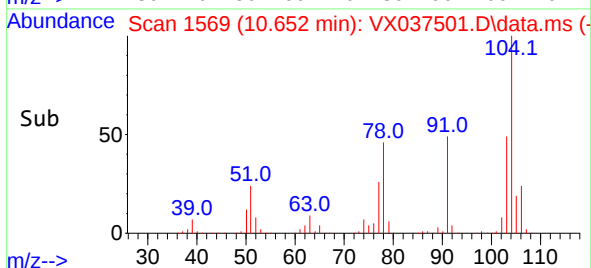
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#70
Styrene
Concen: 56.134 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



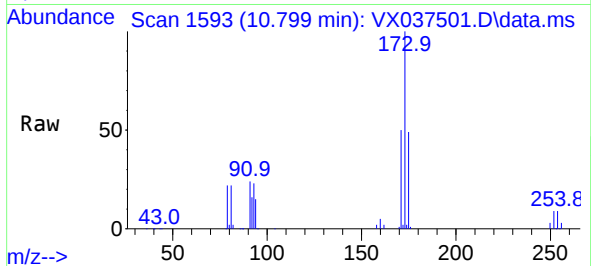
Tgt Ion:104 Resp: 281297
Ion Ratio Lower Upper
104 100
78 49.6 43.6 65.4
103 53.3 43.6 65.4





#71
Bromoform
Concen: 61.171 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

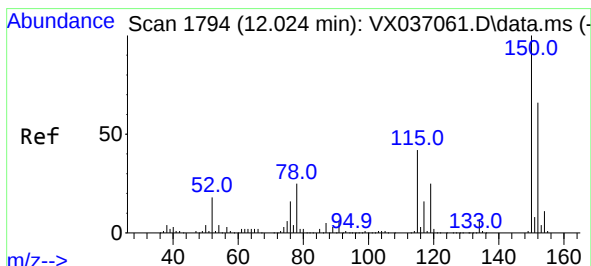
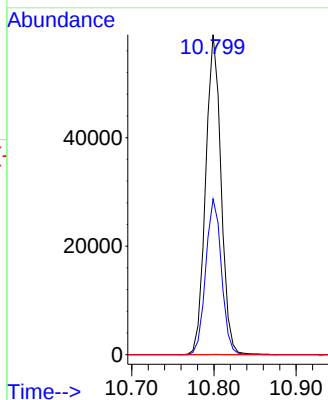
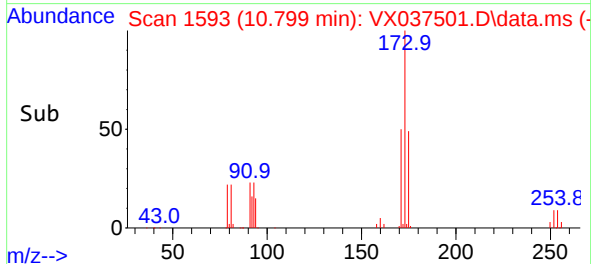
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



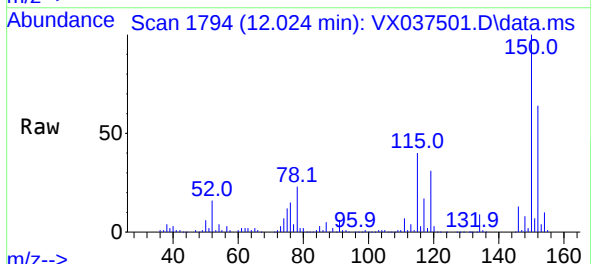
Tgt Ion:173 Resp: 7663
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

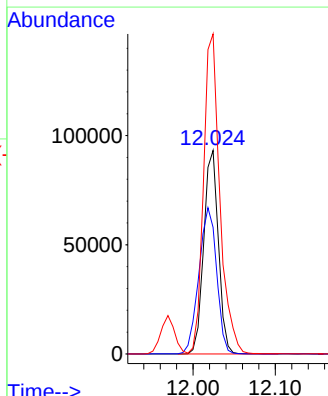
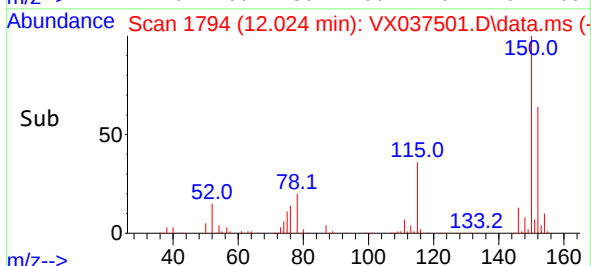
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



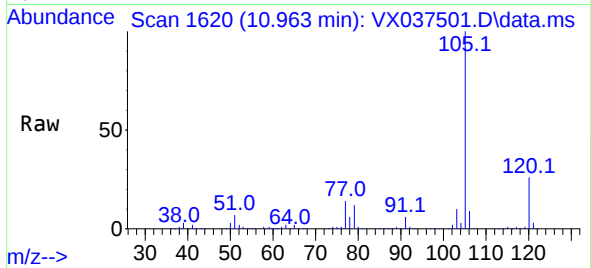
Tgt Ion:152 Resp: 115129
Ion Ratio Lower Upper
152 100
115 87.3 43.3 129.9
150 175.9 0.0 345.0





#73
Isopropylbenzene
Concen: 51.884 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

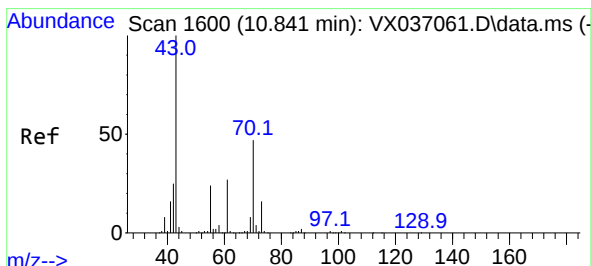
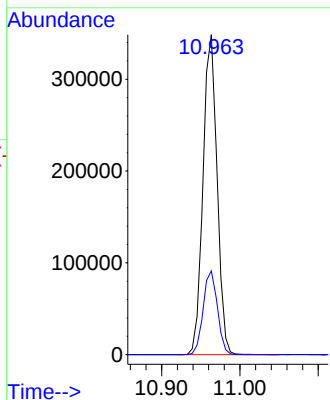
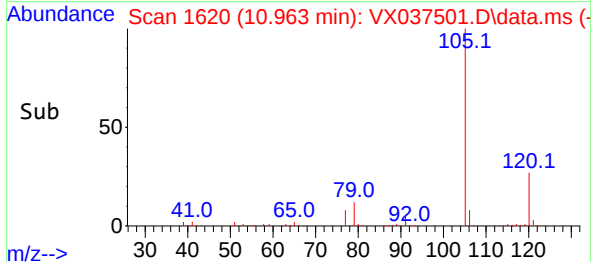
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



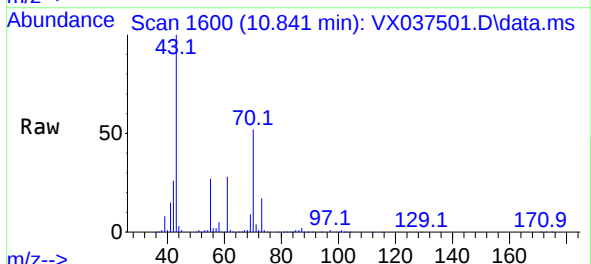
Tgt Ion:105 Resp: 434178
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

Manual Integrations
APPROVED

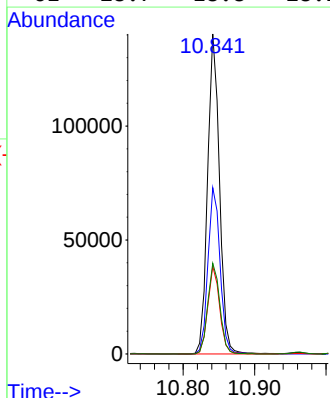
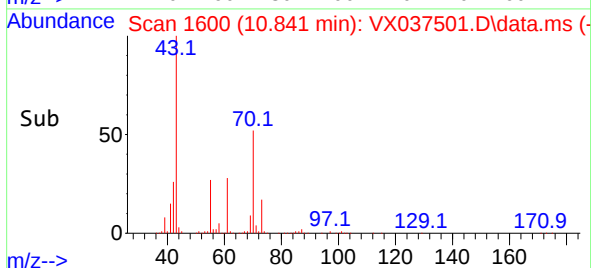
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#74
N-ethyl acetate
Concen: 49.972 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



Tgt Ion: 43 Resp: 162486
Ion Ratio Lower Upper
43 100
70 53.0 32.9 49.3#
55 27.4 19.3 28.9
61 28.7 18.8 28.2#





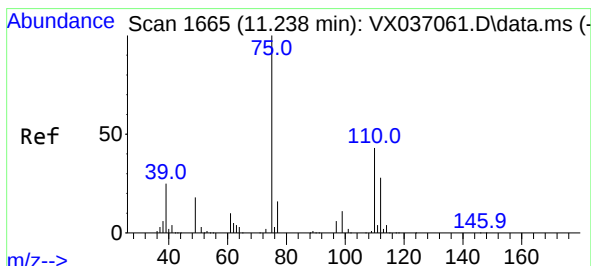
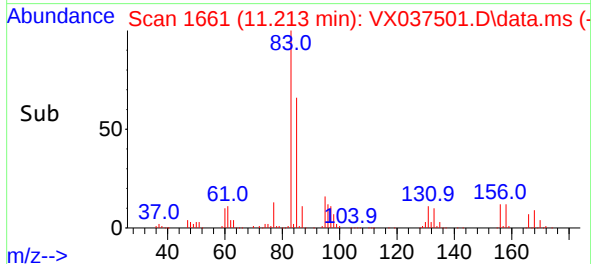
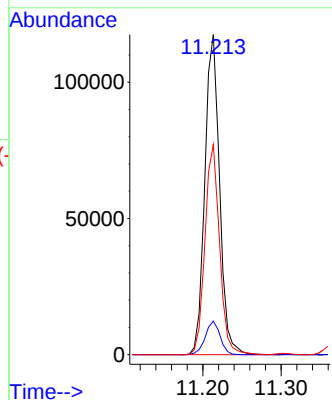
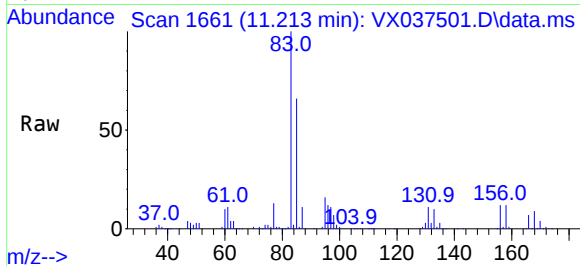
#75
1,1,2,2-Tetrachloroethane
Concen: 54.393 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 153290
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 65.2 32.0 96.2

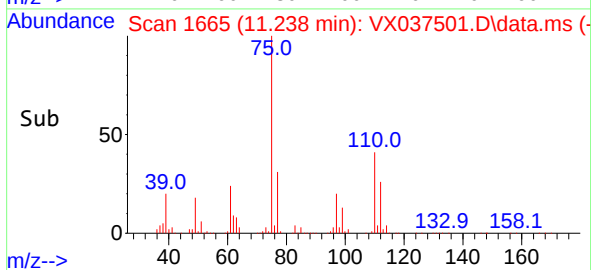
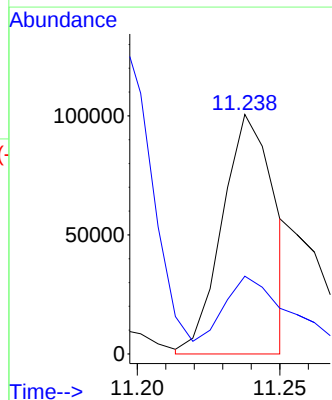
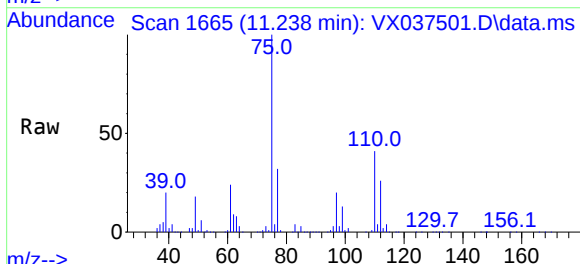
Manual Integrations
APPROVED

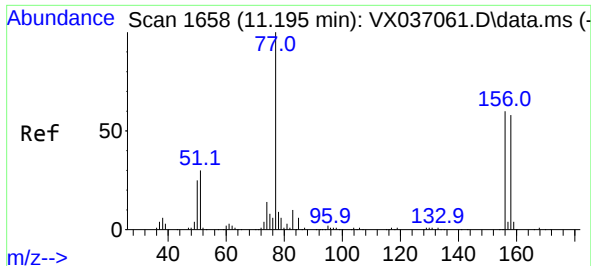
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#76
1,2,3-Trichloropropane
Concen: 52.023 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Tgt Ion: 75 Resp: 127553
Ion Ratio Lower Upper
75 100
77 43.8 19.1 57.5





#77
Bromobenzene
Concen: 52.165 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

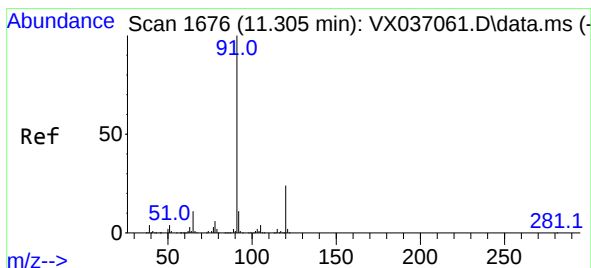
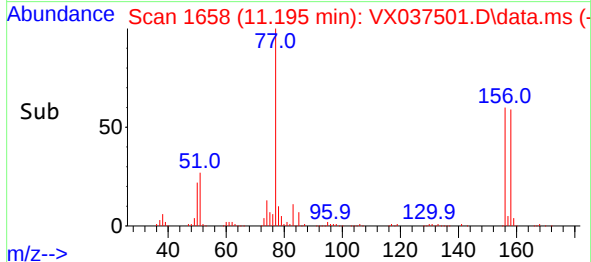
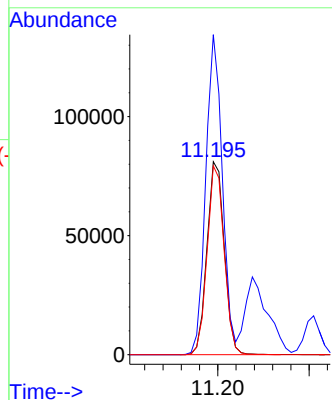
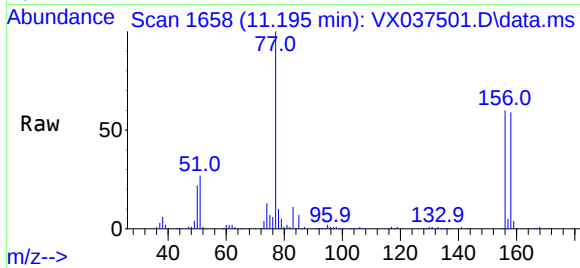
VSTDCCC050

Tgt Ion:156 Resp: 106610
Ion Ratio Lower Upper
156 100
77 158.1 88.4 265.3
158 95.8 48.0 144.0

Manual Integrations

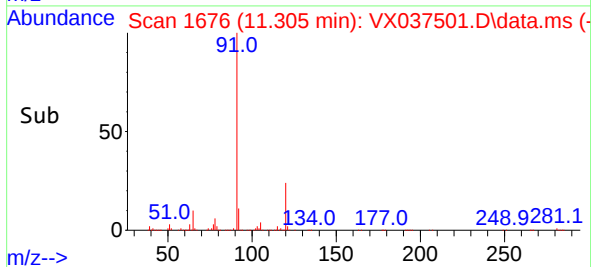
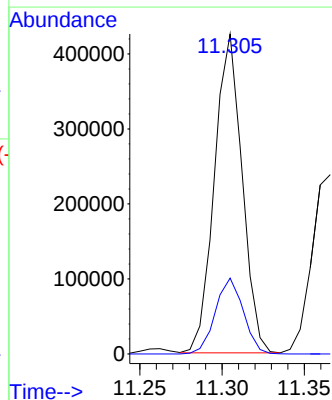
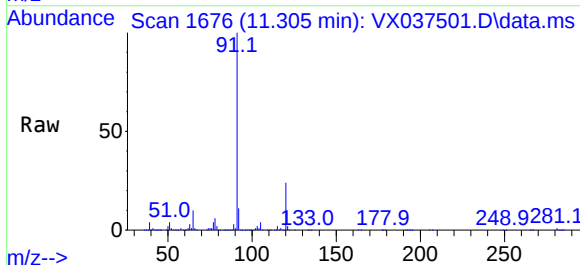
APPROVED

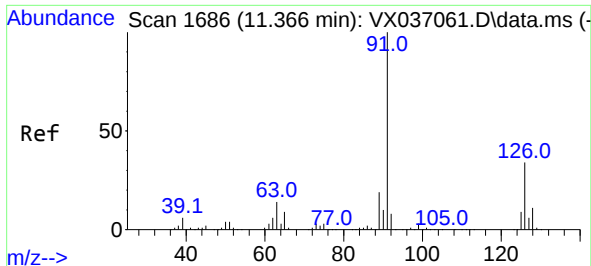
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#78
n-propylbenzene
Concen: 53.440 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Tgt Ion: 91 Resp: 497958
Ion Ratio Lower Upper
91 100
120 24.0 11.5 34.4





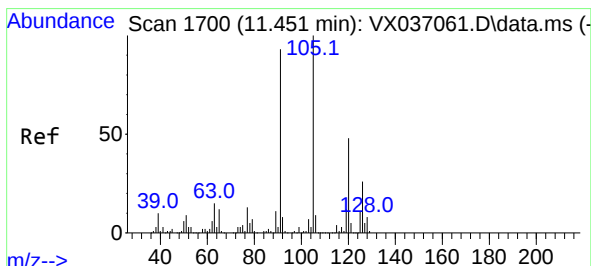
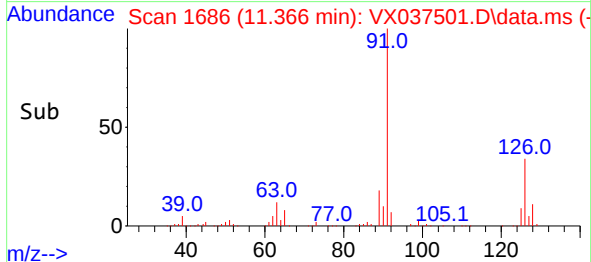
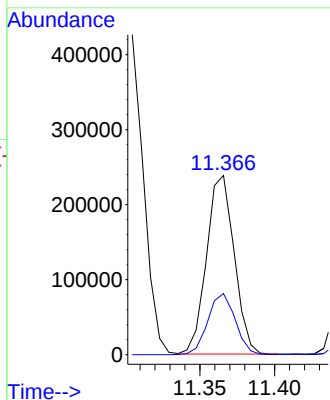
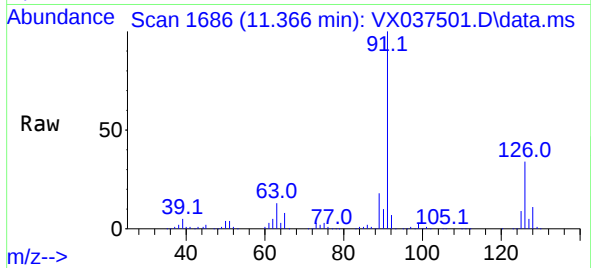
#79
2-Chlorotoluene
Concen: 51.463 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 30644
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8

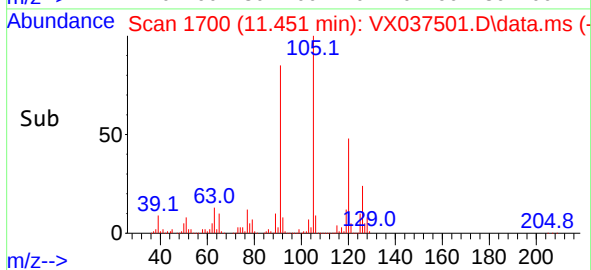
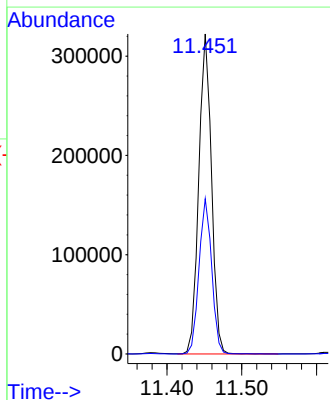
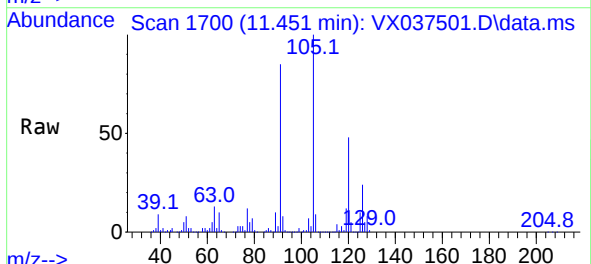
Manual Integrations
APPROVED

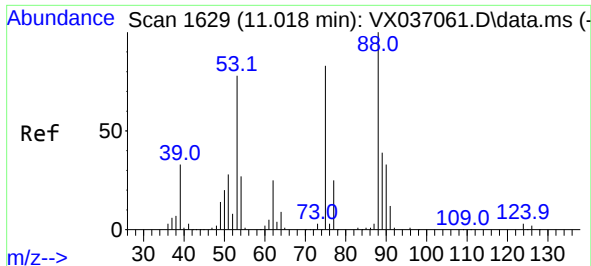
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 54.344 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Tgt Ion:105 Resp: 379353
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3





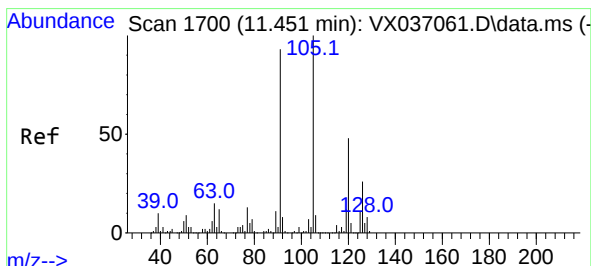
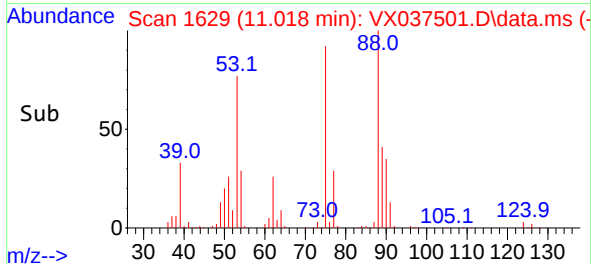
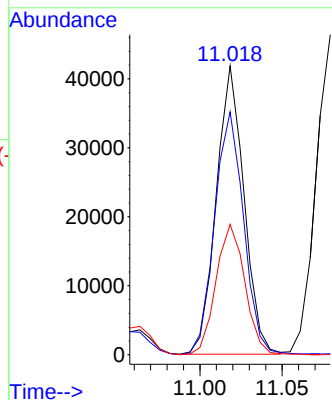
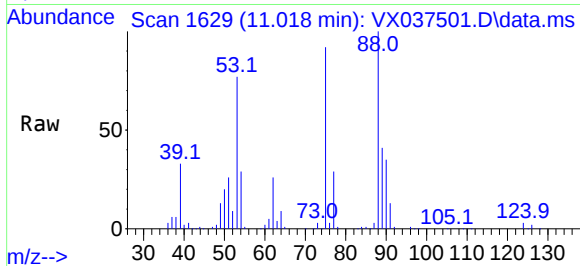
#81
trans-1,4-Dichloro-2-butene
Concen: 55.703 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 48899
Ion Ratio Lower Upper
75 100
53 88.7 90.5 135.7
89 47.2 36.9 55.3

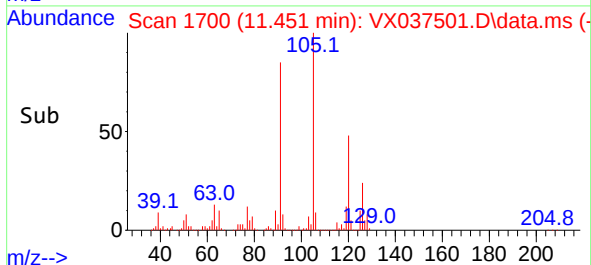
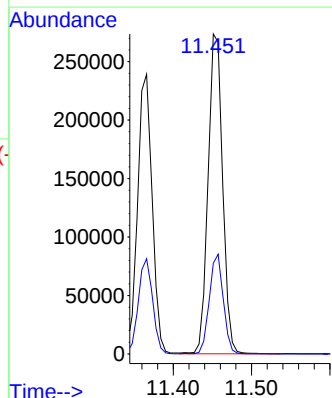
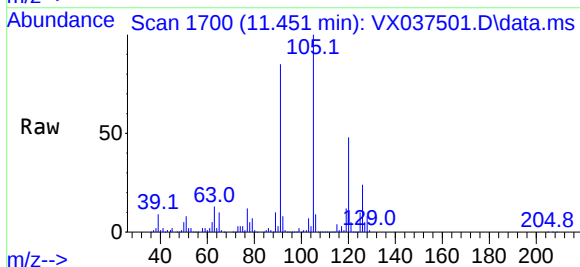
Manual Integrations
APPROVED

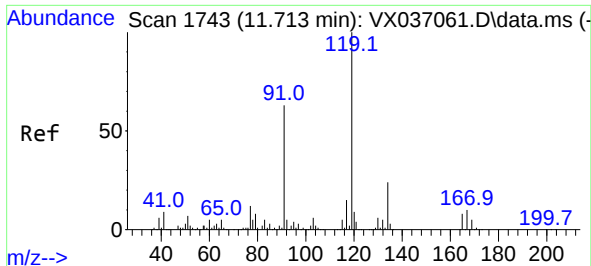
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#82
4-Chlorotoluene
Concen: 51.160 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

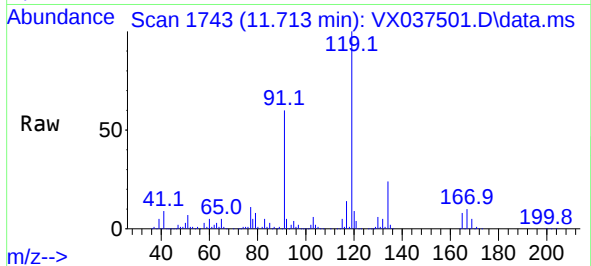
Tgt Ion: 91 Resp: 351657
Ion Ratio Lower Upper
91 100
126 30.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 57.445 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

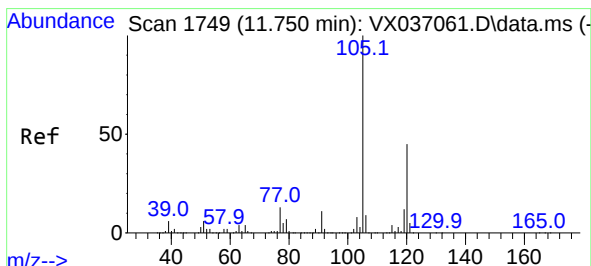
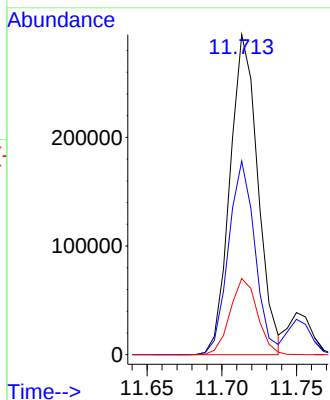
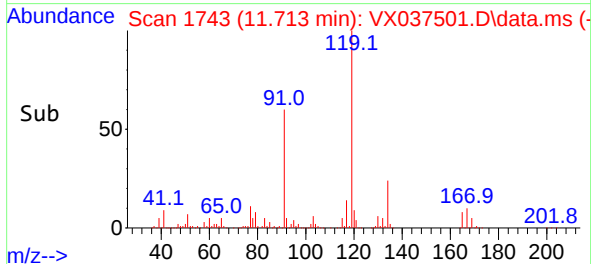
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



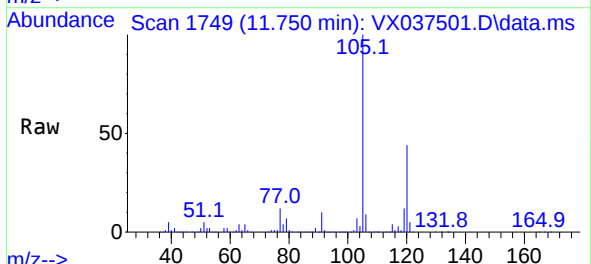
Tgt Ion:119 Resp: 382420
Ion Ratio Lower Upper
119 100
91 57.6 31.2 93.6
134 23.3 11.7 35.0

Manual Integrations
APPROVED

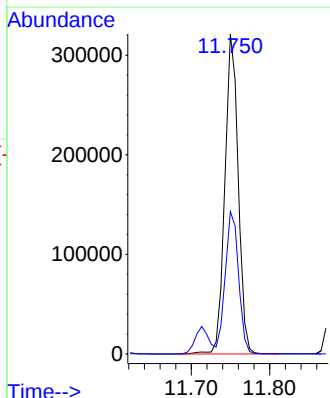
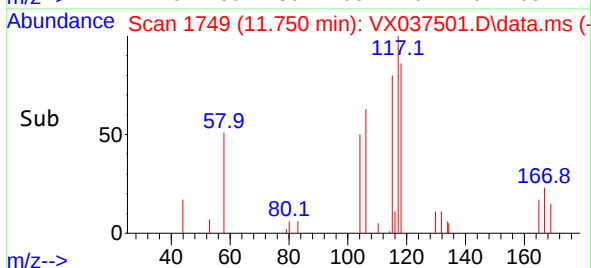
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

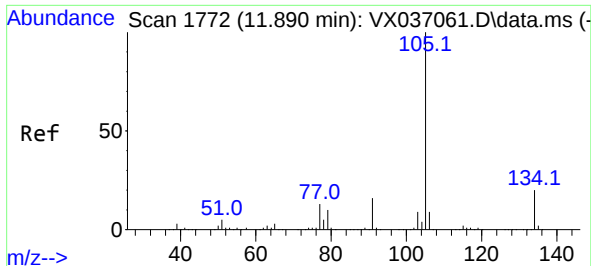


#84
1,2,4-Trimethylbenzene
Concen: 54.096 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



Tgt Ion:105 Resp: 381642
Ion Ratio Lower Upper
105 100
120 44.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 60.893 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037501.D
 Acq: 05 Sep 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

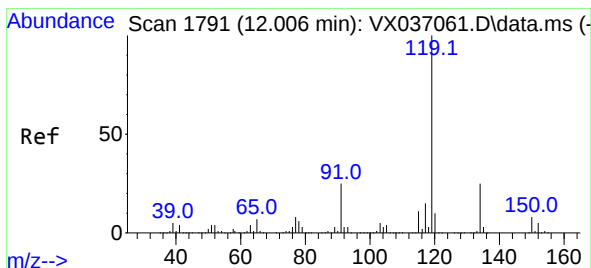
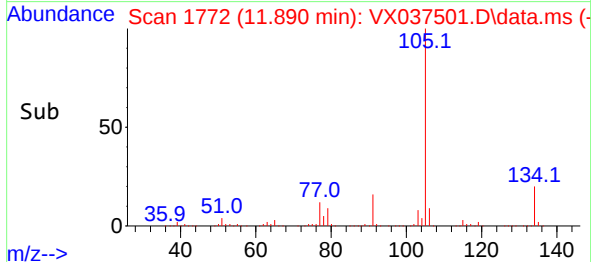
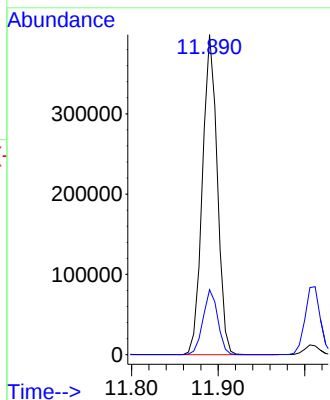
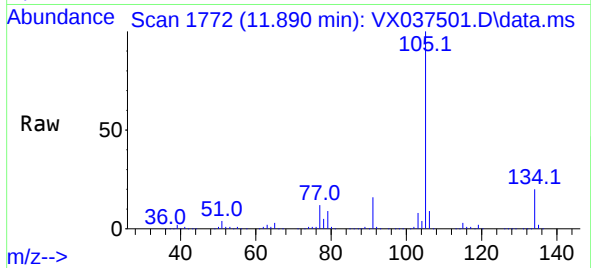
Tgt Ion:105 Resp: 47350
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

Manual Integrations

APPROVED

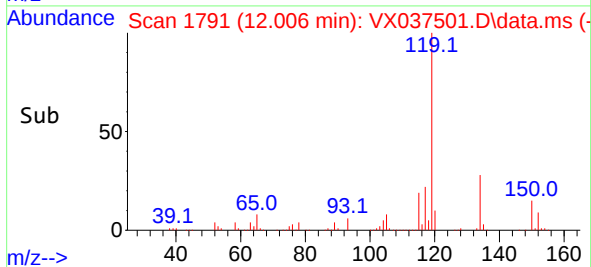
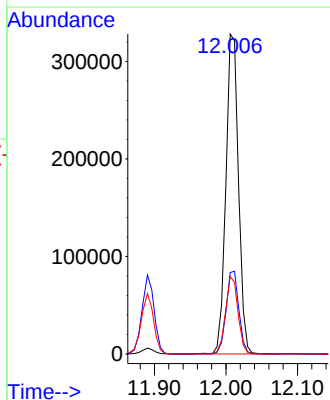
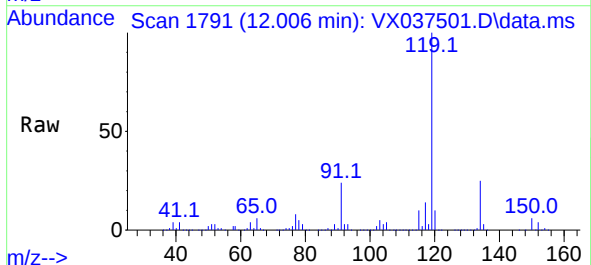
Reviewed By :John Carlone 09/06/2023

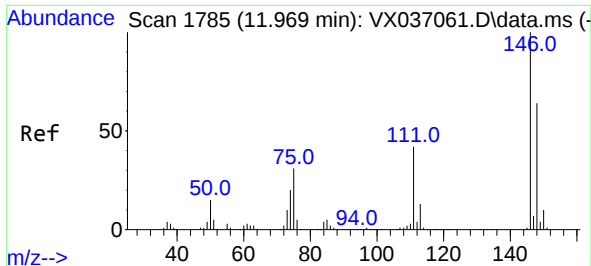
Supervised By :Mahesh Dadoda 09/06/2023



#86
 p-Isopropyltoluene
 Concen: 60.039 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037501.D
 Acq: 05 Sep 2023 10:31

Tgt Ion:119 Resp: 401898
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 23.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.529 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037501.D

Acq: 05 Sep 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 204819

Ion Ratio Lower Upper

146 100

111 41.9 22.1 66.1

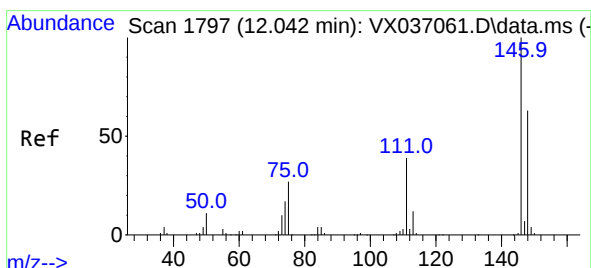
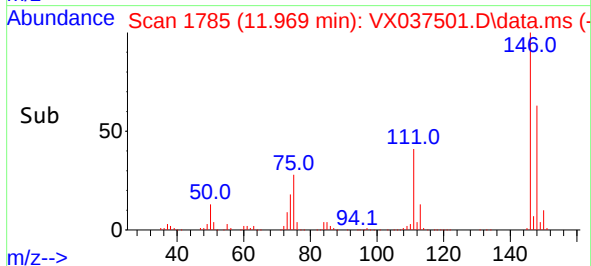
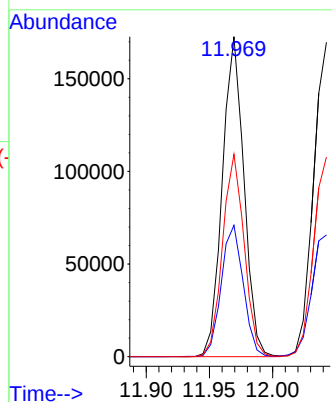
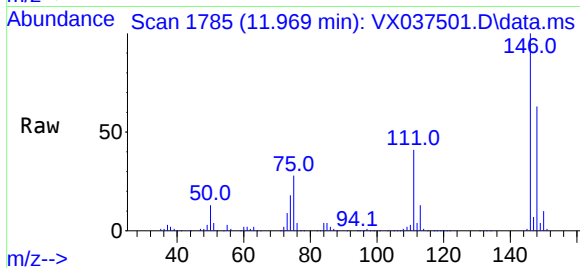
148 63.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#88

1,4-Dichlorobenzene

Concen: 51.944 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037501.D

Acq: 05 Sep 2023 10:31

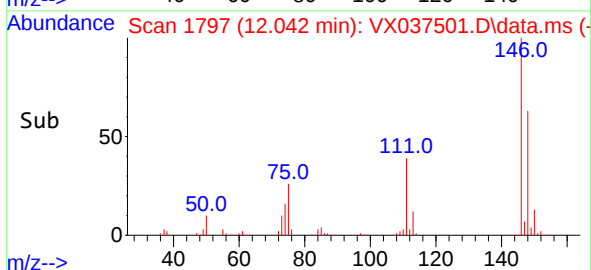
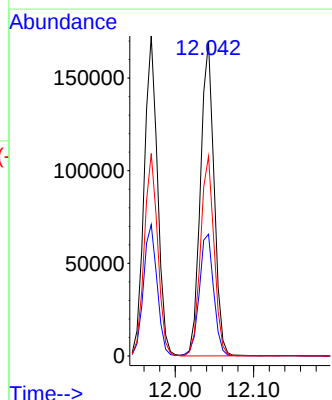
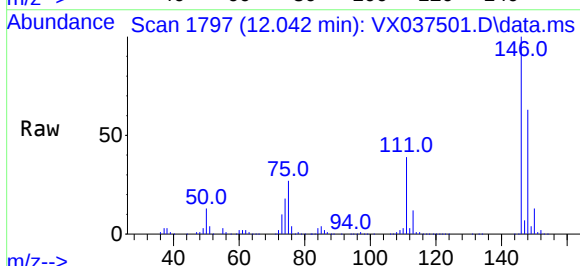
Tgt Ion:146 Resp: 205344

Ion Ratio Lower Upper

146 100

111 40.8 21.3 63.7

148 63.6 31.8 95.4





#89
n-Butylbenzene
Concen: 61.615 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

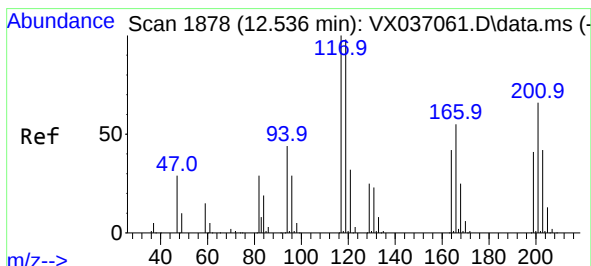
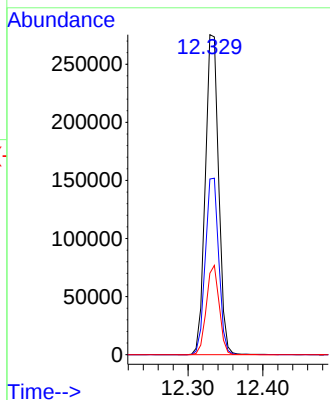
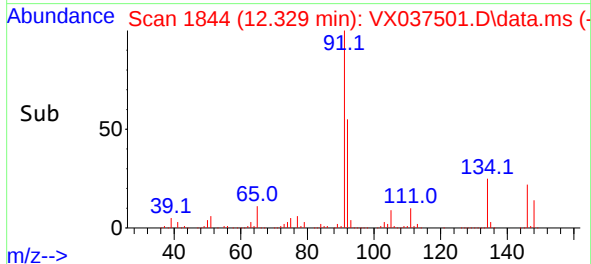
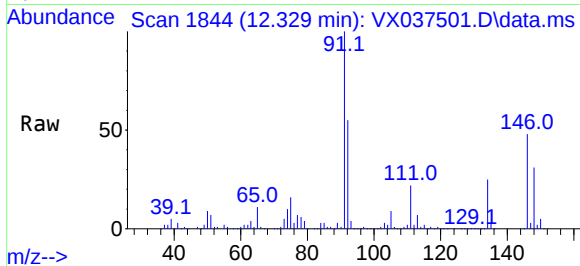
VSTDCCC050

Tgt Ion: 91 Resp: 341954
Ion Ratio Lower Upper
91 100
92 55.4 27.4 82.0
134 26.8 12.6 37.8

Manual Integrations

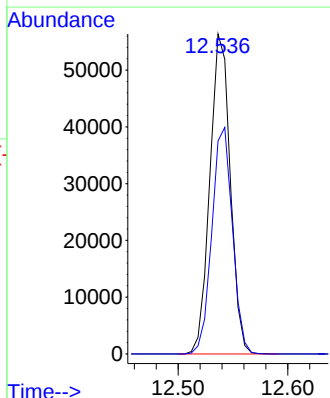
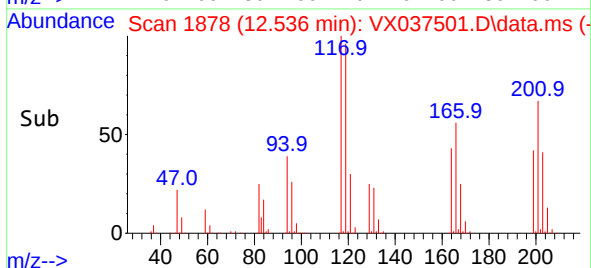
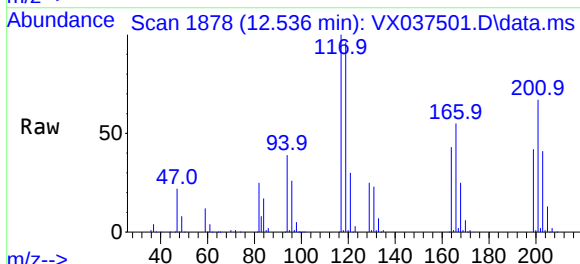
APPROVED

Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#90
Hexachloroethane
Concen: 65.069 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

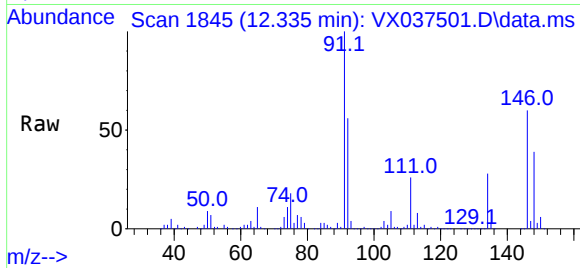
Tgt Ion:117 Resp: 72700
Ion Ratio Lower Upper
117 100
201 71.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 54.447 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

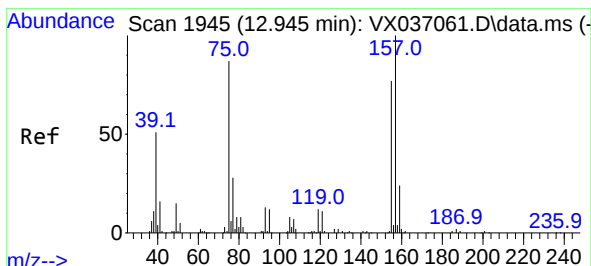
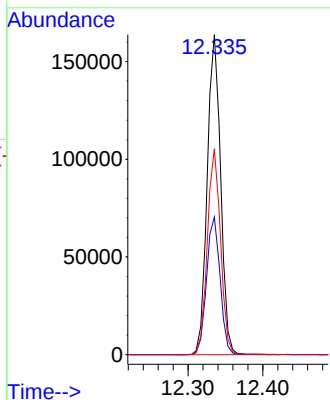
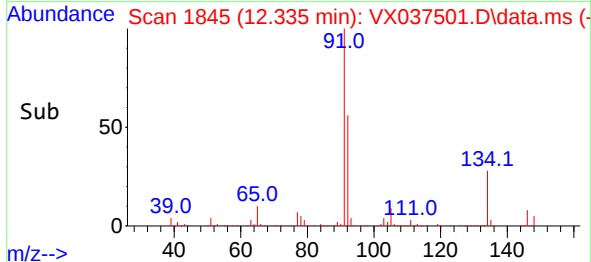
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



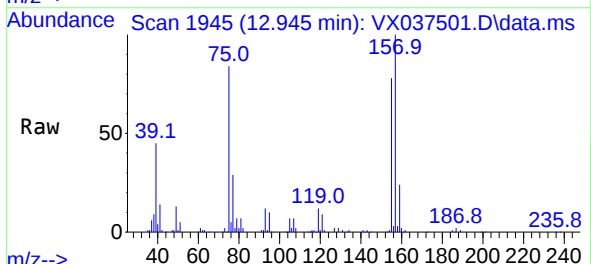
Tgt Ion:146 Resp: 20400
Ion Ratio Lower Upper
146 100
111 43.4 22.4 67.0
148 63.4 31.6 95.0

Manual Integrations
APPROVED

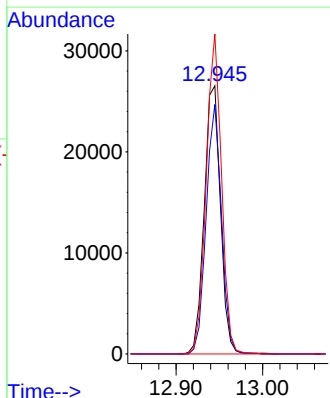
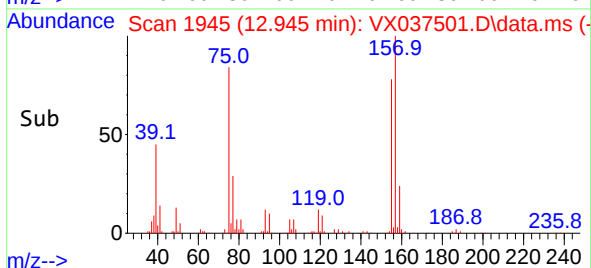
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

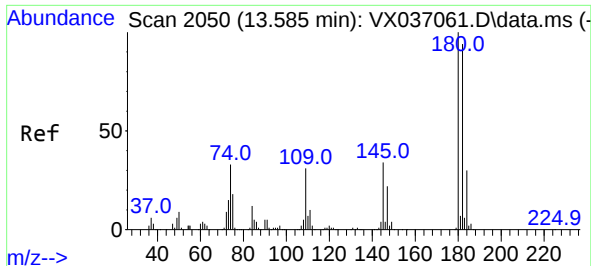


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.864 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



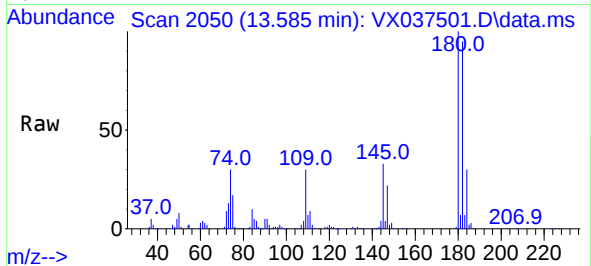
Tgt Ion: 75 Resp: 34617
Ion Ratio Lower Upper
75 100
155 87.9 36.1 108.5
157 112.4 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 57.963 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

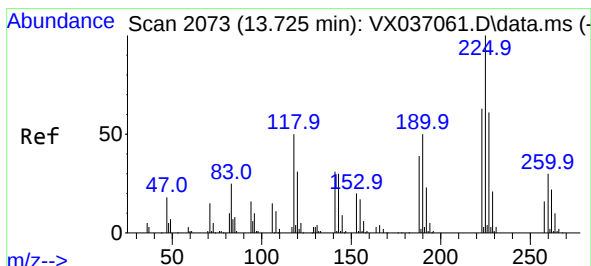
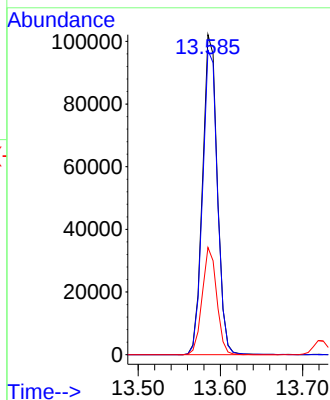
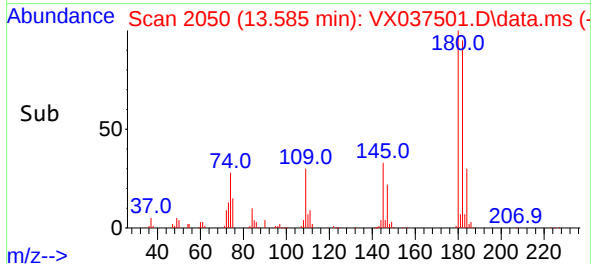
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



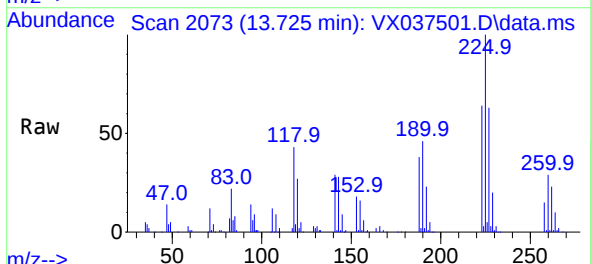
Tgt Ion:180 Resp: 127073
Ion Ratio Lower Upper
180 100
182 96.1 48.3 144.8
145 33.0 18.0 54.0

Manual Integrations
APPROVED

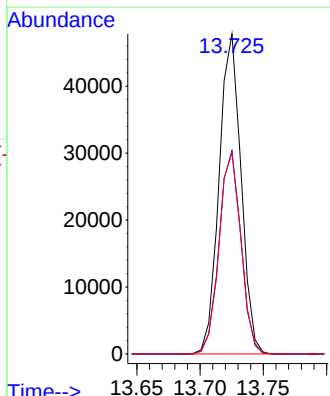
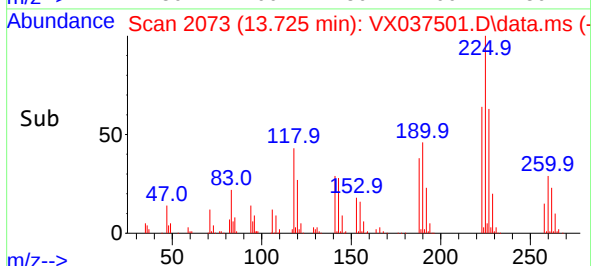
Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

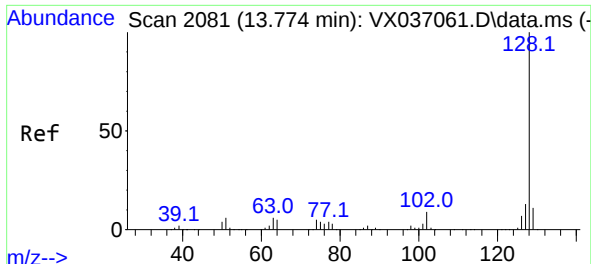


#94
Hexachlorobutadiene
Concen: 67.841 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31



Tgt Ion:225 Resp: 57457
Ion Ratio Lower Upper
225 100
223 63.4 31.1 93.2
227 62.6 32.5 97.5





#95
Naphthalene
Concen: 47.325 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Instrument :

MSVOA_X

ClientSampleId :

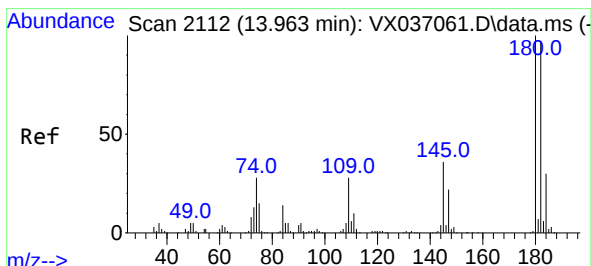
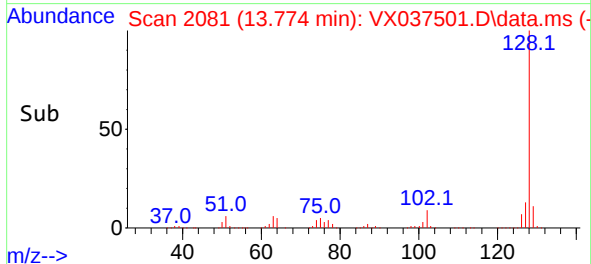
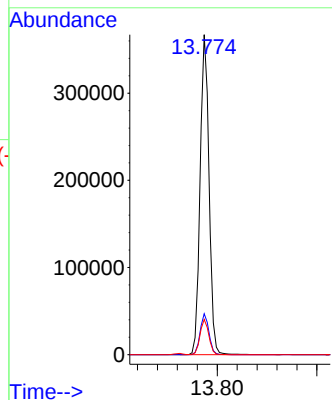
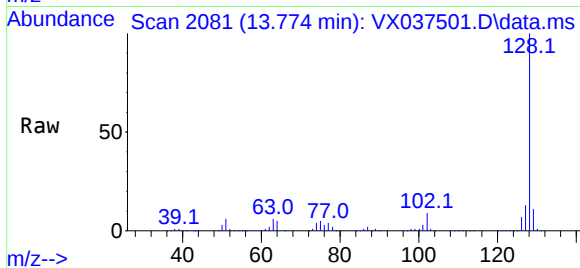
VSTDCCC050

Tgt Ion:128 Resp: 454474
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 58.637 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX037501.D
Acq: 05 Sep 2023 10:31

Tgt Ion:180 Resp: 127716
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.6
145 35.3 17.8 53.5

