

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037643.D
 Acq On : 11 Sep 2023 15:44
 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 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 09:28:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 09:13:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	137100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111491	50.262	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.520%			
35) Dibromofluoromethane	5.385	113	86085	50.068	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.140%			
50) Toluene-d8	8.647	98	333163	51.379	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.760%			
62) 4-Bromofluorobenzene	11.079	95	125070	53.462	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	70809	48.306	ug/l	96
3) Chloromethane	1.301	50	77352	44.992	ug/l	100
4) Vinyl Chloride	1.374	62	89420	47.260	ug/l	99
5) Bromomethane	1.599	94	92785	57.585	ug/l	99
6) Chloroethane	1.673	64	62246	48.383	ug/l	98
7) Trichlorofluoromethane	1.880	101	159782	49.792	ug/l	99
8) Diethyl Ether	2.130	74	63464	48.939	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	68826	48.491	ug/l	100
10) Methyl Iodide	2.447	142	81052	48.039	ug/l	95
11) Tert butyl alcohol	2.965	59	117732	256.695	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	66269	47.526	ug/l	94
13) Acrolein	2.233	56	94872	261.774	ug/l	99
14) Allyl chloride	2.660	41	115085	46.383	ug/l #	94
15) Acrylonitrile	3.063	53	257221	246.571	ug/l	99
16) Acetone	2.380	43	213339	232.658	ug/l	92
17) Carbon Disulfide	2.508	76	170414	47.411	ug/l	100
18) Methyl Acetate	2.703	43	183143	47.655	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	278724	49.517	ug/l	100
20) Methylene Chloride	2.788	84	87705	50.575	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	78640	47.560	ug/l	92
22) Diisopropyl ether	3.764	45	270479	49.944	ug/l #	84
23) Vinyl Acetate	3.721	43	1035538	260.621	ug/l	97
24) 1,1-Dichloroethane	3.605	63	155909	49.209	ug/l	99
25) 2-Butanone	4.556	43	364246	247.397	ug/l	91
26) 2,2-Dichloropropane	4.471	77	86901	39.612	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	98185	49.657	ug/l	91
28) Bromochloromethane	4.898	49	80989	50.411	ug/l	95
29) Tetrahydrofuran	5.001	42	238282	250.921	ug/l	91
30) Chloroform	5.093	83	171922	50.048	ug/l	100
31) Cyclohexane	5.471	56	126434	49.499	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	143072	49.586	ug/l	99
36) 1,1-Dichloropropene	5.690	75	117001	49.346	ug/l	99
37) Ethyl Acetate	4.715	43	141733	51.833	ug/l	98
38) Carbon Tetrachloride	5.672	117	120824	51.023	ug/l	99
39) Methylcyclohexane	7.379	83	142598	51.133	ug/l	94
40) Benzene	6.038	78	363828	50.465	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	73416	50.536	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	144304	51.653	ug/l	99
43) Isopropyl Acetate	6.342	43	228954	52.967	ug/l	98
44) Trichloroethene	7.129	130	90087	51.198	ug/l	97
45) 1,2-Dichloropropane	7.428	63	96647	51.088	ug/l	99
46) Dibromomethane	7.580	93	71378	51.717	ug/l	99
47) Bromodichloromethane	7.824	83	135111	54.619	ug/l	98
48) Methyl methacrylate	7.690	41	110807	52.488	ug/l #	86
49) 1,4-Dioxane	7.659	88	57046	1084.876	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	770755	270.438	ug/l	97
52) Toluene	8.720	92	238809	52.349	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	138163	55.260	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	147062	53.933	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	103383	52.703	ug/l	96
56) Ethyl methacrylate	9.116	69	161782	54.880	ug/l	94
57) 1,3-Dichloropropane	9.311	76	169375	51.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	389134	273.497	ug/l	97
59) 2-Hexanone	9.433	43	602809	275.751	ug/l	96
60) Dibromochloromethane	9.519	129	105432	55.374	ug/l	100
61) 1,2-Dibromoethane	9.610	107	111027	53.676	ug/l	99
64) Tetrachloroethene	9.275	164	78924	50.648	ug/l	98
65) Chlorobenzene	10.080	112	260590	49.691	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	95342	52.094	ug/l	98
67) Ethyl Benzene	10.195	91	478944	51.357	ug/l	100
68) m/p-Xylenes	10.299	106	368757	103.774	ug/l	99
69) o-Xylene	10.640	106	183513	52.081	ug/l	100
70) Styrene	10.659	104	308417	53.054	ug/l	97
71) Bromoform	10.799	173	77099	55.108	ug/l #	99
73) Isopropylbenzene	10.964	105	475522	49.109	ug/l	99
74) N-amyl acetate	10.842	43	218309	51.072	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	177408	48.323	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	138753m	47.705	ug/l	
77) Bromobenzene	11.201	156	114395	49.226	ug/l	94
78) n-propylbenzene	11.305	91	573511	51.317	ug/l	99
79) 2-Chlorotoluene	11.366	91	342364	49.814	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	419207	51.250	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	45409	48.796	ug/l	94
82) 4-Chlorotoluene	11.457	91	396185	50.648	ug/l	98
83) tert-Butylbenzene	11.713	119	409022	50.150	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	419281	51.036	ug/l	98
85) sec-Butylbenzene	11.890	105	518973	51.338	ug/l	99
86) p-Isopropyltoluene	12.012	119	426233	51.203	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	217145	49.180	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	219433	48.817	ug/l	99
89) n-Butylbenzene	12.335	91	392022	52.607	ug/l	97
90) Hexachloroethane	12.536	117	76562	54.400	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	217167	48.368	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39068	50.668	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	130495	50.039	ug/l	96
94) Hexachlorobutadiene	13.725	225	53316	47.172	ug/l	99
95) Naphthalene	13.774	128	473911	50.202	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	133500	49.642	ug/l	99

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VSTDCCC050

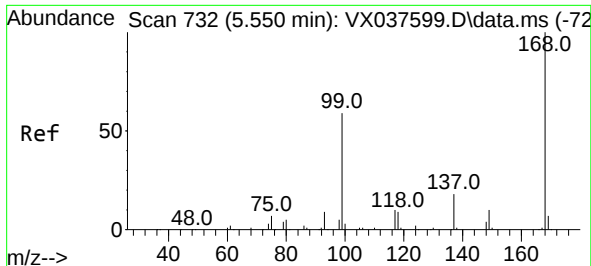
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 09:13:03 2023
Response via : Initial Calibration

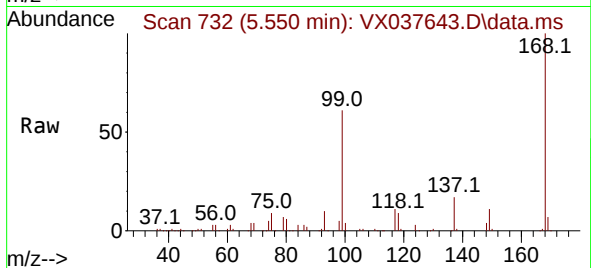
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037643.D
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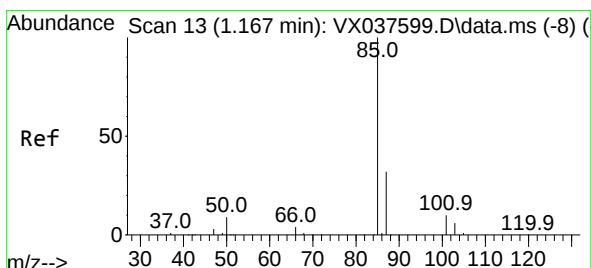
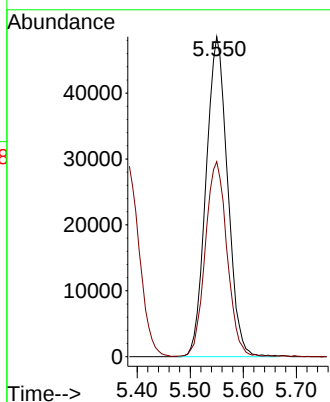
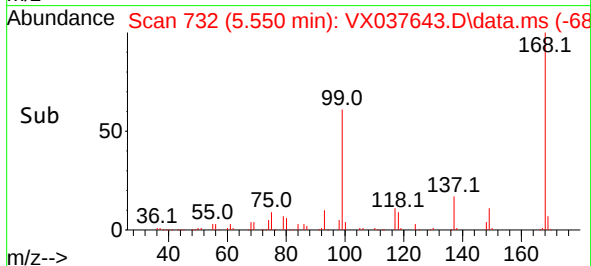
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



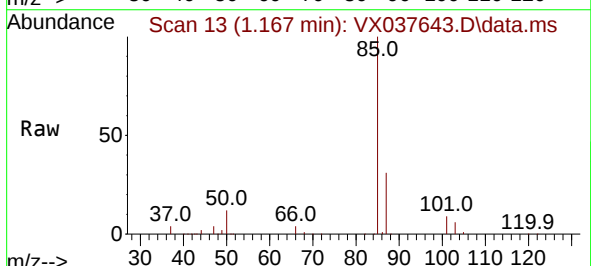
Tgt Ion:168 Resp: 137100
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0

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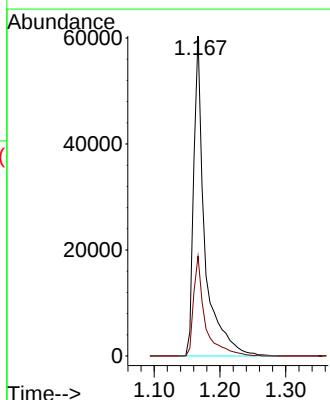
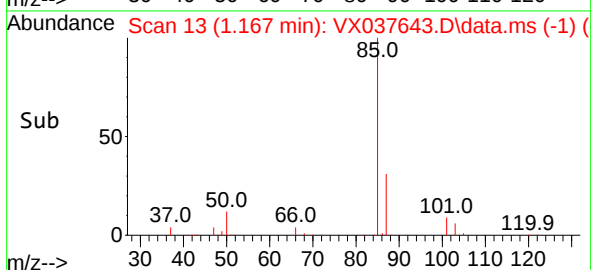
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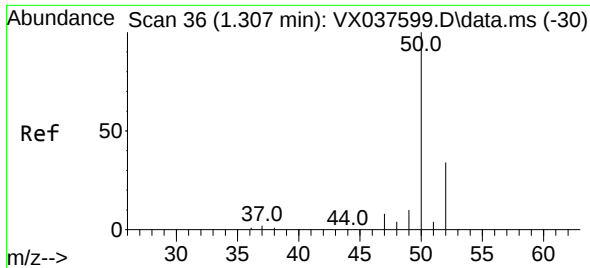


#2
Dichlorodifluoromethane
Concen: 48.306 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44



Tgt Ion: 85 Resp: 70809
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.1





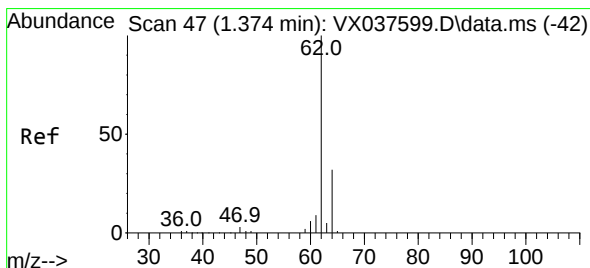
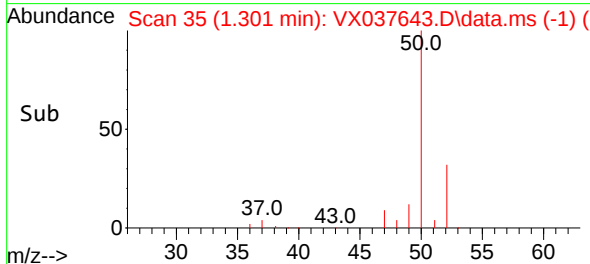
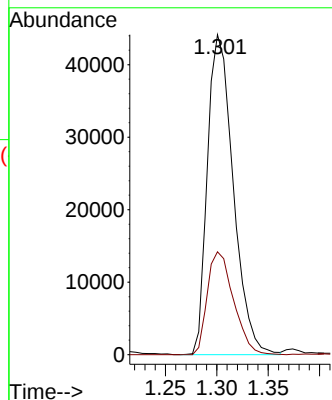
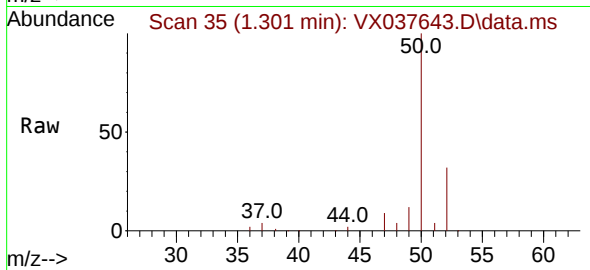
#3
Chloromethane
Concen: 44.992 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 77352
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3

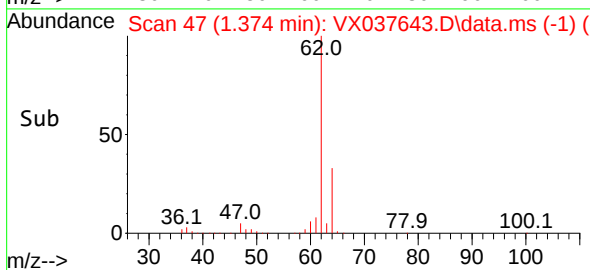
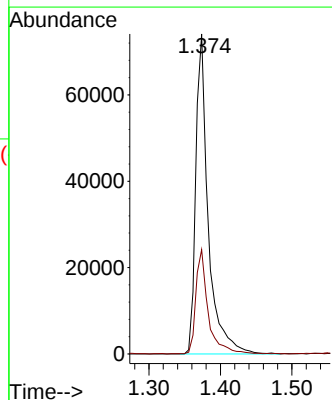
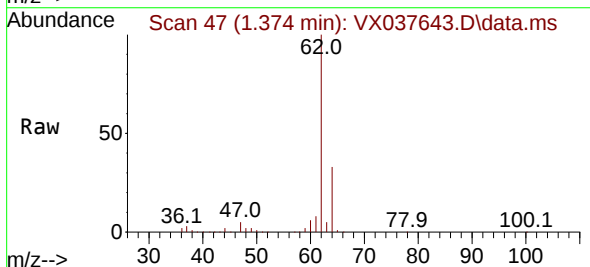
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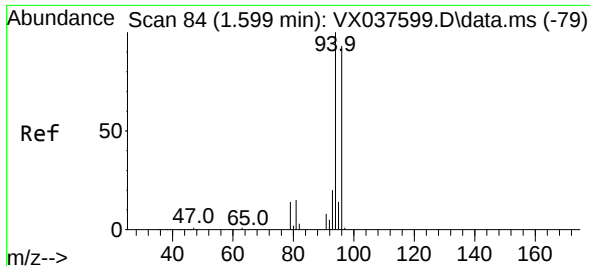
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#4
Vinyl Chloride
Concen: 47.260 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

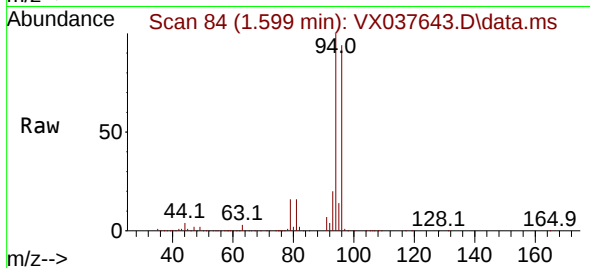
Tgt Ion: 62 Resp: 89420
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 57.585 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

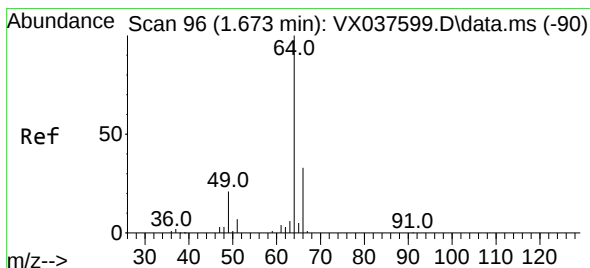
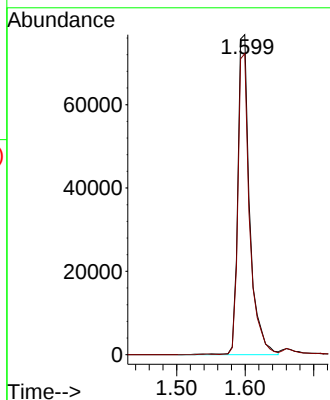
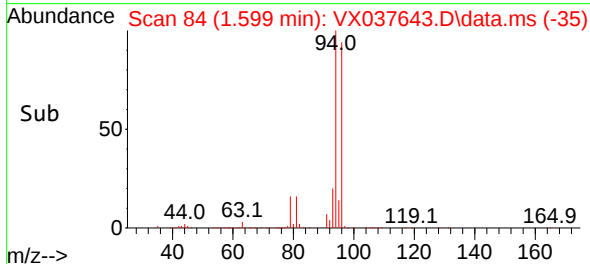
Instrument :
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Tgt Ion: 94 Resp: 92785
Ion Ratio Lower Upper
94 100
96 94.1 74.6 111.8

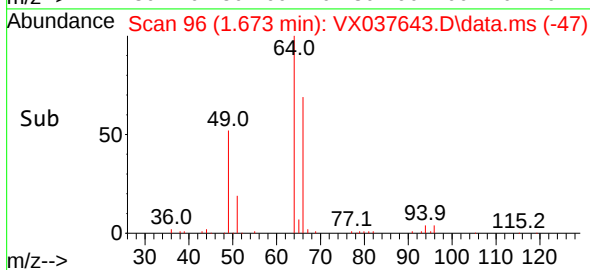
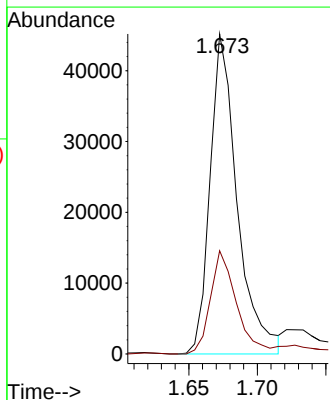
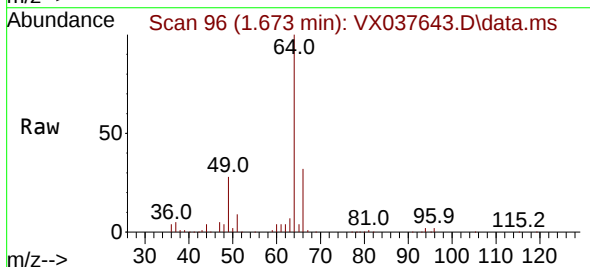
Manual Integrations
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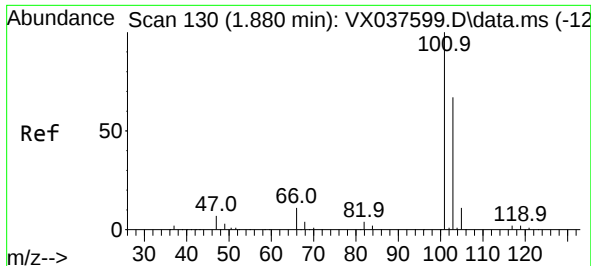
Reviewed By :John Carlone 09/12/2023
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#6
Chloroethane
Concen: 48.383 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

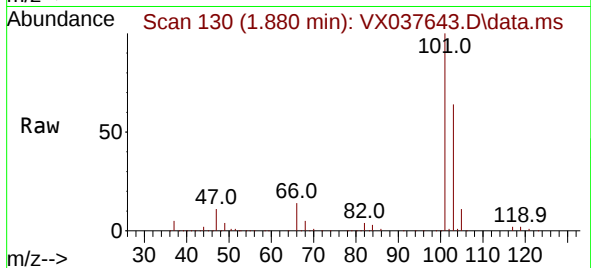
Tgt Ion: 64 Resp: 62246
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.792 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

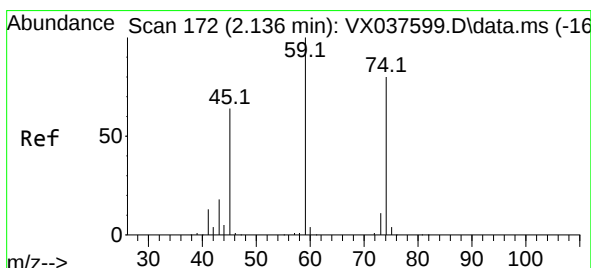
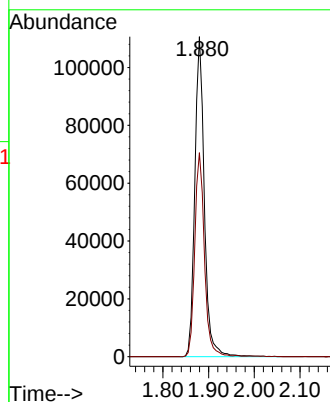
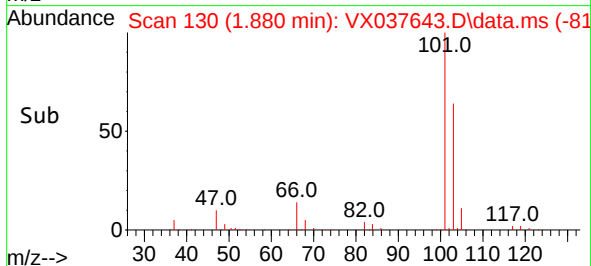
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 15978
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

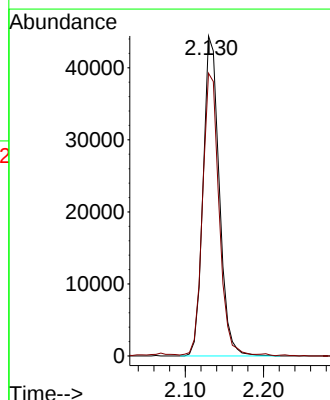
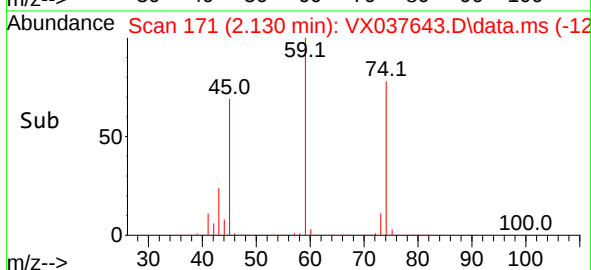
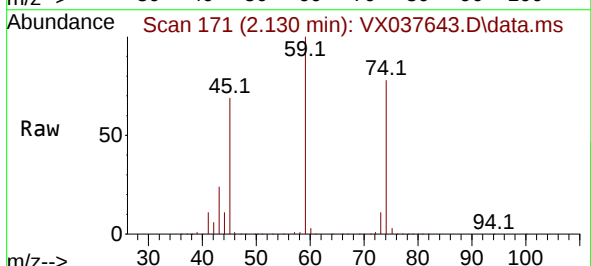
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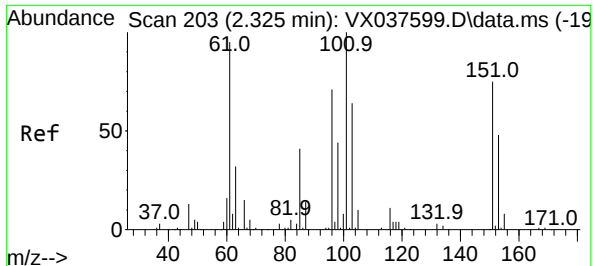
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#8
Diethyl Ether
Concen: 48.939 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion: 74 Resp: 63464
Ion Ratio Lower Upper
74 100
45 89.5 53.3 159.8





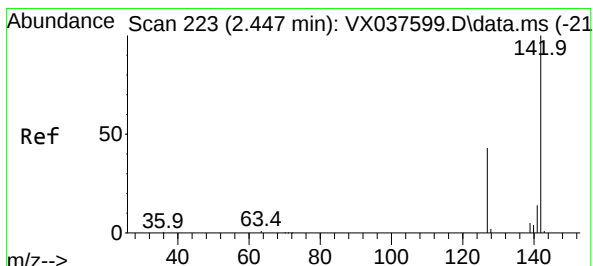
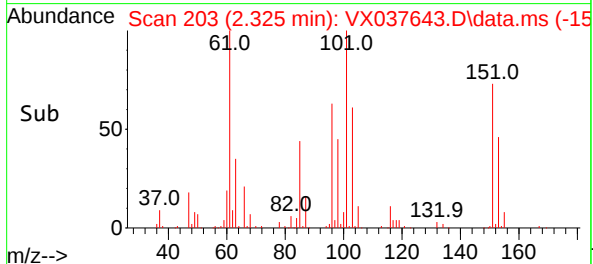
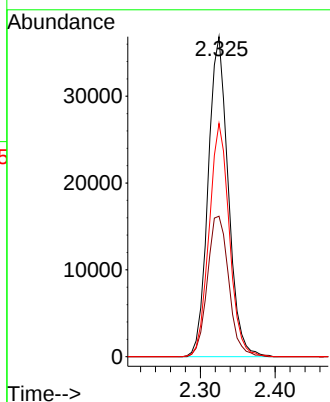
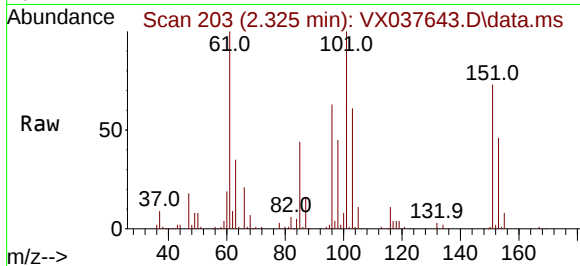
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.491 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 68820
Ion Ratio Lower Upper
101 100
85 46.8 37.0 55.6
151 73.4 58.6 87.8

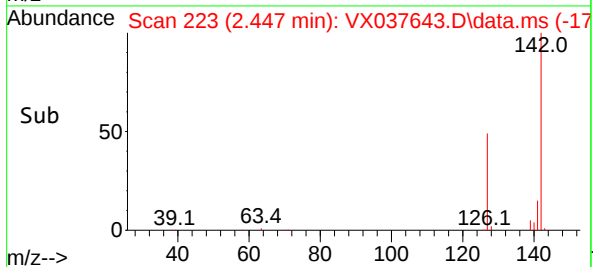
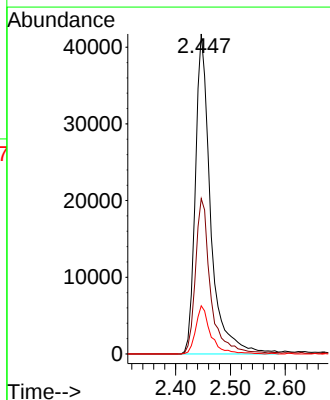
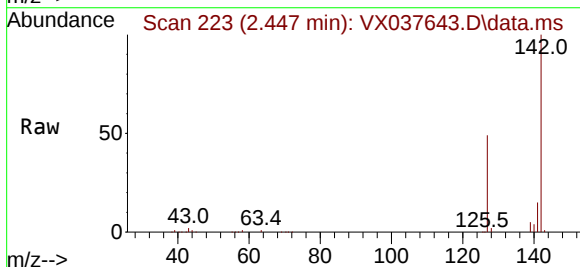
Manual Integrations
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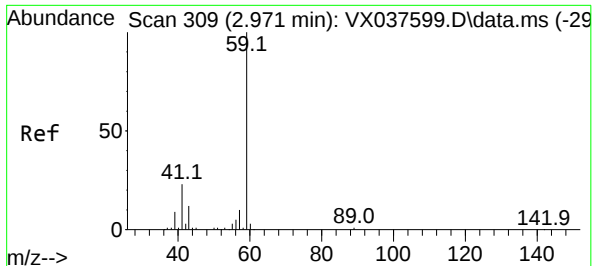
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#10
Methyl Iodide
Concen: 48.039 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion:142 Resp: 81052
Ion Ratio Lower Upper
142 100
127 48.0 41.6 62.4
141 14.7 11.6 17.4





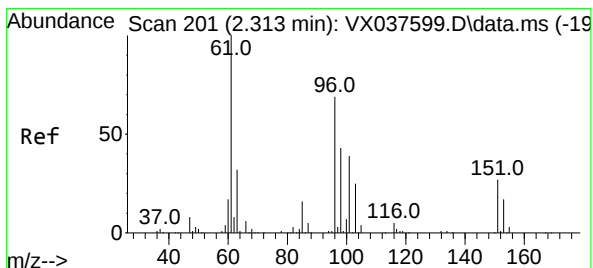
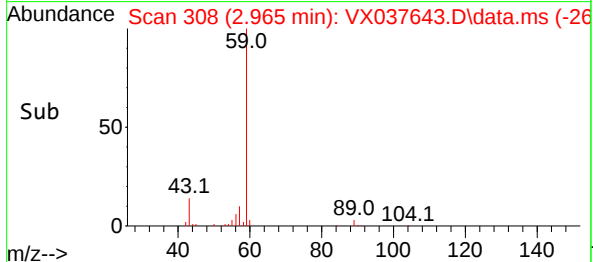
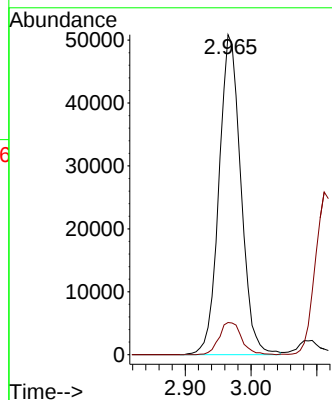
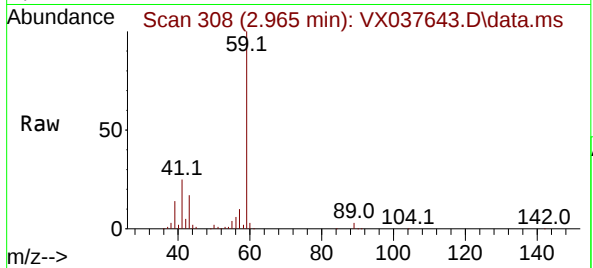
#11
Tert butyl alcohol
Concen: 256.695 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 11773
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

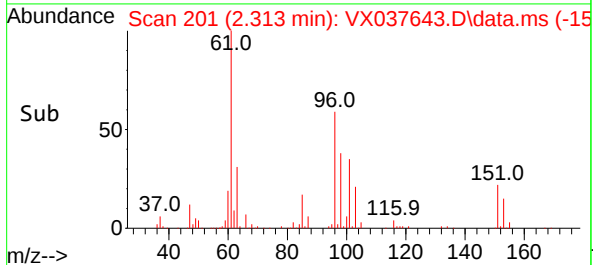
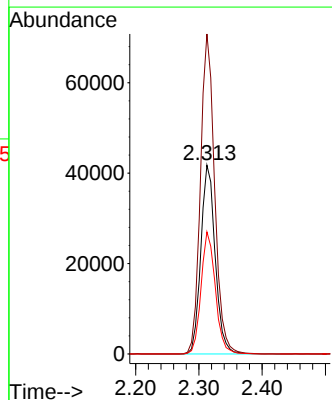
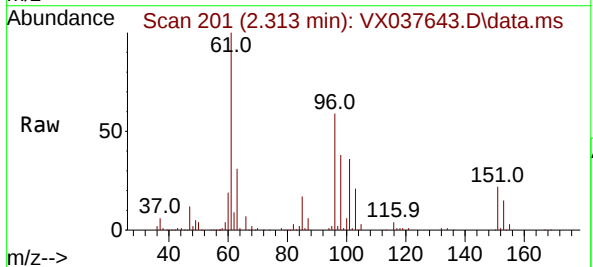
Manual Integrations
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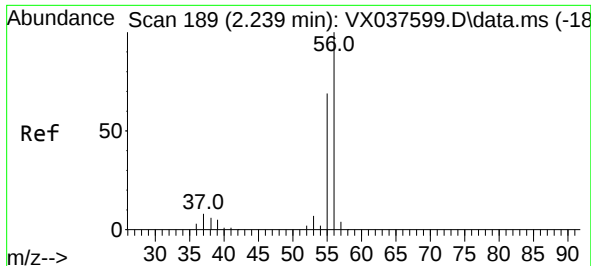
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#12
1,1-Dichloroethene
Concen: 47.526 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

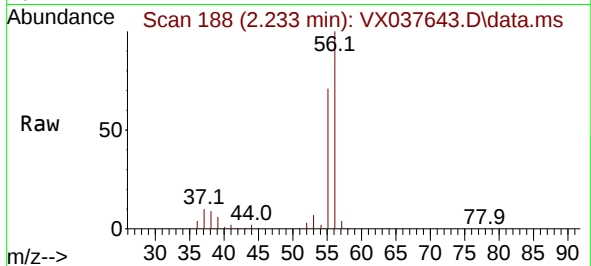
Tgt Ion: 96 Resp: 66269
Ion Ratio Lower Upper
96 100
61 169.5 144.6 216.8
98 64.7 50.4 75.6





#13
Acrolein
Concen: 261.774 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

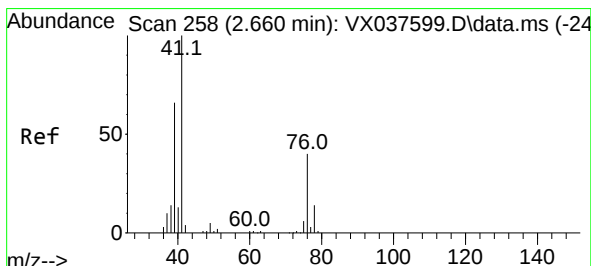
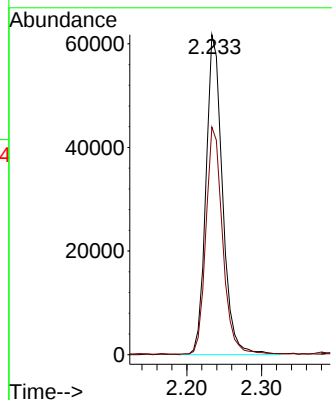
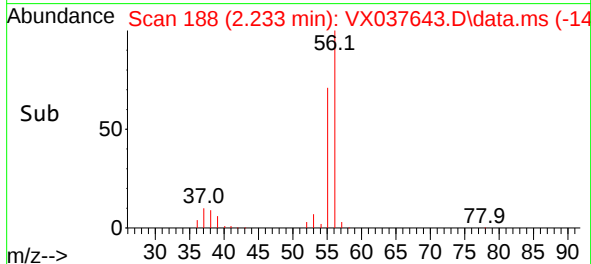
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 94872
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7

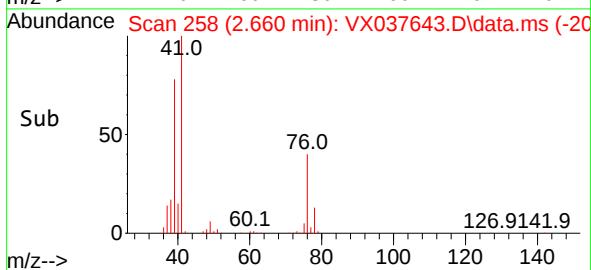
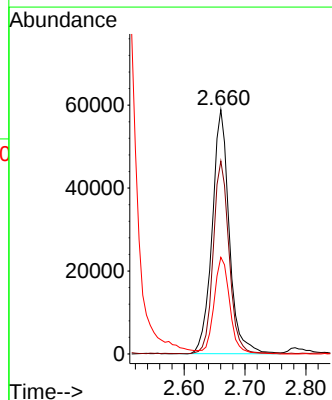
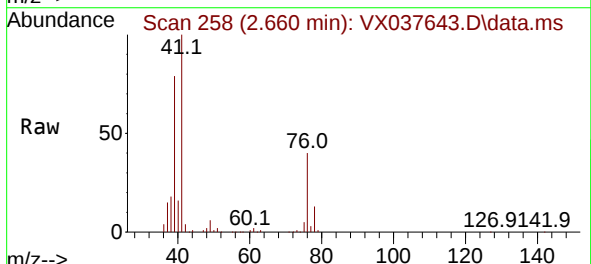
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APPROVED

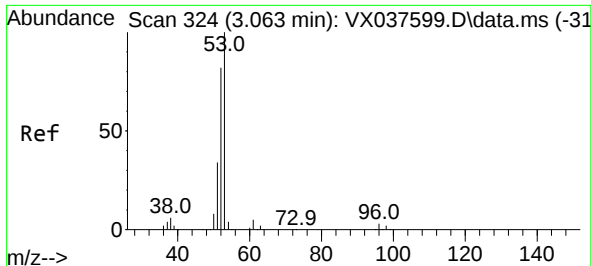
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#14
Allyl chloride
Concen: 46.383 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

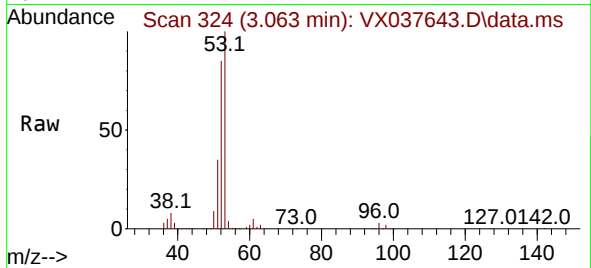
Tgt Ion: 41 Resp: 115085
Ion Ratio Lower Upper
41 100
39 72.8 55.8 83.6
76 36.6 24.3 36.5





#15
Acrylonitrile
Concen: 246.571 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

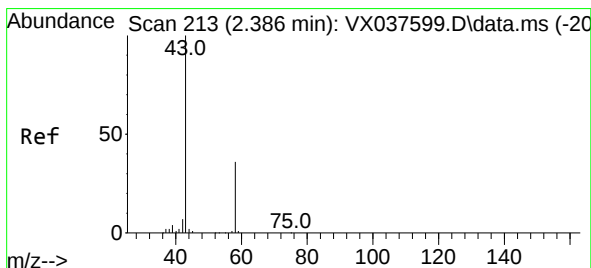
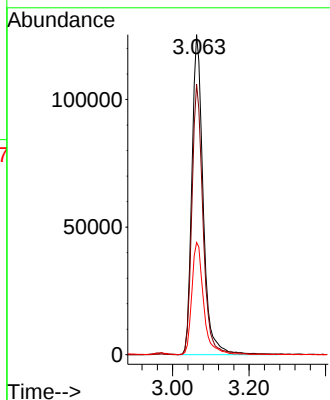
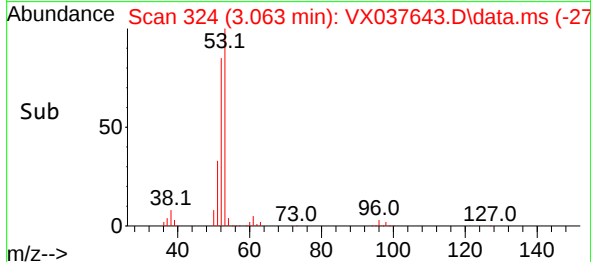
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 25722
Ion Ratio Lower Upper
53 100
52 83.4 66.0 99.0
51 36.7 29.8 44.6

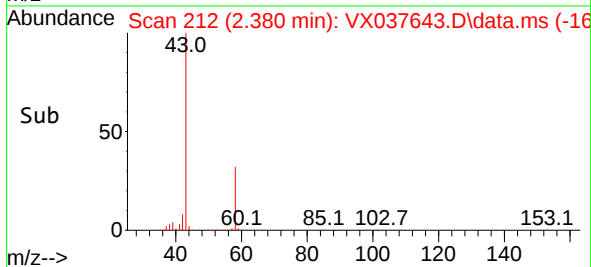
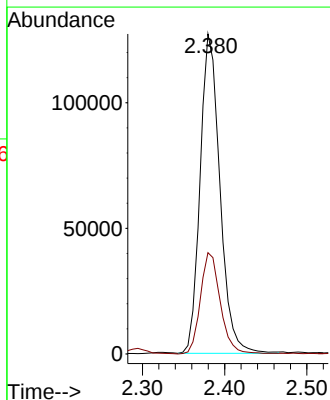
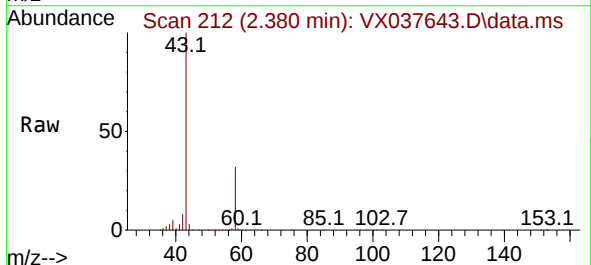
Manual Integrations
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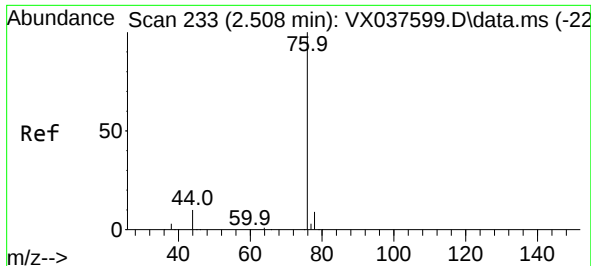
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#16
Acetone
Concen: 232.658 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion: 43 Resp: 213339
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9





#17

Carbon Disulfide

Concen: 47.411 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 170414

Ion Ratio Lower Upper

76 100

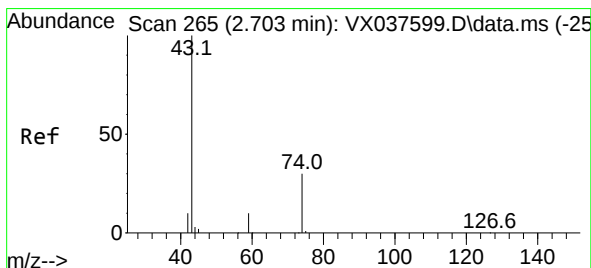
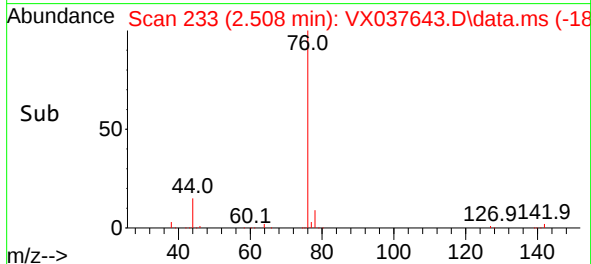
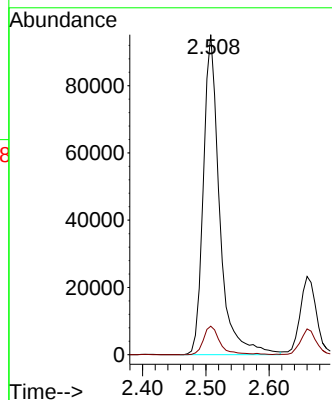
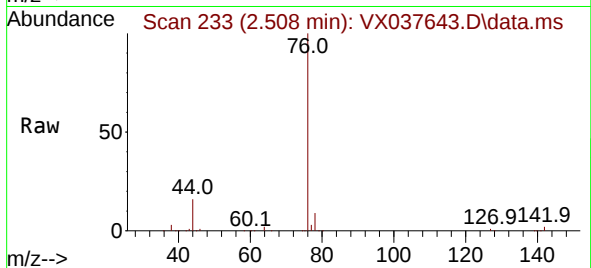
78 8.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#18

Methyl Acetate

Concen: 47.655 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037643.D

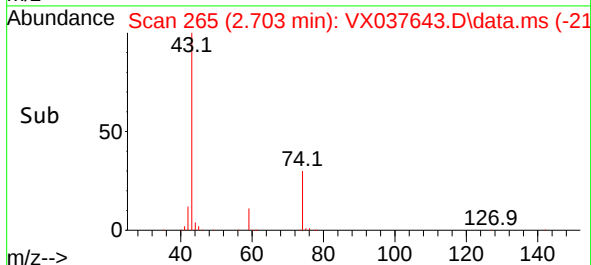
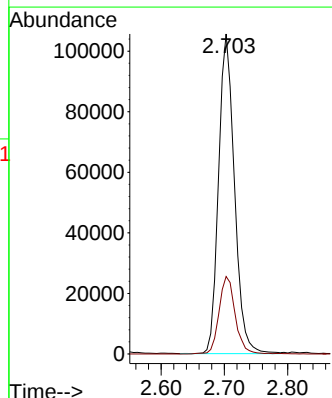
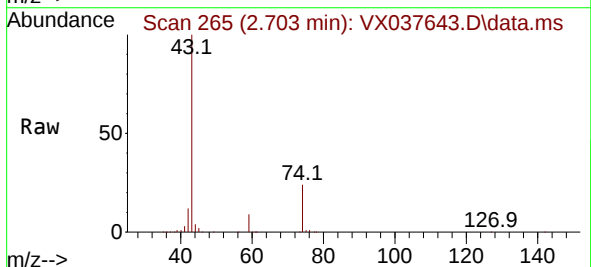
Acq: 11 Sep 2023 15:44

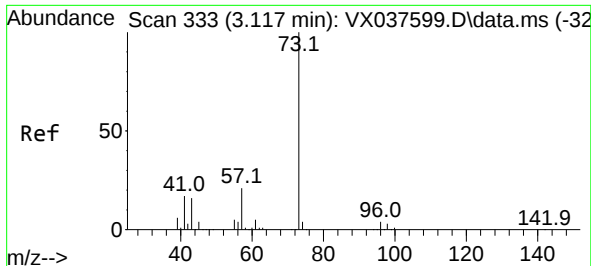
Tgt Ion: 43 Resp: 183143

Ion Ratio Lower Upper

43 100

74 24.8 17.8 26.8





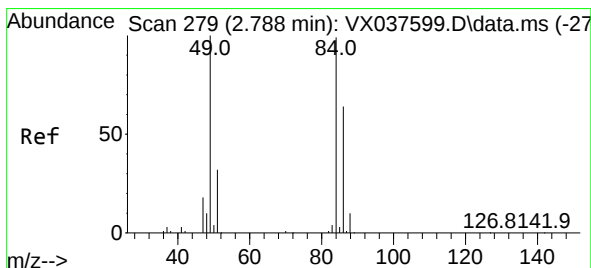
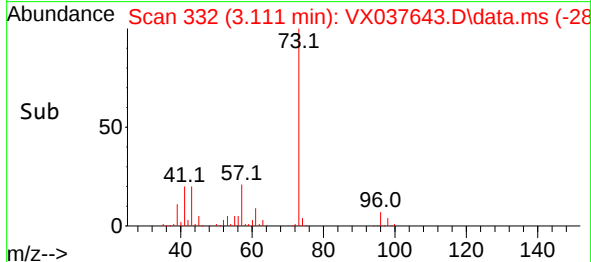
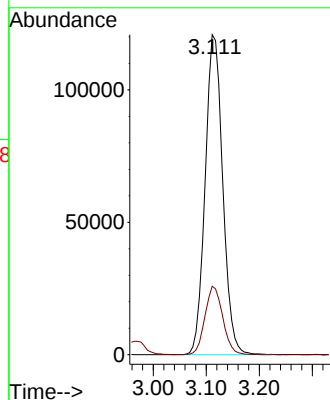
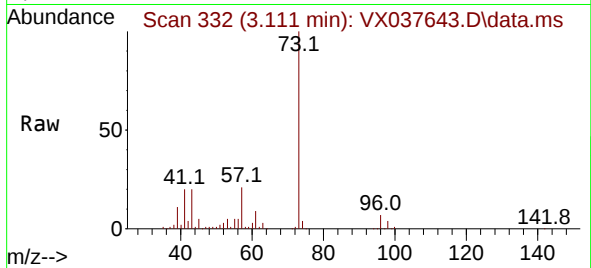
#19
Methyl tert-butyl Ether
Concen: 49.517 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 278724
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

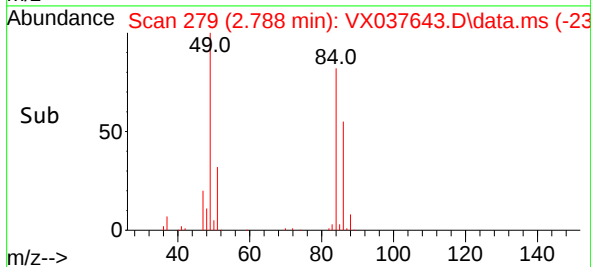
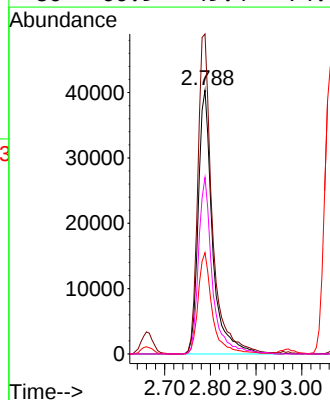
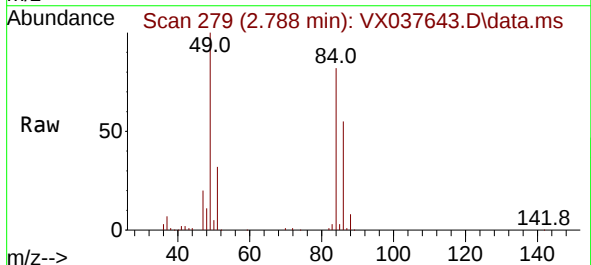
Manual Integrations
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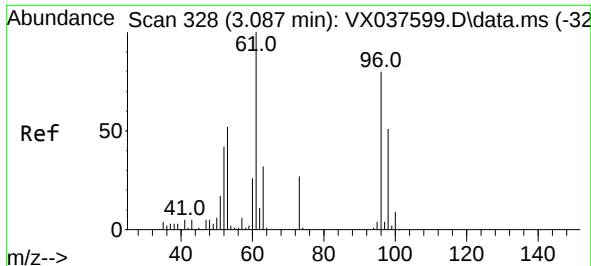
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#20
Methylene Chloride
Concen: 50.575 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

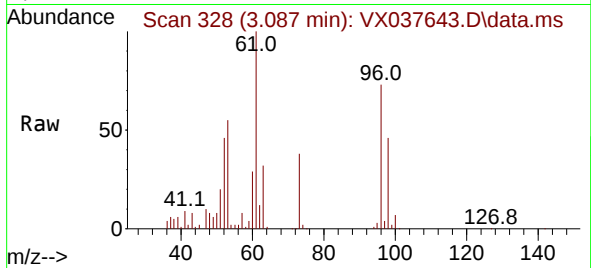
Tgt Ion: 84 Resp: 87705
Ion Ratio Lower Upper
84 100
49 121.4 103.6 155.4
51 38.4 33.8 50.6
86 66.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.560 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

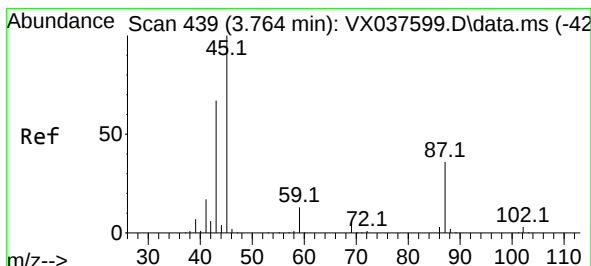
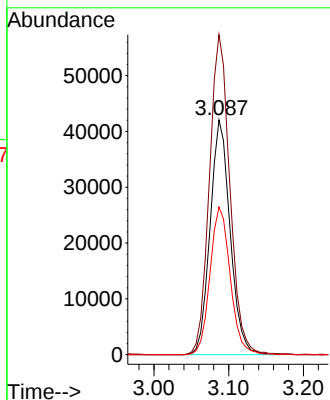
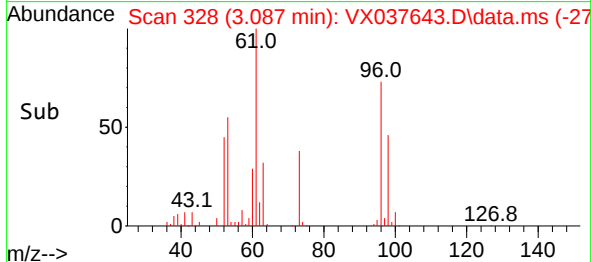
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 78640
Ion Ratio Lower Upper
96 100
61 136.3 119.2 178.8
98 62.9 48.7 73.1

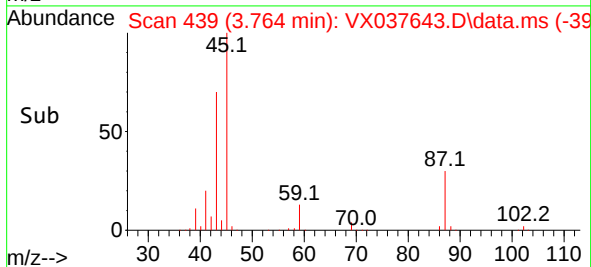
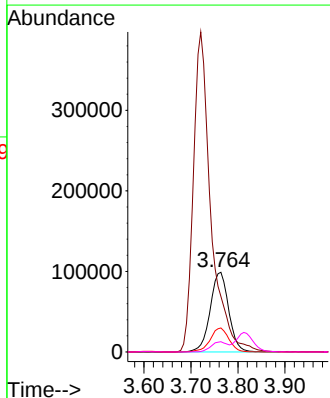
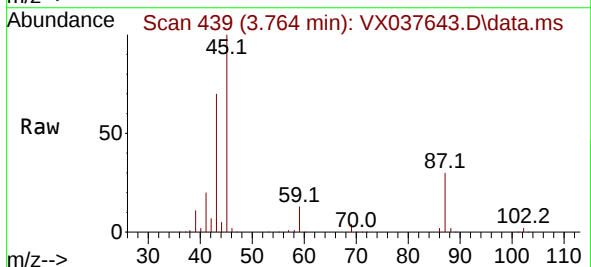
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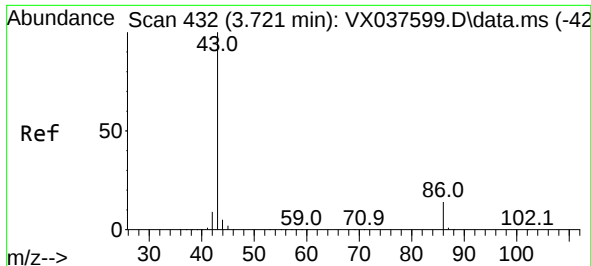
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#22
Diisopropyl ether
Concen: 49.944 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion: 45 Resp: 270479
Ion Ratio Lower Upper
45 100
43 69.2 69.7 104.5#
87 30.1 20.8 31.2
59 13.0 9.0 13.4





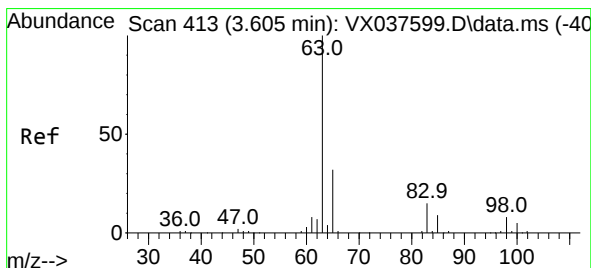
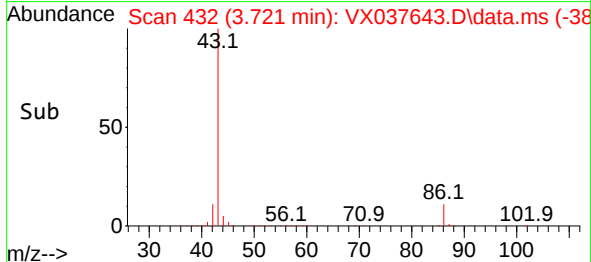
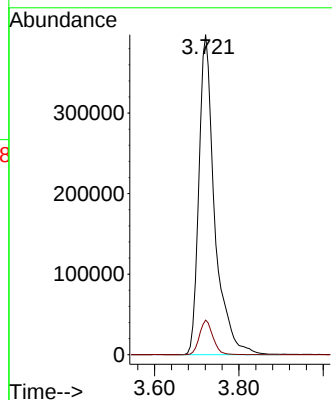
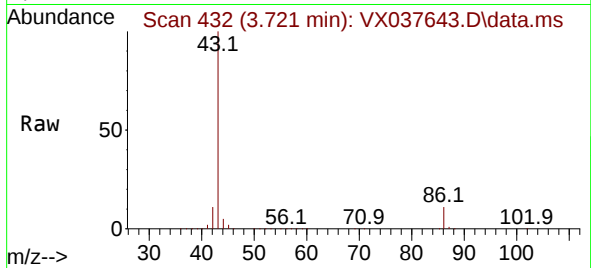
#23
 Vinyl Acetate
 Concen: 260.621 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037643.D
 Acq: 11 Sep 2023 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1035538
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

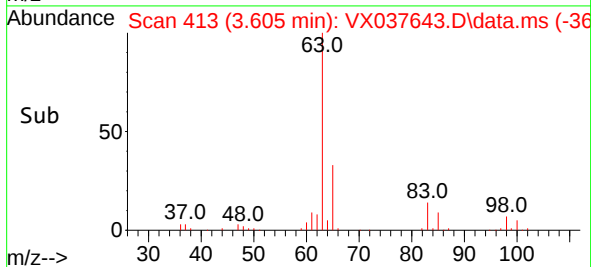
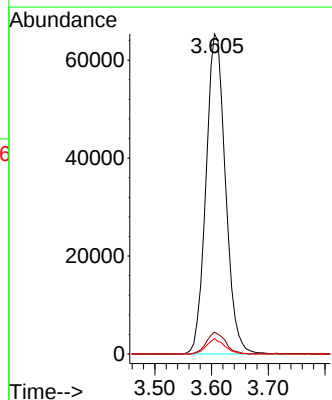
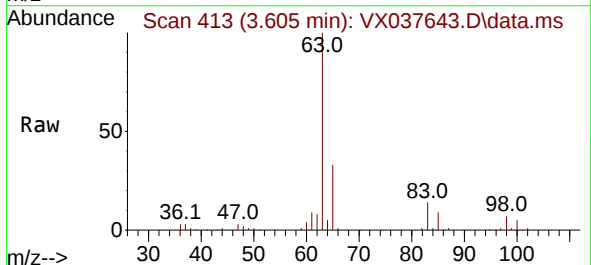
Manual Integrations
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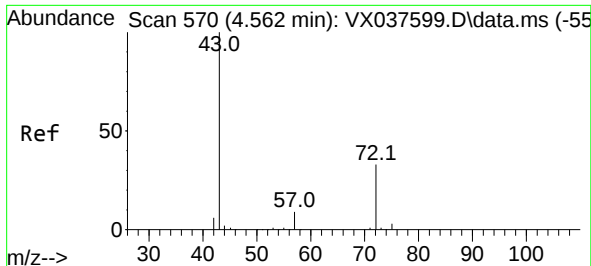
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#24
 1,1-Dichloroethane
 Concen: 49.209 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037643.D
 Acq: 11 Sep 2023 15:44

Tgt Ion: 63 Resp: 155909
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.8 2.1 6.5





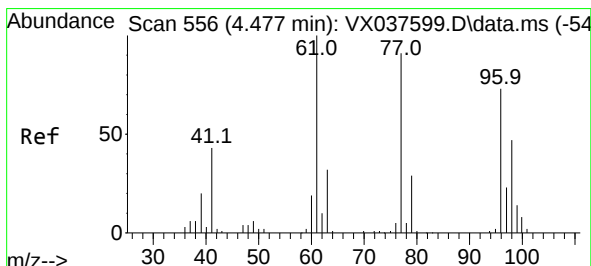
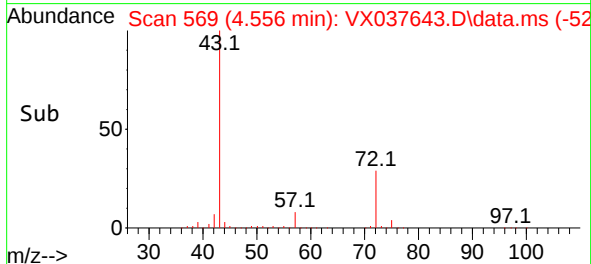
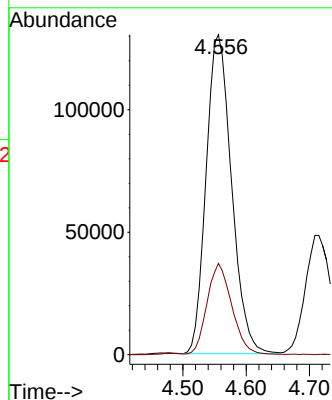
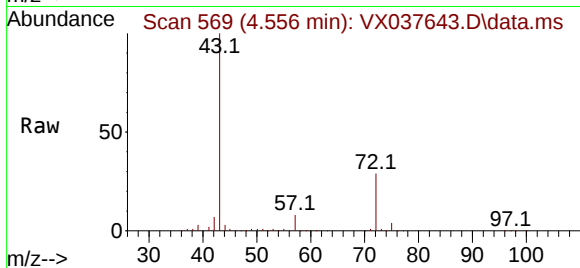
#25
2-Butanone
Concen: 247.397 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 364240
Ion Ratio Lower Upper
43 100
72 28.5 19.4 29.2

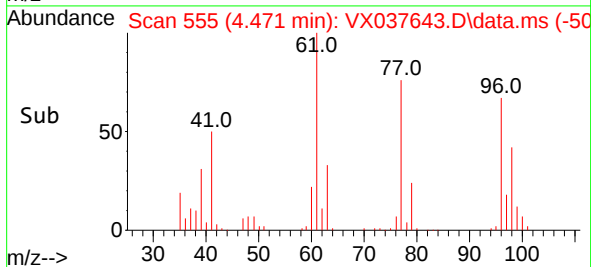
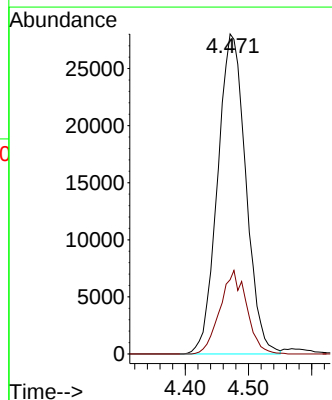
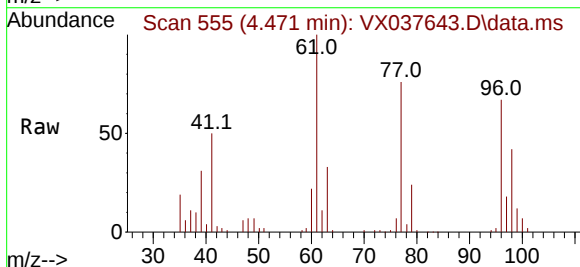
Manual Integrations
APPROVED

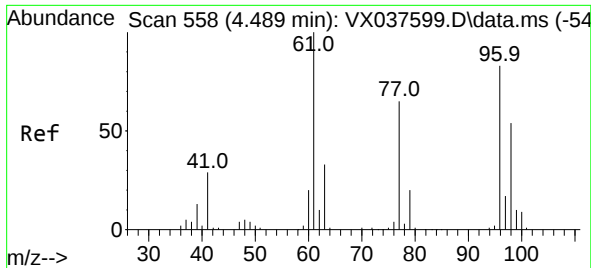
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#26
2,2-Dichloropropane
Concen: 39.612 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

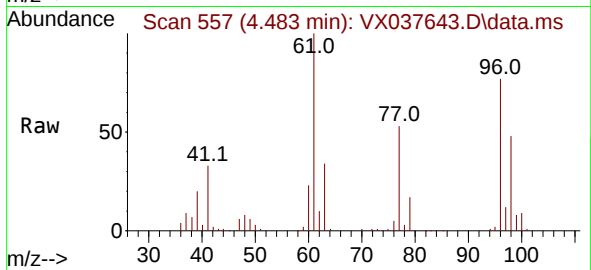
Tgt Ion: 77 Resp: 86901
Ion Ratio Lower Upper
77 100
97 24.6 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 49.657 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX037643.D
 Acq: 11 Sep 2023 15:44

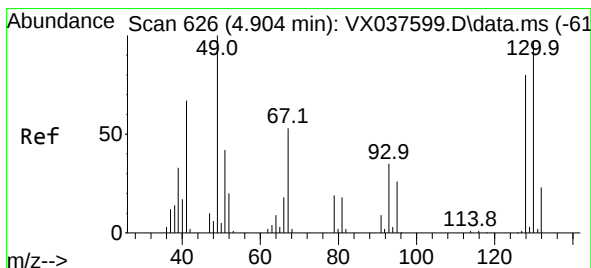
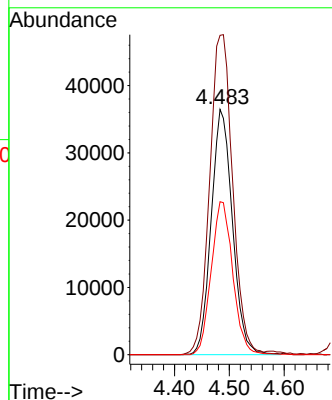
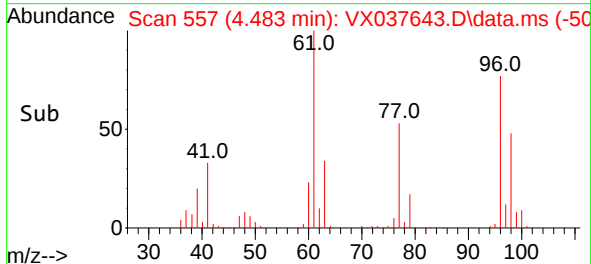
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 9818
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 312.2
 98 63.3 0.0 129.0

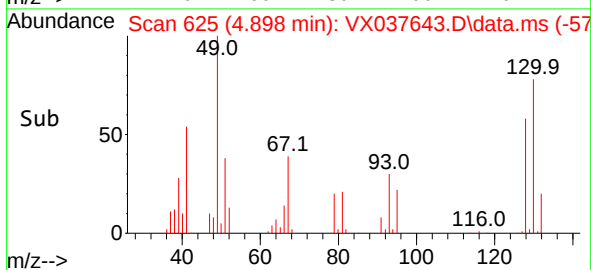
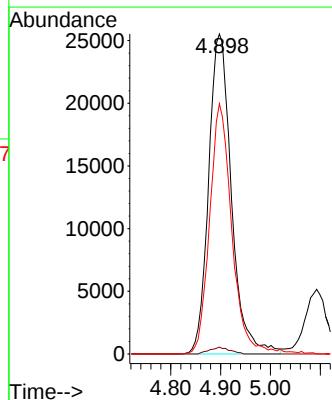
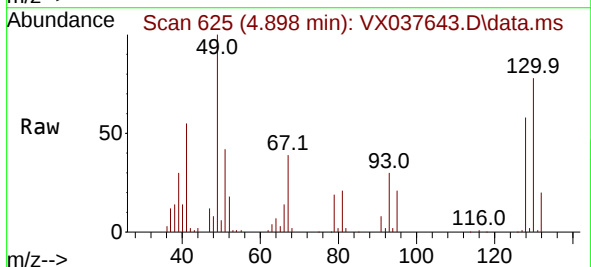
Manual Integrations
 APPROVED

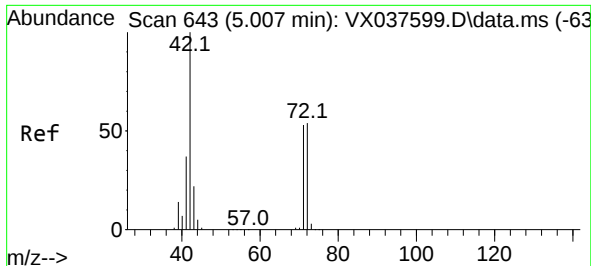
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#28
 Bromochloromethane
 Concen: 50.411 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX037643.D
 Acq: 11 Sep 2023 15:44

Tgt Ion: 49 Resp: 80989
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 76.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 250.921 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 23828

Ion Ratio Lower Upper

42 100

72 48.7 34.2 51.4

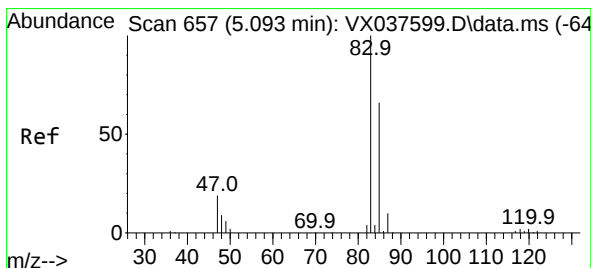
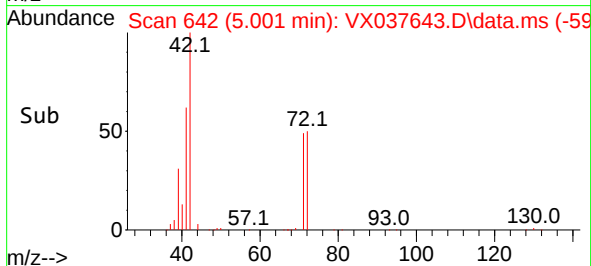
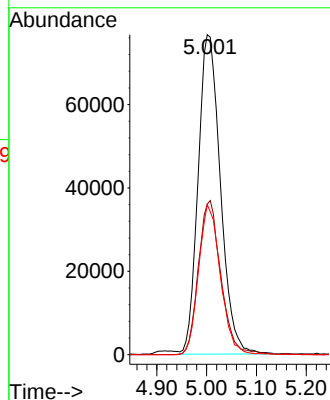
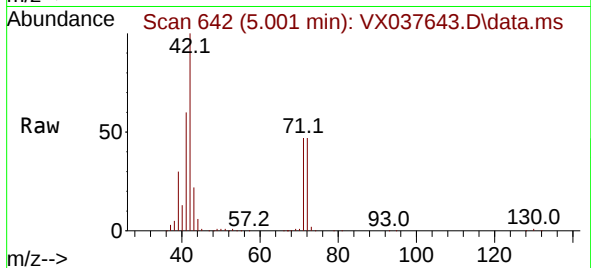
71 46.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#30

Chloroform

Concen: 50.048 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037643.D

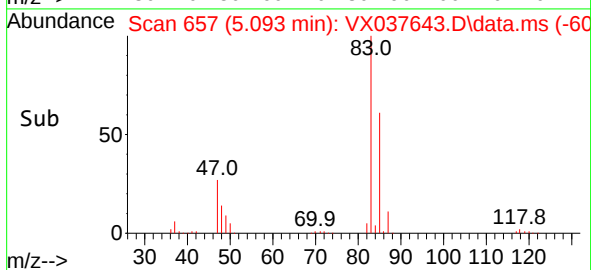
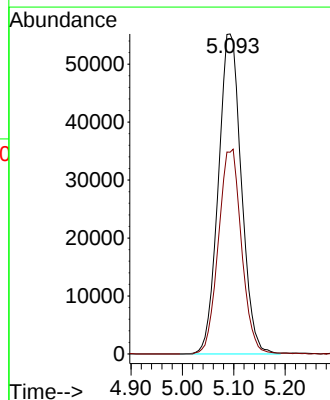
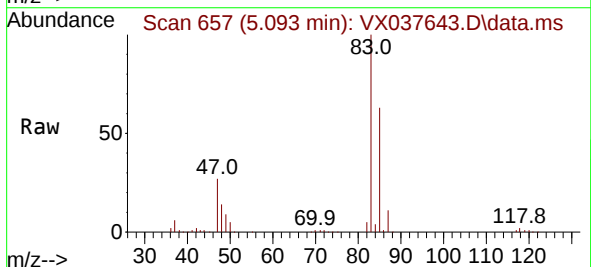
Acq: 11 Sep 2023 15:44

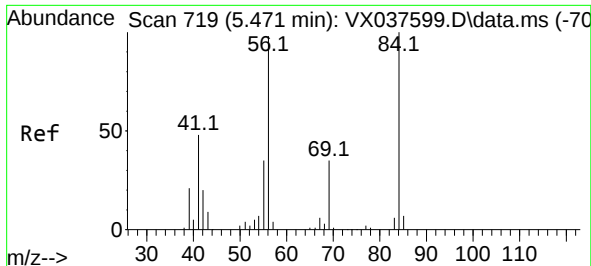
Tgt Ion: 83 Resp: 171922

Ion Ratio Lower Upper

83 100

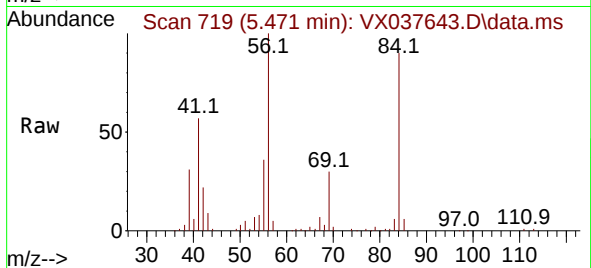
85 63.0 50.3 75.5





#31
Cyclohexane
Concen: 49.499 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

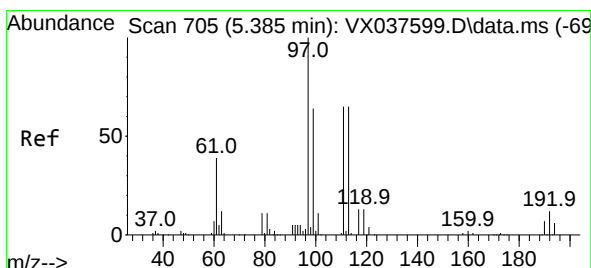
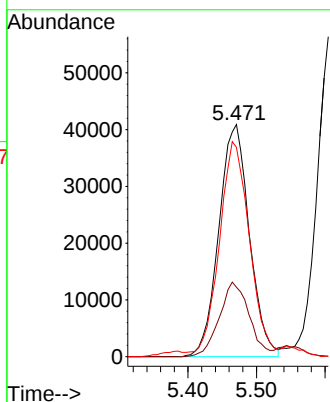
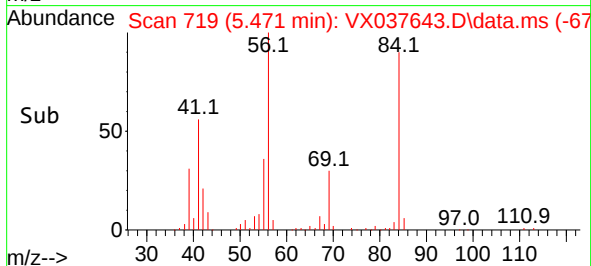
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 126434
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 87.7 65.9 98.9

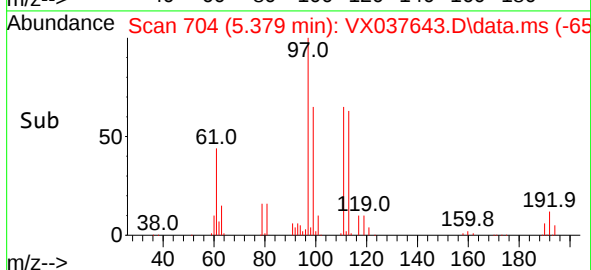
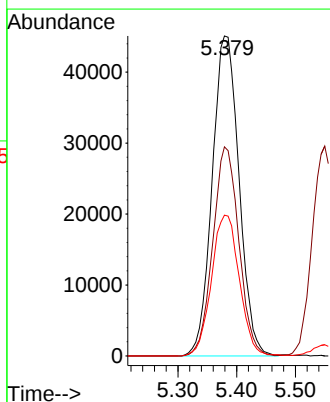
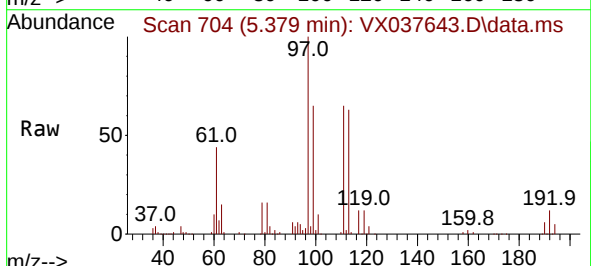
Manual Integrations
APPROVED

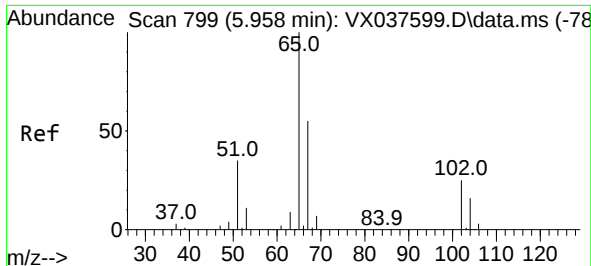
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#32
1,1,1-Trichloroethane
Concen: 49.586 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion: 97 Resp: 143072
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 45.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.262 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 11149

Ion Ratio Lower Upper

65 100

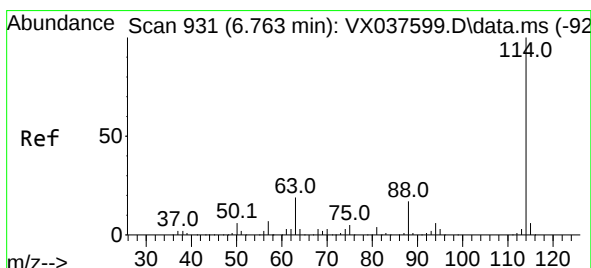
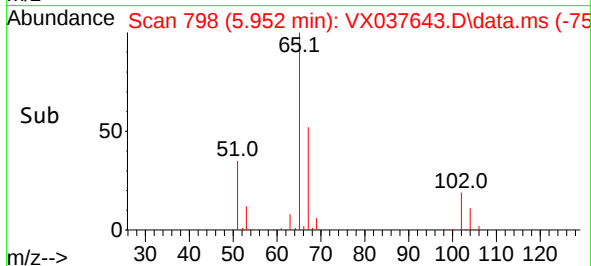
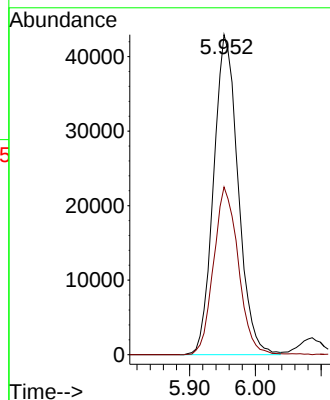
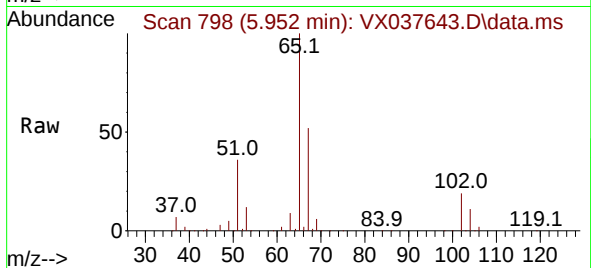
67 52.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

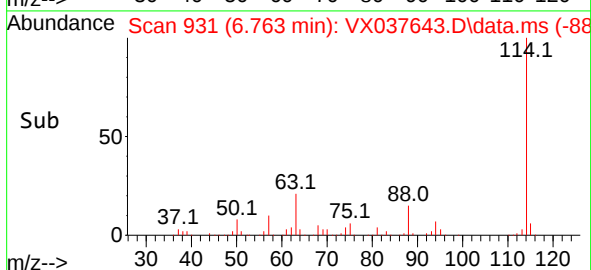
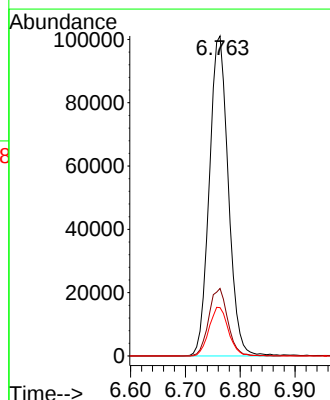
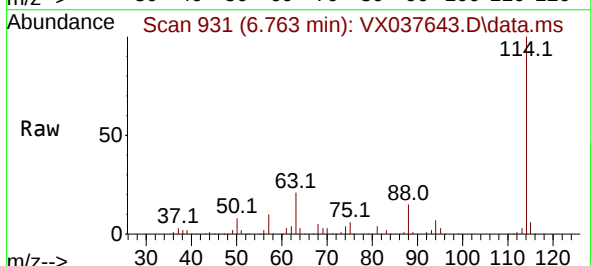
Tgt Ion:114 Resp: 242569

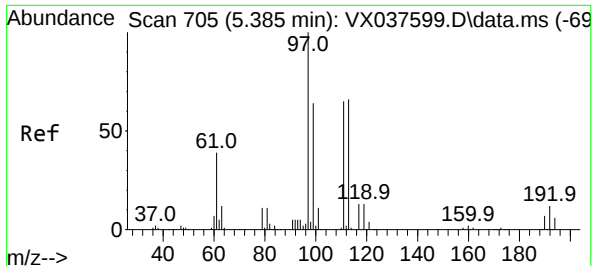
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

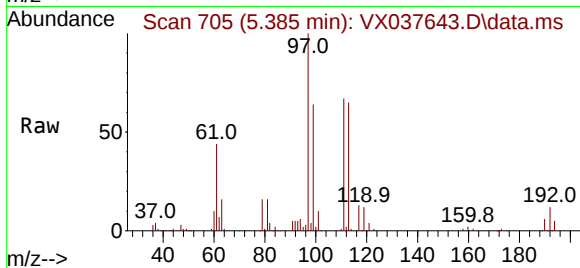
88 15.1 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.068 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

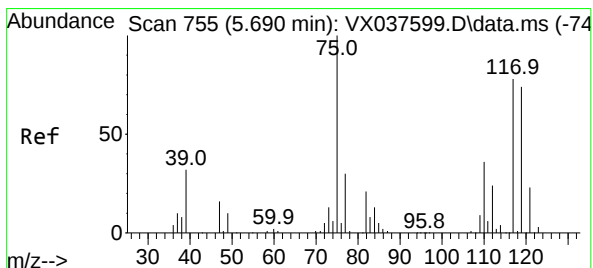
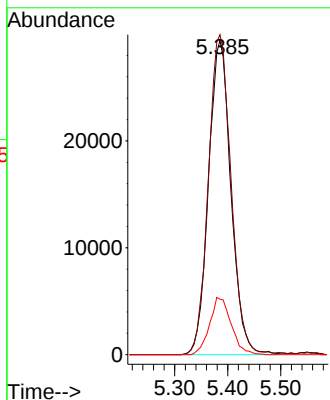
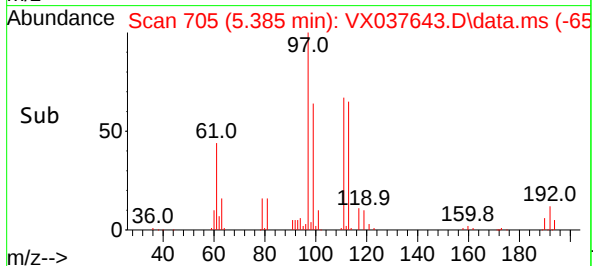
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



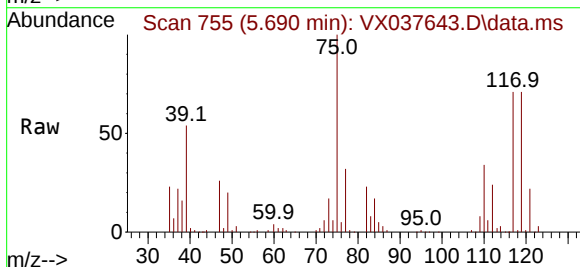
Tgt Ion: 113 Resp: 86085
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 17.6 13.3 19.9

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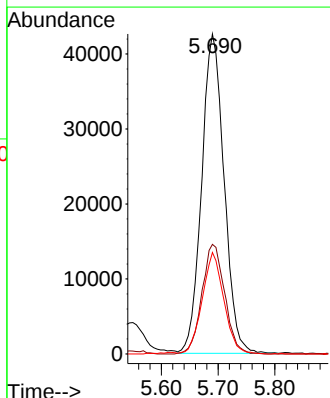
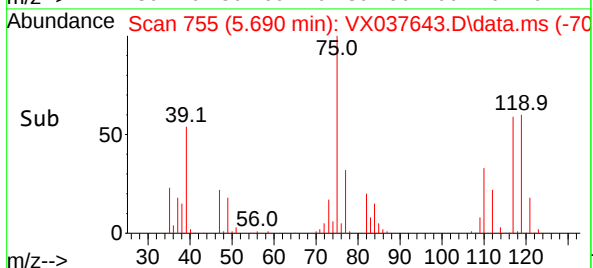
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

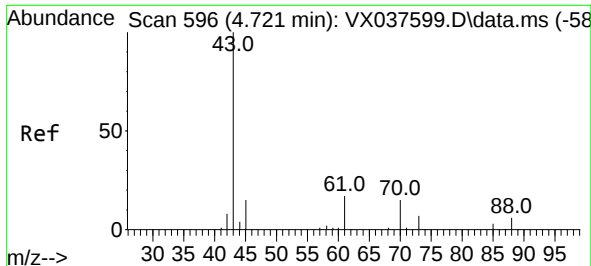


#36
1,1-Dichloropropene
Concen: 49.346 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44



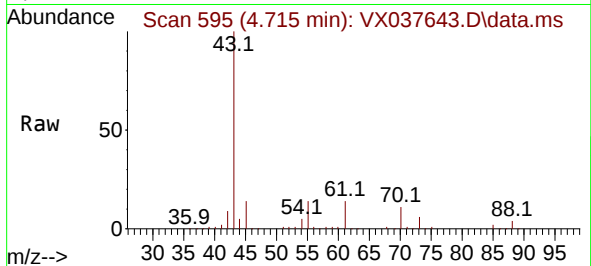
Tgt Ion: 75 Resp: 117001
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 30.7 24.7 37.1





#37
Ethyl Acetate
Concen: 51.833 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

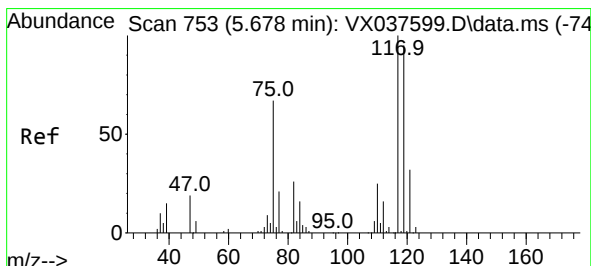
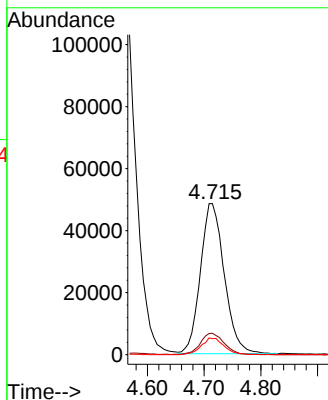
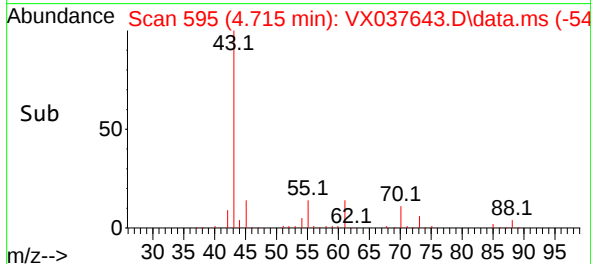
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 141733
Ion Ratio Lower Upper
43 100
61 14.4 10.6 16.0
70 10.6 8.3 12.5

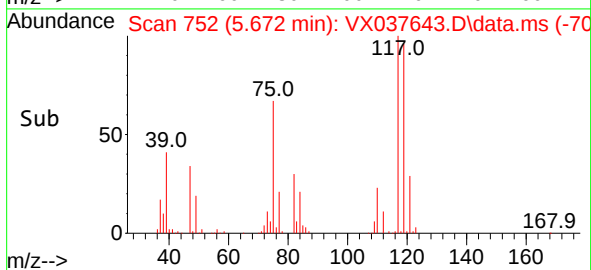
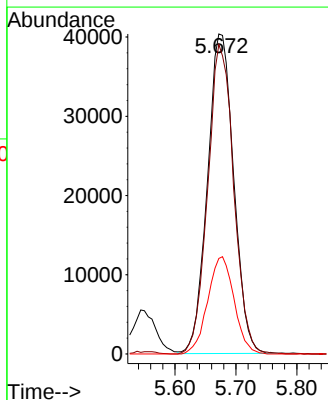
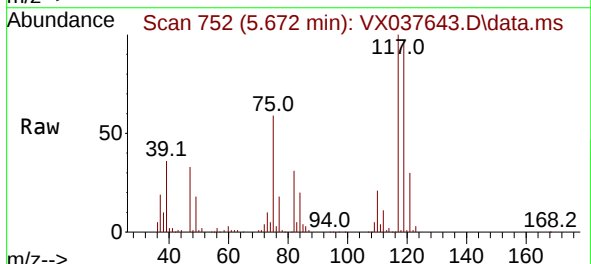
Manual Integrations
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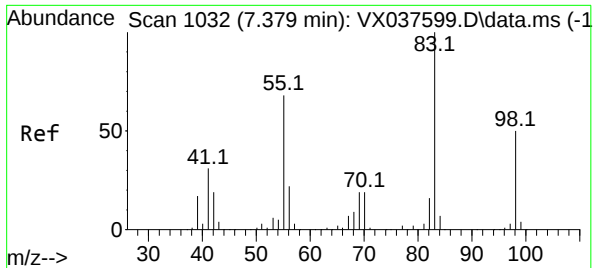
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#38
Carbon Tetrachloride
Concen: 51.023 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion:117 Resp: 120824
Ion Ratio Lower Upper
117 100
119 96.9 78.2 117.2
121 29.9 24.4 36.6





#39
Methylcyclohexane
Concen: 51.133 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

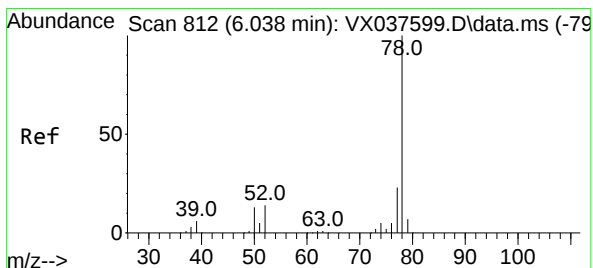
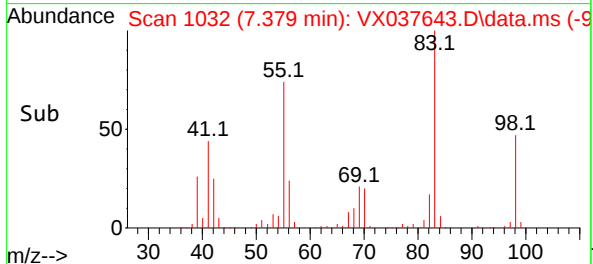
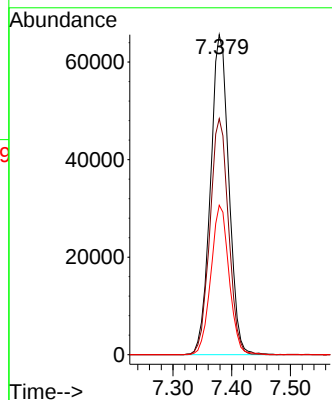
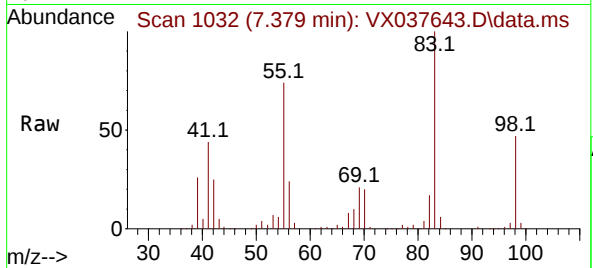
VSTDCCC050

Tgt Ion: 83 Resp: 142598
Ion Ratio Lower Upper
83 100
55 73.7 64.6 97.0
98 46.7 36.7 55.1

Manual Integrations

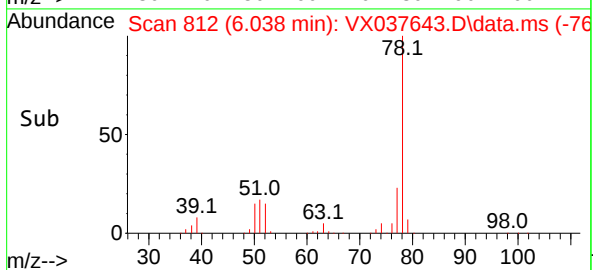
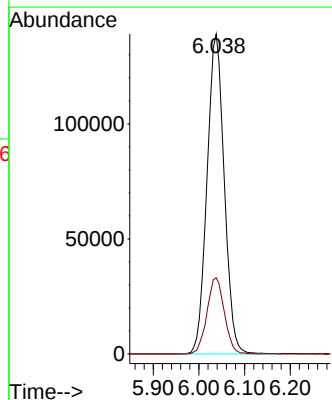
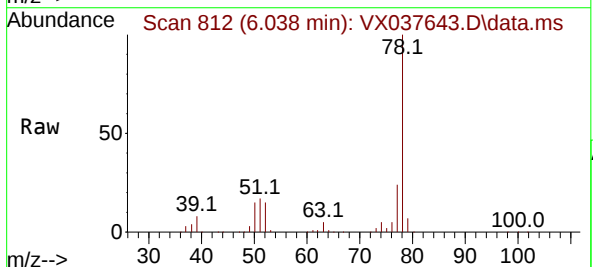
APPROVED

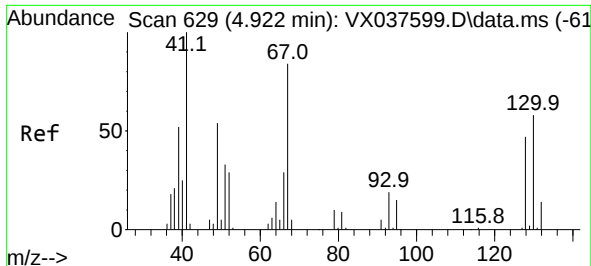
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#40
Benzene
Concen: 50.465 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion: 78 Resp: 363828
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 50.536 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

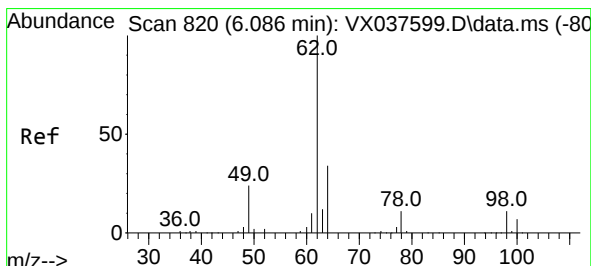
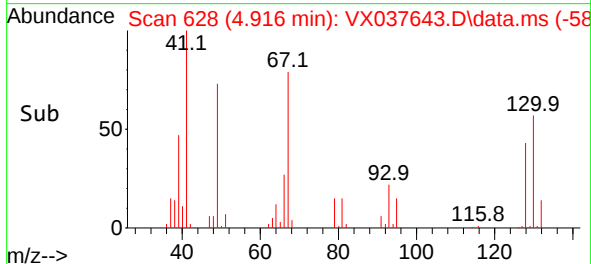
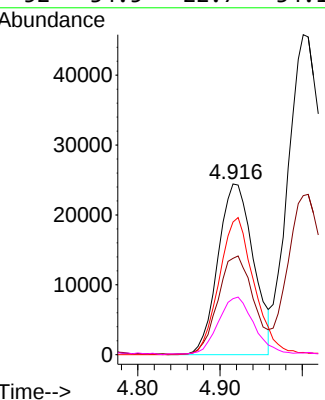
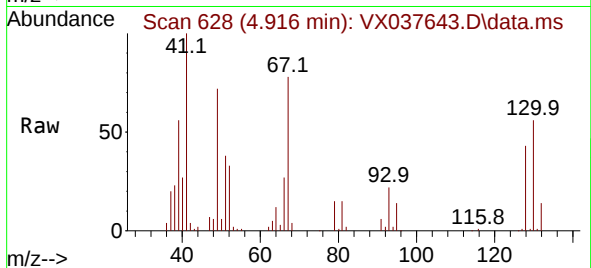
Tgt Ion: 41 Resp: 73410
Ion Ratio Lower Upper
41 100
39 57.3 45.2 67.8
67 79.6 52.6 78.8
52 34.5 22.7 34.1#

Manual Integrations

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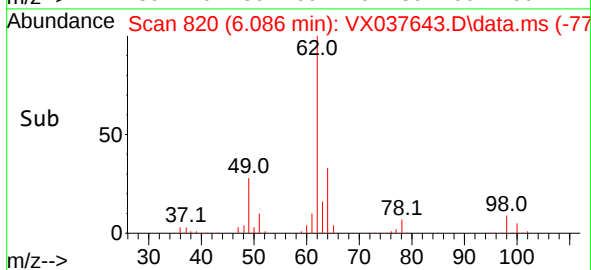
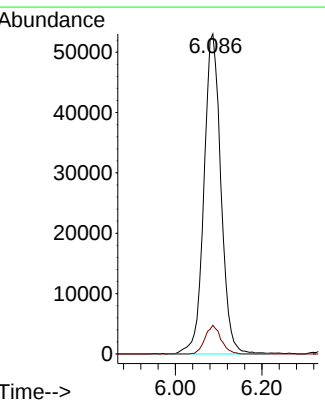
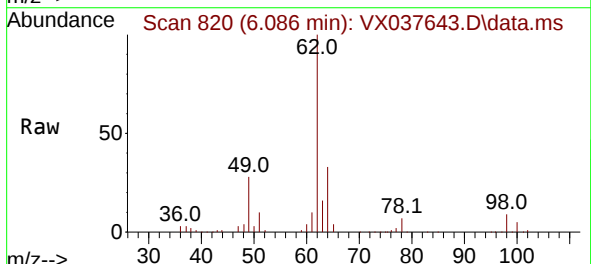
Reviewed By :John Carlone 09/12/2023

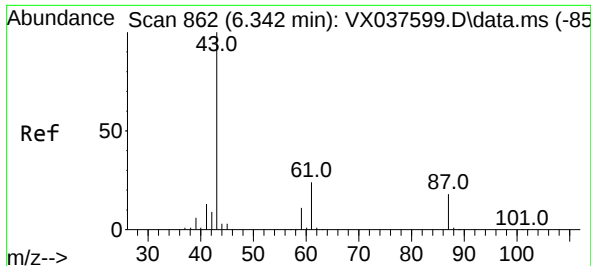
Supervised By :Mahesh Dadoda 09/12/2023



#42
1,2-Dichloroethane
Concen: 51.653 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion: 62 Resp: 144304
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 52.967 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

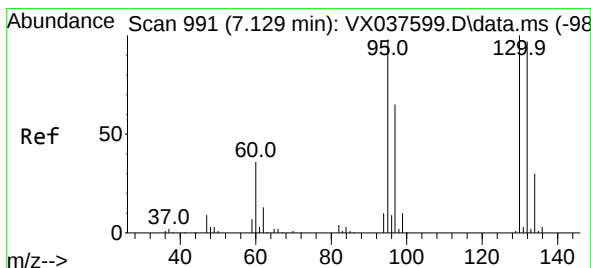
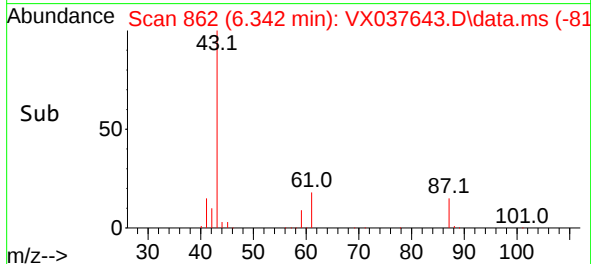
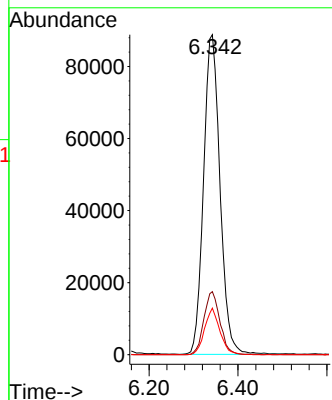
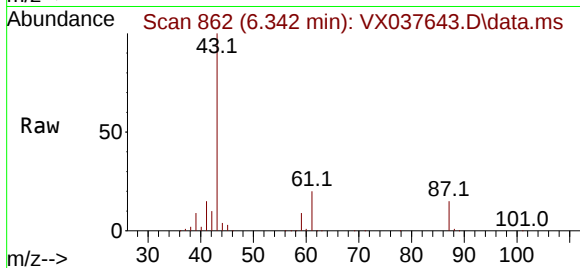
Tgt Ion:	43	Resp:	228954
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	13.5	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#44

Trichloroethene

Concen: 51.198 ug/l

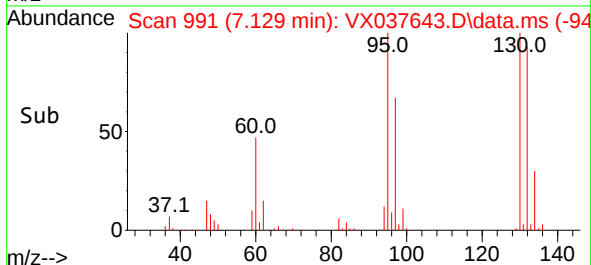
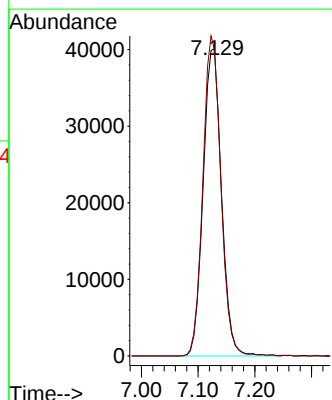
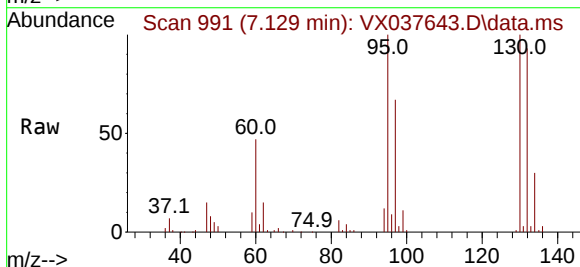
RT: 7.129 min Scan# 991

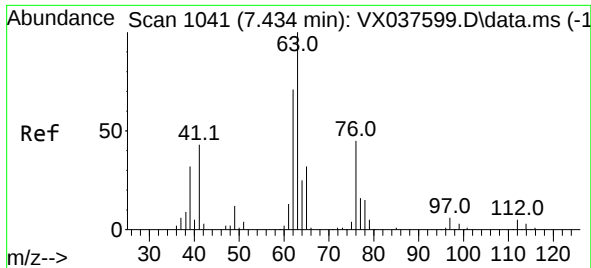
Delta R.T. -0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Tgt Ion:	130	Resp:	90087
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	204.4





#45

1,2-Dichloropropane

Concen: 51.088 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9664

Ion Ratio Lower Upper

63 100

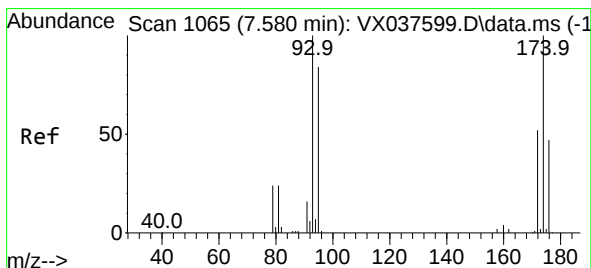
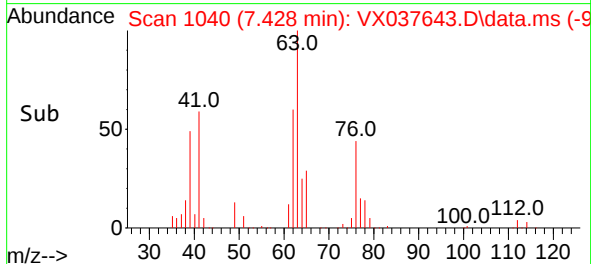
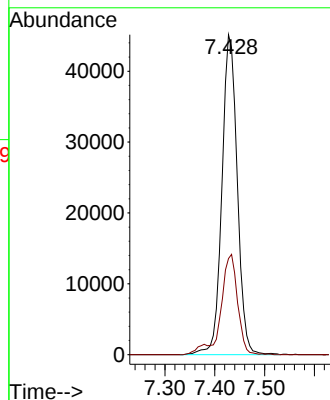
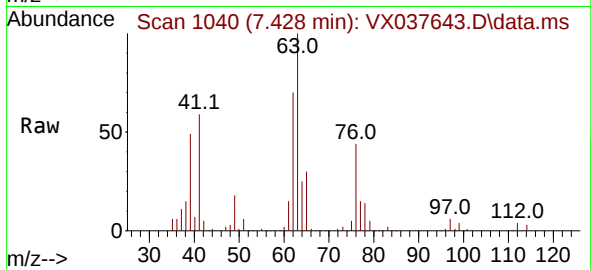
65 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#46

Dibromomethane

Concen: 51.717 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

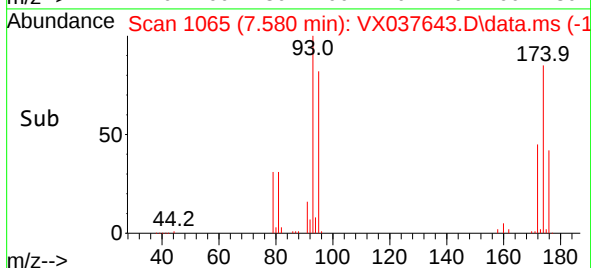
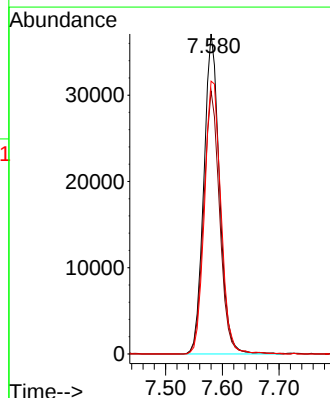
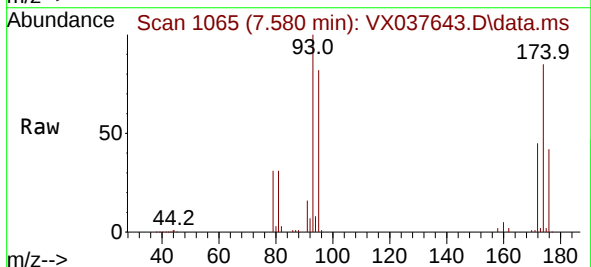
Tgt Ion: 93 Resp: 71378

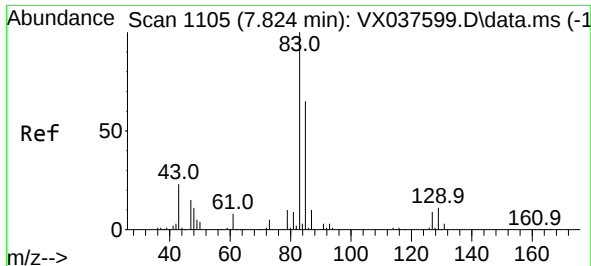
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

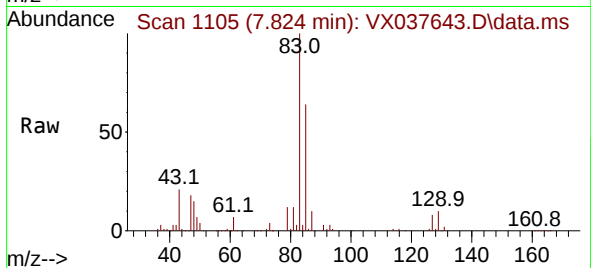
174 88.8 69.4 104.0





#47
Bromodichloromethane
Concen: 54.619 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

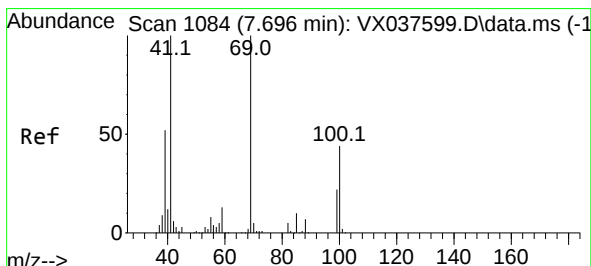
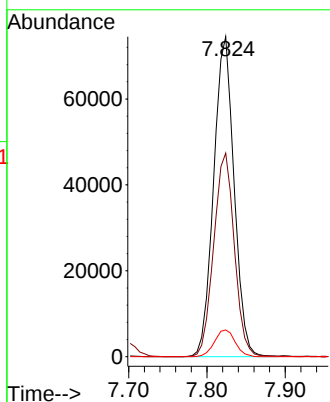
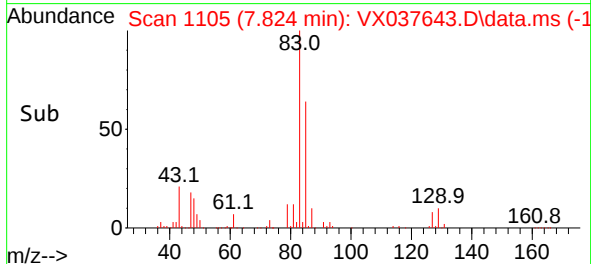
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 13511
Ion Ratio Lower Upper
83 100
85 63.6 49.8 74.6
127 8.4 7.1 10.7

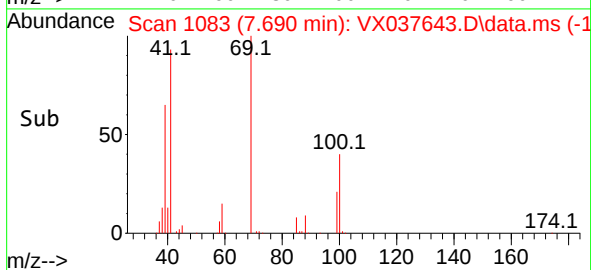
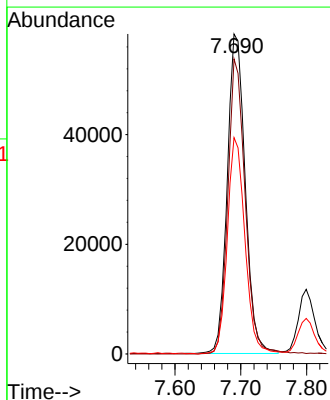
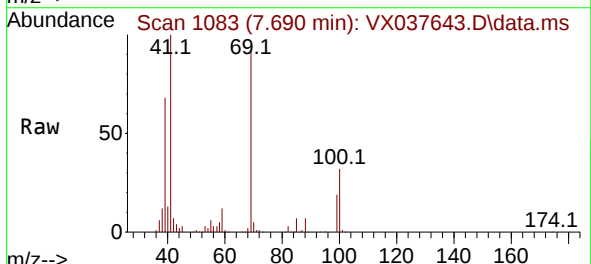
Manual Integrations
APPROVED

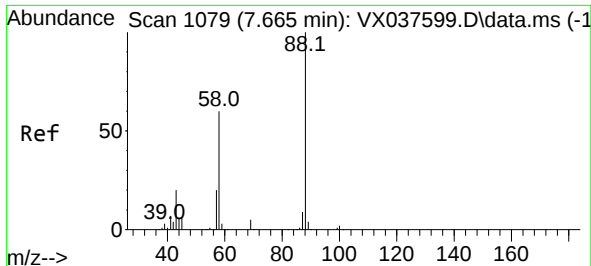
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#48
Methyl methacrylate
Concen: 52.488 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion: 41 Resp: 110807
Ion Ratio Lower Upper
41 100
69 89.5 59.2 88.8#
39 66.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1084.876 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

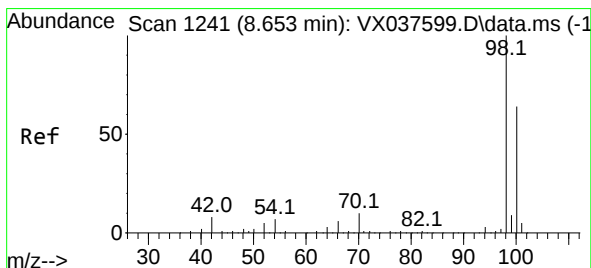
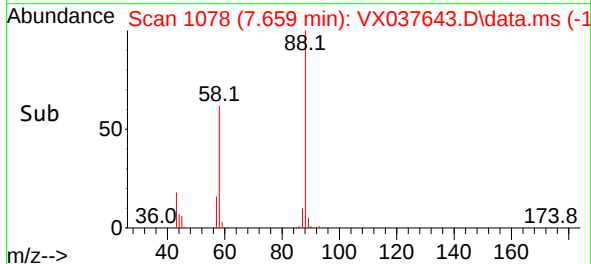
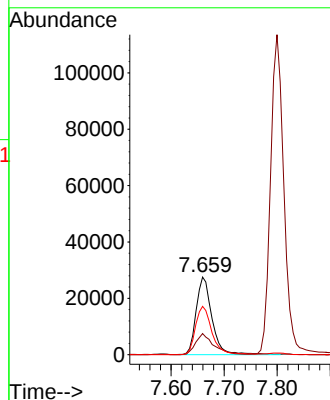
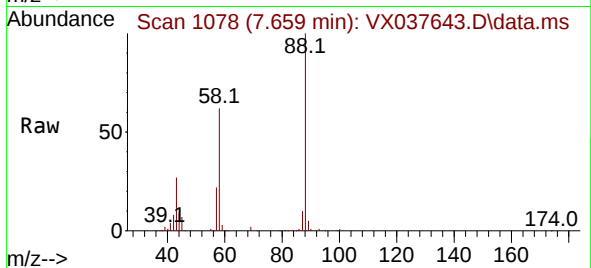
Tgt Ion: 88 Resp: 57040
 Ion Ratio Lower Upper
 88 100
 43 31.2 0.0 0.0
 58 64.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#50

Toluene-d8

Concen: 51.379 ug/l

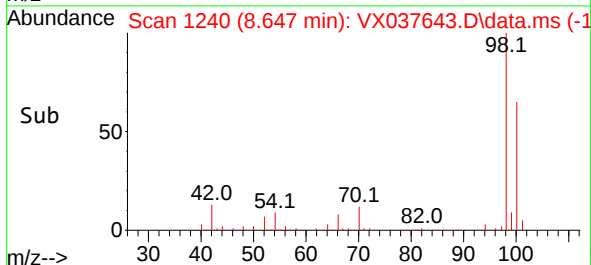
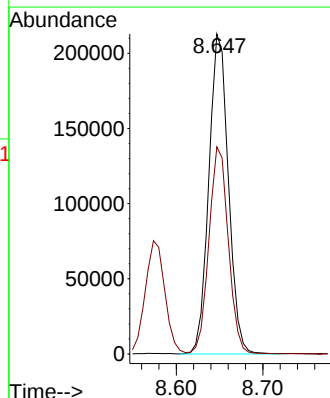
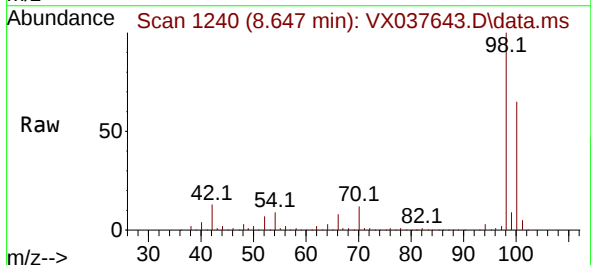
RT: 8.647 min Scan# 1240

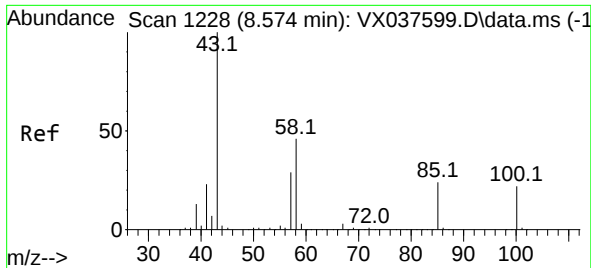
Delta R.T. -0.006 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Tgt Ion: 98 Resp: 333163
 Ion Ratio Lower Upper
 98 100
 100 64.5 53.1 79.7





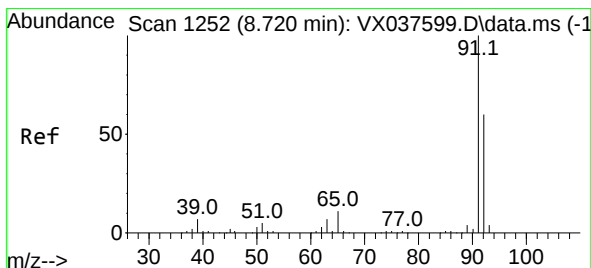
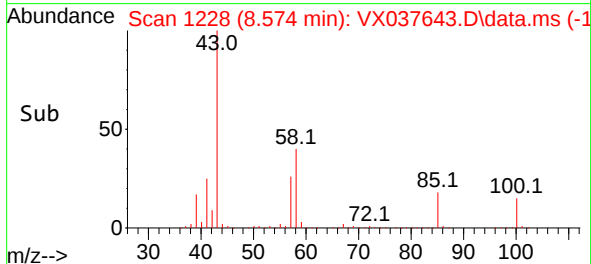
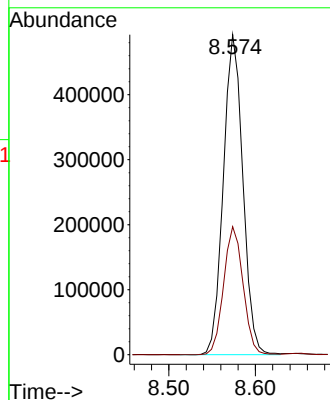
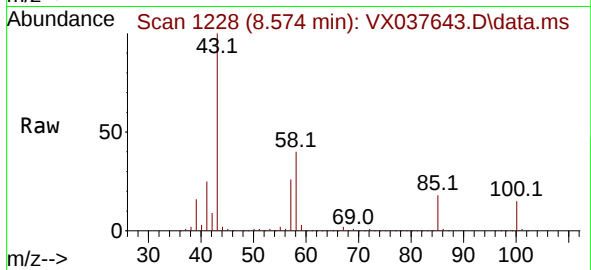
#51
4-Methyl-2-Pentanone
Concen: 270.438 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 77075
Ion Ratio Lower Upper
43 100
58 39.8 30.4 45.6

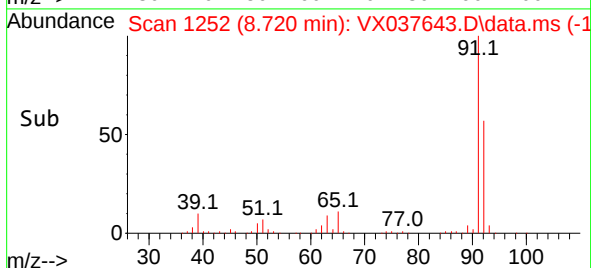
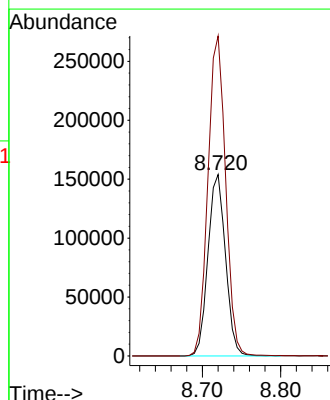
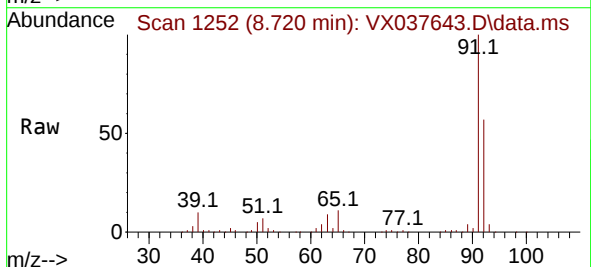
Manual Integrations
APPROVED

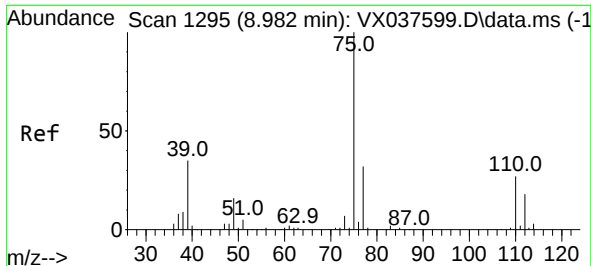
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#52
Toluene
Concen: 52.349 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion: 92 Resp: 238809
Ion Ratio Lower Upper
92 100
91 177.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 55.260 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 13816

Ion Ratio Lower Upper

75 100

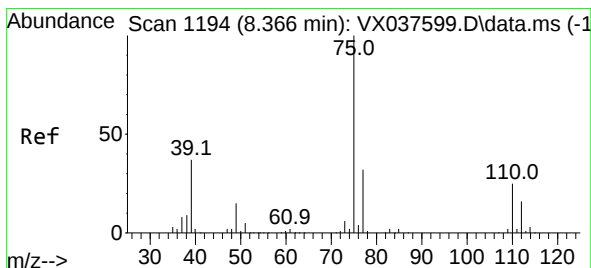
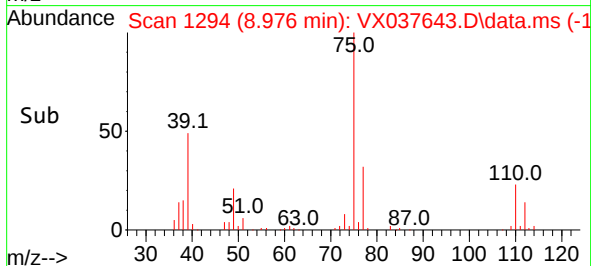
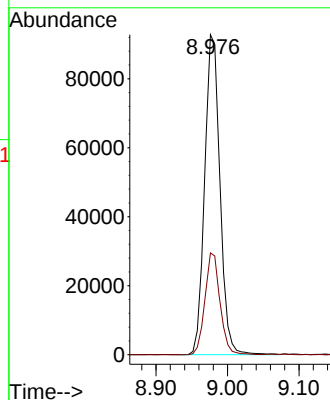
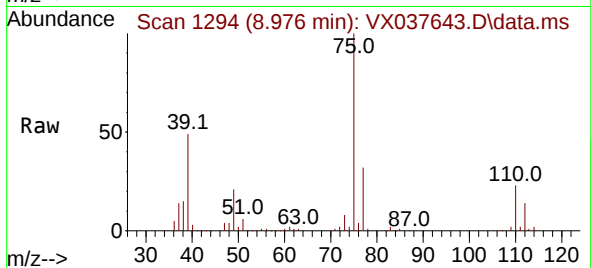
77 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#54

cis-1,3-Dichloropropene

Concen: 53.933 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

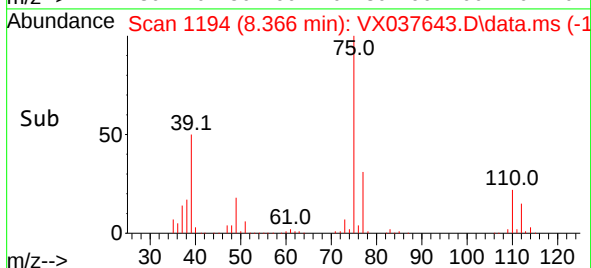
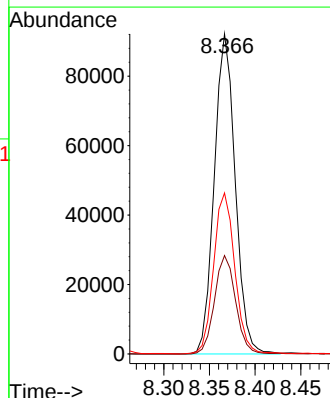
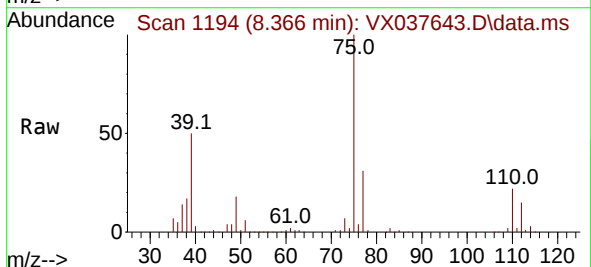
Tgt Ion: 75 Resp: 147062

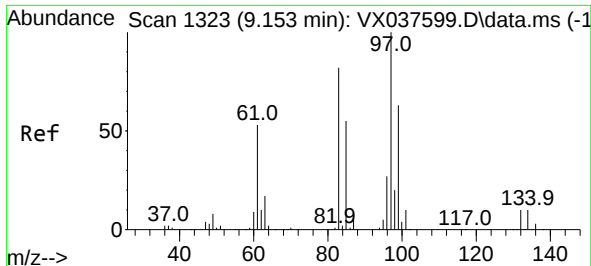
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

39 50.3 46.7 70.1





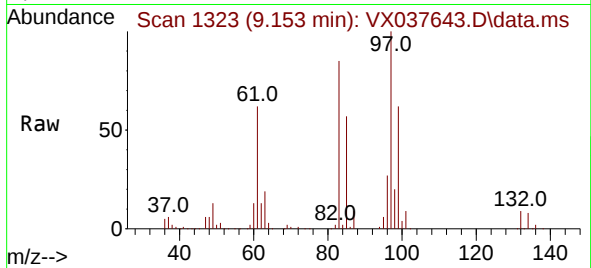
#55
1,1,2-Trichloroethane
Concen: 52.703 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



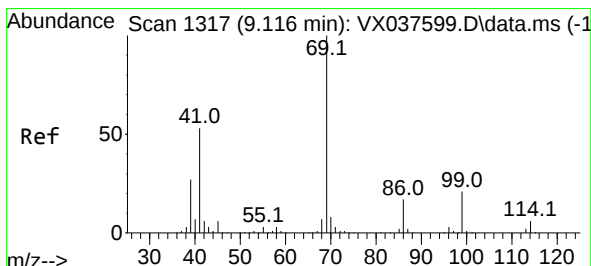
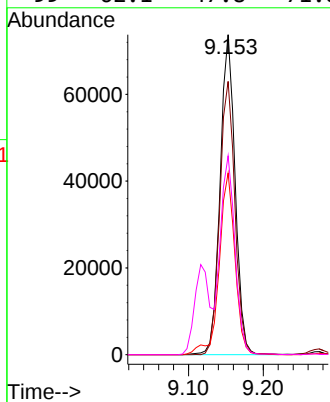
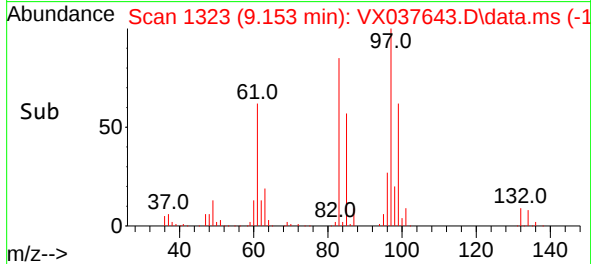
Tgt Ion: 97 Resp: 10338
Ion Ratio Lower Upper
97 100
83 85.4 65.8 98.8
85 56.8 41.6 62.4
99 62.1 47.8 71.8

Manual Integrations

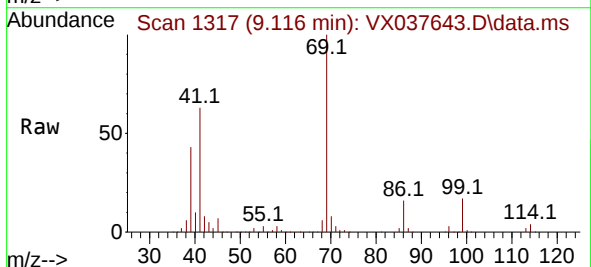
APPROVED

Reviewed By :John Carlone 09/12/2023

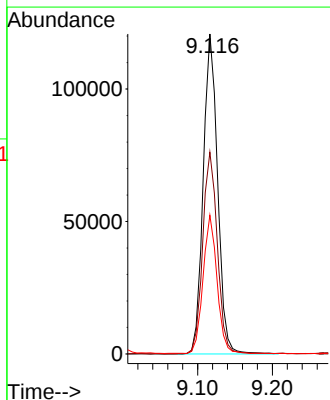
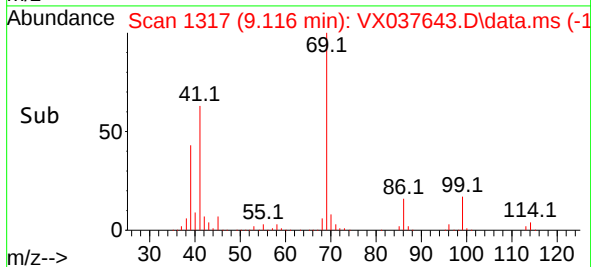
Supervised By :Mahesh Dadoda 09/12/2023

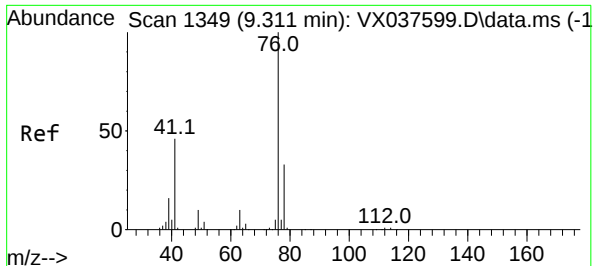


#56
Ethyl methacrylate
Concen: 54.880 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44



Tgt Ion: 69 Resp: 161782
Ion Ratio Lower Upper
69 100
41 64.5 56.8 85.2
39 41.9 32.0 48.0





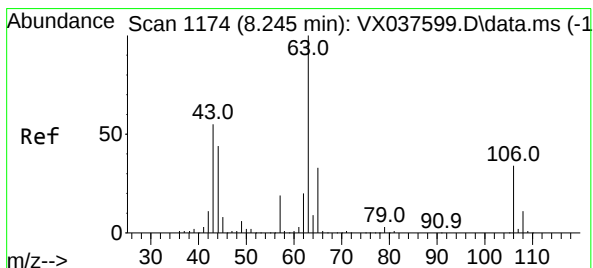
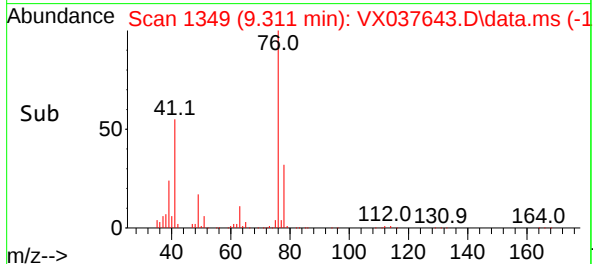
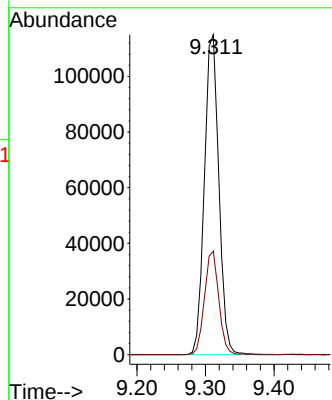
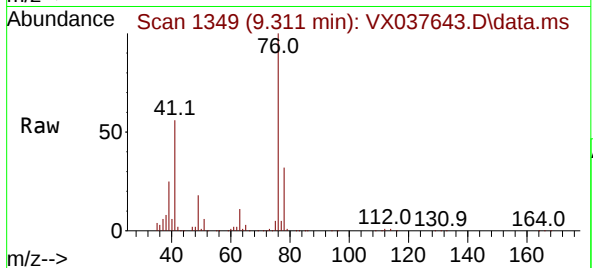
#57
1,3-Dichloropropane
Concen: 51.869 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 169375
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1

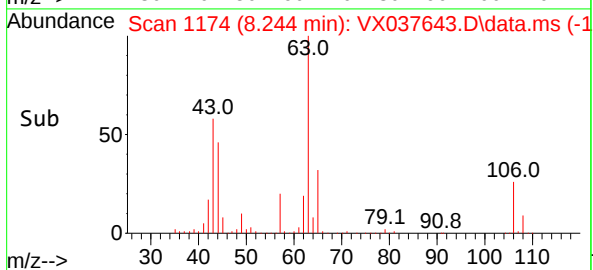
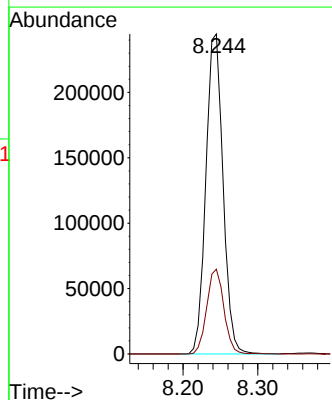
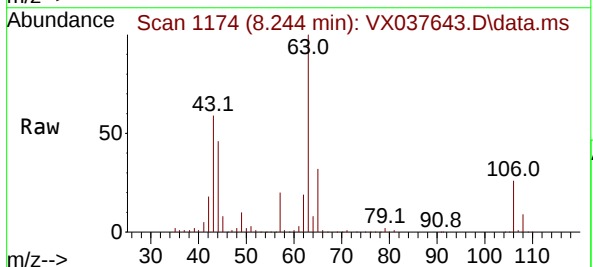
Manual Integrations
APPROVED

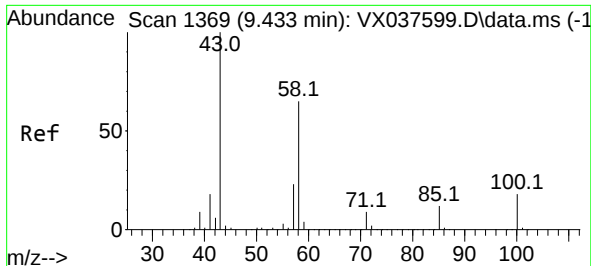
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#58
2-Chloroethyl Vinyl ether
Concen: 273.497 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

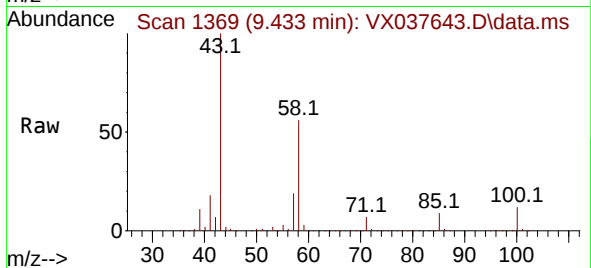
Tgt Ion: 63 Resp: 389134
Ion Ratio Lower Upper
63 100
106 26.6 22.5 33.7





#59
2-Hexanone
Concen: 275.751 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

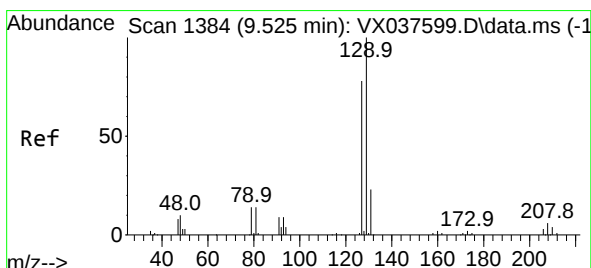
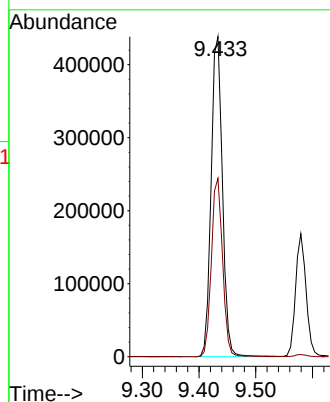
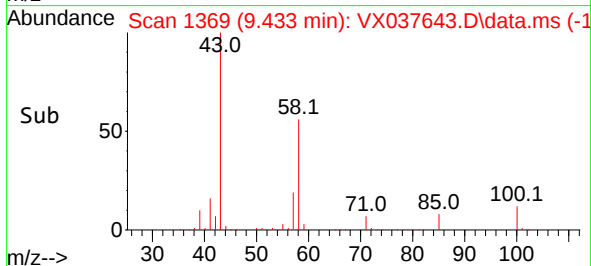
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



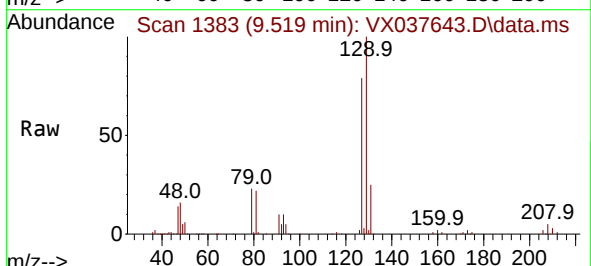
Tgt Ion: 43 Resp: 602809
Ion Ratio Lower Upper
43 100
58 55.4 26.2 78.5

Manual Integrations
APPROVED

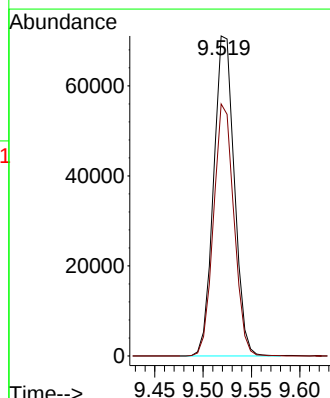
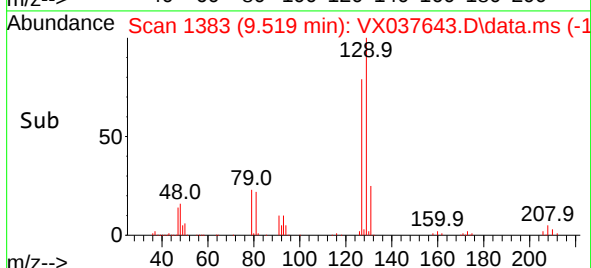
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

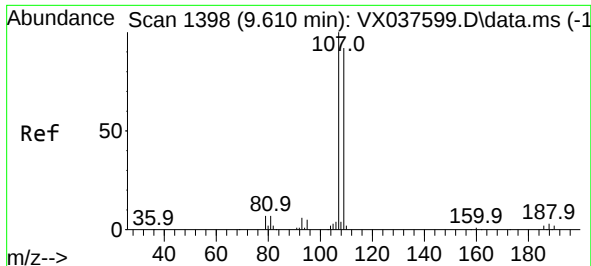


#60
Dibromochloromethane
Concen: 55.374 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44



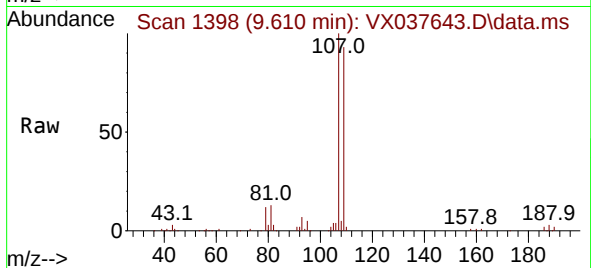
Tgt Ion:129 Resp: 105432
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.676 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

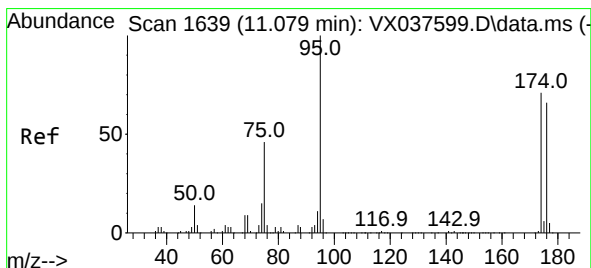
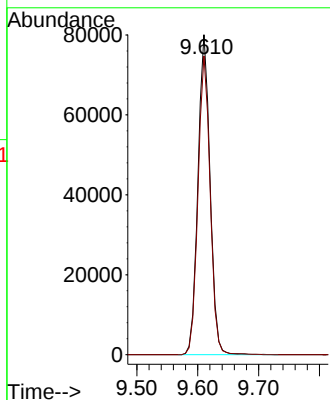
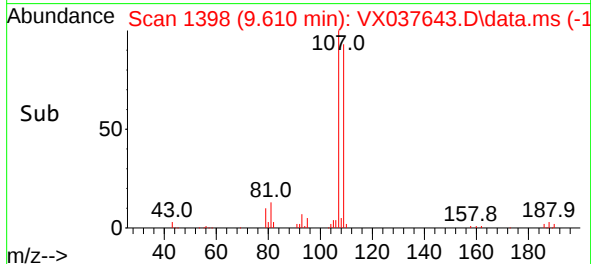
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



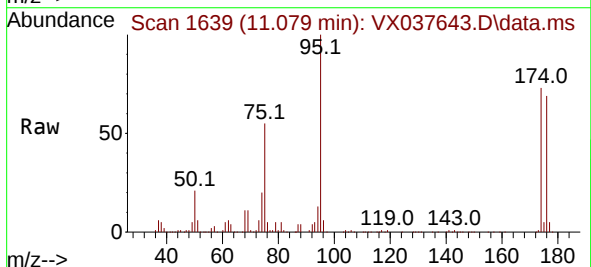
Tgt Ion:107 Resp: 111027
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8

Manual Integrations
APPROVED

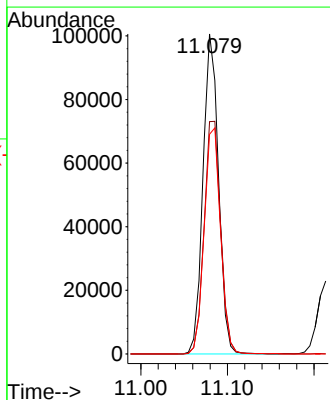
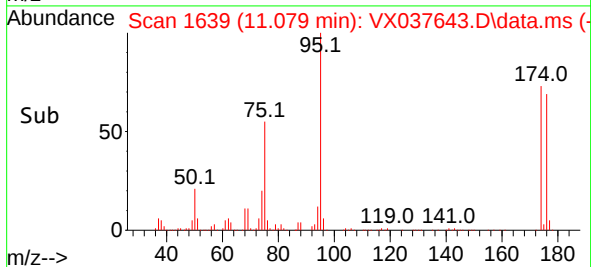
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

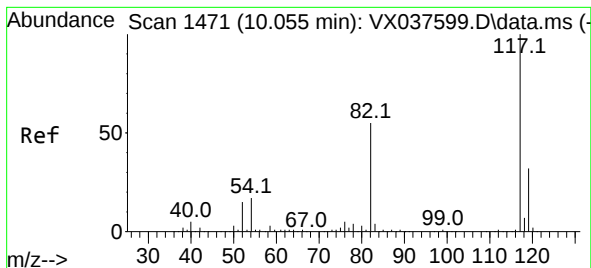


#62
4-Bromofluorobenzene
Concen: 53.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44



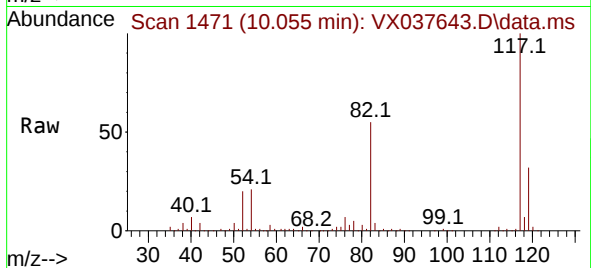
Tgt Ion: 95 Resp: 125070
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 74.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

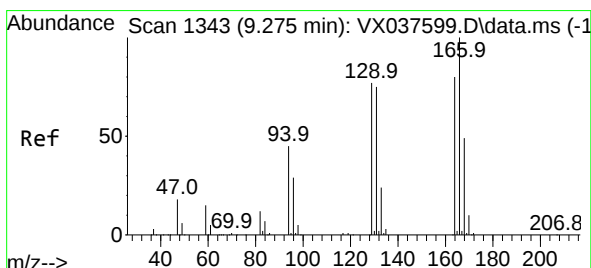
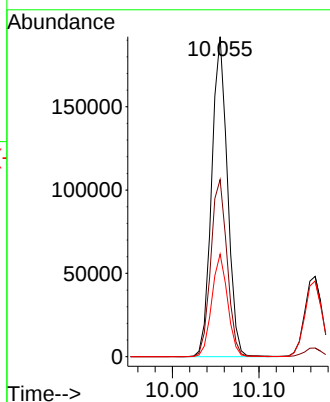
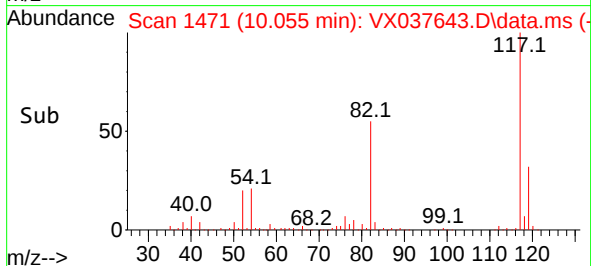
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion:117 Resp: 243260
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.0 25.5 38.3

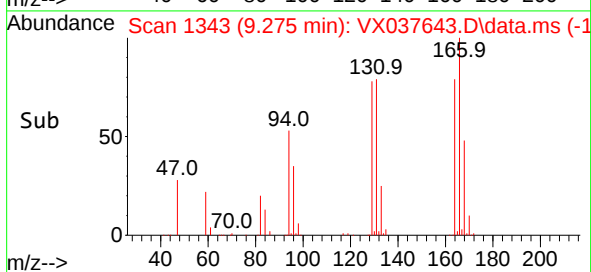
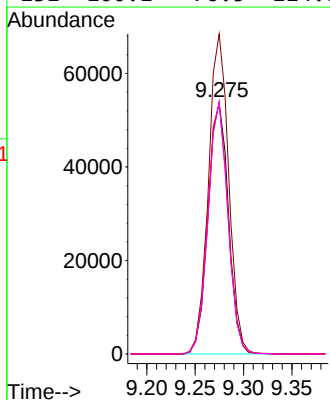
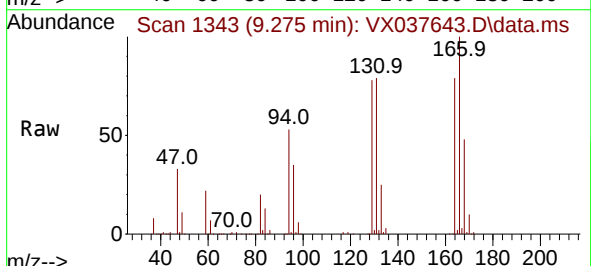
Manual Integrations
APPROVED

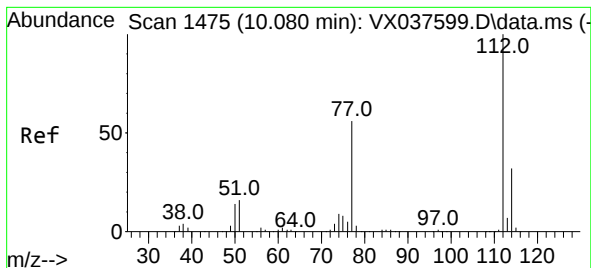
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#64
Tetrachloroethene
Concen: 50.648 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

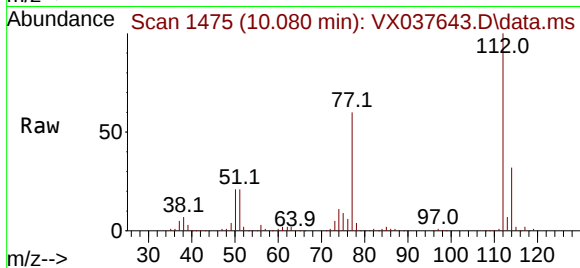
Tgt Ion:164 Resp: 78924
Ion Ratio Lower Upper
164 100
166 127.2 102.7 154.1
129 99.5 80.4 120.6
131 100.1 76.5 114.7





#65
Chlorobenzene
Concen: 49.691 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

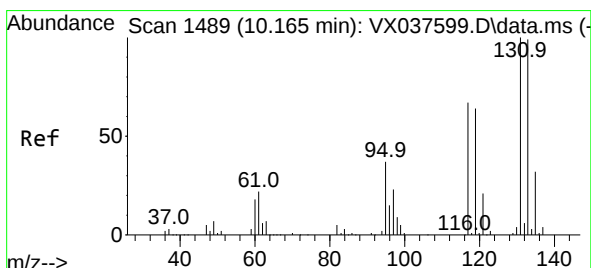
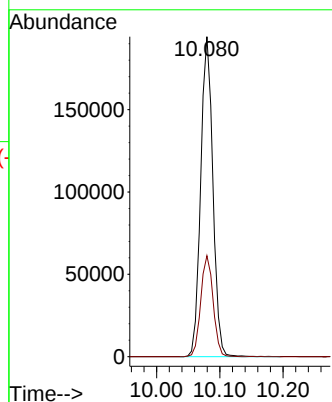
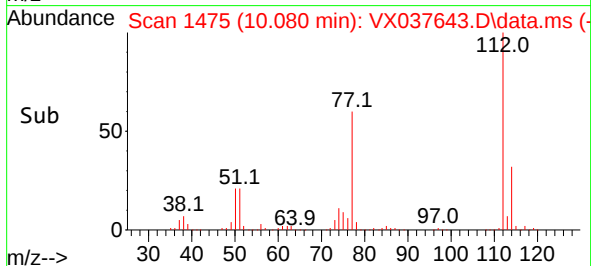
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 260590
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

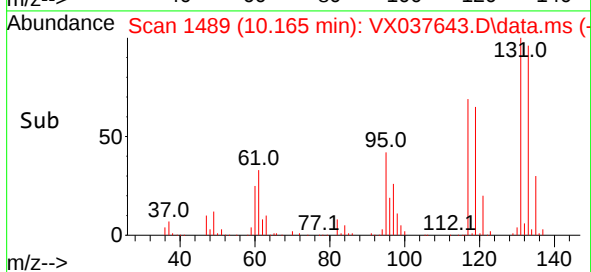
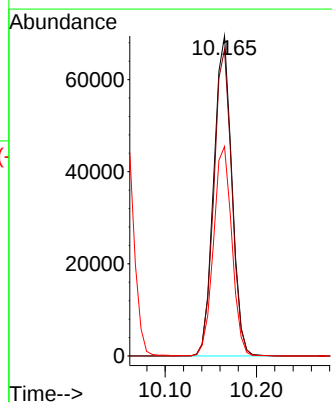
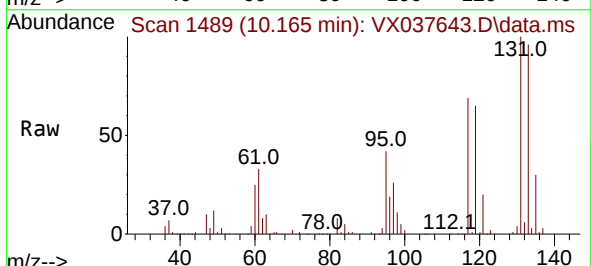
Manual Integrations
APPROVED

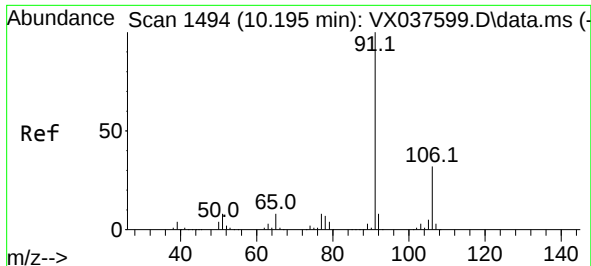
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.094 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion:131 Resp: 95342
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 66.6 32.2 96.6





#67

Ethyl Benzene

Concen: 51.357 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 478944

Ion Ratio Lower Upper

91 100

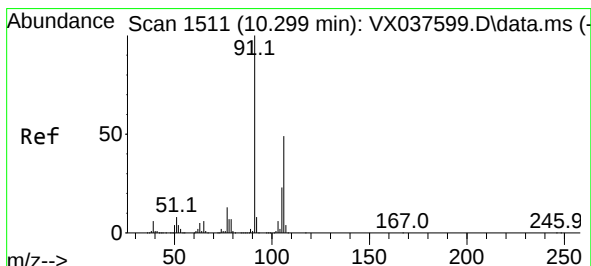
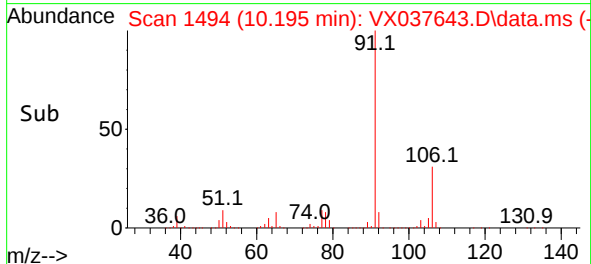
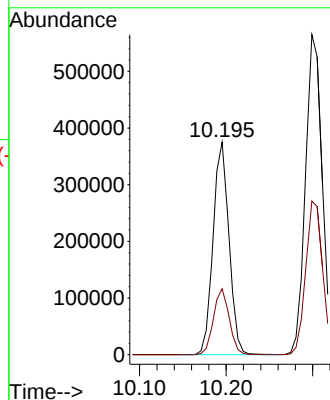
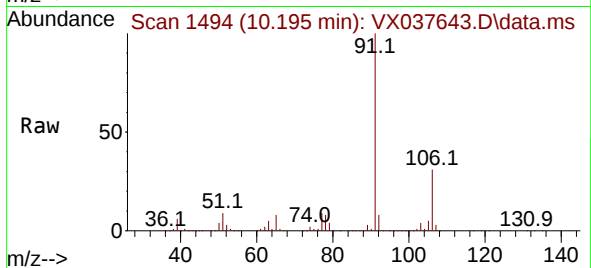
106 31.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#68

m/p-Xylenes

Concen: 103.774 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX037643.D

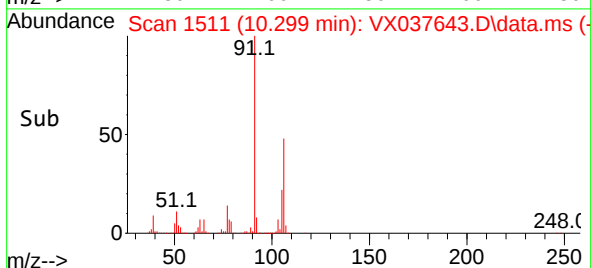
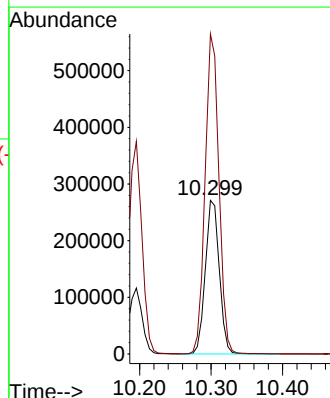
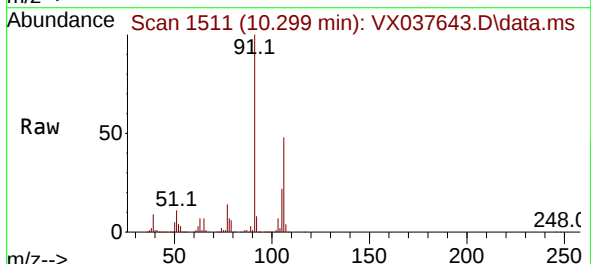
Acq: 11 Sep 2023 15:44

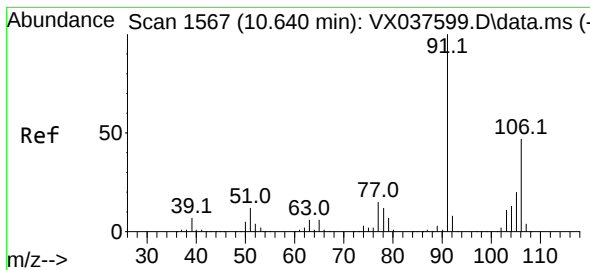
Tgt Ion:106 Resp: 368757

Ion Ratio Lower Upper

106 100

91 205.5 165.5 248.3





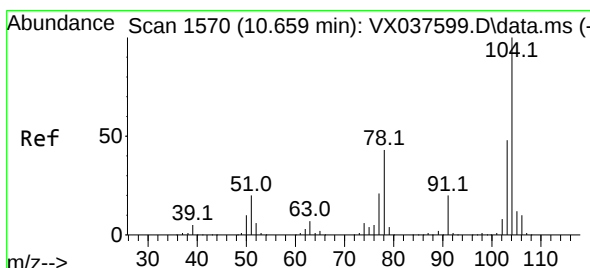
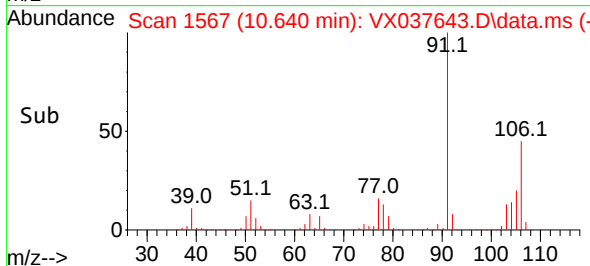
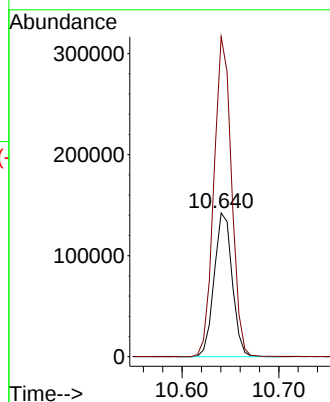
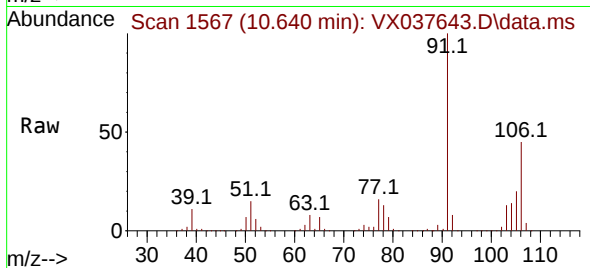
#69
o-Xylene
Concen: 52.081 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 18351
Ion Ratio Lower Upper
106 100
91 218.2 108.9 326.8

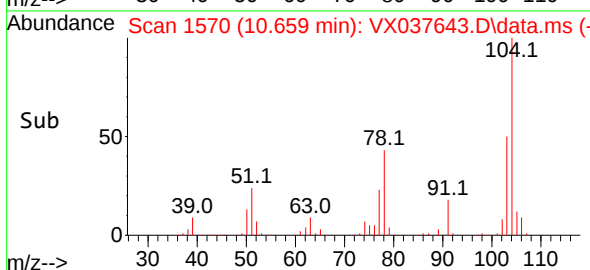
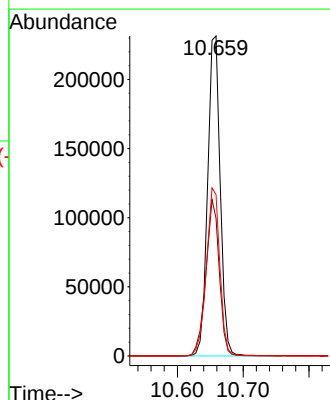
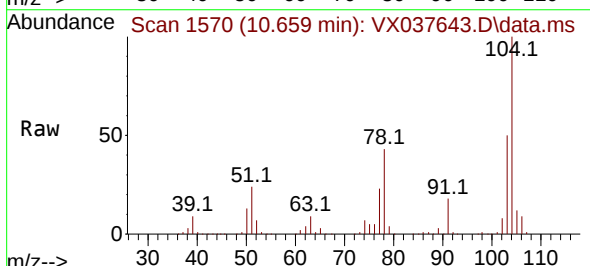
Manual Integrations
APPROVED

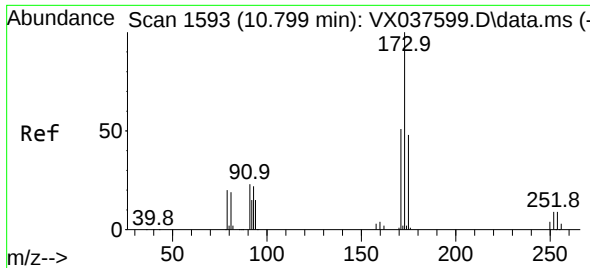
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
Styrene
Concen: 53.054 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

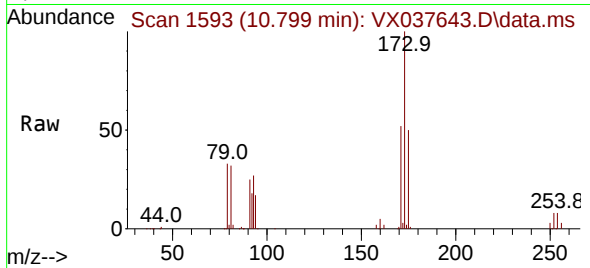
Tgt Ion:104 Resp: 308417
Ion Ratio Lower Upper
104 100
78 52.0 43.6 65.4
103 56.4 43.6 65.4





#71
Bromoform
Concen: 55.108 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

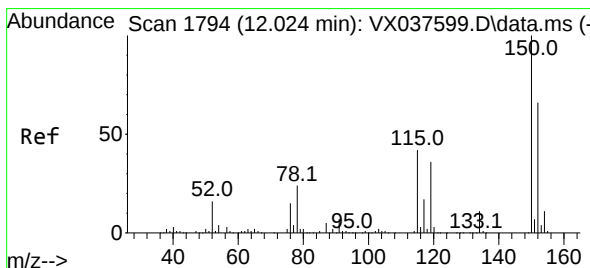
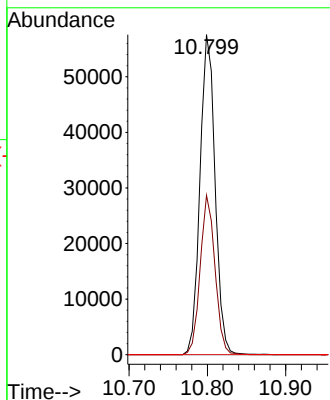
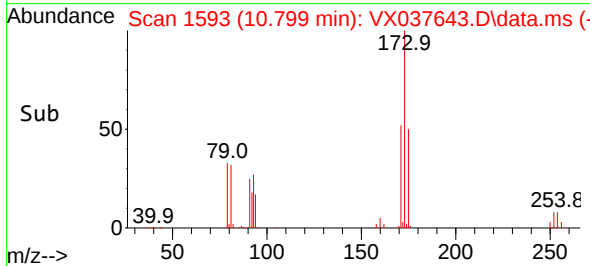
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



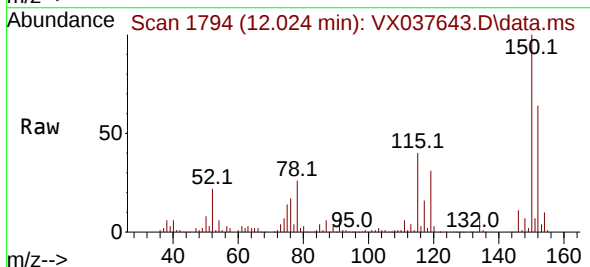
Tgt Ion:173 Resp: 77099
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

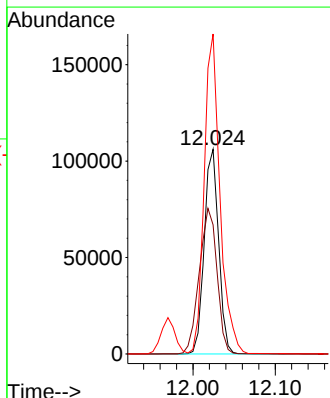
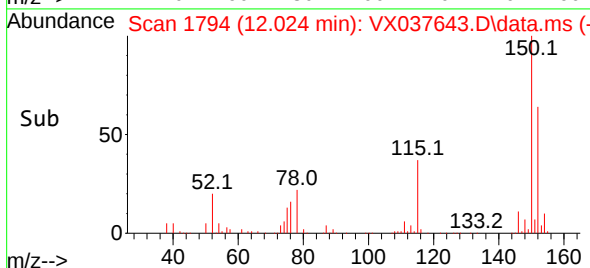
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

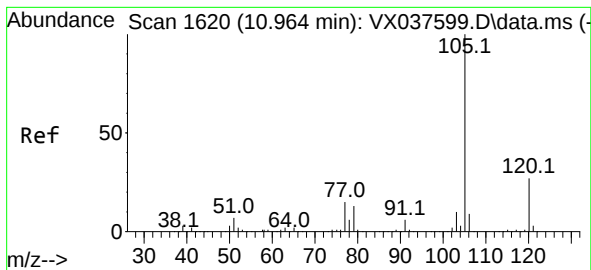


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44



Tgt Ion:152 Resp: 128669
Ion Ratio Lower Upper
152 100
115 88.1 43.3 129.9
150 171.7 0.0 345.0





#73

Isopropylbenzene

Concen: 49.109 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 47552

Ion Ratio Lower Upper

105 100

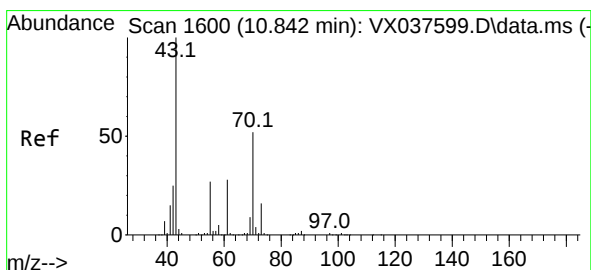
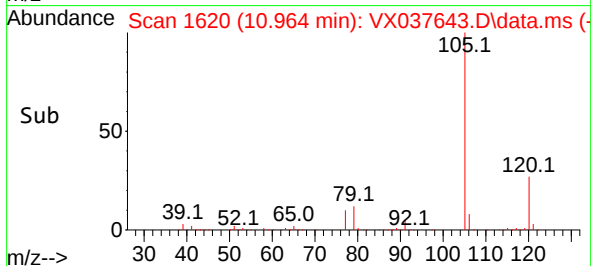
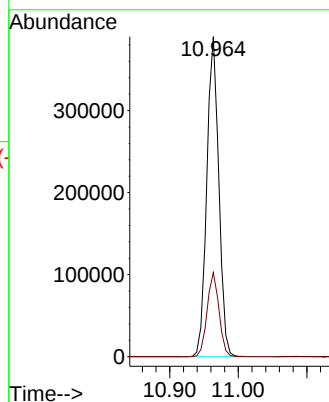
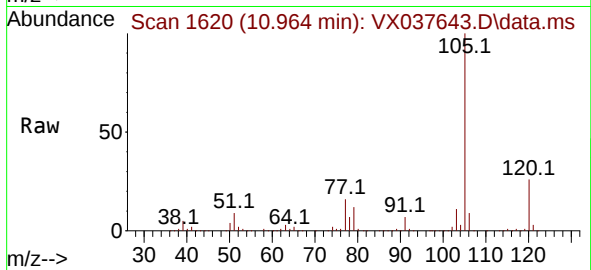
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#74

N-ethyl acetate

Concen: 51.072 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Tgt Ion: 43 Resp: 218309

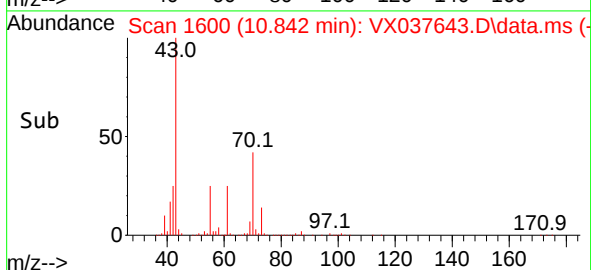
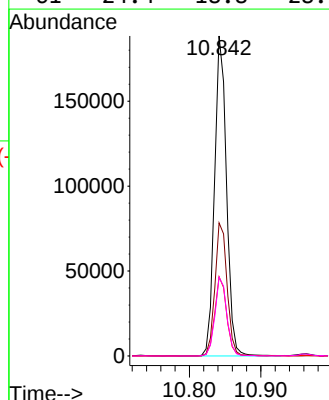
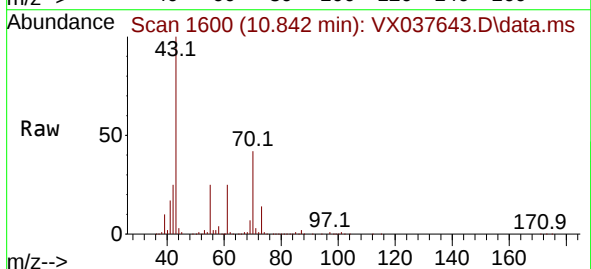
Ion Ratio Lower Upper

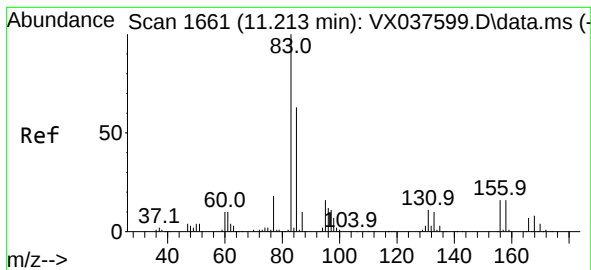
43 100

70 42.3 32.9 49.3

55 24.8 19.3 28.9

61 24.4 18.8 28.2





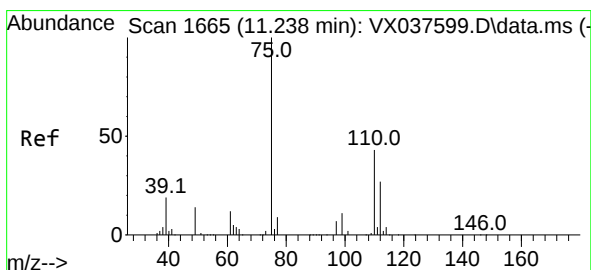
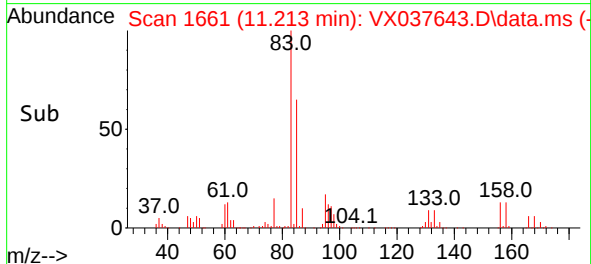
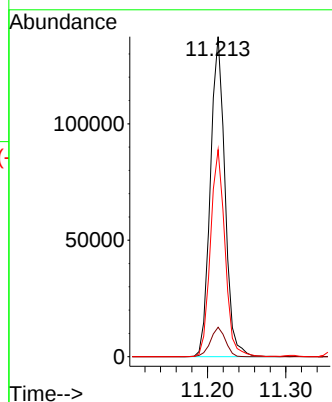
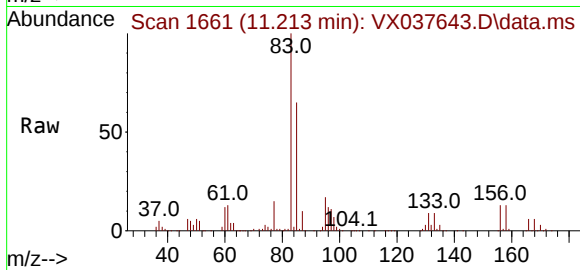
#75
1,1,2,2-Tetrachloroethane
Concen: 48.323 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 177408
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 64.5 32.0 96.2

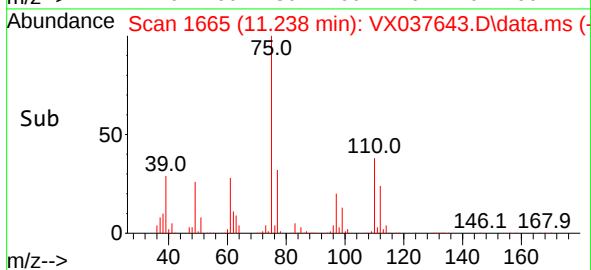
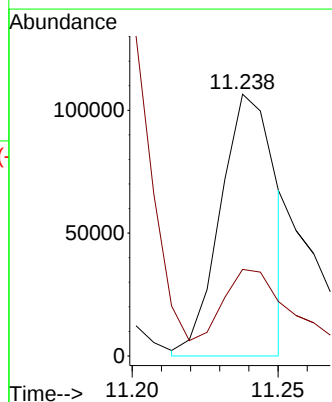
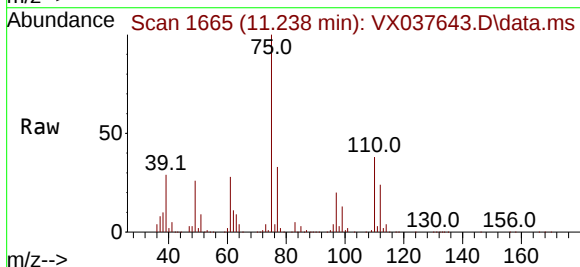
Manual Integrations
APPROVED

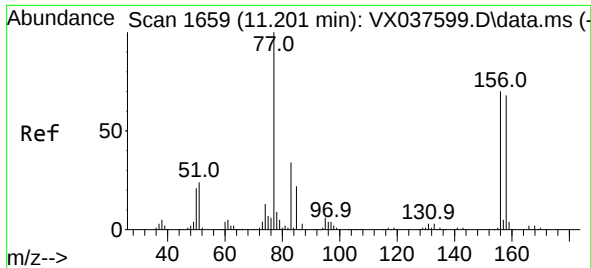
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#76
1,2,3-Trichloropropane
Concen: 47.705 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion: 75 Resp: 138753
Ion Ratio Lower Upper
75 100
77 44.0 19.1 57.5





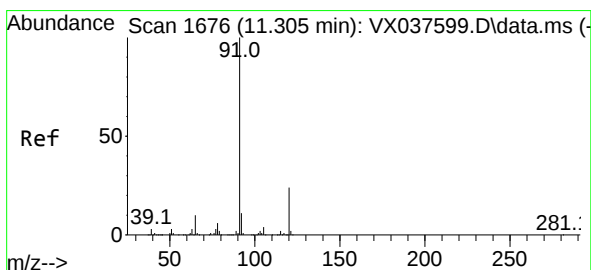
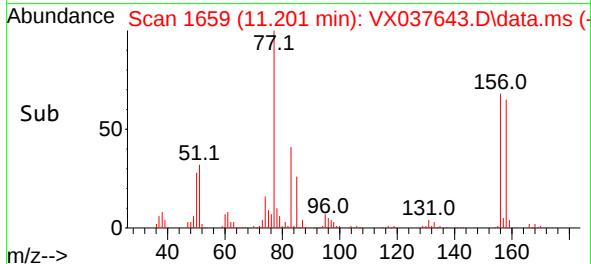
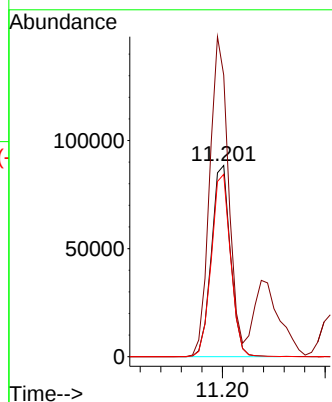
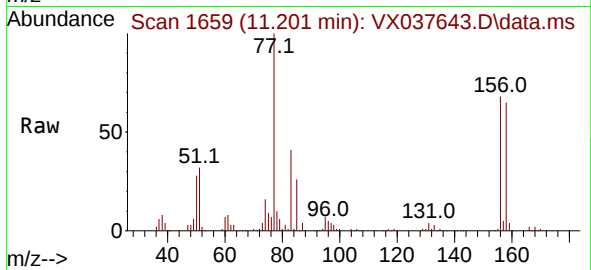
#77
Bromobenzene
Concen: 49.226 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 11439
Ion Ratio Lower Upper
156 100
77 164.7 88.4 265.3
158 96.1 48.0 144.0

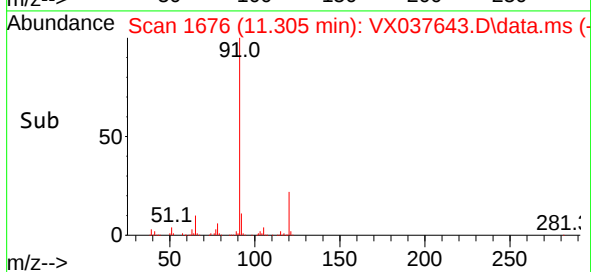
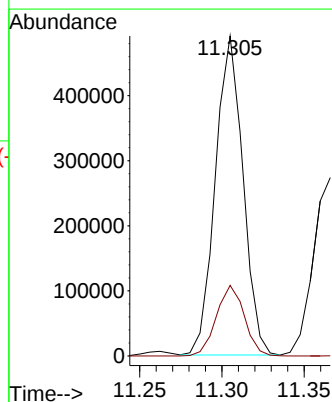
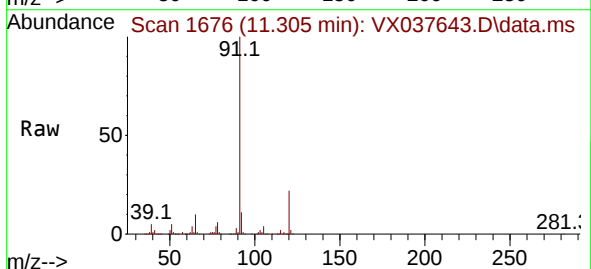
Manual Integrations
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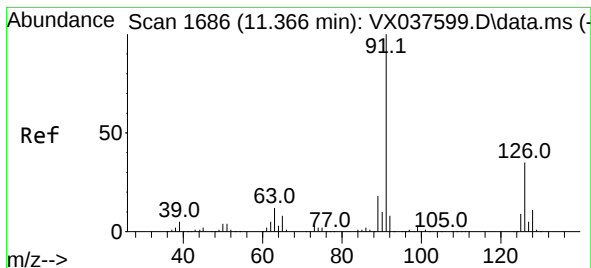
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#78
n-propylbenzene
Concen: 51.317 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion: 91 Resp: 573511
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





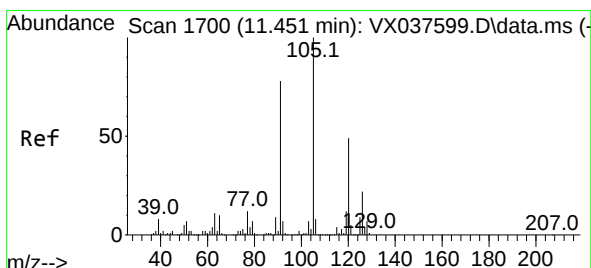
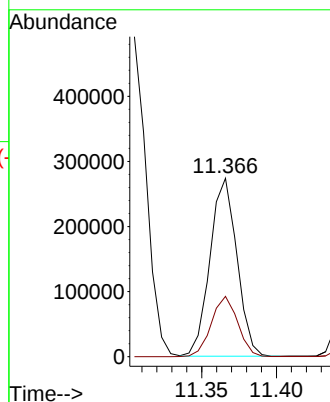
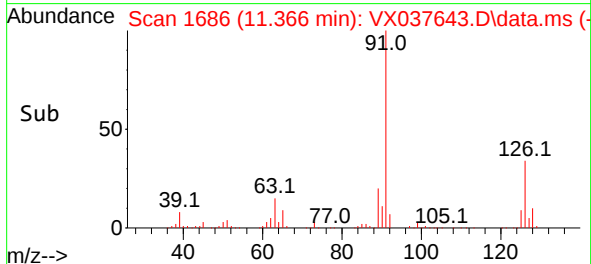
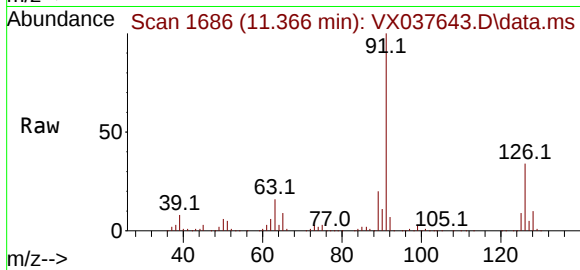
#79
2-Chlorotoluene
Concen: 49.814 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 342364
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

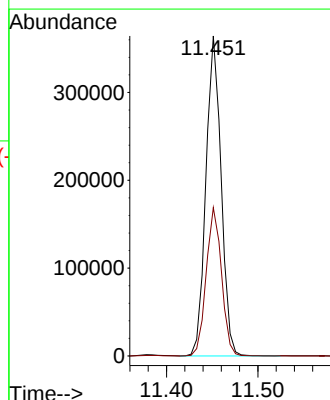
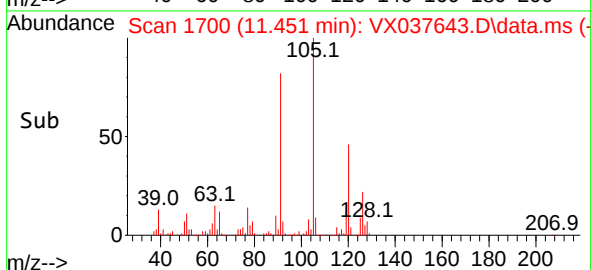
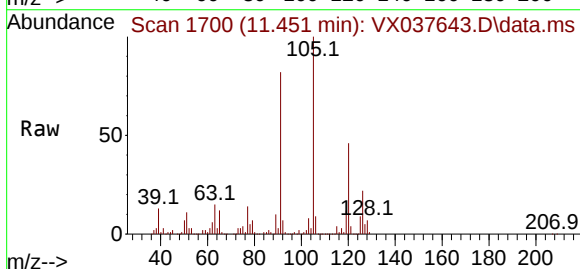
Manual Integrations
APPROVED

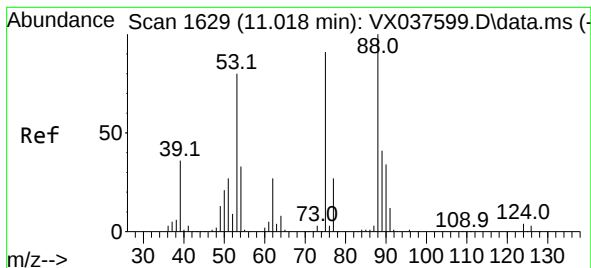
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.250 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion:105 Resp: 419207
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3





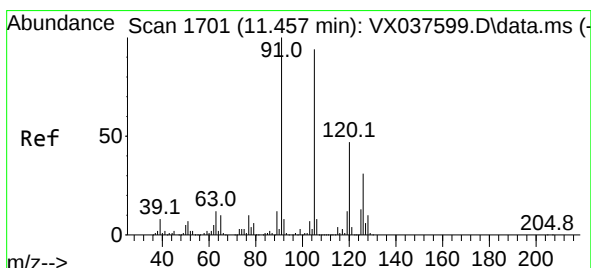
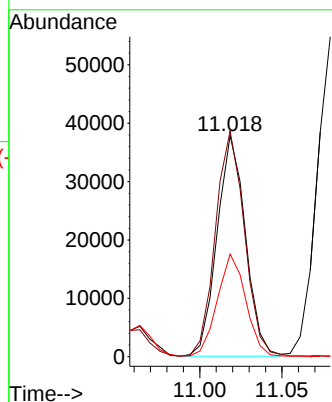
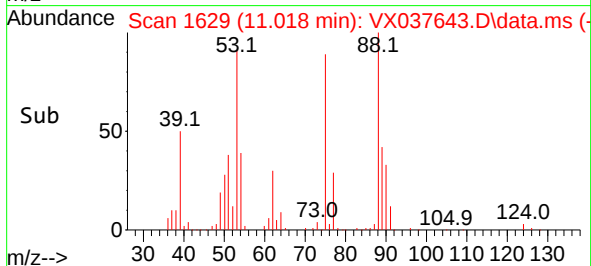
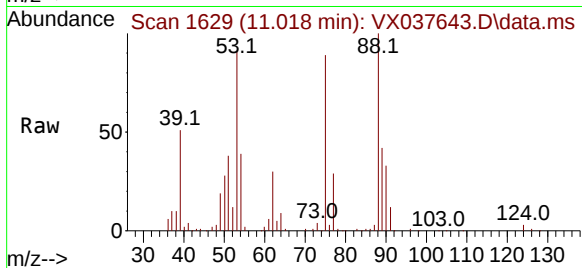
#81
trans-1,4-Dichloro-2-butene
Concen: 48.796 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 45409
Ion Ratio Lower Upper
75 100
53 104.3 90.5 135.7
89 46.8 36.9 55.3

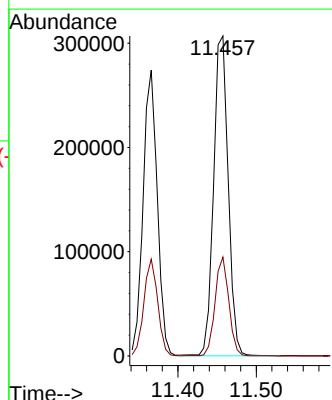
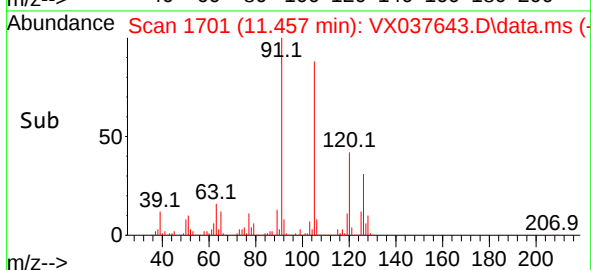
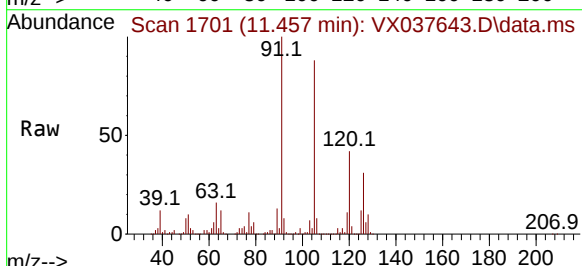
Manual Integrations
APPROVED

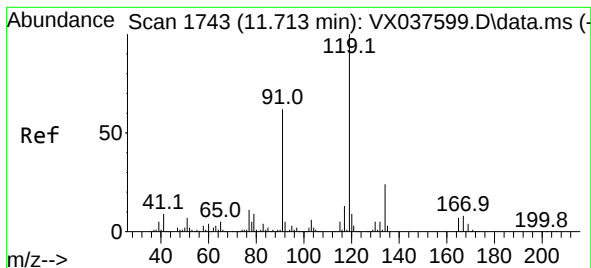
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#82
4-Chlorotoluene
Concen: 50.648 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion: 91 Resp: 396185
Ion Ratio Lower Upper
91 100
126 29.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.150 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 40902

Ion Ratio Lower Upper

119 100

91 59.1 31.2 93.6

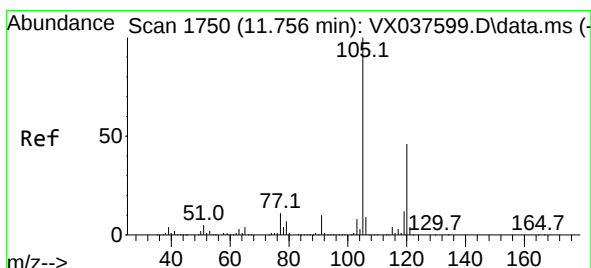
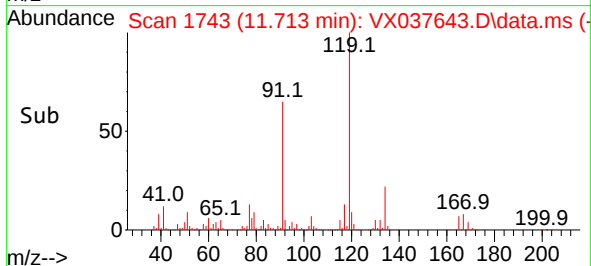
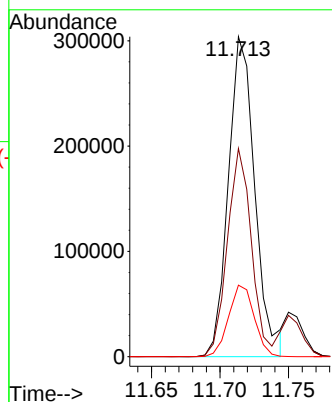
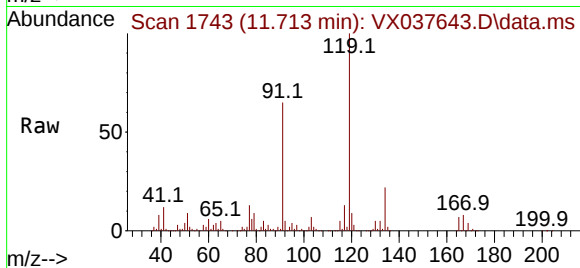
134 21.7 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#84

1,2,4-Trimethylbenzene

Concen: 51.036 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037643.D

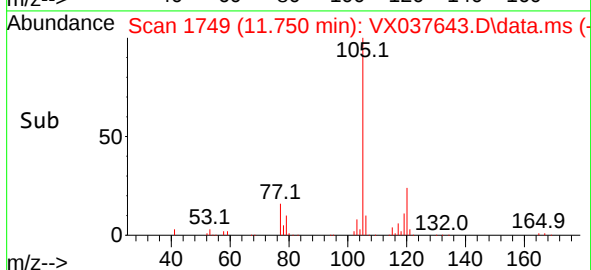
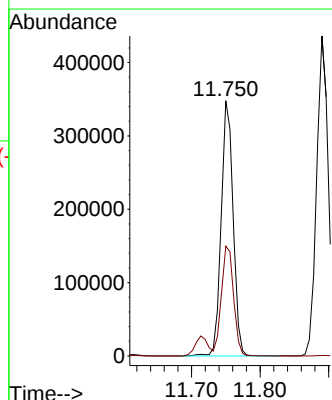
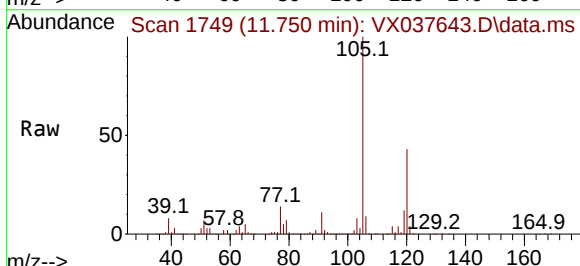
Acq: 11 Sep 2023 15:44

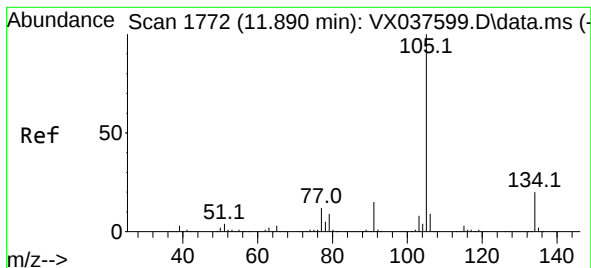
Tgt Ion:105 Resp: 419281

Ion Ratio Lower Upper

105 100

120 43.8 21.2 63.6





#85

sec-Butylbenzene

Concen: 51.338 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 51897

Ion Ratio Lower Upper

105 100

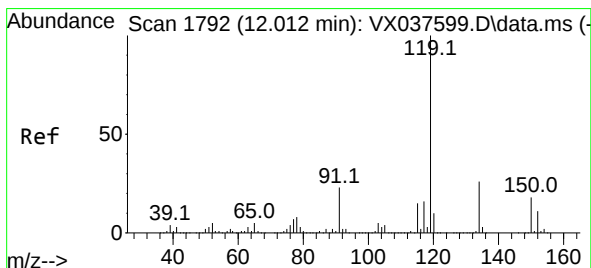
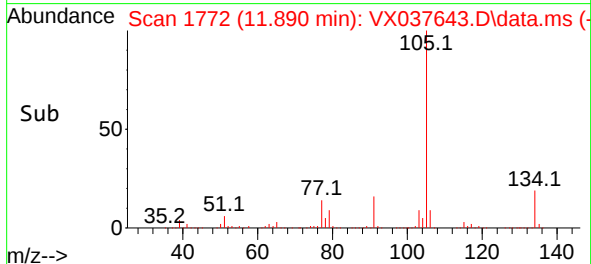
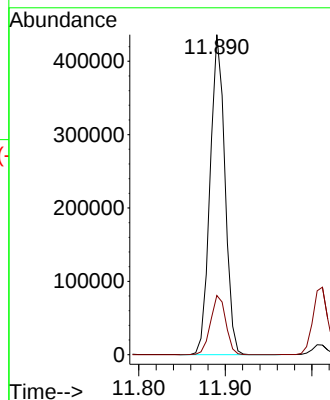
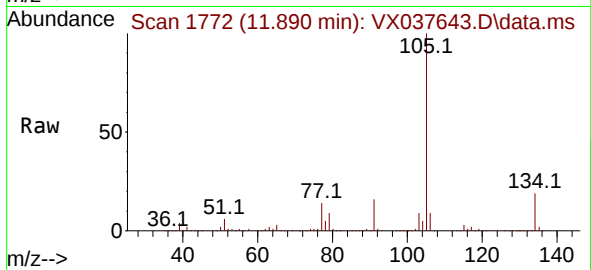
134 19.0 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#86

p-Isopropyltoluene

Concen: 51.203 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

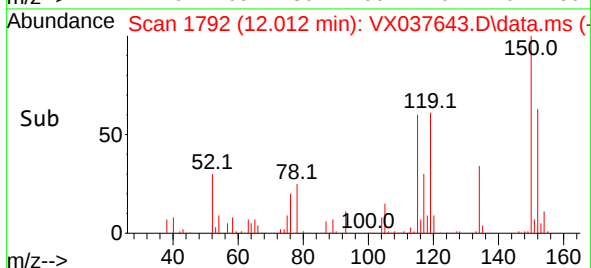
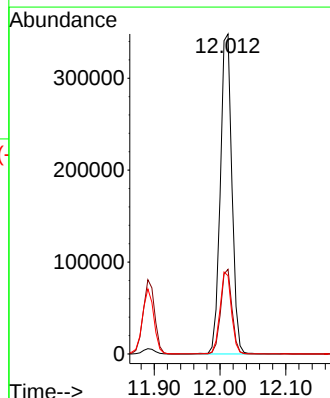
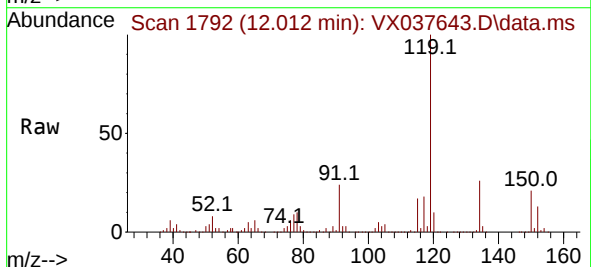
Tgt Ion:119 Resp: 426233

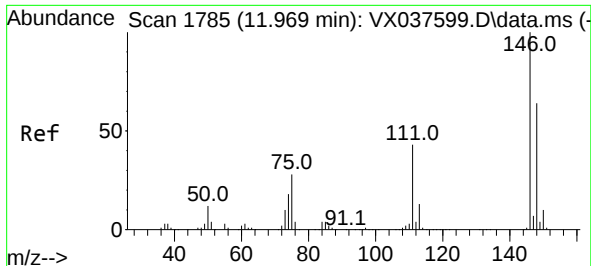
Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.3

91 25.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.180 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 21714

Ion Ratio Lower Upper

146 100

111 41.4 22.1 66.1

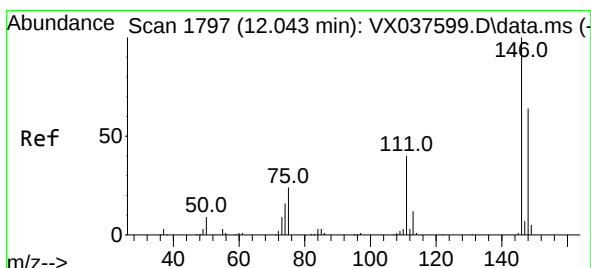
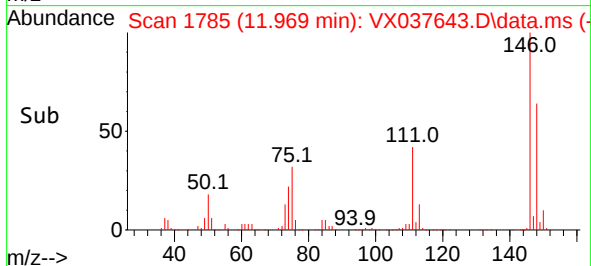
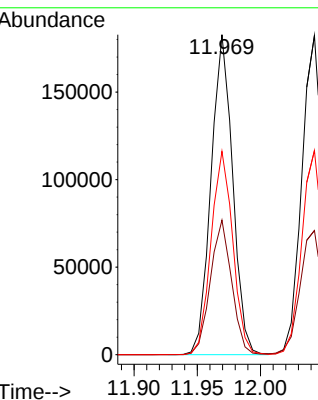
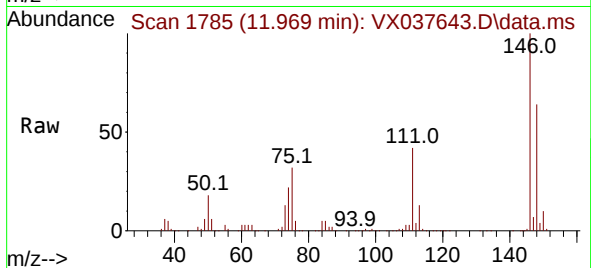
148 64.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#88

1,4-Dichlorobenzene

Concen: 48.817 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

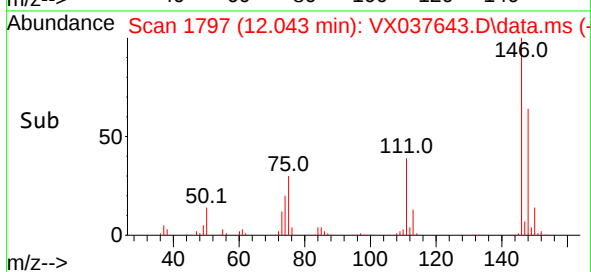
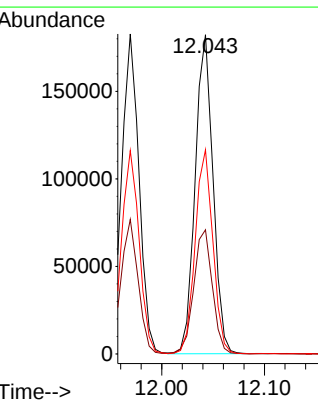
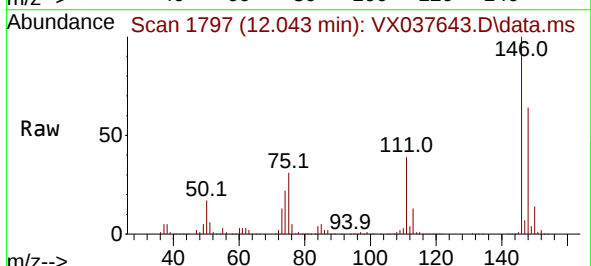
Tgt Ion:146 Resp: 219433

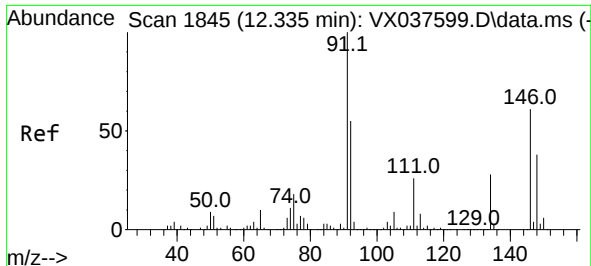
Ion Ratio Lower Upper

146 100

111 40.7 21.3 63.7

148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 52.607 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 39202

Ion Ratio Lower Upper

91 100

92 51.9 27.4 82.0

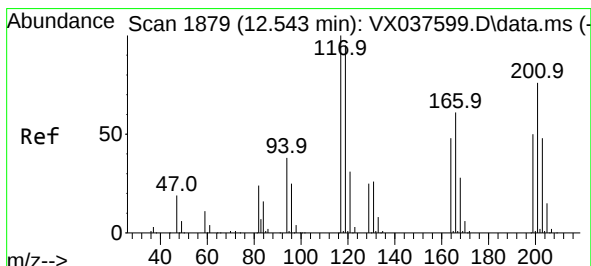
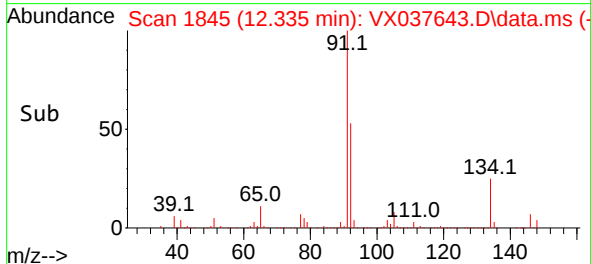
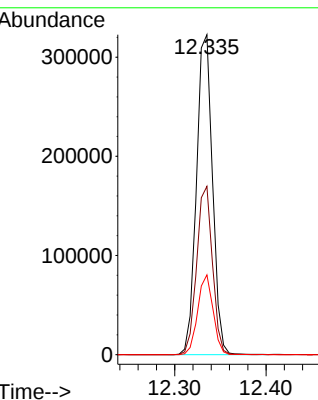
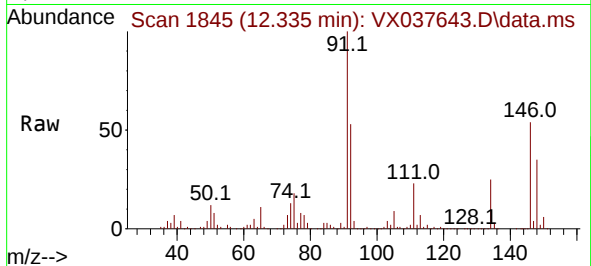
134 23.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#90

Hexachloroethane

Concen: 54.400 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX037643.D

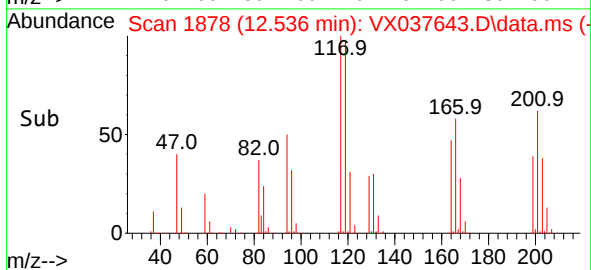
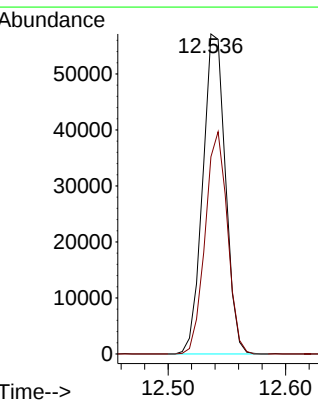
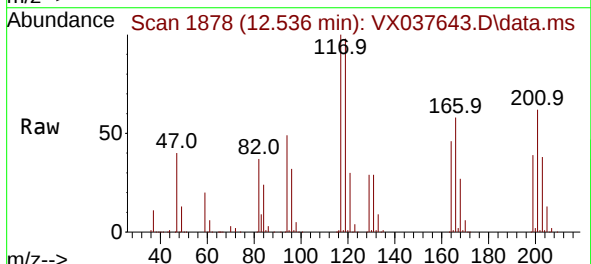
Acq: 11 Sep 2023 15:44

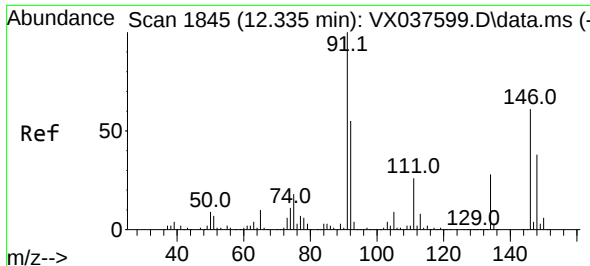
Tgt Ion:117 Resp: 76562

Ion Ratio Lower Upper

117 100

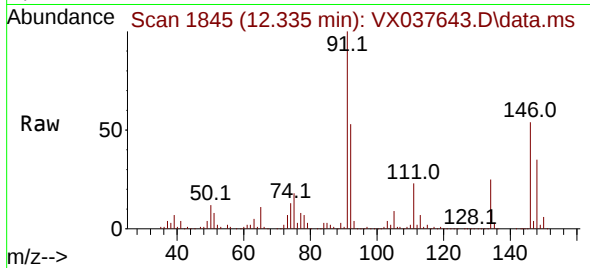
201 68.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.368 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

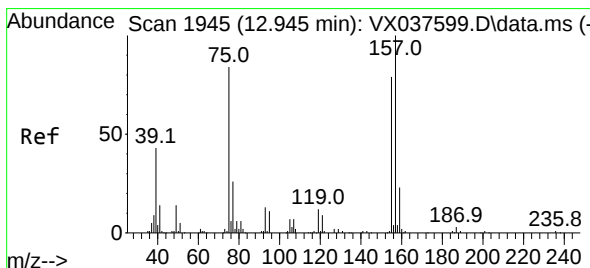
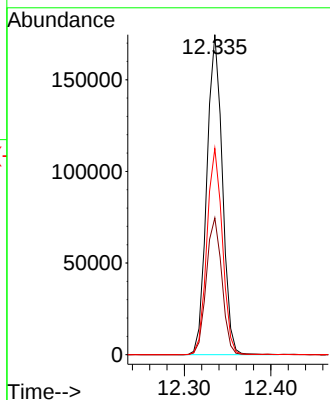
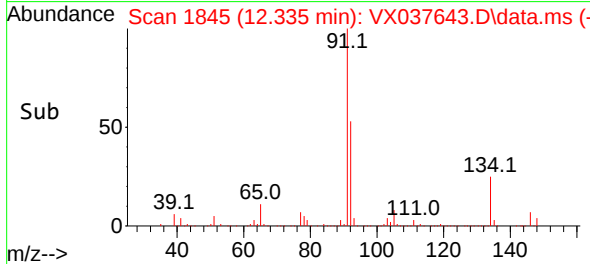
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 146 Resp: 21716
Ion Ratio Lower Upper
146 100
111 43.1 22.4 67.0
148 64.1 31.6 95.0

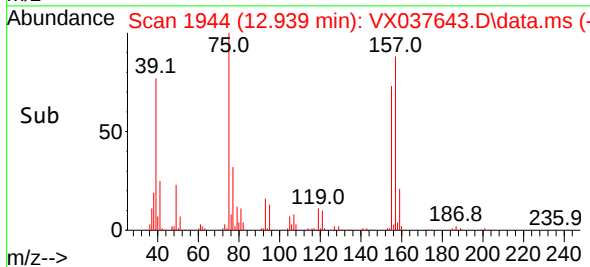
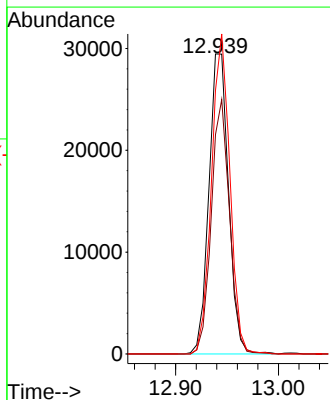
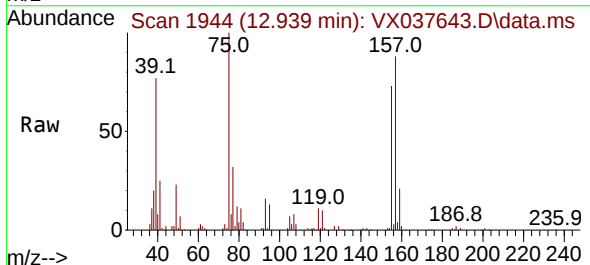
Manual Integrations
APPROVED

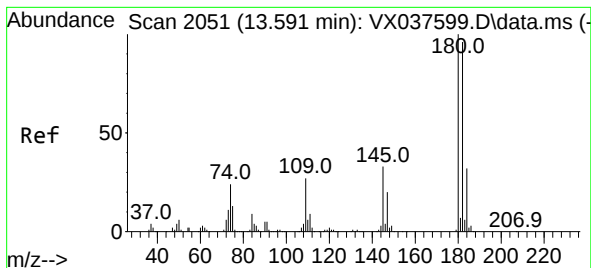
Reviewed By : John Carlone 09/12/2023
Supervised By : Mahesh Dadoda 09/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.668 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

Tgt Ion: 75 Resp: 39068
Ion Ratio Lower Upper
75 100
155 78.7 36.1 108.5
157 99.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.039 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

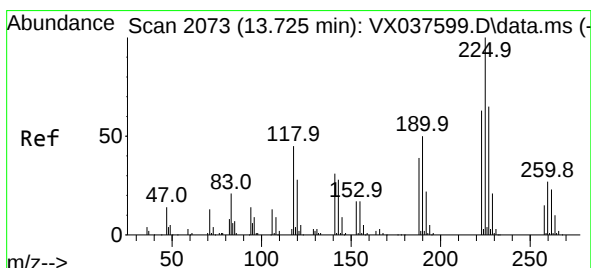
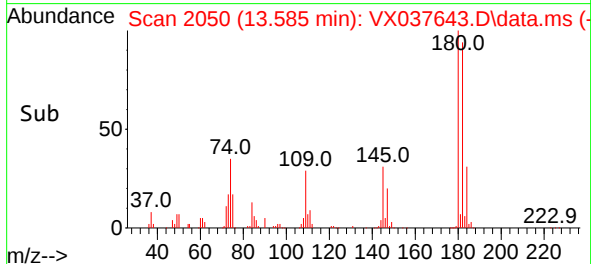
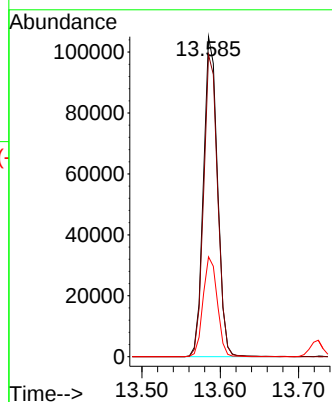
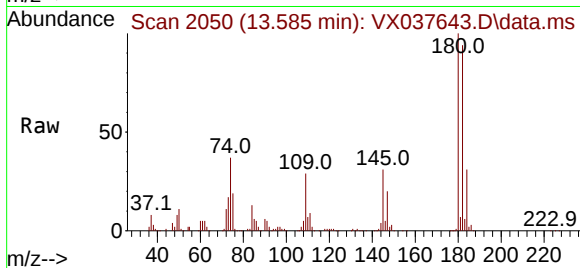
Tgt Ion:180	Resp: 13049
Ion Ratio	Lower Upper
180	100
182	94.5 48.3 144.8
145	31.6 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#94

Hexachlorobutadiene

Concen: 47.172 ug/l

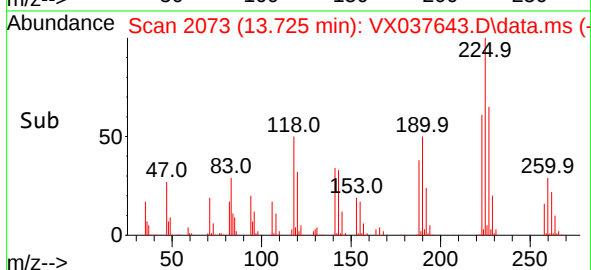
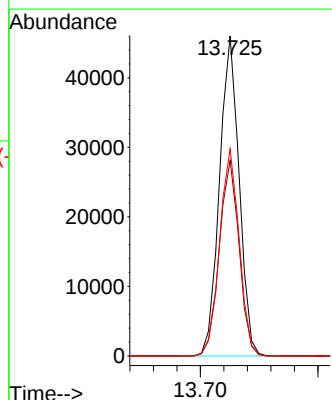
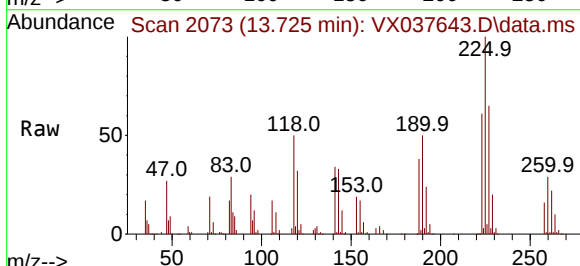
RT: 13.725 min Scan# 2073

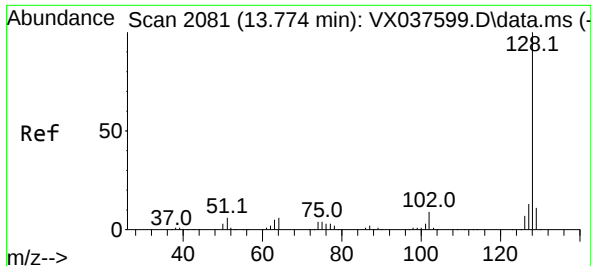
Delta R.T. 0.000 min

Lab File: VX037643.D

Acq: 11 Sep 2023 15:44

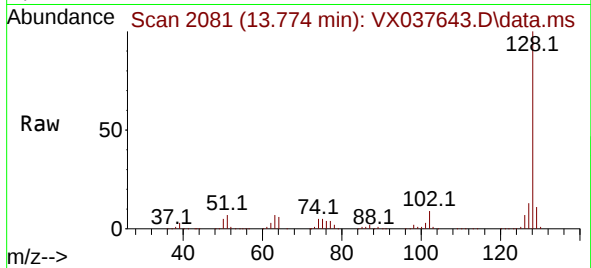
Tgt Ion:225	Resp: 53316
Ion Ratio	Lower Upper
225	100
223	61.7 31.1 93.2
227	64.3 32.5 97.5





#95
Naphthalene
Concen: 50.202 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44

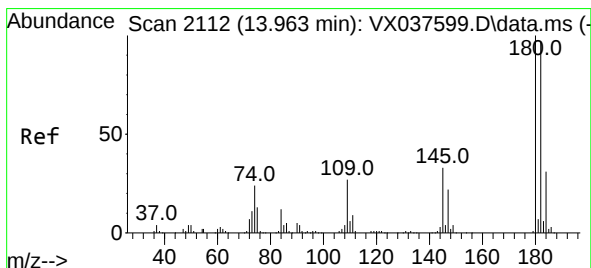
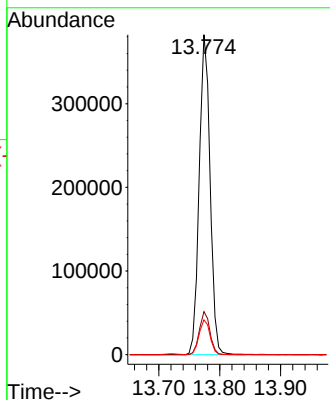
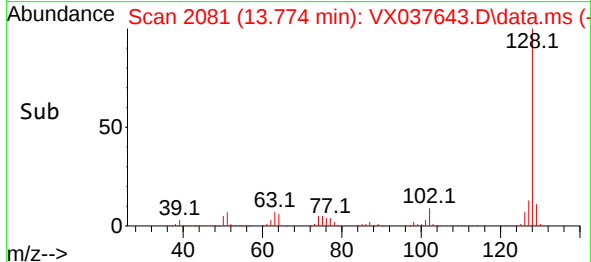
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



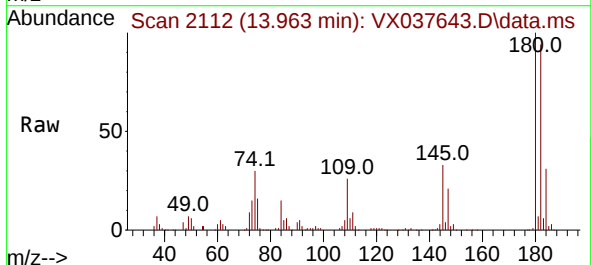
Tgt Ion:128 Resp: 47391
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.642 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037643.D
Acq: 11 Sep 2023 15:44



Tgt Ion:180 Resp: 133500
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.6
145 33.2 17.8 53.5

