

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037718.D
 Acq On : 14 Sep 2023 08:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2023
 Supervised By : Mahesh Dadoda 09/14/2023

Quant Time: Sep 14 08:52:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	192698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	338177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150979	48.426	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.860%		
35) Dibromofluoromethane	5.385	113	124077	51.763	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.520%		
50) Toluene-d8	8.647	98	441638	48.852	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.700%		
62) 4-Bromofluorobenzene	11.079	95	166490	51.047	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	91992	43.543	ug/l	98
3) Chloromethane	1.300	50	112639	46.800	ug/l	100
4) Vinyl Chloride	1.374	62	116474	43.019	ug/l	98
5) Bromomethane	1.599	94	91392	40.355	ug/l	95
6) Chloroethane	1.678	64	85589	45.977	ug/l	99
7) Trichlorofluoromethane	1.886	101	189787	42.368	ug/l	100
8) Diethyl Ether	2.136	74	82885	46.622	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	93409	46.518	ug/l	98
10) Methyl Iodide	2.453	142	139494	58.823	ug/l	93
11) Tert butyl alcohol	2.965	59	171633	266.669	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	94369	47.600	ug/l	87
13) Acrolein	2.233	56	121072	237.680	ug/l	99
14) Allyl chloride	2.660	41	159848	46.025	ug/l	96
15) Acrylonitrile	3.062	53	358964	251.059	ug/l	99
16) Acetone	2.379	43	303632	240.893	ug/l #	89
17) Carbon Disulfide	2.514	76	211416	41.949	ug/l	98
18) Methyl Acetate	2.703	43	267943	50.338	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	406427	51.928	ug/l	99
20) Methylene Chloride	2.788	84	128748	52.902	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	109346	47.939	ug/l	92
22) Diisopropyl ether	3.757	45	383488	50.684	ug/l	94
23) Vinyl Acetate	3.721	43	1396923	253.120	ug/l	95
24) 1,1-Dichloroethane	3.611	63	214665	48.687	ug/l	99
25) 2-Butanone	4.556	43	484670	235.825	ug/l	91
26) 2,2-Dichloropropane	4.477	77	84883	27.676	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	140989	50.689	ug/l	85
28) Bromochloromethane	4.897	49	111291	49.961	ug/l	85
29) Tetrahydrofuran	5.001	42	313686	239.679	ug/l	89
30) Chloroform	5.092	83	236256	49.616	ug/l	99
31) Cyclohexane	5.470	56	157161	43.776	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	194055	48.966	ug/l	97
36) 1,1-Dichloropropene	5.696	75	146205	44.837	ug/l	97
37) Ethyl Acetate	4.714	43	188774	50.594	ug/l	97
38) Carbon Tetrachloride	5.678	117	160442	48.162	ug/l	96
39) Methylcyclohexane	7.379	83	172918	44.814	ug/l	95
40) Benzene	6.037	78	484386	49.000	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	99573	50.666	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	188399	48.761	ug/l	97
43) Isopropyl Acetate	6.342	43	307399	51.642	ug/l	96
44) Trichloroethene	7.123	130	122017	49.402	ug/l	100
45) 1,2-Dichloropropane	7.427	63	131846	50.538	ug/l	98
46) Dibromomethane	7.580	93	98528	51.913	ug/l	94
47) Bromodichloromethane	7.824	83	182693	53.321	ug/l	98
48) Methyl methacrylate	7.689	41	148529	51.619	ug/l #	88
49) 1,4-Dioxane	7.659	88	79204	1111.010	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	1003233	256.671	ug/l	95
52) Toluene	8.720	92	308285	48.503	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	176627	50.847	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	191380	50.209	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	142885	53.386	ug/l	95
56) Ethyl methacrylate	9.116	69	221489	54.088	ug/l	91
57) 1,3-Dichloropropane	9.311	76	230384	51.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	534865	269.378	ug/l	100
59) 2-Hexanone	9.433	43	779455	258.349	ug/l	95
60) Dibromochloromethane	9.518	129	146430	55.700	ug/l	100
61) 1,2-Dibromoethane	9.610	107	152749	53.096	ug/l	100
64) Tetrachloroethene	9.275	164	106961	51.650	ug/l	99
65) Chlorobenzene	10.079	112	339647	49.855	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	132756	56.541	ug/l	99
67) Ethyl Benzene	10.195	91	597527	49.285	ug/l	99
68) m/p-Xylenes	10.299	106	462031	99.945	ug/l	97
69) o-Xylene	10.640	106	235855	51.172	ug/l	98
70) Styrene	10.652	104	392427	52.188	ug/l	96
71) Bromoform	10.799	173	111101	60.471	ug/l #	99
73) Isopropylbenzene	10.963	105	596643	47.442	ug/l	98
74) N-amyl acetate	10.841	43	283454	51.687	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	236523	50.257	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	187323m	50.725	ug/l	
77) Bromobenzene	11.201	156	154894	51.972	ug/l	90
78) n-propylbenzene	11.305	91	693320	47.918	ug/l	100
79) 2-Chlorotoluene	11.366	91	421284	47.301	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	524461	49.620	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	53969	44.423	ug/l	90
82) 4-Chlorotoluene	11.451	91	492229	48.381	ug/l	97
83) tert-Butylbenzene	11.713	119	508264	47.867	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	522194	49.004	ug/l	98
85) sec-Butylbenzene	11.890	105	630863	48.125	ug/l	99
86) p-Isopropyltoluene	12.012	119	530220	49.360	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	283270	49.500	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	282899	48.102	ug/l	98
89) n-Butylbenzene	12.329	91	462339	47.523	ug/l	97
90) Hexachloroethane	12.536	117	91805	50.648	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	292069	51.012	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	49875	51.611	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	175554	51.486	ug/l	96
94) Hexachlorobutadiene	13.725	225	73568	51.651	ug/l	99
95) Naphthalene	13.774	128	648764	52.526	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	181728	51.944	ug/l	98

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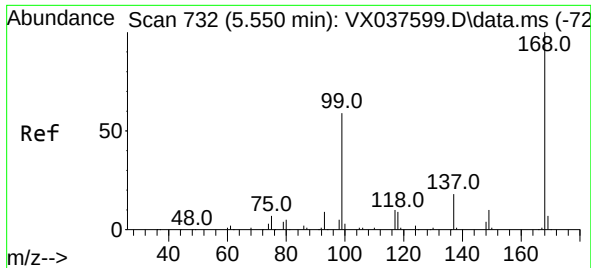
Manual Integrations
APPROVED

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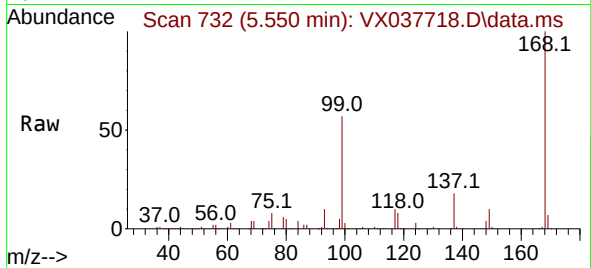
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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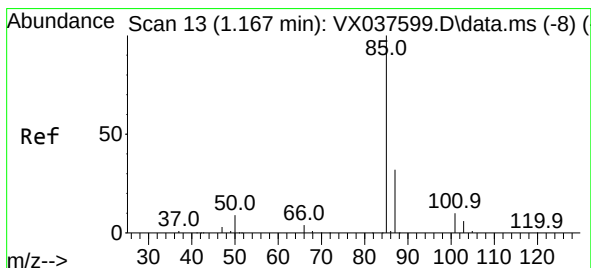
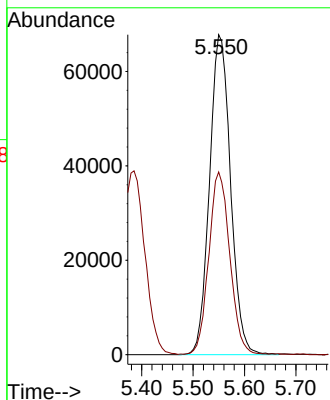
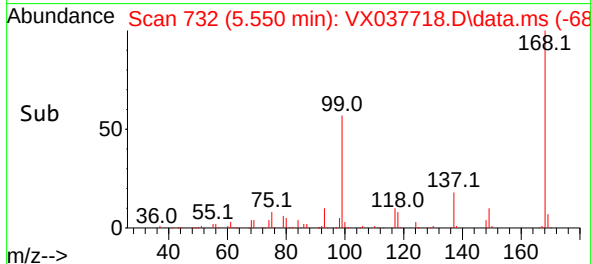
Instrument :
MSVOA_X
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VSTDCCC050EC



Tgt Ion:168 Resp: 192698
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0

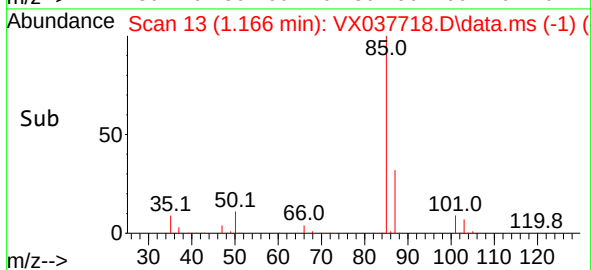
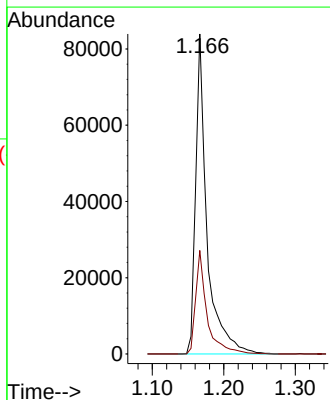
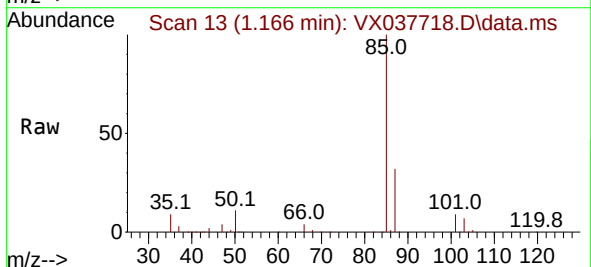
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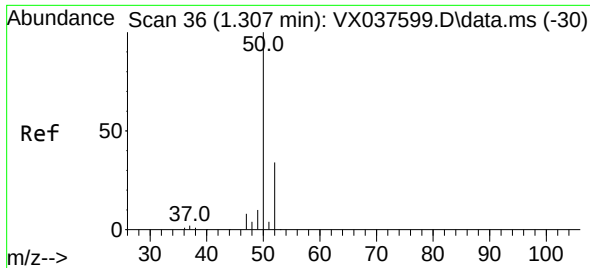
Reviewed By :John Carlone 09/14/2023
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#2
Dichlorodifluoromethane
Concen: 43.543 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Tgt Ion: 85 Resp: 91992
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





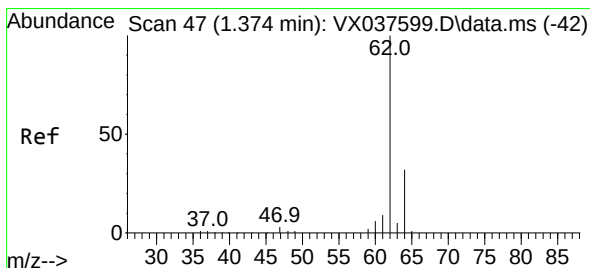
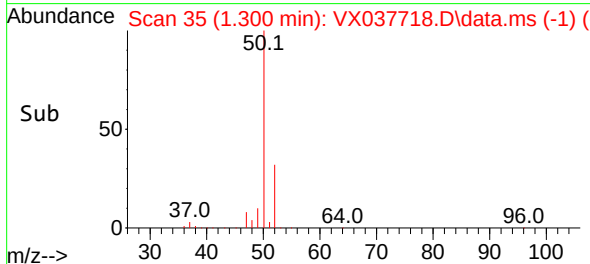
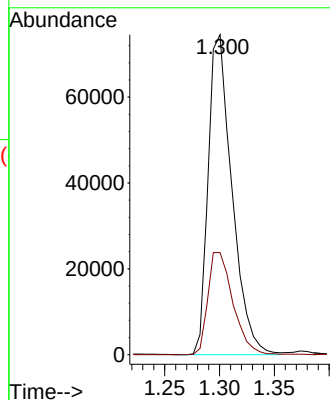
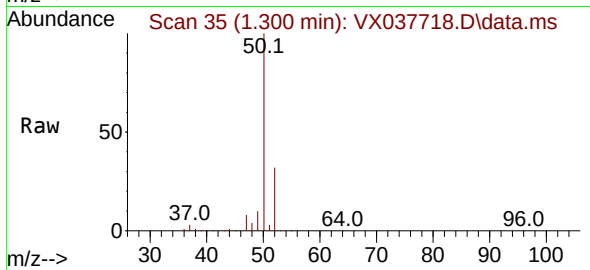
#3
Chloromethane
Concen: 46.800 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

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Tgt Ion: 50 Resp: 112639
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

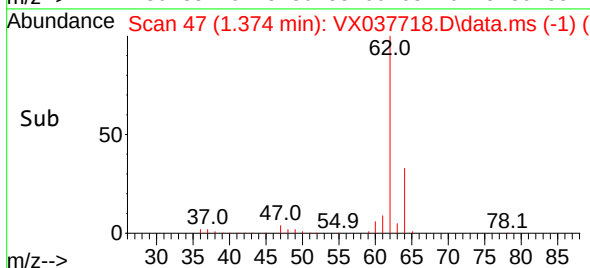
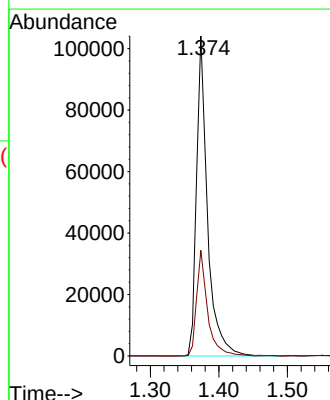
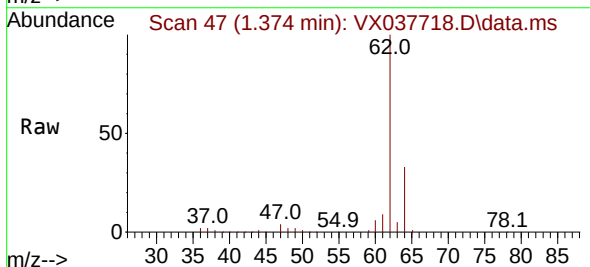
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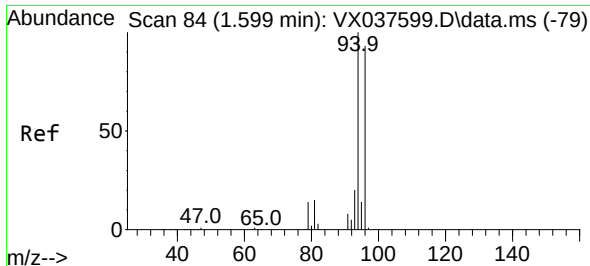
Reviewed By :John Carlone 09/14/2023
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#4
Vinyl Chloride
Concen: 43.019 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037718.D
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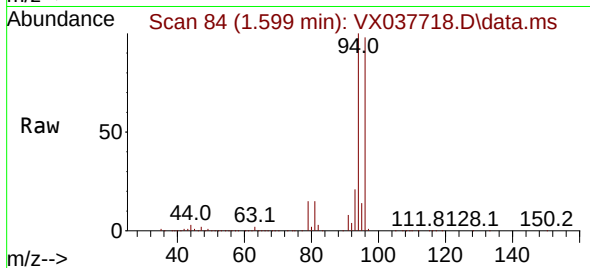
Tgt Ion: 62 Resp: 116474
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0





#5
Bromomethane
Concen: 40.355 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

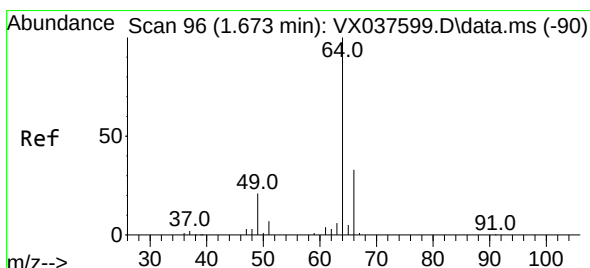
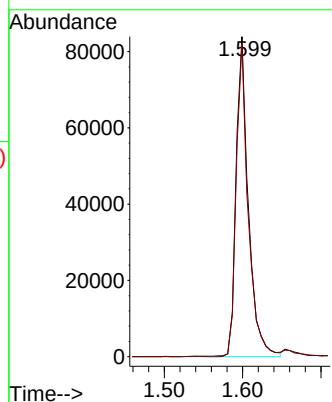
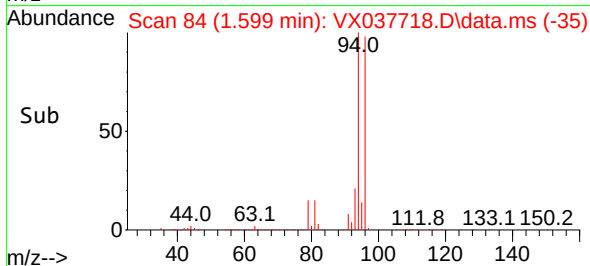
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Tgt Ion: 94 Resp: 91392
Ion Ratio Lower Upper
94 100
96 97.7 74.6 111.8

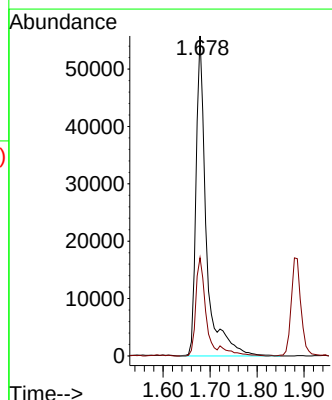
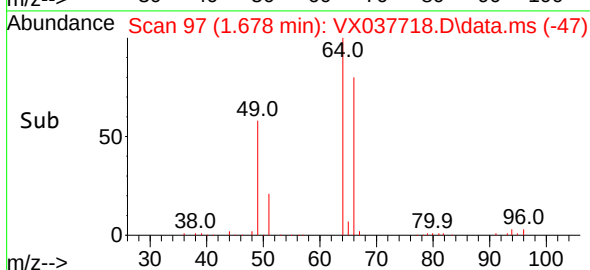
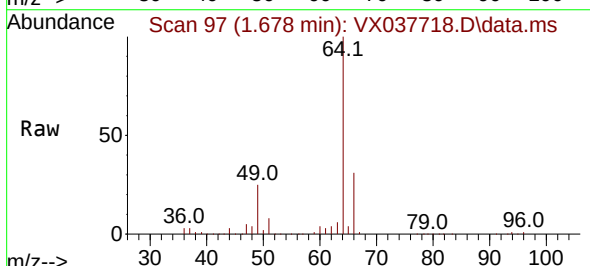
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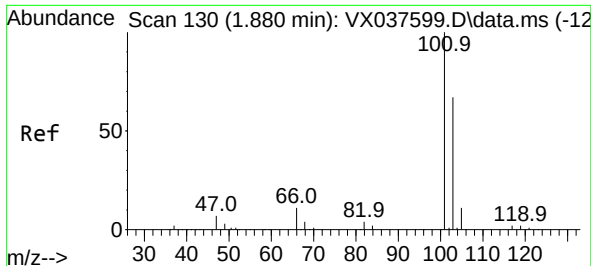
Reviewed By :John Carlone 09/14/2023
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#6
Chloroethane
Concen: 45.977 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.005 min
Lab File: VX037718.D
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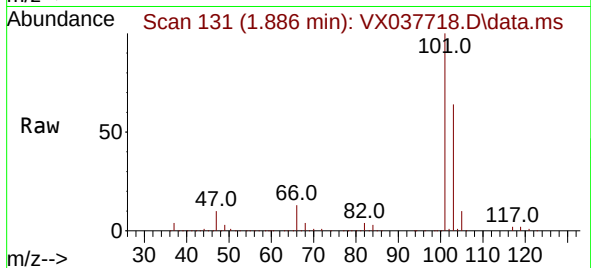
Tgt Ion: 64 Resp: 85589
Ion Ratio Lower Upper
64 100
66 30.7 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 42.368 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX037718.D
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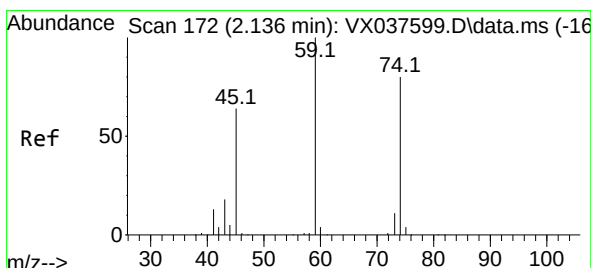
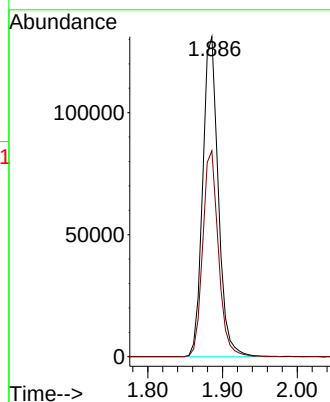
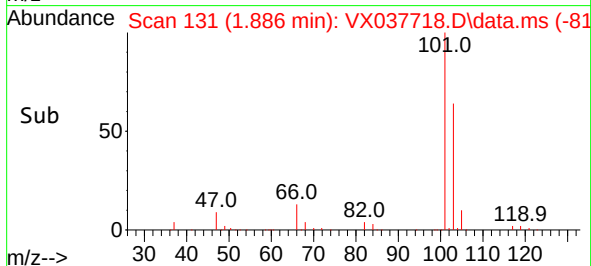
Instrument :
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 VSTDCCC050EC



Tgt Ion:101 Resp: 18978
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.2

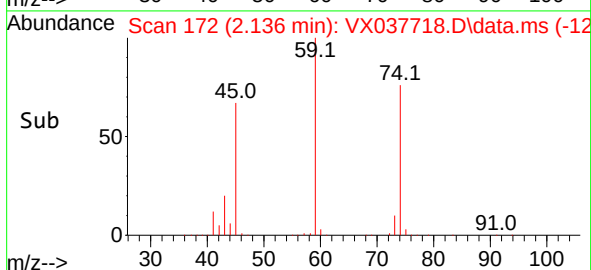
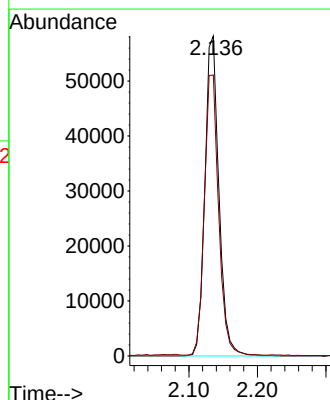
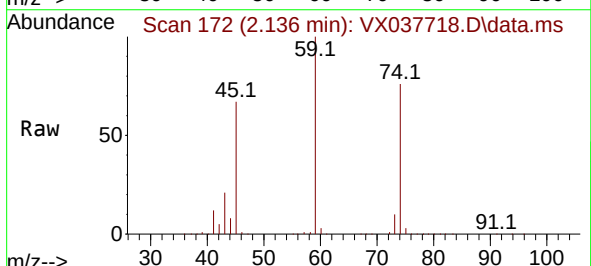
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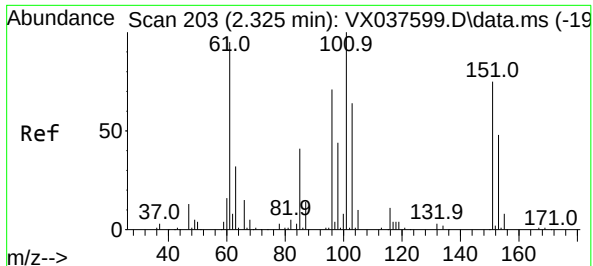
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#8
 Diethyl Ether
 Concen: 46.622 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 82885
 Ion Ratio Lower Upper
 74 100
 45 89.0 53.3 159.8





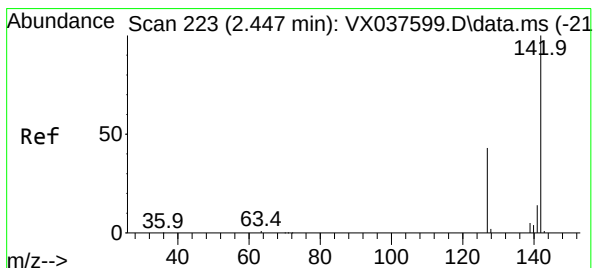
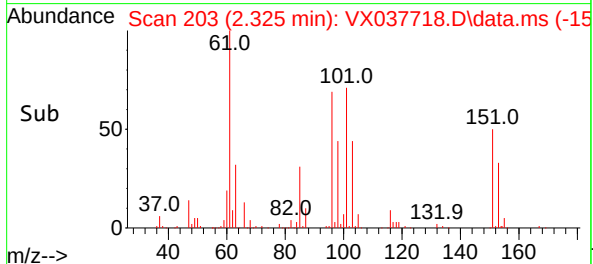
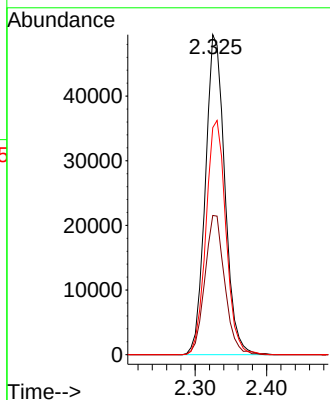
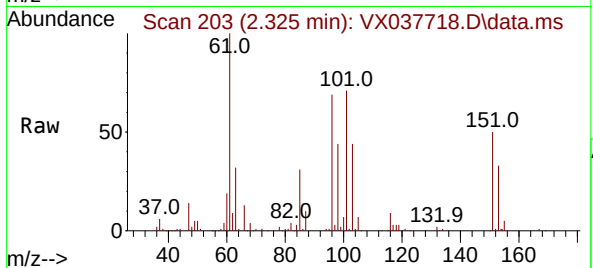
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.518 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 93409
Ion Ratio Lower Upper
101 100
85 44.5 37.0 55.6
151 75.1 58.6 87.8

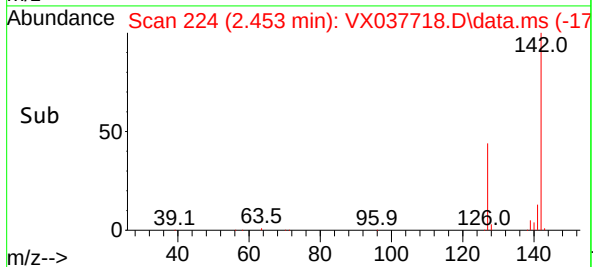
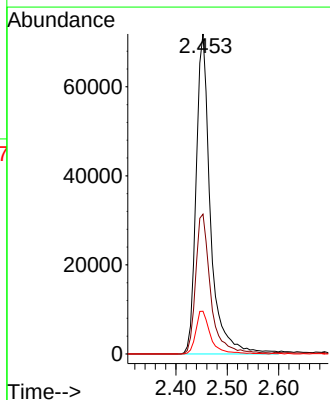
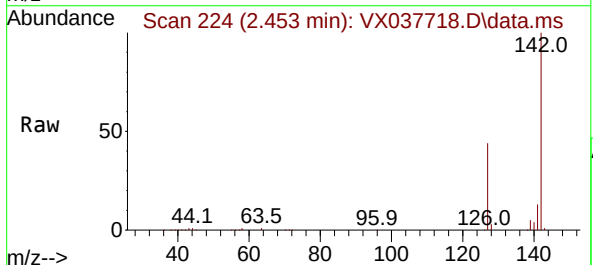
Manual Integrations
APPROVED

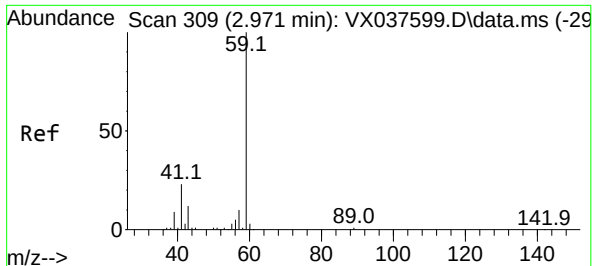
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#10
Methyl Iodide
Concen: 58.823 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

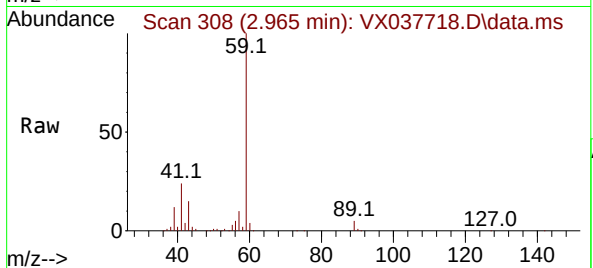
Tgt Ion:142 Resp: 139494
Ion Ratio Lower Upper
142 100
127 46.1 41.6 62.4
141 13.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 266.669 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

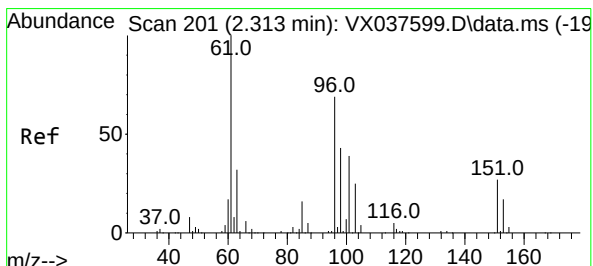
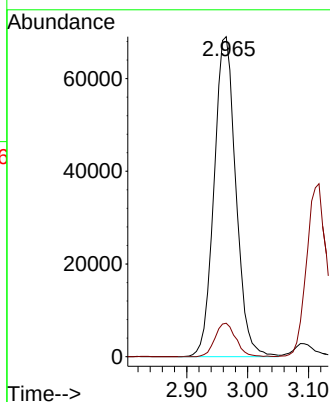
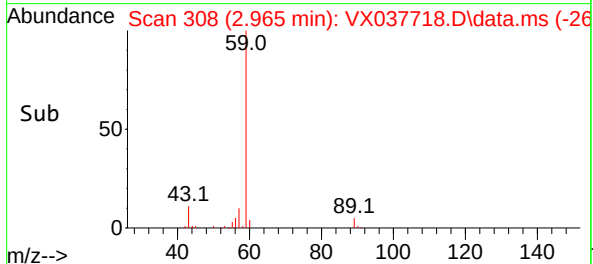
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 17163
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

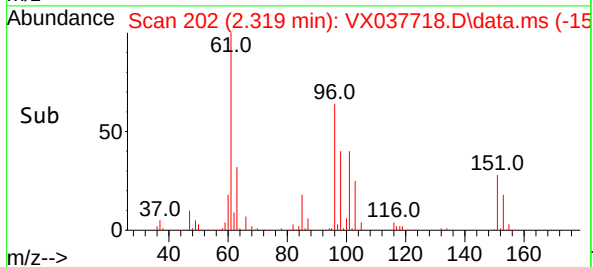
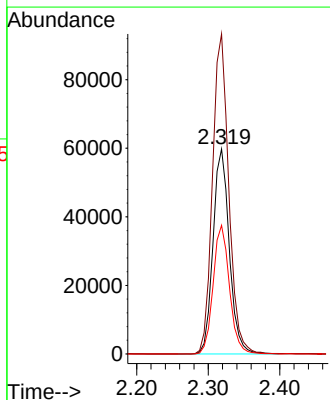
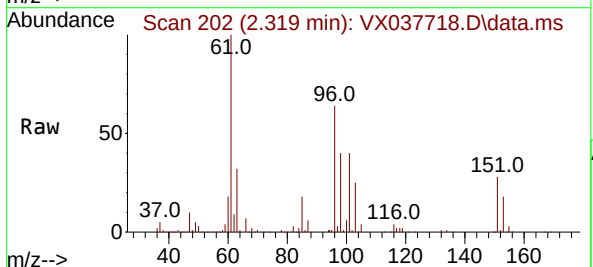
Manual Integrations
APPROVED

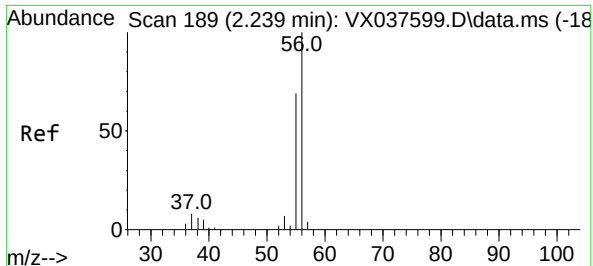
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#12
1,1-Dichloroethene
Concen: 47.600 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

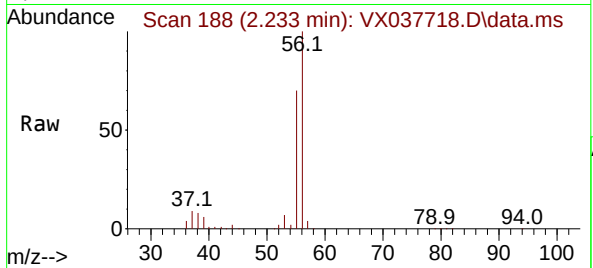
Tgt Ion: 96 Resp: 94369
Ion Ratio Lower Upper
96 100
61 156.1 144.6 216.8
98 62.8 50.4 75.6





#13
Acrolein
Concen: 237.680 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

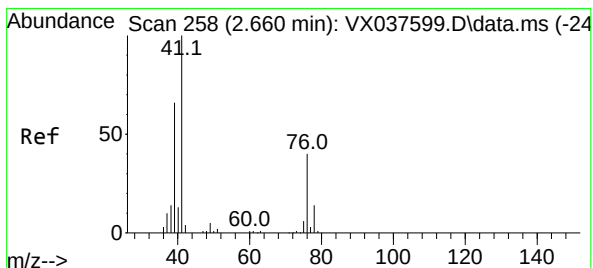
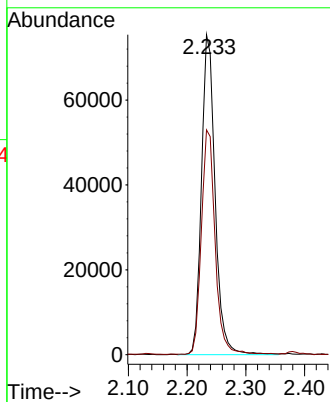
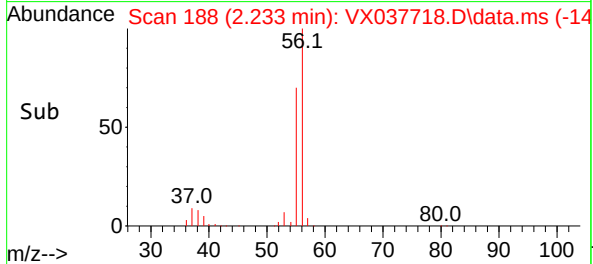
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 121072
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7

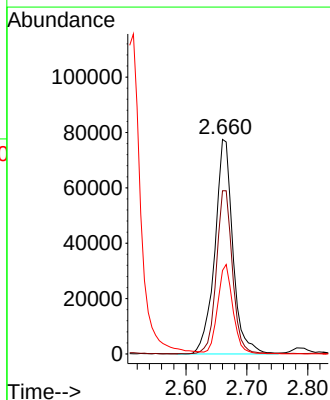
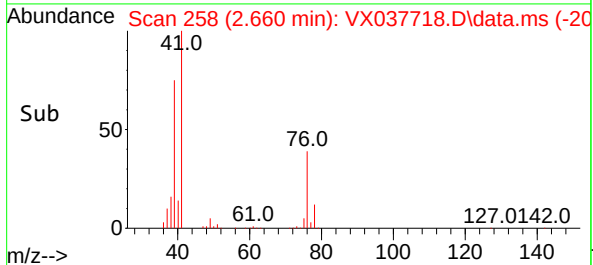
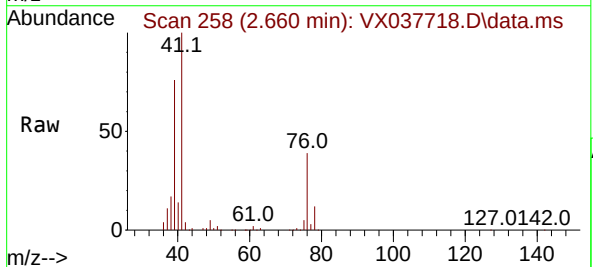
Manual Integrations
APPROVED

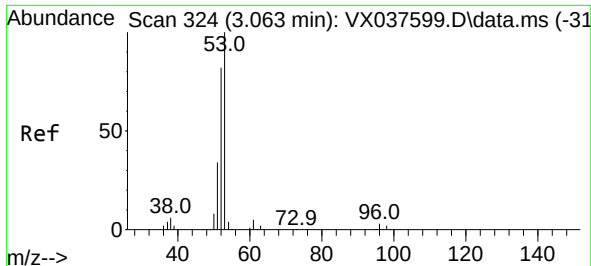
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#14
Allyl chloride
Concen: 46.025 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

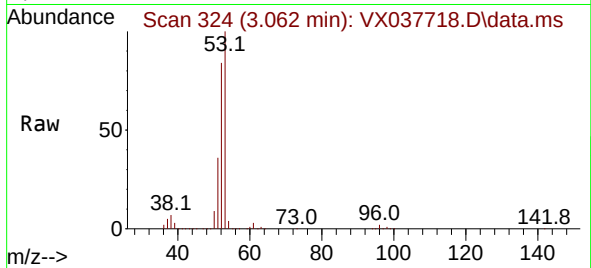
Tgt Ion: 41 Resp: 159848
Ion Ratio Lower Upper
41 100
39 67.4 55.8 83.6
76 34.9 24.3 36.5





#15
Acrylonitrile
Concen: 251.059 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

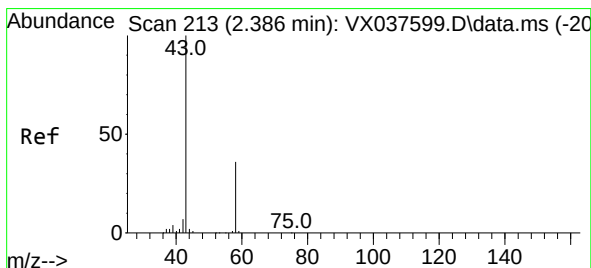
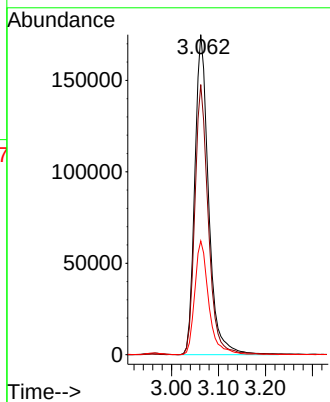
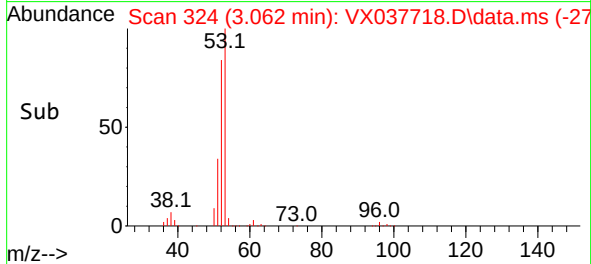
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 358964
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 35.9 29.8 44.6

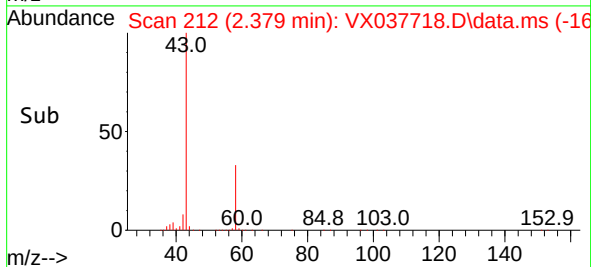
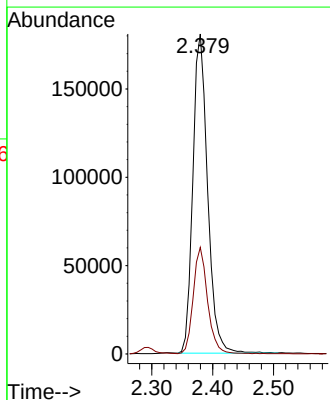
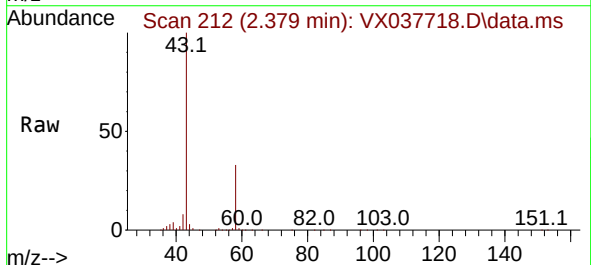
Manual Integrations
APPROVED

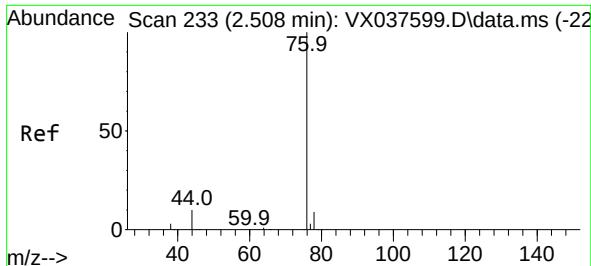
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#16
Acetone
Concen: 240.893 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Tgt Ion: 43 Resp: 303632
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#





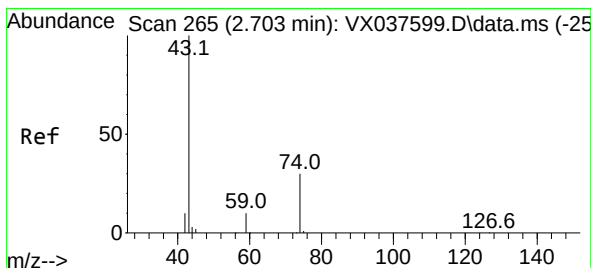
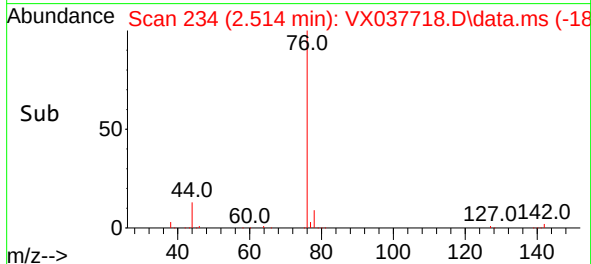
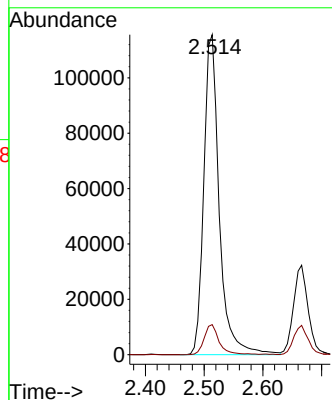
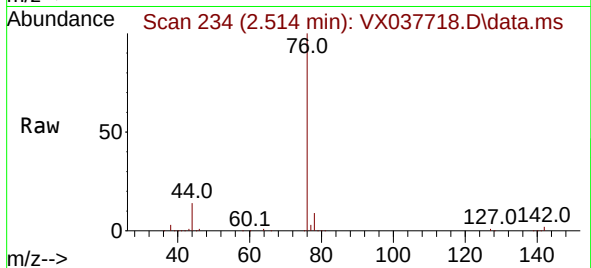
#17
Carbon Disulfide
Concen: 41.949 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 211410
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

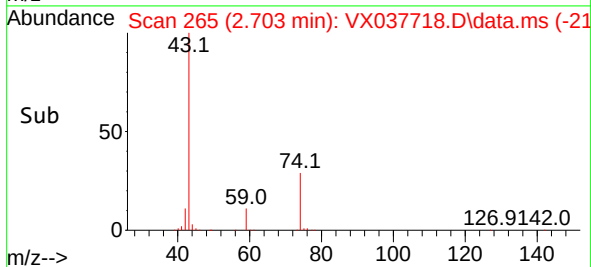
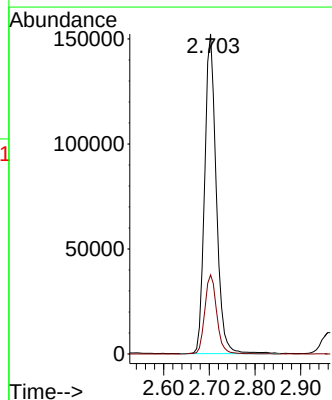
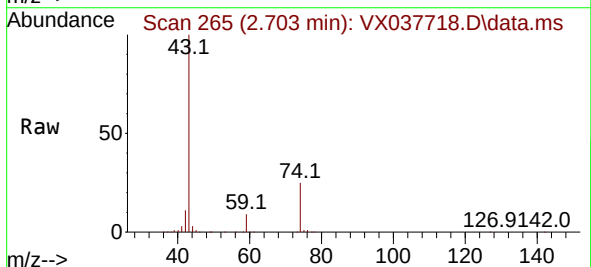
Manual Integrations
APPROVED

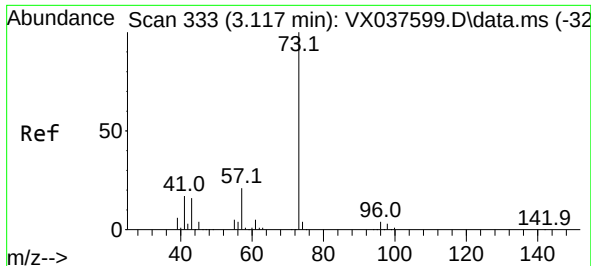
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#18
Methyl Acetate
Concen: 50.338 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

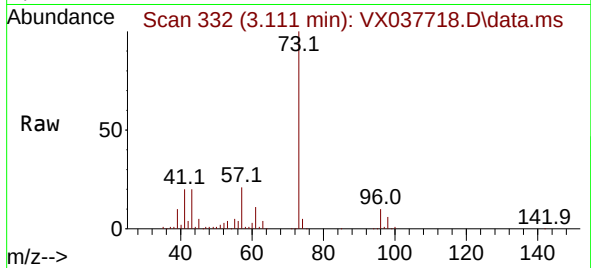
Tgt Ion: 43 Resp: 267943
Ion Ratio Lower Upper
43 100
74 25.5 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 51.928 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

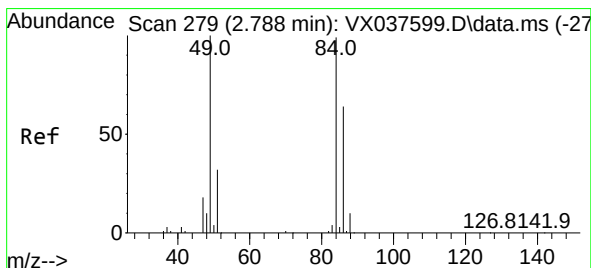
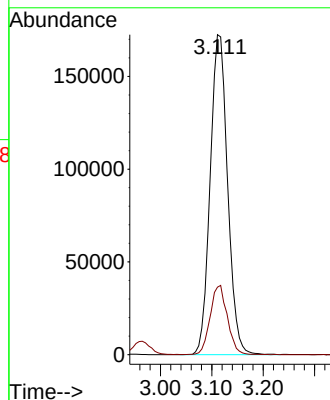
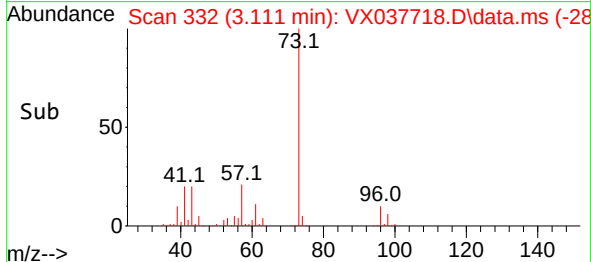
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 40642
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

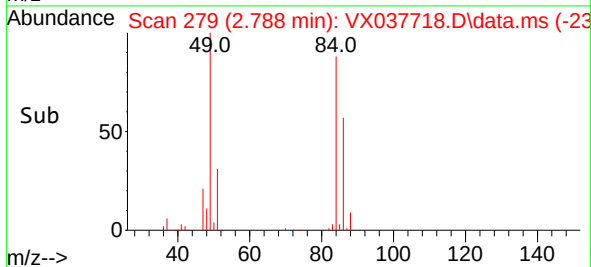
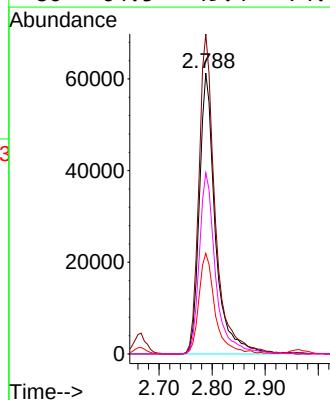
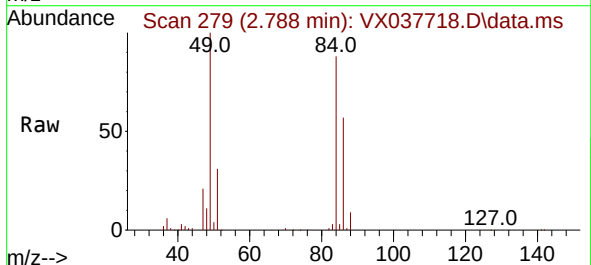
Manual Integrations
APPROVED

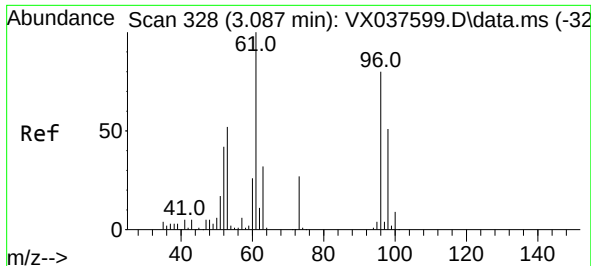
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#20
Methylene Chloride
Concen: 52.902 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

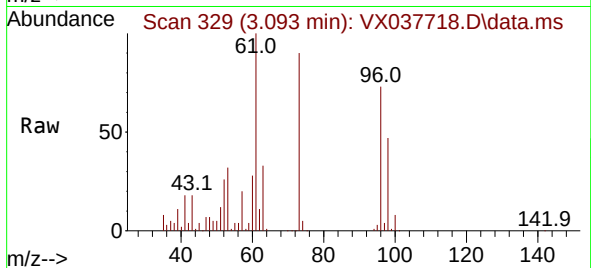
Tgt Ion: 84 Resp: 128748
Ion Ratio Lower Upper
84 100
49 114.0 103.6 155.4
51 35.8 33.8 50.6
86 64.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.939 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

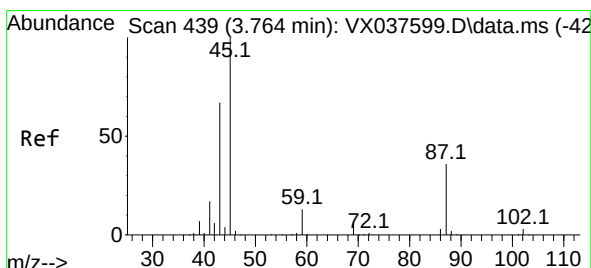
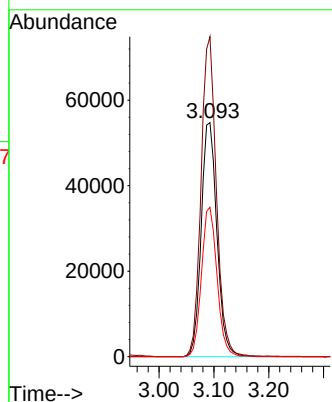
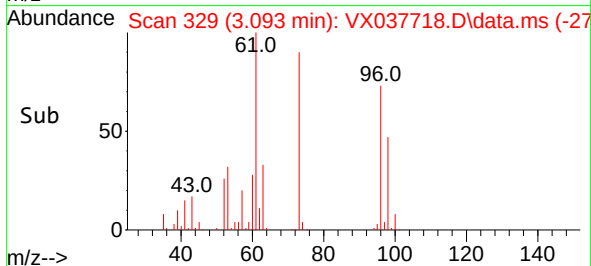
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 109340
Ion Ratio Lower Upper
96 100
61 136.7 119.2 178.8
98 63.9 48.7 73.1

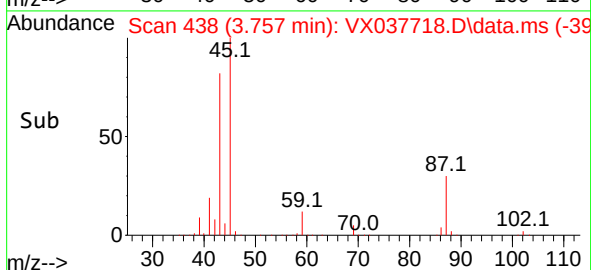
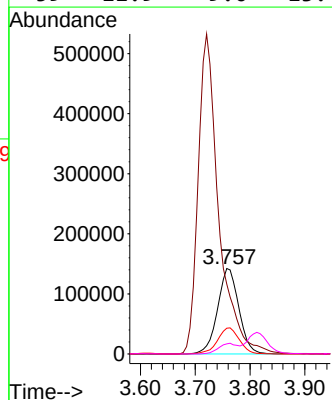
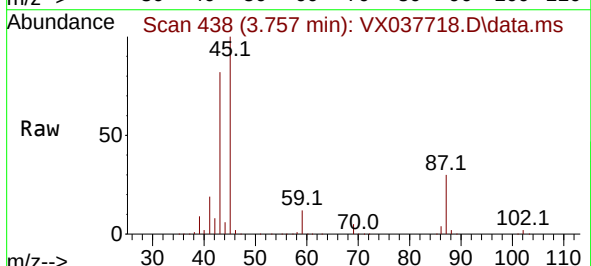
Manual Integrations
APPROVED

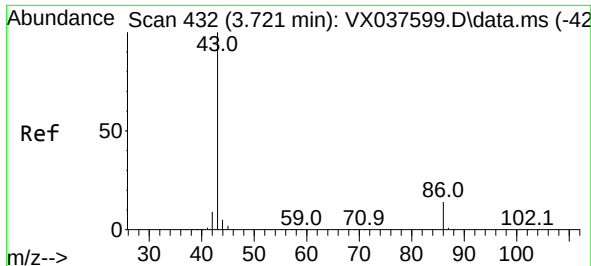
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#22
Diisopropyl ether
Concen: 50.684 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

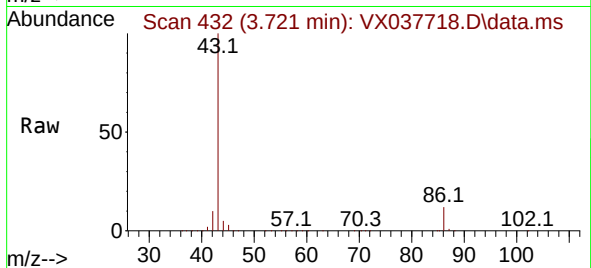
Tgt Ion: 45 Resp: 383488
Ion Ratio Lower Upper
45 100
43 81.6 69.7 104.5
87 30.1 20.8 31.2
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 253.120 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX037718.D
 Acq: 14 Sep 2023 08:12

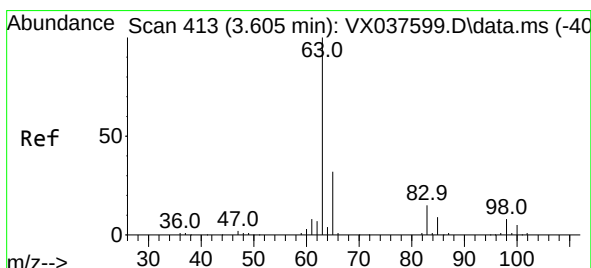
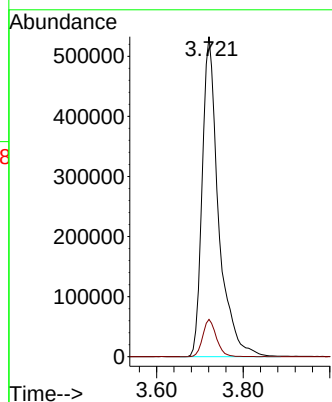
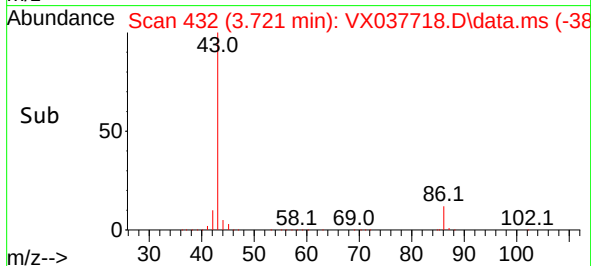
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



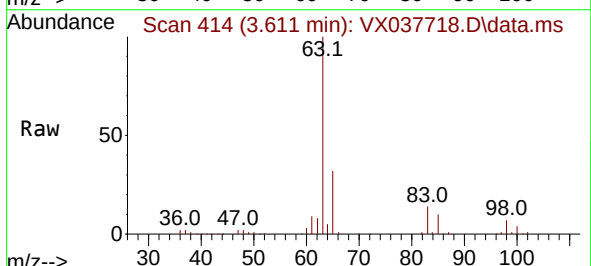
Tgt Ion: 43 Resp: 139692
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8

Manual Integrations
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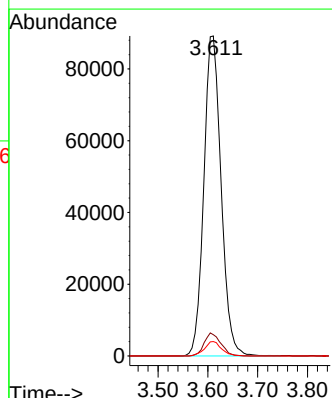
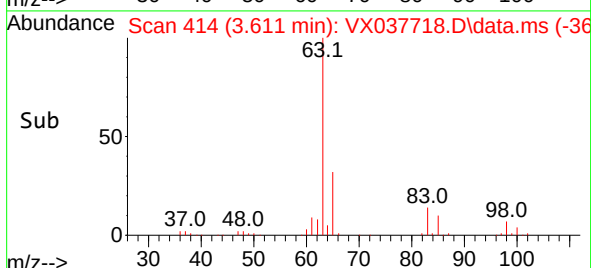
Reviewed By :John Carlone 09/14/2023
 Supervised By :Mahesh Dadoda 09/14/2023

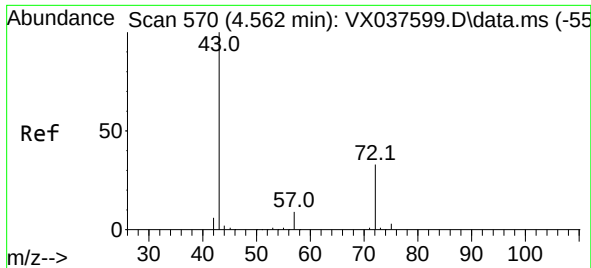


#24
 1,1-Dichloroethane
 Concen: 48.687 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037718.D
 Acq: 14 Sep 2023 08:12



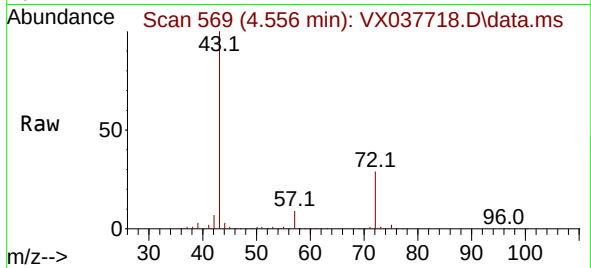
Tgt Ion: 63 Resp: 214665
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.5 2.1 6.5





#25
2-Butanone
Concen: 235.825 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

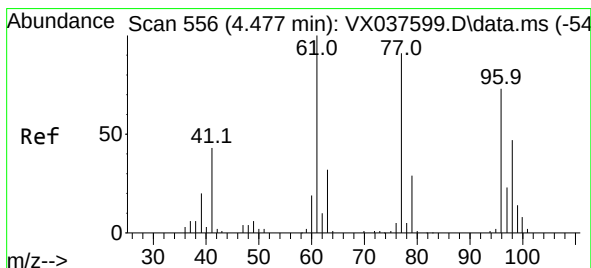
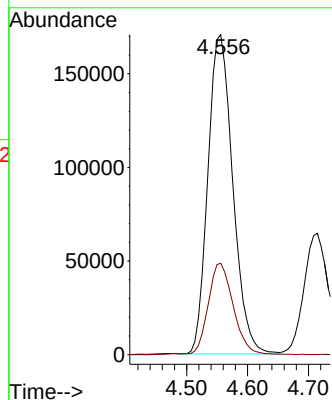
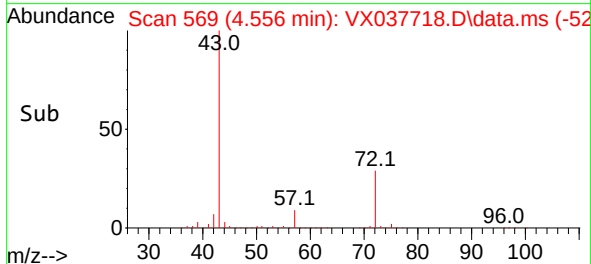
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 484670
Ion Ratio Lower Upper
43 100
72 28.5 19.4 29.2

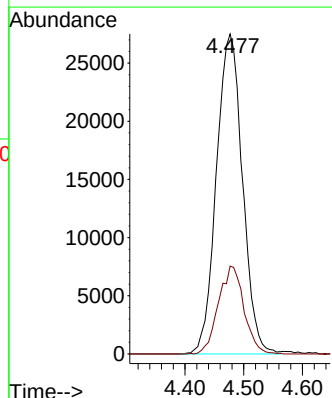
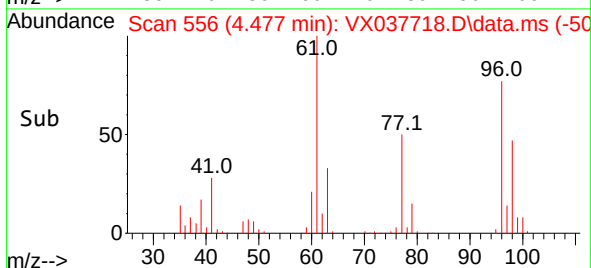
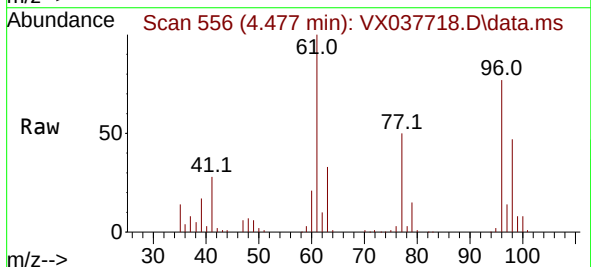
Manual Integrations
APPROVED

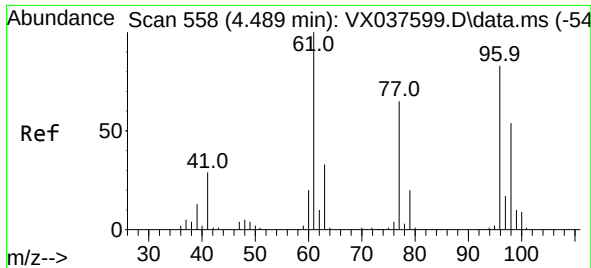
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#26
2,2-Dichloropropane
Concen: 27.676 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Tgt Ion: 77 Resp: 84883
Ion Ratio Lower Upper
77 100
97 26.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.689 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 140989

Ion Ratio Lower Upper

96 100

61 129.6 0.0 312.2

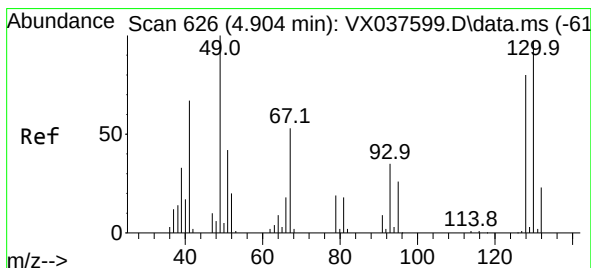
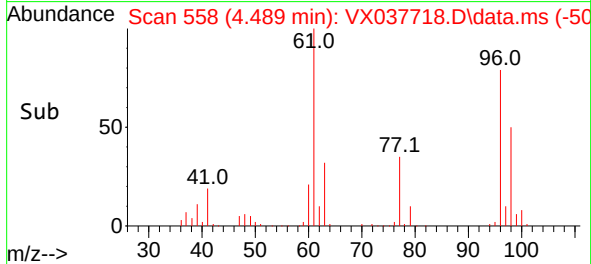
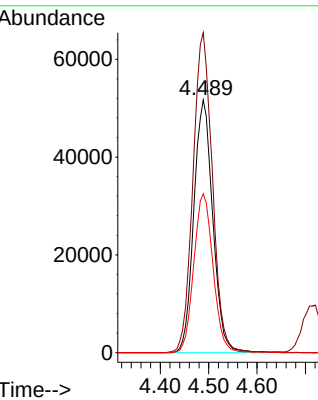
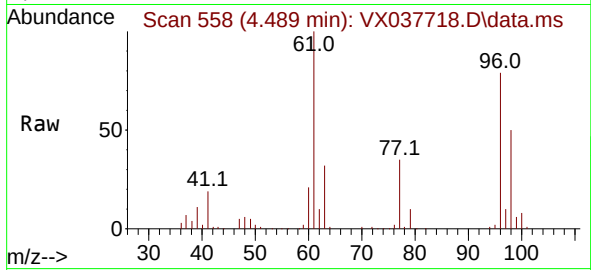
98 63.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#28

Bromochloromethane

Concen: 49.961 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

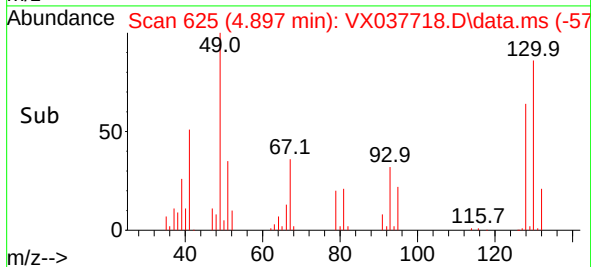
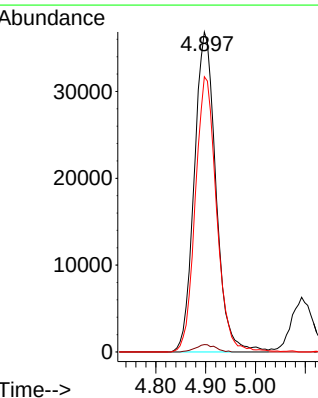
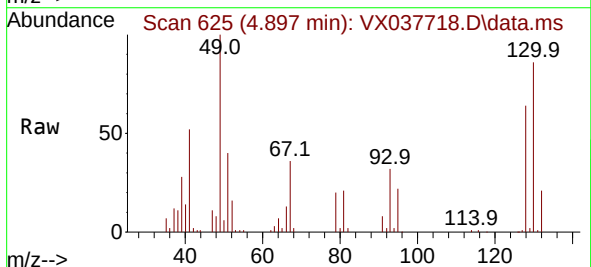
Tgt Ion: 49 Resp: 111291

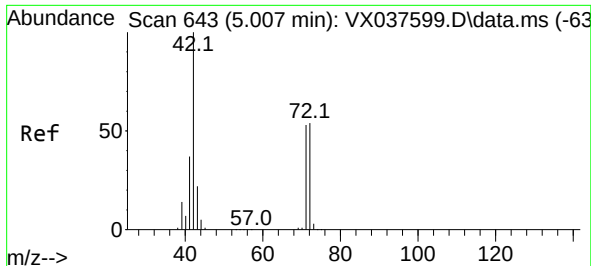
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 84.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 239.679 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 31368

Ion Ratio Lower Upper

42 100

72 49.7 34.2 51.4

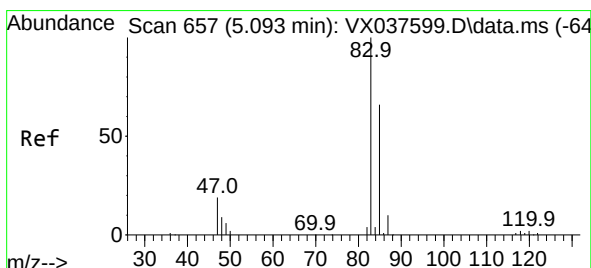
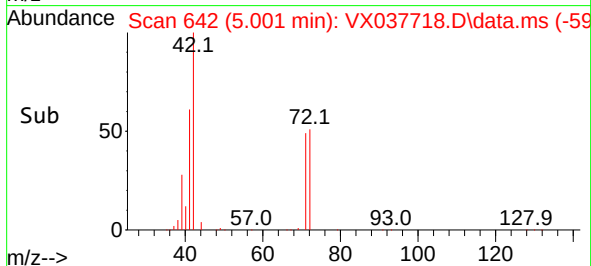
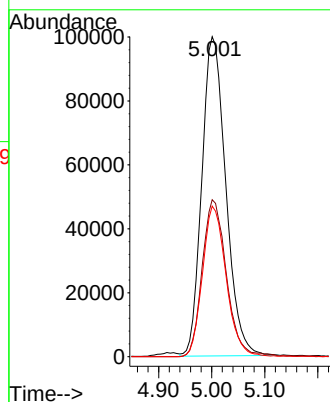
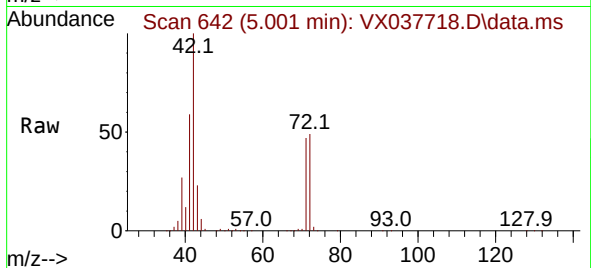
71 46.5 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#30

Chloroform

Concen: 49.616 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037718.D

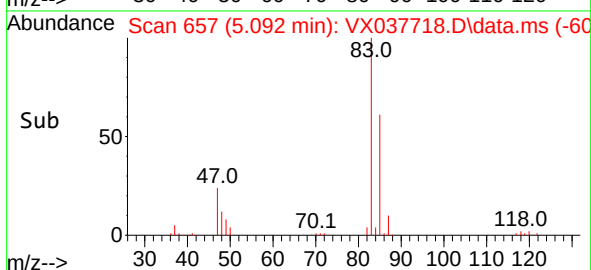
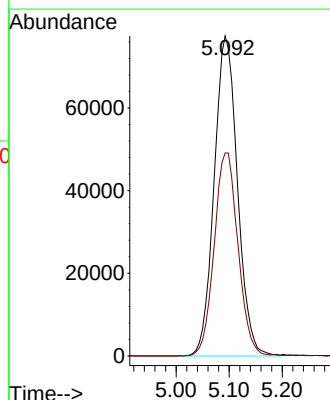
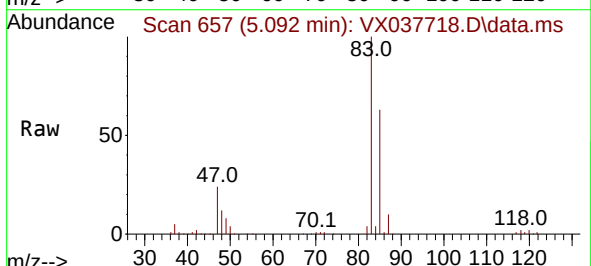
Acq: 14 Sep 2023 08:12

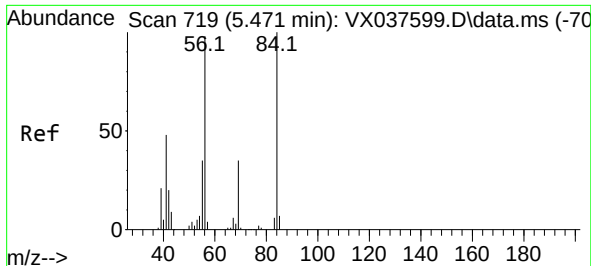
Tgt Ion: 83 Resp: 236256

Ion Ratio Lower Upper

83 100

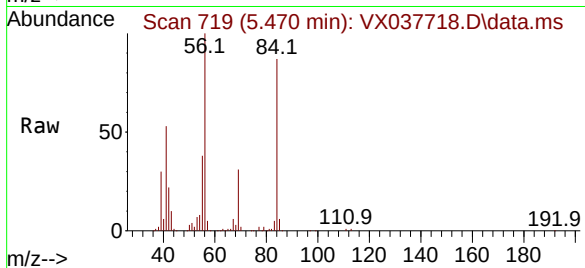
85 63.4 50.3 75.5





#31
Cyclohexane
Concen: 43.776 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

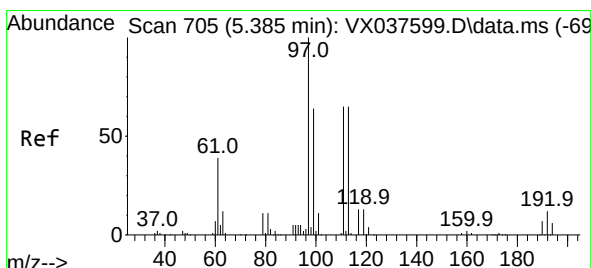
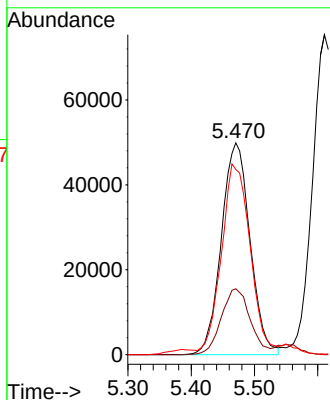
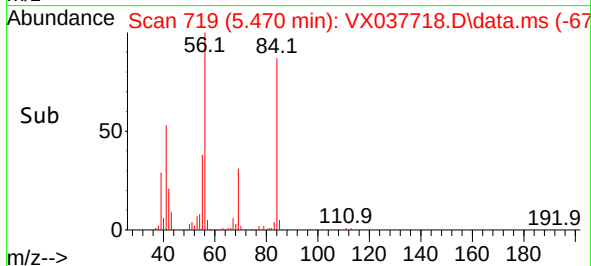
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 15716
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 85.3 65.9 98.9

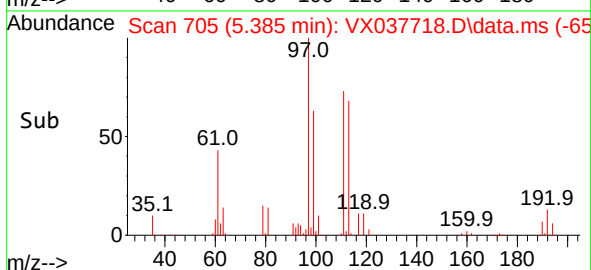
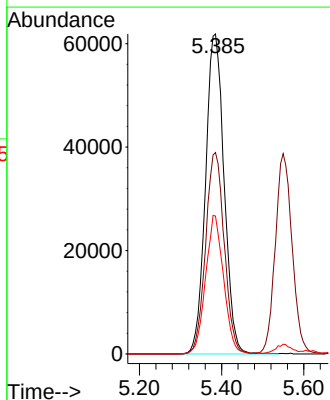
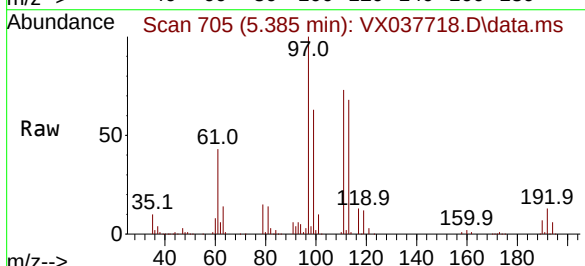
Manual Integrations
APPROVED

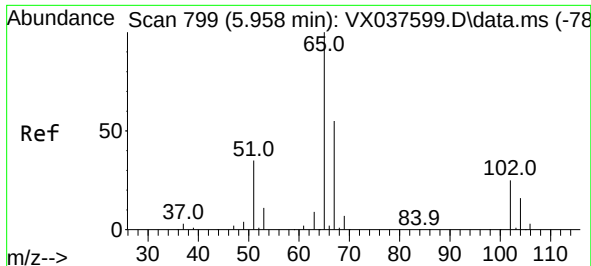
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#32
1,1,1-Trichloroethane
Concen: 48.966 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Tgt Ion: 97 Resp: 194055
Ion Ratio Lower Upper
97 100
99 63.2 51.1 76.7
61 42.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.426 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 150979

Ion Ratio Lower Upper

65 100

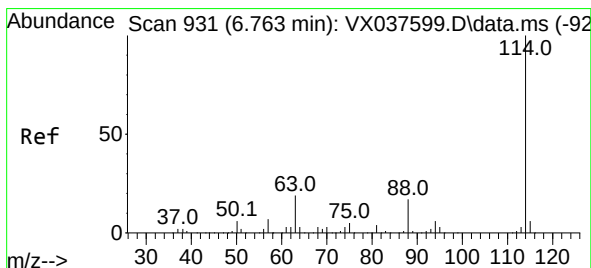
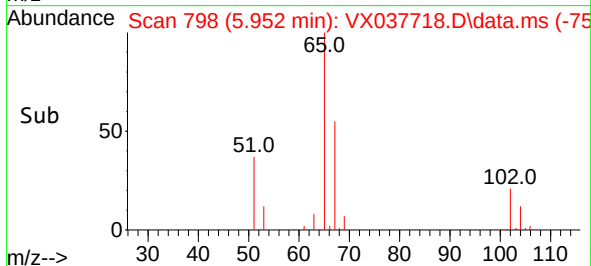
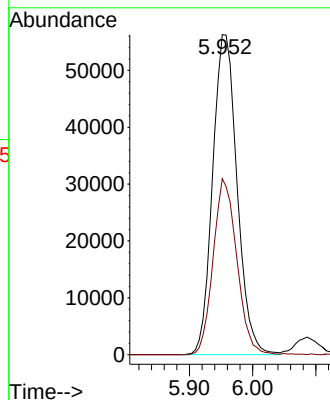
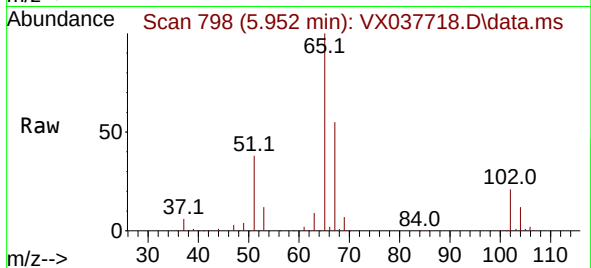
67 53.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

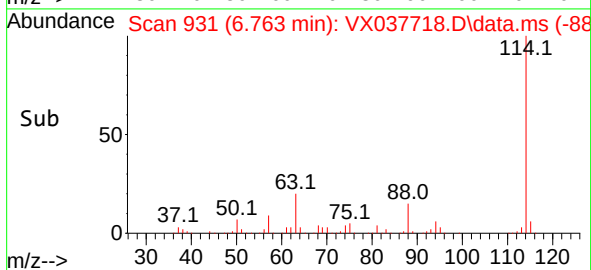
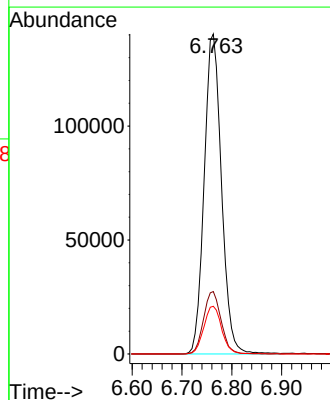
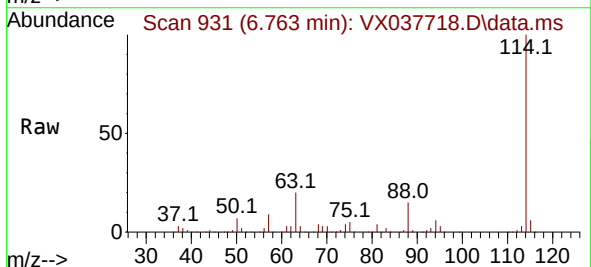
Tgt Ion:114 Resp: 338177

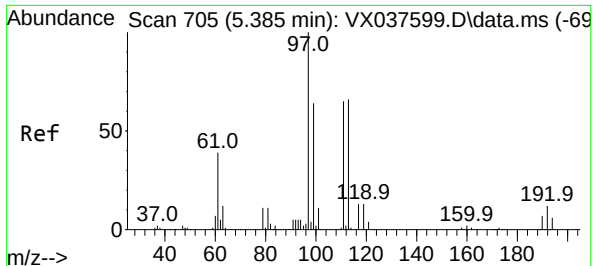
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 14.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.763 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037718.D

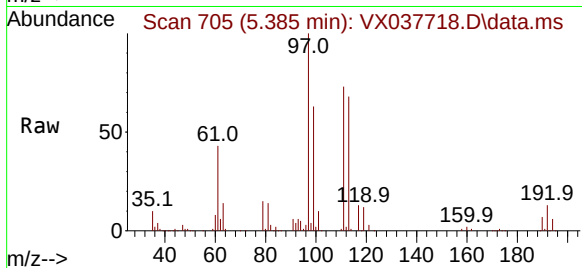
Acq: 14 Sep 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



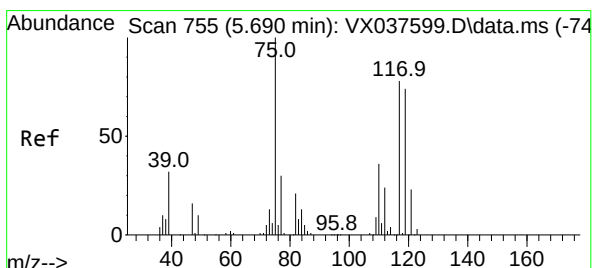
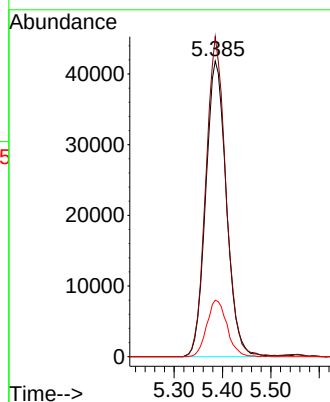
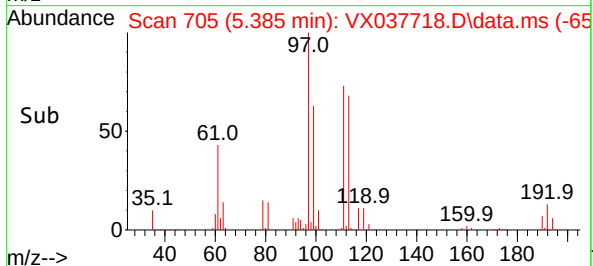
Tgt Ion:	113	Resp:	12407
Ion Ratio	Lower	Upper	
113	100		
111	105.0	82.9	124.3
192	18.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#36

1,1-Dichloropropene

Concen: 44.837 ug/l

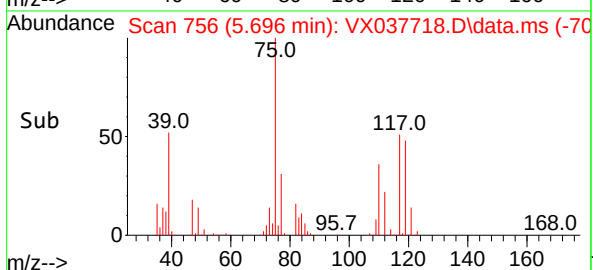
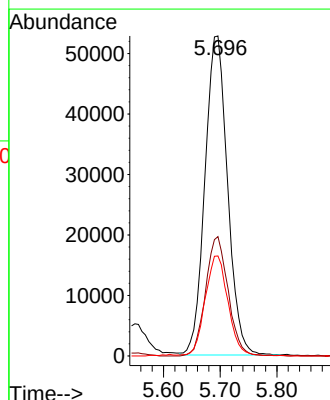
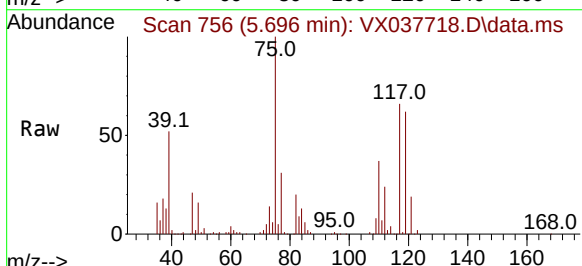
RT: 5.696 min Scan# 756

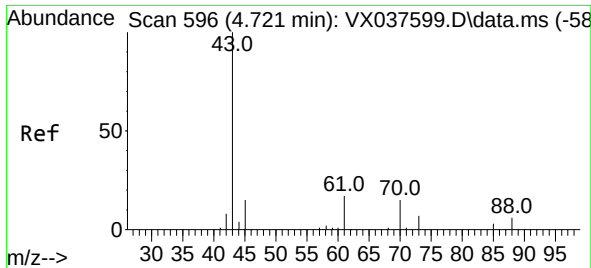
Delta R.T. 0.006 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

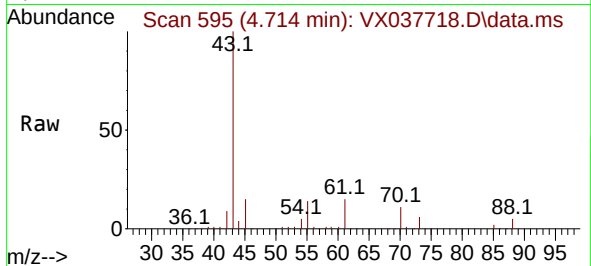
Tgt Ion:	75	Resp:	146205
Ion Ratio	Lower	Upper	
75	100		
110	37.3	17.0	50.9
77	31.3	24.7	37.1





#37
Ethyl Acetate
Concen: 50.594 ug/l
RT: 4.714 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

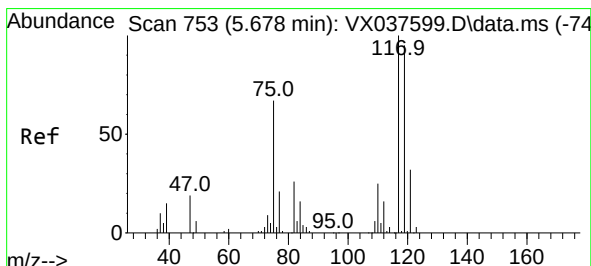
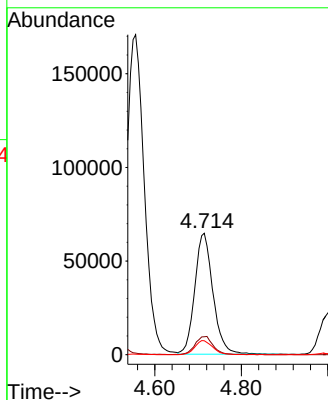
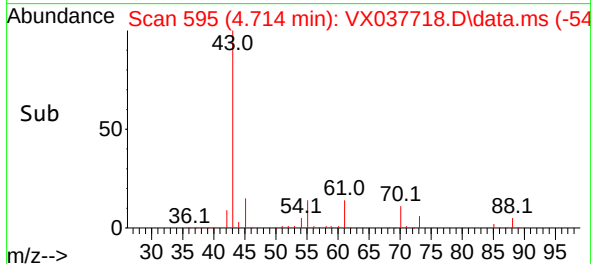
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 188774
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 11.4 8.3 12.5

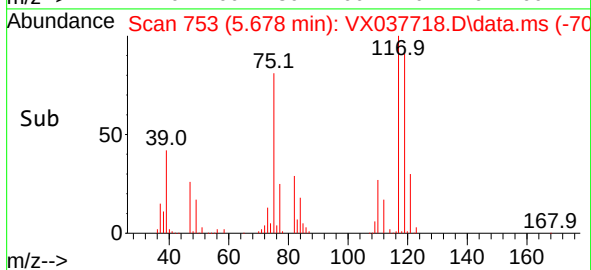
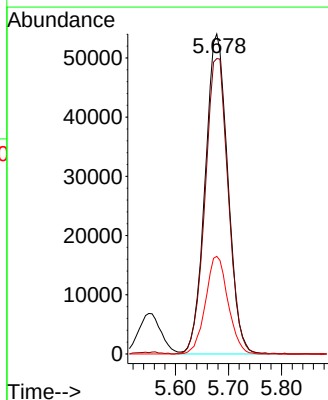
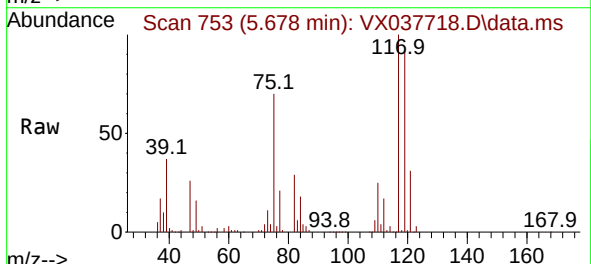
Manual Integrations
APPROVED

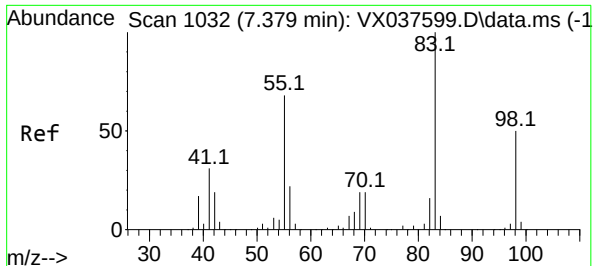
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#38
Carbon Tetrachloride
Concen: 48.162 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Tgt Ion:117 Resp: 160442
Ion Ratio Lower Upper
117 100
119 92.1 78.2 117.2
121 30.5 24.4 36.6





#39

Methylcyclohexane

Concen: 44.814 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 172918

Ion Ratio Lower Upper

83 100

55 73.7 64.6 97.0

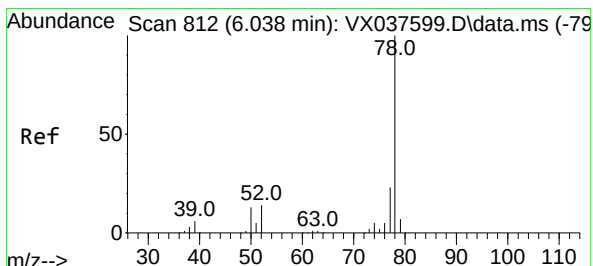
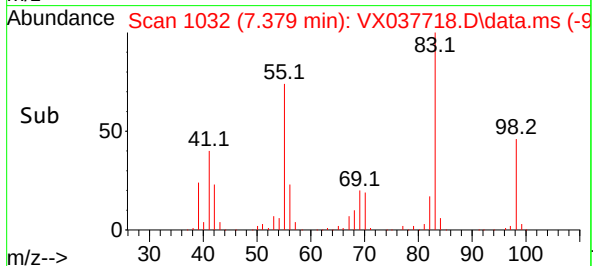
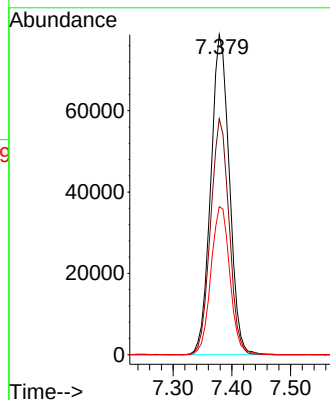
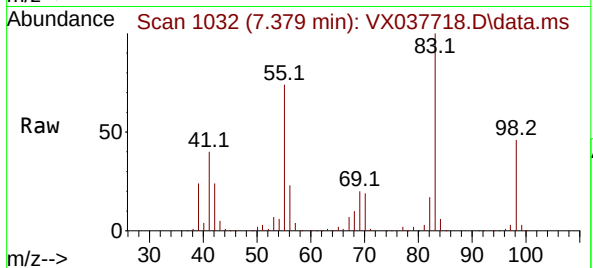
98 46.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#40

Benzene

Concen: 49.000 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX037718.D

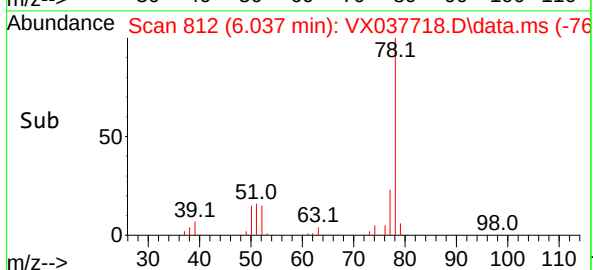
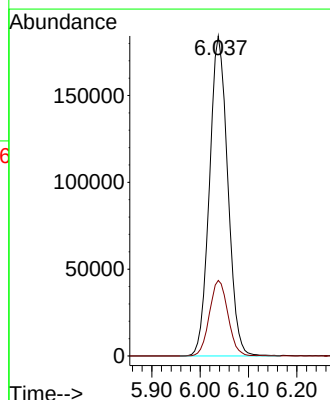
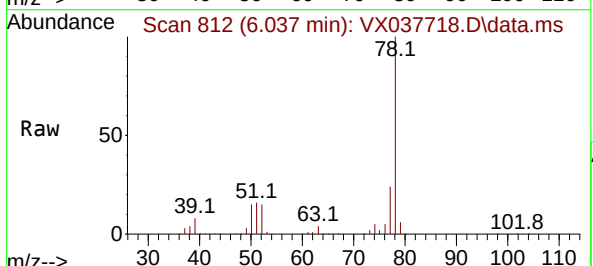
Acq: 14 Sep 2023 08:12

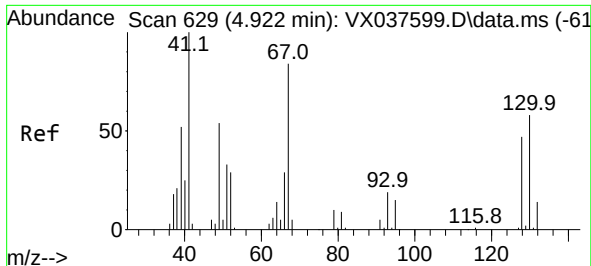
Tgt Ion: 78 Resp: 484386

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9





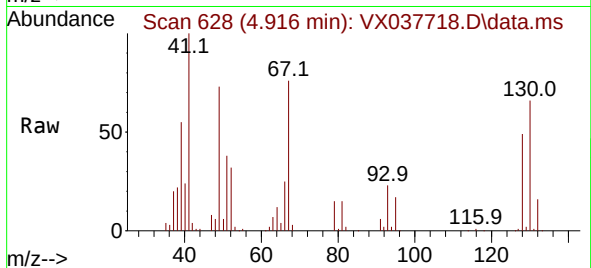
#41
Methacrylonitrile
Concen: 50.666 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



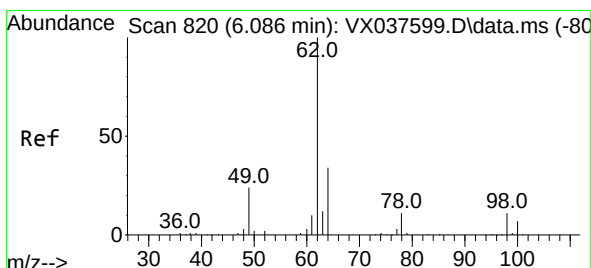
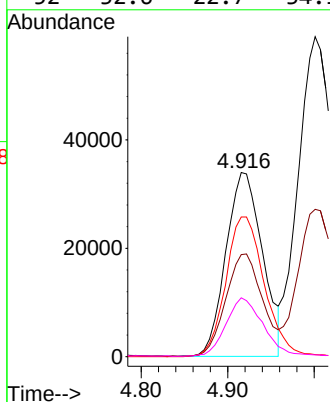
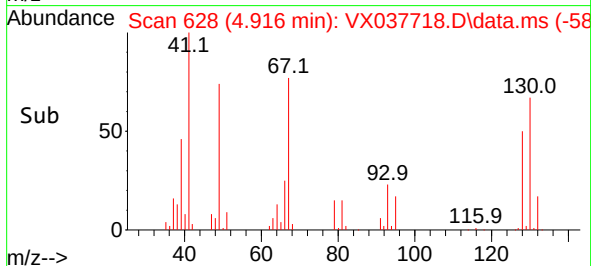
Tgt Ion: 41 Resp: 9957
Ion Ratio Lower Upper
41 100
39 56.4 45.2 67.8
67 80.5 52.6 78.8
52 32.6 22.7 34.1

Manual Integrations

APPROVED

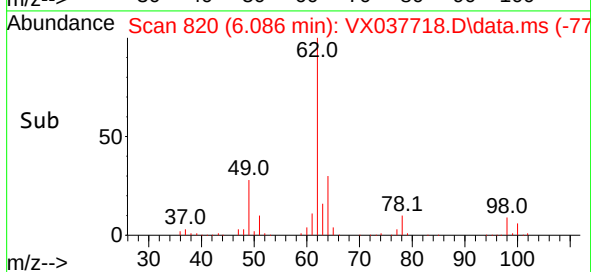
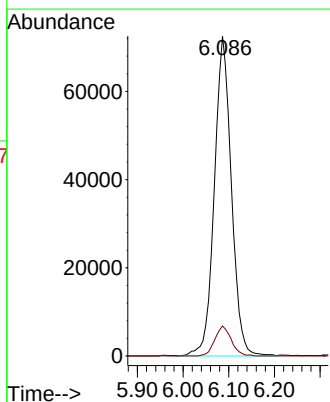
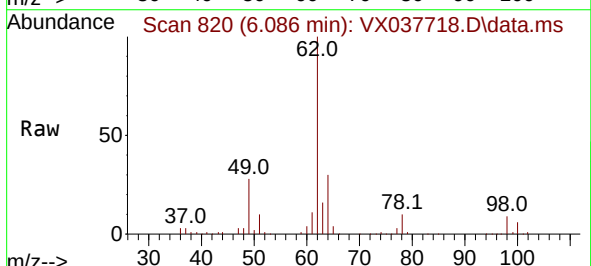
Reviewed By :John Carlone 09/14/2023

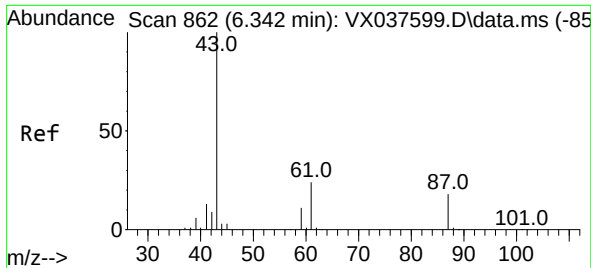
Supervised By :Mahesh Dadoda 09/14/2023



#42
1,2-Dichloroethane
Concen: 48.761 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

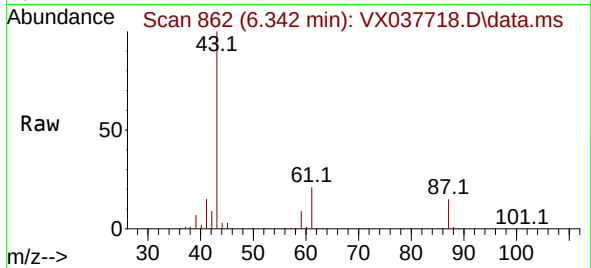
Tgt Ion: 62 Resp: 188399
Ion Ratio Lower Upper
62 100
98 9.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.642 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

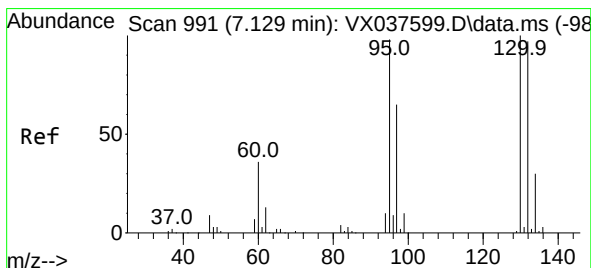
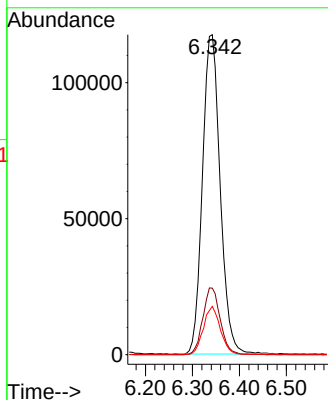
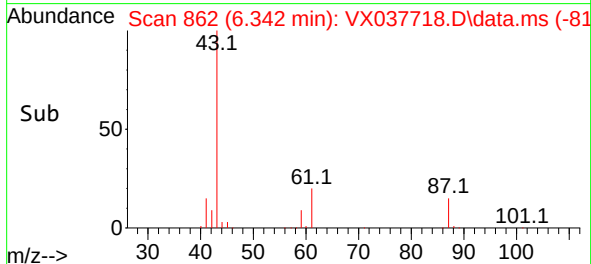
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 307395
Ion Ratio Lower Upper
43 100
61 20.5 15.2 22.8
87 14.5 9.8 14.6

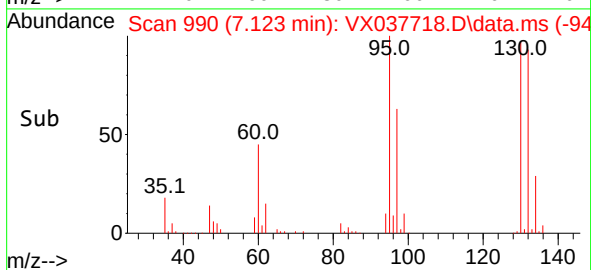
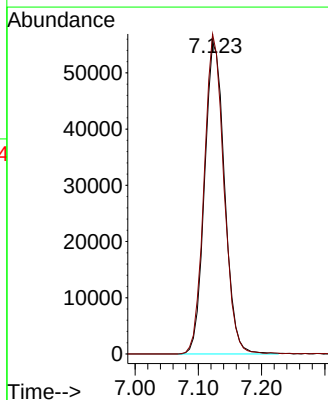
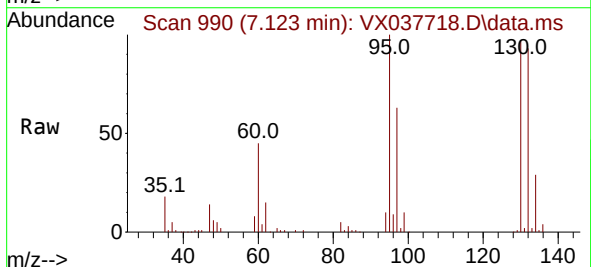
Manual Integrations
APPROVED

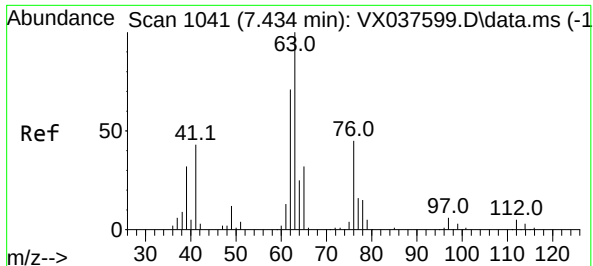
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#44
Trichloroethene
Concen: 49.402 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Tgt Ion:130 Resp: 122017
Ion Ratio Lower Upper
130 100
95 102.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.538 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 131840

Ion Ratio Lower Upper

63 100

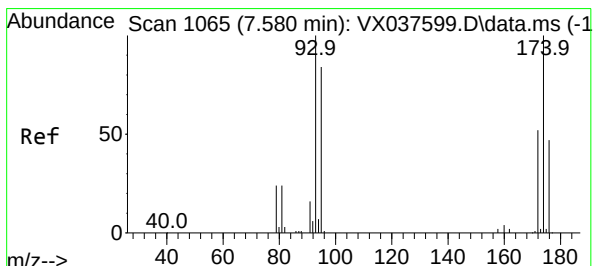
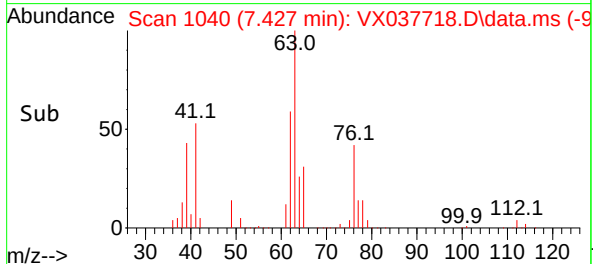
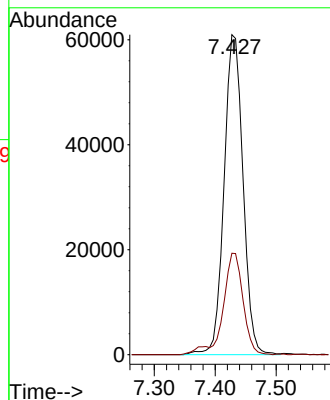
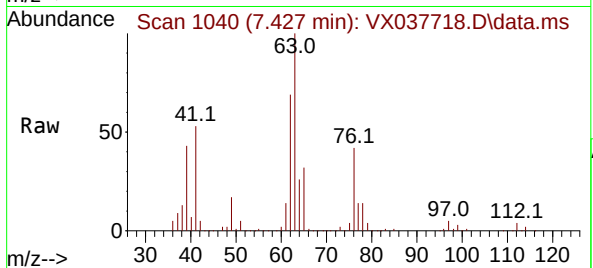
65 31.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#46

Dibromomethane

Concen: 51.913 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

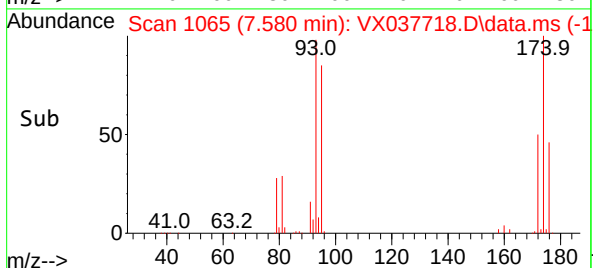
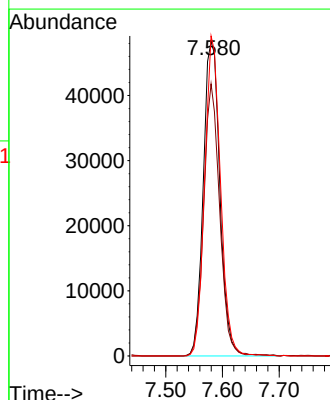
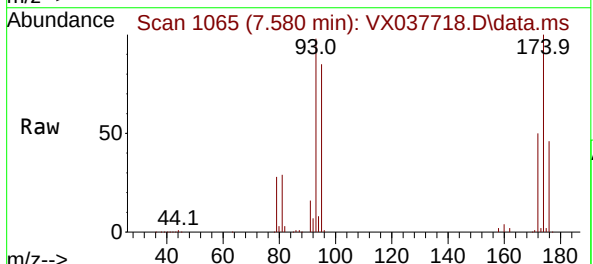
Tgt Ion: 93 Resp: 98528

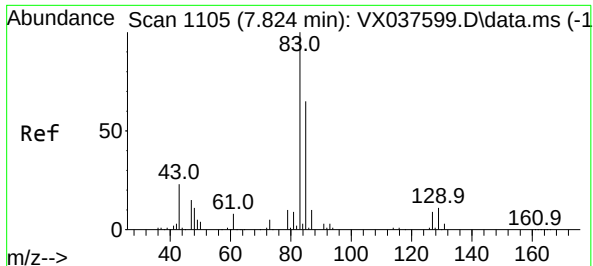
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

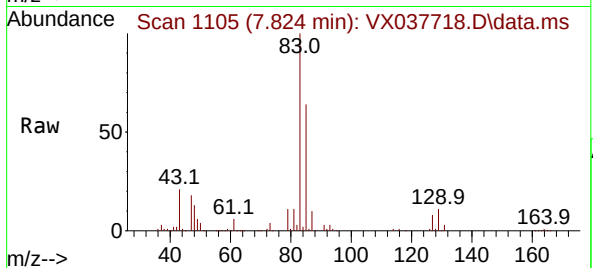
174 97.0 69.4 104.0





#47
Bromodichloromethane
Concen: 53.321 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

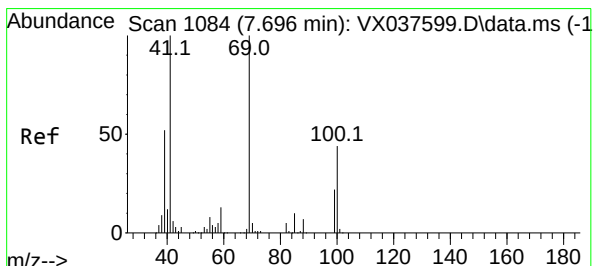
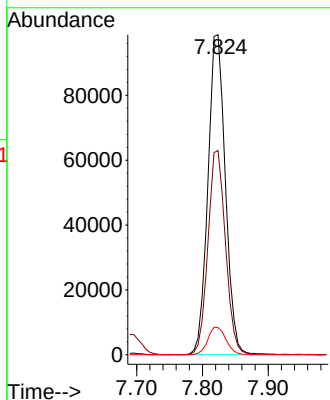
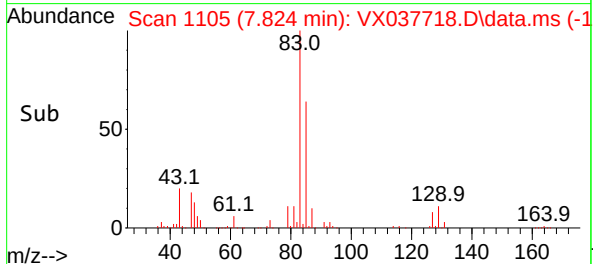
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 182693
Ion Ratio Lower Upper
83 100
85 63.8 49.8 74.6
127 8.4 7.1 10.7

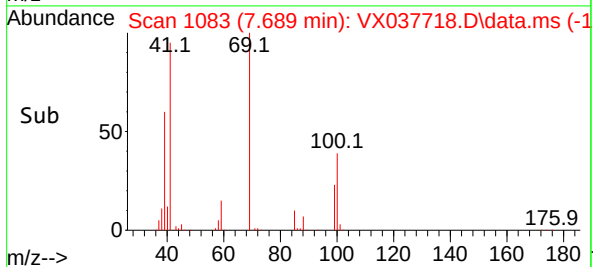
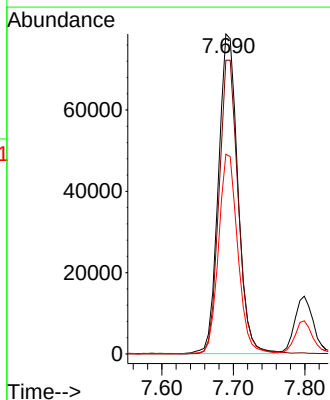
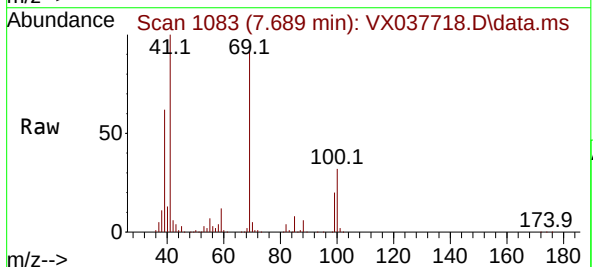
Manual Integrations
APPROVED

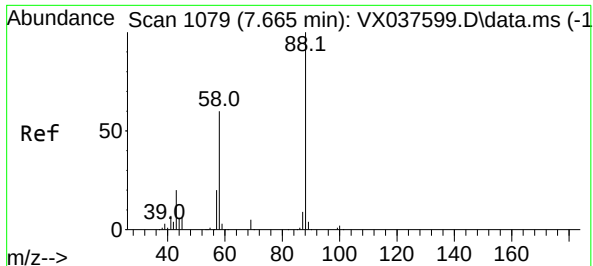
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#48
Methyl methacrylate
Concen: 51.619 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Tgt Ion: 41 Resp: 148529
Ion Ratio Lower Upper
41 100
69 90.8 59.2 88.8
39 61.8 47.7 71.5





#49

1,4-Dioxane

Concen: 1111.010 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 79204

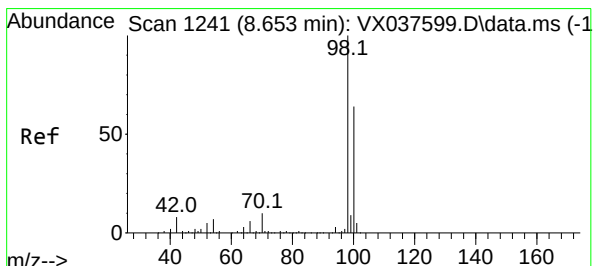
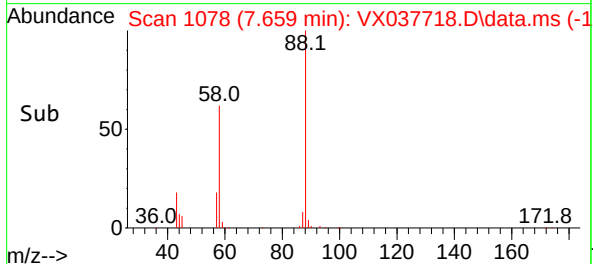
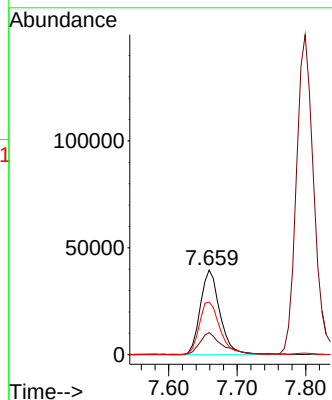
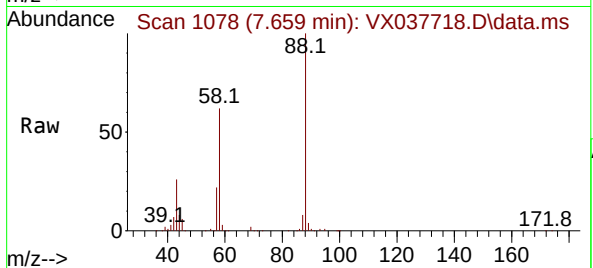
Ion	Ratio	Lower	Upper
88	100		
43	28.9	0.0	0.0
58	66.0	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#50

Toluene-d8

Concen: 48.852 ug/l

RT: 8.647 min Scan# 1240

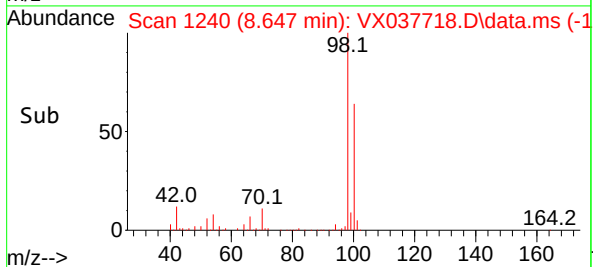
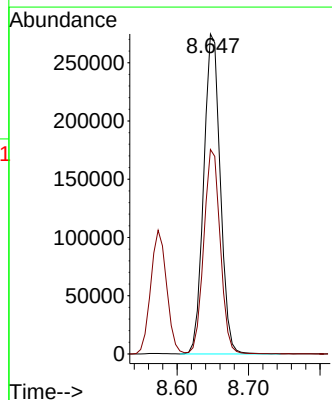
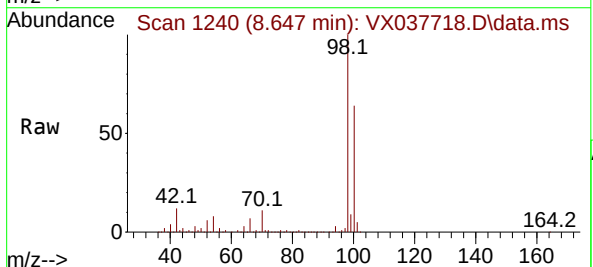
Delta R.T. -0.006 min

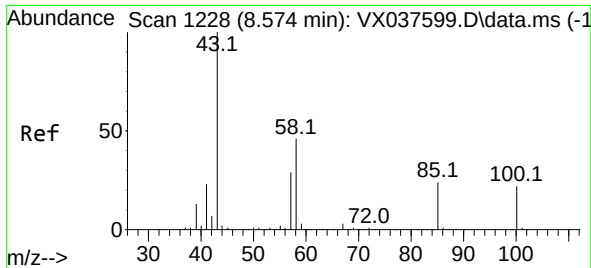
Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

Tgt Ion: 98 Resp: 441638

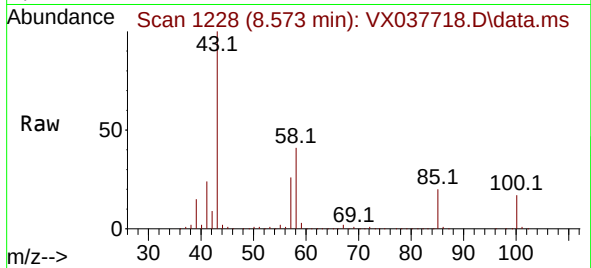
Ion	Ratio	Lower	Upper
98	100		
100	63.7	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 256.671 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

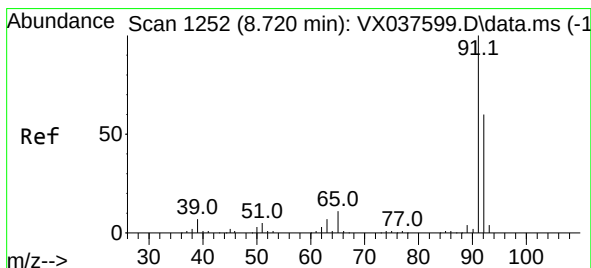
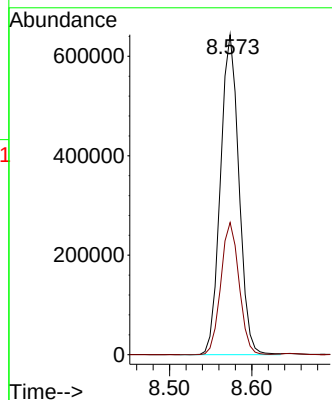
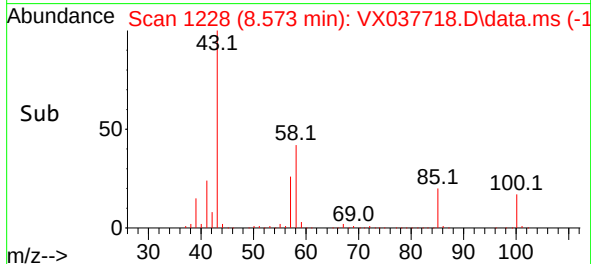
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



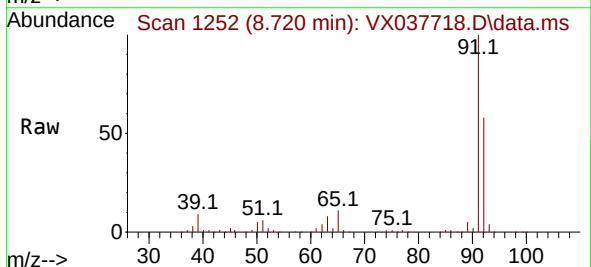
Tgt Ion: 43 Resp: 100323
Ion Ratio Lower Upper
43 100
58 40.8 30.4 45.6

Manual Integrations
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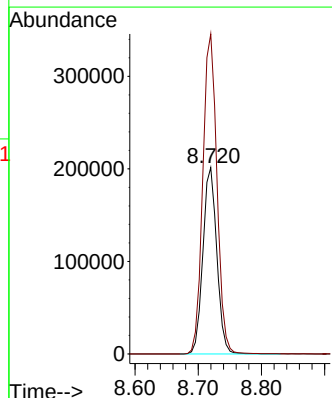
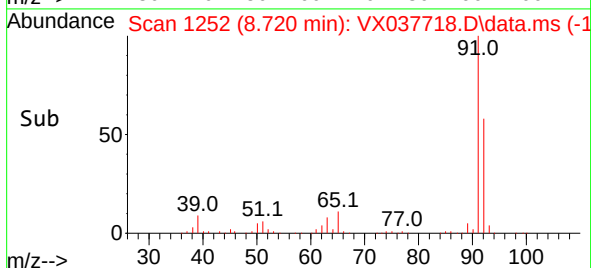
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

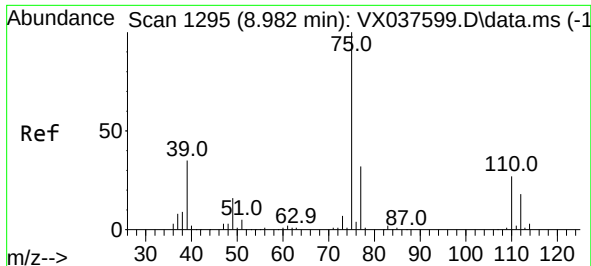


#52
Toluene
Concen: 48.503 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12



Tgt Ion: 92 Resp: 308285
Ion Ratio Lower Upper
92 100
91 175.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 50.847 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 17662

Ion Ratio Lower Upper

75 100

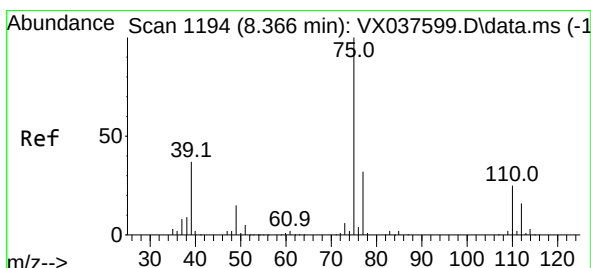
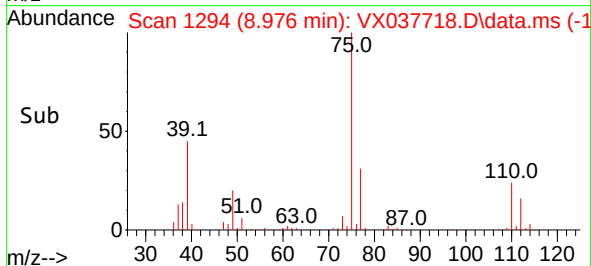
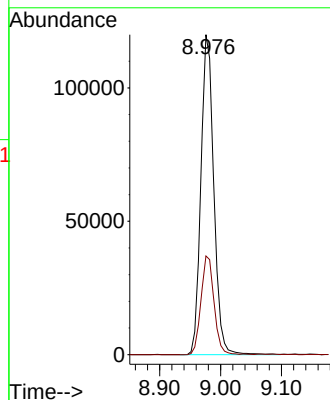
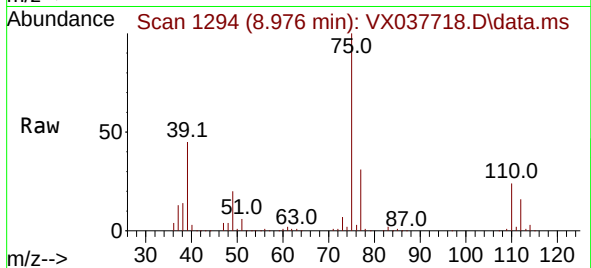
77 30.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#54

cis-1,3-Dichloropropene

Concen: 50.209 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

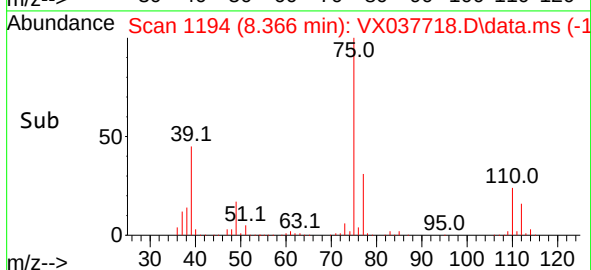
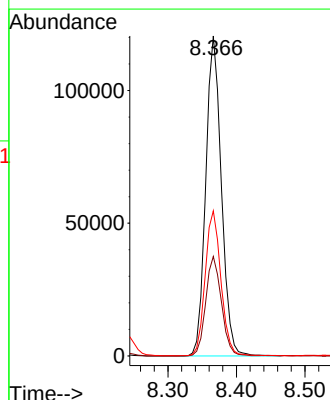
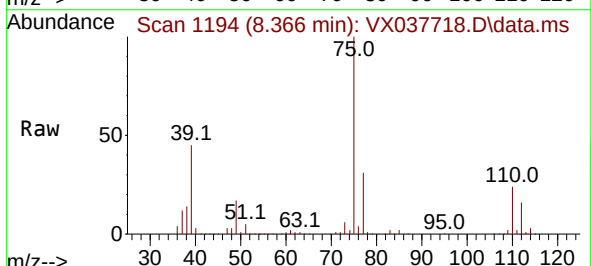
Tgt Ion: 75 Resp: 191380

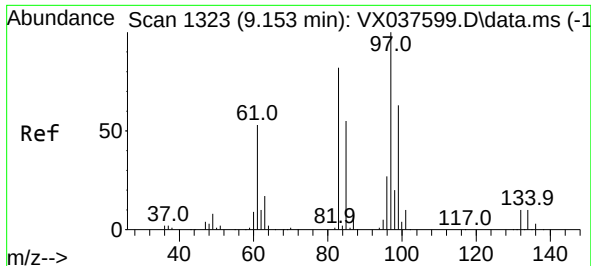
Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

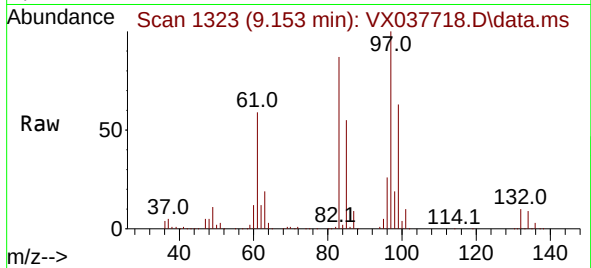
39 45.2 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 53.386 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

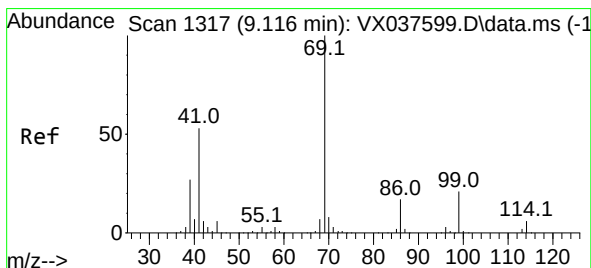
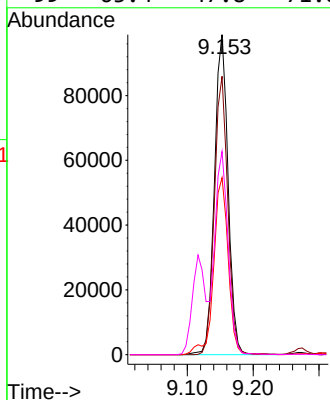
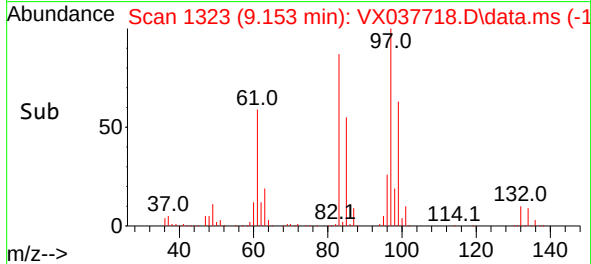
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



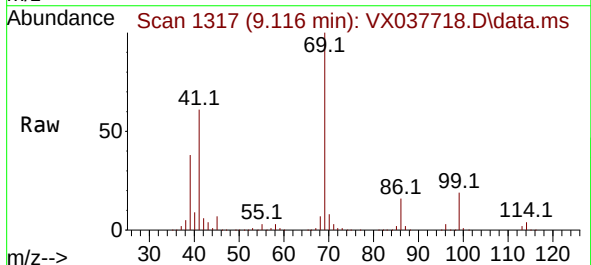
Tgt Ion:	97	Resp:	14288
Ion Ratio	100	Lower	Upper
97	100		
83	87.0	65.8	98.8
85	55.3	41.6	62.4
99	63.4	47.8	71.8

Manual Integrations
APPROVED

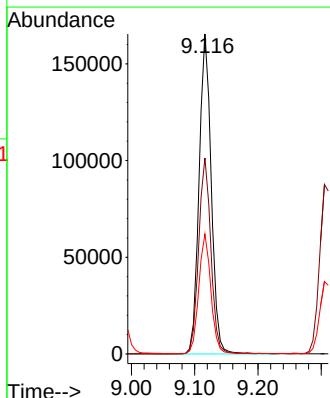
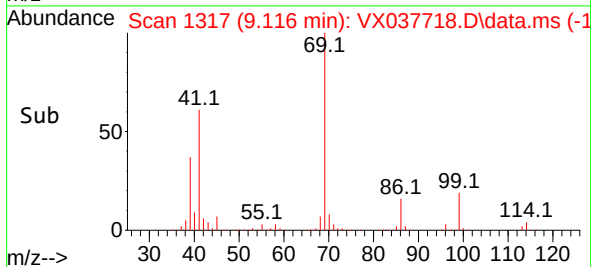
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

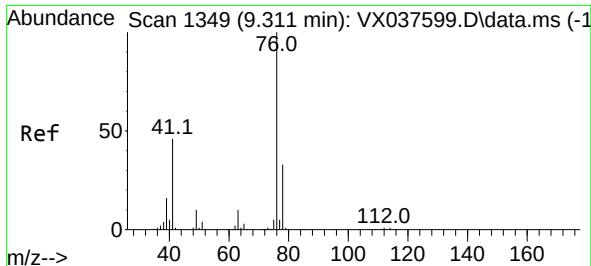


#56
Ethyl methacrylate
Concen: 54.088 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12



Tgt Ion:	69	Resp:	221489
Ion Ratio	100	Lower	Upper
69	100		
41	61.6	56.8	85.2
39	37.2	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.318 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 230384

Ion Ratio Lower Upper

76 100

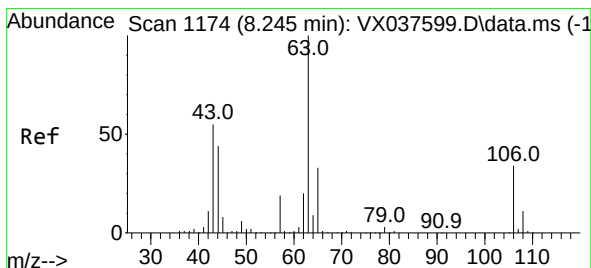
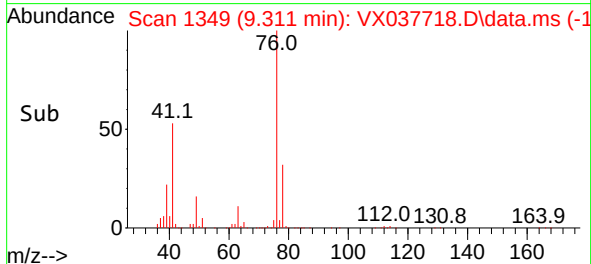
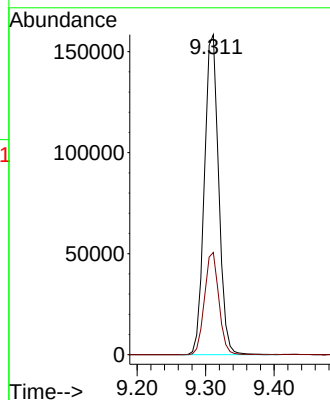
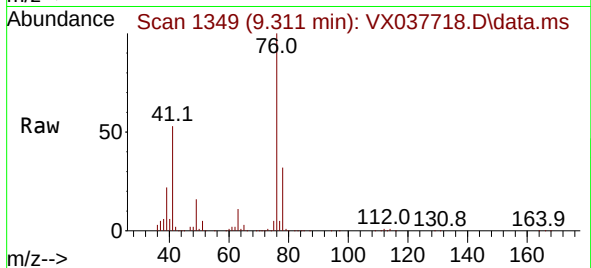
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 269.378 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037718.D

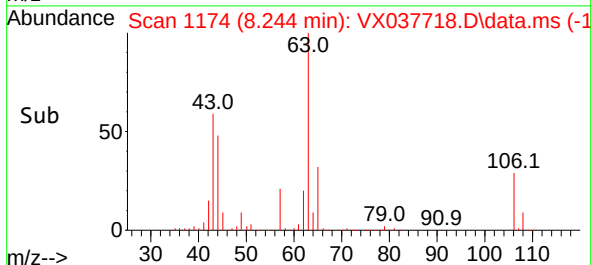
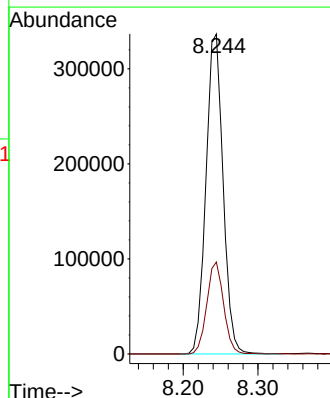
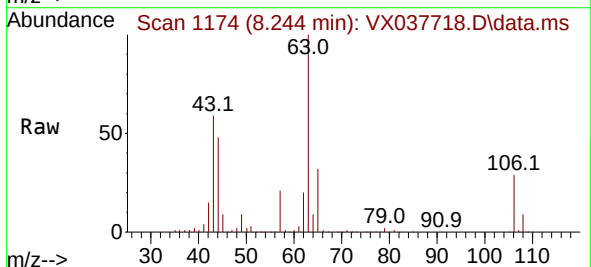
Acq: 14 Sep 2023 08:12

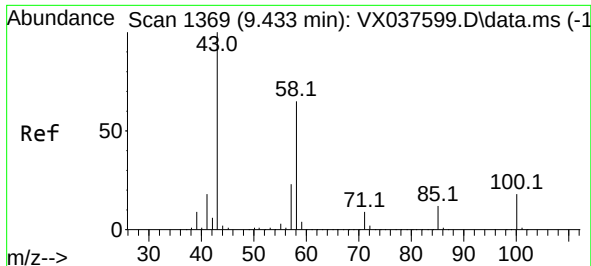
Tgt Ion: 63 Resp: 534865

Ion Ratio Lower Upper

63 100

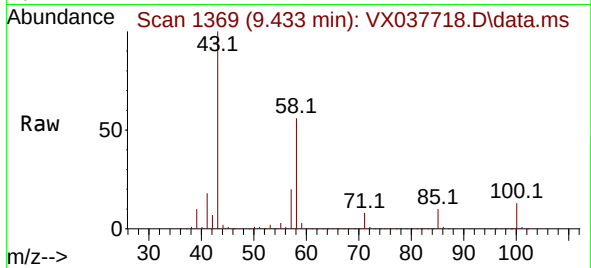
106 28.3 22.5 33.7





#59
2-Hexanone
Concen: 258.349 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

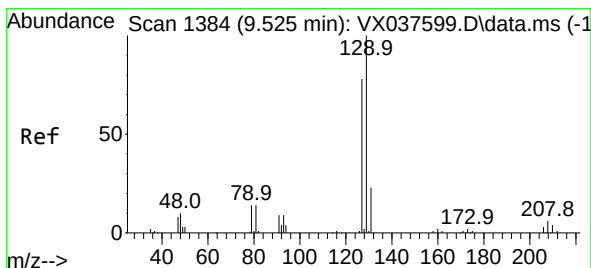
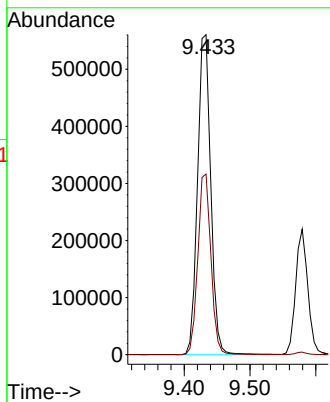
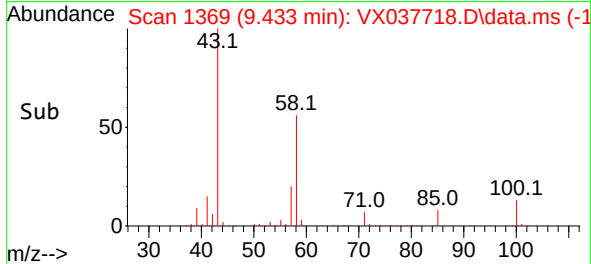
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 77945
Ion Ratio Lower Upper
43 100
58 56.1 26.2 78.5

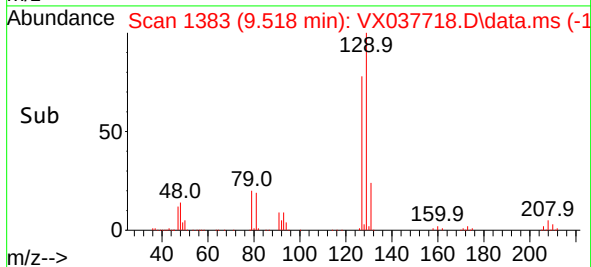
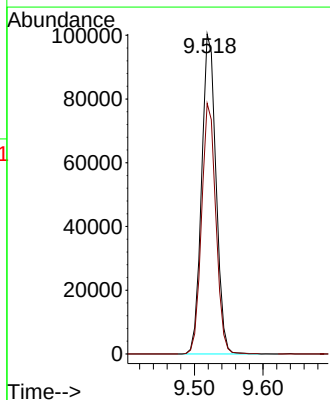
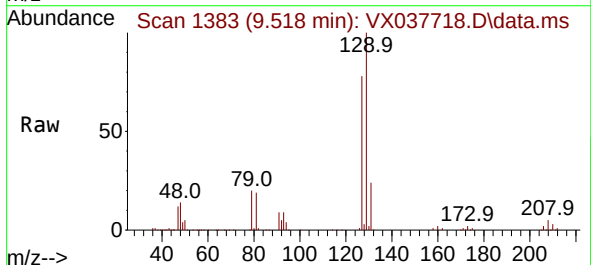
Manual Integrations
APPROVED

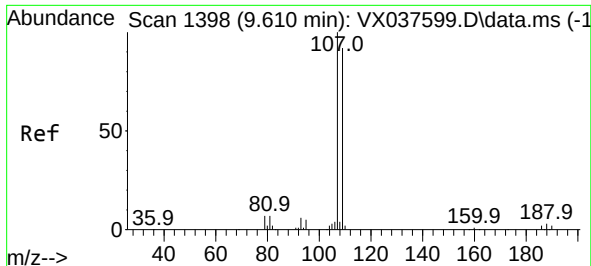
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#60
Dibromochloromethane
Concen: 55.700 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

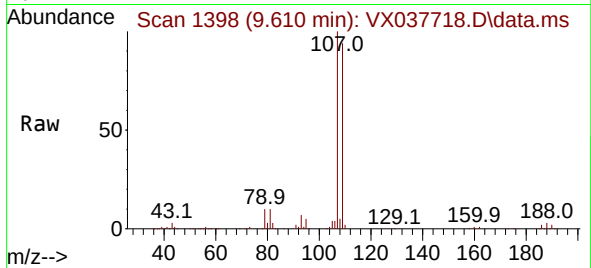
Tgt Ion:129 Resp: 146430
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.096 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

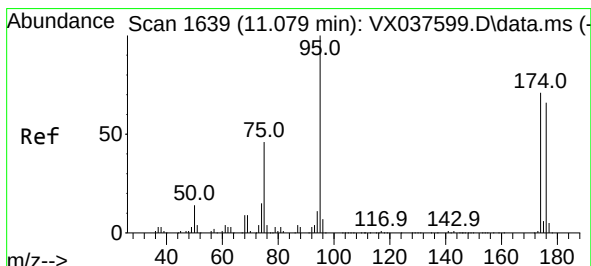
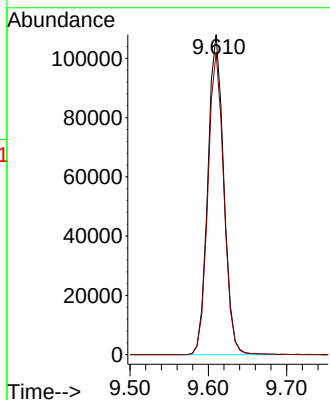
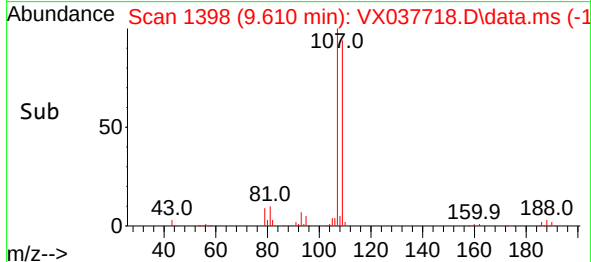
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



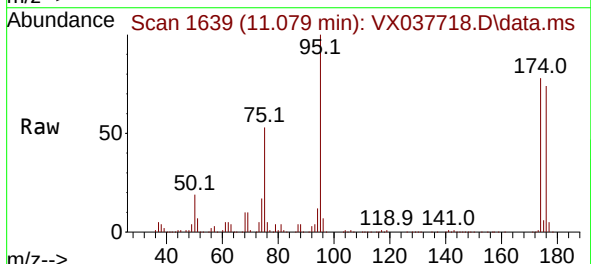
Tgt Ion:107 Resp: 152749
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

Manual Integrations
APPROVED

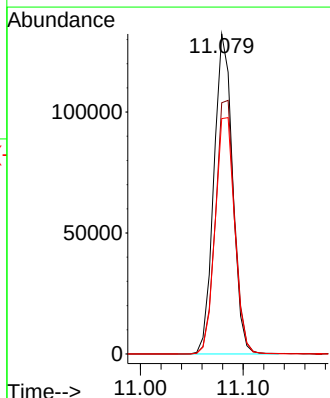
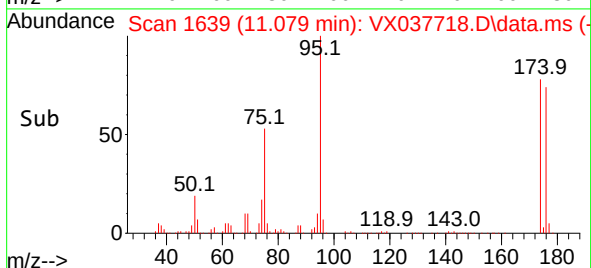
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

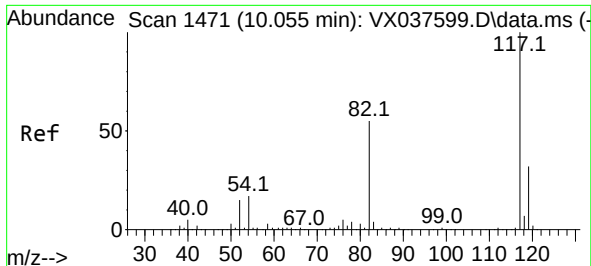


#62
4-Bromofluorobenzene
Concen: 51.047 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12



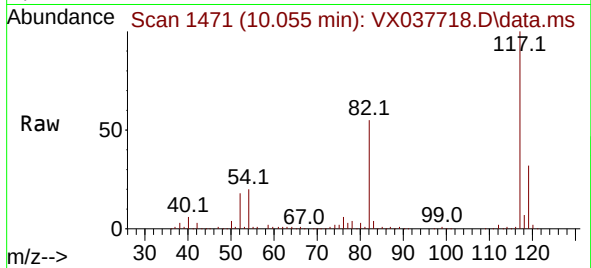
Tgt Ion: 95 Resp: 166490
Ion Ratio Lower Upper
95 100
174 81.9 0.0 135.6
176 77.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

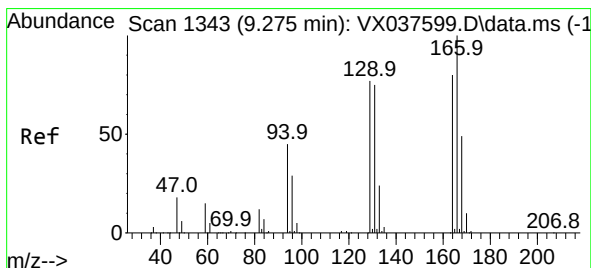
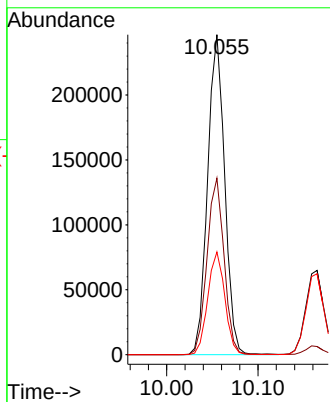
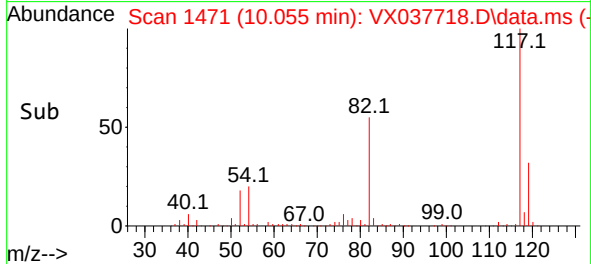
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 319630
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.1 25.5 38.3

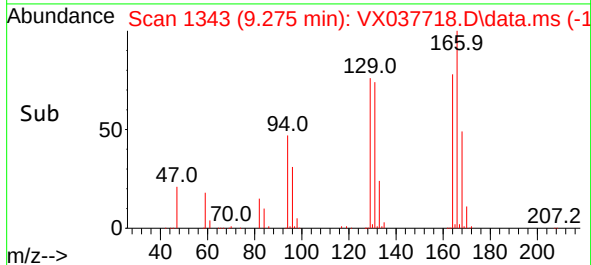
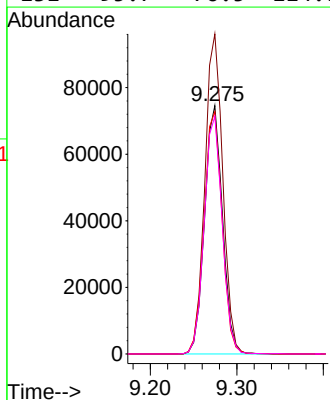
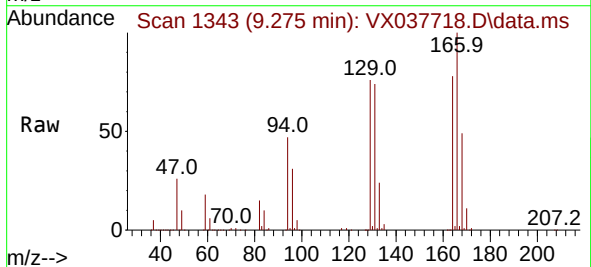
Manual Integrations
APPROVED

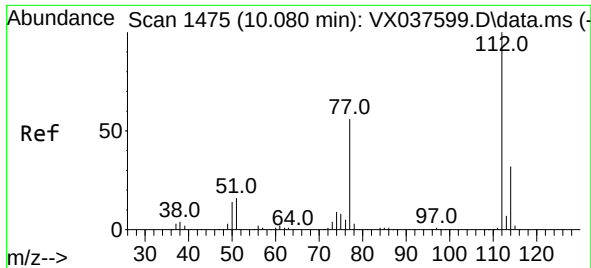
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#64
Tetrachloroethene
Concen: 51.650 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

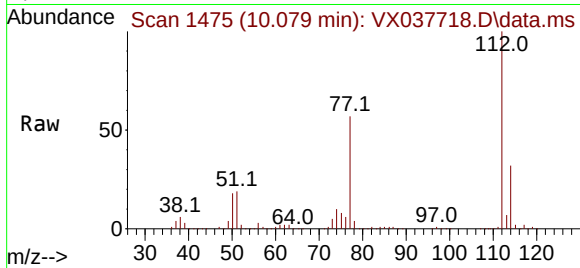
Tgt Ion:164 Resp: 106961
Ion Ratio Lower Upper
164 100
166 128.9 102.7 154.1
129 97.6 80.4 120.6
131 95.7 76.5 114.7





#65
Chlorobenzene
Concen: 49.855 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

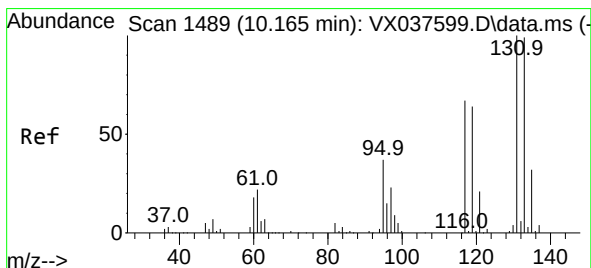
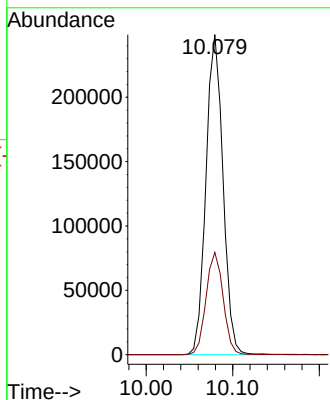
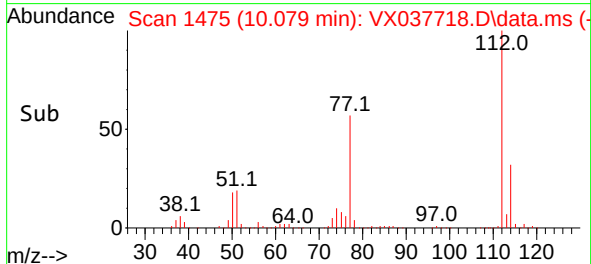
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 33964
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

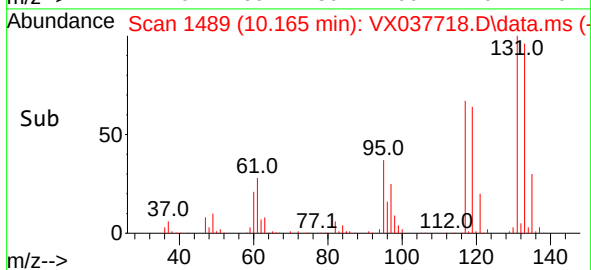
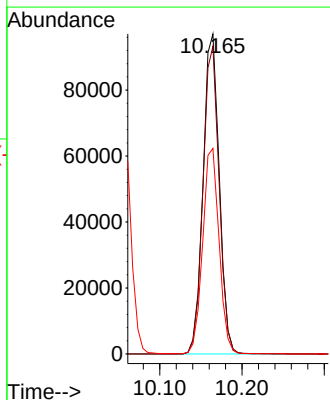
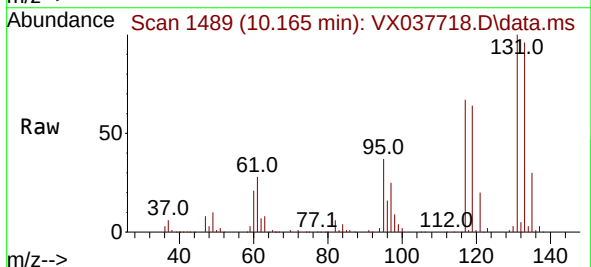
Manual Integrations
APPROVED

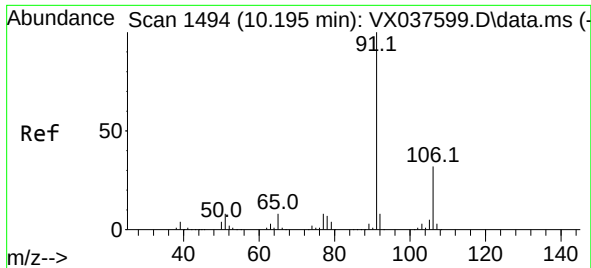
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 56.541 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

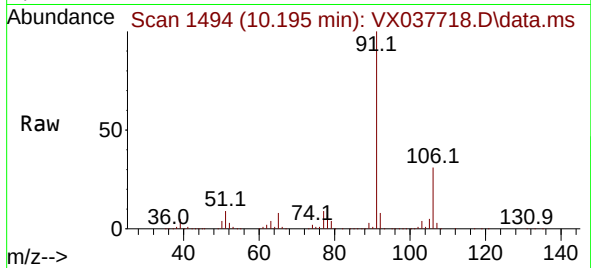
Tgt Ion:131 Resp: 132756
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.4
119 65.3 32.2 96.6





#67
Ethyl Benzene
Concen: 49.285 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

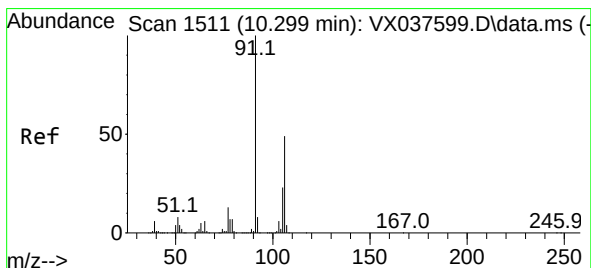
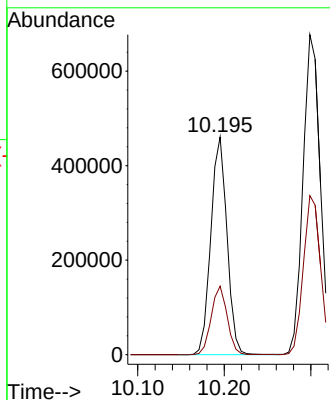
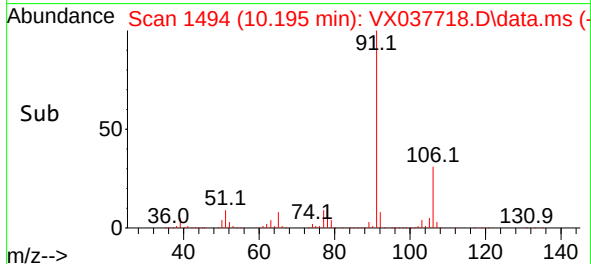
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



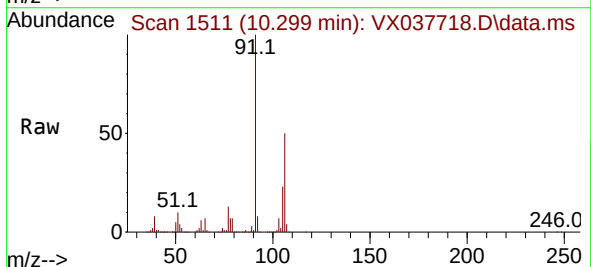
Tgt Ion: 91 Resp: 59752
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

Manual Integrations
APPROVED

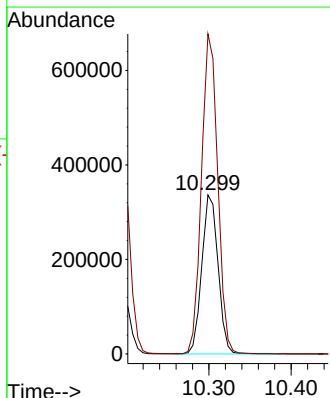
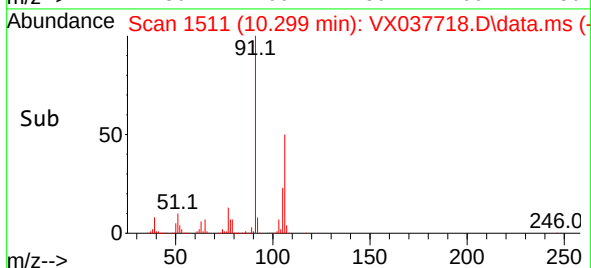
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

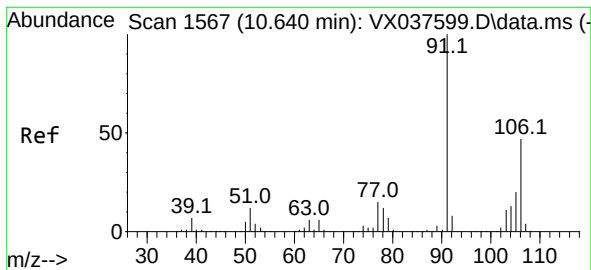


#68
m/p-Xylenes
Concen: 99.945 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12



Tgt Ion:106 Resp: 462031
Ion Ratio Lower Upper
106 100
91 201.6 165.5 248.3





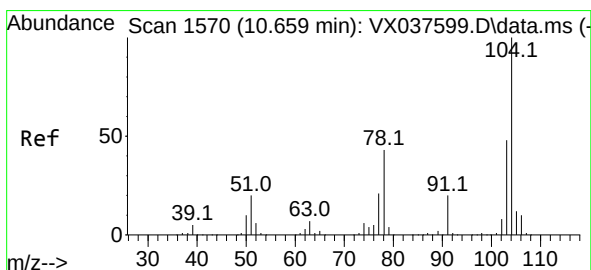
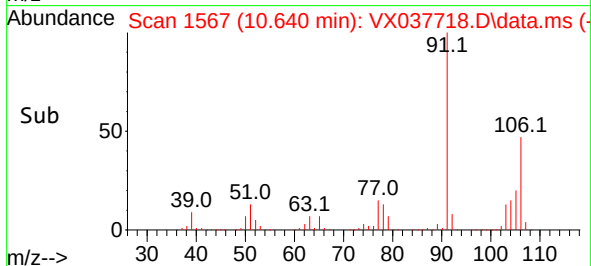
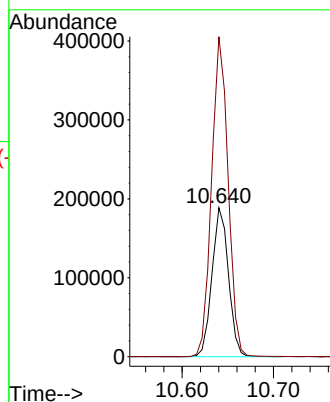
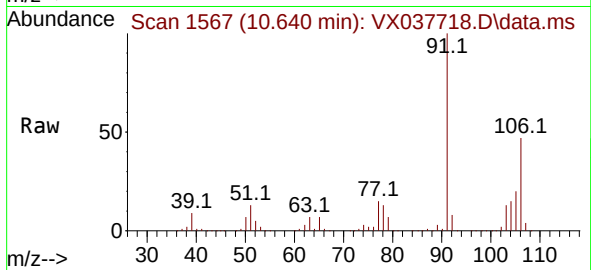
#69
o-Xylene
Concen: 51.172 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 23585
Ion Ratio Lower Upper
106 100
91 215.4 108.9 326.8

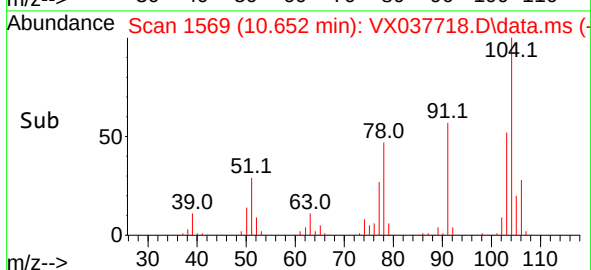
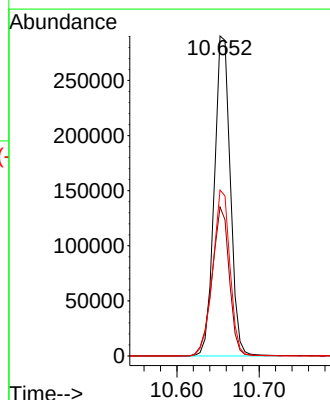
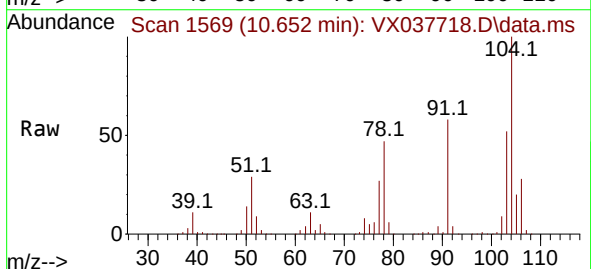
Manual Integrations
APPROVED

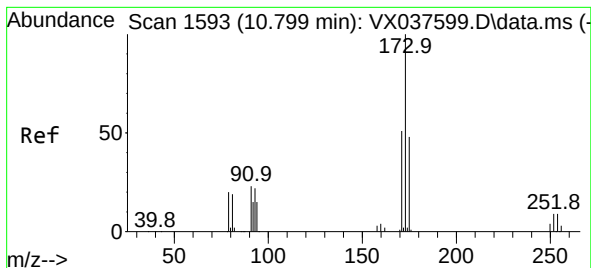
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#70
Styrene
Concen: 52.188 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Tgt Ion:104 Resp: 392427
Ion Ratio Lower Upper
104 100
78 50.2 43.6 65.4
103 55.8 43.6 65.4





#71

Bromoform

Concen: 60.471 ug/l

RT: 10.799 min Scan# 11110

Delta R.T. -0.000 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 11110

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.4

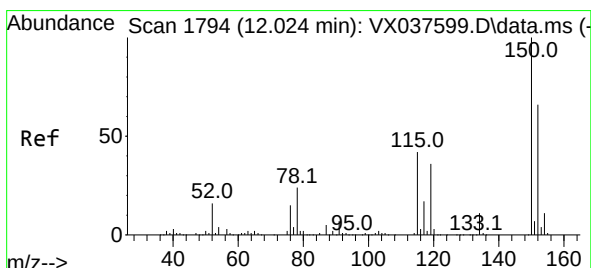
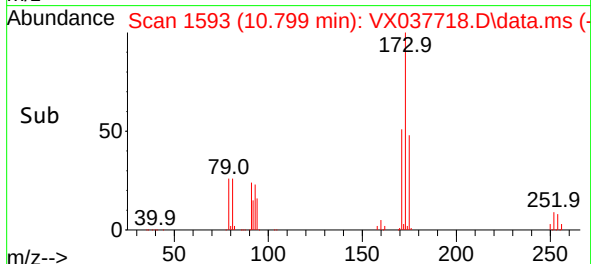
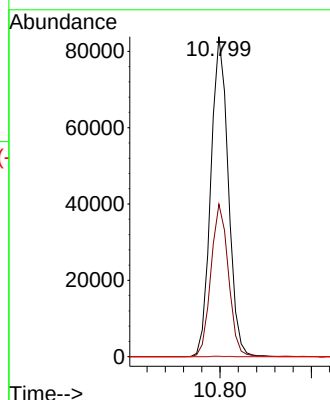
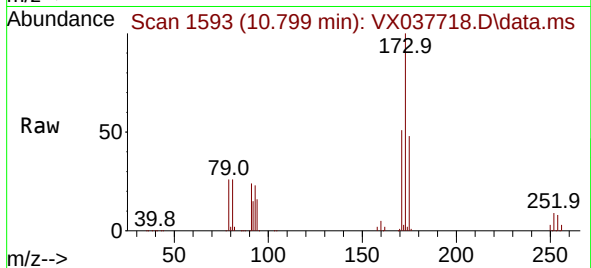
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

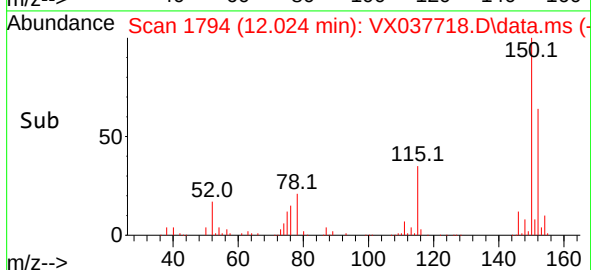
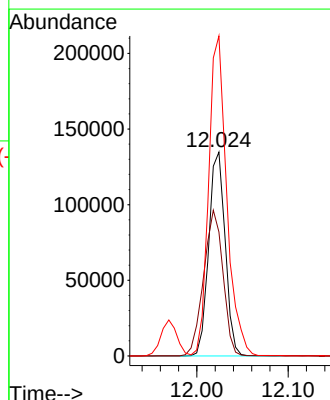
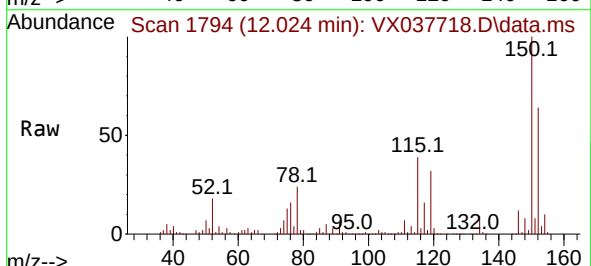
Tgt Ion:152 Resp: 167978

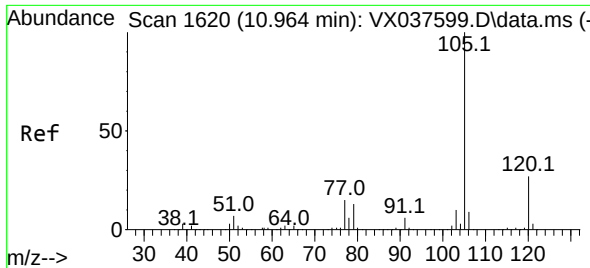
Ion Ratio Lower Upper

152 100

115 84.1 43.3 129.9

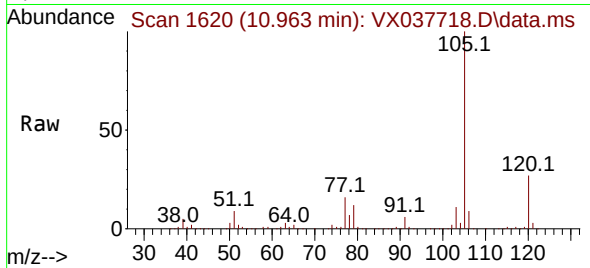
150 172.9 0.0 345.0





#73
Isopropylbenzene
Concen: 47.442 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

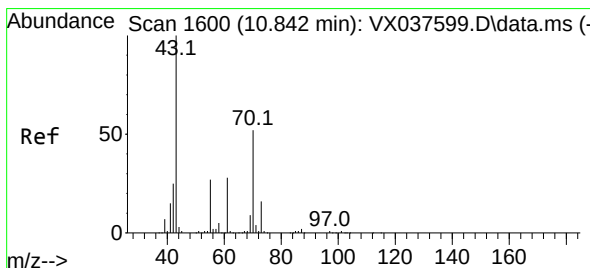
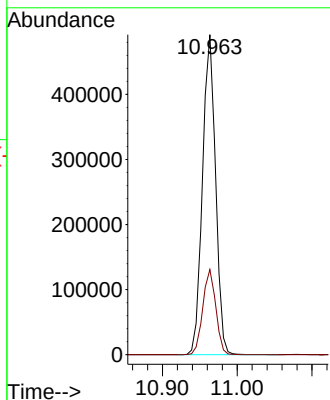
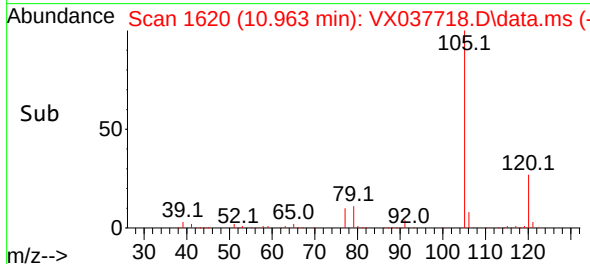
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



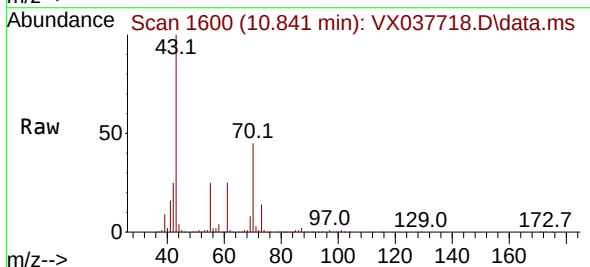
Tgt Ion:105 Resp: 59664
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

Manual Integrations
APPROVED

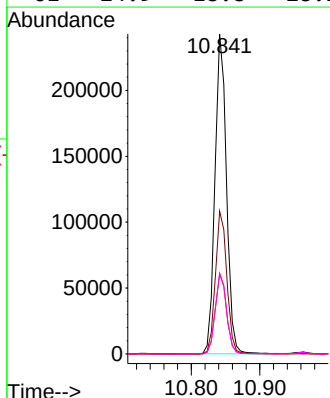
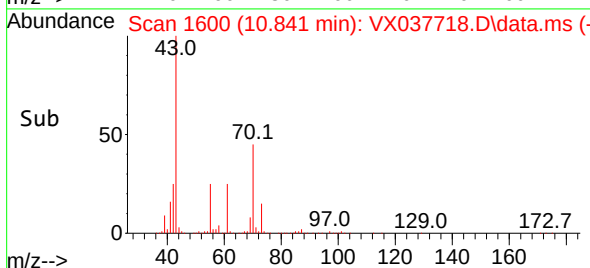
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

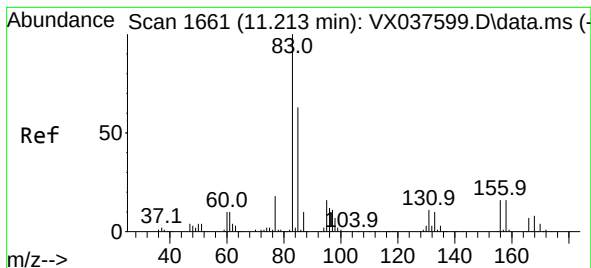


#74
N-ethyl acetate
Concen: 51.687 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12



Tgt Ion: 43 Resp: 283454
Ion Ratio Lower Upper
43 100
70 44.7 32.9 49.3
55 24.9 19.3 28.9
61 24.9 18.8 28.2





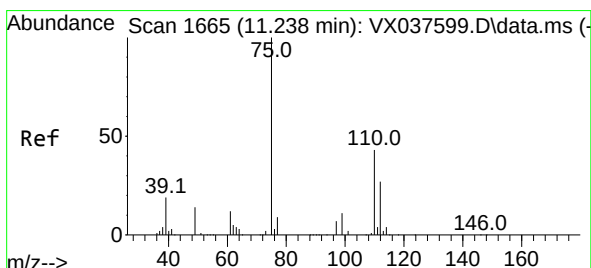
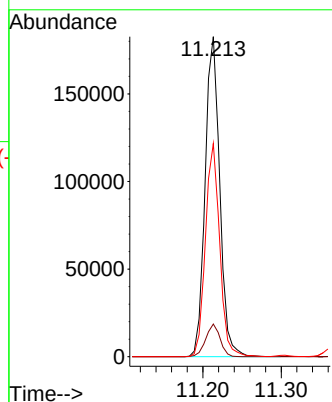
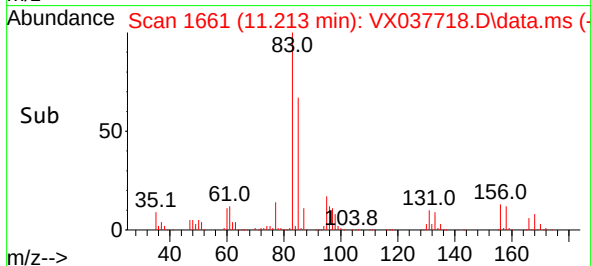
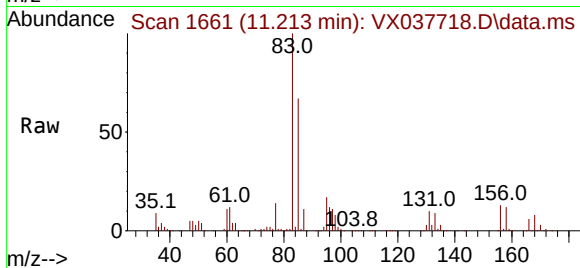
#75
1,1,2,2-Tetrachloroethane
Concen: 50.257 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 23652
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 65.1 32.0 96.2

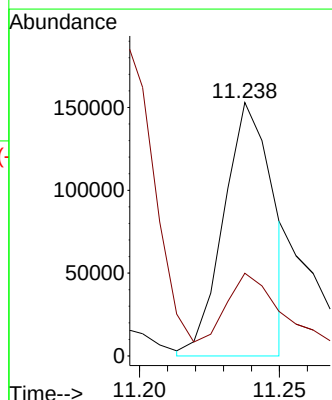
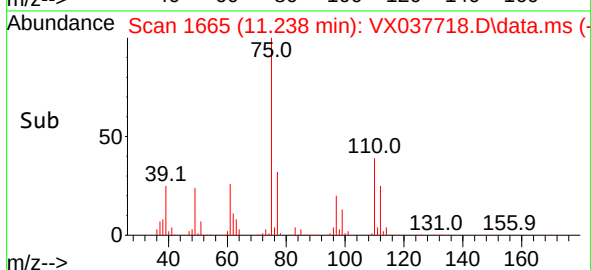
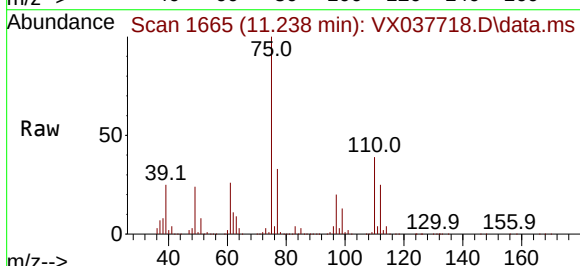
Manual Integrations
APPROVED

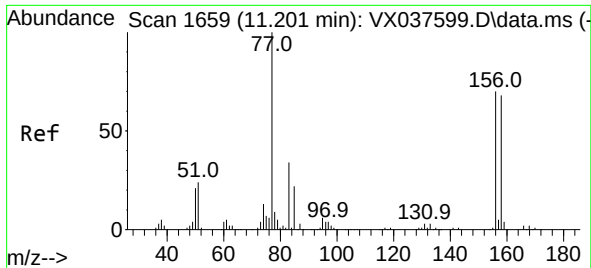
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#76
1,2,3-Trichloropropane
Concen: 50.725 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

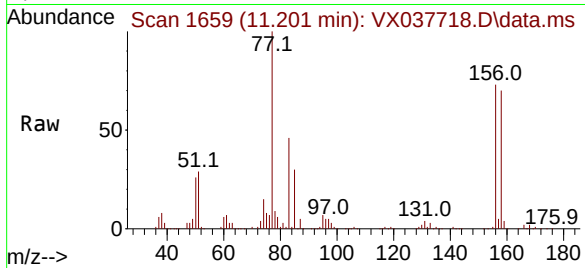
Tgt Ion: 75 Resp: 187323
Ion Ratio Lower Upper
75 100
77 41.6 19.1 57.5





#77
Bromobenzene
Concen: 51.972 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

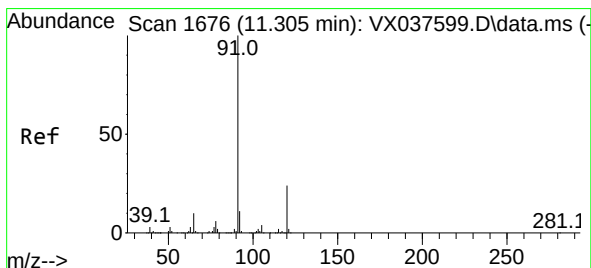
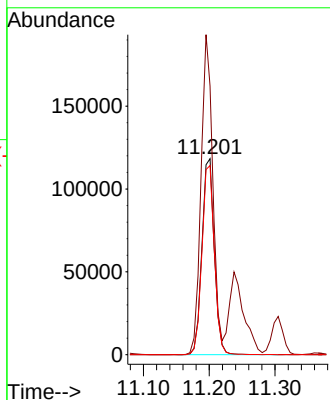
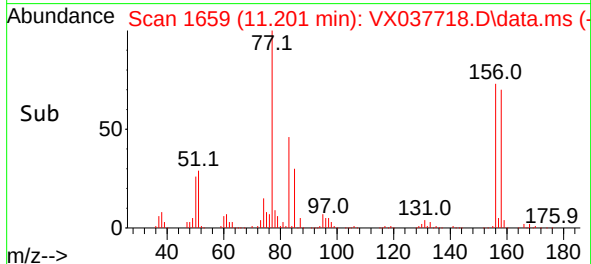
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



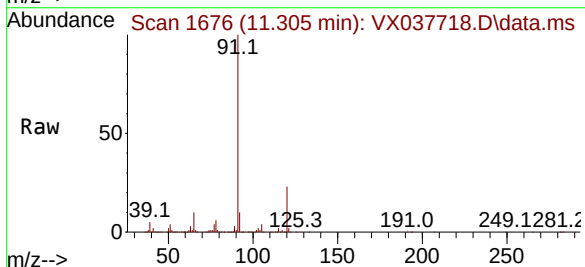
Tgt Ion:156 Resp: 154894
Ion Ratio Lower Upper
156 100
77 155.1 88.4 265.3
158 97.0 48.0 144.0

Manual Integrations
APPROVED

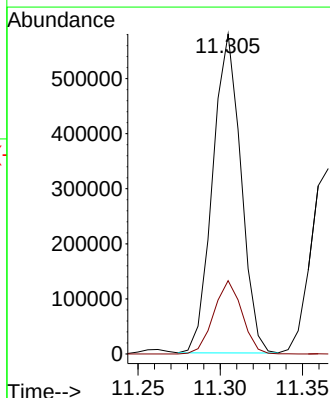
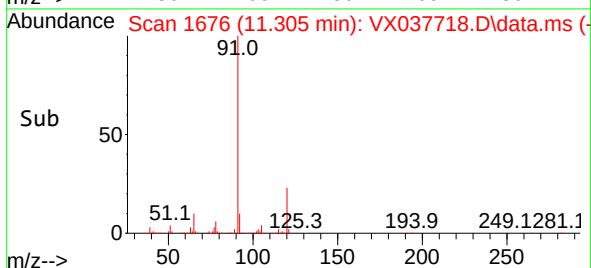
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

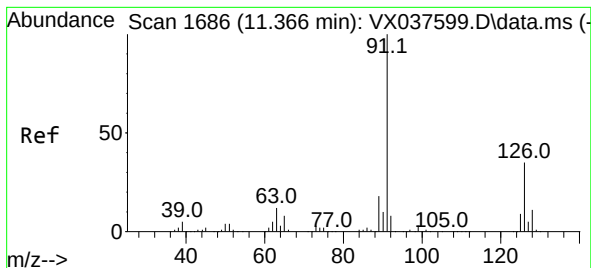


#78
n-propylbenzene
Concen: 47.918 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12



Tgt Ion: 91 Resp: 693320
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





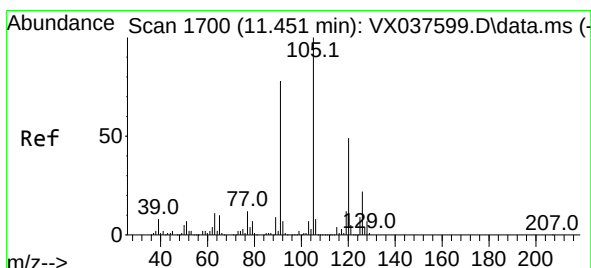
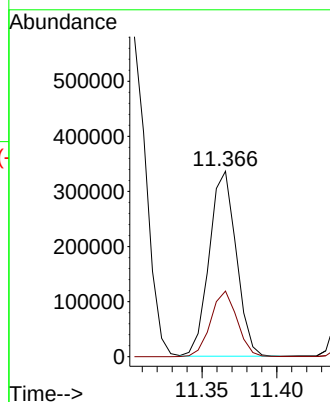
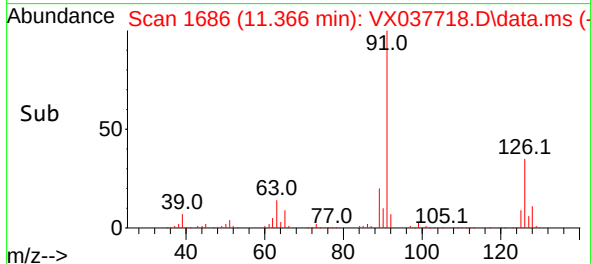
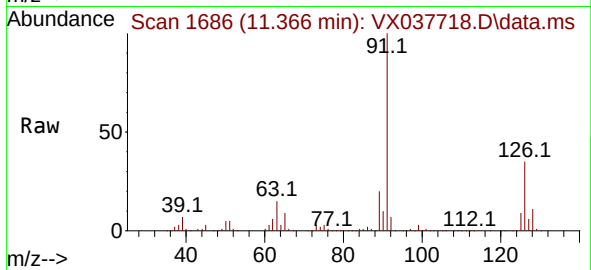
#79
2-Chlorotoluene
Concen: 47.301 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 421284
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

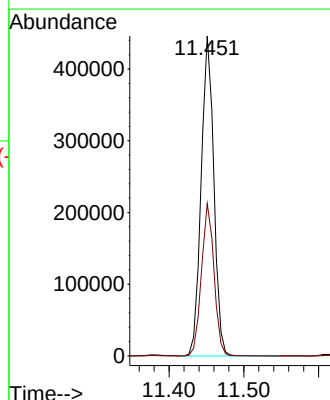
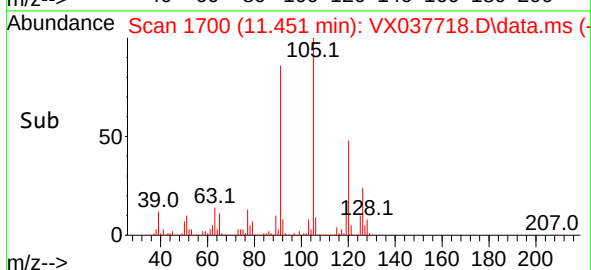
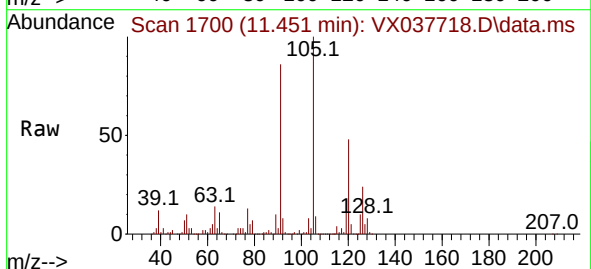
Manual Integrations
APPROVED

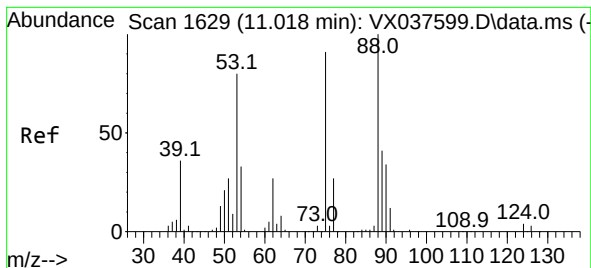
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.620 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Tgt Ion:105 Resp: 524461
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





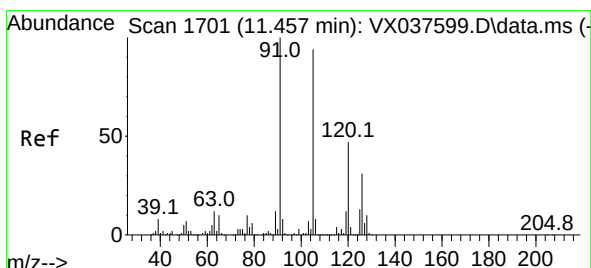
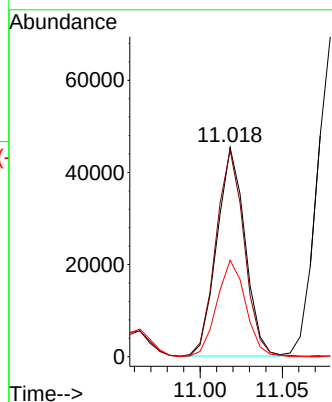
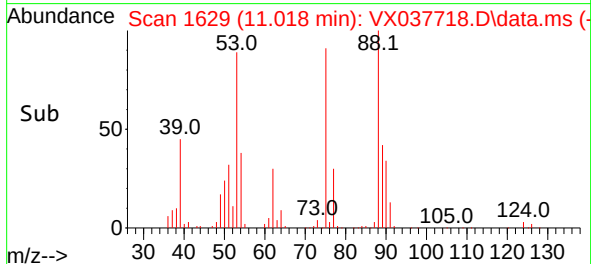
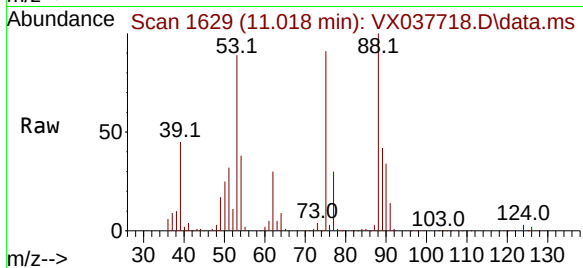
#81
trans-1,4-Dichloro-2-butene
Concen: 44.423 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 53969
Ion Ratio Lower Upper
75 100
53 99.5 90.5 135.7
89 47.2 36.9 55.3

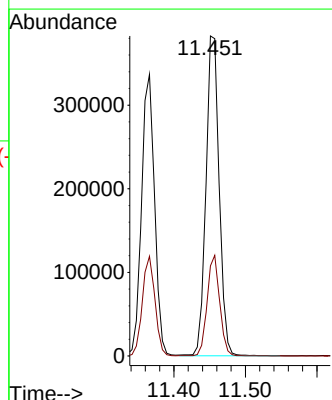
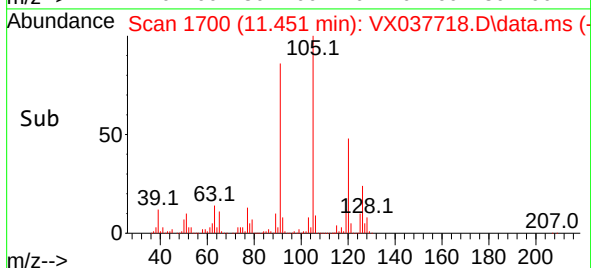
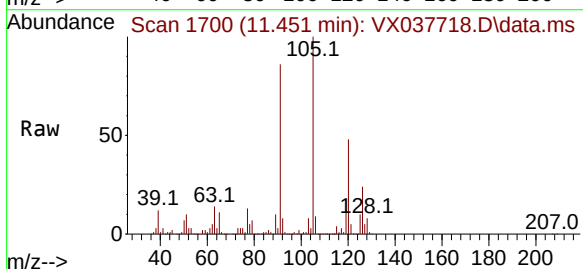
Manual Integrations
APPROVED

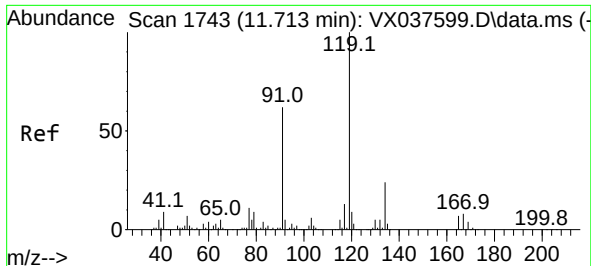
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#82
4-Chlorotoluene
Concen: 48.381 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

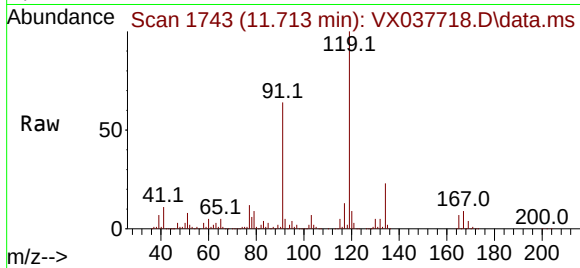
Tgt Ion: 91 Resp: 492229
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 47.867 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

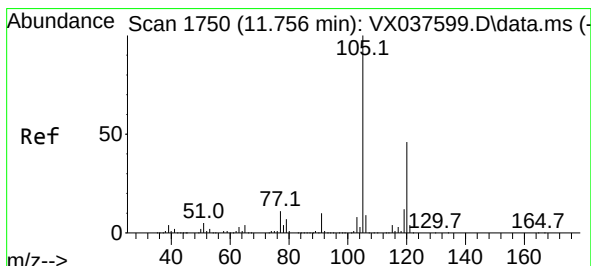
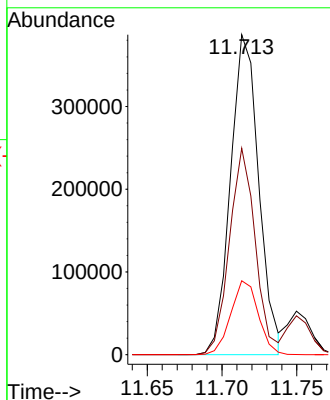
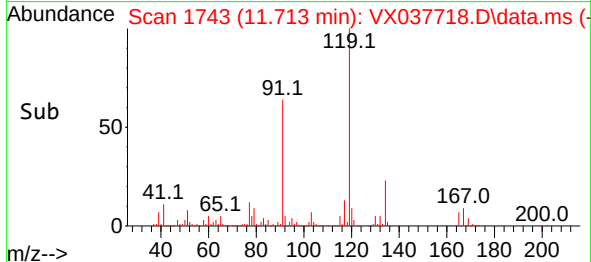
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 508264
Ion Ratio Lower Upper
119 100
91 59.2 31.2 93.6
134 22.6 11.7 35.0

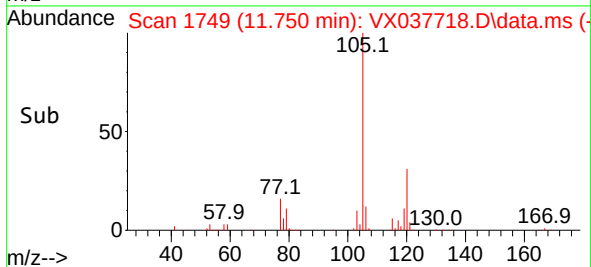
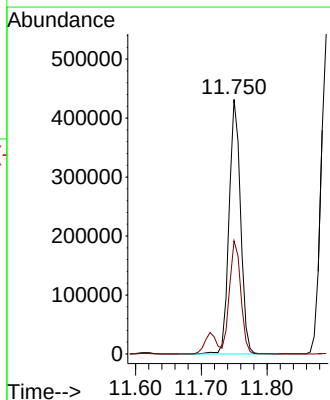
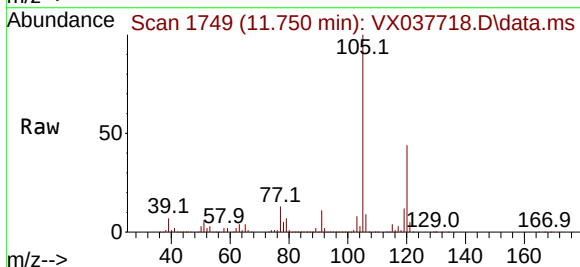
Manual Integrations
APPROVED

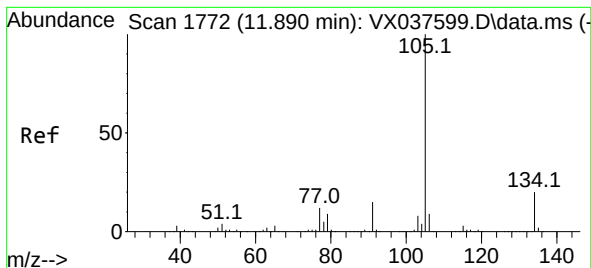
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.004 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

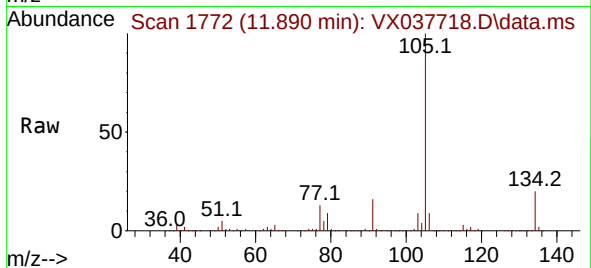
Tgt Ion:105 Resp: 522194
Ion Ratio Lower Upper
105 100
120 43.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 48.125 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037718.D
 Acq: 14 Sep 2023 08:12

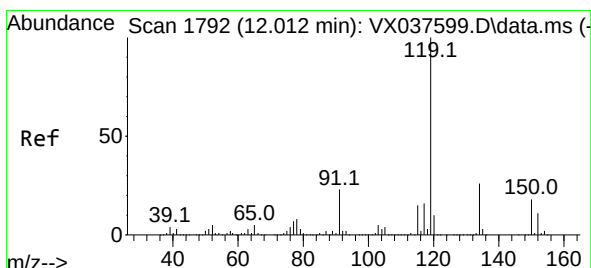
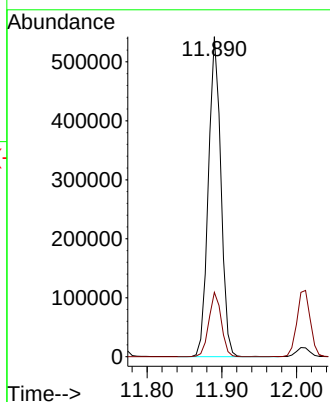
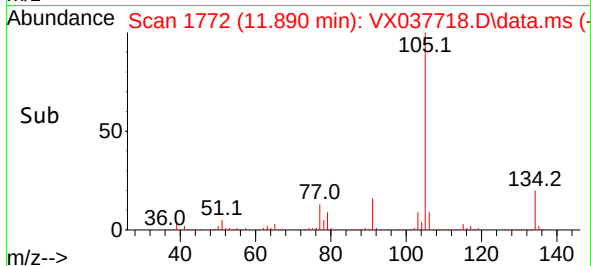
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



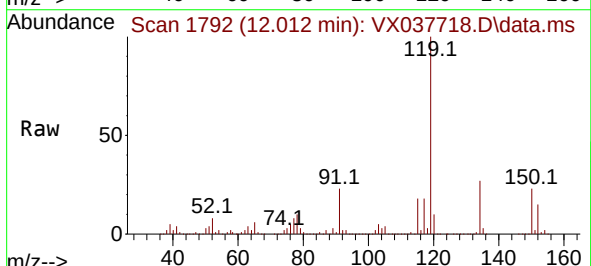
Tgt Ion:105 Resp: 63086
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

Manual Integrations
 APPROVED

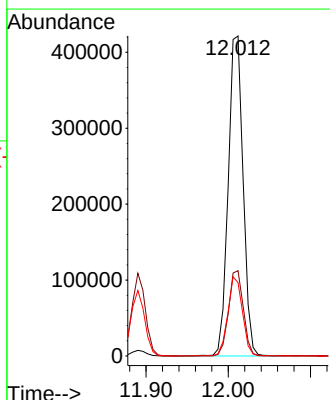
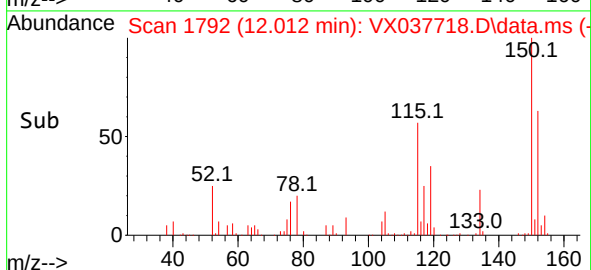
Reviewed By :John Carlone 09/14/2023
 Supervised By :Mahesh Dadoda 09/14/2023

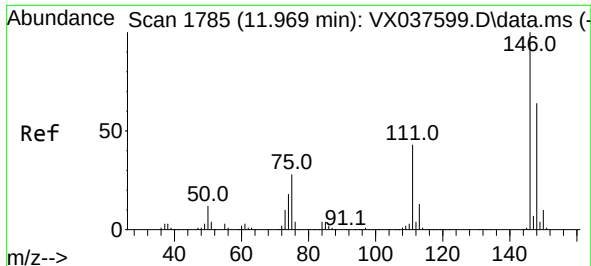


#86
 p-Isopropyltoluene
 Concen: 49.360 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037718.D
 Acq: 14 Sep 2023 08:12



Tgt Ion:119 Resp: 530220
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 24.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.500 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037718.D

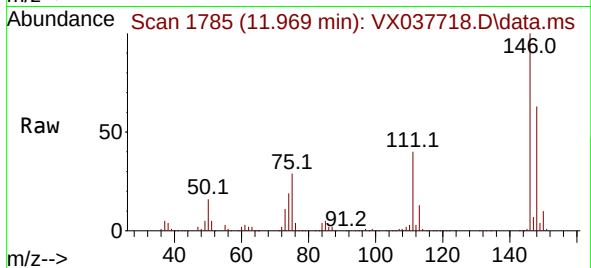
Acq: 14 Sep 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 283270

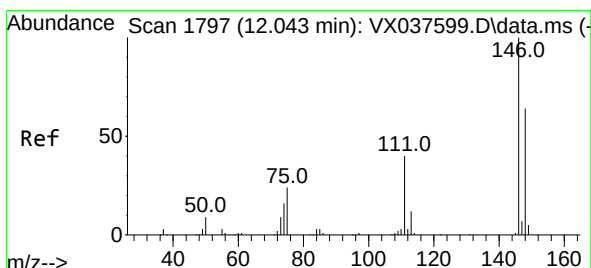
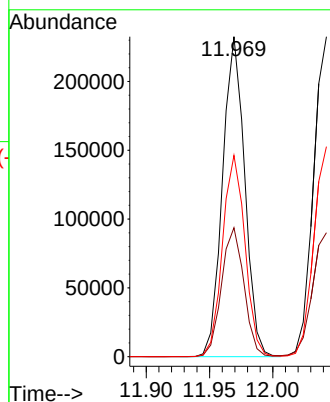
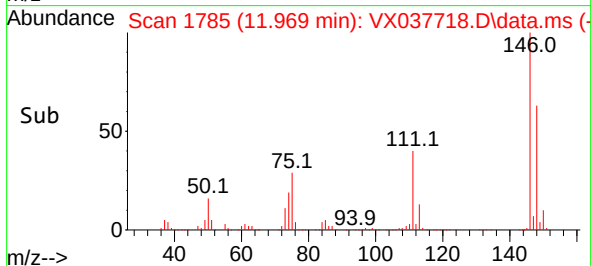
Ion	Ratio	Lower	Upper
146	100		
111	40.7	22.1	66.1
148	63.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#88

1,4-Dichlorobenzene

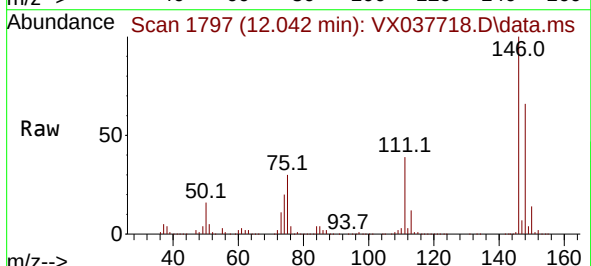
Concen: 48.102 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

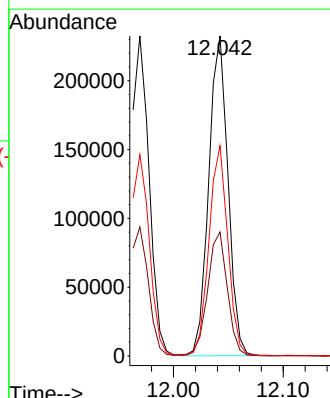
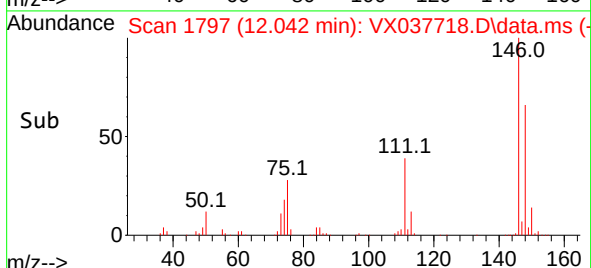
Lab File: VX037718.D

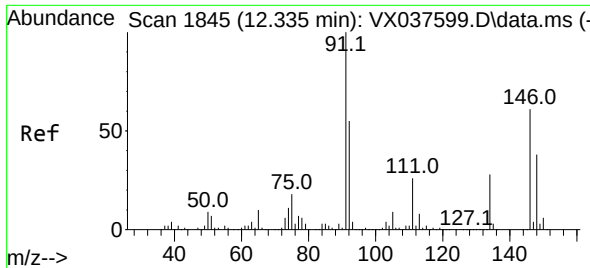
Acq: 14 Sep 2023 08:12



Tgt Ion:146 Resp: 282899

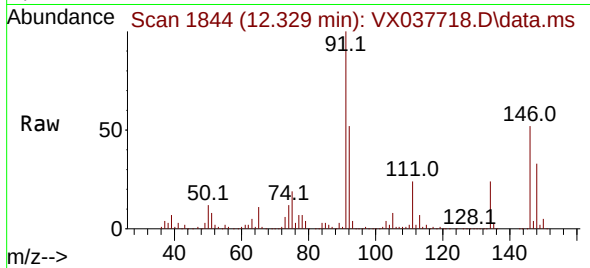
Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.3	63.7
148	64.5	31.8	95.4





#89
n-Butylbenzene
Concen: 47.523 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

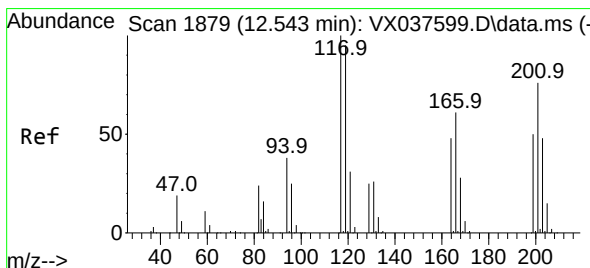
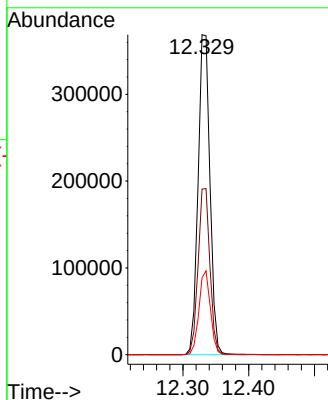
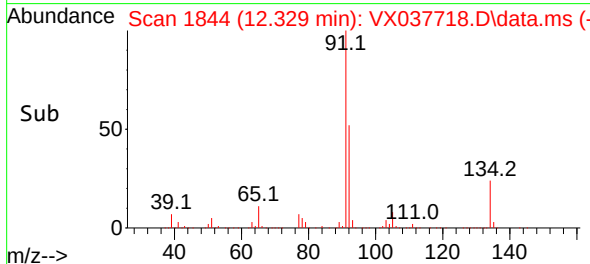
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 462339
Ion Ratio Lower Upper
91 100
92 51.7 27.4 82.0
134 25.2 12.6 37.8

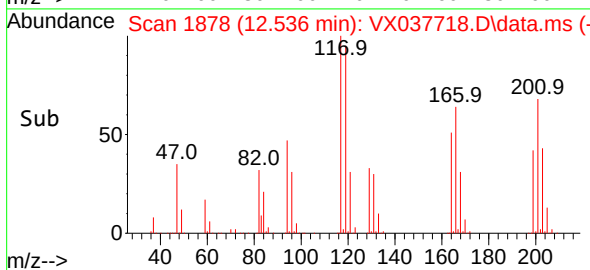
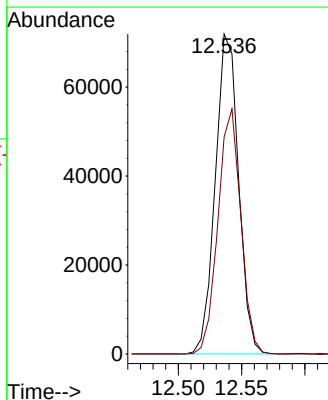
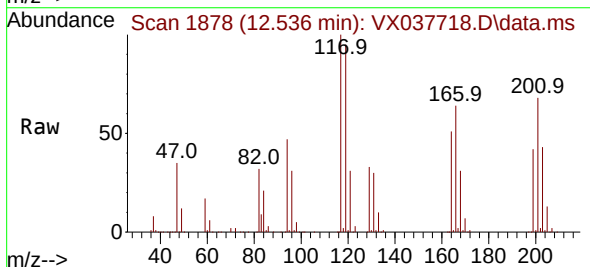
Manual Integrations
APPROVED

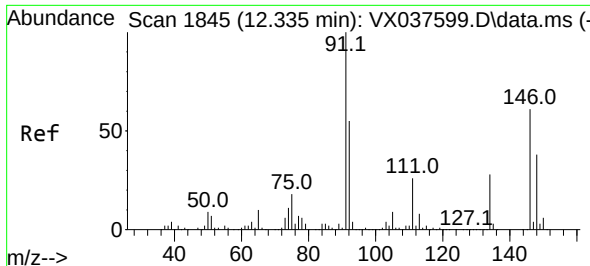
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#90
Hexachloroethane
Concen: 50.648 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

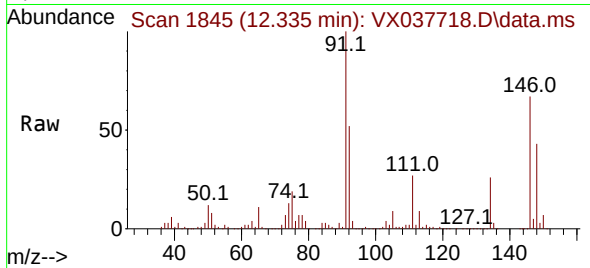
Tgt Ion:117 Resp: 91805
Ion Ratio Lower Upper
117 100
201 75.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.012 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

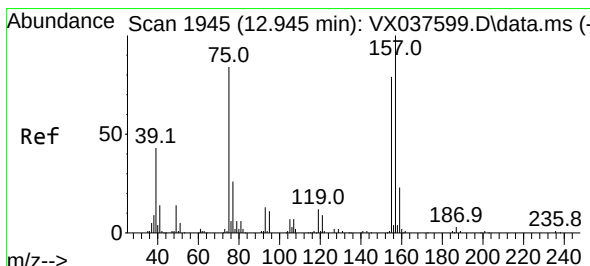
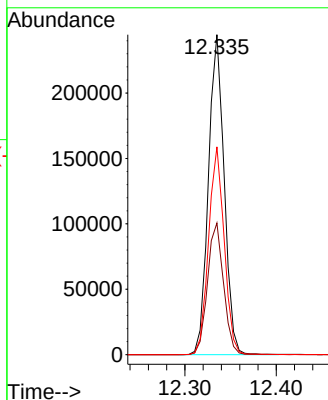
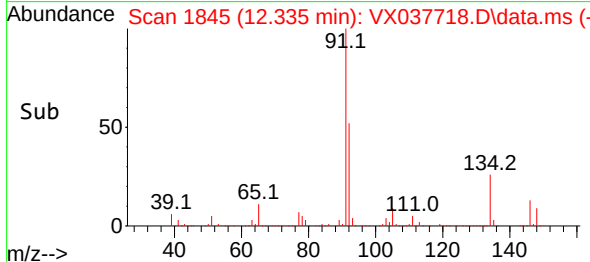
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



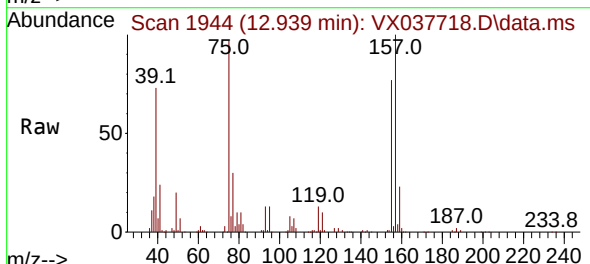
Tgt Ion:146 Resp: 292069
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.0
148 64.6 31.6 95.0

Manual Integrations
APPROVED

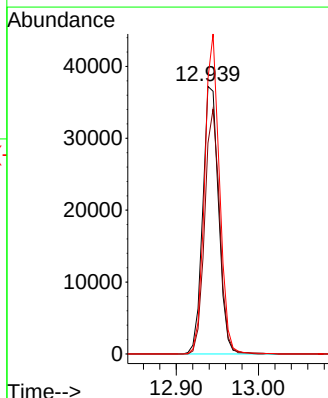
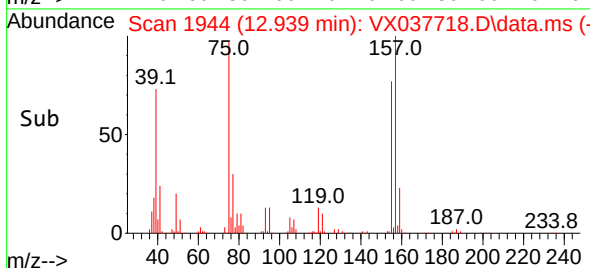
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

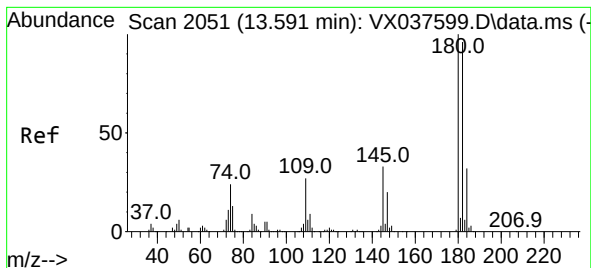


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.611 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12



Tgt Ion: 75 Resp: 49875
Ion Ratio Lower Upper
75 100
155 86.3 36.1 108.5
157 111.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.486 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

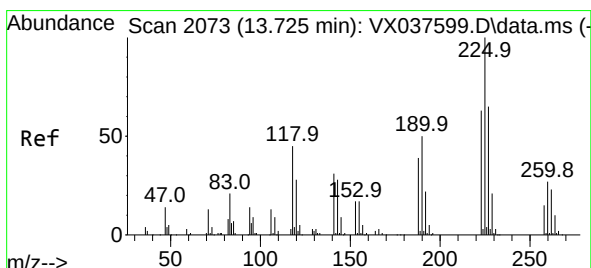
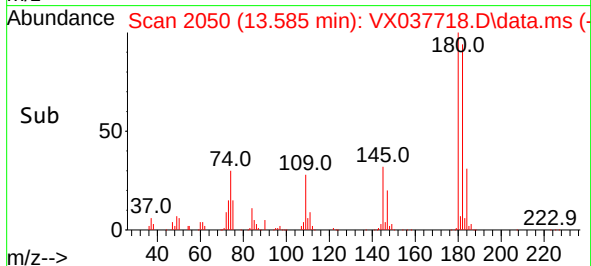
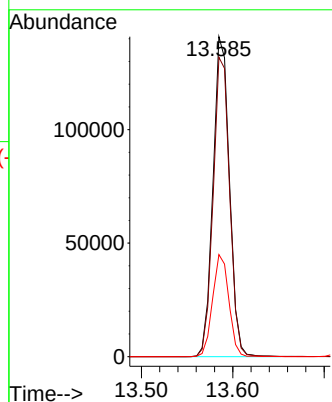
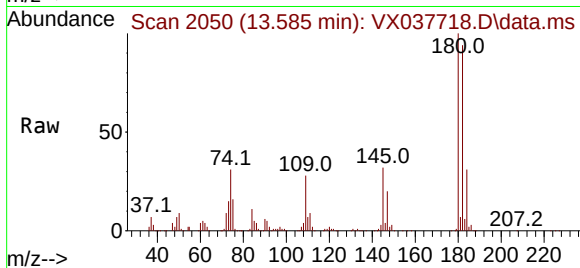
Tgt Ion:180	Resp: 175554
Ion Ratio	Lower Upper
180 100	
182 94.2	48.3 144.8
145 31.7	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#94

Hexachlorobutadiene

Concen: 51.651 ug/l

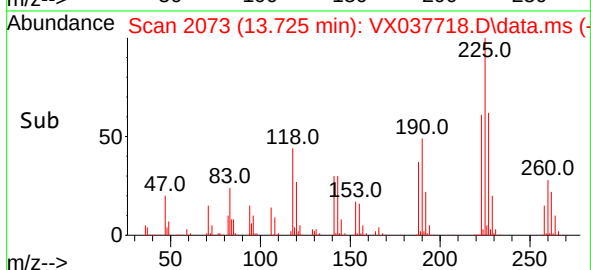
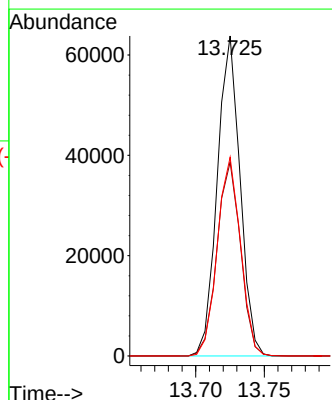
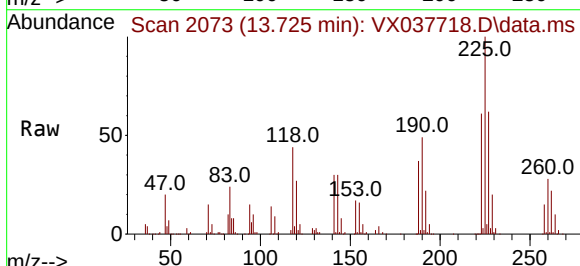
RT: 13.725 min Scan# 2073

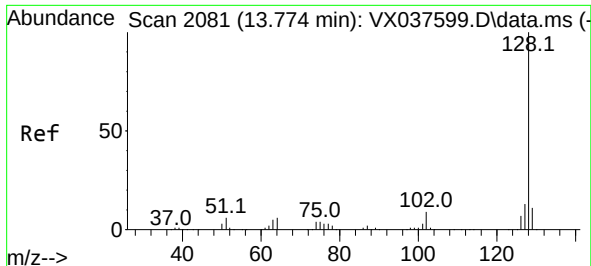
Delta R.T. -0.000 min

Lab File: VX037718.D

Acq: 14 Sep 2023 08:12

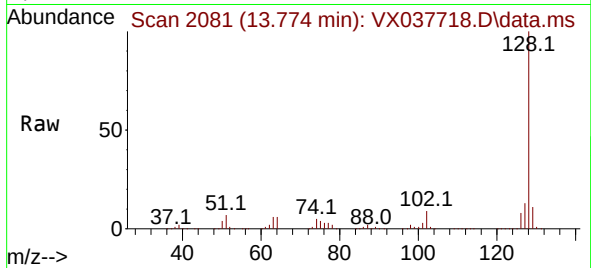
Tgt Ion:225	Resp: 73568
Ion Ratio	Lower Upper
225 100	
223 62.7	31.1 93.2
227 63.5	32.5 97.5





#95
Naphthalene
Concen: 52.526 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12

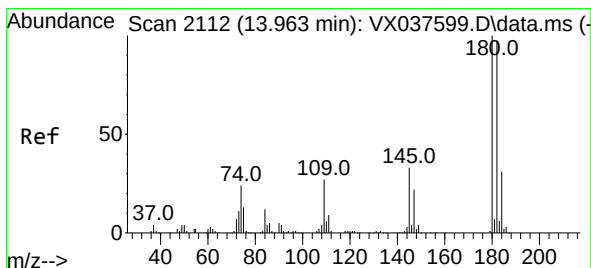
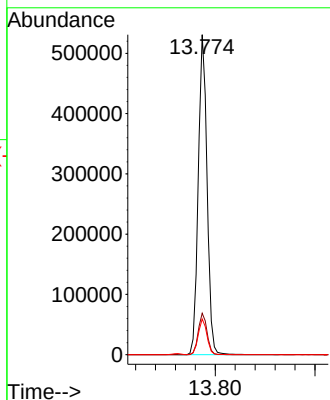
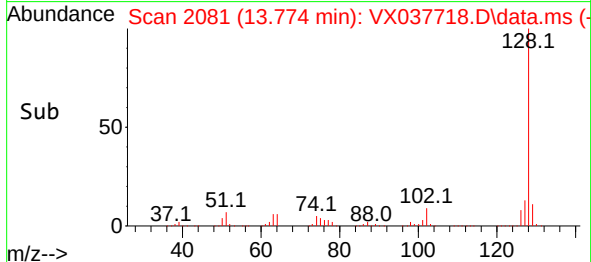
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



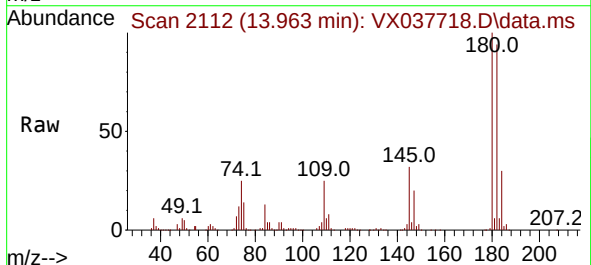
Tgt Ion:128 Resp: 648764
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.944 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037718.D
Acq: 14 Sep 2023 08:12



Tgt Ion:180 Resp: 181728
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.6
145 33.6 17.8 53.5

