

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037963.D
 Acq On : 29 Sep 2023 09:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/30/2023
 Supervised By : Mahesh Dadoda 10/02/2023

Quant Time: Sep 29 22:59:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	243483	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	391960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162091	50.669	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.340%			
35) Dibromofluoromethane	5.385	113	141802	54.069	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.140%			
50) Toluene-d8	8.647	98	526347	54.014	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.020%			
62) 4-Bromofluorobenzene	11.079	95	207947	58.725	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	101619	39.596	ug/l	99
3) Chloromethane	1.295	50	121491	43.509	ug/l	99
4) Vinyl Chloride	1.374	62	140772	46.730	ug/l	98
5) Bromomethane	1.599	94	111124	51.527	ug/l	99
6) Chloroethane	1.685	64	97532	46.996	ug/l	99
7) Trichlorofluoromethane	1.886	101	244939	50.575	ug/l	99
8) Diethyl Ether	2.130	74	92313	49.199	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	123191	50.121	ug/l	96
10) Methyl Iodide	2.453	142	159036	48.894	ug/l	91
11) Tert butyl alcohol	2.959	59	143206	208.555	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	117904	49.636	ug/l	82
13) Acrolein	2.233	56	148537	218.967	ug/l	99
14) Allyl chloride	2.660	41	188558	47.661	ug/l	# 96
15) Acrylonitrile	3.062	53	356358	233.419	ug/l	99
16) Acetone	2.374	43	398225	258.770	ug/l	92
17) Carbon Disulfide	2.514	76	296861	49.846	ug/l	100
18) Methyl Acetate	2.703	43	252247	45.438	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	421962	48.290	ug/l	99
20) Methylene Chloride	2.788	84	144764	50.882	ug/l	# 87
21) trans-1,2-Dichloroethene	3.087	96	138342	52.449	ug/l	89
22) Diisopropyl ether	3.757	45	403220	48.930	ug/l	# 89
23) Vinyl Acetate	3.721	43	1499436	247.369	ug/l	# 95
24) 1,1-Dichloroethane	3.605	63	241055	48.814	ug/l	98
25) 2-Butanone	4.550	43	520730	239.785	ug/l	91
26) 2,2-Dichloropropane	4.477	77	200730	50.306	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	163278	50.493	ug/l	90
28) Bromochloromethane	4.891	49	99153	43.039	ug/l	# 79
29) Tetrahydrofuran	5.001	42	304786	225.632	ug/l	88
30) Chloroform	5.093	83	266914	50.174	ug/l	99
31) Cyclohexane	5.471	56	207249	50.476	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	232451	51.606	ug/l	98
36) 1,1-Dichloropropene	5.690	75	192751	53.352	ug/l	96
37) Ethyl Acetate	4.709	43	188889	47.558	ug/l	96
38) Carbon Tetrachloride	5.678	117	204453	54.087	ug/l	98
39) Methylcyclohexane	7.379	83	246400	53.737	ug/l	93
40) Benzene	6.038	78	572606	51.540	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	97190	47.991	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	202416	50.409	ug/l	96
43) Isopropyl Acetate	6.336	43	306787	48.306	ug/l #	95
44) Trichloroethene	7.123	130	159708	51.620	ug/l	99
45) 1,2-Dichloropropane	7.428	63	147922	51.270	ug/l	100
46) Dibromomethane	7.580	93	109741	52.877	ug/l	92
47) Bromodichloromethane	7.818	83	204059	53.386	ug/l	97
48) Methyl methacrylate	7.690	41	151664	49.956	ug/l #	88
49) 1,4-Dioxane	7.653	88	71303	895.851	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	974570	241.867	ug/l	95
52) Toluene	8.720	92	384553	53.708	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	224752	56.235	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	241658	54.634	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	159858	52.955	ug/l	98
56) Ethyl methacrylate	9.116	69	232850	51.668	ug/l	91
57) 1,3-Dichloropropane	9.305	76	252804	51.751	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	444120	211.045	ug/l	97
59) 2-Hexanone	9.427	43	792318	252.550	ug/l	93
60) Dibromochloromethane	9.519	129	168898	56.163	ug/l	99
61) 1,2-Dibromoethane	9.610	107	171671	53.711	ug/l	99
64) Tetrachloroethene	9.275	164	138441	53.693	ug/l	97
65) Chlorobenzene	10.080	112	426595	52.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	154651	53.513	ug/l	99
67) Ethyl Benzene	10.195	91	757891	53.604	ug/l	98
68) m/p-Xylenes	10.299	106	598782	109.599	ug/l	96
69) o-Xylene	10.640	106	293702	53.609	ug/l	96
70) Styrene	10.653	104	492865	56.037	ug/l	95
71) Bromoform	10.799	173	129752	56.834	ug/l #	100
73) Isopropylbenzene	10.964	105	771113	47.061	ug/l	98
74) N-amyl acetate	10.842	43	298646	45.005	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	257584	44.699	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	231405m	44.797	ug/l	
77) Bromobenzene	11.195	156	196816	48.530	ug/l	86
78) n-propylbenzene	11.305	91	929546	50.233	ug/l	99
79) 2-Chlorotoluene	11.366	91	538008	47.153	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	673089	48.643	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	76485	47.431	ug/l	88
82) 4-Chlorotoluene	11.457	91	636827	49.577	ug/l	95
83) tert-Butylbenzene	11.713	119	662656	47.383	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	673862	48.946	ug/l	96
85) sec-Butylbenzene	11.890	105	860894	50.741	ug/l	99
86) p-Isopropyltoluene	12.006	119	729171	51.584	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	385807	51.034	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	391557	50.615	ug/l	97
89) n-Butylbenzene	12.329	91	695587	56.171	ug/l	97
90) Hexachloroethane	12.536	117	122659	51.213	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	378777	49.074	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52954	46.100	ug/l	73
93) 1,2,4-Trichlorobenzene	13.585	180	254053	55.877	ug/l	97
94) Hexachlorobutadiene	13.725	225	114761	54.051	ug/l	99
95) Naphthalene	13.774	128	772003	50.206	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	248216	53.050	ug/l	97

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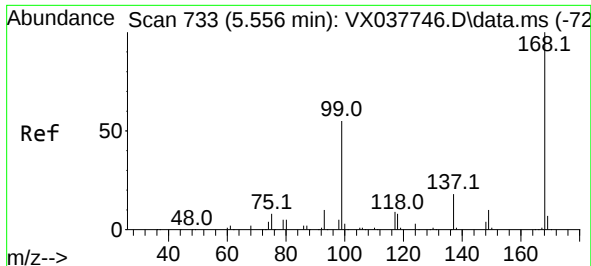
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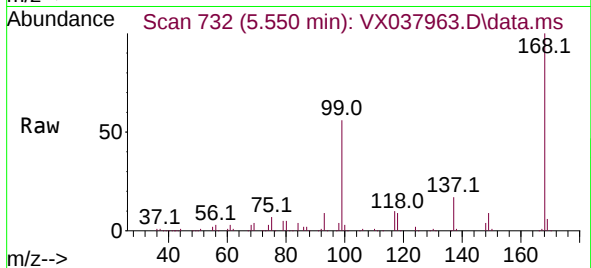
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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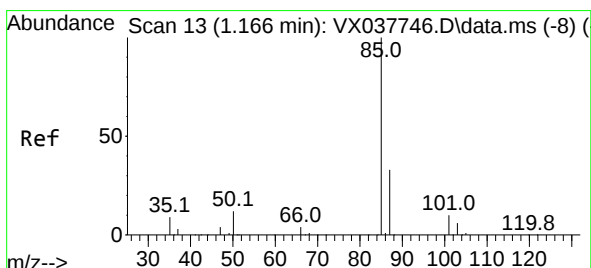
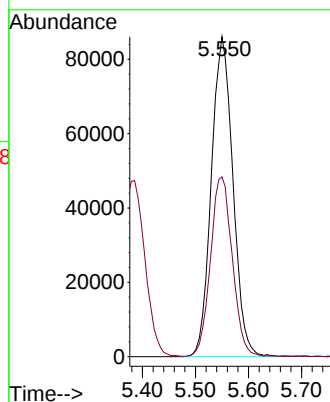
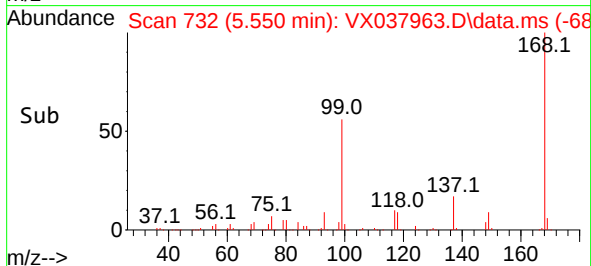
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:168 Resp: 24348
Ion Ratio Lower Upper
168 100
99 56.1 56.6 85.0

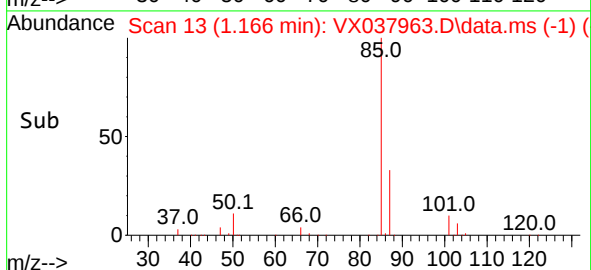
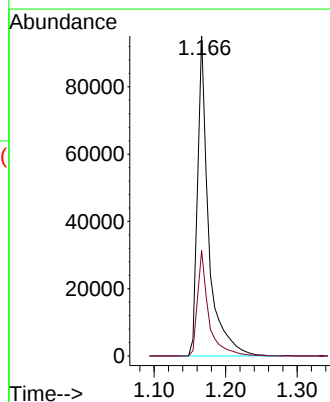
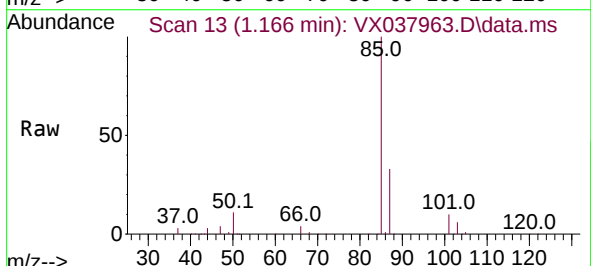
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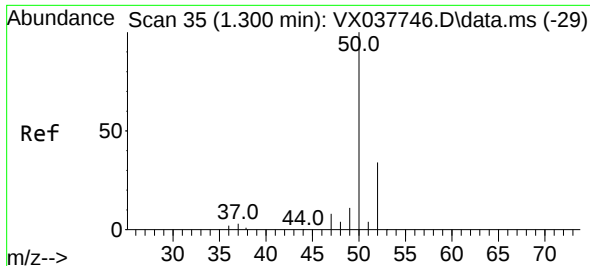
Reviewed By :John Carbone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#2
Dichlorodifluoromethane
Concen: 39.596 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

Tgt Ion: 85 Resp: 101619
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1





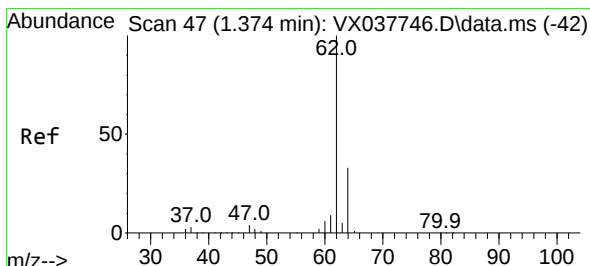
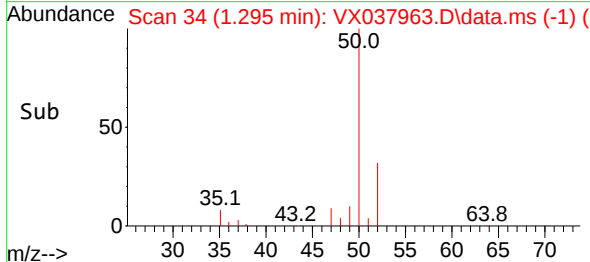
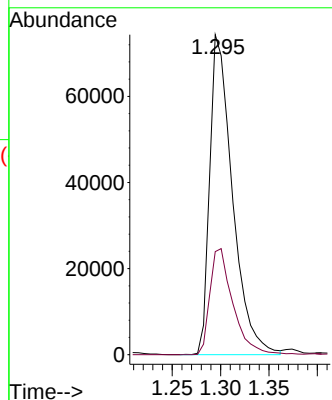
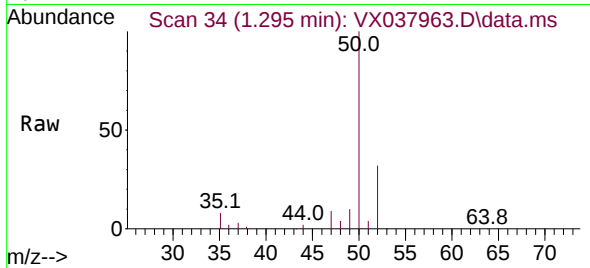
#3
Chloromethane
Concen: 43.509 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037963.D
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Tgt Ion: 50 Resp: 12149
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

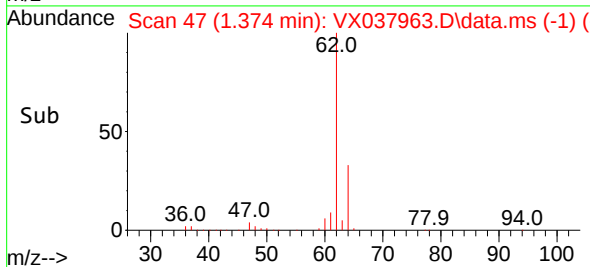
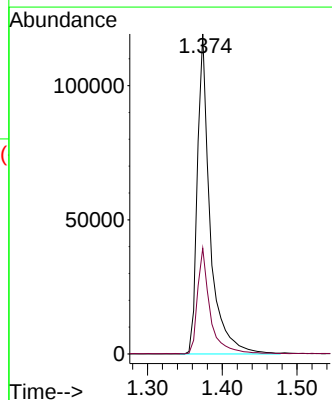
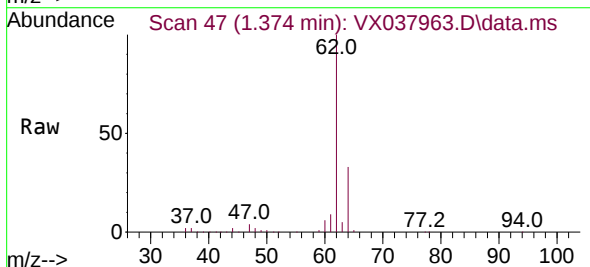
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#4
Vinyl Chloride
Concen: 46.730 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

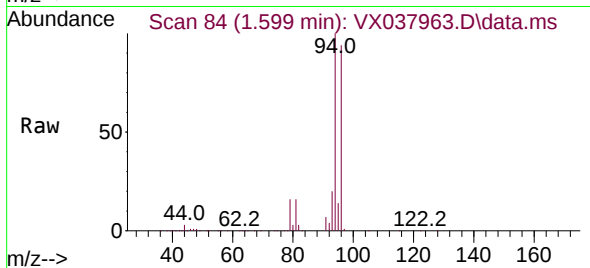
Tgt Ion: 62 Resp: 140772
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0





#5
Bromomethane
Concen: 51.527 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

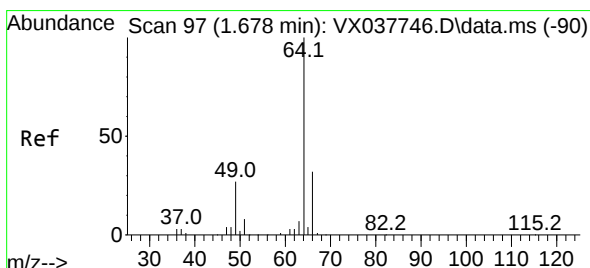
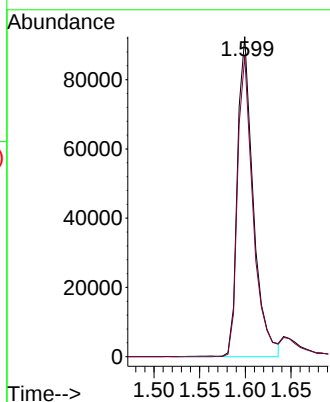
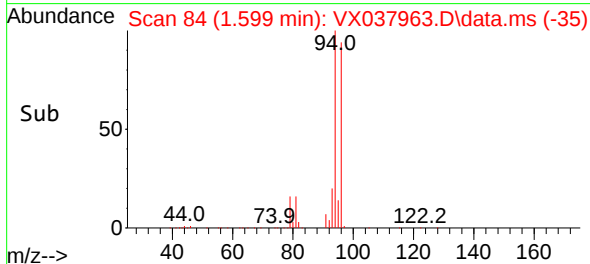
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 111124
Ion Ratio Lower Upper
94 100
96 93.9 74.6 111.8

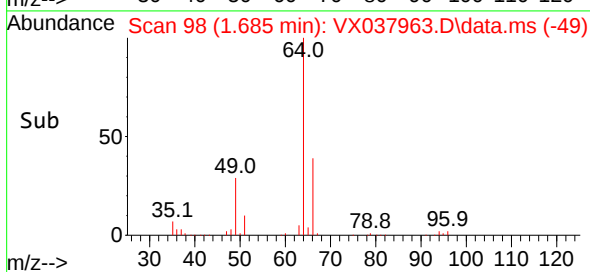
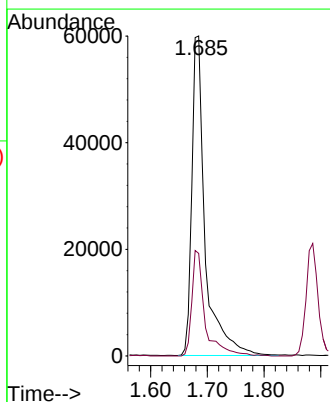
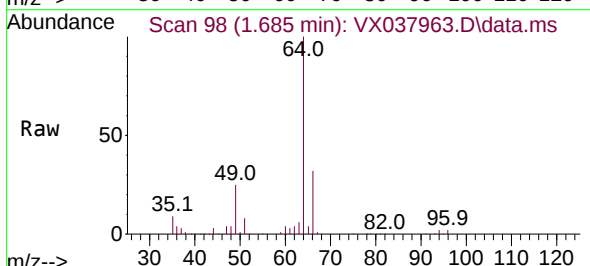
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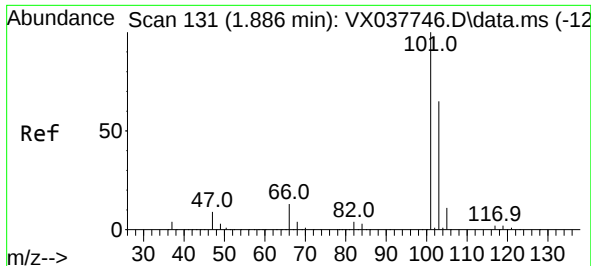
Reviewed By :John Carlone 09/30/2023
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#6
Chloroethane
Concen: 46.996 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

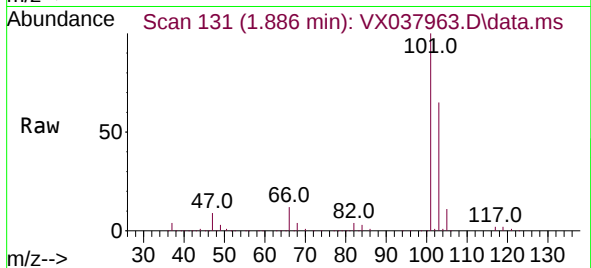
Tgt Ion: 64 Resp: 97532
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 50.575 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037963.D
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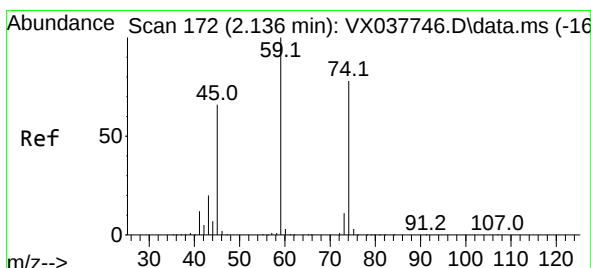
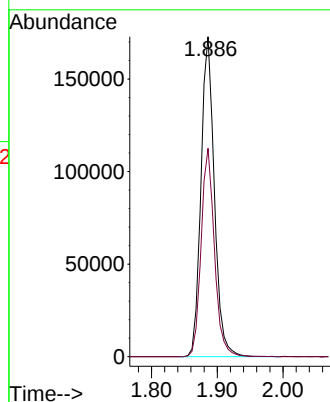
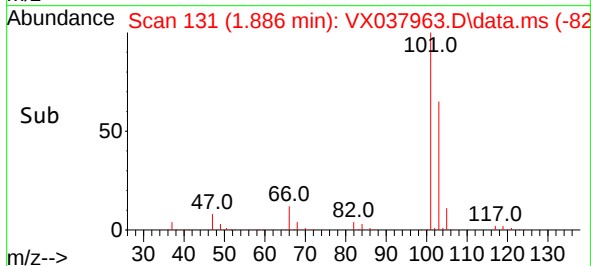
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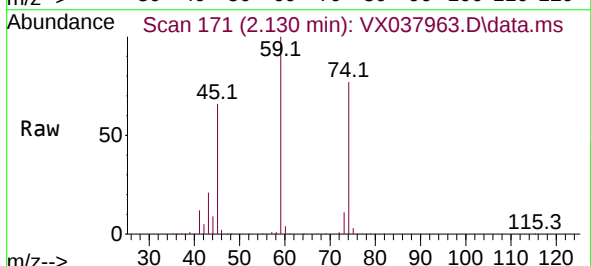
Tgt Ion:101 Resp: 244939
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

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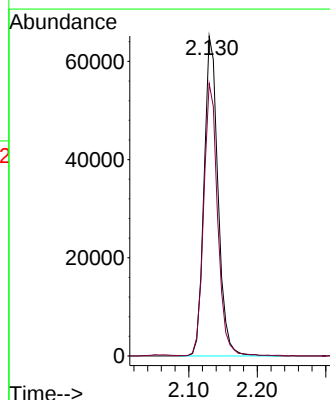
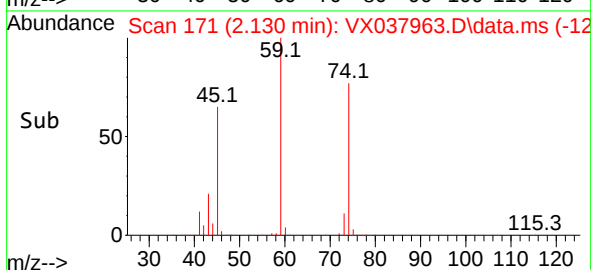
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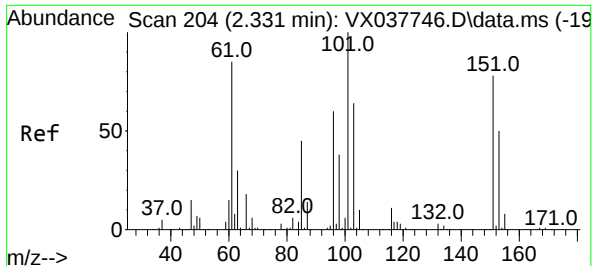


#8
Diethyl Ether
Concen: 49.199 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 92313
Ion Ratio Lower Upper
74 100
45 85.8 53.3 159.8





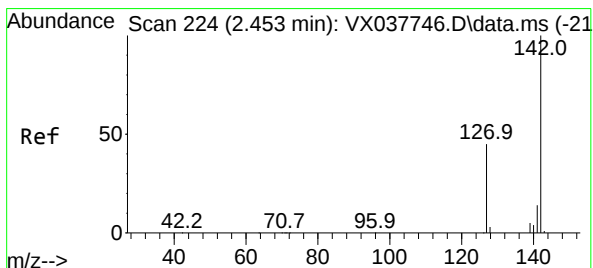
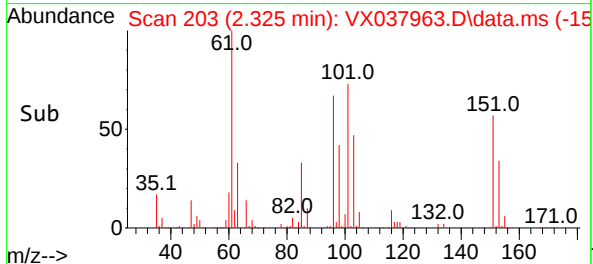
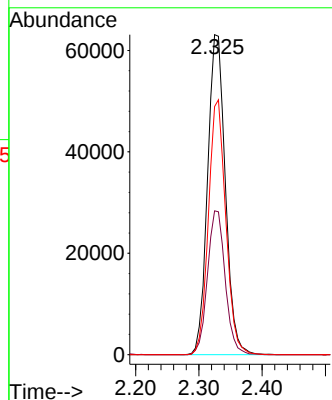
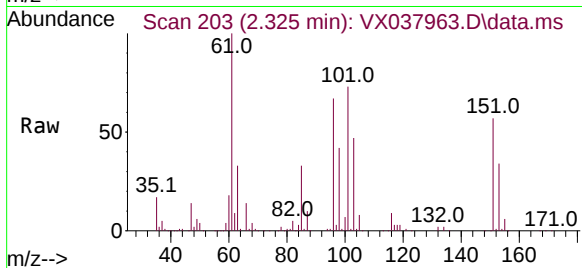
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.121 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX037963.D
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MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12319
Ion Ratio Lower Upper
101 100
85 44.9 37.0 55.6
151 77.8 58.6 87.8

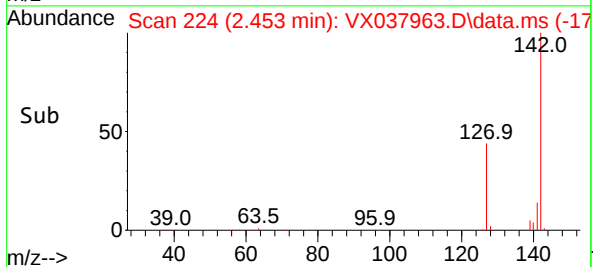
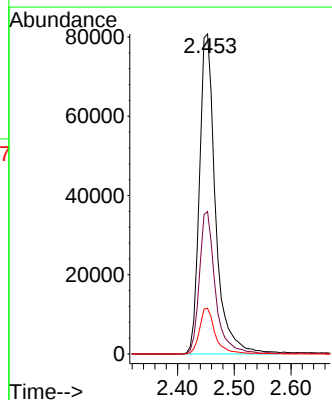
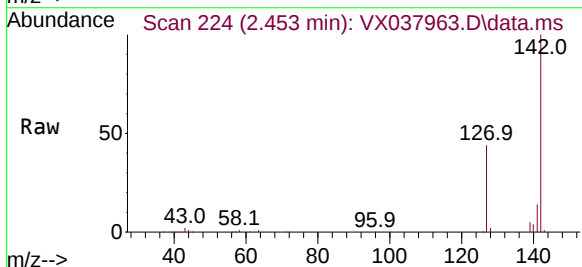
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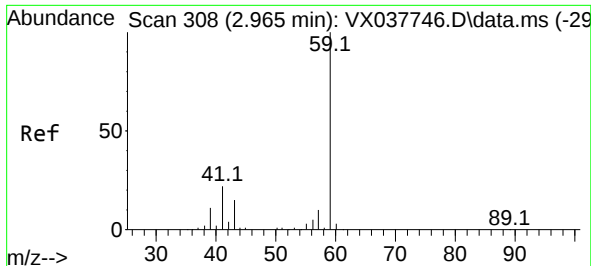
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#10
Methyl Iodide
Concen: 48.894 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

Tgt Ion:142 Resp: 159036
Ion Ratio Lower Upper
142 100
127 44.2 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 208.555 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 143200

Ion Ratio Lower Upper

59 100

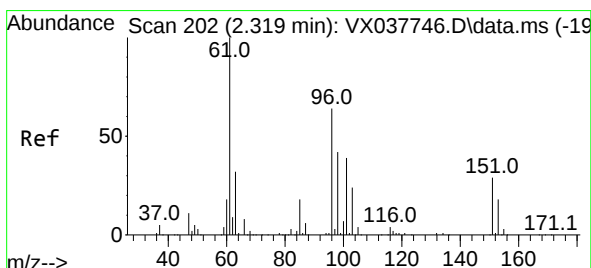
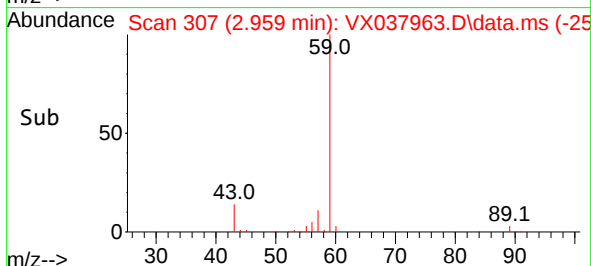
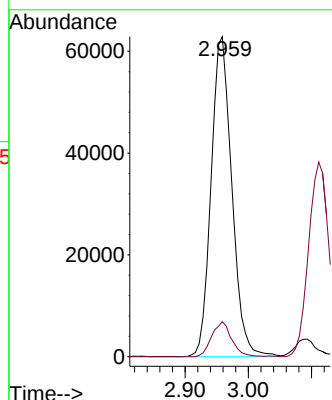
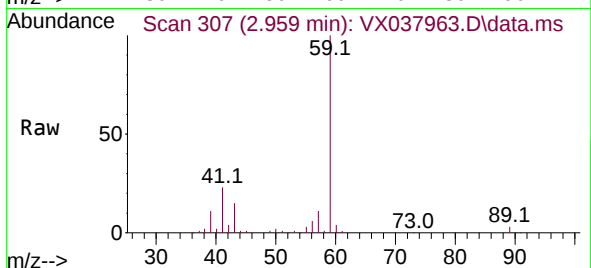
57 10.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#12

1,1-Dichloroethene

Concen: 49.636 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

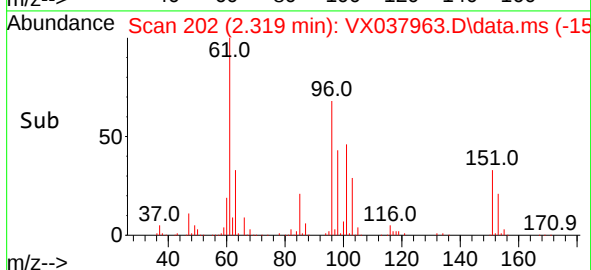
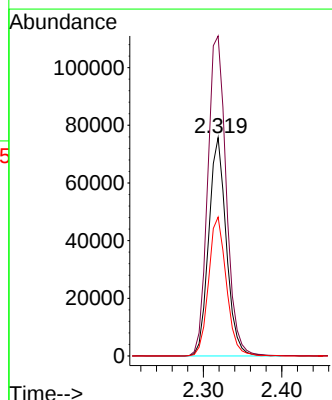
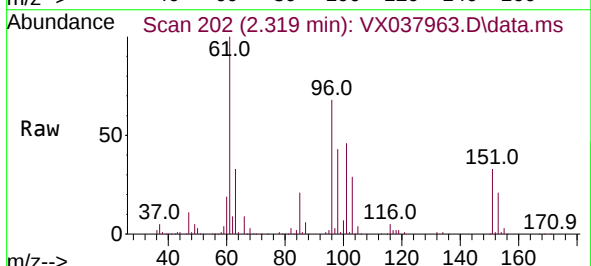
Tgt Ion: 96 Resp: 117904

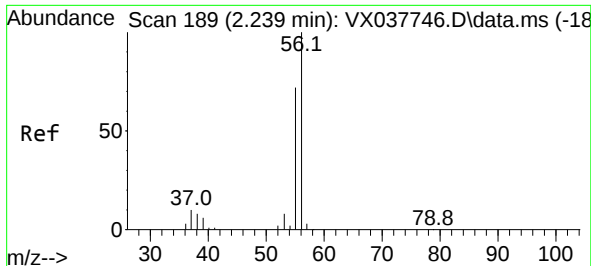
Ion Ratio Lower Upper

96 100

61 146.5 144.6 216.8

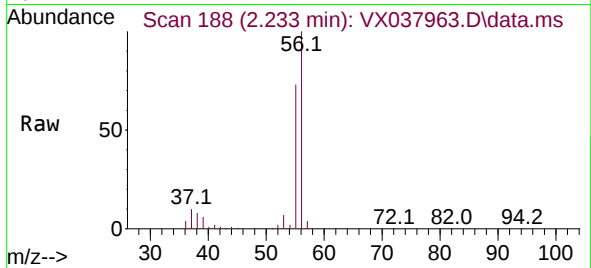
98 63.6 50.4 75.6





#13
Acrolein
Concen: 218.967 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

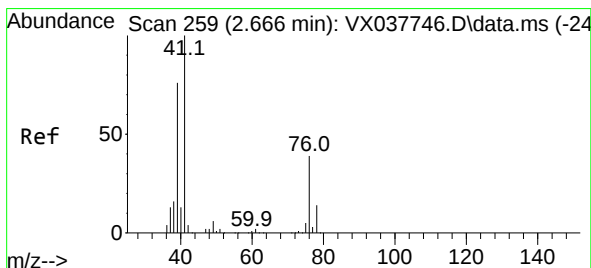
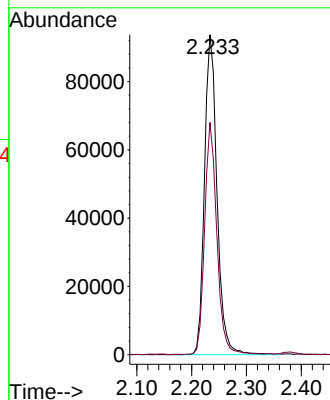
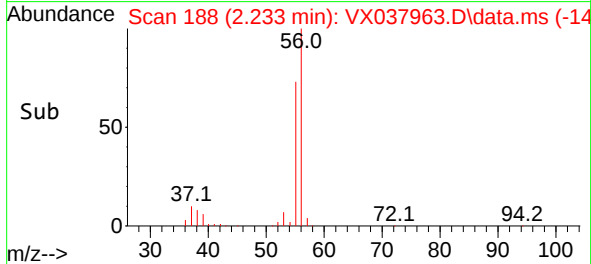
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 14853
Ion Ratio Lower Upper
56 100
55 70.6 57.1 85.7

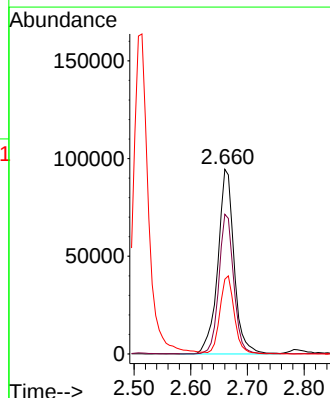
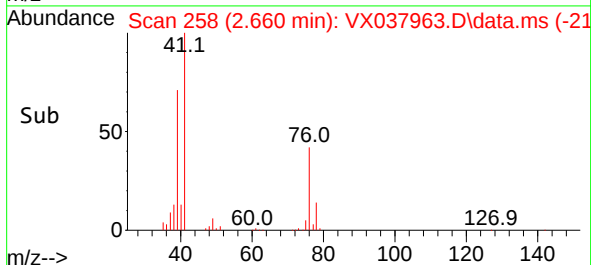
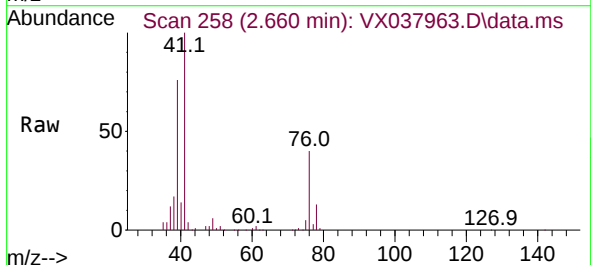
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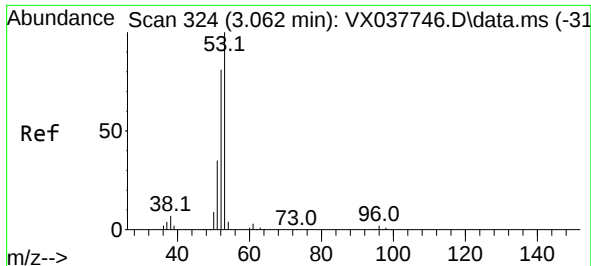
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#14
Allyl chloride
Concen: 47.661 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

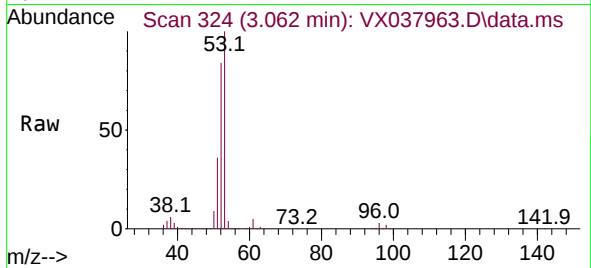
Tgt Ion: 41 Resp: 188558
Ion Ratio Lower Upper
41 100
39 68.9 55.8 83.6
76 37.3 24.3 36.5





#15
Acrylonitrile
Concen: 233.419 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

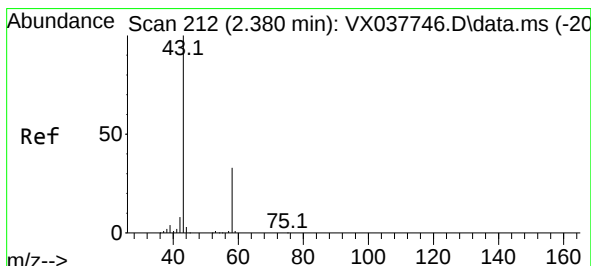
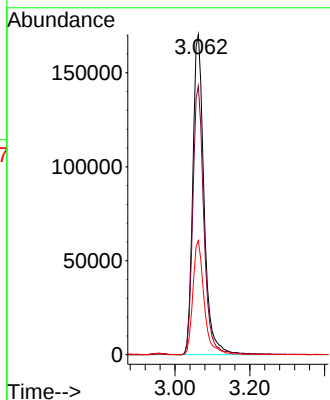
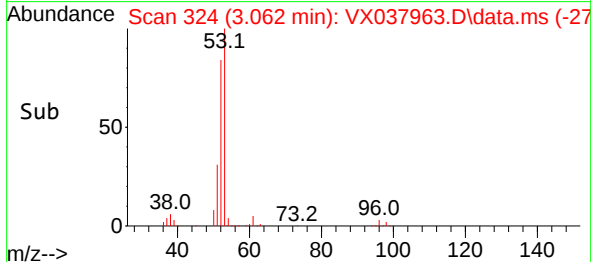
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 356358
Ion Ratio Lower Upper
53 100
52 82.9 66.0 99.0
51 35.8 29.8 44.6

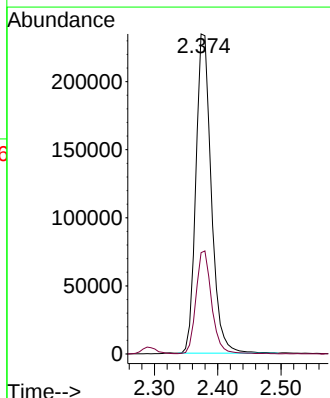
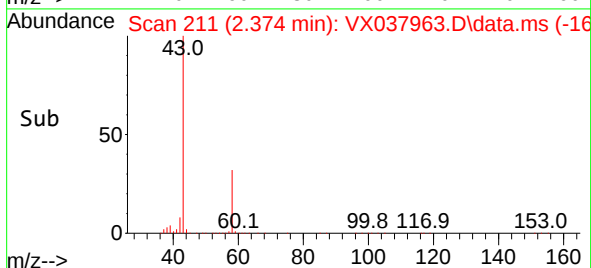
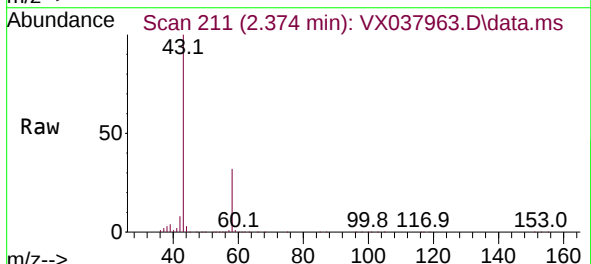
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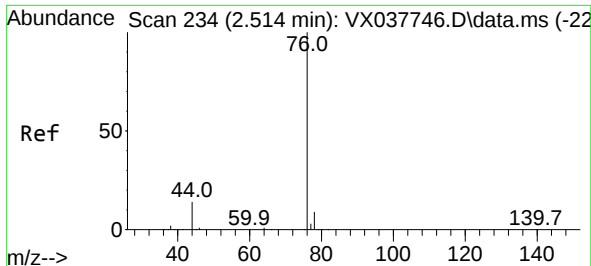
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#16
Acetone
Concen: 258.770 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

Tgt Ion: 43 Resp: 398225
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9





#17

Carbon Disulfide

Concen: 49.846 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 29686

Ion Ratio Lower Upper

76 100

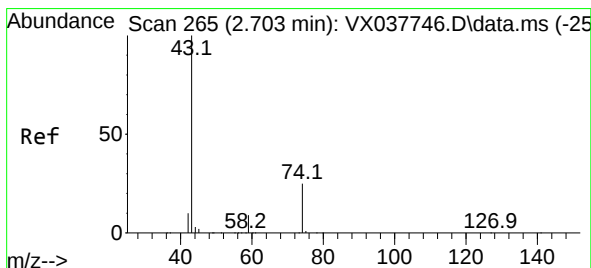
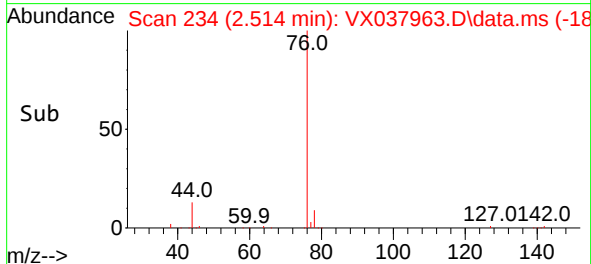
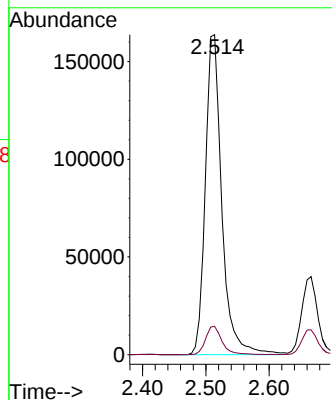
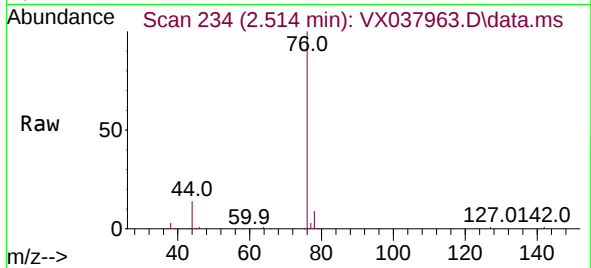
78 8.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#18

Methyl Acetate

Concen: 45.438 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037963.D

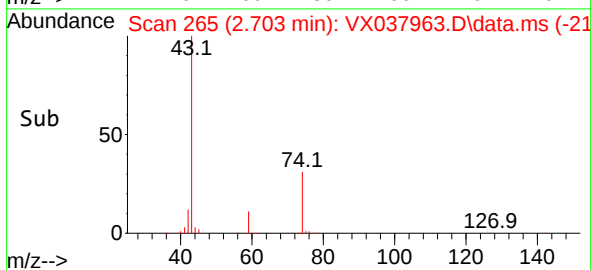
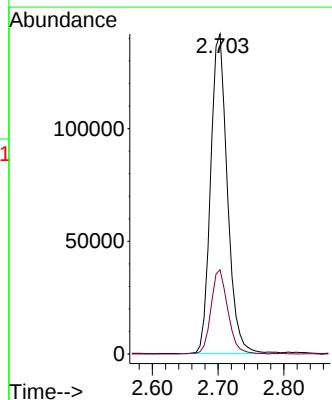
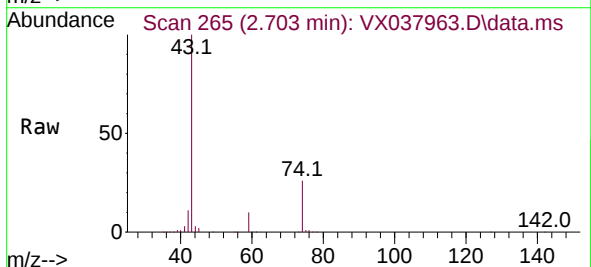
Acq: 29 Sep 2023 09:46

Tgt Ion: 43 Resp: 252247

Ion Ratio Lower Upper

43 100

74 26.5 17.8 26.8





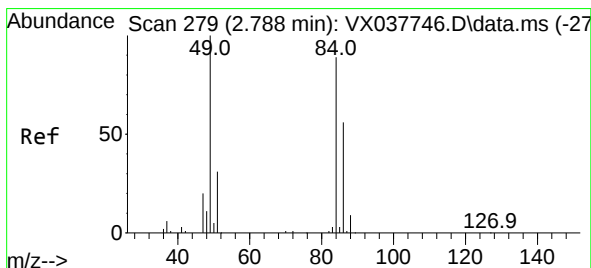
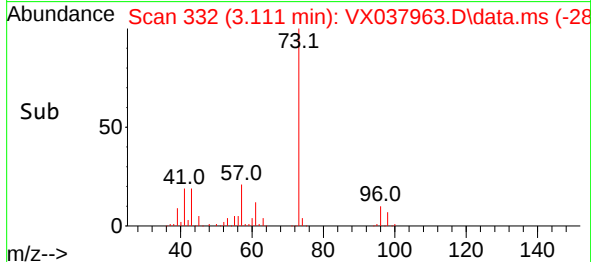
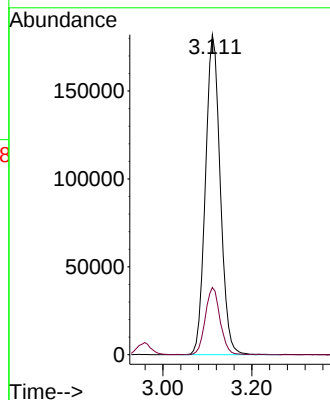
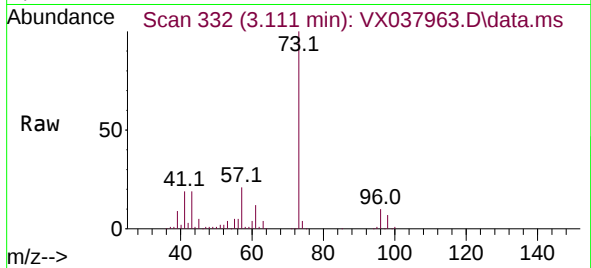
#19
Methyl tert-butyl Ether
Concen: 48.290 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 421962
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

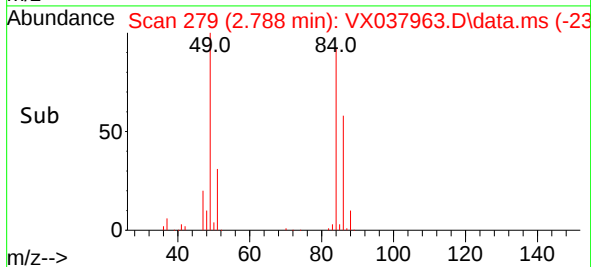
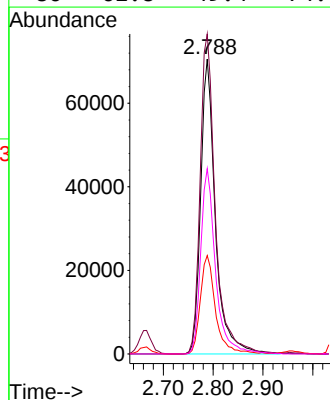
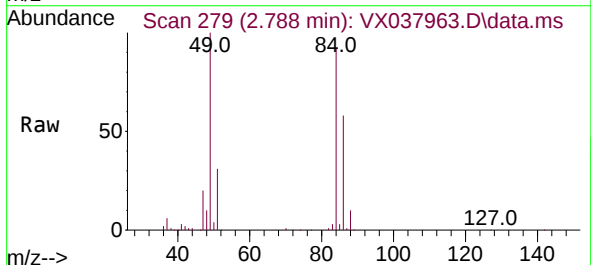
Manual Integrations
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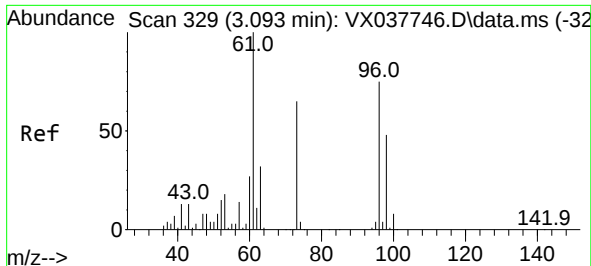
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#20
Methylene Chloride
Concen: 50.882 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

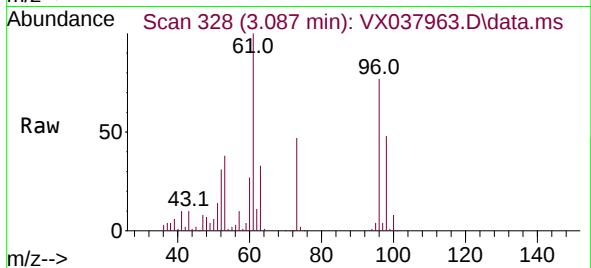
Tgt Ion: 84 Resp: 144764
Ion Ratio Lower Upper
84 100
49 108.5 103.6 155.4
51 33.4 33.8 50.6#
86 62.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 52.449 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

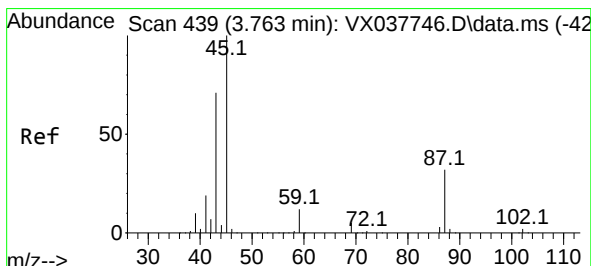
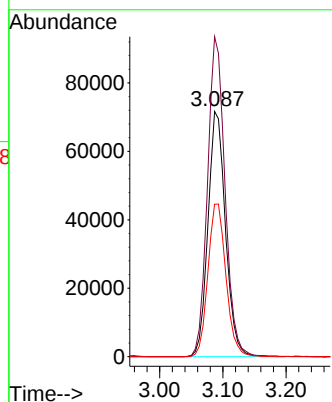
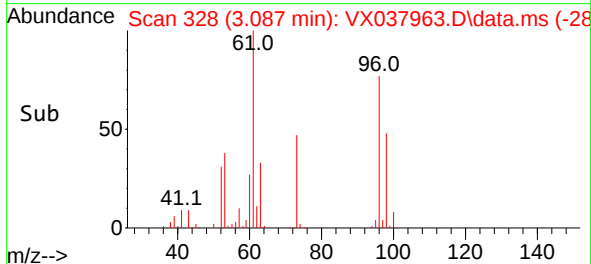
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



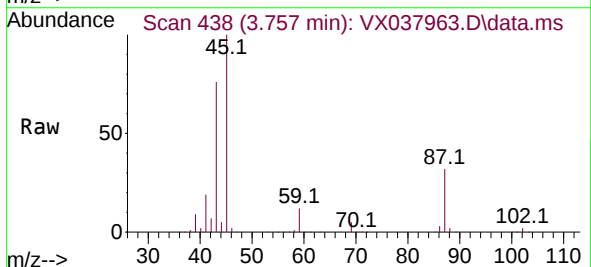
Tgt Ion: 96 Resp: 13834
Ion Ratio Lower Upper
96 100
61 130.5 119.2 178.8
98 62.1 48.7 73.1

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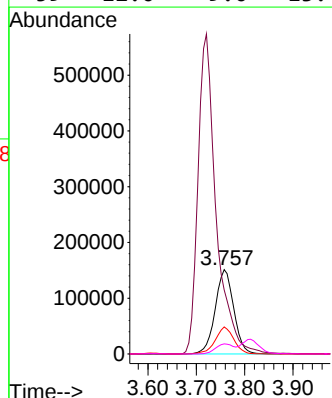
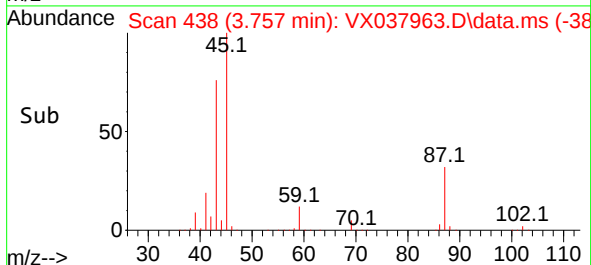
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

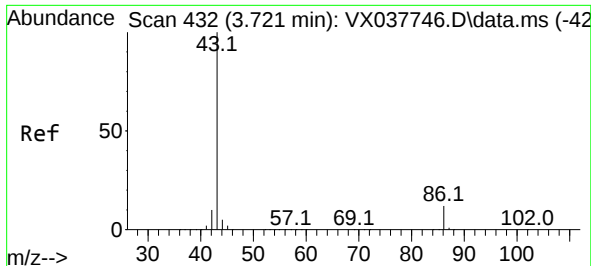


#22
Diisopropyl ether
Concen: 48.930 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46



Tgt Ion: 45 Resp: 403220
Ion Ratio Lower Upper
45 100
43 75.8 69.7 104.5
87 32.0 20.8 31.2#
59 12.0 9.0 13.4





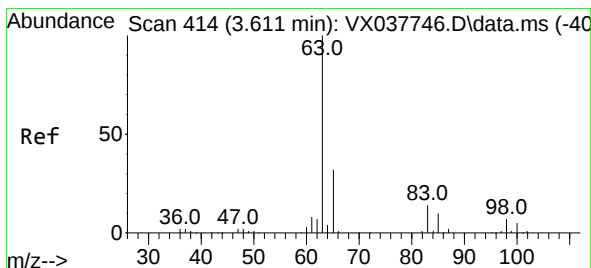
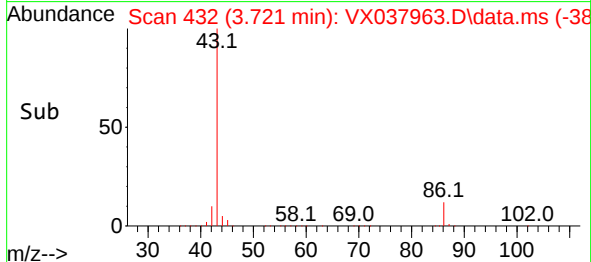
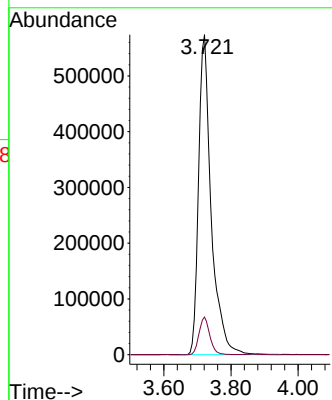
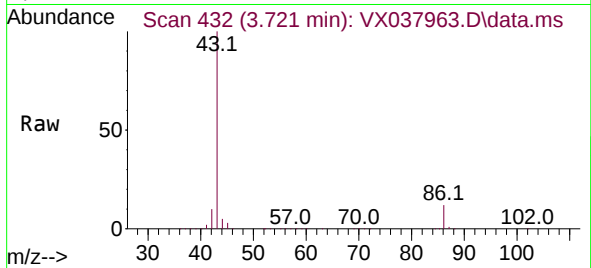
#23
 Vinyl Acetate
 Concen: 247.369 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX037963.D
 Acq: 29 Sep 2023 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1499430
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.8 11.8

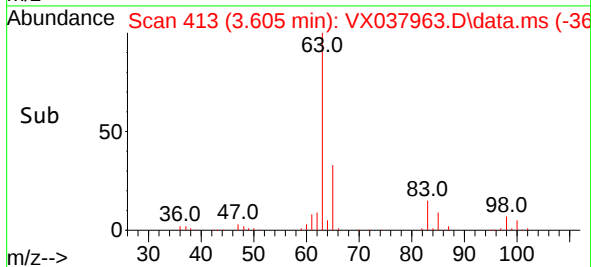
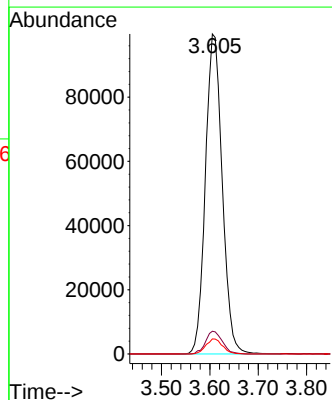
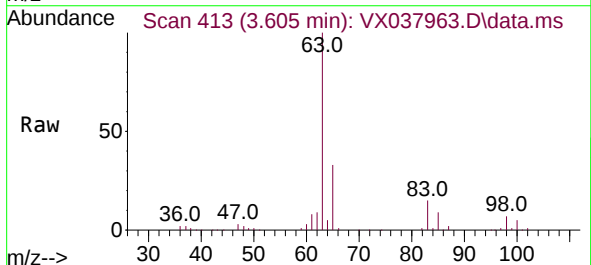
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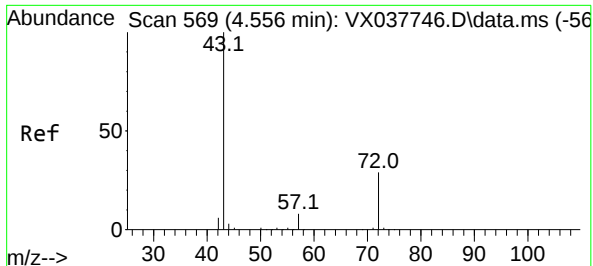
Reviewed By :John Carlone 09/30/2023
 Supervised By :Mahesh Dadoda 10/02/2023



#24
 1,1-Dichloroethane
 Concen: 48.814 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX037963.D
 Acq: 29 Sep 2023 09:46

Tgt Ion: 63 Resp: 241055
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 239.785 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.018 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 520730

Ion Ratio Lower Upper

43 100

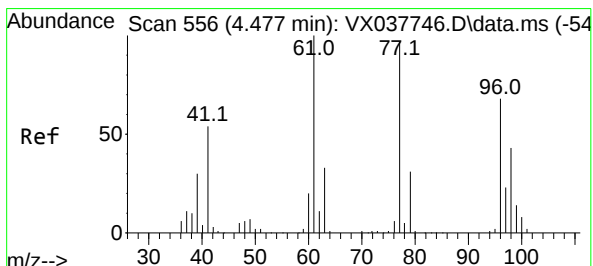
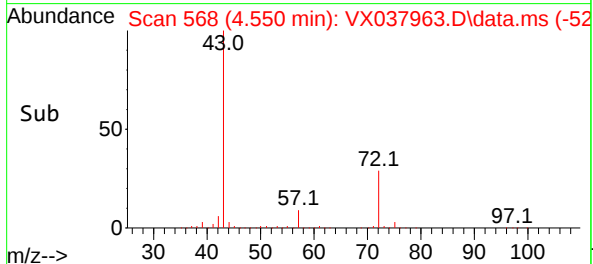
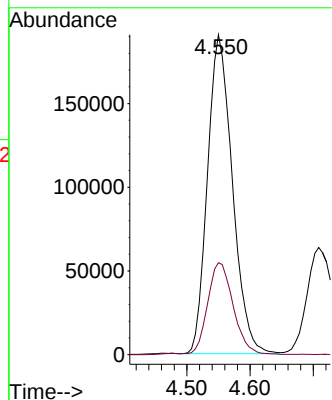
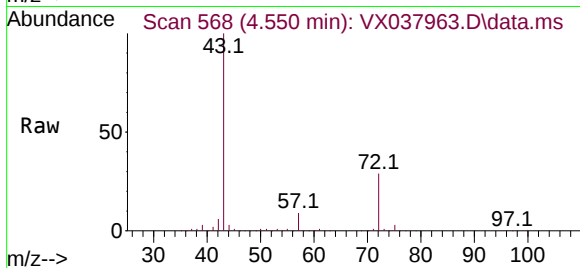
72 28.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#26

2,2-Dichloropropane

Concen: 50.306 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037963.D

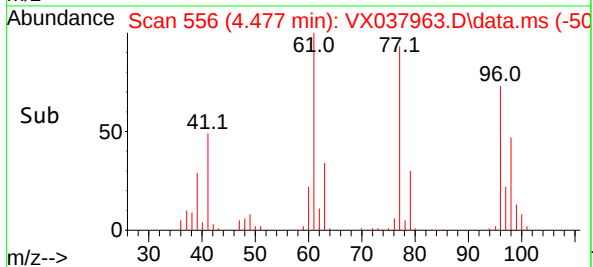
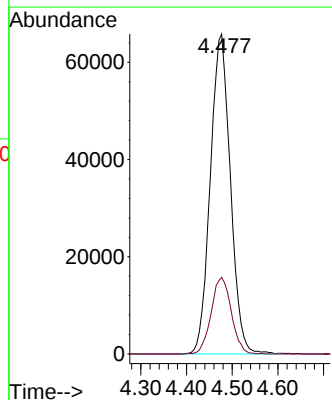
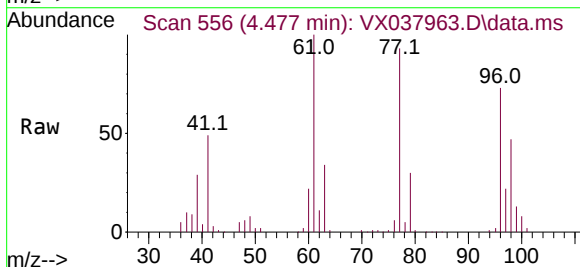
Acq: 29 Sep 2023 09:46

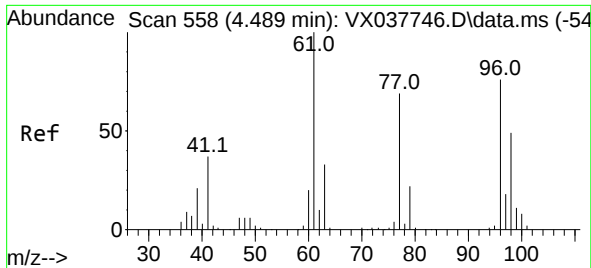
Tgt Ion: 77 Resp: 200730

Ion Ratio Lower Upper

77 100

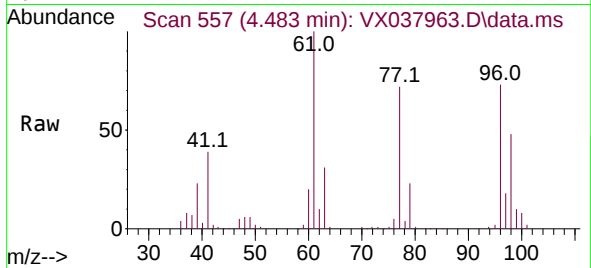
97 24.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 50.493 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX037963.D
 Acq: 29 Sep 2023 09:46

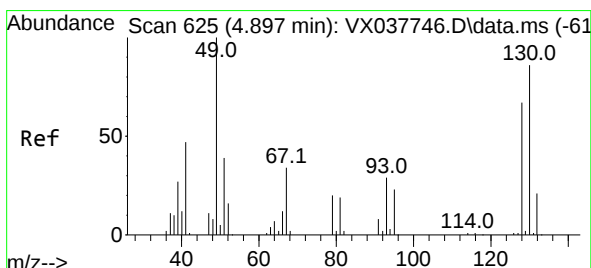
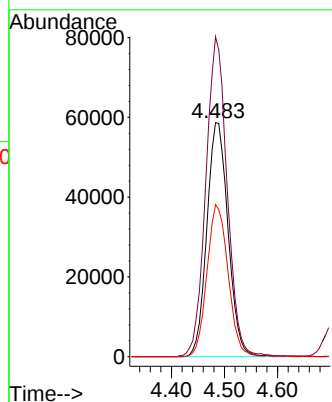
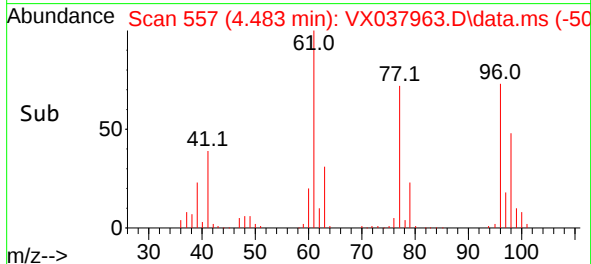
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 163278
 Ion Ratio Lower Upper
 96 100
 61 137.4 0.0 312.2
 98 64.8 0.0 129.0

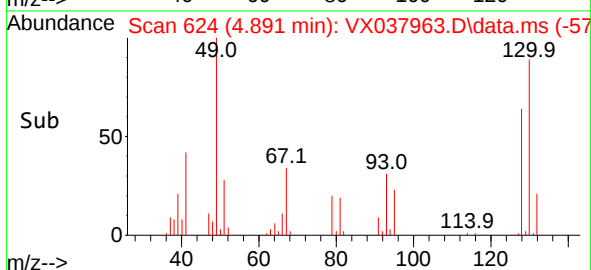
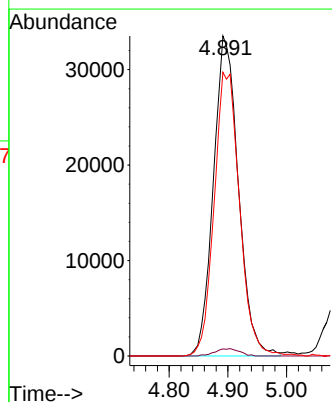
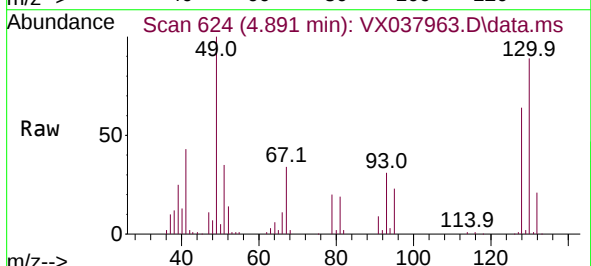
Manual Integrations
 APPROVED

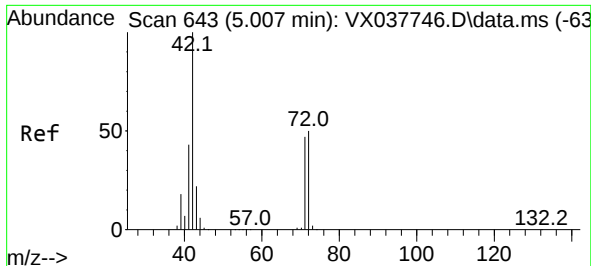
Reviewed By :John Carlone 09/30/2023
 Supervised By :Mahesh Dadoda 10/02/2023



#28
 Bromochloromethane
 Concen: 43.039 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.012 min
 Lab File: VX037963.D
 Acq: 29 Sep 2023 09:46

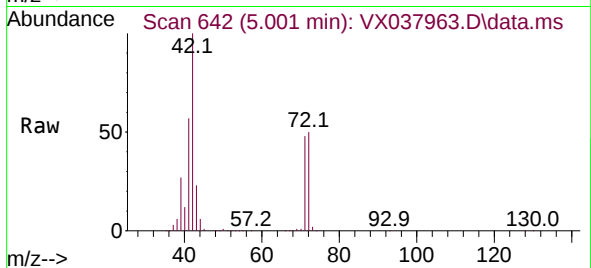
Tgt Ion: 49 Resp: 99153
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 90.1 57.5 86.3#





#29
Tetrahydrofuran
Concen: 225.632 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.012 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

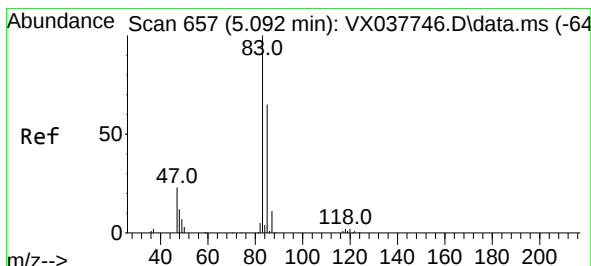
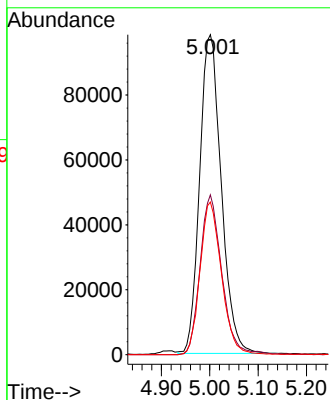
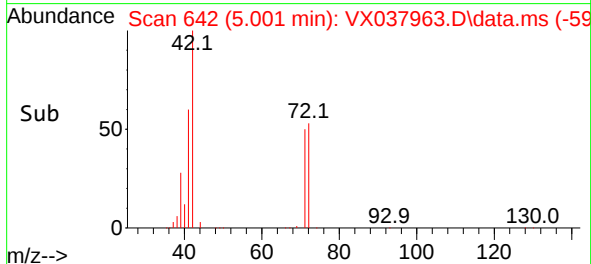
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



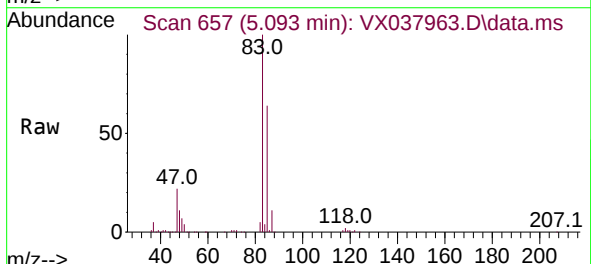
Tgt Ion: 42 Resp: 304780
Ion Ratio Lower Upper
42 100
72 50.3 34.2 51.4
71 47.7 32.2 48.2

Manual Integrations
APPROVED

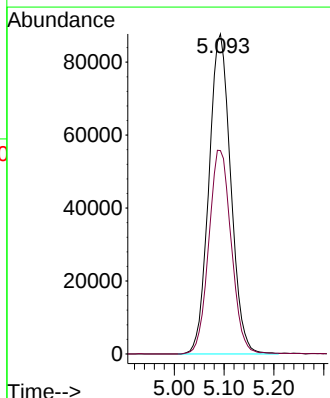
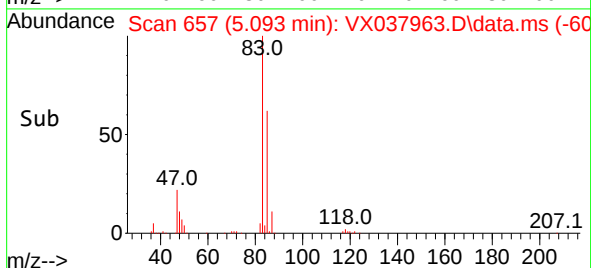
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

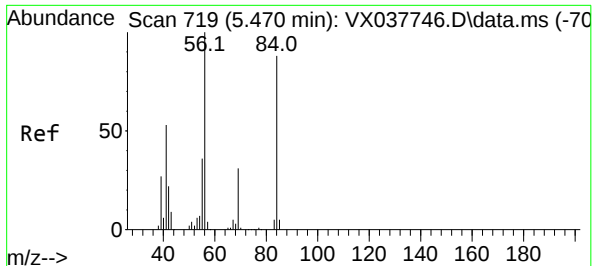


#30
Chloroform
Concen: 50.174 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46



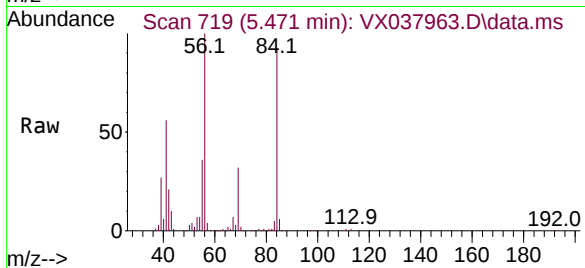
Tgt Ion: 83 Resp: 266914
Ion Ratio Lower Upper
83 100
85 63.5 50.3 75.5





#31
Cyclohexane
Concen: 50.476 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

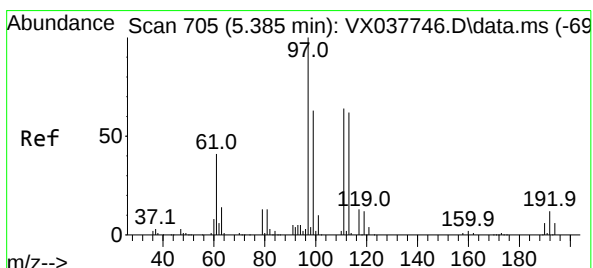
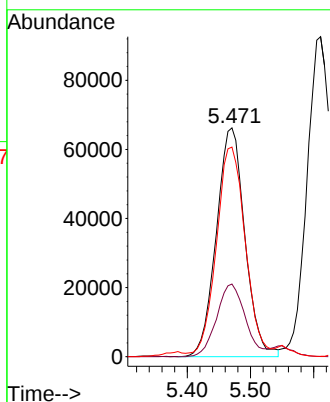
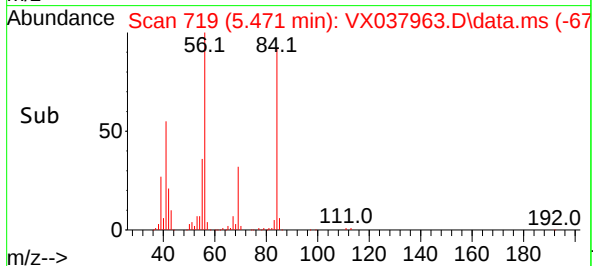
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



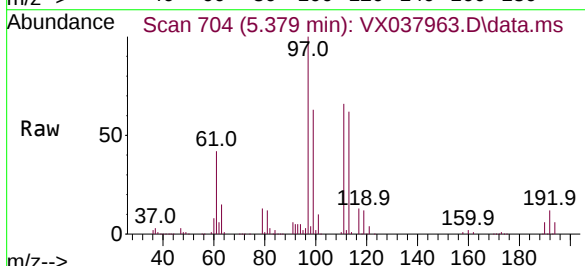
Tgt Ion: 56 Resp: 207249
Ion Ratio Lower Upper
56 100
69 31.7 23.4 35.2
84 89.4 65.9 98.9

Manual Integrations
APPROVED

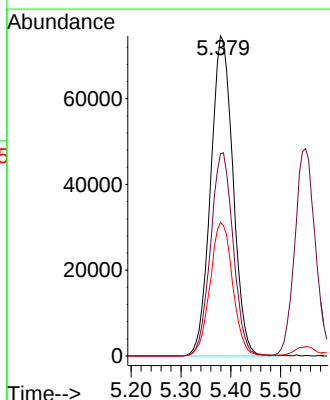
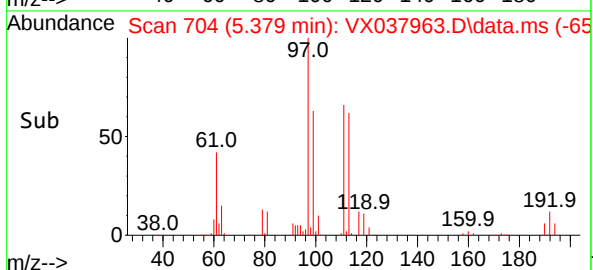
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

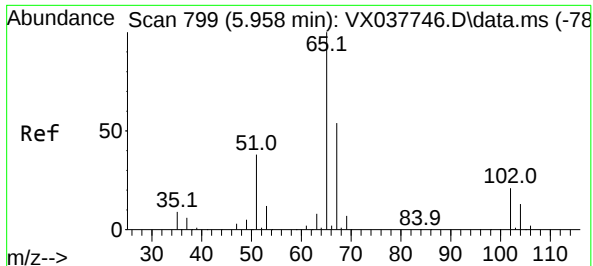


#32
1,1,1-Trichloroethane
Concen: 51.606 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46



Tgt Ion: 97 Resp: 232451
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 42.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.669 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 16209

Ion Ratio Lower Upper

65 100

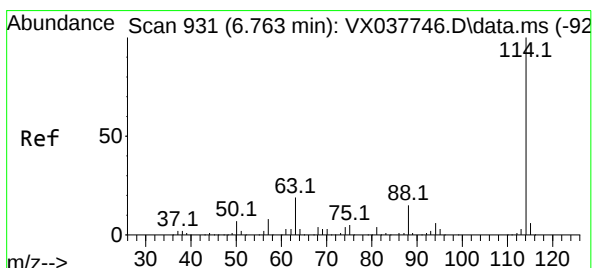
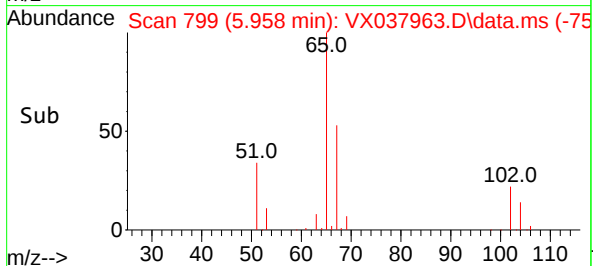
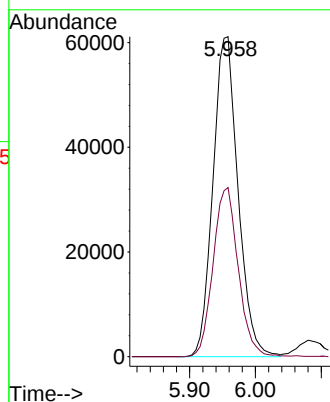
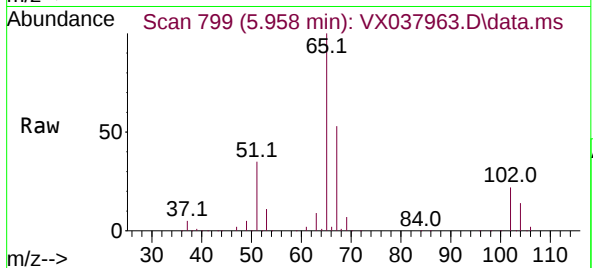
67 52.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

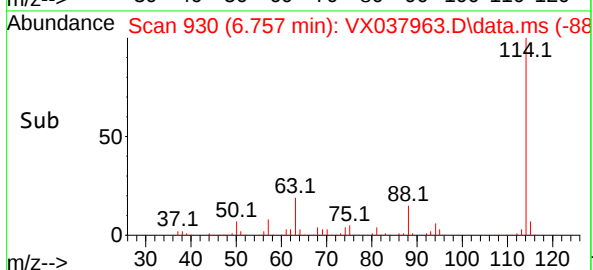
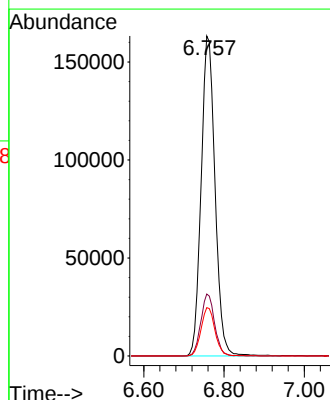
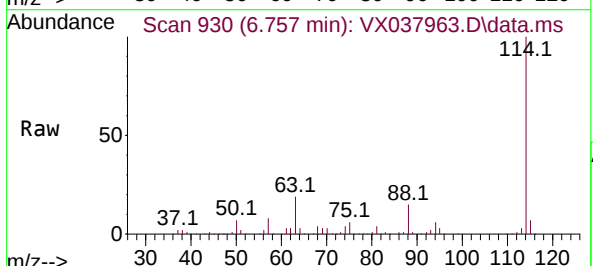
Tgt Ion:114 Resp: 391960

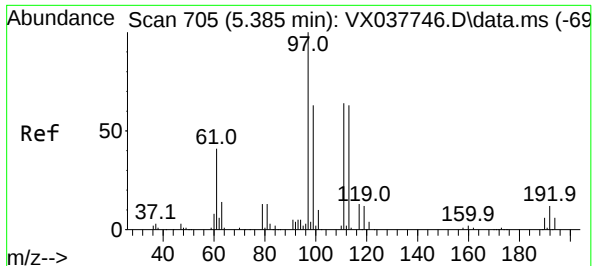
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 54.069 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037963.D

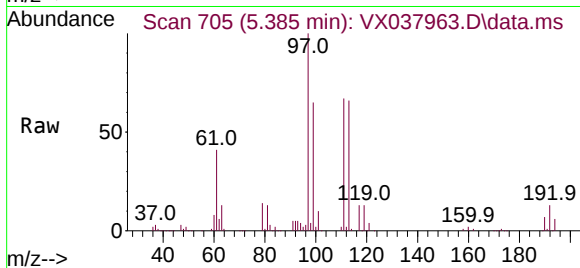
Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



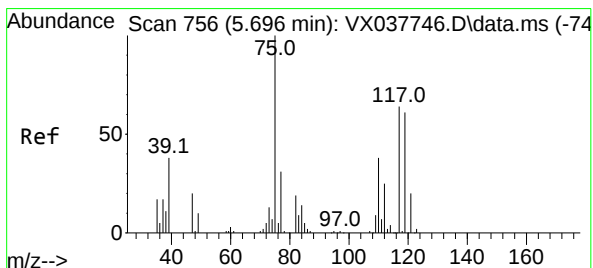
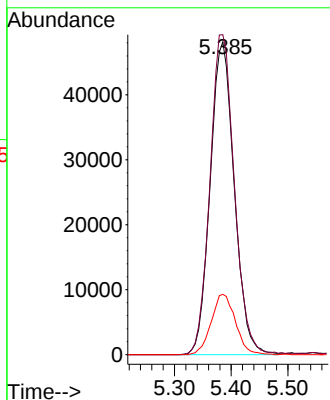
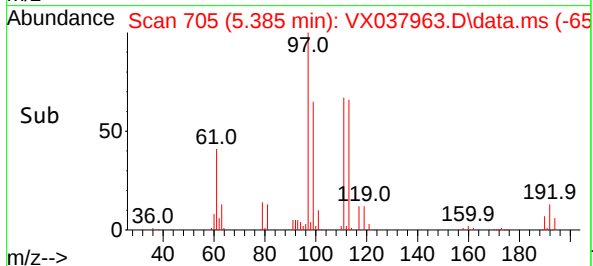
Tgt Ion:	113	Resp:	14180
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.9	124.3
192	19.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#36

1,1-Dichloropropene

Concen: 53.352 ug/l

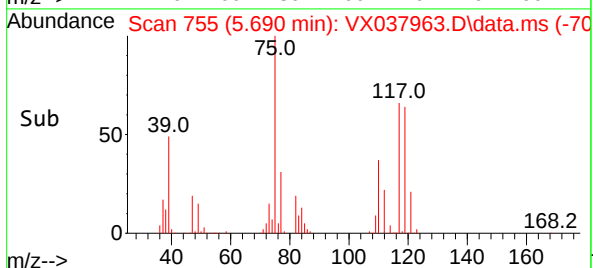
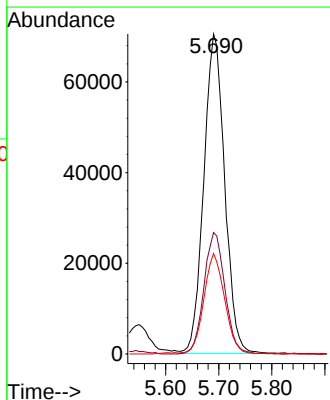
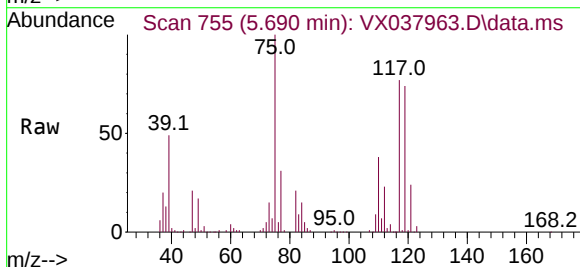
RT: 5.690 min Scan# 755

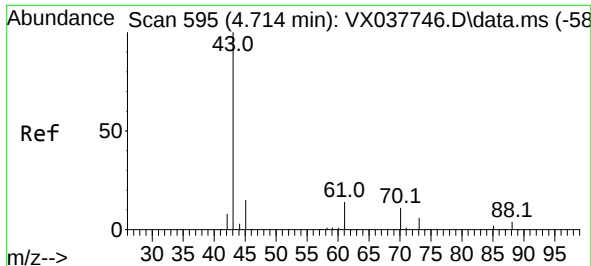
Delta R.T. -0.006 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Tgt Ion:	75	Resp:	192751
Ion Ratio	Lower	Upper	
75	100		
110	38.2	17.0	50.9
77	31.4	24.7	37.1





#37

Ethyl Acetate

Concen: 47.558 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.024 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 188889

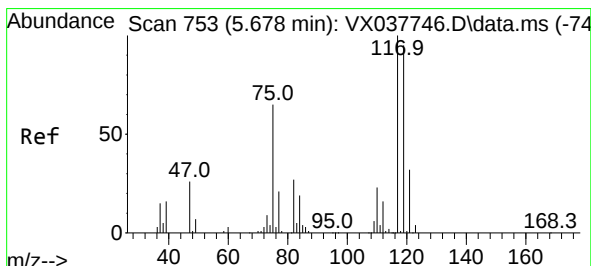
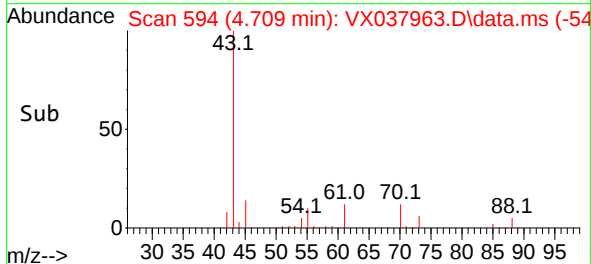
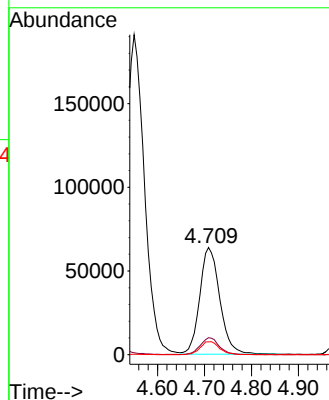
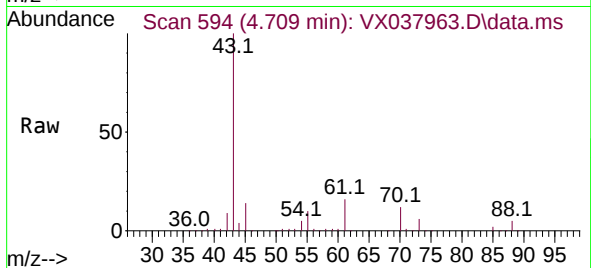
Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.6	16.0
70	11.8	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#38

Carbon Tetrachloride

Concen: 54.087 ug/l

RT: 5.678 min Scan# 753

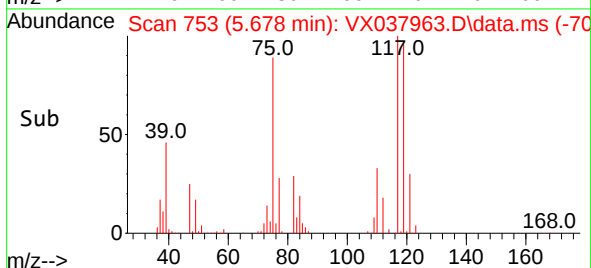
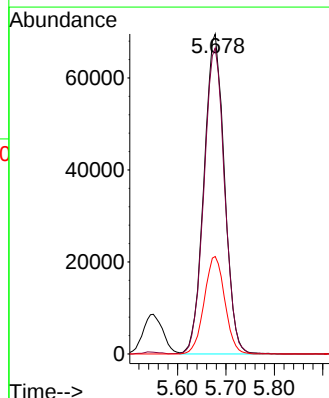
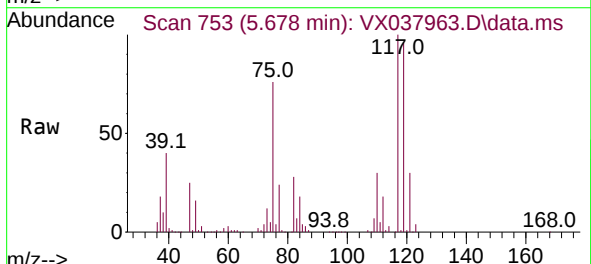
Delta R.T. -0.000 min

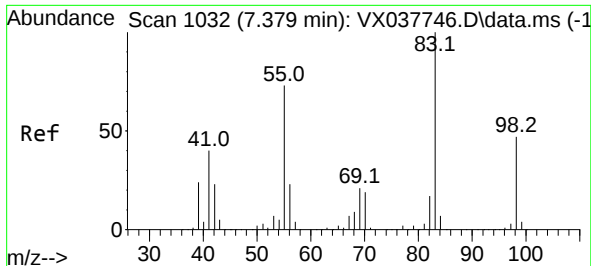
Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Tgt Ion:117 Resp: 204453

Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.2	117.2
121	30.4	24.4	36.6





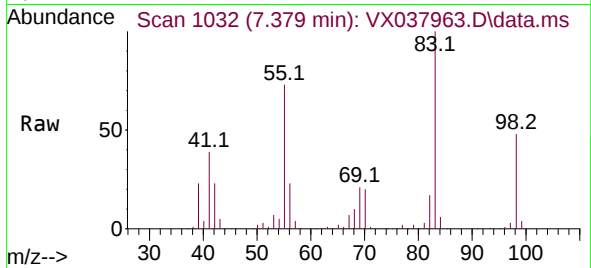
#39
Methylcyclohexane
Concen: 53.737 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



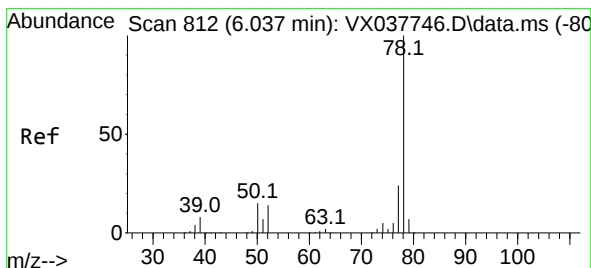
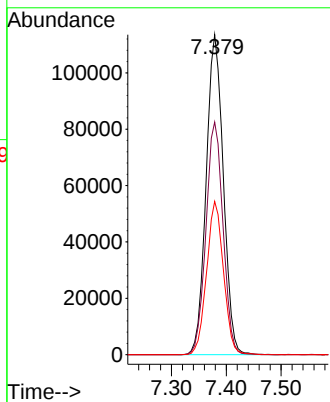
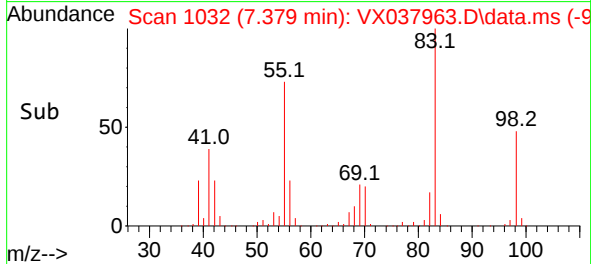
Tgt Ion: 83 Resp: 246400
Ion Ratio Lower Upper
83 100
55 72.7 64.6 97.0
98 47.9 36.7 55.1

Manual Integrations

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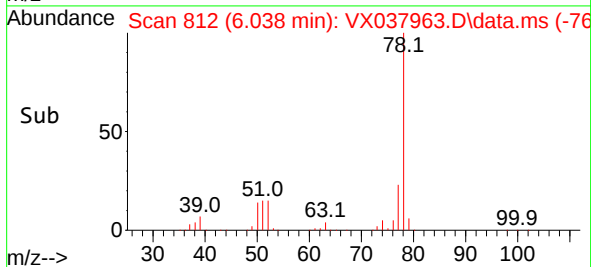
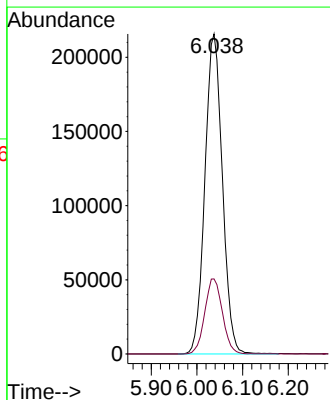
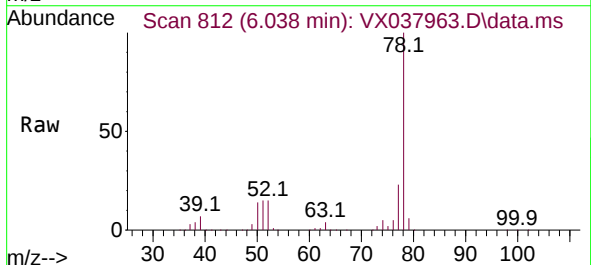
Reviewed By :John Carlone 09/30/2023

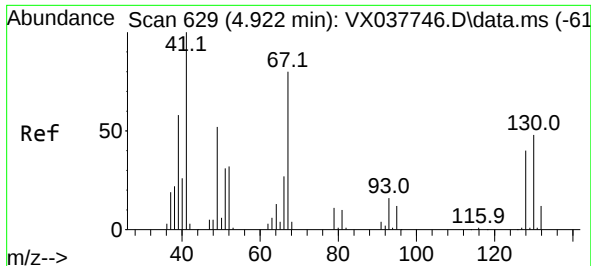
Supervised By :Mahesh Dadoda 10/02/2023



#40
Benzene
Concen: 51.540 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

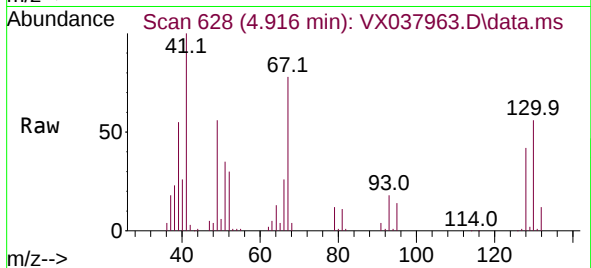
Tgt Ion: 78 Resp: 572606
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 47.991 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.031 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

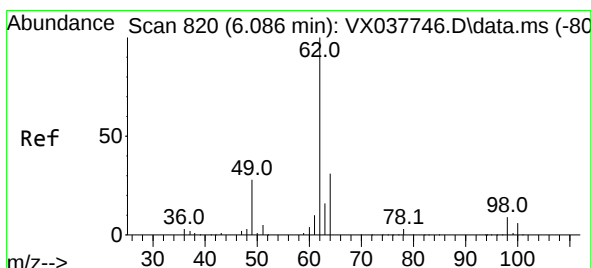
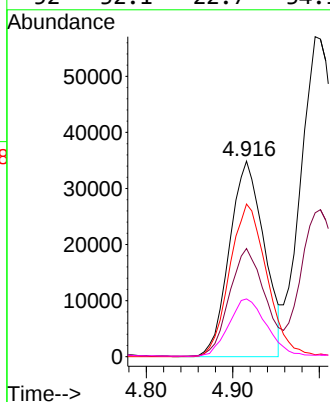
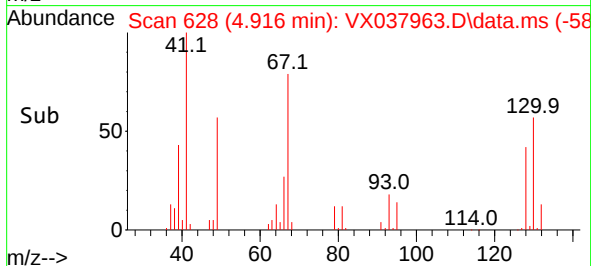
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 97190
Ion Ratio Lower Upper
41 100
39 57.1 45.2 67.8
67 84.5 52.6 78.8
52 32.1 22.7 34.1

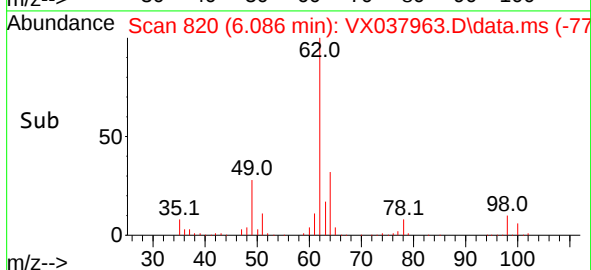
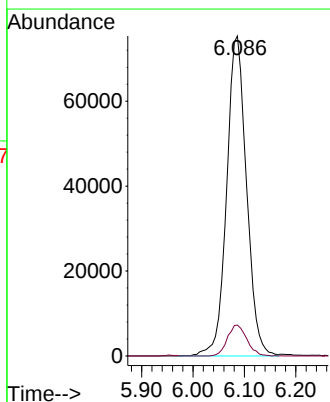
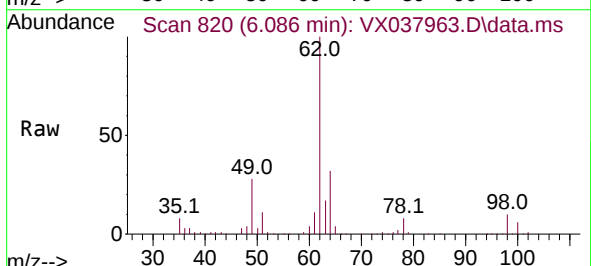
Manual Integrations
APPROVED

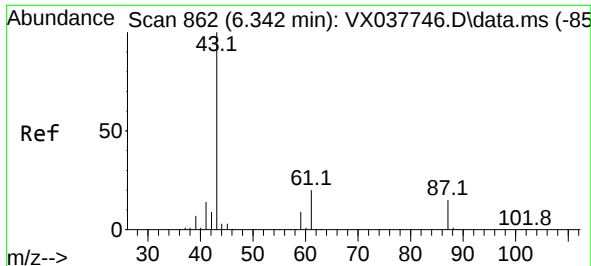
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#42
1,2-Dichloroethane
Concen: 50.409 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

Tgt Ion: 62 Resp: 202416
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 48.306 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX037963.D

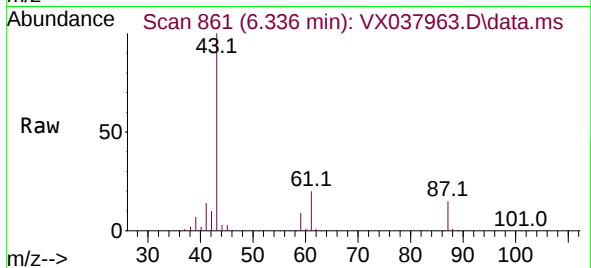
Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



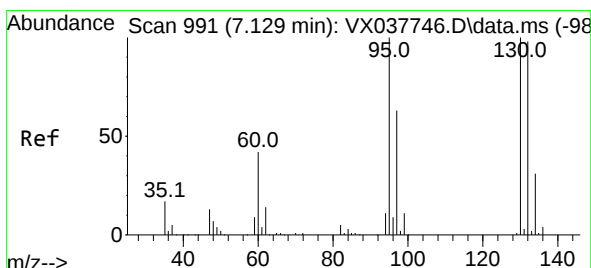
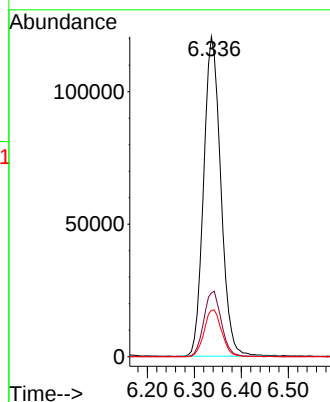
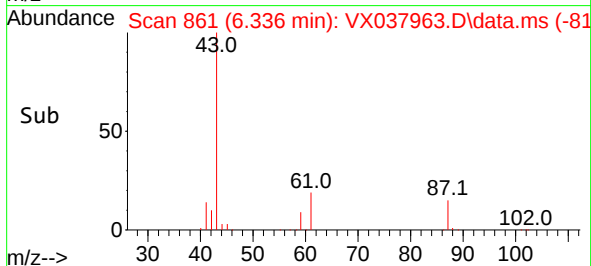
Tgt Ion: 43	Resp: 30678
Ion Ratio	Lower Upper
43	100
61	20.9 15.2 22.8
87	15.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#44

Trichloroethene

Concen: 51.620 ug/l

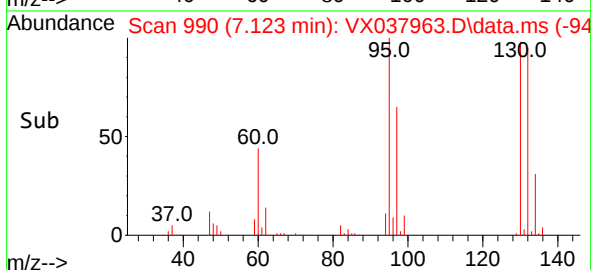
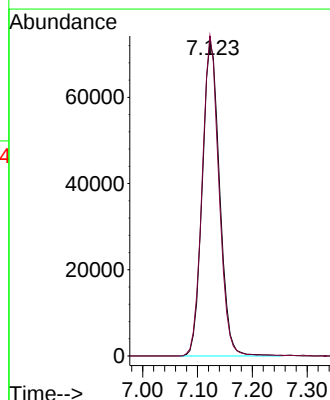
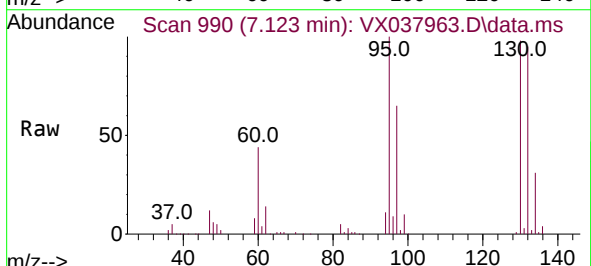
RT: 7.123 min Scan# 990

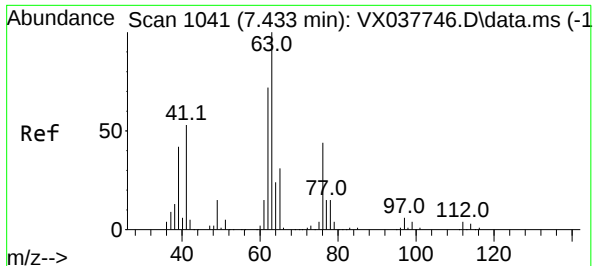
Delta R.T. -0.012 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Tgt Ion:130	Resp: 159708
Ion Ratio	Lower Upper
130	100
95	101.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.270 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 14792

Ion Ratio Lower Upper

63 100

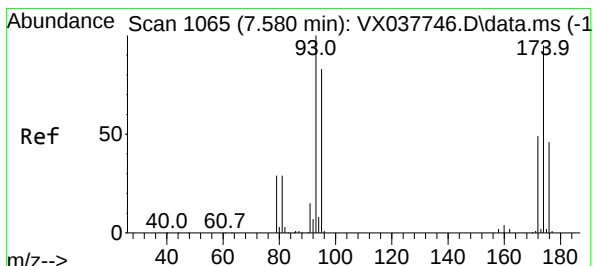
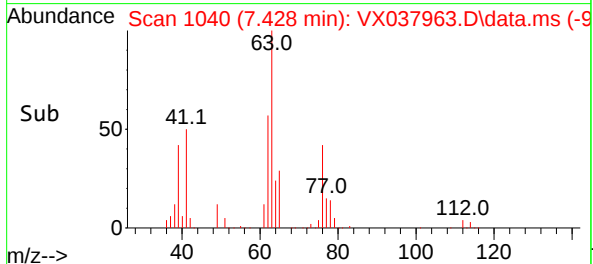
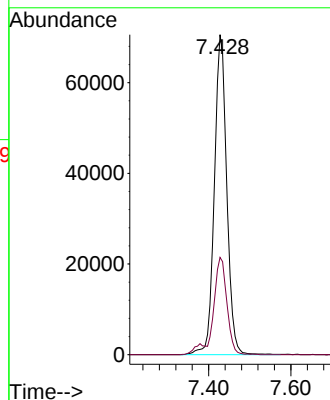
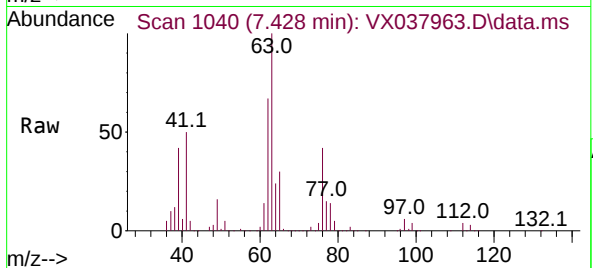
65 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#46

Dibromomethane

Concen: 52.877 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

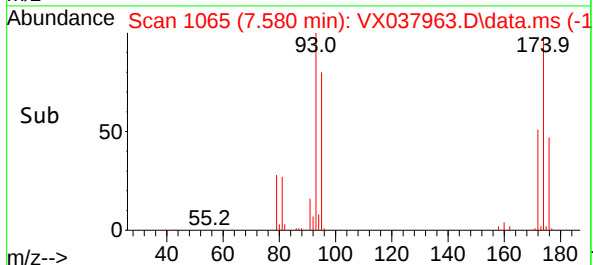
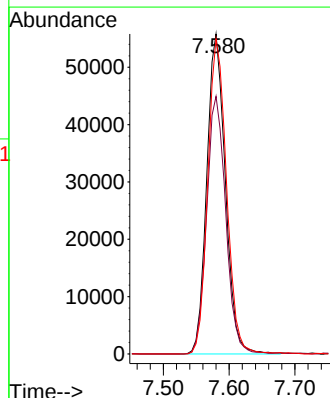
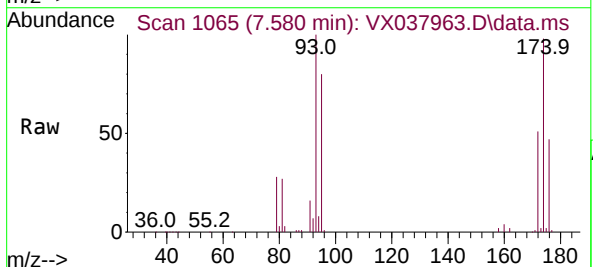
Tgt Ion: 93 Resp: 109741

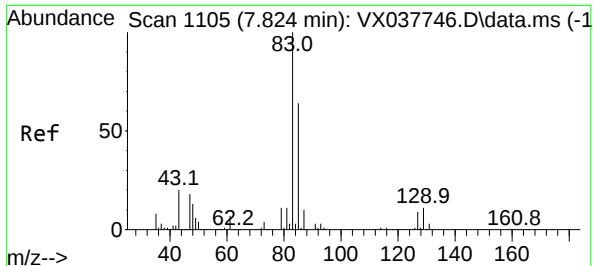
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

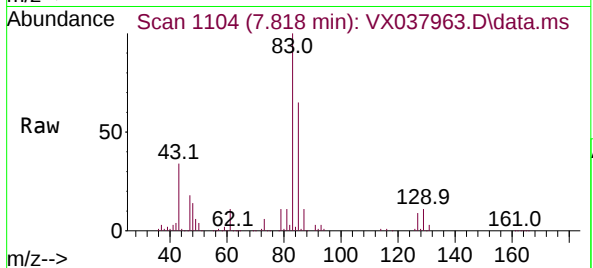
174 99.6 69.4 104.0





#47
Bromodichloromethane
Concen: 53.386 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

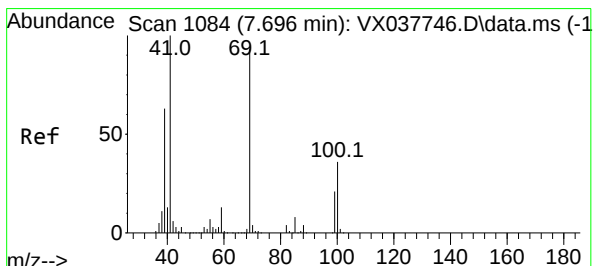
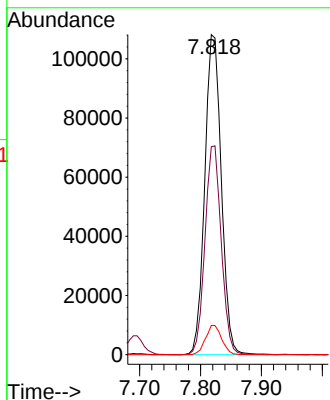
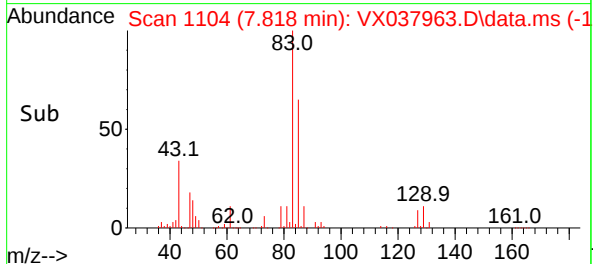
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 204059
Ion Ratio Lower Upper
83 100
85 65.0 49.8 74.6
127 9.1 7.1 10.7

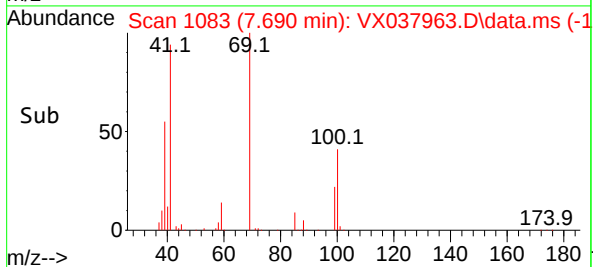
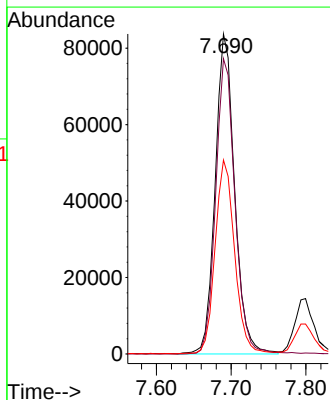
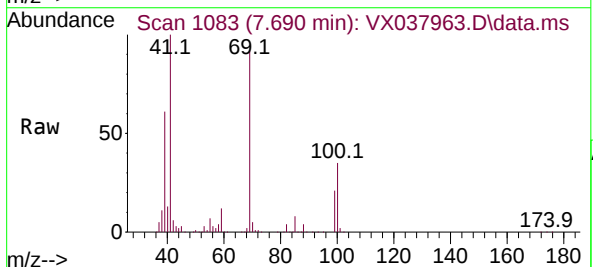
Manual Integrations
APPROVED

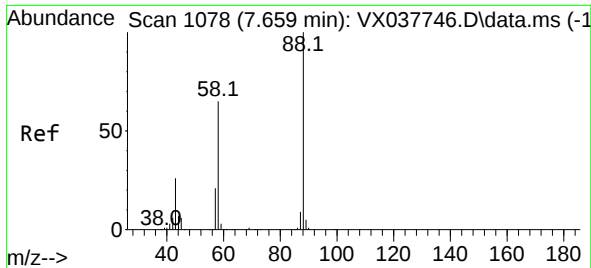
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#48
Methyl methacrylate
Concen: 49.956 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.012 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

Tgt Ion: 41 Resp: 151664
Ion Ratio Lower Upper
41 100
69 91.7 59.2 88.8
39 60.7 47.7 71.5





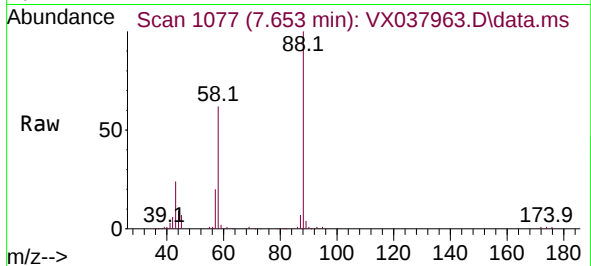
#49
1,4-Dioxane
Concen: 895.851 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.018 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



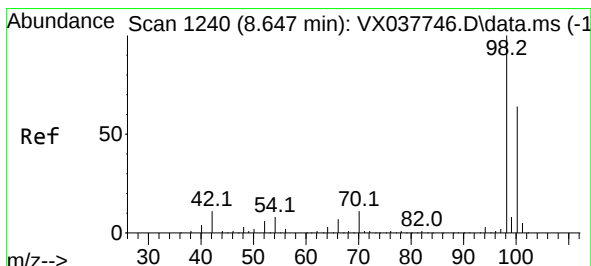
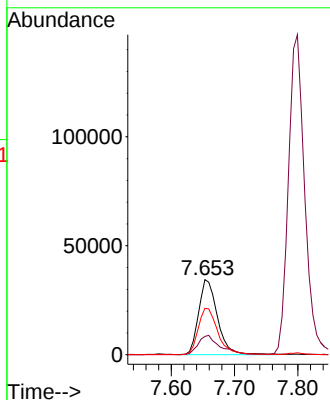
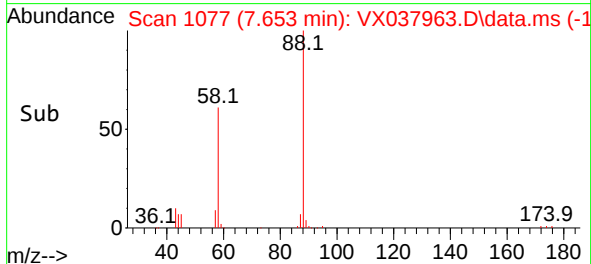
Tgt Ion: 88 Resp: 7130
Ion Ratio Lower Upper
88 100
43 29.4 0.0 0.0
58 64.8 60.1 90.1

Manual Integrations

APPROVED

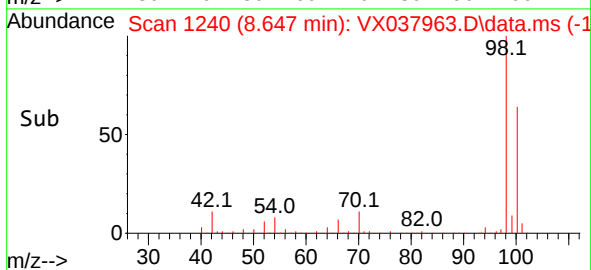
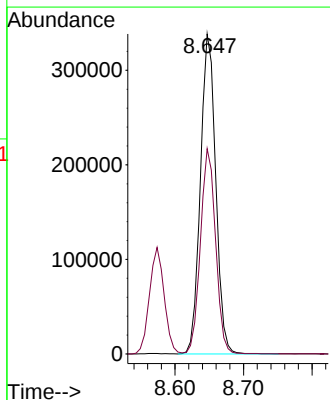
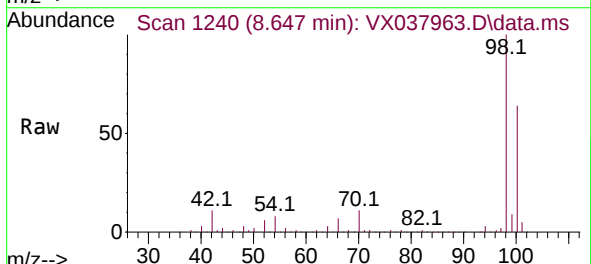
Reviewed By :John Carlone 09/30/2023

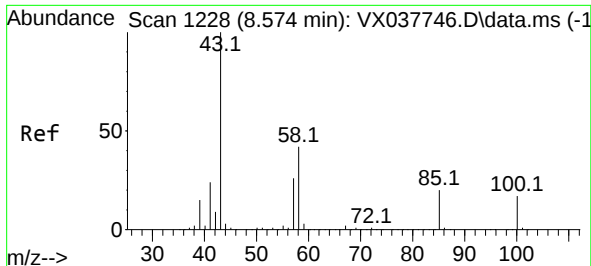
Supervised By :Mahesh Dadoda 10/02/2023



#50
Toluene-d8
Concen: 54.014 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

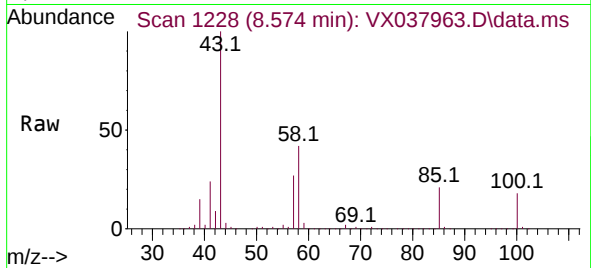
Tgt Ion: 98 Resp: 526347
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 241.867 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

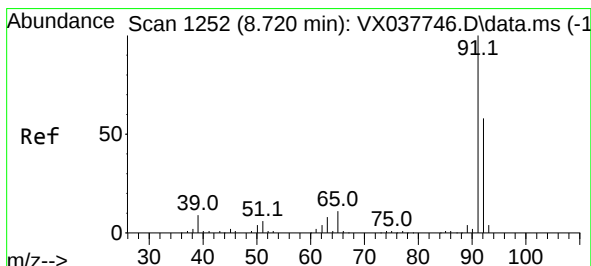
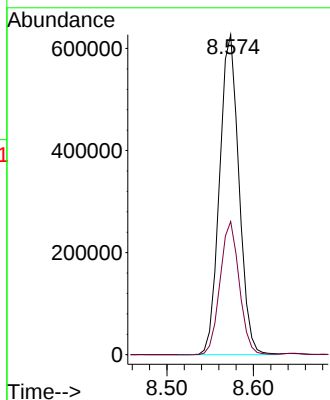
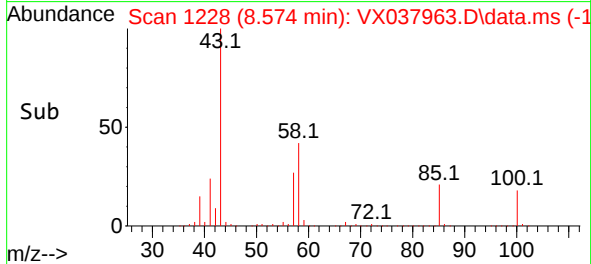
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



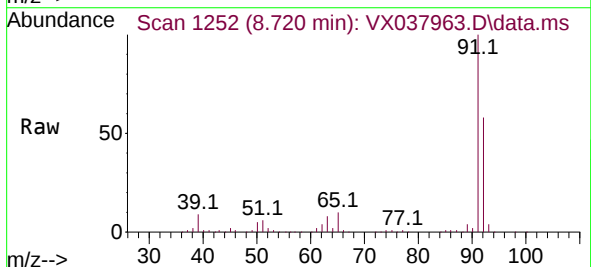
Tgt Ion: 43 Resp: 974570
Ion Ratio Lower Upper
43 100
58 41.1 30.4 45.6

Manual Integrations
APPROVED

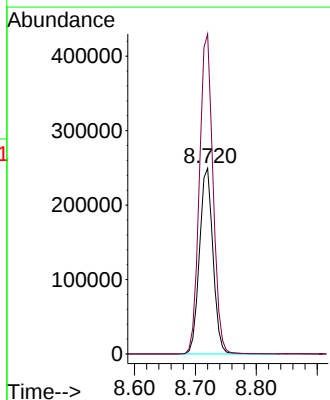
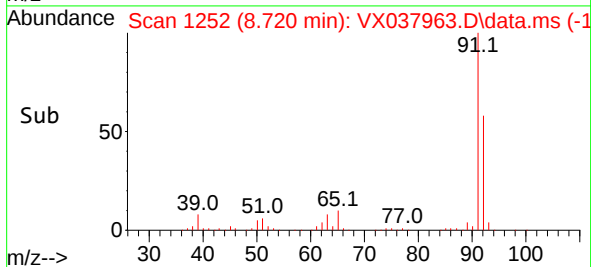
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

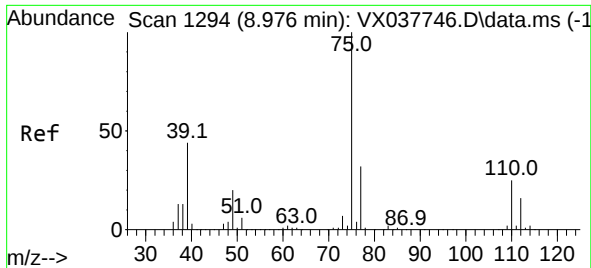


#52
Toluene
Concen: 53.708 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46



Tgt Ion: 92 Resp: 384553
Ion Ratio Lower Upper
92 100
91 173.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 56.235 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 224752

Ion Ratio Lower Upper

75 100

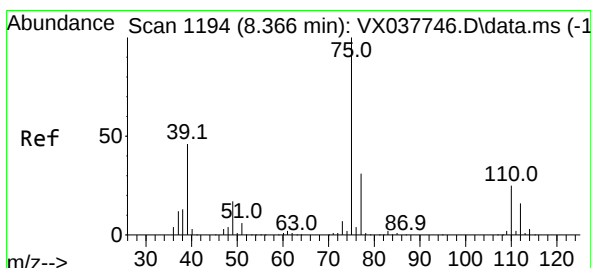
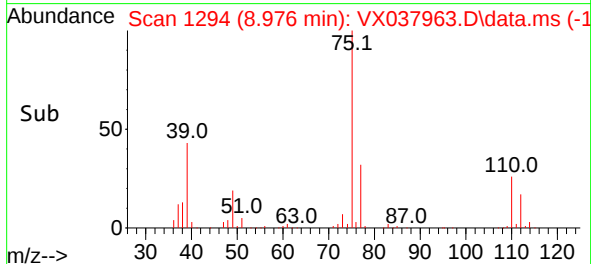
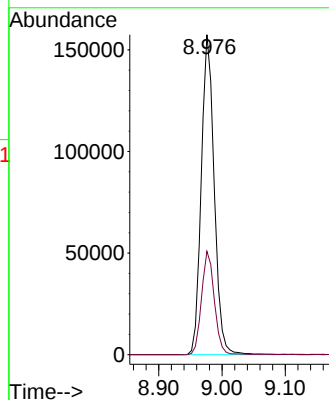
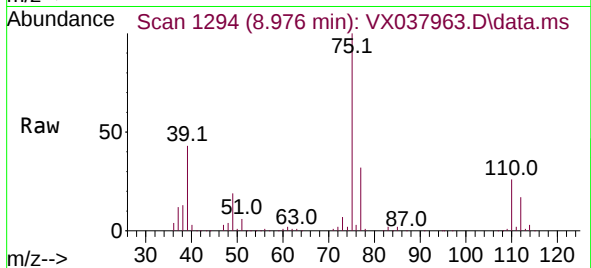
77 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#54

cis-1,3-Dichloropropene

Concen: 54.634 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

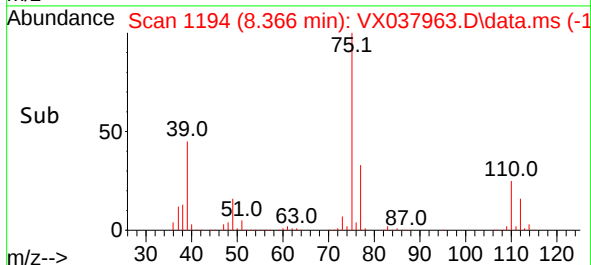
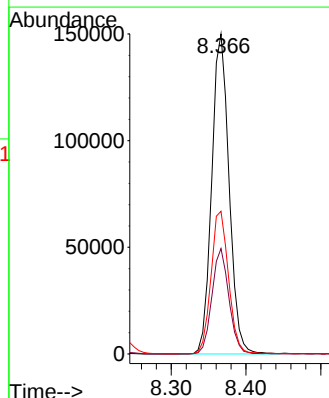
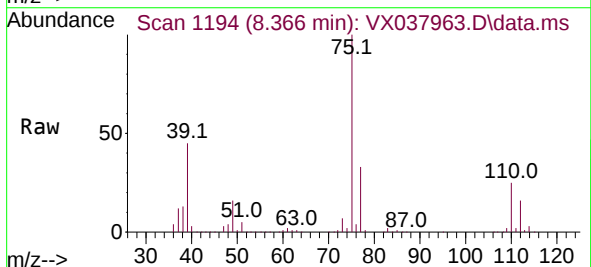
Tgt Ion: 75 Resp: 241658

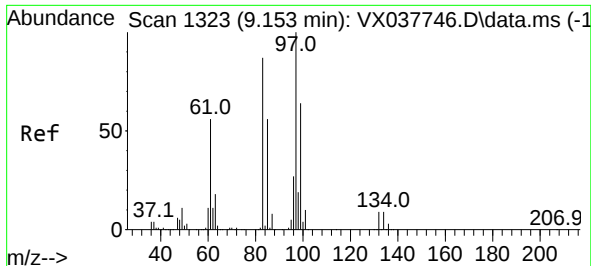
Ion Ratio Lower Upper

75 100

77 33.0 25.3 37.9

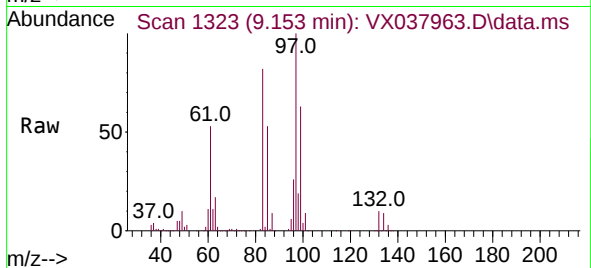
39 44.5 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 52.955 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

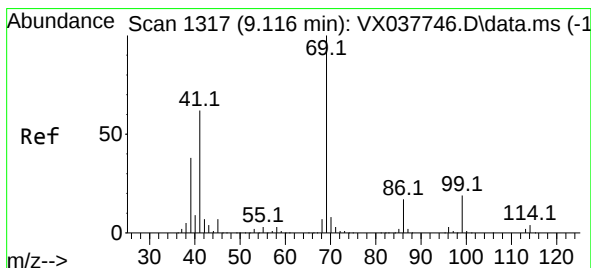
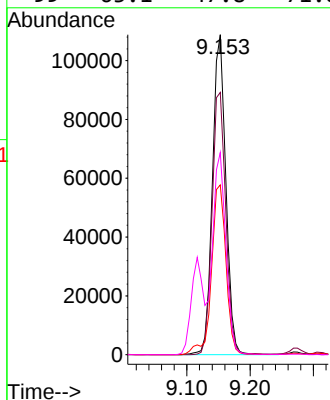
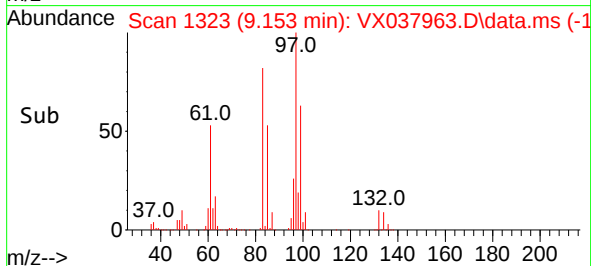
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



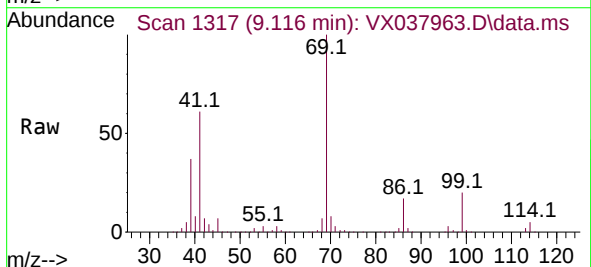
Tgt Ion: 97 Resp: 159850
Ion Ratio Lower Upper
97 100
83 82.0 65.8 98.8
85 53.0 41.6 62.4
99 63.1 47.8 71.8

Manual Integrations
APPROVED

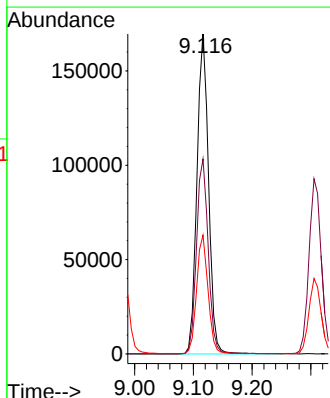
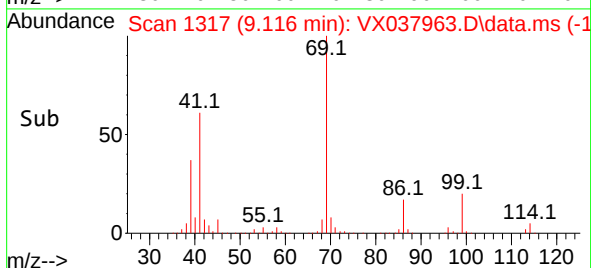
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

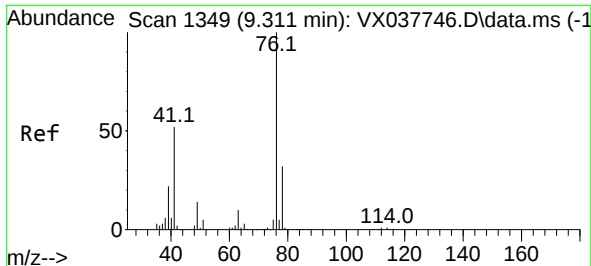


#56
Ethyl methacrylate
Concen: 51.668 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46



Tgt Ion: 69 Resp: 232850
Ion Ratio Lower Upper
69 100
41 61.4 56.8 85.2
39 36.6 32.0 48.0





#57

1,3-Dichloropropane

Concen: 51.751 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 252804

Ion Ratio Lower Upper

76 100

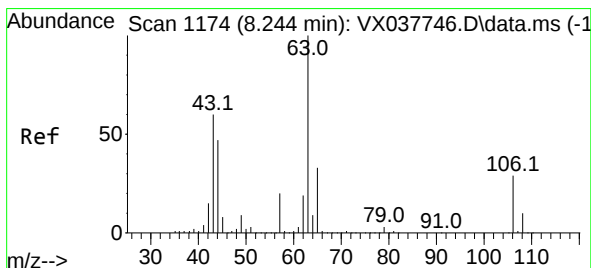
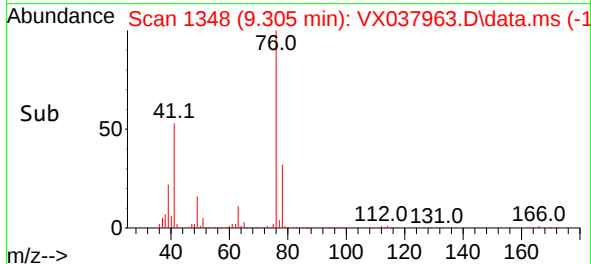
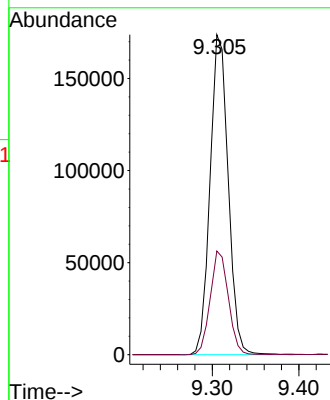
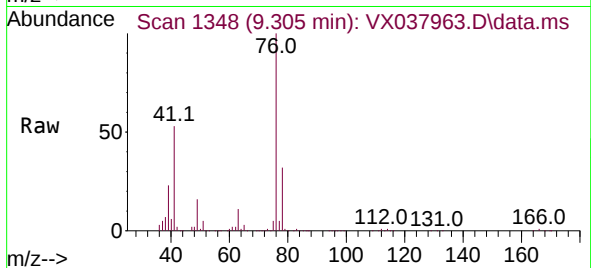
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#58

2-Chloroethyl Vinyl ether

Concen: 211.045 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037963.D

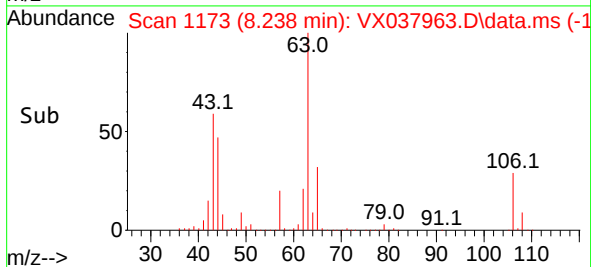
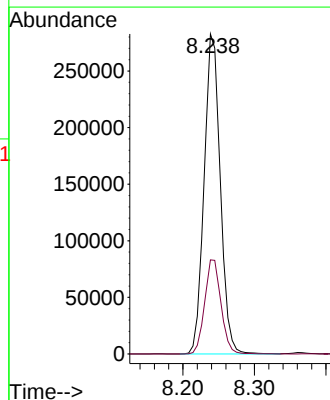
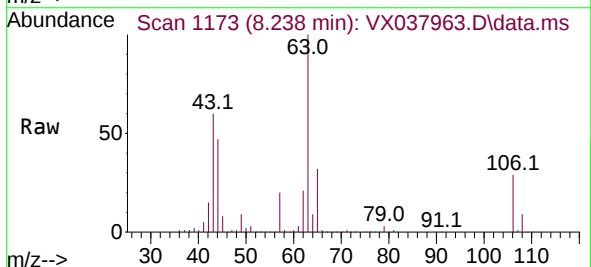
Acq: 29 Sep 2023 09:46

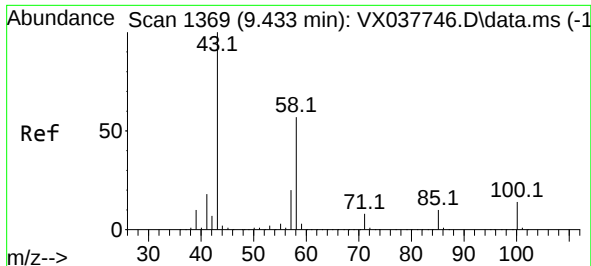
Tgt Ion: 63 Resp: 444120

Ion Ratio Lower Upper

63 100

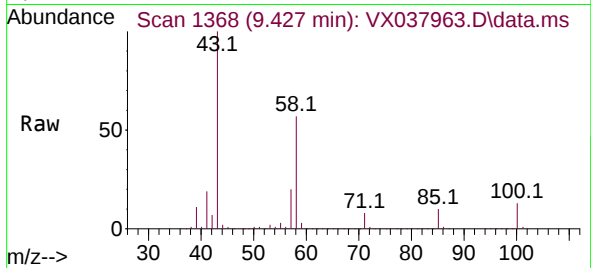
106 29.7 22.5 33.7





#59
2-Hexanone
Concen: 252.550 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

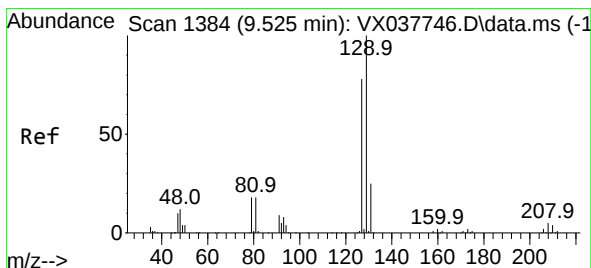
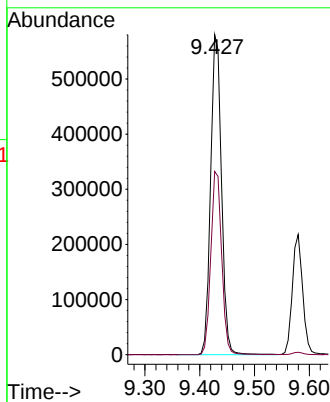
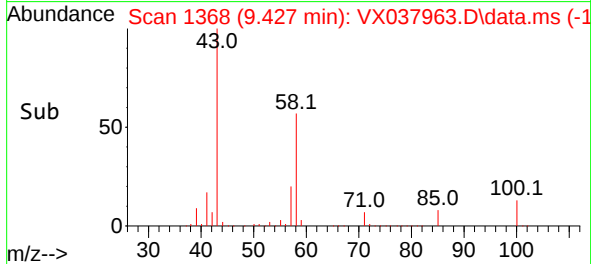
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 792318
Ion Ratio Lower Upper
43 100
58 57.5 26.2 78.5

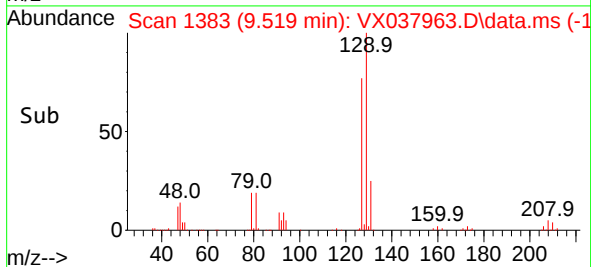
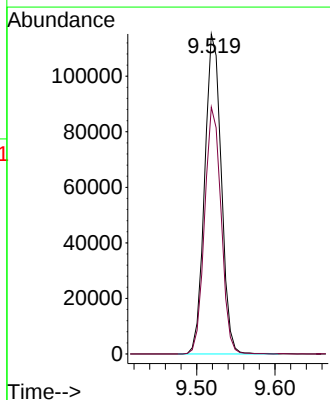
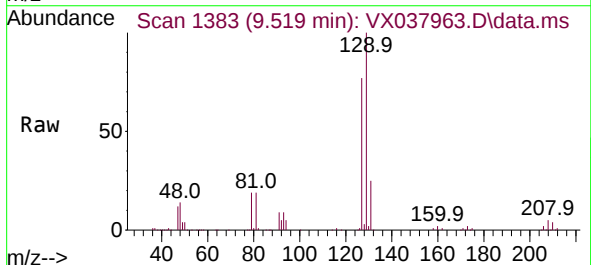
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#60
Dibromochloromethane
Concen: 56.163 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

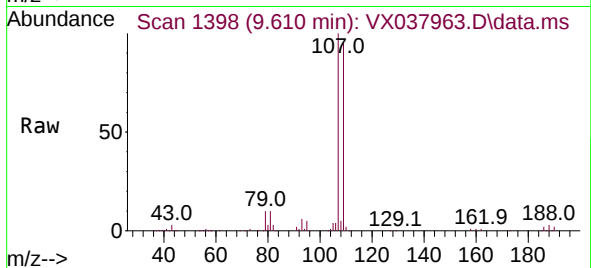
Tgt Ion:129 Resp: 168898
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.711 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

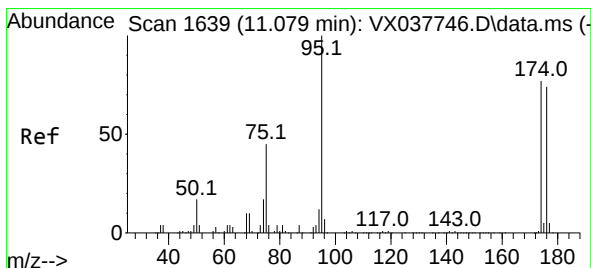
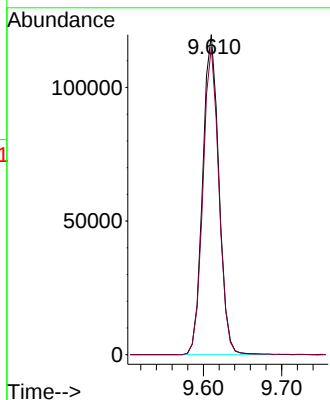
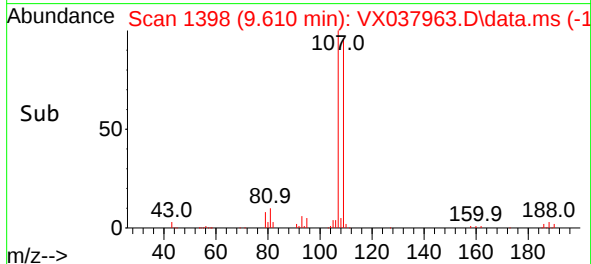
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



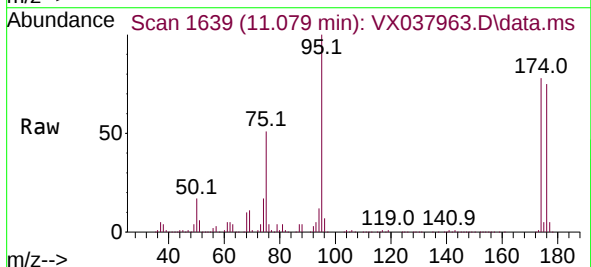
Tgt Ion:107 Resp: 17167
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8

Manual Integrations
APPROVED

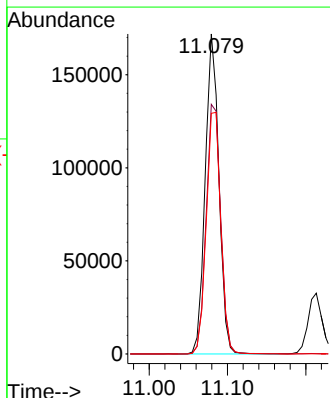
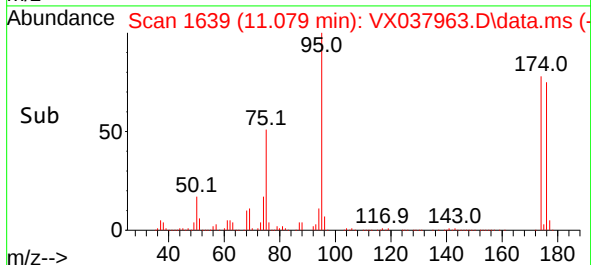
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

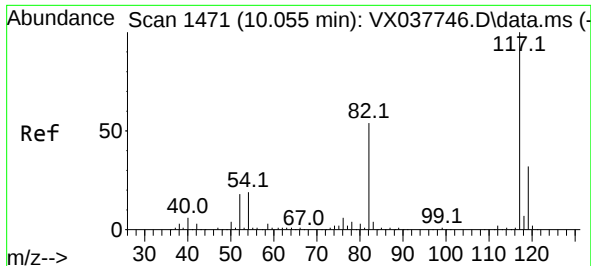


#62
4-Bromofluorobenzene
Concen: 58.725 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46



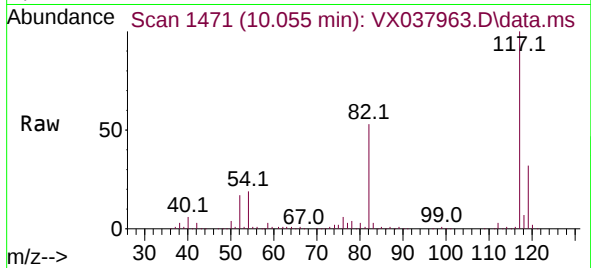
Tgt Ion: 95 Resp: 207947
Ion Ratio Lower Upper
95 100
174 83.0 0.0 135.6
176 80.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

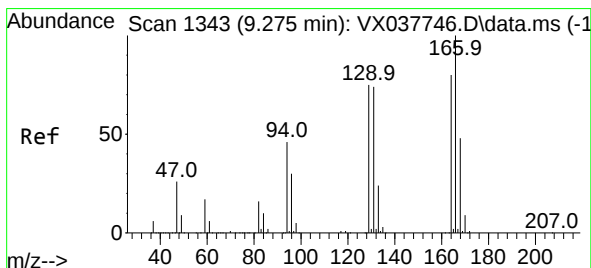
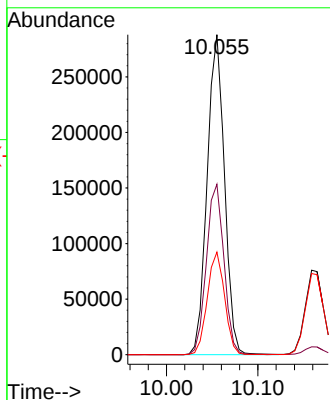
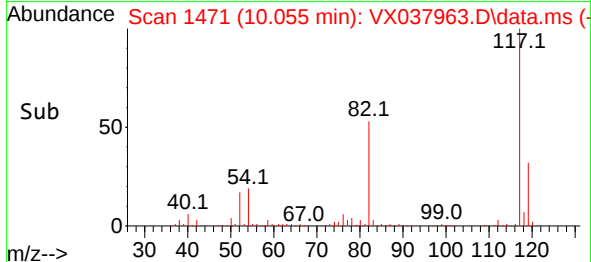
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 378069
Ion Ratio Lower Upper
117 100
82 53.3 46.2 69.4
119 32.0 25.5 38.3

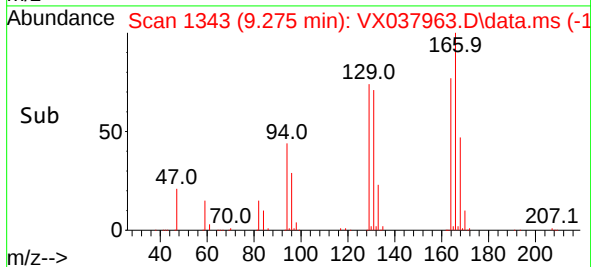
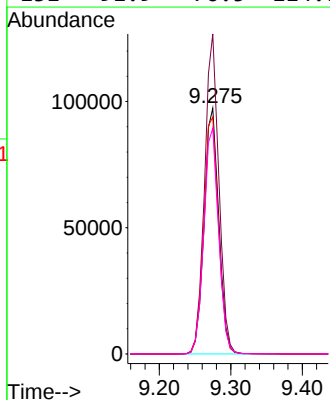
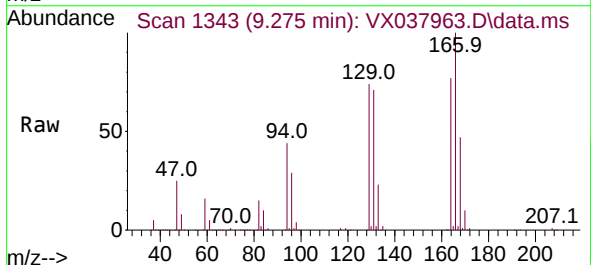
Manual Integrations
APPROVED

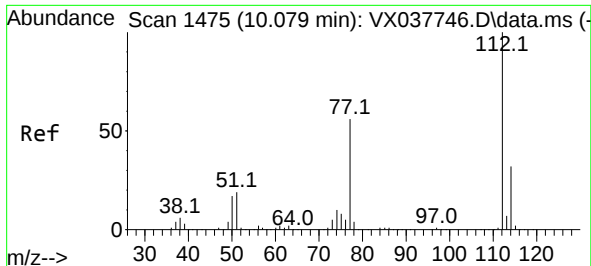
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#64
Tetrachloroethene
Concen: 53.693 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

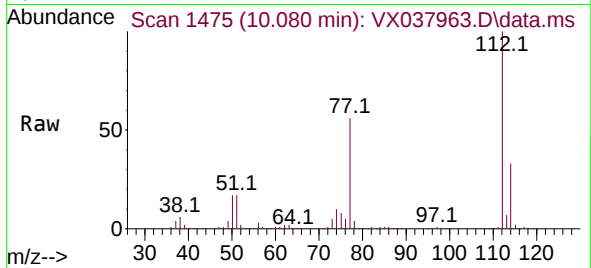
Tgt Ion:164 Resp: 138441
Ion Ratio Lower Upper
164 100
166 130.2 102.7 154.1
129 96.4 80.4 120.6
131 91.9 76.5 114.7





#65
Chlorobenzene
Concen: 52.311 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

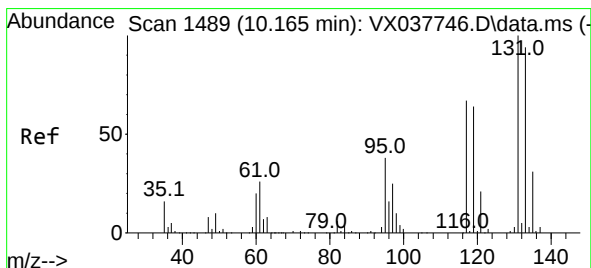
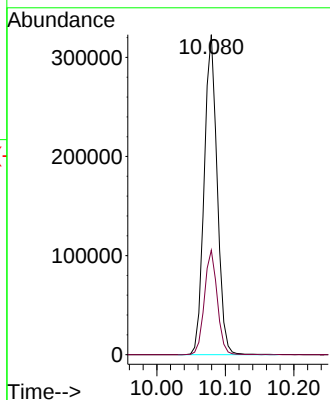
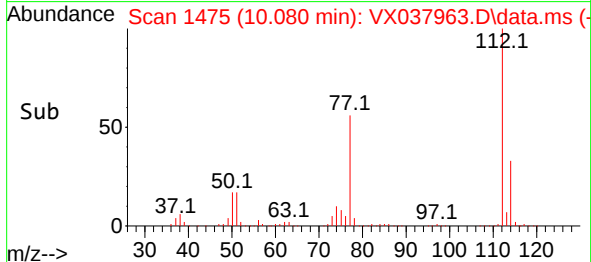
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 426598
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

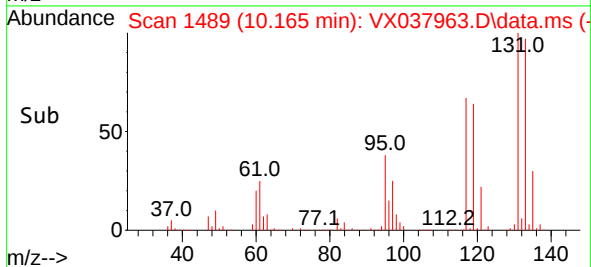
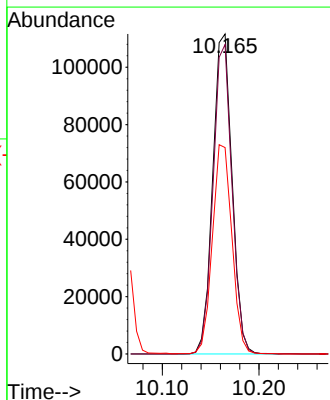
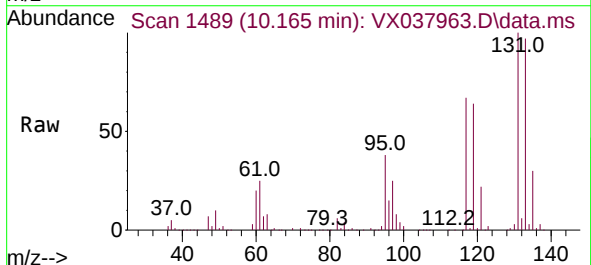
Manual Integrations
APPROVED

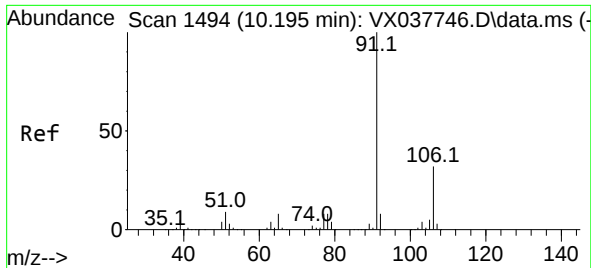
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.513 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

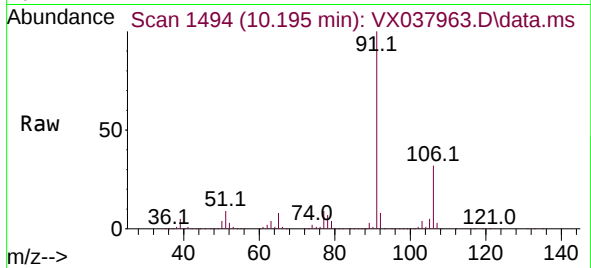
Tgt Ion:131 Resp: 154651
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 66.3 32.2 96.6





#67
Ethyl Benzene
Concen: 53.604 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

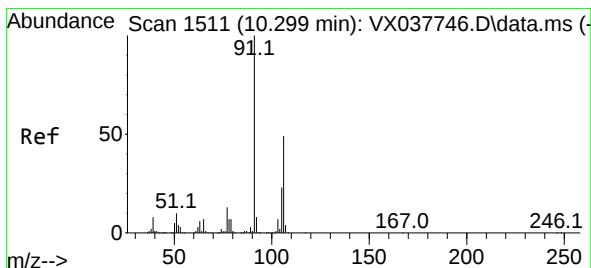
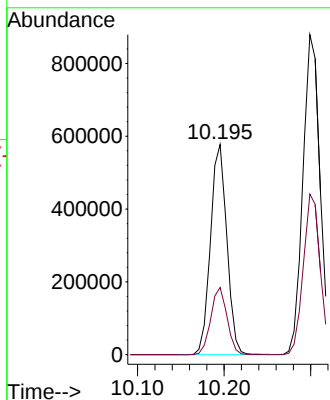
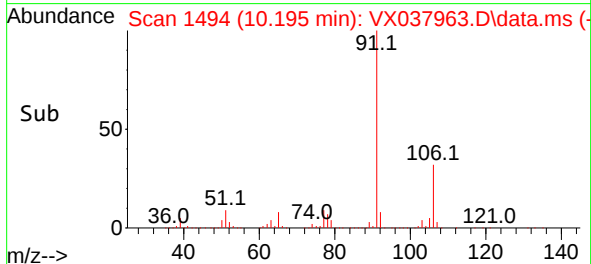
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



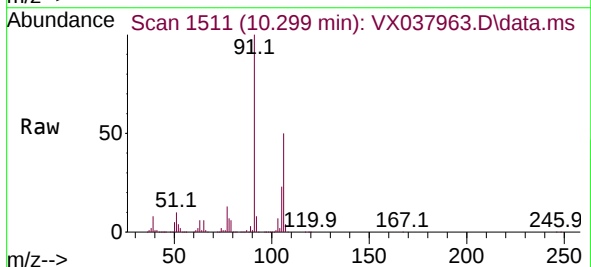
Tgt Ion: 91 Resp: 75789
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

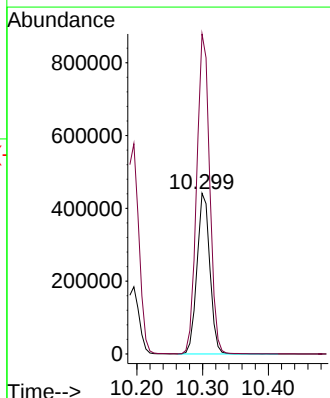
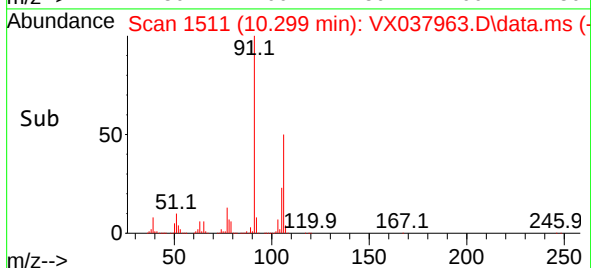
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

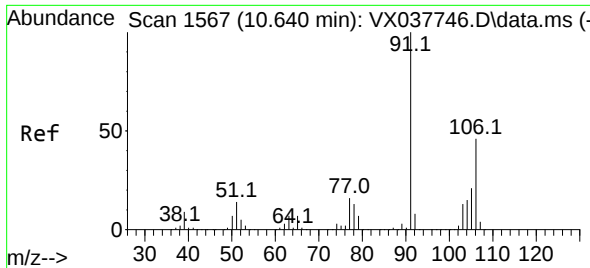


#68
m/p-Xylenes
Concen: 109.599 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46



Tgt Ion:106 Resp: 598782
Ion Ratio Lower Upper
106 100
91 201.2 165.5 248.3





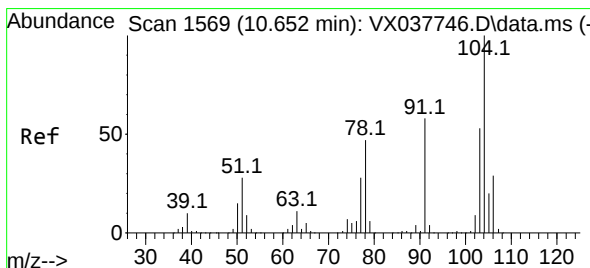
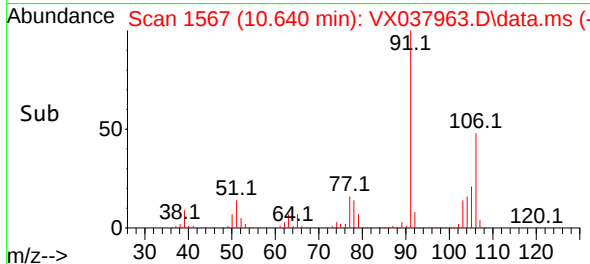
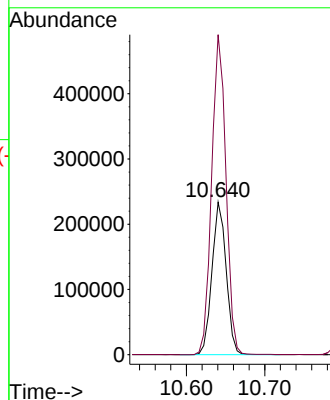
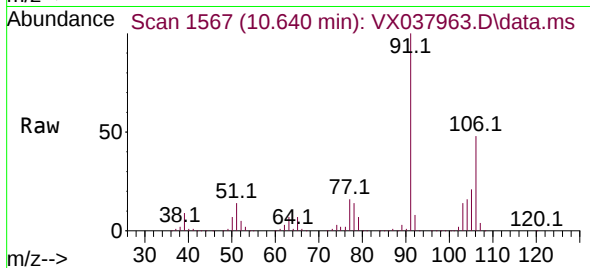
#69
o-Xylene
Concen: 53.609 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 293702
Ion Ratio Lower Upper
106 100
91 211.0 108.9 326.8

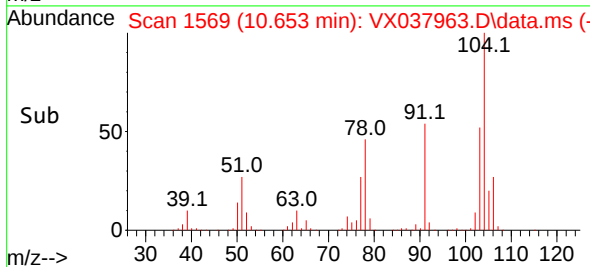
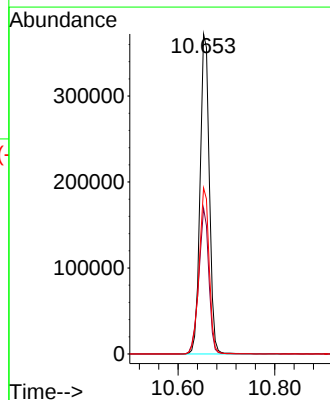
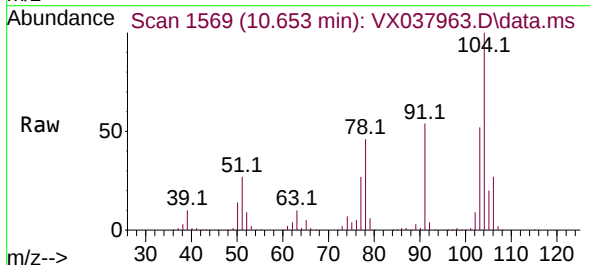
Manual Integrations
APPROVED

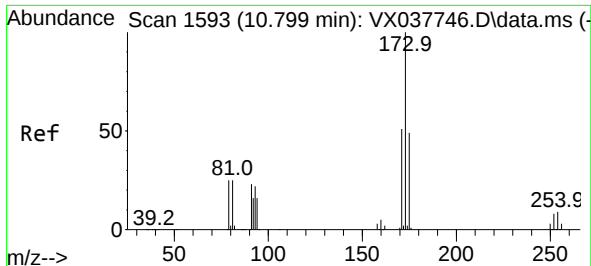
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#70
Styrene
Concen: 56.037 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

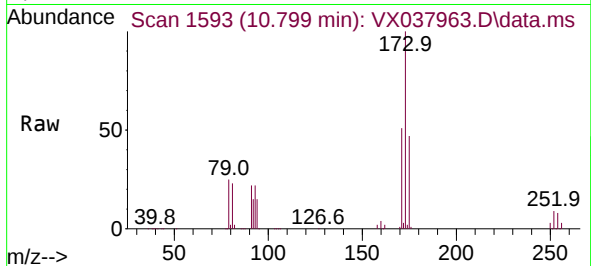
Tgt Ion:104 Resp: 492865
Ion Ratio Lower Upper
104 100
78 49.2 43.6 65.4
103 56.1 43.6 65.4





#71
Bromoform
Concen: 56.834 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

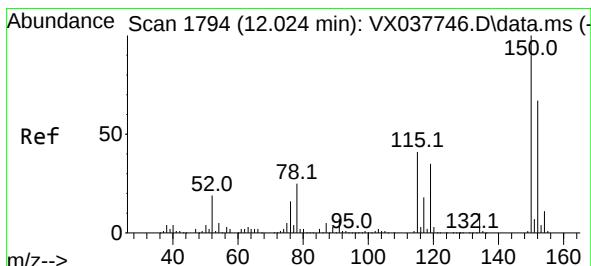
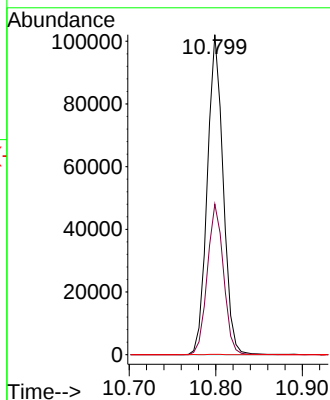
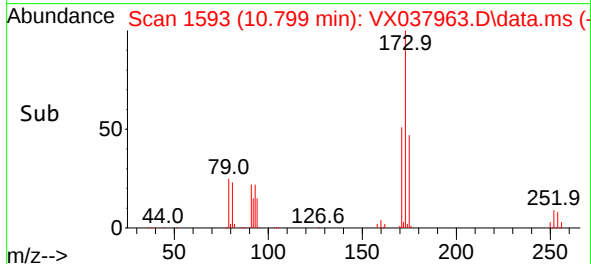
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 129752
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.4
254 0.1 0.0 0.0

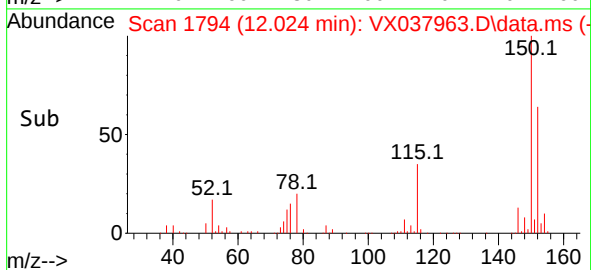
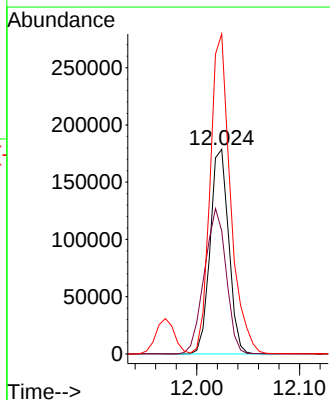
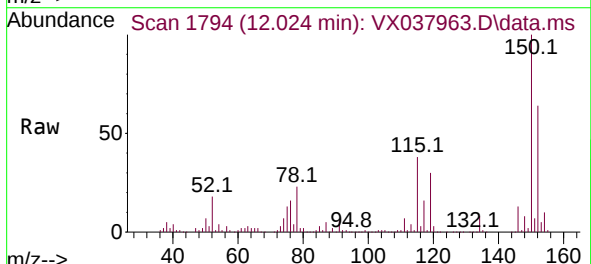
Manual Integrations
APPROVED

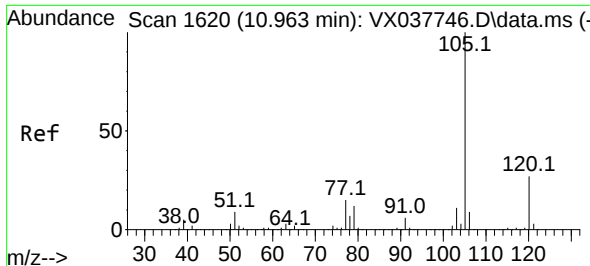
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

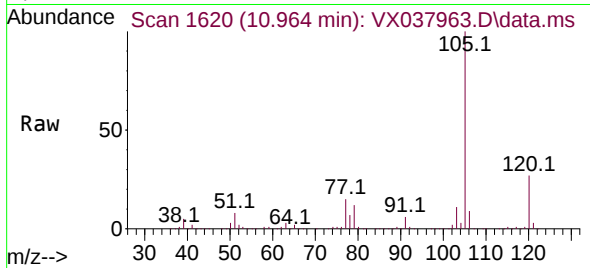
Tgt Ion:152 Resp: 223339
Ion Ratio Lower Upper
152 100
115 83.9 43.3 129.9
150 171.0 0.0 345.0





#73
Isopropylbenzene
Concen: 47.061 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

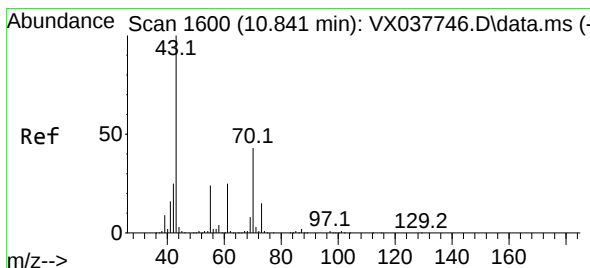
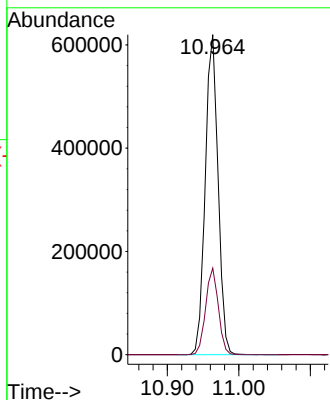
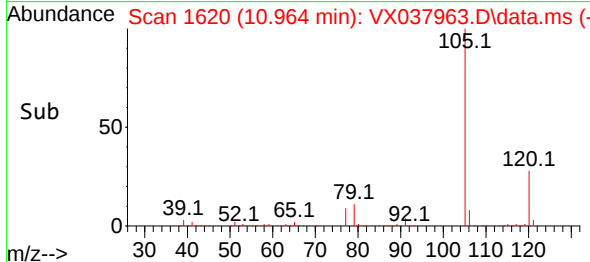
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



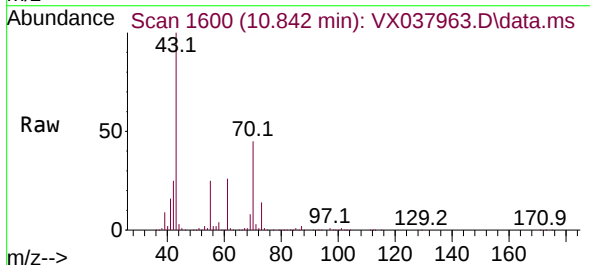
Tgt Ion:105 Resp: 771111
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

Manual Integrations
APPROVED

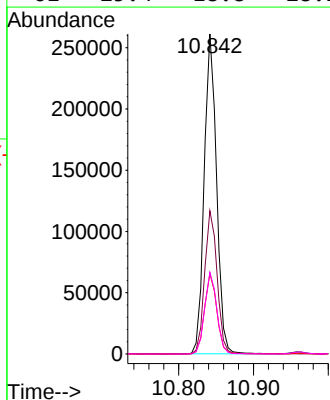
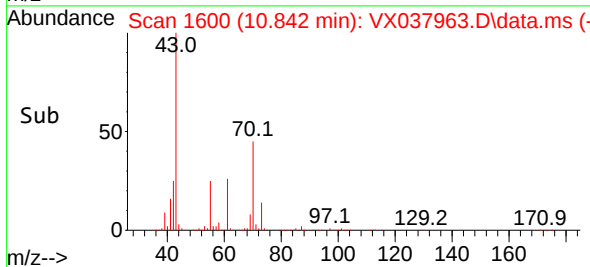
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

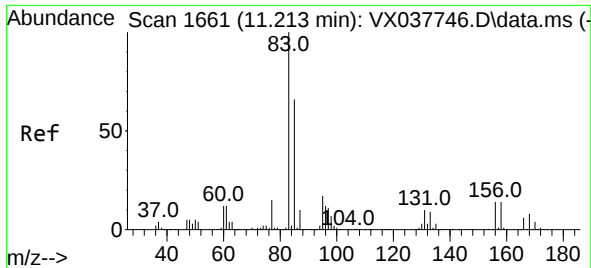


#74
N-ethyl acetate
Concen: 45.005 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46



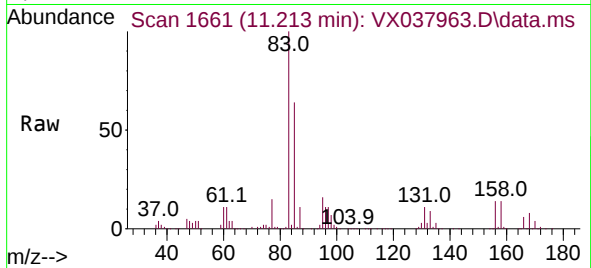
Tgt Ion: 43 Resp: 298646
Ion Ratio Lower Upper
43 100
70 45.3 32.9 49.3
55 25.2 19.3 28.9
61 25.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 44.699 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

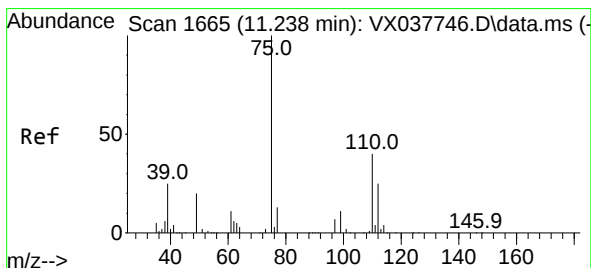
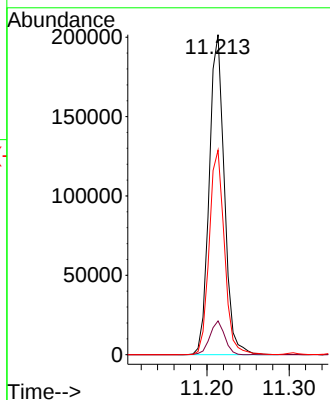
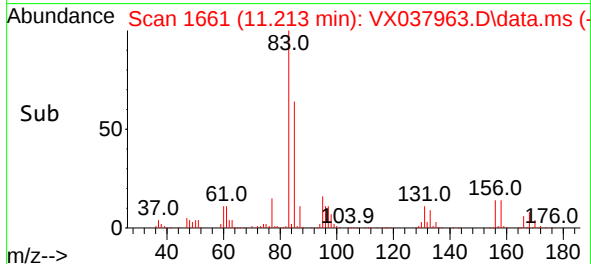
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



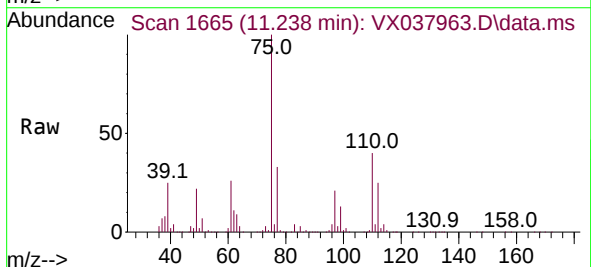
Tgt Ion: 83 Resp: 257584
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 64.4 32.0 96.2

Manual Integrations
APPROVED

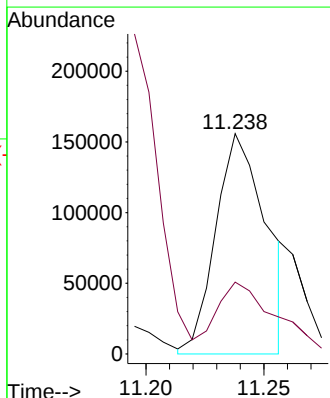
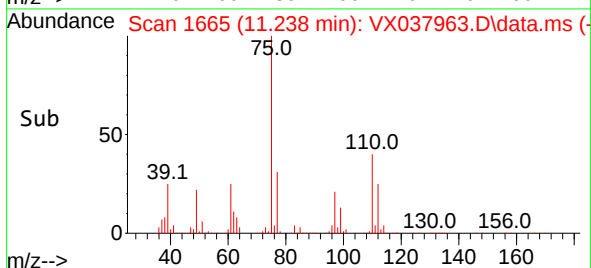
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

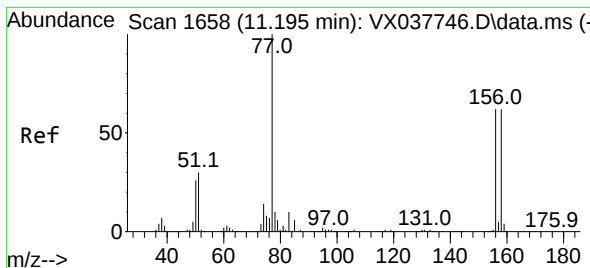


#76
1,2,3-Trichloropropane
Concen: 44.797 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46



Tgt Ion: 75 Resp: 231405
Ion Ratio Lower Upper
75 100
77 38.8 19.1 57.5





#77

Bromobenzene

Concen: 48.530 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 196810

Ion Ratio Lower Upper

156 100

77 147.1 88.4 265.3

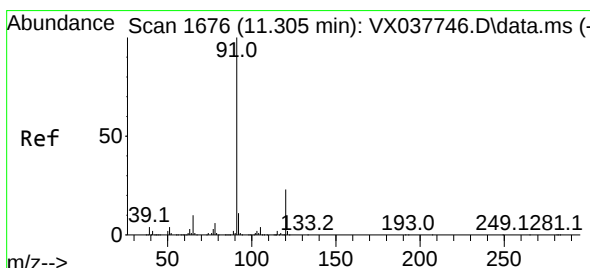
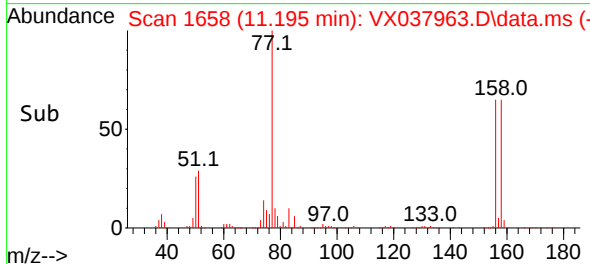
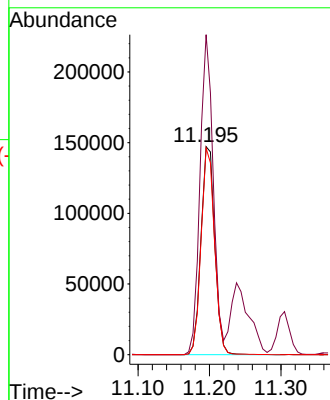
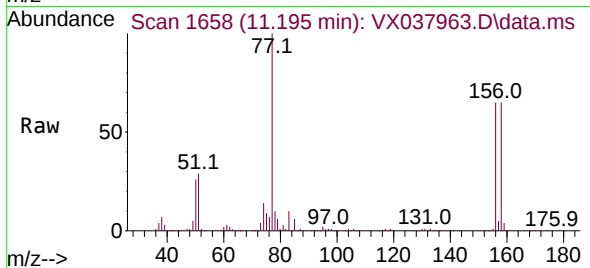
158 97.2 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#78

n-propylbenzene

Concen: 50.233 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037963.D

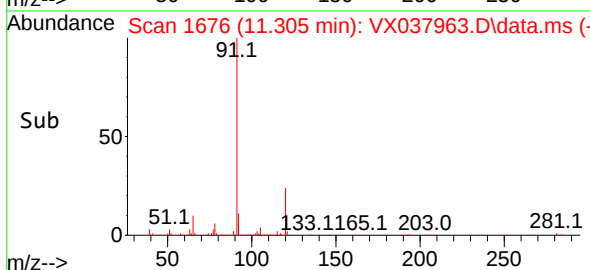
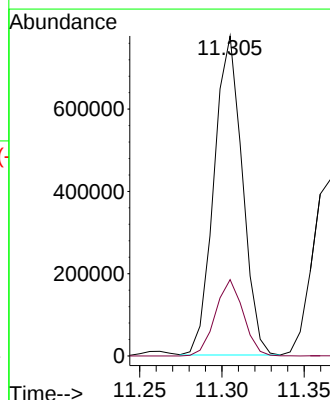
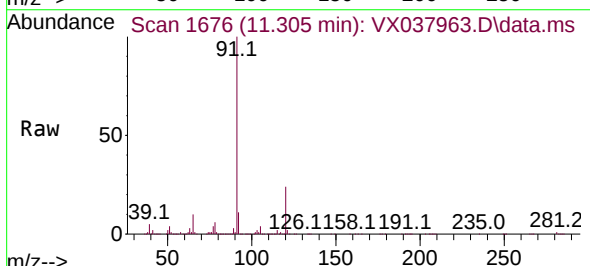
Acq: 29 Sep 2023 09:46

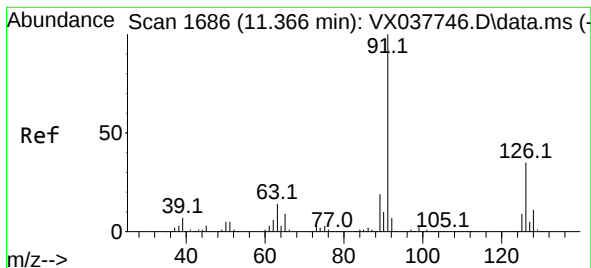
Tgt Ion: 91 Resp: 929546

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





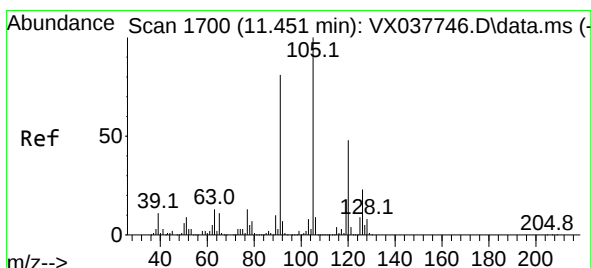
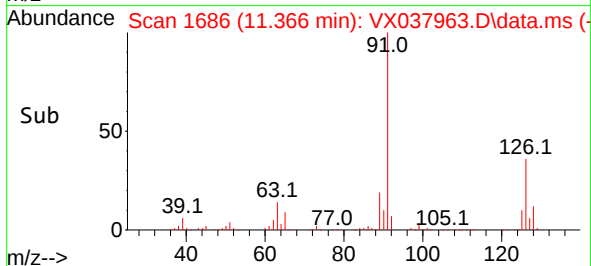
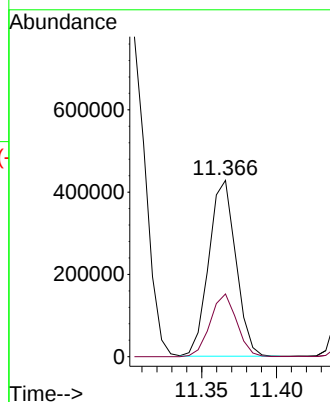
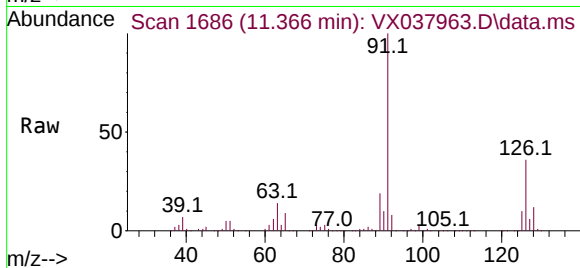
#79
2-Chlorotoluene
Concen: 47.153 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 538008
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8

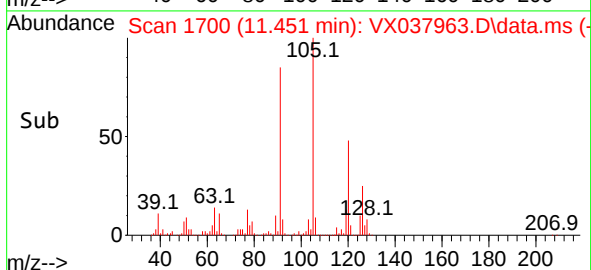
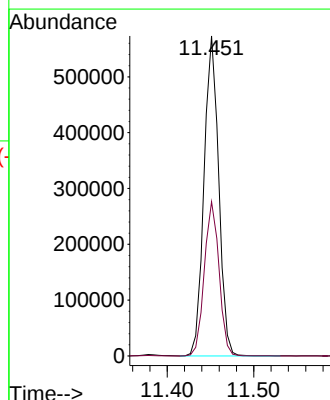
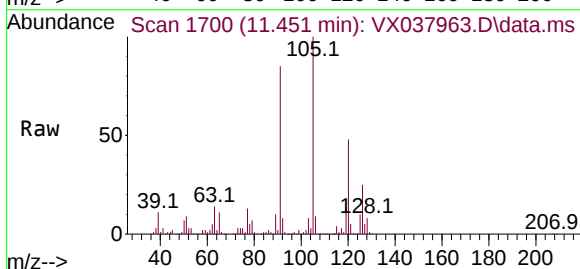
Manual Integrations
APPROVED

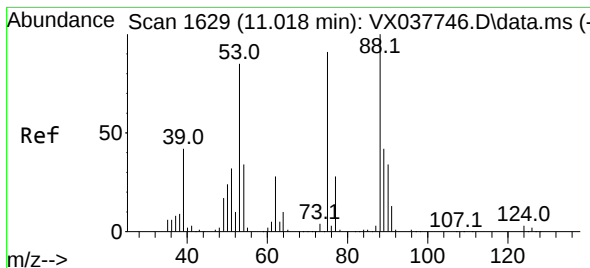
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.643 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

Tgt Ion:105 Resp: 673089
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





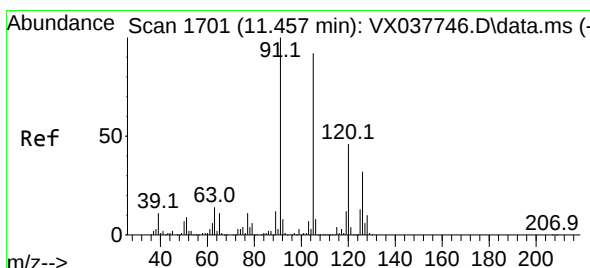
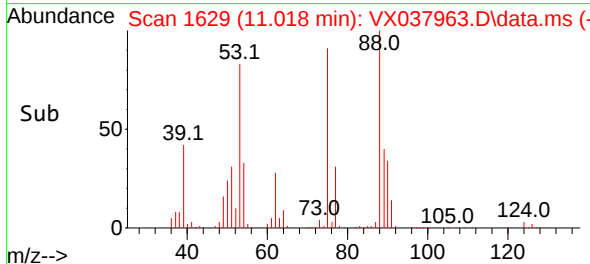
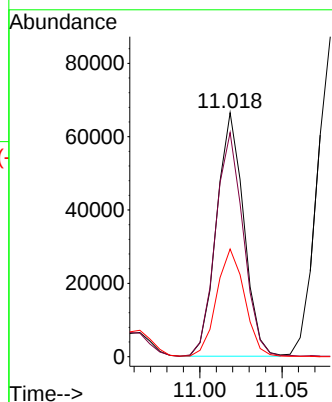
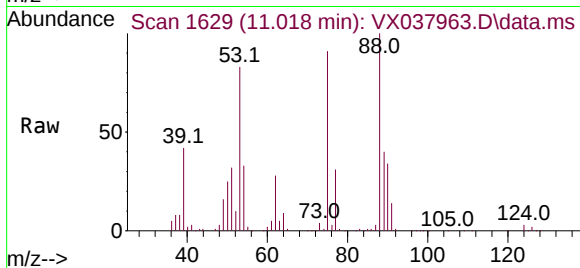
#81
trans-1,4-Dichloro-2-butene
Concen: 47.431 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 76485
Ion Ratio Lower Upper
75 100
53 94.9 90.5 135.7
89 45.6 36.9 55.3

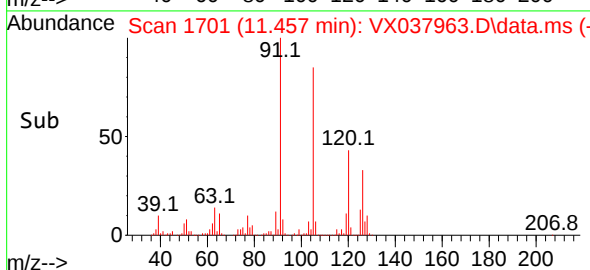
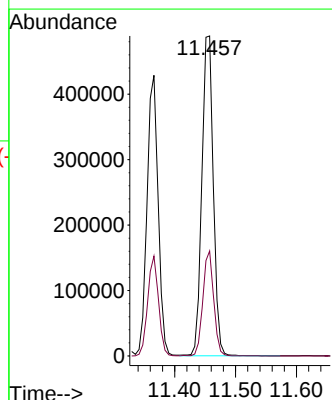
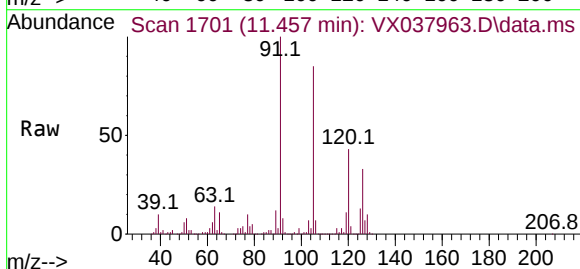
Manual Integrations
APPROVED

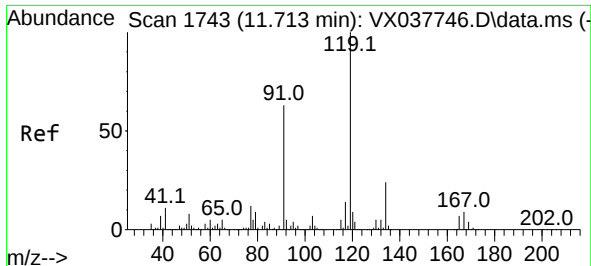
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#82
4-Chlorotoluene
Concen: 49.577 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

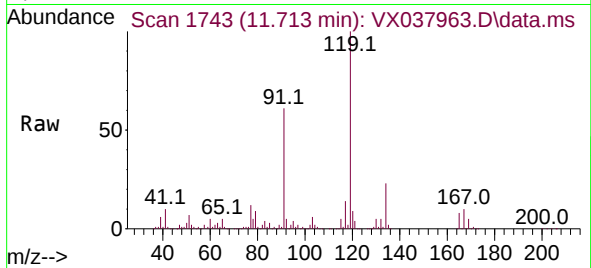
Tgt Ion: 91 Resp: 636827
Ion Ratio Lower Upper
91 100
126 31.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 47.383 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

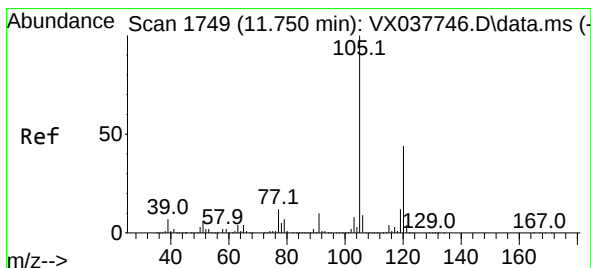
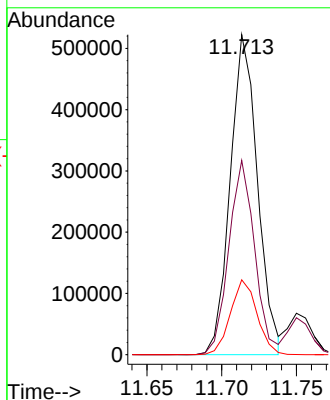
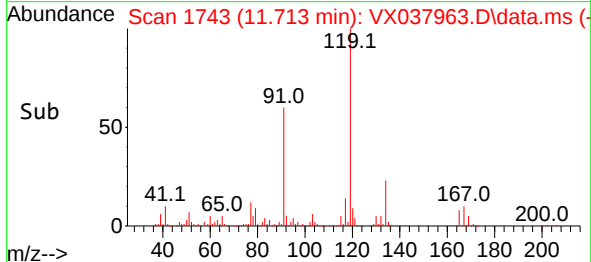
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



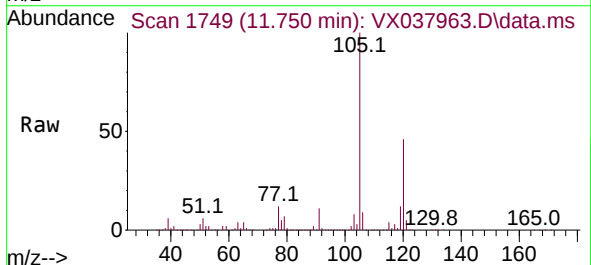
Tgt Ion:119 Resp: 662650
Ion Ratio Lower Upper
119 100
91 57.6 31.2 93.6
134 22.8 11.7 35.0

Manual Integrations
APPROVED

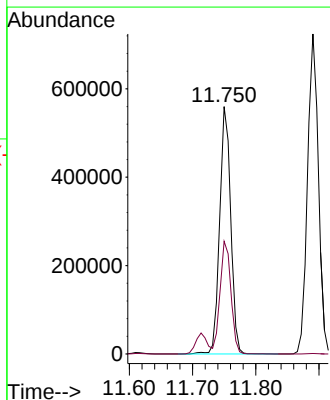
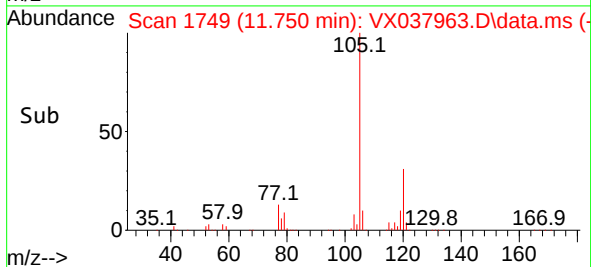
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

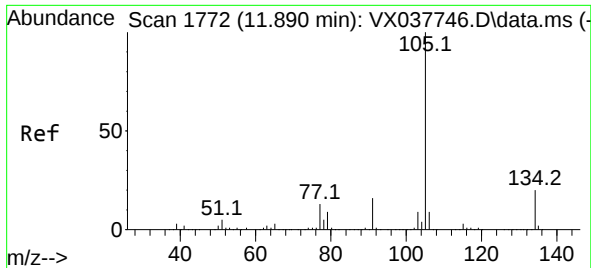


#84
1,2,4-Trimethylbenzene
Concen: 48.946 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46



Tgt Ion:105 Resp: 673862
Ion Ratio Lower Upper
105 100
120 44.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.741 ug/l
 RT: 11.890 min Scan# 1177
 Delta R.T. -0.000 min
 Lab File: VX037963.D
 Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

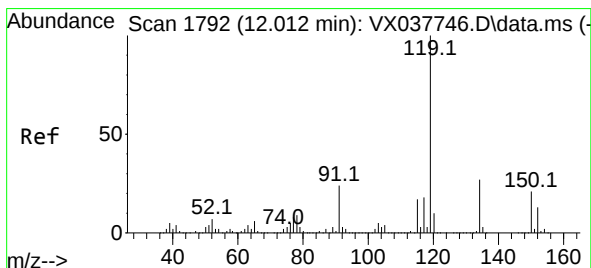
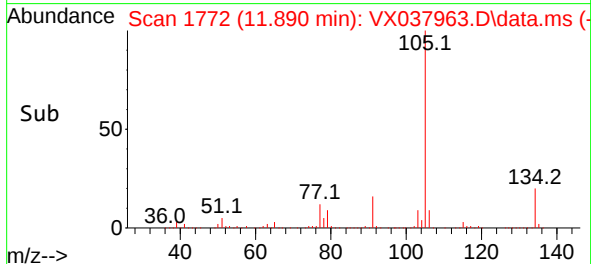
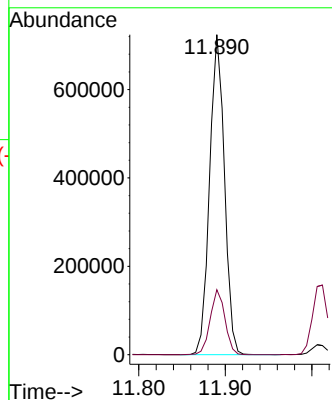
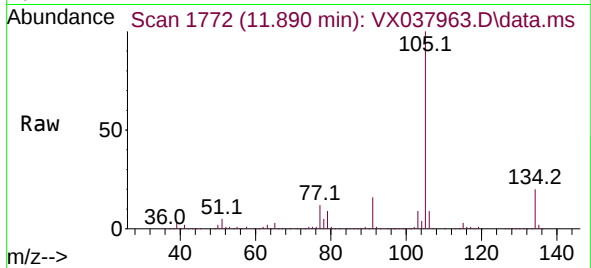
VSTDCCC050

Tgt Ion:105 Resp: 860894
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

Manual Integrations

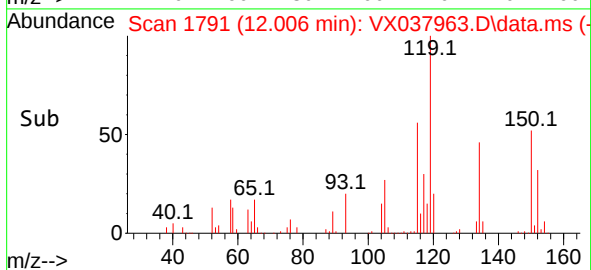
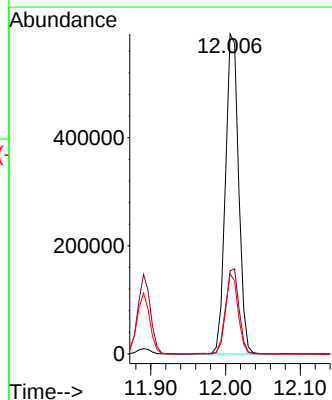
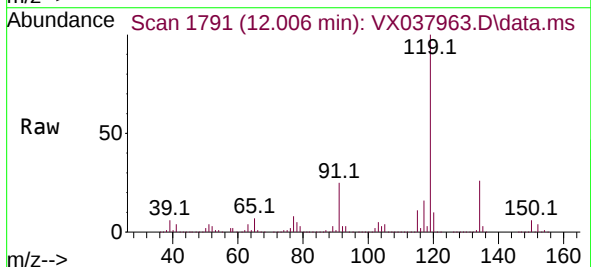
APPROVED

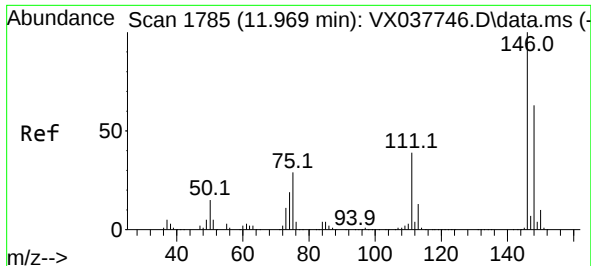
Reviewed By :John Carlone 09/30/2023
 Supervised By :Mahesh Dadoda 10/02/2023



#86
 p-Isopropyltoluene
 Concen: 51.584 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037963.D
 Acq: 29 Sep 2023 09:46

Tgt Ion:119 Resp: 729171
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 24.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.034 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 38580

Ion Ratio Lower Upper

146 100

111 40.5 22.1 66.1

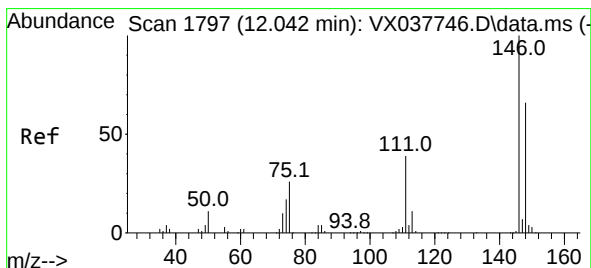
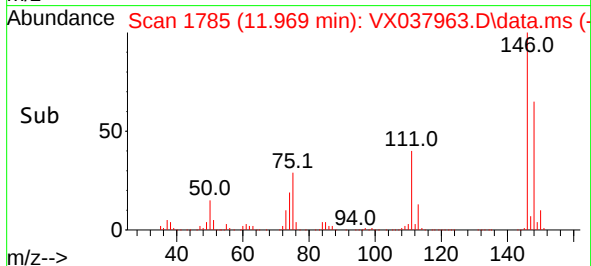
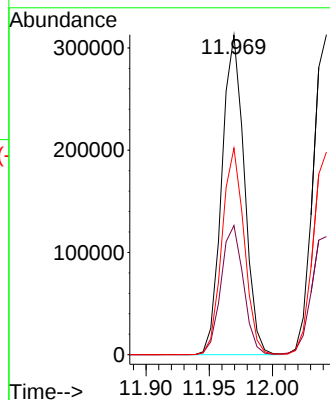
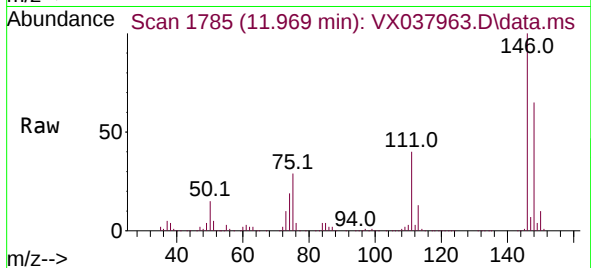
148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#88

1,4-Dichlorobenzene

Concen: 50.615 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

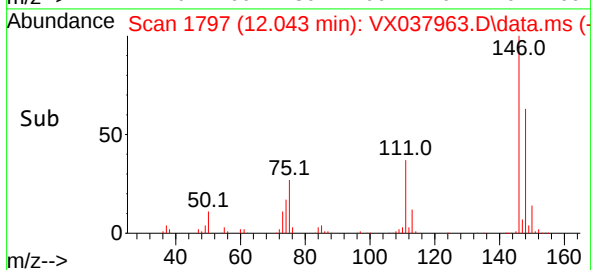
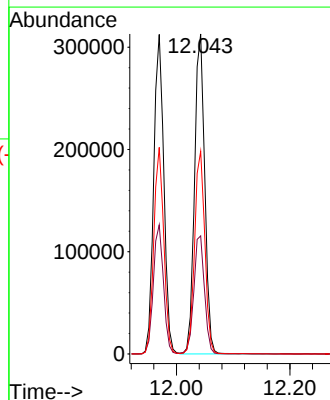
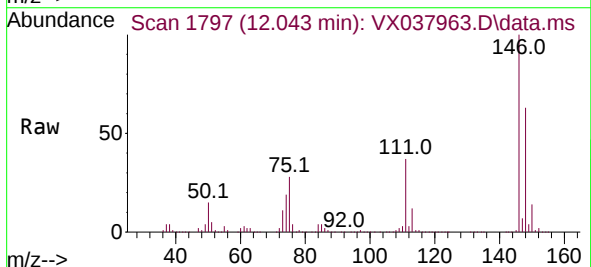
Tgt Ion:146 Resp: 391557

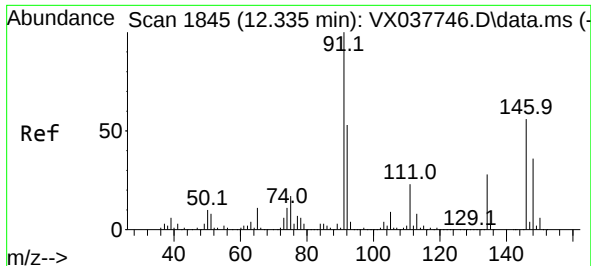
Ion Ratio Lower Upper

146 100

111 38.5 21.3 63.7

148 63.4 31.8 95.4





#89

n-Butylbenzene

Concen: 56.171 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 69558

Ion Ratio Lower Upper

91 100

92 52.1 27.4 82.0

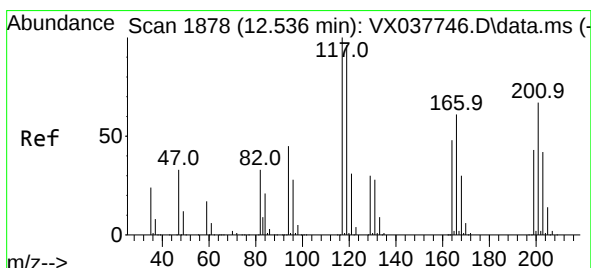
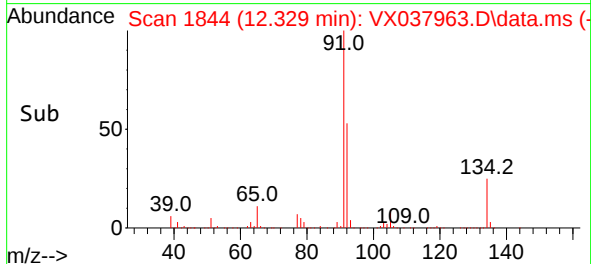
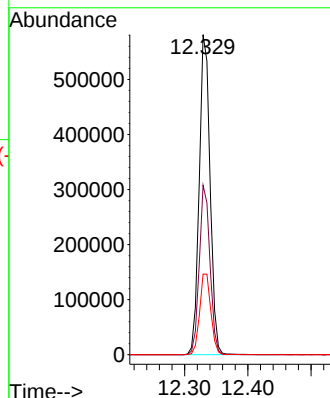
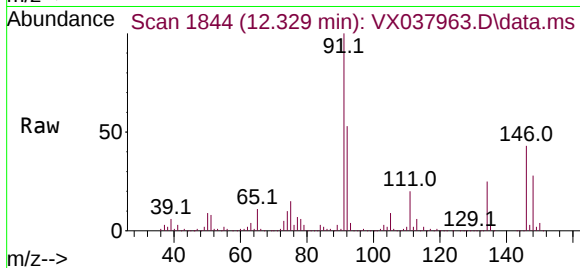
134 26.1 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#90

Hexachloroethane

Concen: 51.213 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037963.D

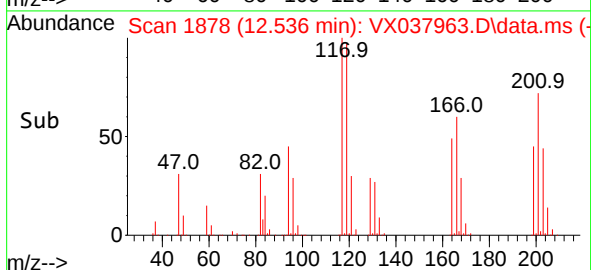
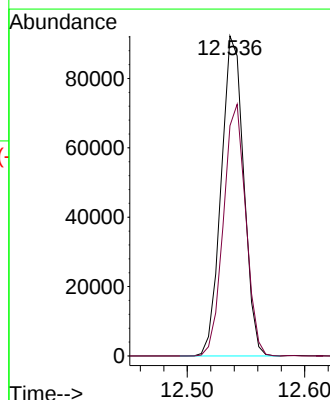
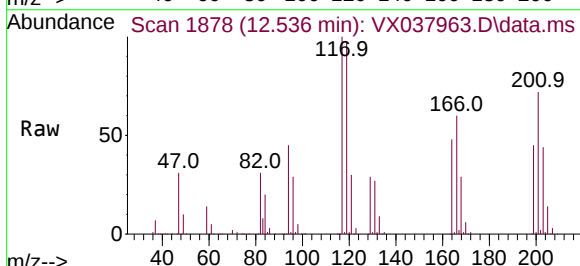
Acq: 29 Sep 2023 09:46

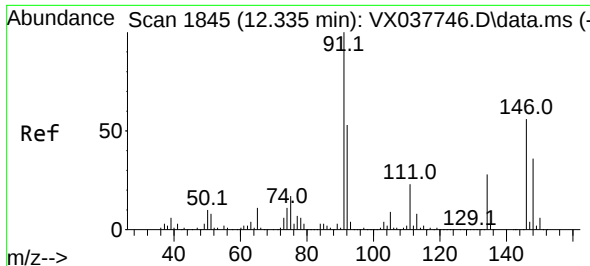
Tgt Ion:117 Resp: 122659

Ion Ratio Lower Upper

117 100

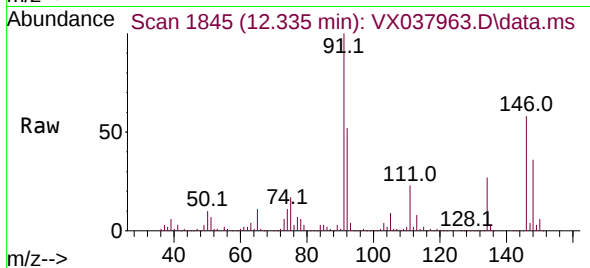
201 77.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.074 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

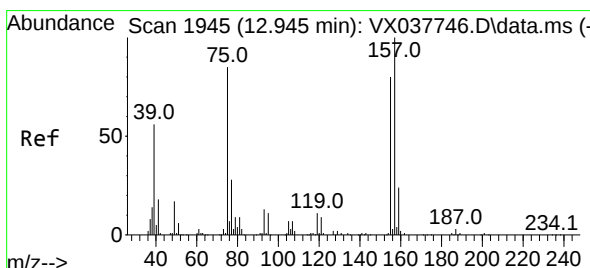
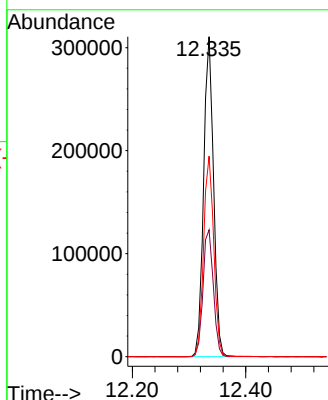
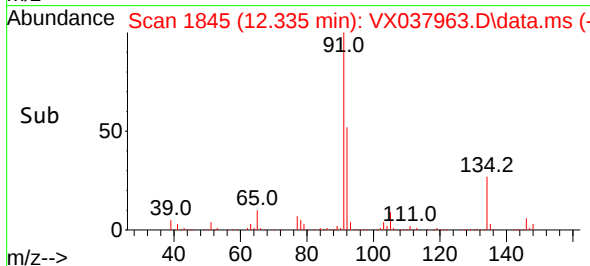
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



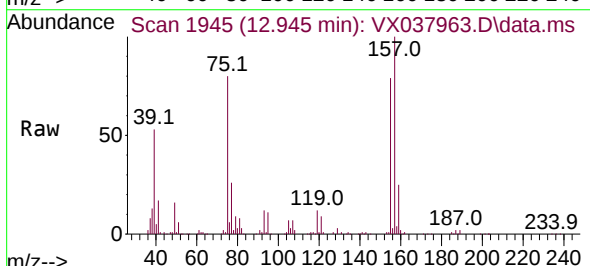
Tgt Ion:146 Resp: 37877
Ion Ratio Lower Upper
146 100
111 41.4 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

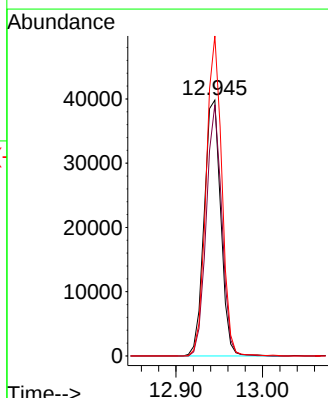
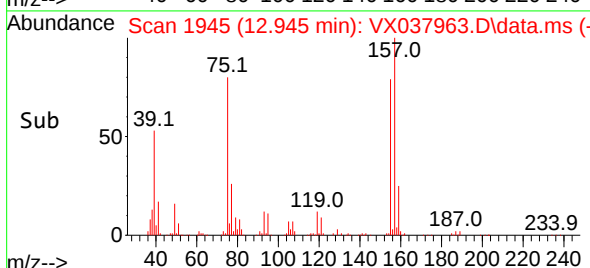
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

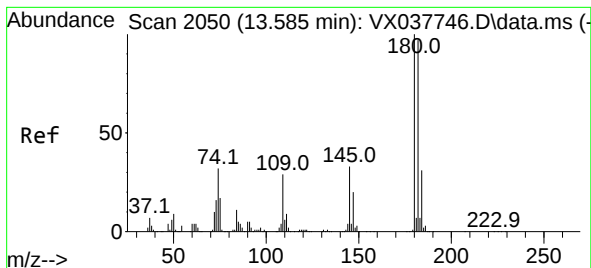


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.100 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46



Tgt Ion: 75 Resp: 52954
Ion Ratio Lower Upper
75 100
155 92.1 36.1 108.5
157 117.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.877 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

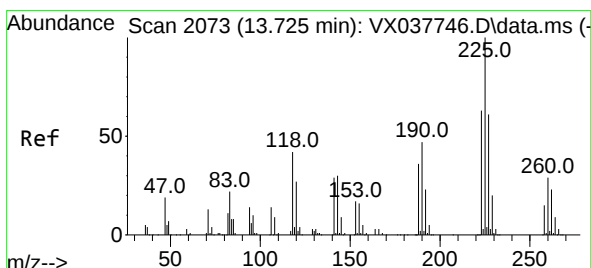
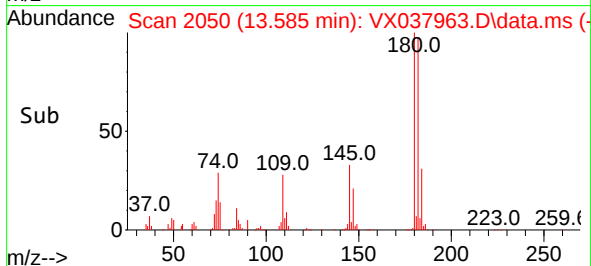
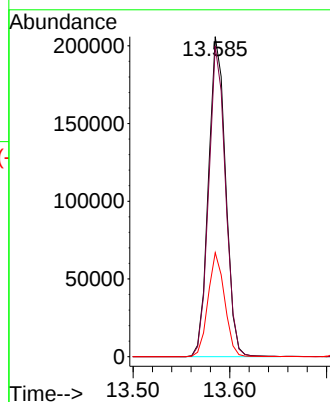
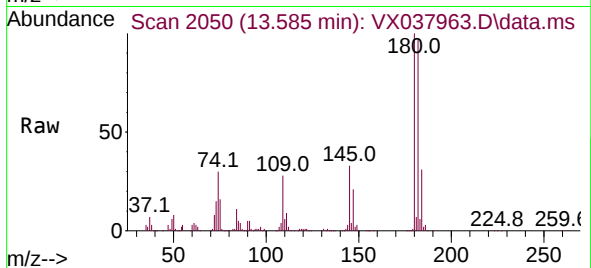
Tgt Ion:180	Resp: 25405
Ion Ratio	Lower Upper
180 100	
182 95.4	48.3 144.8
145 31.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#94

Hexachlorobutadiene

Concen: 54.051 ug/l

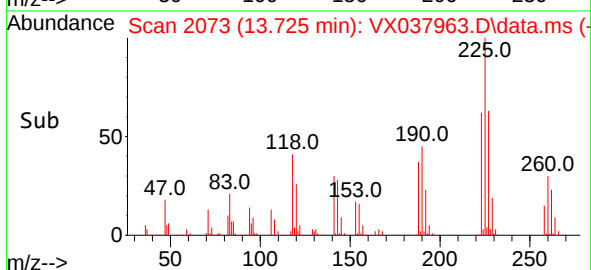
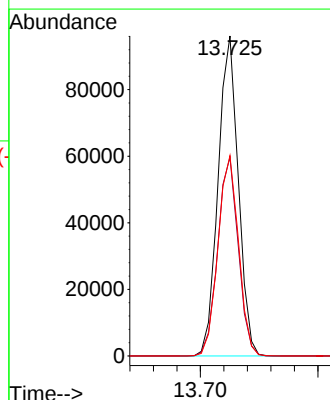
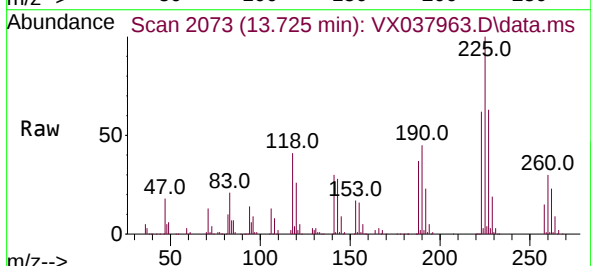
RT: 13.725 min Scan# 2073

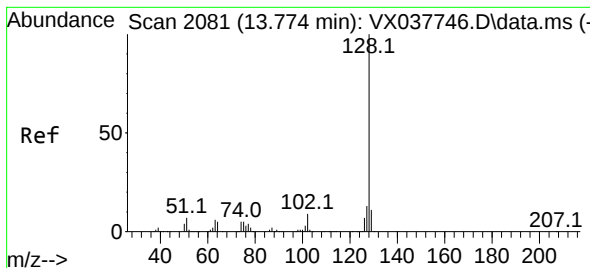
Delta R.T. -0.000 min

Lab File: VX037963.D

Acq: 29 Sep 2023 09:46

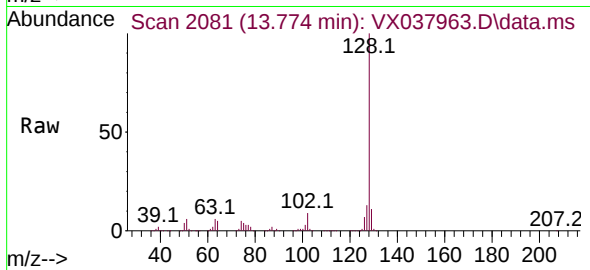
Tgt Ion:225	Resp: 114761
Ion Ratio	Lower Upper
225 100	
223 63.0	31.1 93.2
227 63.7	32.5 97.5





#95
Naphthalene
Concen: 50.206 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

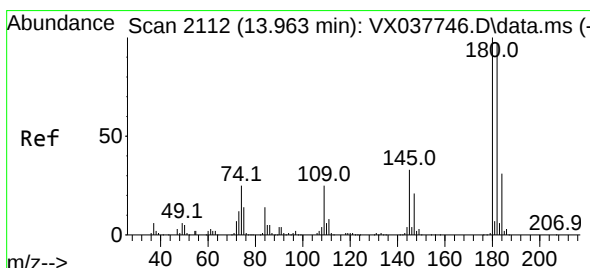
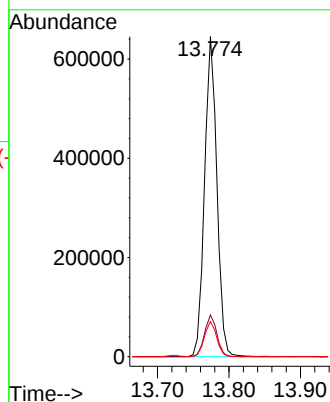
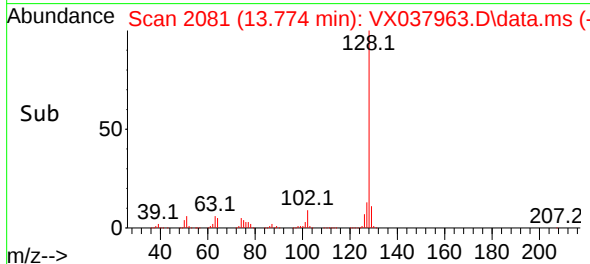
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 772000
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.050 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037963.D
Acq: 29 Sep 2023 09:46

Tgt Ion:180 Resp: 248216
Ion Ratio Lower Upper
180 100
182 95.1 46.9 140.6
145 32.6 17.8 53.5

