

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037616.D
 Acq On : 09 Sep 2023 10:26
 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 09/11/2023
 Supervised By : Mahesh Dadoda 09/11/2023

Quant Time: Sep 11 01:16:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	166351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	268925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102096	45.466	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.940%		
35) Dibromofluoromethane	5.379	113	92717	49.292	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.580%		
50) Toluene-d8	8.646	98	343506	49.792	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.580%		
62) 4-Bromofluorobenzene	11.079	95	135080	51.952	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88982	52.706	ug/l	97
3) Chloromethane	1.300	50	88996	47.089	ug/l	99
4) Vinyl Chloride	1.373	62	93610	48.080	ug/l	99
5) Bromomethane	1.599	94	40495	46.938	ug/l	94
6) Chloroethane	1.678	64	48231	48.613	ug/l	98
7) Trichlorofluoromethane	1.879	101	140863	53.235	ug/l	99
8) Diethyl Ether	2.135	74	53844	45.782	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.324	101	90181	50.955	ug/l	95
10) Methyl Iodide	2.446	142	113548	49.467	ug/l	90
11) Tert butyl alcohol	2.964	59	107486	213.911	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	85428	47.822	ug/l #	80
13) Acrolein	2.233	56	107021	216.635	ug/l	98
14) Allyl chloride	2.660	41	122163	48.768	ug/l #	86
15) Acrylonitrile	3.062	53	245104	223.737	ug/l	98
16) Acetone	2.379	43	255107	276.257	ug/l #	84
17) Carbon Disulfide	2.507	76	210909	47.140	ug/l	99
18) Methyl Acetate	2.702	43	167246	44.640	ug/l #	85
19) Methyl tert-butyl Ether	3.111	73	287299	45.362	ug/l	96
20) Methylene Chloride	2.788	84	97962	45.870	ug/l #	82
21) trans-1,2-Dichloroethene	3.086	96	94247	47.230	ug/l	84
22) Diisopropyl ether	3.757	45	245586	46.298	ug/l #	84
23) Vinyl Acetate	3.720	43	899199	237.458	ug/l #	88
24) 1,1-Dichloroethane	3.605	63	159393	46.111	ug/l	97
25) 2-Butanone	4.550	43	335247	239.376	ug/l #	83
26) 2,2-Dichloropropane	4.470	77	135137	53.030	ug/l	94
27) cis-1,2-Dichloroethene	4.482	96	108947	45.814	ug/l	85
28) Bromochloromethane	4.897	49	68495	45.395	ug/l #	67
29) Tetrahydrofuran	5.001	42	196492	219.003	ug/l #	81
30) Chloroform	5.092	83	171772	46.314	ug/l	98
31) Cyclohexane	5.464	56	137399	50.288	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	152850	47.850	ug/l	95
36) 1,1-Dichloropropene	5.690	75	125419	50.471	ug/l	96
37) Ethyl Acetate	4.708	43	116004	45.530	ug/l #	91
38) Carbon Tetrachloride	5.671	117	137041	53.361	ug/l	98
39) Methylcyclohexane	7.378	83	167182	55.176	ug/l	88
40) Benzene	6.037	78	372657	48.739	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	63014	48.550	ug/l #	84
42) 1,2-Dichloroethane	6.080	62	124229	48.522	ug/l	91
43) Isopropyl Acetate	6.336	43	185114	48.509	ug/l #	87
44) Trichloroethene	7.122	130	105521	50.243	ug/l	94
45) 1,2-Dichloropropane	7.427	63	93052	49.695	ug/l	99
46) Dibromomethane	7.580	93	69629	49.548	ug/l	92
47) Bromodichloromethane	7.817	83	132595	51.636	ug/l	99
48) Methyl methacrylate	7.689	41	90845	49.739	ug/l #	77
49) 1,4-Dioxane	7.659	88	51124	892.122	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	589264	242.796	ug/l #	86
52) Toluene	8.713	92	248584	50.056	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	144230	54.093	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	158427	53.404	ug/l #	80
55) 1,1,2-Trichloroethane	9.152	97	102474	49.629	ug/l	97
56) Ethyl methacrylate	9.116	69	153510	51.025	ug/l #	79
57) 1,3-Dichloropropane	9.305	76	166279	48.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	373098	245.112	ug/l	91
59) 2-Hexanone	9.427	43	485854	262.473	ug/l	82
60) Dibromochloromethane	9.518	129	109462	53.243	ug/l	100
61) 1,2-Dibromoethane	9.610	107	109543	49.541	ug/l	100
64) Tetrachloroethene	9.274	164	88032	50.134	ug/l	98
65) Chlorobenzene	10.079	112	271646	49.307	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	100912	51.684	ug/l	99
67) Ethyl Benzene	10.195	91	482067	51.476	ug/l	98
68) m/p-Xylenes	10.299	106	382612	103.861	ug/l	95
69) o-Xylene	10.640	106	186767	50.988	ug/l	95
70) Styrene	10.652	104	314767	52.855	ug/l	95
71) Bromoform	10.798	173	81107	51.900	ug/l #	99
73) Isopropylbenzene	10.963	105	491507	48.136	ug/l	98
74) N-amyl acetate	10.841	43	168900	47.987	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	161686	45.566	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	132197m	41.541	ug/l	
77) Bromobenzene	11.195	156	119063	47.108	ug/l	89
78) n-propylbenzene	11.304	91	574150	50.561	ug/l	98
79) 2-Chlorotoluene	11.365	91	344846	47.794	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	427710	49.384	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	50584	48.747	ug/l #	82
82) 4-Chlorotoluene	11.451	91	397835	48.901	ug/l	97
83) tert-Butylbenzene	11.713	119	424207	48.582	ug/l	95
84) 1,2,4-Trimethylbenzene	11.749	105	429202	49.567	ug/l	96
85) sec-Butylbenzene	11.890	105	540099	51.309	ug/l	99
86) p-Isopropyltoluene	12.012	119	464779	52.136	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	232344	48.316	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	237893	48.628	ug/l	99
89) n-Butylbenzene	12.329	91	401162	54.768	ug/l	98
90) Hexachloroethane	12.536	117	80067	52.855	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	228371	47.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	35251	46.659	ug/l	72
93) 1,2,4-Trichlorobenzene	13.585	180	151610	52.328	ug/l	97
94) Hexachlorobutadiene	13.725	225	71322	55.766	ug/l	99
95) Naphthalene	13.774	128	494031	48.812	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	148560	49.640	ug/l	98

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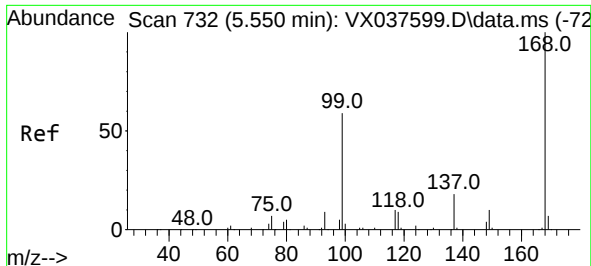
Manual Integrations
APPROVED

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Response via : Initial Calibration

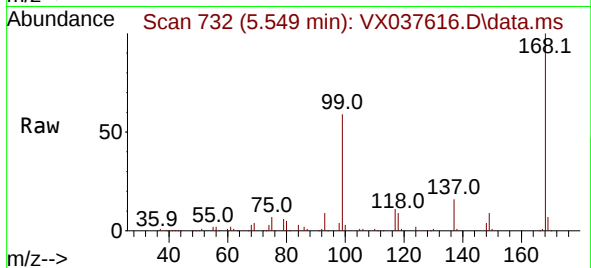
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
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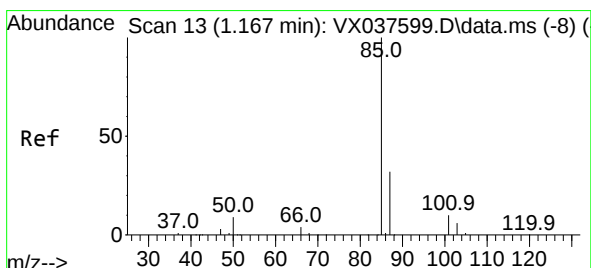
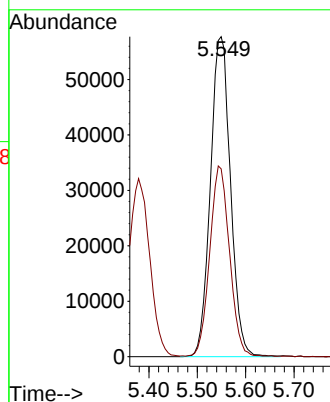
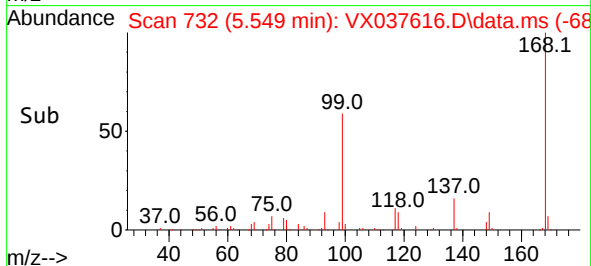
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 16635
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0

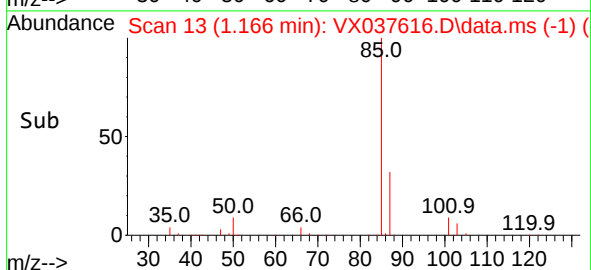
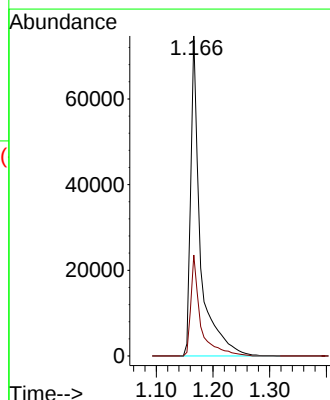
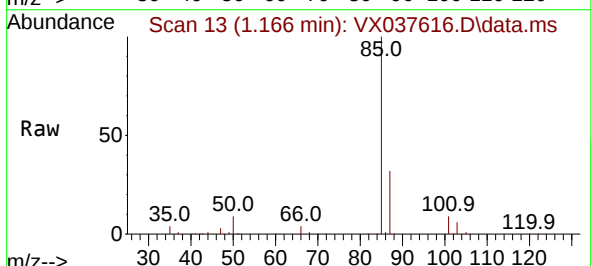
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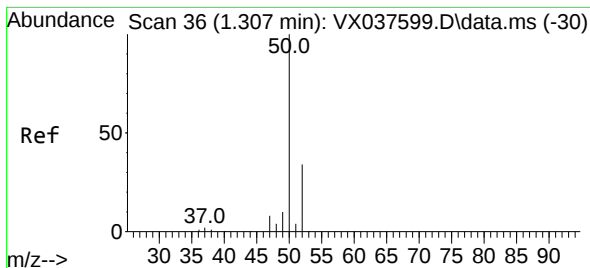
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#2
Dichlorodifluoromethane
Concen: 52.706 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

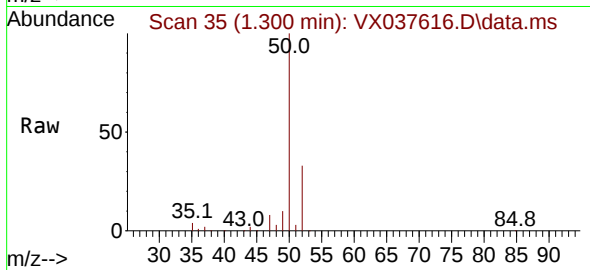
Tgt Ion: 85 Resp: 88982
Ion Ratio Lower Upper
85 100
87 31.6 16.7 50.1





#3
Chloromethane
Concen: 47.089 ug/l
RT: 1.300 min Scan# 36
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

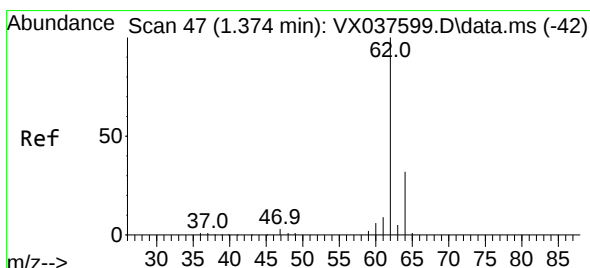
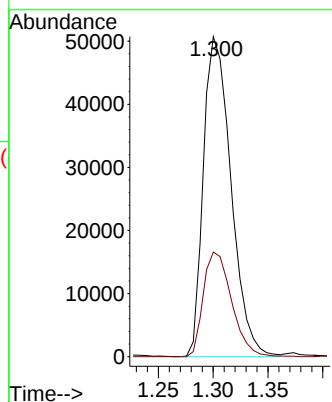
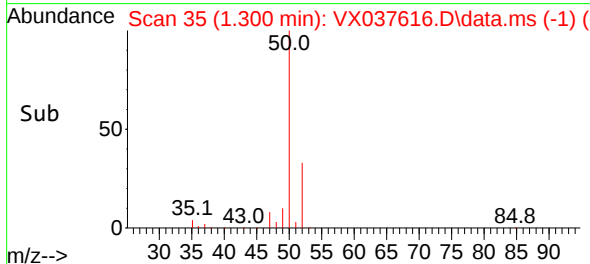
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 88990
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

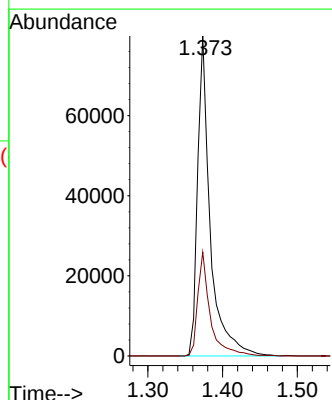
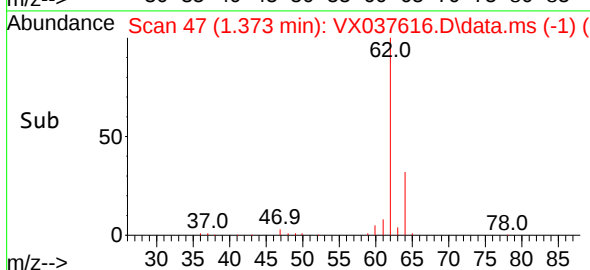
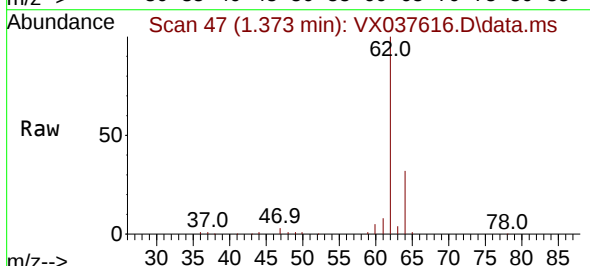
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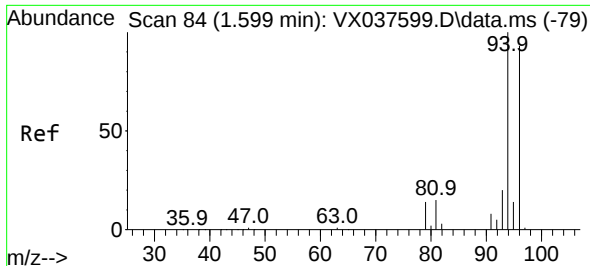
Reviewed By :John Carlone 09/11/2023
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#4
Vinyl Chloride
Concen: 48.080 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

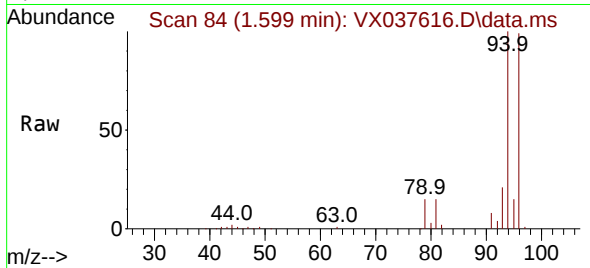
Tgt Ion: 62 Resp: 93610
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
Bromomethane
Concen: 46.938 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037616.D
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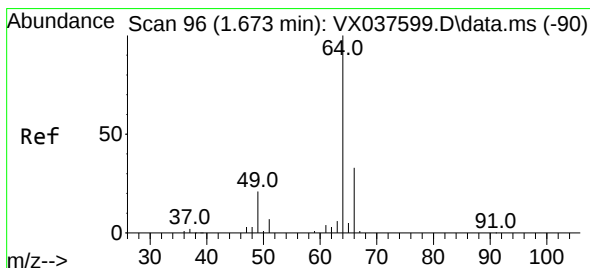
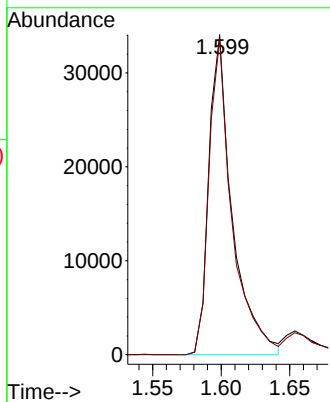
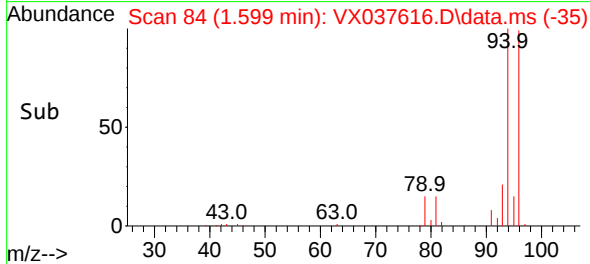
Instrument :
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Tgt Ion: 94 Resp: 40495
Ion Ratio Lower Upper
94 100
96 98.6 74.6 111.8

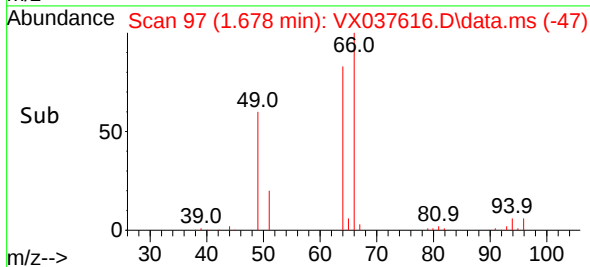
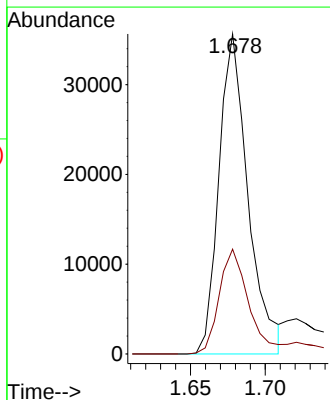
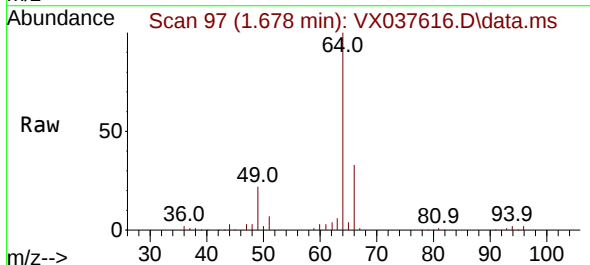
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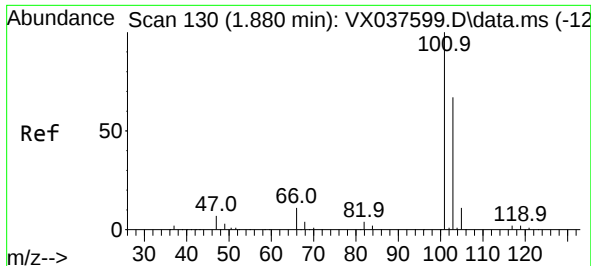
Reviewed By :John Carlone 09/11/2023
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#6
Chloroethane
Concen: 48.613 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.005 min
Lab File: VX037616.D
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Tgt Ion: 64 Resp: 48231
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





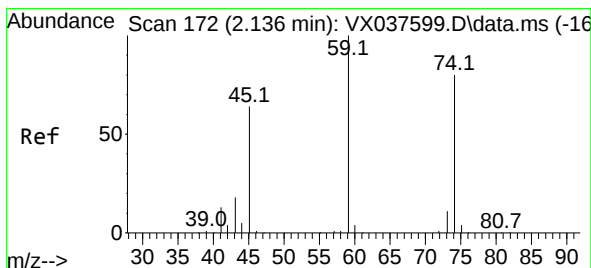
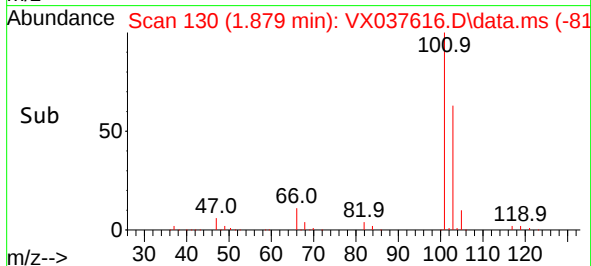
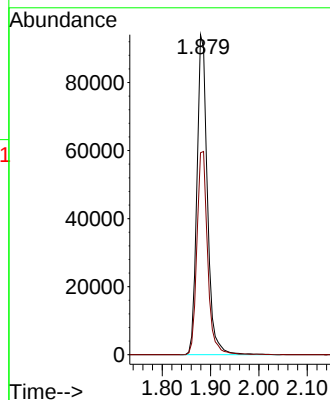
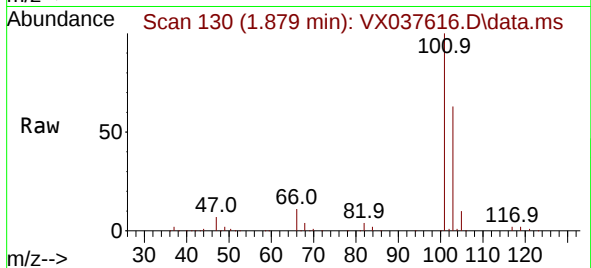
#7
Trichlorofluoromethane
Concen: 53.235 ug/l
RT: 1.879 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 14086
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.2

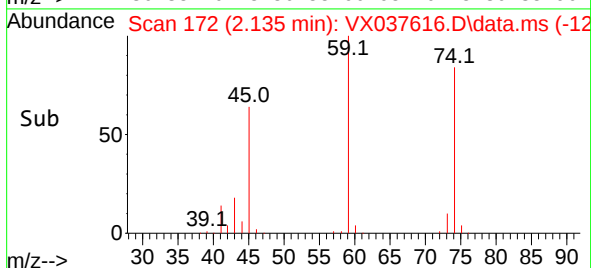
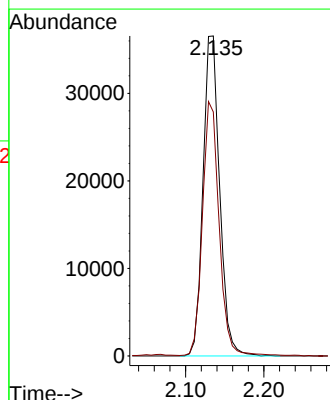
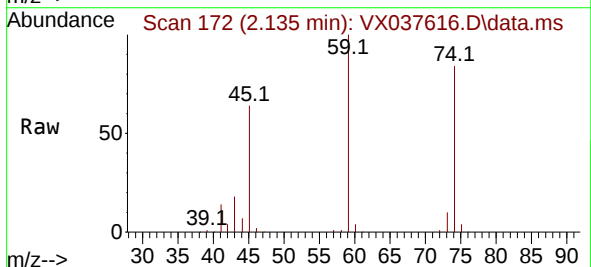
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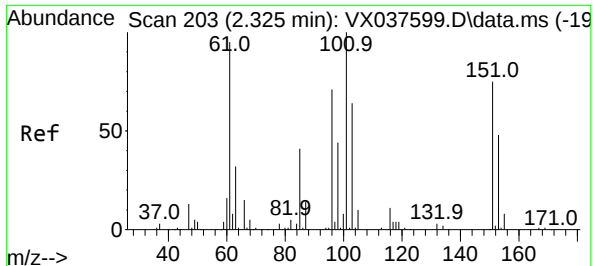
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#8
Diethyl Ether
Concen: 45.782 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Tgt Ion: 74 Resp: 53844
Ion Ratio Lower Upper
74 100
45 80.3 53.3 159.8





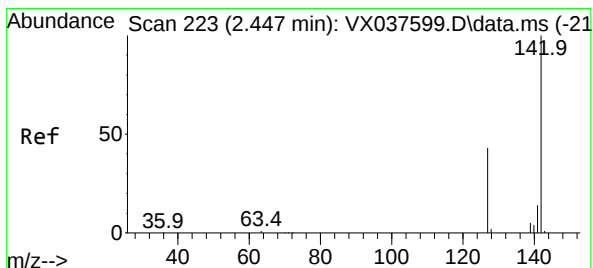
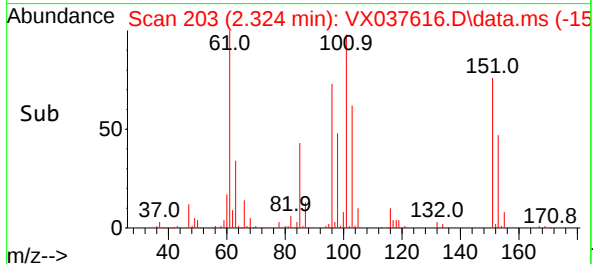
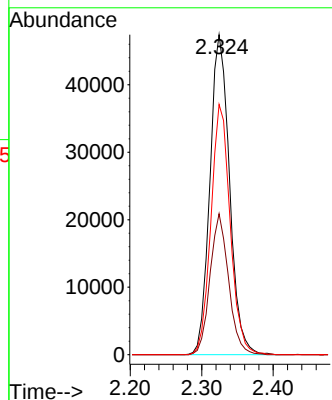
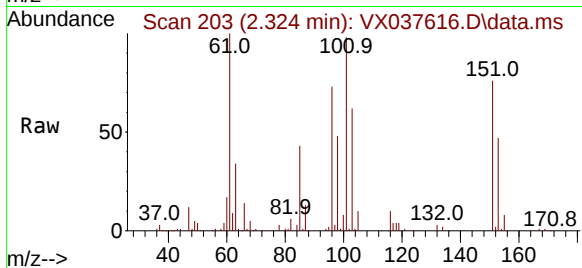
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.955 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9018
Ion Ratio Lower Upper
101 100
85 41.7 37.0 55.6
151 76.9 58.6 87.8

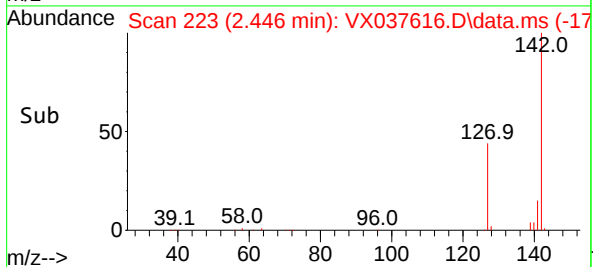
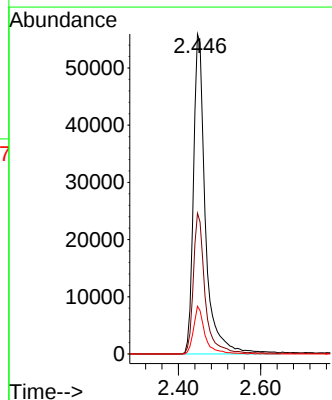
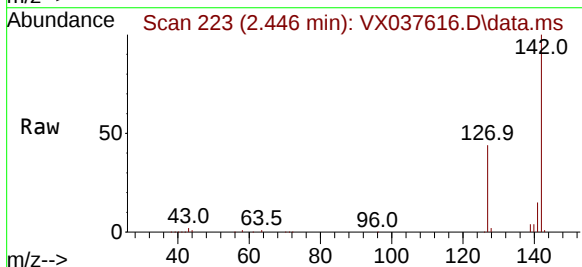
Manual Integrations
APPROVED

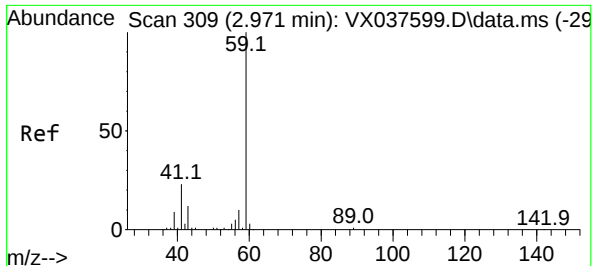
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#10
Methyl Iodide
Concen: 49.467 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Tgt Ion:142 Resp: 113548
Ion Ratio Lower Upper
142 100
127 43.5 41.6 62.4
141 14.2 11.6 17.4





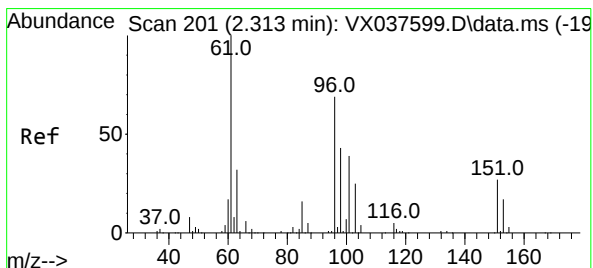
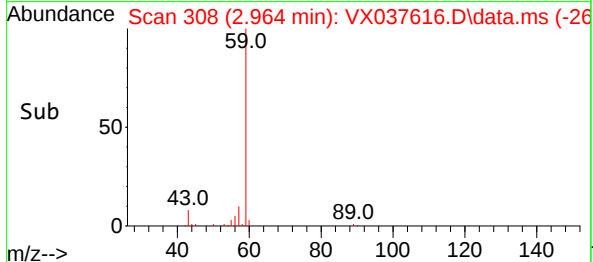
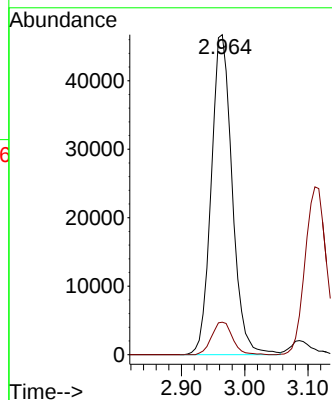
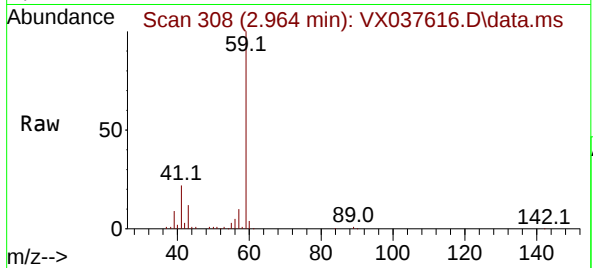
#11
Tert butyl alcohol
Concen: 213.911 ug/l
RT: 2.964 min Scan# 309
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 107480
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

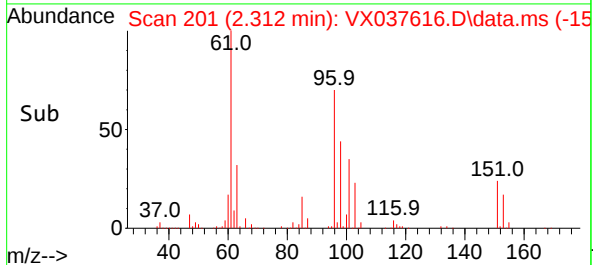
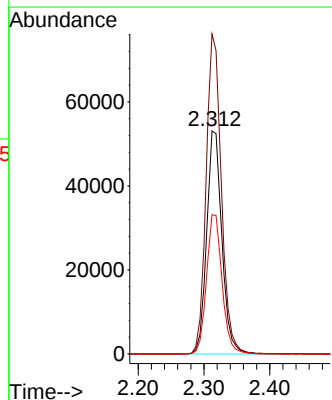
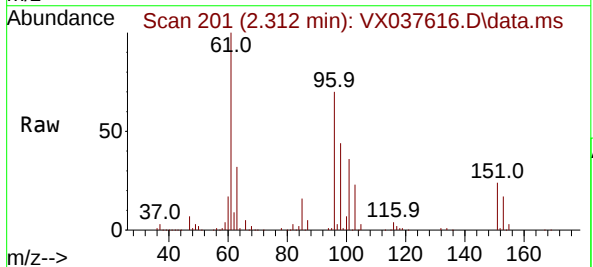
Manual Integrations
APPROVED

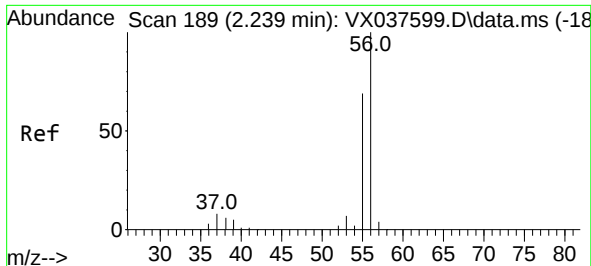
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#12
1,1-Dichloroethene
Concen: 47.822 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

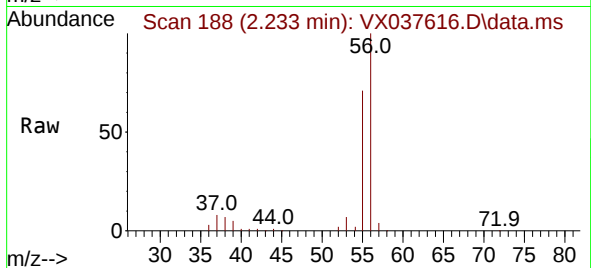
Tgt Ion: 96 Resp: 85428
Ion Ratio Lower Upper
96 100
61 143.5 144.6 216.8#
98 62.4 50.4 75.6





#13
Acrolein
Concen: 216.635 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

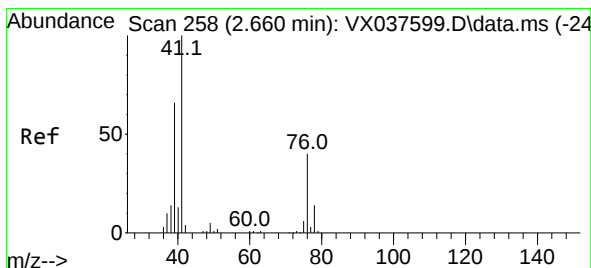
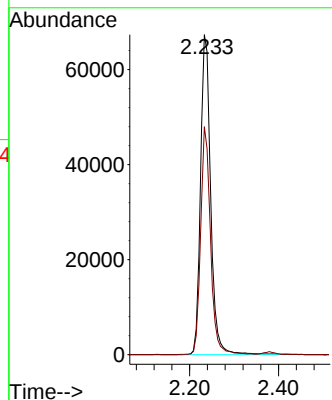
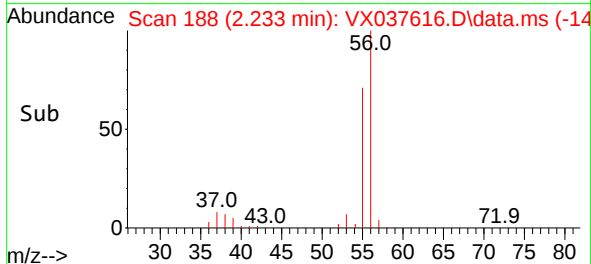
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 10702
Ion Ratio Lower Upper
56 100
55 69.7 57.1 85.7

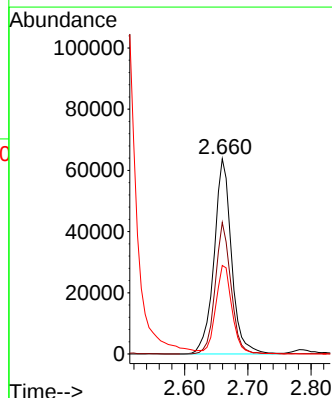
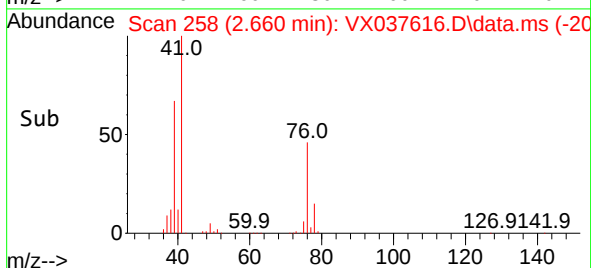
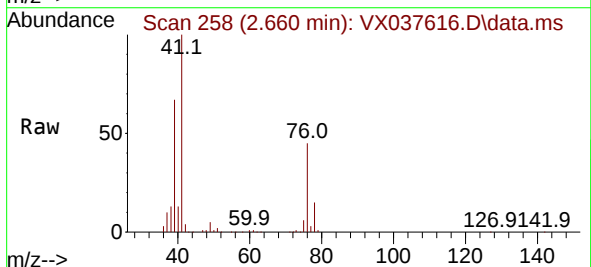
Manual Integrations
APPROVED

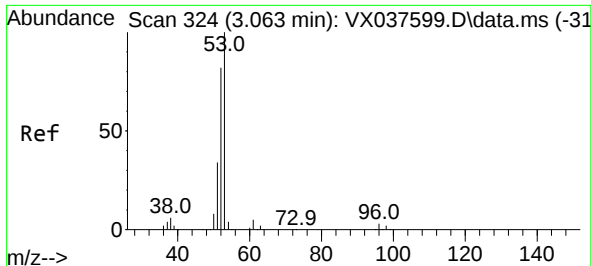
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#14
Allyl chloride
Concen: 48.768 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

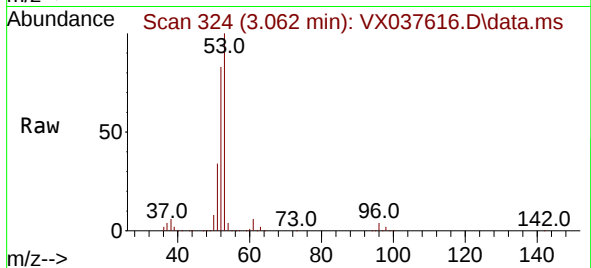
Tgt Ion: 41 Resp: 122163
Ion Ratio Lower Upper
41 100
39 60.6 55.8 83.6
76 42.2 24.3 36.5





#15
Acrylonitrile
Concen: 223.737 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

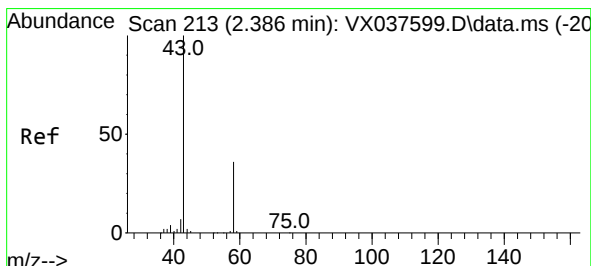
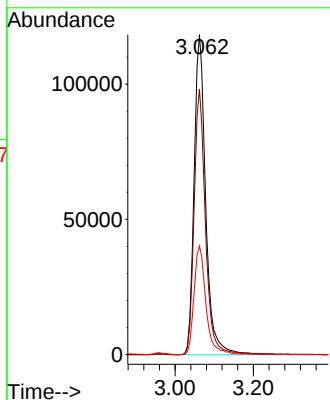
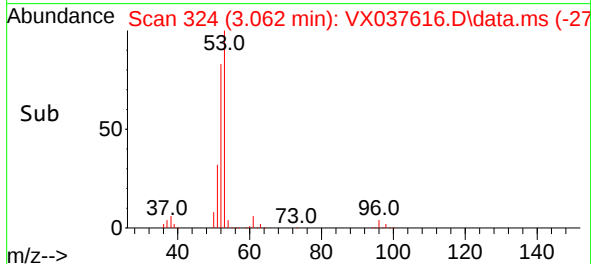
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



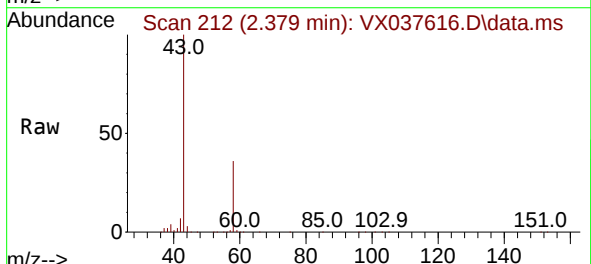
Tgt Ion: 53 Resp: 245104
Ion Ratio Lower Upper
53 100
52 81.4 66.0 99.0
51 34.9 29.8 44.6

Manual Integrations
APPROVED

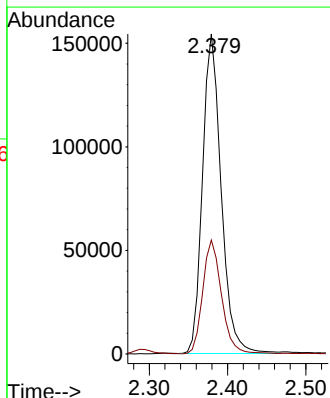
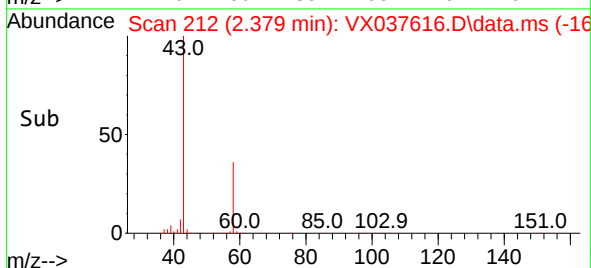
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

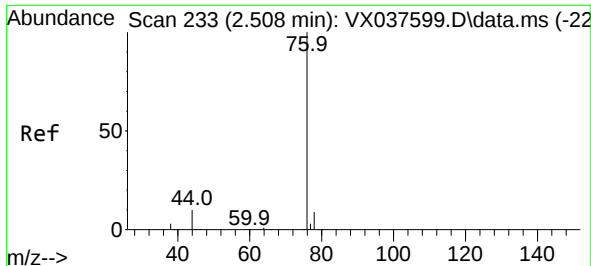


#16
Acetone
Concen: 276.257 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26



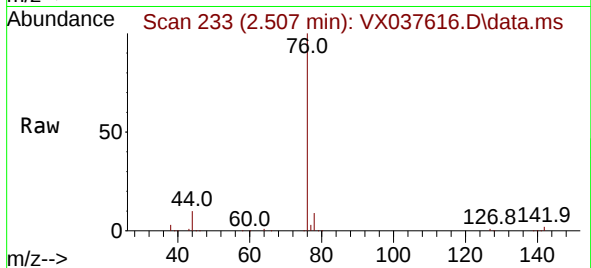
Tgt Ion: 43 Resp: 255107
Ion Ratio Lower Upper
43 100
58 35.6 21.9 32.9#





#17
Carbon Disulfide
Concen: 47.140 ug/l
RT: 2.507 min Scan# 210909
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

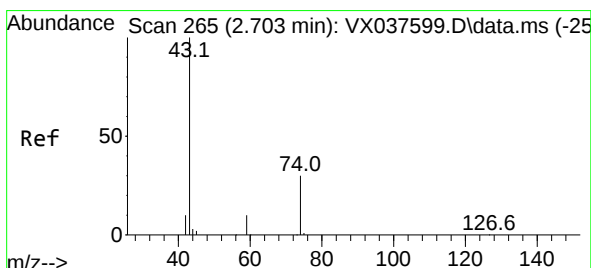
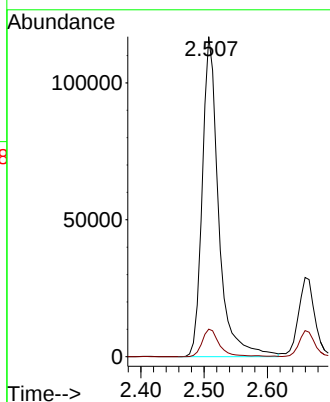
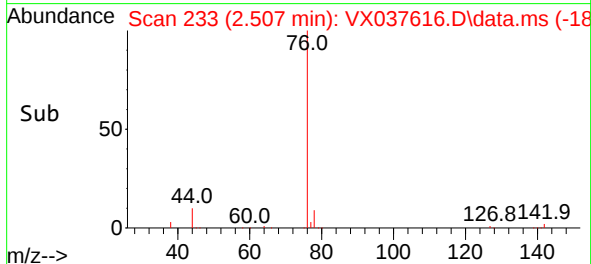
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 210909
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

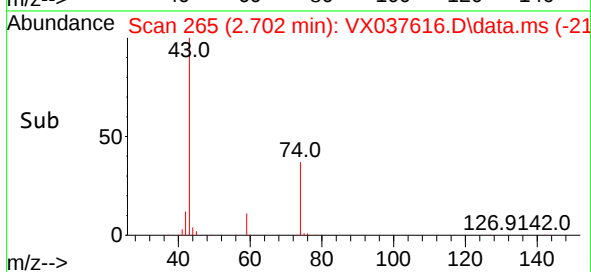
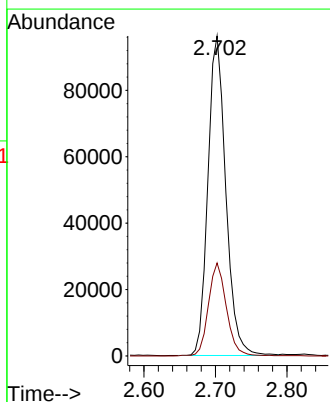
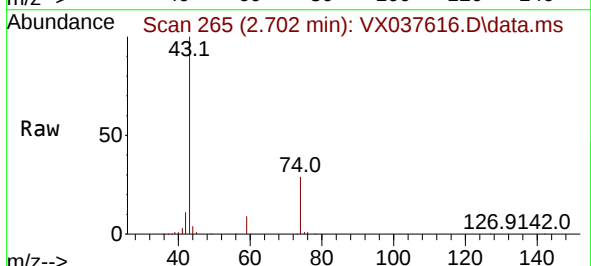
Manual Integrations
APPROVED

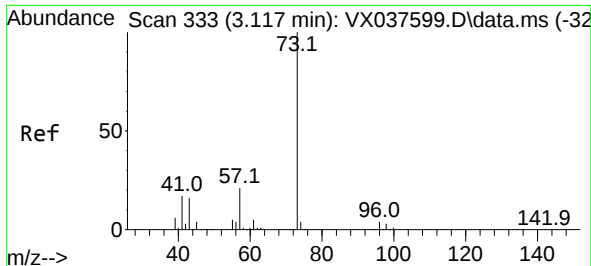
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#18
Methyl Acetate
Concen: 44.640 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

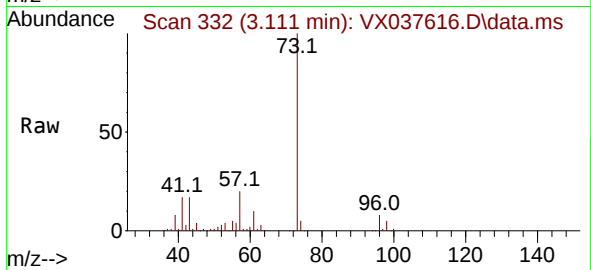
Tgt Ion: 43 Resp: 167246
Ion Ratio Lower Upper
43 100
74 29.4 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 45.362 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

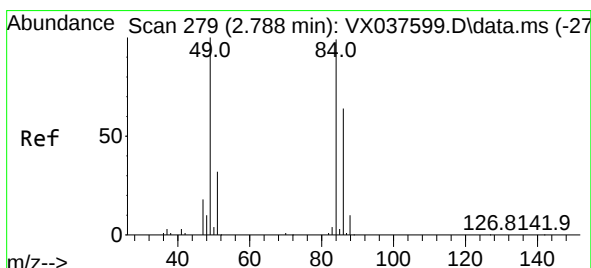
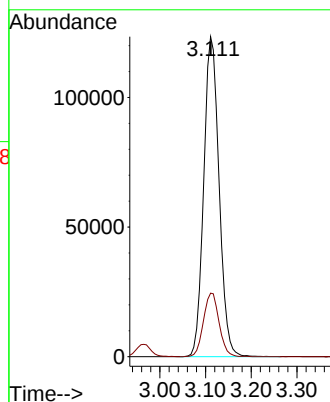
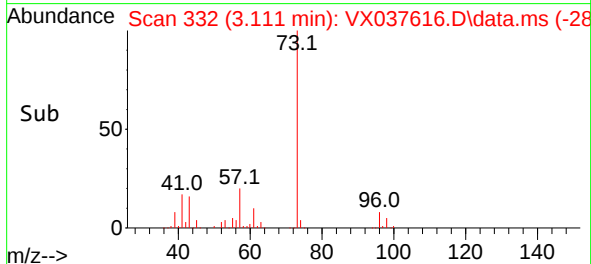
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 28729
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9

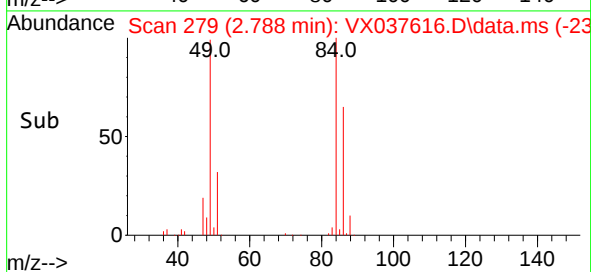
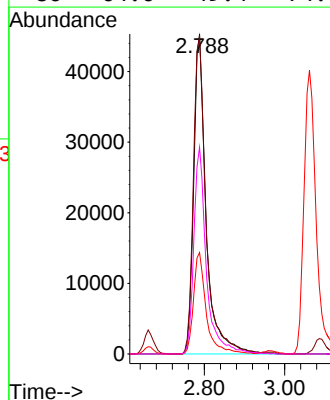
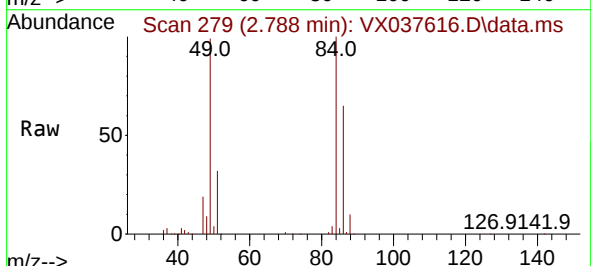
Manual Integrations
APPROVED

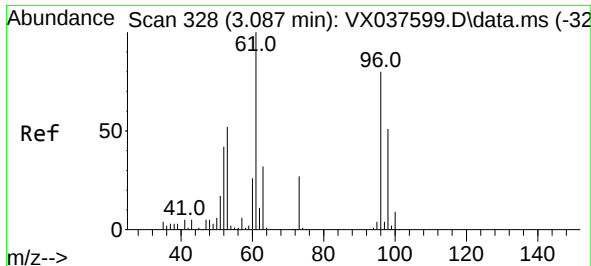
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#20
Methylene Chloride
Concen: 45.870 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

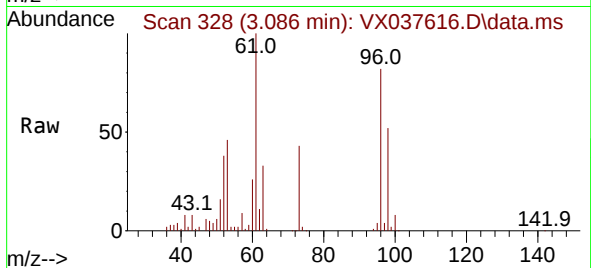
Tgt Ion: 84 Resp: 97962
Ion Ratio Lower Upper
84 100
49 99.1 103.6 155.4#
51 31.7 33.8 50.6#
86 64.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.230 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

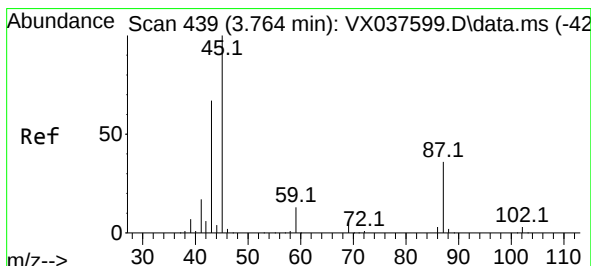
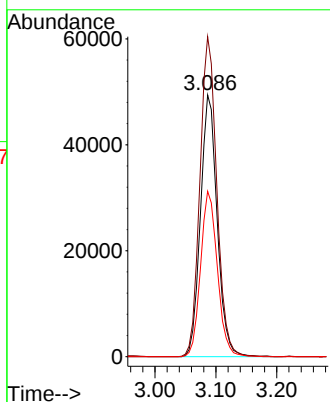
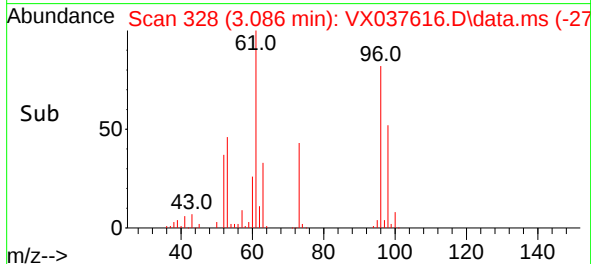
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



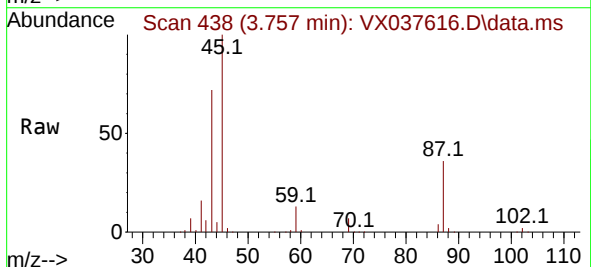
Tgt Ion: 96 Resp: 9424
Ion Ratio Lower Upper
96 100
61 122.2 119.2 178.8
98 63.2 48.7 73.1

Manual Integrations
APPROVED

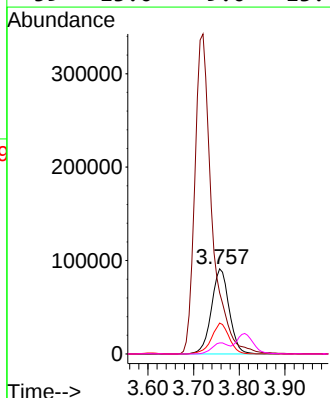
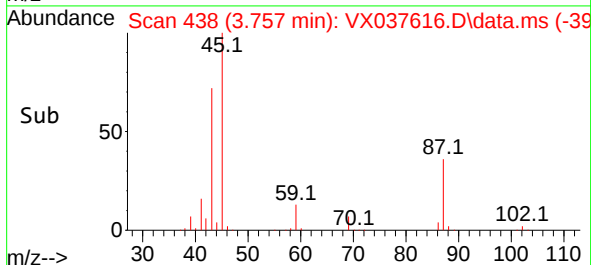
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

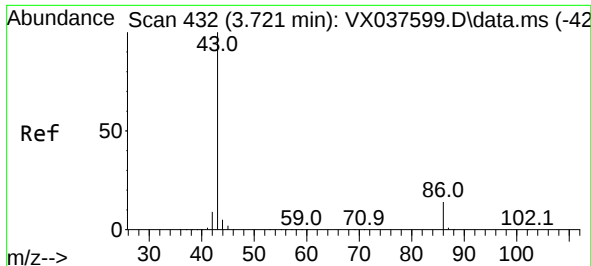


#22
Diisopropyl ether
Concen: 46.298 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26



Tgt Ion: 45 Resp: 245586
Ion Ratio Lower Upper
45 100
43 71.7 69.7 104.5
87 36.4 20.8 31.2#
59 13.0 9.0 13.4





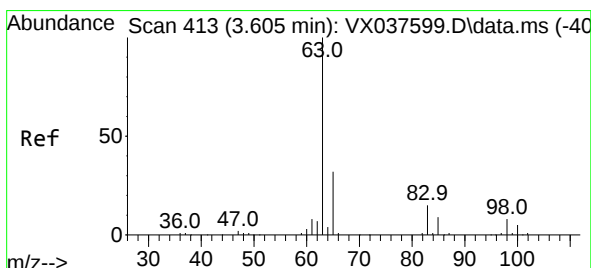
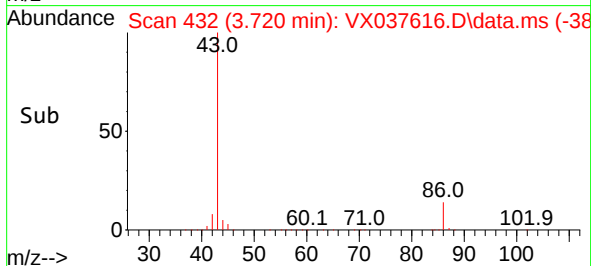
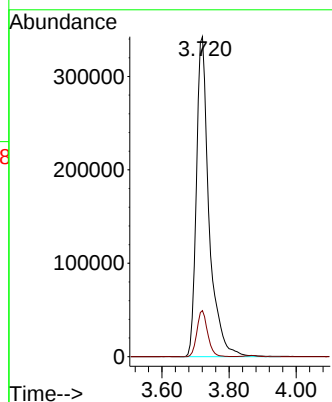
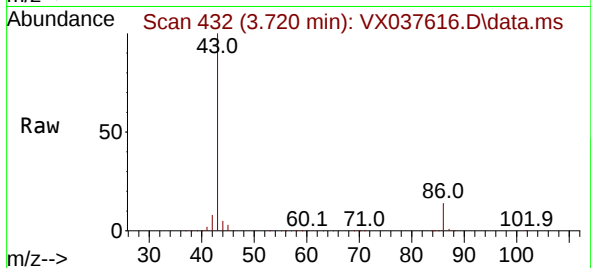
#23
 Vinyl Acetate
 Concen: 237.458 ug/l
 RT: 3.720 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037616.D
 Acq: 09 Sep 2023 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 899199
 Ion Ratio Lower Upper
 43 100
 86 14.4 7.8 11.8

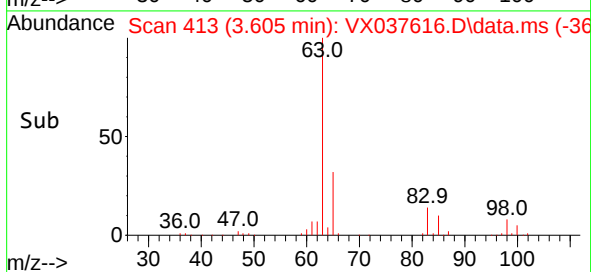
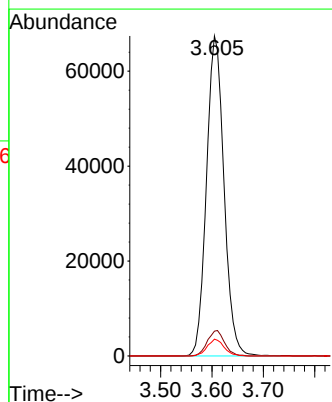
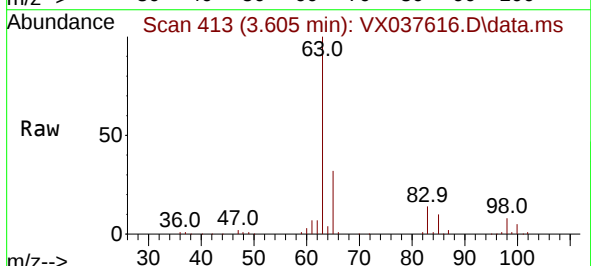
Manual Integrations
 APPROVED

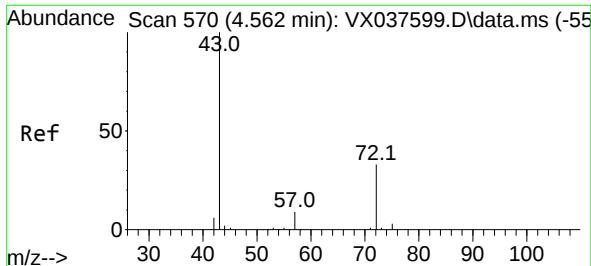
Reviewed By :John Carlone 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023



#24
 1,1-Dichloroethane
 Concen: 46.111 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037616.D
 Acq: 09 Sep 2023 10:26

Tgt Ion: 63 Resp: 159393
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 5.3 2.1 6.5





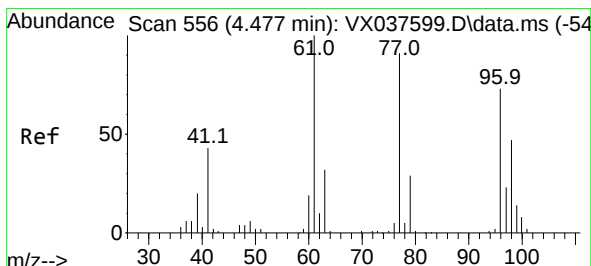
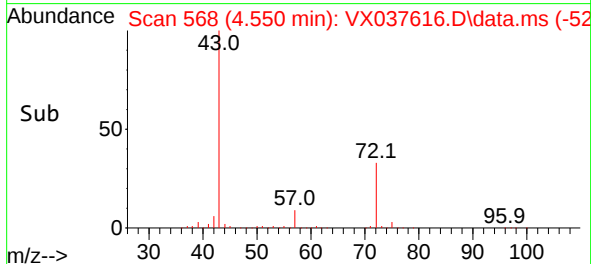
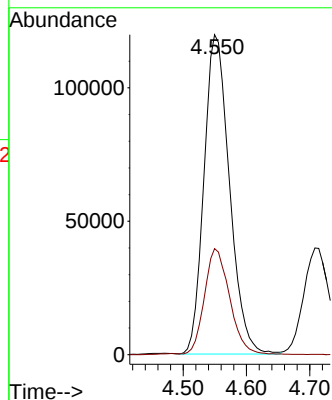
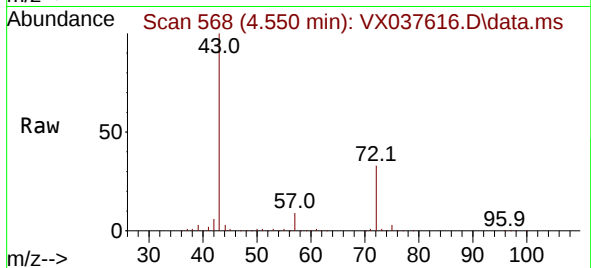
#25
2-Butanone
Concen: 239.376 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.013 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 33524
Ion Ratio Lower Upper
43 100
72 33.0 19.4 29.2

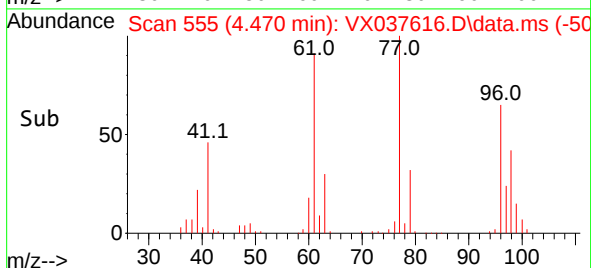
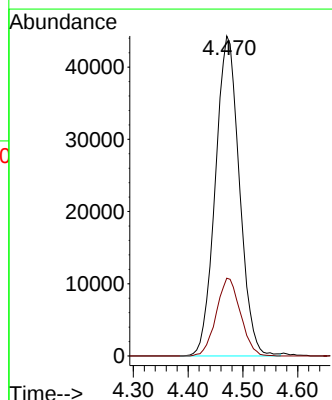
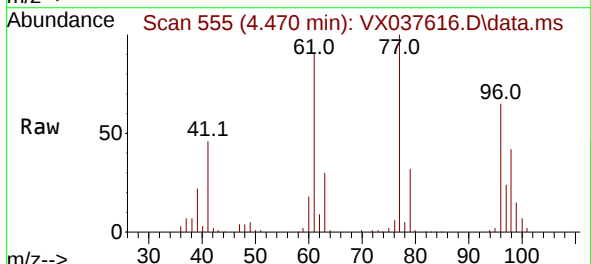
Manual Integrations
APPROVED

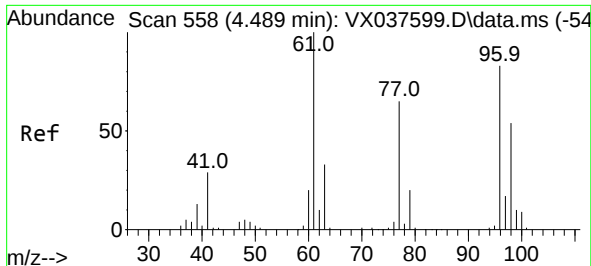
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#26
2,2-Dichloropropane
Concen: 53.030 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Tgt Ion: 77 Resp: 135137
Ion Ratio Lower Upper
77 100
97 24.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 45.814 ug/l

RT: 4.482 min Scan# 51

Delta R.T. -0.007 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 10894

Ion Ratio Lower Upper

96 100

61 129.6 0.0 312.2

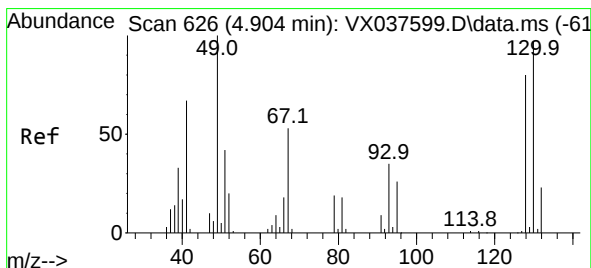
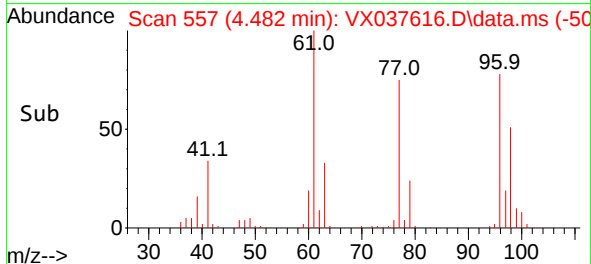
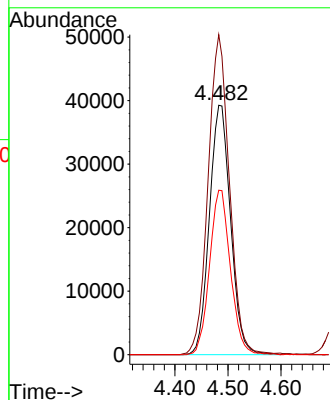
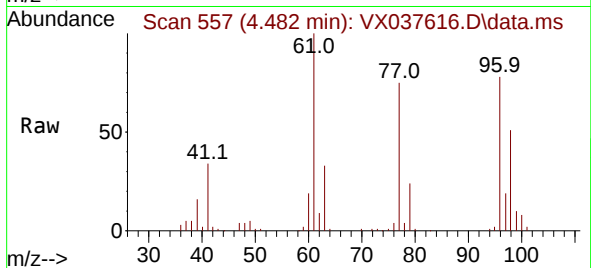
98 64.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#28

Bromochloromethane

Concen: 45.395 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.007 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

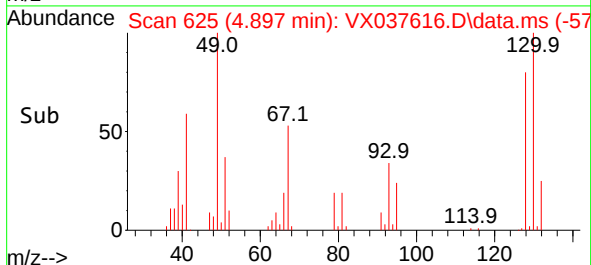
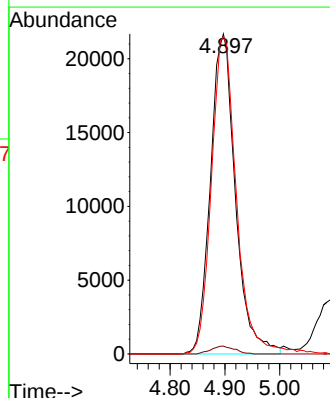
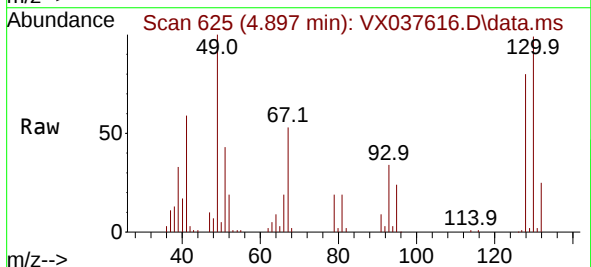
Tgt Ion: 49 Resp: 68495

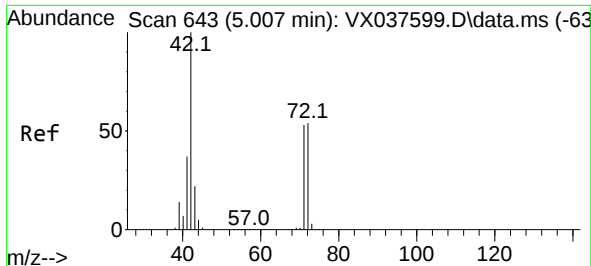
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 99.9 57.5 86.3#





#29

Tetrahydrofuran

Concen: 219.003 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.007 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 196492

Ion Ratio Lower Upper

42 100

72 55.7 34.2 51.4

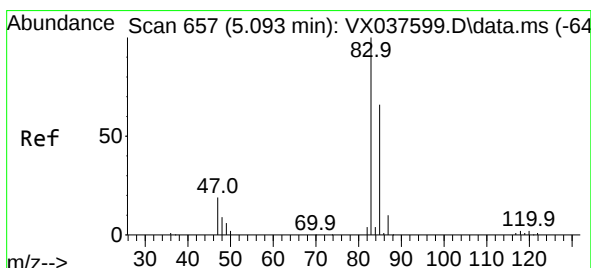
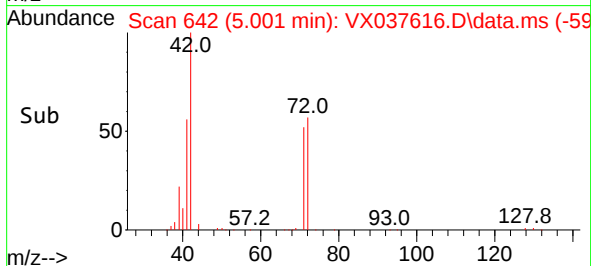
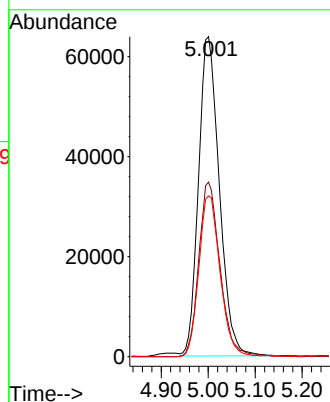
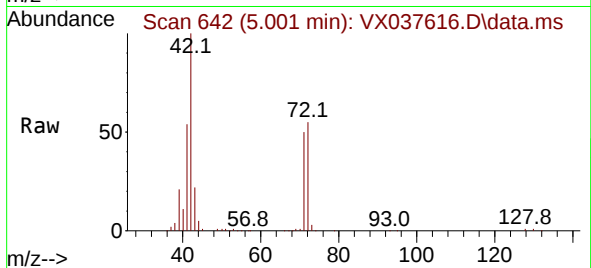
71 51.4 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#30

Chloroform

Concen: 46.314 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037616.D

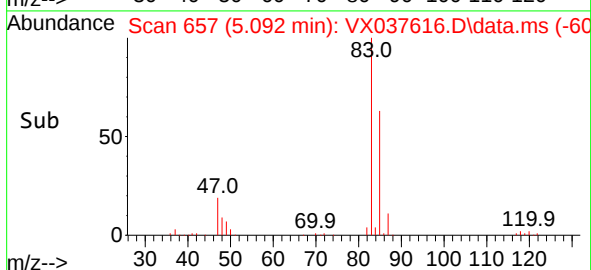
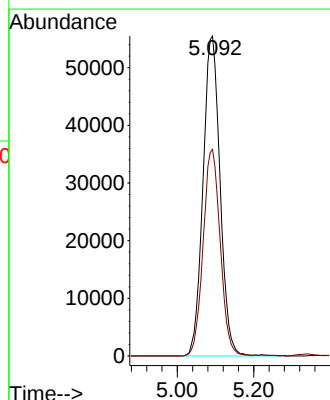
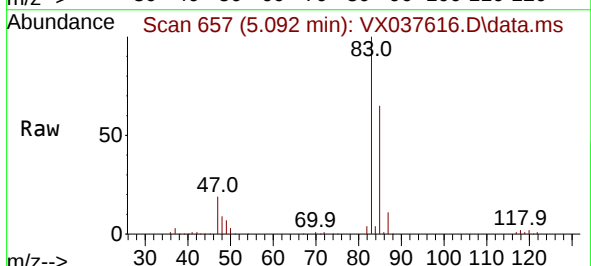
Acq: 09 Sep 2023 10:26

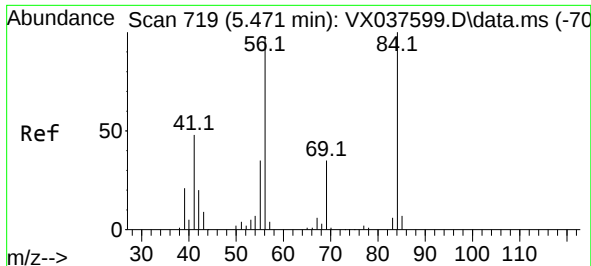
Tgt Ion: 83 Resp: 171772

Ion Ratio Lower Upper

83 100

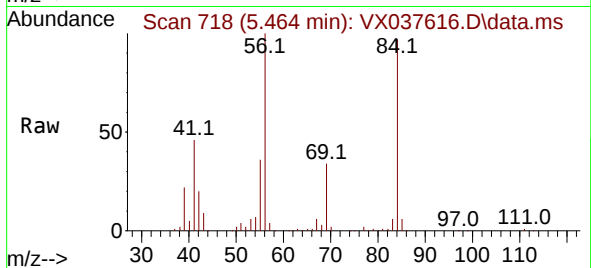
85 64.5 50.3 75.5





#31
Cyclohexane
Concen: 50.288 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

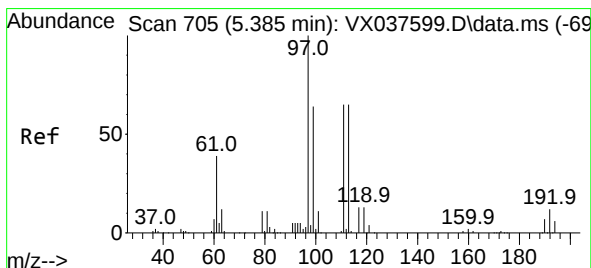
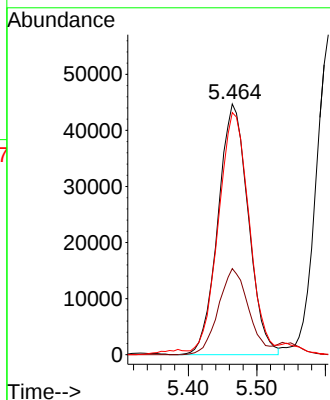
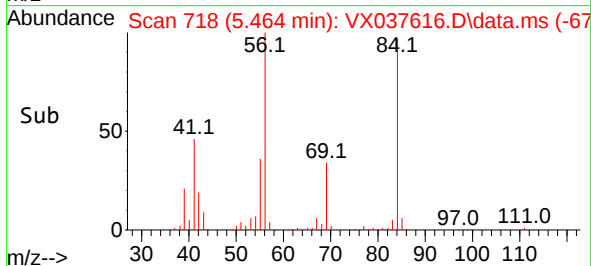
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 137399
Ion Ratio Lower Upper
56 100
69 34.3 23.4 35.2
84 94.5 65.9 98.9

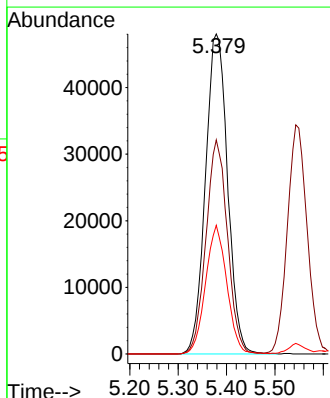
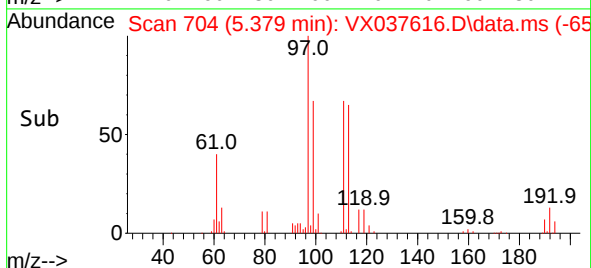
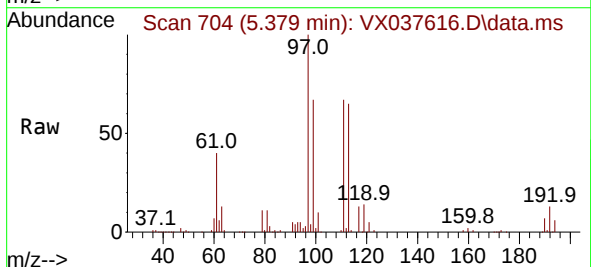
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APPROVED

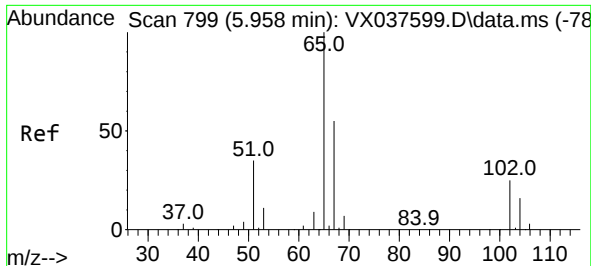
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#32
1,1,1-Trichloroethane
Concen: 47.850 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Tgt Ion: 97 Resp: 152850
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 38.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.466 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.007 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 102090

Ion Ratio Lower Upper

65 100

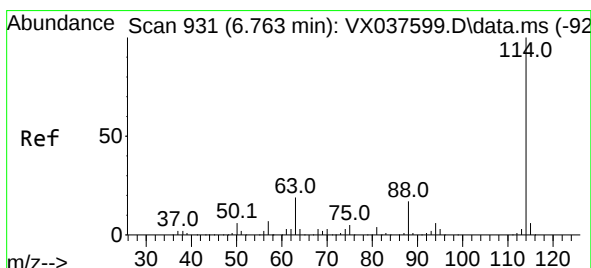
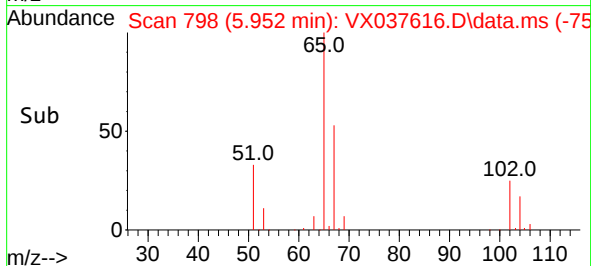
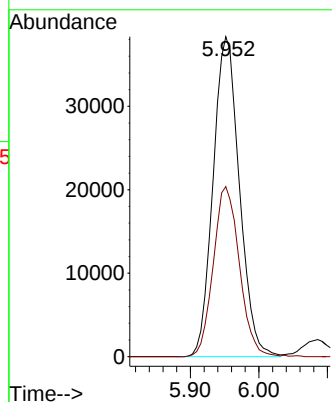
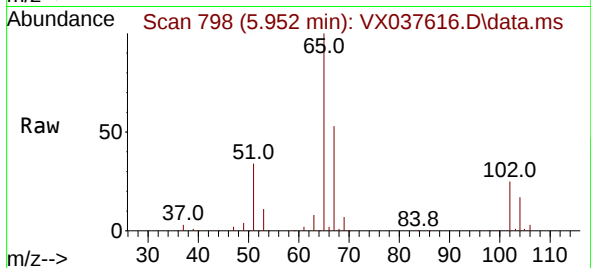
67 52.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.007 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

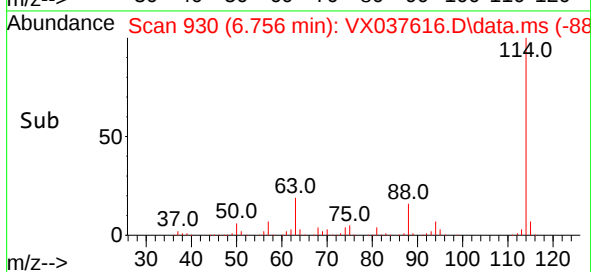
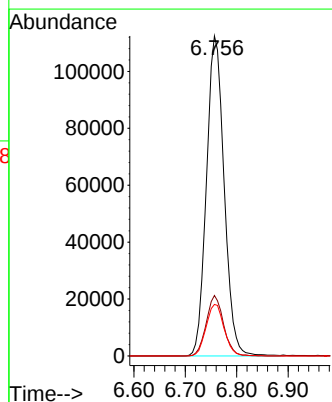
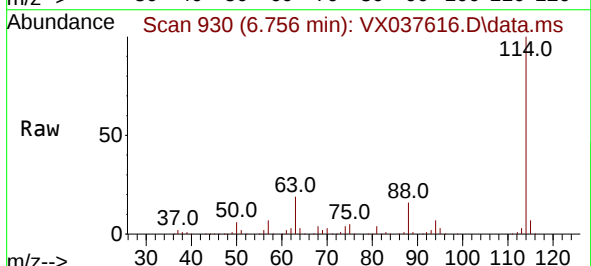
Tgt Ion:114 Resp: 268925

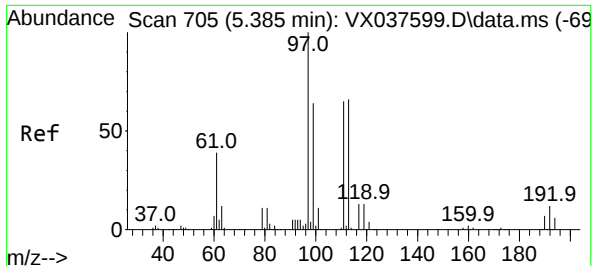
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.292 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.007 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

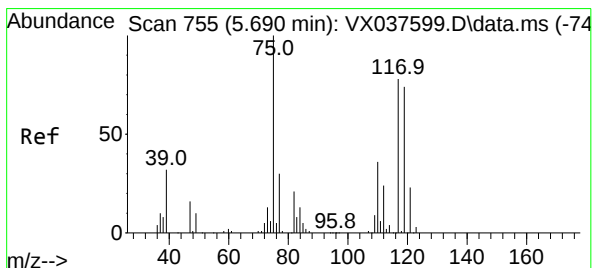
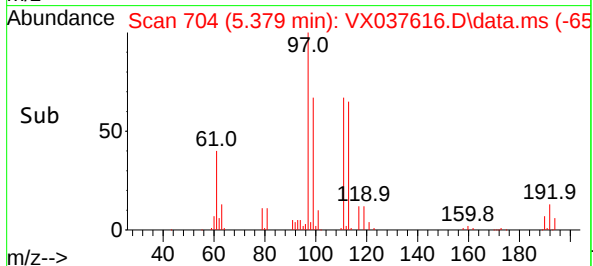
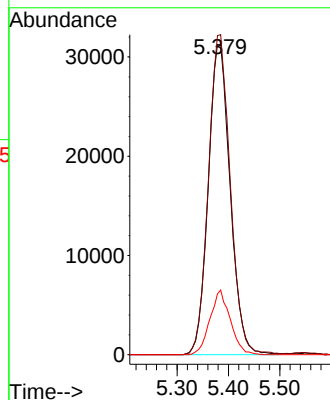
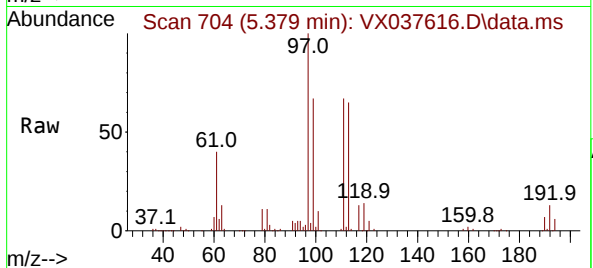
Tgt Ion:	113	Resp:	9271
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	19.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#36

1,1-Dichloropropene

Concen: 50.471 ug/l

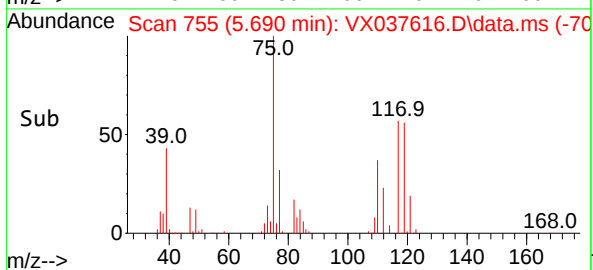
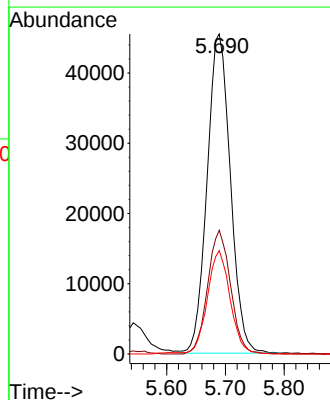
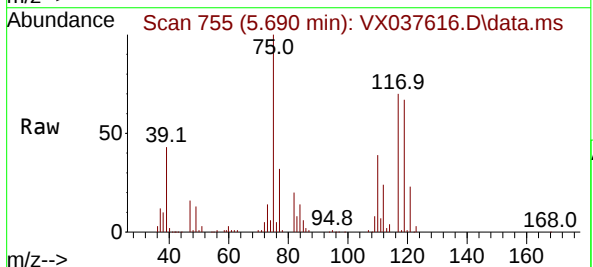
RT: 5.690 min Scan# 755

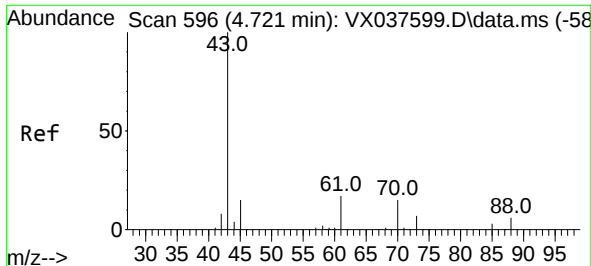
Delta R.T. -0.000 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Tgt Ion:	75	Resp:	125419
Ion	Ratio	Lower	Upper
75	100		
110	38.1	17.0	50.9
77	31.6	24.7	37.1





#37

Ethyl Acetate

Concen: 45.530 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.013 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 116004

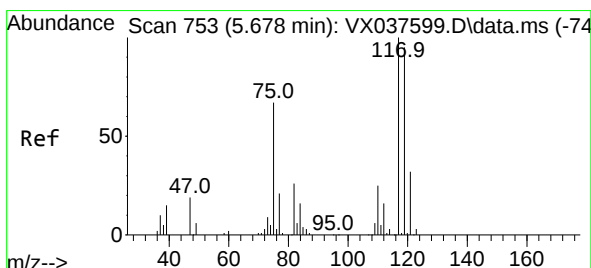
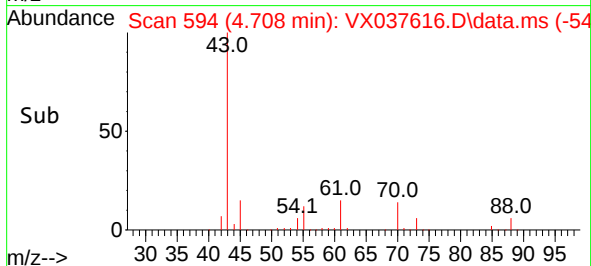
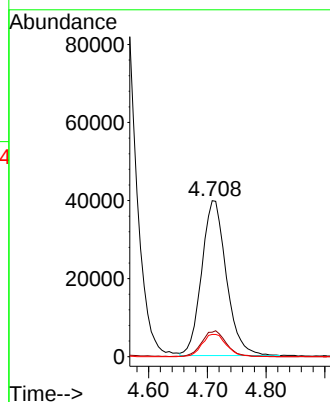
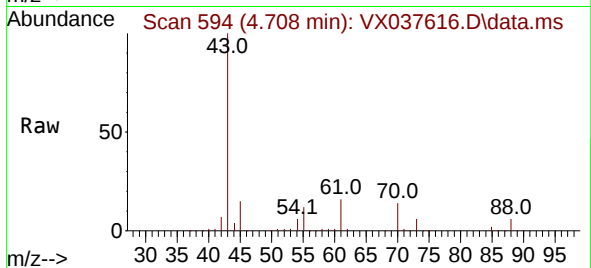
Ion	Ratio	Lower	Upper
43	100		
61	16.1	10.6	16.0
70	14.4	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#38

Carbon Tetrachloride

Concen: 53.361 ug/l

RT: 5.671 min Scan# 752

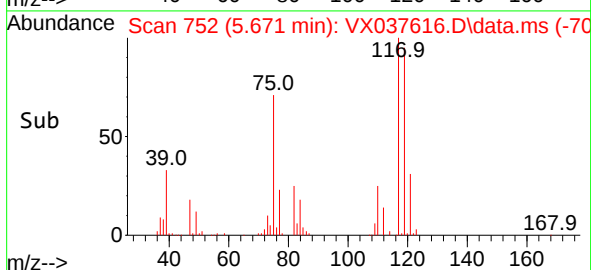
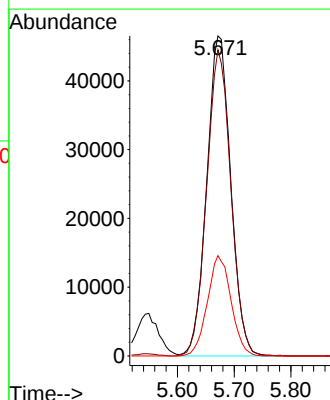
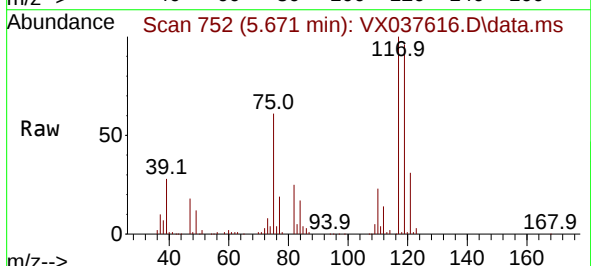
Delta R.T. -0.007 min

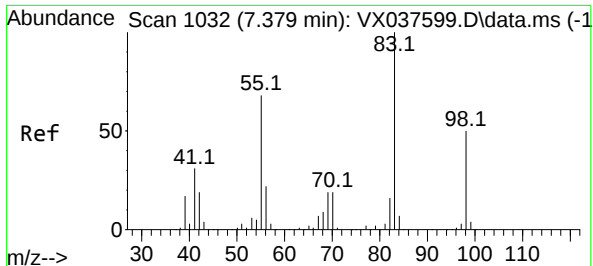
Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Tgt Ion:117 Resp: 137041

Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.2	117.2
121	31.4	24.4	36.6





#39

Methylcyclohexane

Concen: 55.176 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 16718

Ion Ratio Lower Upper

83 100

55 68.0 64.6 97.0

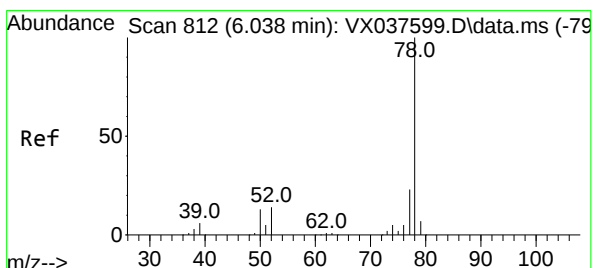
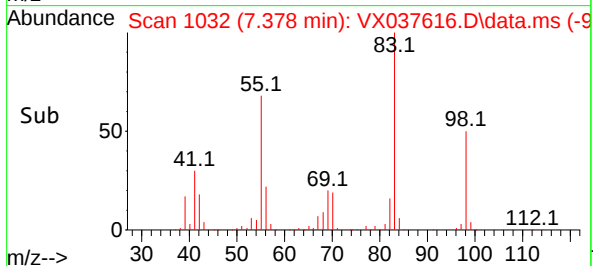
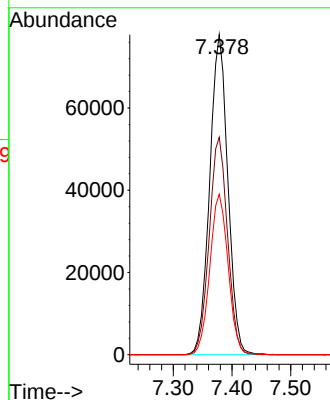
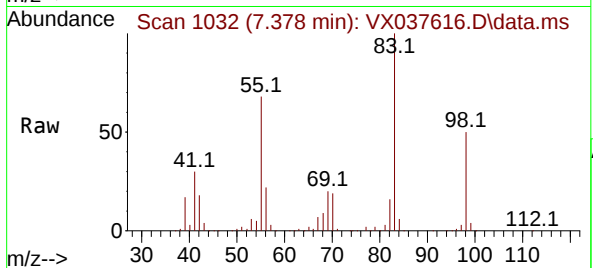
98 50.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#40

Benzene

Concen: 48.739 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX037616.D

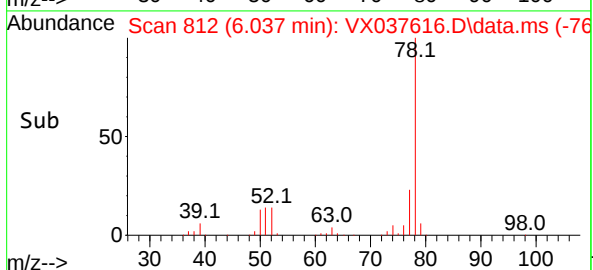
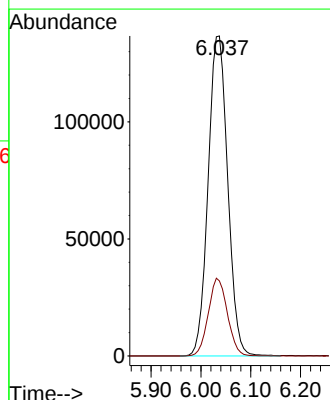
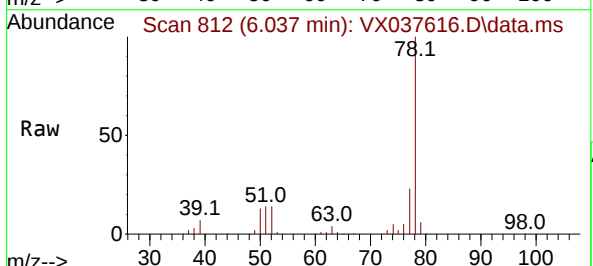
Acq: 09 Sep 2023 10:26

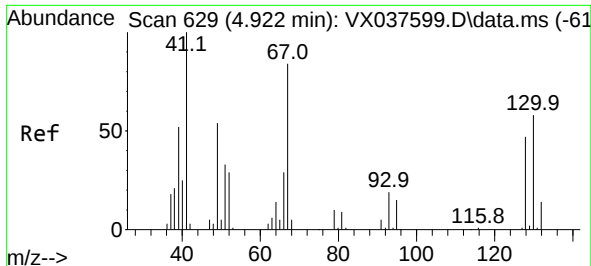
Tgt Ion: 78 Resp: 372657

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9





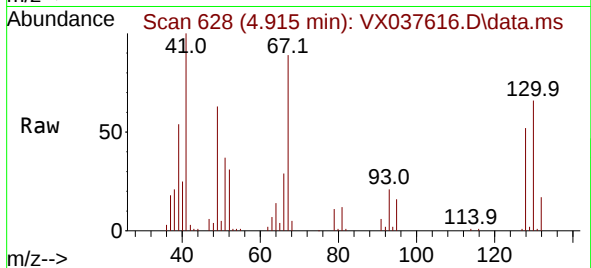
#41
Methacrylonitrile
Concen: 48.550 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



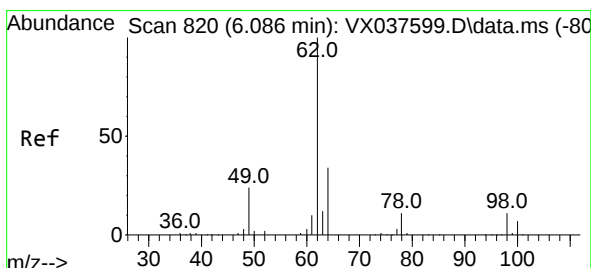
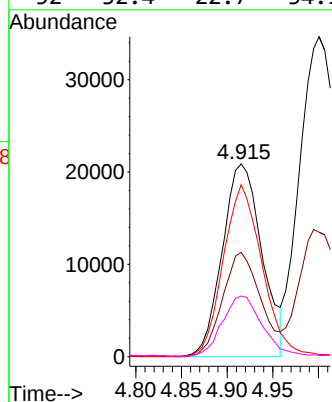
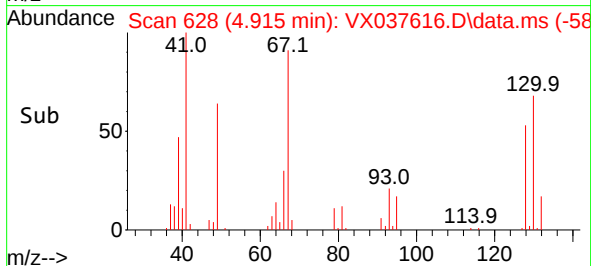
Tgt Ion: 41 Resp: 63014
Ion Ratio Lower Upper
41 100
39 52.5 45.2 67.8
67 87.8 52.6 78.8
52 32.4 22.7 34.1

Manual Integrations

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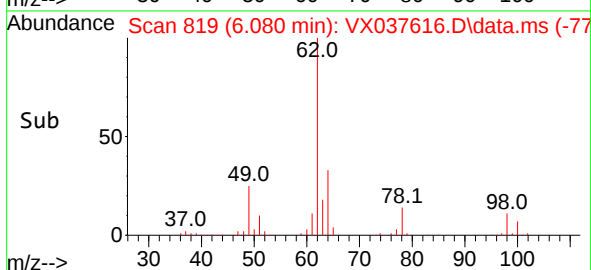
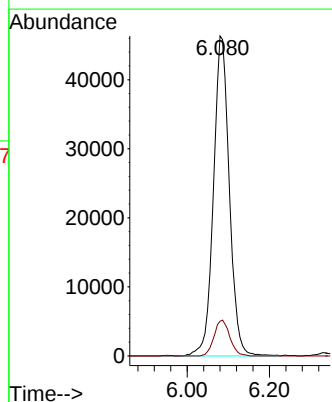
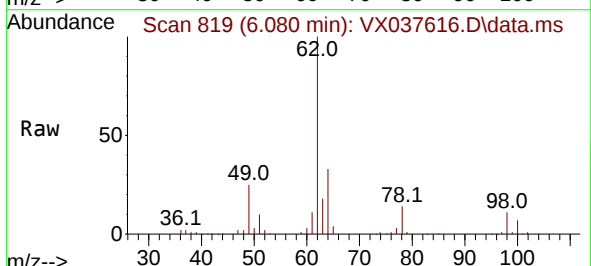
Reviewed By :John Carlone 09/11/2023

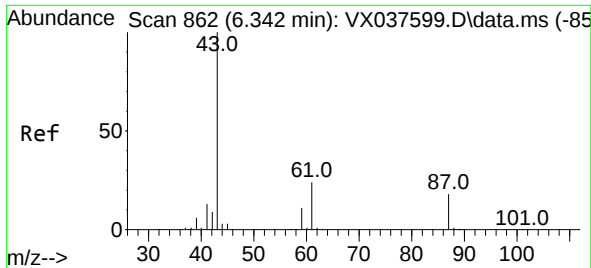
Supervised By :Mahesh Dadoda 09/11/2023



#42
1,2-Dichloroethane
Concen: 48.522 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Tgt Ion: 62 Resp: 124229
Ion Ratio Lower Upper
62 100
98 11.1 0.0 16.0





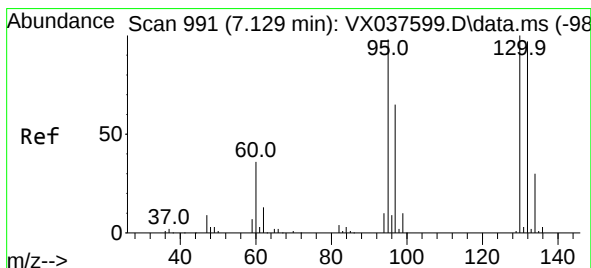
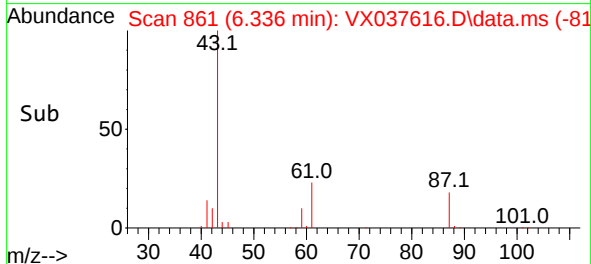
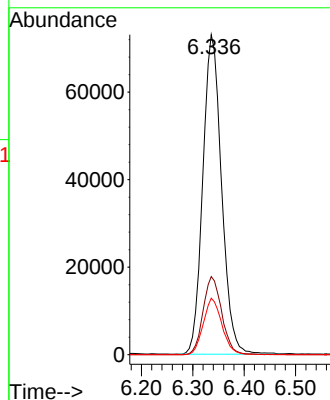
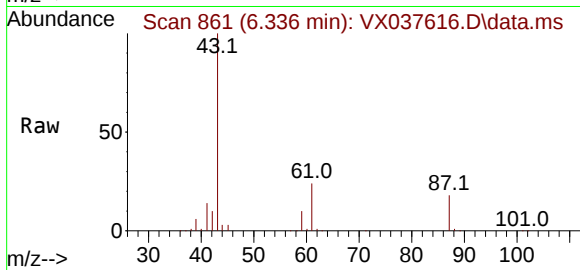
#43
Isopropyl Acetate
Concen: 48.509 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 185114
Ion Ratio Lower Upper
43 100
61 24.4 15.2 22.8
87 17.5 9.8 14.6

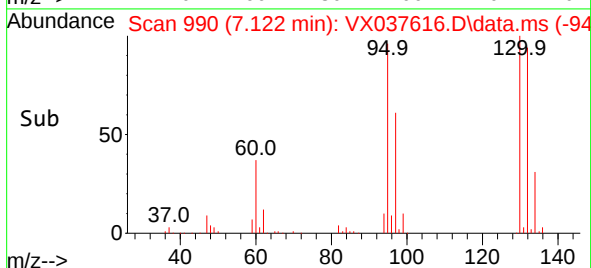
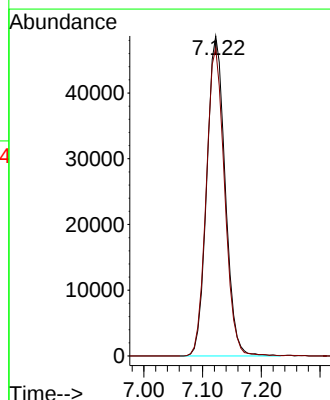
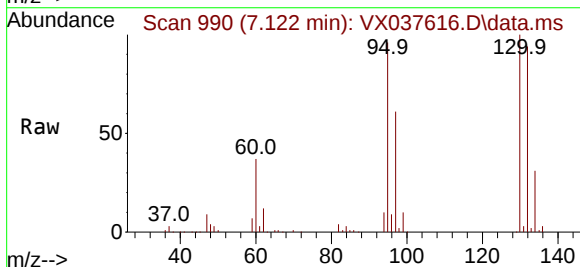
Manual Integrations
APPROVED

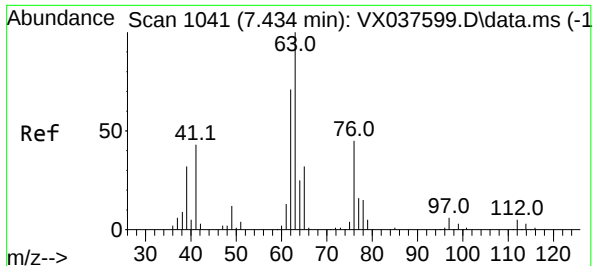
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#44
Trichloroethene
Concen: 50.243 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Tgt Ion:130 Resp: 105521
Ion Ratio Lower Upper
130 100
95 96.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 49.695 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 93052

Ion Ratio Lower Upper

63 100

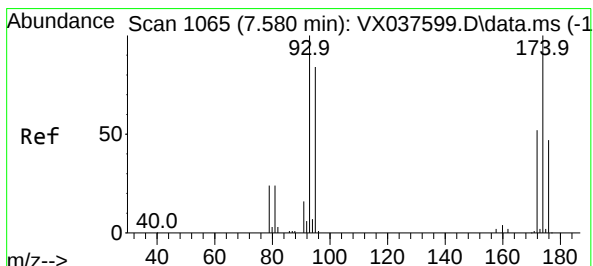
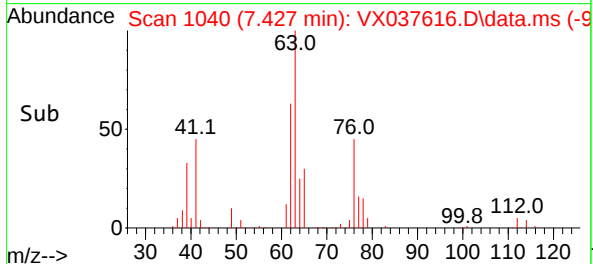
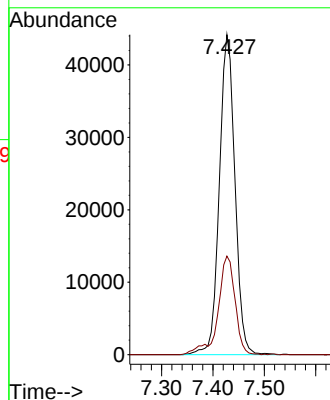
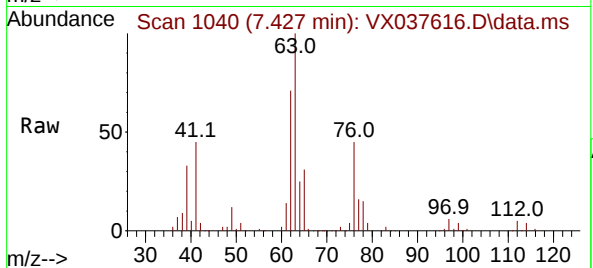
65 30.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#46

Dibromomethane

Concen: 49.548 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

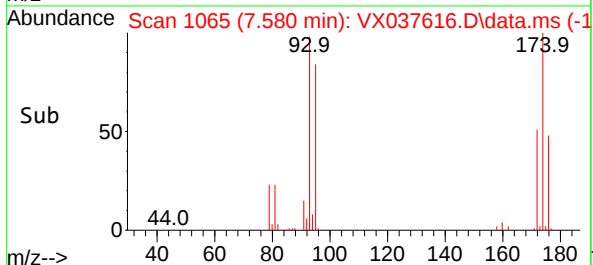
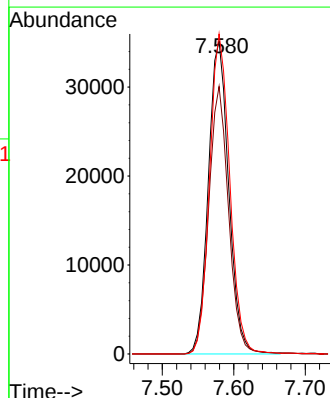
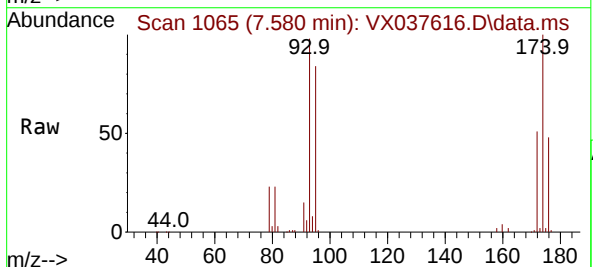
Tgt Ion: 93 Resp: 69629

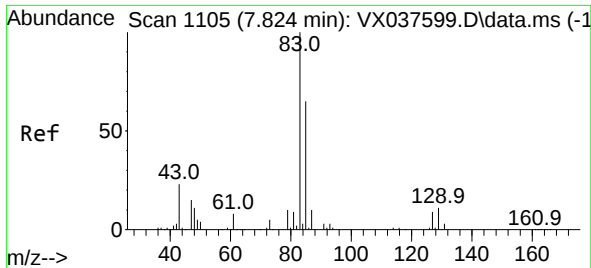
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

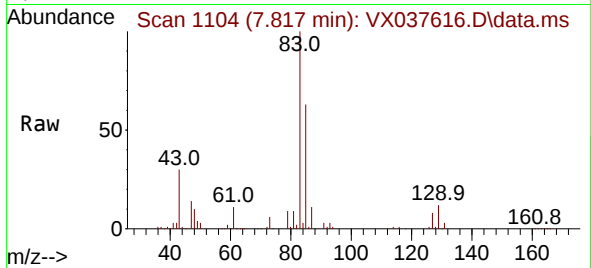
174 101.6 69.4 104.0





#47
Bromodichloromethane
Concen: 51.636 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

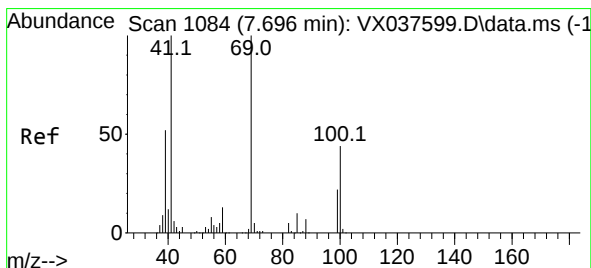
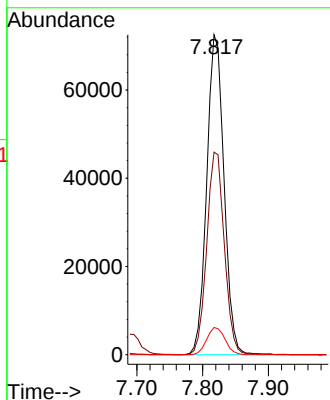
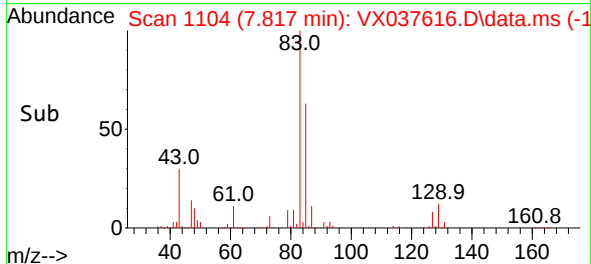
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 13259
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.6
127 8.5 7.1 10.7

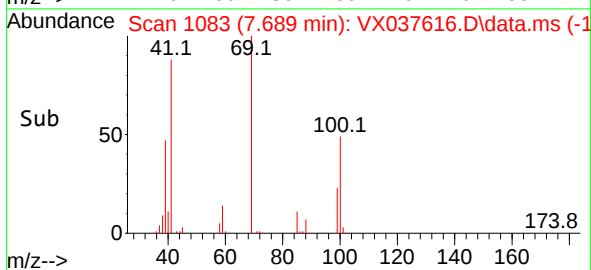
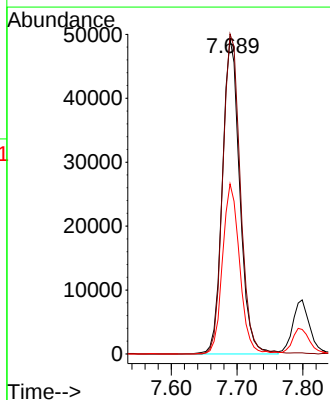
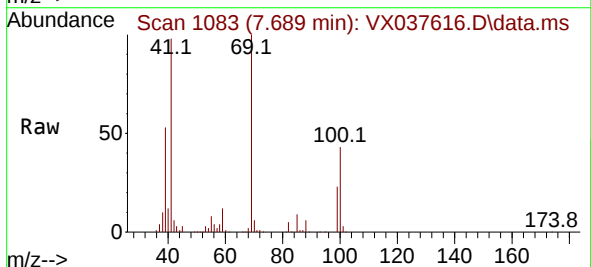
Manual Integrations
APPROVED

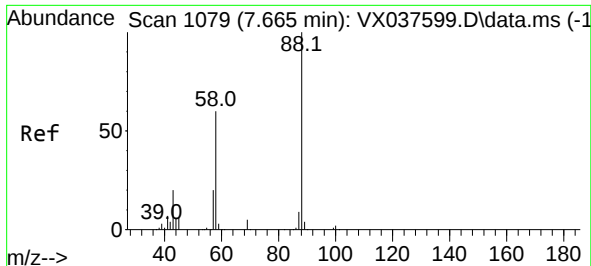
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#48
Methyl methacrylate
Concen: 49.739 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Tgt Ion: 41 Resp: 90845
Ion Ratio Lower Upper
41 100
69 102.6 59.2 88.8#
39 53.0 47.7 71.5





#49

1,4-Dioxane

Concen: 892.122 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.007 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

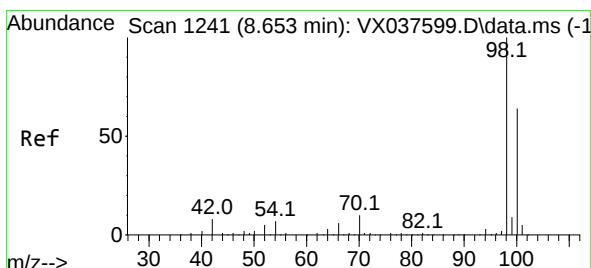
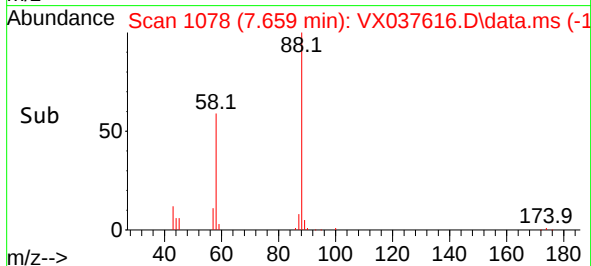
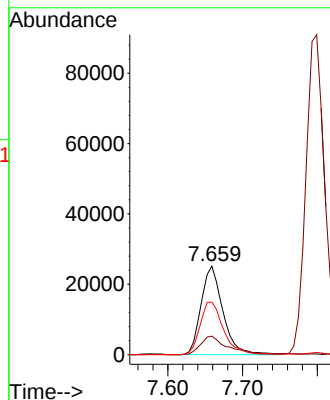
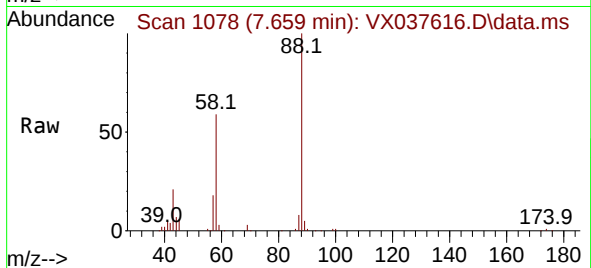
Tgt Ion: 88 Resp: 51124
 Ion Ratio Lower Upper
 88 100
 43 25.6 0.0 0.0
 58 64.1 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#50

Toluene-d8

Concen: 49.792 ug/l

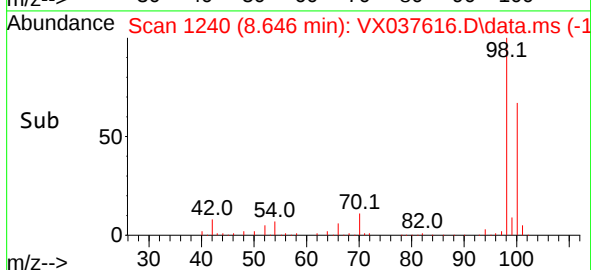
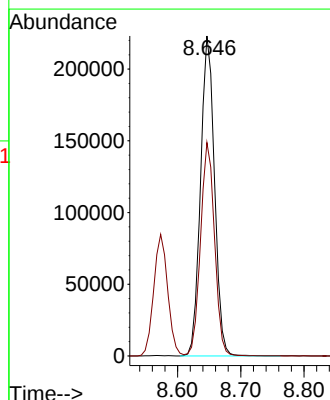
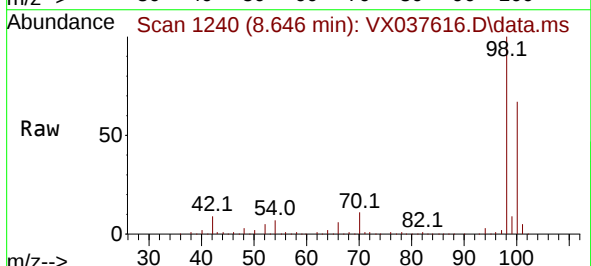
RT: 8.646 min Scan# 1240

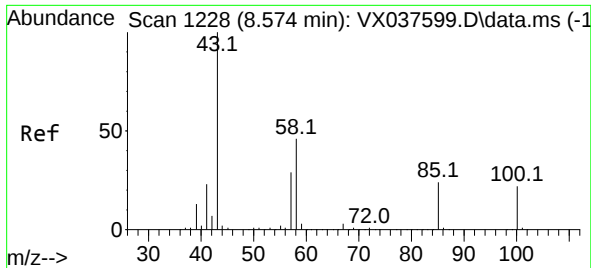
Delta R.T. -0.007 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

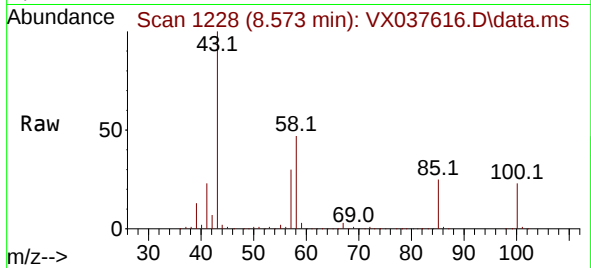
Tgt Ion: 98 Resp: 343506
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 242.796 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

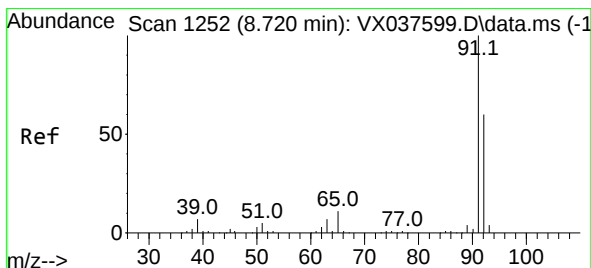
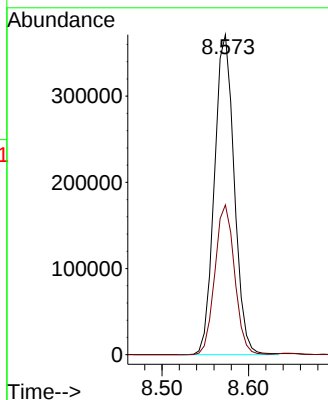
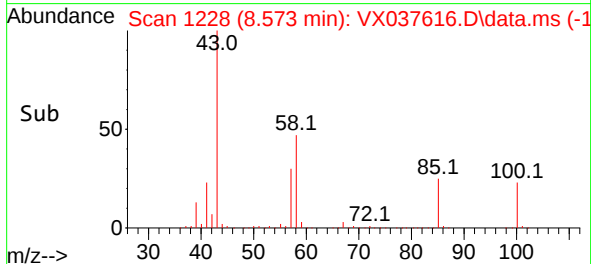
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 589264
Ion Ratio Lower Upper
43 100
58 46.6 30.4 45.6

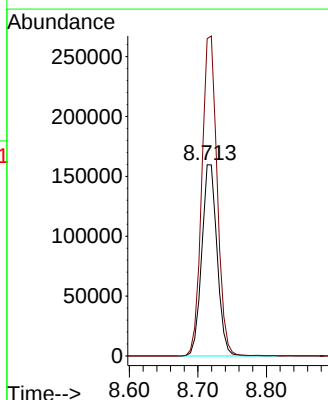
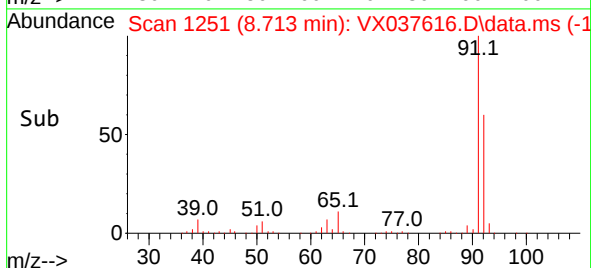
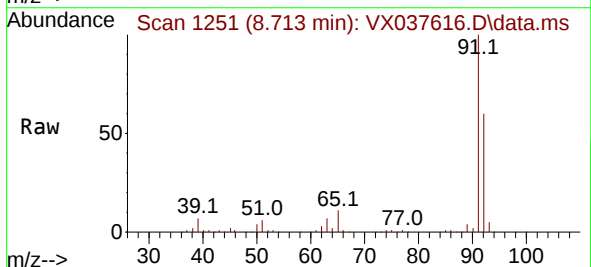
Manual Integrations
APPROVED

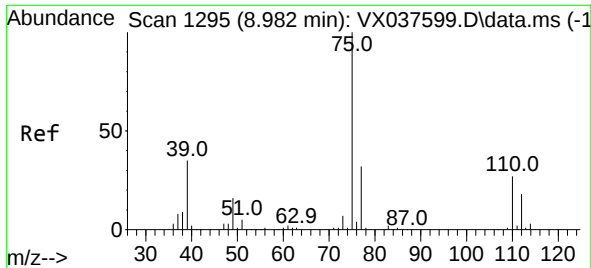
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#52
Toluene
Concen: 50.056 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Tgt Ion: 92 Resp: 248584
Ion Ratio Lower Upper
92 100
91 168.2 134.2 201.2





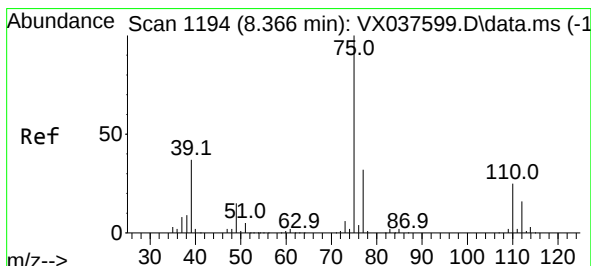
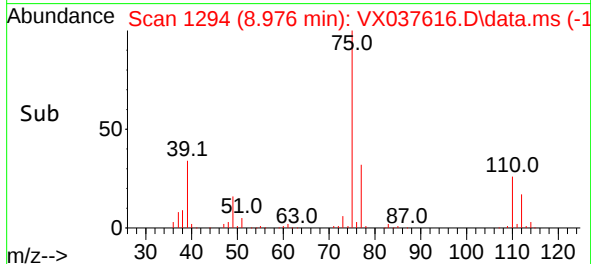
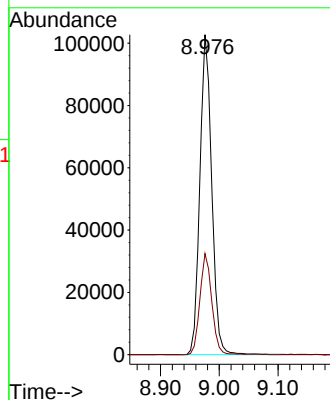
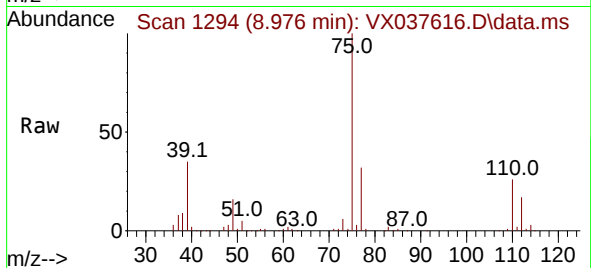
#53
t-1,3-Dichloropropene
Concen: 54.093 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 144230
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

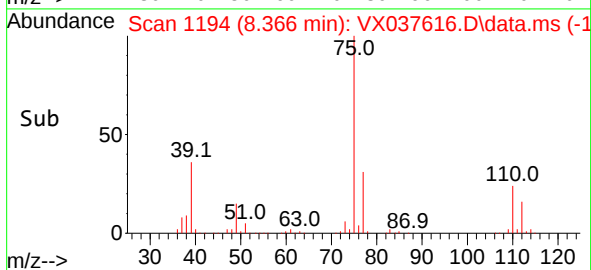
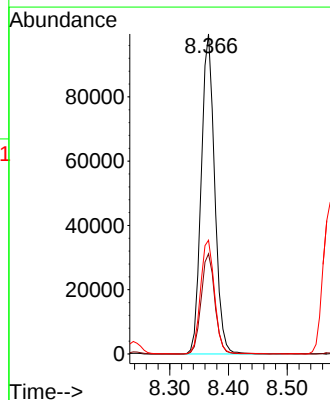
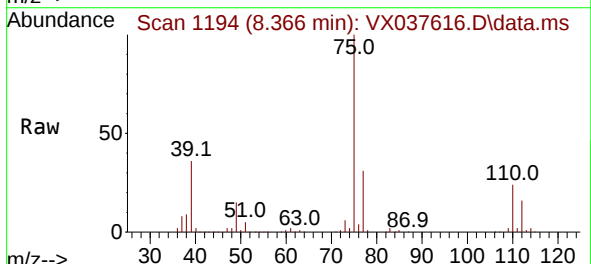
Manual Integrations
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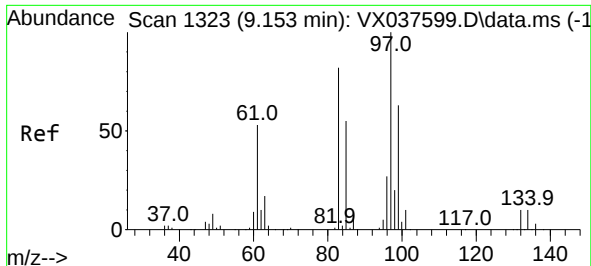
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#54
cis-1,3-Dichloropropene
Concen: 53.404 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

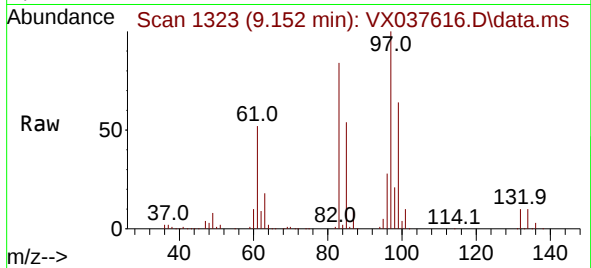
Tgt Ion: 75 Resp: 158427
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
39 35.6 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 49.629 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

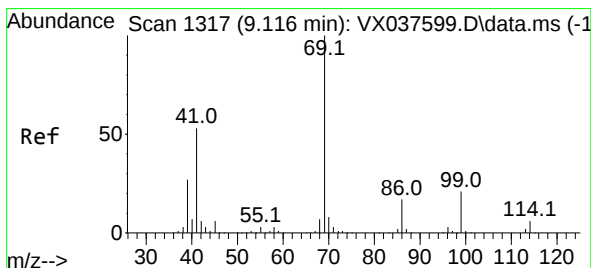
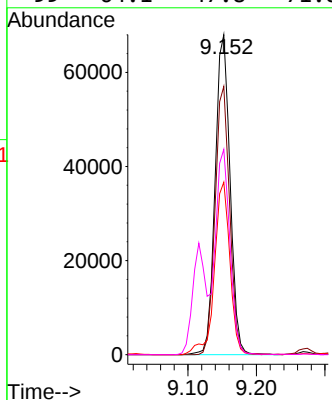
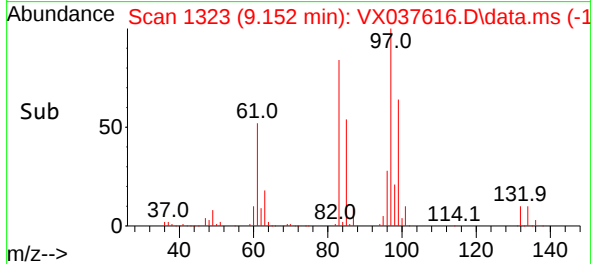
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



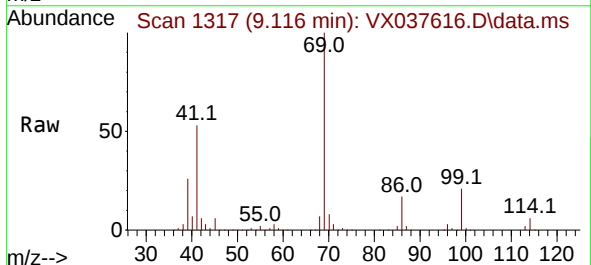
Tgt Ion: 97 Resp: 102474
Ion Ratio Lower Upper
97 100
83 83.8 65.8 98.8
85 53.9 41.6 62.4
99 64.1 47.8 71.8

Manual Integrations
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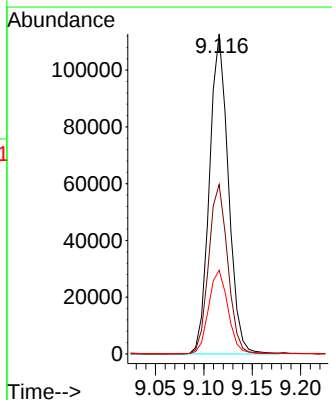
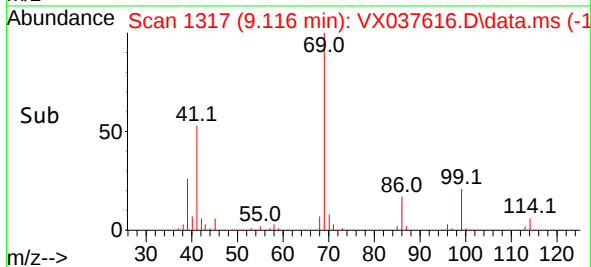
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

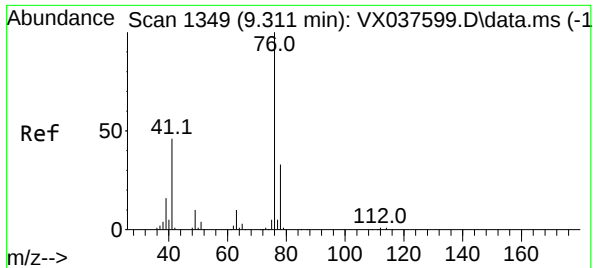


#56
Ethyl methacrylate
Concen: 51.025 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26



Tgt Ion: 69 Resp: 153510
Ion Ratio Lower Upper
69 100
41 53.9 56.8 85.2#
39 26.7 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 48.321 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.007 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 166279

Ion Ratio Lower Upper

76 100

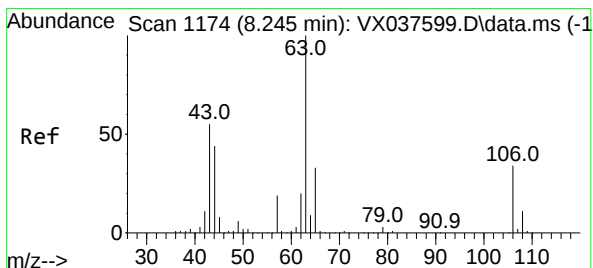
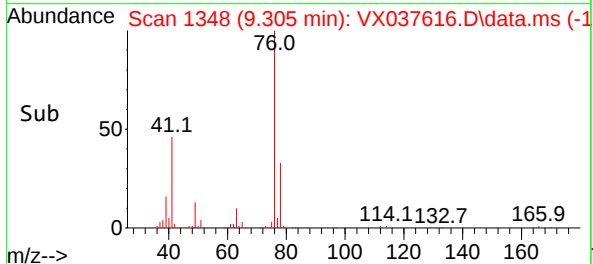
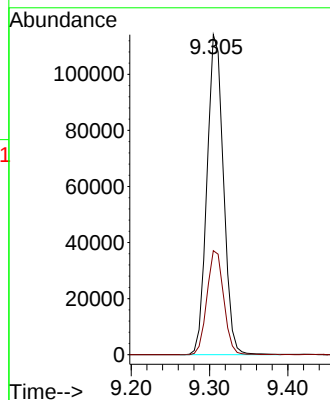
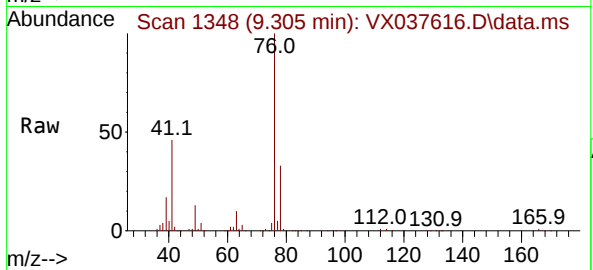
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 245.112 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.007 min

Lab File: VX037616.D

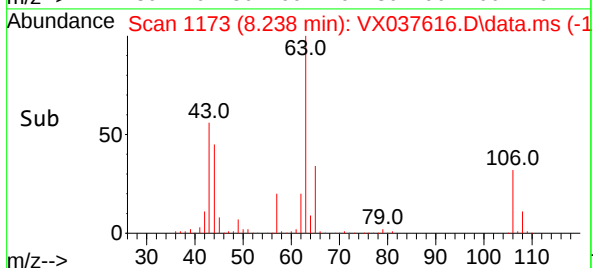
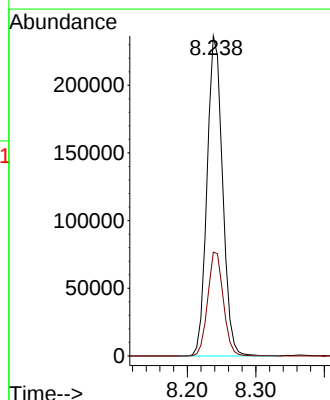
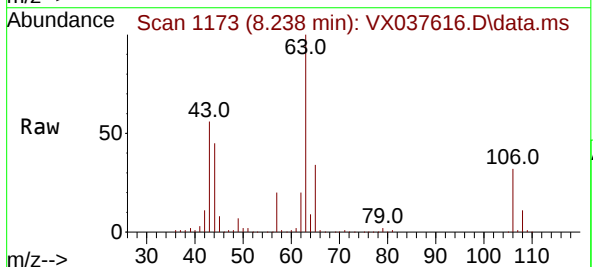
Acq: 09 Sep 2023 10:26

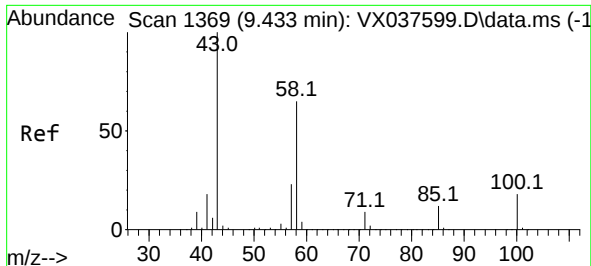
Tgt Ion: 63 Resp: 373098

Ion Ratio Lower Upper

63 100

106 32.7 22.5 33.7





#59

2-Hexanone

Concen: 262.473 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.007 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 485854

Ion Ratio Lower Upper

43 100

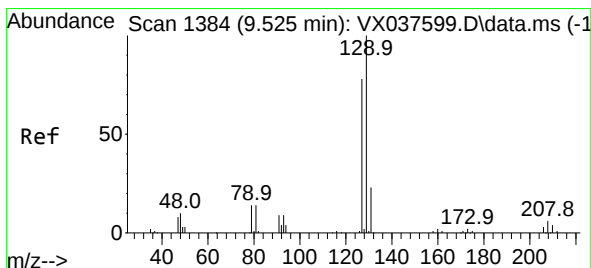
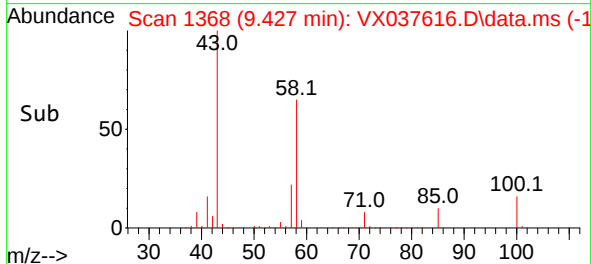
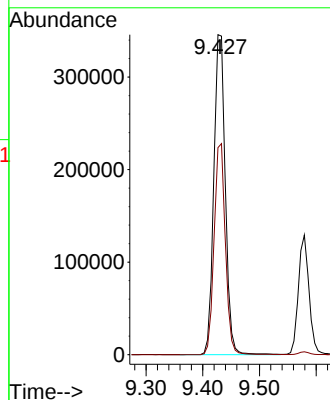
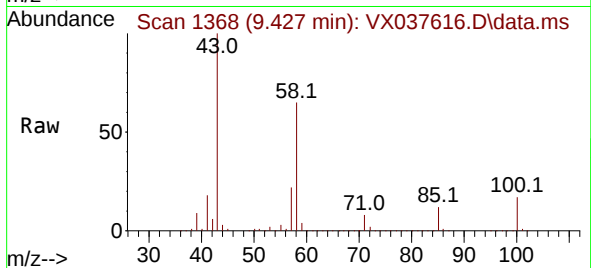
58 64.8 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#60

Dibromochloromethane

Concen: 53.243 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.007 min

Lab File: VX037616.D

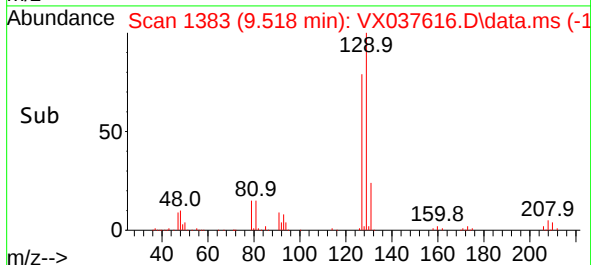
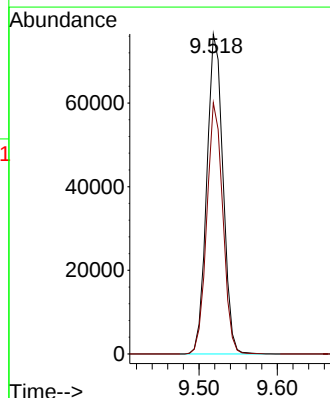
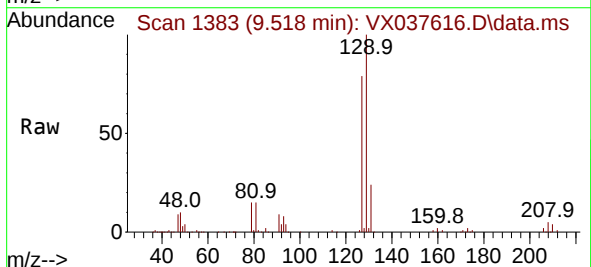
Acq: 09 Sep 2023 10:26

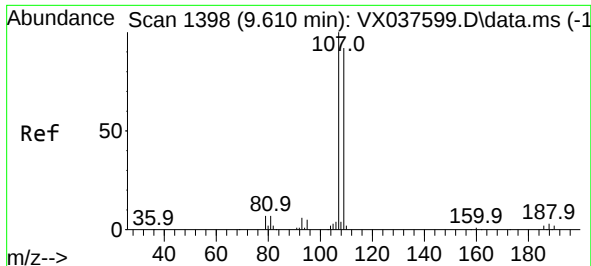
Tgt Ion:129 Resp: 109462

Ion Ratio Lower Upper

129 100

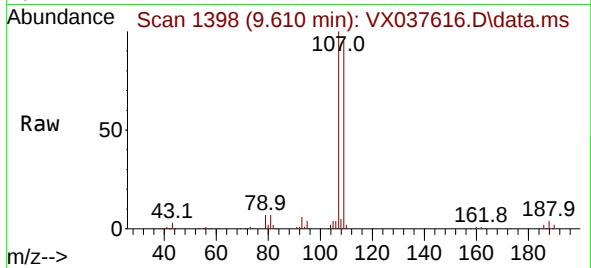
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.541 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

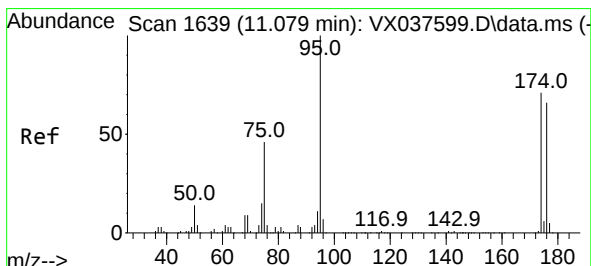
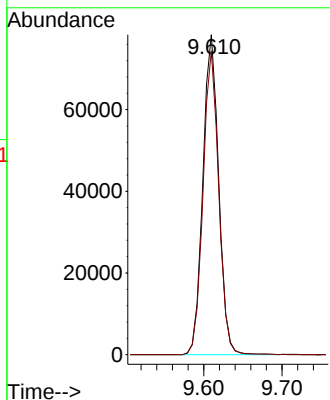
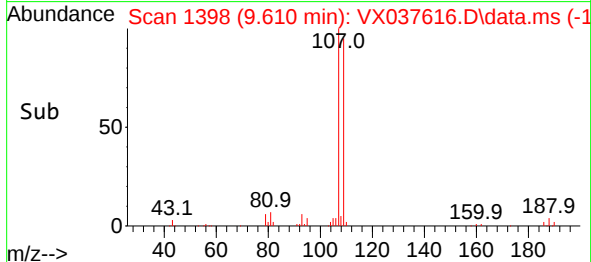
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



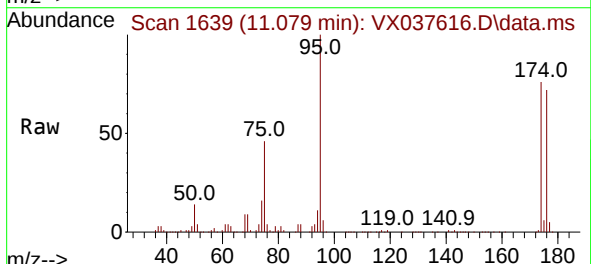
Tgt Ion:107 Resp: 10954
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8

Manual Integrations
APPROVED

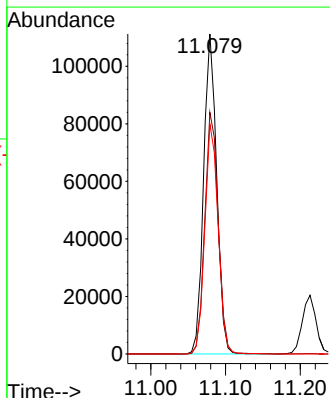
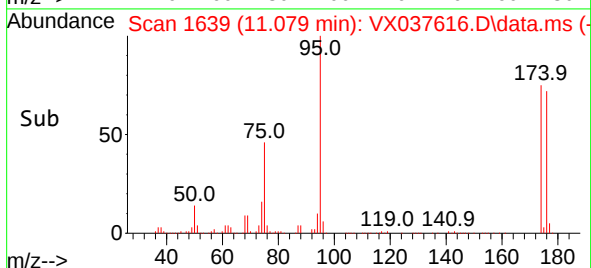
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

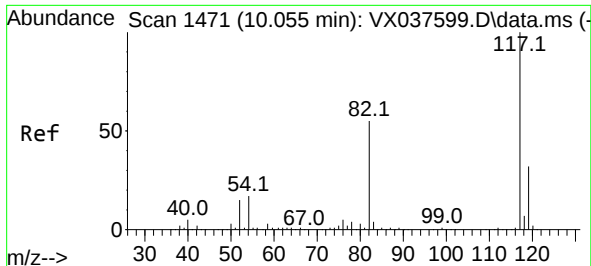


#62
4-Bromofluorobenzene
Concen: 51.952 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26



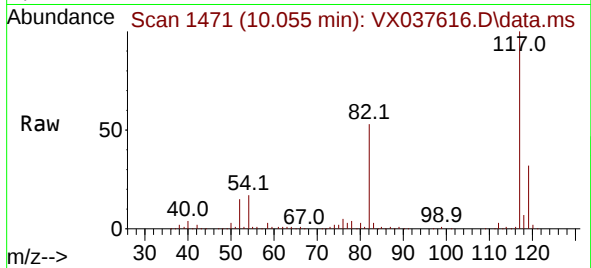
Tgt Ion: 95 Resp: 135080
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 73.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

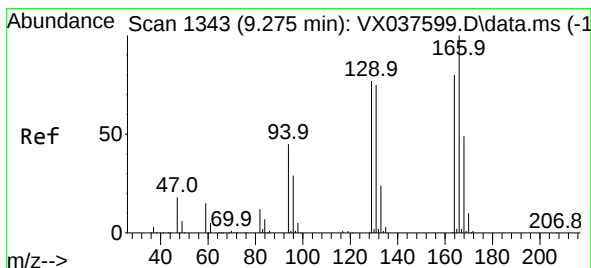
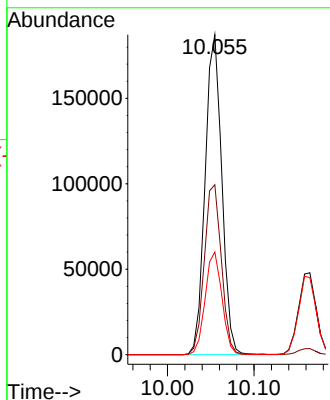
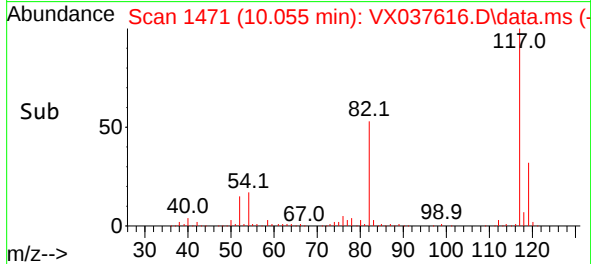
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 250758
Ion Ratio Lower Upper
117 100
82 53.1 46.2 69.4
119 32.1 25.5 38.3

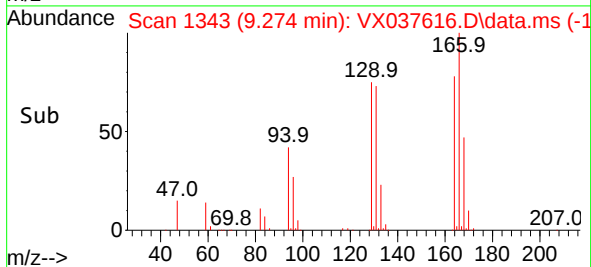
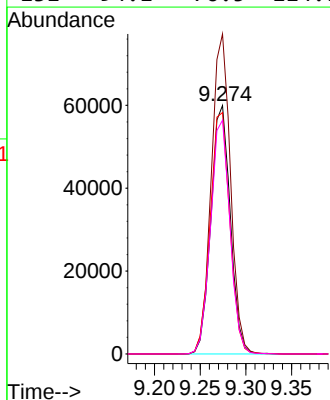
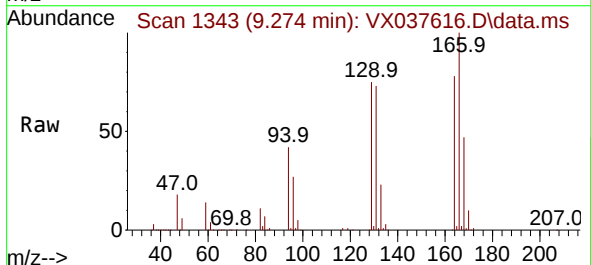
Manual Integrations
APPROVED

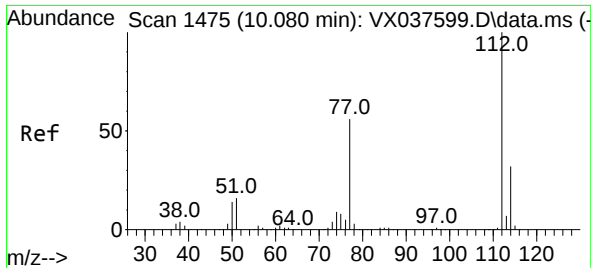
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#64
Tetrachloroethene
Concen: 50.134 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

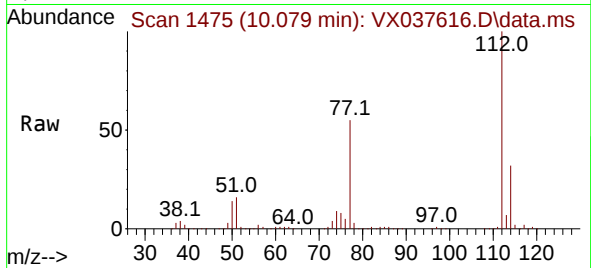
Tgt Ion:164 Resp: 88032
Ion Ratio Lower Upper
164 100
166 128.8 102.7 154.1
129 97.2 80.4 120.6
131 94.1 76.5 114.7





#65
Chlorobenzene
Concen: 49.307 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

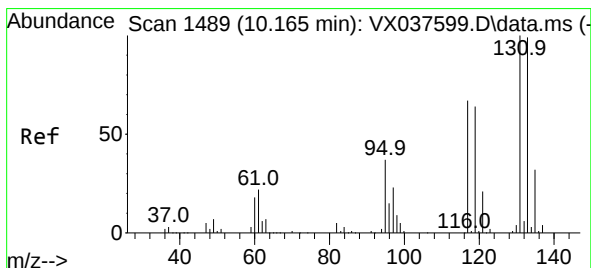
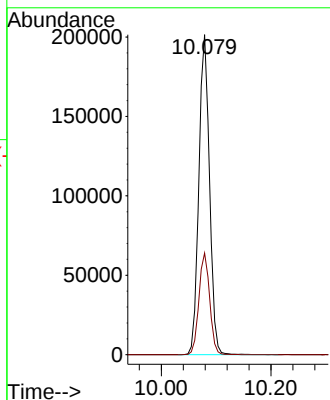
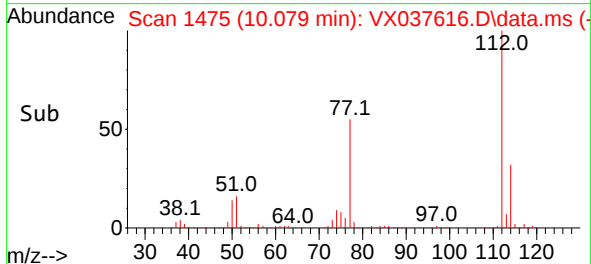
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



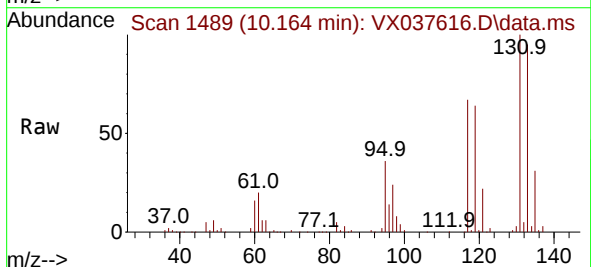
Tgt Ion:112 Resp: 271640
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

Manual Integrations
APPROVED

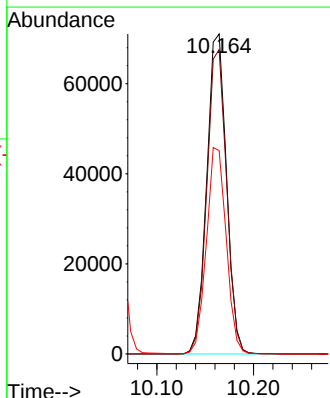
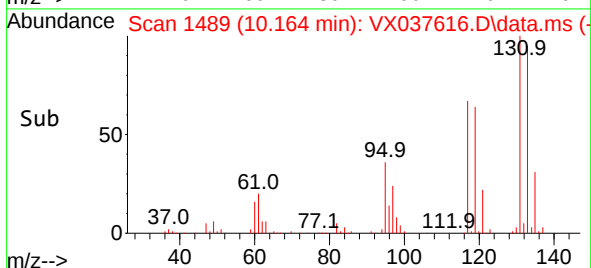
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

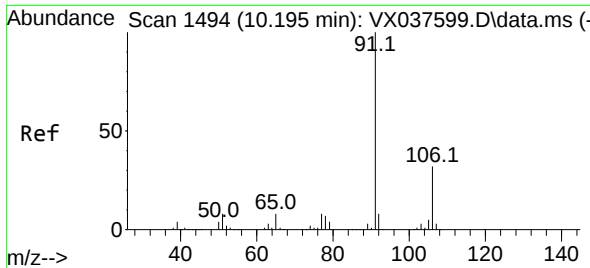


#66
1,1,1,2-Tetrachloroethane
Concen: 51.684 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26



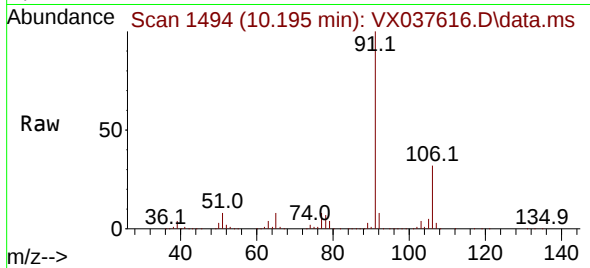
Tgt Ion:131 Resp: 100912
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 64.7 32.2 96.6





#67
Ethyl Benzene
Concen: 51.476 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

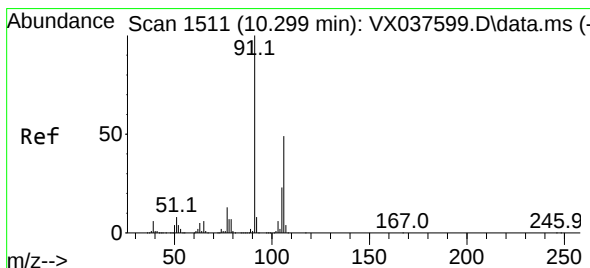
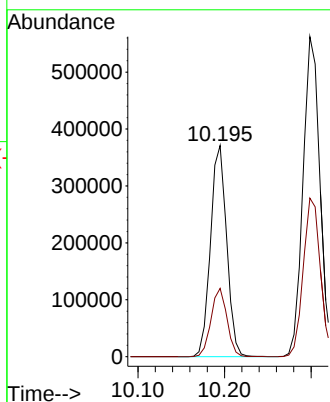
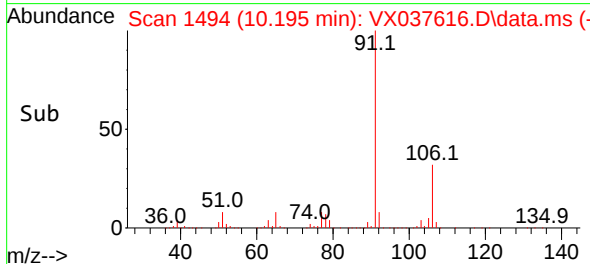
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



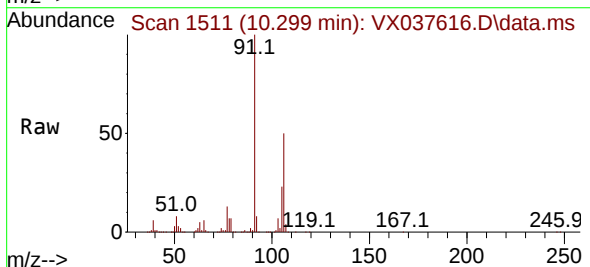
Tgt Ion: 91 Resp: 48206
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3

Manual Integrations
APPROVED

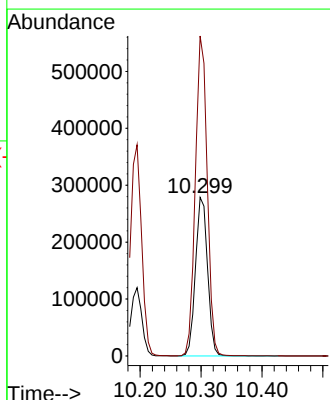
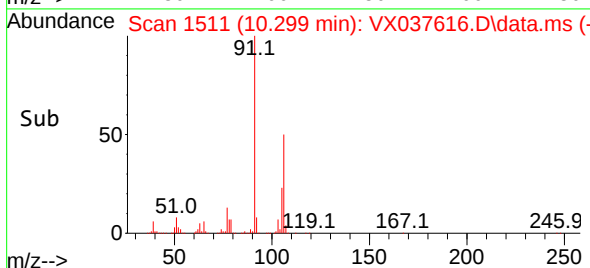
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

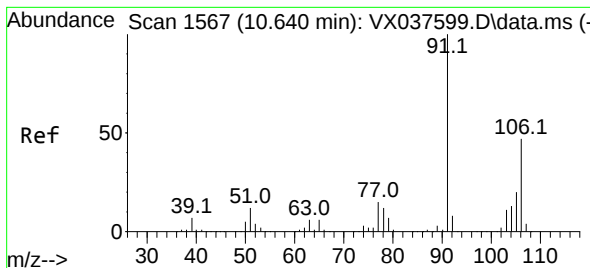


#68
m/p-Xylenes
Concen: 103.861 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26



Tgt Ion:106 Resp: 382612
Ion Ratio Lower Upper
106 100
91 198.9 165.5 248.3





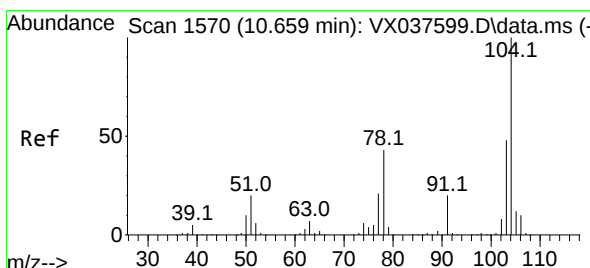
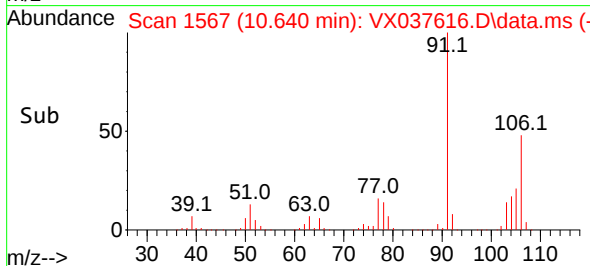
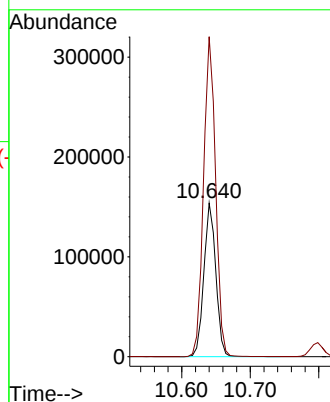
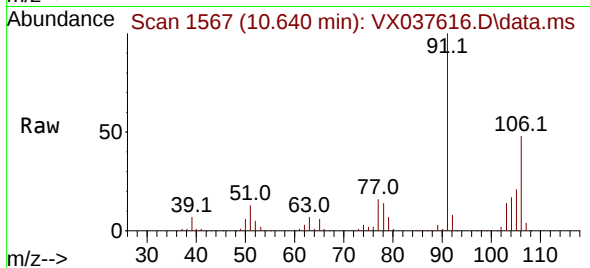
#69
o-Xylene
Concen: 50.988 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 18676
Ion Ratio Lower Upper
106 100
91 210.5 108.9 326.8

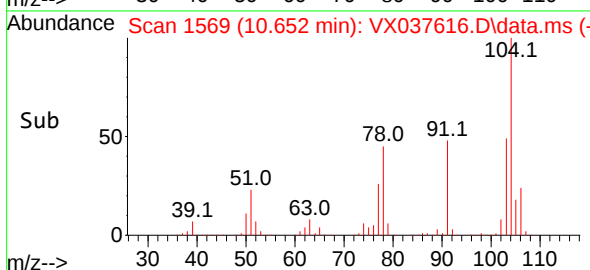
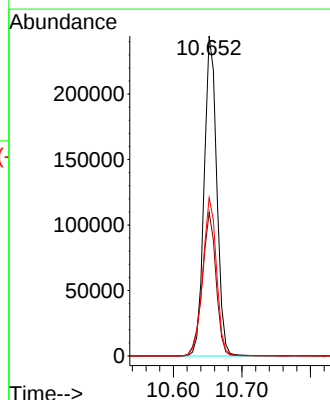
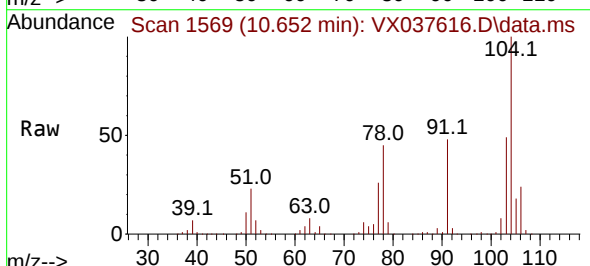
Manual Integrations
APPROVED

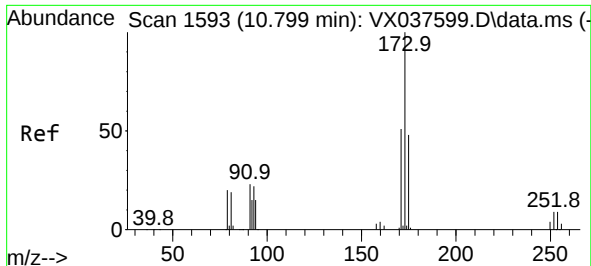
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#70
Styrene
Concen: 52.855 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

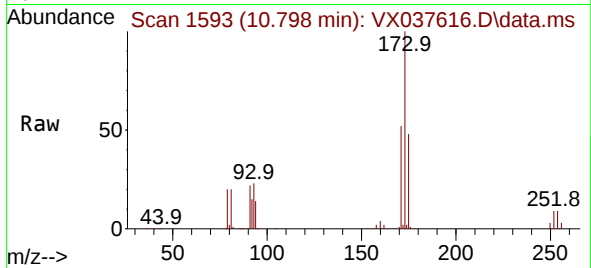
Tgt Ion:104 Resp: 314767
Ion Ratio Lower Upper
104 100
78 48.6 43.6 65.4
103 53.7 43.6 65.4





#71
Bromoform
Concen: 51.900 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.001 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

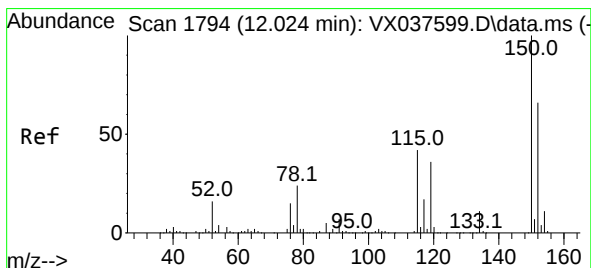
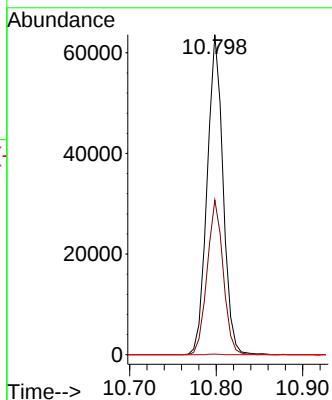
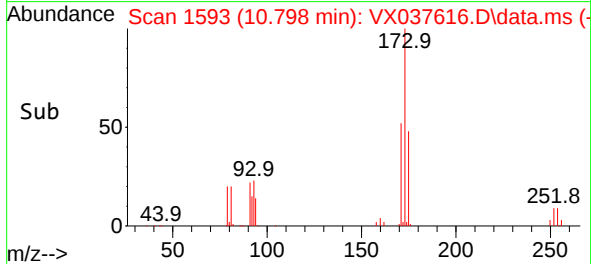
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 8110
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.4
254 0.1 0.0 0.0

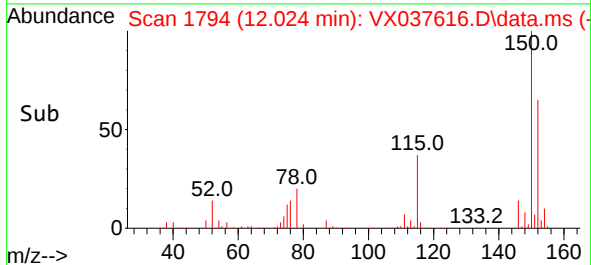
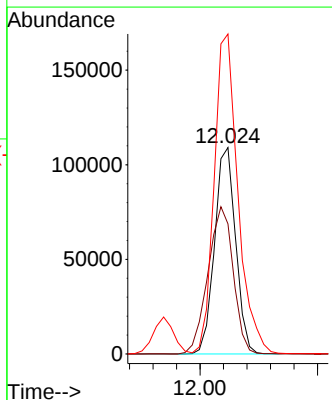
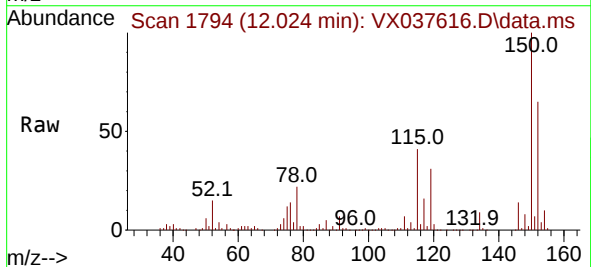
Manual Integrations
APPROVED

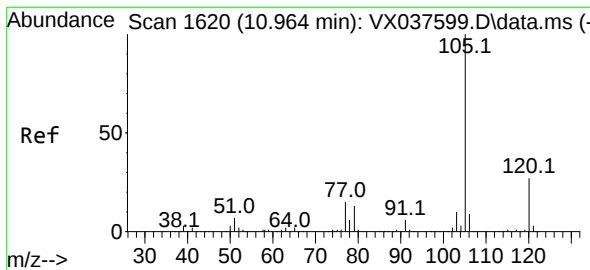
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Tgt Ion:152 Resp: 135938
Ion Ratio Lower Upper
152 100
115 85.7 43.3 129.9
150 175.4 0.0 345.0





#73

Isopropylbenzene

Concen: 48.136 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 49150

Ion Ratio Lower Upper

105 100

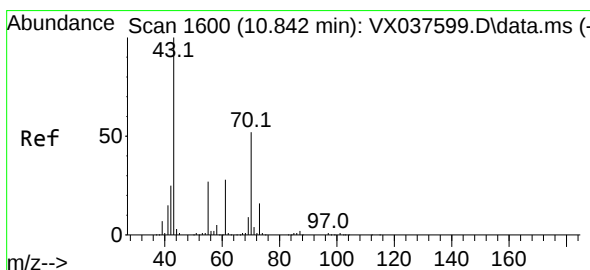
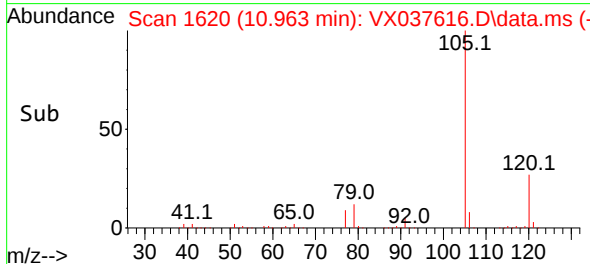
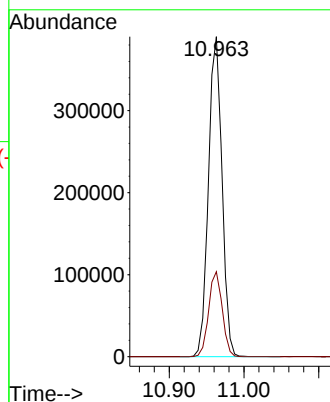
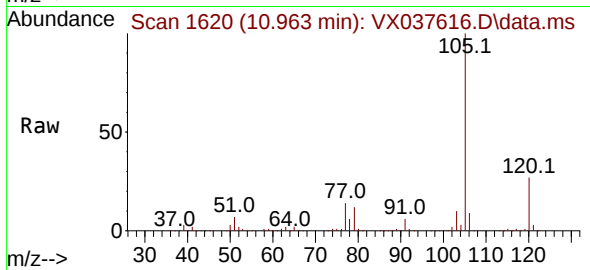
120 26.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#74

N-ethyl acetate

Concen: 47.987 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Tgt Ion: 43 Resp: 168900

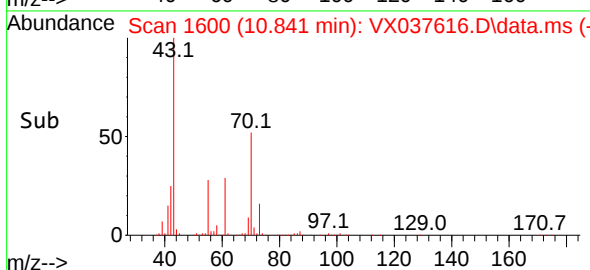
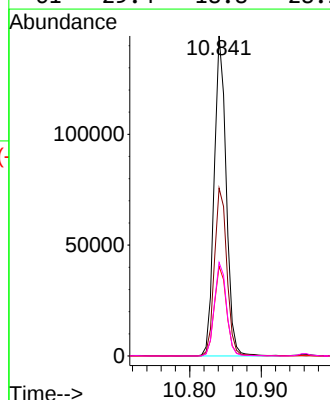
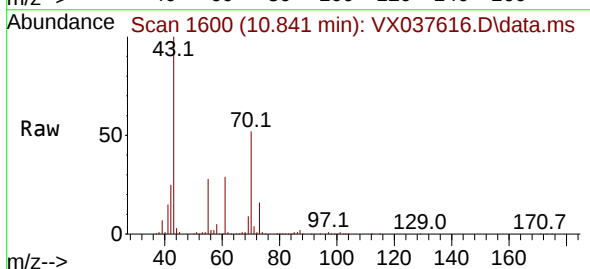
Ion Ratio Lower Upper

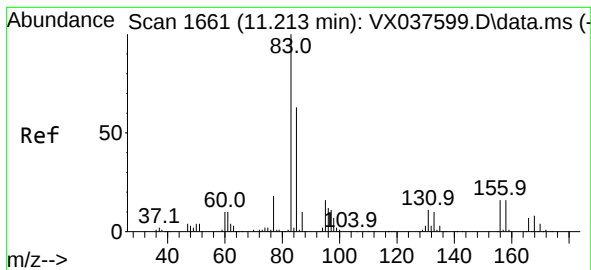
43 100

70 54.2 32.9 49.3#

55 28.6 19.3 28.9

61 29.4 18.8 28.2#





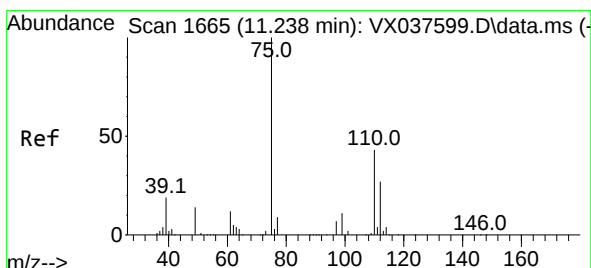
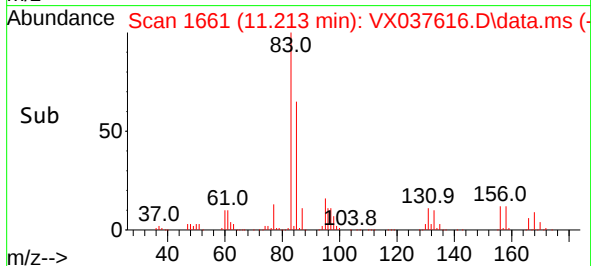
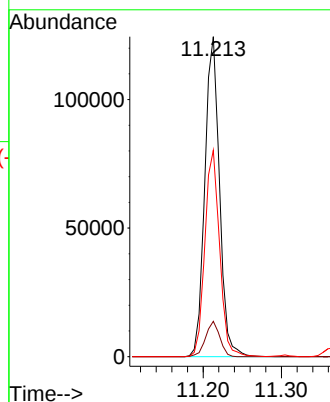
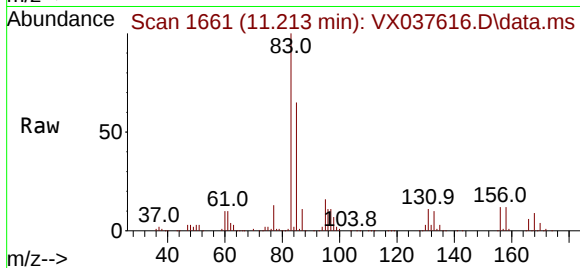
#75
1,1,2,2-Tetrachloroethane
Concen: 45.566 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 161680
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.8
85 64.9 32.0 96.2

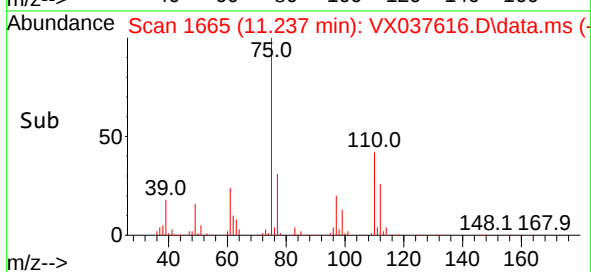
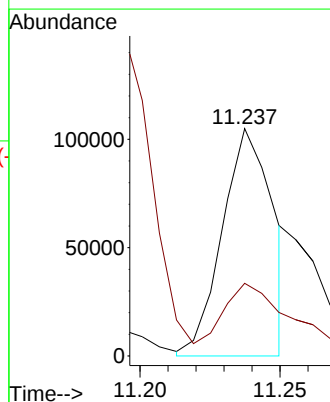
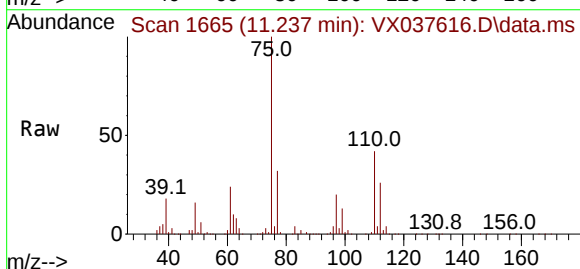
Manual Integrations
APPROVED

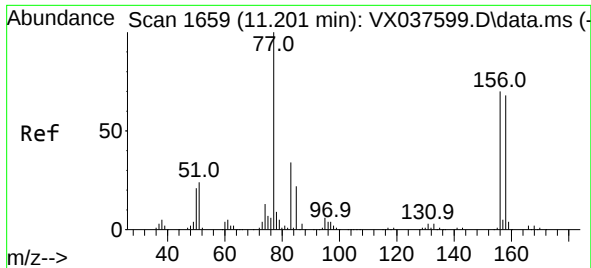
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#76
1,2,3-Trichloropropane
Concen: 41.541 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Tgt Ion: 75 Resp: 132197
Ion Ratio Lower Upper
75 100
77 44.1 19.1 57.5





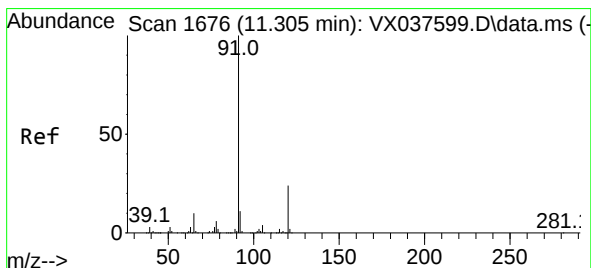
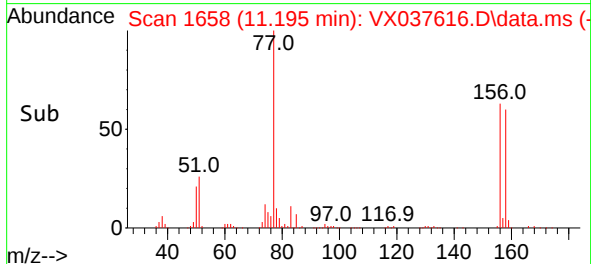
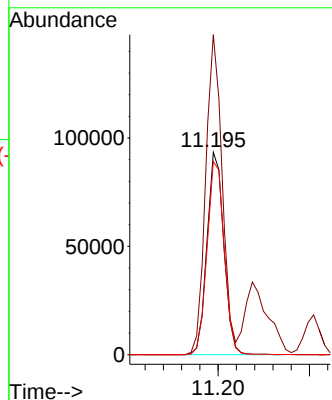
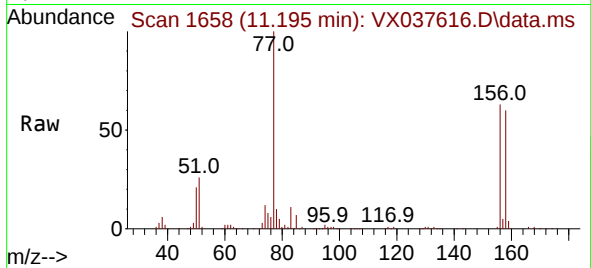
#77
Bromobenzene
Concen: 47.108 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 119063
Ion Ratio Lower Upper
156 100
77 154.5 88.4 265.3
158 97.1 48.0 144.0

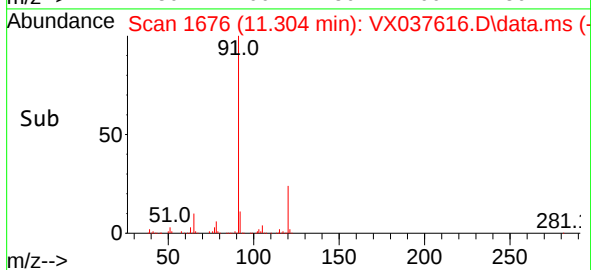
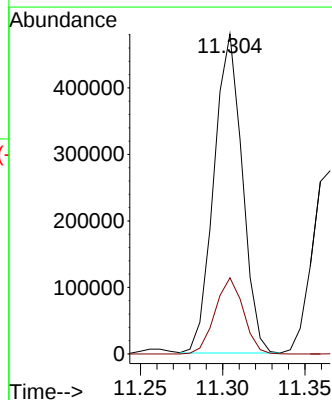
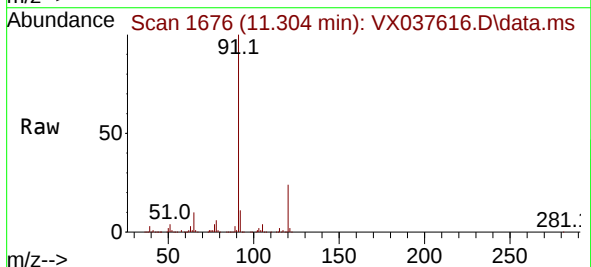
Manual Integrations
APPROVED

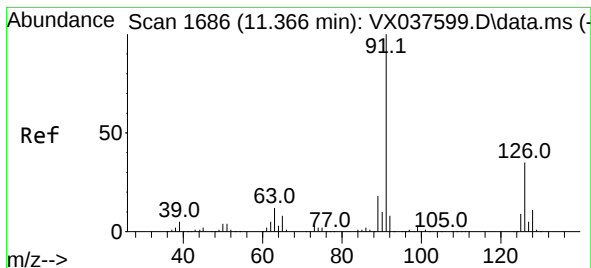
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#78
n-propylbenzene
Concen: 50.561 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Tgt Ion: 91 Resp: 574150
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.4





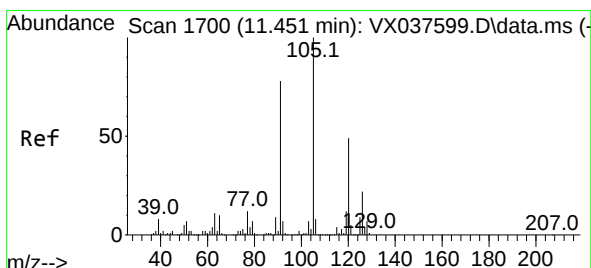
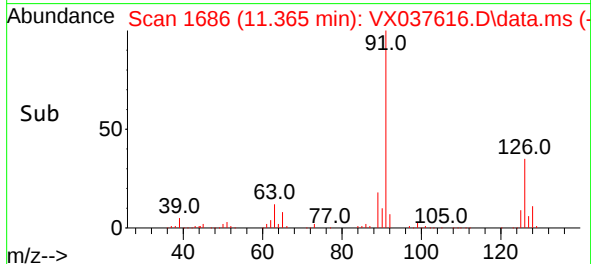
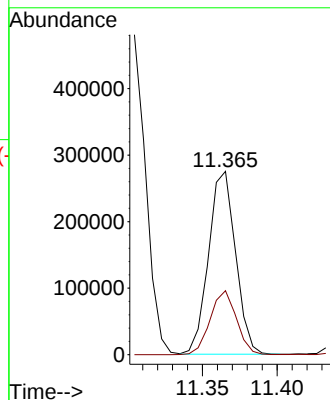
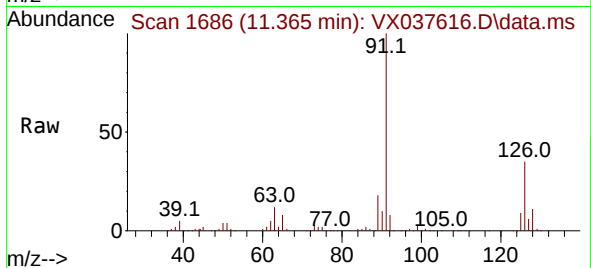
#79
2-Chlorotoluene
Concen: 47.794 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 344840
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8

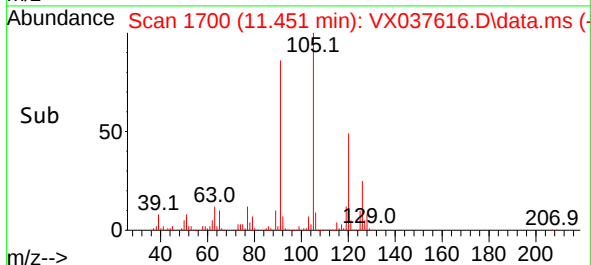
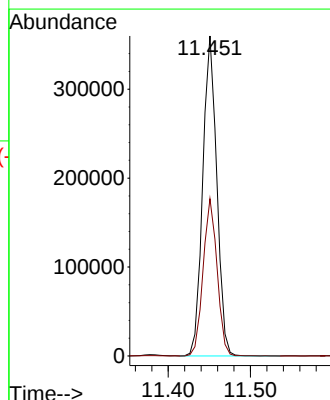
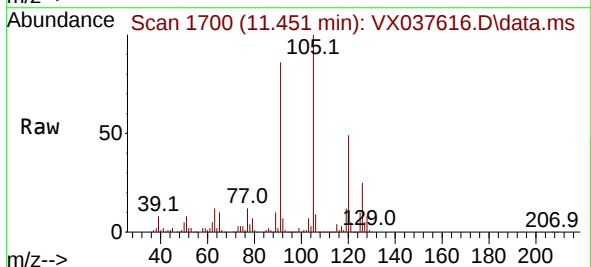
Manual Integrations
APPROVED

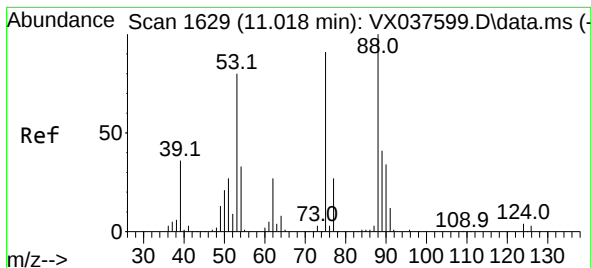
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.384 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Tgt Ion:105 Resp: 427710
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





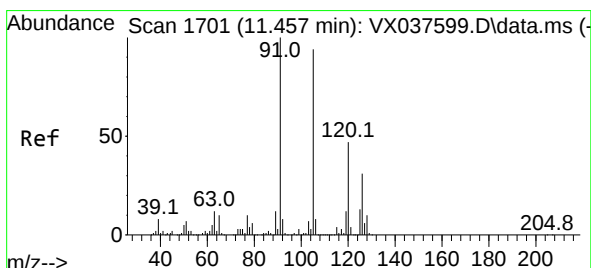
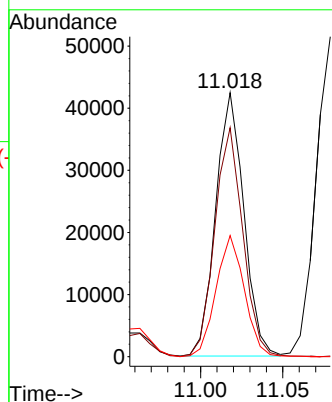
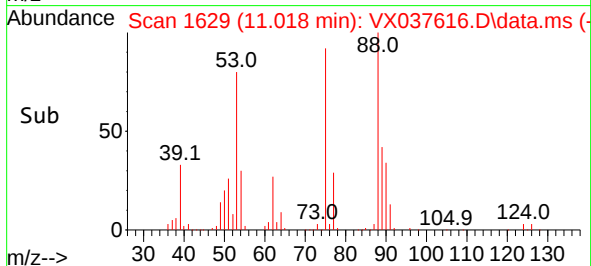
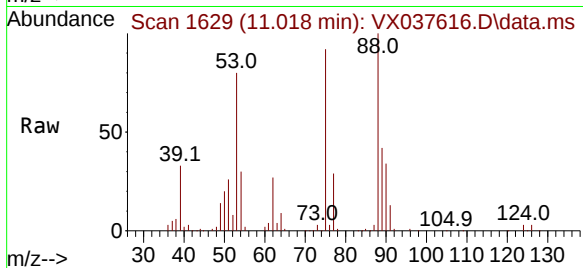
#81
trans-1,4-Dichloro-2-butene
Concen: 48.747 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 50584
Ion Ratio Lower Upper
75 100
53 86.7 90.5 135.7
89 46.2 36.9 55.3

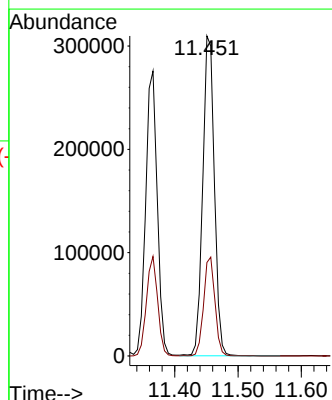
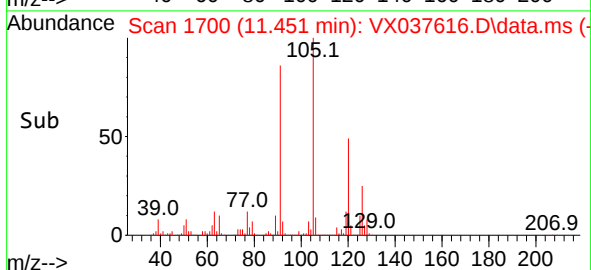
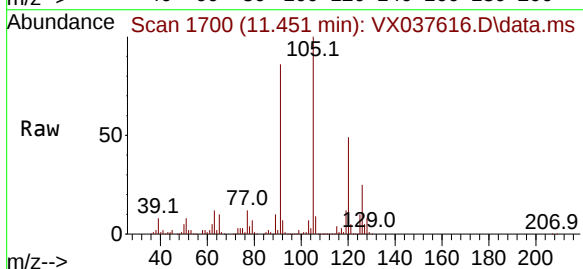
Manual Integrations
APPROVED

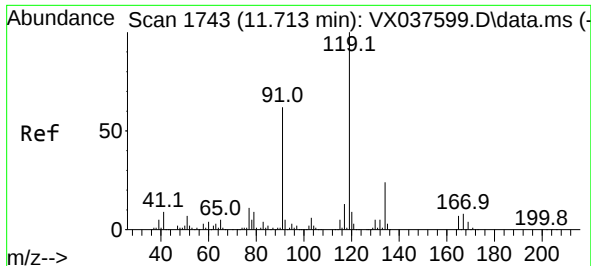
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#82
4-Chlorotoluene
Concen: 48.901 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

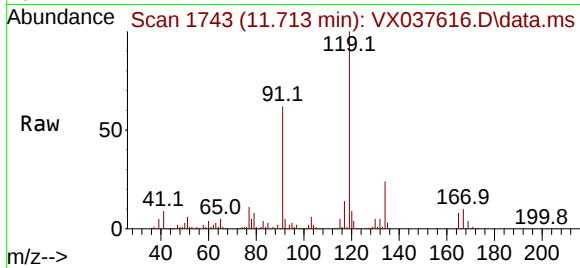
Tgt Ion: 91 Resp: 397835
Ion Ratio Lower Upper
91 100
126 30.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.582 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

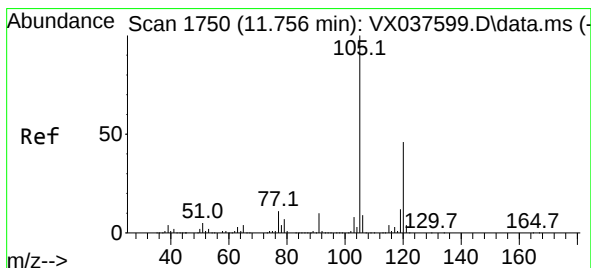
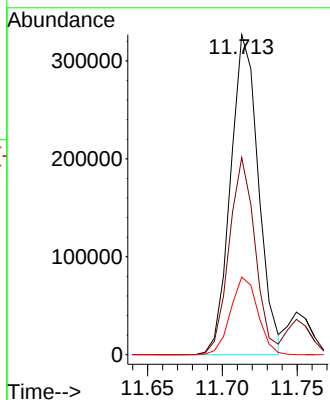
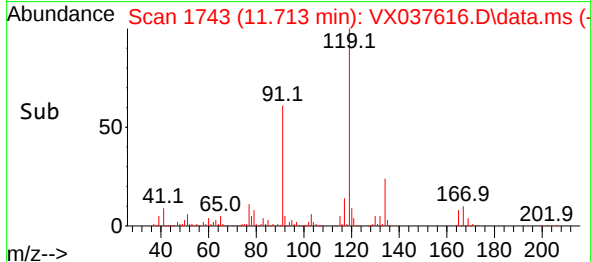
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 424207
Ion Ratio Lower Upper
119 100
91 57.8 31.2 93.6
134 23.7 11.7 35.0

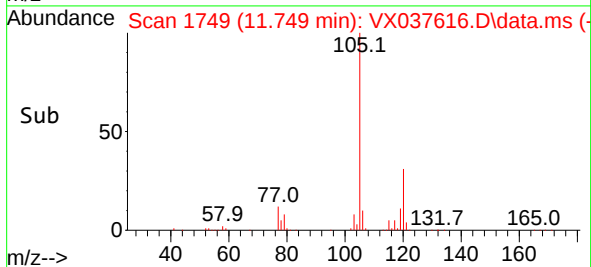
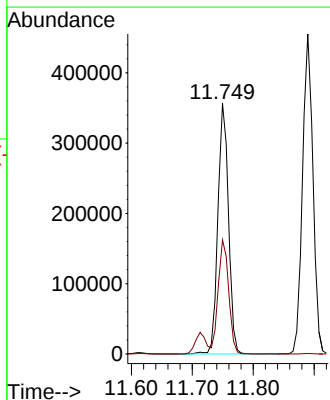
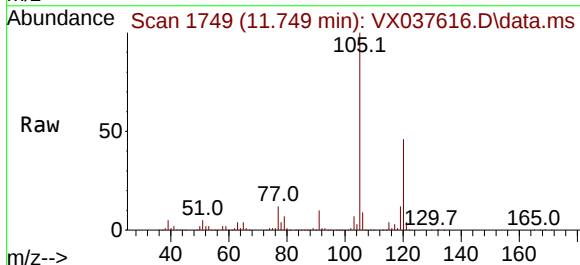
Manual Integrations
APPROVED

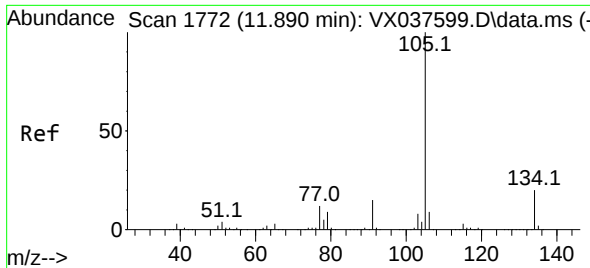
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.567 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

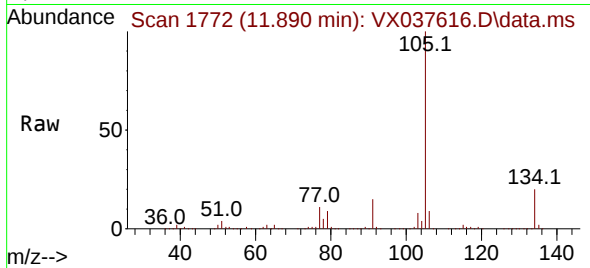
Tgt Ion:105 Resp: 429202
Ion Ratio Lower Upper
105 100
120 44.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.309 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037616.D
 Acq: 09 Sep 2023 10:26

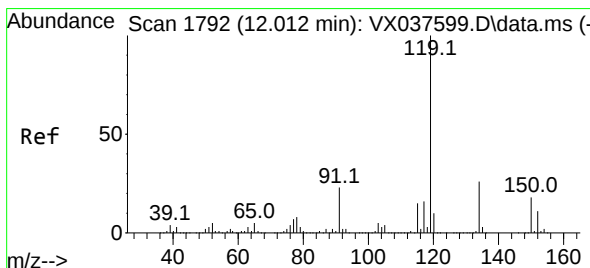
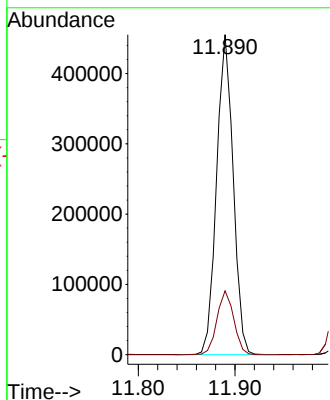
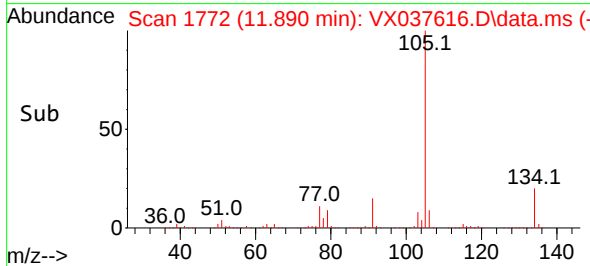
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



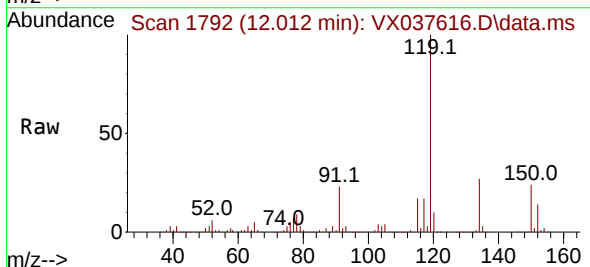
Tgt Ion:105 Resp: 540099
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

Manual Integrations
 APPROVED

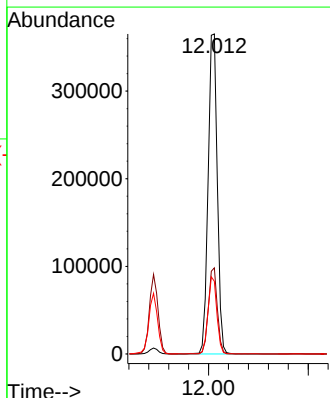
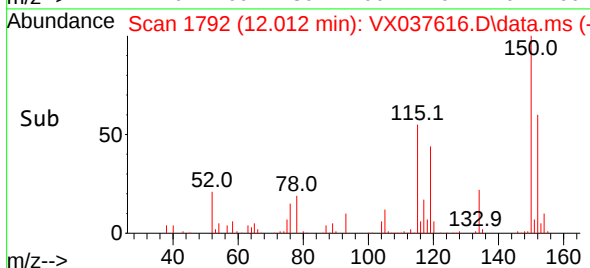
Reviewed By :John Carlone 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023

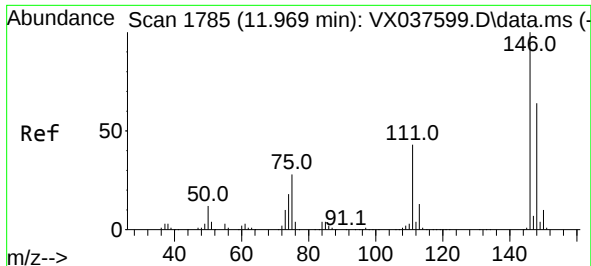


#86
 p-Isopropyltoluene
 Concen: 52.136 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037616.D
 Acq: 09 Sep 2023 10:26



Tgt Ion:119 Resp: 464779
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 23.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.316 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 232344

Ion Ratio Lower Upper

146 100

111 41.7 22.1 66.1

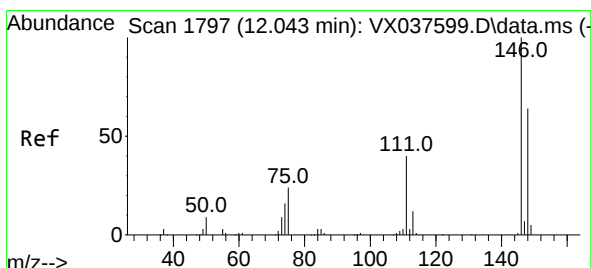
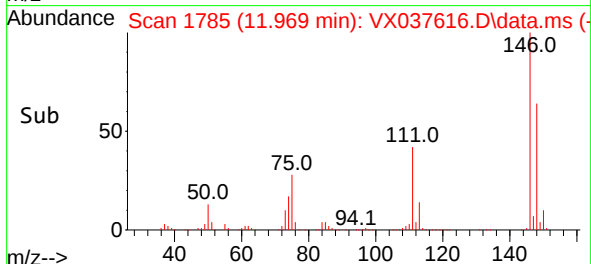
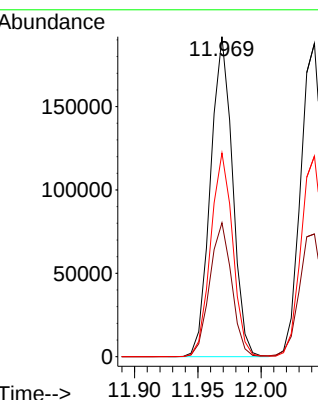
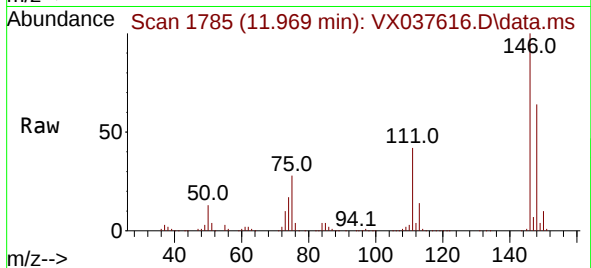
148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#88

1,4-Dichlorobenzene

Concen: 48.628 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

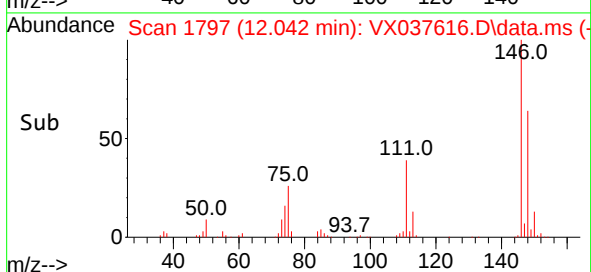
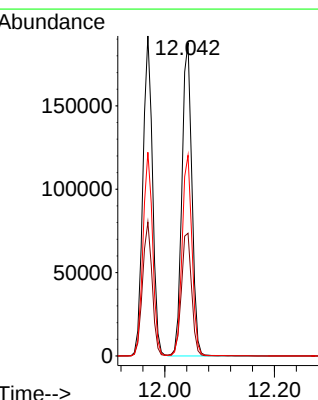
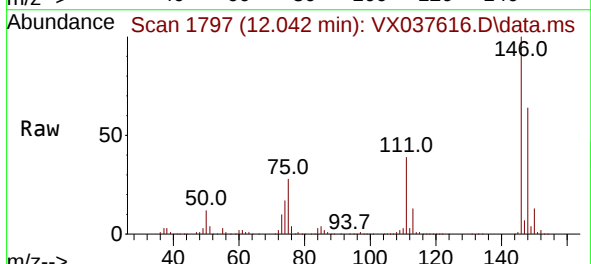
Tgt Ion:146 Resp: 237893

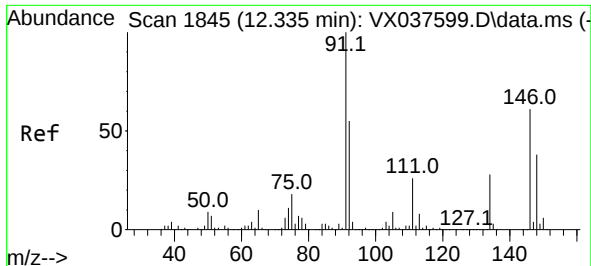
Ion Ratio Lower Upper

146 100

111 40.4 21.3 63.7

148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 54.768 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.007 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 401162

Ion Ratio Lower Upper

91 100

92 55.4 27.4 82.0

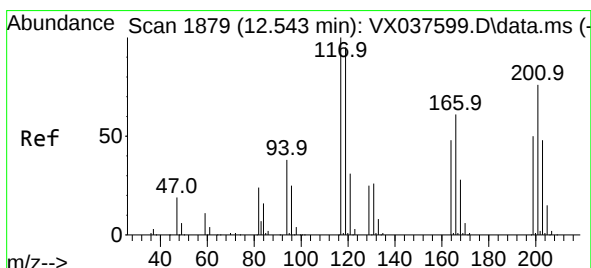
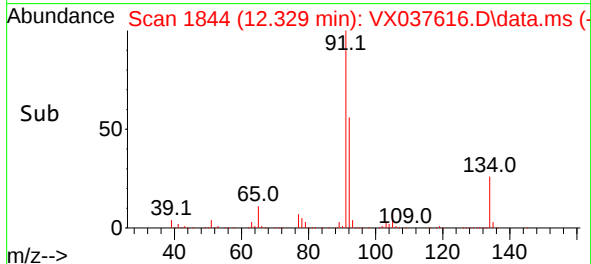
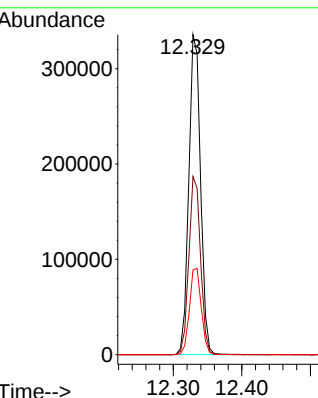
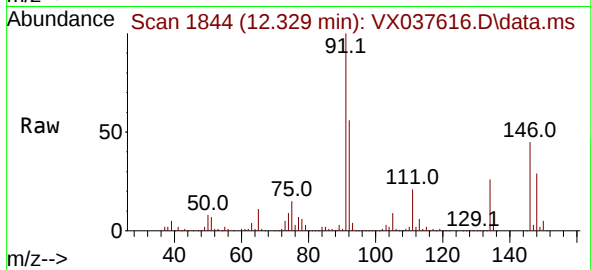
134 27.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#90

Hexachloroethane

Concen: 52.855 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.007 min

Lab File: VX037616.D

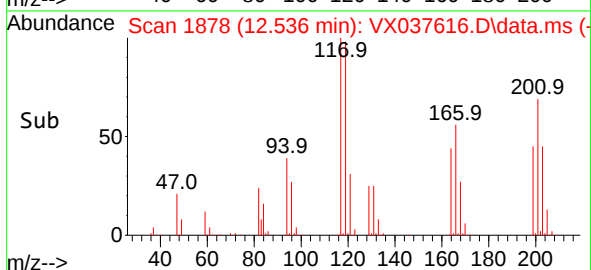
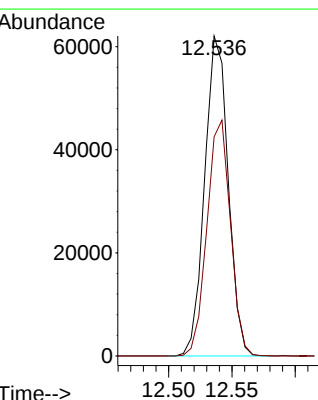
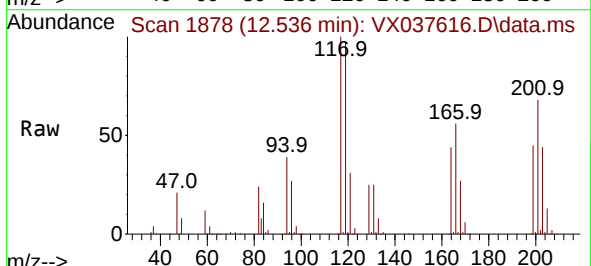
Acq: 09 Sep 2023 10:26

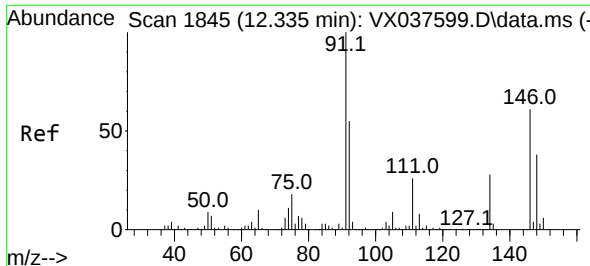
Tgt Ion:117 Resp: 80067

Ion Ratio Lower Upper

117 100

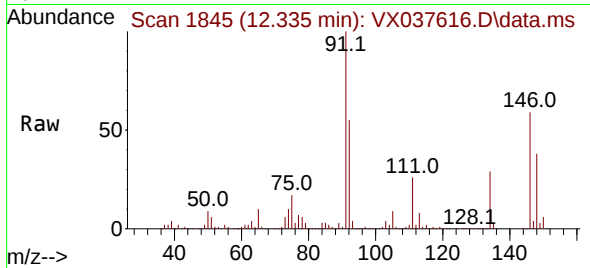
201 73.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 47.674 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

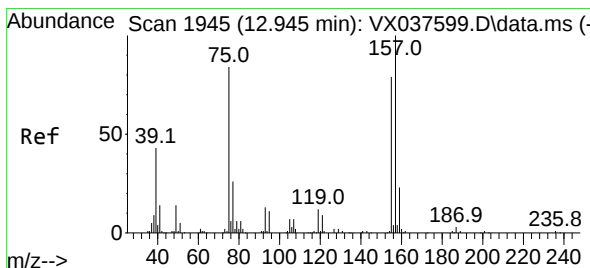
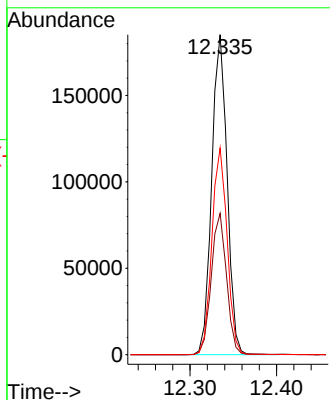
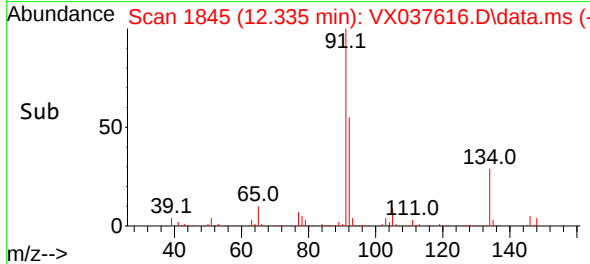
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



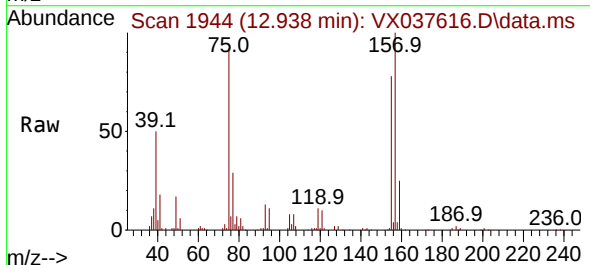
Tgt Ion:146 Resp: 22837
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.0
148 64.2 31.6 95.0

Manual Integrations
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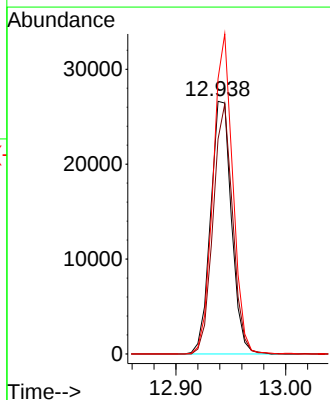
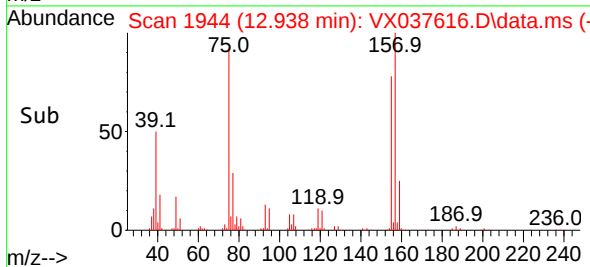
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

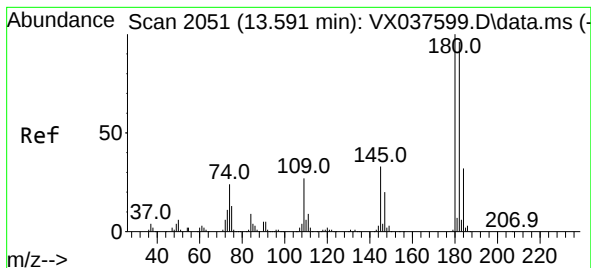


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.659 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26



Tgt Ion: 75 Resp: 35251
Ion Ratio Lower Upper
75 100
155 92.4 36.1 108.5
157 118.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.328 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.007 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 151610

Ion Ratio Lower Upper

180 100

182 94.1 48.3 144.8

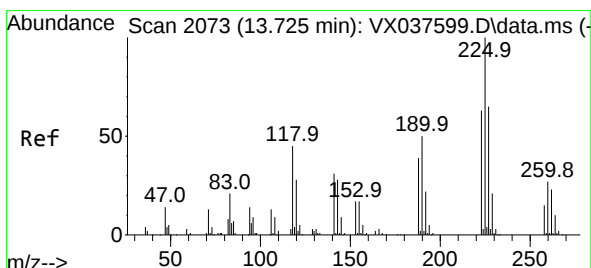
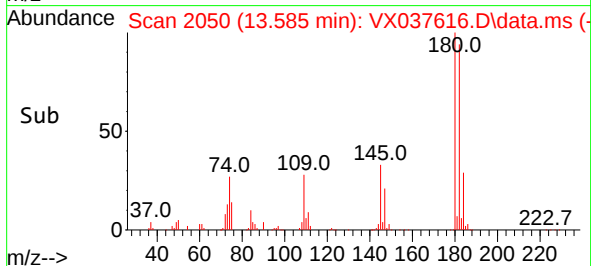
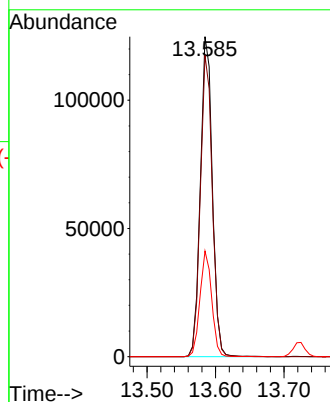
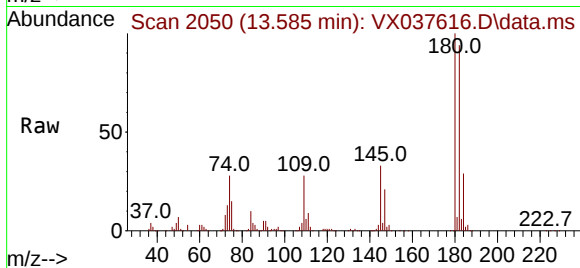
145 32.5 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#94

Hexachlorobutadiene

Concen: 55.766 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037616.D

Acq: 09 Sep 2023 10:26

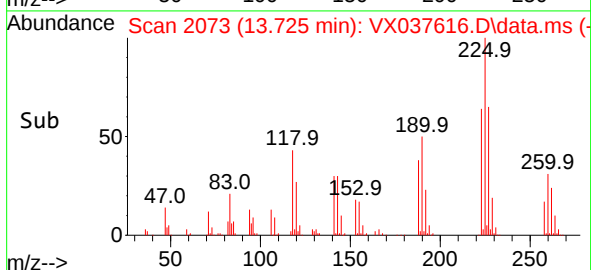
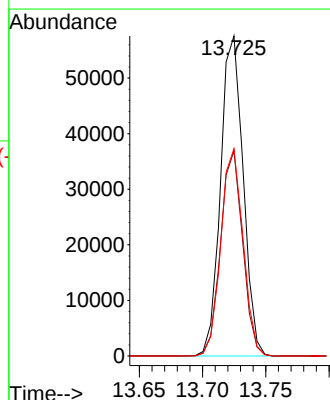
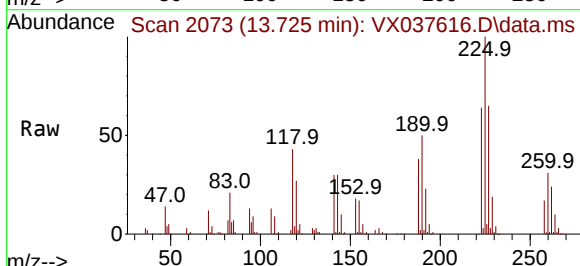
Tgt Ion:225 Resp: 71322

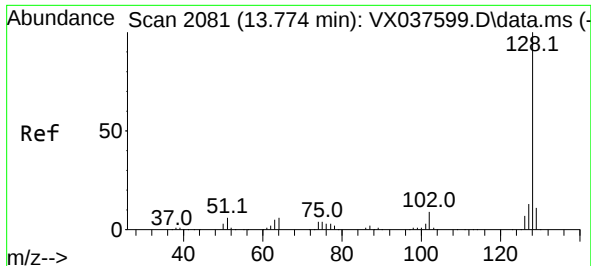
Ion Ratio Lower Upper

225 100

223 62.4 31.1 93.2

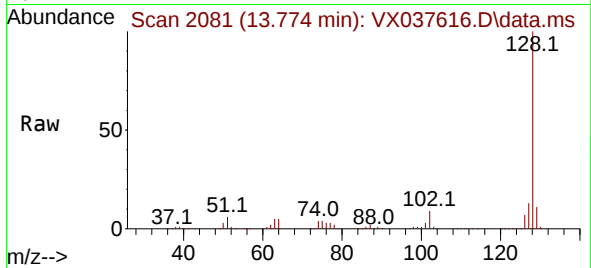
227 63.6 32.5 97.5





#95
Naphthalene
Concen: 48.812 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

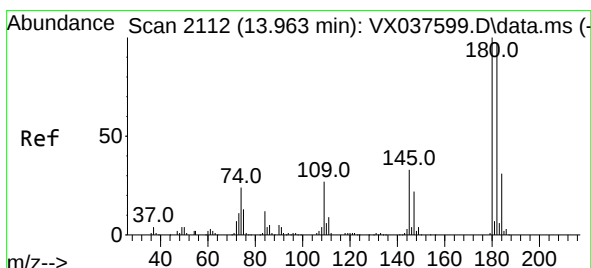
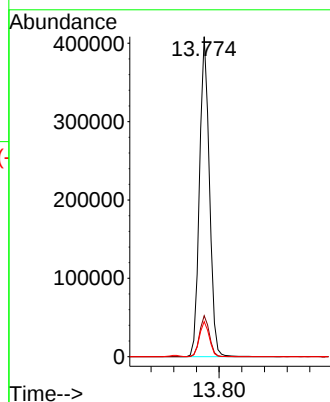
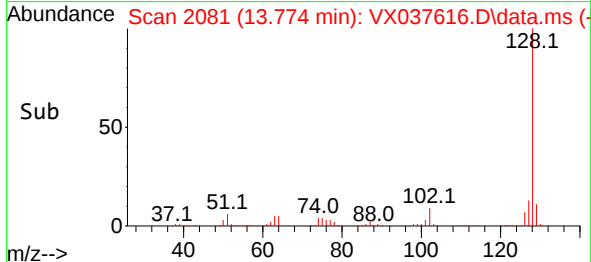
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 49403
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.640 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.007 min
Lab File: VX037616.D
Acq: 09 Sep 2023 10:26

Tgt Ion:180 Resp: 148560
Ion Ratio Lower Upper
180 100
182 96.1 46.9 140.6
145 34.6 17.8 53.5

