

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037720.D
 Acq On : 14 Sep 2023 11:10
 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 09/14/2023
 Supervised By : Mahesh Dadoda 09/15/2023

Quant Time: Sep 14 16:11:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	222580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	362114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153296	42.568	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.140%		
35) Dibromofluoromethane	5.379	113	130512	50.848	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.700%		
50) Toluene-d8	8.647	98	482331	49.827	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.660%		
62) 4-Bromofluorobenzene	11.079	95	183612	52.576	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	113972	46.704	ug/l	99
3) Chloromethane	1.300	50	123602	44.460	ug/l	96
4) Vinyl Chloride	1.374	62	133860	42.803	ug/l	97
5) Bromomethane	1.599	94	115689	44.226	ug/l	98
6) Chloroethane	1.678	64	92636m	43.081	ug/l	
7) Trichlorofluoromethane	1.880	101	229354	44.327	ug/l	100
8) Diethyl Ether	2.130	74	86731	42.236	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	117395	50.614	ug/l	97
10) Methyl Iodide	2.447	142	145876	53.256	ug/l	92
11) Tert butyl alcohol	2.959	59	163617	218.103	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	107632	47.002	ug/l	85
13) Acrolein	2.233	56	145095	246.600	ug/l	98
14) Allyl chloride	2.660	41	185756	46.304	ug/l	95
15) Acrylonitrile	3.062	53	359267	217.537	ug/l	99
16) Acetone	2.380	43	358572	246.288	ug/l	90
17) Carbon Disulfide	2.508	76	253458	43.539	ug/l	99
18) Methyl Acetate	2.703	43	267231	43.464	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	421637	46.639	ug/l	99
20) Methylene Chloride	2.788	84	135771	48.184	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	122789	46.606	ug/l	90
22) Diisopropyl ether	3.757	45	403063	46.120	ug/l	89
23) Vinyl Acetate	3.721	43	1496530	234.764	ug/l	95
24) 1,1-Dichloroethane	3.605	63	231951	45.545	ug/l	99
25) 2-Butanone	4.550	43	510336	214.977	ug/l	92
26) 2,2-Dichloropropane	4.471	77	197230	55.673	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	152220	47.379	ug/l	91
28) Bromochloromethane	4.891	49	117664	45.731	ug/l	85
29) Tetrahydrofuran	4.995	42	317223	209.841	ug/l	90
30) Chloroform	5.092	83	254805	46.328	ug/l	98
31) Cyclohexane	5.470	56	193834	46.743	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	220232	48.110	ug/l	98
36) 1,1-Dichloropropene	5.690	75	176024	50.413	ug/l	97
37) Ethyl Acetate	4.708	43	194053	48.571	ug/l	98
38) Carbon Tetrachloride	5.678	117	188907	52.959	ug/l	97
39) Methylcyclohexane	7.379	83	226272	54.765	ug/l	94
40) Benzene	6.037	78	538782	50.899	ug/l	100

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	99913	47.478	ug/l #	88
42) 1,2-Dichloroethane	6.080	62	197818	47.814	ug/l	98
43) Isopropyl Acetate	6.336	43	319948	50.197	ug/l	96
44) Trichloroethene	7.123	130	142307	53.809	ug/l	99
45) 1,2-Dichloropropane	7.427	63	143608	51.408	ug/l	99
46) Dibromomethane	7.580	93	103565	50.960	ug/l	94
47) Bromodichloromethane	7.818	83	194665	53.060	ug/l	97
48) Methyl methacrylate	7.690	41	150794	48.942	ug/l #	87
49) 1,4-Dioxane	7.659	88	78904	1033.638	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	1014406	242.373	ug/l	96
52) Toluene	8.720	92	353243	51.902	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	211912	56.972	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	230040	56.362	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	150361	52.466	ug/l	95
56) Ethyl methacrylate	9.116	69	232984	53.134	ug/l	91
57) 1,3-Dichloropropane	9.305	76	243576	50.670	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	583023	274.222	ug/l	100
59) 2-Hexanone	9.427	43	809344	250.523	ug/l	94
60) Dibromochloromethane	9.519	129	156393	55.557	ug/l	99
61) 1,2-Dibromoethane	9.610	107	161117	52.302	ug/l	99
64) Tetrachloroethene	9.269	164	120402	54.062	ug/l	98
65) Chlorobenzene	10.079	112	386259	52.720	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	144988	57.419	ug/l	99
67) Ethyl Benzene	10.195	91	692726	53.129	ug/l	99
68) m/p-Xylenes	10.299	106	546589	109.943	ug/l	97
69) o-Xylene	10.640	106	269388	54.348	ug/l	98
70) Styrene	10.652	104	449993	55.646	ug/l	96
71) Bromoform	10.799	173	119726	60.595	ug/l #	99
73) Isopropylbenzene	10.963	105	710179	50.142	ug/l	99
74) N-amyl acetate	10.841	43	303707	49.174	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	251578	47.466	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	198774m	47.794	ug/l	
77) Bromobenzene	11.195	156	171872	51.207	ug/l	90
78) n-propylbenzene	11.305	91	843895	51.789	ug/l	100
79) 2-Chlorotoluene	11.366	91	496172	49.467	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	617749	51.897	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	74843	54.702	ug/l	89
82) 4-Chlorotoluene	11.451	91	579644	50.589	ug/l	97
83) tert-Butylbenzene	11.713	119	616712	51.573	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	616797	51.396	ug/l	97
85) sec-Butylbenzene	11.890	105	779849	52.825	ug/l	99
86) p-Isopropyltoluene	12.012	119	655425	54.179	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	338180	52.474	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	339319	51.230	ug/l	97
89) n-Butylbenzene	12.329	91	599318	54.700	ug/l	97
90) Hexachloroethane	12.536	117	113089	55.399	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	340793	52.853	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53037	48.733	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	216871	56.476	ug/l	97
94) Hexachlorobutadiene	13.725	225	99278	61.891	ug/l	99
95) Naphthalene	13.774	128	721674	51.882	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	217163	55.118	ug/l	98

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ClientSampleId :
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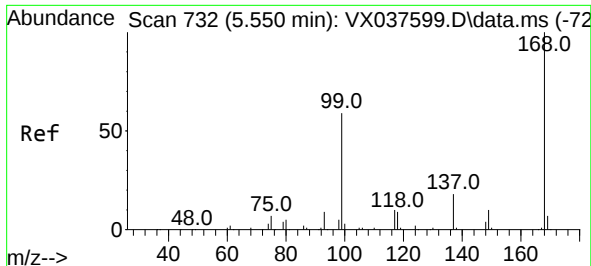
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

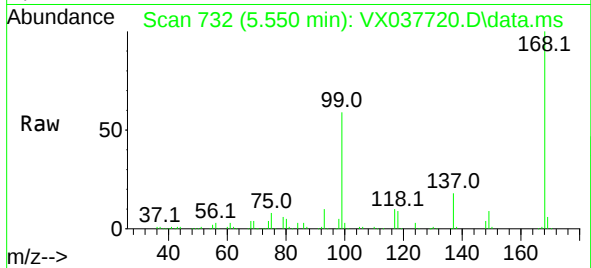
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037720.D
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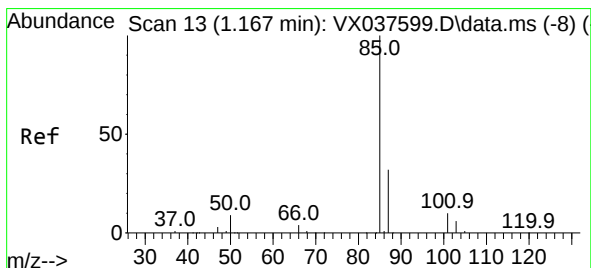
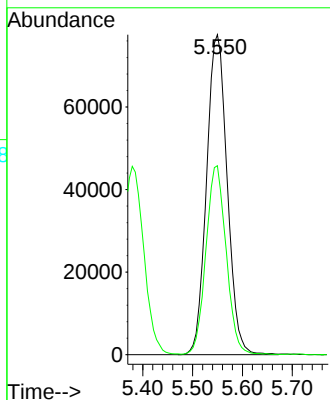
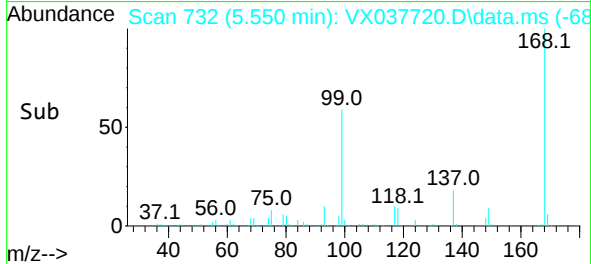
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



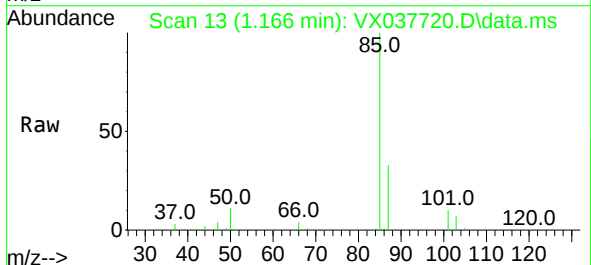
Tgt Ion:168 Resp: 222580
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0

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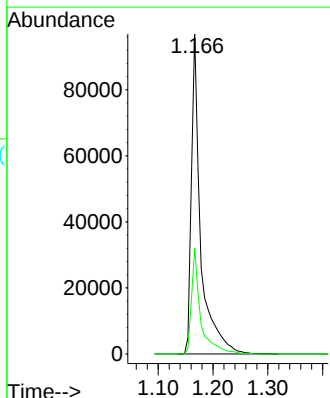
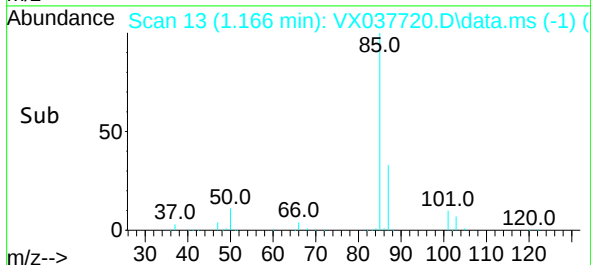
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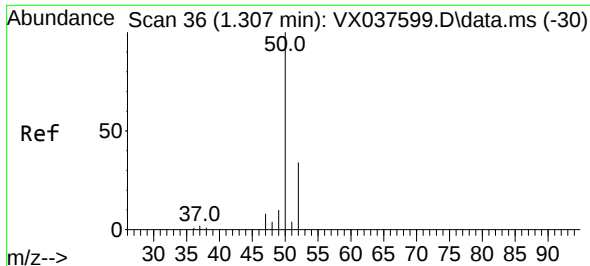


#2
Dichlorodifluoromethane
Concen: 46.704 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10



Tgt Ion: 85 Resp: 113972
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1





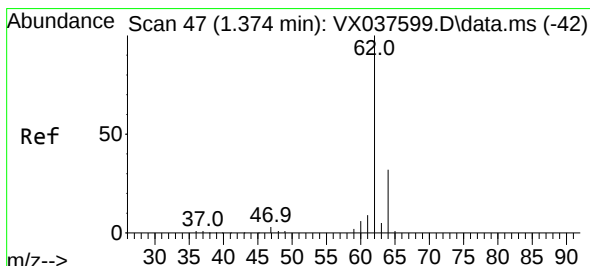
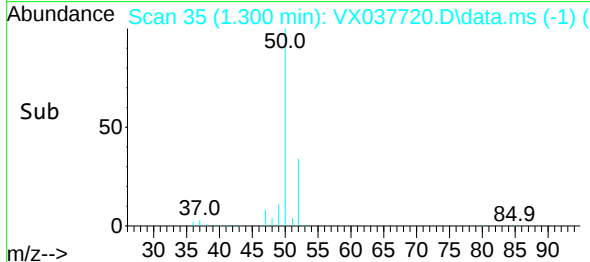
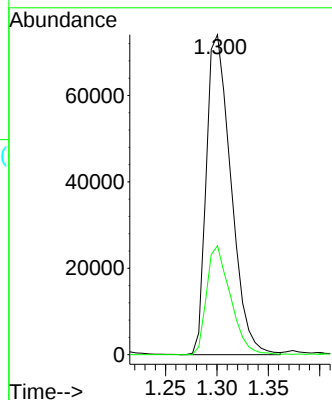
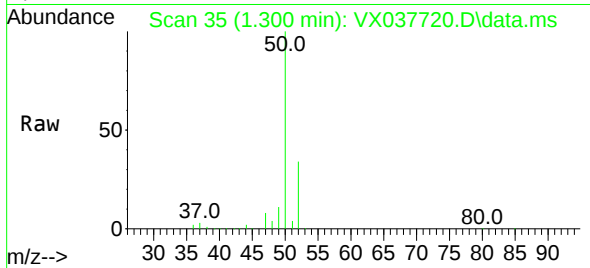
#3
Chloromethane
Concen: 44.460 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Instrument :
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VSTDCCC050

Tgt Ion: 50 Resp: 12360
Ion Ratio Lower Upper
50 100
52 34.0 25.5 38.3

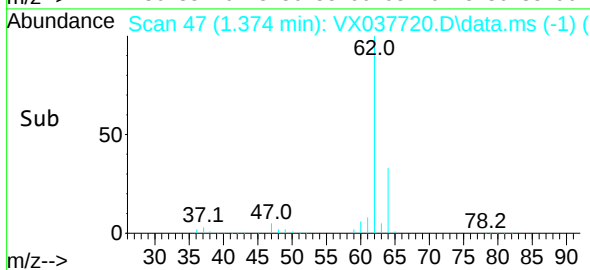
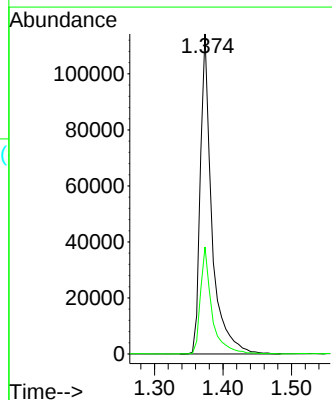
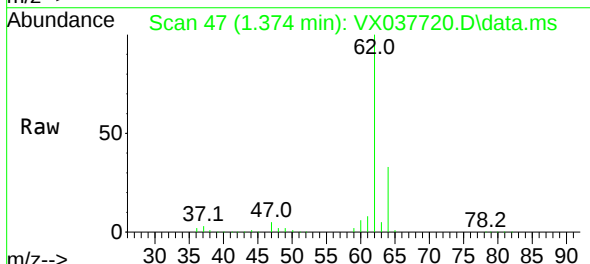
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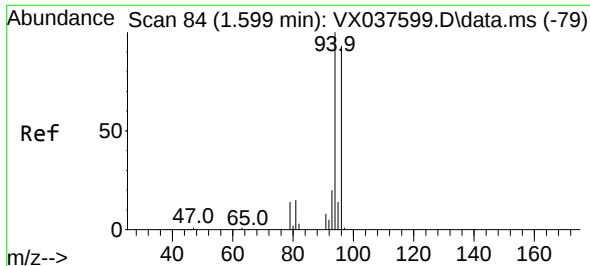
Reviewed By :John Carlone 09/14/2023
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#4
Vinyl Chloride
Concen: 42.803 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

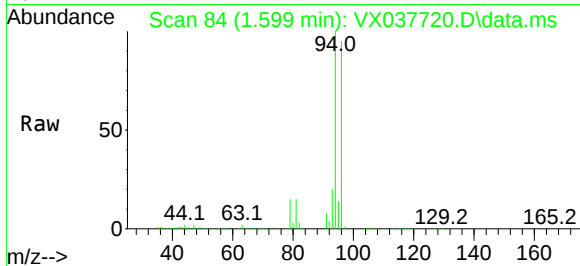
Tgt Ion: 62 Resp: 133860
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0





#5
Bromomethane
Concen: 44.226 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

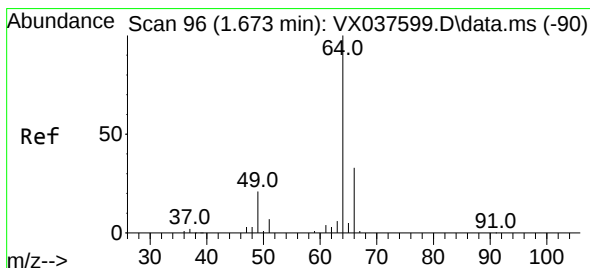
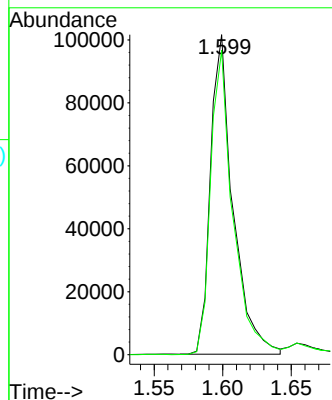
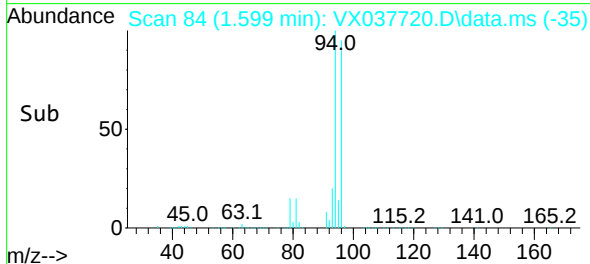
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 115689
Ion Ratio Lower Upper
94 100
96 95.2 74.6 111.8

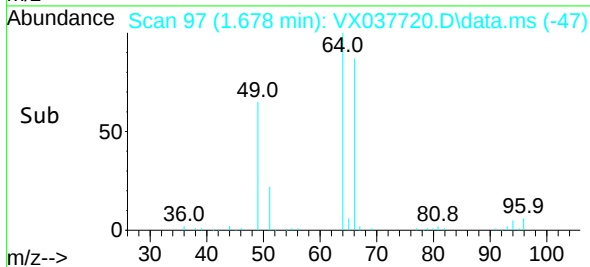
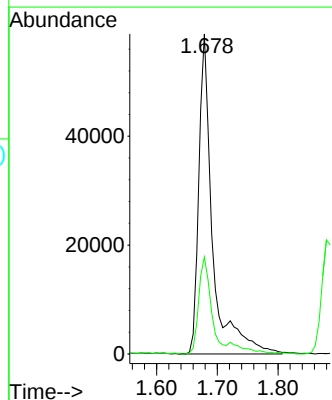
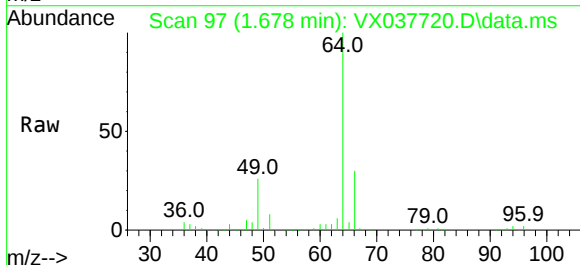
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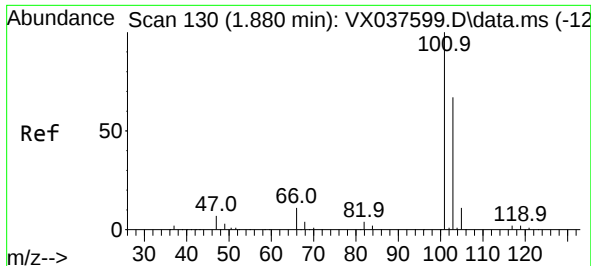
Reviewed By :John Carlone 09/14/2023
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#6
Chloroethane
Concen: 43.081 ug/l m
RT: 1.678 min Scan# 97
Delta R.T. 0.005 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

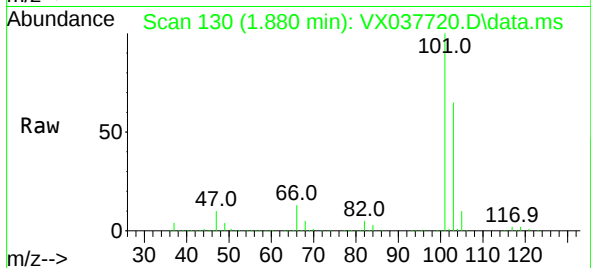
Tgt Ion: 64 Resp: 92636
Ion Ratio Lower Upper
64 100
66 30.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 44.327 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

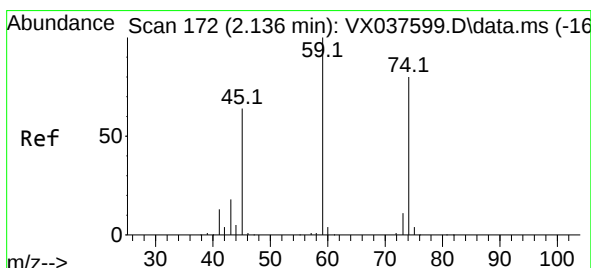
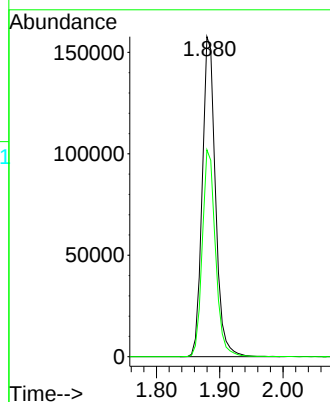
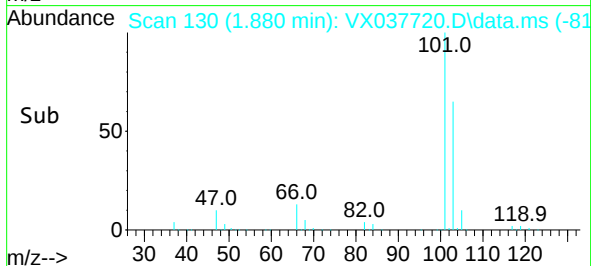
Instrument :
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VSTDCCC050



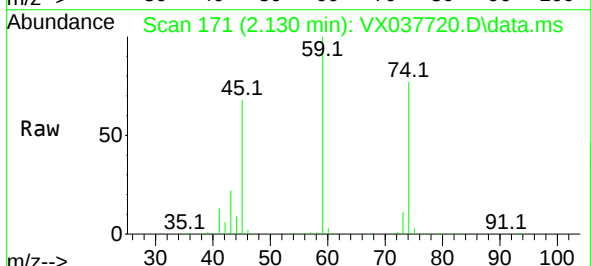
Tgt Ion:101 Resp: 229354
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

Manual Integrations
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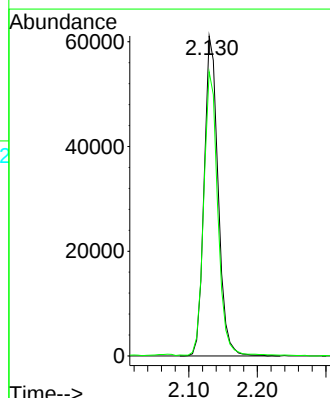
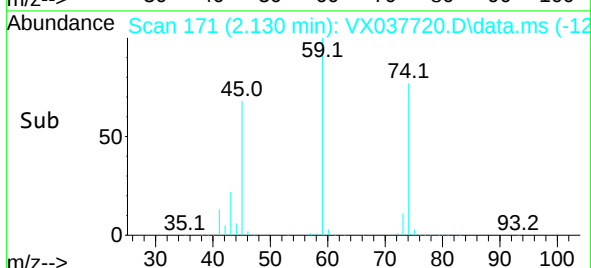
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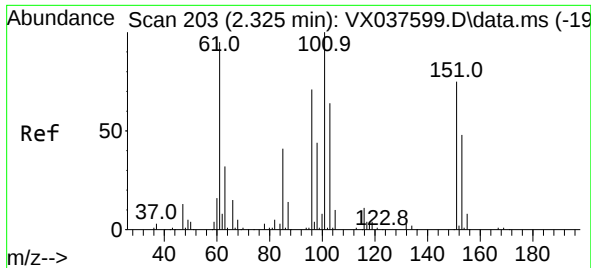


#8
Diethyl Ether
Concen: 42.236 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX037720.D
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Tgt Ion: 74 Resp: 86731
Ion Ratio Lower Upper
74 100
45 90.4 53.3 159.8





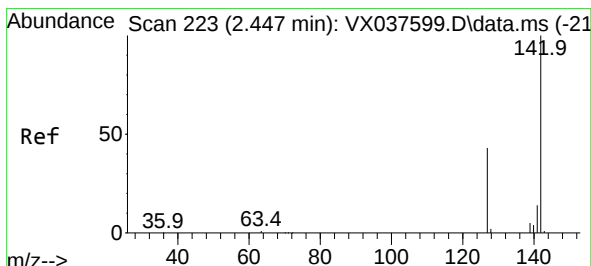
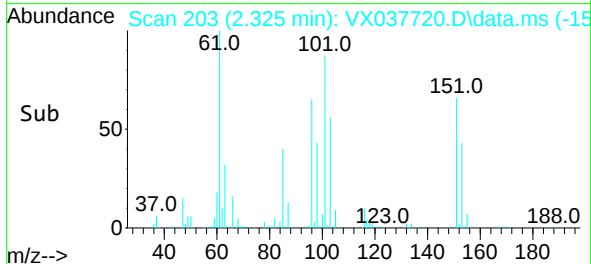
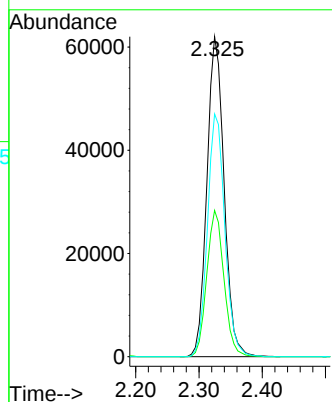
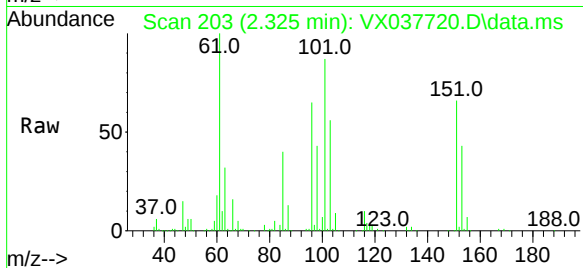
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.614 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 117395
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 76.7 58.6 87.8

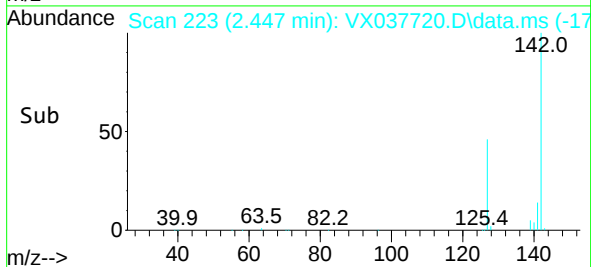
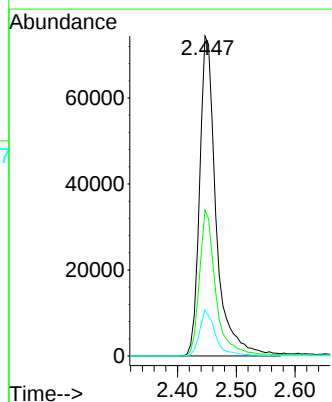
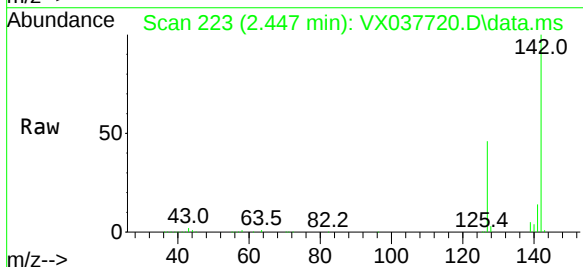
Manual Integrations
APPROVED

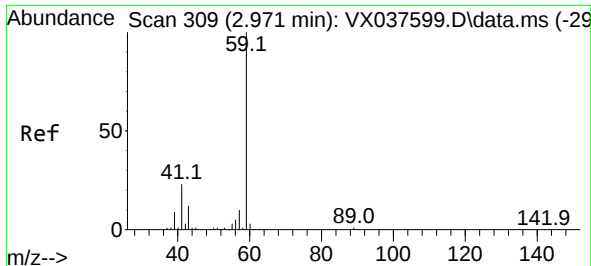
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#10
Methyl Iodide
Concen: 53.256 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Tgt Ion:142 Resp: 145876
Ion Ratio Lower Upper
142 100
127 45.2 41.6 62.4
141 14.0 11.6 17.4





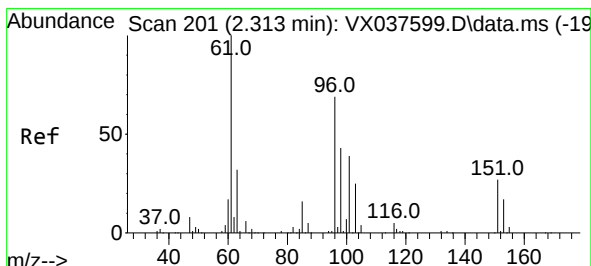
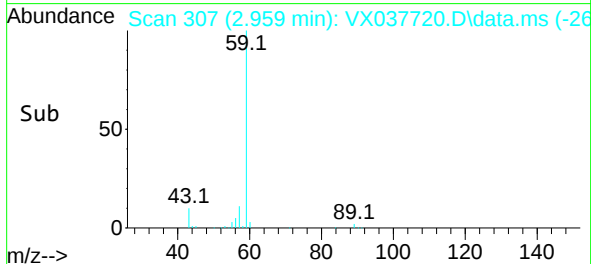
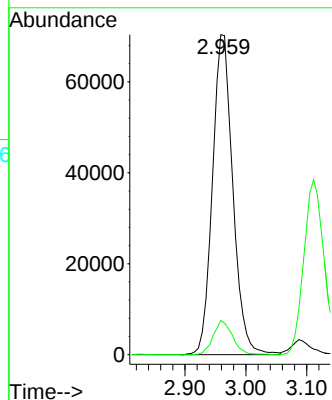
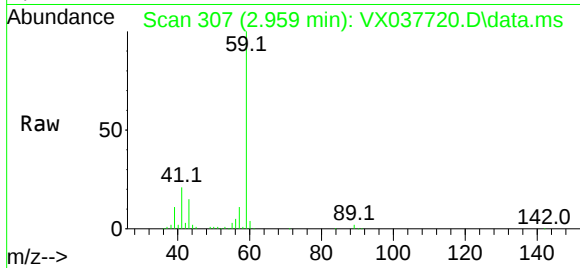
#11
Tert butyl alcohol
Concen: 218.103 ug/l
RT: 2.959 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 163617
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

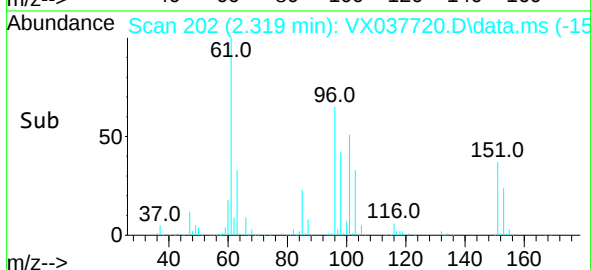
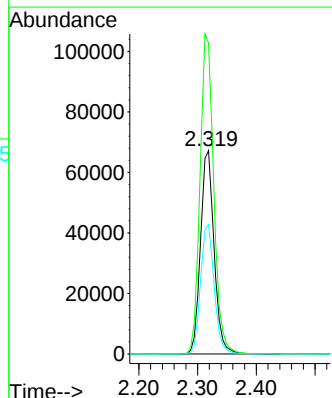
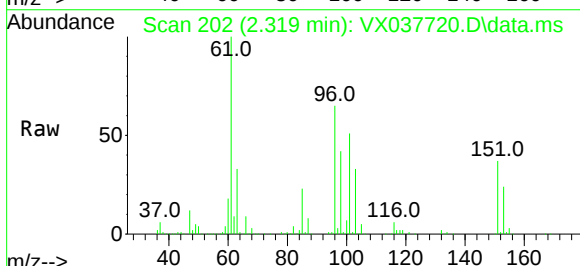
Manual Integrations
APPROVED

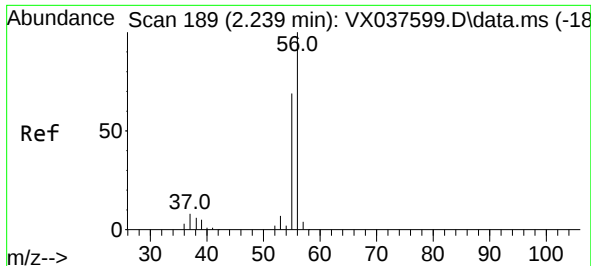
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#12
1,1-Dichloroethene
Concen: 47.002 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

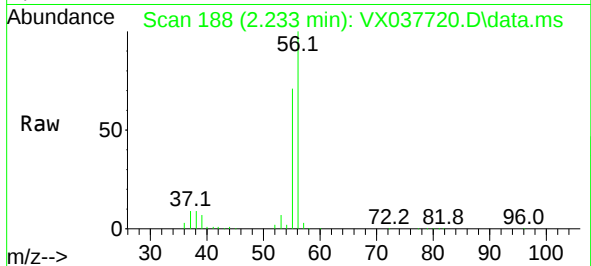
Tgt Ion: 96 Resp: 107632
Ion Ratio Lower Upper
96 100
61 152.9 144.6 216.8
98 63.6 50.4 75.6





#13
Acrolein
Concen: 246.600 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

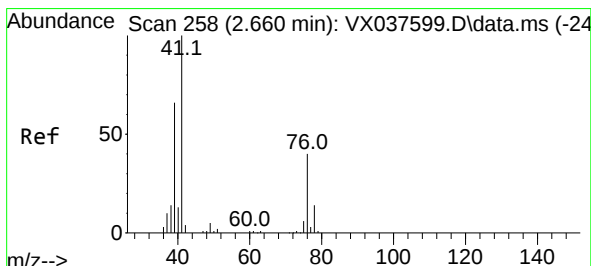
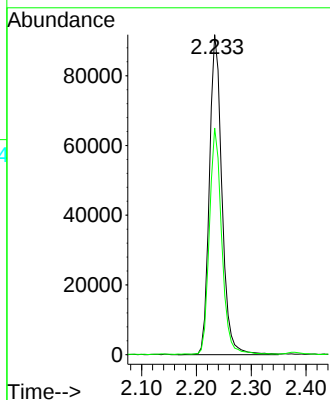
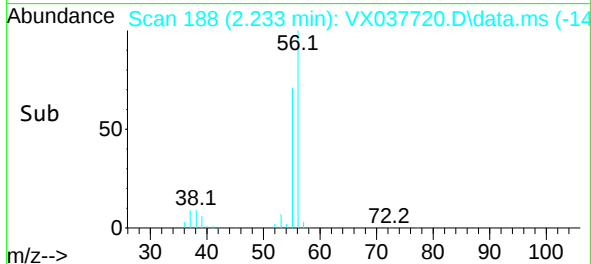
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion: 56 Resp: 145095
Ion Ratio Lower Upper
56 100
55 69.4 57.1 85.7

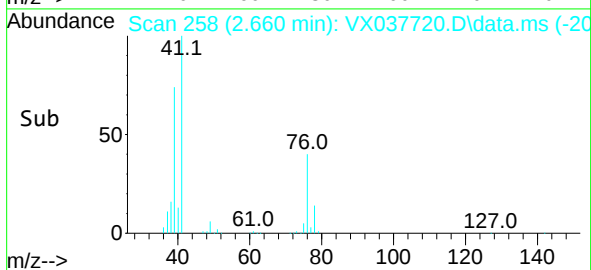
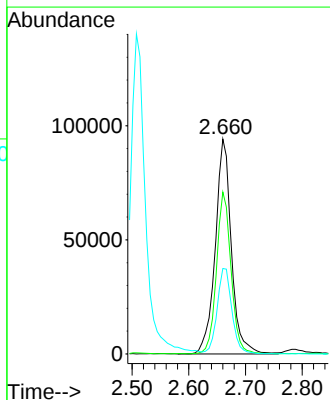
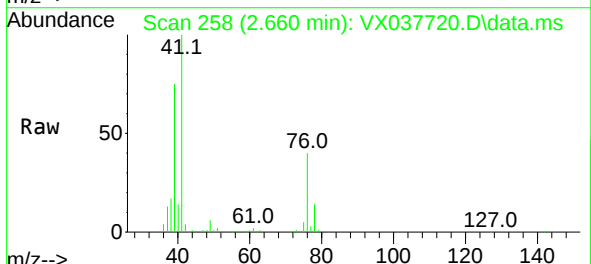
Manual Integrations
APPROVED

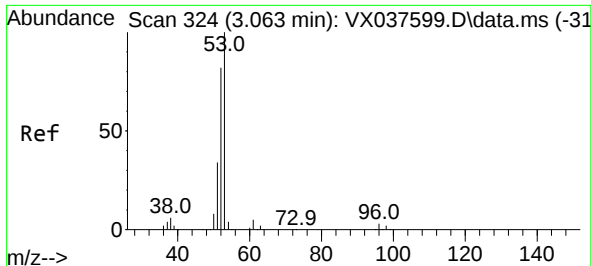
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#14
Allyl chloride
Concen: 46.304 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

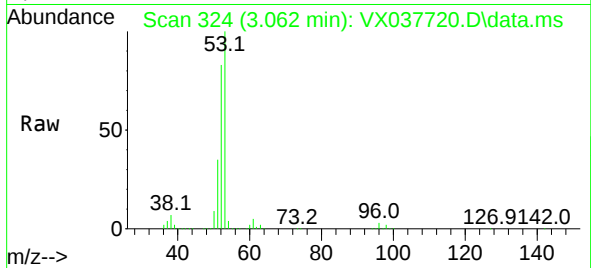
Tgt Ion: 41 Resp: 185756
Ion Ratio Lower Upper
41 100
39 67.8 55.8 83.6
76 36.3 24.3 36.5





#15
Acrylonitrile
Concen: 217.537 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

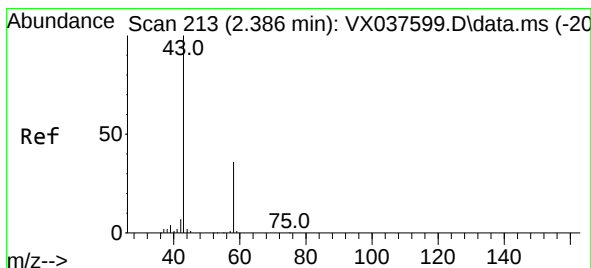
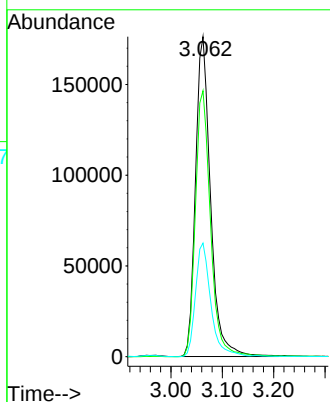
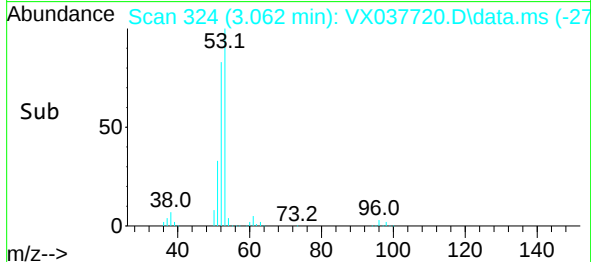
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 35926
Ion Ratio Lower Upper
53 100
52 83.6 66.0 99.0
51 36.2 29.8 44.6

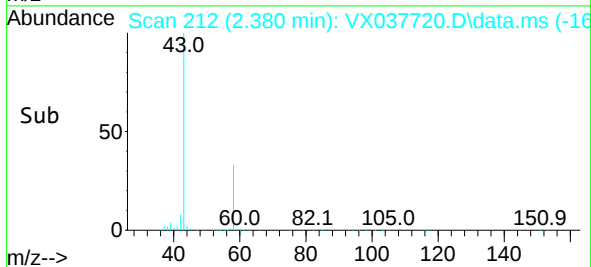
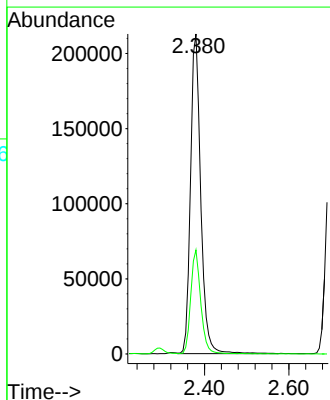
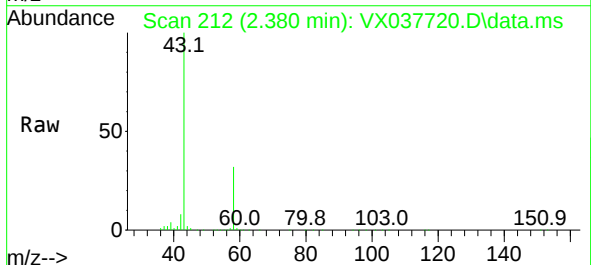
Manual Integrations
APPROVED

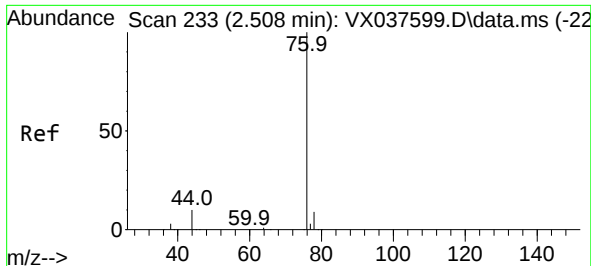
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#16
Acetone
Concen: 246.288 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Tgt Ion: 43 Resp: 358572
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9





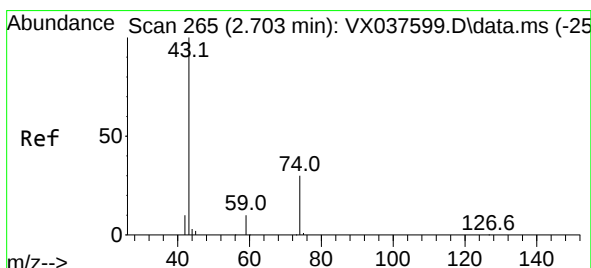
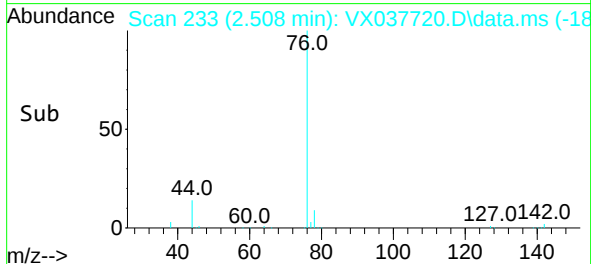
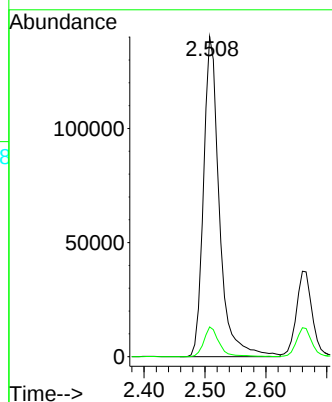
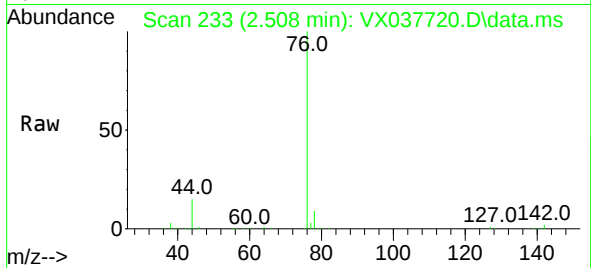
#17
Carbon Disulfide
Concen: 43.539 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 253458
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

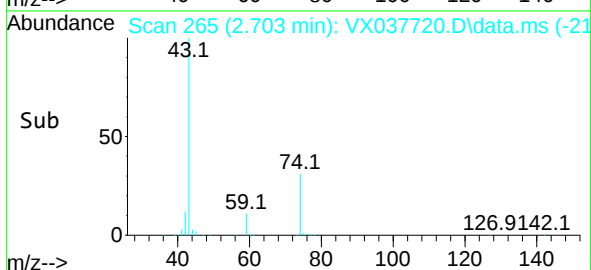
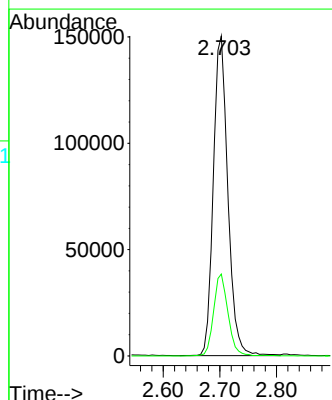
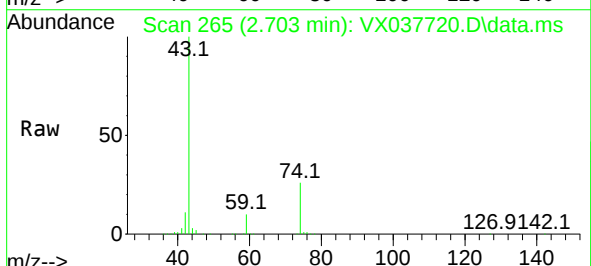
Manual Integrations
APPROVED

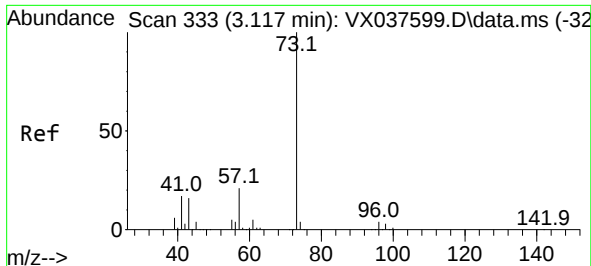
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#18
Methyl Acetate
Concen: 43.464 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

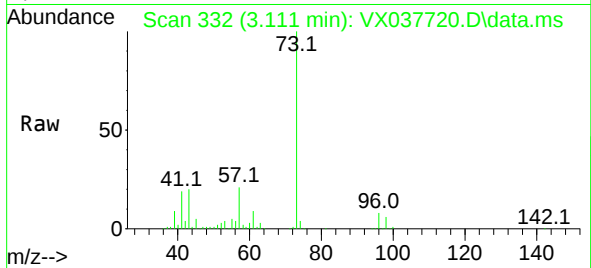
Tgt Ion: 43 Resp: 267231
Ion Ratio Lower Upper
43 100
74 25.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 46.639 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

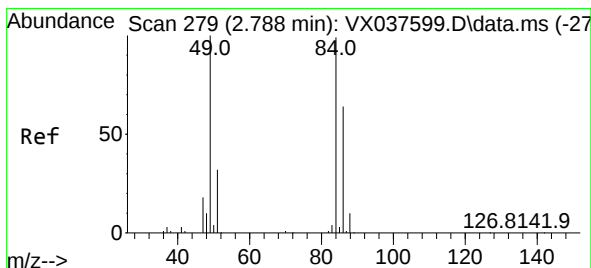
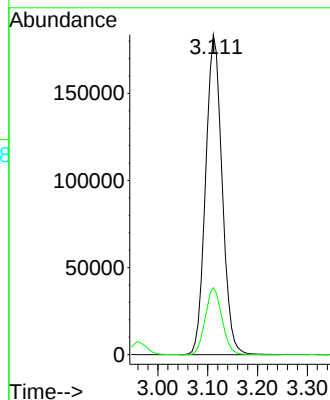
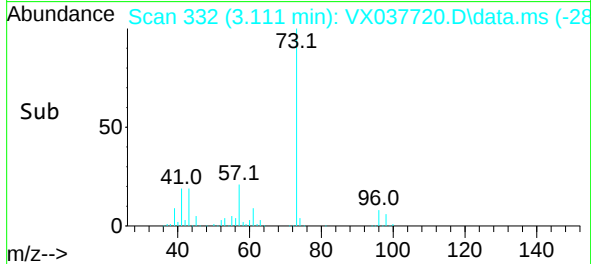
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 42163
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

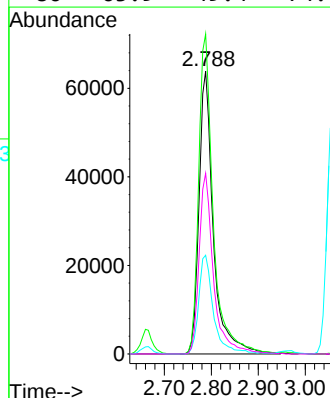
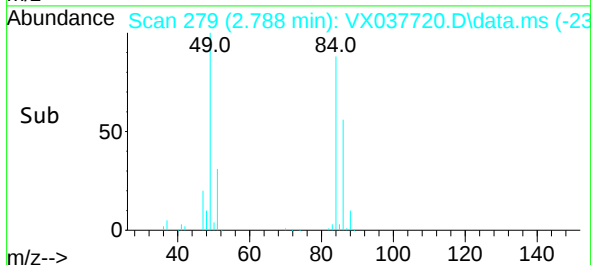
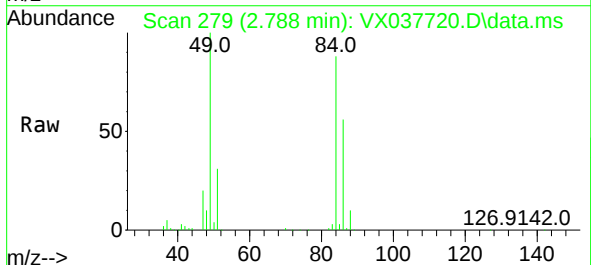
Manual Integrations
APPROVED

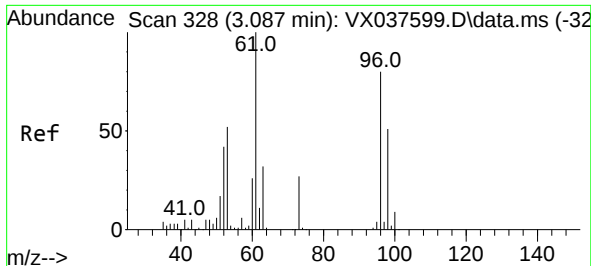
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#20
Methylene Chloride
Concen: 48.184 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

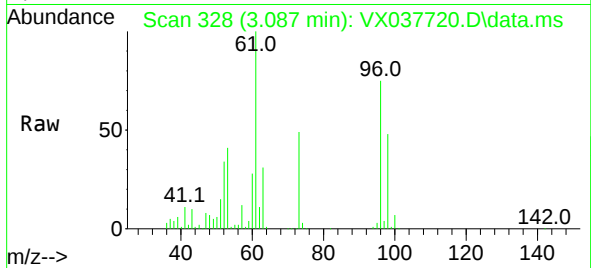
Tgt Ion: 84 Resp: 135771
Ion Ratio Lower Upper
84 100
49 113.2 103.6 155.4
51 34.9 33.8 50.6
86 63.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.606 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

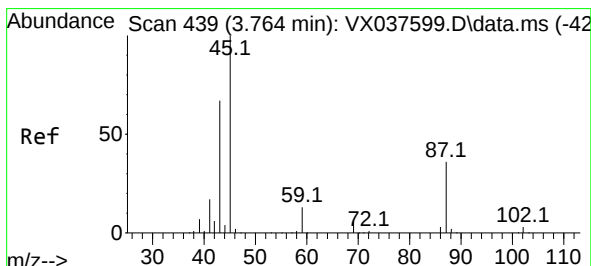
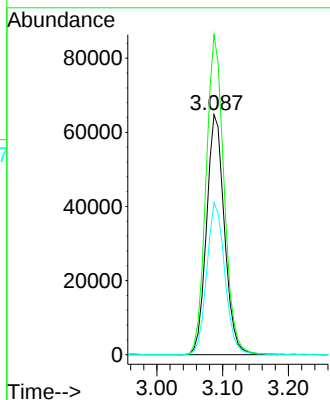
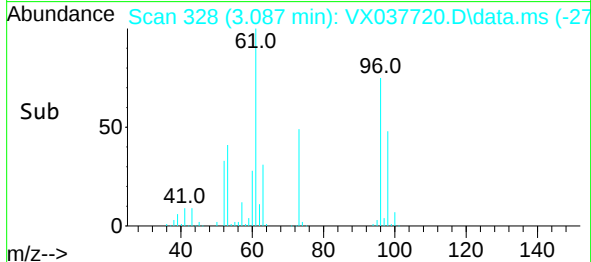
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



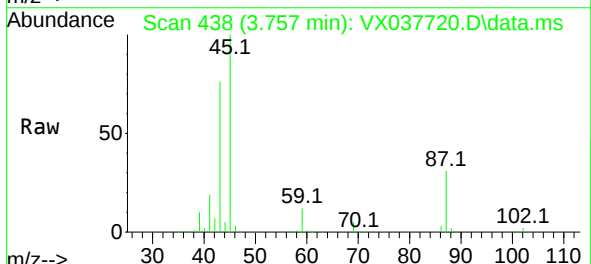
Tgt Ion: 96 Resp: 122789
Ion Ratio Lower Upper
96 100
61 133.3 119.2 178.8
98 63.5 48.7 73.1

Manual Integrations
APPROVED

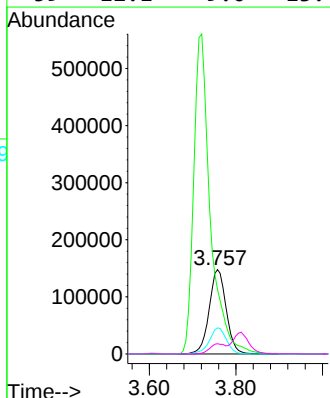
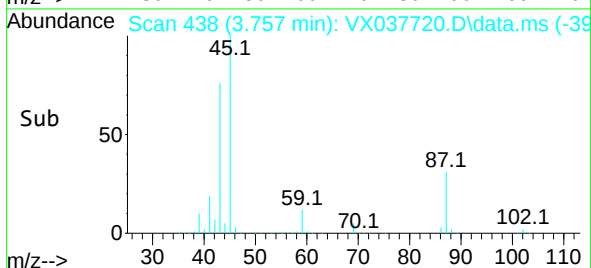
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023

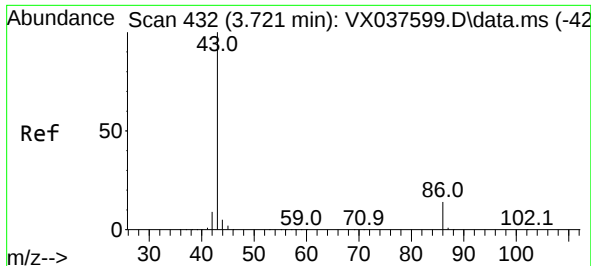


#22
Diisopropyl ether
Concen: 46.120 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10



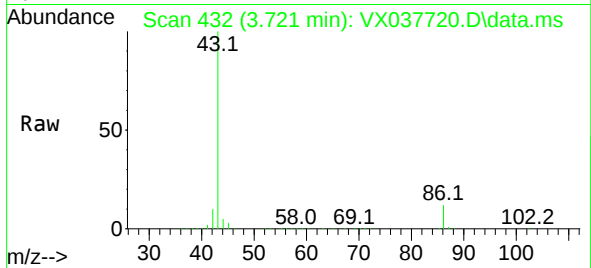
Tgt Ion: 45 Resp: 403063
Ion Ratio Lower Upper
45 100
43 76.1 69.7 104.5
87 30.8 20.8 31.2
59 12.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 234.764 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037720.D
 Acq: 14 Sep 2023 11:10

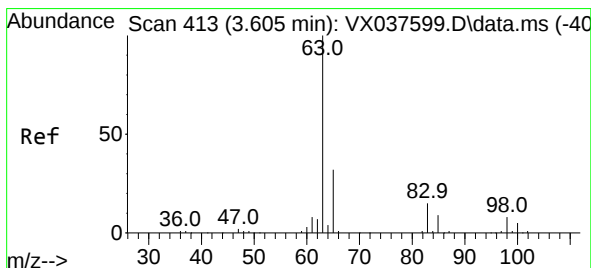
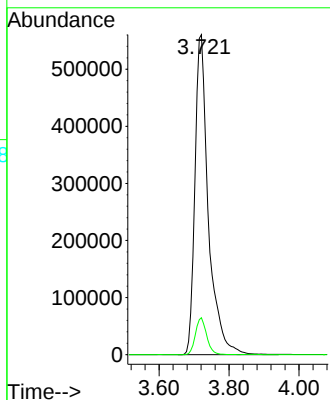
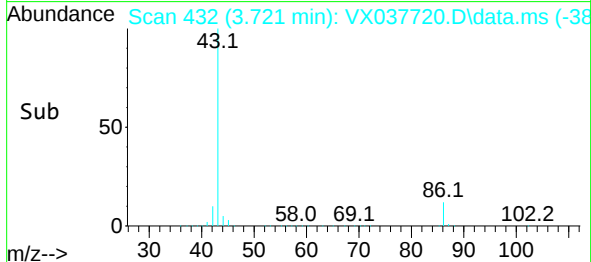
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



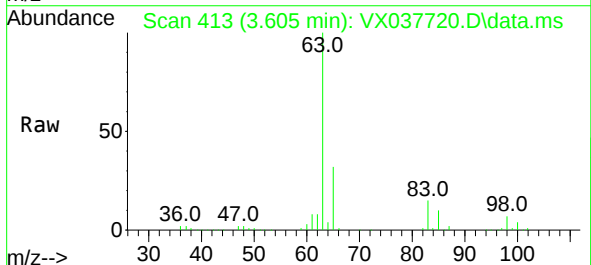
Tgt Ion: 43 Resp: 1496530
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.8 11.8

Manual Integrations
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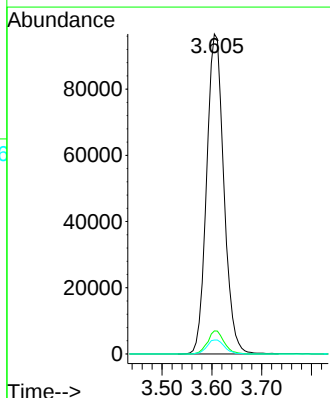
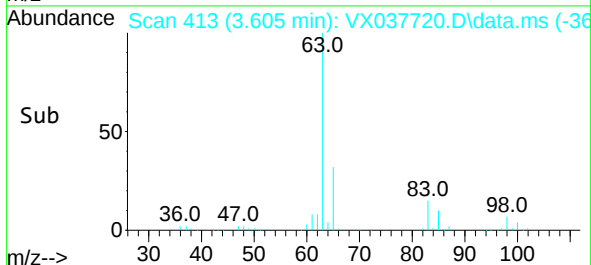
Reviewed By :John Carlone 09/14/2023
 Supervised By :Mahesh Dadoda 09/15/2023

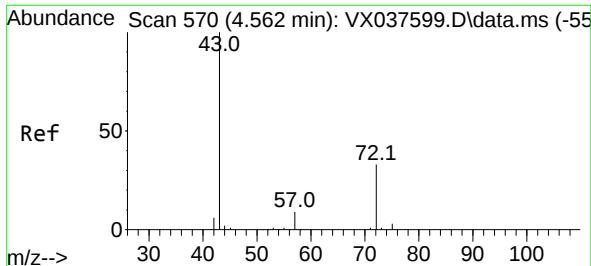


#24
 1,1-Dichloroethane
 Concen: 45.545 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037720.D
 Acq: 14 Sep 2023 11:10



Tgt Ion: 63 Resp: 231951
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.4 2.1 6.5





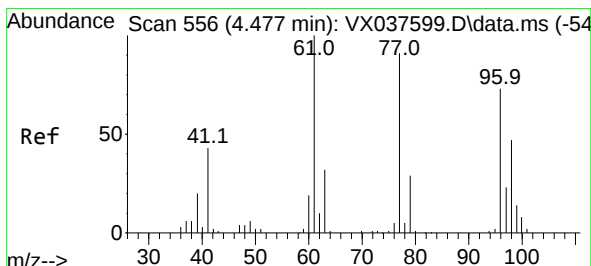
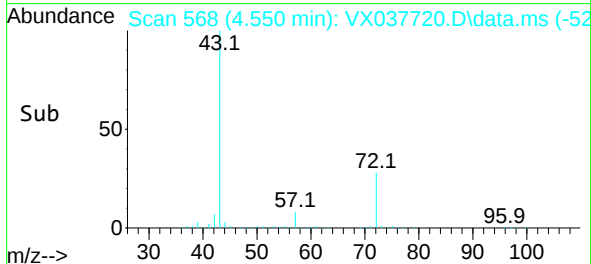
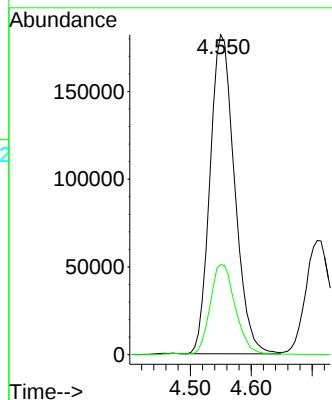
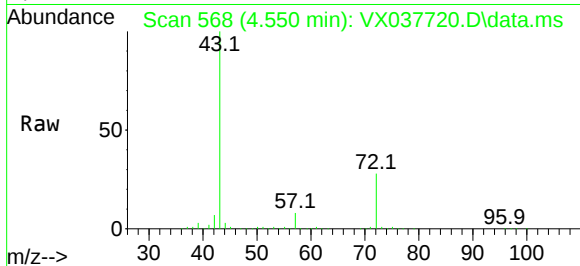
#25
2-Butanone
Concen: 214.977 ug/l
RT: 4.550 min Scan# 510
Delta R.T. -0.012 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 510330
Ion Ratio Lower Upper
43 100
72 28.1 19.4 29.2

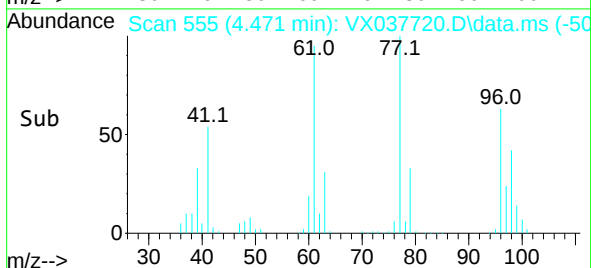
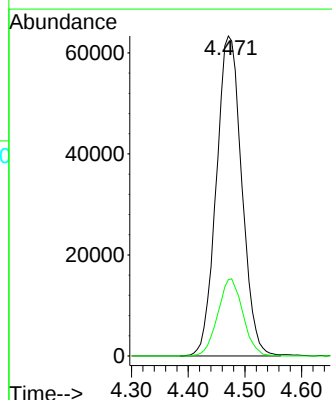
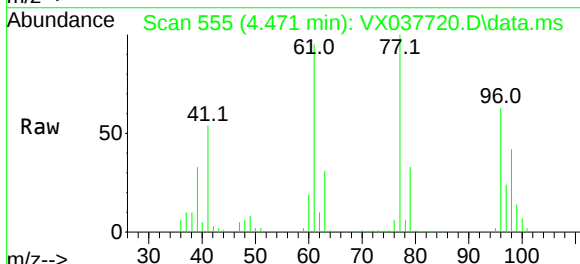
Manual Integrations
APPROVED

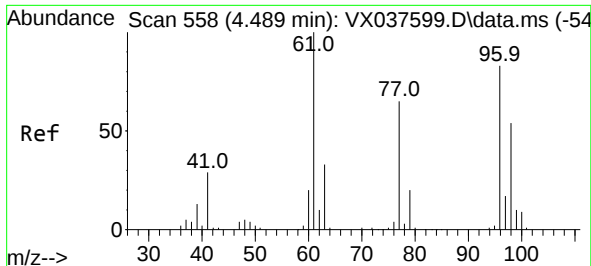
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#26
2,2-Dichloropropane
Concen: 55.673 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Tgt Ion: 77 Resp: 197230
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 47.379 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: VX037720.D
 Acq: 14 Sep 2023 11:10

Instrument :

MSVOA_X

ClientSampleId :

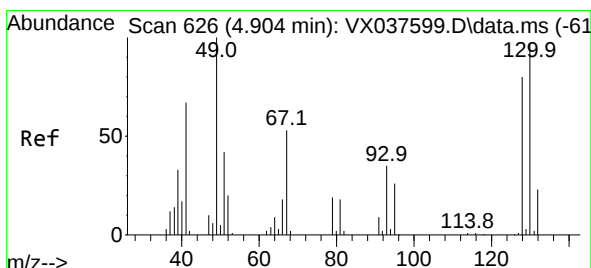
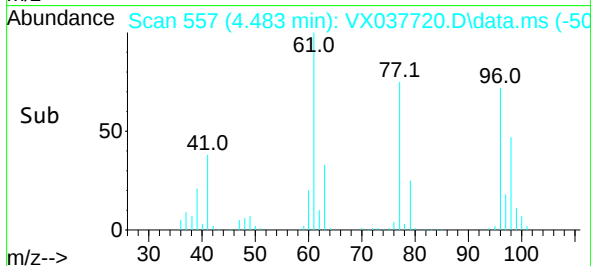
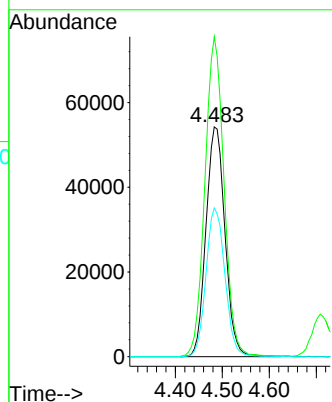
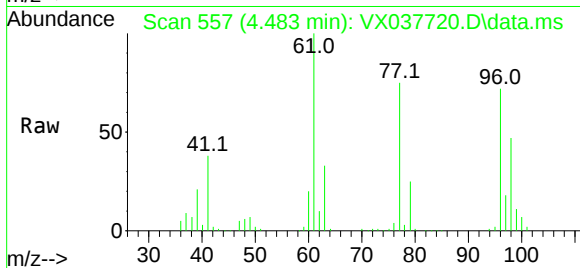
VSTDCCC050

Tgt Ion: 96 Resp: 152220
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 312.2
 98 64.8 0.0 129.0

Manual Integrations

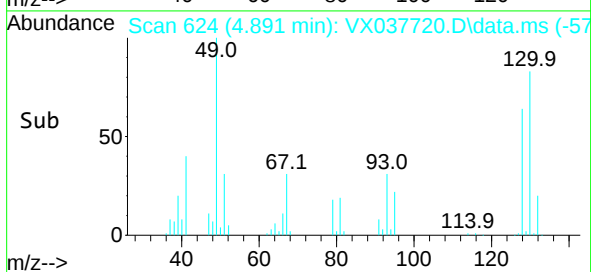
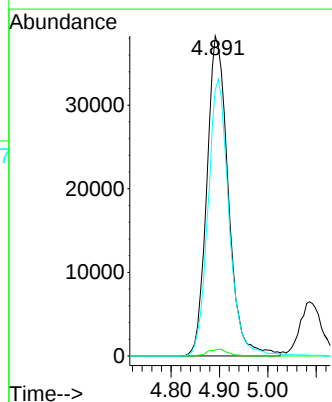
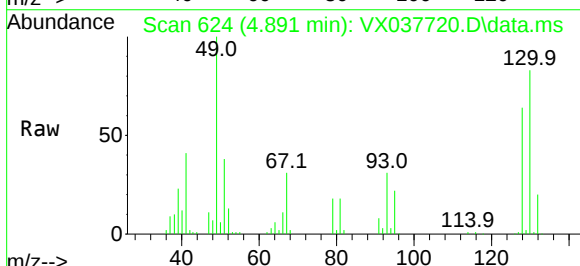
APPROVED

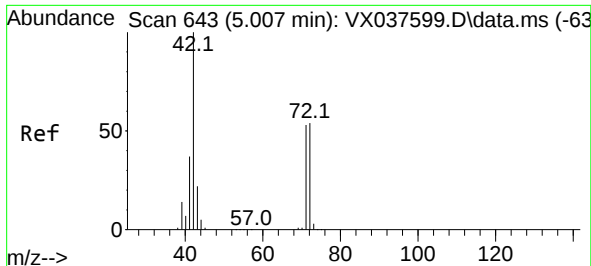
Reviewed By :John Carlone 09/14/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#28
 Bromochloromethane
 Concen: 45.731 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.012 min
 Lab File: VX037720.D
 Acq: 14 Sep 2023 11:10

Tgt Ion: 49 Resp: 117664
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 84.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 209.841 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.012 min

Lab File: VX037720.D

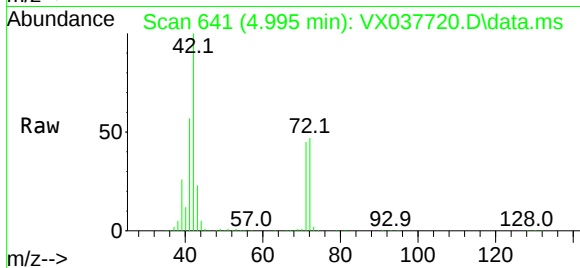
Acq: 14 Sep 2023 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



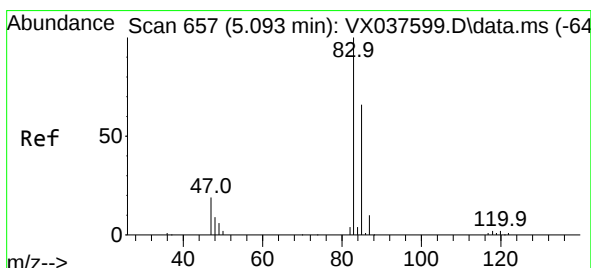
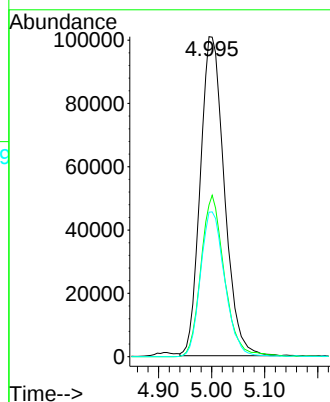
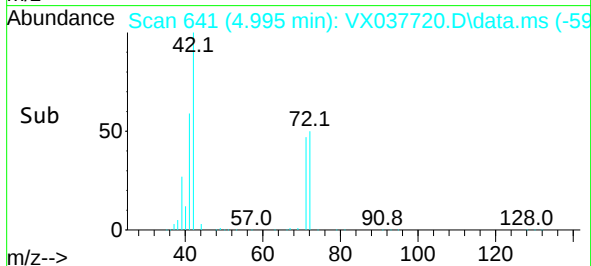
Tgt Ion:	42	Resp:	31722
Ion Ratio	Lower	Upper	
42	100		
72	49.4	34.2	51.4
71	45.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/15/2023



#30

Chloroform

Concen: 46.328 ug/l

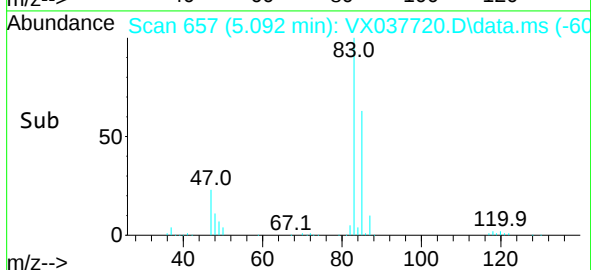
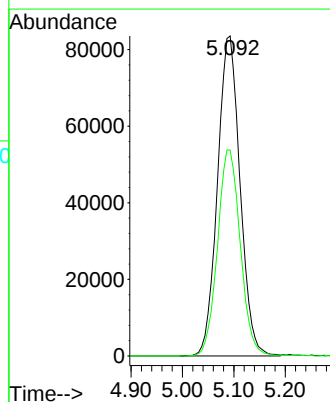
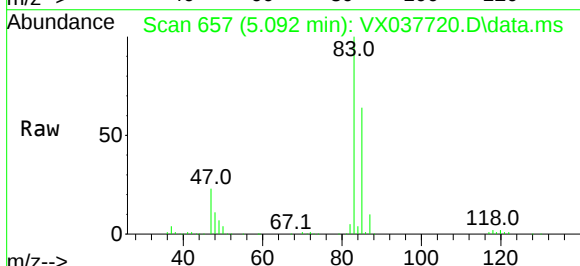
RT: 5.092 min Scan# 657

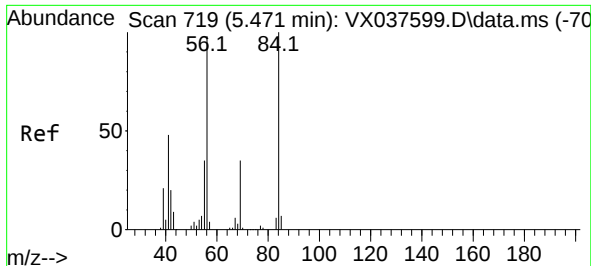
Delta R.T. -0.000 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

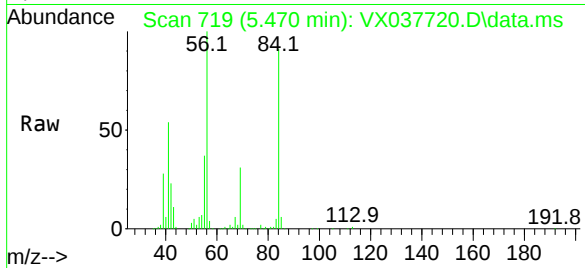
Tgt Ion:	83	Resp:	254805
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.3	75.5





#31
Cyclohexane
Concen: 46.743 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

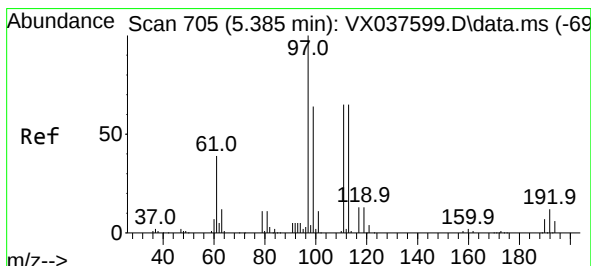
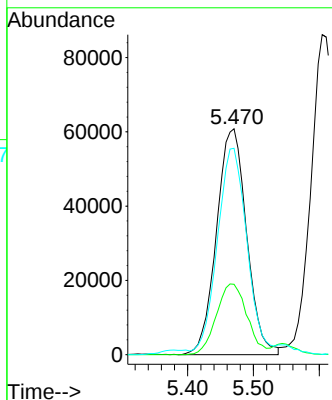
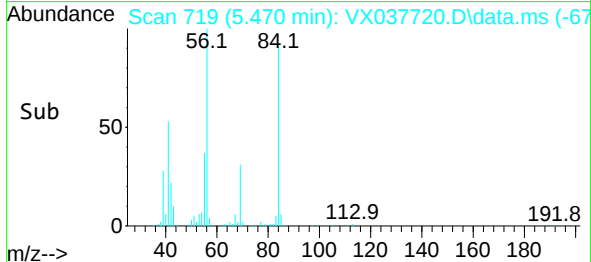
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 193834
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 89.4 65.9 98.9

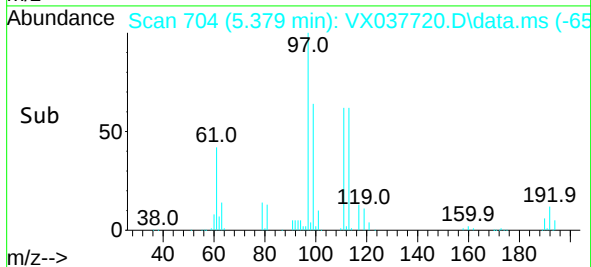
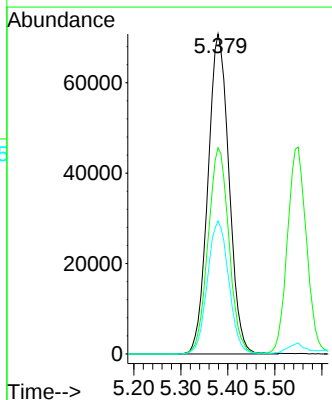
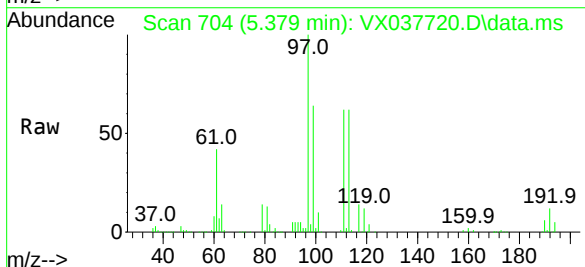
Manual Integrations
APPROVED

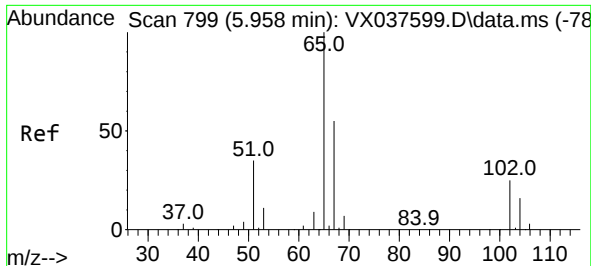
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#32
1,1,1-Trichloroethane
Concen: 48.110 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Tgt Ion: 97 Resp: 220232
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 42.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 42.568 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 153290

Ion Ratio Lower Upper

65 100

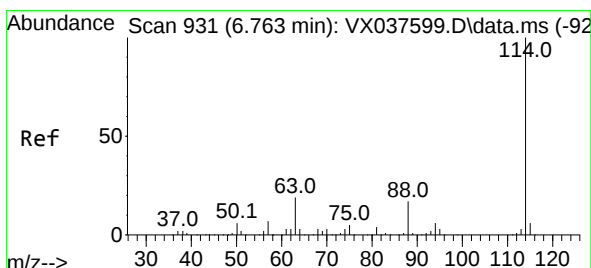
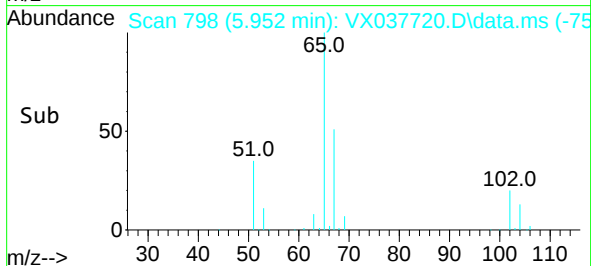
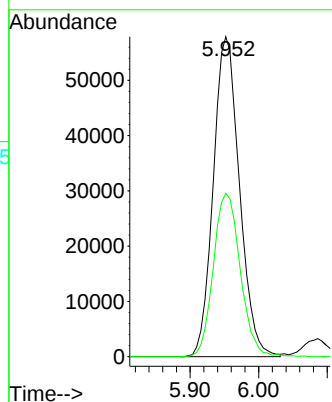
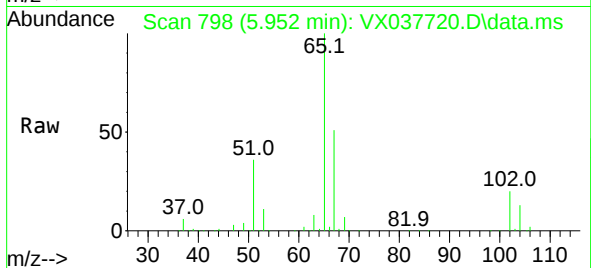
67 52.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

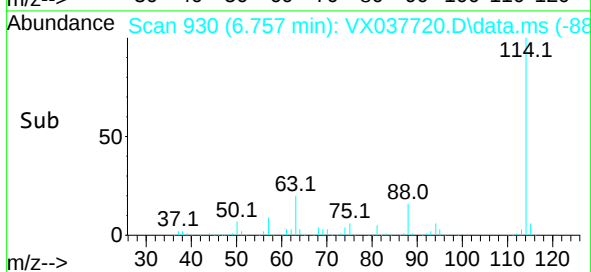
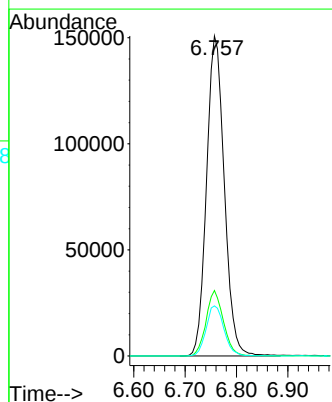
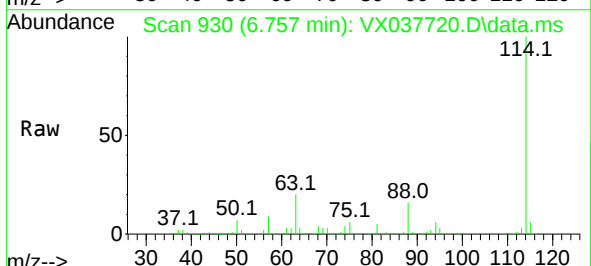
Tgt Ion:114 Resp: 362114

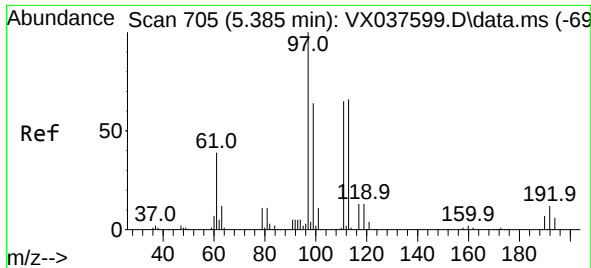
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

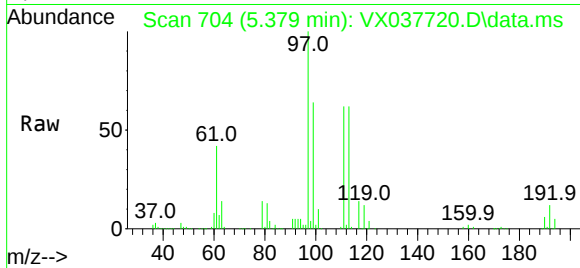
88 15.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.848 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

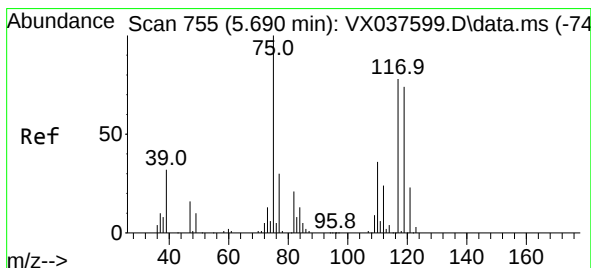
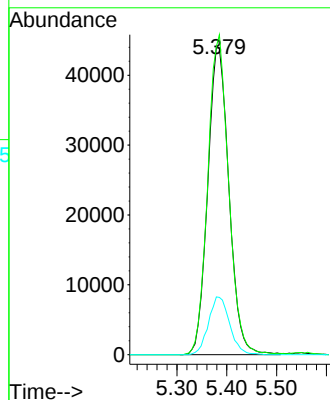
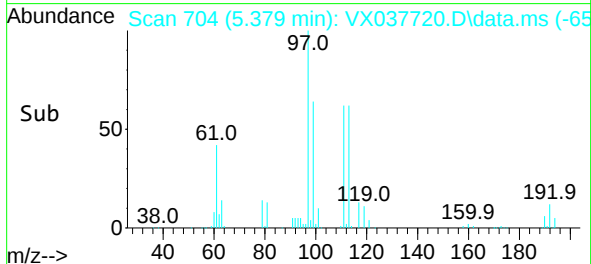
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 130512
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.7 13.3 19.9

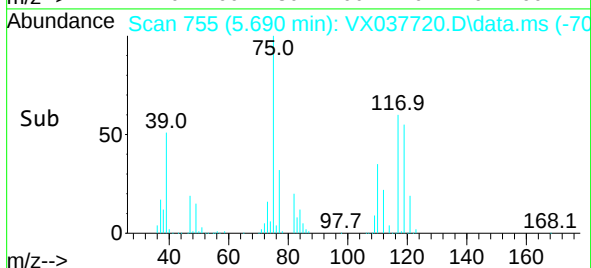
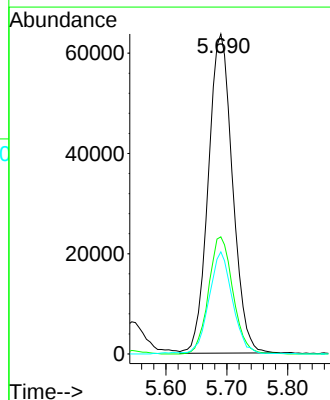
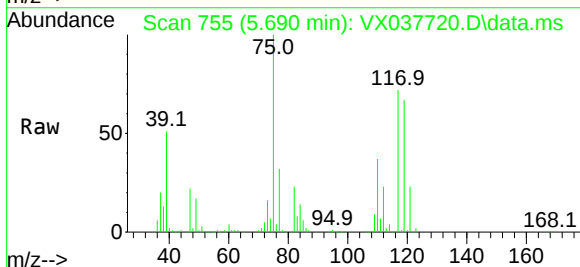
Manual Integrations
APPROVED

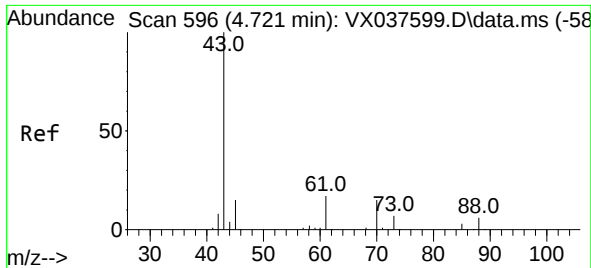
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#36
1,1-Dichloropropene
Concen: 50.413 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

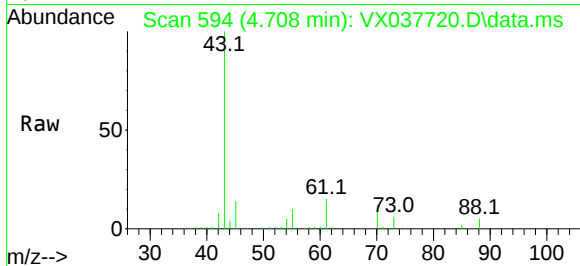
Tgt Ion: 75 Resp: 176024
Ion Ratio Lower Upper
75 100
110 36.9 17.0 50.9
77 30.6 24.7 37.1





#37
Ethyl Acetate
Concen: 48.571 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

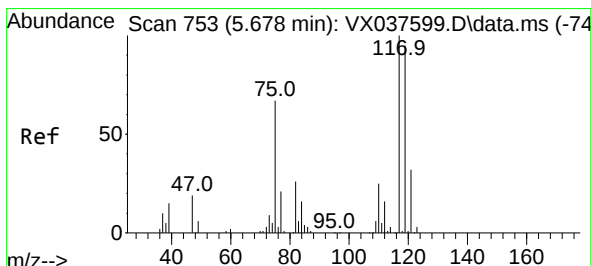
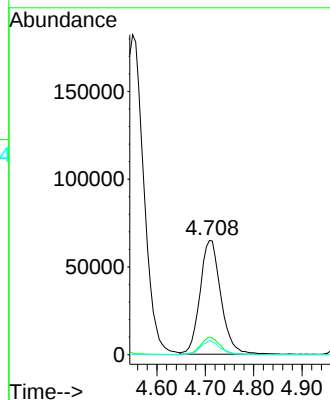
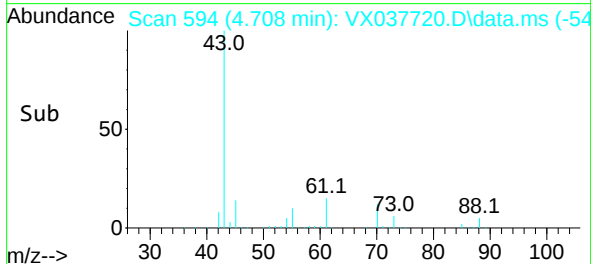
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 19405
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 11.4 8.3 12.5

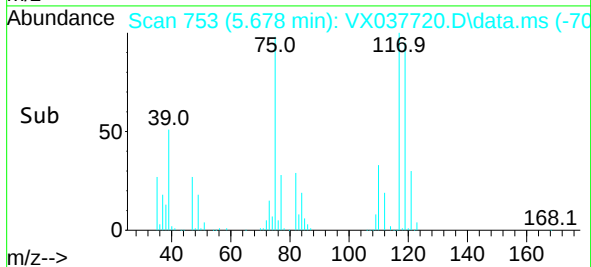
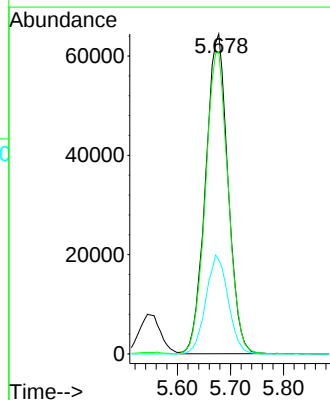
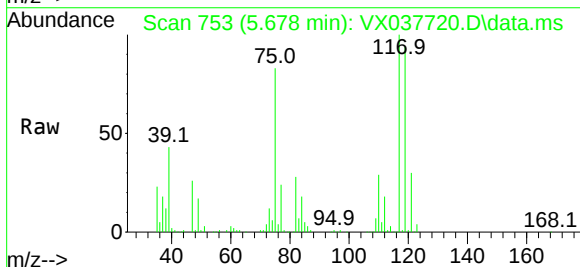
Manual Integrations
APPROVED

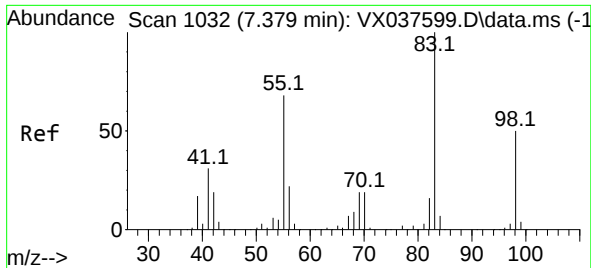
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#38
Carbon Tetrachloride
Concen: 52.959 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Tgt Ion:117 Resp: 188907
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.2
121 29.5 24.4 36.6





#39

Methylcyclohexane

Concen: 54.765 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 226272

Ion Ratio Lower Upper

83 100

55 73.8 64.6 97.0

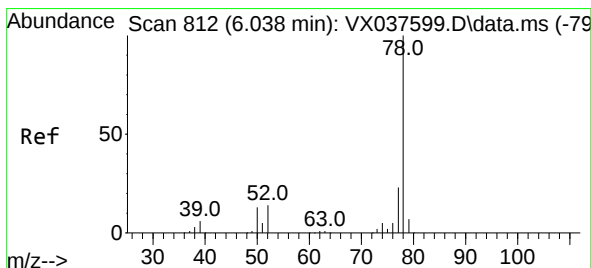
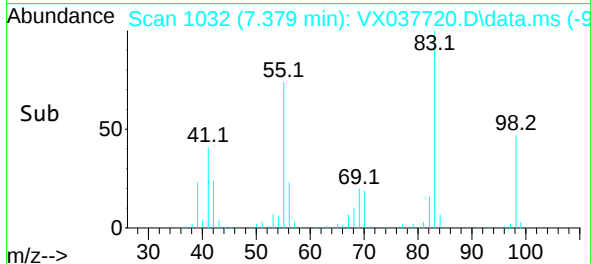
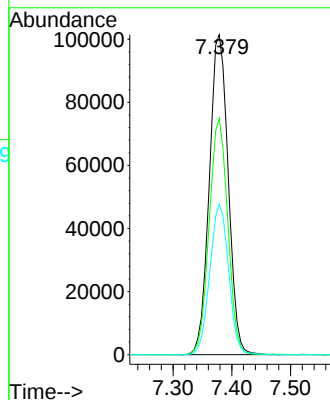
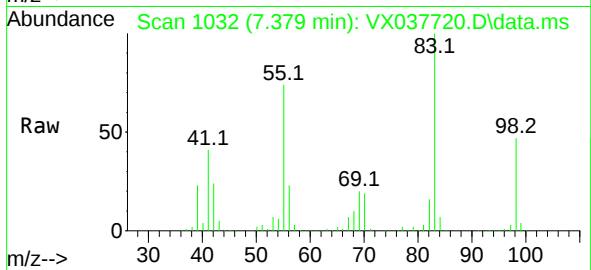
98 46.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/15/2023



#40

Benzene

Concen: 50.899 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX037720.D

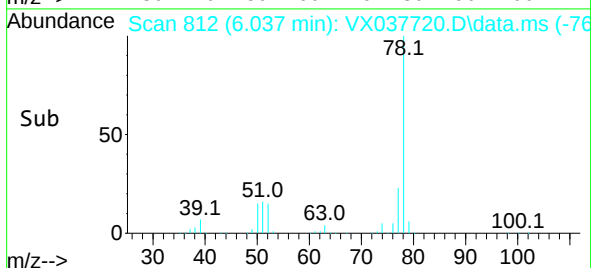
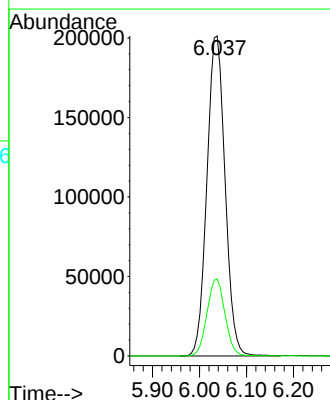
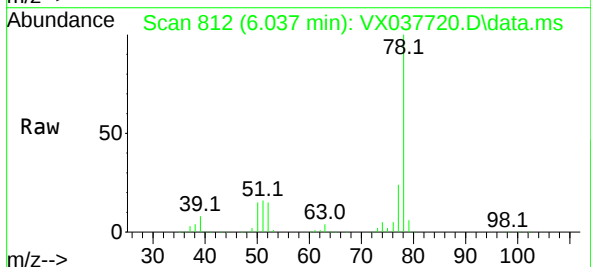
Acq: 14 Sep 2023 11:10

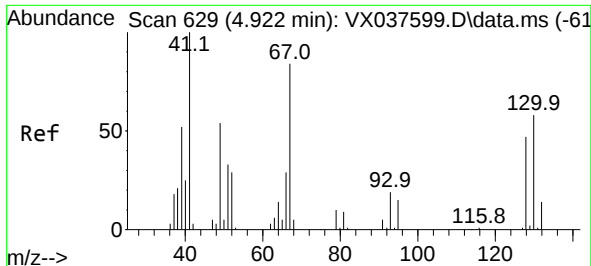
Tgt Ion: 78 Resp: 538782

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9





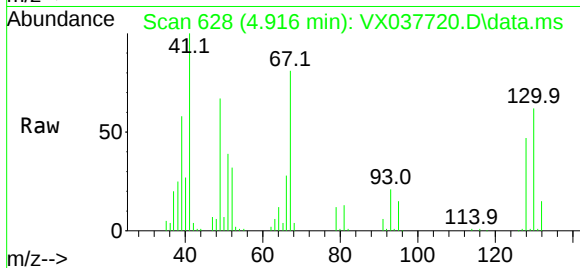
#41
Methacrylonitrile
Concen: 47.478 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



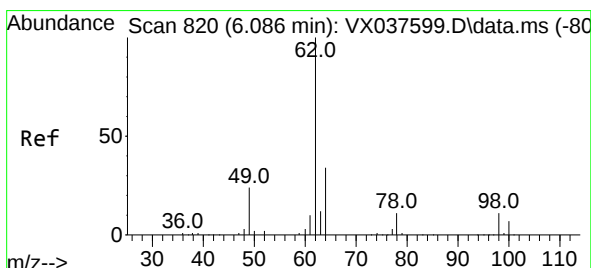
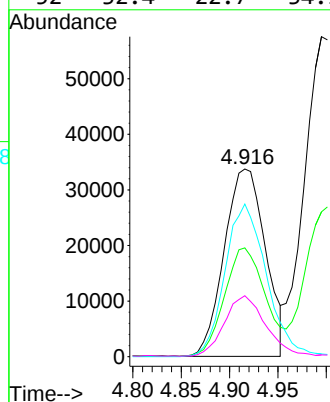
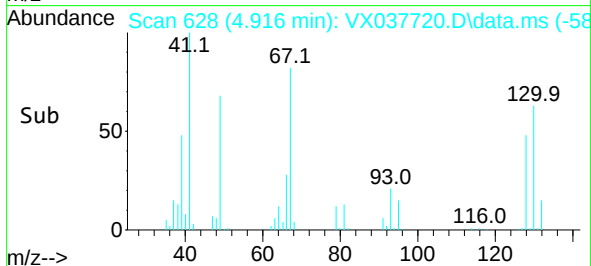
Tgt Ion:	41	Resp:	9991
Ion	Ratio	Lower	Upper
41	100		
39	58.3	45.2	67.8
67	82.8	52.6	78.8
52	32.4	22.7	34.1

Manual Integrations

APPROVED

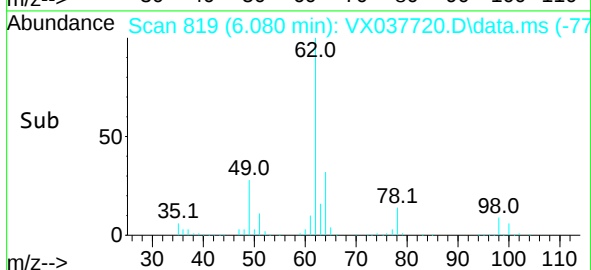
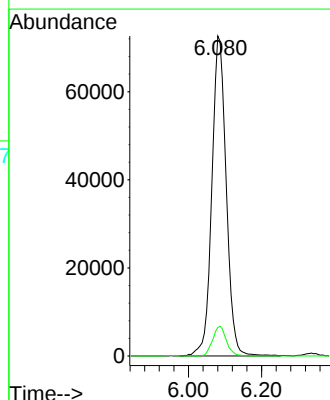
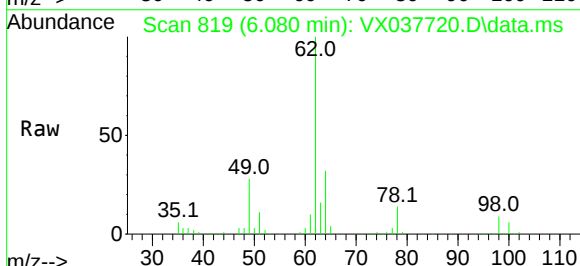
Reviewed By :John Carlone 09/14/2023

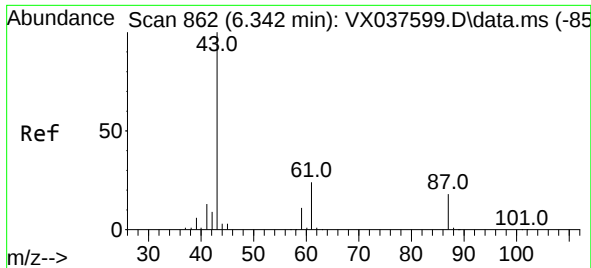
Supervised By :Mahesh Dadoda 09/15/2023



#42
1,2-Dichloroethane
Concen: 47.814 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Tgt Ion:	62	Resp:	197818
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.0





#43

Isopropyl Acetate

Concen: 50.197 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

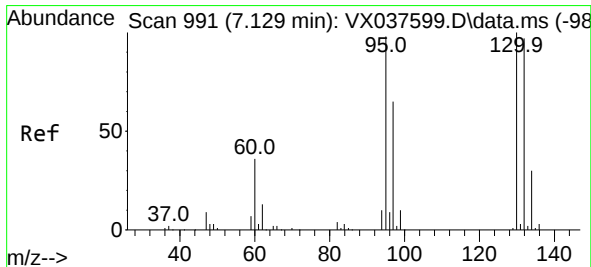
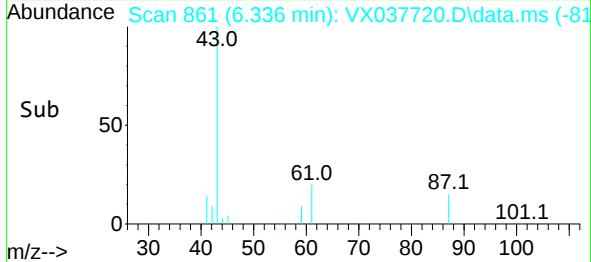
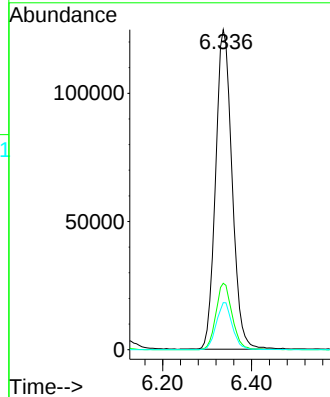
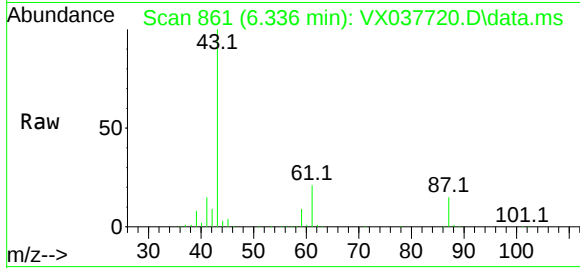
Tgt Ion: 43	Resp: 31994
Ion Ratio	Lower Upper
43 100	
61 20.3	15.2 22.8
87 14.2	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/15/2023



#44

Trichloroethene

Concen: 53.809 ug/l

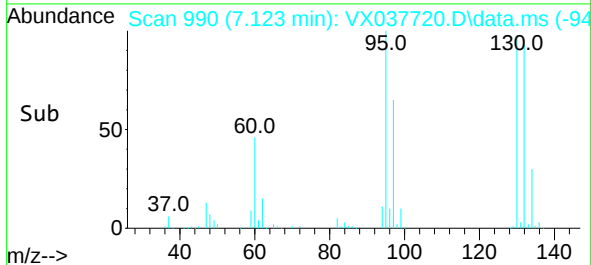
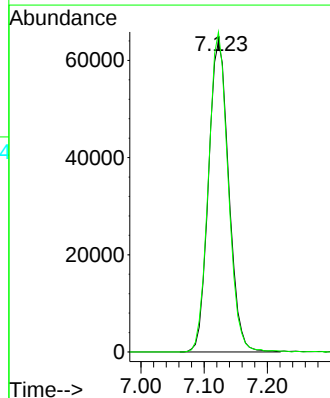
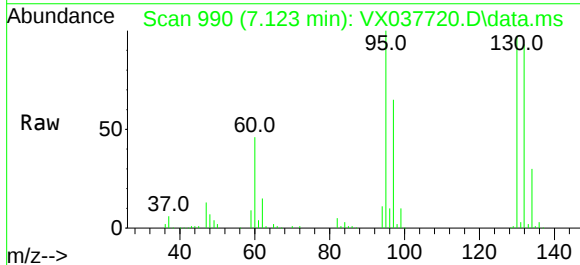
RT: 7.123 min Scan# 990

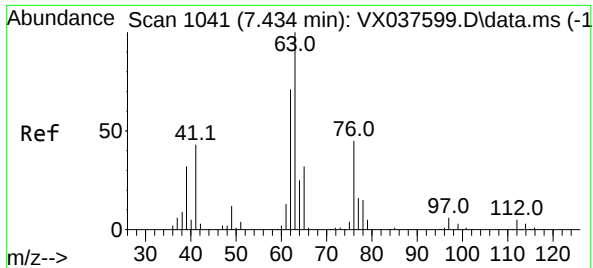
Delta R.T. -0.006 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

Tgt Ion:130	Resp: 142307
Ion Ratio	Lower Upper
130 100	
95 103.2	0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.408 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 143608

Ion Ratio Lower Upper

63 100

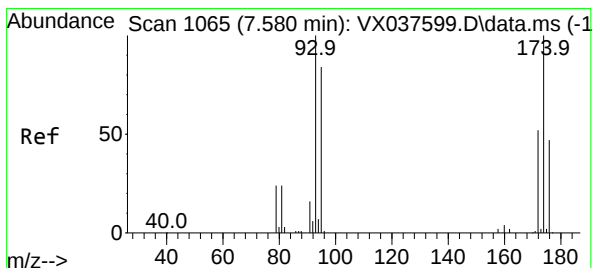
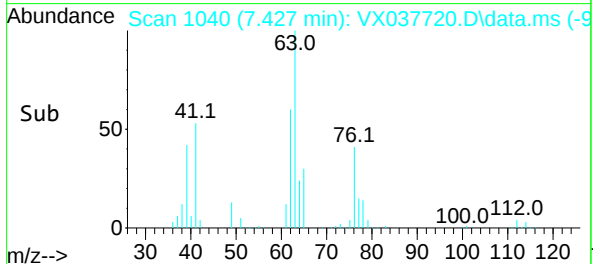
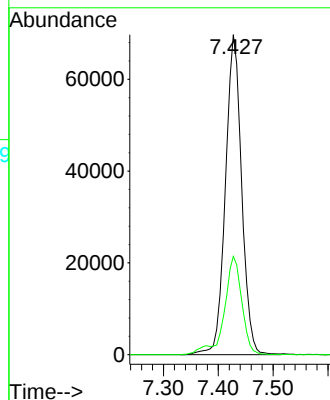
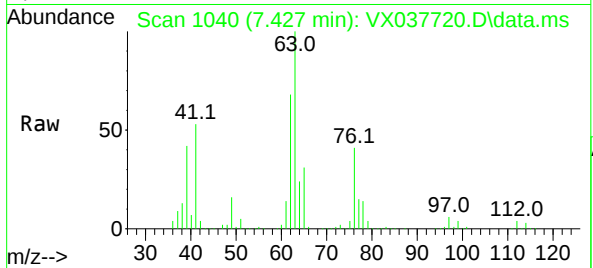
65 30.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/15/2023



#46

Dibromomethane

Concen: 50.960 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

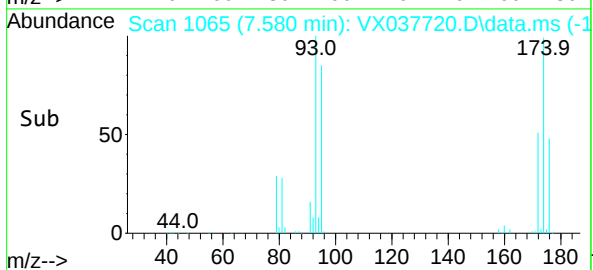
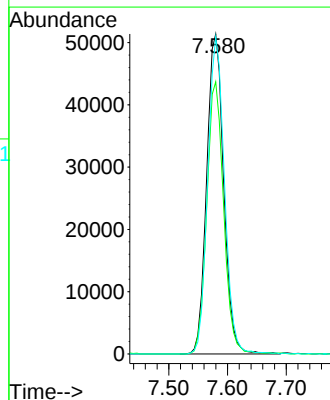
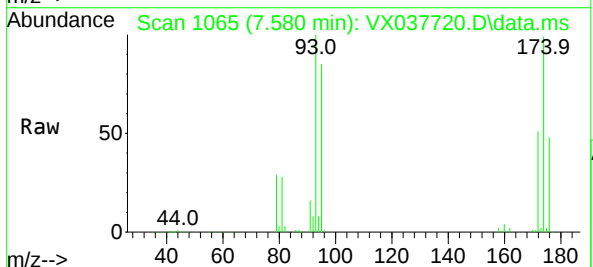
Tgt Ion: 93 Resp: 103565

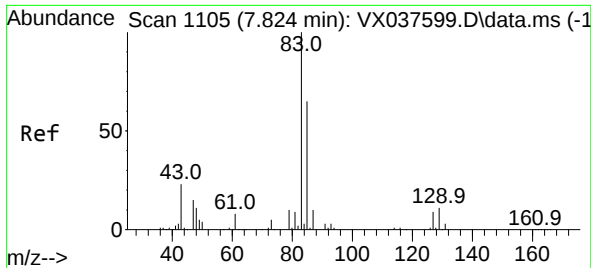
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 97.3 69.4 104.0





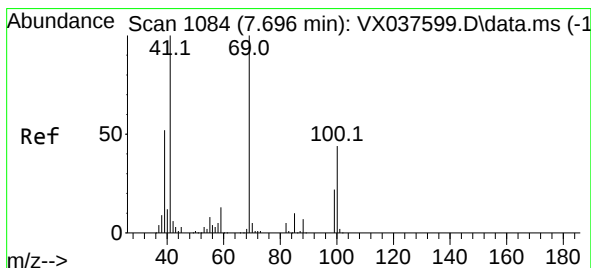
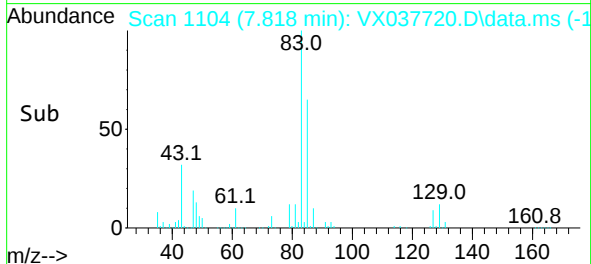
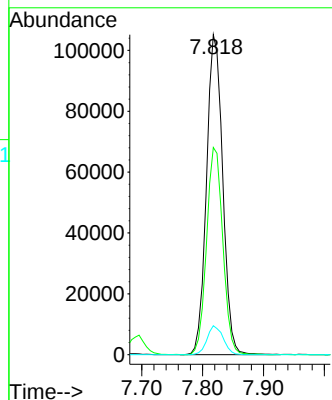
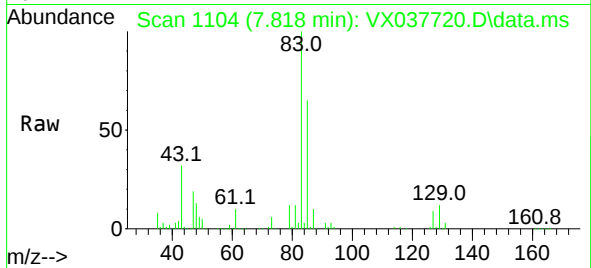
#47
Bromodichloromethane
Concen: 53.060 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 19466
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 9.0 7.1 10.7

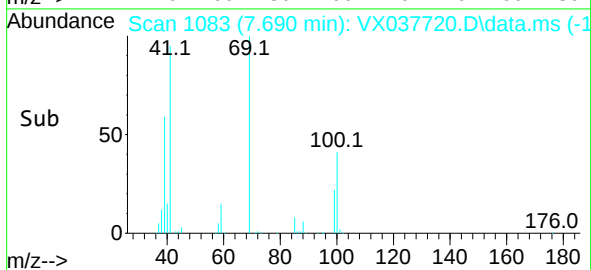
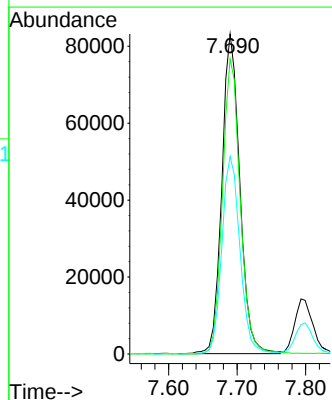
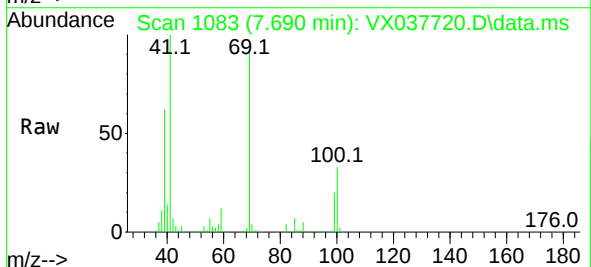
Manual Integrations
APPROVED

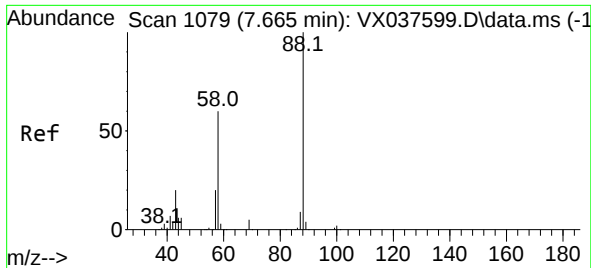
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#48
Methyl methacrylate
Concen: 48.942 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

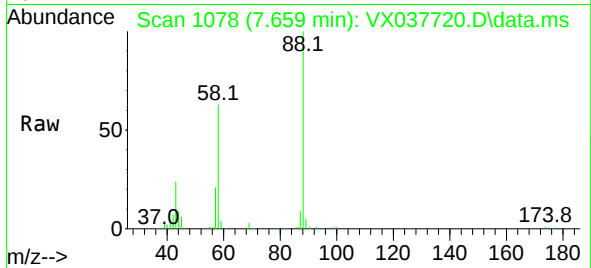
Tgt Ion: 41 Resp: 150794
Ion Ratio Lower Upper
41 100
69 91.6 59.2 88.8
39 62.6 47.7 71.5





#49
1,4-Dioxane
Concen: 1033.638 ug/l
RT: 7.659 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

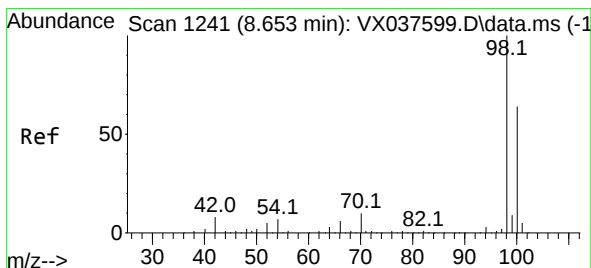
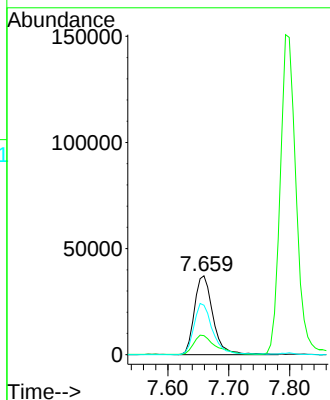
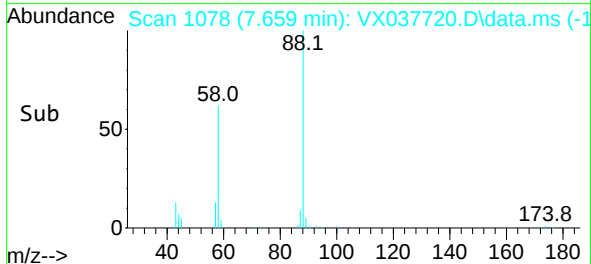
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 78904
Ion Ratio Lower Upper
88 100
43 28.5 0.0 0.0
58 64.8 60.1 90.1

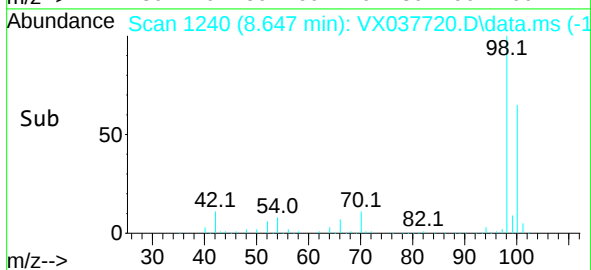
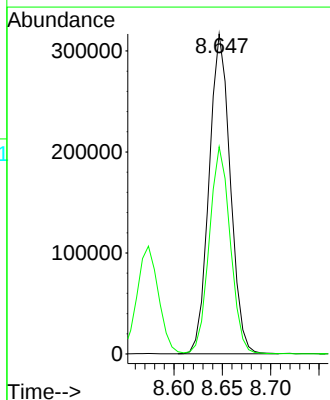
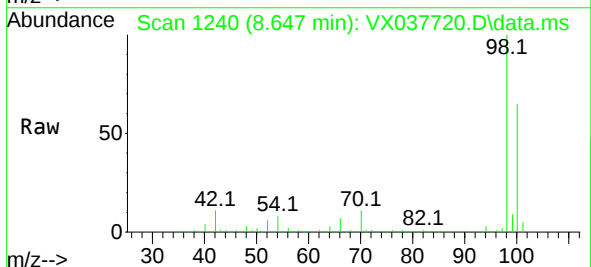
Manual Integrations
APPROVED

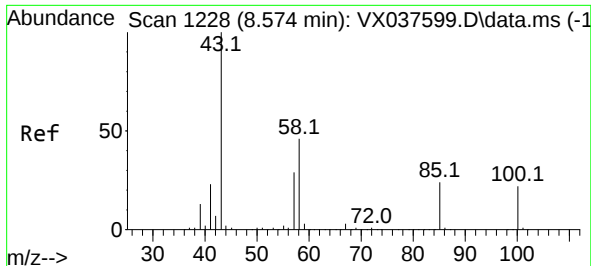
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#50
Toluene-d8
Concen: 49.827 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Tgt Ion: 98 Resp: 482331
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 242.373 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1014400

Ion Ratio Lower Upper

43 100

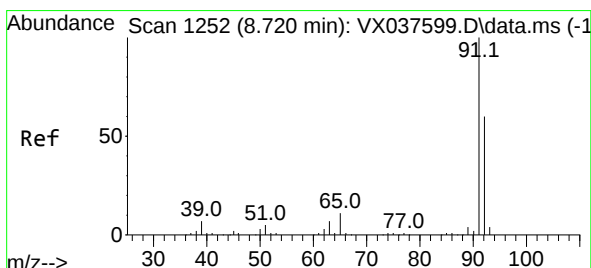
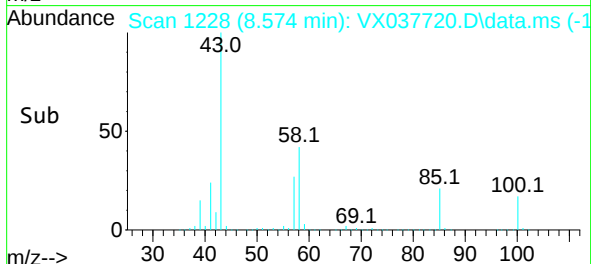
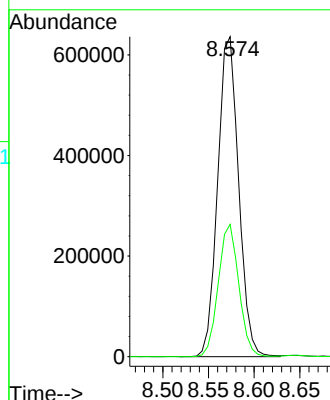
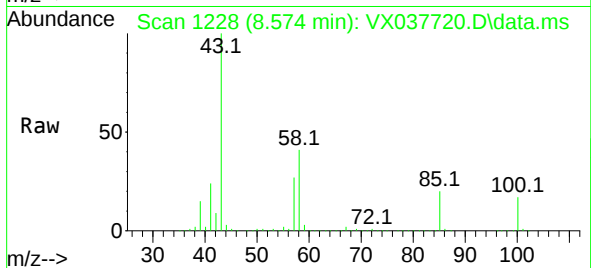
58 40.6 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/15/2023



#52

Toluene

Concen: 51.902 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037720.D

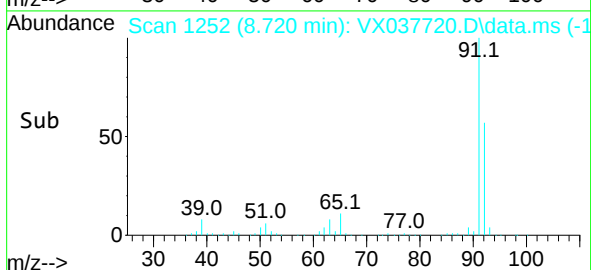
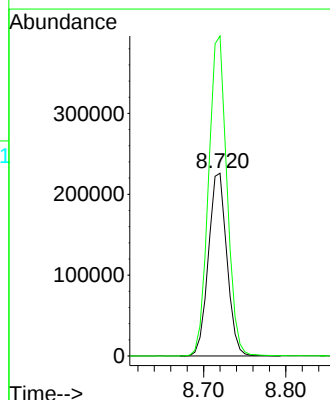
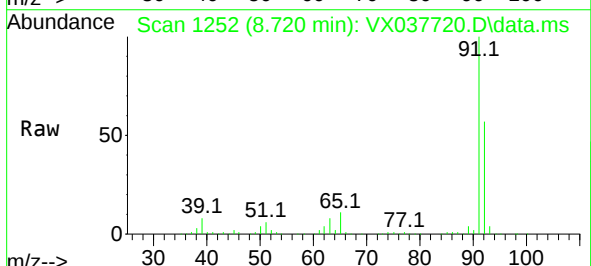
Acq: 14 Sep 2023 11:10

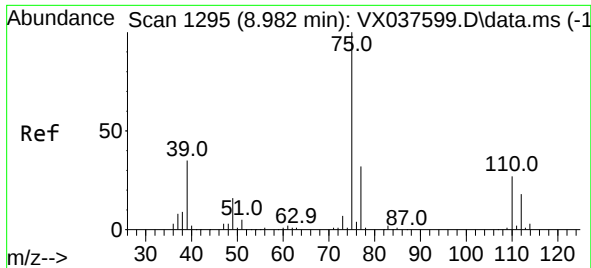
Tgt Ion: 92 Resp: 353243

Ion Ratio Lower Upper

92 100

91 174.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 56.972 ug/l

RT: 8.976 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 21191

Ion Ratio Lower Upper

75 100

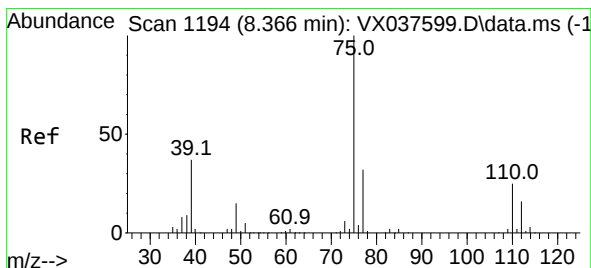
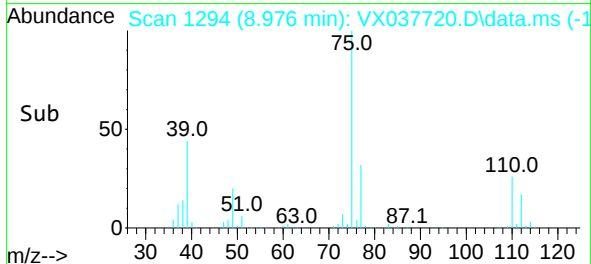
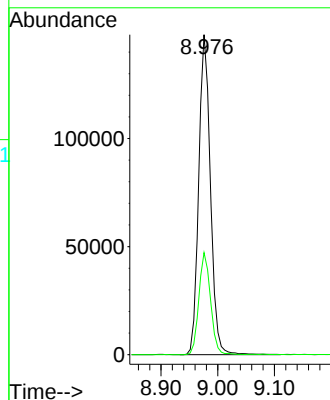
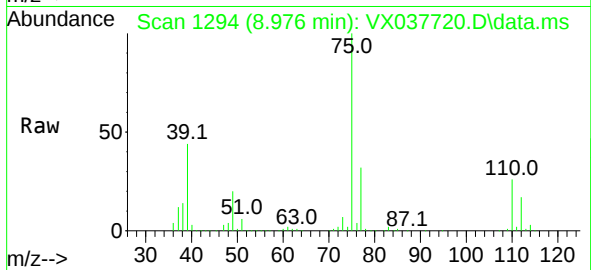
77 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/15/2023



#54

cis-1,3-Dichloropropene

Concen: 56.362 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

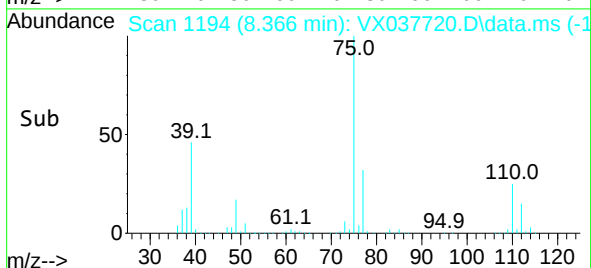
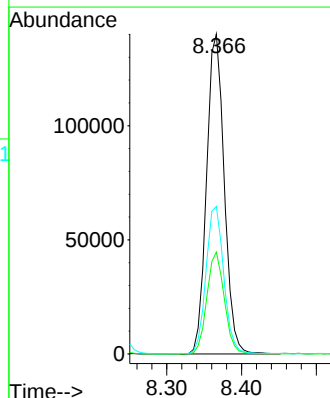
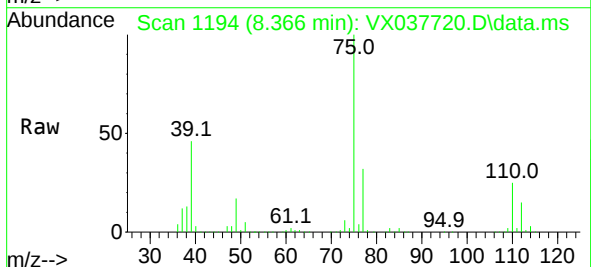
Tgt Ion: 75 Resp: 230040

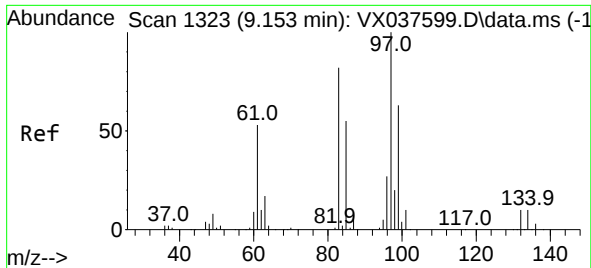
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

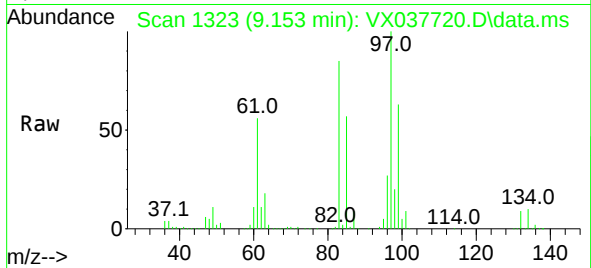
39 46.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 52.466 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

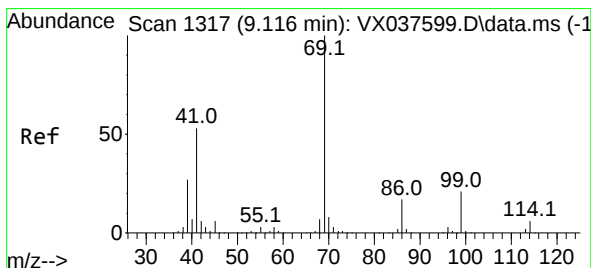
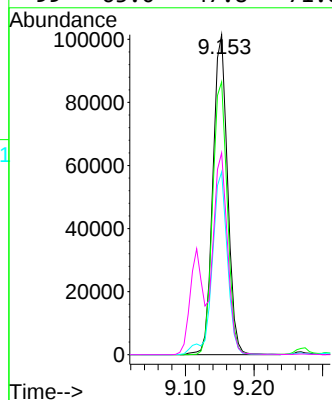
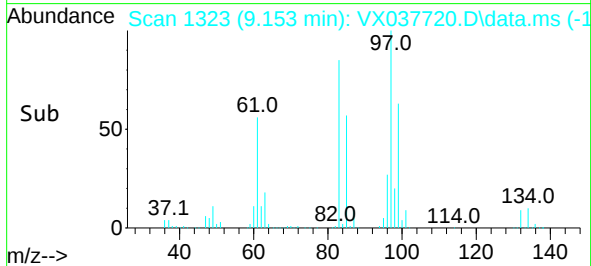
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 15036
Ion Ratio Lower Upper
97 100
83 85.3 65.8 98.8
85 57.1 41.6 62.4
99 63.0 47.8 71.8

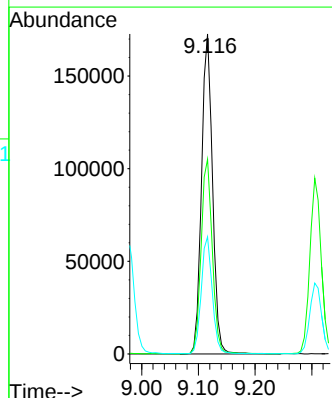
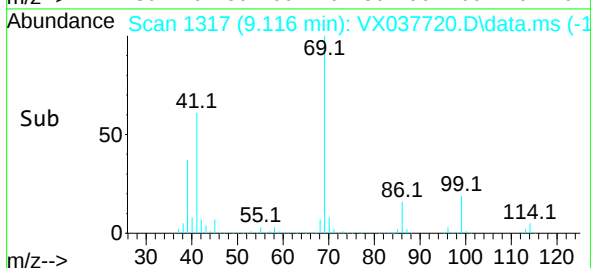
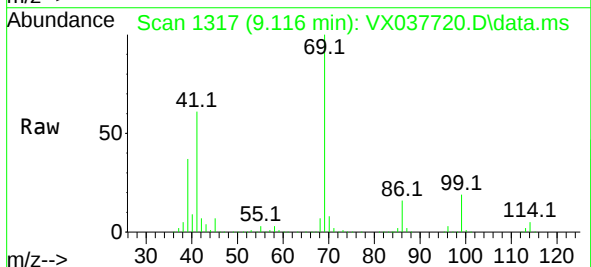
Manual Integrations
APPROVED

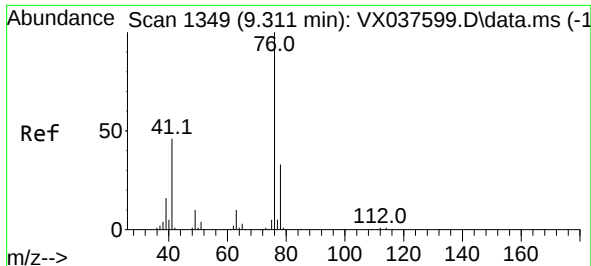
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#56
Ethyl methacrylate
Concen: 53.134 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

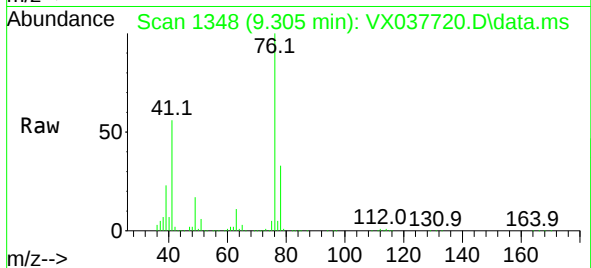
Tgt Ion: 69 Resp: 232984
Ion Ratio Lower Upper
69 100
41 62.1 56.8 85.2
39 36.5 32.0 48.0





#57
1,3-Dichloropropane
Concen: 50.670 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

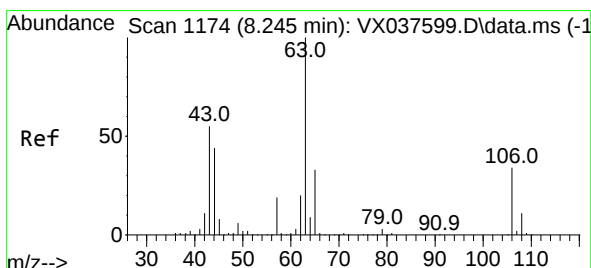
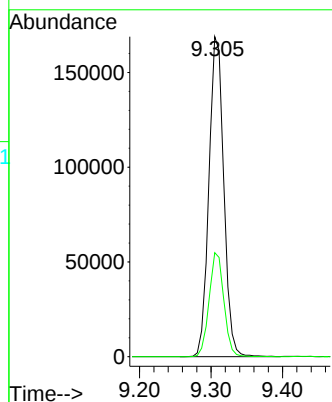
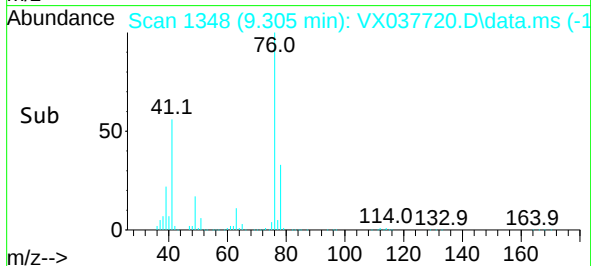
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



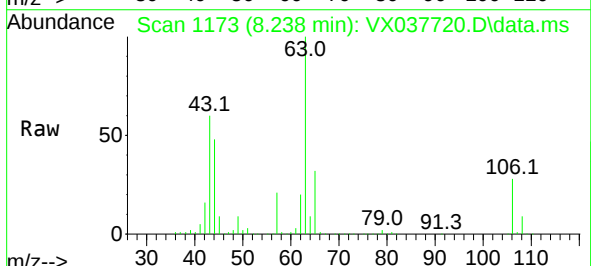
Tgt Ion: 76 Resp: 243570
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

Manual Integrations
APPROVED

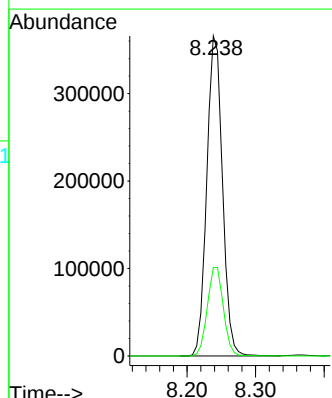
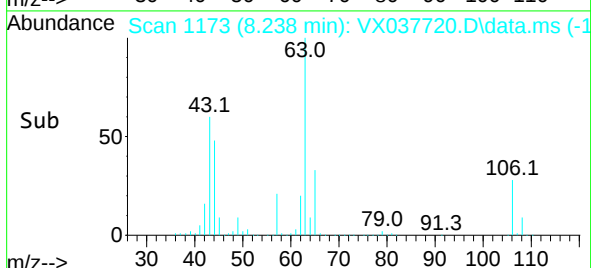
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023

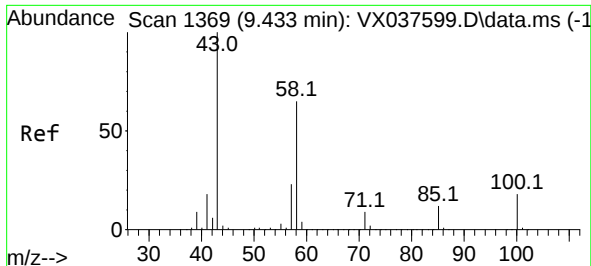


#58
2-Chloroethyl Vinyl ether
Concen: 274.222 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10



Tgt Ion: 63 Resp: 583023
Ion Ratio Lower Upper
63 100
106 28.2 22.5 33.7





#59

2-Hexanone

Concen: 250.523 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 80934

Ion Ratio Lower Upper

43 100

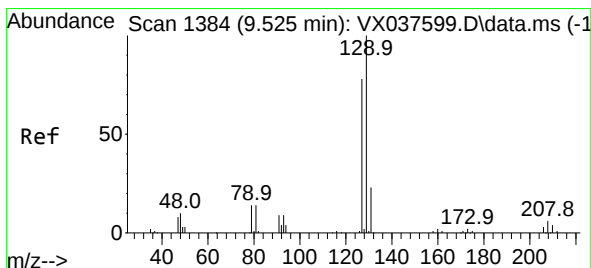
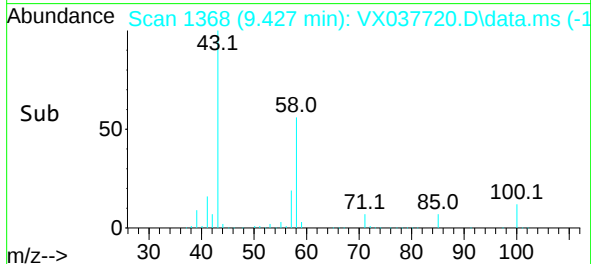
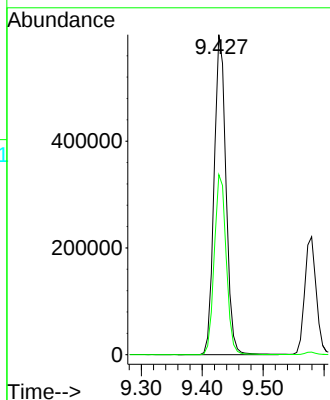
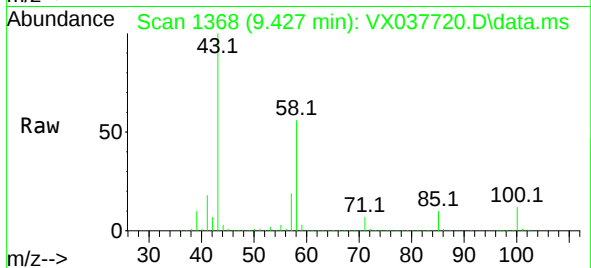
58 56.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/15/2023



#60

Dibromochloromethane

Concen: 55.557 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX037720.D

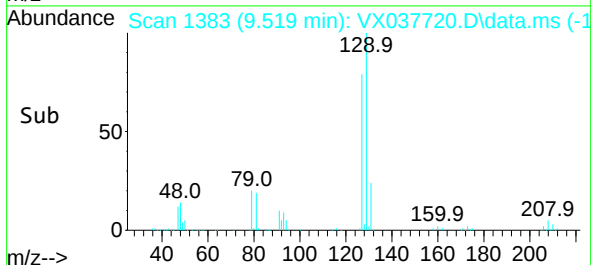
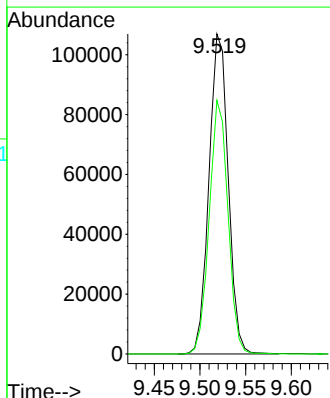
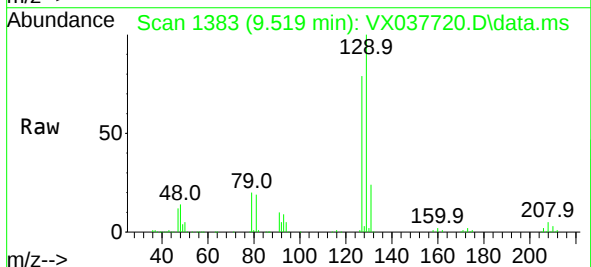
Acq: 14 Sep 2023 11:10

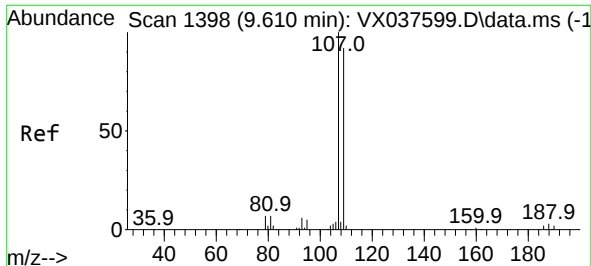
Tgt Ion:129 Resp: 156393

Ion Ratio Lower Upper

129 100

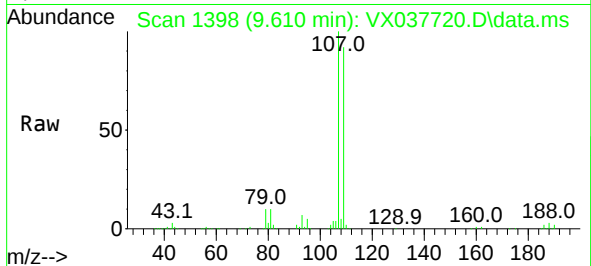
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.302 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

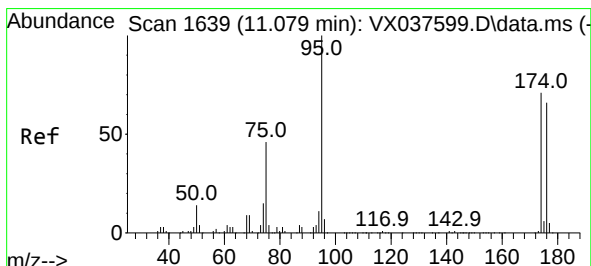
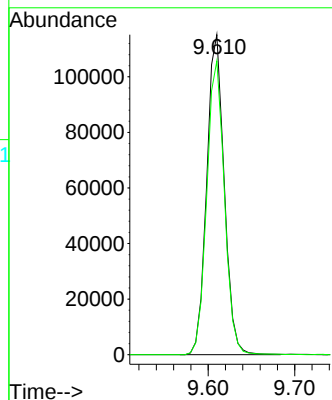
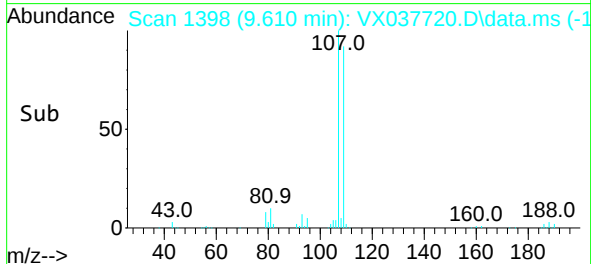
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



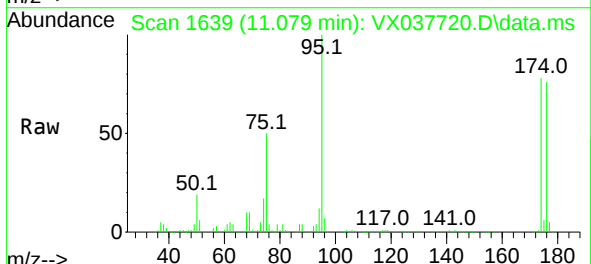
Tgt Ion:107 Resp: 16111
Ion Ratio Lower Upper
107 100
109 93.1 75.2 112.8

Manual Integrations
APPROVED

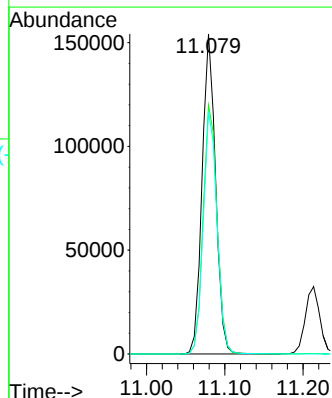
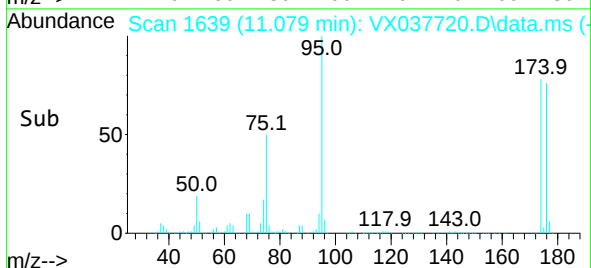
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023

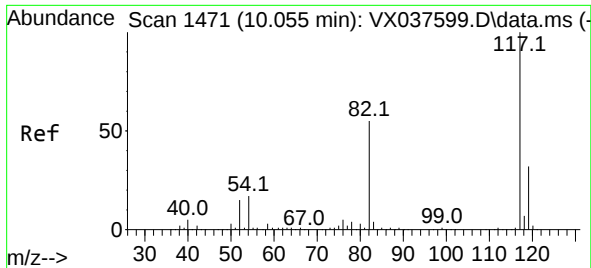


#62
4-Bromofluorobenzene
Concen: 52.576 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10



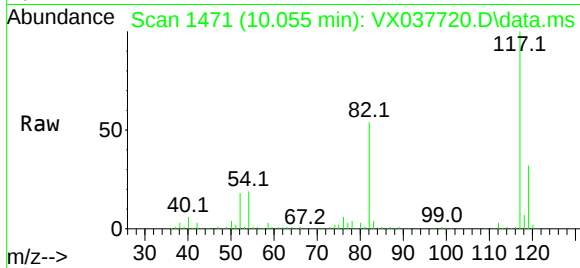
Tgt Ion: 95 Resp: 183612
Ion Ratio Lower Upper
95 100
174 80.8 0.0 135.6
176 77.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

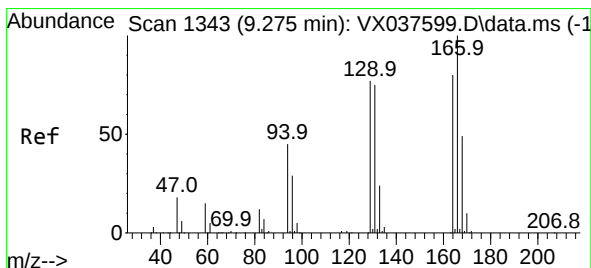
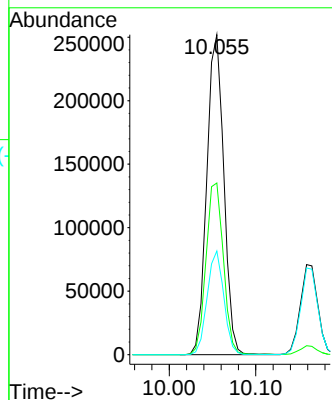
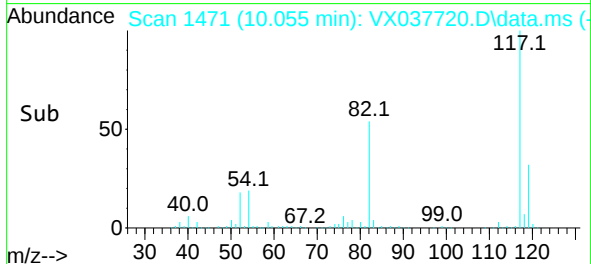
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 343740
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 32.4 25.5 38.3

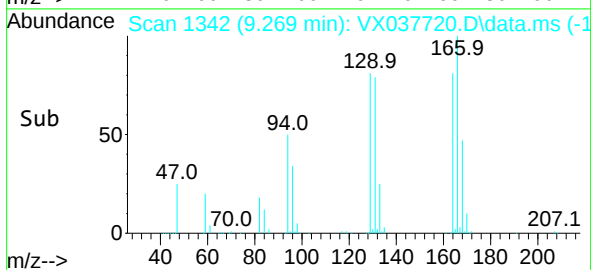
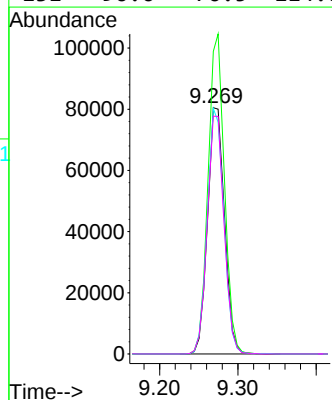
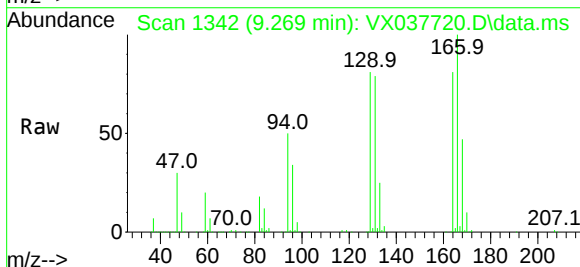
Manual Integrations
APPROVED

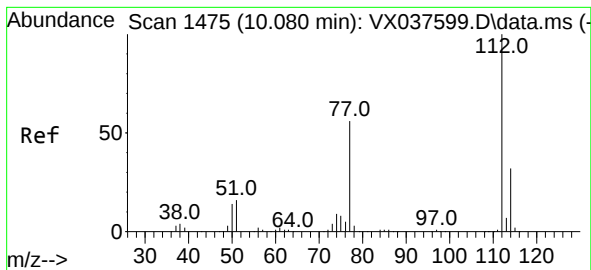
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#64
Tetrachloroethene
Concen: 54.062 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

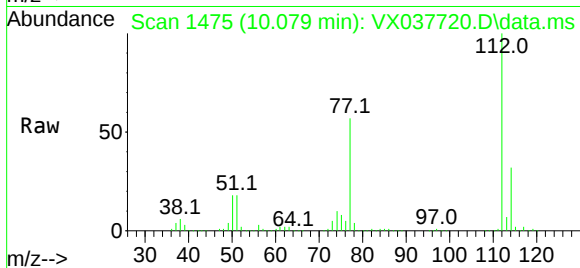
Tgt Ion:164 Resp: 120402
Ion Ratio Lower Upper
164 100
166 122.9 102.7 154.1
129 99.8 80.4 120.6
131 96.6 76.5 114.7





#65
Chlorobenzene
Concen: 52.720 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

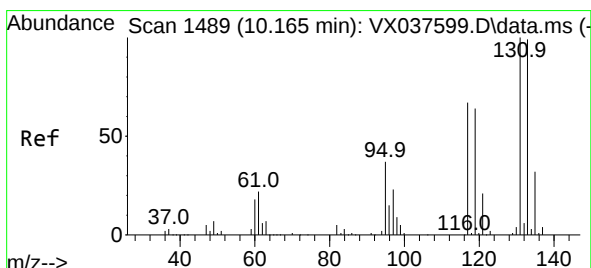
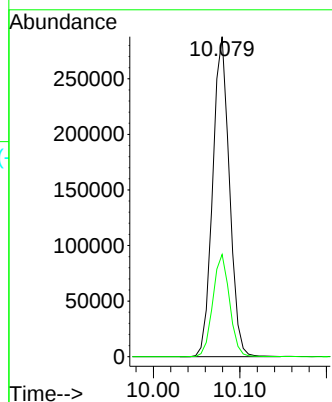
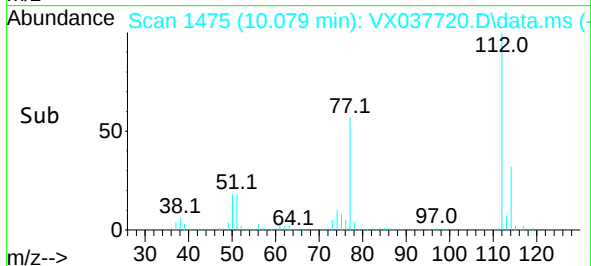
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 386259
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

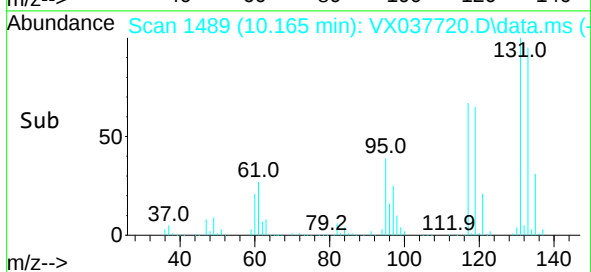
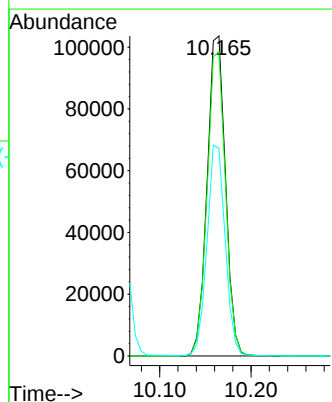
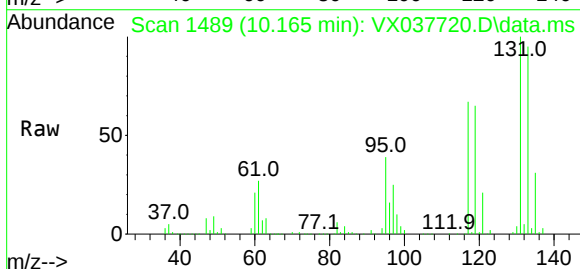
Manual Integrations
APPROVED

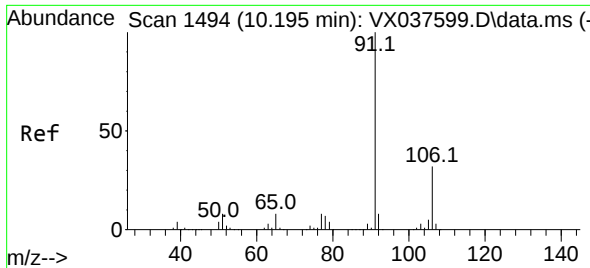
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 57.419 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

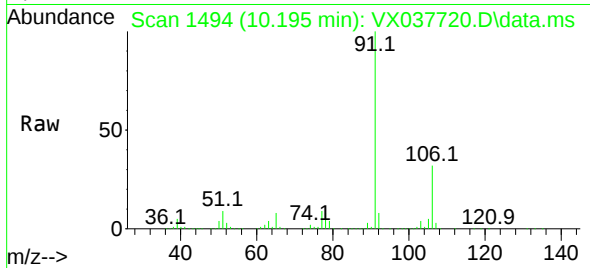
Tgt Ion:131 Resp: 144988
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 65.3 32.2 96.6





#67
Ethyl Benzene
Concen: 53.129 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

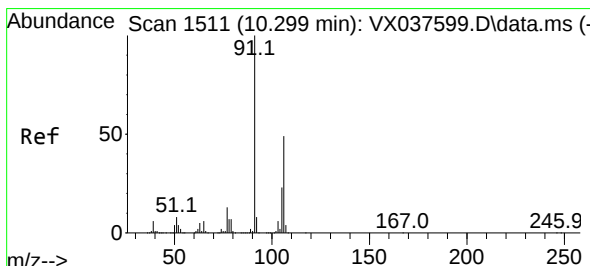
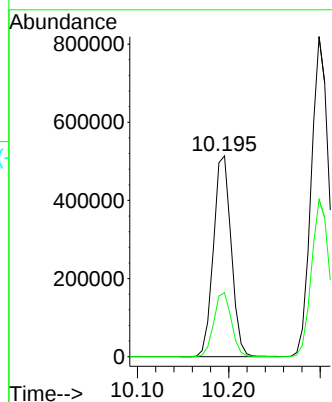
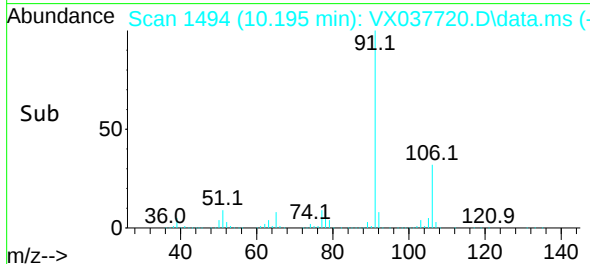
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



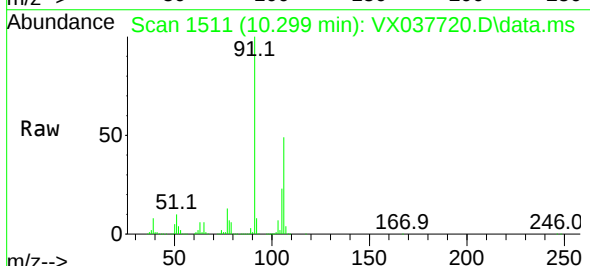
Tgt Ion: 91 Resp: 692720
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

Manual Integrations
APPROVED

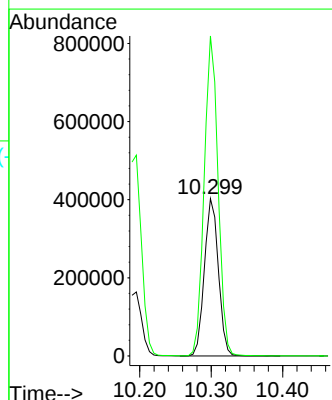
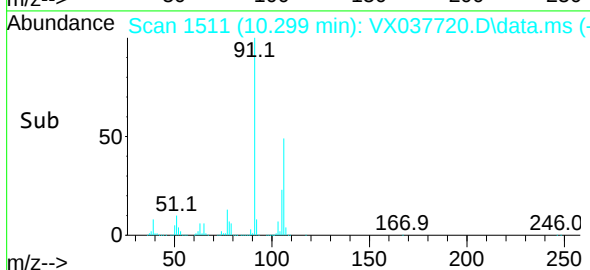
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023

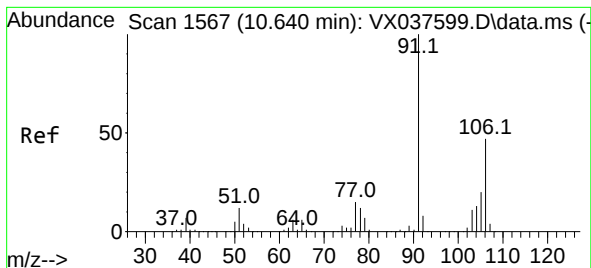


#68
m/p-Xylenes
Concen: 109.943 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10



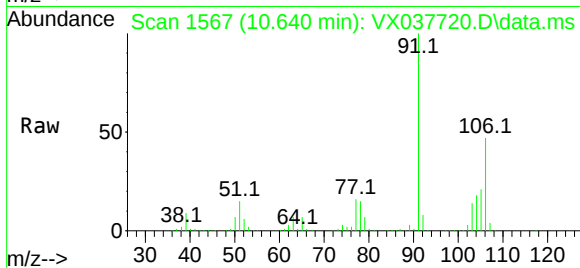
Tgt Ion:106 Resp: 546589
Ion Ratio Lower Upper
106 100
91 202.0 165.5 248.3





#69
o-Xylene
Concen: 54.348 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

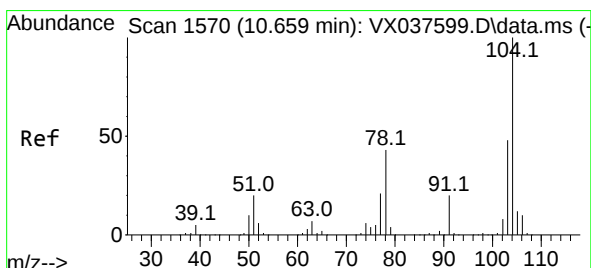
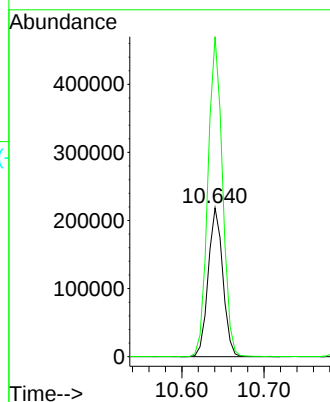
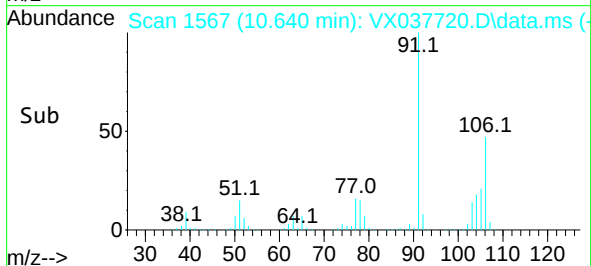
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 269388
Ion Ratio Lower Upper
106 100
91 214.6 108.9 326.8

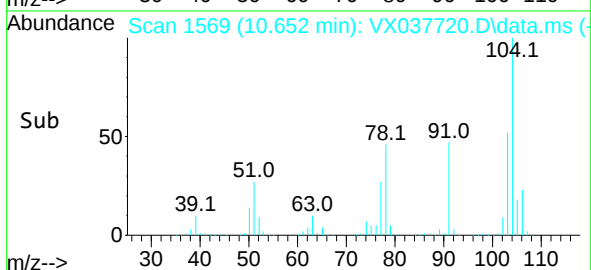
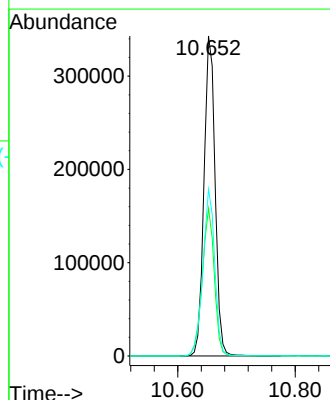
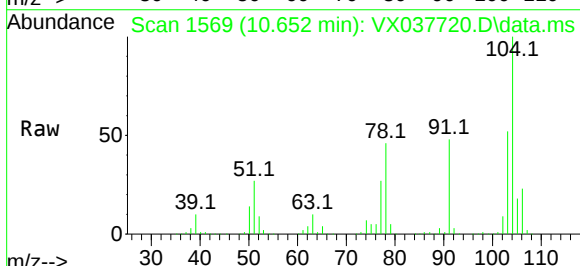
Manual Integrations
APPROVED

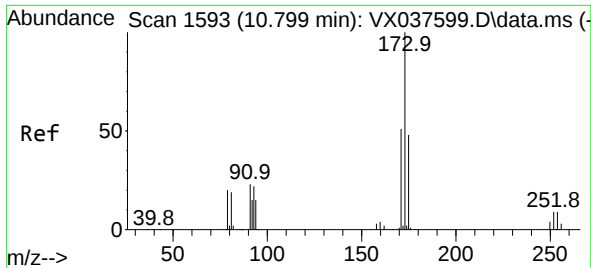
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#70
Styrene
Concen: 55.646 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

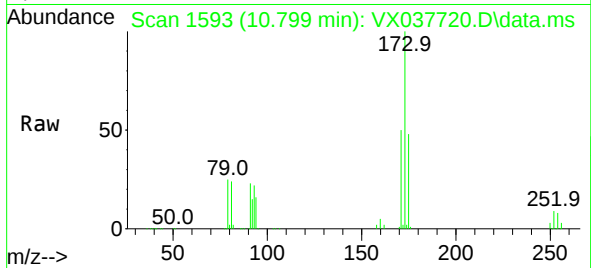
Tgt Ion:104 Resp: 449993
Ion Ratio Lower Upper
104 100
78 50.0 43.6 65.4
103 55.7 43.6 65.4





#71
Bromoform
Concen: 60.595 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

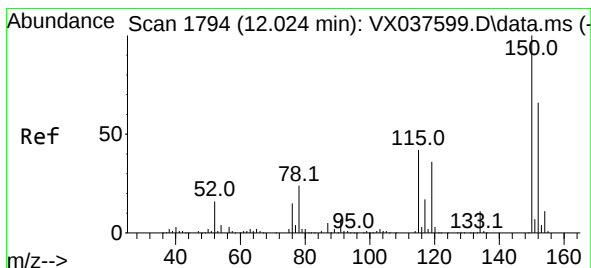
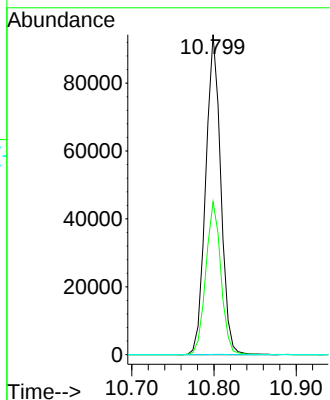
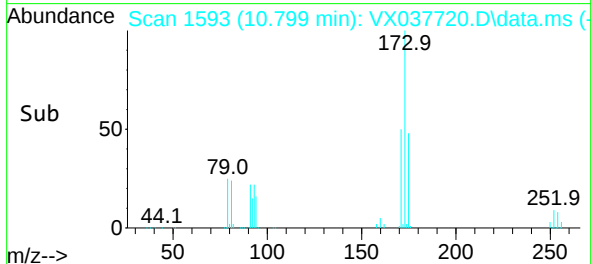
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



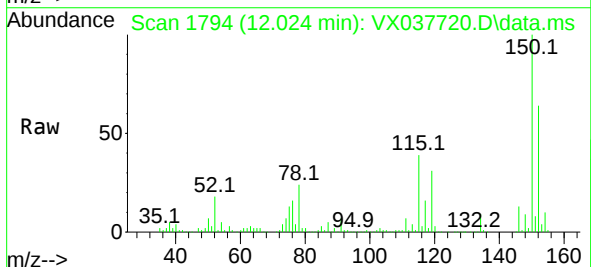
Tgt Ion:173 Resp: 119720
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

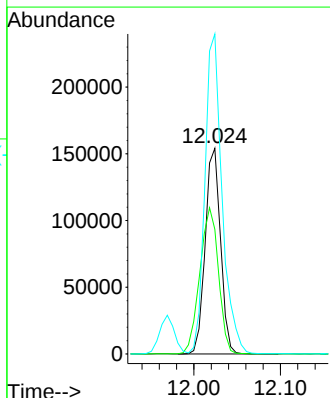
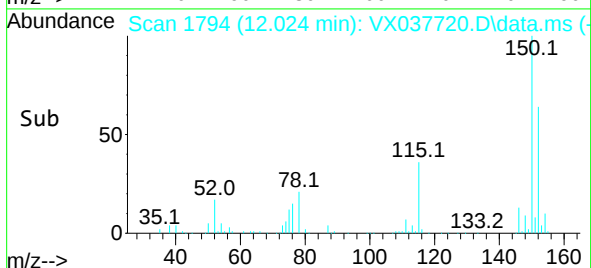
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023

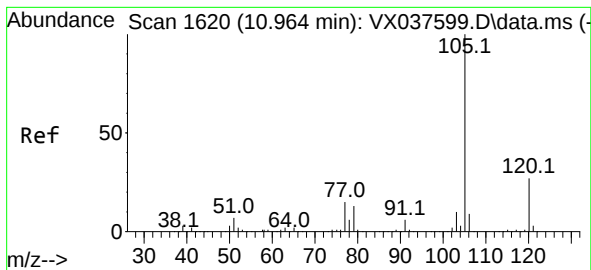


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10



Tgt Ion:152 Resp: 189175
Ion Ratio Lower Upper
152 100
115 86.3 43.3 129.9
150 174.1 0.0 345.0





#73

Isopropylbenzene

Concen: 50.142 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 710179

Ion Ratio Lower Upper

105 100

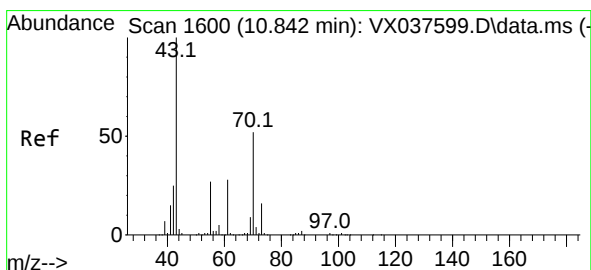
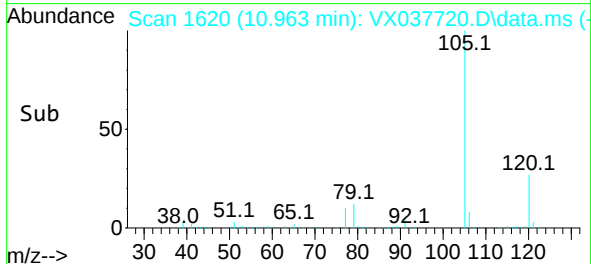
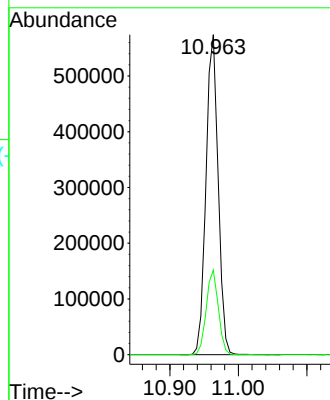
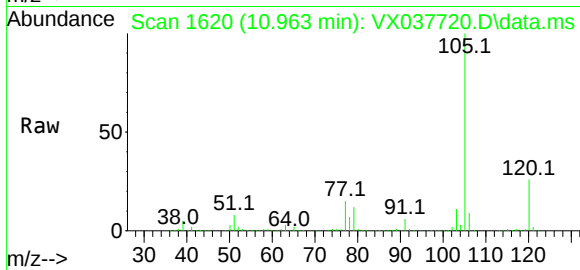
120 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/15/2023



#74

N-ethyl acetate

Concen: 49.174 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

Tgt Ion: 43 Resp: 303707

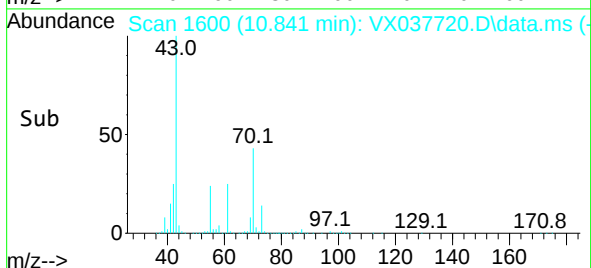
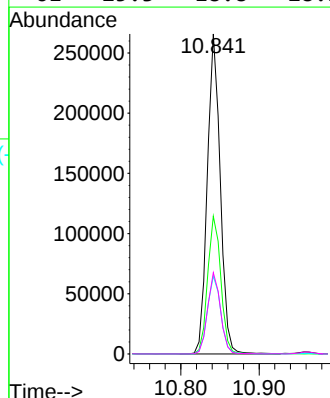
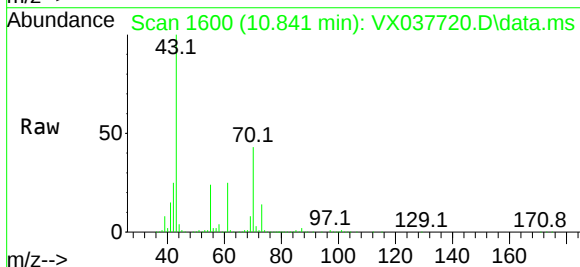
Ion Ratio Lower Upper

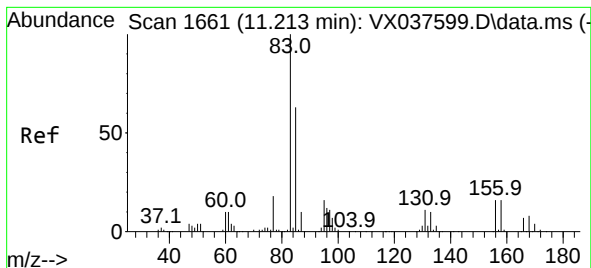
43 100

70 43.9 32.9 49.3

55 25.2 19.3 28.9

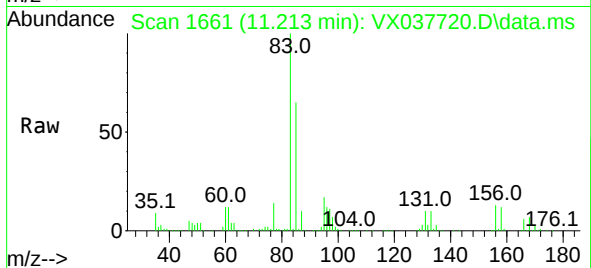
61 25.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.466 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

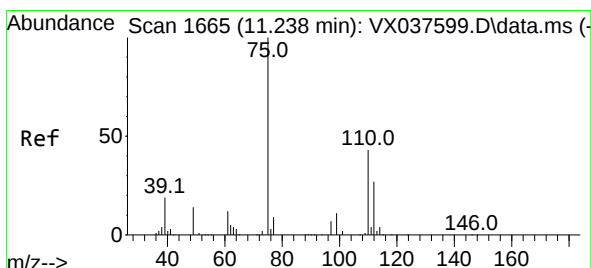
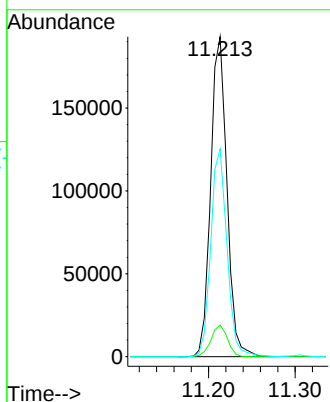
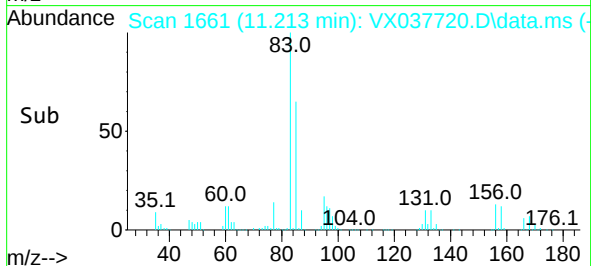
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



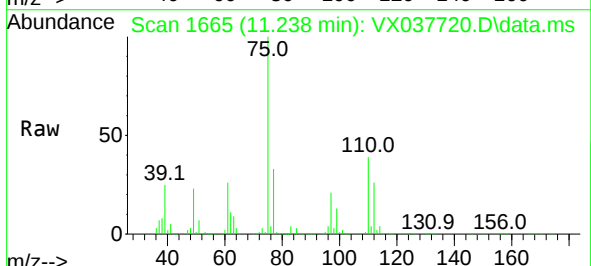
Tgt Ion: 83 Resp: 251578
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 65.0 32.0 96.2

Manual Integrations
APPROVED

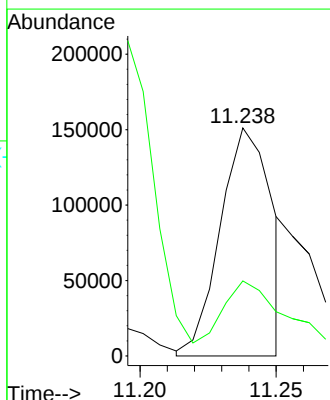
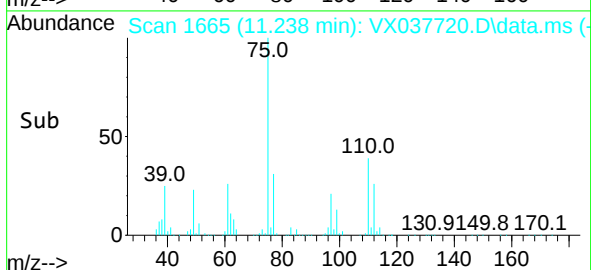
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023

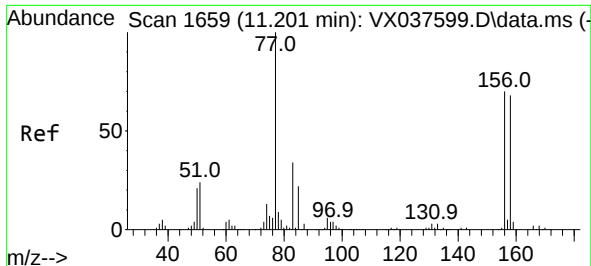


#76
1,2,3-Trichloropropane
Concen: 47.794 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10



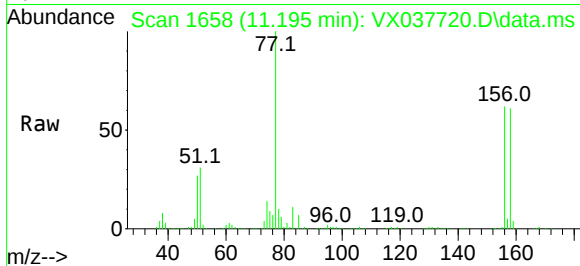
Tgt Ion: 75 Resp: 198774
Ion Ratio Lower Upper
75 100
77 43.3 19.1 57.5





#77
Bromobenzene
Concen: 51.207 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

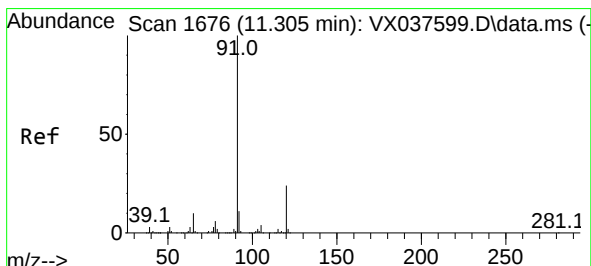
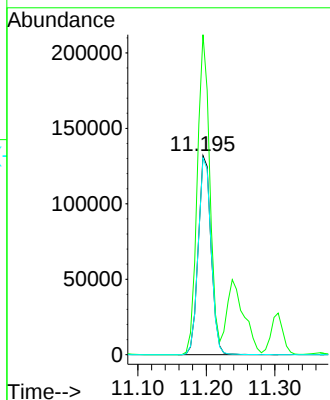
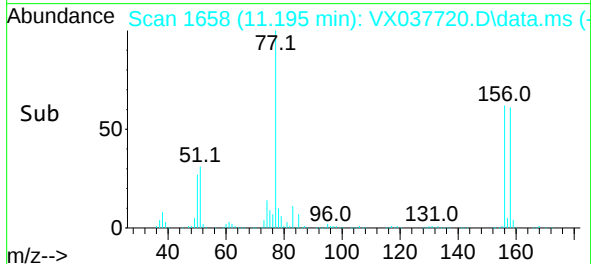
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



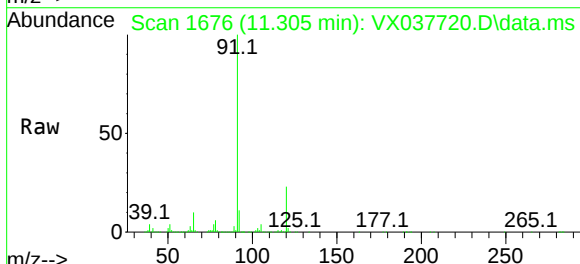
Tgt Ion:156 Resp: 171872
Ion Ratio Lower Upper
156 100
77 156.9 88.4 265.3
158 99.3 48.0 144.0

Manual Integrations
APPROVED

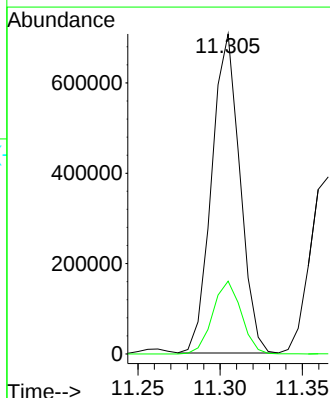
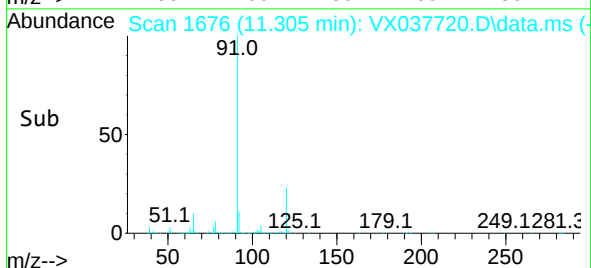
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023

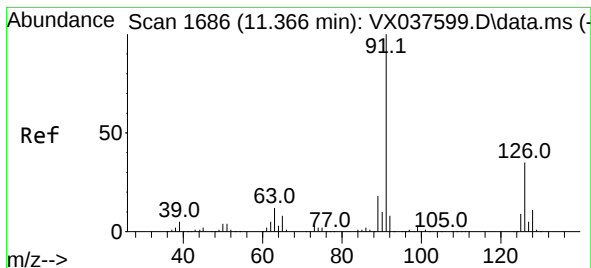


#78
n-propylbenzene
Concen: 51.789 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10



Tgt Ion: 91 Resp: 843895
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





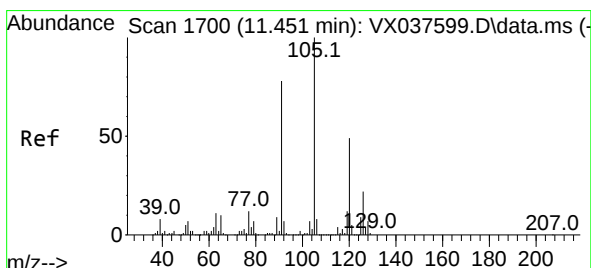
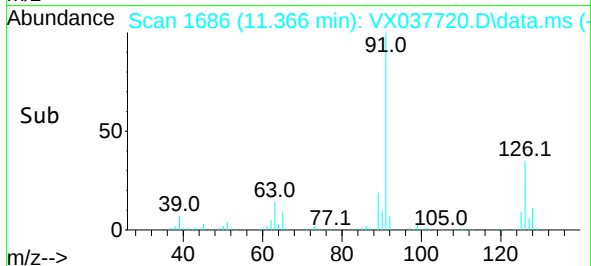
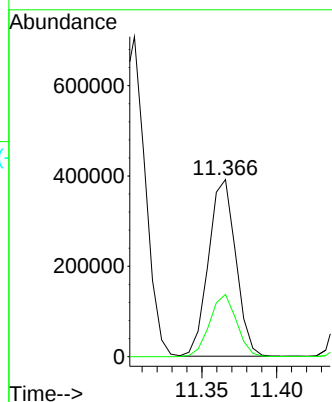
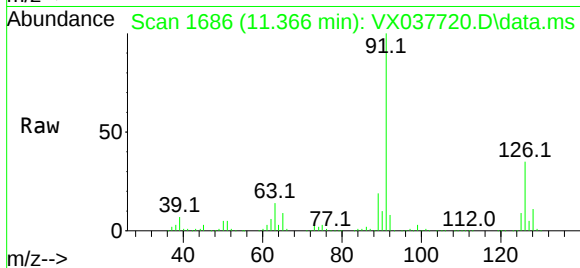
#79
2-Chlorotoluene
Concen: 49.467 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 496172
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

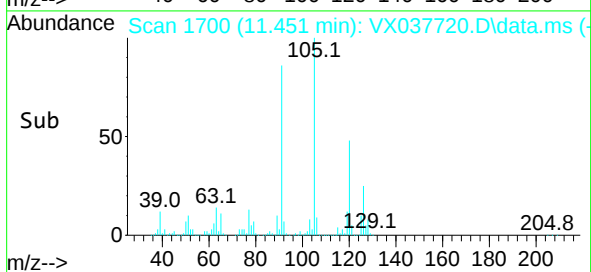
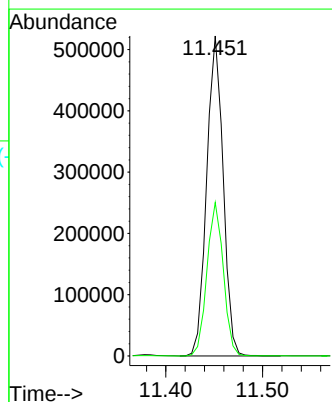
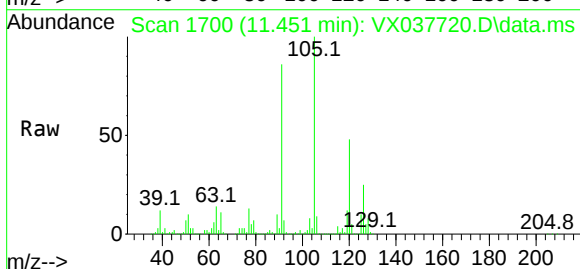
Manual Integrations
APPROVED

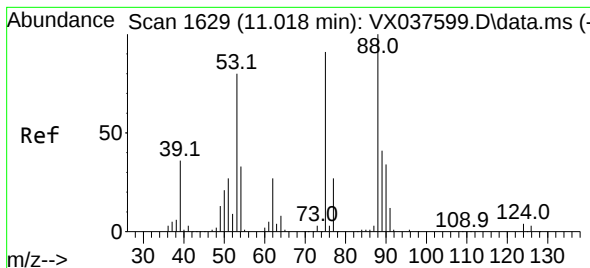
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.897 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Tgt Ion:105 Resp: 617749
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





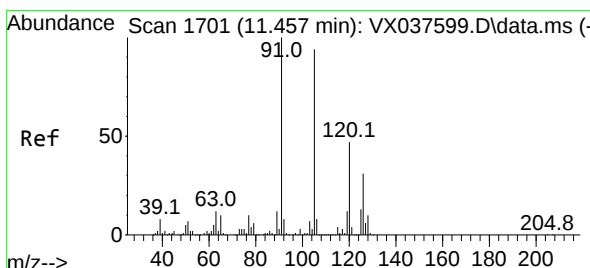
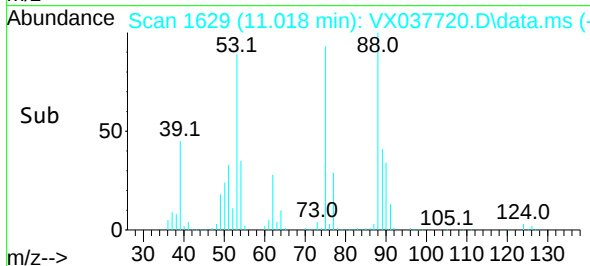
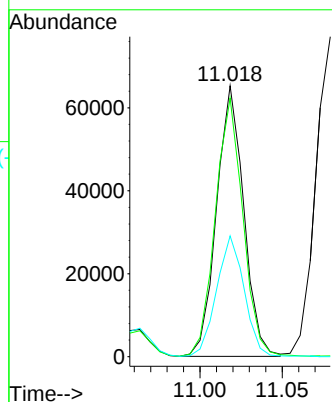
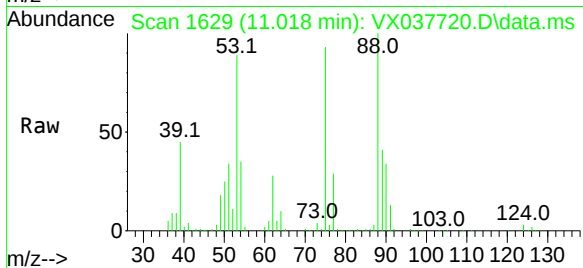
#81
trans-1,4-Dichloro-2-butene
Concen: 54.702 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 7484
Ion Ratio Lower Upper
75 100
53 97.1 90.5 135.7
89 45.6 36.9 55.3

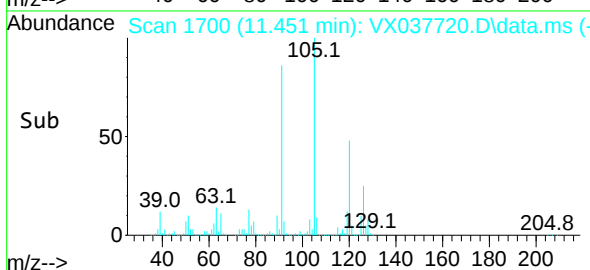
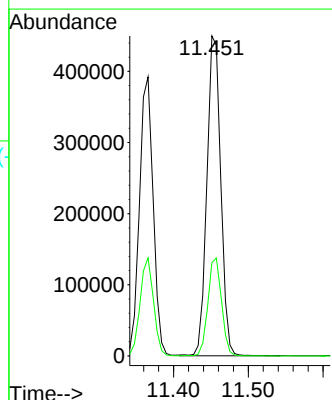
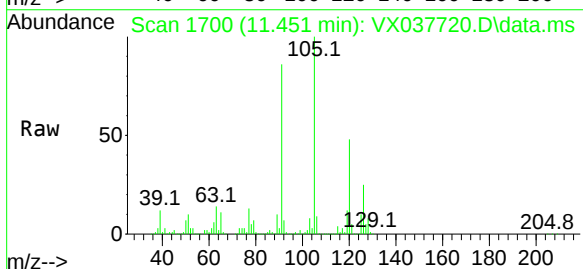
Manual Integrations
APPROVED

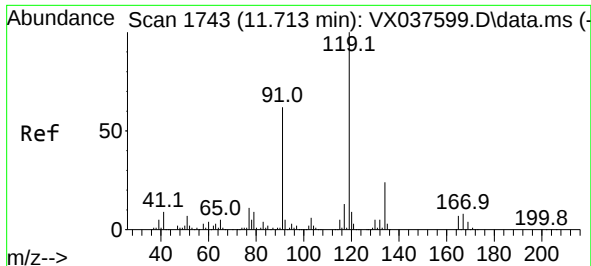
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#82
4-Chlorotoluene
Concen: 50.589 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

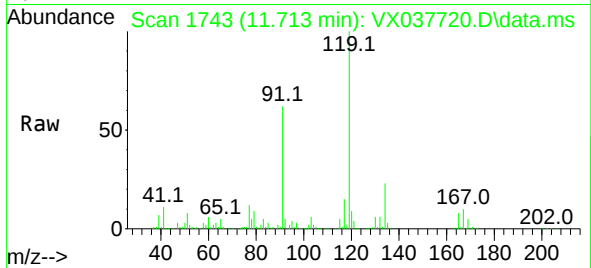
Tgt Ion: 91 Resp: 579644
Ion Ratio Lower Upper
91 100
126 30.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.573 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

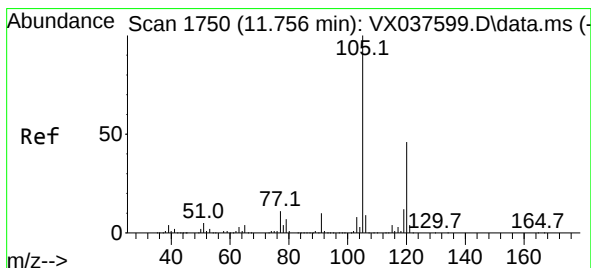
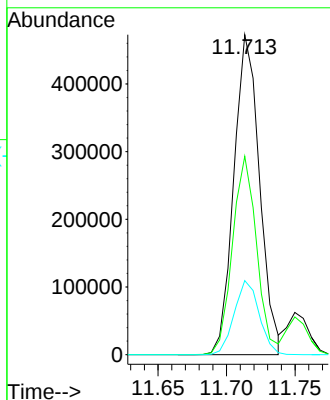
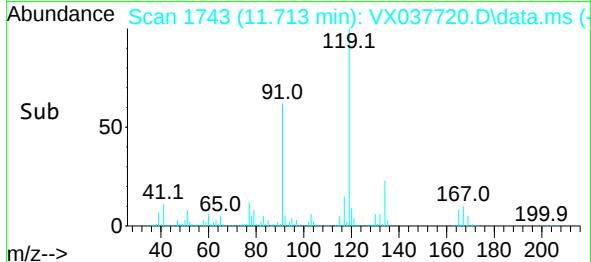
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



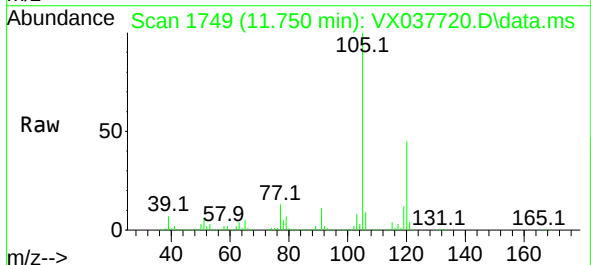
Tgt Ion:119 Resp: 616712
Ion Ratio Lower Upper
119 100
91 58.3 31.2 93.6
134 22.5 11.7 35.0

Manual Integrations
APPROVED

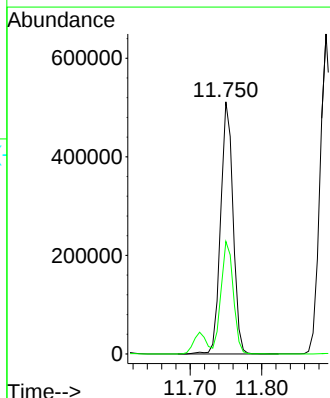
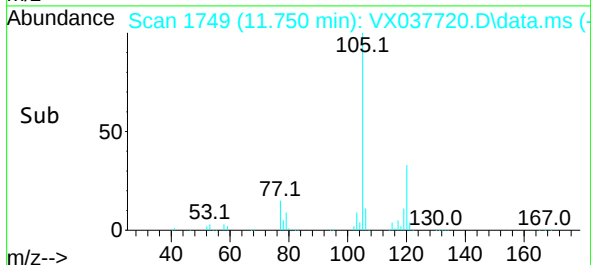
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023

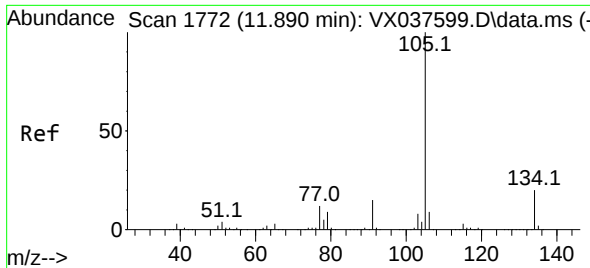


#84
1,2,4-Trimethylbenzene
Concen: 51.396 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10



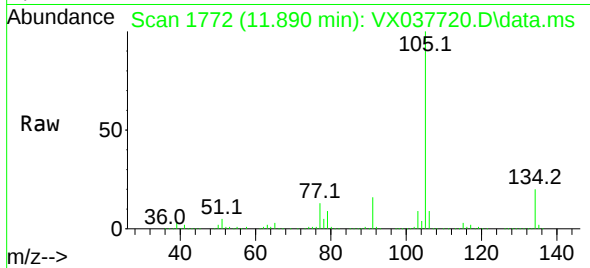
Tgt Ion:105 Resp: 616797
Ion Ratio Lower Upper
105 100
120 44.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.825 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037720.D
 Acq: 14 Sep 2023 11:10

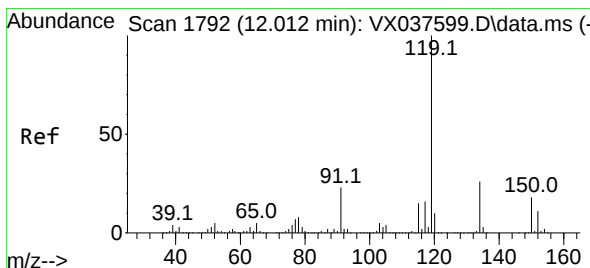
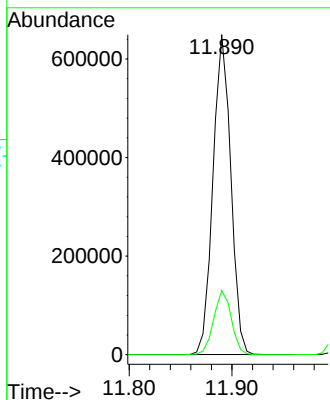
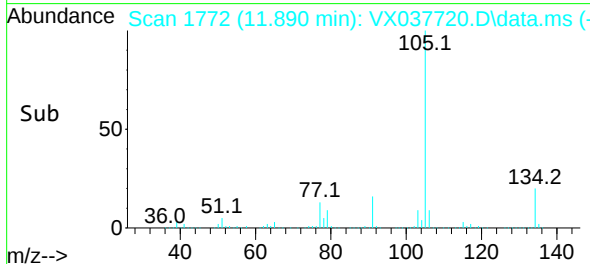
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



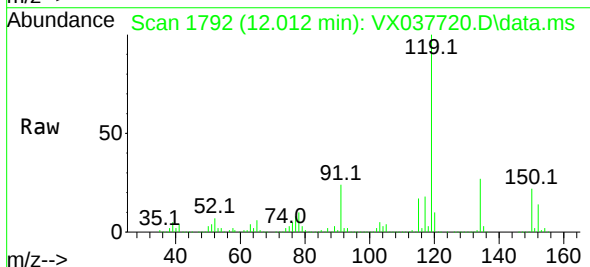
Tgt Ion:105 Resp: 779849
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

Manual Integrations
 APPROVED

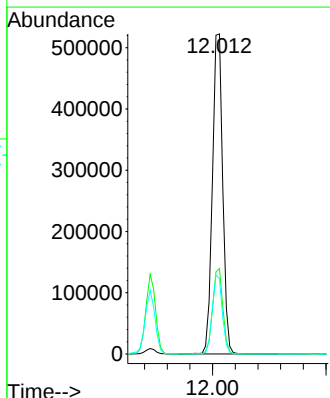
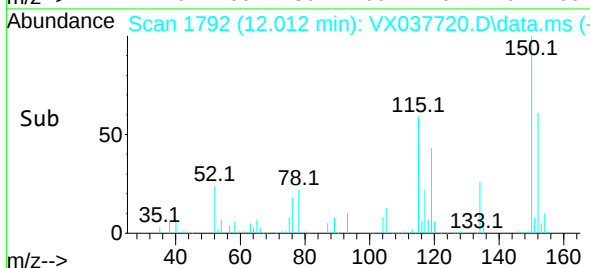
Reviewed By :John Carlone 09/14/2023
 Supervised By :Mahesh Dadoda 09/15/2023

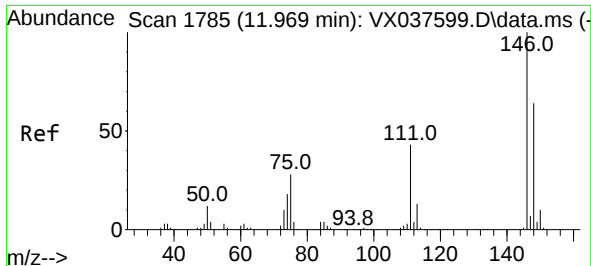


#86
 p-Isopropyltoluene
 Concen: 54.179 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037720.D
 Acq: 14 Sep 2023 11:10



Tgt Ion:119 Resp: 655425
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 24.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.474 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037720.D

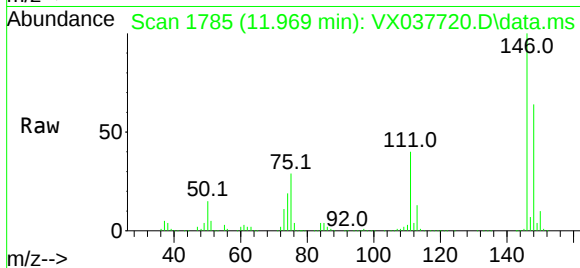
Acq: 14 Sep 2023 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 338180

Ion Ratio Lower Upper

146 100

111 40.8 22.1 66.1

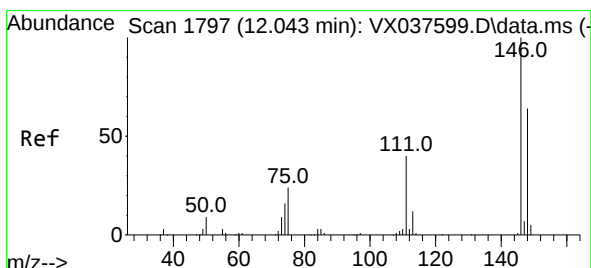
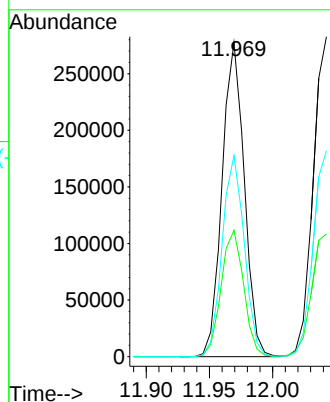
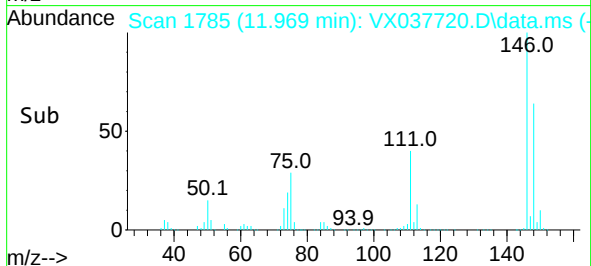
148 63.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/15/2023



#88

1,4-Dichlorobenzene

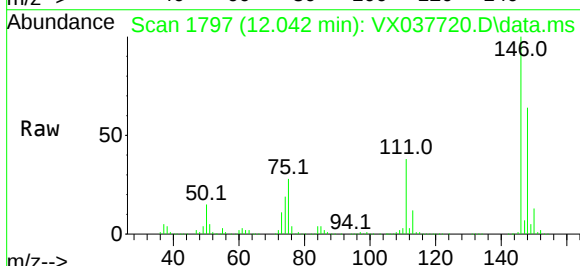
Concen: 51.230 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10



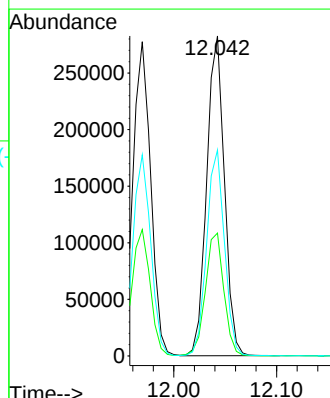
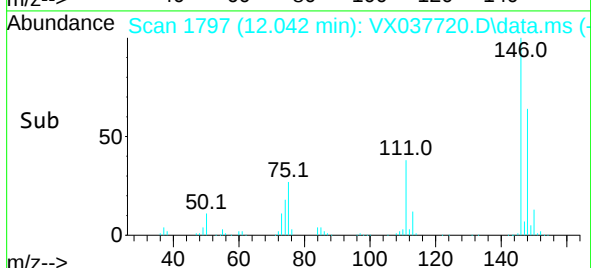
Tgt Ion:146 Resp: 339319

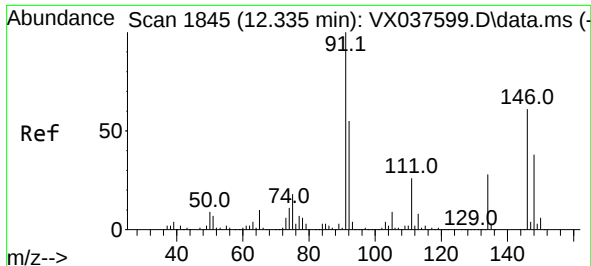
Ion Ratio Lower Upper

146 100

111 40.1 21.3 63.7

148 65.0 31.8 95.4





#89

n-Butylbenzene

Concen: 54.700 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037720.D

Acq: 14 Sep 2023 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 599318

Ion Ratio Lower Upper

91 100

92 52.3 27.4 82.0

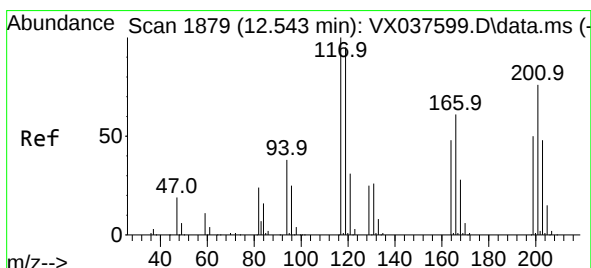
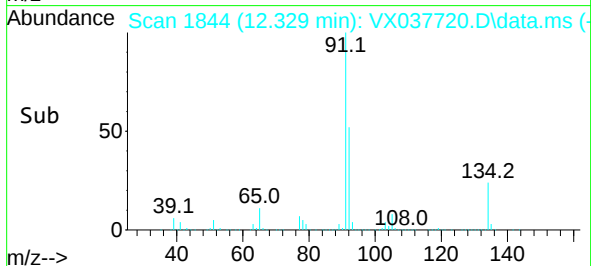
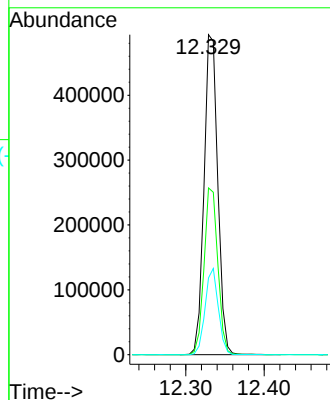
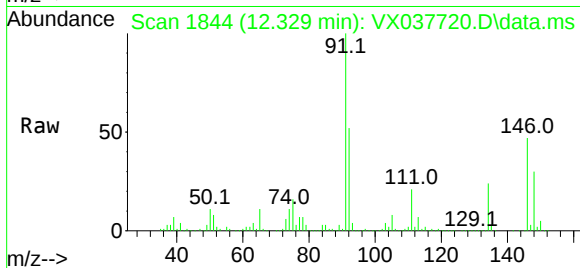
134 26.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/15/2023



#90

Hexachloroethane

Concen: 55.399 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX037720.D

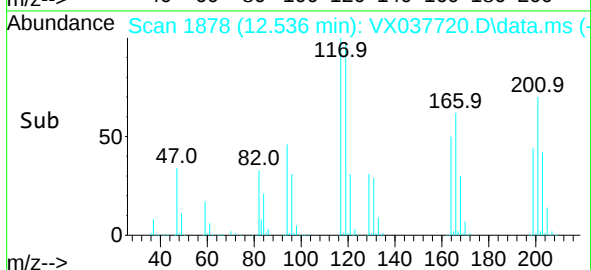
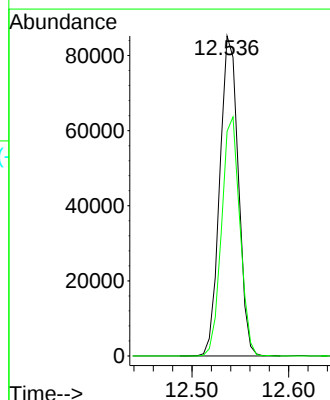
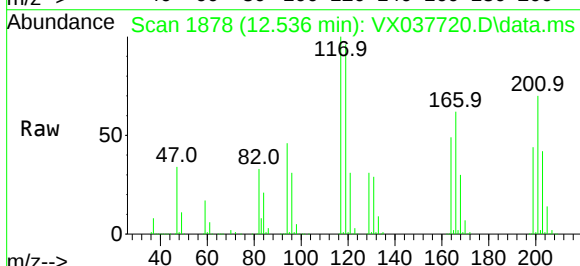
Acq: 14 Sep 2023 11:10

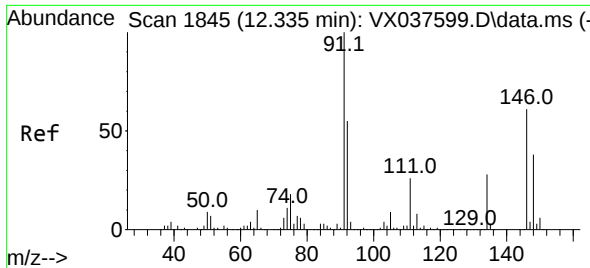
Tgt Ion:117 Resp: 113089

Ion Ratio Lower Upper

117 100

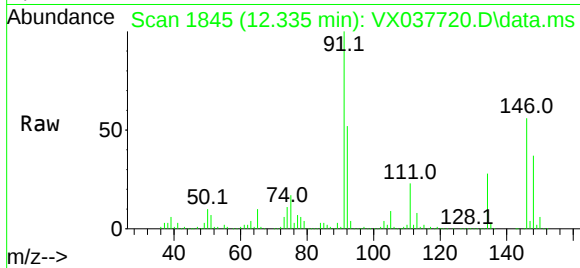
201 73.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 52.853 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

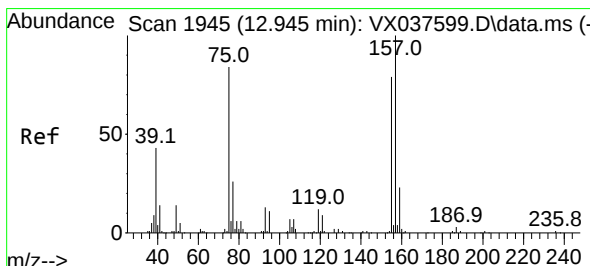
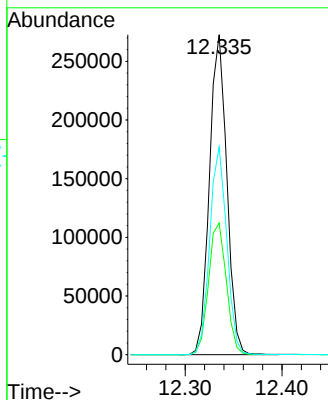
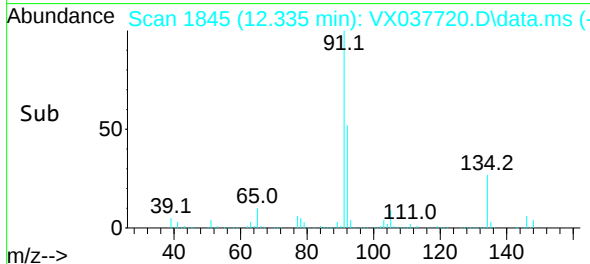
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



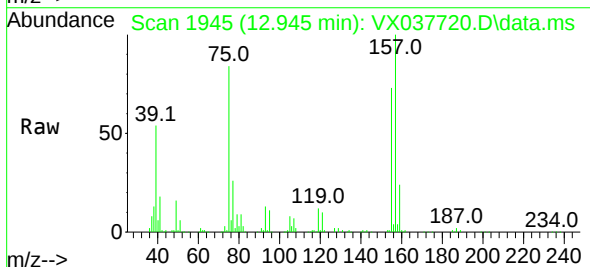
Tgt Ion:146 Resp: 34079
Ion Ratio Lower Upper
146 100
111 42.3 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

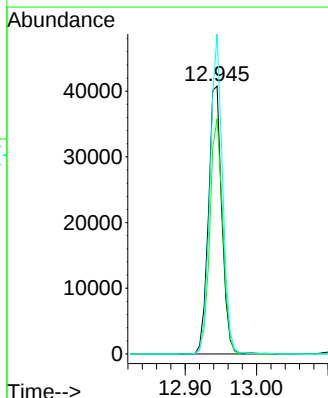
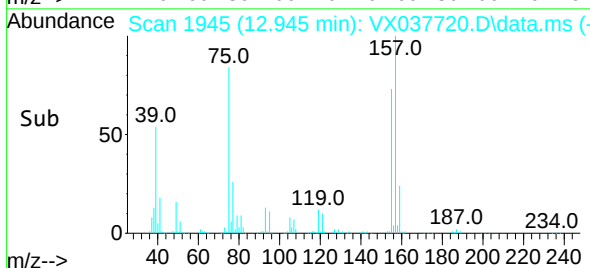
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023

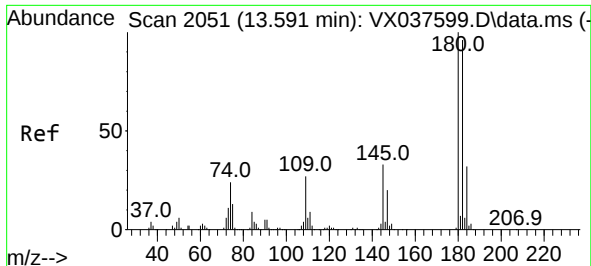


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.733 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10



Tgt Ion: 75 Resp: 53037
Ion Ratio Lower Upper
75 100
155 84.5 36.1 108.5
157 110.5 44.9 134.7





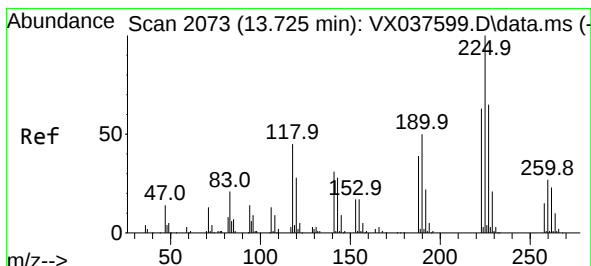
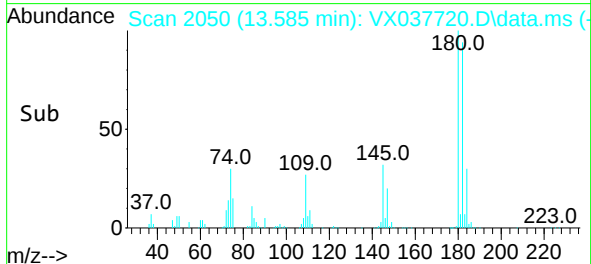
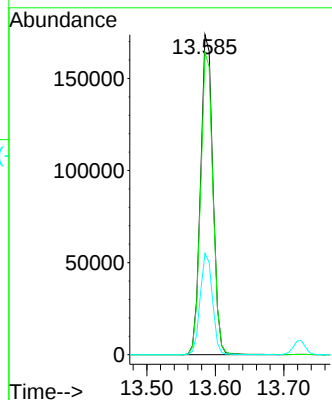
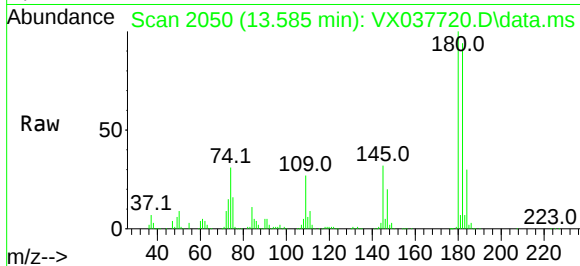
#93
1,2,4-Trichlorobenzene
Concen: 56.476 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 21687
Ion Ratio Lower Upper
180 100
182 95.0 48.3 144.8
145 31.6 18.0 54.0

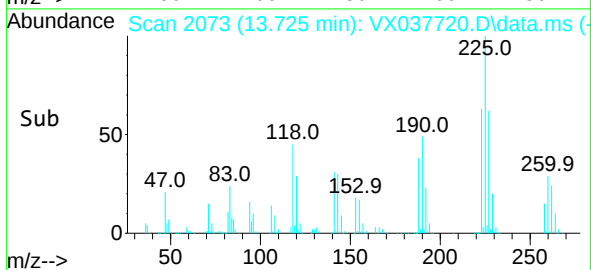
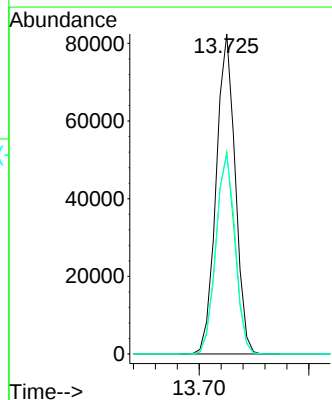
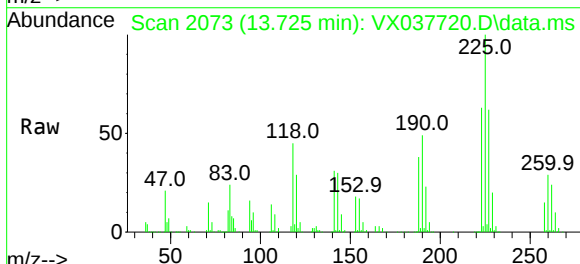
Manual Integrations
APPROVED

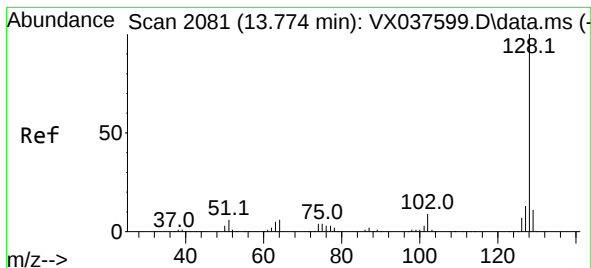
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#94
Hexachlorobutadiene
Concen: 61.891 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

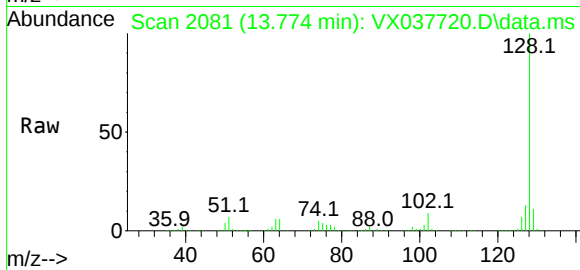
Tgt Ion:225 Resp: 99278
Ion Ratio Lower Upper
225 100
223 62.5 31.1 93.2
227 63.2 32.5 97.5





#95
Naphthalene
Concen: 51.882 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10

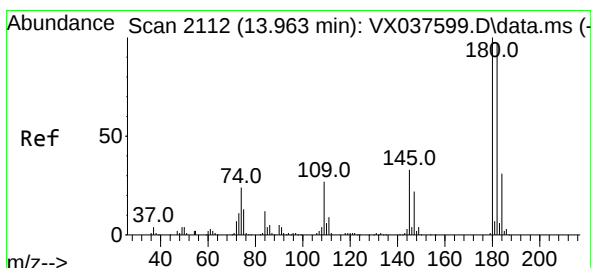
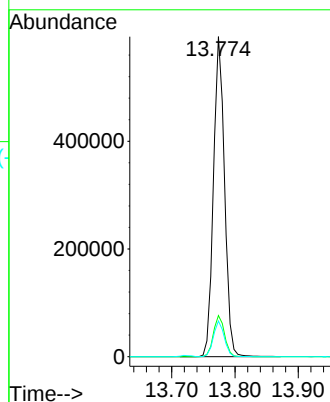
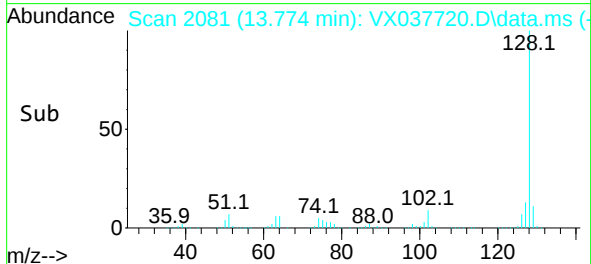
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



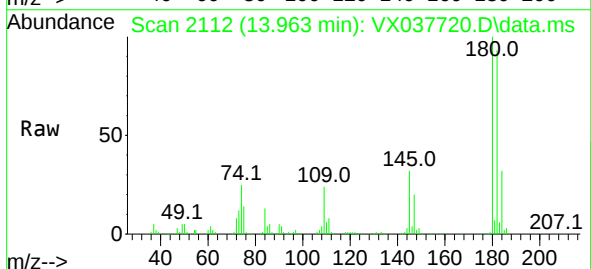
Tgt Ion:128 Resp: 721674
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 55.118 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037720.D
Acq: 14 Sep 2023 11:10



Tgt Ion:180 Resp: 217163
Ion Ratio Lower Upper
180 100
182 94.6 46.9 140.6
145 33.4 17.8 53.5

