

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092623\
 Data File : VX037909.D
 Acq On : 26 Sep 2023 16:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/27/2023
 Supervised By : Mahesh Dadoda 09/27/2023

Quant Time: Sep 27 01:16:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	232815	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.756	114	378746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	145329	47.511	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.020%		
35) Dibromofluoromethane	5.379	113	125629	49.573	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.140%		
50) Toluene-d8	8.646	98	470934	50.013	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.020%		
62) 4-Bromofluorobenzene	11.079	95	185901	54.331	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.660%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	102300	41.688	ug/l	98
3) Chloromethane	1.294	50	108126	40.497	ug/l	100
4) Vinyl Chloride	1.373	62	123673	42.935	ug/l	99
5) Bromomethane	1.599	94	97313	47.191	ug/l	99
6) Chloroethane	1.684	64	85502	43.088	ug/l	98
7) Trichlorofluoromethane	1.885	101	218966	47.284	ug/l	99
8) Diethyl Ether	2.129	74	81644	45.506	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.324	101	111688	47.523	ug/l	97
10) Methyl Iodide	2.452	142	135713	43.636	ug/l	92
11) Tert butyl alcohol	2.952	59	135599	206.526	ug/l	# 92
12) 1,1-Dichloroethene	2.318	96	102873	45.292	ug/l	86
13) Acrolein	2.233	56	148870	229.514	ug/l	99
14) Allyl chloride	2.660	41	169047	44.687	ug/l	# 96
15) Acrylonitrile	3.062	53	326541	223.689	ug/l	99
16) Acetone	2.373	43	312346	212.266	ug/l	91
17) Carbon Disulfide	2.513	76	226291	39.737	ug/l	99
18) Methyl Acetate	2.696	43	242774	45.735	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	392746	47.006	ug/l	99
20) Methylene Chloride	2.788	84	127768	46.964	ug/l	90
21) trans-1,2-Dichloroethene	3.086	96	117493	46.585	ug/l	91
22) Diisopropyl ether	3.757	45	373807	47.439	ug/l	88
23) Vinyl Acetate	3.714	43	1376282	237.455	ug/l	96
24) 1,1-Dichloroethane	3.605	63	219080	46.397	ug/l	99
25) 2-Butanone	4.550	43	448483	215.980	ug/l	91
26) 2,2-Dichloropropane	4.470	77	185322	48.572	ug/l	95
27) cis-1,2-Dichloroethene	4.482	96	144977	46.888	ug/l	91
28) Bromochloromethane	4.891	49	99955	45.376	ug/l	# 82
29) Tetrahydrofuran	4.995	42	278932	215.954	ug/l	90
30) Chloroform	5.086	83	243845	47.938	ug/l	98
31) Cyclohexane	5.464	56	177610	45.239	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	210652	48.910	ug/l	98
36) 1,1-Dichloropropene	5.690	75	166914	47.813	ug/l	96
37) Ethyl Acetate	4.708	43	174573	45.487	ug/l	97
38) Carbon Tetrachloride	5.671	117	180345	49.374	ug/l	98
39) Methylcyclohexane	7.378	83	207759	46.891	ug/l	92
40) Benzene	6.031	78	504691	47.012	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	92698	47.370	ug/l #	89
42) 1,2-Dichloroethane	6.080	62	185916	47.916	ug/l	97
43) Isopropyl Acetate	6.336	43	288076	46.943	ug/l	96
44) Trichloroethene	7.122	130	138913	46.465	ug/l	97
45) 1,2-Dichloropropane	7.427	63	135212	48.500	ug/l	100
46) Dibromomethane	7.580	93	99201	49.466	ug/l	93
47) Bromodichloromethane	7.817	83	189653	51.348	ug/l	97
48) Methyl methacrylate	7.689	41	137479	46.863	ug/l #	87
49) 1,4-Dioxane	7.653	88	63159	821.215	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	902689	231.844	ug/l	94
52) Toluene	8.713	92	333281	48.171	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	204928	53.063	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	218926	51.221	ug/l #	88
55) 1,1,2-Trichloroethane	9.152	97	146178	50.112	ug/l	97
56) Ethyl methacrylate	9.116	69	213709	49.075	ug/l	91
57) 1,3-Dichloropropane	9.305	76	228675	48.445	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	459804	226.121	ug/l	99
59) 2-Hexanone	9.427	43	700301	231.008	ug/l	92
60) Dibromochloromethane	9.518	129	153663	52.880	ug/l	100
61) 1,2-Dibromoethane	9.610	107	153729	49.776	ug/l	99
64) Tetrachloroethene	9.274	164	117543	46.802	ug/l	94
65) Chlorobenzene	10.079	112	376843	47.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	142353	50.569	ug/l	99
67) Ethyl Benzene	10.195	91	672525	48.832	ug/l	98
68) m/p-Xylenes	10.299	106	523523	98.375	ug/l	97
69) o-Xylene	10.640	106	258991	48.532	ug/l	96
70) Styrene	10.652	104	439692	51.323	ug/l	95
71) Bromoform	10.798	173	117684	52.920	ug/l #	100
73) Isopropylbenzene	10.963	105	687942	43.413	ug/l	98
74) N-amyl acetate	10.841	43	271893	42.367	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	242004	43.424	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	212937m	42.624	ug/l	
77) Bromobenzene	11.195	156	172802	44.058	ug/l	88
78) n-propylbenzene	11.304	91	828480	46.294	ug/l	99
79) 2-Chlorotoluene	11.365	91	482536	43.730	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	600853	44.899	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	70559	45.244	ug/l	89
82) 4-Chlorotoluene	11.451	91	568931	45.797	ug/l	96
83) tert-Butylbenzene	11.713	119	602503	44.547	ug/l	95
84) 1,2,4-Trimethylbenzene	11.749	105	603108	45.296	ug/l	97
85) sec-Butylbenzene	11.890	105	772165	47.059	ug/l	99
86) p-Isopropyltoluene	12.006	119	655408	47.942	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	344164	47.073	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	352192	47.075	ug/l	98
89) n-Butylbenzene	12.329	91	623482	52.061	ug/l	97
90) Hexachloroethane	12.536	117	110029	47.502	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	342181	45.840	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	48977	44.087	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	234089	53.237	ug/l	97
94) Hexachlorobutadiene	13.725	225	104290	50.789	ug/l	98
95) Naphthalene	13.774	128	710248	47.761	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	223419	49.374	ug/l	97

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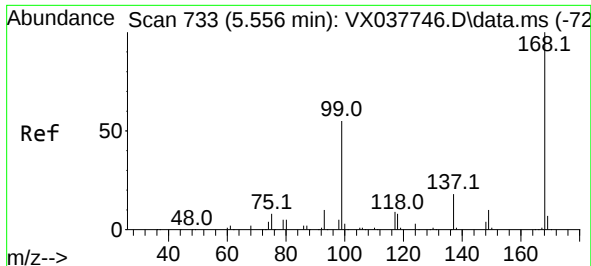
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

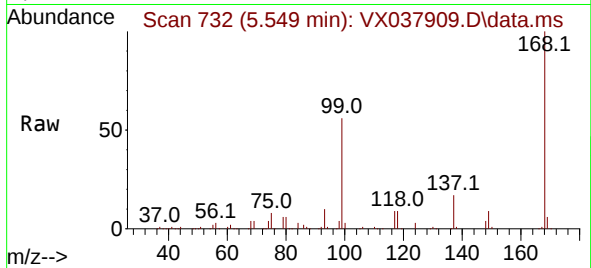
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
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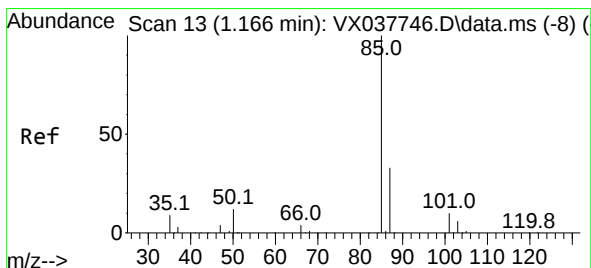
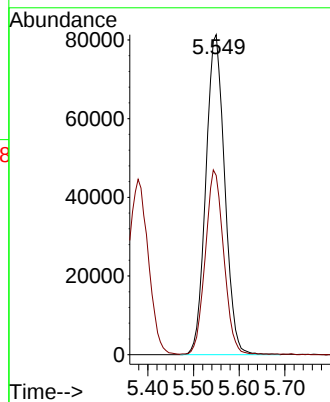
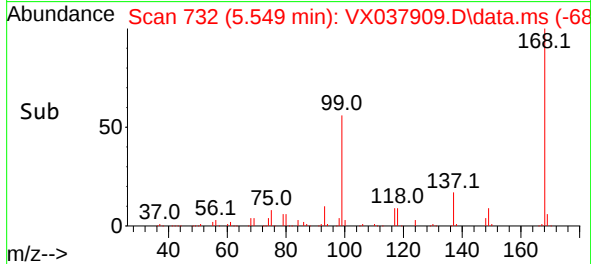
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Tgt Ion:168 Resp: 232815
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0

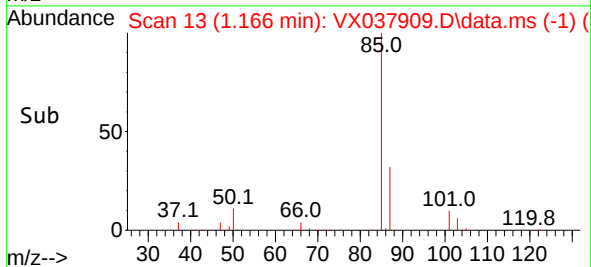
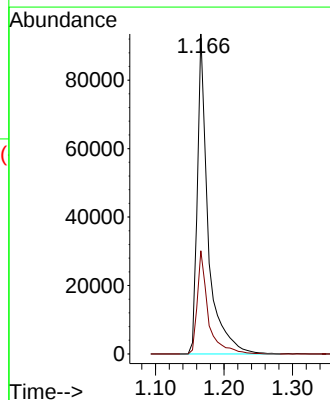
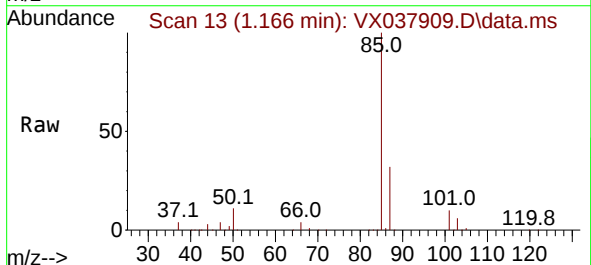
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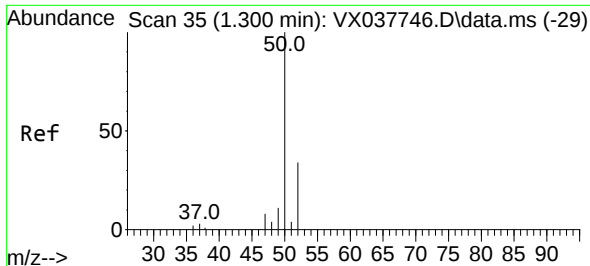
Reviewed By :John Carlone 09/27/2023
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#2
Dichlorodifluoromethane
Concen: 41.688 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

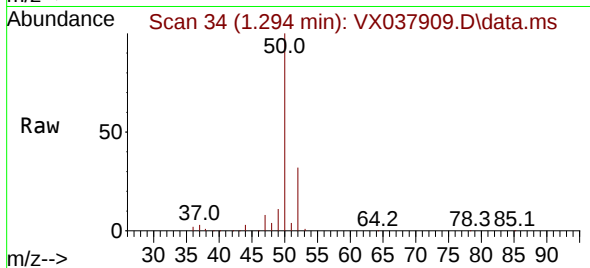
Tgt Ion: 85 Resp: 102300
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.1





#3
Chloromethane
Concen: 40.497 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

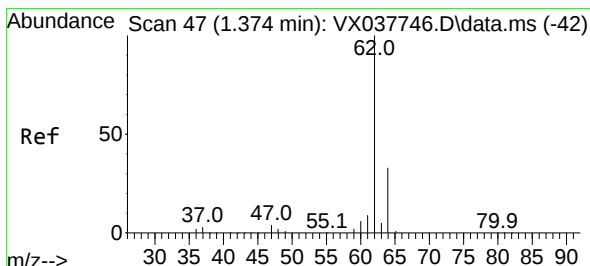
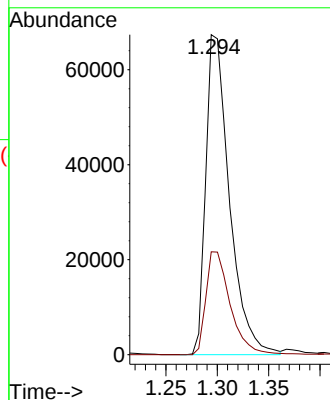
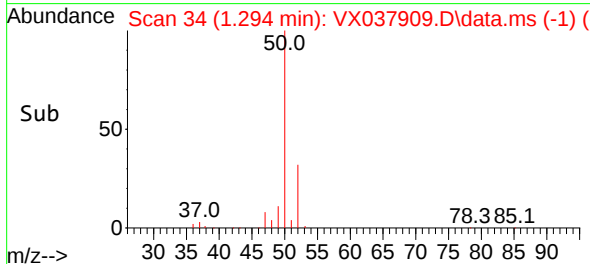
Instrument :
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Tgt Ion: 50 Resp: 108120
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

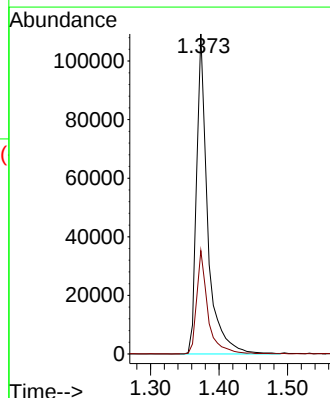
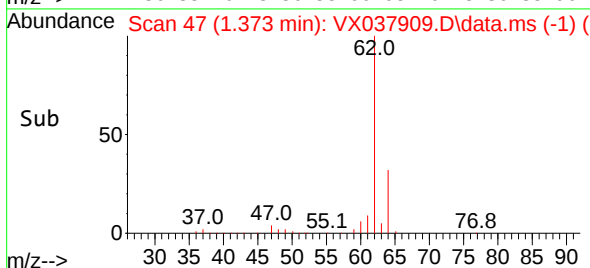
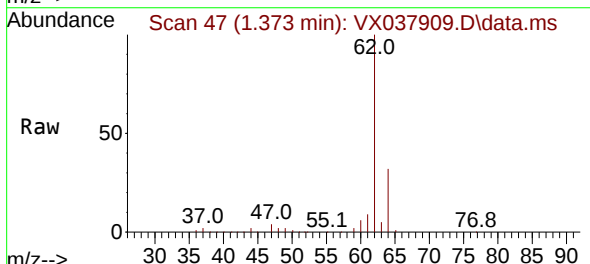
Manual Integrations
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#4
Vinyl Chloride
Concen: 42.935 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

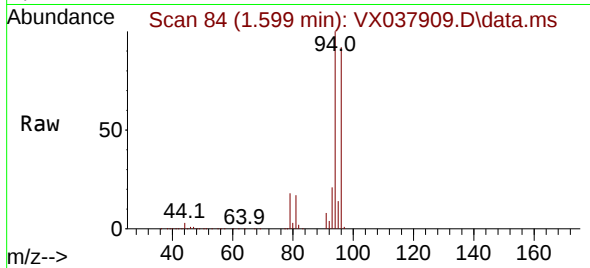
Tgt Ion: 62 Resp: 123673
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 47.191 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

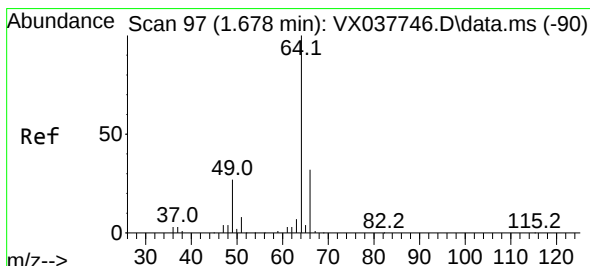
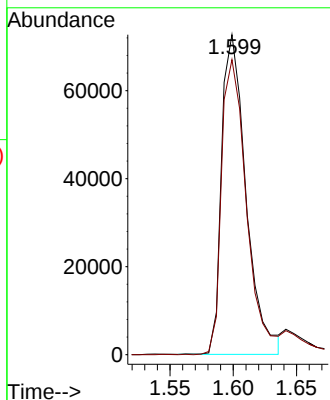
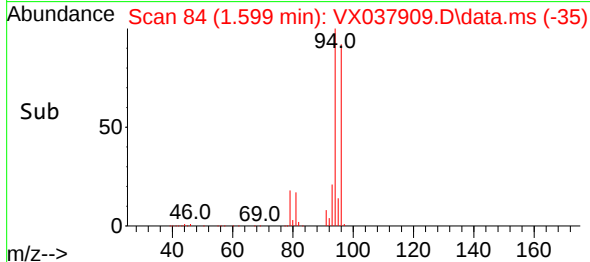
Instrument :
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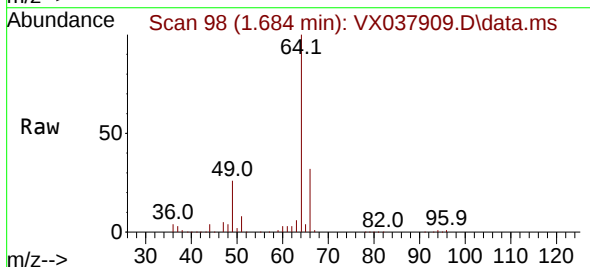
Tgt Ion: 94 Resp: 9731
Ion Ratio Lower Upper
94 100
96 92.3 74.6 111.8

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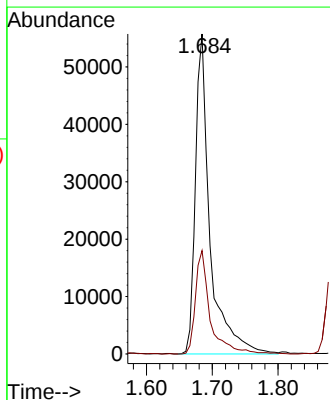
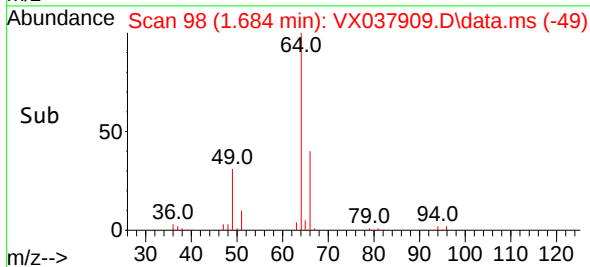
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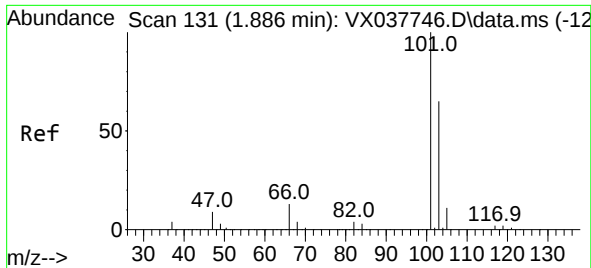


#6
Chloroethane
Concen: 43.088 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX037909.D
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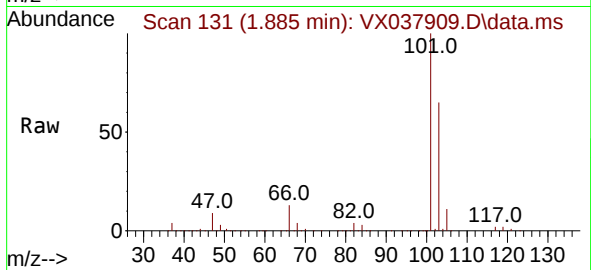
Tgt Ion: 64 Resp: 85502
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 47.284 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037909.D
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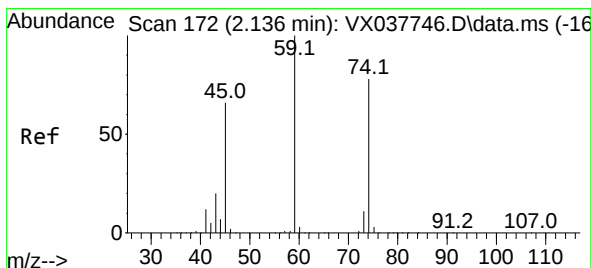
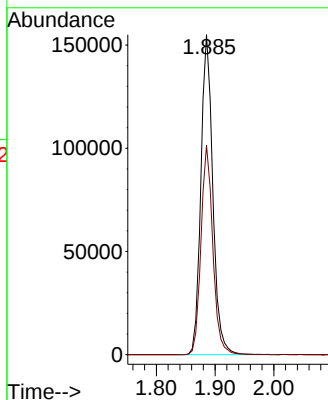
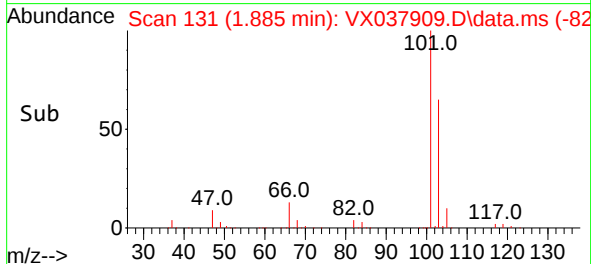
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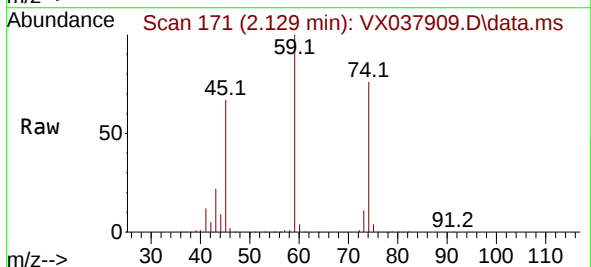
Tgt Ion:101 Resp: 218960
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.2

Manual Integrations
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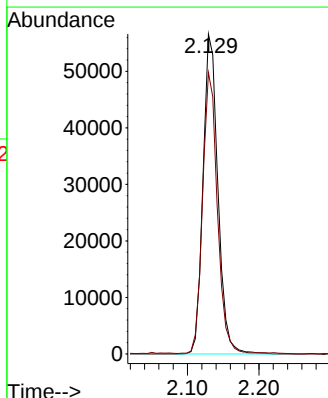
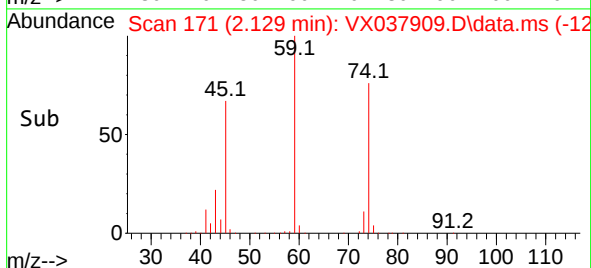
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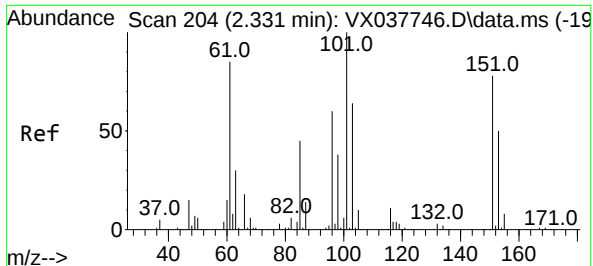


#8
Diethyl Ether
Concen: 45.506 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX037909.D
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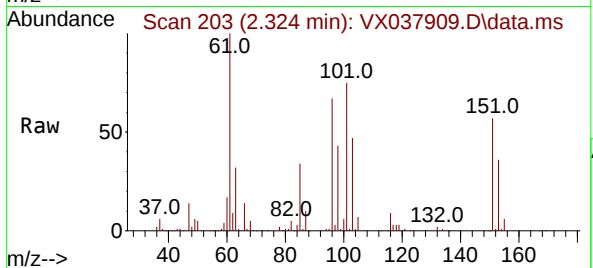
Tgt Ion: 74 Resp: 81644
Ion Ratio Lower Upper
74 100
45 88.7 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.523 ug/l
RT: 2.324 min Scan# 204
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

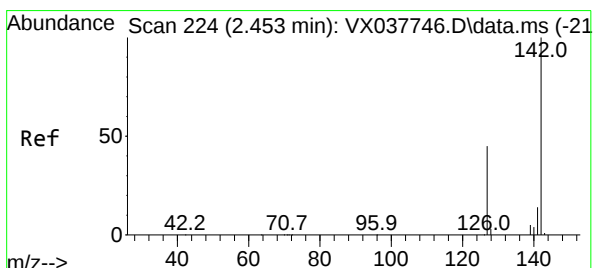
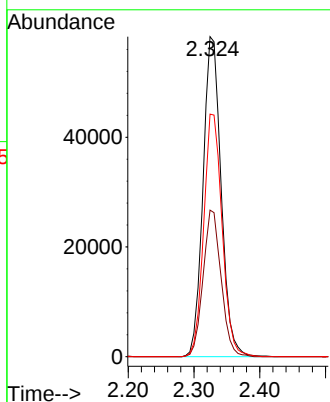
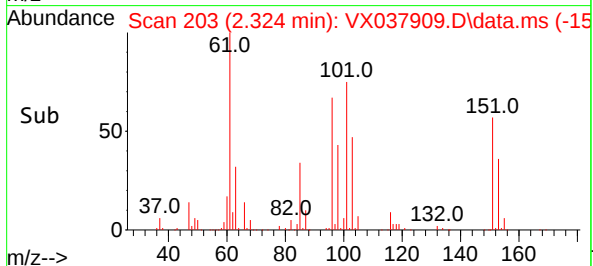
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



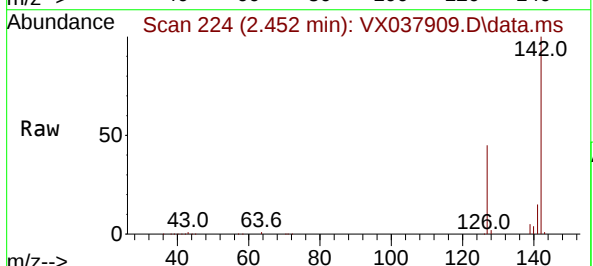
Tgt Ion:101 Resp: 111688
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.6
151 77.0 58.6 87.8

Manual Integrations
APPROVED

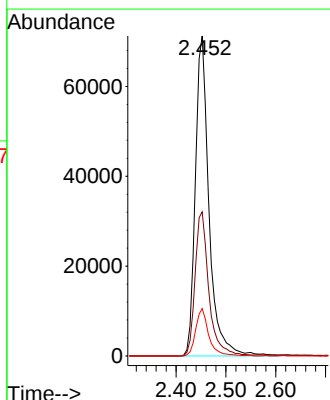
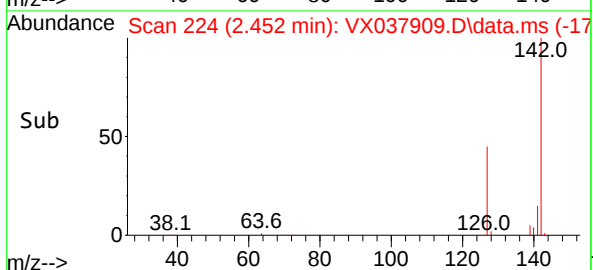
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

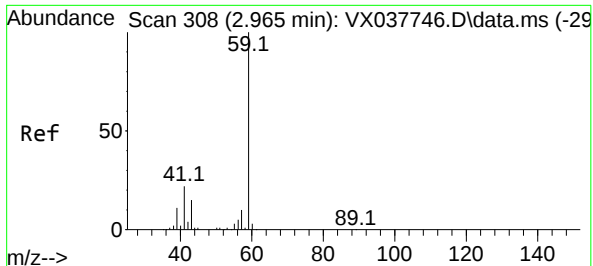


#10
Methyl Iodide
Concen: 43.636 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02



Tgt Ion:142 Resp: 135713
Ion Ratio Lower Upper
142 100
127 45.4 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 206.526 ug/l

RT: 2.952 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 135599

Ion Ratio Lower Upper

59 100

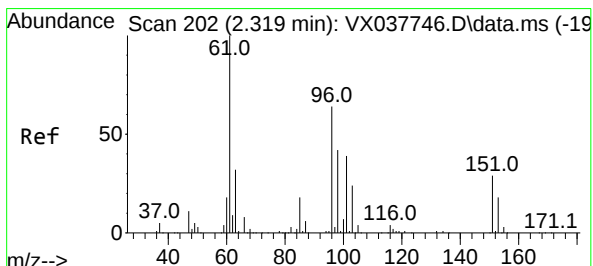
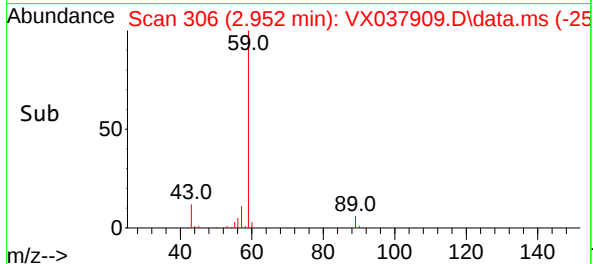
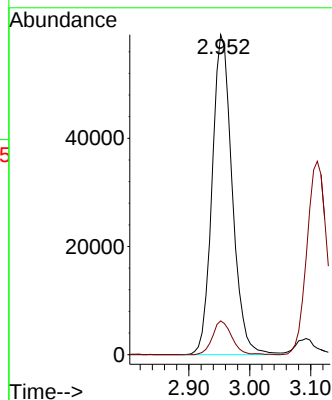
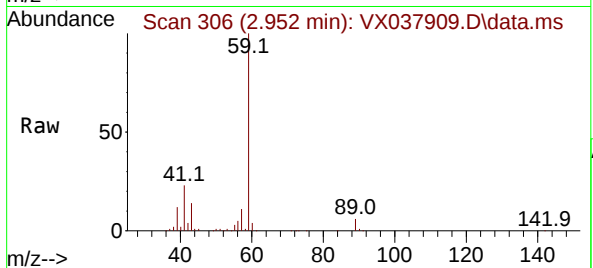
57 10.2 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#12

1,1-Dichloroethene

Concen: 45.292 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.007 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

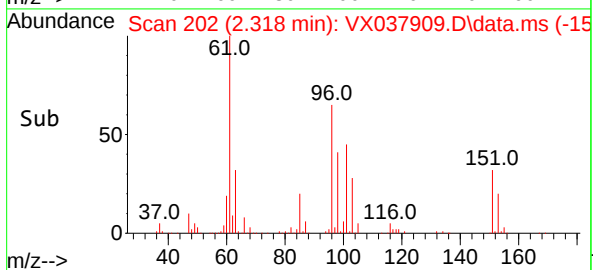
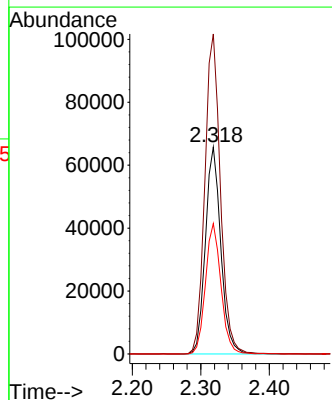
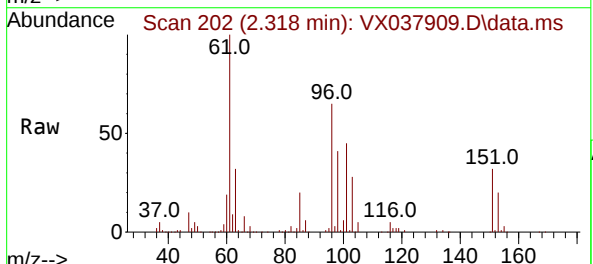
Tgt Ion: 96 Resp: 102873

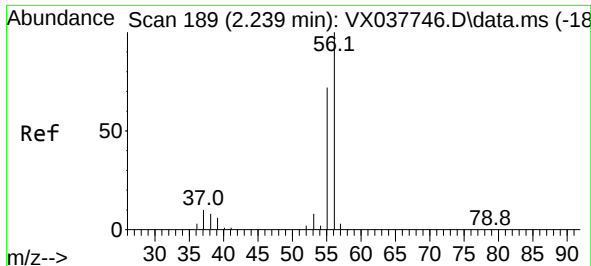
Ion Ratio Lower Upper

96 100

61 154.7 144.6 216.8

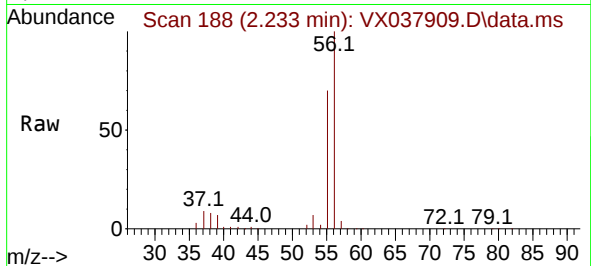
98 63.0 50.4 75.6





#13
Acrolein
Concen: 229.514 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

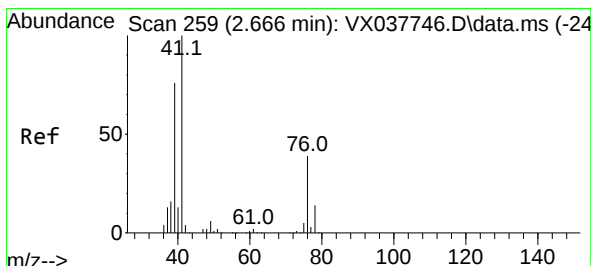
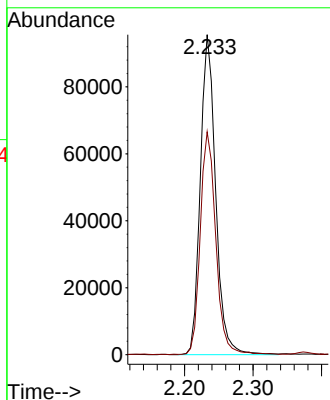
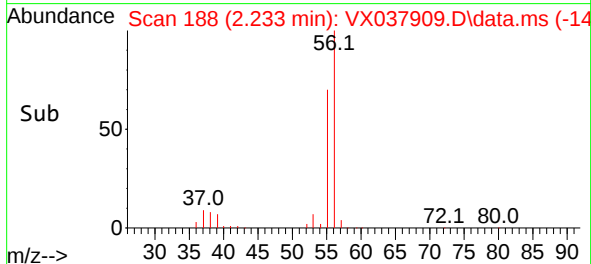
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 148870
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7

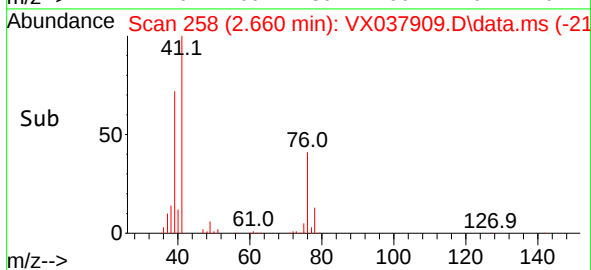
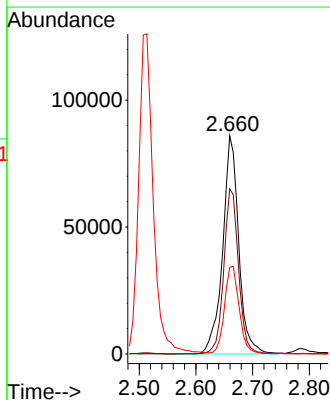
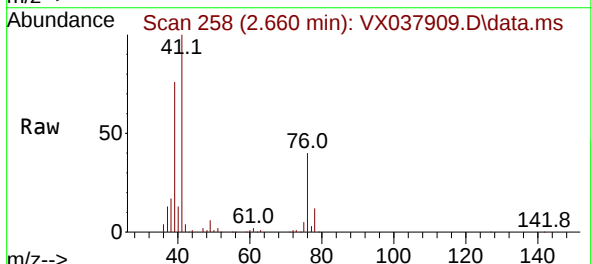
Manual Integrations
APPROVED

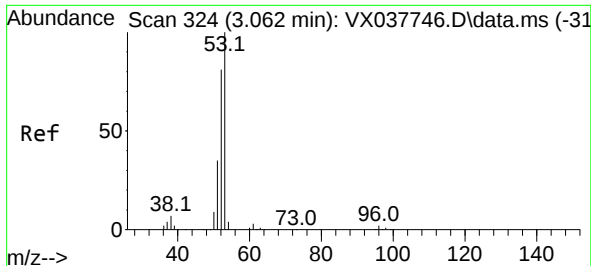
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#14
Allyl chloride
Concen: 44.687 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

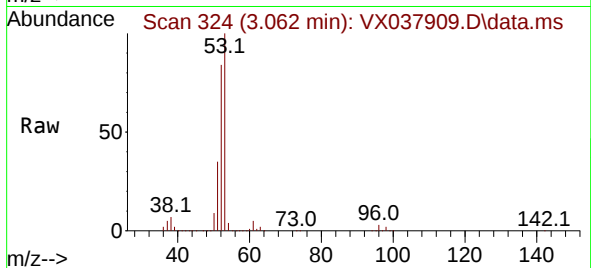
Tgt Ion: 41 Resp: 169047
Ion Ratio Lower Upper
41 100
39 69.4 55.8 83.6
76 36.9 24.3 36.5





#15
Acrylonitrile
Concen: 223.689 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

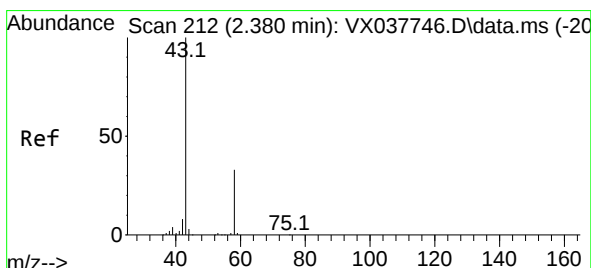
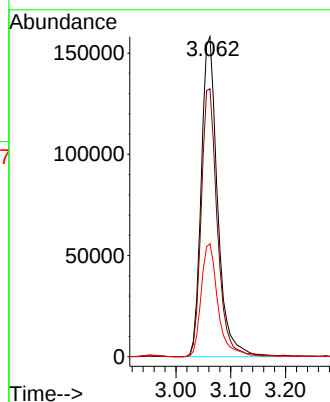
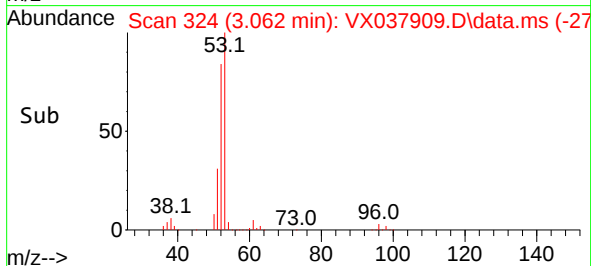
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 32654
Ion Ratio Lower Upper
53 100
52 83.2 66.0 99.0
51 36.8 29.8 44.6

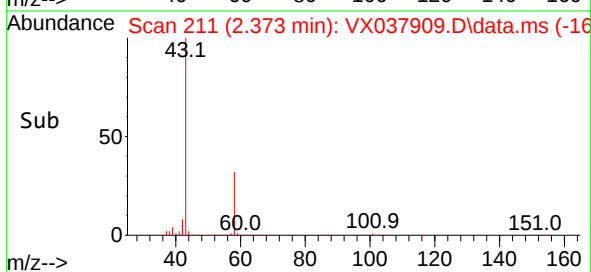
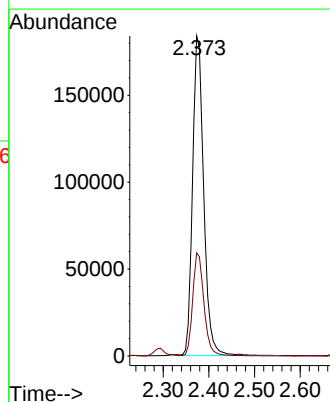
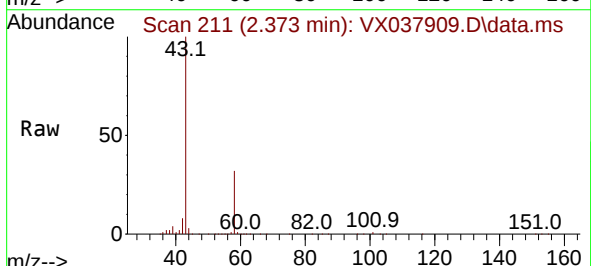
Manual Integrations
APPROVED

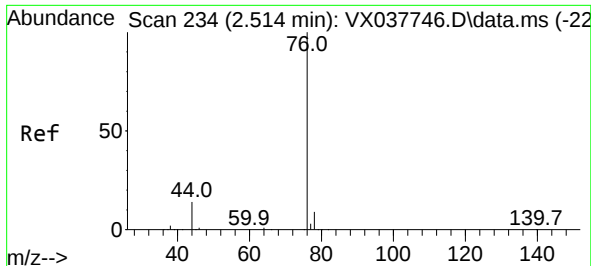
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#16
Acetone
Concen: 212.266 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

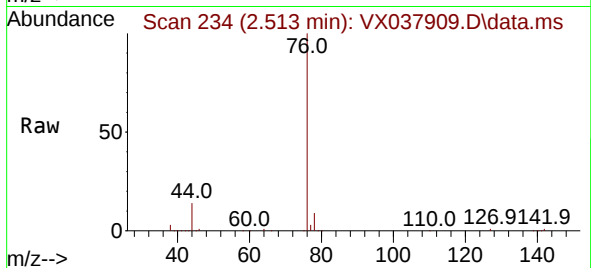
Tgt Ion: 43 Resp: 312346
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9





#17
Carbon Disulfide
Concen: 39.737 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

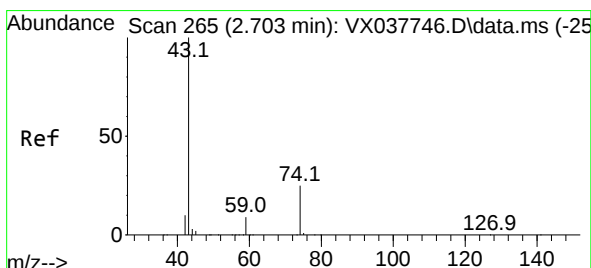
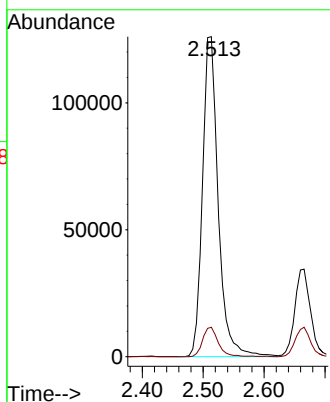
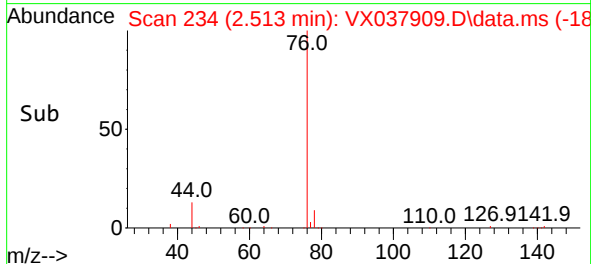
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



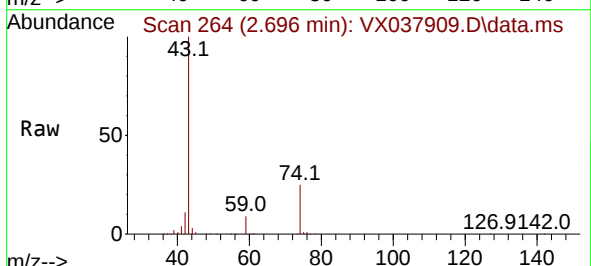
Tgt Ion: 76 Resp: 22629
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

Manual Integrations
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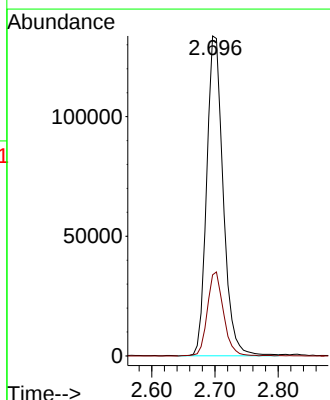
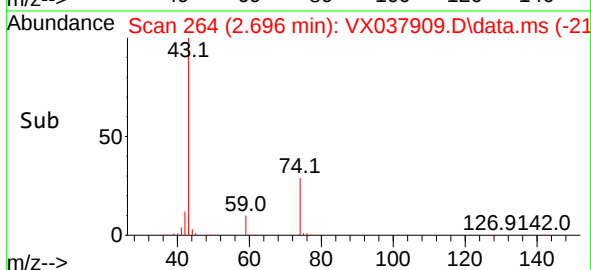
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#18
Methyl Acetate
Concen: 45.735 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02



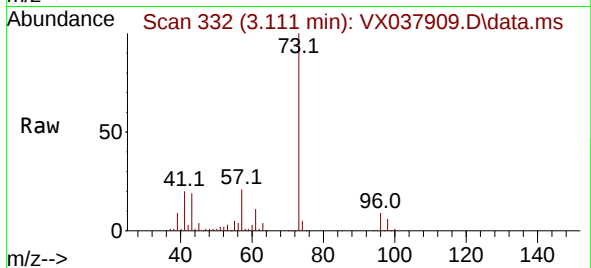
Tgt Ion: 43 Resp: 242774
Ion Ratio Lower Upper
43 100
74 25.7 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 47.006 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.013 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

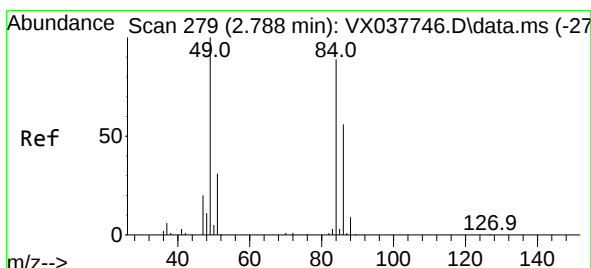
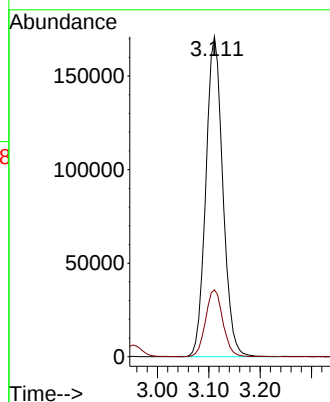
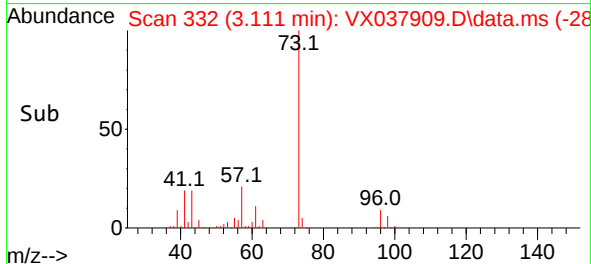
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 392740
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

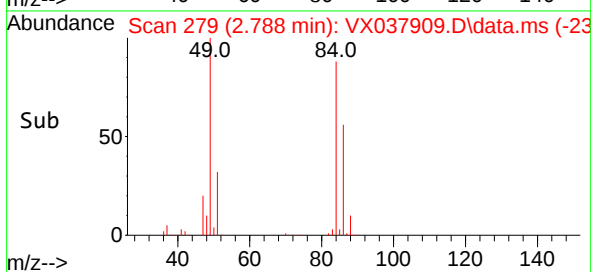
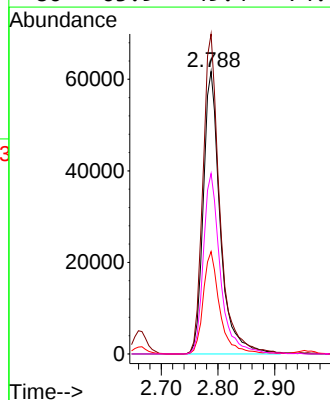
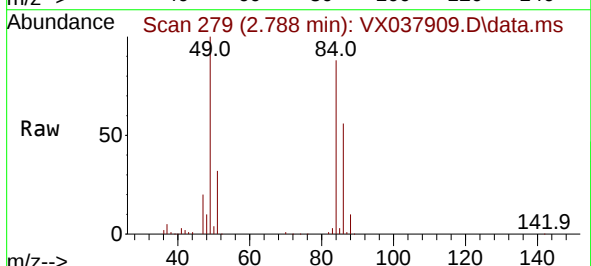
Manual Integrations
APPROVED

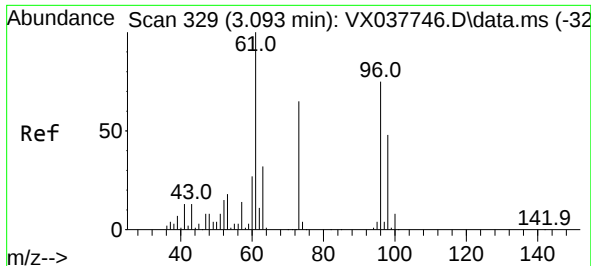
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#20
Methylene Chloride
Concen: 46.964 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

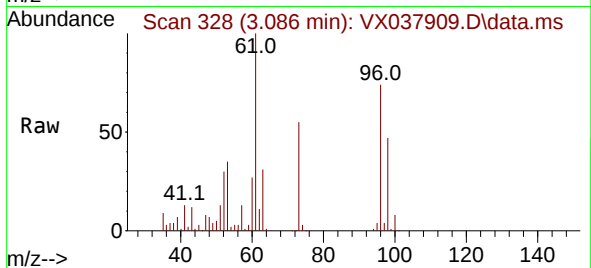
Tgt Ion: 84 Resp: 127768
Ion Ratio Lower Upper
84 100
49 113.3 103.6 155.4
51 36.3 33.8 50.6
86 63.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.585 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

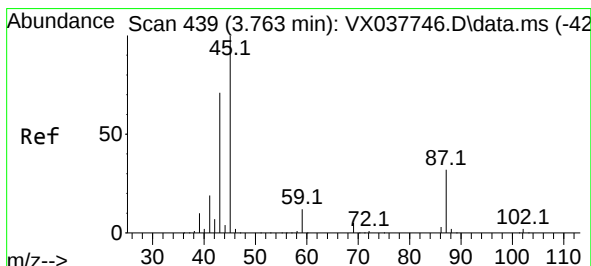
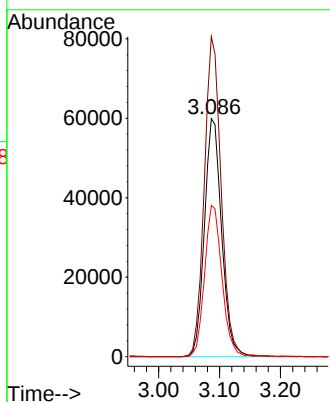
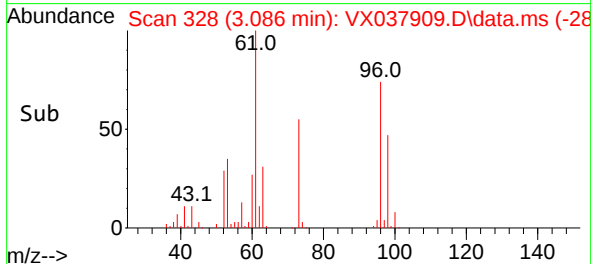
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



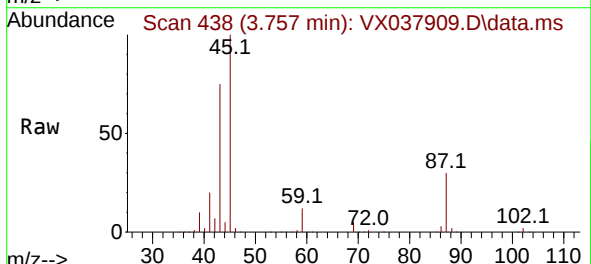
Tgt Ion: 96 Resp: 11749
Ion Ratio Lower Upper
96 100
61 134.4 119.2 178.8
98 63.5 48.7 73.1

Manual Integrations
APPROVED

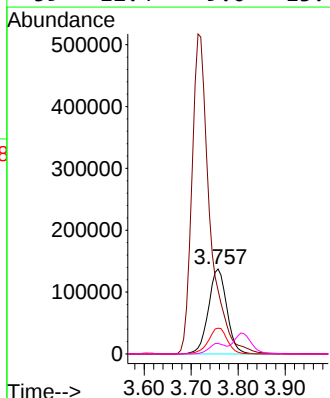
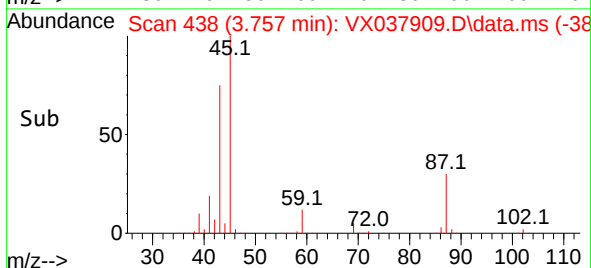
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

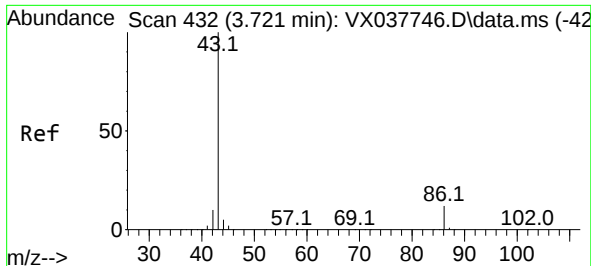


#22
Diisopropyl ether
Concen: 47.439 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02



Tgt Ion: 45 Resp: 373807
Ion Ratio Lower Upper
45 100
43 74.5 69.7 104.5
87 30.3 20.8 31.2
59 12.4 9.0 13.4





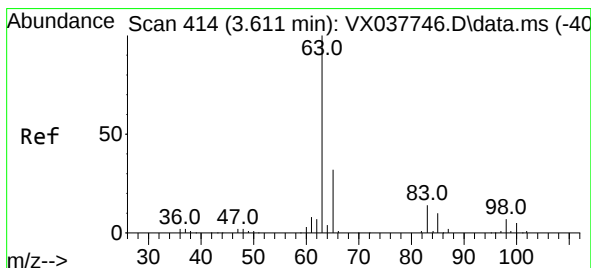
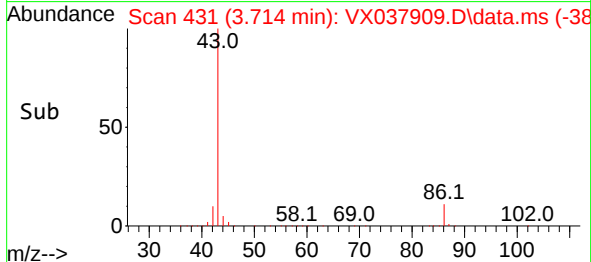
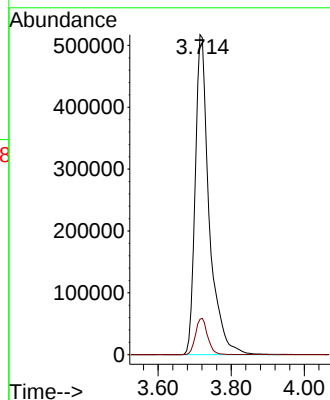
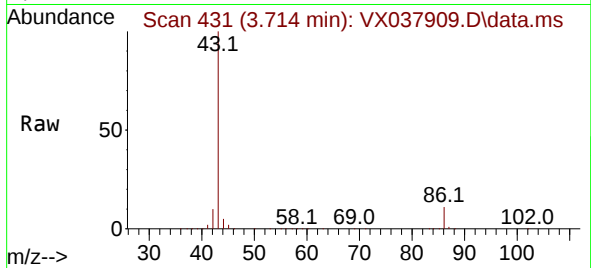
#23
 Vinyl Acetate
 Concen: 237.455 ug/l
 RT: 3.714 min Scan# 413
 Delta R.T. -0.013 min
 Lab File: VX037909.D
 Acq: 26 Sep 2023 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 137628
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8

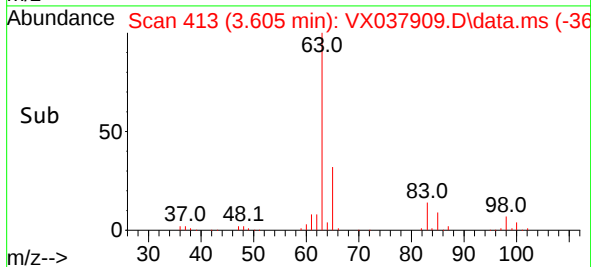
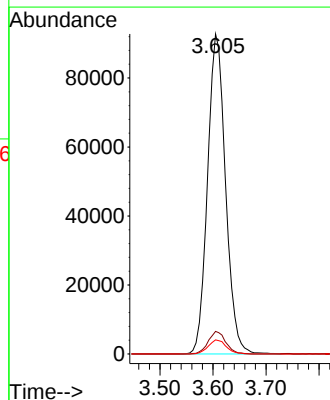
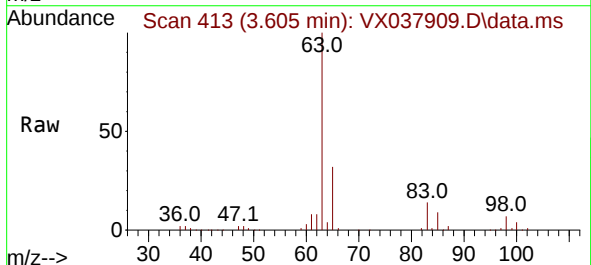
Manual Integrations
 APPROVED

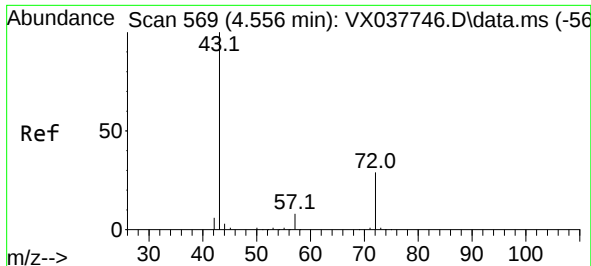
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023



#24
 1,1-Dichloroethane
 Concen: 46.397 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.007 min
 Lab File: VX037909.D
 Acq: 26 Sep 2023 16:02

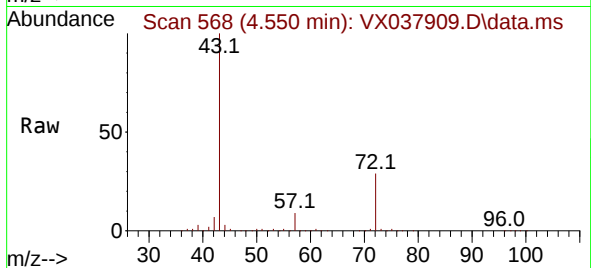
Tgt Ion: 63 Resp: 219080
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.4 2.1 6.5





#25
2-Butanone
Concen: 215.980 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.019 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

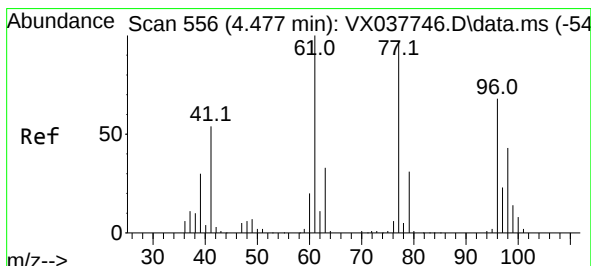
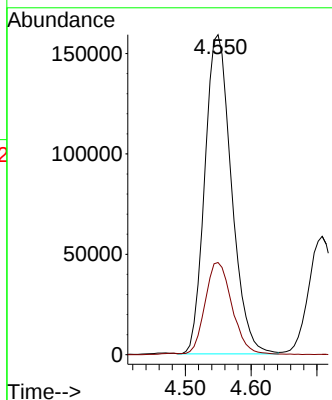
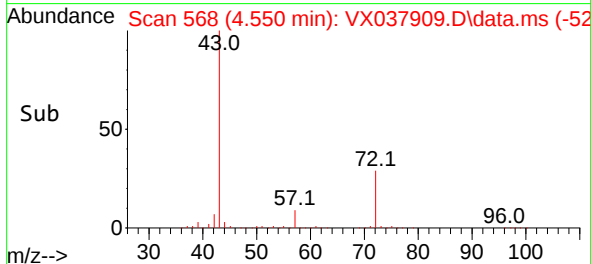
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 44848
Ion Ratio Lower Upper
43 100
72 28.7 19.4 29.2

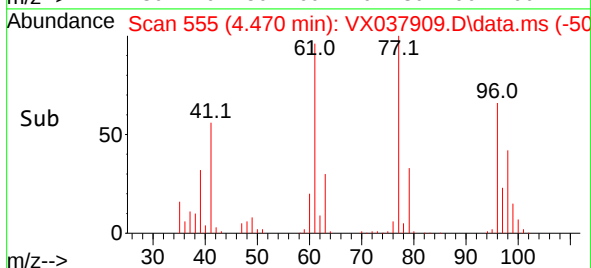
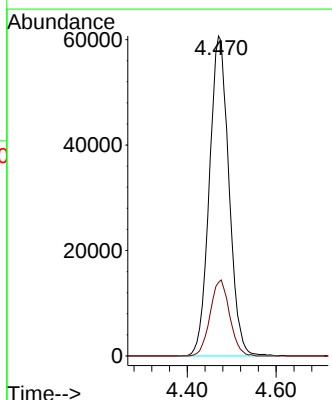
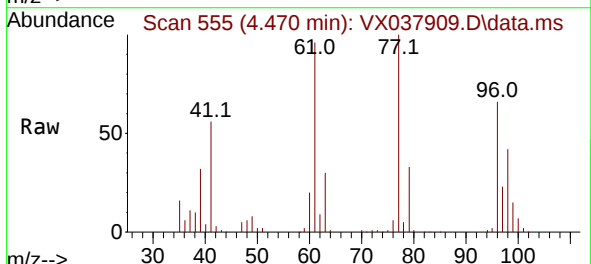
Manual Integrations
APPROVED

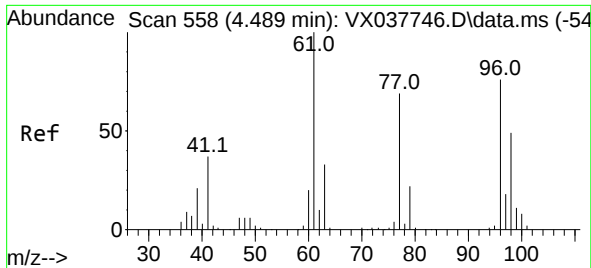
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#26
2,2-Dichloropropane
Concen: 48.572 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

Tgt Ion: 77 Resp: 185322
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.3





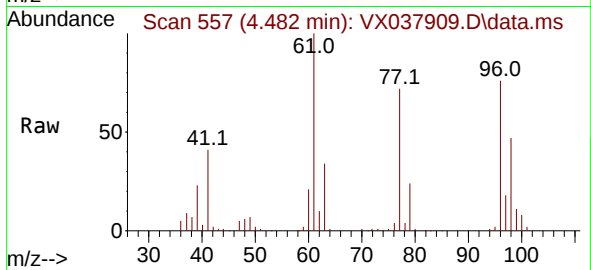
#27
 cis-1,2-Dichloroethene
 Concen: 46.888 ug/l
 RT: 4.482 min Scan# 557
 Delta R.T. -0.007 min
 Lab File: VX037909.D
 Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



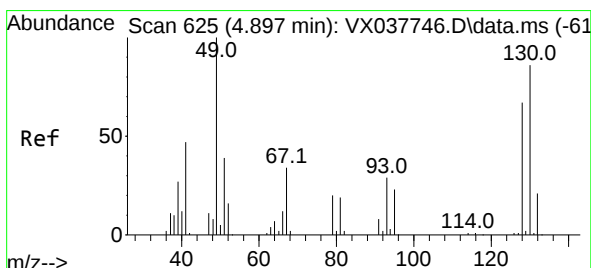
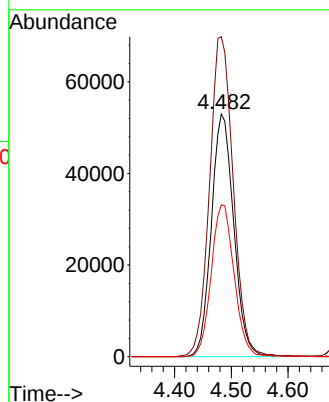
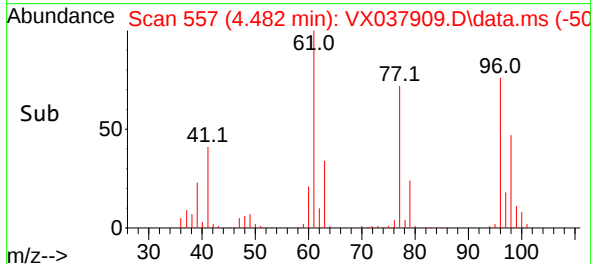
Tgt Ion: 96 Resp: 14497
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 312.2
 98 64.2 0.0 129.0

Manual Integrations

APPROVED

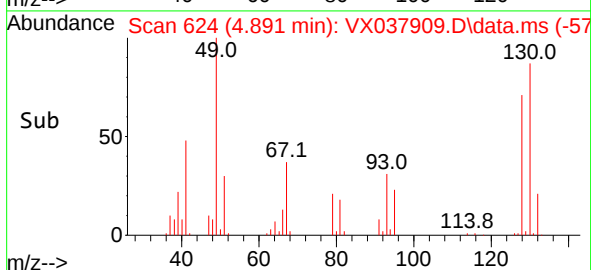
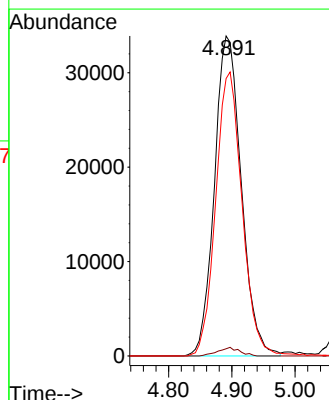
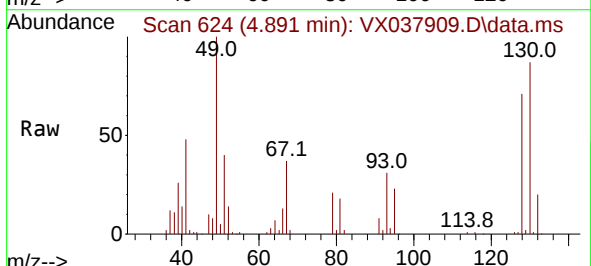
Reviewed By :John Carlone 09/27/2023

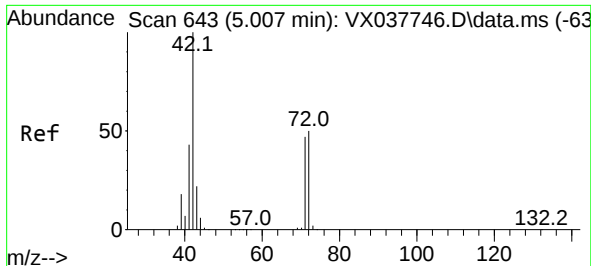
Supervised By :Mahesh Dadoda 09/27/2023



#28
 Bromochloromethane
 Concen: 45.376 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.013 min
 Lab File: VX037909.D
 Acq: 26 Sep 2023 16:02

Tgt Ion: 49 Resp: 99955
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 87.5 57.5 86.3#





#29

Tetrahydrofuran

Concen: 215.954 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.019 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 27893

Ion Ratio Lower Upper

42 100

72 49.5 34.2 51.4

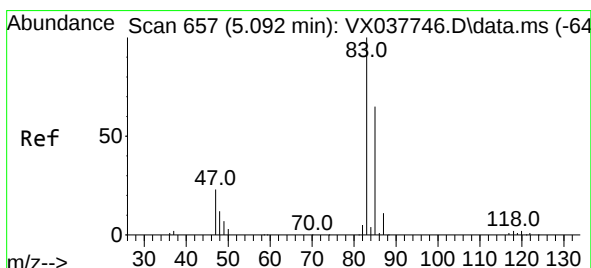
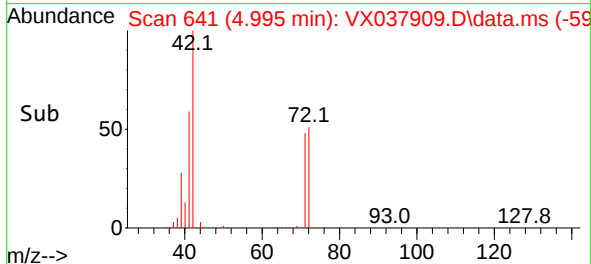
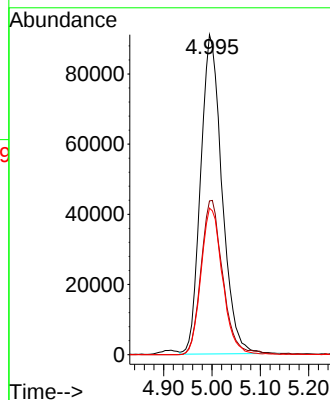
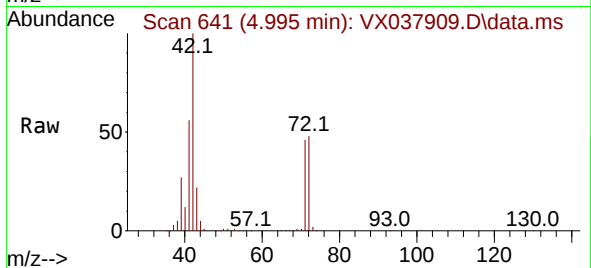
71 46.5 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#30

Chloroform

Concen: 47.938 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.007 min

Lab File: VX037909.D

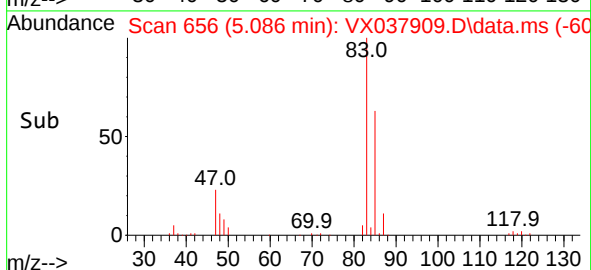
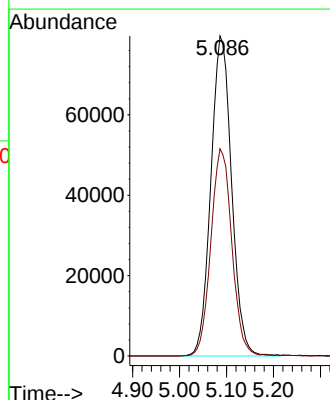
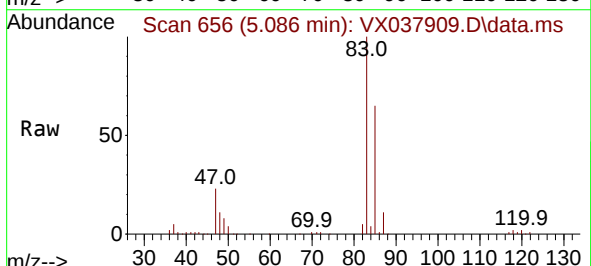
Acq: 26 Sep 2023 16:02

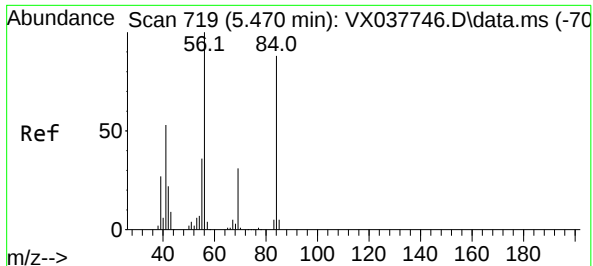
Tgt Ion: 83 Resp: 243845

Ion Ratio Lower Upper

83 100

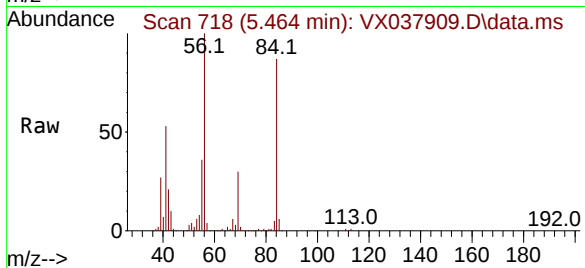
85 64.7 50.3 75.5





#31
Cyclohexane
Concen: 45.239 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

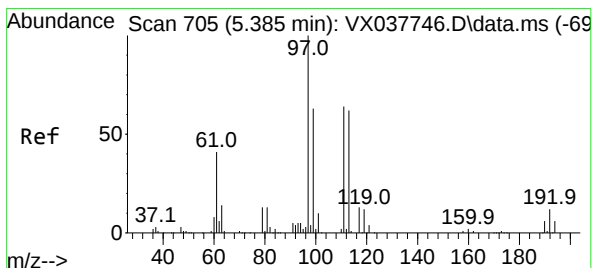
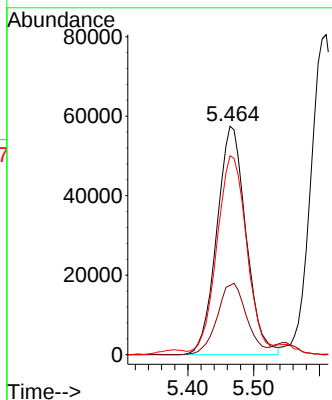
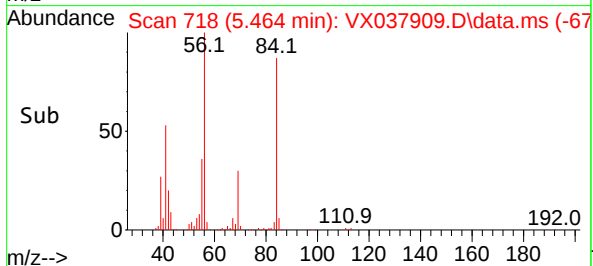
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 177610
Ion Ratio Lower Upper
56 100
69 30.3 23.4 35.2
84 85.1 65.9 98.9

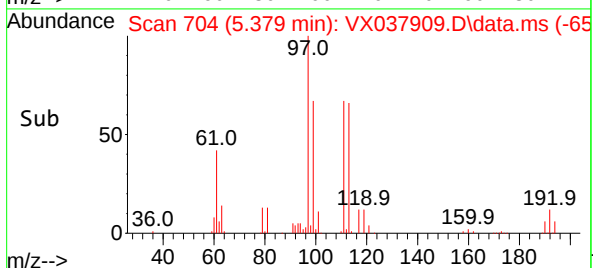
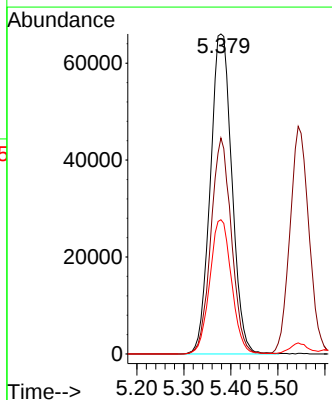
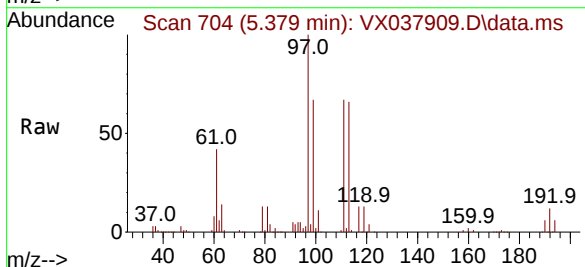
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#32
1,1,1-Trichloroethane
Concen: 48.910 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

Tgt Ion: 97 Resp: 210652
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 42.4 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 47.511 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

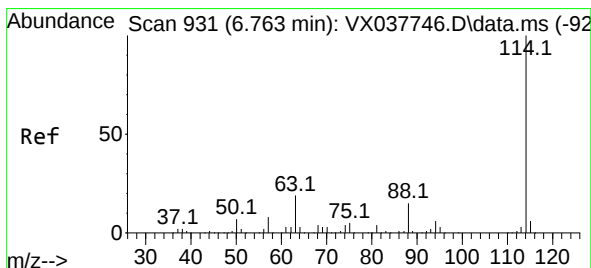
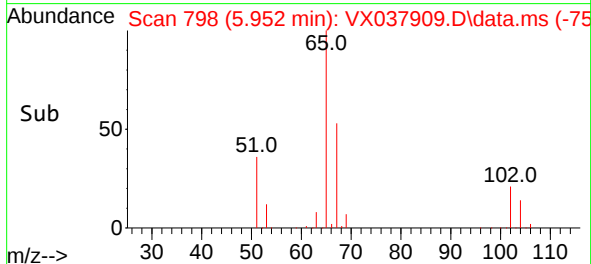
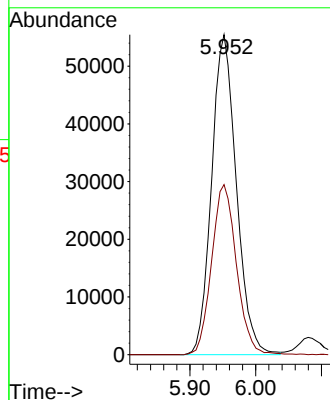
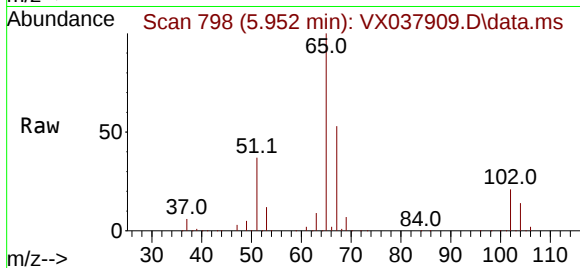
VSTDCCC050EC

Tgt Ion: 65 Resp: 145329
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2

Manual Integrations

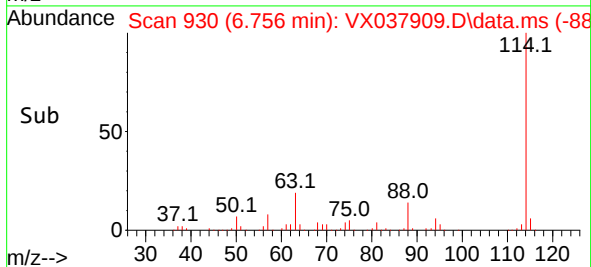
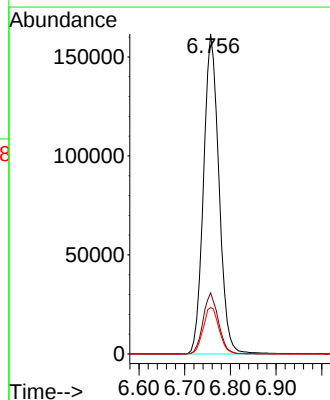
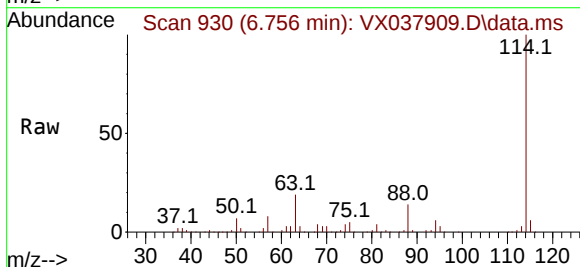
APPROVED

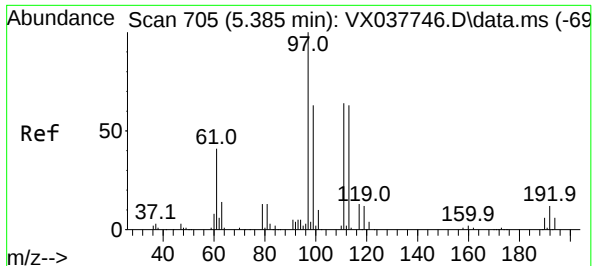
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 930
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

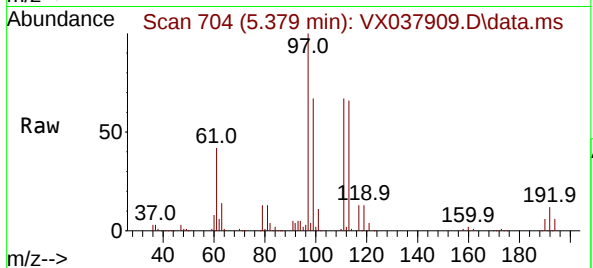
Tgt Ion:114 Resp: 378746
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 14.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.573 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

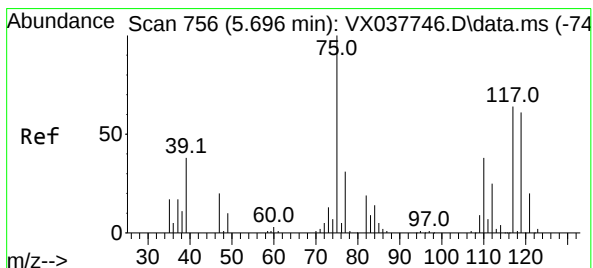
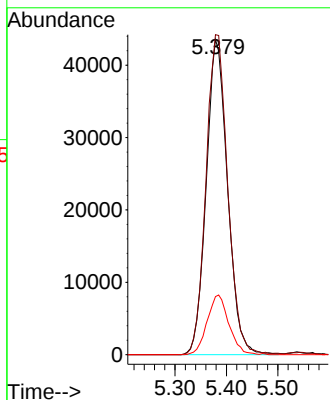
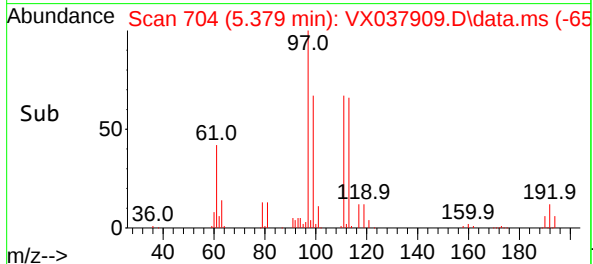
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 125629
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 19.3 13.3 19.9

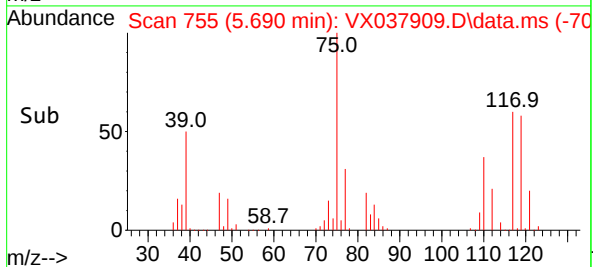
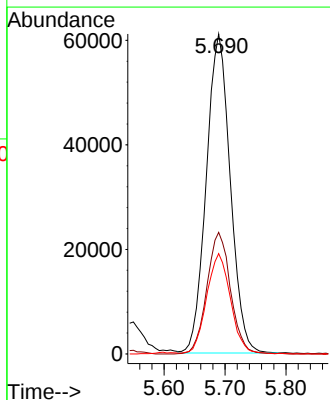
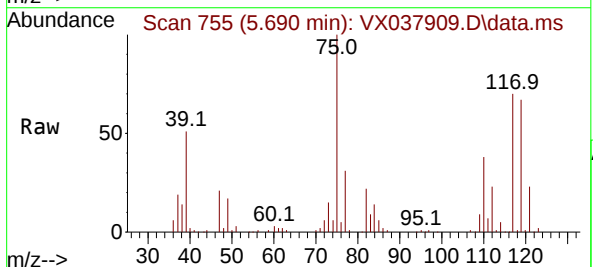
Manual Integrations
APPROVED

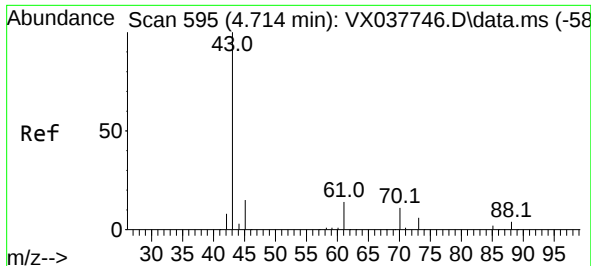
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#36
1,1-Dichloropropene
Concen: 47.813 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

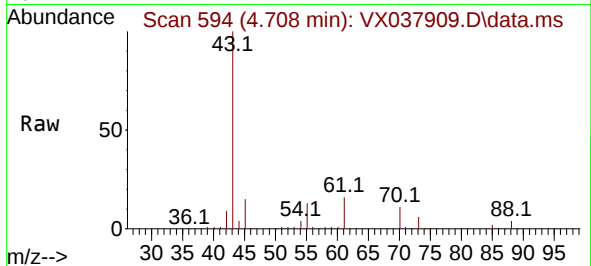
Tgt Ion: 75 Resp: 166914
Ion Ratio Lower Upper
75 100
110 37.6 17.0 50.9
77 31.3 24.7 37.1





#37
Ethyl Acetate
Concen: 45.487 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.025 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

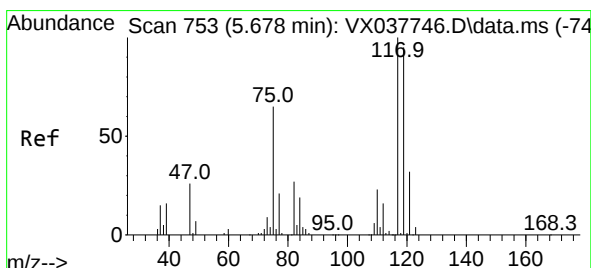
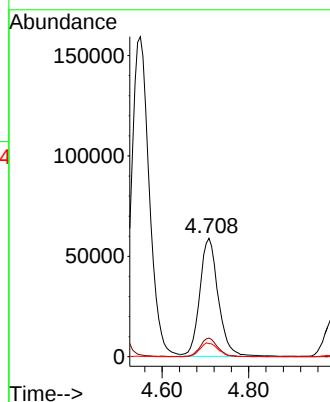
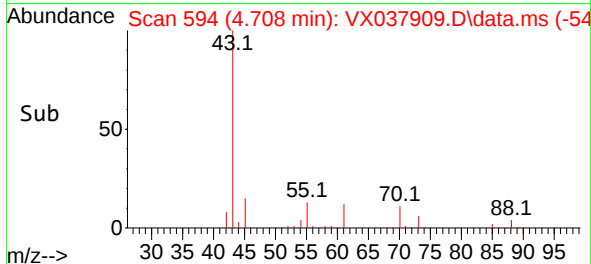
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 17457
Ion Ratio Lower Upper
43 100
61 14.5 10.6 16.0
70 11.6 8.3 12.5

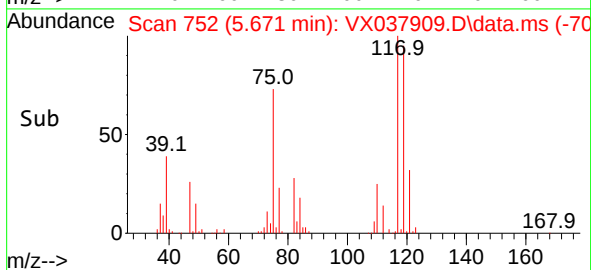
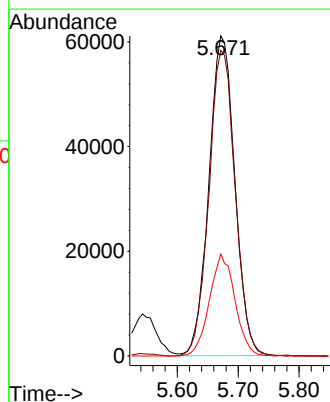
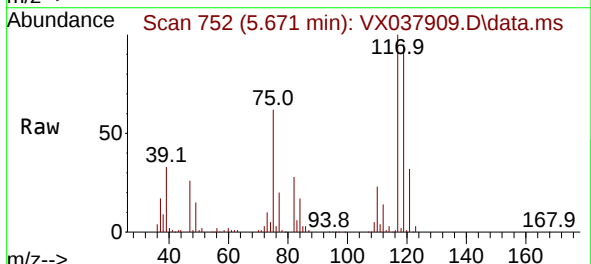
Manual Integrations
APPROVED

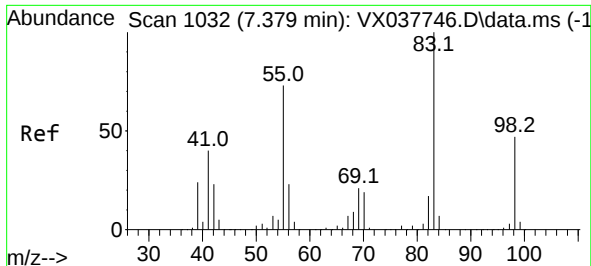
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#38
Carbon Tetrachloride
Concen: 49.374 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

Tgt Ion:117 Resp: 180345
Ion Ratio Lower Upper
117 100
119 95.4 78.2 117.2
121 31.9 24.4 36.6





#39

Methylcyclohexane

Concen: 46.891 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 20775

Ion Ratio Lower Upper

83 100

55 70.7 64.6 97.0

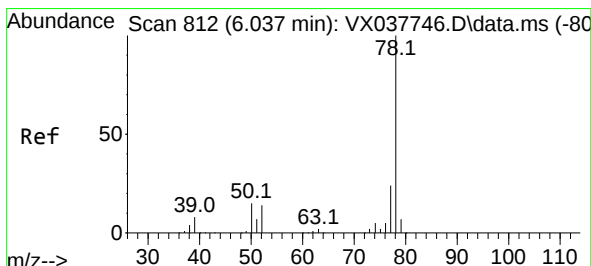
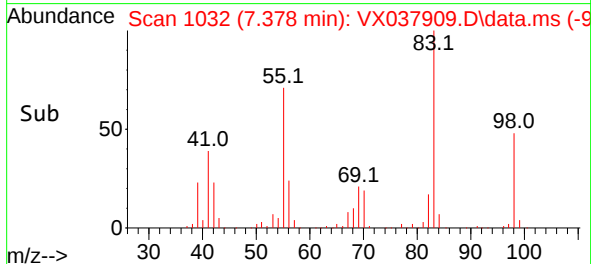
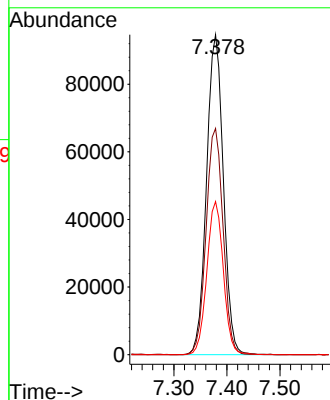
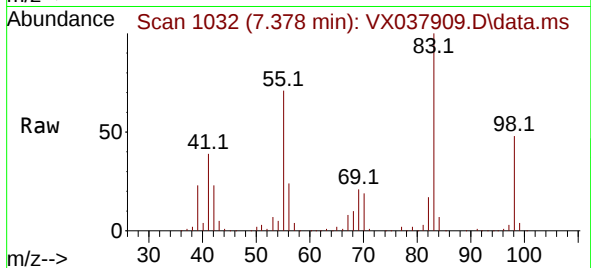
98 47.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#40

Benzene

Concen: 47.012 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.013 min

Lab File: VX037909.D

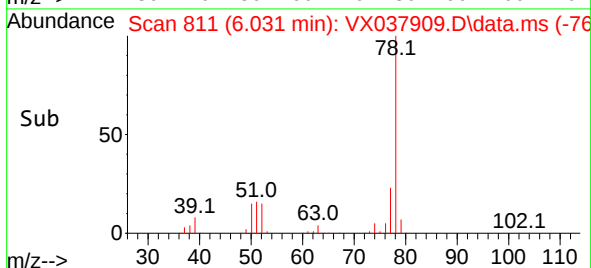
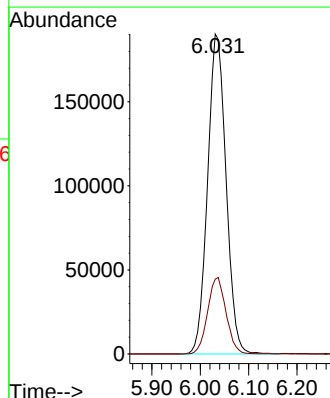
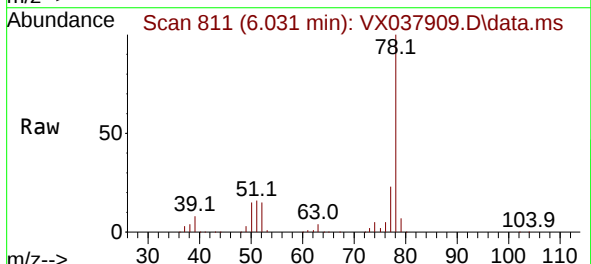
Acq: 26 Sep 2023 16:02

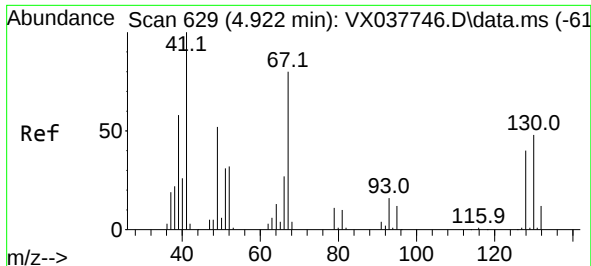
Tgt Ion: 78 Resp: 504691

Ion Ratio Lower Upper

78 100

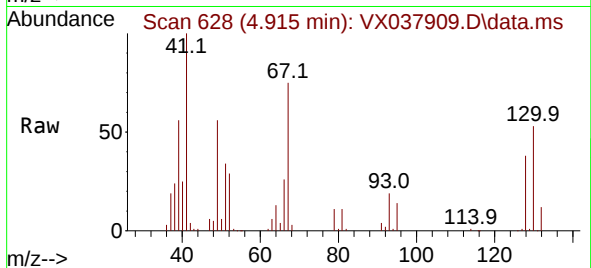
77 23.4 19.3 28.9





#41
Methacrylonitrile
Concen: 47.370 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.031 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

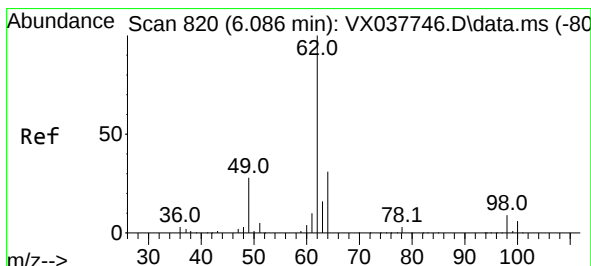
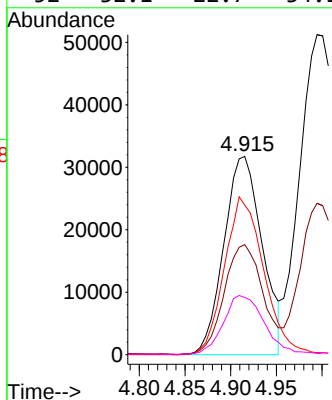
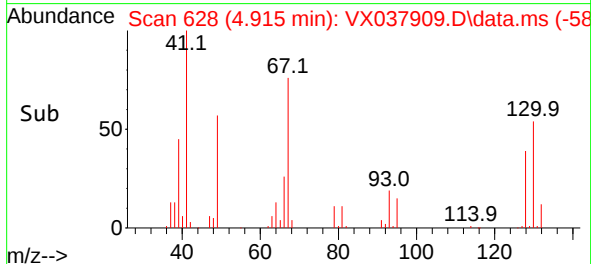
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	9269
Ion Ratio	100	Lower	Upper
39	57.7	45.2	67.8
67	81.5	52.6	78.8
52	32.1	22.7	34.1

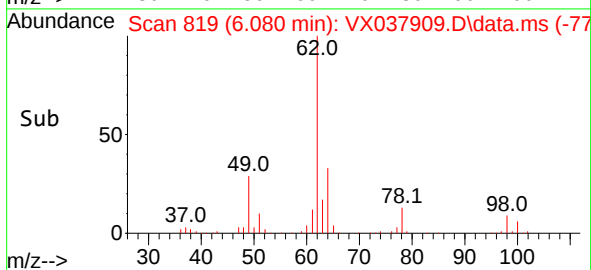
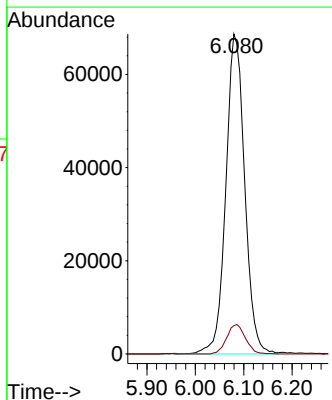
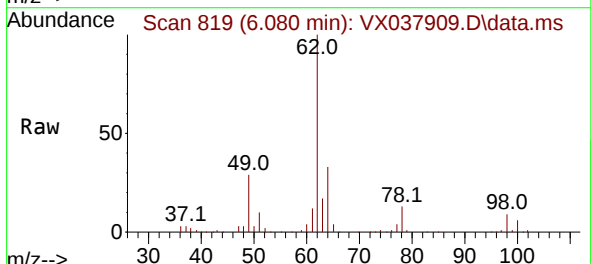
Manual Integrations
APPROVED

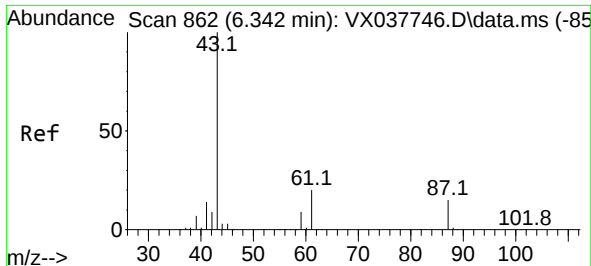
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#42
1,2-Dichloroethane
Concen: 47.916 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.019 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

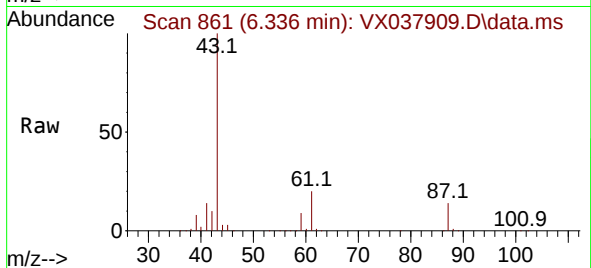
Tgt Ion:	62	Resp:	185916
Ion Ratio	100	Lower	Upper
98	9.2	0.0	16.0





#43
Isopropyl Acetate
Concen: 46.943 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

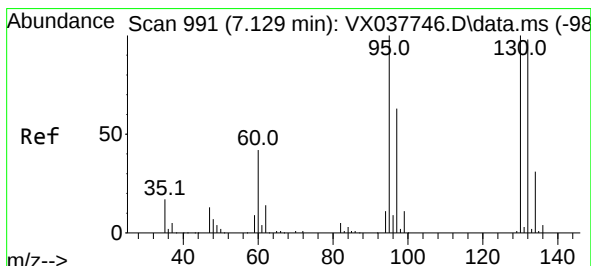
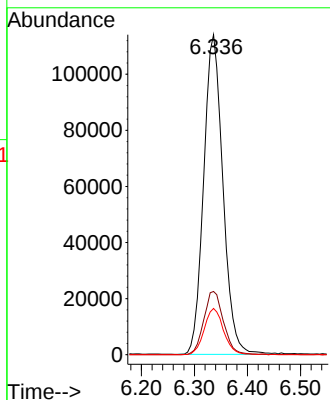
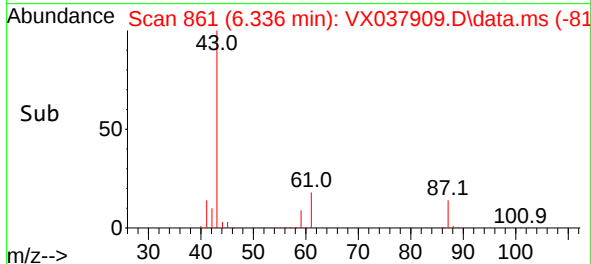
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 288070
Ion Ratio Lower Upper
43 100
61 20.2 15.2 22.8
87 14.5 9.8 14.6

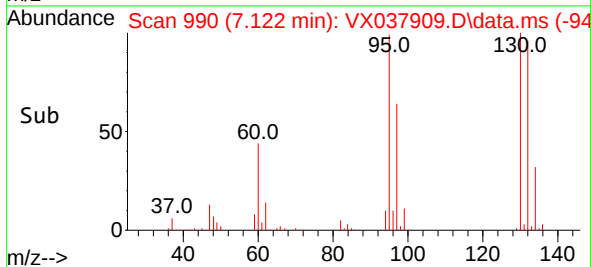
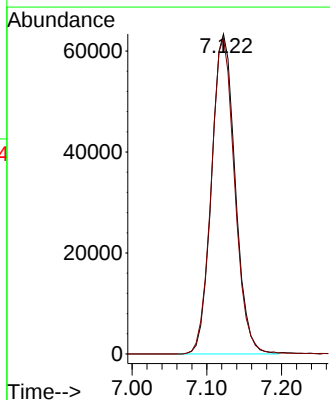
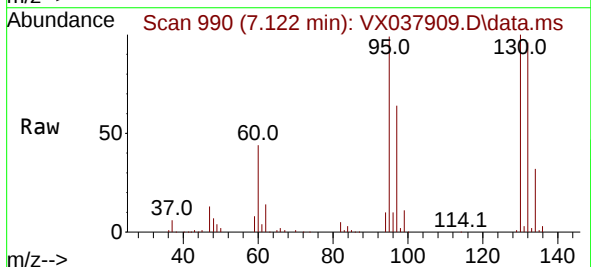
Manual Integrations
APPROVED

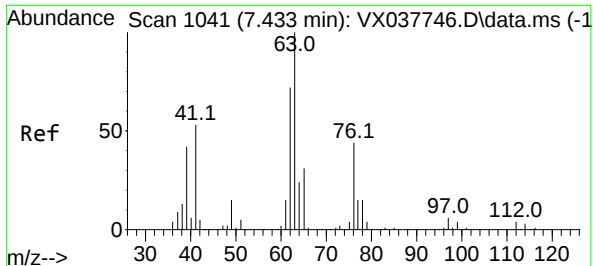
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#44
Trichloroethene
Concen: 46.465 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.013 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

Tgt Ion:130 Resp: 138913
Ion Ratio Lower Upper
130 100
95 98.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.500 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13521

Ion Ratio Lower Upper

63 100

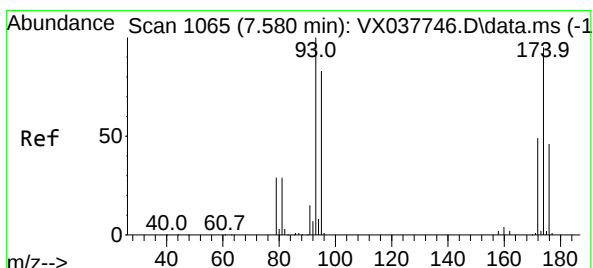
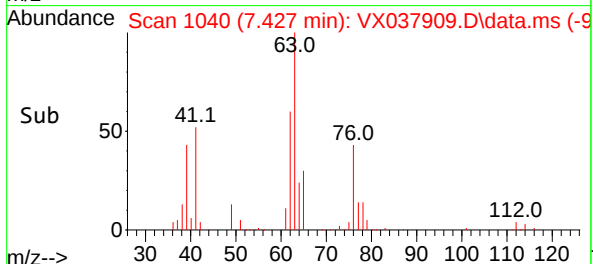
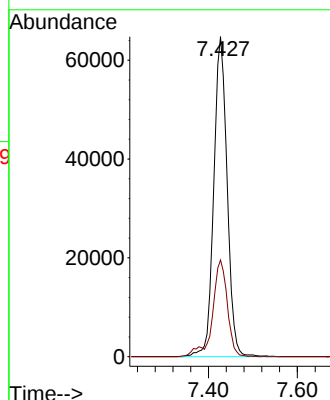
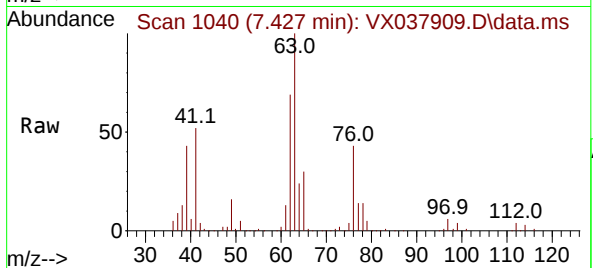
65 30.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#46

Dibromomethane

Concen: 49.466 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

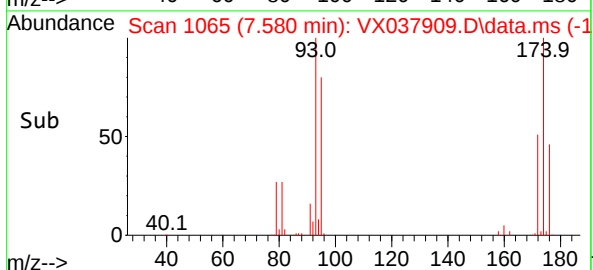
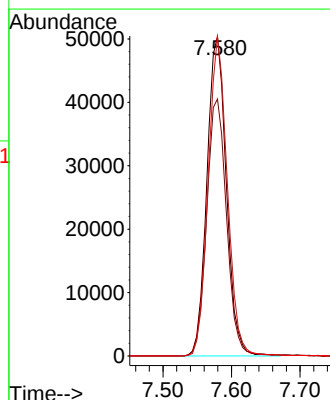
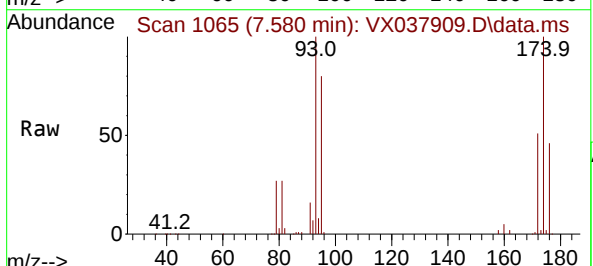
Tgt Ion: 93 Resp: 99201

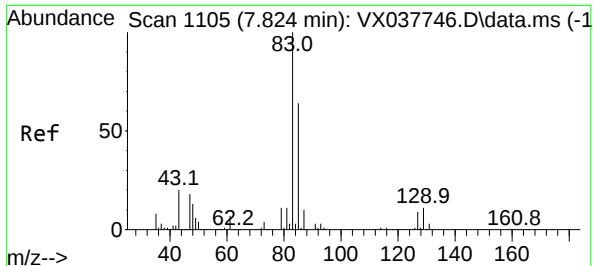
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 98.2 69.4 104.0





#47

Bromodichloromethane

Concen: 51.348 ug/l

RT: 7.817 min Scan# 1104

Delta R.T. -0.007 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 18965

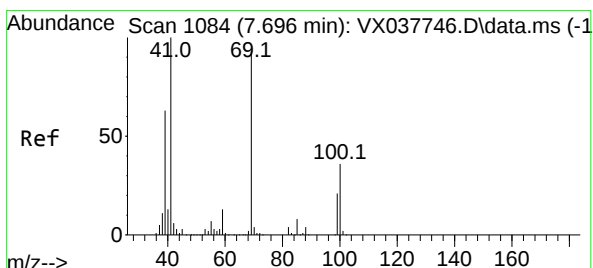
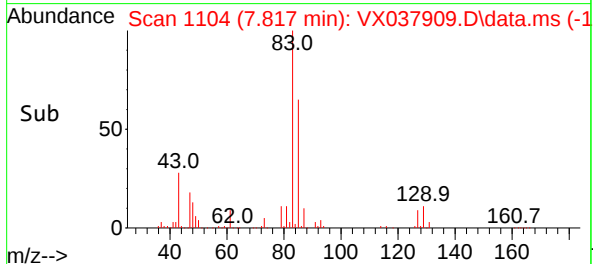
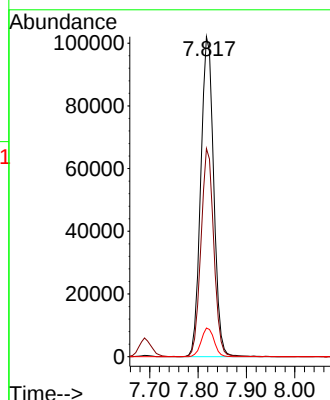
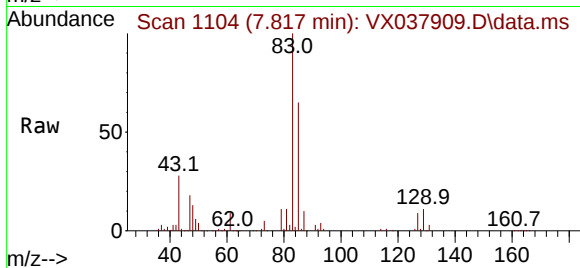
Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.8	74.6
127	9.0	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#48

Methyl methacrylate

Concen: 46.863 ug/l

RT: 7.689 min Scan# 1083

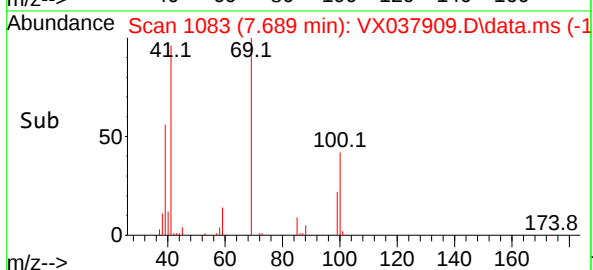
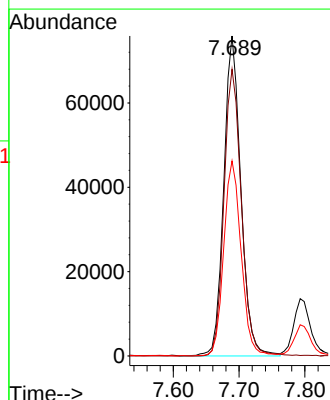
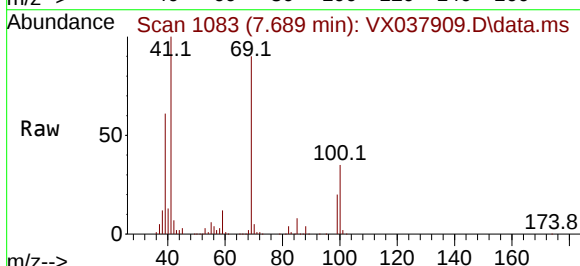
Delta R.T. -0.013 min

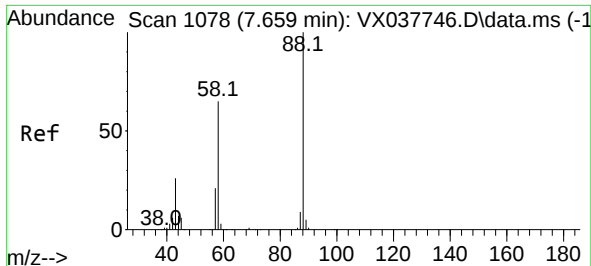
Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

Tgt Ion: 41 Resp: 137479

Ion	Ratio	Lower	Upper
41	100		
69	91.6	59.2	88.8
39	62.2	47.7	71.5





#49

1,4-Dioxane

Concen: 821.215 ug/l

RT: 7.653 min Scan# 1078

Delta R.T. -0.019 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

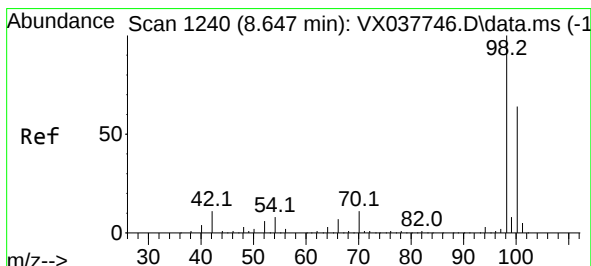
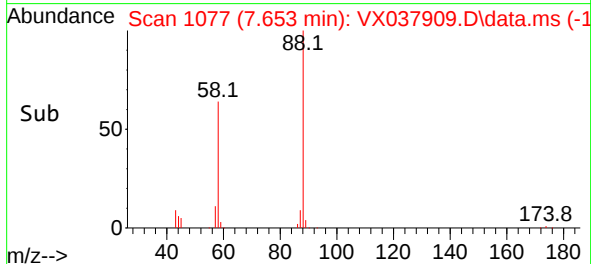
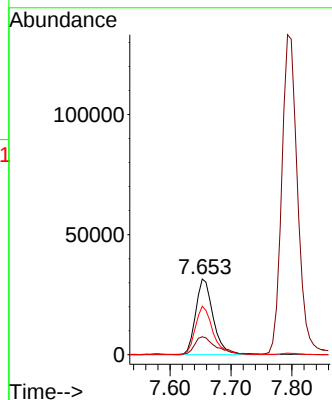
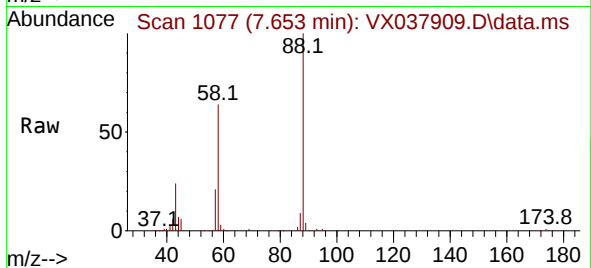
Tgt Ion: 88 Resp: 63159
 Ion Ratio Lower Upper
 88 100
 43 28.5 0.0 0.0
 58 64.2 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#50

Toluene-d8

Concen: 50.013 ug/l

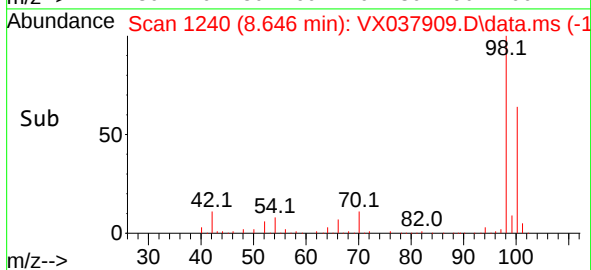
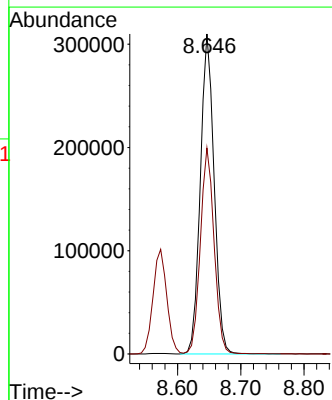
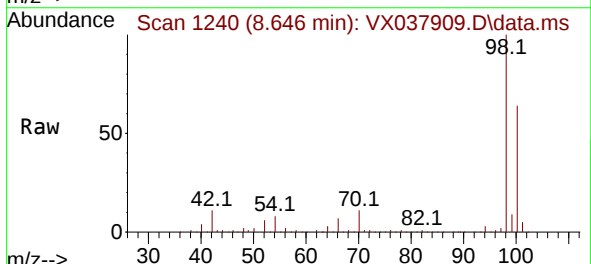
RT: 8.646 min Scan# 1240

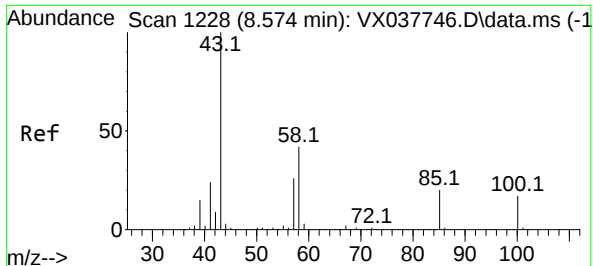
Delta R.T. -0.000 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

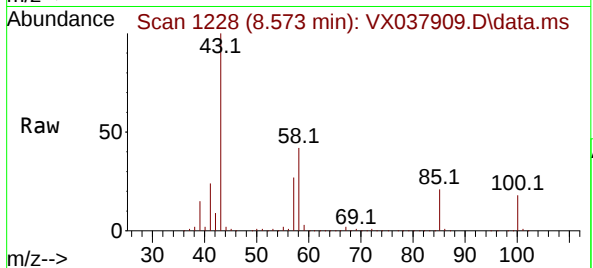
Tgt Ion: 98 Resp: 470934
 Ion Ratio Lower Upper
 98 100
 100 63.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 231.844 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

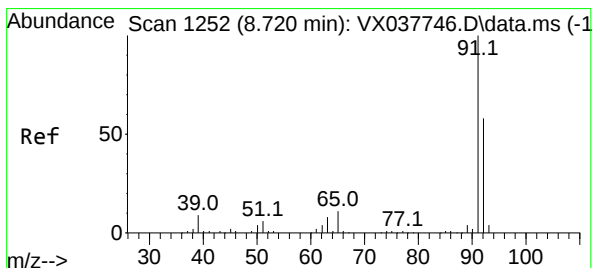
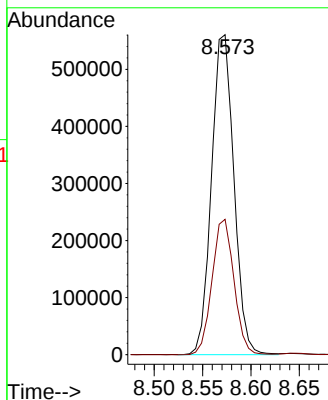
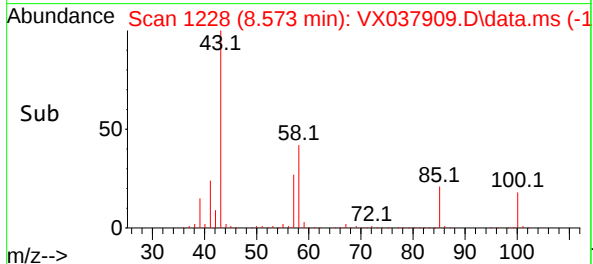
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 902689
Ion Ratio Lower Upper
43 100
58 41.5 30.4 45.6

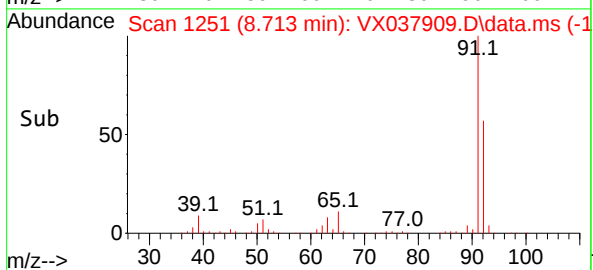
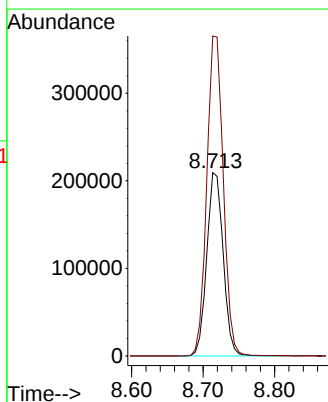
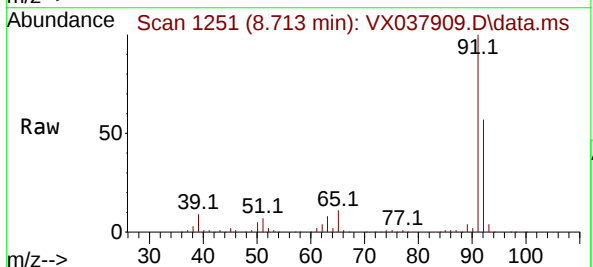
Manual Integrations
APPROVED

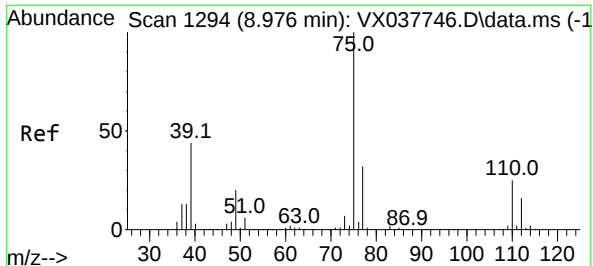
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#52
Toluene
Concen: 48.171 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

Tgt Ion: 92 Resp: 333281
Ion Ratio Lower Upper
92 100
91 175.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.063 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.013 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 204928

Ion Ratio Lower Upper

75 100

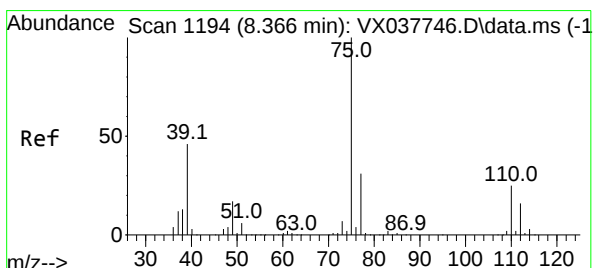
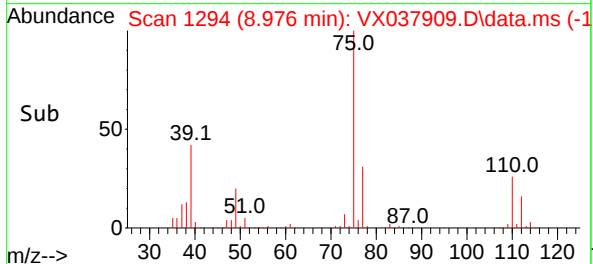
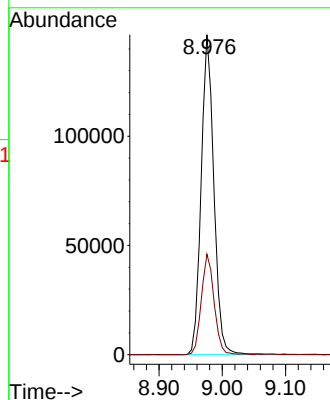
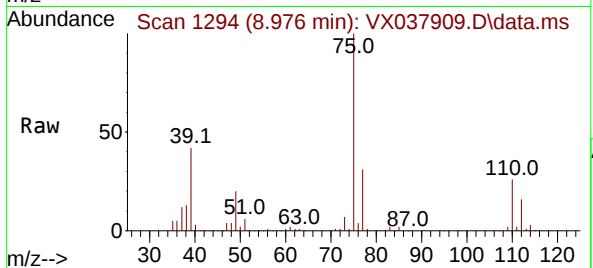
77 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#54

cis-1,3-Dichloropropene

Concen: 51.221 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.007 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

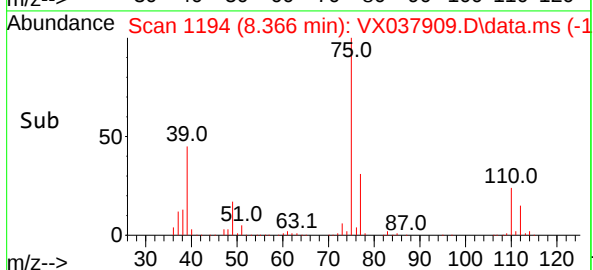
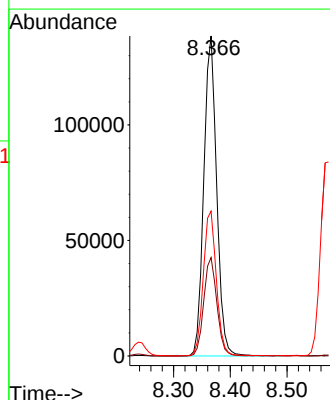
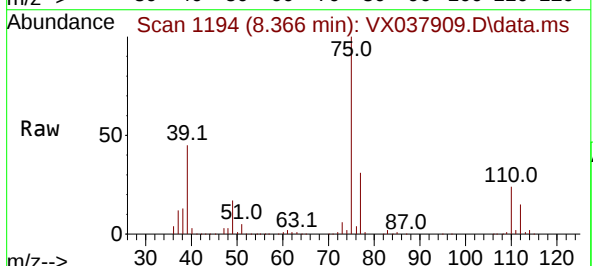
Tgt Ion: 75 Resp: 218926

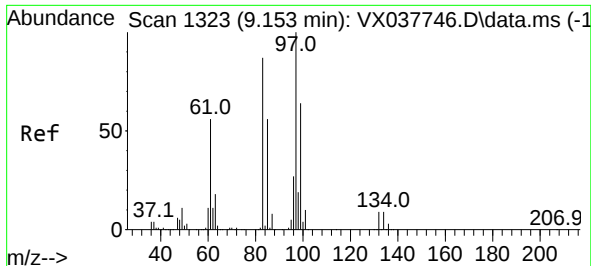
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

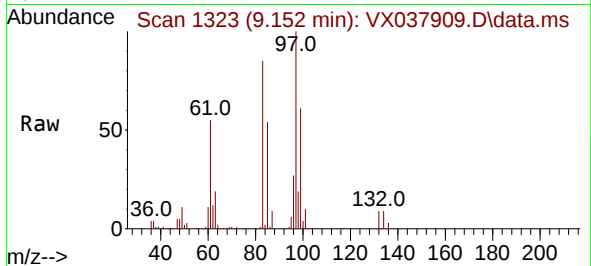
39 45.2 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 50.112 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

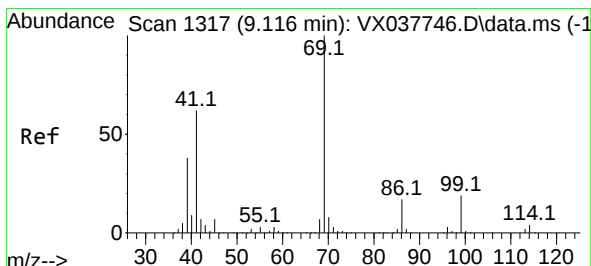
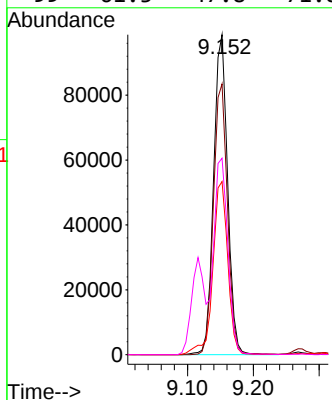
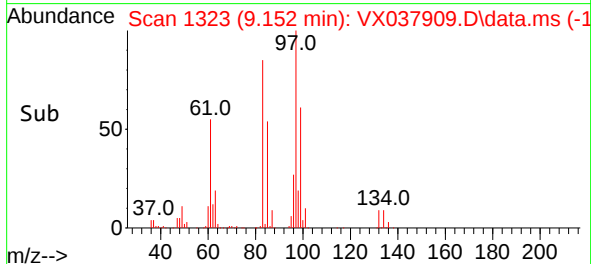
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



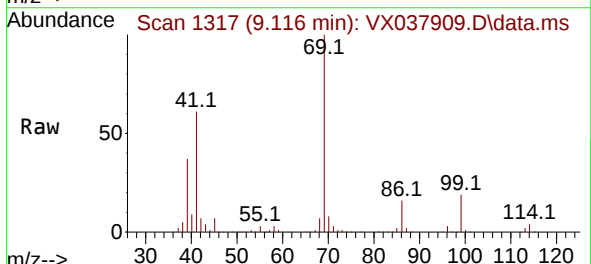
Tgt Ion: 97 Resp: 146178
Ion Ratio Lower Upper
97 100
83 84.6 65.8 98.8
85 54.1 41.6 62.4
99 61.3 47.8 71.8

Manual Integrations
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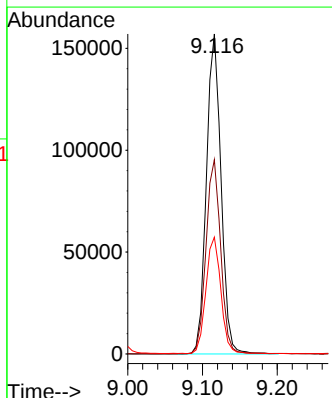
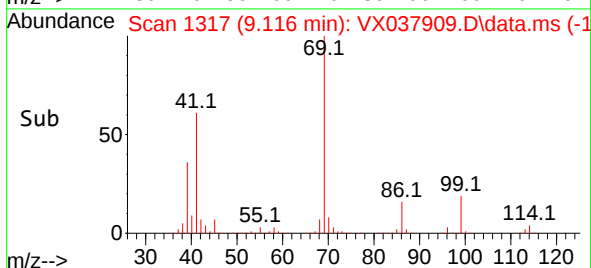
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

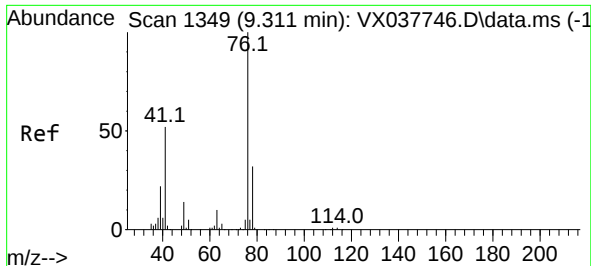


#56
Ethyl methacrylate
Concen: 49.075 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02



Tgt Ion: 69 Resp: 213709
Ion Ratio Lower Upper
69 100
41 61.0 56.8 85.2
39 37.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 48.445 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 22867

Ion Ratio Lower Upper

76 100

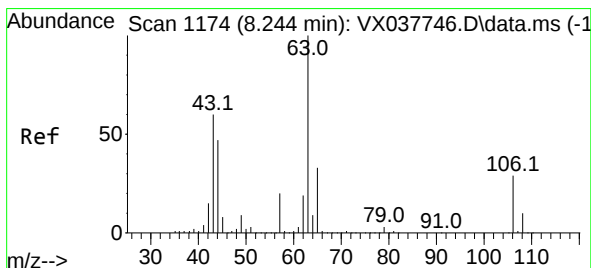
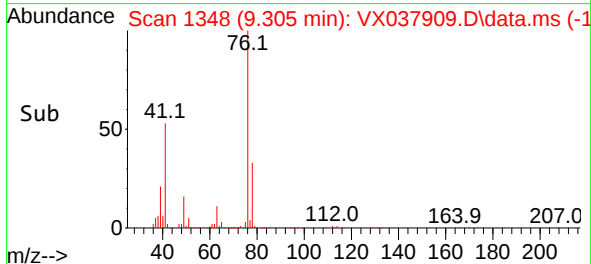
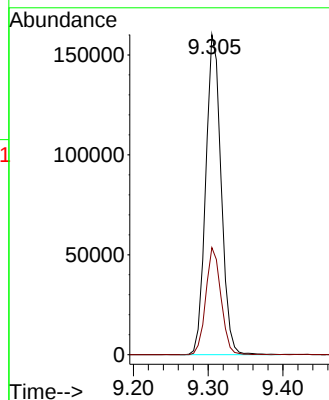
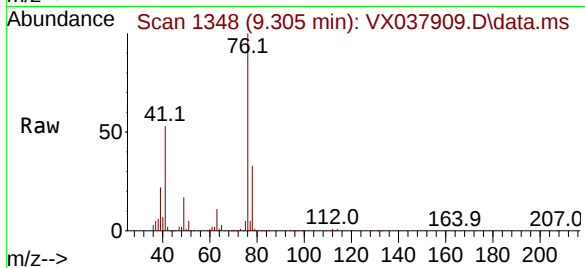
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 226.121 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.007 min

Lab File: VX037909.D

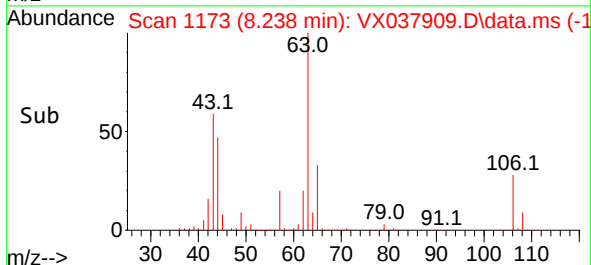
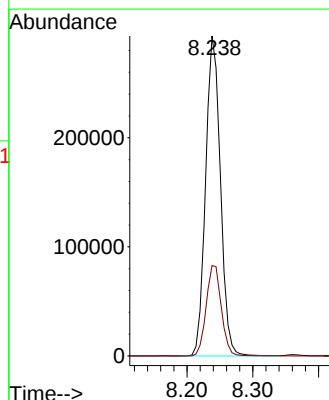
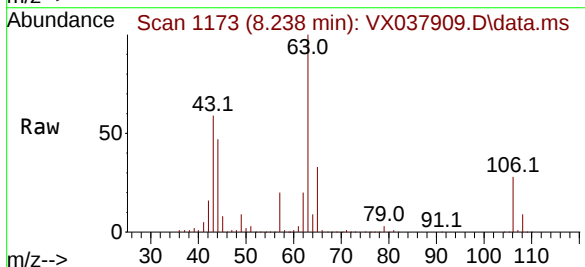
Acq: 26 Sep 2023 16:02

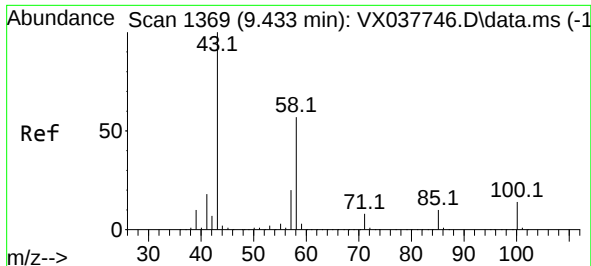
Tgt Ion: 63 Resp: 459804

Ion Ratio Lower Upper

63 100

106 28.9 22.5 33.7





#59

2-Hexanone

Concen: 231.008 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.007 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 70030

Ion Ratio Lower Upper

43 100

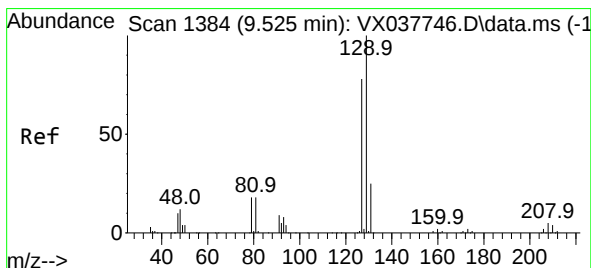
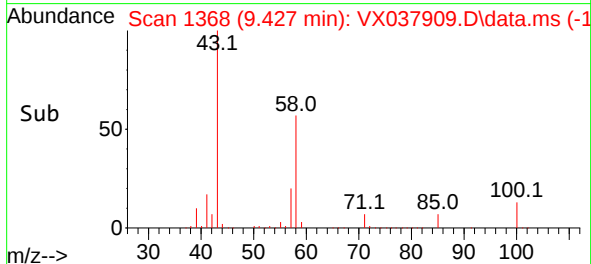
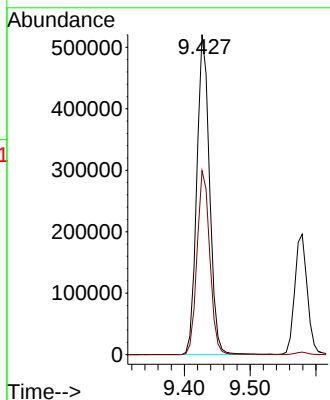
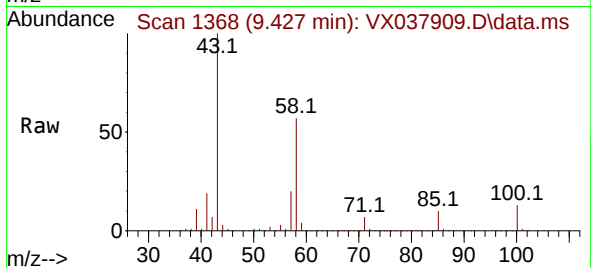
58 57.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#60

Dibromochloromethane

Concen: 52.880 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX037909.D

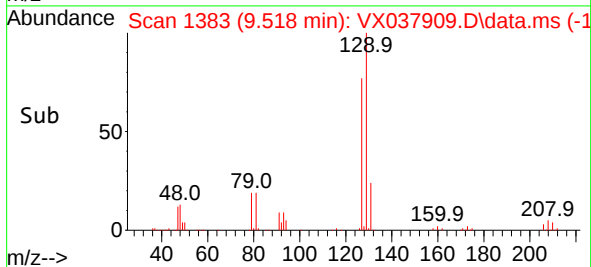
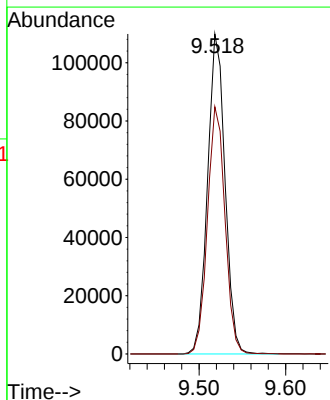
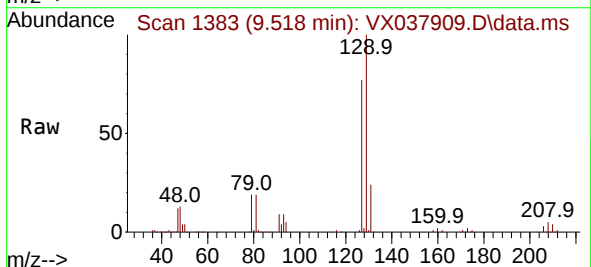
Acq: 26 Sep 2023 16:02

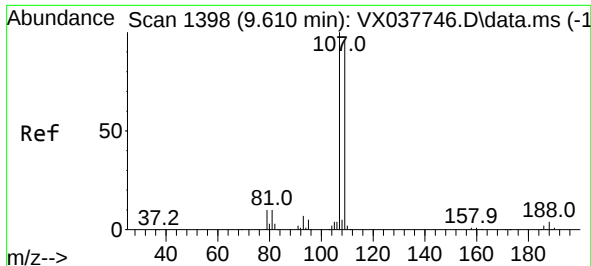
Tgt Ion:129 Resp: 153663

Ion Ratio Lower Upper

129 100

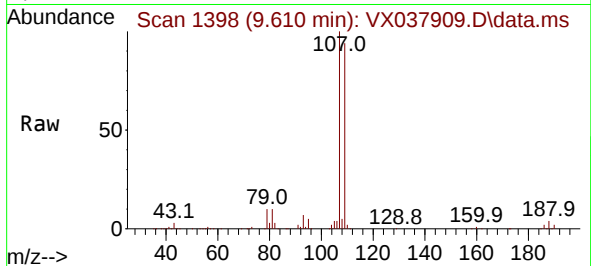
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.776 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

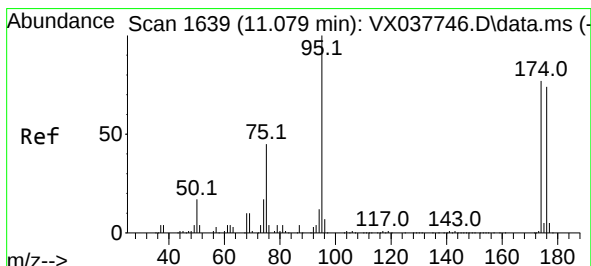
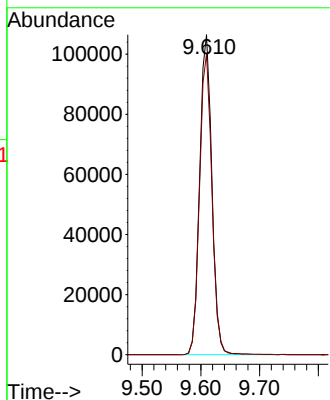
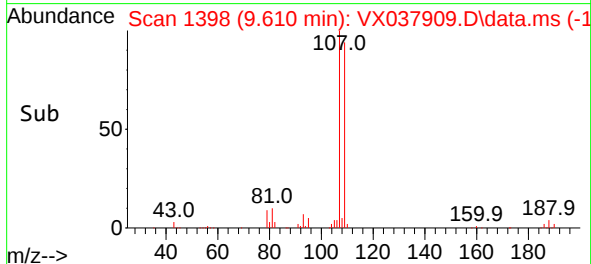
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



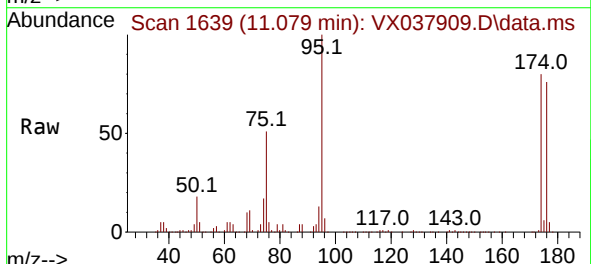
Tgt Ion:107 Resp: 153729
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

Manual Integrations
APPROVED

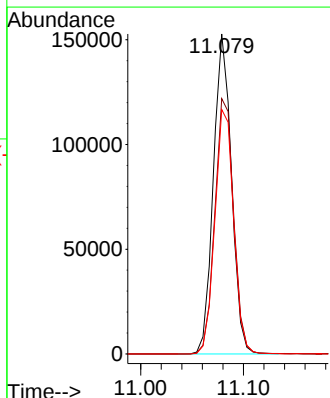
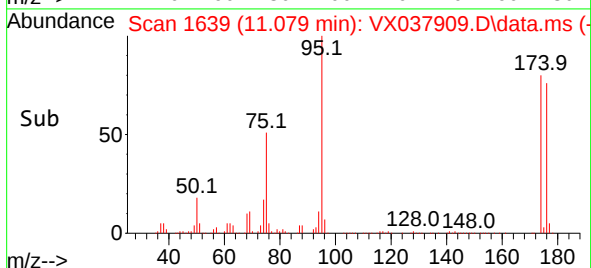
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

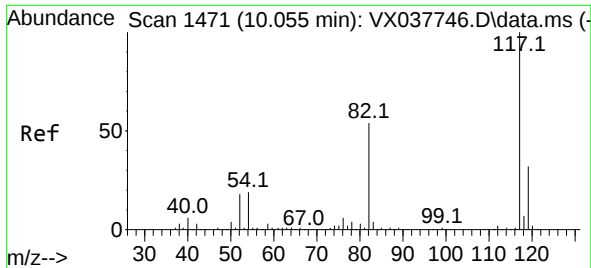


#62
4-Bromofluorobenzene
Concen: 54.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02



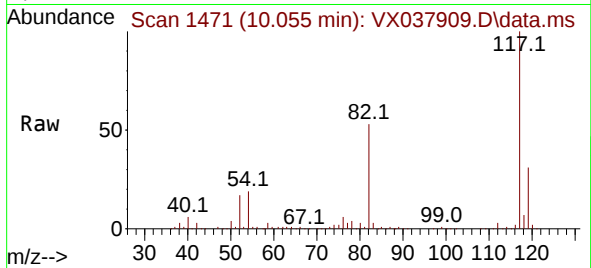
Tgt Ion: 95 Resp: 185901
Ion Ratio Lower Upper
95 100
174 83.5 0.0 135.6
176 79.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

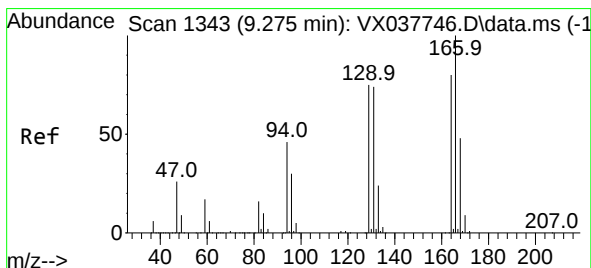
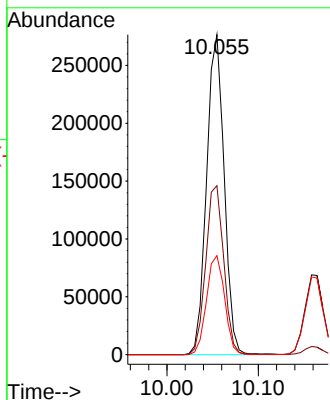
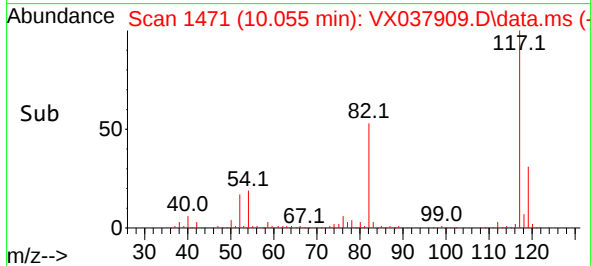
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 368260
Ion Ratio Lower Upper
117 100
82 52.8 46.2 69.4
119 30.9 25.5 38.3

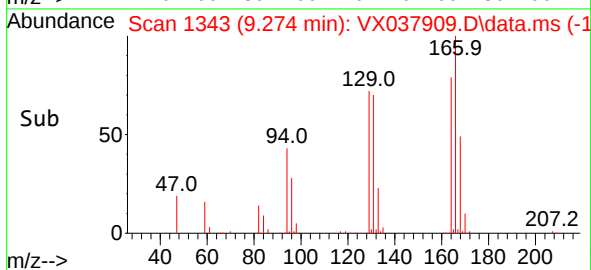
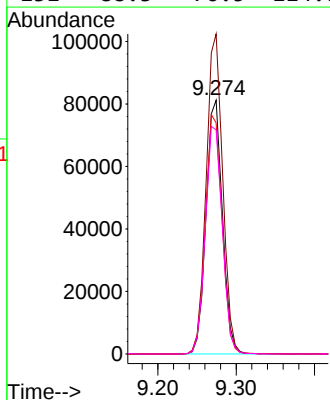
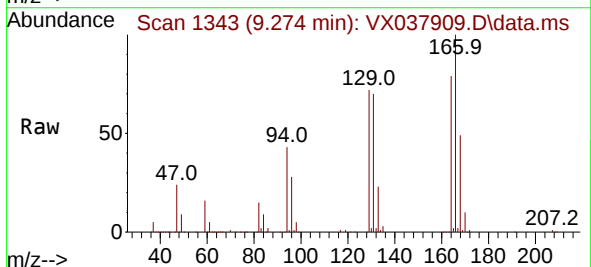
Manual Integrations
APPROVED

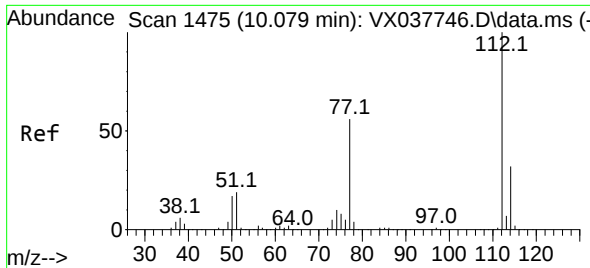
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#64
Tetrachloroethene
Concen: 46.802 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

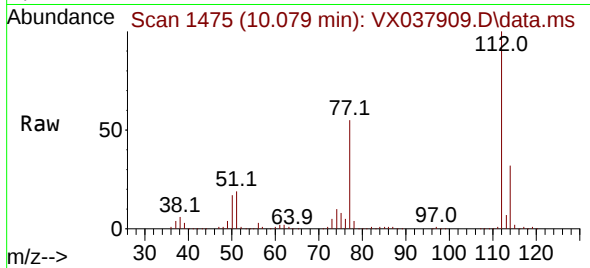
Tgt Ion:164 Resp: 117543
Ion Ratio Lower Upper
164 100
166 126.1 102.7 154.1
129 91.1 80.4 120.6
131 88.3 76.5 114.7





#65
Chlorobenzene
Concen: 47.440 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

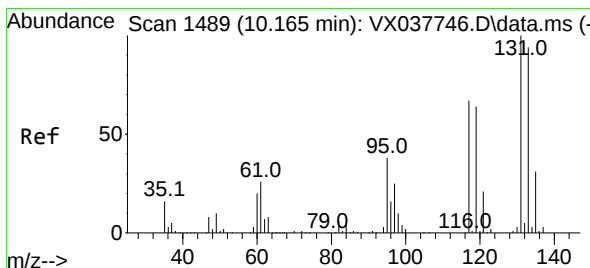
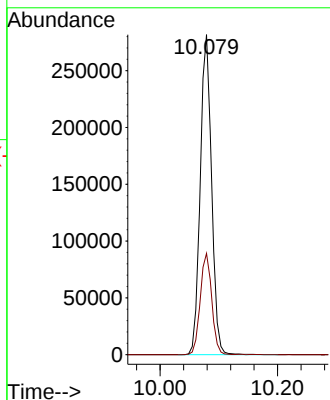
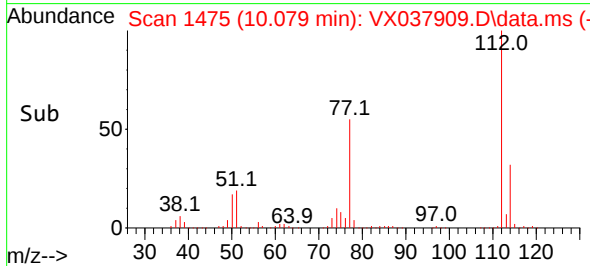
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



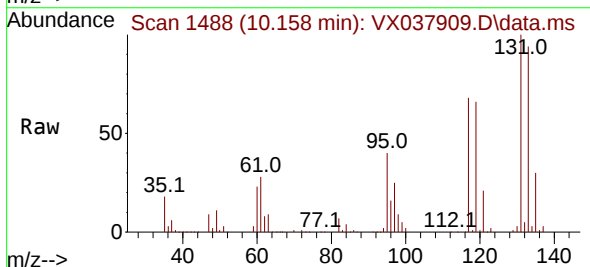
Tgt Ion:112 Resp: 37684
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

Manual Integrations
APPROVED

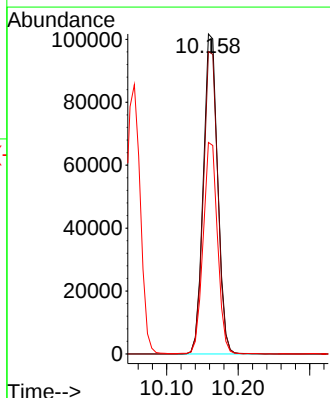
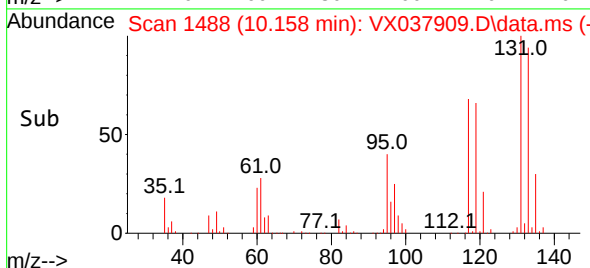
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

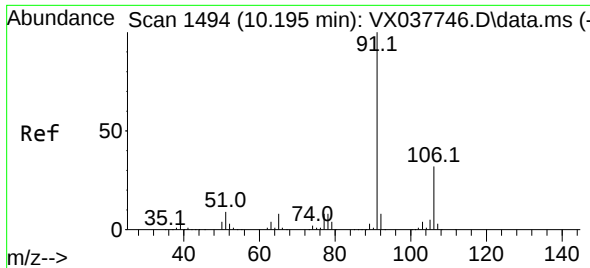


#66
1,1,1,2-Tetrachloroethane
Concen: 50.569 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02



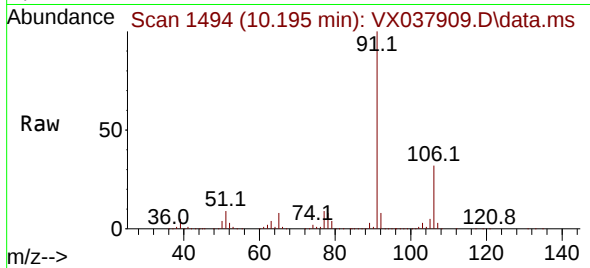
Tgt Ion:131 Resp: 142353
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 66.1 32.2 96.6





#67
Ethyl Benzene
Concen: 48.832 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

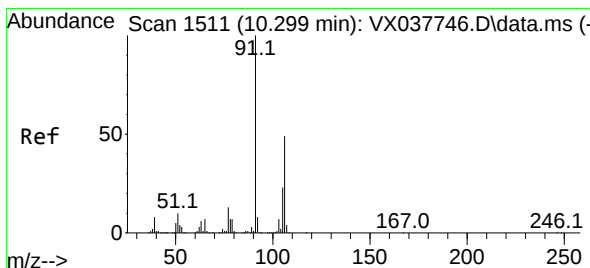
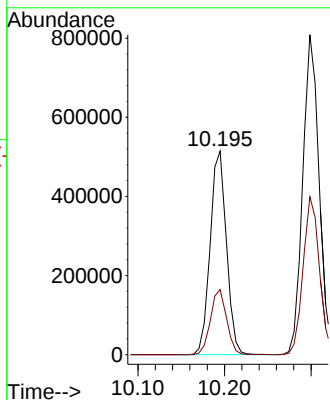
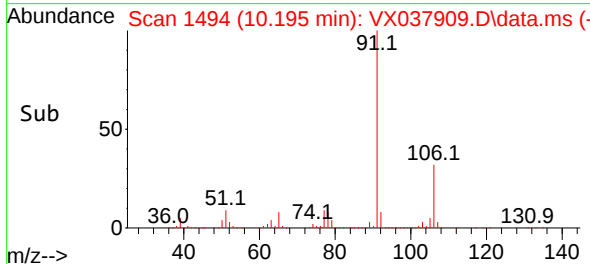
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



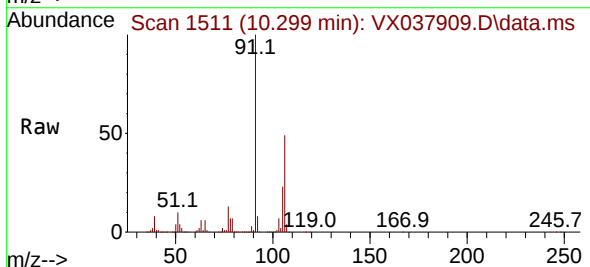
Tgt Ion: 91 Resp: 672529
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

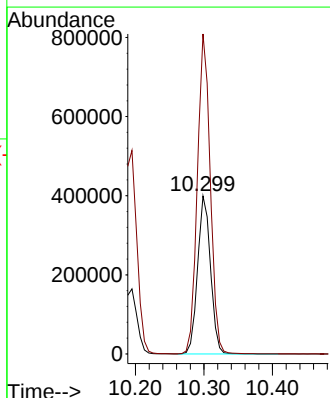
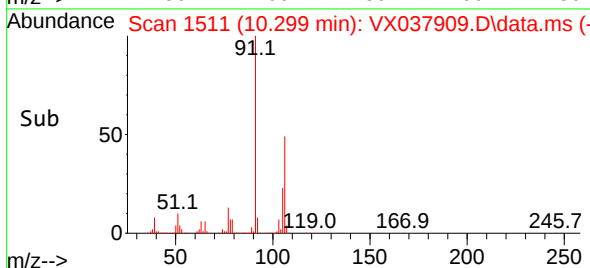
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

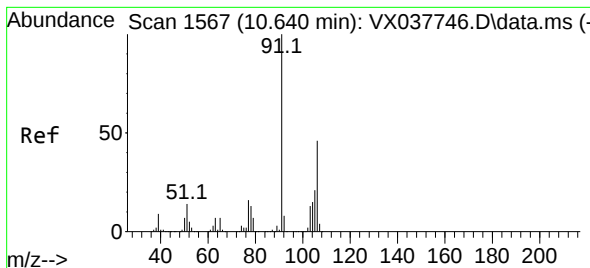


#68
m/p-Xylenes
Concen: 98.375 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02



Tgt Ion:106 Resp: 523523
Ion Ratio Lower Upper
106 100
91 202.5 165.5 248.3





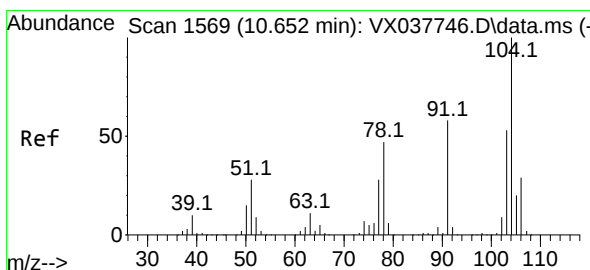
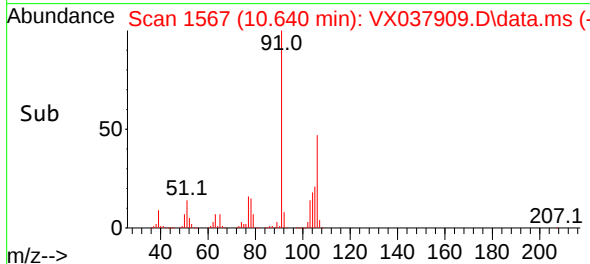
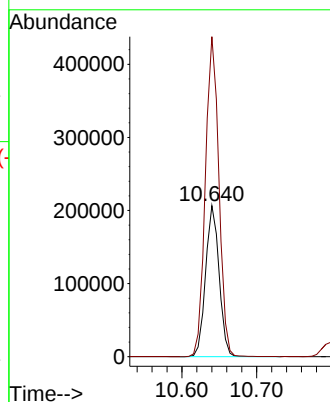
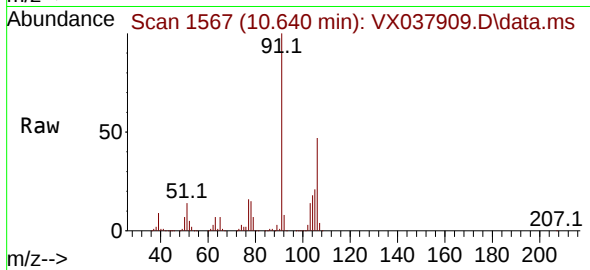
#69
o-Xylene
Concen: 48.532 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 258992
Ion Ratio Lower Upper
106 100
91 212.2 108.9 326.8

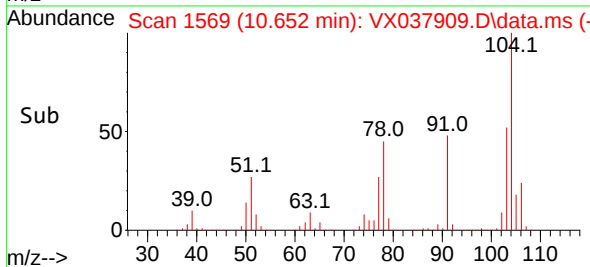
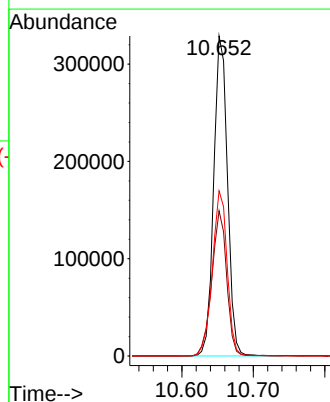
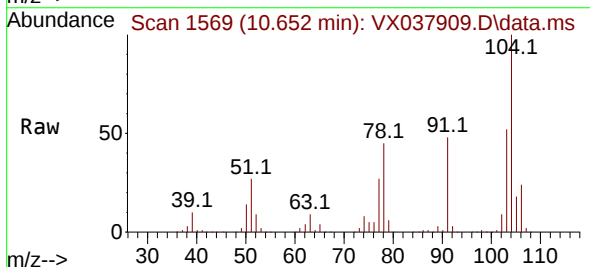
Manual Integrations
APPROVED

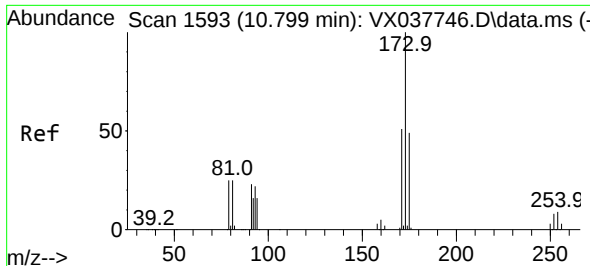
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#70
Styrene
Concen: 51.323 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

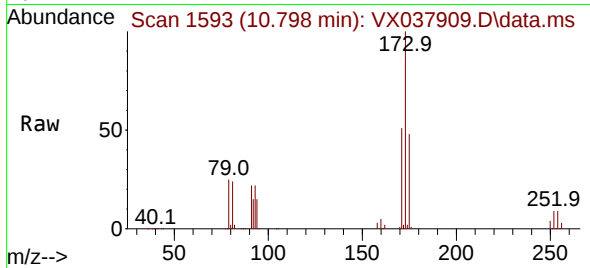
Tgt Ion:104 Resp: 439692
Ion Ratio Lower Upper
104 100
78 49.0 43.6 65.4
103 55.5 43.6 65.4





#71
Bromoform
Concen: 52.920 ug/l
RT: 10.798 min Scan# 117684
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

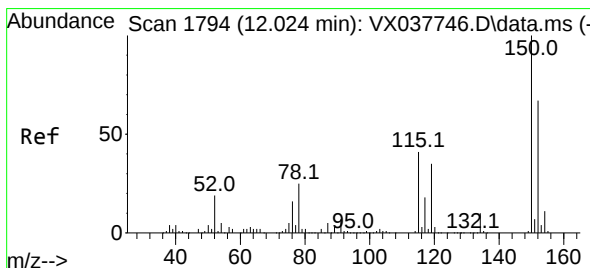
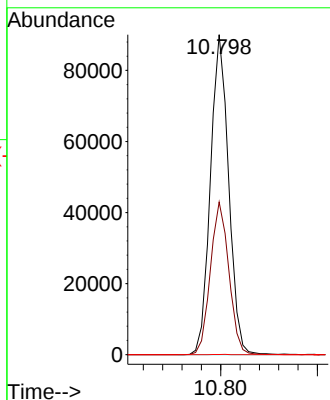
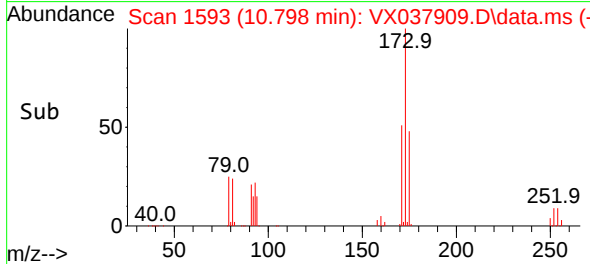
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 117684
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.1 0.0 0.0

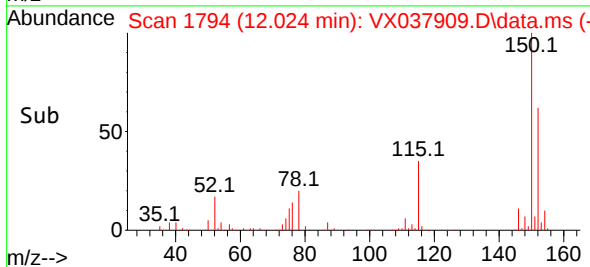
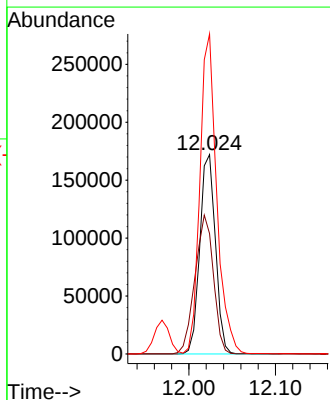
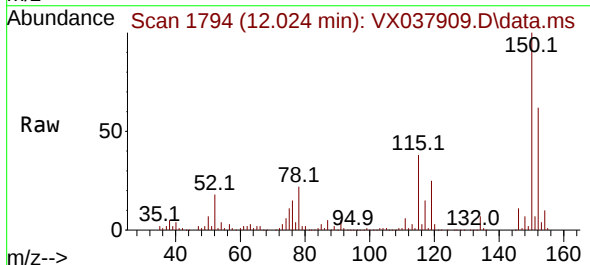
Manual Integrations
APPROVED

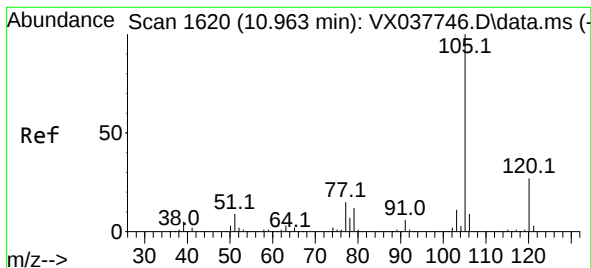
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

Tgt Ion:152 Resp: 215994
Ion Ratio Lower Upper
152 100
115 82.2 43.3 129.9
150 172.2 0.0 345.0





#73

Isopropylbenzene

Concen: 43.413 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 68794

Ion Ratio Lower Upper

105 100

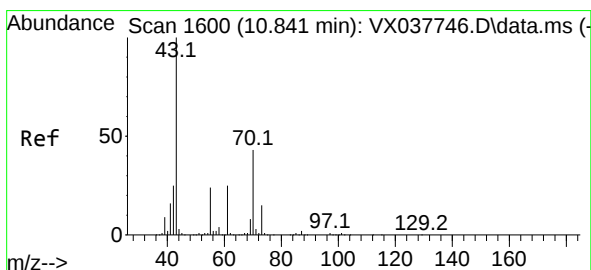
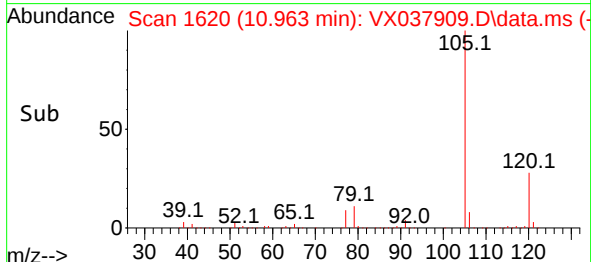
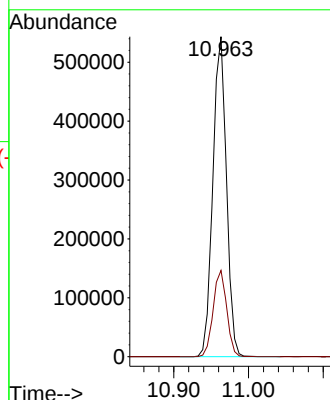
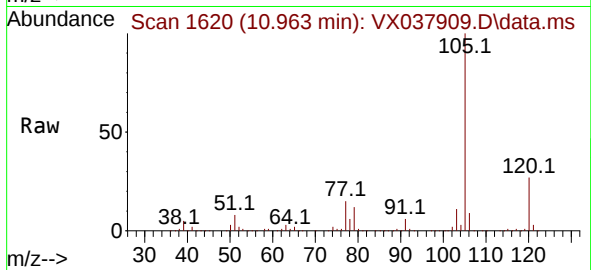
120 26.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#74

N-ethyl acetate

Concen: 42.367 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.007 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

Tgt Ion: 43 Resp: 271893

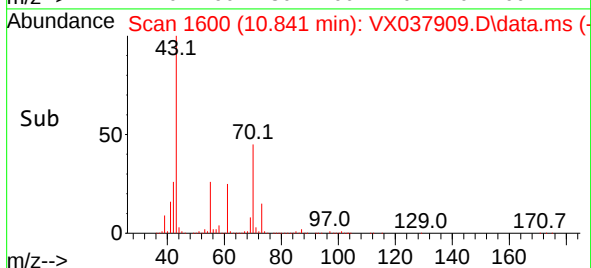
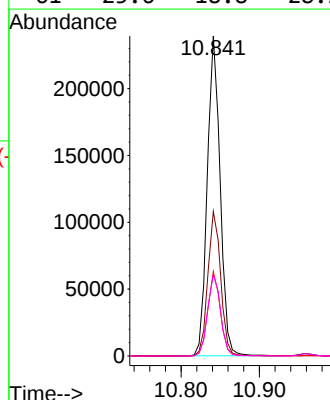
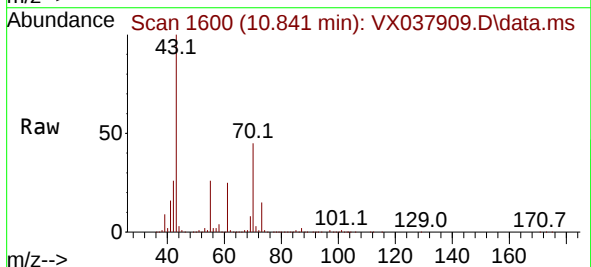
Ion Ratio Lower Upper

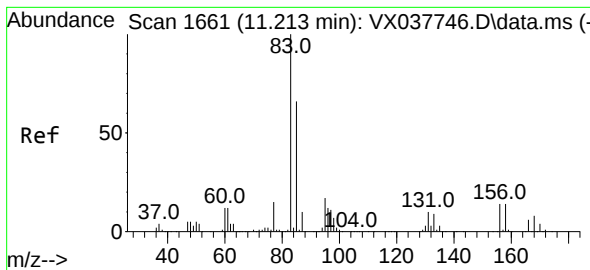
43 100

70 45.2 32.9 49.3

55 25.8 19.3 28.9

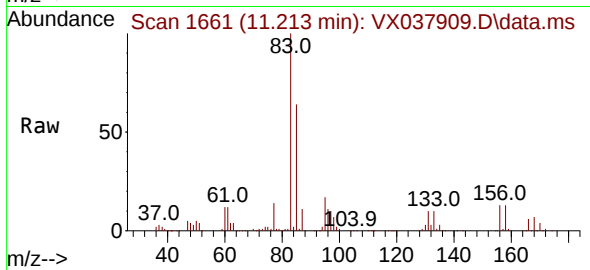
61 25.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 43.424 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

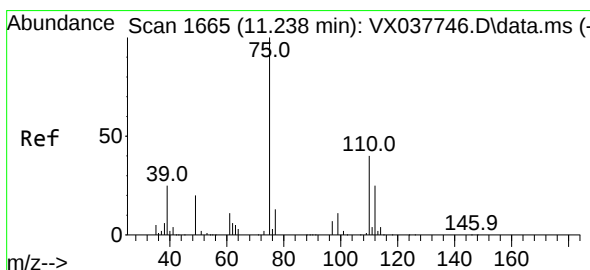
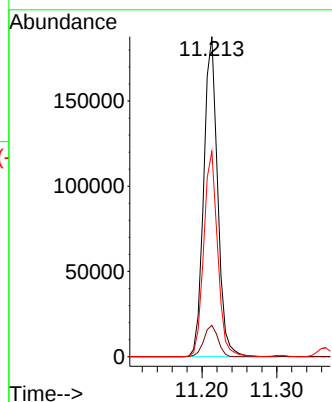
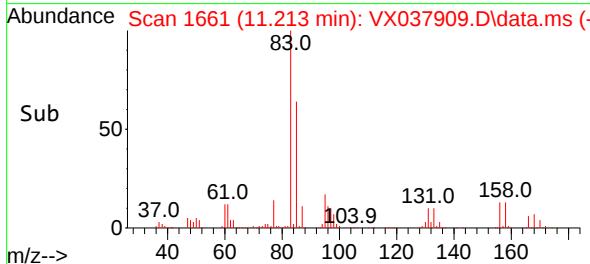
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



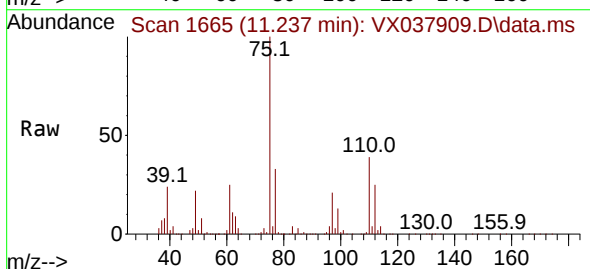
Tgt Ion: 83 Resp: 242004
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 64.3 32.0 96.2

Manual Integrations
APPROVED

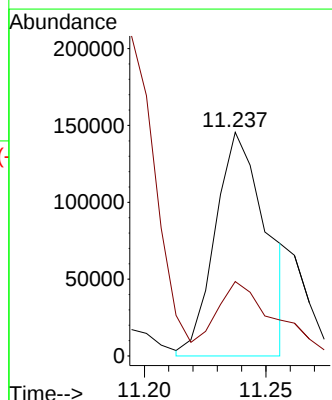
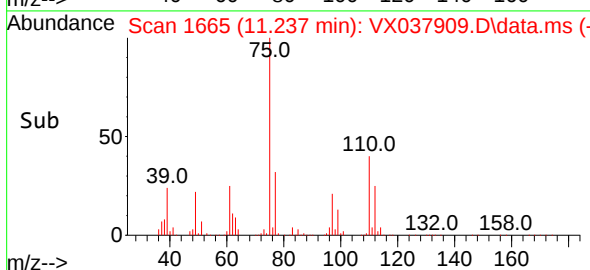
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

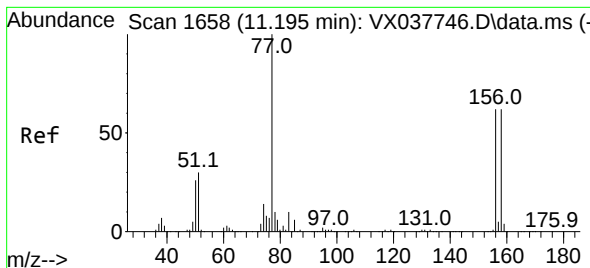


#76
1,2,3-Trichloropropane
Concen: 42.624 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02



Tgt Ion: 75 Resp: 212937
Ion Ratio Lower Upper
75 100
77 38.9 19.1 57.5





#77

Bromobenzene

Concen: 44.058 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.007 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 17280

Ion Ratio Lower Upper

156 100

77 151.2 88.4 265.3

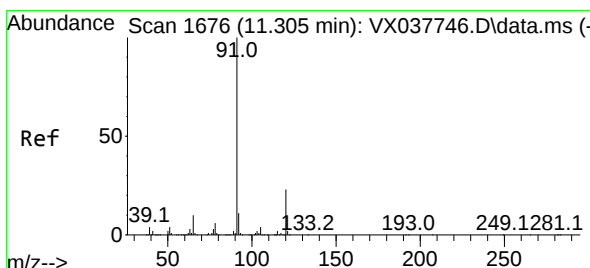
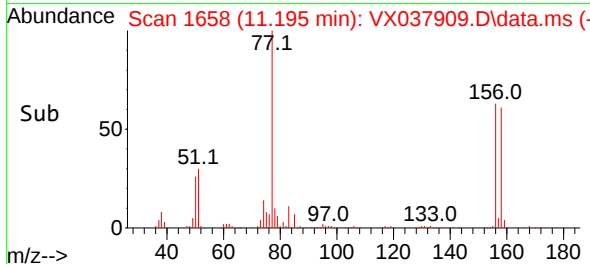
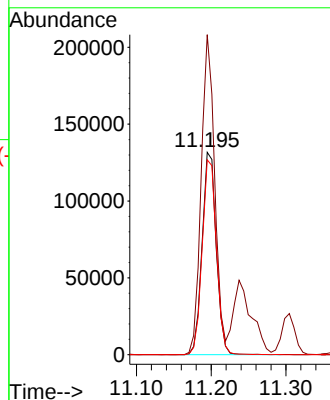
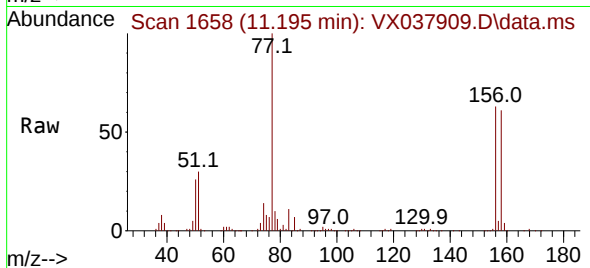
158 97.3 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#78

n-propylbenzene

Concen: 46.294 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037909.D

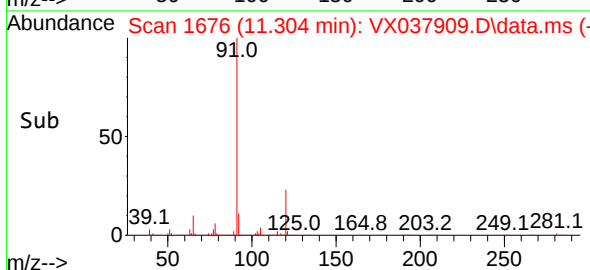
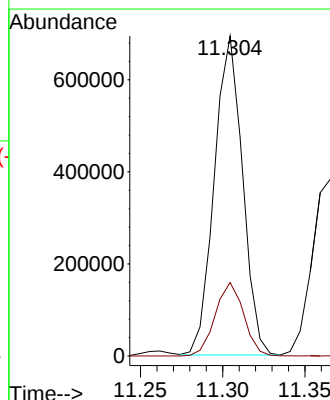
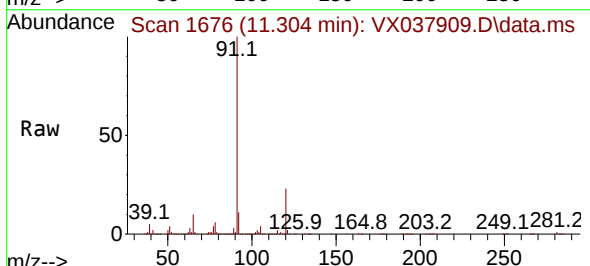
Acq: 26 Sep 2023 16:02

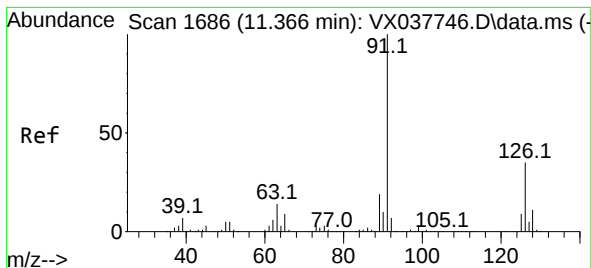
Tgt Ion: 91 Resp: 828480

Ion Ratio Lower Upper

91 100

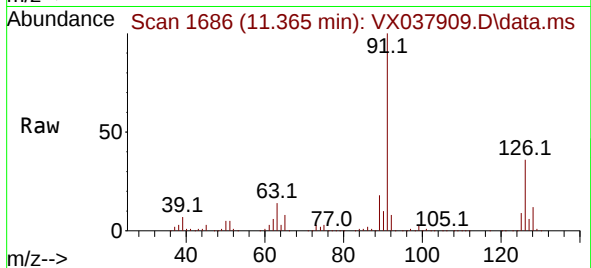
120 23.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 43.730 ug/l
RT: 11.365 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

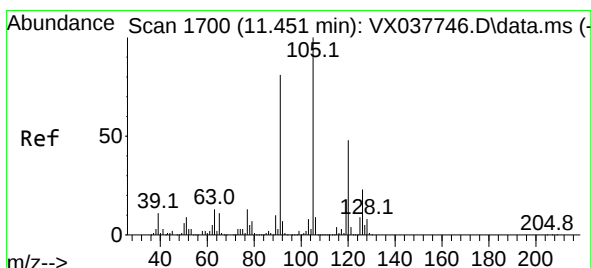
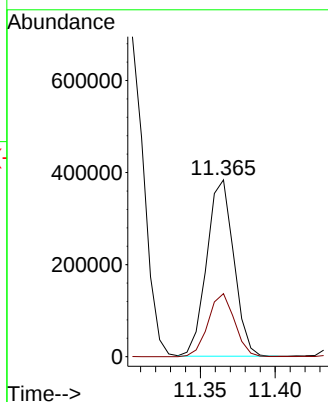
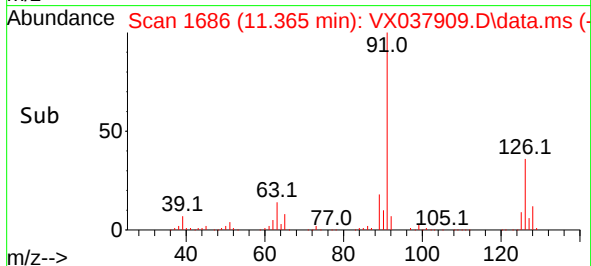
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



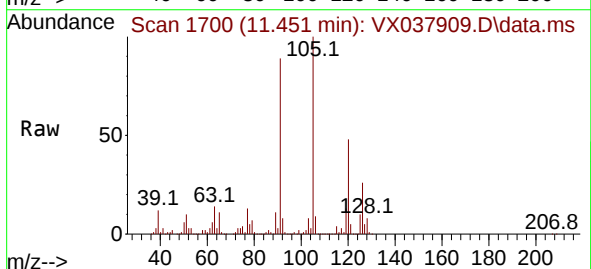
Tgt Ion: 91 Resp: 482530
Ion Ratio Lower Upper
91 100
126 35.0 16.3 48.8

Manual Integrations
APPROVED

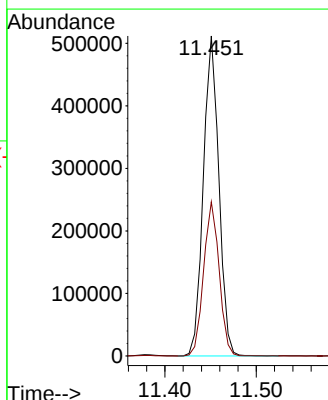
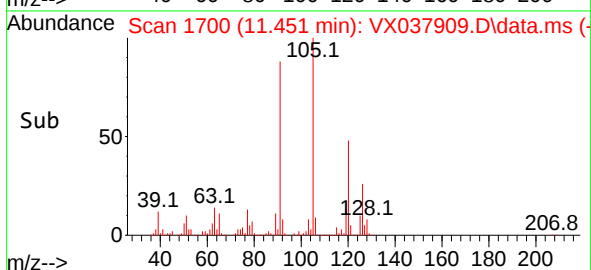
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

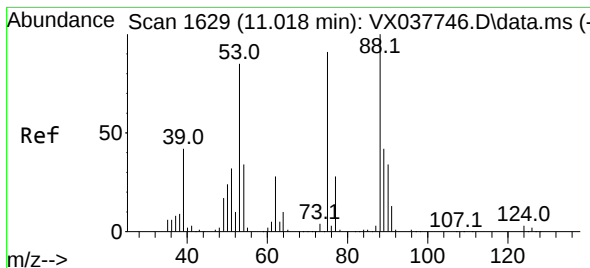


#80
1,3,5-Trimethylbenzene
Concen: 44.899 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02



Tgt Ion:105 Resp: 600853
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





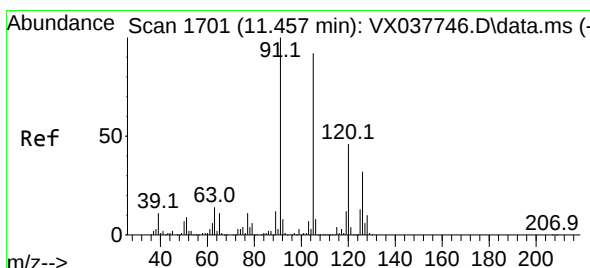
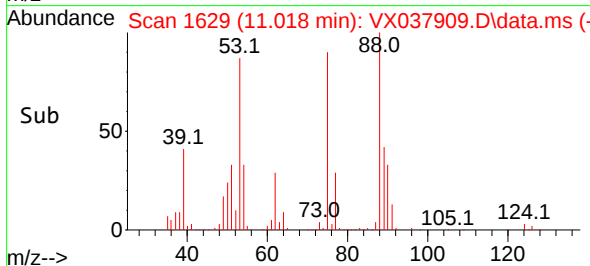
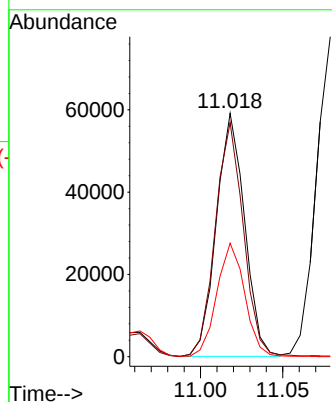
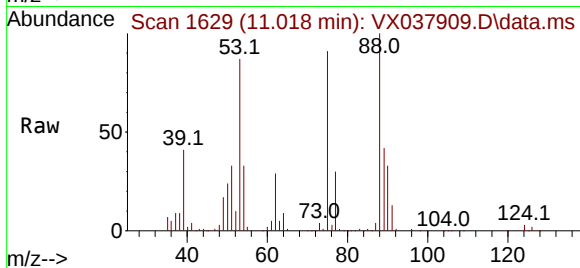
#81
trans-1,4-Dichloro-2-butene
Concen: 45.244 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 70559
Ion Ratio Lower Upper
75 100
53 96.2 90.5 135.7
89 46.3 36.9 55.3

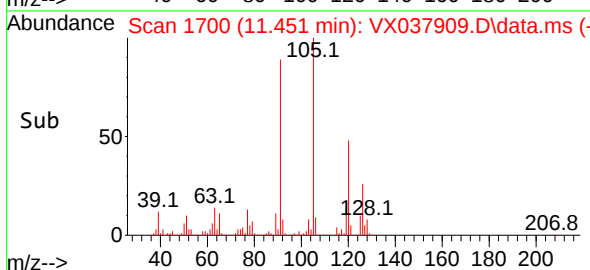
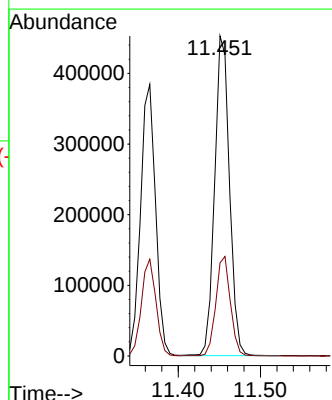
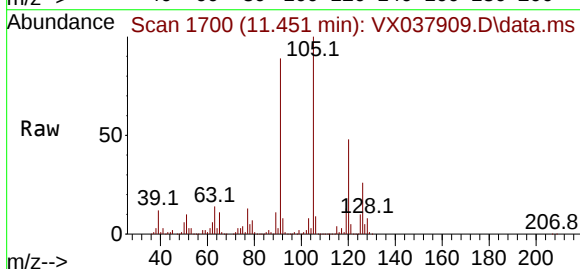
Manual Integrations
APPROVED

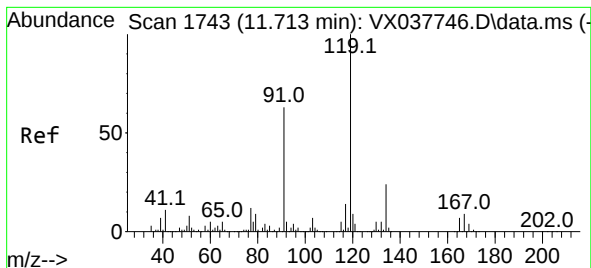
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#82
4-Chlorotoluene
Concen: 45.797 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

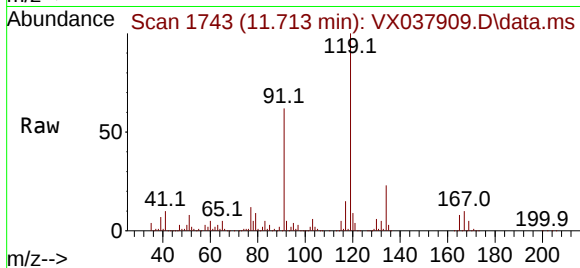
Tgt Ion: 91 Resp: 568931
Ion Ratio Lower Upper
91 100
126 30.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 44.547 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

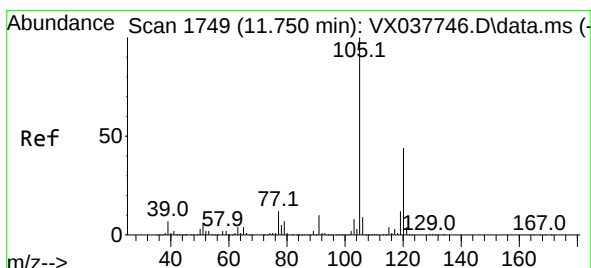
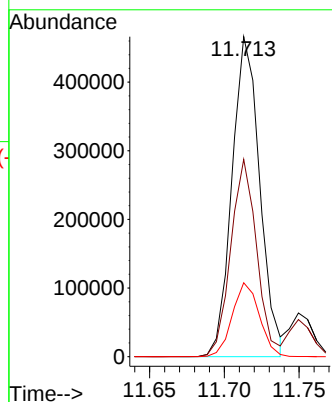
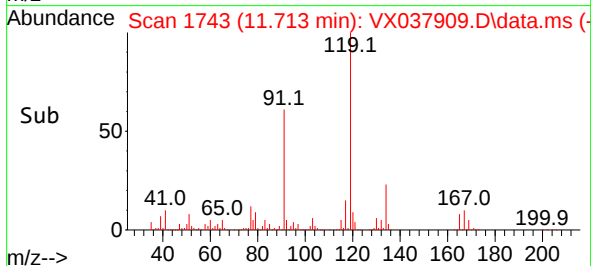
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



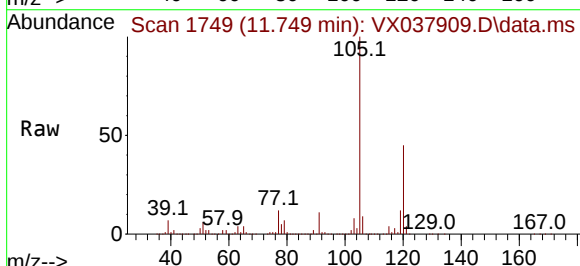
Tgt Ion:119 Resp: 60250
Ion Ratio Lower Upper
119 100
91 57.7 31.2 93.6
134 22.6 11.7 35.0

Manual Integrations
APPROVED

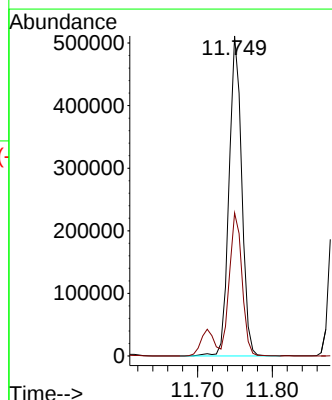
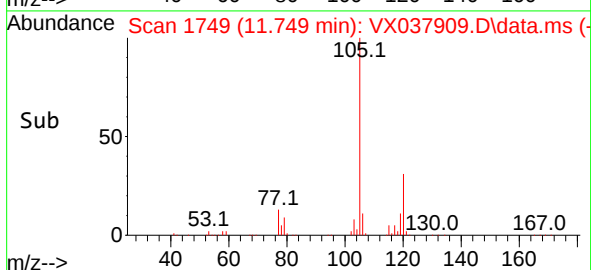
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

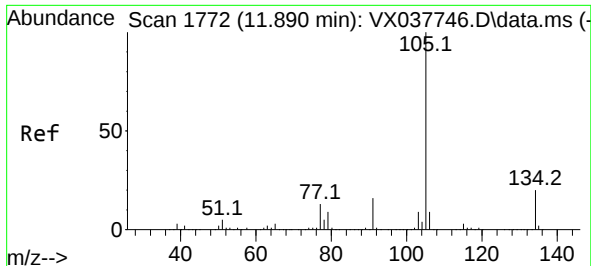


#84
1,2,4-Trimethylbenzene
Concen: 45.296 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02



Tgt Ion:105 Resp: 603108
Ion Ratio Lower Upper
105 100
120 44.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.059 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037909.D
 Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

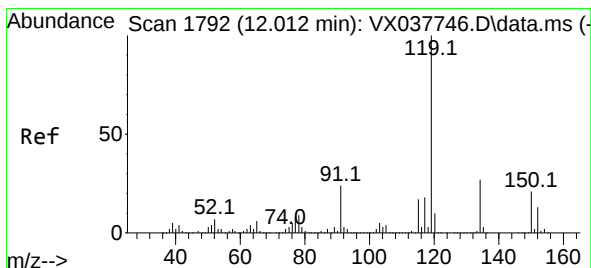
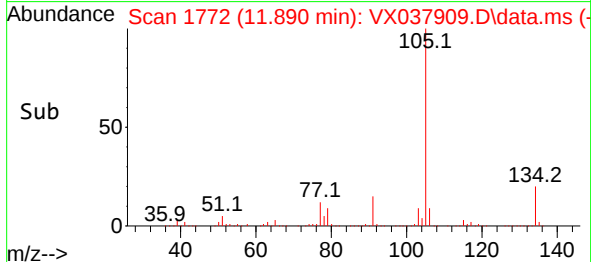
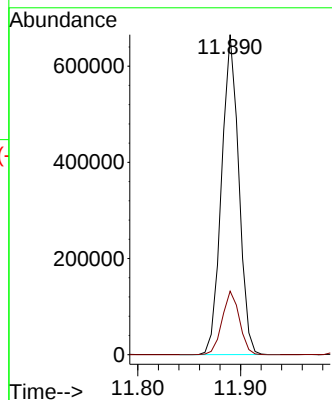
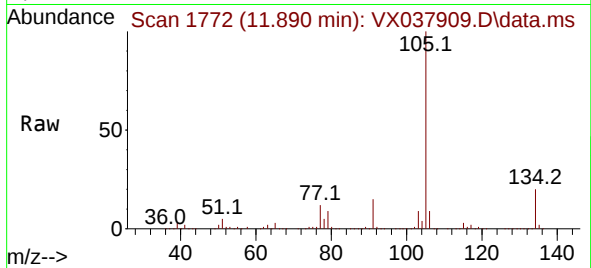
VSTDCCC050EC

Tgt Ion:105 Resp: 77216
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

Manual Integrations

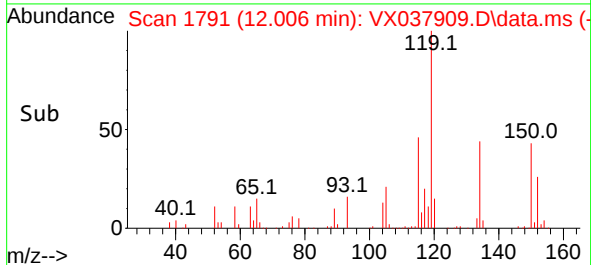
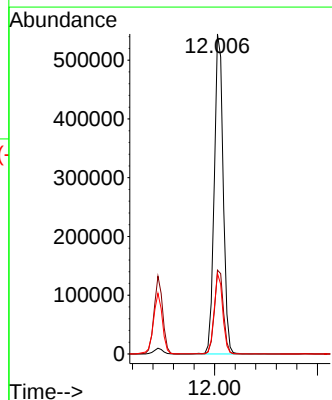
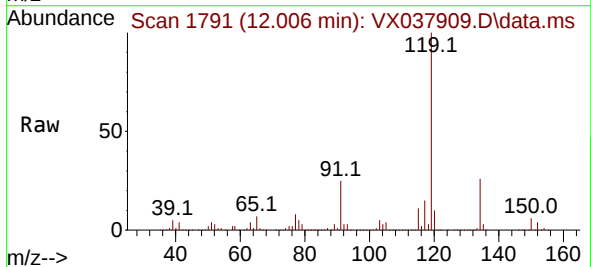
APPROVED

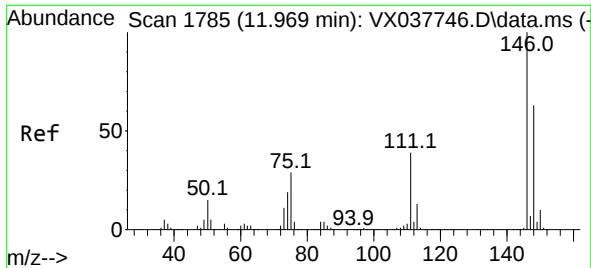
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023



#86
 p-Isopropyltoluene
 Concen: 47.942 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.007 min
 Lab File: VX037909.D
 Acq: 26 Sep 2023 16:02

Tgt Ion:119 Resp: 655408
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 24.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.073 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 344164

Ion Ratio Lower Upper

146 100

111 40.1 22.1 66.1

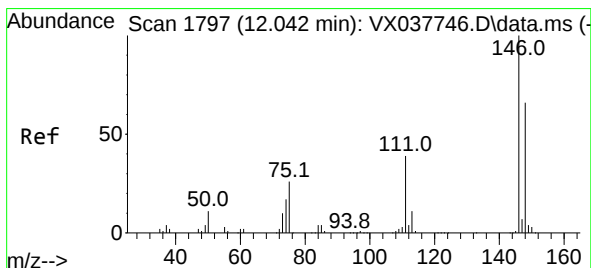
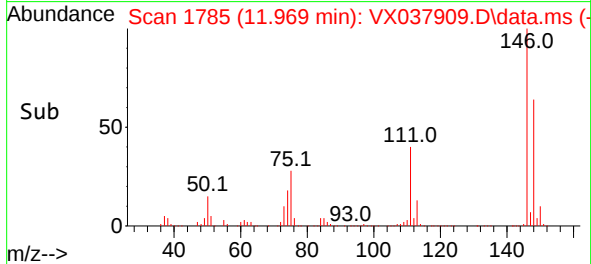
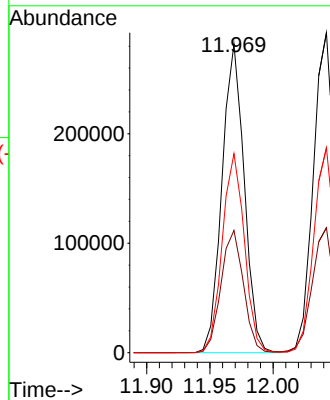
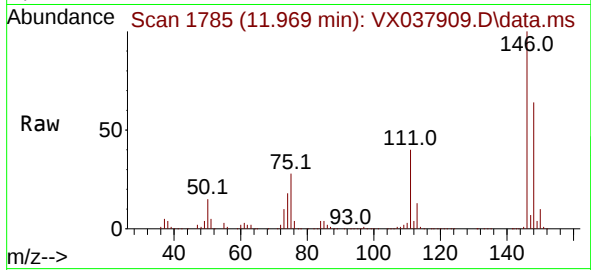
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#88

1,4-Dichlorobenzene

Concen: 47.075 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037909.D

Acq: 26 Sep 2023 16:02

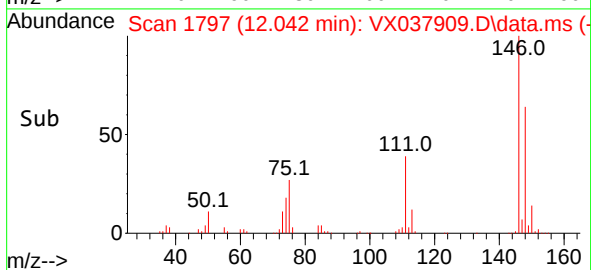
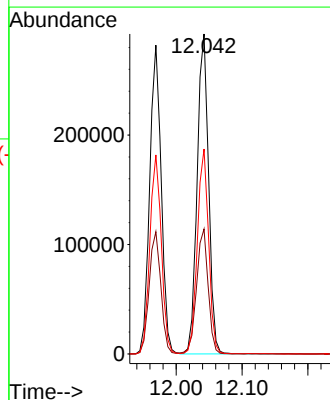
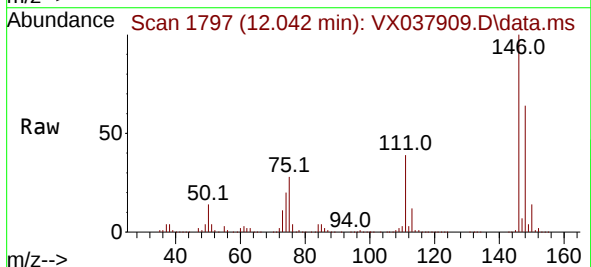
Tgt Ion:146 Resp: 352192

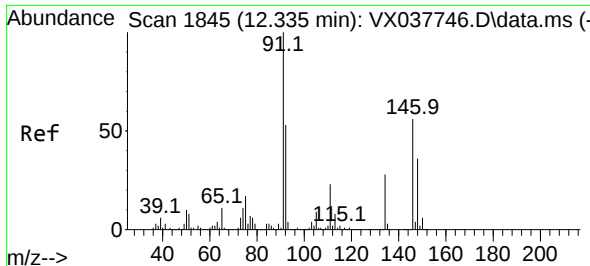
Ion Ratio Lower Upper

146 100

111 39.7 21.3 63.7

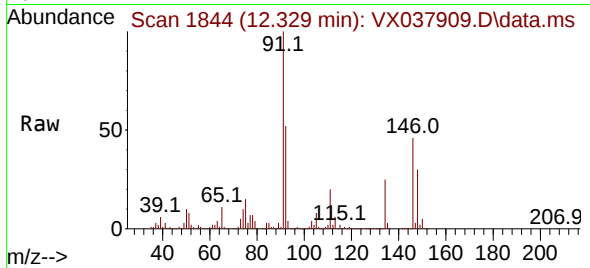
148 63.2 31.8 95.4





#89
n-Butylbenzene
Concen: 52.061 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

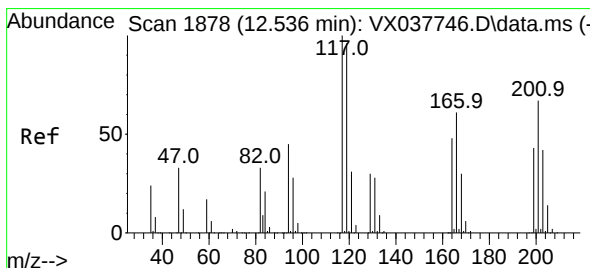
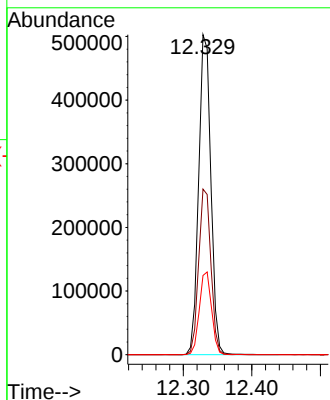
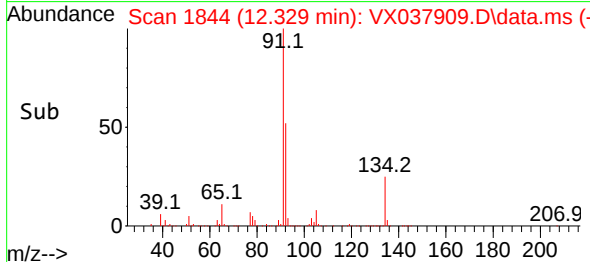
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 62348
Ion Ratio Lower Upper
91 100
92 52.1 27.4 82.0
134 25.9 12.6 37.8

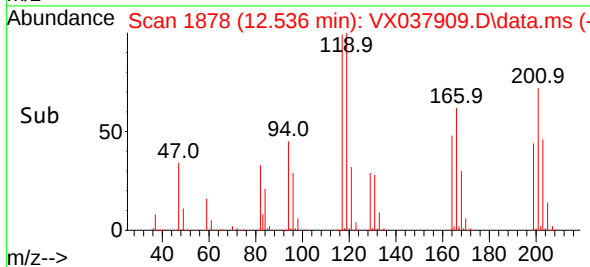
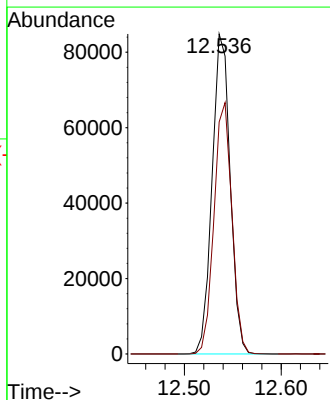
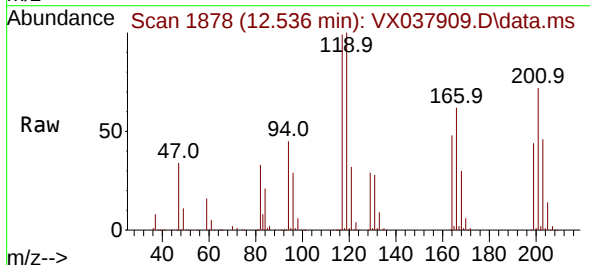
Manual Integrations
APPROVED

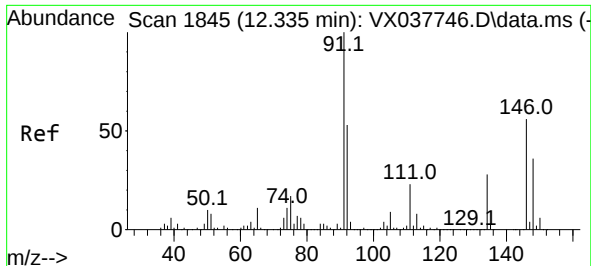
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#90
Hexachloroethane
Concen: 47.502 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

Tgt Ion:117 Resp: 110029
Ion Ratio Lower Upper
117 100
201 77.8 32.9 98.6





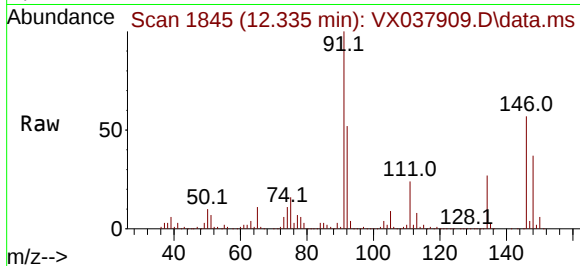
#91
1,2-Dichlorobenzene
Concen: 45.840 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



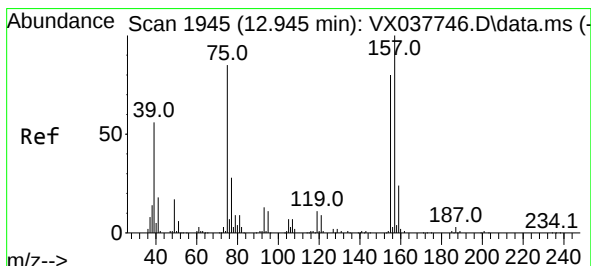
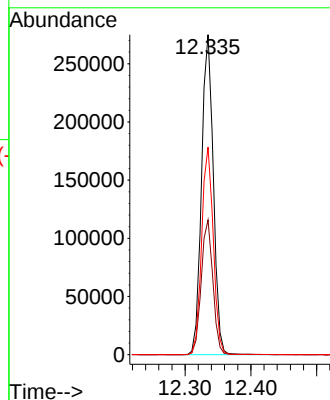
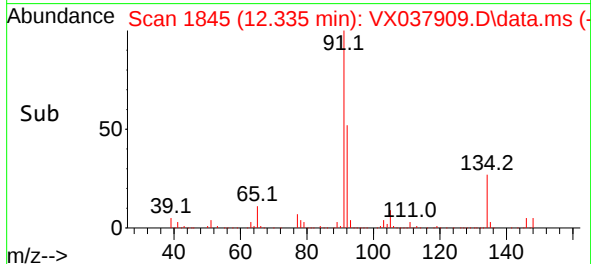
Tgt Ion:146 Resp: 34218
Ion Ratio Lower Upper
146 100
111 41.7 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations

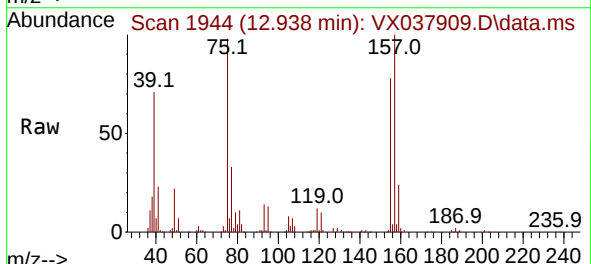
APPROVED

Reviewed By :John Carlone 09/27/2023

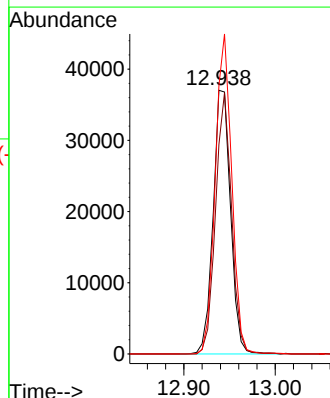
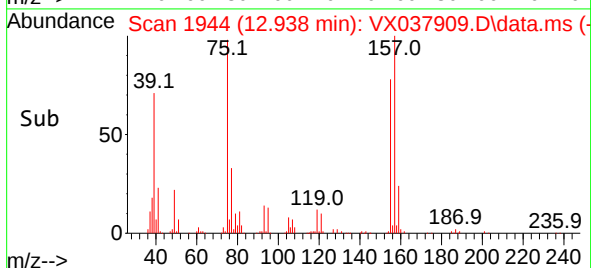
Supervised By :Mahesh Dadoda 09/27/2023

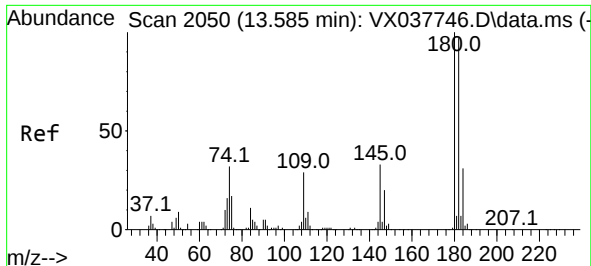


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.087 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02



Tgt Ion: 75 Resp: 48977
Ion Ratio Lower Upper
75 100
155 91.1 36.1 108.5
157 115.0 44.9 134.7





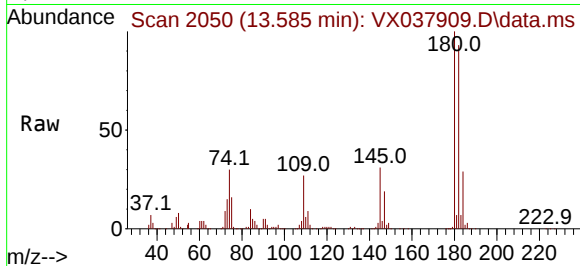
#93
1,2,4-Trichlorobenzene
Concen: 53.237 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



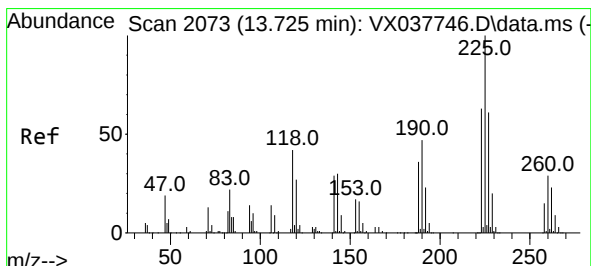
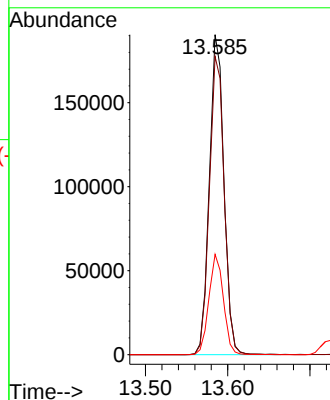
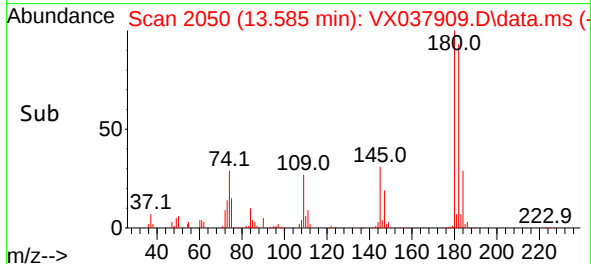
Tgt Ion:180 Resp: 234089
Ion Ratio Lower Upper
180 100
182 95.1 48.3 144.8
145 31.4 18.0 54.0

Manual Integrations

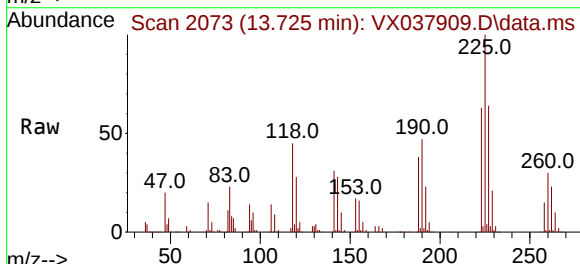
APPROVED

Reviewed By :John Carlone 09/27/2023

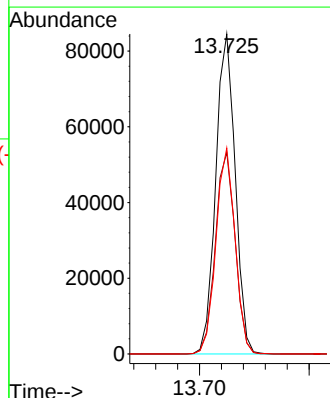
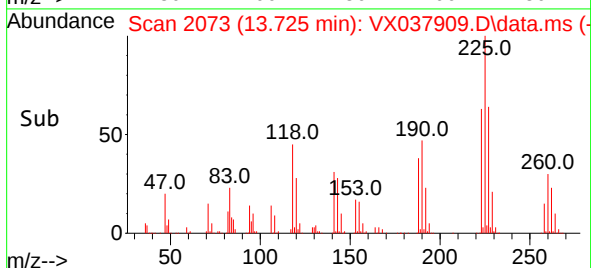
Supervised By :Mahesh Dadoda 09/27/2023

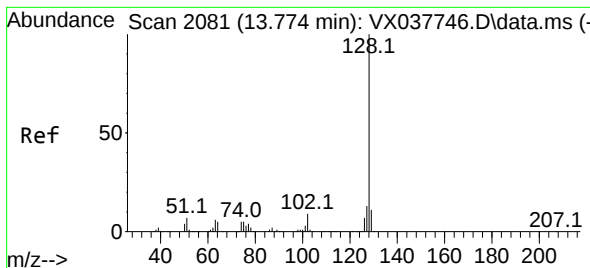


#94
Hexachlorobutadiene
Concen: 50.789 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02



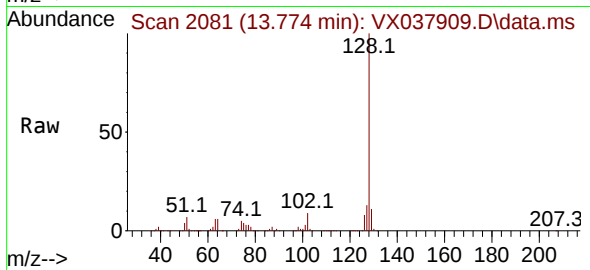
Tgt Ion:225 Resp: 104290
Ion Ratio Lower Upper
225 100
223 63.9 31.1 93.2
227 63.3 32.5 97.5





#95
Naphthalene
Concen: 47.761 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.007 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02

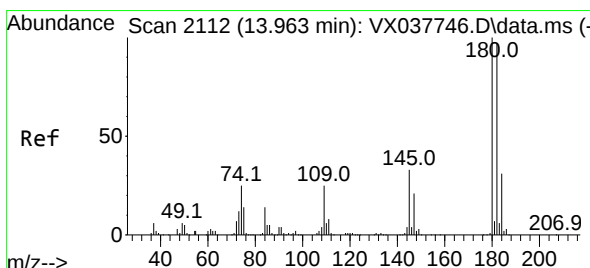
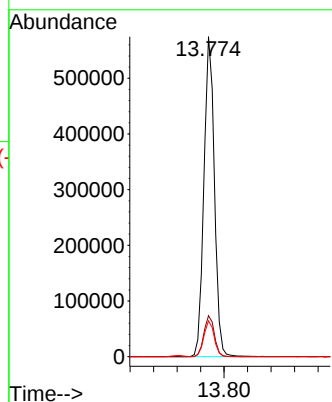
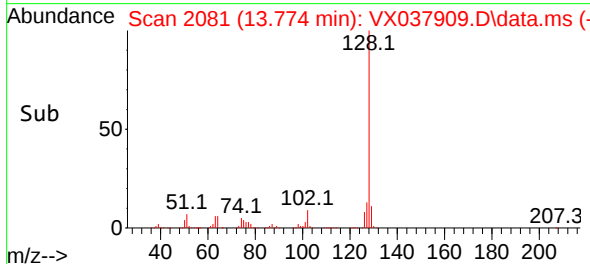
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



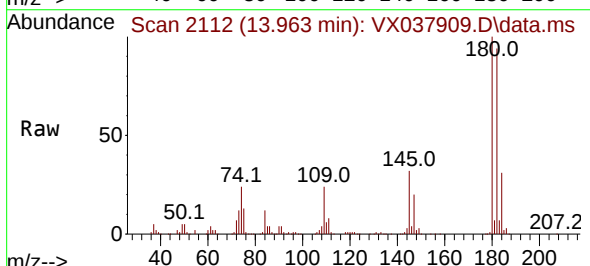
Tgt Ion:128 Resp: 710248
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.374 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037909.D
Acq: 26 Sep 2023 16:02



Tgt Ion:180 Resp: 223419
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 33.5 17.8 53.5

