

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037568.D
 Acq On : 06 Sep 2023 20:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/07/2023
 Supervised By : Mahesh Dadoda 09/07/2023

Quant Time: Sep 06 22:49:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	122770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103249	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89878	50.780	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.560%	
35) Dibromofluoromethane	5.385	113	81979	57.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.280%	
50) Toluene-d8	8.653	98	282420	54.744	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.480%	
62) 4-Bromofluorobenzene	11.079	95	114899	56.673	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64529	45.248	ug/l	99
3) Chloromethane	1.307	50	62503	50.097	ug/l	96
4) Vinyl Chloride	1.374	62	70387	51.829	ug/l	99
5) Bromomethane	1.599	94	27711	40.964	ug/l	98
6) Chloroethane	1.672	64	36194	45.290	ug/l	99
7) Trichlorofluoromethane	1.880	101	106355	47.808	ug/l	98
8) Diethyl Ether	2.136	74	46199	53.678	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	65771	50.679	ug/l	94
10) Methyl Iodide	2.447	142	78876	50.007	ug/l	91
11) Tert butyl alcohol	2.971	59	114899	276.739	ug/l #	94
12) 1,1-Dichloroethene	2.313	96	64874	51.333	ug/l	86
13) Acrolein	2.239	56	97664	309.208	ug/l	99
14) Allyl chloride	2.660	41	95151	48.643	ug/l #	87
15) Acrylonitrile	3.068	53	231199	311.984	ug/l	98
16) Acetone	2.386	43	184321	266.198	ug/l #	83
17) Carbon Disulfide	2.508	76	128381	39.936	ug/l	100
18) Methyl Acetate	2.703	43	149205	57.230	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	256352	53.484	ug/l	98
20) Methylene Chloride	2.788	84	82313	53.158	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	71692	49.902	ug/l	87
22) Diisopropyl ether	3.763	45	216654	53.974	ug/l #	84
23) Vinyl Acetate	3.721	43	807598	262.547	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	136257	54.131	ug/l	96
25) 2-Butanone	4.562	43	296820	284.698	ug/l #	84
26) 2,2-Dichloropropane	4.477	77	72896	32.427	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	91644	54.110	ug/l	82
28) Bromochloromethane	4.897	49	61680	54.852	ug/l #	69
29) Tetrahydrofuran	5.007	42	184728	277.835	ug/l #	80
30) Chloroform	5.092	83	150376	53.218	ug/l	98
31) Cyclohexane	5.470	56	97620	49.051	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	130236	51.433	ug/l	95
36) 1,1-Dichloropropene	5.696	75	95789	47.406	ug/l	95
37) Ethyl Acetate	4.721	43	111262	53.905	ug/l #	91
38) Carbon Tetrachloride	5.678	117	109135	49.722	ug/l	99
39) Methylcyclohexane	7.379	83	112128	52.818	ug/l	89
40) Benzene	6.037	78	310839	53.639	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59838	55.767	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	110635	48.683	ug/l	93
43) Isopropyl Acetate	6.342	43	171685	52.392	ug/l #	88
44) Trichloroethene	7.129	130	83052	50.542	ug/l	97
45) 1,2-Dichloropropane	7.434	63	79871	55.897	ug/l	97
46) Dibromomethane	7.580	93	60448	53.700	ug/l	92
47) Bromodichloromethane	7.824	83	117045	54.287	ug/l	97
48) Methyl methacrylate	7.696	41	83724	52.390	ug/l #	79
49) 1,4-Dioxane	7.659	88	52328	1215.816	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	572941	287.933	ug/l #	87
52) Toluene	8.720	92	205495	53.669	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	113893	49.612	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	126422	50.960	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	92126	59.088	ug/l	98
56) Ethyl methacrylate	9.116	69	138182	56.582	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	148700	56.576	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	304245	259.602	ug/l	91
59) 2-Hexanone	9.433	43	438599	289.083	ug/l	84
60) Dibromochloromethane	9.525	129	95474	57.515	ug/l	100
61) 1,2-Dibromoethane	9.610	107	95542	55.969	ug/l	99
64) Tetrachloroethene	9.275	164	68471	46.626	ug/l	98
65) Chlorobenzene	10.079	112	226059	53.133	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	89099	56.741	ug/l	100
67) Ethyl Benzene	10.195	91	393102	52.508	ug/l	100
68) m/p-Xylenes	10.305	106	309438	107.031	ug/l	95
69) o-Xylene	10.640	106	155256	54.430	ug/l	97
70) Styrene	10.659	104	260930	55.534	ug/l	96
71) Bromoform	10.799	173	69805	59.429	ug/l #	99
73) Isopropylbenzene	10.963	105	403508	53.768	ug/l	98
74) N-amyl acetate	10.841	43	151742	52.037	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	148155	58.620	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	118241m	53.774	ug/l	
77) Bromobenzene	11.195	156	99959	54.538	ug/l	89
78) n-propylbenzene	11.305	91	443947	53.126	ug/l	98
79) 2-Chlorotoluene	11.366	91	282208	52.846	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	343609	54.888	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	37145	47.182	ug/l	84
82) 4-Chlorotoluene	11.457	91	316837	51.398	ug/l	98
83) tert-Butylbenzene	11.713	119	353336	59.182	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	342463	54.128	ug/l	95
85) sec-Butylbenzene	11.890	105	423469	60.725	ug/l	99
86) p-Isopropyltoluene	12.012	119	354030	58.973	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	181991	53.036	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	179571	50.651	ug/l	98
89) n-Butylbenzene	12.335	91	284164	57.094	ug/l	98
90) Hexachloroethane	12.542	117	63253	63.127	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	186005	55.356	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32099	54.659	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	108465	55.168	ug/l	97
94) Hexachlorobutadiene	13.725	225	47380	62.379	ug/l	99
95) Naphthalene	13.774	128	415212	48.212	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	112655	57.673	ug/l	98

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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

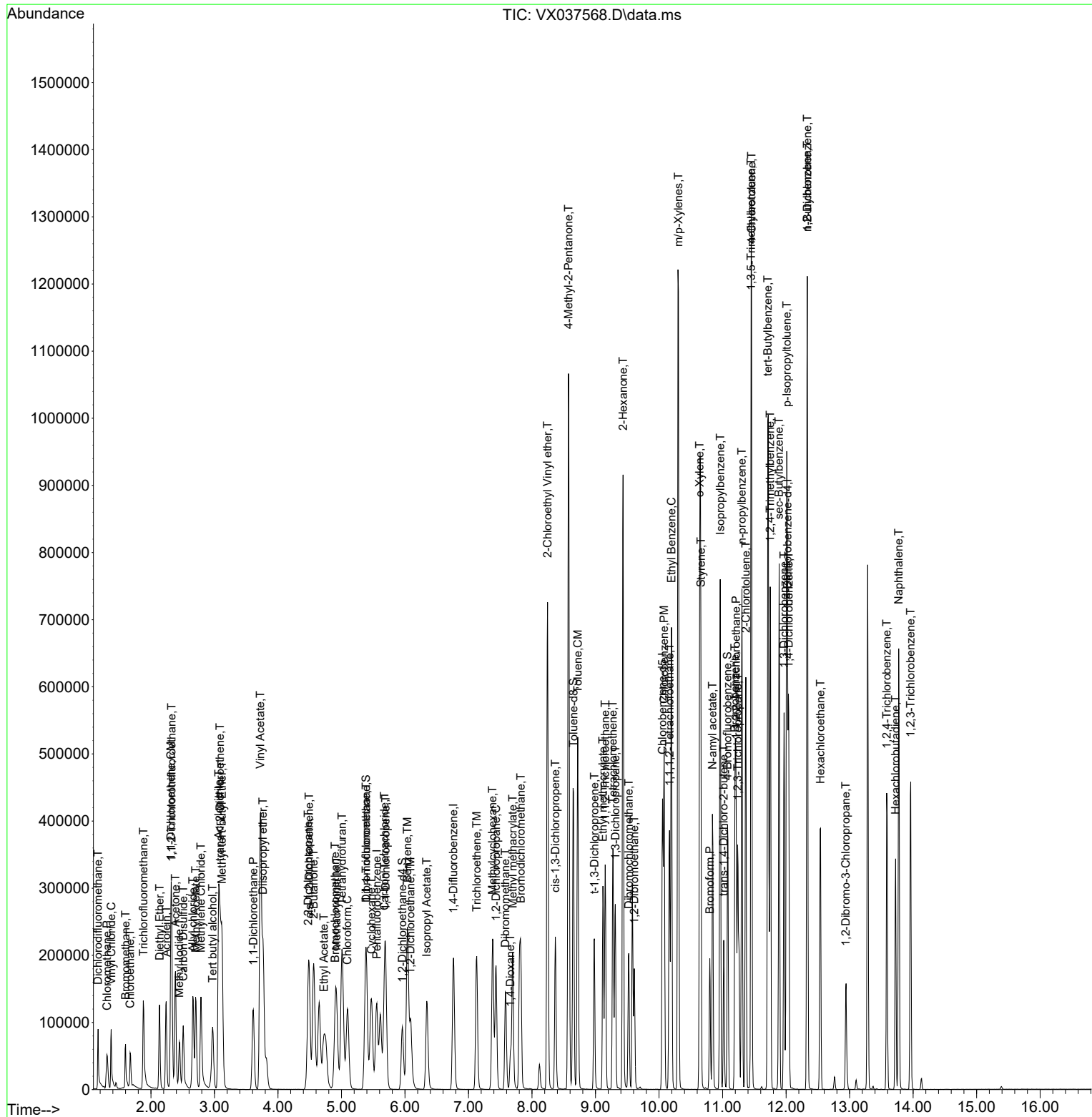
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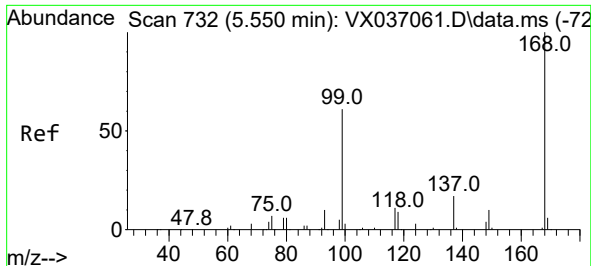
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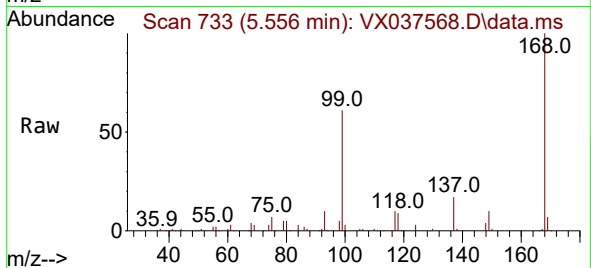
Reviewed By : John Carlone 09/07/2023
Supervised By : Mahesh Dadoda 09/07/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 732
Delta R.T. 0.006 min
Lab File: VX037568.D
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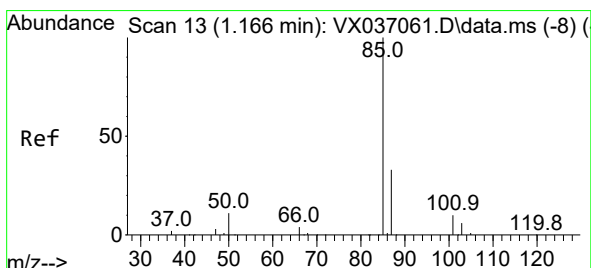
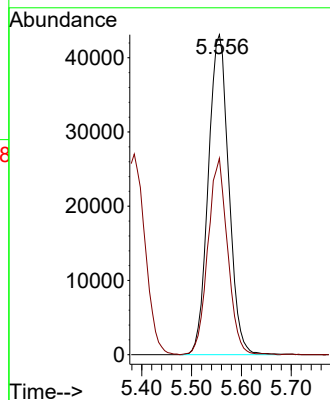
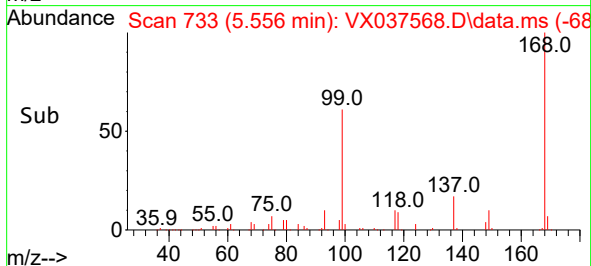
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 122770
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0

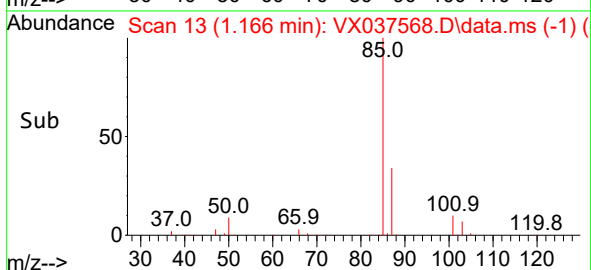
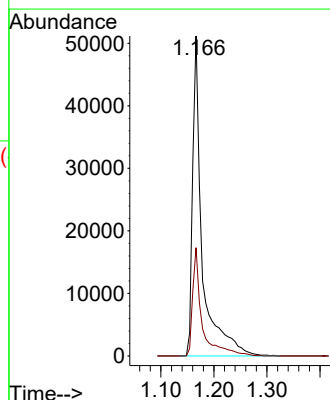
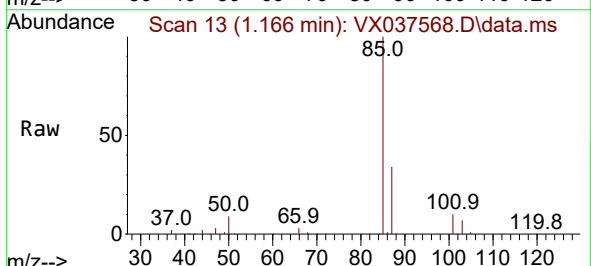
Manual Integrations
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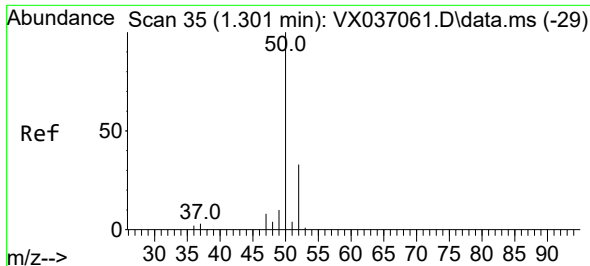
Reviewed By :John Carlone 09/07/2023
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#2
Dichlorodifluoromethane
Concen: 45.248 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

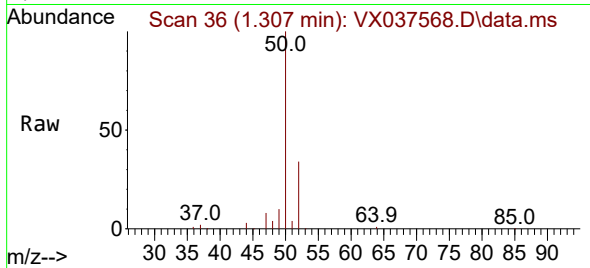
Tgt Ion: 85 Resp: 64529
Ion Ratio Lower Upper
85 100
87 33.9 16.7 50.1





#3
Chloromethane
Concen: 50.097 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

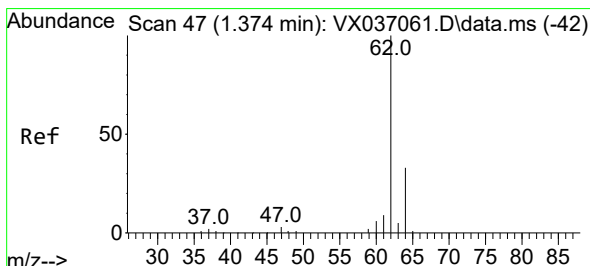
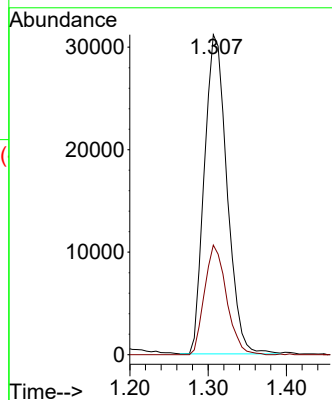
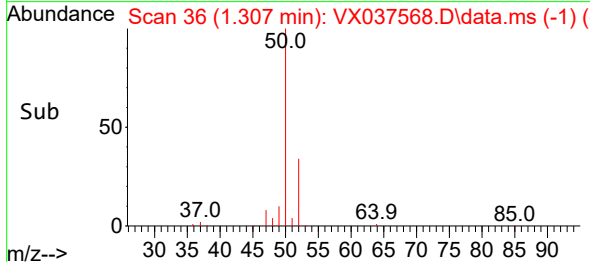
Instrument :
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Tgt Ion: 50 Resp: 6250
Ion Ratio Lower Upper
50 100
52 34.3 25.5 38.3

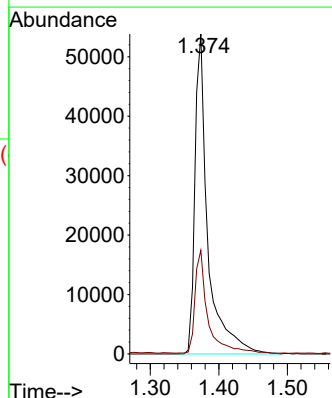
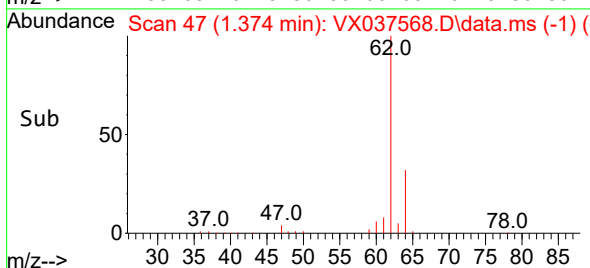
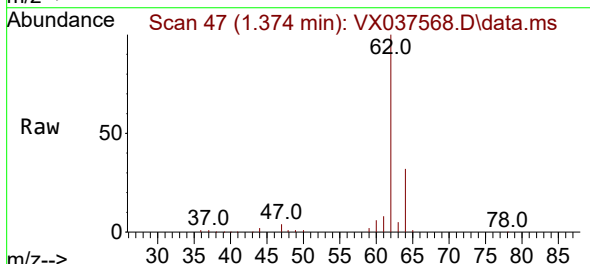
Manual Integrations
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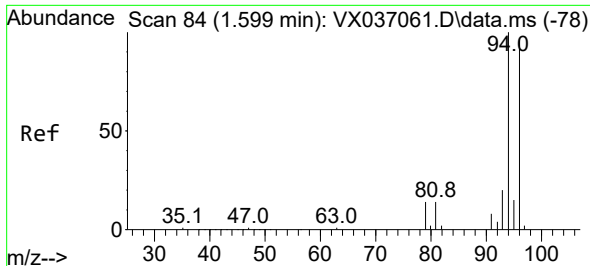
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#4
Vinyl Chloride
Concen: 51.829 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

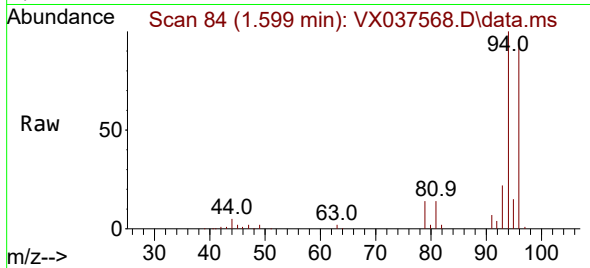
Tgt Ion: 62 Resp: 70387
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 40.964 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

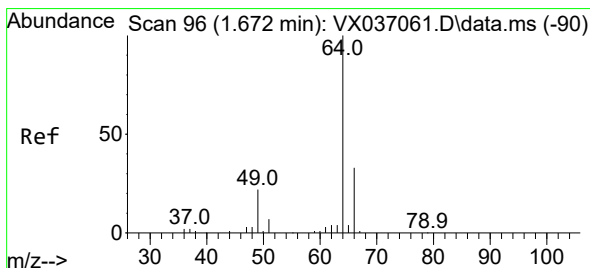
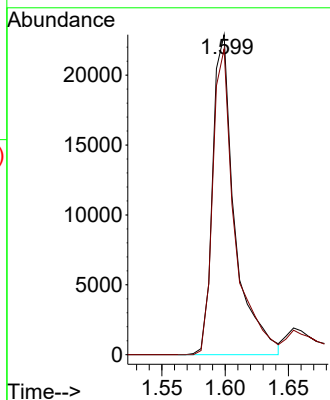
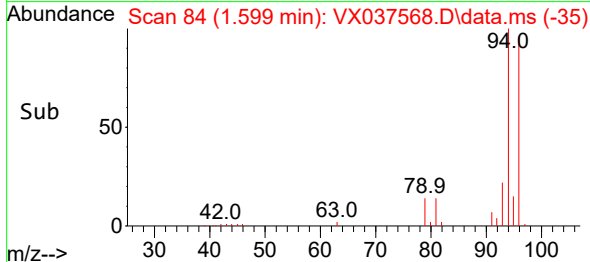
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Tgt Ion: 94 Resp: 2771
Ion Ratio Lower Upper
94 100
96 95.6 74.6 111.8

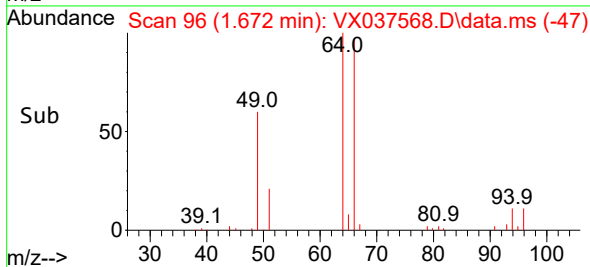
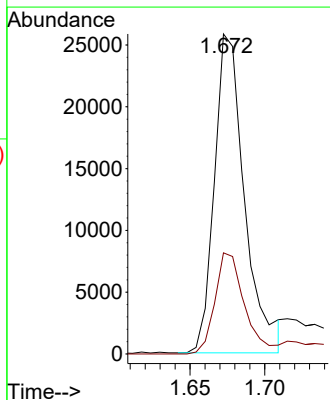
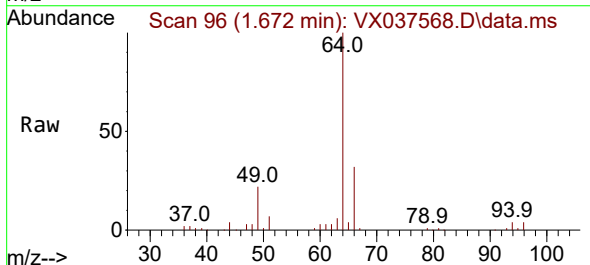
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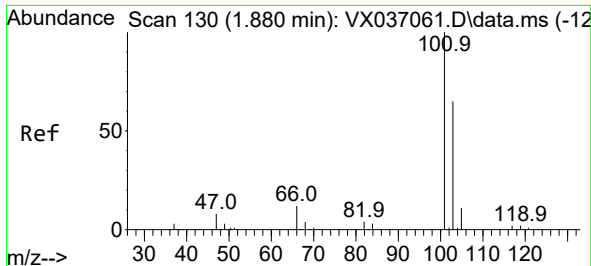
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#6
Chloroethane
Concen: 45.290 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

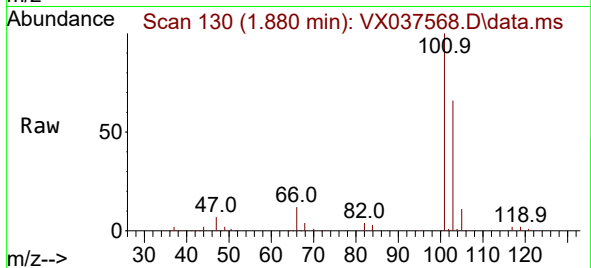
Tgt Ion: 64 Resp: 36194
Ion Ratio Lower Upper
64 100
66 31.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 47.808 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

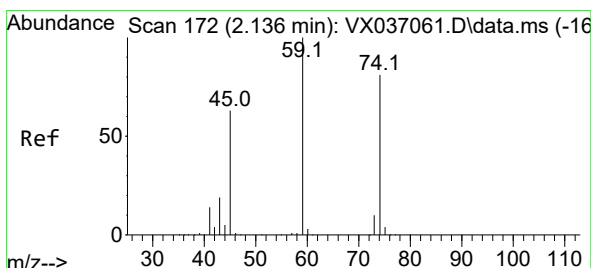
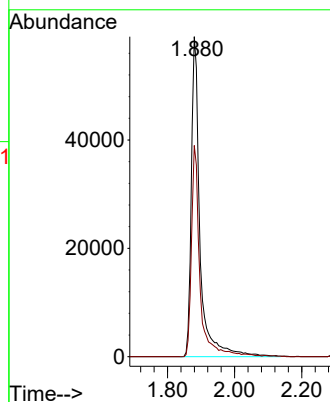
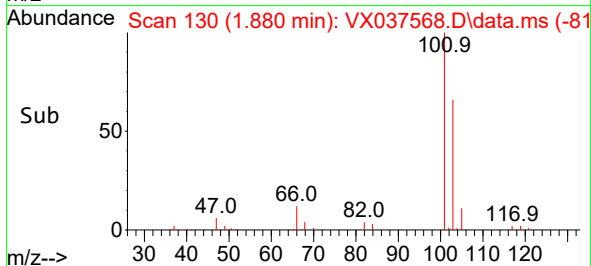
Instrument :
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Tgt Ion:101 Resp: 10635
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.2

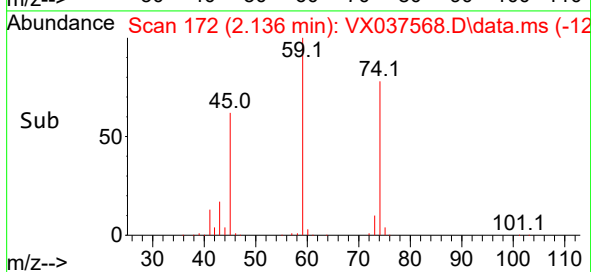
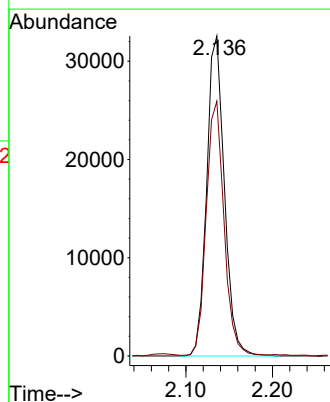
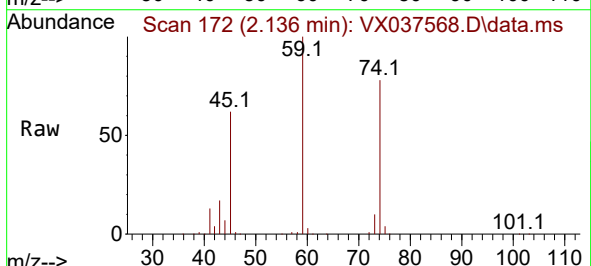
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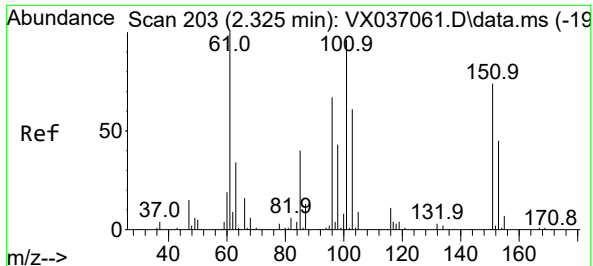
Reviewed By :John Carlone 09/07/2023
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#8
Diethyl Ether
Concen: 53.678 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037568.D
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Tgt Ion: 74 Resp: 46199
Ion Ratio Lower Upper
74 100
45 79.5 53.3 159.8





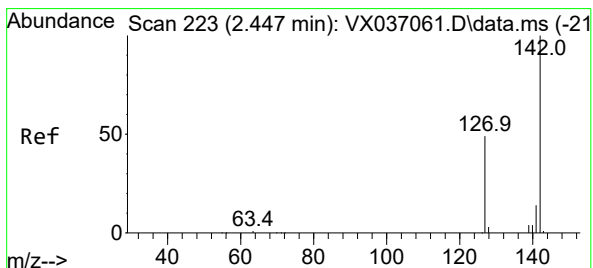
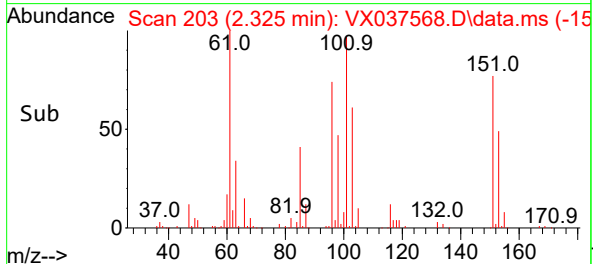
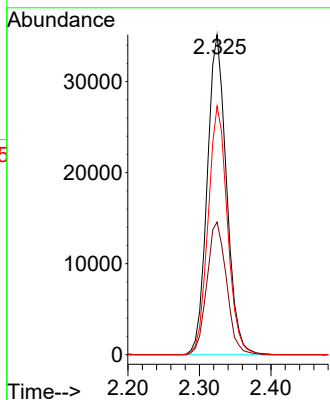
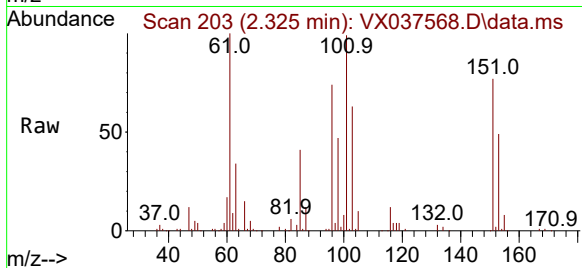
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.679 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 6577
Ion Ratio Lower Upper
101 100
85 42.2 37.0 55.6
151 77.8 58.6 87.8

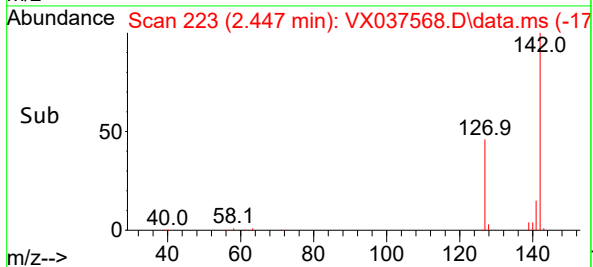
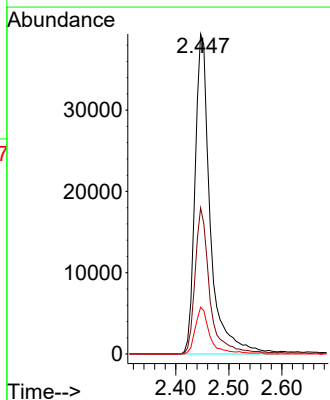
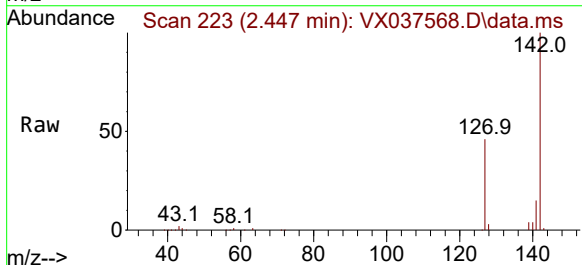
Manual Integrations
APPROVED

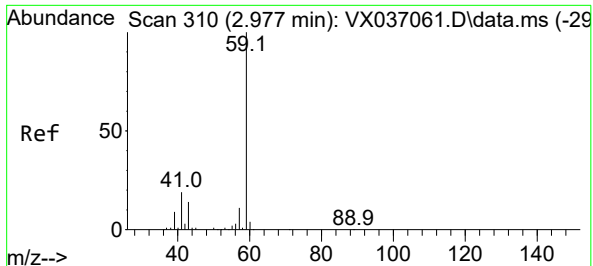
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#10
Methyl Iodide
Concen: 50.007 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Tgt Ion:142 Resp: 78876
Ion Ratio Lower Upper
142 100
127 44.1 41.6 62.4
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 276.739 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 11489

Ion Ratio Lower Upper

59 100

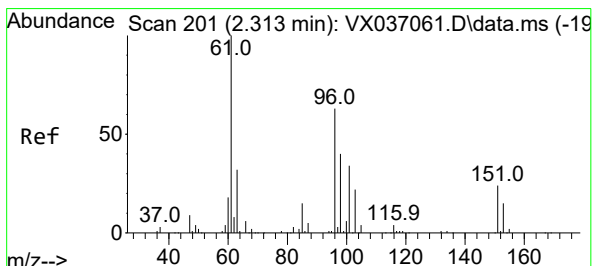
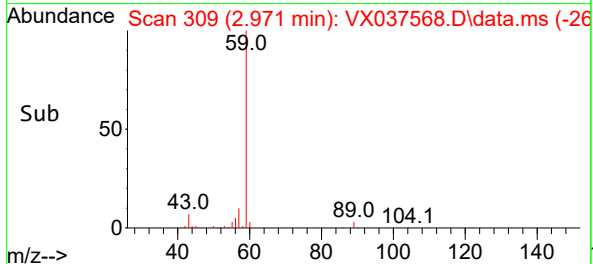
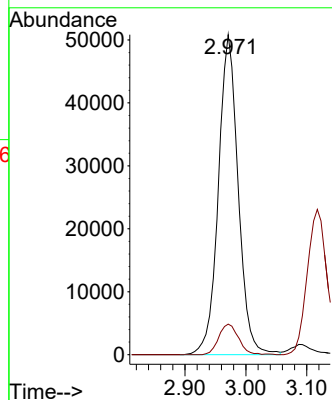
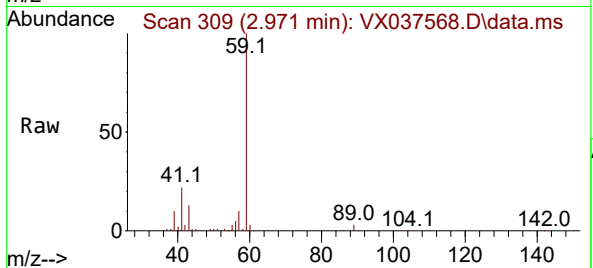
57 9.6 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#12

1,1-Dichloroethene

Concen: 51.333 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

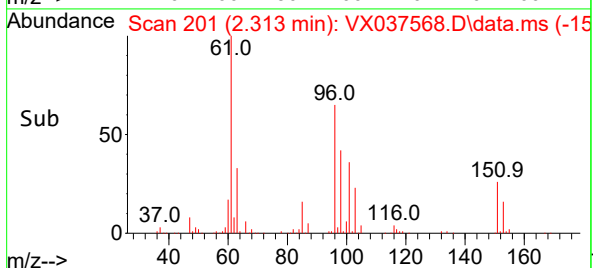
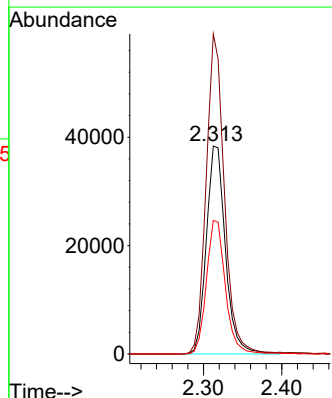
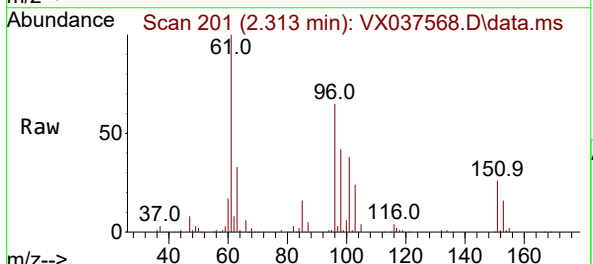
Tgt Ion: 96 Resp: 64874

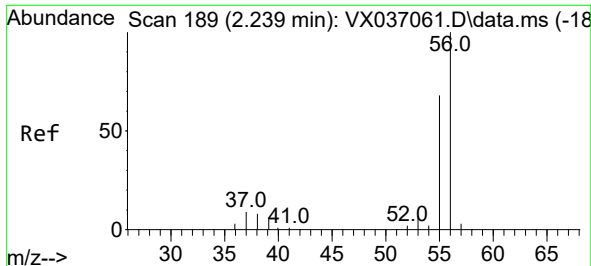
Ion Ratio Lower Upper

96 100

61 153.8 144.6 216.8

98 64.2 50.4 75.6





#13

Acrolein

Concen: 309.208 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 97664

Ion Ratio Lower Upper

56 100

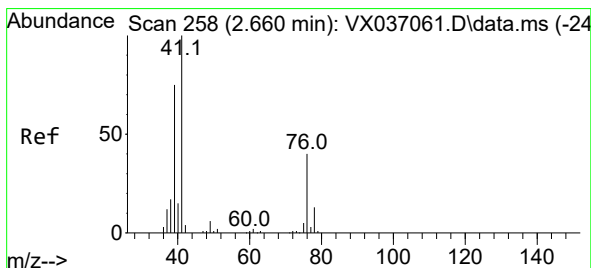
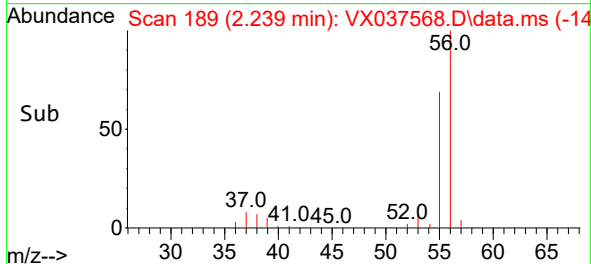
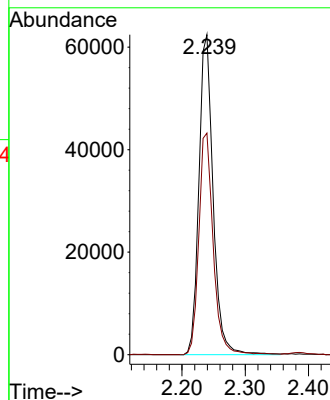
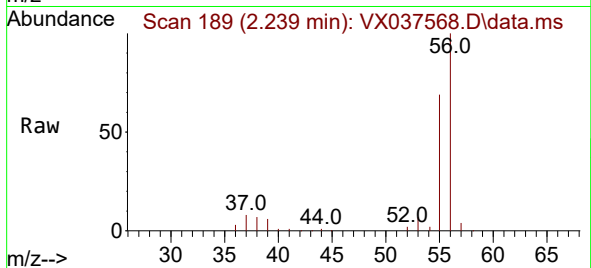
55 70.3 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#14

Allyl chloride

Concen: 48.643 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

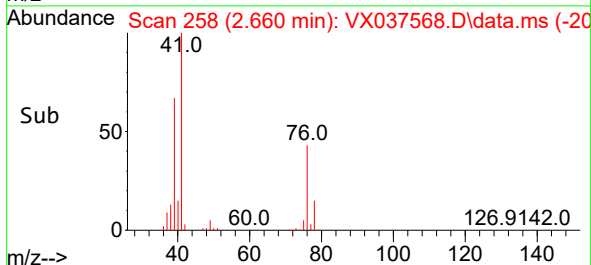
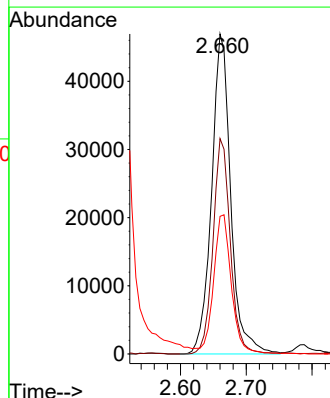
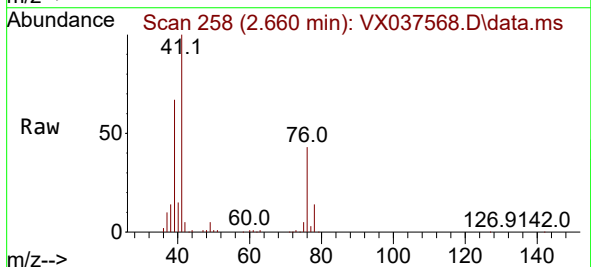
Tgt Ion: 41 Resp: 95151

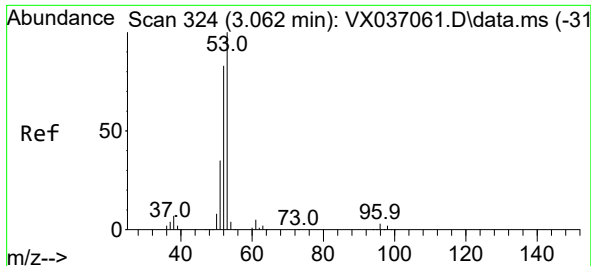
Ion Ratio Lower Upper

41 100

39 60.9 55.8 83.6

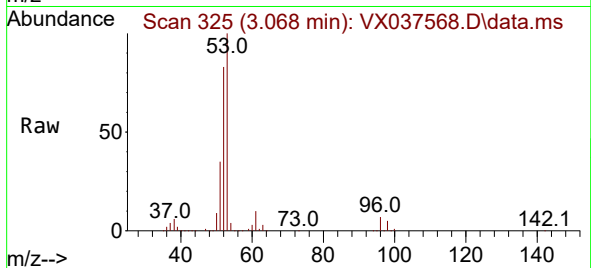
76 40.6 24.3 36.5





#15
Acrylonitrile
Concen: 311.984 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

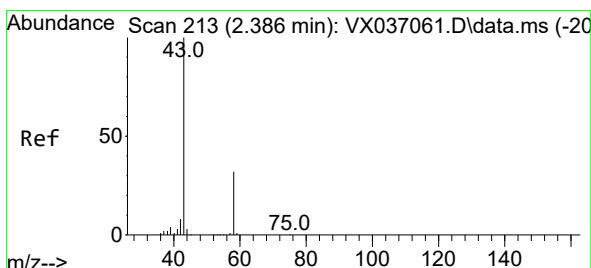
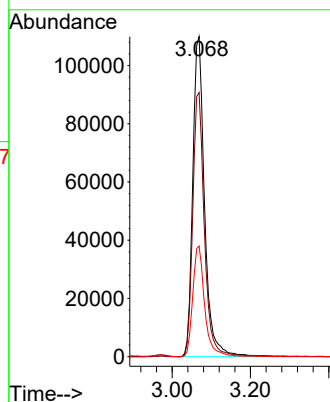
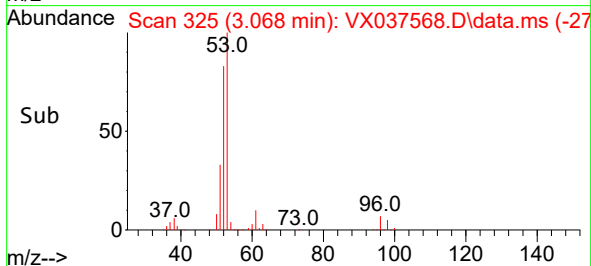
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 231199
Ion Ratio Lower Upper
53 100
52 81.2 66.0 99.0
51 34.9 29.8 44.6

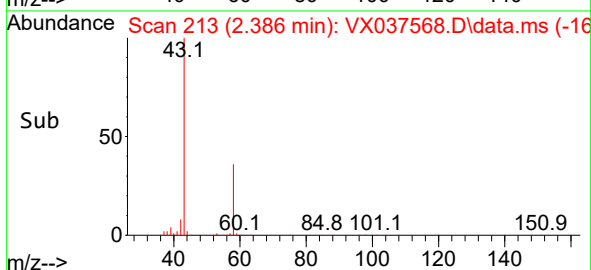
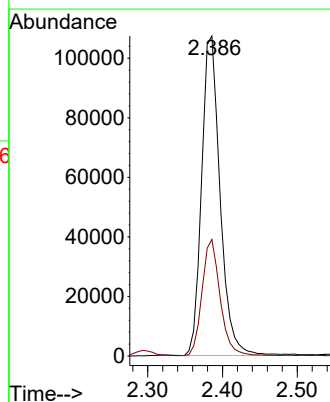
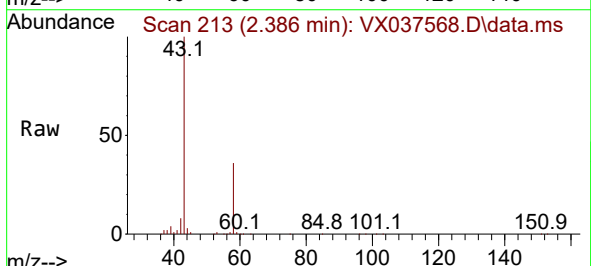
Manual Integrations
APPROVED

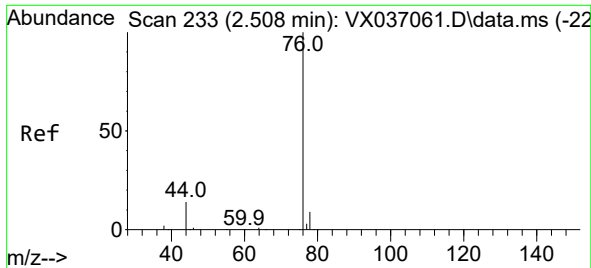
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#16
Acetone
Concen: 266.198 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

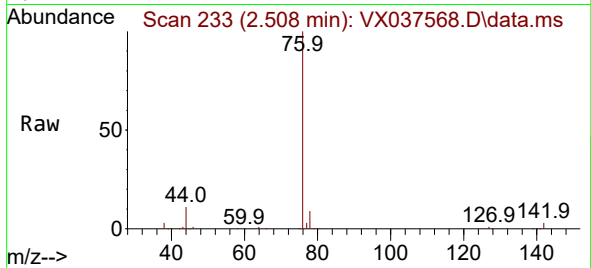
Tgt Ion: 43 Resp: 184321
Ion Ratio Lower Upper
43 100
58 36.3 21.9 32.9





#17
Carbon Disulfide
Concen: 39.936 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

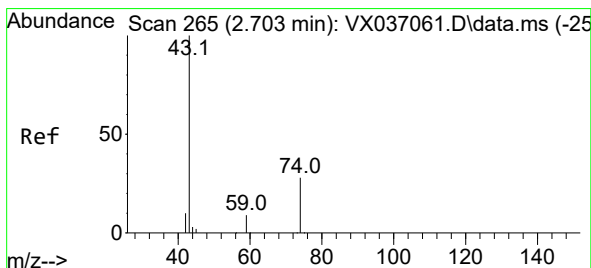
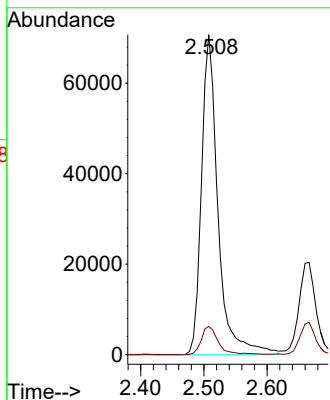
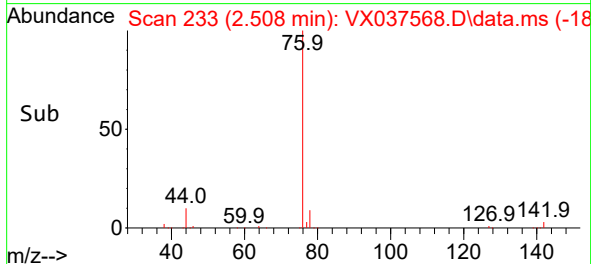
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



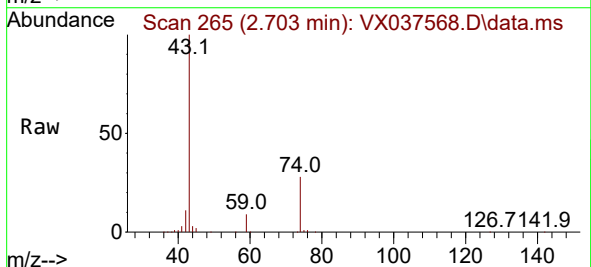
Tgt Ion: 76 Resp: 12838
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

Manual Integrations
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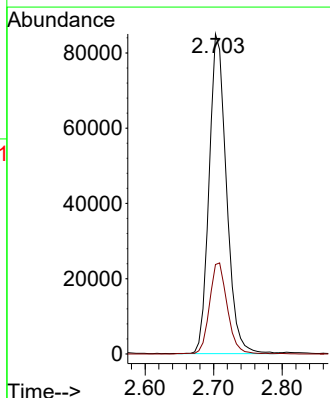
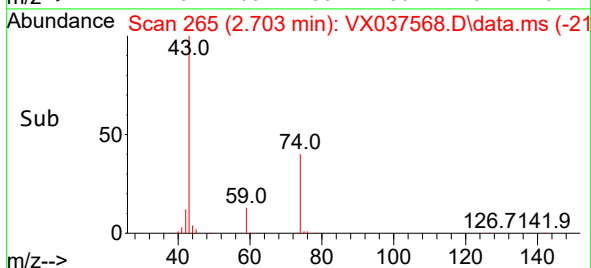
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023

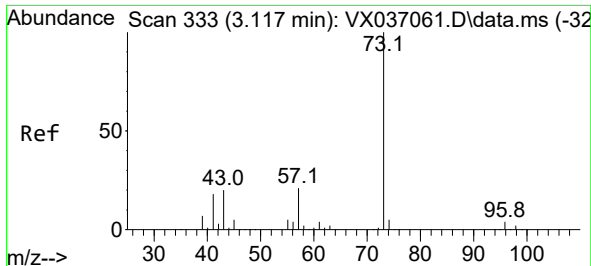


#18
Methyl Acetate
Concen: 57.230 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46



Tgt Ion: 43 Resp: 149205
Ion Ratio Lower Upper
43 100
74 29.3 17.8 26.8





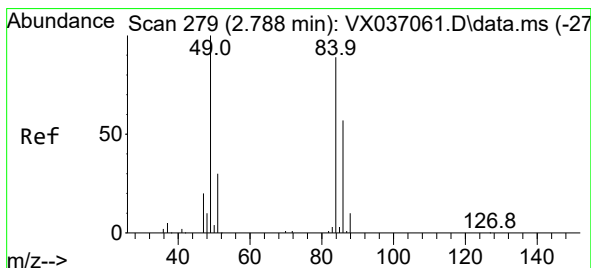
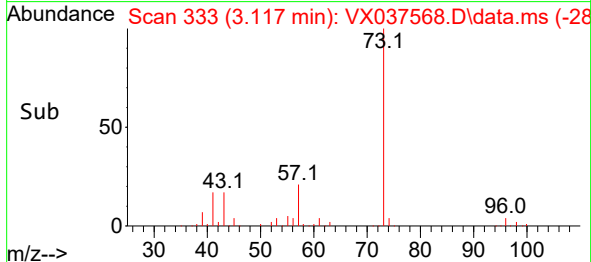
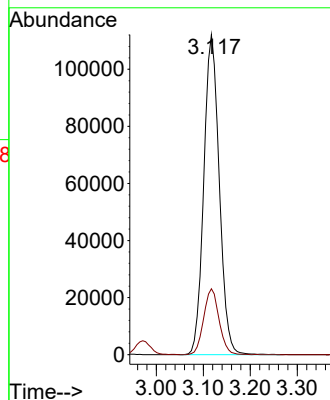
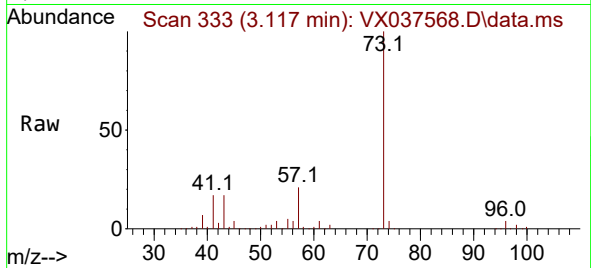
#19
Methyl tert-butyl Ether
Concen: 53.484 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 256352
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9

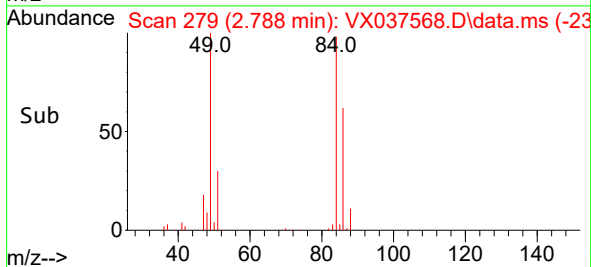
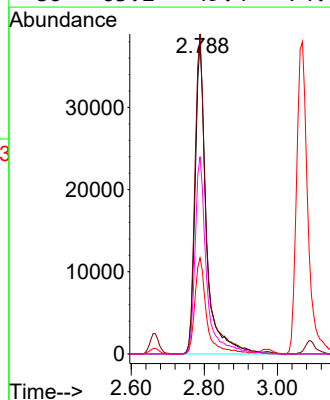
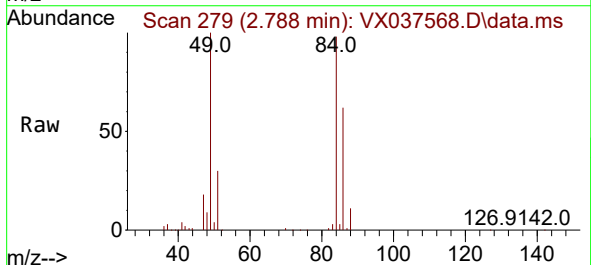
Manual Integrations
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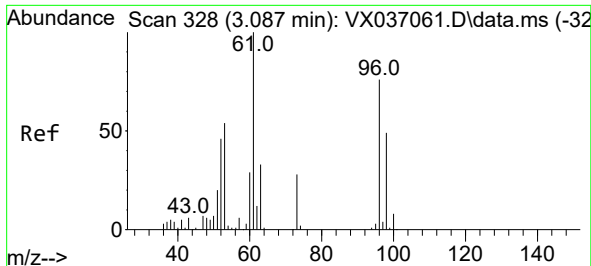
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#20
Methylene Chloride
Concen: 53.158 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

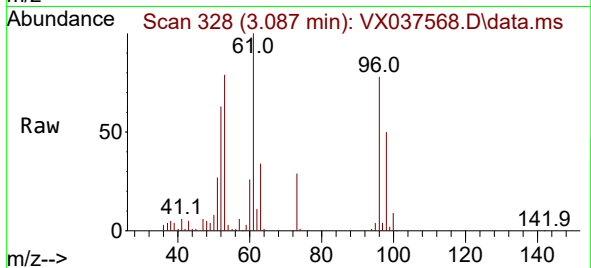
Tgt Ion: 84 Resp: 82313
Ion Ratio Lower Upper
84 100
49 102.5 103.6 155.4#
51 30.8 33.8 50.6#
86 63.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.902 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

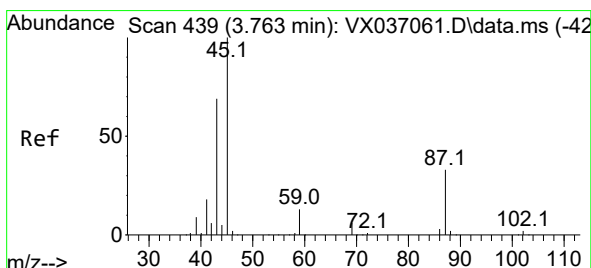
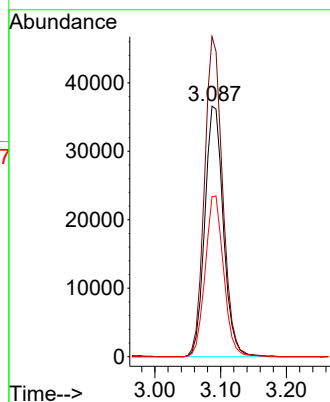
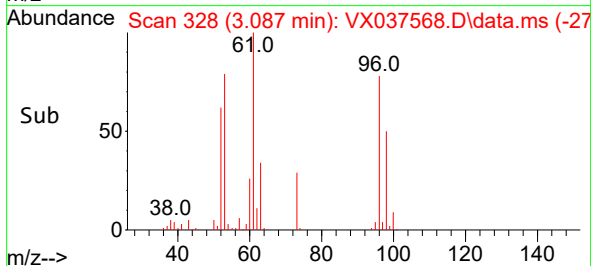
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 71692
Ion Ratio Lower Upper
96 100
61 127.7 119.2 178.8
98 63.9 48.7 73.1

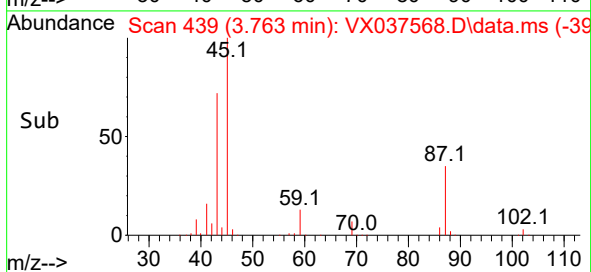
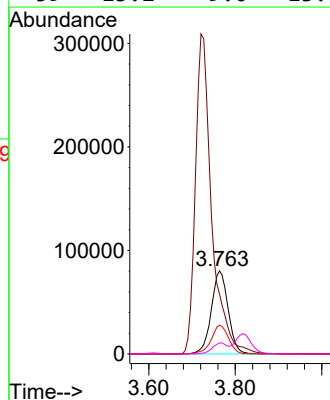
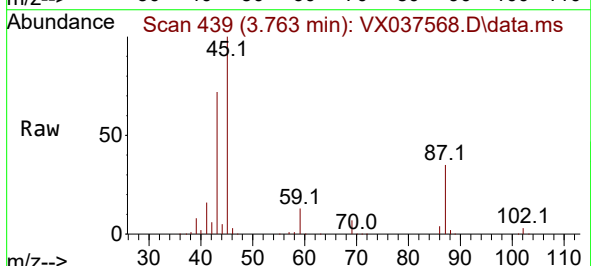
Manual Integrations
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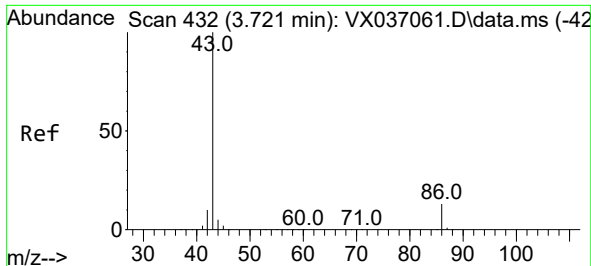
Reviewed By :John Carbone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#22
Diisopropyl ether
Concen: 53.974 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Tgt Ion: 45 Resp: 216654
Ion Ratio Lower Upper
45 100
43 71.5 69.7 104.5
87 34.6 20.8 31.2#
59 13.2 9.0 13.4





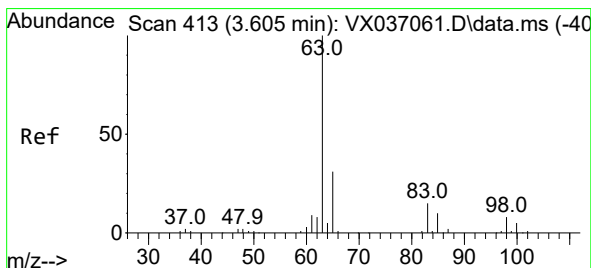
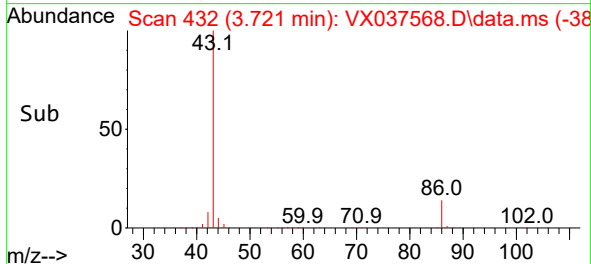
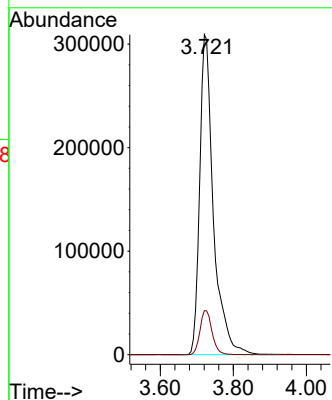
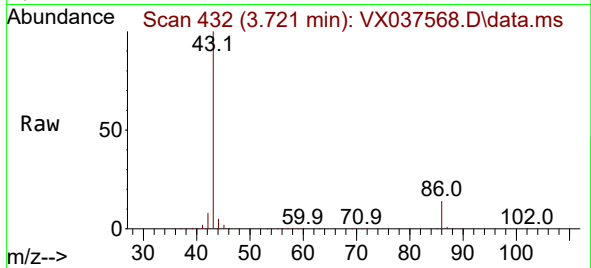
#23
 Vinyl Acetate
 Concen: 262.547 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX037568.D
 Acq: 06 Sep 2023 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 807598
 Ion Ratio Lower Upper
 43 100
 86 13.7 7.8 11.8

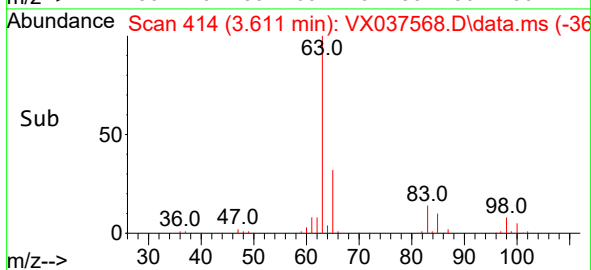
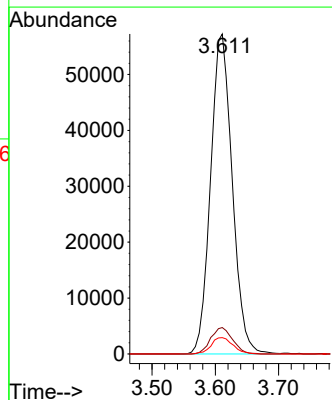
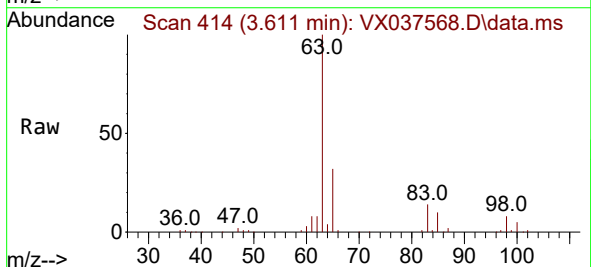
Manual Integrations
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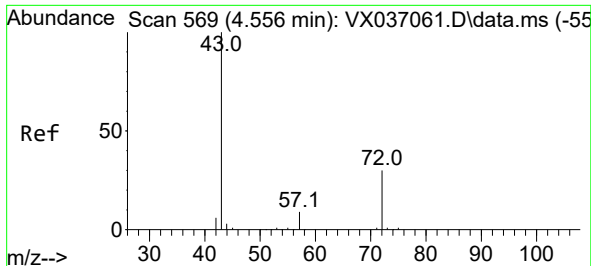
Reviewed By :John Carlone 09/07/2023
 Supervised By :Mahesh Dadoda 09/07/2023



#24
 1,1-Dichloroethane
 Concen: 54.131 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037568.D
 Acq: 06 Sep 2023 20:46

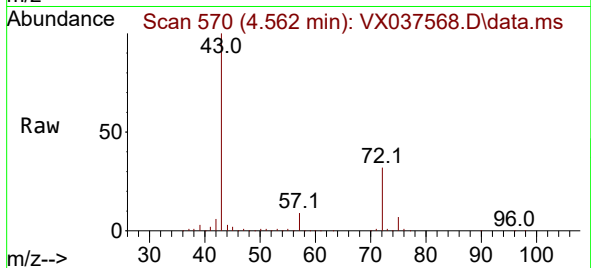
Tgt Ion: 63 Resp: 136257
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.3 9.8
 100 5.1 2.1 6.5





#25
2-Butanone
Concen: 284.698 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

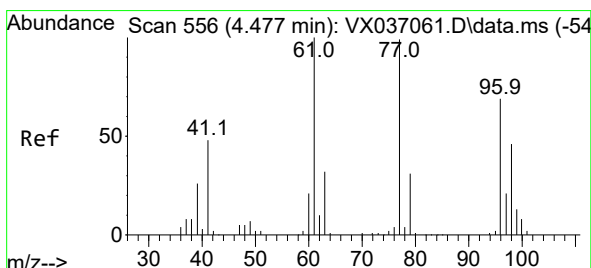
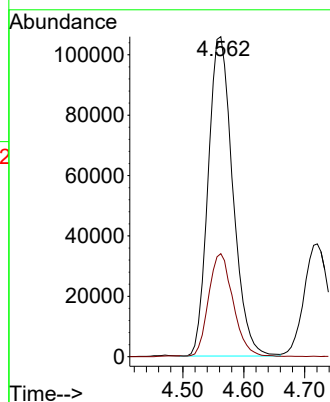
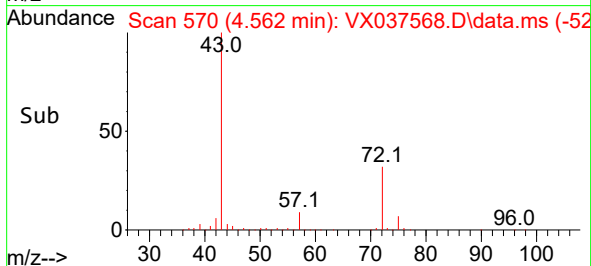
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 296820
Ion Ratio Lower Upper
43 100
72 32.1 19.4 29.2

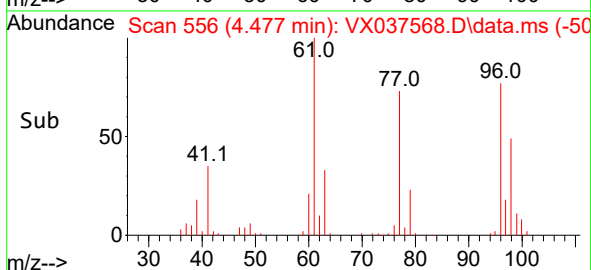
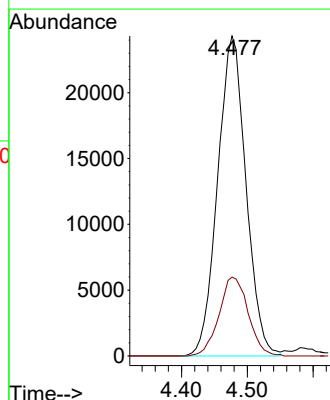
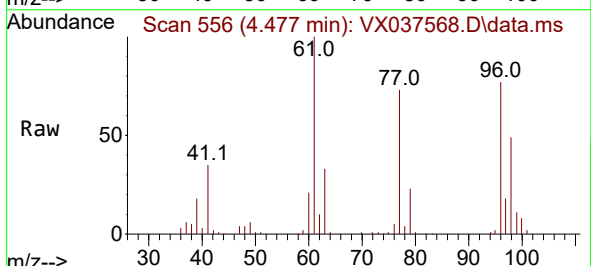
Manual Integrations
APPROVED

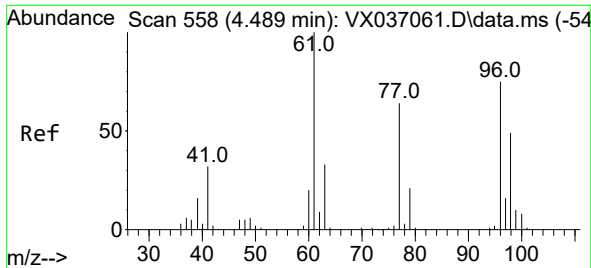
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#26
2,2-Dichloropropane
Concen: 32.427 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Tgt Ion: 77 Resp: 72896
Ion Ratio Lower Upper
77 100
97 25.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 54.110 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

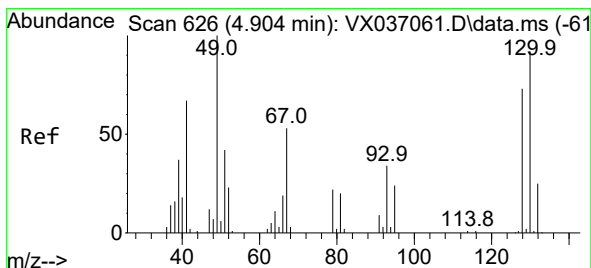
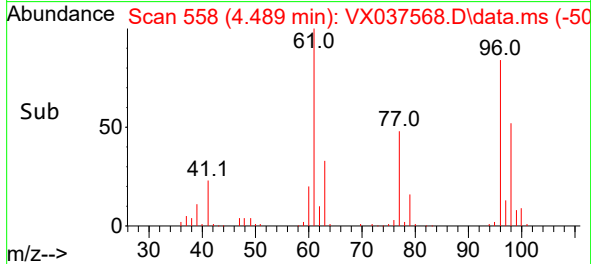
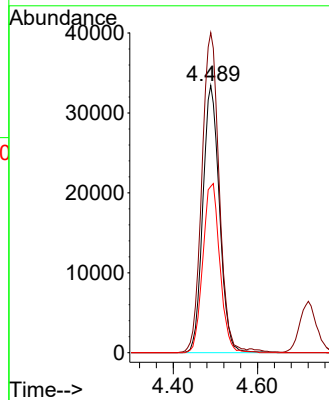
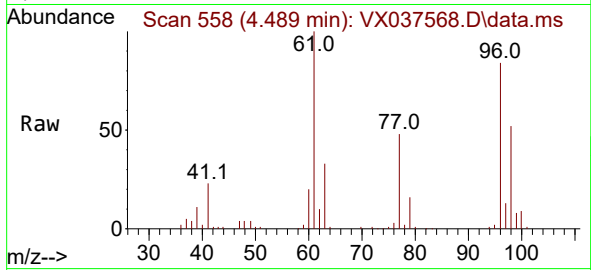
Tgt Ion: 96	Resp: 91644
Ion Ratio	Lower Upper
96 100	
61 124.2	0.0 312.2
98 65.0	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#28

Bromochloromethane

Concen: 54.852 ug/l

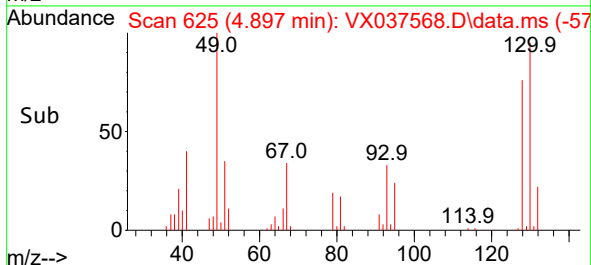
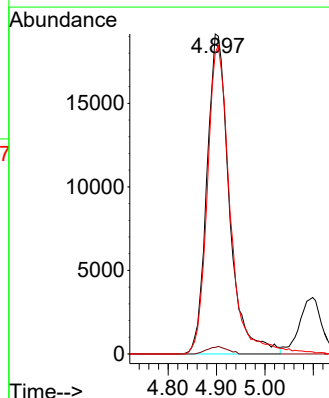
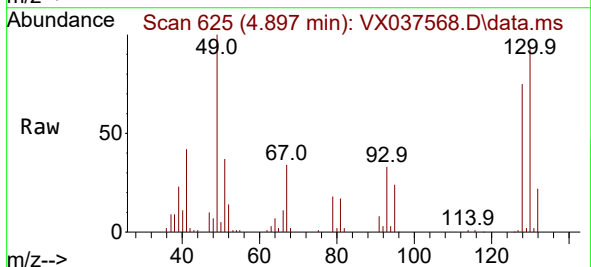
RT: 4.897 min Scan# 625

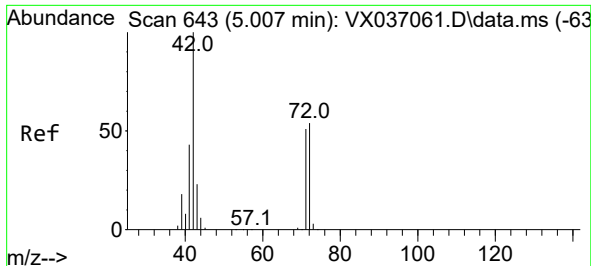
Delta R.T. -0.006 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Tgt Ion: 49	Resp: 61680
Ion Ratio	Lower Upper
49 100	
129 2.1	0.0 3.8
130 98.1	57.5 86.3





#29

Tetrahydrofuran

Concen: 277.835 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX037568.D

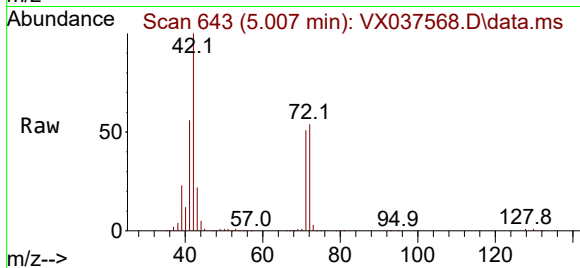
Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



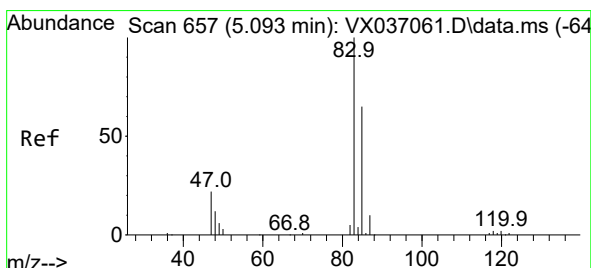
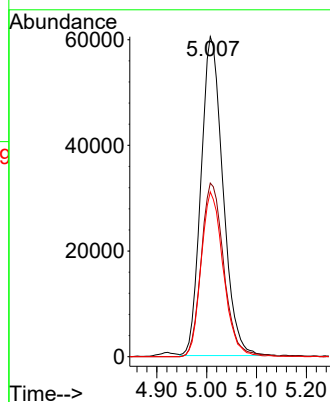
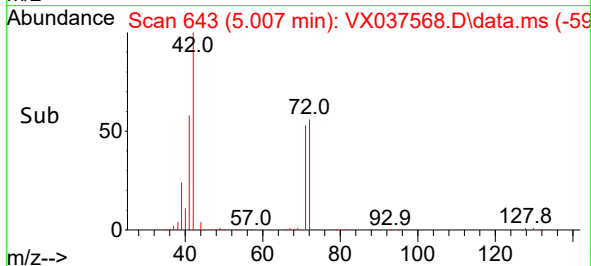
Tgt Ion:	42	Resp:	184728
Ion Ratio	Lower	Upper	
42	100		
72	56.4	34.2	51.4
71	52.3	32.2	48.2

Manual Integrations

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Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#30

Chloroform

Concen: 53.218 ug/l

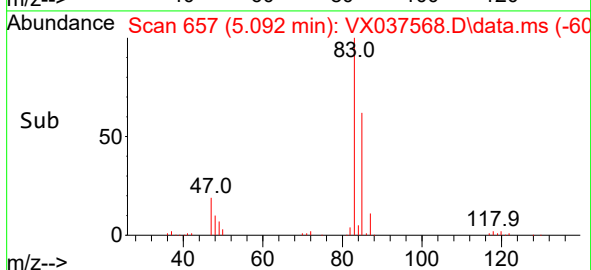
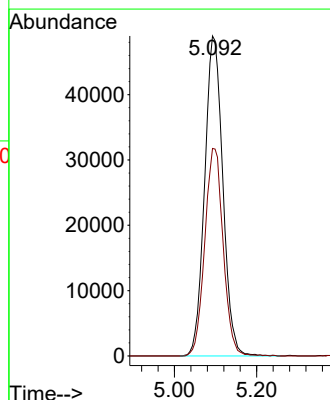
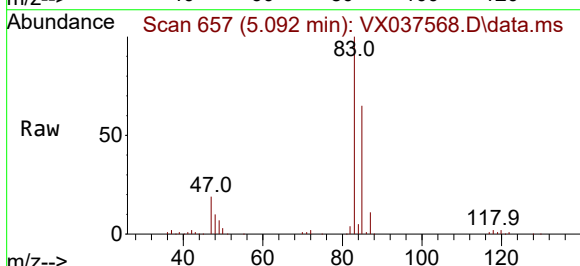
RT: 5.092 min Scan# 657

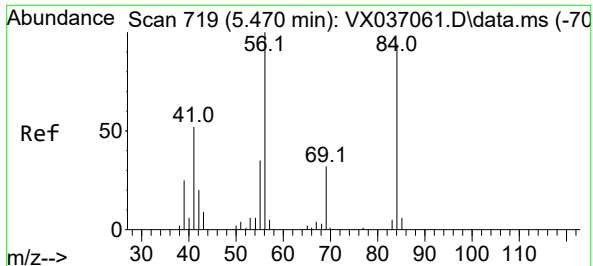
Delta R.T. -0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

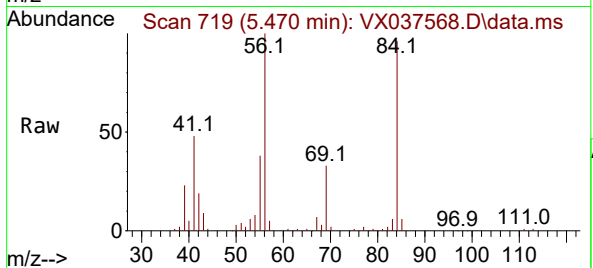
Tgt Ion:	83	Resp:	150376
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.3	75.5





#31
Cyclohexane
Concen: 49.051 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

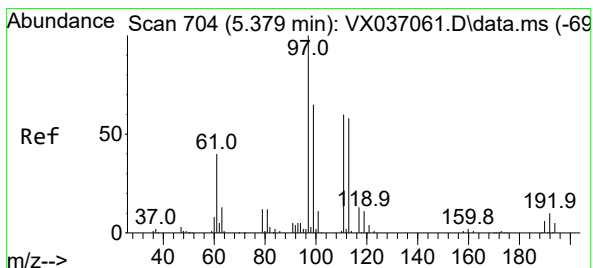
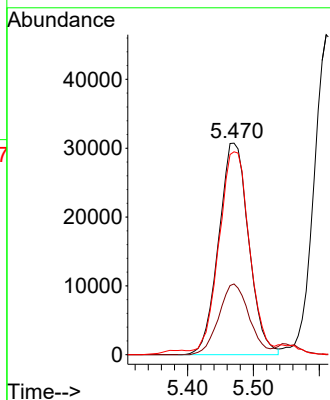
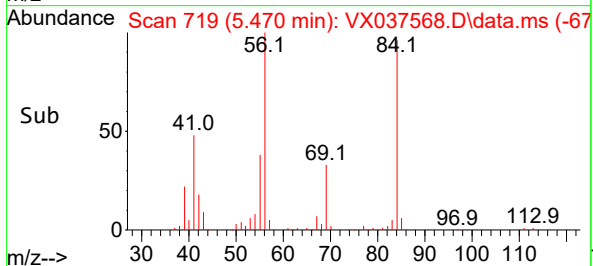
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



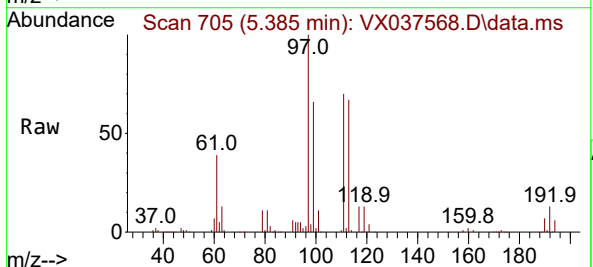
Tgt Ion: 56 Resp: 97620
Ion Ratio Lower Upper
56 100
69 33.4 23.4 35.2
84 94.0 65.9 98.9

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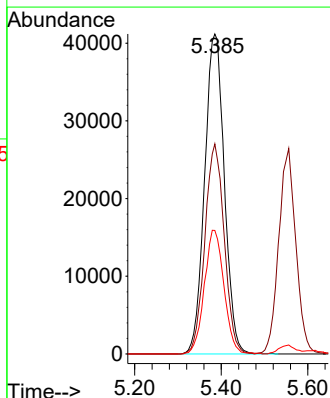
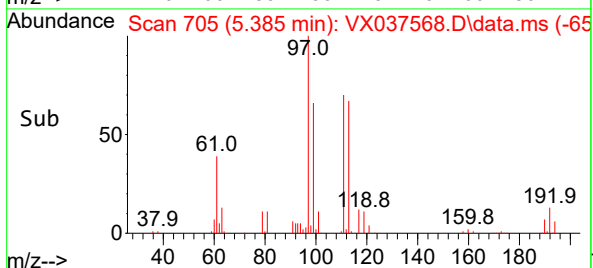
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023

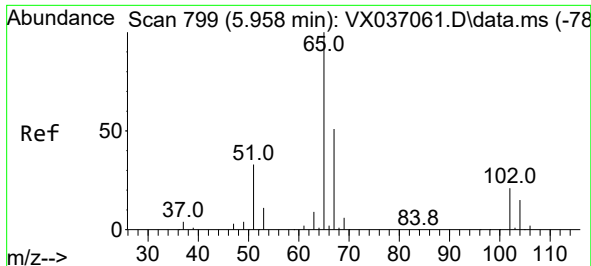


#32
1,1,1-Trichloroethane
Concen: 51.433 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46



Tgt Ion: 97 Resp: 130236
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 38.4 36.4 54.6





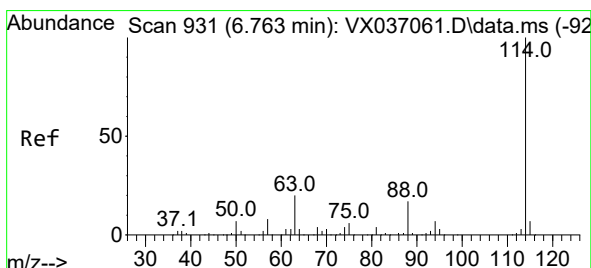
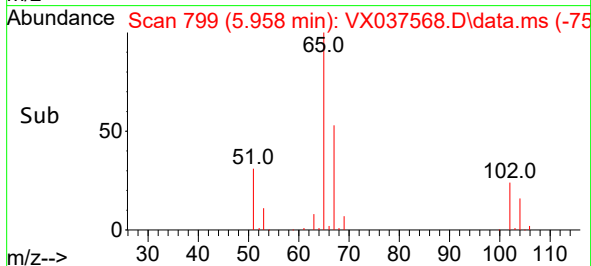
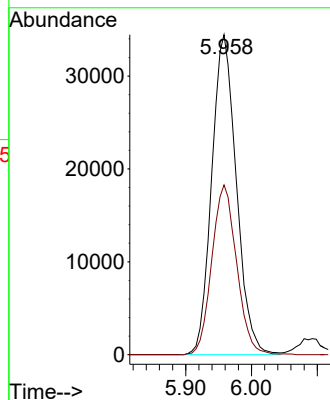
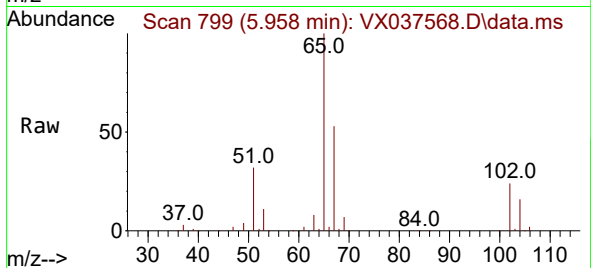
#33
1,2-Dichloroethane-d4
Concen: 50.780 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 89878
Ion Ratio Lower Upper
65 100
67 53.3 0.0 100.2

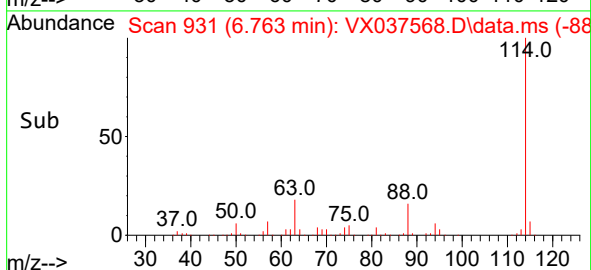
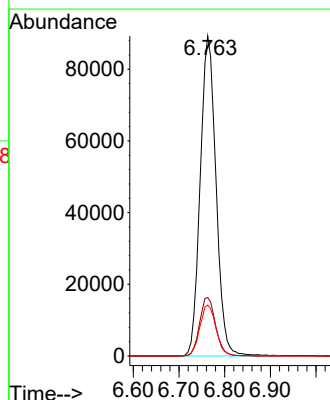
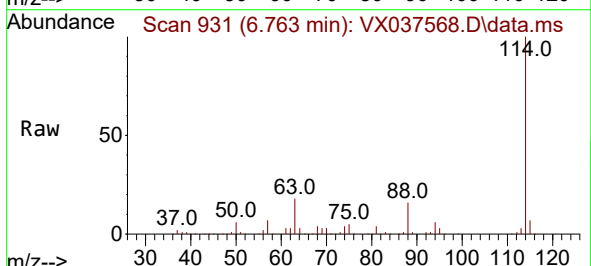
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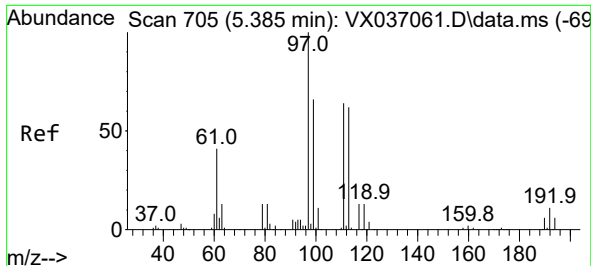
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

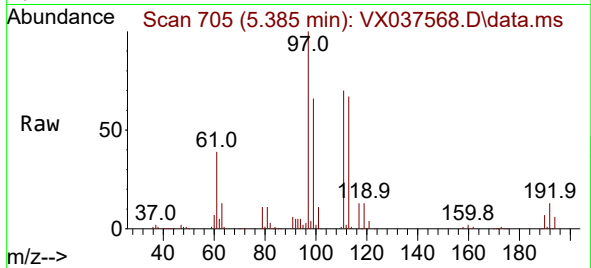
Tgt Ion:114 Resp: 214748
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 15.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 57.641 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

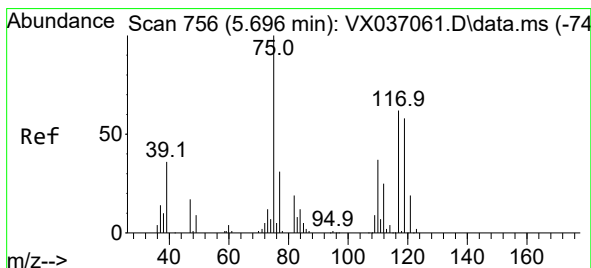
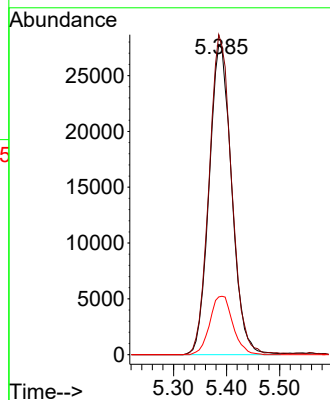
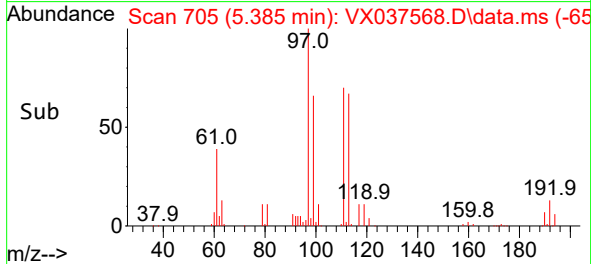
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 81979
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 19.2 13.3 19.9

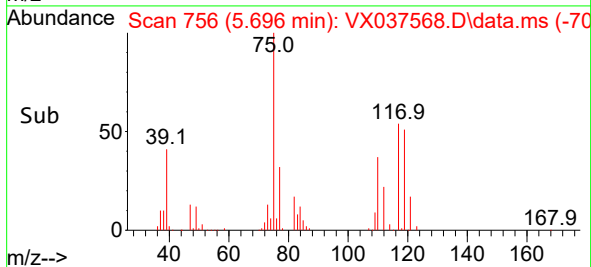
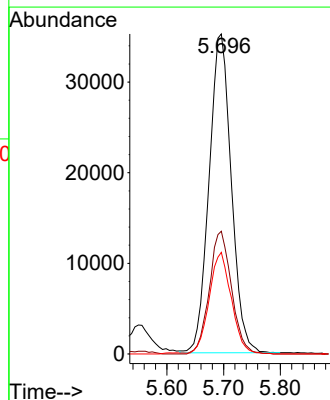
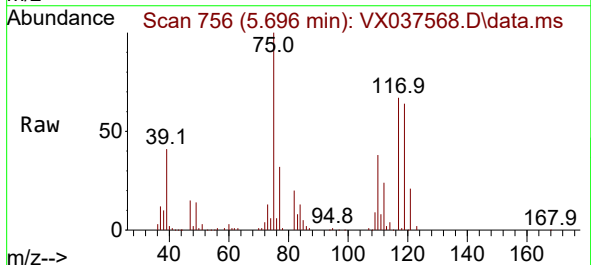
Manual Integrations
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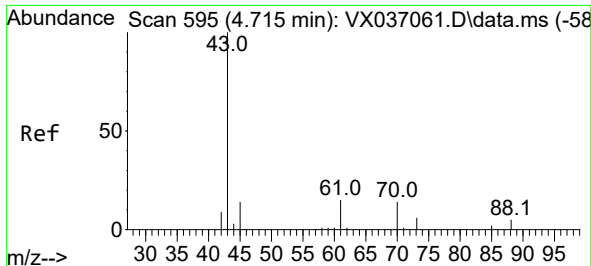
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#36
1,1-Dichloropropene
Concen: 47.406 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Tgt Ion: 75 Resp: 95789
Ion Ratio Lower Upper
75 100
110 38.4 17.0 50.9
77 31.8 24.7 37.1





#37

Ethyl Acetate

Concen: 53.905 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 11126

Ion Ratio Lower Upper

43 100

61 16.4 10.6 16.0

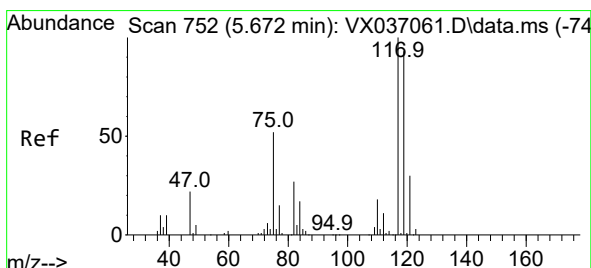
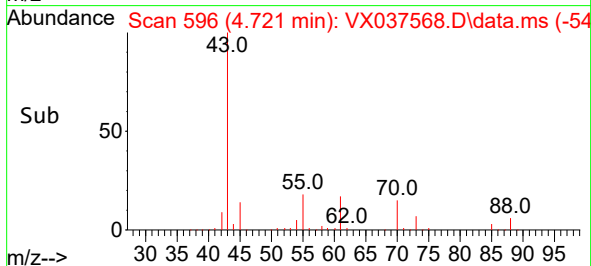
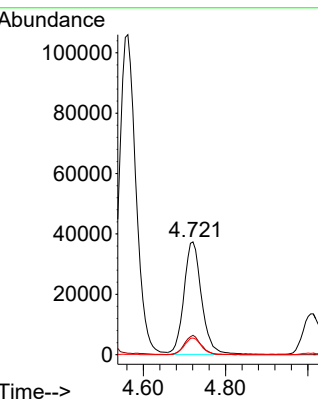
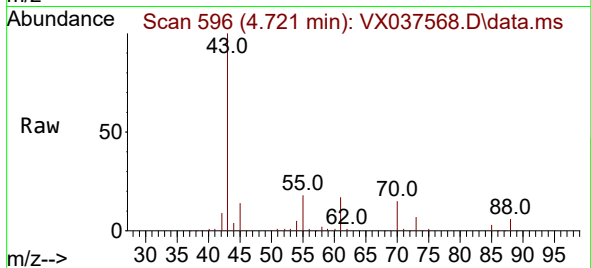
70 14.3 8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#38

Carbon Tetrachloride

Concen: 49.722 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

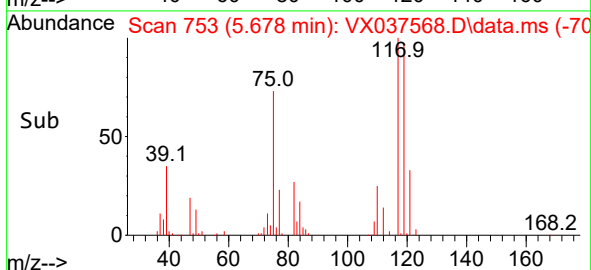
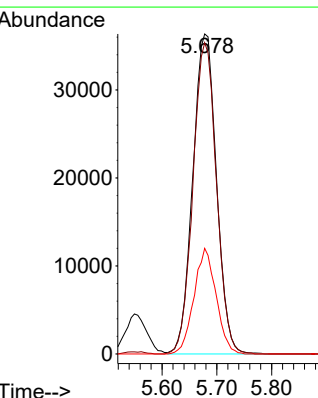
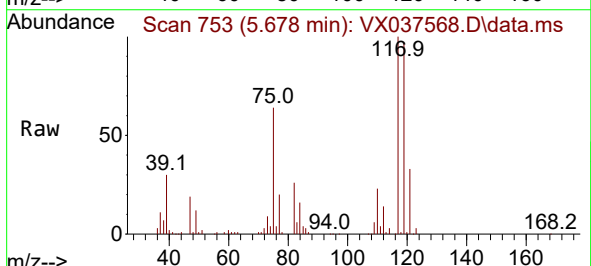
Tgt Ion:117 Resp: 109135

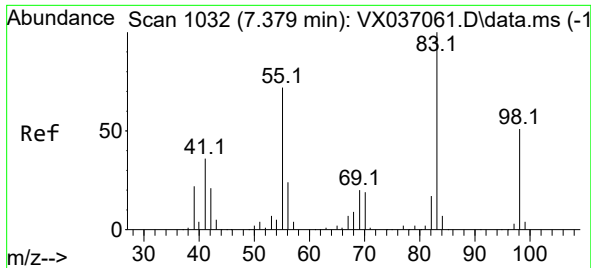
Ion Ratio Lower Upper

117 100

119 97.3 78.2 117.2

121 33.0 24.4 36.6





#39

Methylcyclohexane

Concen: 52.818 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 112128

Ion Ratio Lower Upper

83 100

55 68.4 64.6 97.0

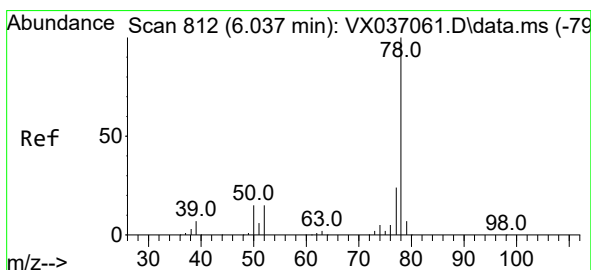
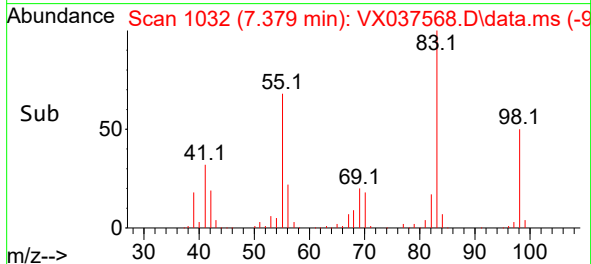
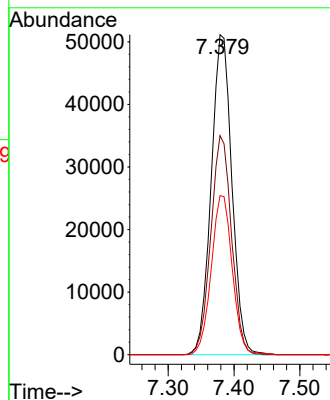
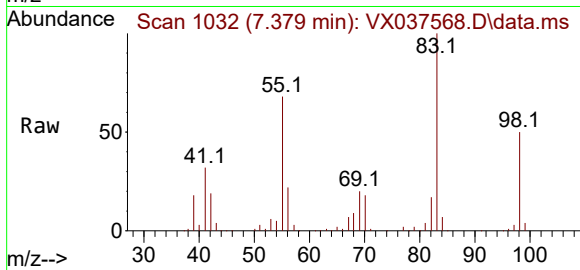
98 49.7 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#40

Benzene

Concen: 53.639 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX037568.D

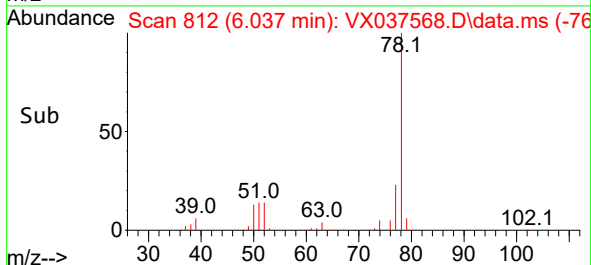
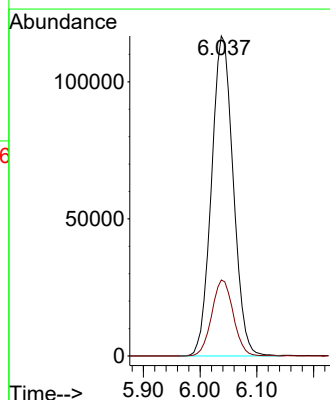
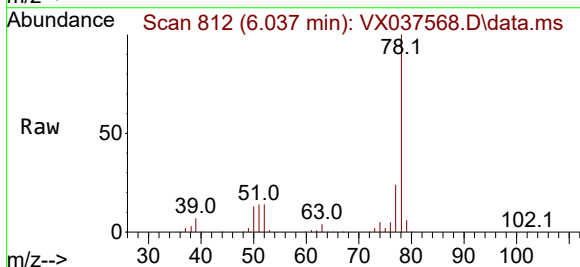
Acq: 06 Sep 2023 20:46

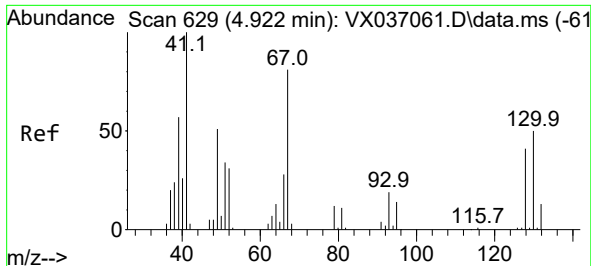
Tgt Ion: 78 Resp: 310839

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9





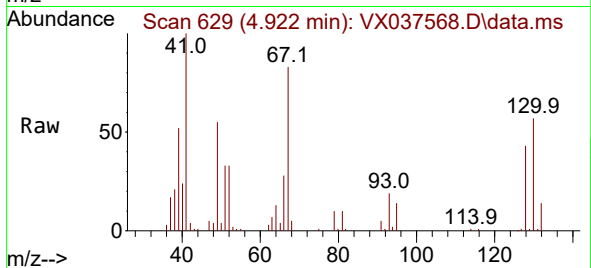
#41
Methacrylonitrile
Concen: 55.767 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



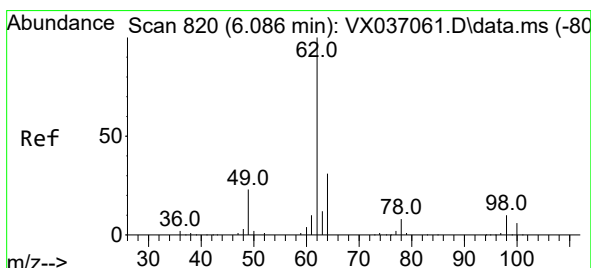
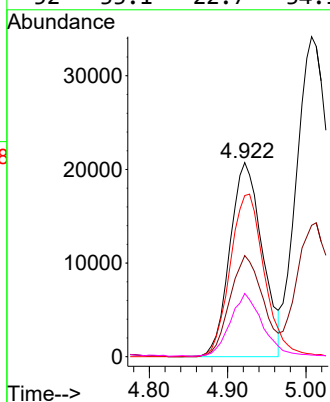
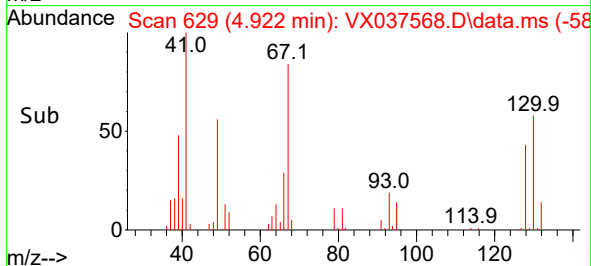
Tgt Ion: 41 Resp: 5983
Ion Ratio Lower Upper
41 100
39 53.0 45.2 67.8
67 88.6 52.6 78.8
52 33.1 22.7 34.1

Manual Integrations

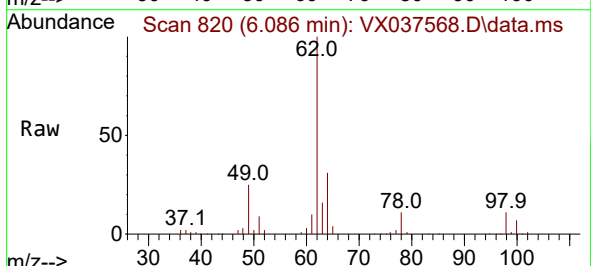
APPROVED

Reviewed By :John Carlone 09/07/2023

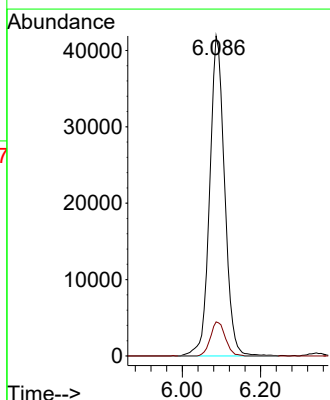
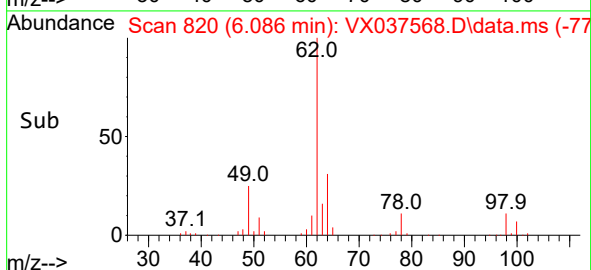
Supervised By :Mahesh Dadoda 09/07/2023

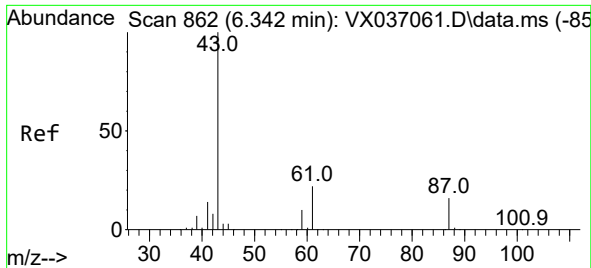


#42
1,2-Dichloroethane
Concen: 48.683 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46



Tgt Ion: 62 Resp: 110635
Ion Ratio Lower Upper
62 100
98 10.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 52.392 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

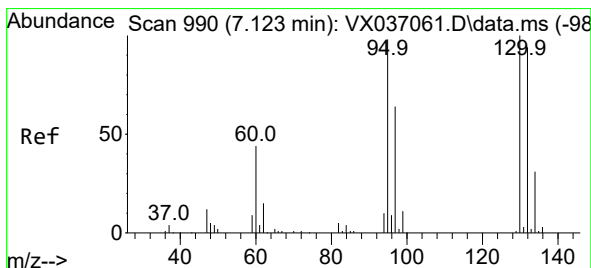
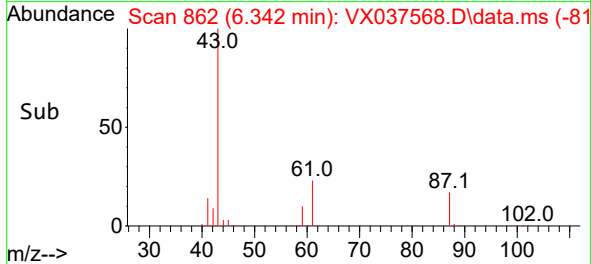
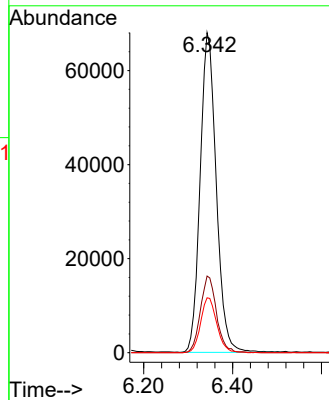
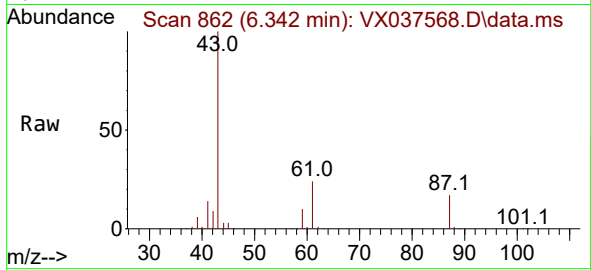
Tgt Ion:	43	Resp:	17168
Ion Ratio	Lower	Upper	
43	100		
61	23.9	15.2	22.8
87	17.2	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#44

Trichloroethene

Concen: 50.542 ug/l

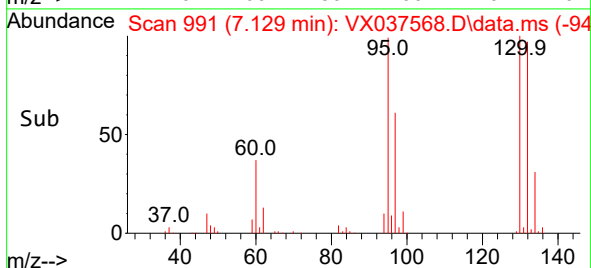
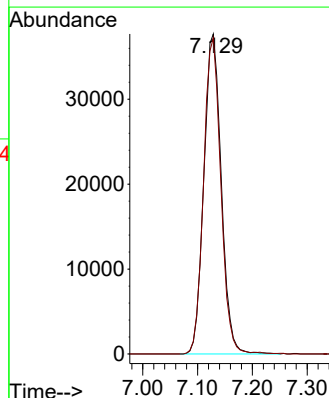
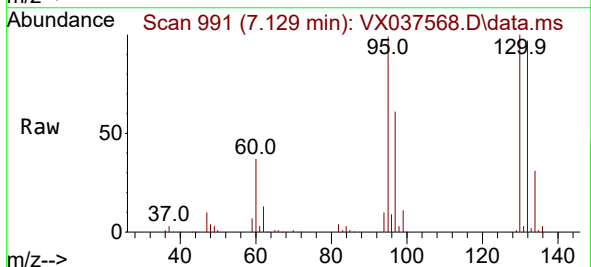
RT: 7.129 min Scan# 991

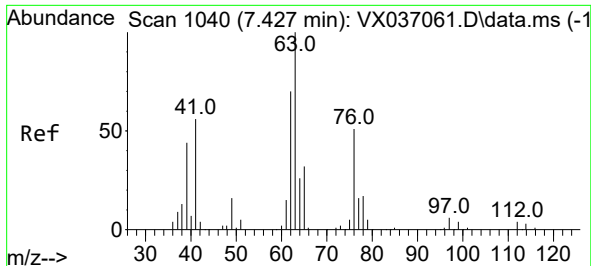
Delta R.T. 0.006 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

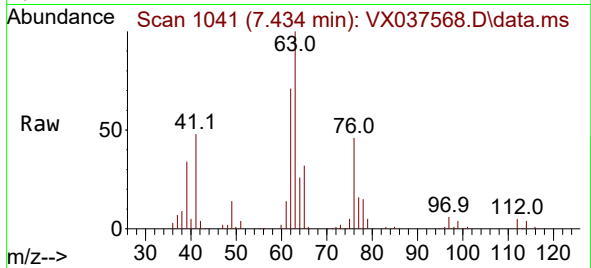
Tgt Ion:	130	Resp:	83052
Ion Ratio	Lower	Upper	
130	100		
95	98.8	0.0	204.4





#45
1,2-Dichloropropane
Concen: 55.897 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

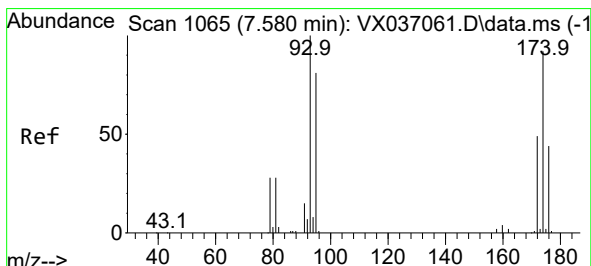
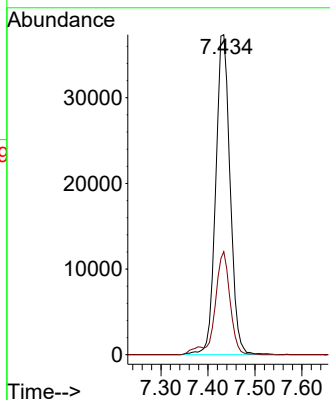
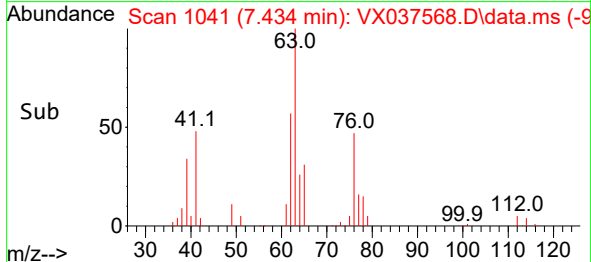
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 7987
Ion Ratio Lower Upper
63 100
65 32.2 24.3 36.5

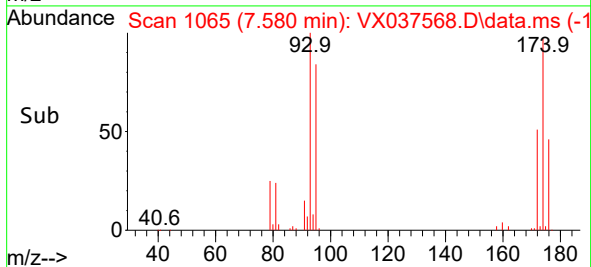
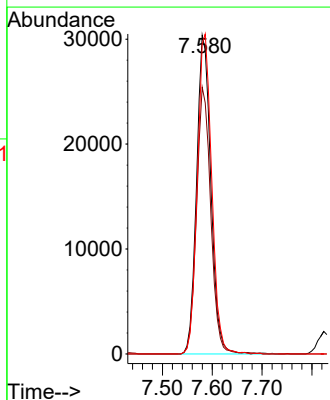
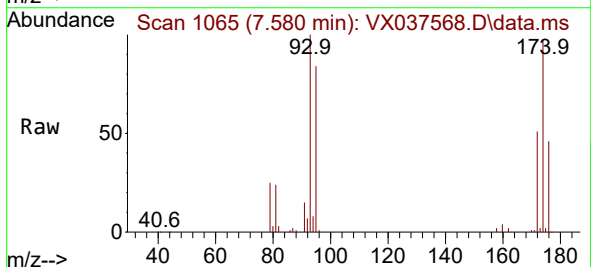
Manual Integrations
APPROVED

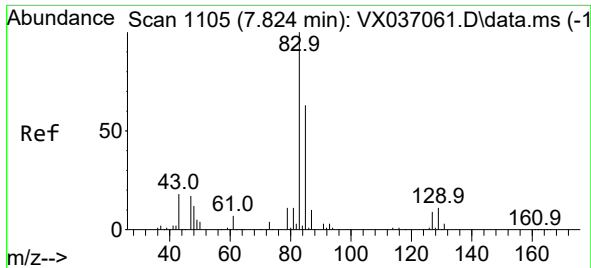
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#46
Dibromomethane
Concen: 53.700 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

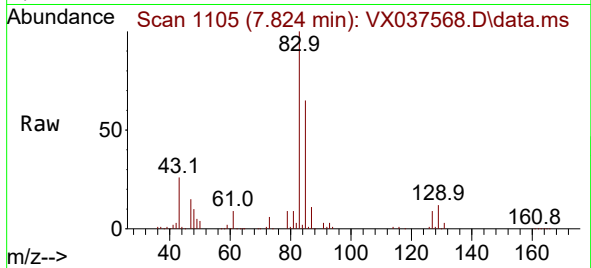
Tgt Ion: 93 Resp: 60448
Ion Ratio Lower Upper
93 100
95 82.9 66.6 100.0
174 101.2 69.4 104.0





#47
Bromodichloromethane
Concen: 54.287 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

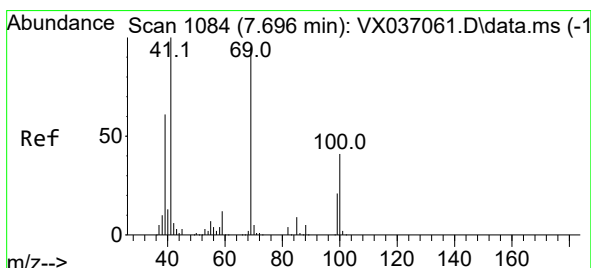
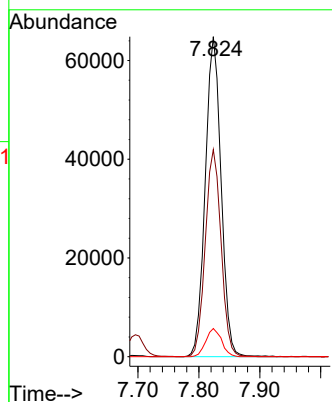
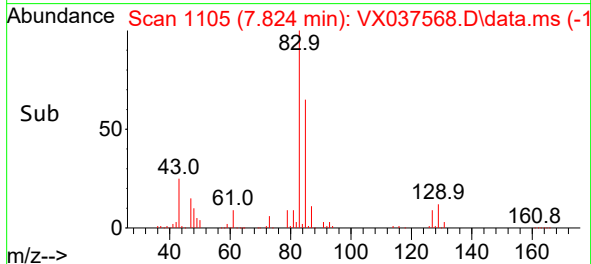
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 117045
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 8.8 7.1 10.7

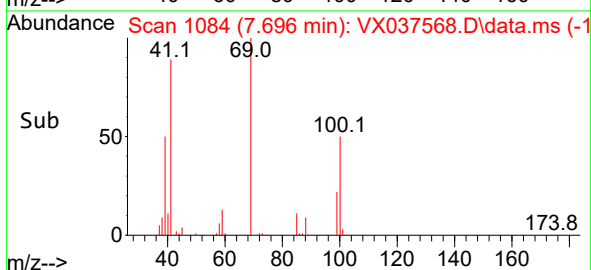
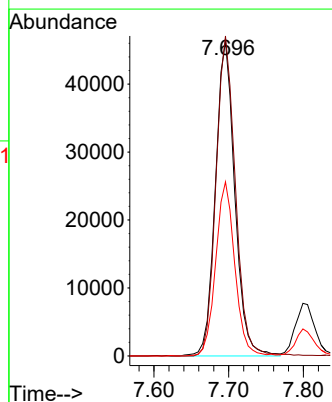
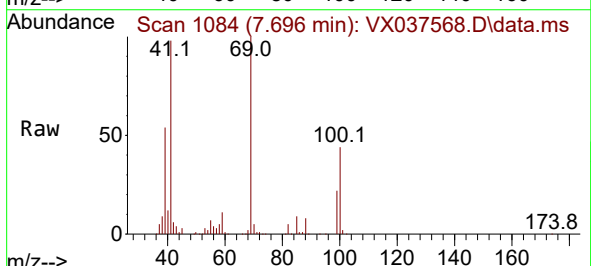
Manual Integrations
APPROVED

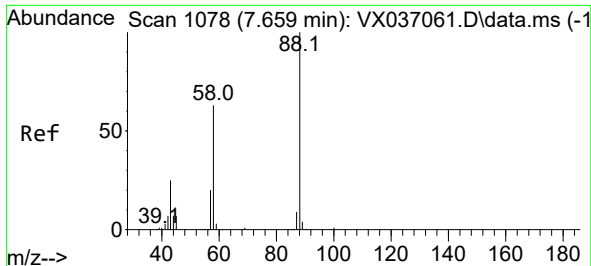
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#48
Methyl methacrylate
Concen: 52.390 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

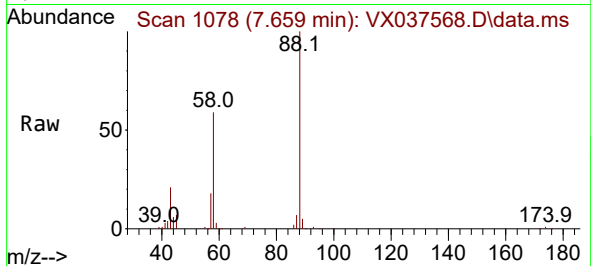
Tgt Ion: 41 Resp: 83724
Ion Ratio Lower Upper
41 100
69 101.7 59.2 88.8#
39 54.5 47.7 71.5





#49
1,4-Dioxane
Concen: 1215.816 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

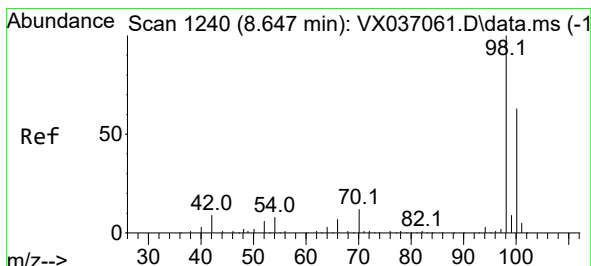
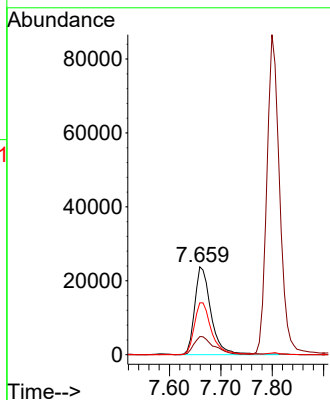
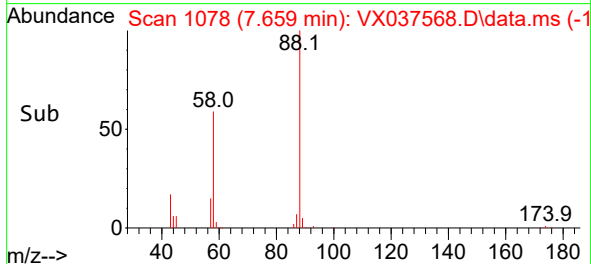
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 52328
Ion Ratio Lower Upper
88 100
43 25.5 0.0 0.0
58 62.2 60.1 90.1

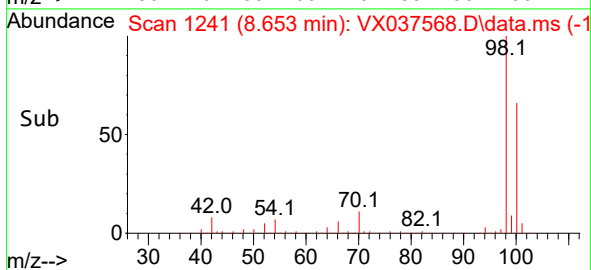
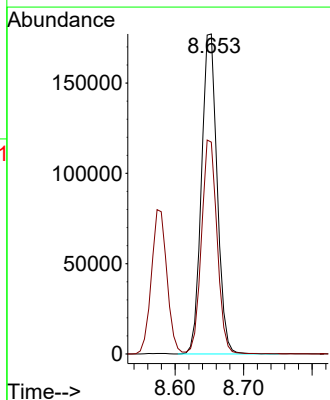
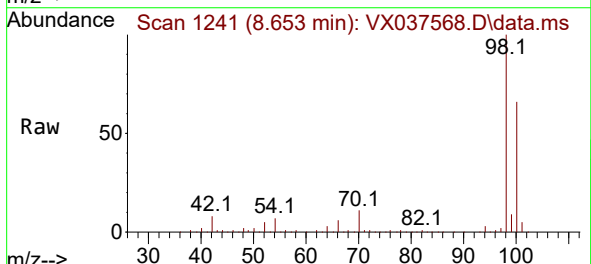
Manual Integrations
APPROVED

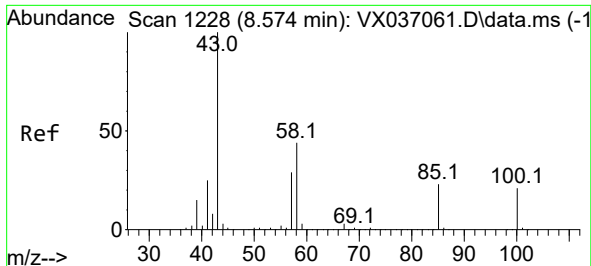
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#50
Toluene-d8
Concen: 54.744 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Tgt Ion: 98 Resp: 282420
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 287.933 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

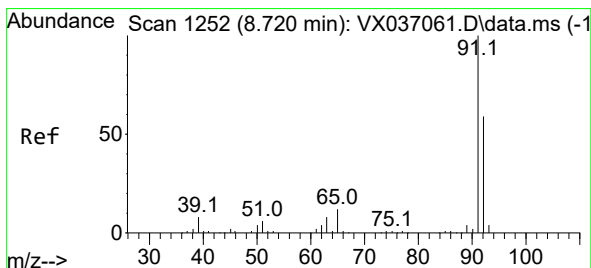
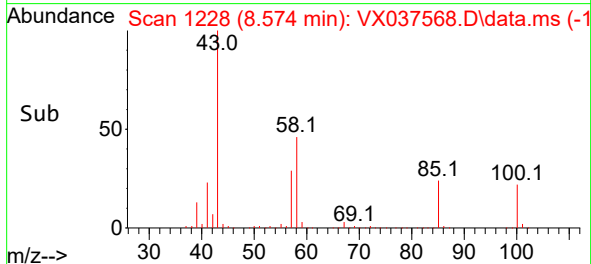
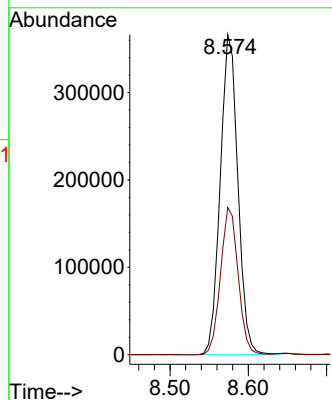
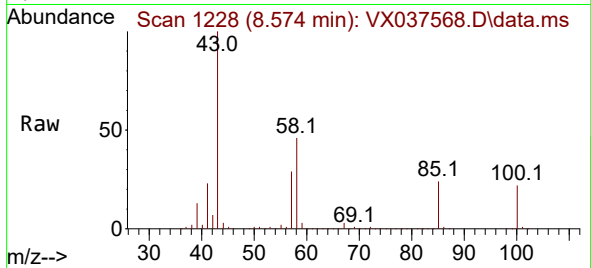
VSTDCCC050EC

Tgt Ion: 43 Resp: 57294
Ion Ratio Lower Upper
43 100
58 46.0 30.4 45.6

Manual Integrations

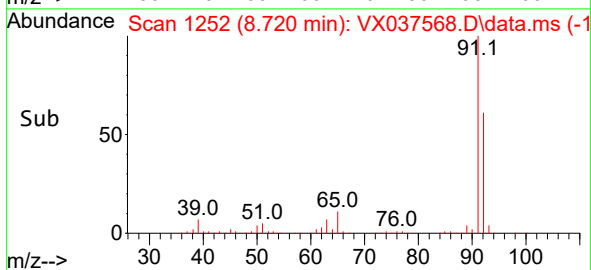
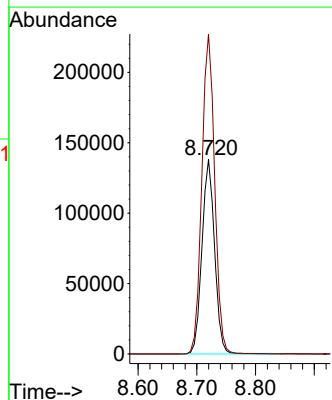
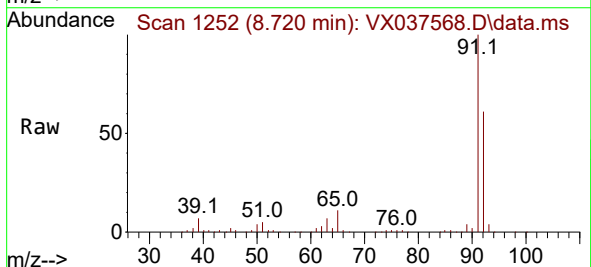
APPROVED

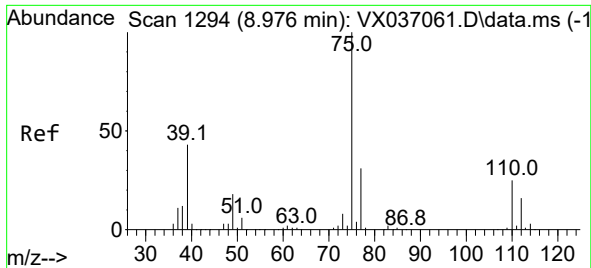
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#52
Toluene
Concen: 53.669 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Tgt Ion: 92 Resp: 205495
Ion Ratio Lower Upper
92 100
91 167.5 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 49.612 ug/l
RT: 8.982 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

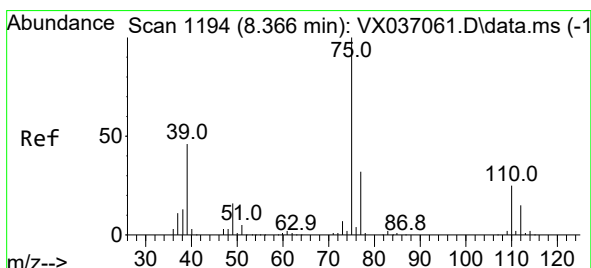
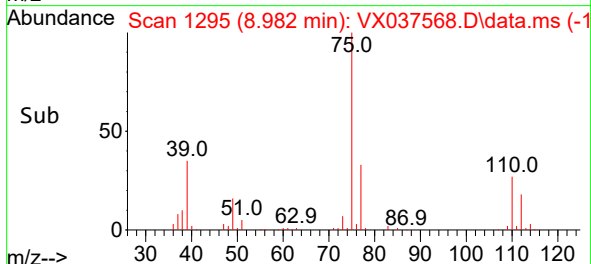
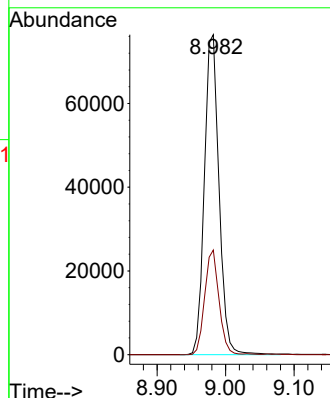
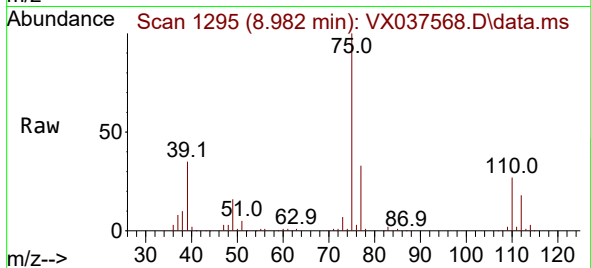
VSTDCCC050EC

Tgt Ion: 75 Resp: 11389
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5

Manual Integrations

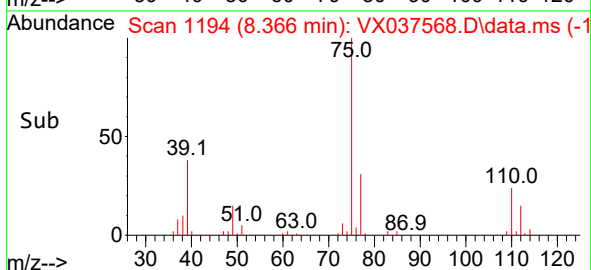
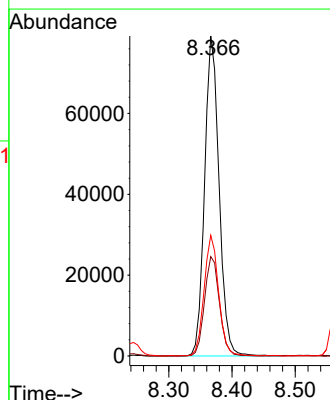
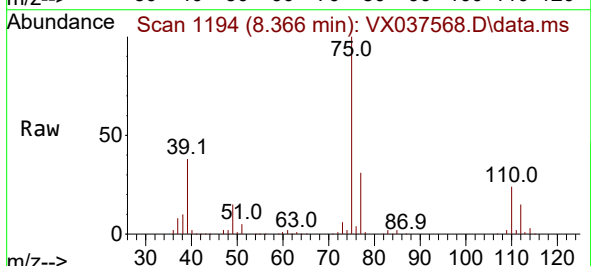
APPROVED

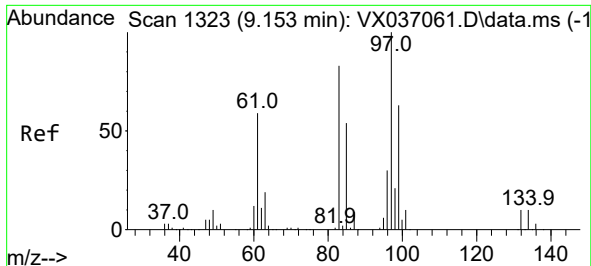
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#54
cis-1,3-Dichloropropene
Concen: 50.960 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

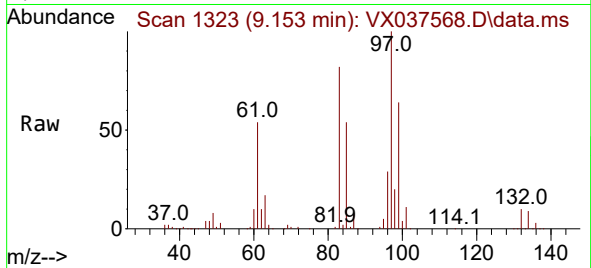
Tgt Ion: 75 Resp: 126422
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 37.6 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 59.088 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

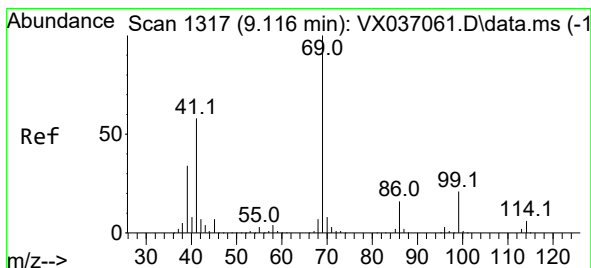
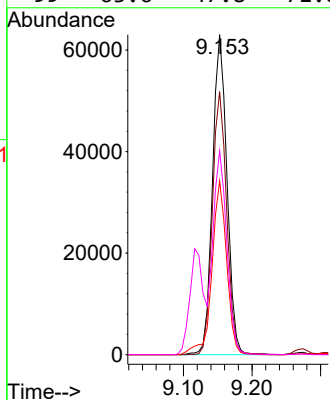
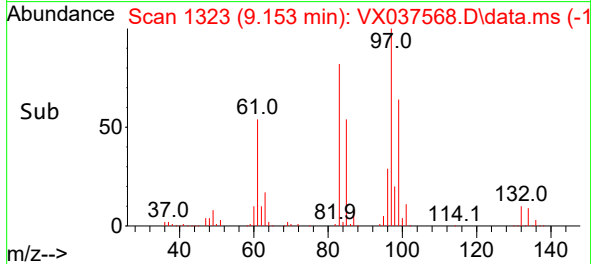
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



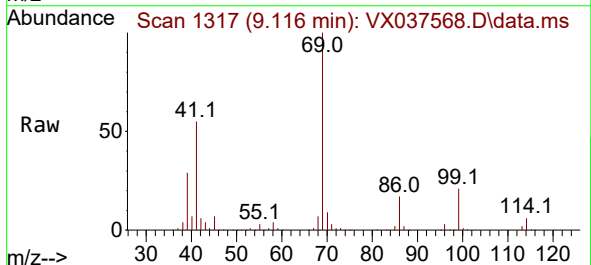
Tgt Ion:	97	Resp:	92120
Ion	Ratio	Lower	Upper
97	100		
83	82.2	65.8	98.8
85	54.3	41.6	62.4
99	63.6	47.8	71.8

Manual Integrations
APPROVED

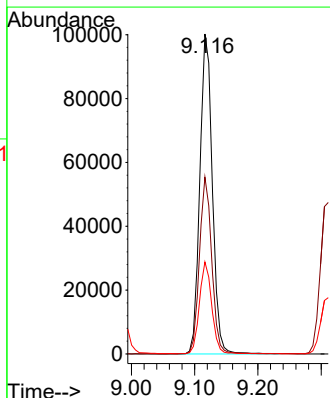
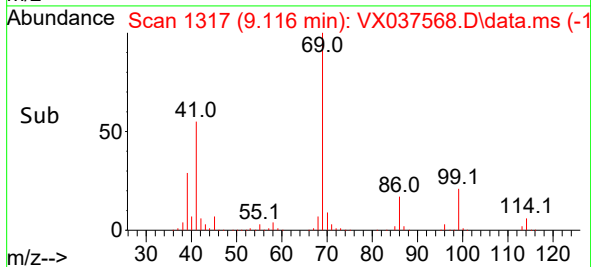
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023

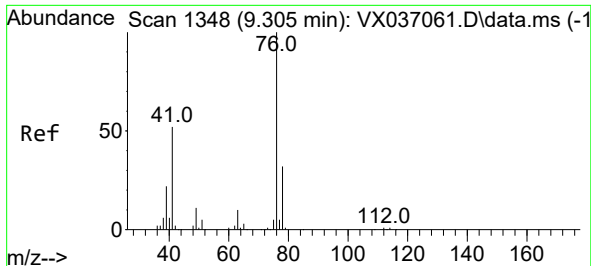


#56
Ethyl methacrylate
Concen: 56.582 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46



Tgt Ion:	69	Resp:	138182
Ion	Ratio	Lower	Upper
69	100		
41	54.7	56.8	85.2#
39	28.0	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 56.576 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 148700

Ion Ratio Lower Upper

76 100

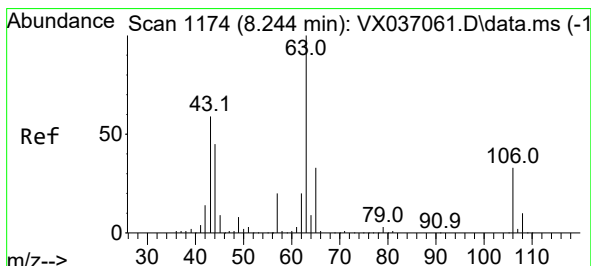
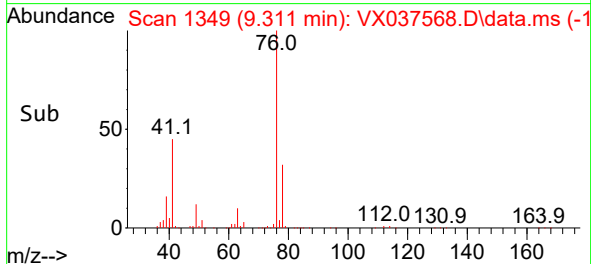
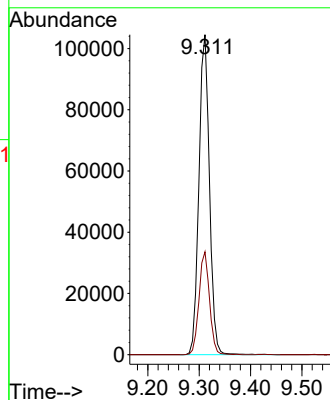
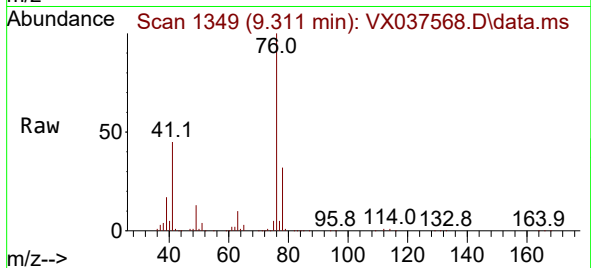
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 259.602 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX037568.D

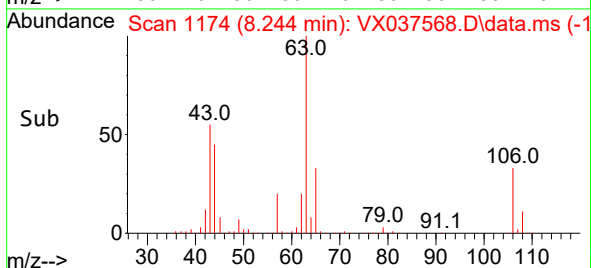
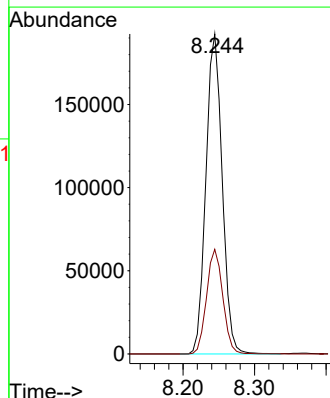
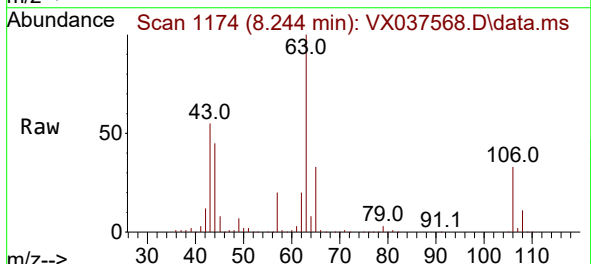
Acq: 06 Sep 2023 20:46

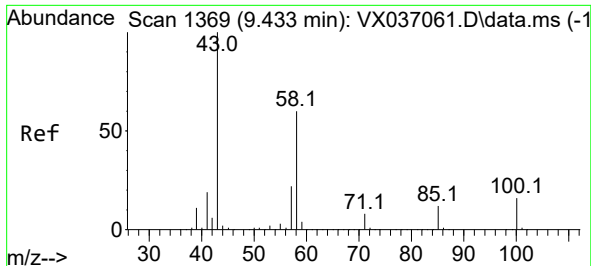
Tgt Ion: 63 Resp: 304245

Ion Ratio Lower Upper

63 100

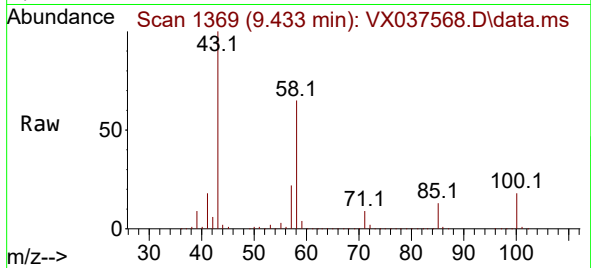
106 32.6 22.5 33.7





#59
2-Hexanone
Concen: 289.083 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

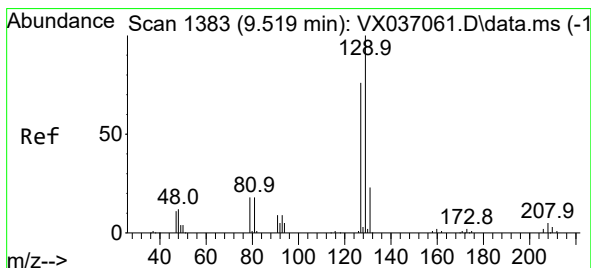
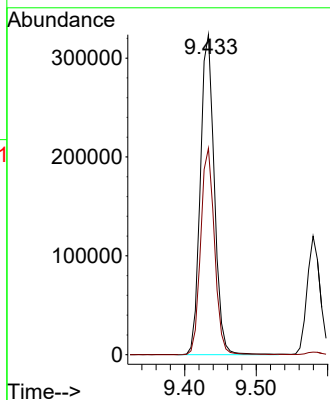
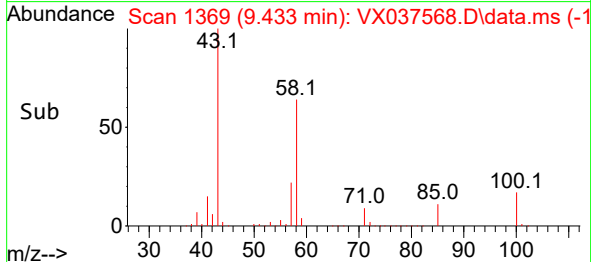
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 438599
Ion Ratio Lower Upper
43 100
58 63.9 26.2 78.5

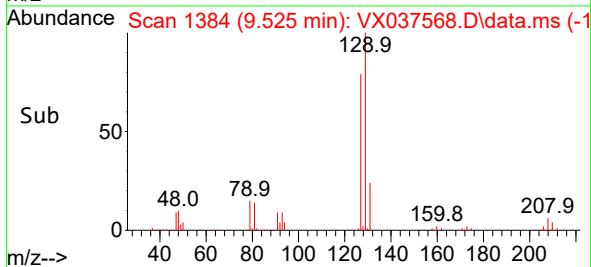
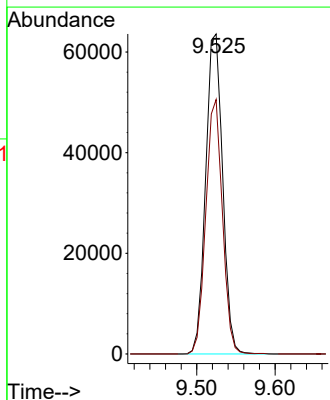
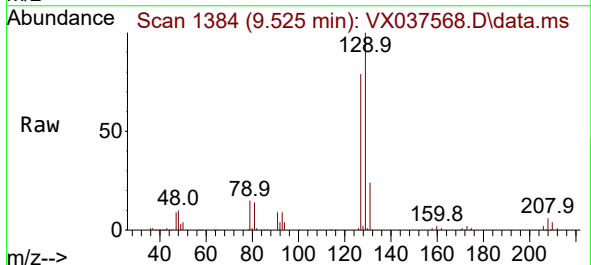
Manual Integrations
APPROVED

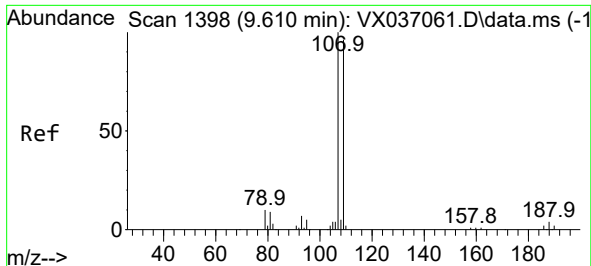
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#60
Dibromochloromethane
Concen: 57.515 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

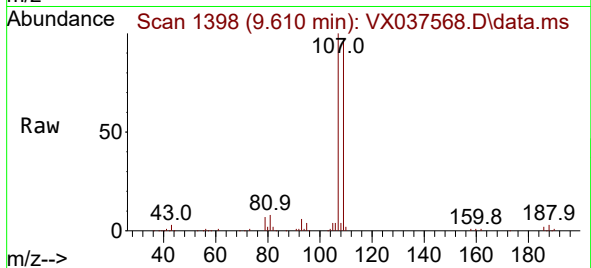
Tgt Ion:129 Resp: 95474
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.969 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

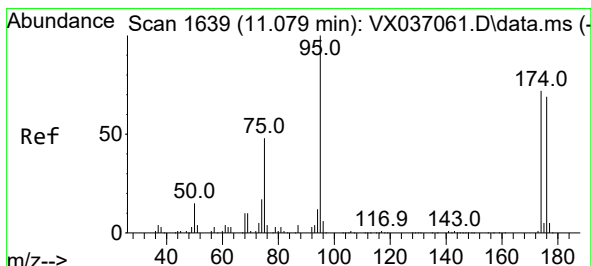
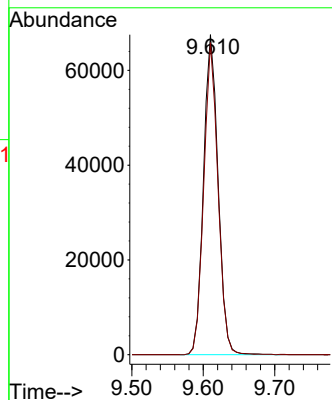
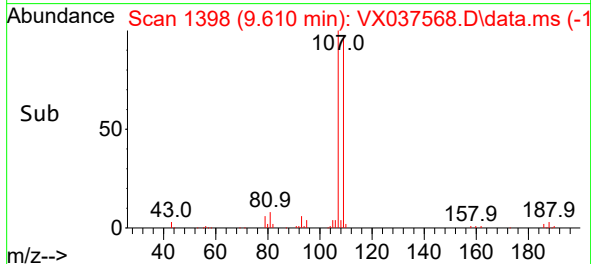
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



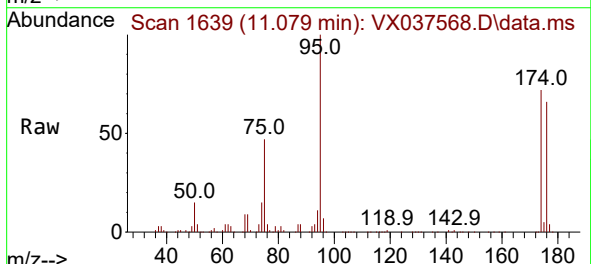
Tgt Ion:107 Resp: 95542
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8

Manual Integrations
APPROVED

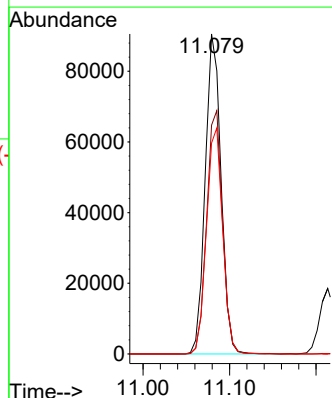
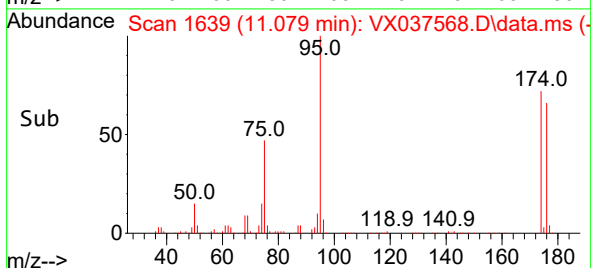
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023

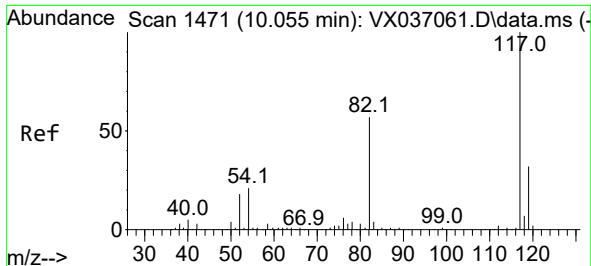


#62
4-Bromofluorobenzene
Concen: 56.673 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46



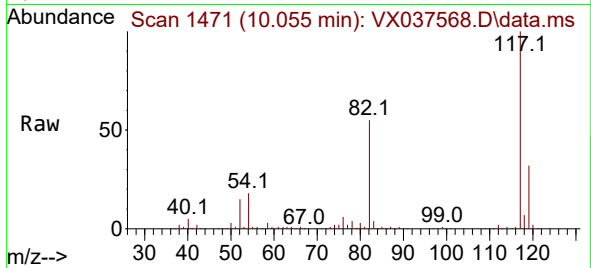
Tgt Ion: 95 Resp: 114899
Ion Ratio Lower Upper
95 100
174 76.5 0.0 135.6
176 72.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

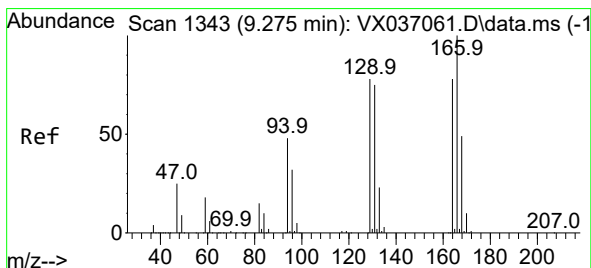
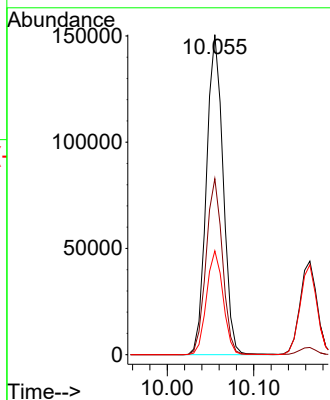
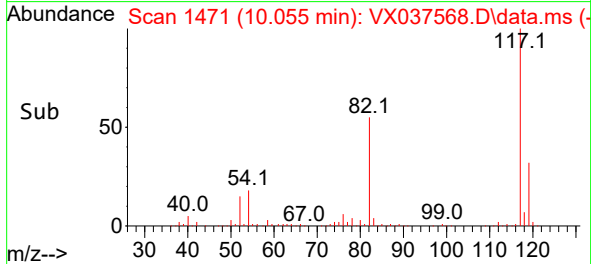
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 20130
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.4 25.5 38.3

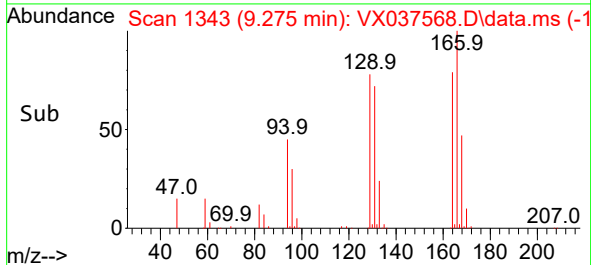
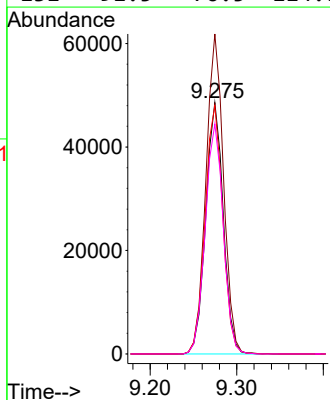
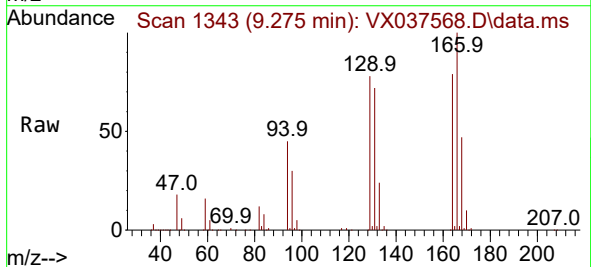
Manual Integrations
APPROVED

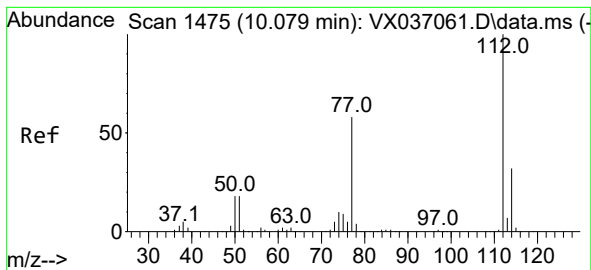
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#64
Tetrachloroethene
Concen: 46.626 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

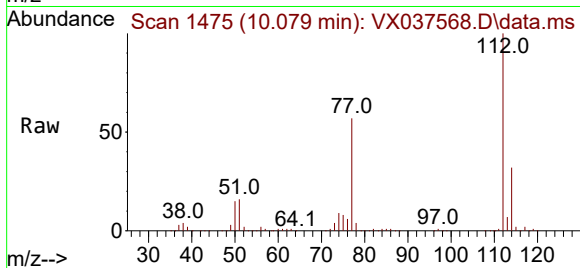
Tgt Ion:164 Resp: 68471
Ion Ratio Lower Upper
164 100
166 127.3 102.7 154.1
129 98.8 80.4 120.6
131 91.5 76.5 114.7





#65
Chlorobenzene
Concen: 53.133 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

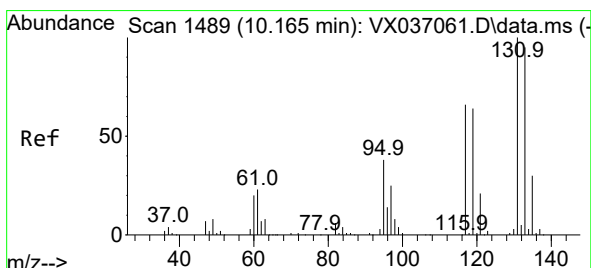
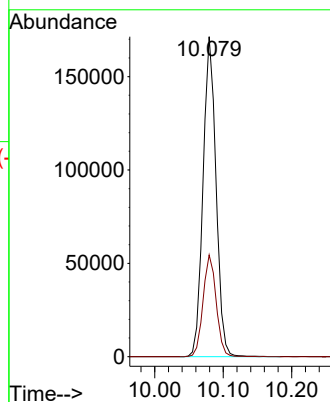
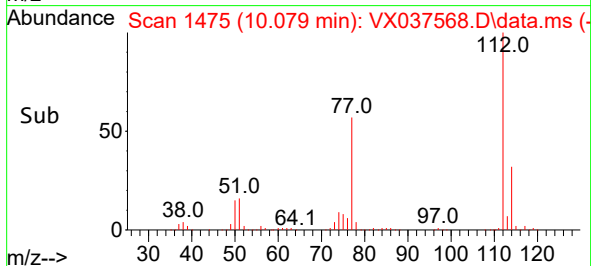
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



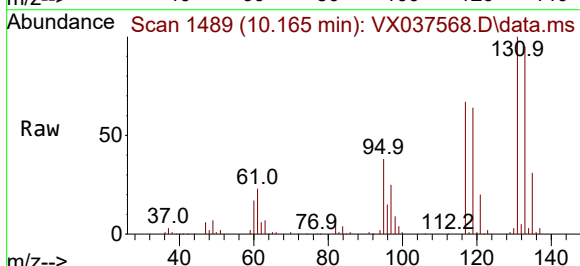
Tgt Ion:112 Resp: 226059
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

Manual Integrations
APPROVED

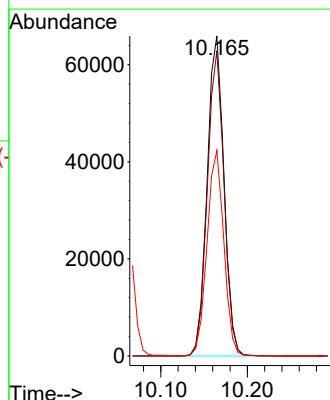
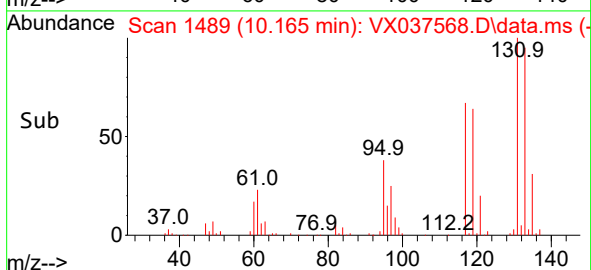
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023

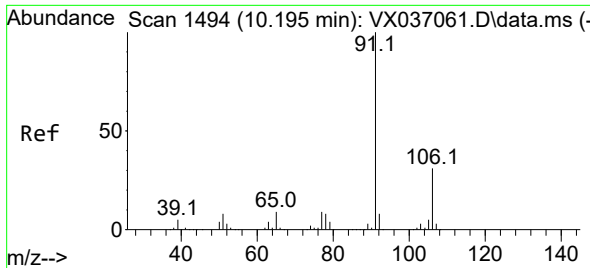


#66
1,1,1,2-Tetrachloroethane
Concen: 56.741 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46



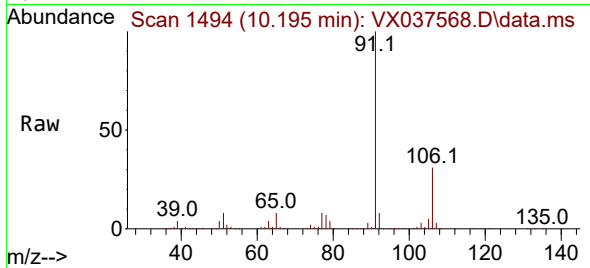
Tgt Ion:131 Resp: 89099
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.4
119 64.1 32.2 96.6





#67
Ethyl Benzene
Concen: 52.508 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

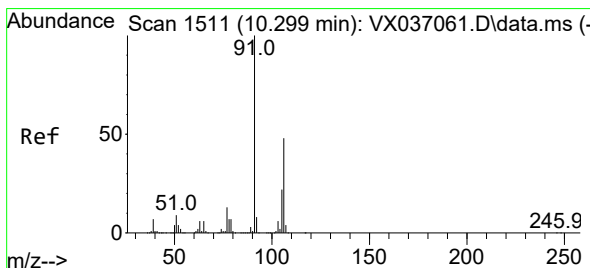
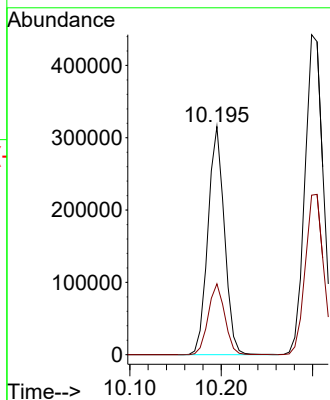
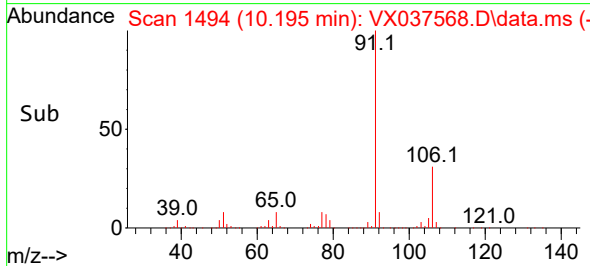
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



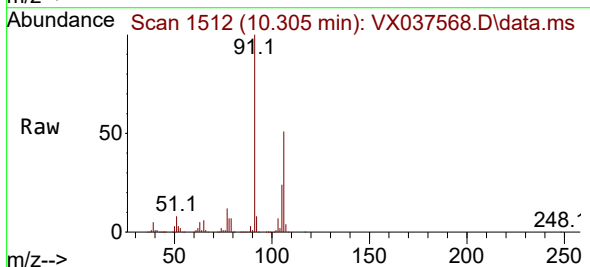
Tgt Ion: 91 Resp: 393102
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

Manual Integrations
APPROVED

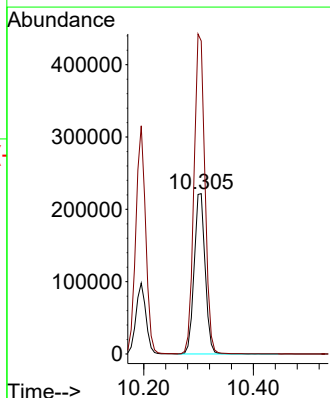
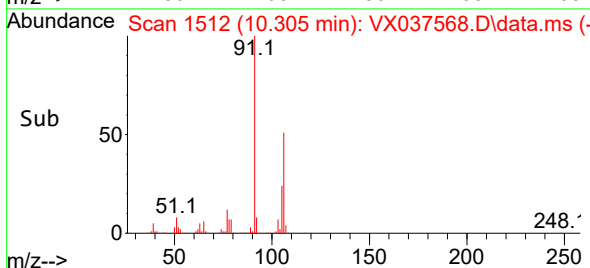
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023

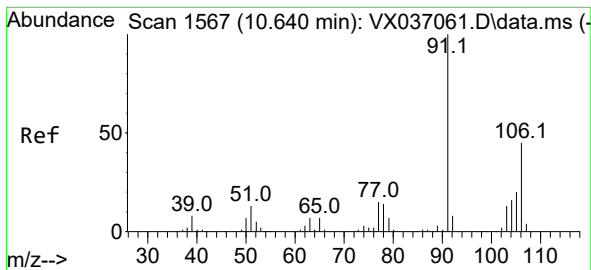


#68
m/p-Xylenes
Concen: 107.031 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46



Tgt Ion:106 Resp: 309438
Ion Ratio Lower Upper
106 100
91 198.8 165.5 248.3





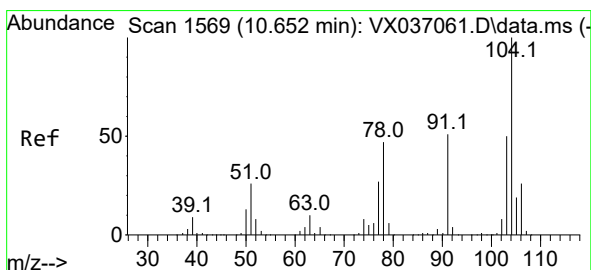
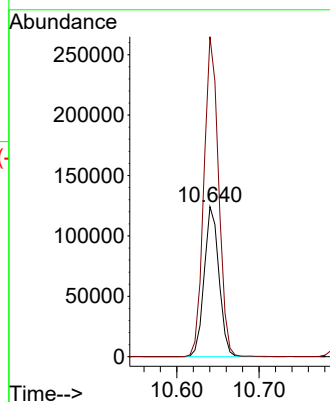
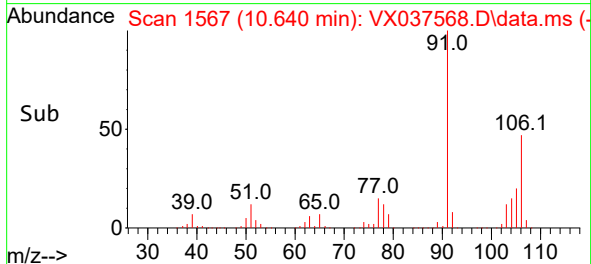
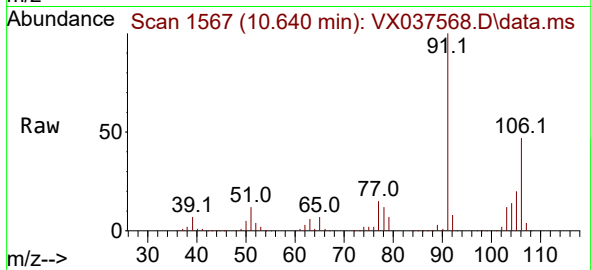
#69
o-Xylene
Concen: 54.430 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 155250
Ion Ratio Lower Upper
106 100
91 212.9 108.9 326.8

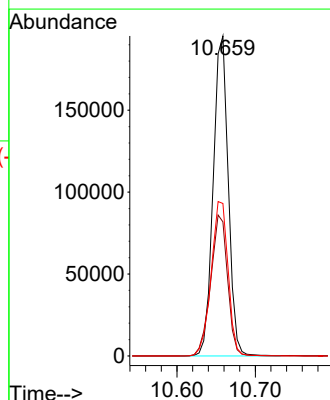
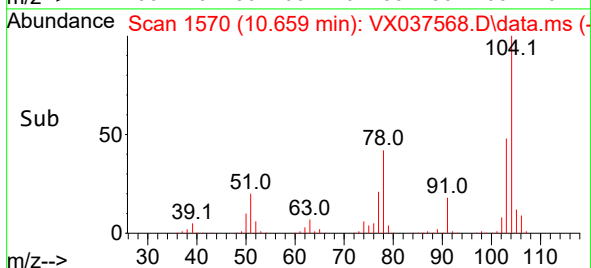
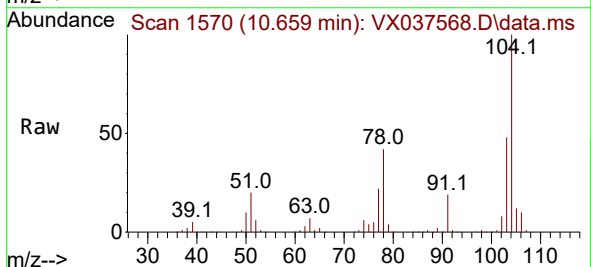
Manual Integrations
APPROVED

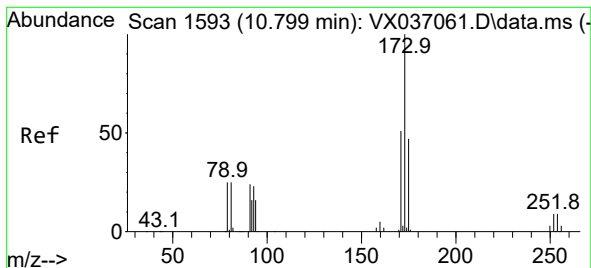
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#70
Styrene
Concen: 55.534 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

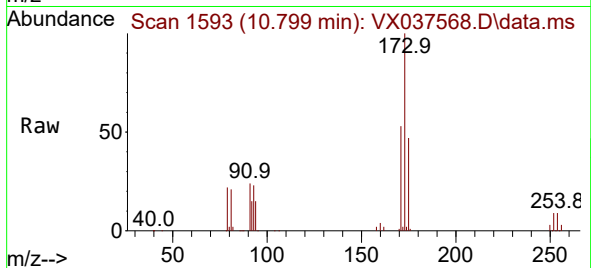
Tgt Ion:104 Resp: 260930
Ion Ratio Lower Upper
104 100
78 49.2 43.6 65.4
103 54.3 43.6 65.4





#71
Bromoform
Concen: 59.429 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

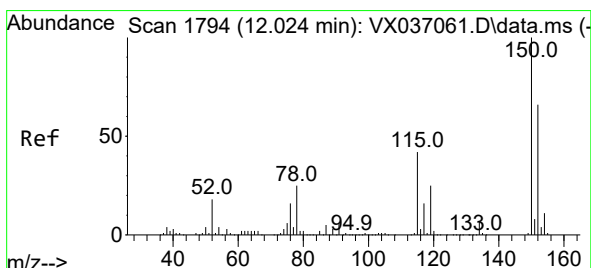
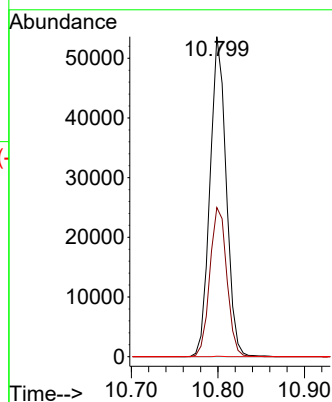
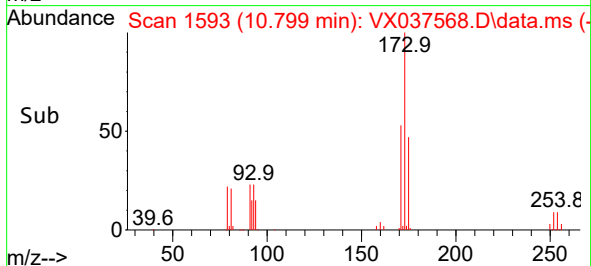
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 6980
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.4
254 0.1 0.0 0.0

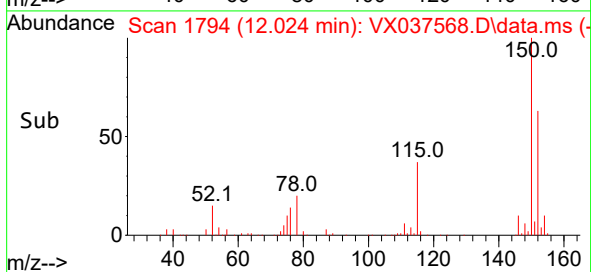
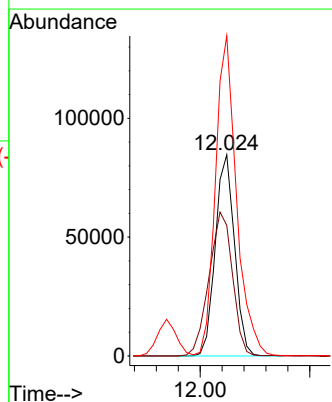
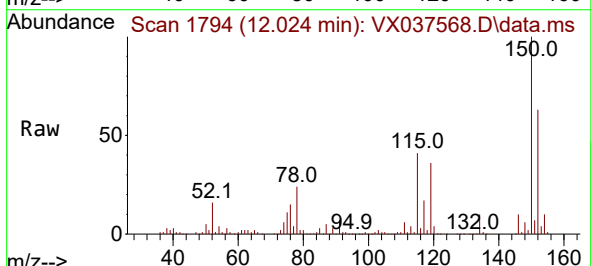
Manual Integrations
APPROVED

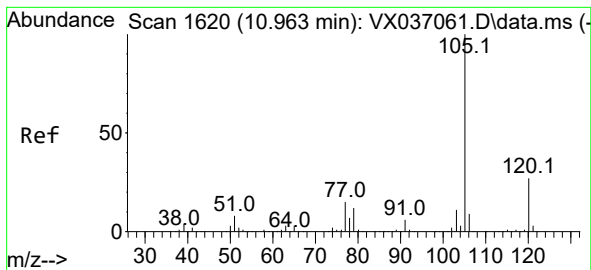
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Tgt Ion:152 Resp: 103249
Ion Ratio Lower Upper
152 100
115 87.5 43.3 129.9
150 173.7 0.0 345.0





#73

Isopropylbenzene

Concen: 53.768 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 403508

Ion Ratio Lower Upper

105 100

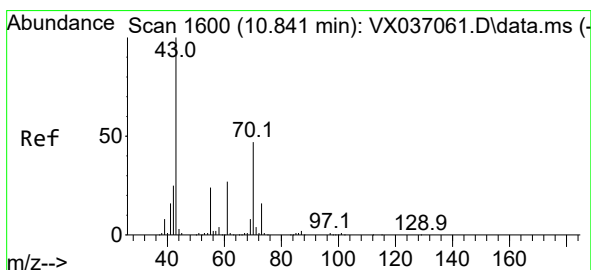
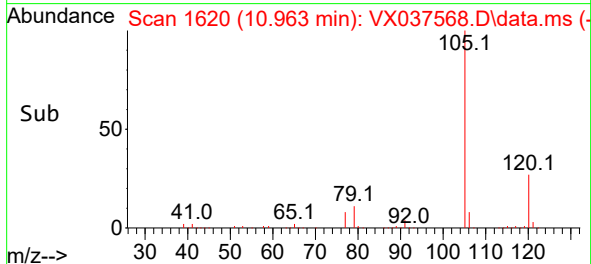
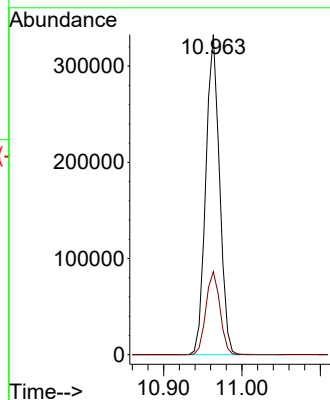
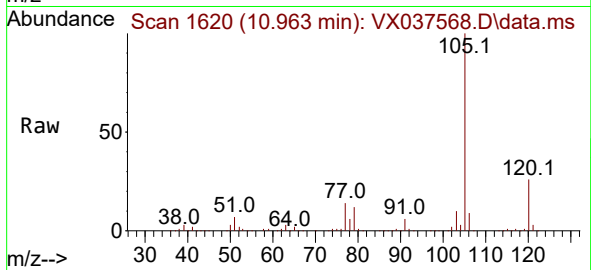
120 26.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#74

N-ethyl acetate

Concen: 52.037 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Tgt Ion: 43 Resp: 151742

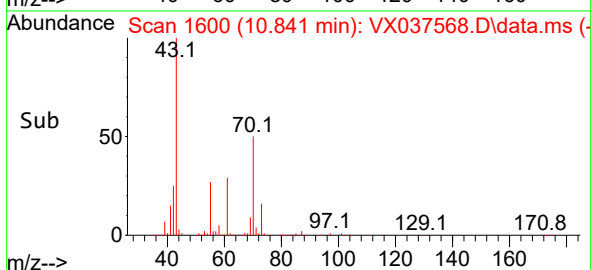
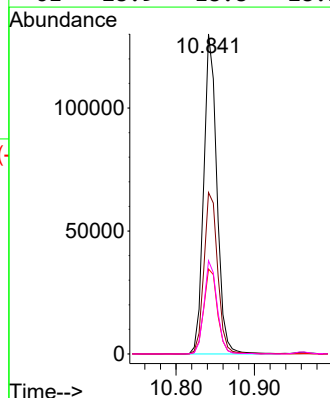
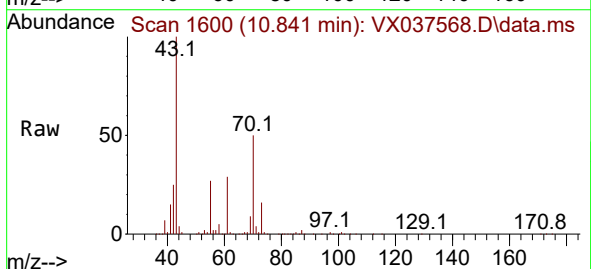
Ion Ratio Lower Upper

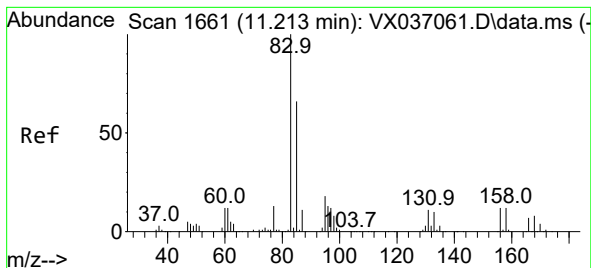
43 100

70 53.0 32.9 49.3#

55 27.7 19.3 28.9

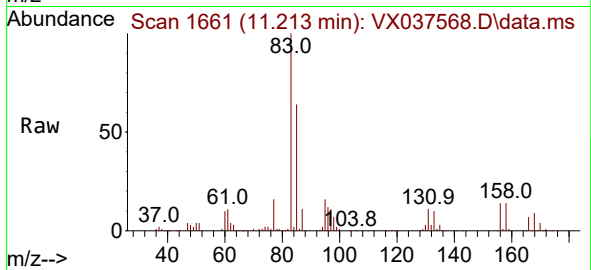
61 28.9 18.8 28.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 58.620 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

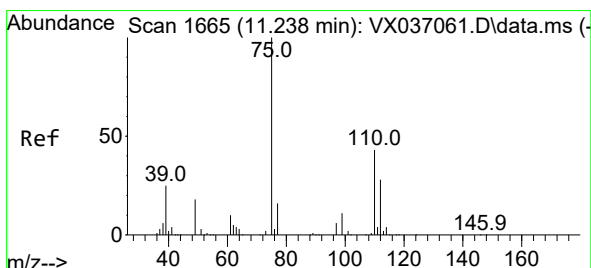
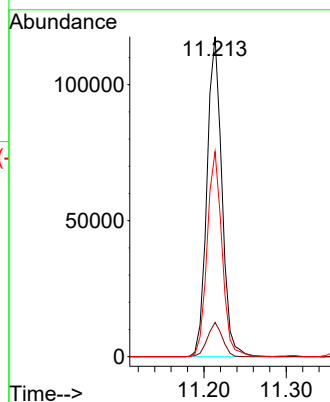
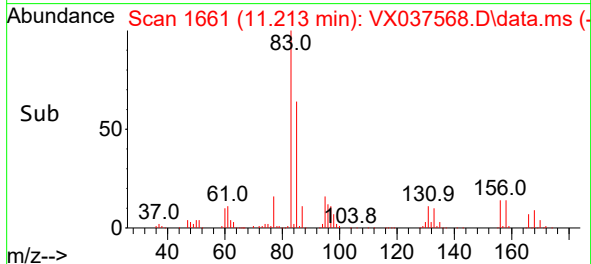
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



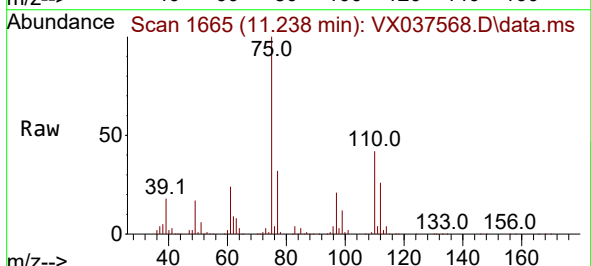
Tgt Ion: 83 Resp: 14815
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.8
85 64.1 32.0 96.2

Manual Integrations
APPROVED

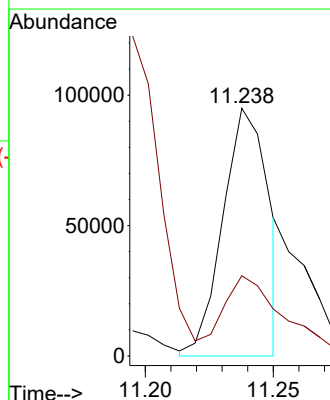
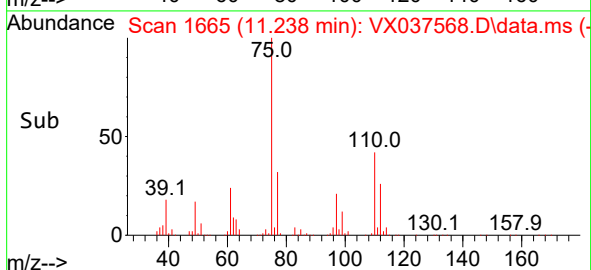
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023

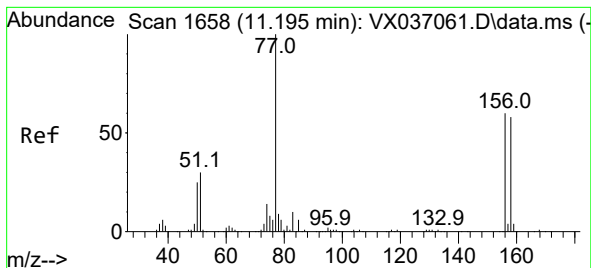


#76
1,2,3-Trichloropropane
Concen: 53.774 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46



Tgt Ion: 75 Resp: 118241
Ion Ratio Lower Upper
75 100
77 43.2 19.1 57.5





#77

Bromobenzene

Concen: 54.538 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

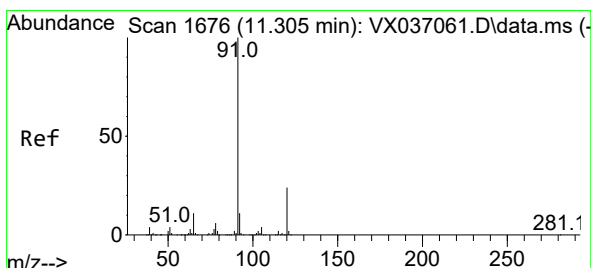
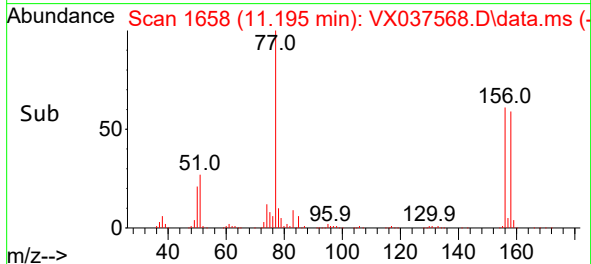
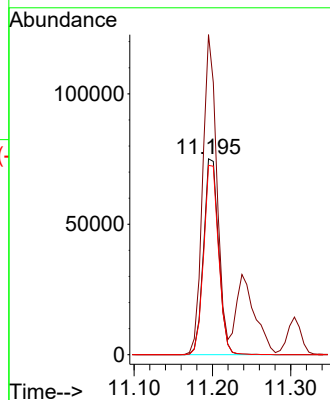
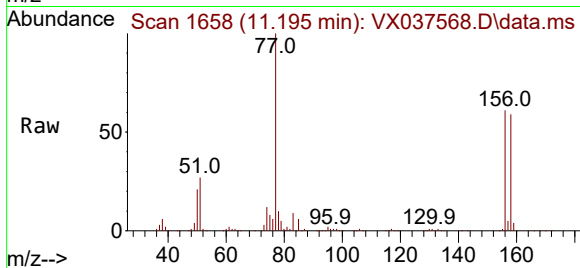
Tgt Ion:	156	Resp:	9995
Ion Ratio	Lower	Upper	
156	100		
77	154.2	88.4	265.3
158	96.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#78

n-propylbenzene

Concen: 53.126 ug/l

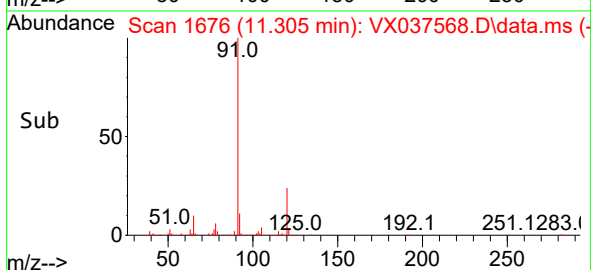
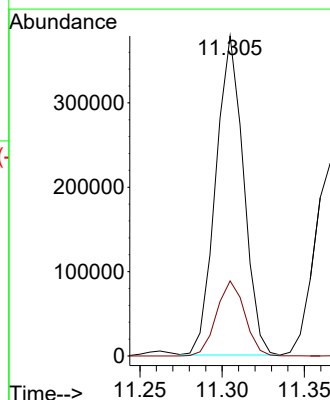
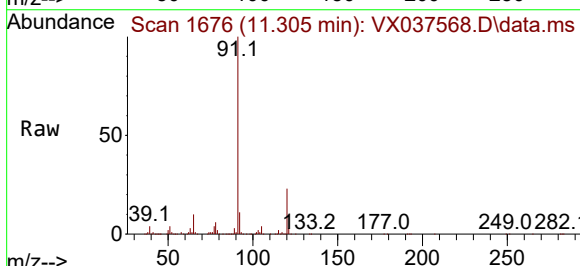
RT: 11.305 min Scan# 1676

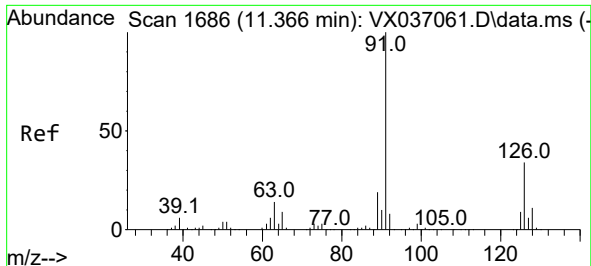
Delta R.T. -0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Tgt Ion:	91	Resp:	443947
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.5	34.4





#79

2-Chlorotoluene

Concen: 52.846 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 282208

Ion Ratio Lower Upper

91 100

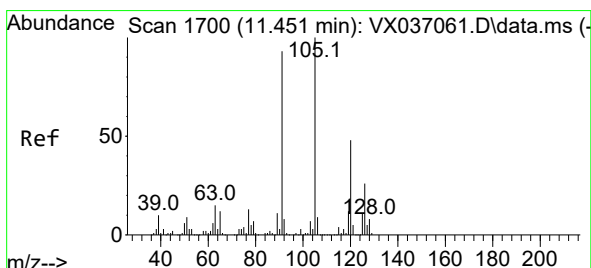
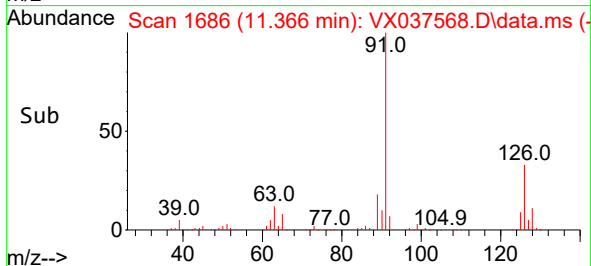
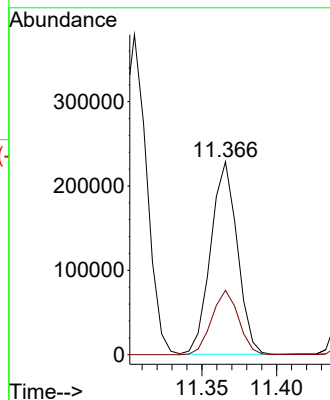
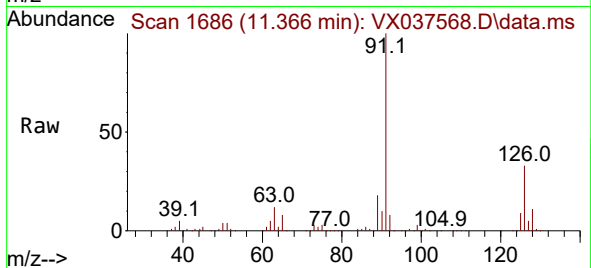
126 33.7 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#80

1,3,5-Trimethylbenzene

Concen: 54.888 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037568.D

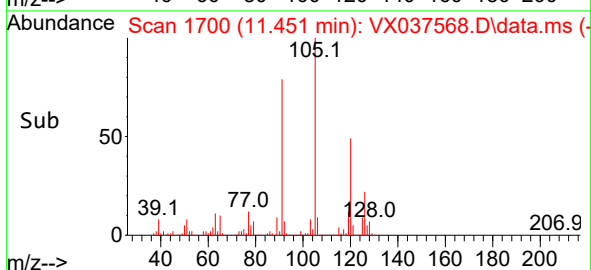
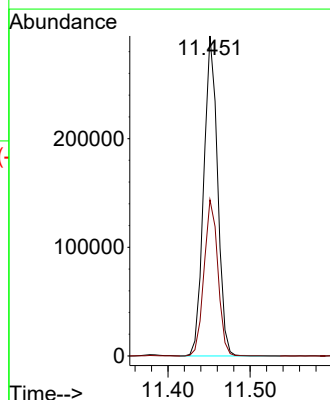
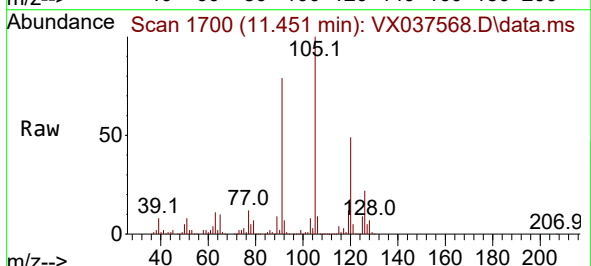
Acq: 06 Sep 2023 20:46

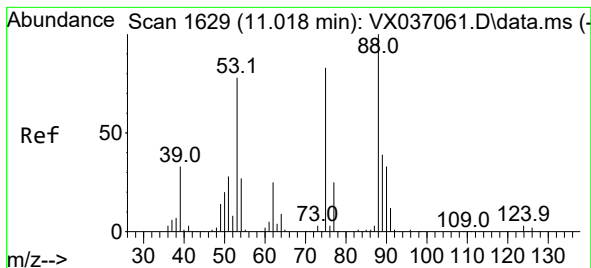
Tgt Ion:105 Resp: 343609

Ion Ratio Lower Upper

105 100

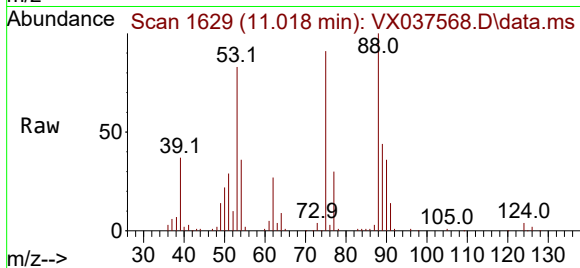
120 48.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.182 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

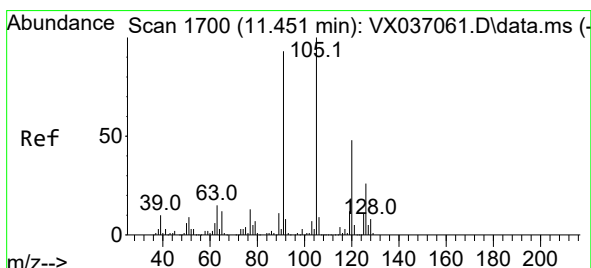
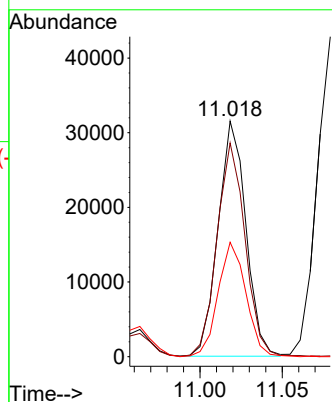
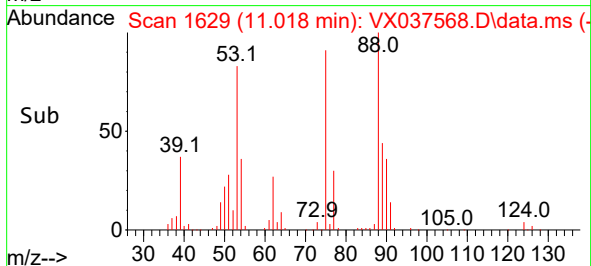
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 37145
Ion Ratio Lower Upper
75 100
53 91.3 90.5 135.7
89 48.7 36.9 55.3

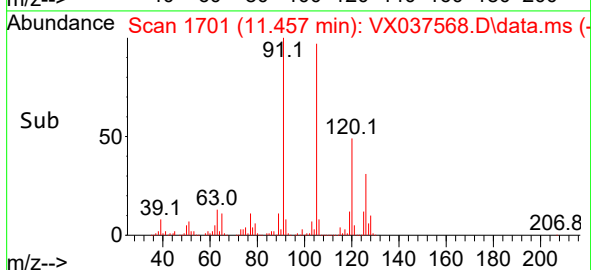
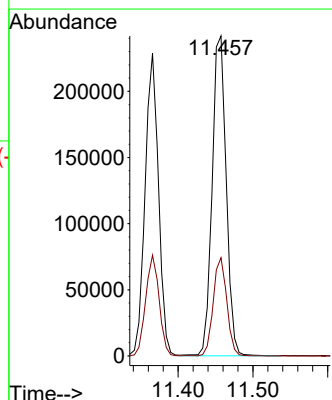
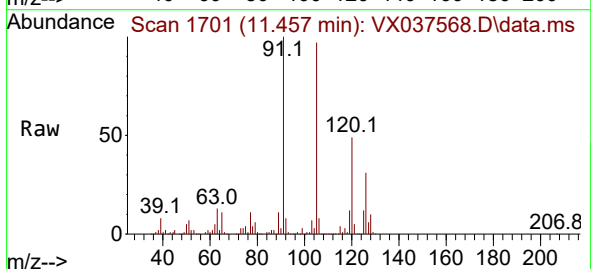
Manual Integrations
APPROVED

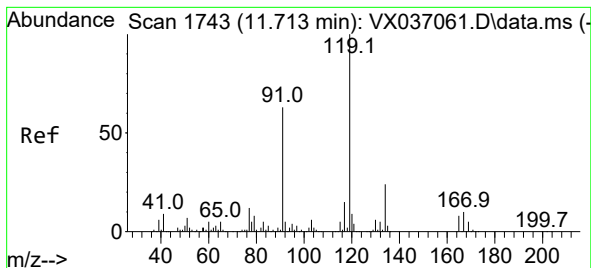
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#82
4-Chlorotoluene
Concen: 51.398 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Tgt Ion: 91 Resp: 316837
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 59.182 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

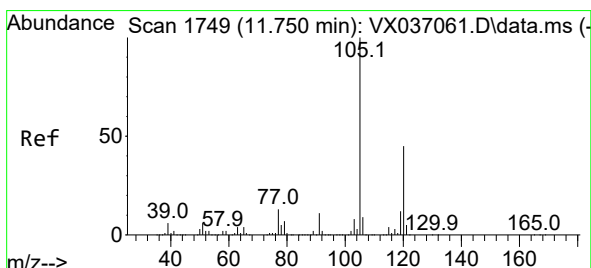
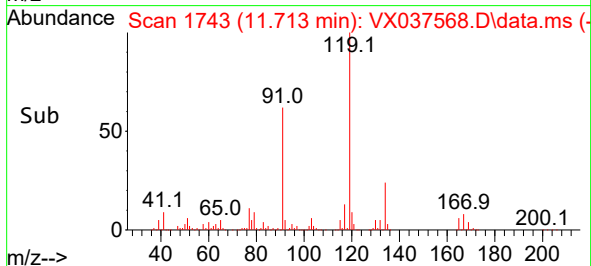
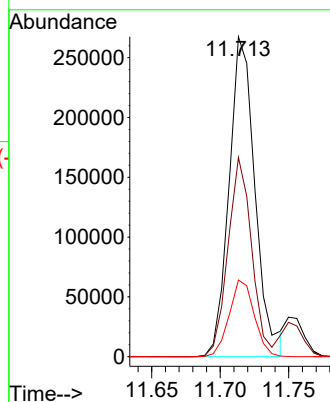
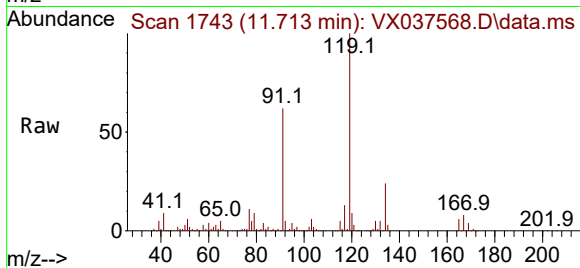
Tgt Ion:	119	Resp:	353330
Ion	Ratio	Lower	Upper
119	100		
91	56.9	31.2	93.6
134	23.2	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#84

1,2,4-Trimethylbenzene

Concen: 54.128 ug/l

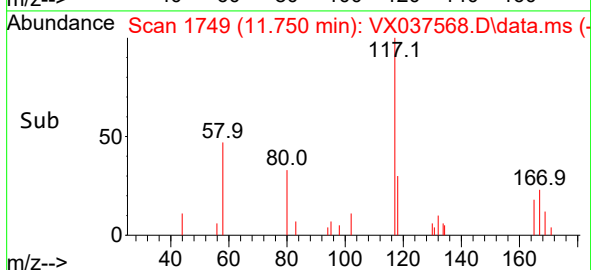
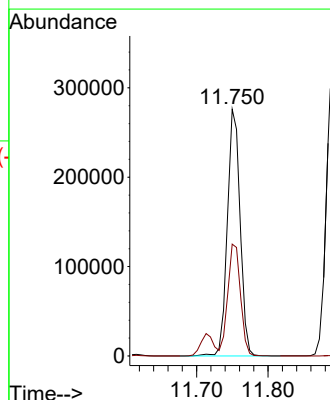
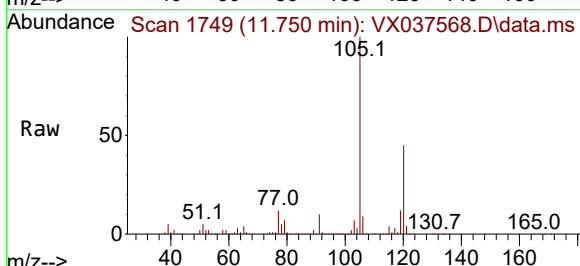
RT: 11.750 min Scan# 1749

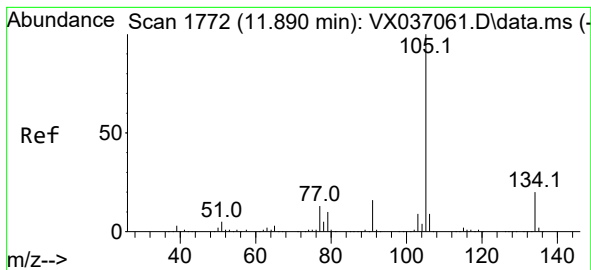
Delta R.T. 0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

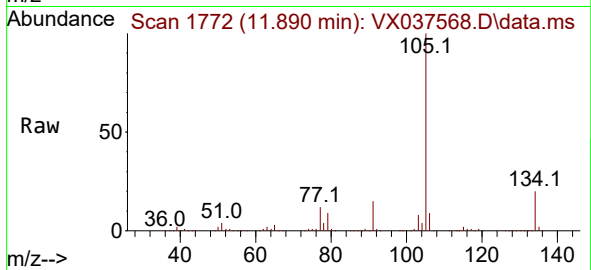
Tgt Ion:	105	Resp:	342463
Ion	Ratio	Lower	Upper
105	100		
120	45.3	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 60.725 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037568.D
 Acq: 06 Sep 2023 20:46

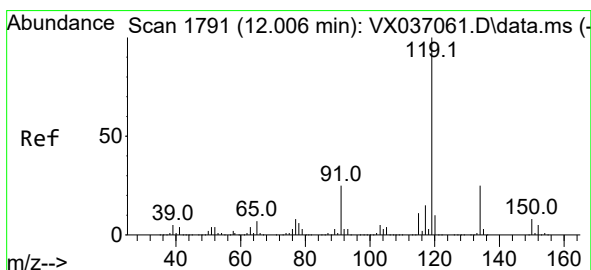
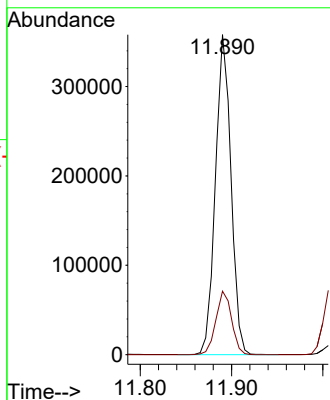
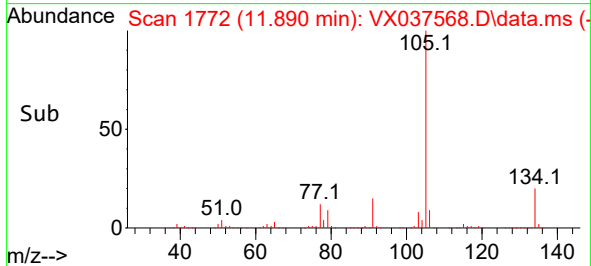
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



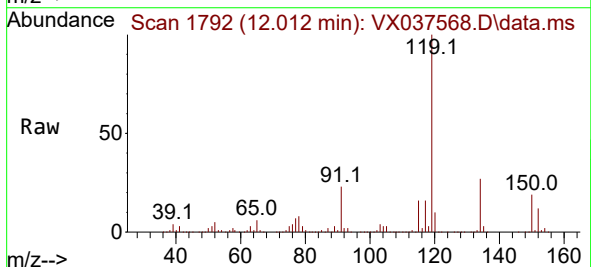
Tgt Ion:105 Resp: 423469
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations
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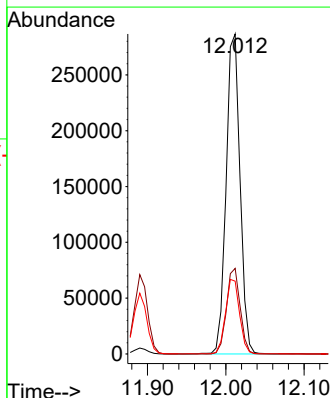
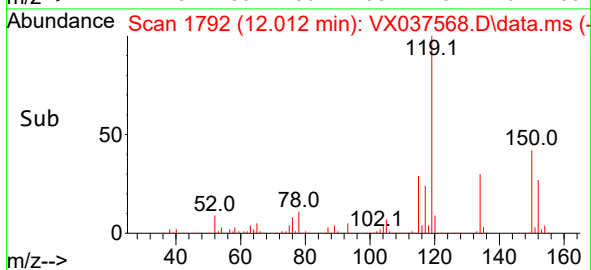
Reviewed By :John Carlone 09/07/2023
 Supervised By :Mahesh Dadoda 09/07/2023

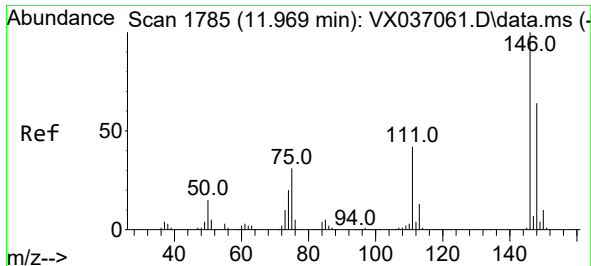


#86
 p-Isopropyltoluene
 Concen: 58.973 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX037568.D
 Acq: 06 Sep 2023 20:46



Tgt Ion:119 Resp: 354030
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 23.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.036 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037568.D

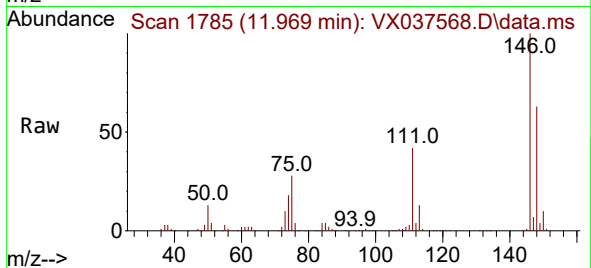
Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



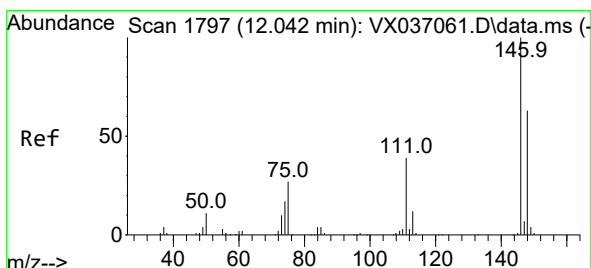
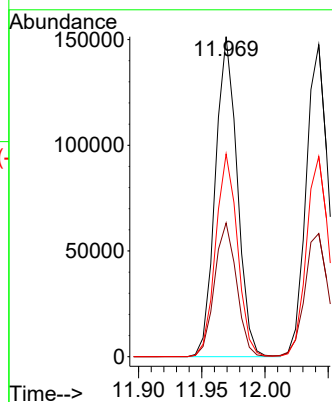
Tgt Ion:146	Resp: 18199
Ion Ratio	Lower Upper
146	100
111	42.2 22.1 66.1
148	63.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#88

1,4-Dichlorobenzene

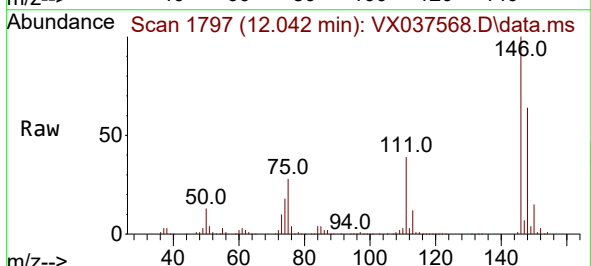
Concen: 50.651 ug/l

RT: 12.042 min Scan# 1797

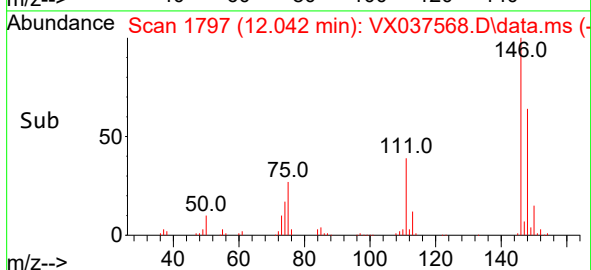
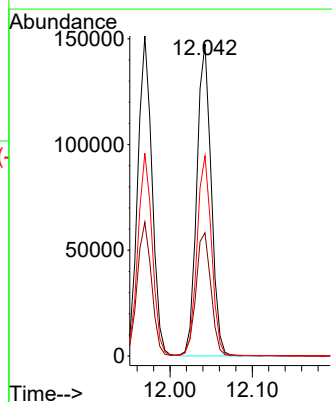
Delta R.T. -0.000 min

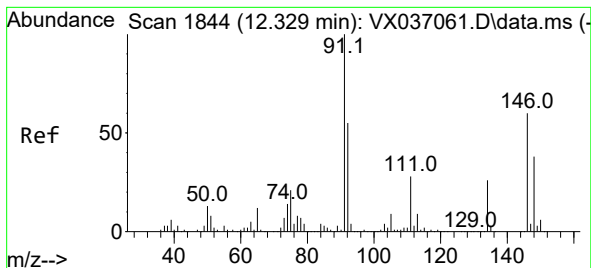
Lab File: VX037568.D

Acq: 06 Sep 2023 20:46



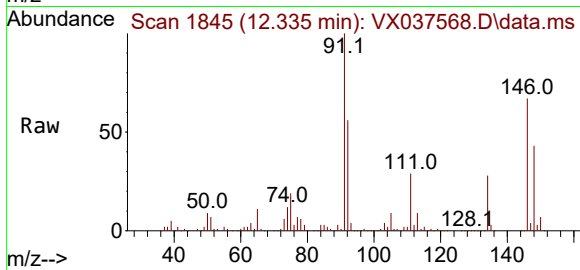
Tgt Ion:146	Resp: 179571
Ion Ratio	Lower Upper
146	100
111	41.2 21.3 63.7
148	64.6 31.8 95.4





#89
n-Butylbenzene
Concen: 57.094 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

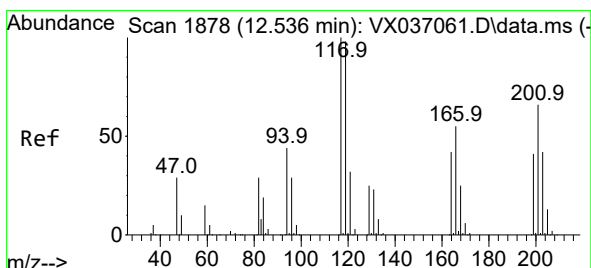
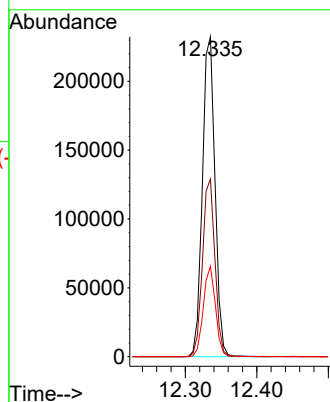
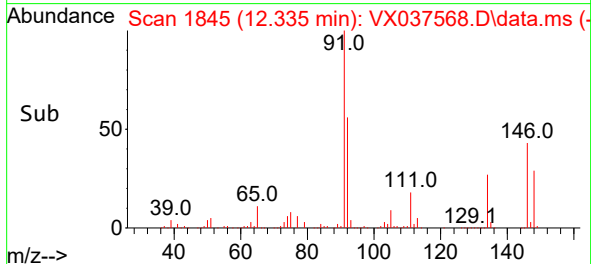
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 284164
Ion Ratio Lower Upper
91 100
92 55.0 27.4 82.0
134 27.2 12.6 37.8

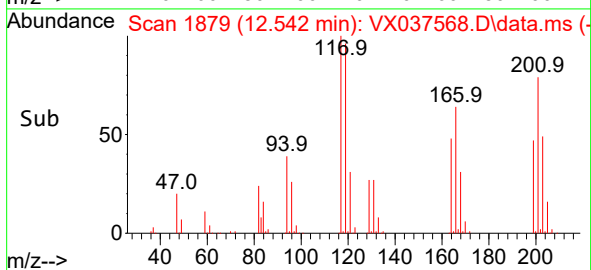
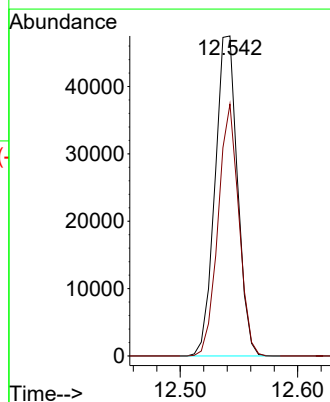
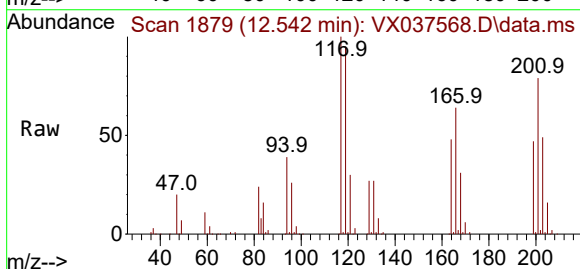
Manual Integrations
APPROVED

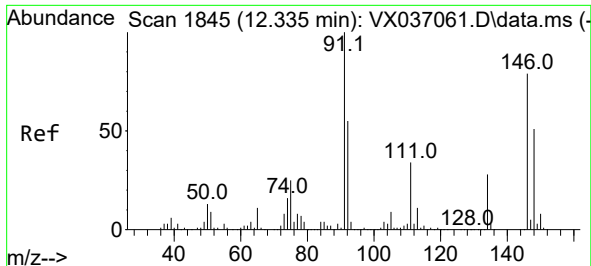
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#90
Hexachloroethane
Concen: 63.127 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

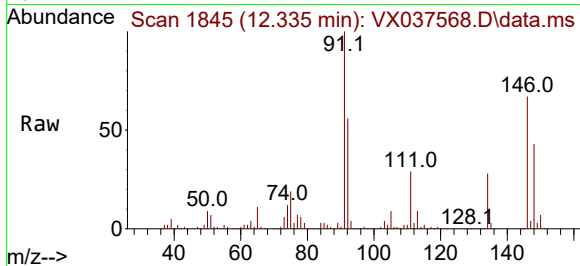
Tgt Ion:117 Resp: 63253
Ion Ratio Lower Upper
117 100
201 72.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 55.356 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

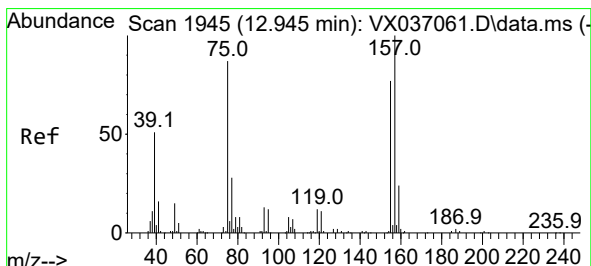
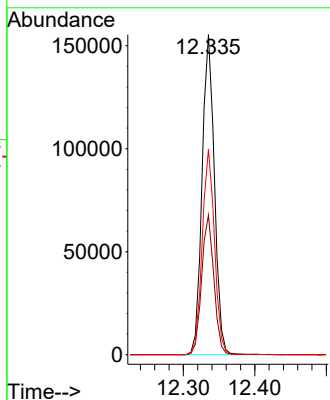
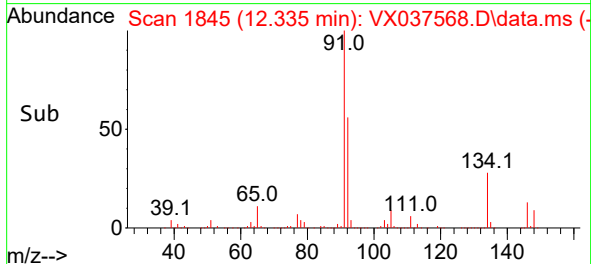
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 186000
Ion Ratio Lower Upper
146 100
111 43.2 22.4 67.0
148 64.0 31.6 95.0

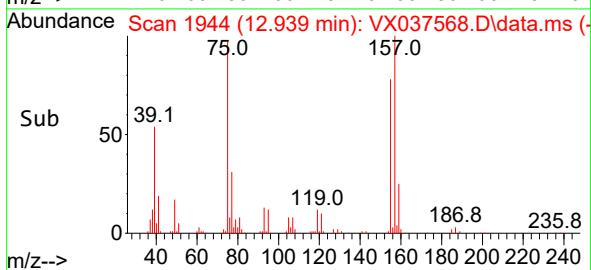
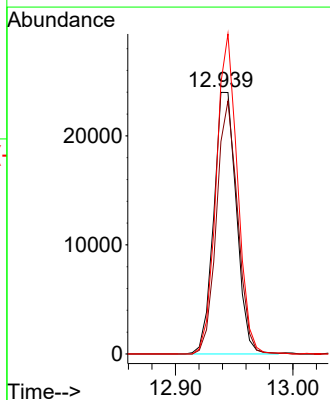
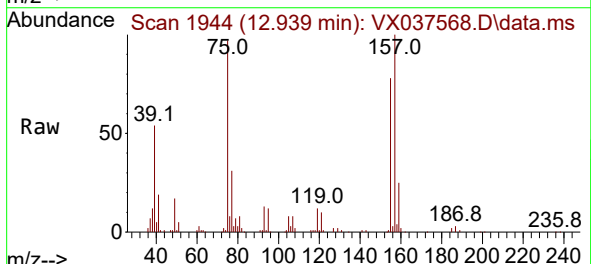
Manual Integrations
APPROVED

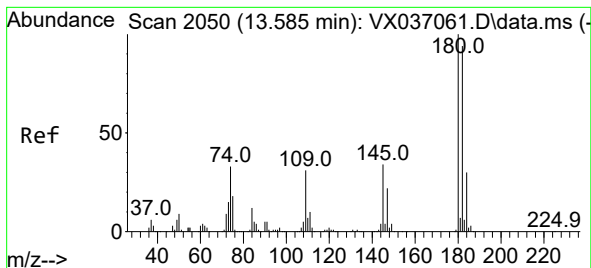
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.659 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX037568.D
Acq: 06 Sep 2023 20:46

Tgt Ion: 75 Resp: 32099
Ion Ratio Lower Upper
75 100
155 90.5 36.1 108.5
157 114.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.168 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

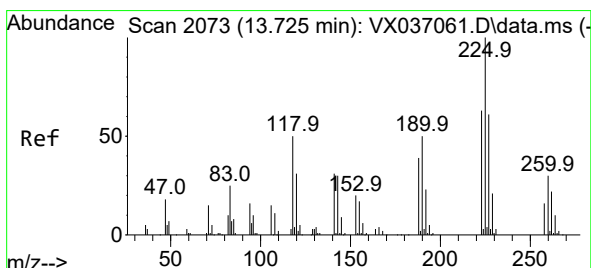
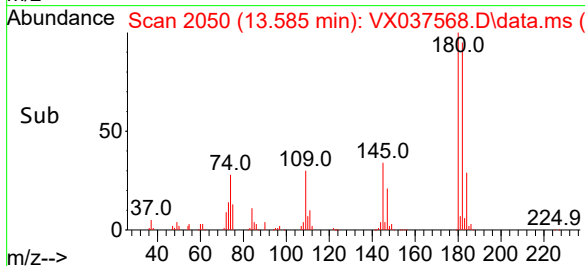
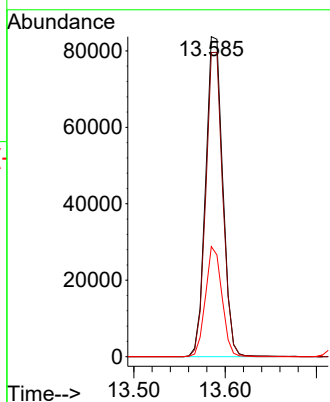
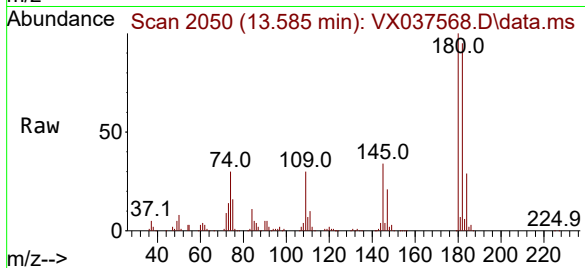
Tgt Ion:180	Resp: 10846
Ion Ratio	Lower Upper
180 100	
182 94.5	48.3 144.8
145 33.1	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#94

Hexachlorobutadiene

Concen: 62.379 ug/l

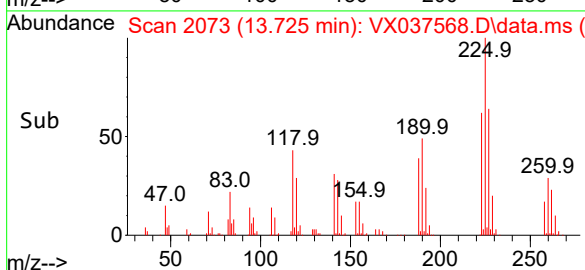
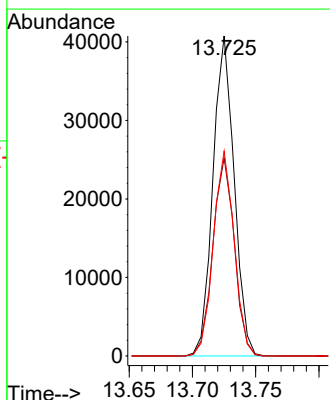
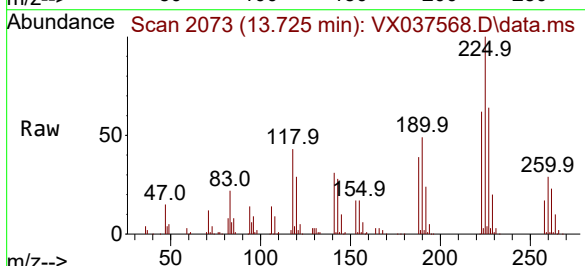
RT: 13.725 min Scan# 2073

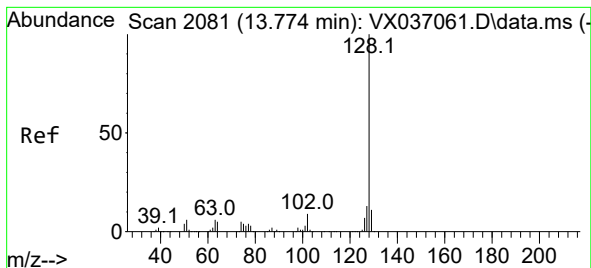
Delta R.T. -0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Tgt Ion:225	Resp: 47380
Ion Ratio	Lower Upper
225 100	
223 62.5	31.1 93.2
227 63.2	32.5 97.5





#95

Naphthalene

Concen: 48.212 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

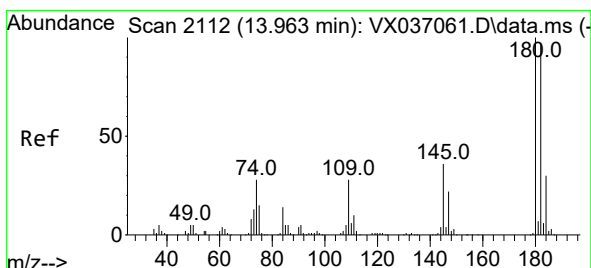
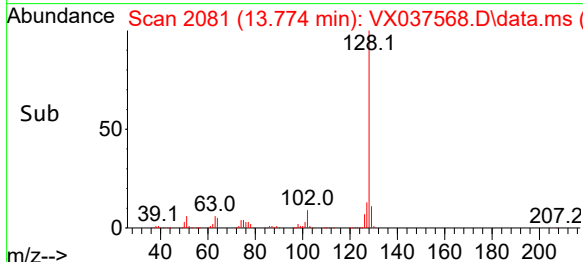
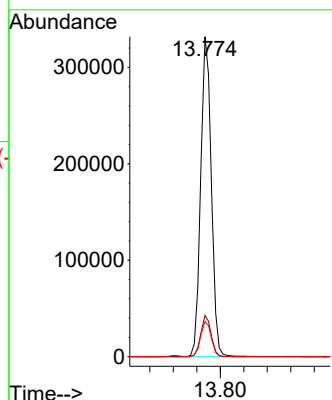
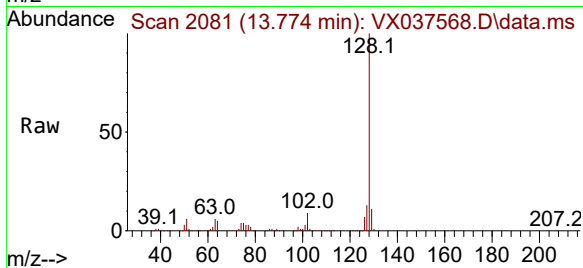
Tgt Ion:	128	Resp:	41521
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#96

1,2,3-Trichlorobenzene

Concen: 57.673 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037568.D

Acq: 06 Sep 2023 20:46

Tgt Ion:	180	Resp:	112655
Ion Ratio	Lower	Upper	
180	100		
182	95.8	46.9	140.6
145	34.3	17.8	53.5

