

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036759.D
 Acq On : 01 Aug 2023 19:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/02/2023
 Supervised By : Mahesh Dadoda 08/02/2023

Quant Time: Aug 02 06:27:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	135830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92434	45.992	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.980%		
35) Dibromofluoromethane	5.385	113	78630	48.720	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	8.647	98	269195	47.035	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.060%		
62) 4-Bromofluorobenzene	11.079	95	107209	49.650	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	74284	41.398	ug/l	96
3) Chloromethane	1.300	50	70090	42.946	ug/l	98
4) Vinyl Chloride	1.374	62	75928	45.695	ug/l	99
5) Bromomethane	1.599	94	50448	50.854	ug/l	98
6) Chloroethane	1.678	64	41849	51.803	ug/l	98
7) Trichlorofluoromethane	1.880	101	132789	51.749	ug/l	100
8) Diethyl Ether	2.136	74	48872	49.229	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	72758	47.195	ug/l	99
10) Methyl Iodide	2.453	142	75890	47.394	ug/l	93
11) Tert butyl alcohol	2.965	59	133174	279.889	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	70330	46.240	ug/l	87
13) Acrolein	2.239	56	86305	317.831	ug/l	96
14) Allyl chloride	2.660	41	128520	42.912	ug/l	94
15) Acrylonitrile	3.062	53	246182	257.277	ug/l	99
16) Acetone	2.380	43	209105	250.728	ug/l	91
17) Carbon Disulfide	2.508	76	165182	39.350	ug/l	98
18) Methyl Acetate	2.703	43	176170	50.213	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	282090	49.355	ug/l	99
20) Methylene Chloride	2.788	84	85184	45.927	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	77914	45.835	ug/l	93
22) Diisopropyl ether	3.763	45	263087	46.264	ug/l	86
23) Vinyl Acetate	3.721	43	1021854	234.259	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	151916	47.648	ug/l	97
25) 2-Butanone	4.556	43	348016	257.198	ug/l	92
26) 2,2-Dichloropropane	4.477	77	118534	39.456	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	96234	47.664	ug/l	91
28) Bromochloromethane	4.897	49	73108	47.412	ug/l	88
29) Tetrahydrofuran	5.007	42	219968	252.149	ug/l	92
30) Chloroform	5.099	83	162263	49.745	ug/l	96
31) Cyclohexane	5.470	56	119648	42.996	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	143879	48.139	ug/l	98
36) 1,1-Dichloropropene	5.690	75	110566	45.963	ug/l	98
37) Ethyl Acetate	4.714	43	132952	48.831	ug/l	97
38) Carbon Tetrachloride	5.672	117	123439	48.267	ug/l	98
39) Methylcyclohexane	7.379	83	130637	43.674	ug/l	94
40) Benzene	6.037	78	331005	47.295	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	72884	50.051	ug/l	94
42) 1,2-Dichloroethane	6.086	62	127770	49.932	ug/l	96
43) Isopropyl Acetate	6.342	43	219537	46.842	ug/l	95
44) Trichloroethene	7.129	130	88455	48.352	ug/l	99
45) 1,2-Dichloropropane	7.433	63	88432	47.325	ug/l	97
46) Dibromomethane	7.580	93	65066	49.753	ug/l	96
47) Bromodichloromethane	7.824	83	132014	49.178	ug/l	96
48) Methyl methacrylate	7.696	41	104547	47.966	ug/l	90
49) 1,4-Dioxane	7.659	88	52633	1195.346	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	667804	257.480	ug/l	95
52) Toluene	8.720	92	214521	48.918	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	141360	46.591	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	149127	46.580	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	92937	50.416	ug/l	98
56) Ethyl methacrylate	9.116	69	151109	50.341	ug/l	93
57) 1,3-Dichloropropane	9.311	76	154778	50.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	364336	246.332	ug/l	97
59) 2-Hexanone	9.433	43	513146	266.585	ug/l	94
60) Dibromochloromethane	9.518	129	103679	51.171	ug/l	100
61) 1,2-Dibromoethane	9.610	107	97822	51.202	ug/l	99
64) Tetrachloroethene	9.275	164	75313	46.428	ug/l	99
65) Chlorobenzene	10.079	112	230528	48.088	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	93561	50.494	ug/l	100
67) Ethyl Benzene	10.195	91	417367	47.658	ug/l	100
68) m/p-Xylenes	10.299	106	315374	96.517	ug/l	99
69) o-Xylene	10.640	106	158699	48.657	ug/l	100
70) Styrene	10.652	104	265687	49.373	ug/l	98
71) Bromoform	10.799	173	76789	51.196	ug/l #	99
73) Isopropylbenzene	10.963	105	418687	46.308	ug/l	98
74) N-amyl acetate	10.841	43	189107	44.853	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	148516	48.634	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	140955m	54.854	ug/l	
77) Bromobenzene	11.195	156	99632	48.388	ug/l	93
78) n-propylbenzene	11.305	91	482823	46.175	ug/l	100
79) 2-Chlorotoluene	11.366	91	293344	46.297	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	354846	46.914	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	48109	42.434	ug/l	88
82) 4-Chlorotoluene	11.457	91	334115	46.280	ug/l	98
83) tert-Butylbenzene	11.713	119	361404	48.637	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	355179	46.954	ug/l	97
85) sec-Butylbenzene	11.890	105	440604	47.547	ug/l	99
86) p-Isopropyltoluene	12.012	119	370114	48.540	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	187707	49.221	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	188116	49.705	ug/l	98
89) n-Butylbenzene	12.329	91	323909	47.454	ug/l	99
90) Hexachloroethane	12.536	117	71100	45.996	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	186536	50.688	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35543	50.088	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	114540	50.519	ug/l	98
94) Hexachlorobutadiene	13.725	225	44416	47.352	ug/l	98
95) Naphthalene	13.774	128	416321	52.693	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	115332	51.611	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

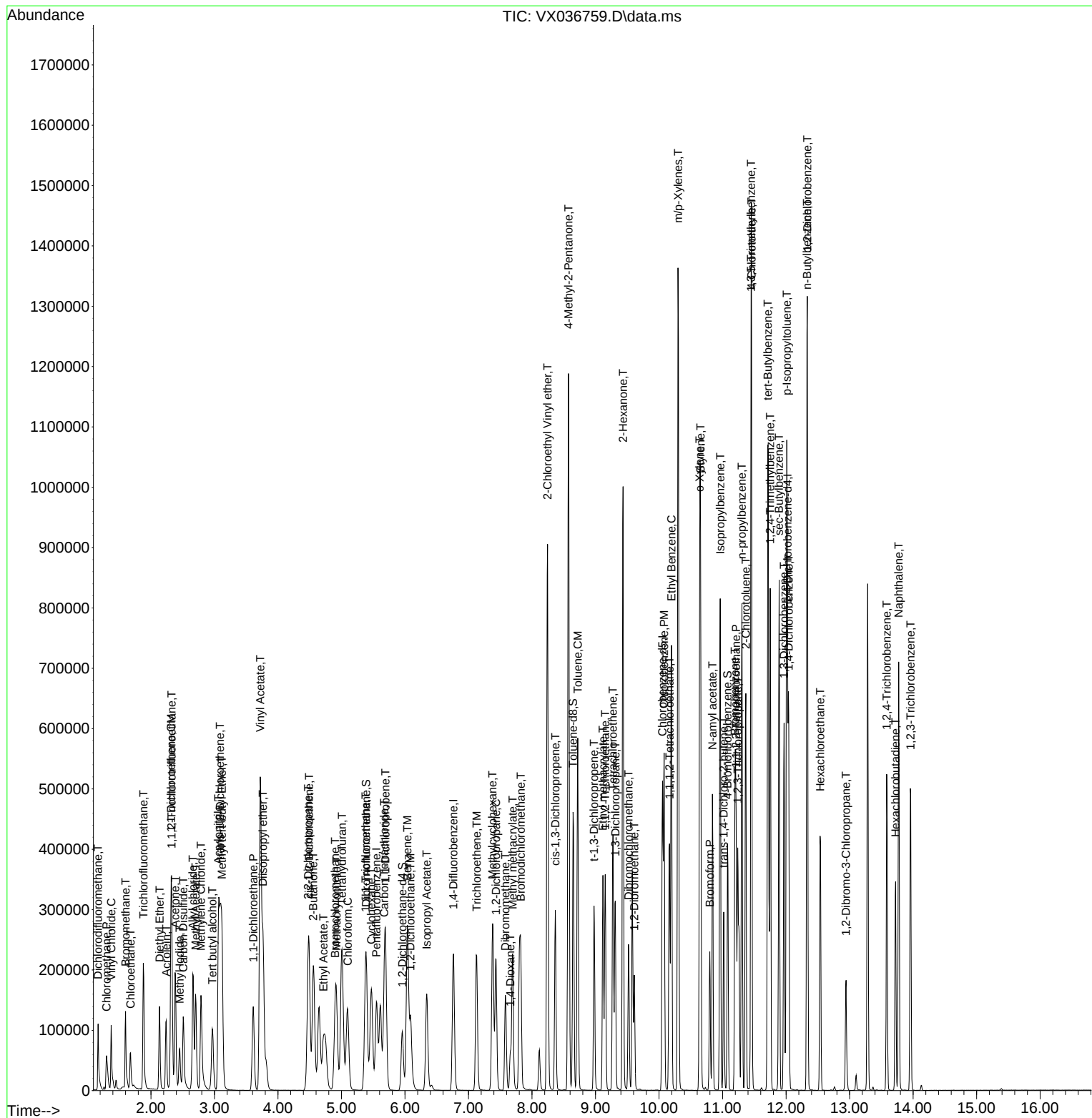
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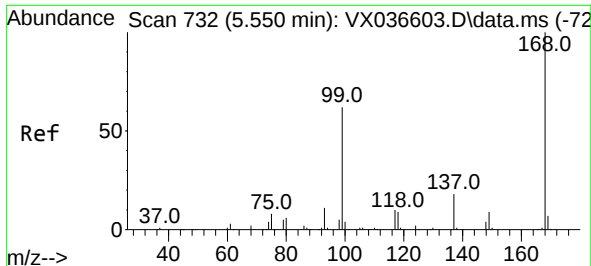
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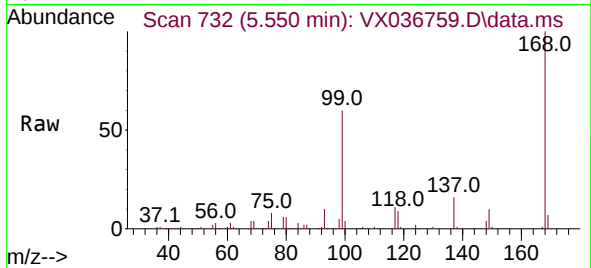
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036759.D
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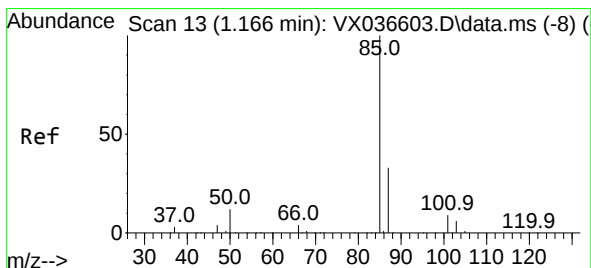
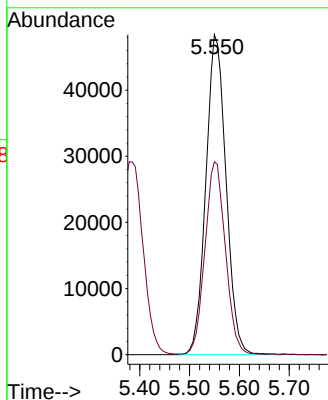
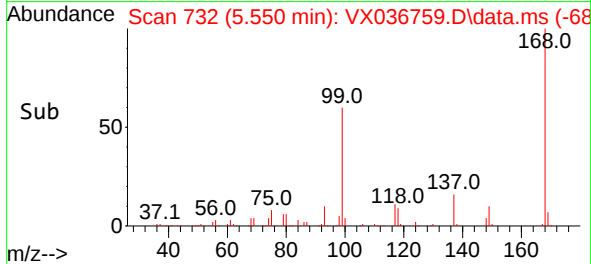
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 135830
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0

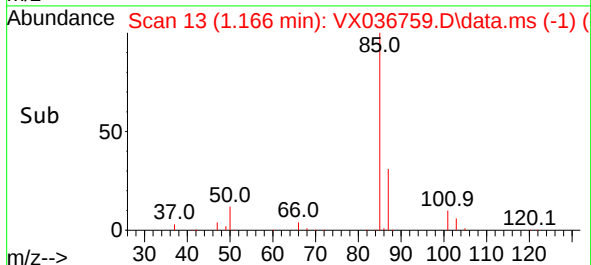
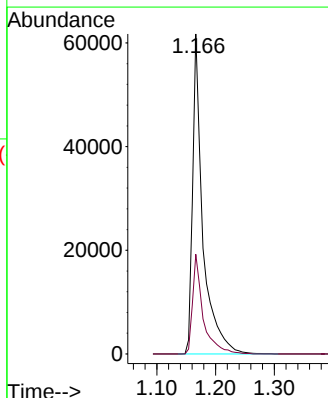
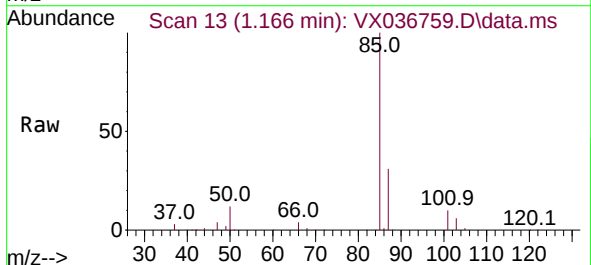
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#2
Dichlorodifluoromethane
Concen: 41.398 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

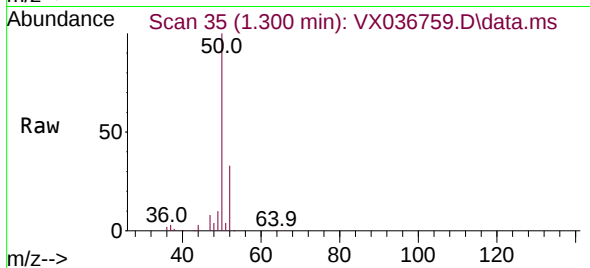
Tgt Ion: 85 Resp: 74284
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.1





#3
Chloromethane
Concen: 42.946 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

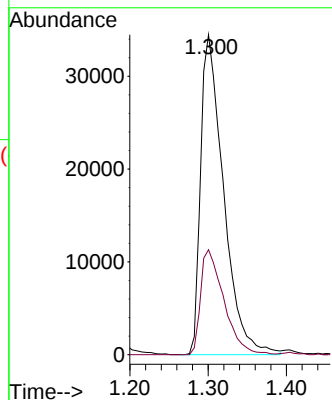
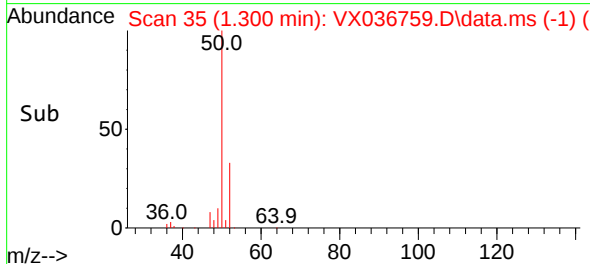
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 70090
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

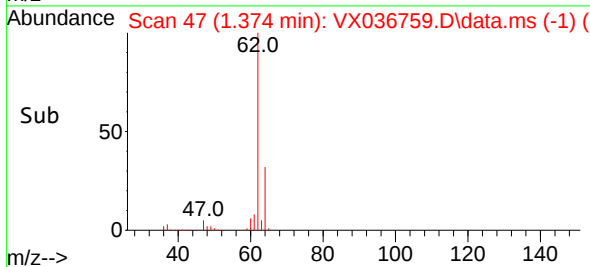
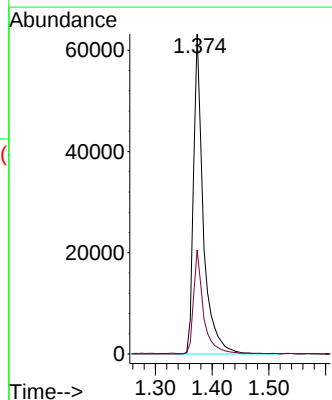
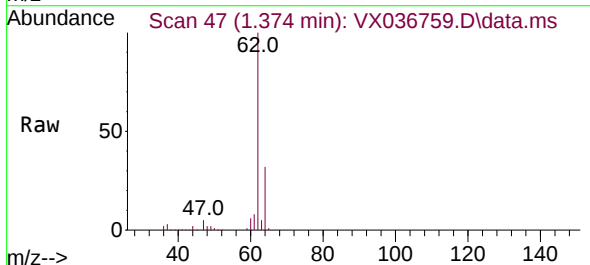
Manual Integrations
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#4
Vinyl Chloride
Concen: 45.695 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

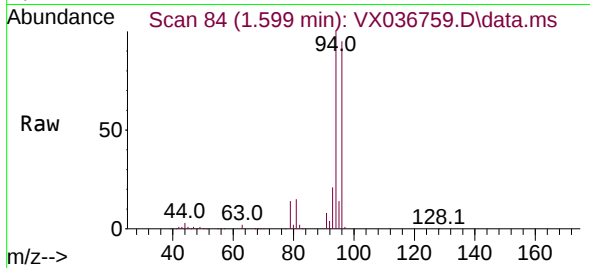
Tgt Ion: 62 Resp: 75928
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
Bromomethane
Concen: 50.854 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

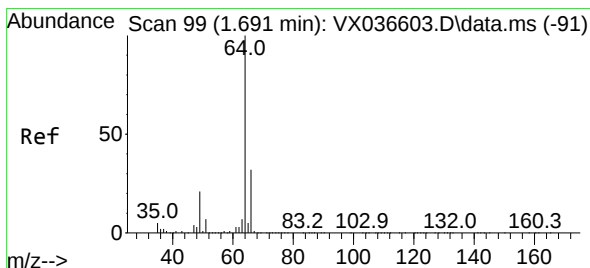
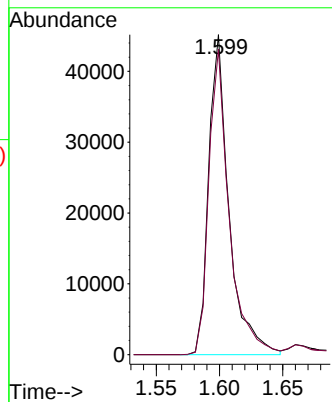
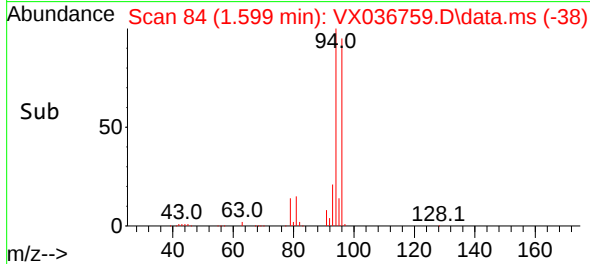
Instrument :
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Tgt Ion: 94 Resp: 50448
Ion Ratio Lower Upper
94 100
96 95.4 74.6 111.8

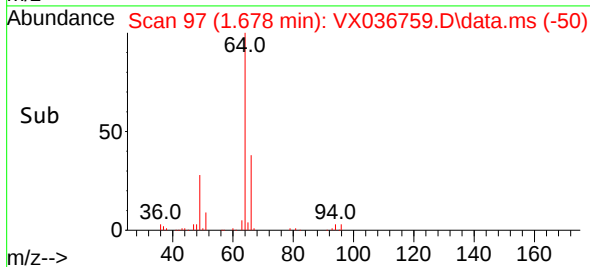
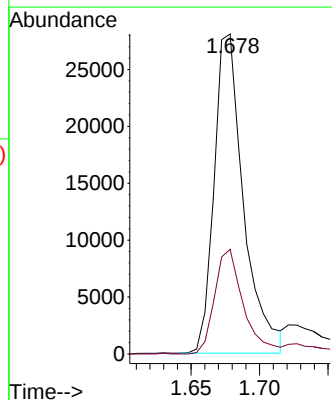
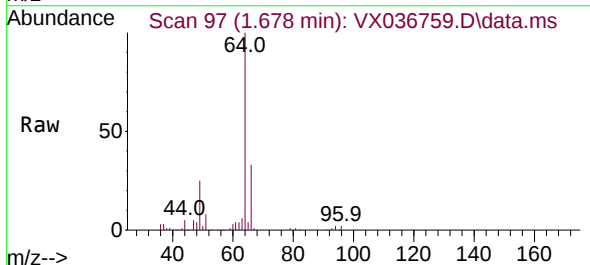
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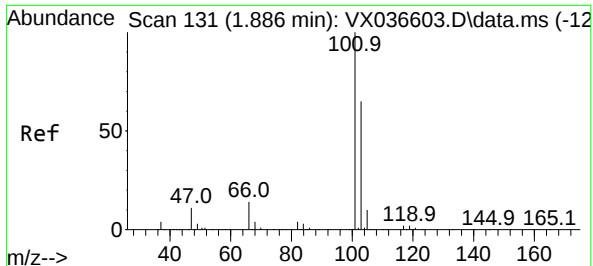
Reviewed By :John Carlone 08/02/2023
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#6
Chloroethane
Concen: 51.803 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX036759.D
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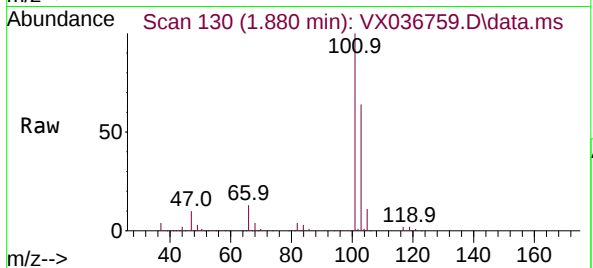
Tgt Ion: 64 Resp: 41849
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 51.749 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

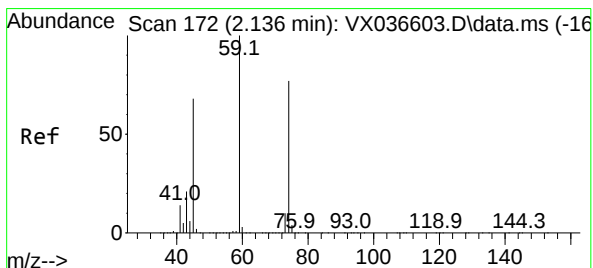
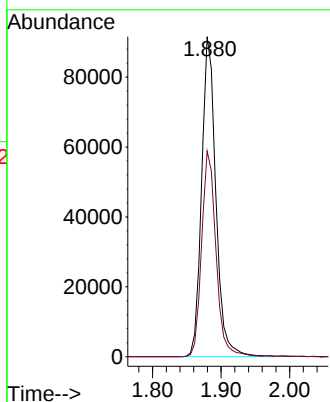
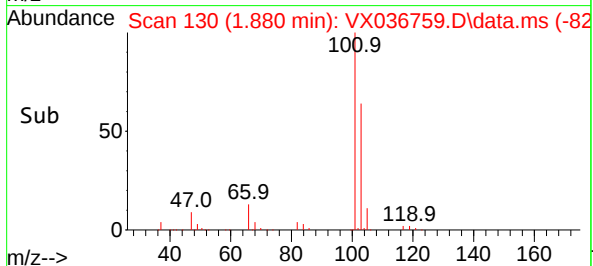
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 132789
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

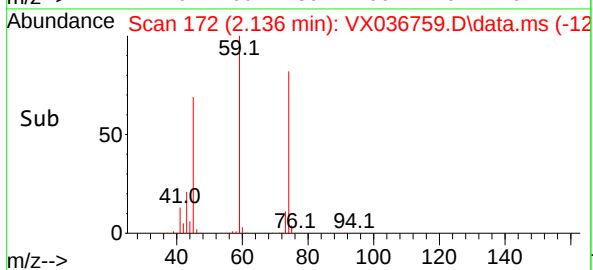
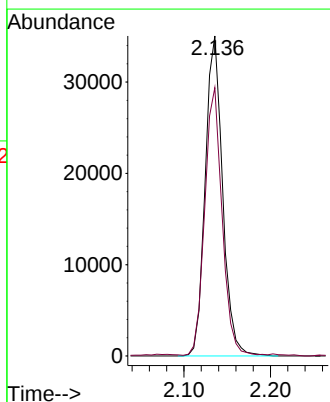
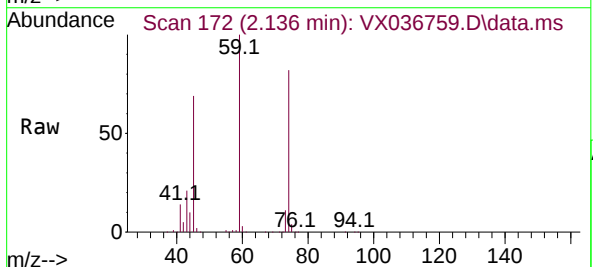
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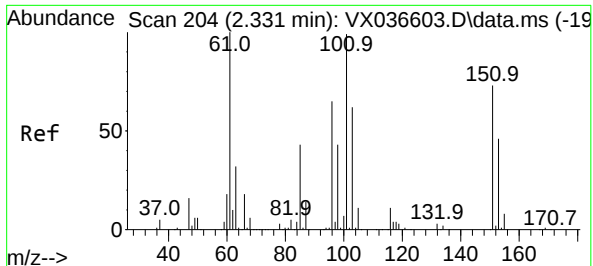
Reviewed By :John Carlone 08/02/2023
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#8
Diethyl Ether
Concen: 49.229 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX036759.D
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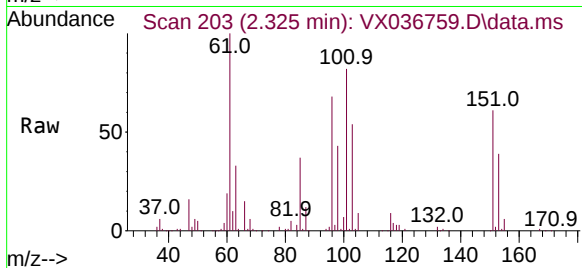
Tgt Ion: 74 Resp: 48872
Ion Ratio Lower Upper
74 100
45 83.3 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.195 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

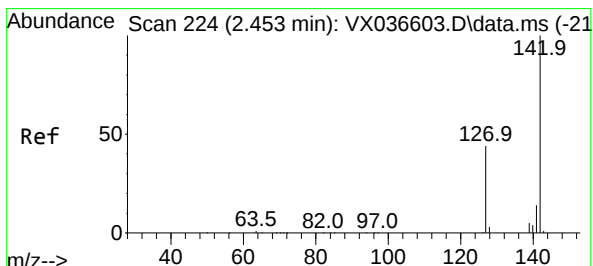
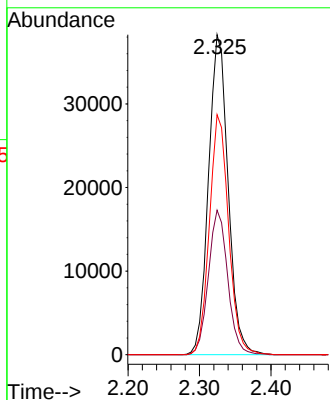
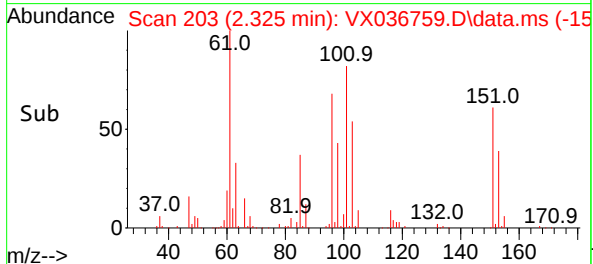
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 72758
Ion Ratio Lower Upper
101 100
85 44.6 37.0 55.6
151 73.7 58.6 87.8

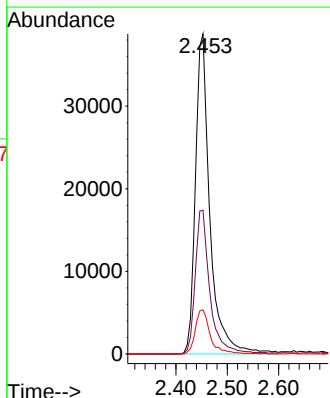
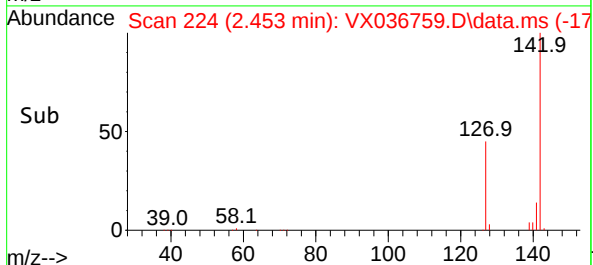
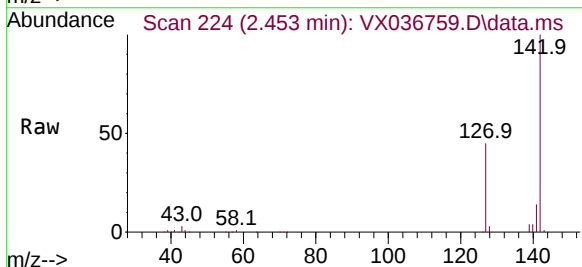
Manual Integrations
APPROVED

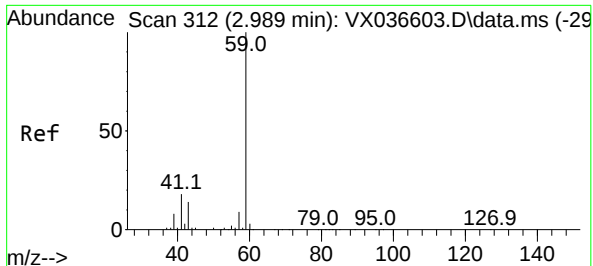
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#10
Methyl Iodide
Concen: 47.394 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Tgt Ion:142 Resp: 75890
Ion Ratio Lower Upper
142 100
127 45.8 41.6 62.4
141 14.2 11.6 17.4





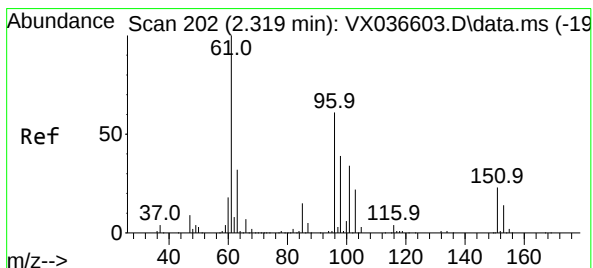
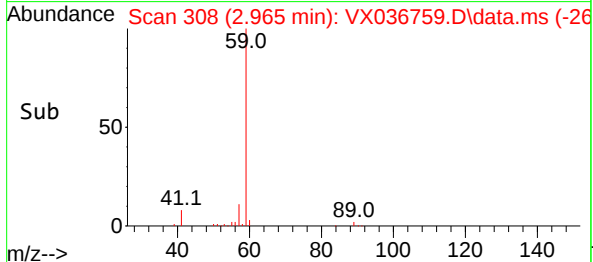
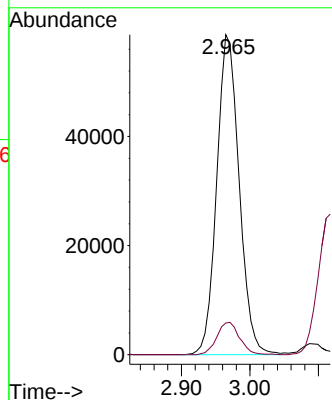
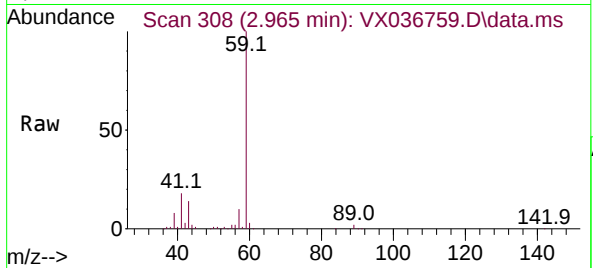
#11
Tert butyl alcohol
Concen: 279.889 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 133174
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

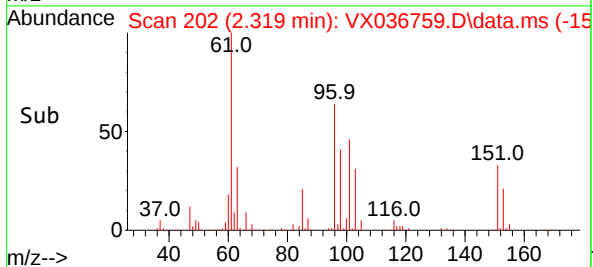
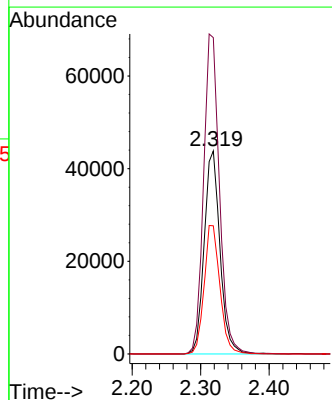
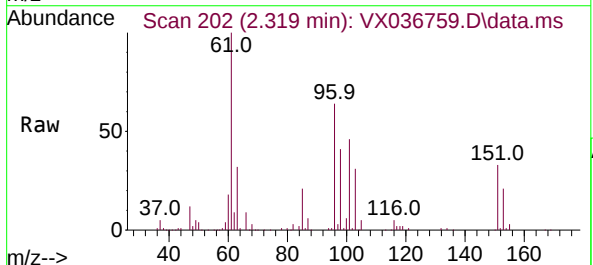
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#12
1,1-Dichloroethene
Concen: 46.240 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

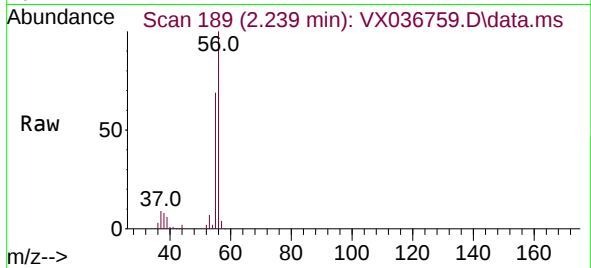
Tgt Ion: 96 Resp: 70330
Ion Ratio Lower Upper
96 100
61 155.8 144.6 216.8
98 63.1 50.4 75.6





#13
Acrolein
Concen: 317.831 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

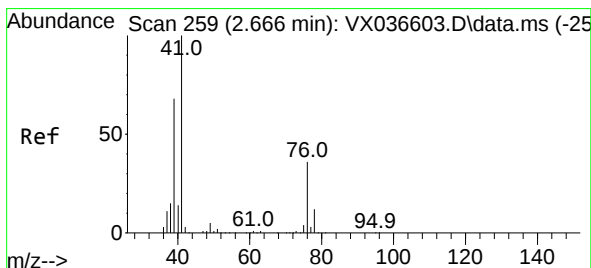
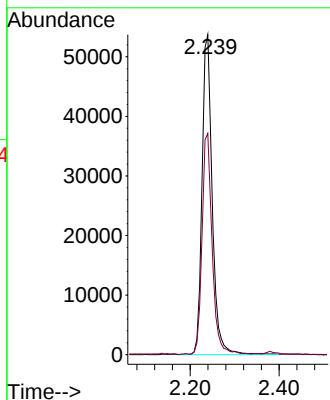
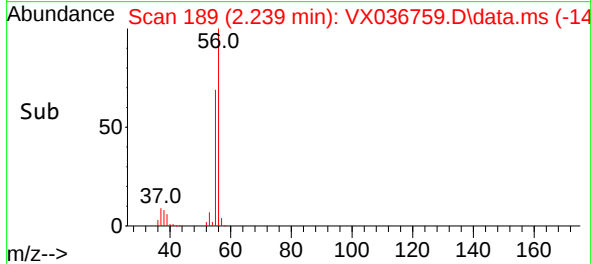
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 86305
Ion Ratio Lower Upper
56 100
55 68.4 57.1 85.7

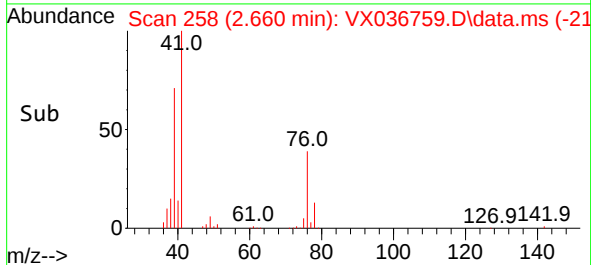
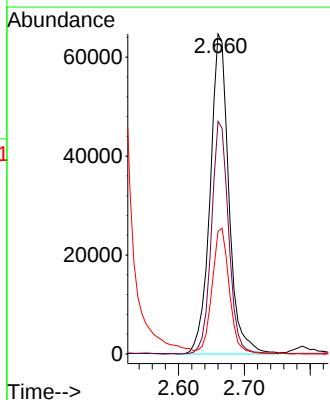
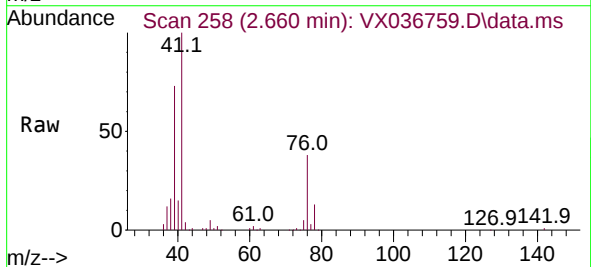
Manual Integrations
APPROVED

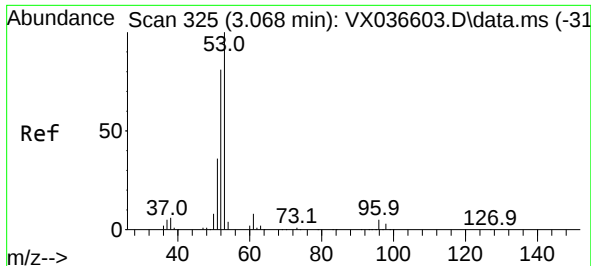
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#14
Allyl chloride
Concen: 42.912 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

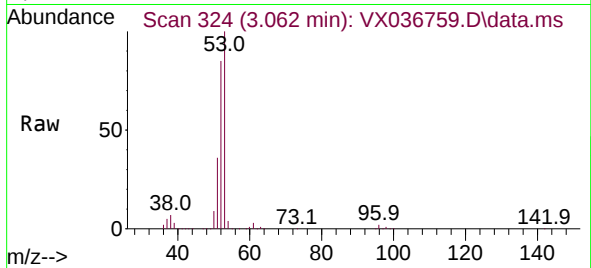
Tgt Ion: 41 Resp: 128520
Ion Ratio Lower Upper
41 100
39 66.7 55.8 83.6
76 36.3 24.3 36.5





#15
Acrylonitrile
Concen: 257.277 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

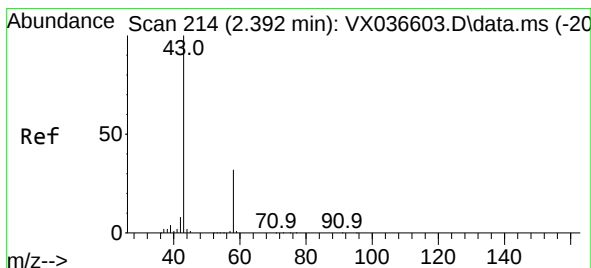
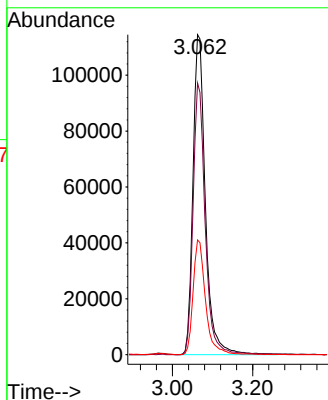
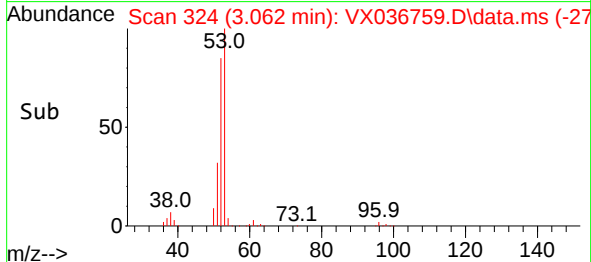
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 24618
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 35.8 29.8 44.6

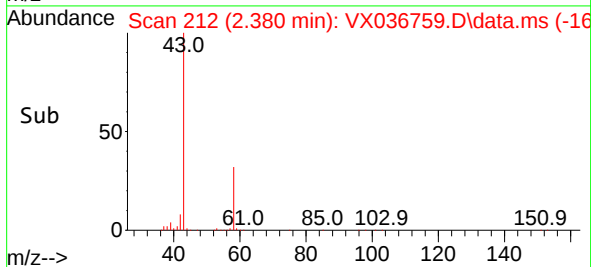
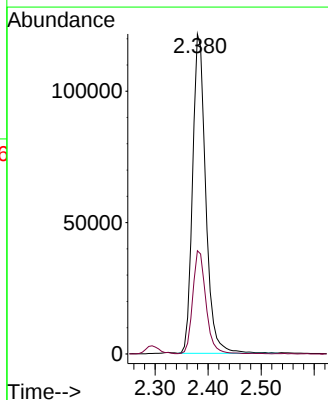
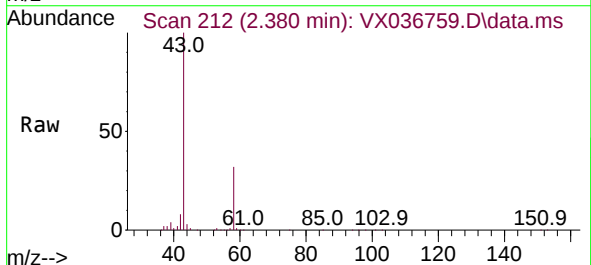
Manual Integrations
APPROVED

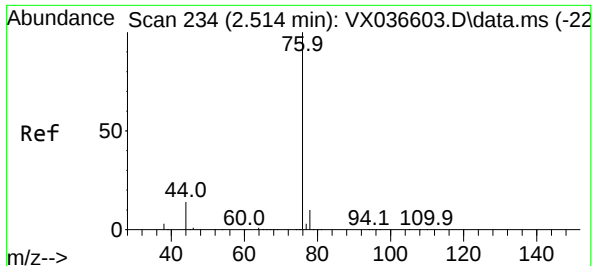
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#16
Acetone
Concen: 250.728 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

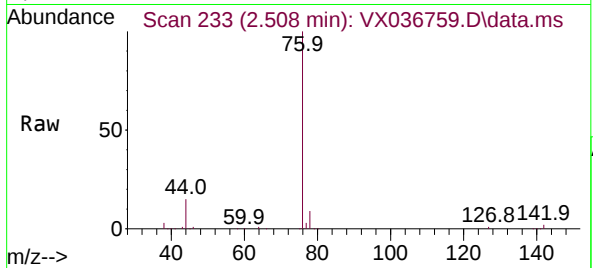
Tgt Ion: 43 Resp: 209105
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9





#17
Carbon Disulfide
Concen: 39.350 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

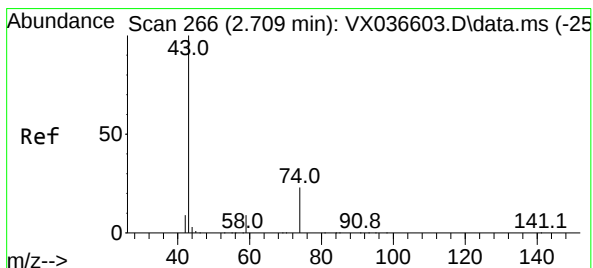
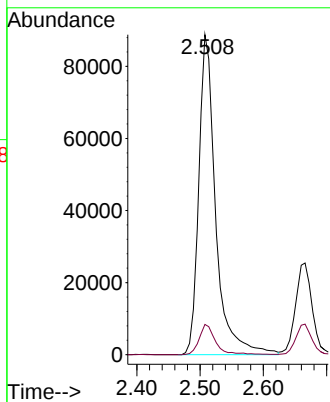
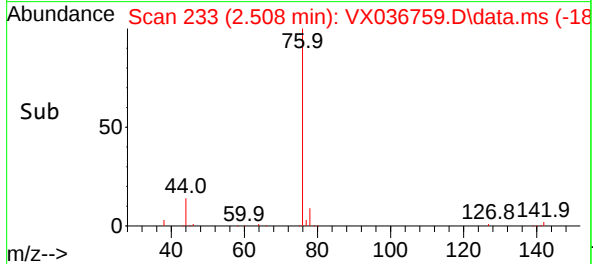
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 16518
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

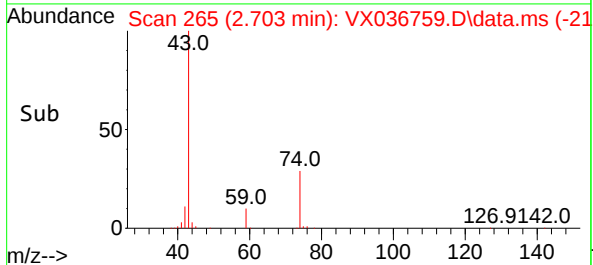
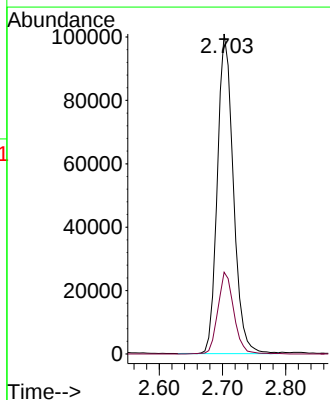
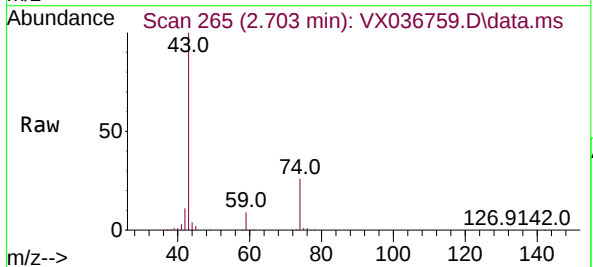
Manual Integrations
APPROVED

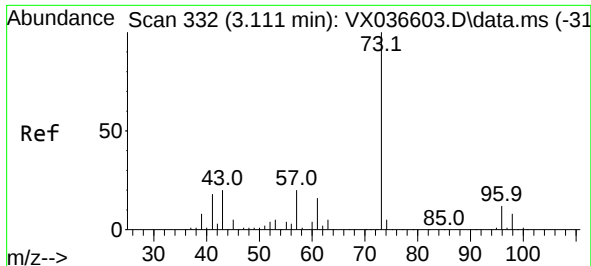
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#18
Methyl Acetate
Concen: 50.213 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

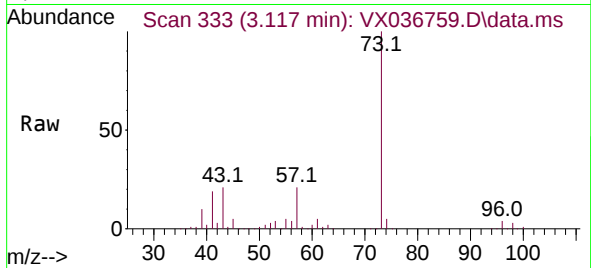
Tgt Ion: 43 Resp: 176170
Ion Ratio Lower Upper
43 100
74 25.6 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 49.355 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

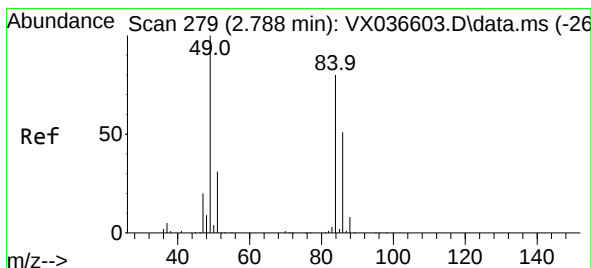
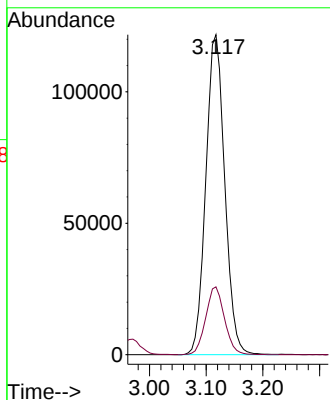
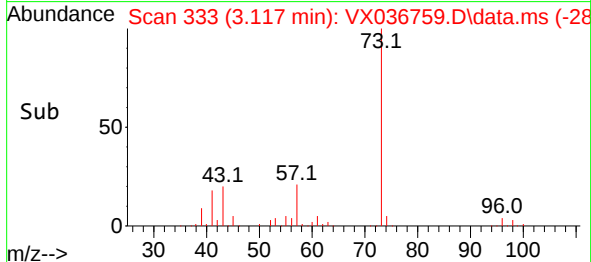
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 282090
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

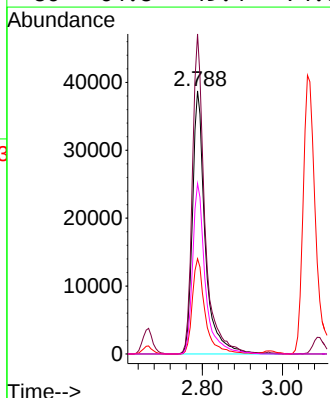
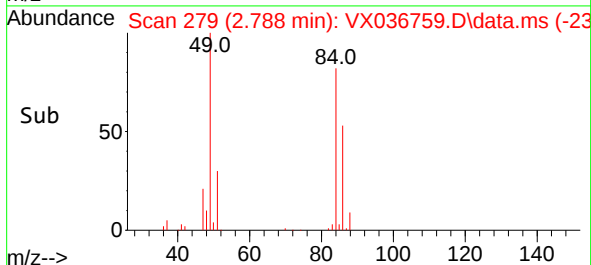
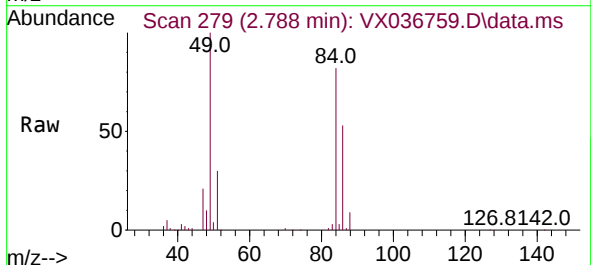
Manual Integrations
APPROVED

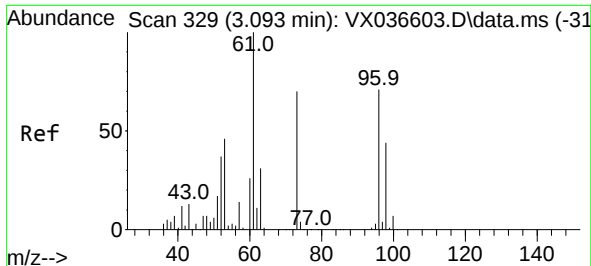
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#20
Methylene Chloride
Concen: 45.927 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

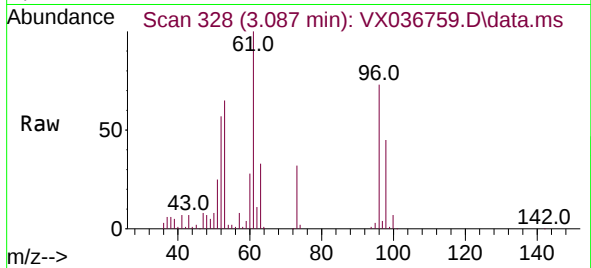
Tgt Ion: 84 Resp: 85184
Ion Ratio Lower Upper
84 100
49 121.6 103.6 155.4
51 36.2 33.8 50.6
86 64.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 45.835 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

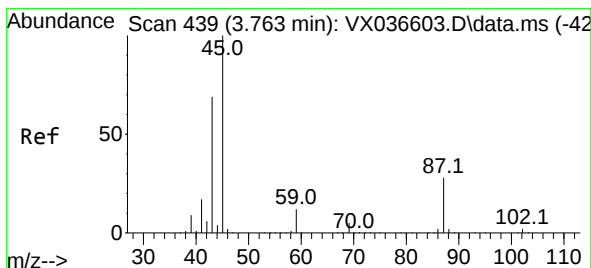
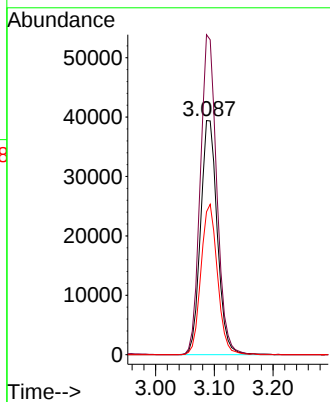
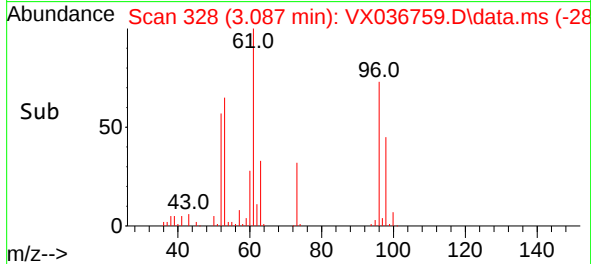
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 77914
Ion Ratio Lower Upper
96 100
61 136.7 119.2 178.8
98 61.0 48.7 73.1

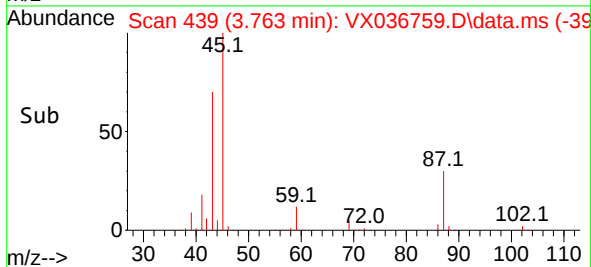
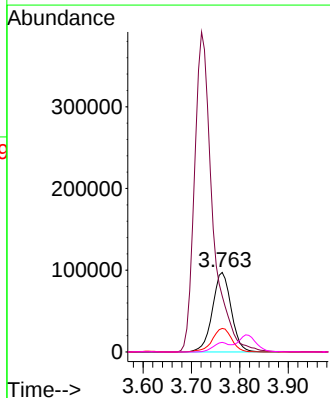
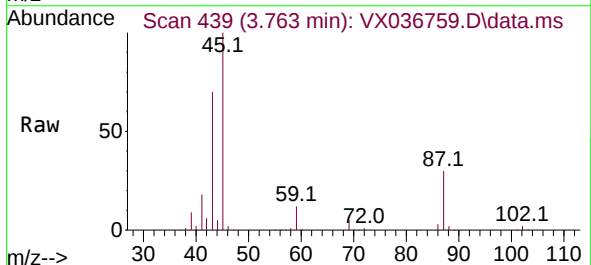
Manual Integrations
APPROVED

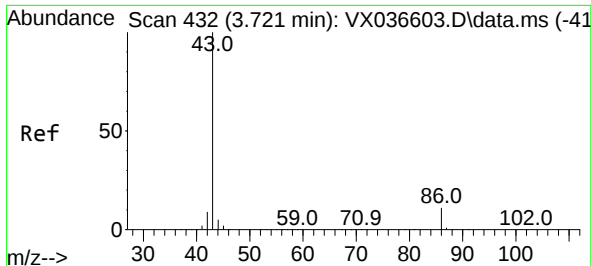
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#22
Diisopropyl ether
Concen: 46.264 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

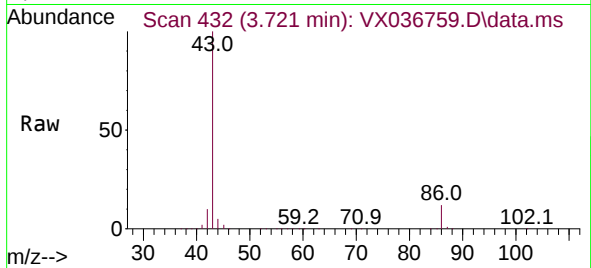
Tgt Ion: 45 Resp: 263087
Ion Ratio Lower Upper
45 100
43 70.2 69.7 104.5
87 29.5 20.8 31.2
59 12.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 234.259 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036759.D
 Acq: 01 Aug 2023 19:26

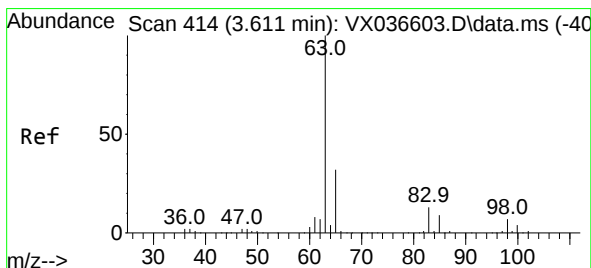
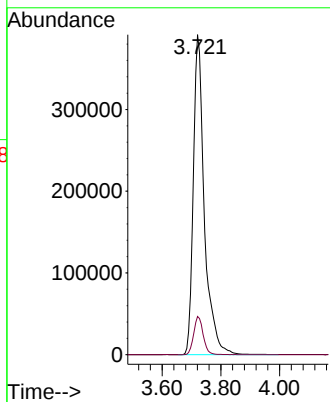
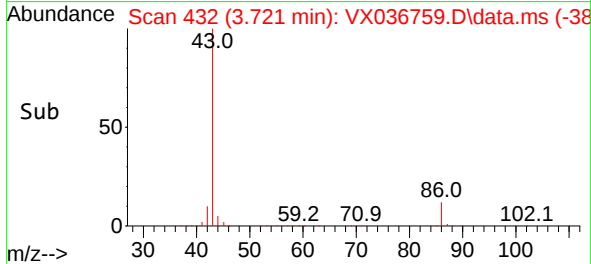
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



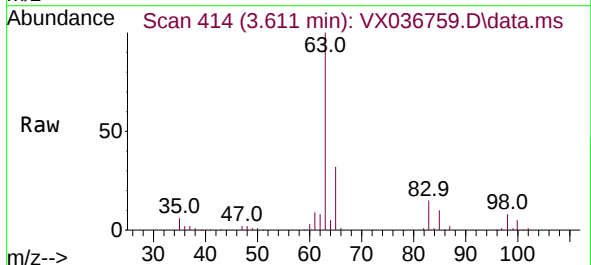
Tgt Ion: 43 Resp: 1021854
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.8 11.8

Manual Integrations
 APPROVED

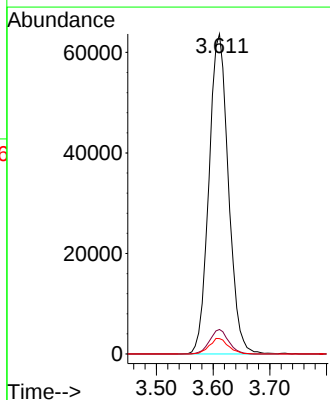
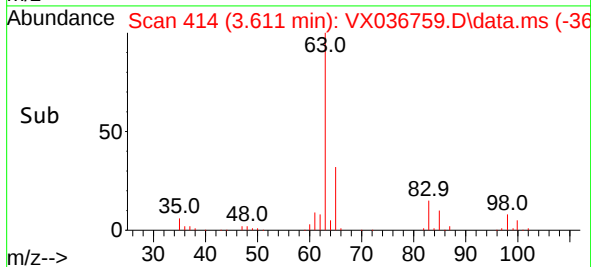
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023

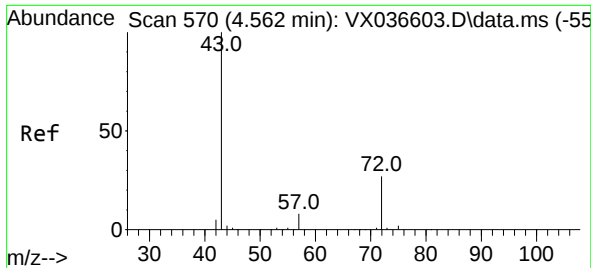


#24
 1,1-Dichloroethane
 Concen: 47.648 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX036759.D
 Acq: 01 Aug 2023 19:26



Tgt Ion: 63 Resp: 151916
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 4.8 2.1 6.5





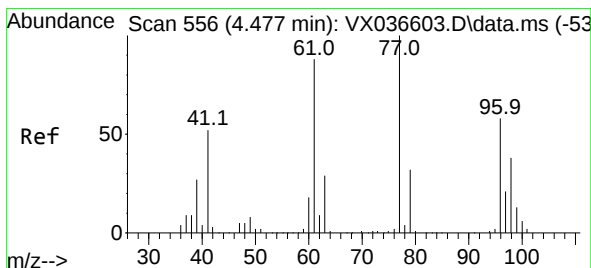
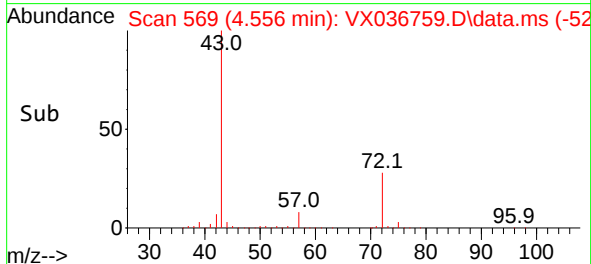
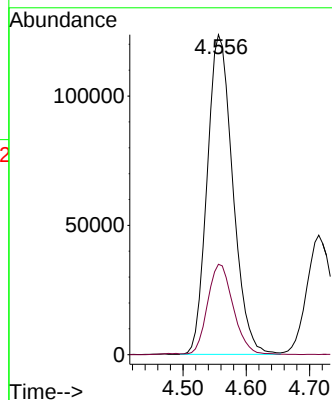
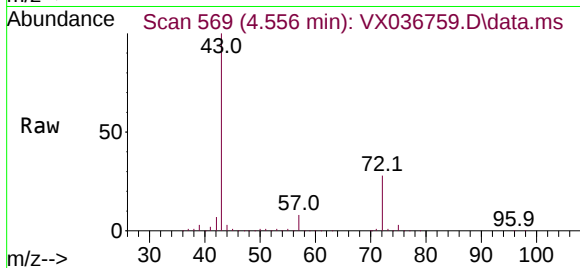
#25
2-Butanone
Concen: 257.198 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 348010
Ion Ratio Lower Upper
43 100
72 28.1 19.4 29.2

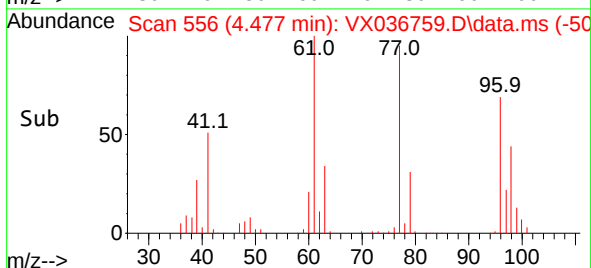
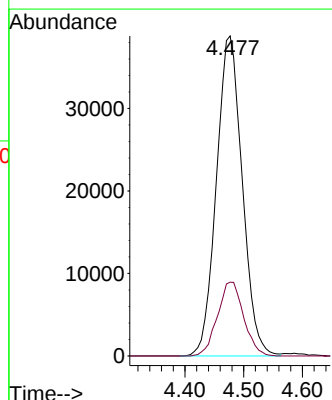
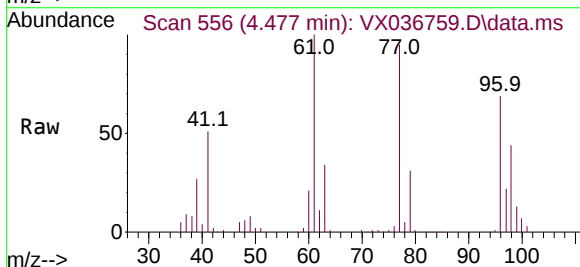
Manual Integrations
APPROVED

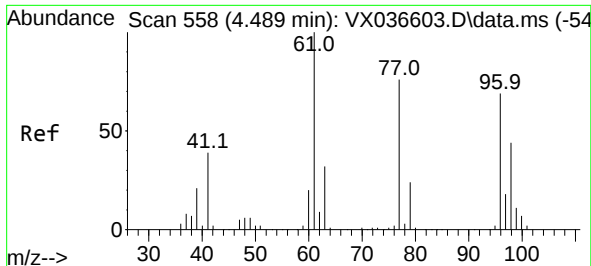
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#26
2,2-Dichloropropane
Concen: 39.456 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Tgt Ion: 77 Resp: 118534
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.664 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 96234

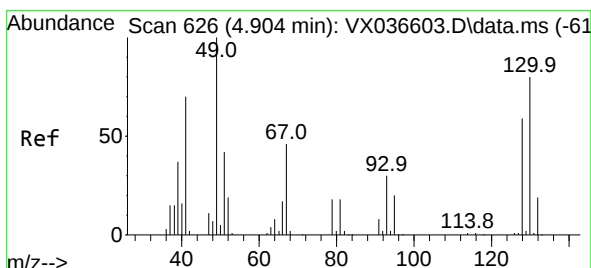
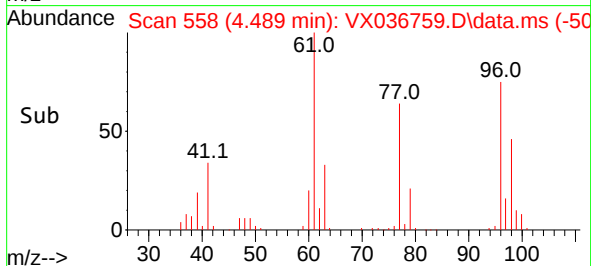
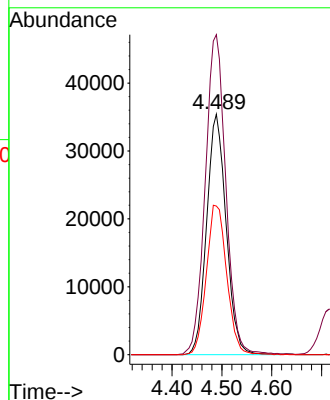
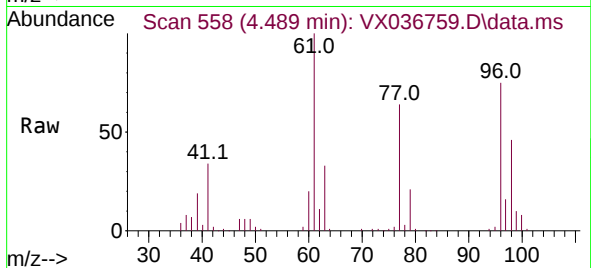
Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	312.2
98	64.9	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#28

Bromochloromethane

Concen: 47.412 ug/l

RT: 4.897 min Scan# 625

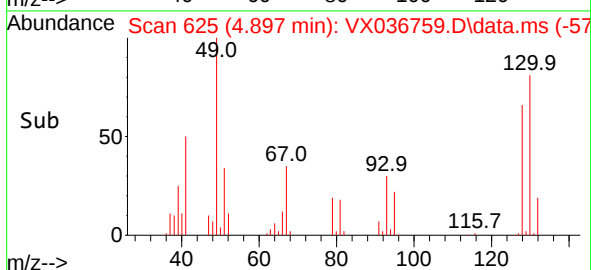
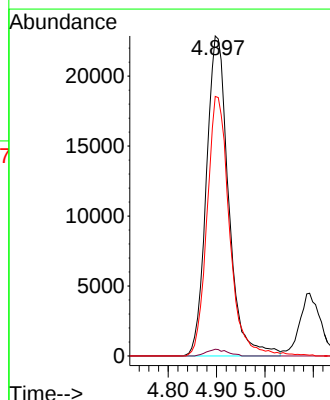
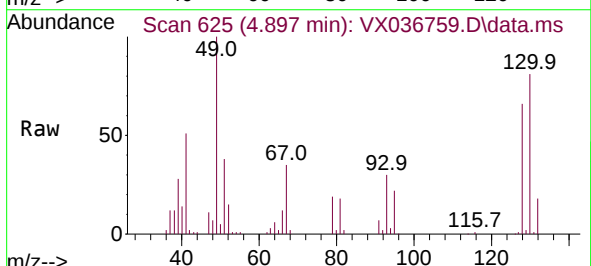
Delta R.T. -0.006 min

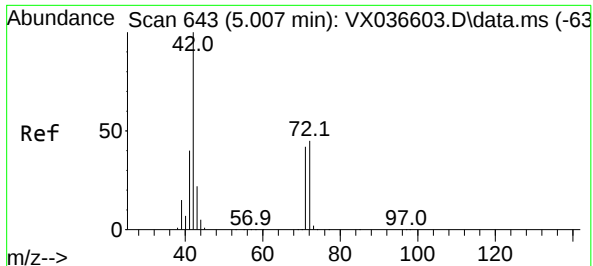
Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

Tgt Ion: 49 Resp: 73108

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	82.0	57.5	86.3





#29

Tetrahydrofuran

Concen: 252.149 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 219968

Ion Ratio Lower Upper

42 100

72 48.7 34.2 51.4

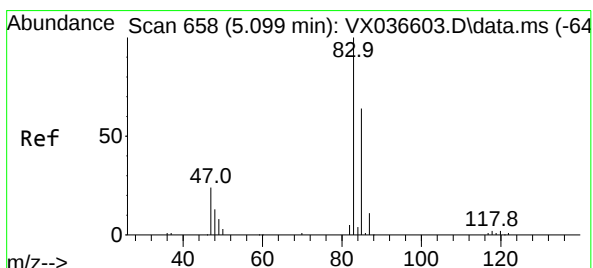
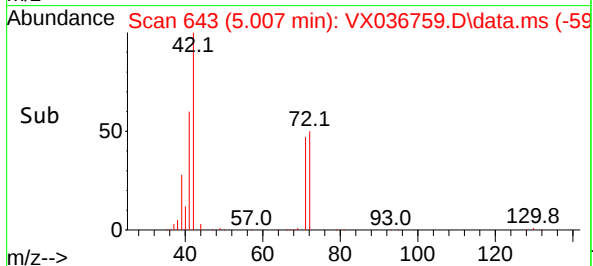
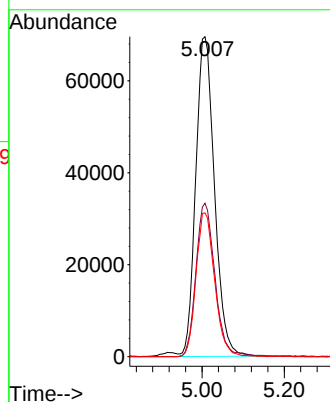
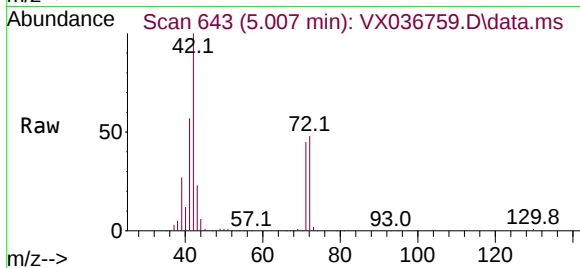
71 44.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#30

Chloroform

Concen: 49.745 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX036759.D

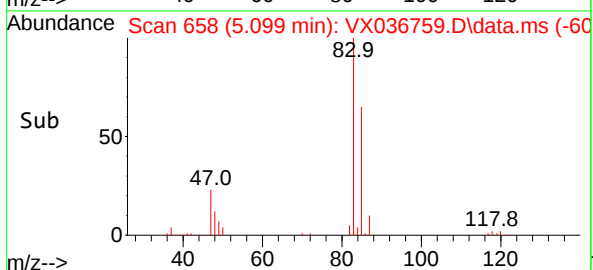
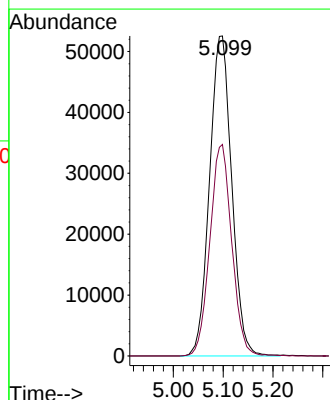
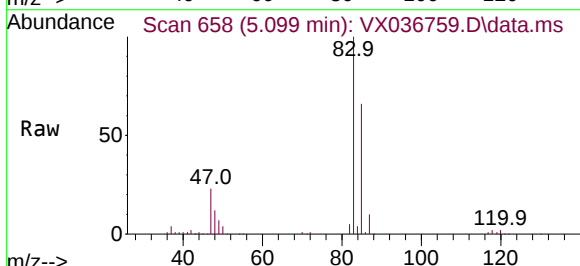
Acq: 01 Aug 2023 19:26

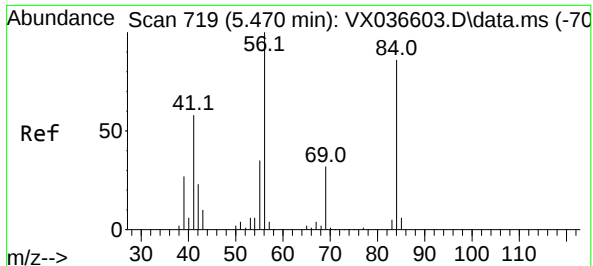
Tgt Ion: 83 Resp: 162263

Ion Ratio Lower Upper

83 100

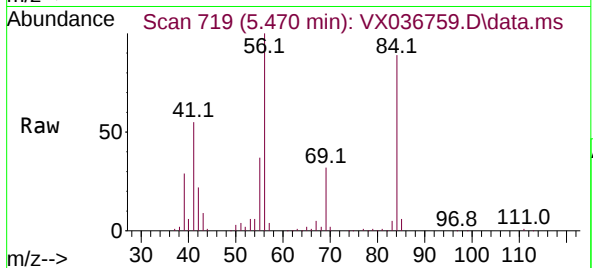
85 66.1 50.3 75.5





#31
Cyclohexane
Concen: 42.996 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

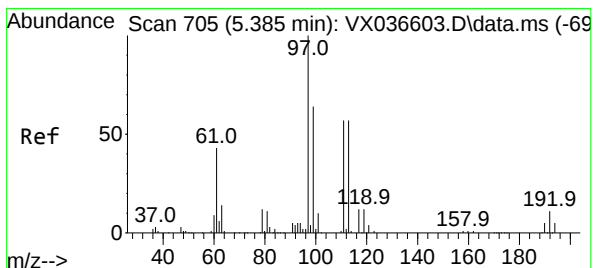
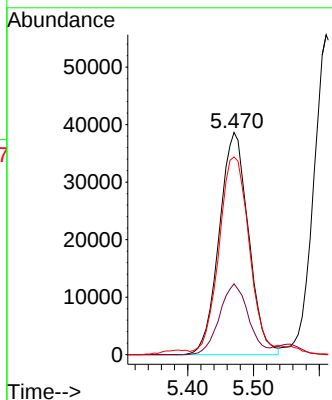
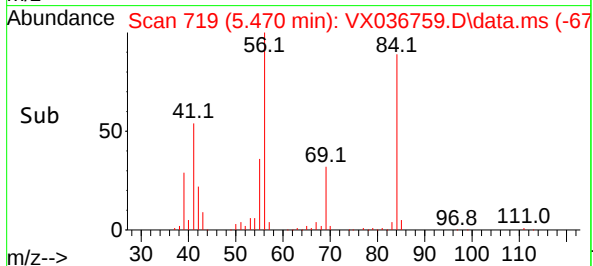
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 119648
Ion Ratio Lower Upper
56 100
69 31.9 23.4 35.2
84 86.9 65.9 98.9

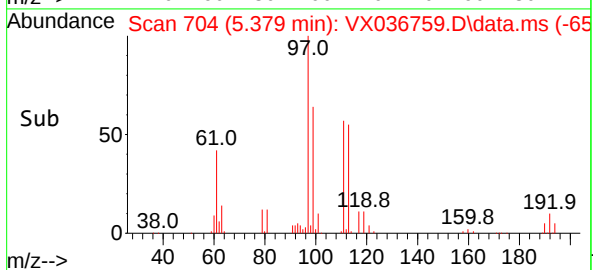
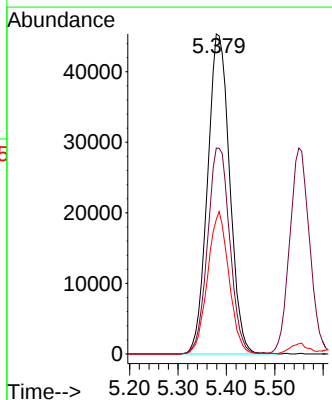
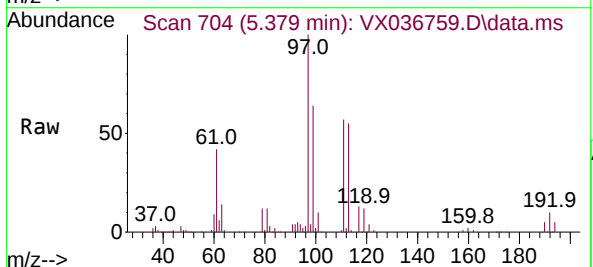
Manual Integrations
APPROVED

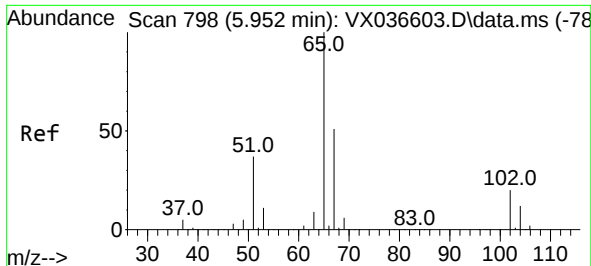
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#32
1,1,1-Trichloroethane
Concen: 48.139 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Tgt Ion: 97 Resp: 143879
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 42.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.992 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 92434

Ion Ratio Lower Upper

65 100

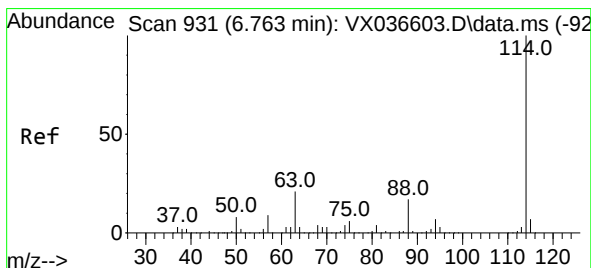
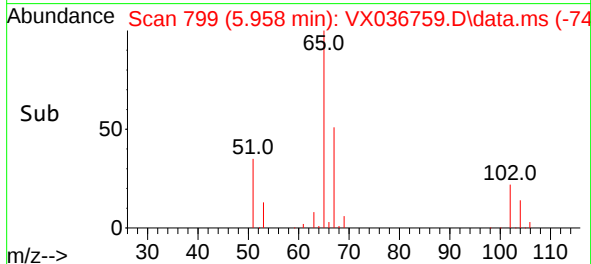
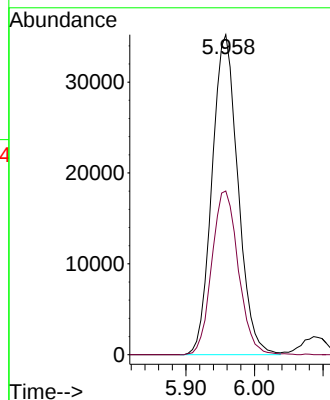
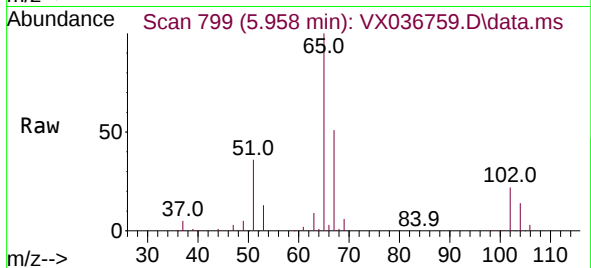
67 52.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

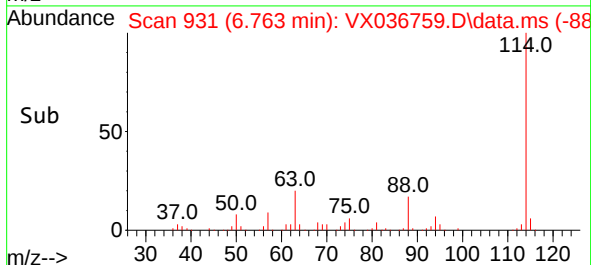
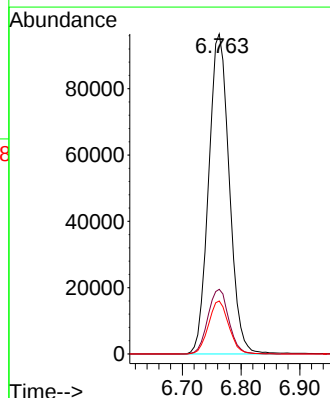
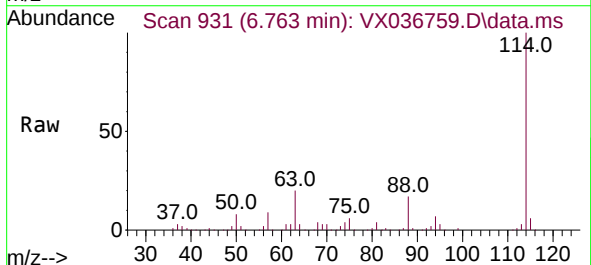
Tgt Ion:114 Resp: 234804

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.720 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036759.D

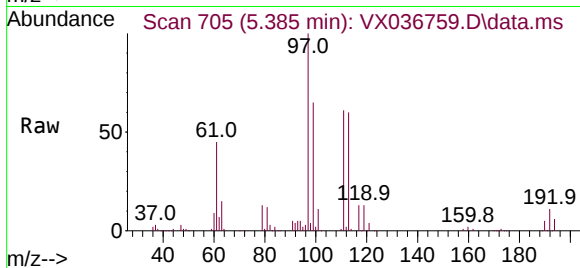
Acq: 01 Aug 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



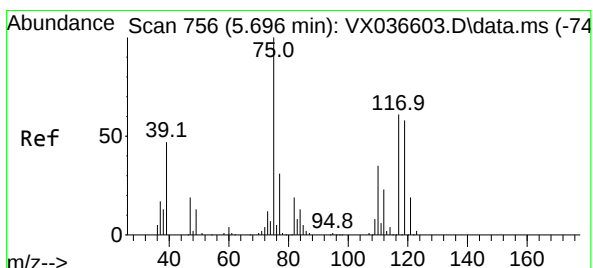
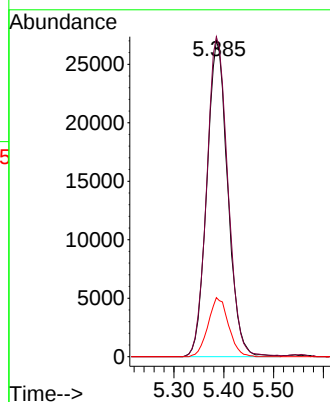
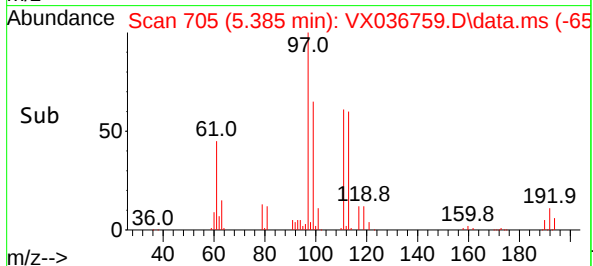
Tgt Ion:	113	Resp:	78630
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.9	124.3
192	18.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#36

1,1-Dichloropropene

Concen: 45.963 ug/l

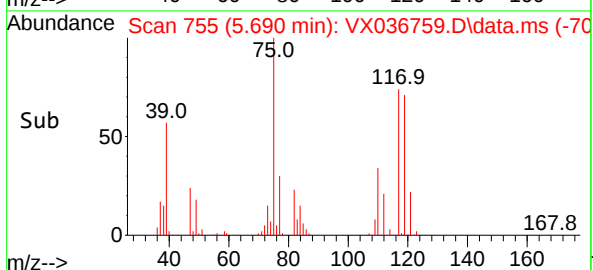
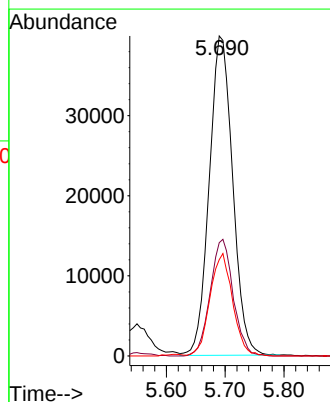
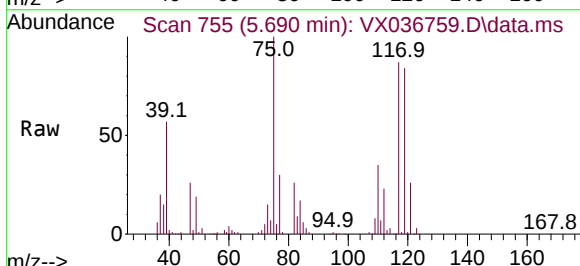
RT: 5.690 min Scan# 755

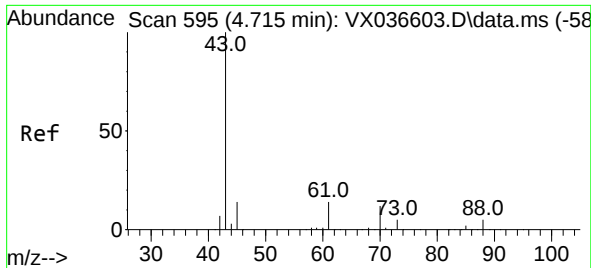
Delta R.T. -0.006 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

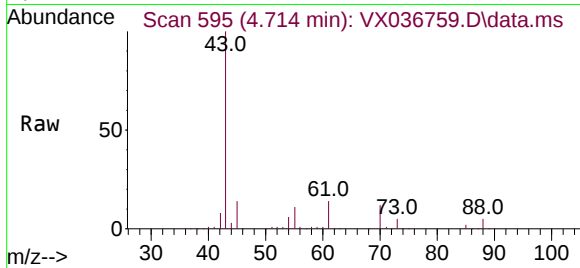
Tgt Ion:	75	Resp:	110566
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.0	50.9
77	31.1	24.7	37.1





#37
Ethyl Acetate
Concen: 48.831 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

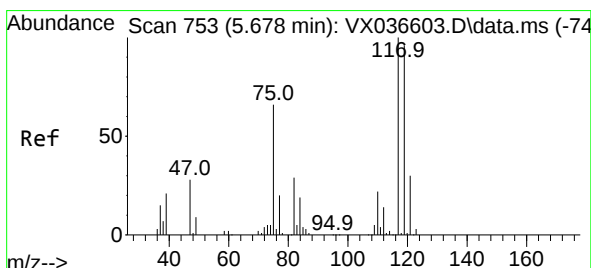
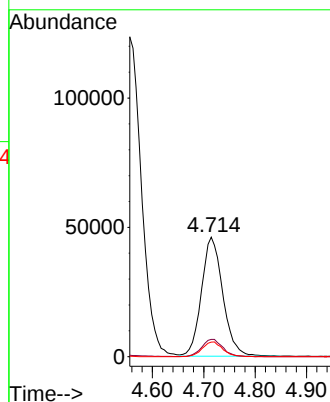
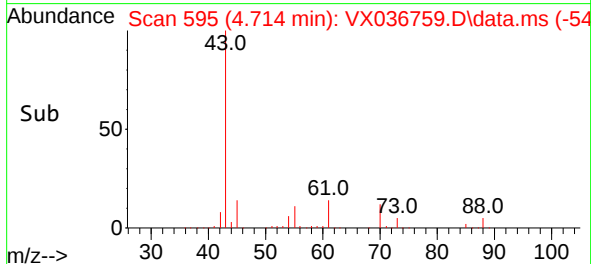
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 132952
Ion Ratio Lower Upper
43 100
61 14.5 10.6 16.0
70 11.9 8.3 12.5

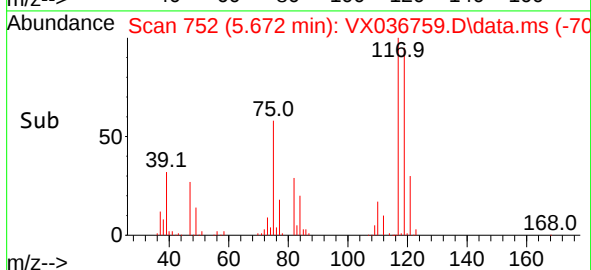
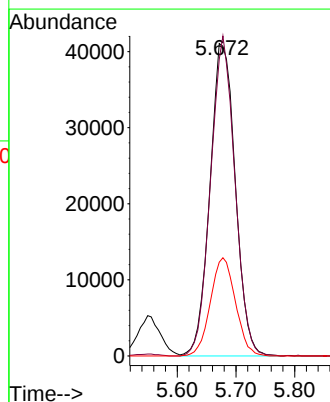
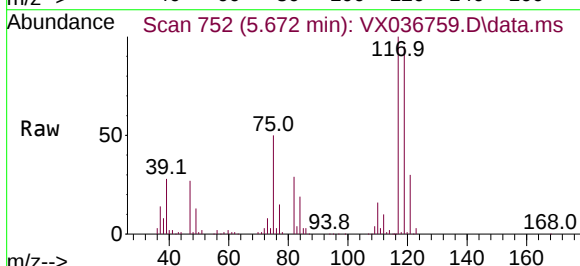
Manual Integrations
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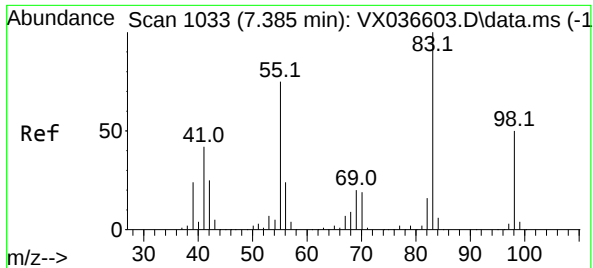
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#38
Carbon Tetrachloride
Concen: 48.267 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Tgt Ion:117 Resp: 123439
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.2
121 30.0 24.4 36.6





#39

Methylcyclohexane

Concen: 43.674 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 13063

Ion Ratio Lower Upper

83 100

55 74.4 64.6 97.0

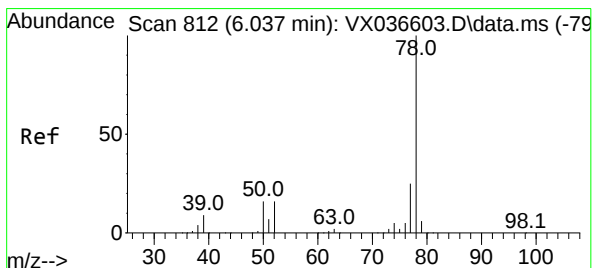
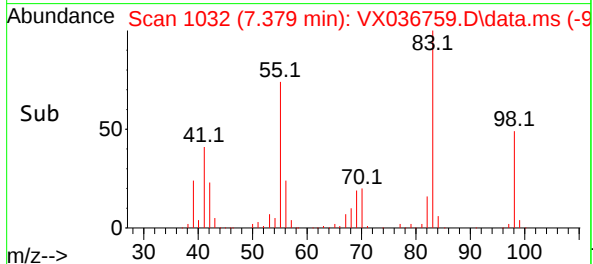
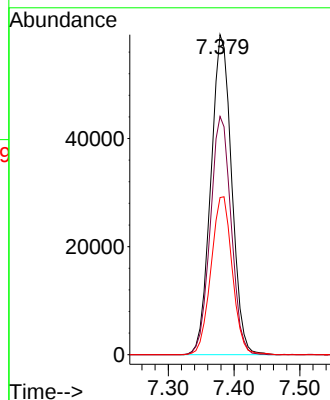
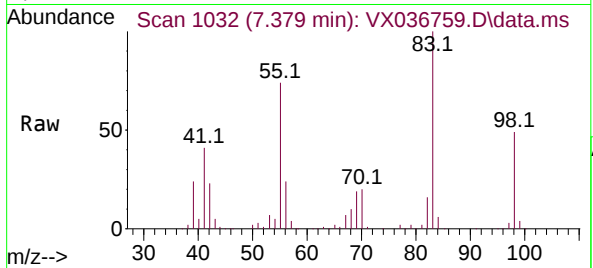
98 49.1 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#40

Benzene

Concen: 47.295 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX036759.D

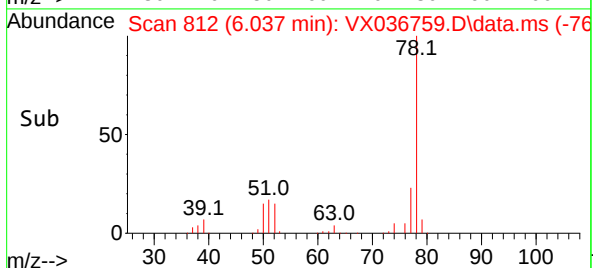
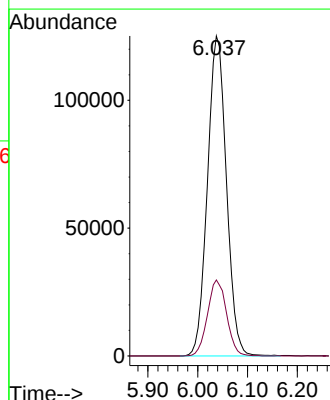
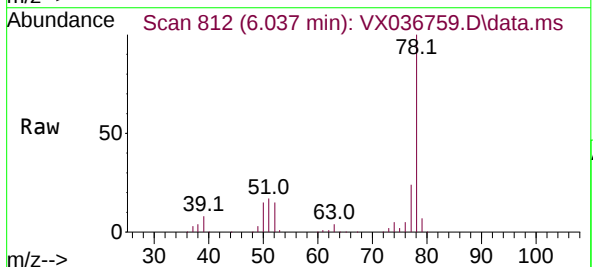
Acq: 01 Aug 2023 19:26

Tgt Ion: 78 Resp: 331005

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9





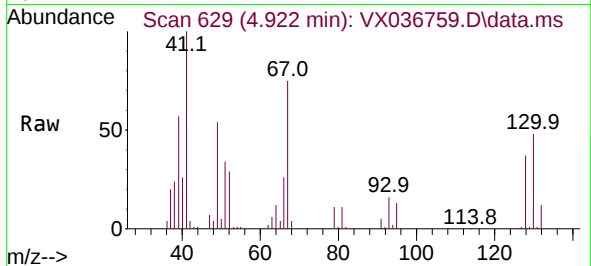
#41
Methacrylonitrile
Concen: 50.051 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



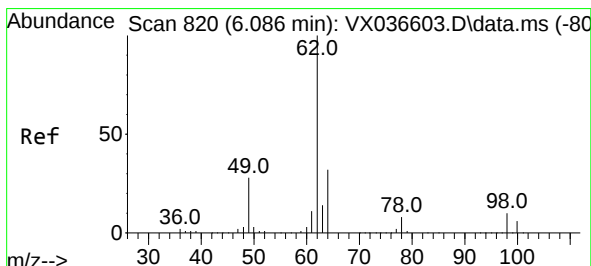
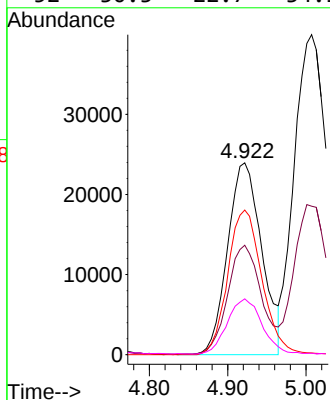
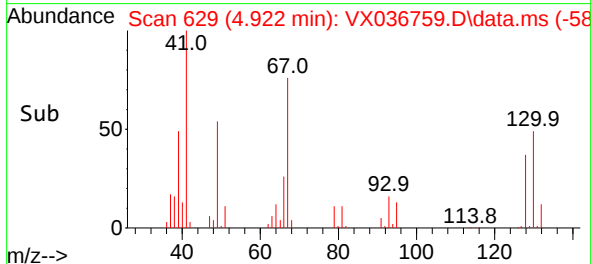
Tgt Ion: 41 Resp: 72884
Ion Ratio Lower Upper
41 100
39 56.8 45.2 67.8
67 75.8 52.6 78.8
52 30.3 22.7 34.1

Manual Integrations

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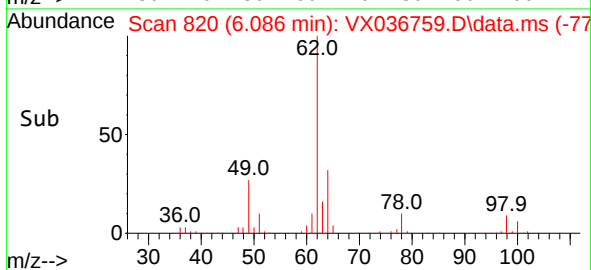
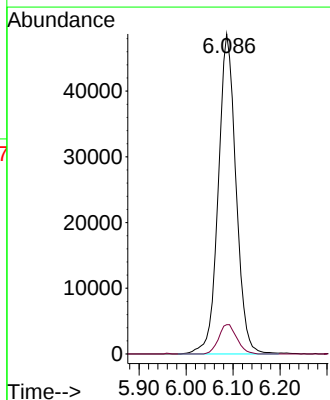
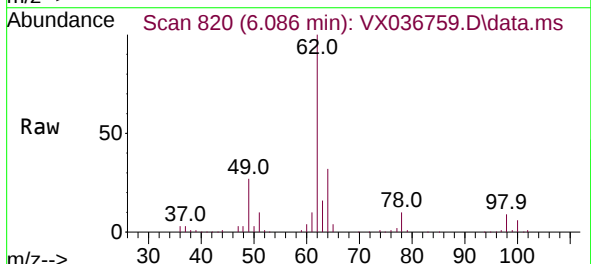
Reviewed By :John Carlone 08/02/2023

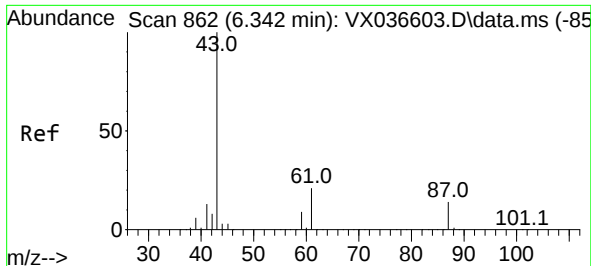
Supervised By :Mahesh Dadoda 08/02/2023



#42
1,2-Dichloroethane
Concen: 49.932 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

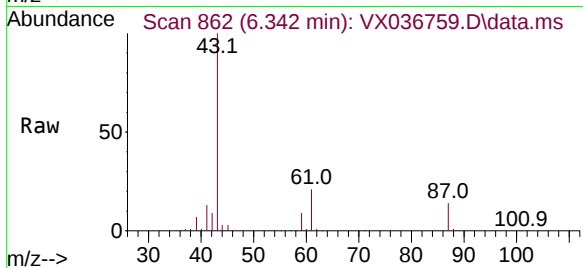
Tgt Ion: 62 Resp: 127770
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 46.842 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

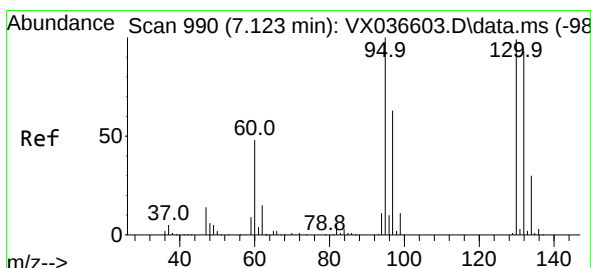
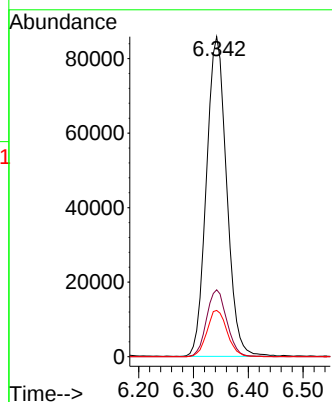
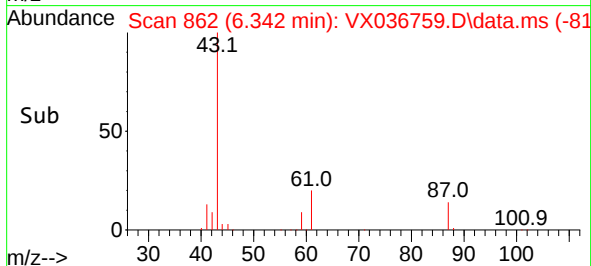
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 21953
Ion Ratio Lower Upper
43 100
61 21.0 15.2 22.8
87 14.5 9.8 14.6

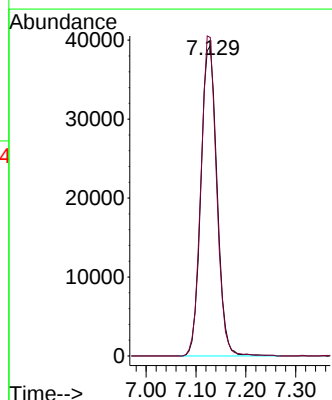
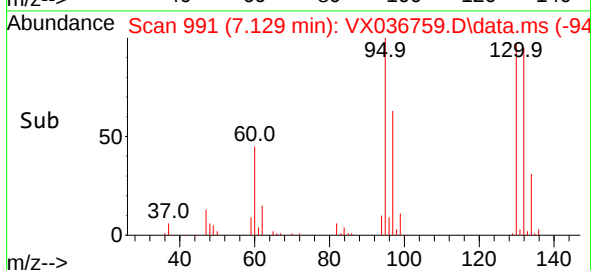
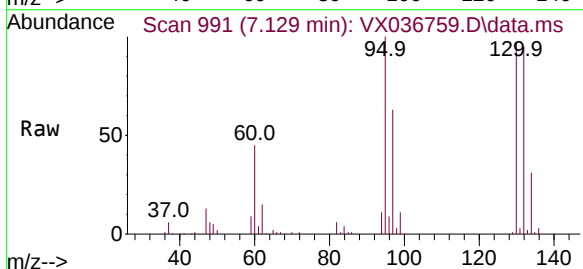
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#44
Trichloroethene
Concen: 48.352 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Tgt Ion:130 Resp: 88455
Ion Ratio Lower Upper
130 100
95 102.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 47.325 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8843

Ion Ratio Lower Upper

63 100

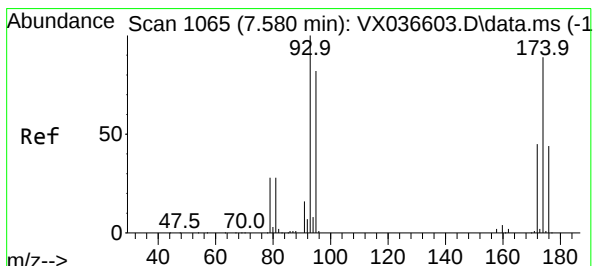
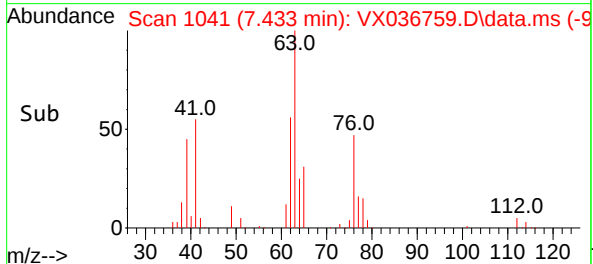
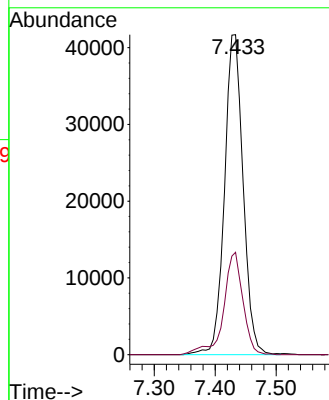
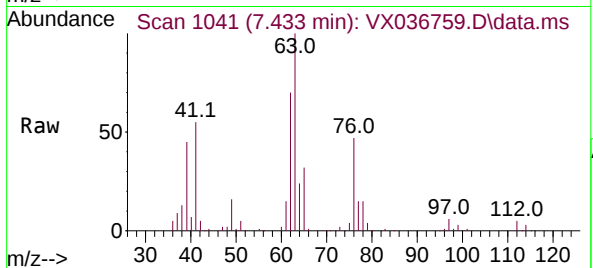
65 32.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#46

Dibromomethane

Concen: 49.753 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

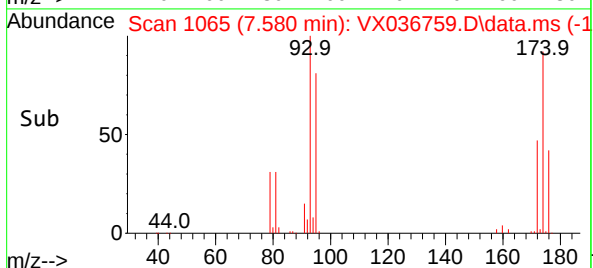
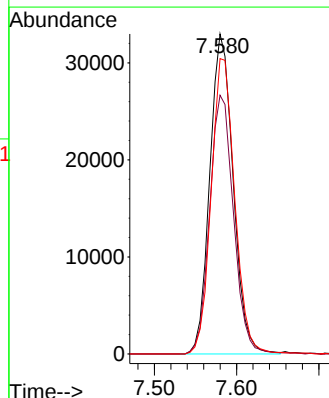
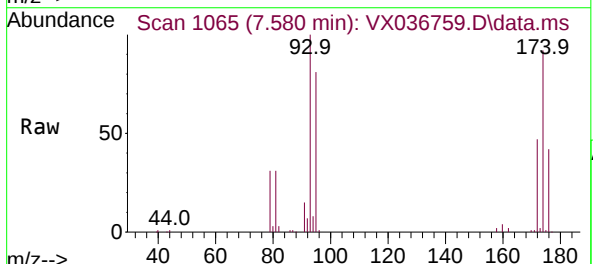
Tgt Ion: 93 Resp: 65066

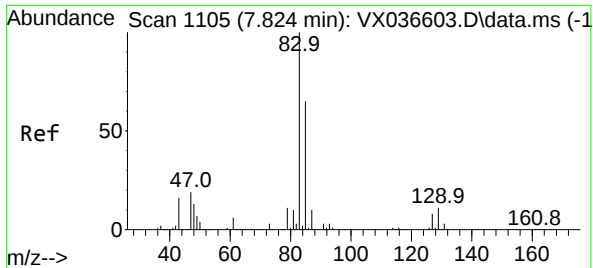
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

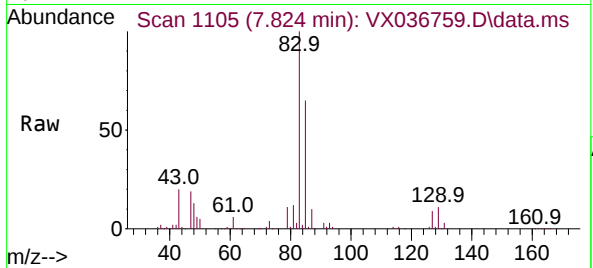
174 93.3 69.4 104.0





#47
Bromodichloromethane
Concen: 49.178 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

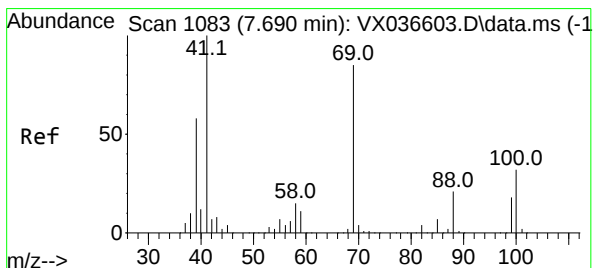
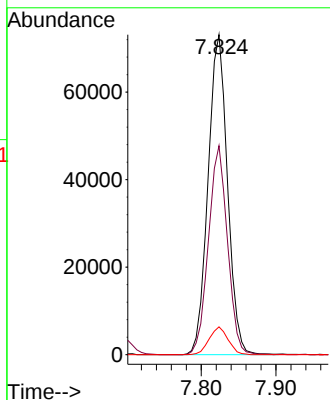
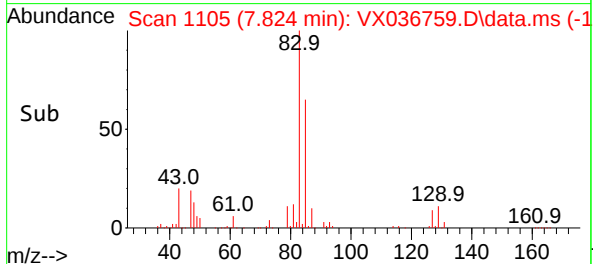
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



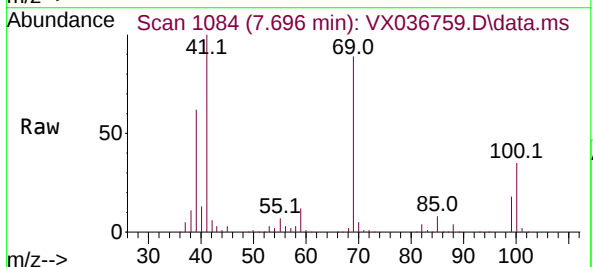
Tgt Ion: 83 Resp: 132014
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.6
127 8.7 7.1 10.7

Manual Integrations
APPROVED

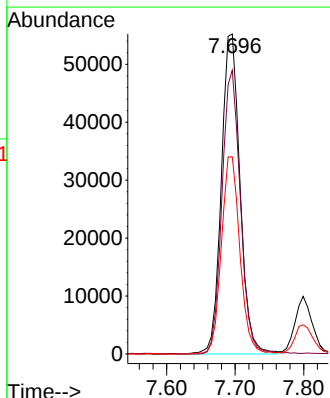
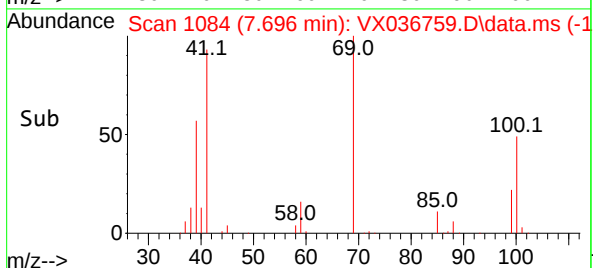
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

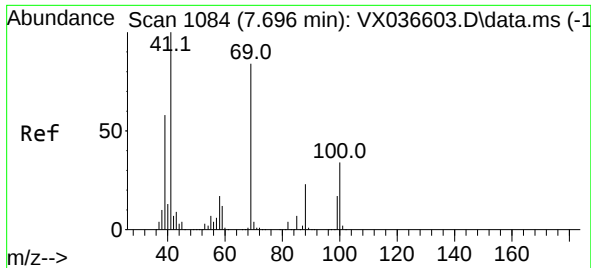


#48
Methyl methacrylate
Concen: 47.966 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26



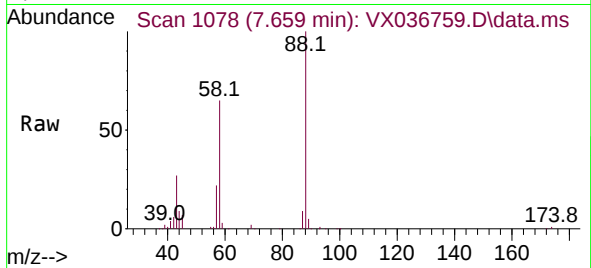
Tgt Ion: 41 Resp: 104547
Ion Ratio Lower Upper
41 100
69 87.3 59.2 88.8
39 61.1 47.7 71.5





#49
1,4-Dioxane
Concen: 1195.346 ug/l
RT: 7.659 min Scan# 1084
Delta R.T. -0.037 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

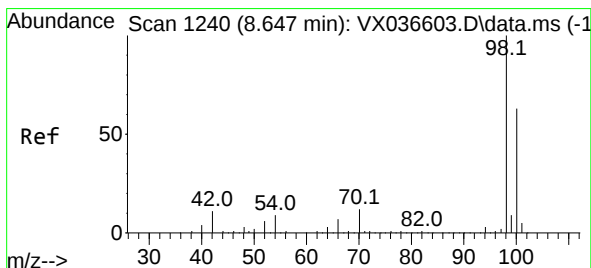
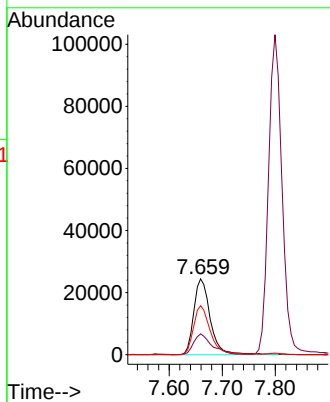
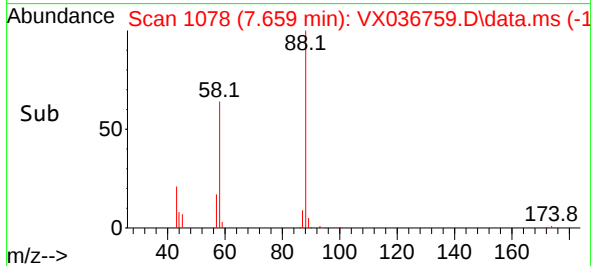
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 5263
Ion Ratio Lower Upper
88 100
43 30.7 0.0 0.0
58 65.7 60.1 90.1

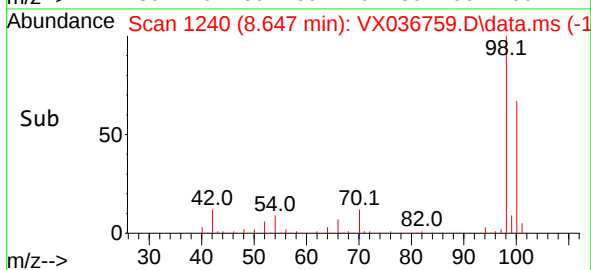
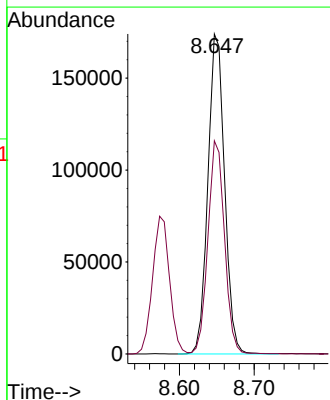
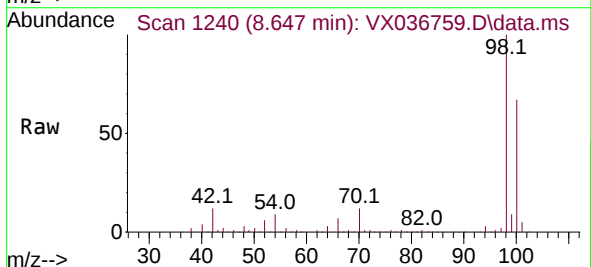
Manual Integrations
APPROVED

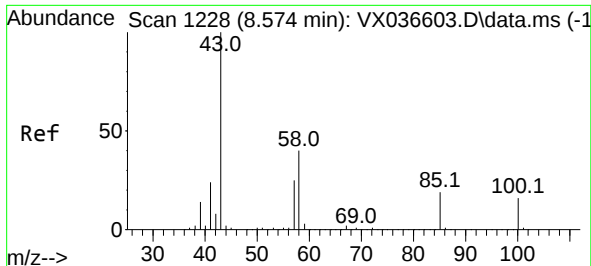
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#50
Toluene-d8
Concen: 47.035 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Tgt Ion: 98 Resp: 269195
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 257.480 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

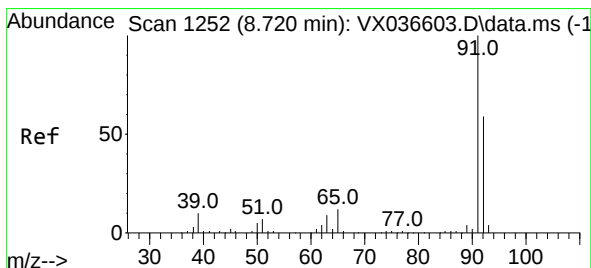
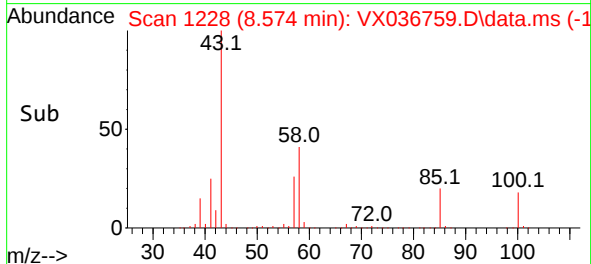
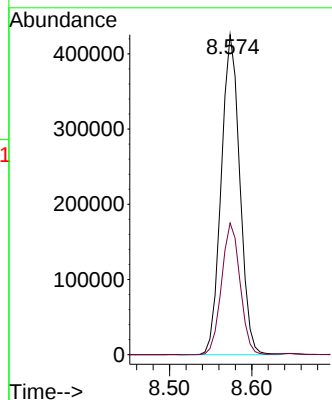
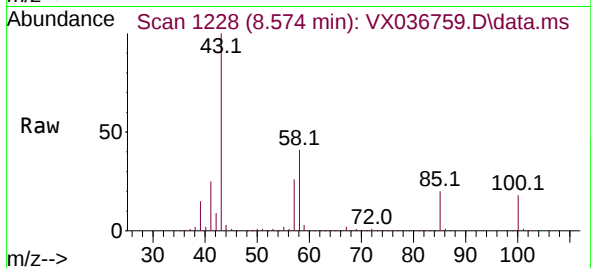
VSTDCCC050EC

Tgt Ion: 43 Resp: 667804
Ion Ratio Lower Upper
43 100
58 40.9 30.4 45.6

Manual Integrations

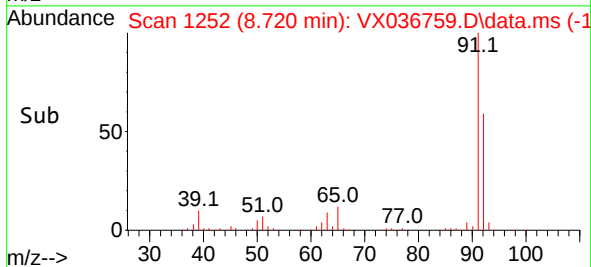
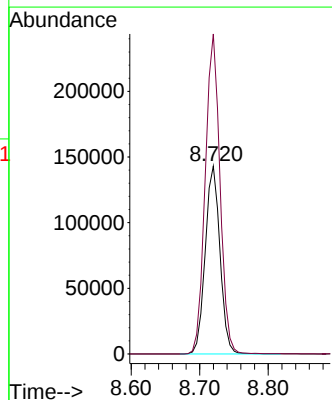
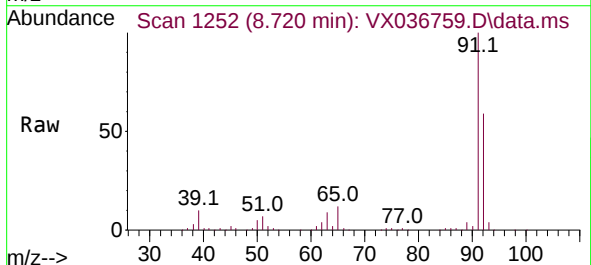
APPROVED

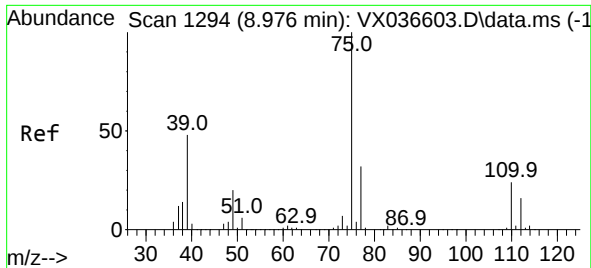
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#52
Toluene
Concen: 48.918 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

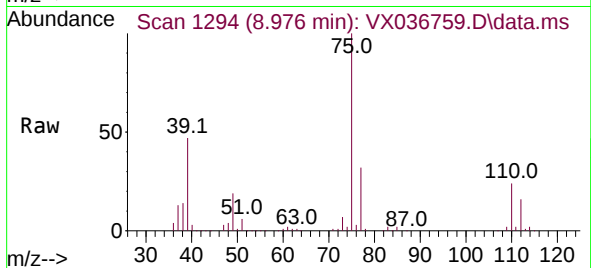
Tgt Ion: 92 Resp: 214521
Ion Ratio Lower Upper
92 100
91 170.7 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 46.591 ug/l
 RT: 8.976 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VX036759.D
 Acq: 01 Aug 2023 19:26

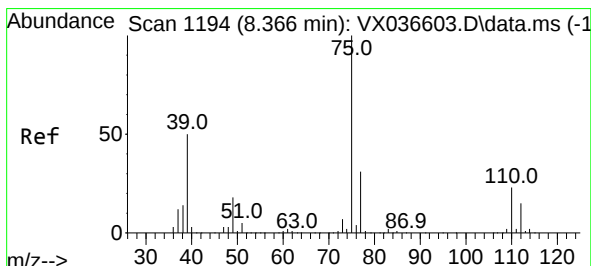
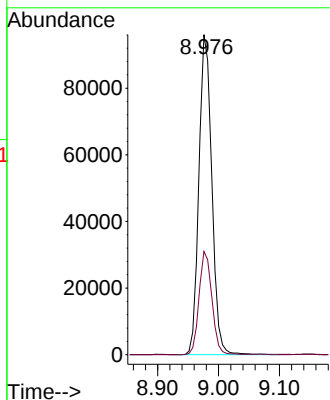
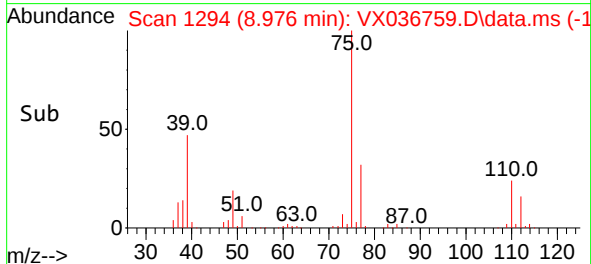
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 141360
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.7 38.5

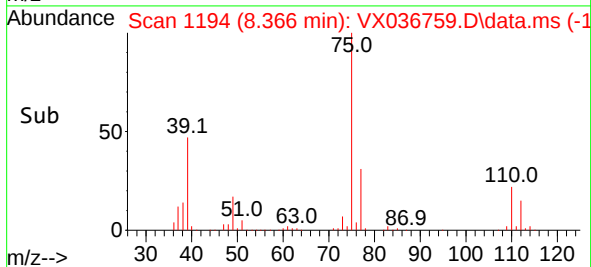
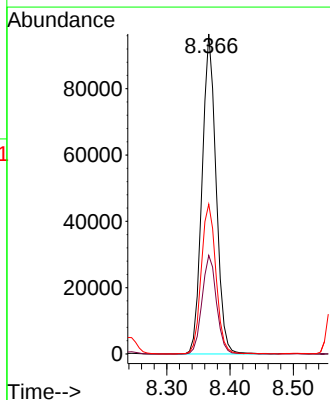
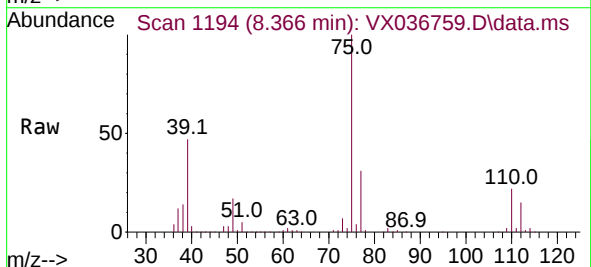
Manual Integrations
 APPROVED

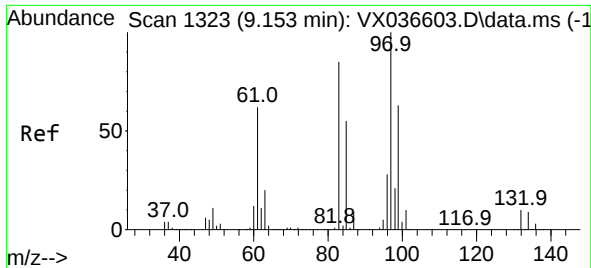
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023



#54
 cis-1,3-Dichloropropene
 Concen: 46.580 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX036759.D
 Acq: 01 Aug 2023 19:26

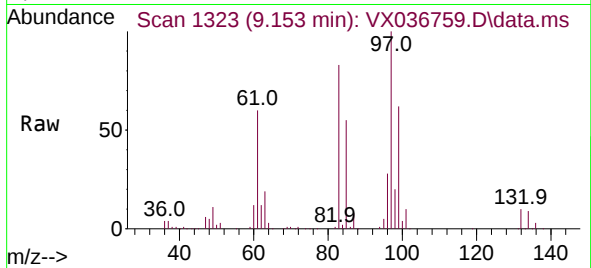
Tgt Ion: 75 Resp: 149127
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.3 37.9
 39 46.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.416 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

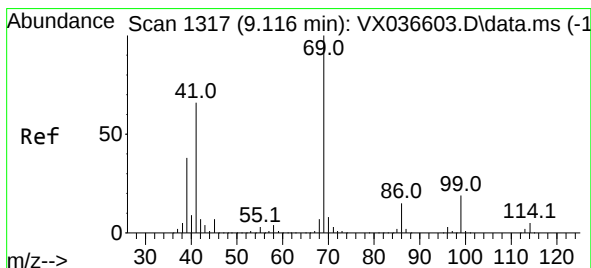
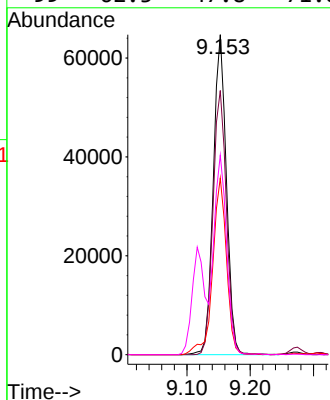
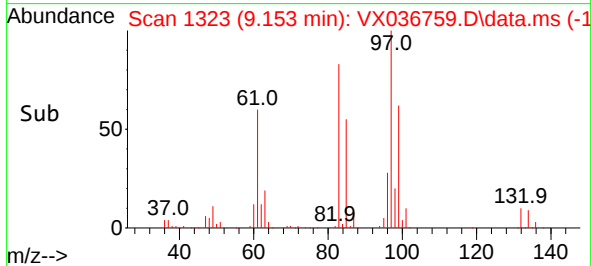
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.8	98.8
85	55.2	41.6	62.4
99	62.3	47.8	71.8

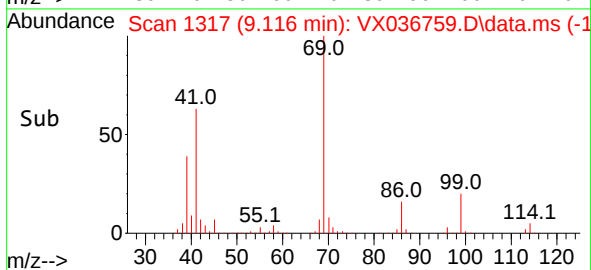
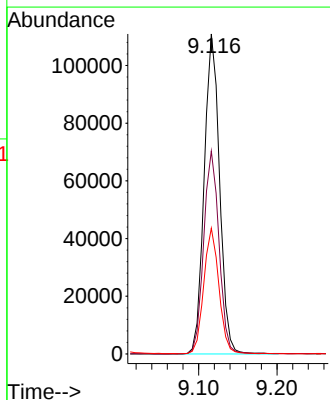
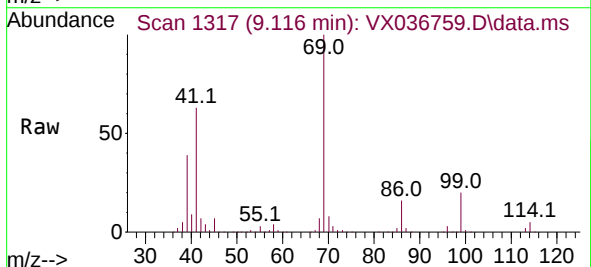
Manual Integrations
APPROVED

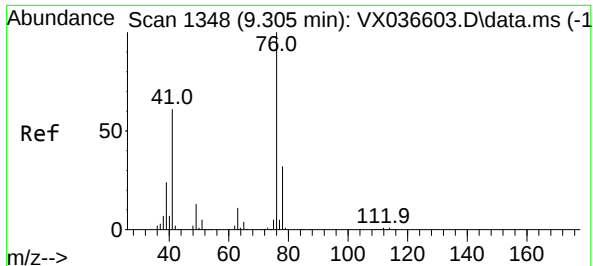
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#56
Ethyl methacrylate
Concen: 50.341 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

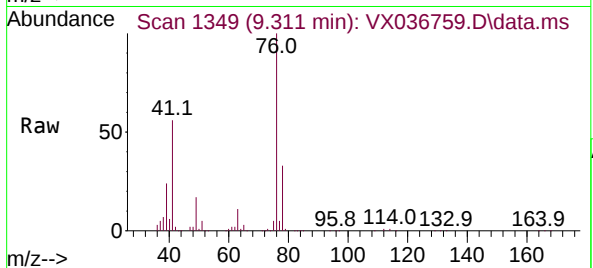
Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.5	56.8	85.2
39	38.6	32.0	48.0





#57
1,3-Dichloropropane
Concen: 50.411 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

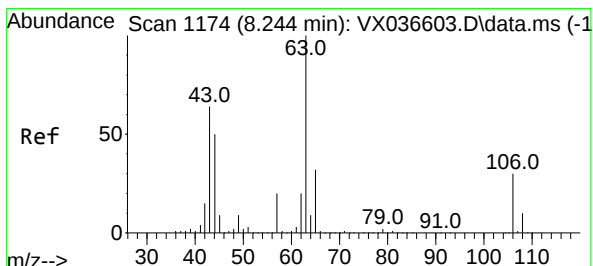
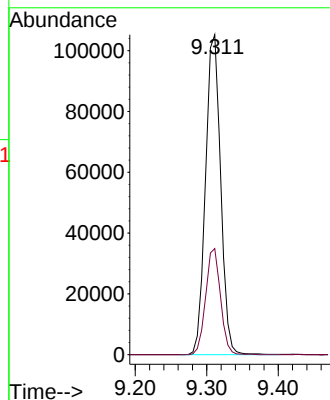
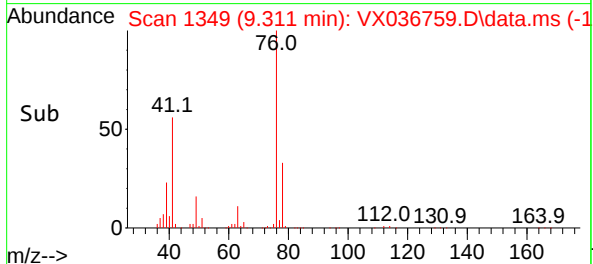
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 154778
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

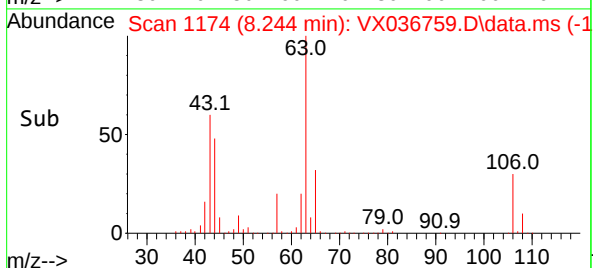
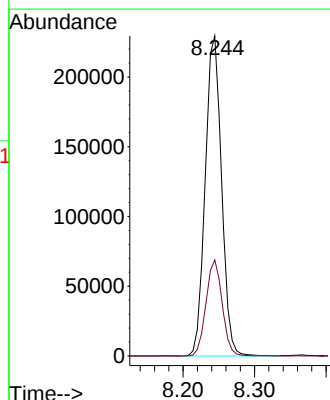
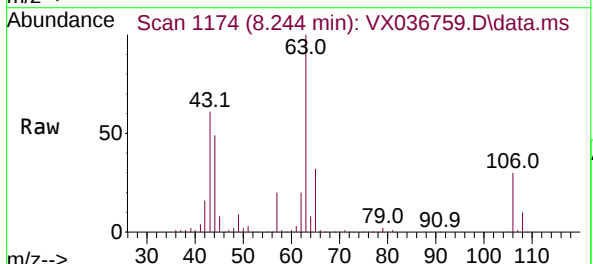
Manual Integrations
APPROVED

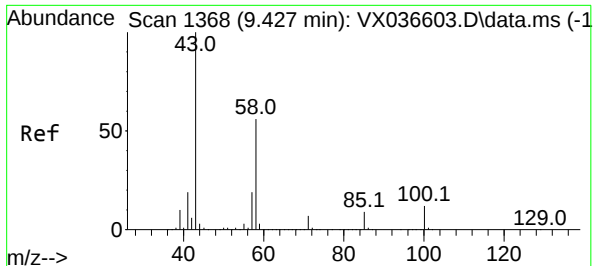
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#58
2-Chloroethyl Vinyl ether
Concen: 246.332 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Tgt Ion: 63 Resp: 364336
Ion Ratio Lower Upper
63 100
106 29.6 22.5 33.7





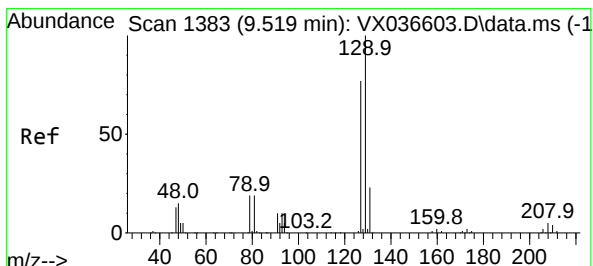
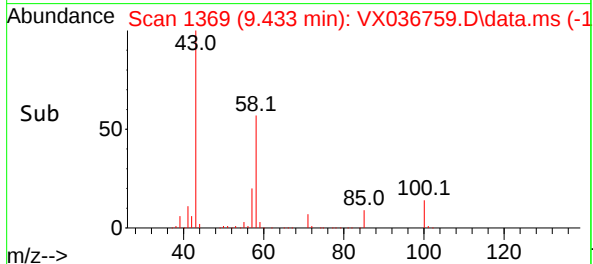
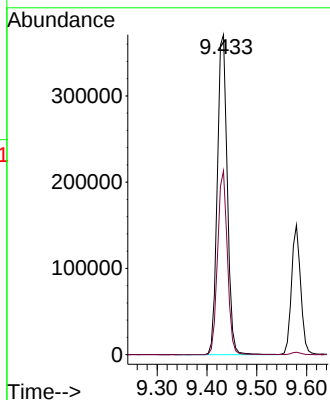
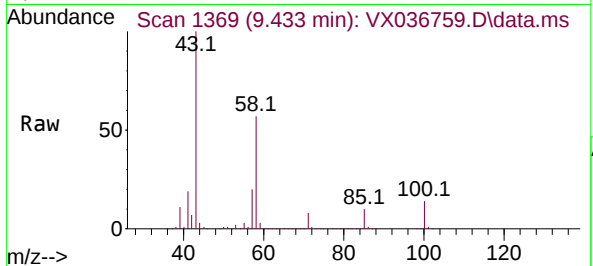
#59
2-Hexanone
Concen: 266.585 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 513140
Ion Ratio Lower Upper
43 100
58 56.5 26.2 78.5

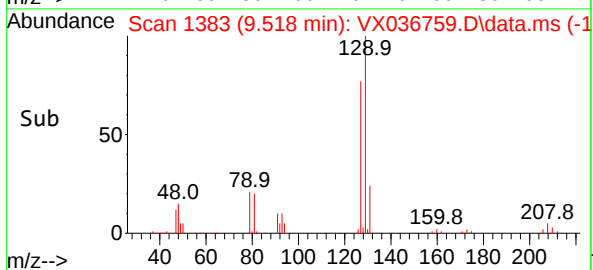
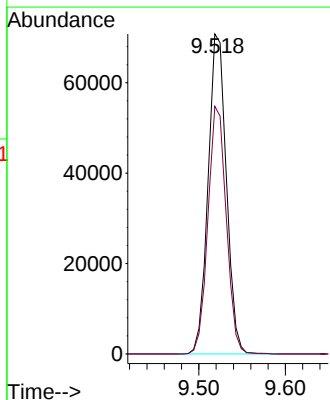
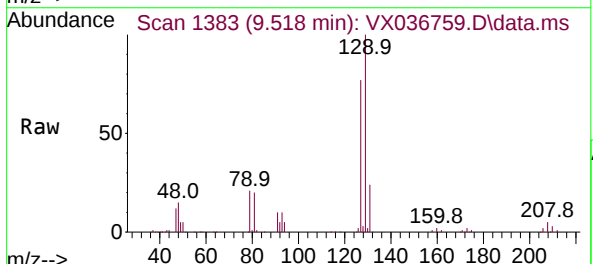
Manual Integrations
APPROVED

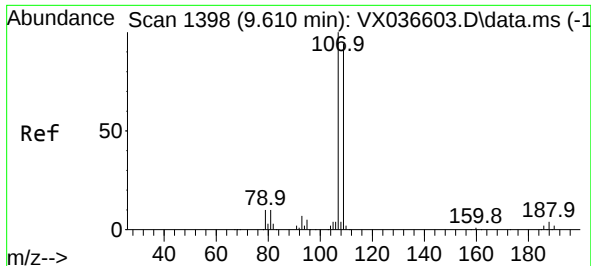
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#60
Dibromochloromethane
Concen: 51.171 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

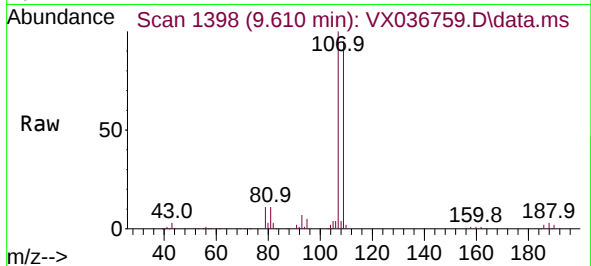
Tgt Ion:129 Resp: 103679
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.202 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

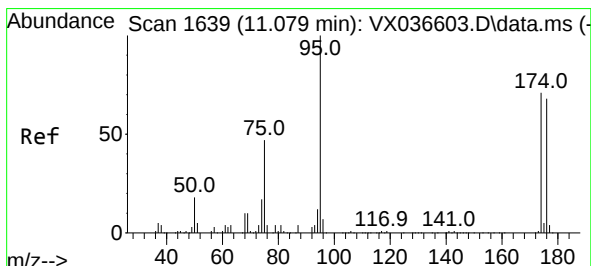
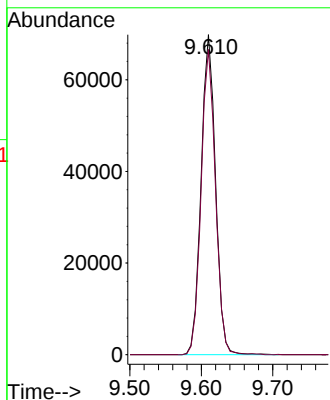
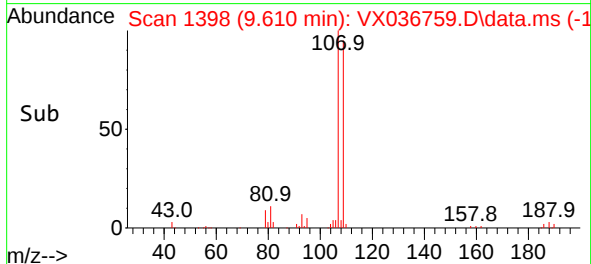
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



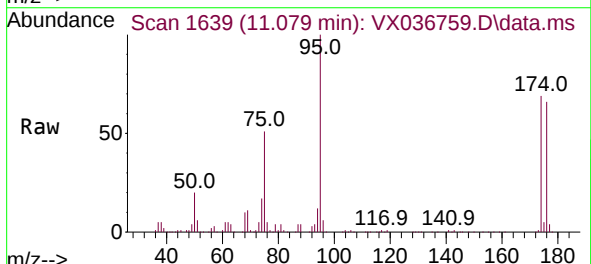
Tgt Ion:107 Resp: 9782
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8

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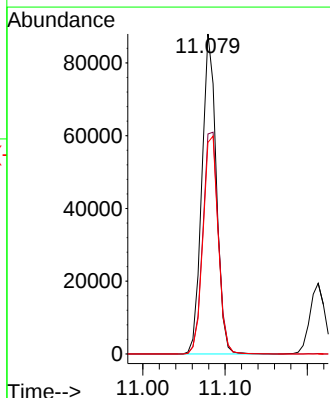
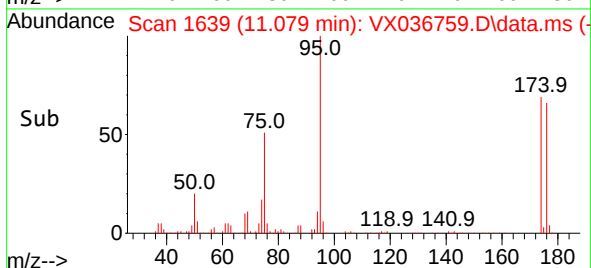
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

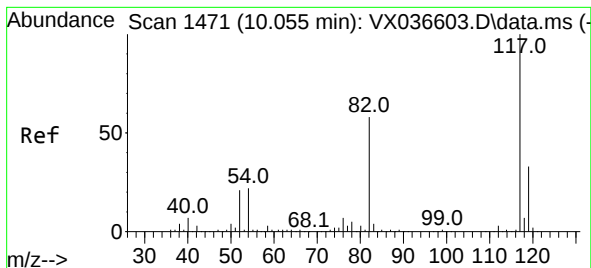


#62
4-Bromofluorobenzene
Concen: 49.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26



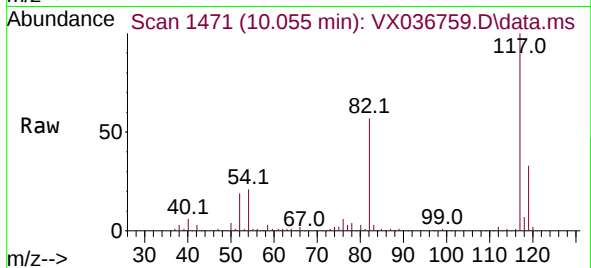
Tgt Ion: 95 Resp: 107209
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 71.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

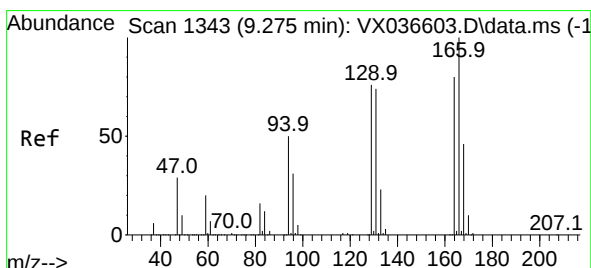
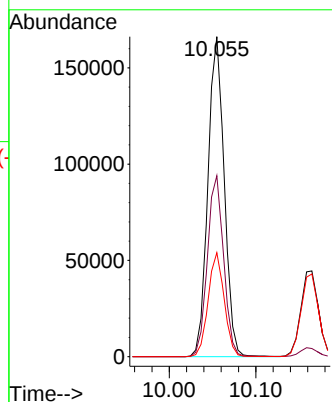
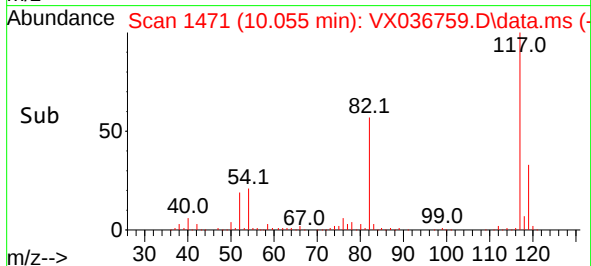
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 21748
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.5 25.5 38.3

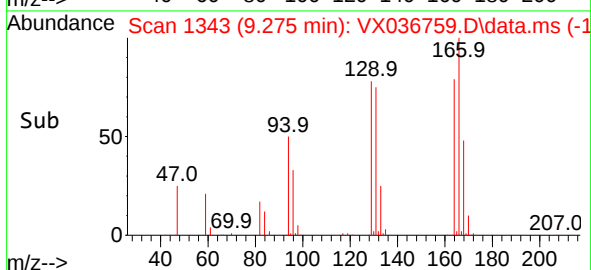
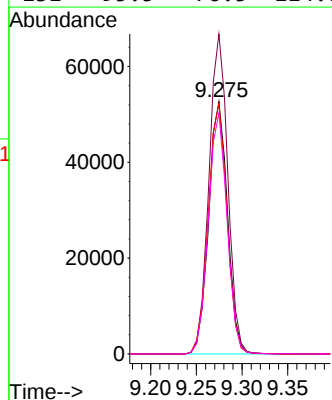
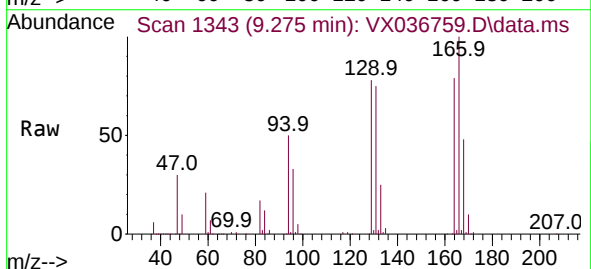
Manual Integrations
APPROVED

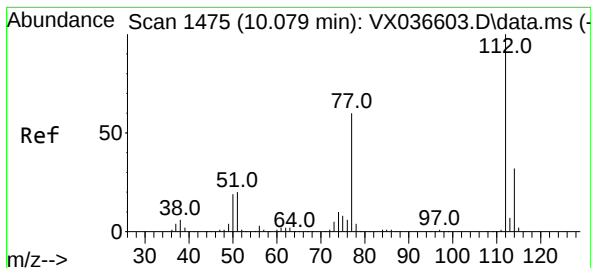
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#64
Tetrachloroethene
Concen: 46.428 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

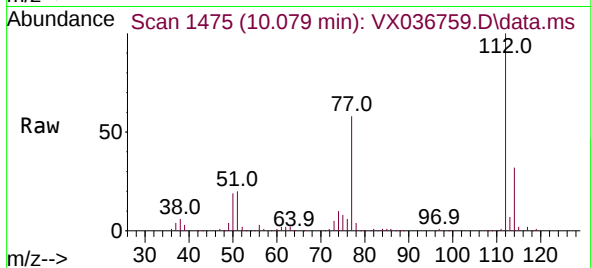
Tgt Ion:164 Resp: 75313
Ion Ratio Lower Upper
164 100
166 126.9 102.7 154.1
129 99.4 80.4 120.6
131 95.5 76.5 114.7





#65
Chlorobenzene
Concen: 48.088 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

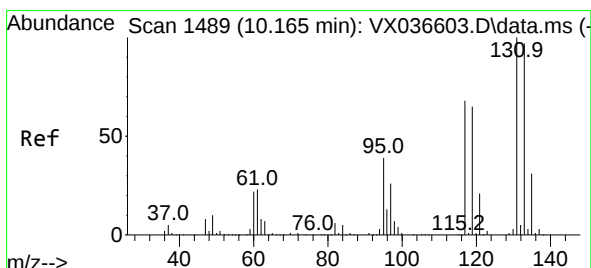
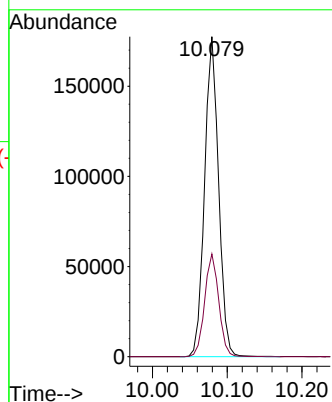
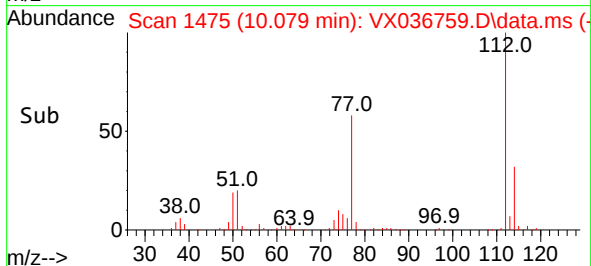
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



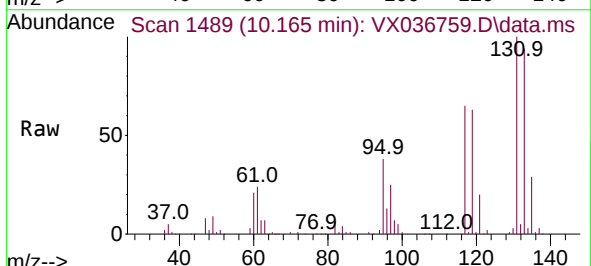
Tgt Ion:112 Resp: 230528
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

Manual Integrations
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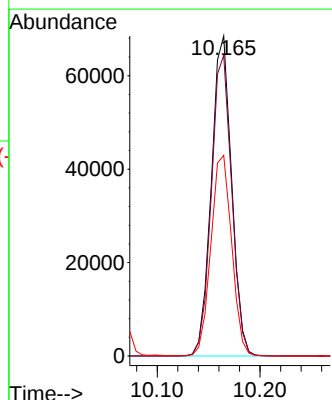
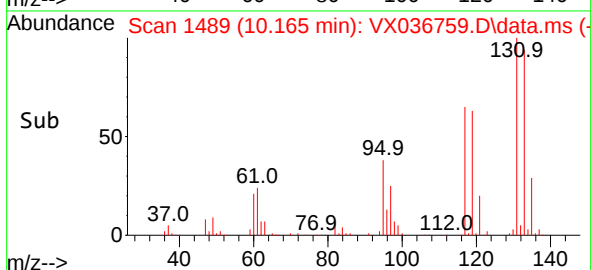
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

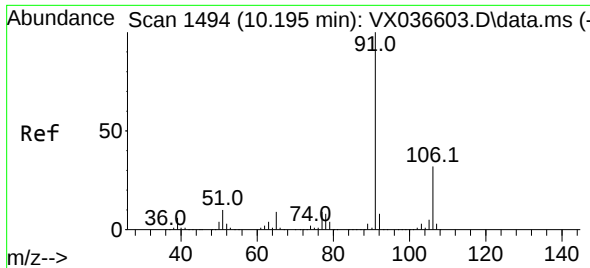


#66
1,1,1,2-Tetrachloroethane
Concen: 50.494 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26



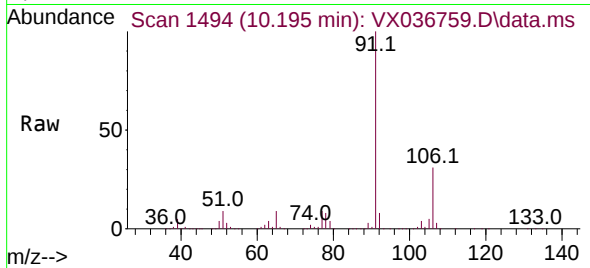
Tgt Ion:131 Resp: 93561
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 64.4 32.2 96.6





#67
Ethyl Benzene
Concen: 47.658 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

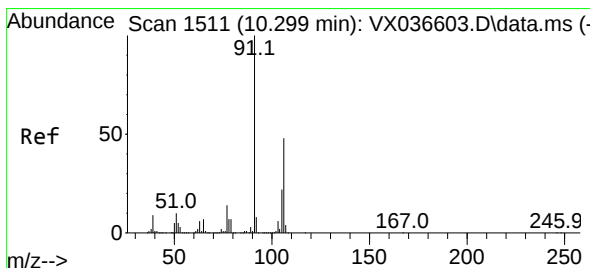
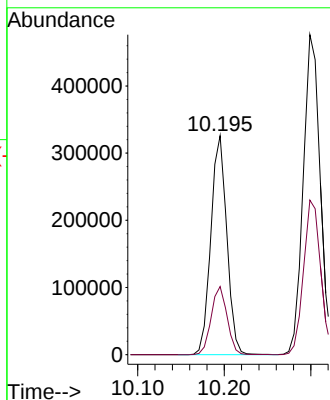
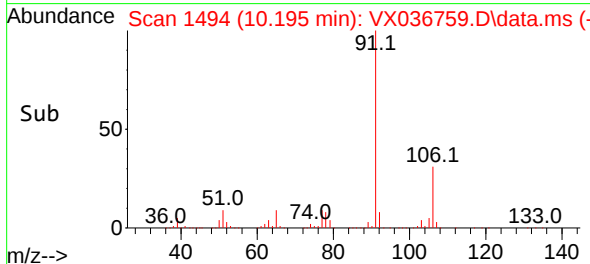
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



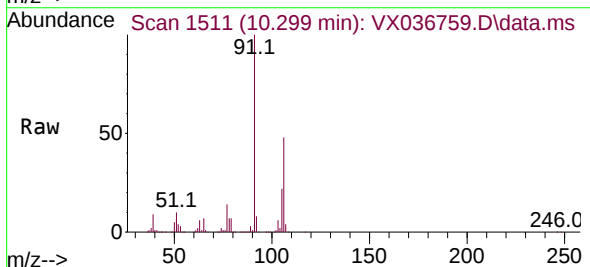
Tgt Ion: 91 Resp: 41736
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

Manual Integrations
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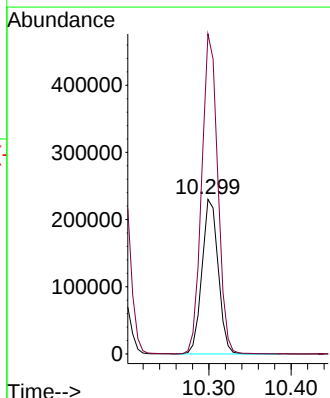
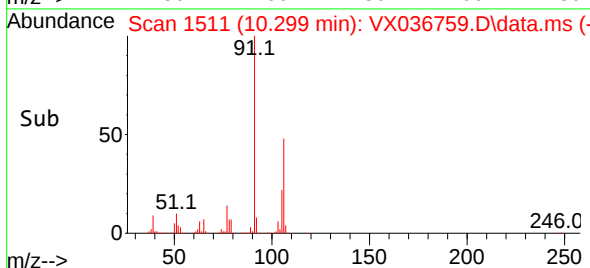
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

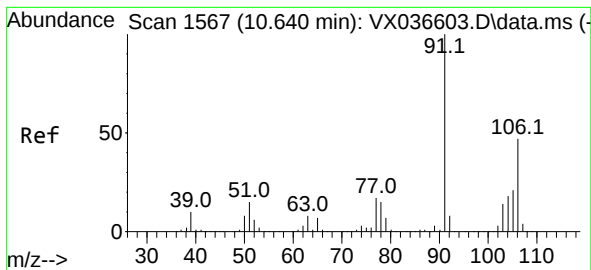


#68
m/p-Xylenes
Concen: 96.517 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26



Tgt Ion:106 Resp: 315374
Ion Ratio Lower Upper
106 100
91 205.1 165.5 248.3





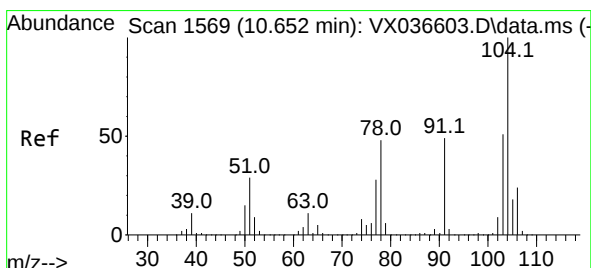
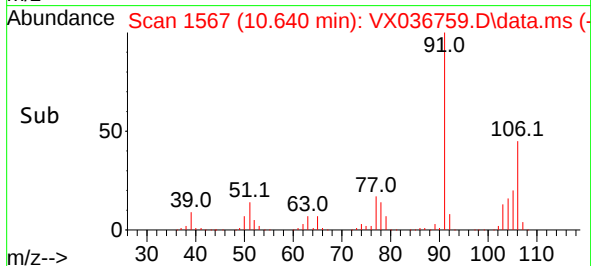
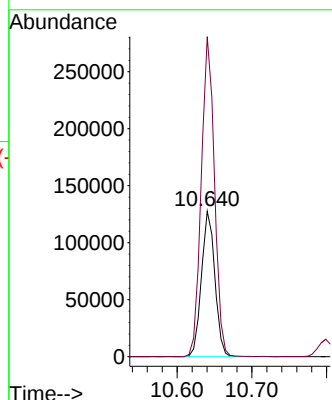
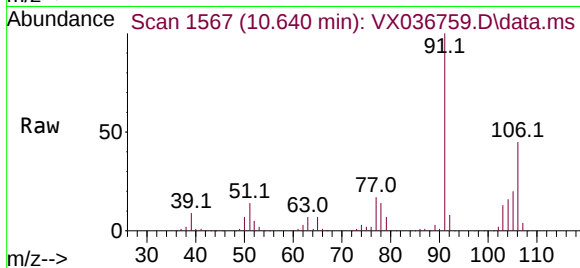
#69
o-Xylene
Concen: 48.657 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 158699
Ion Ratio Lower Upper
106 100
91 217.2 108.9 326.8

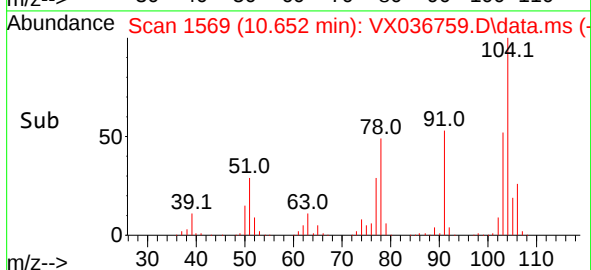
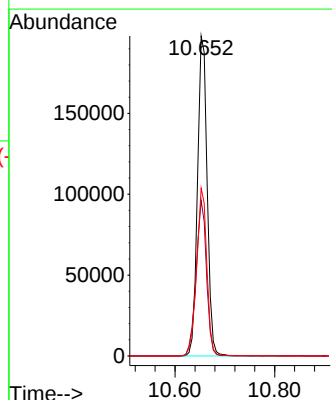
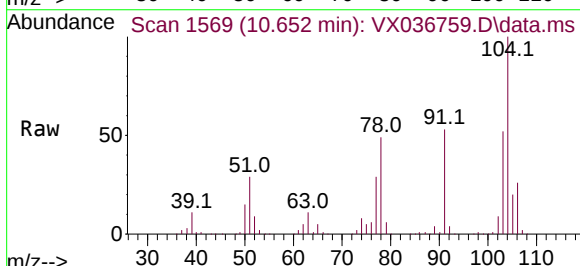
Manual Integrations
APPROVED

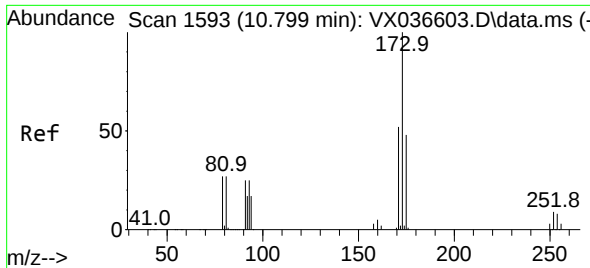
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#70
Styrene
Concen: 49.373 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

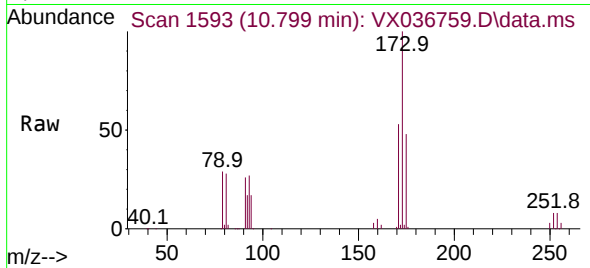
Tgt Ion:104 Resp: 265687
Ion Ratio Lower Upper
104 100
78 52.4 43.6 65.4
103 55.4 43.6 65.4





#71
Bromoform
Concen: 51.196 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

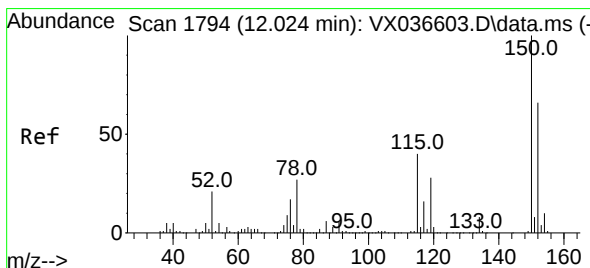
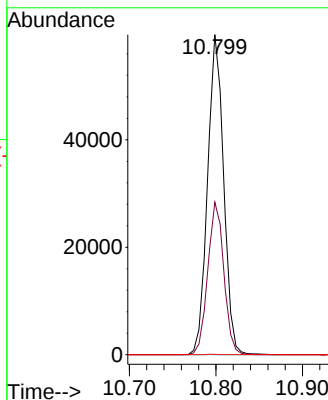
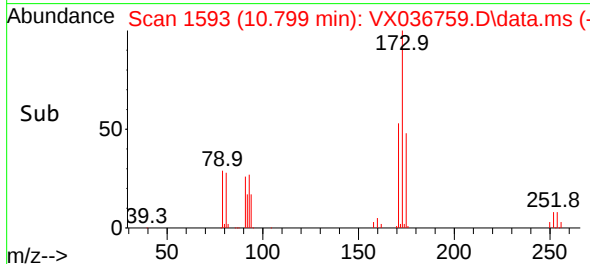
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 76789
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.4
254 0.1 0.0 0.0

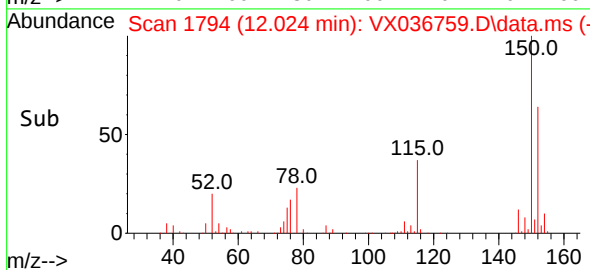
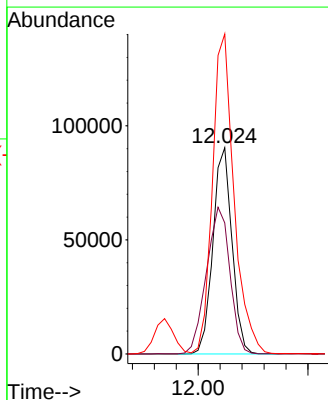
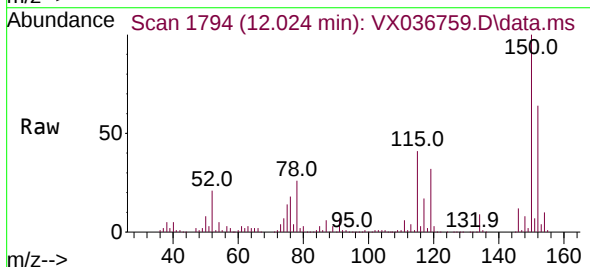
Manual Integrations
APPROVED

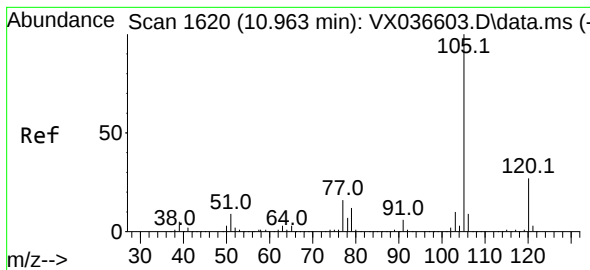
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Tgt Ion:152 Resp: 109249
Ion Ratio Lower Upper
152 100
115 87.8 43.3 129.9
150 175.2 0.0 345.0





#73

Isopropylbenzene

Concen: 46.308 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 41868

Ion Ratio Lower Upper

105 100

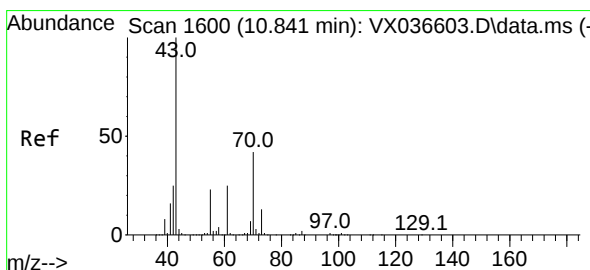
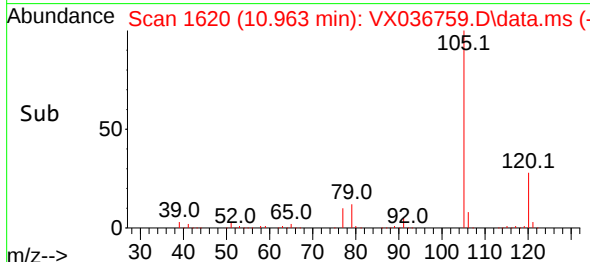
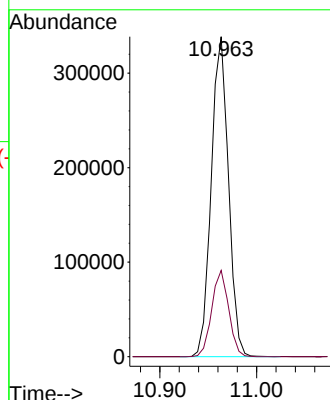
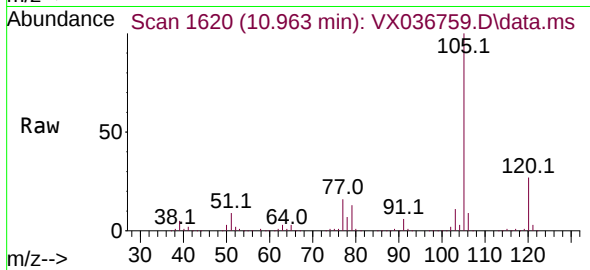
120 26.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#74

N-ethyl acetate

Concen: 44.853 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

Tgt Ion: 43 Resp: 189107

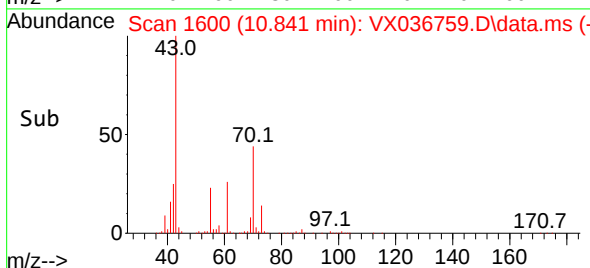
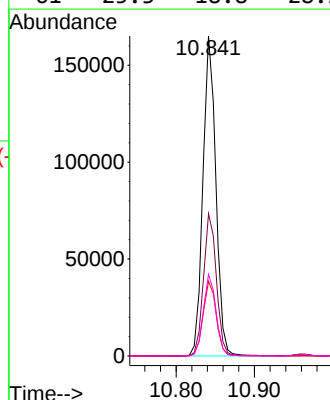
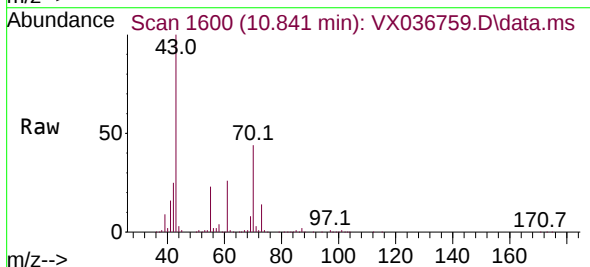
Ion Ratio Lower Upper

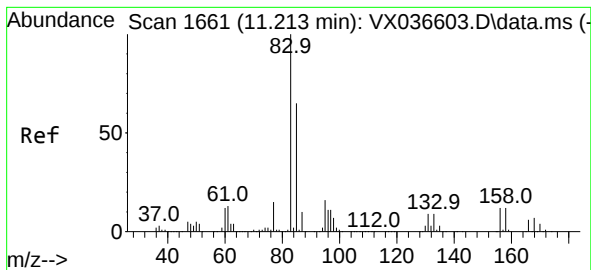
43 100

70 44.6 32.9 49.3

55 23.8 19.3 28.9

61 25.3 18.8 28.2





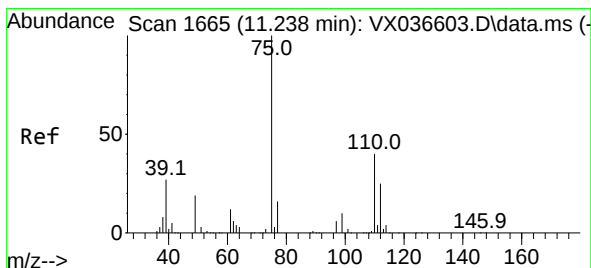
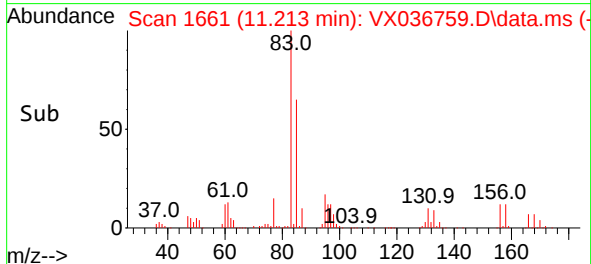
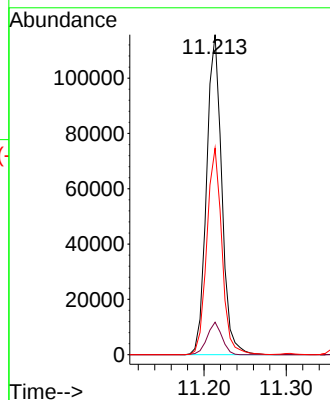
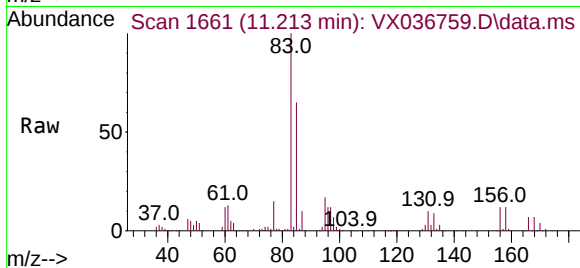
#75
1,1,2,2-Tetrachloroethane
Concen: 48.634 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 148510
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.0 32.0 96.2

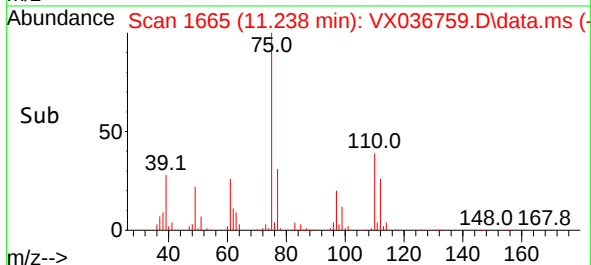
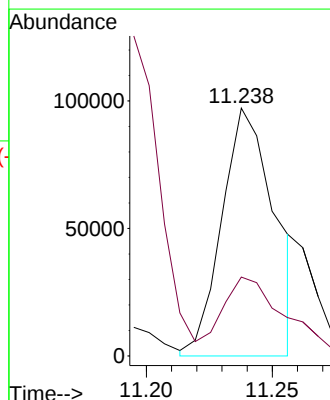
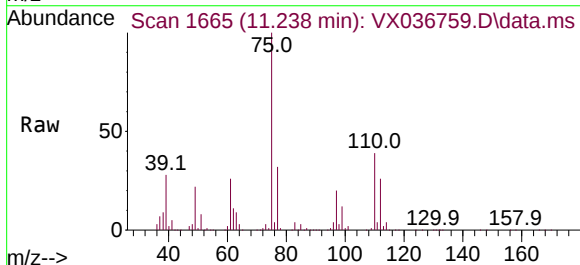
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#76
1,2,3-Trichloropropane
Concen: 54.854 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Tgt Ion: 75 Resp: 140955
Ion Ratio Lower Upper
75 100
77 38.4 19.1 57.5





#77

Bromobenzene

Concen: 48.388 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

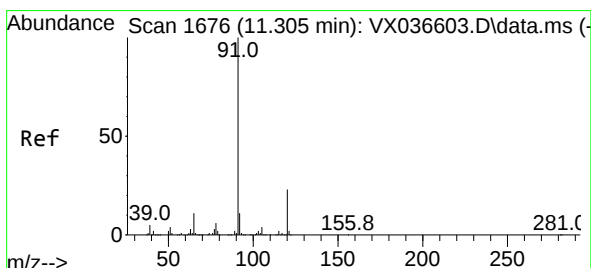
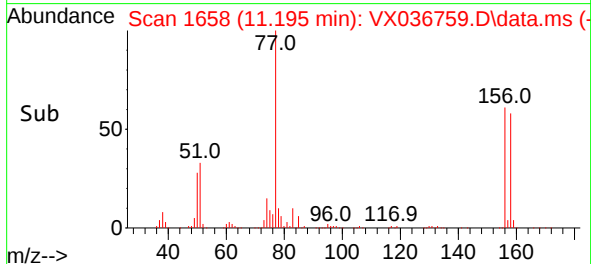
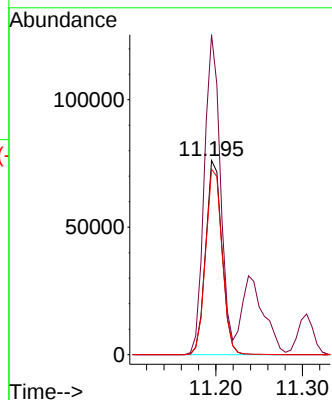
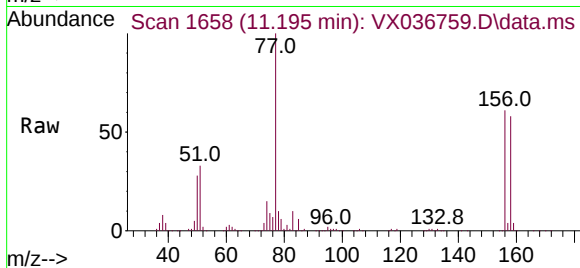
Tgt Ion:	156	Resp:	9963
Ion Ratio	Lower	Upper	
156	100		
77	162.5	88.4	265.3
158	96.8	48.0	144.0

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#78

n-propylbenzene

Concen: 46.175 ug/l

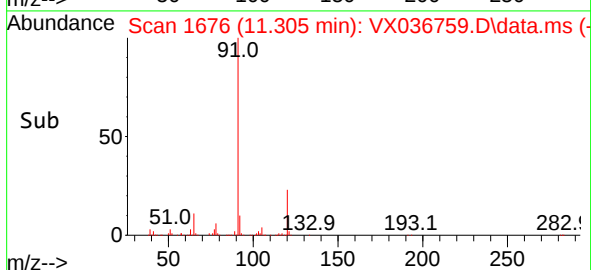
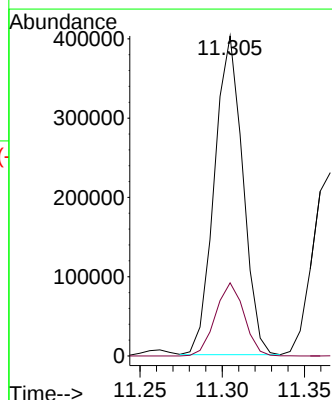
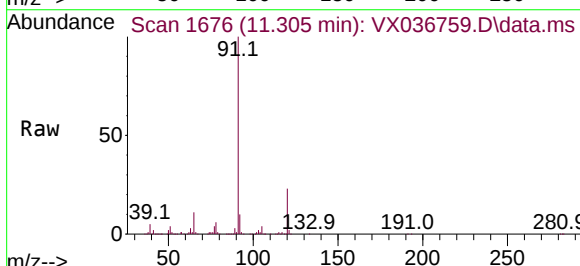
RT: 11.305 min Scan# 1676

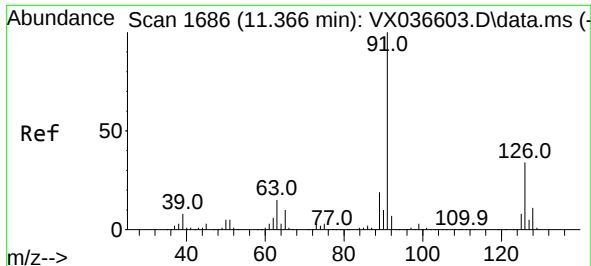
Delta R.T. -0.000 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

Tgt Ion:	91	Resp:	482823
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79
2-Chlorotoluene
Concen: 46.297 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

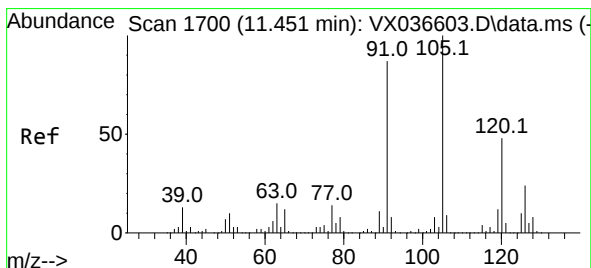
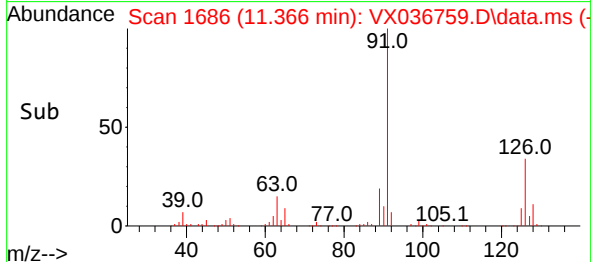
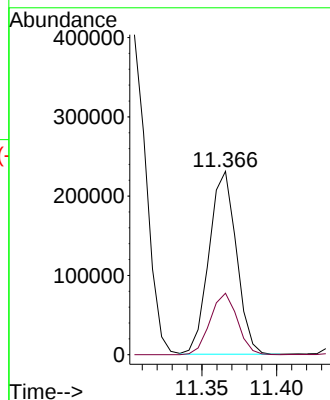
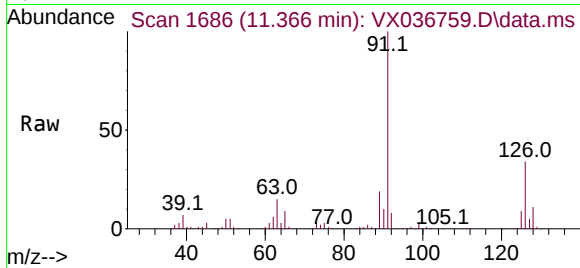
VSTDCCC050EC

Tgt Ion: 91 Resp: 293344
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

Manual Integrations

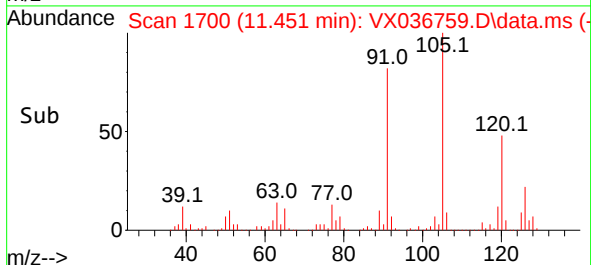
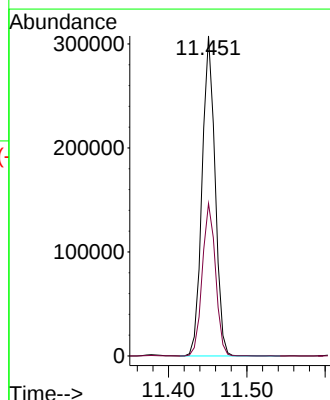
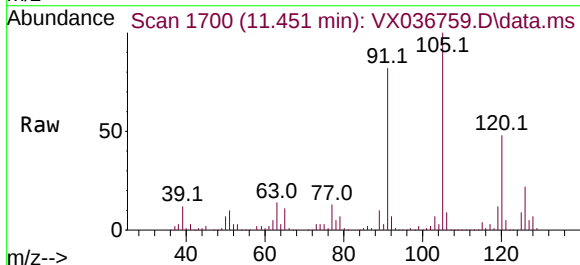
APPROVED

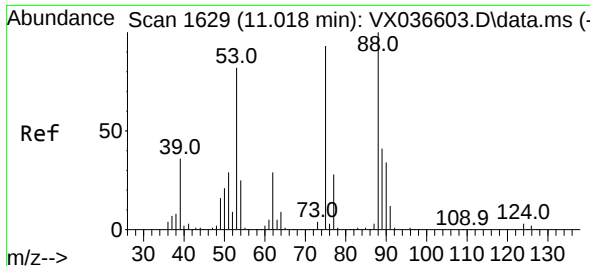
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.914 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Tgt Ion:105 Resp: 354846
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





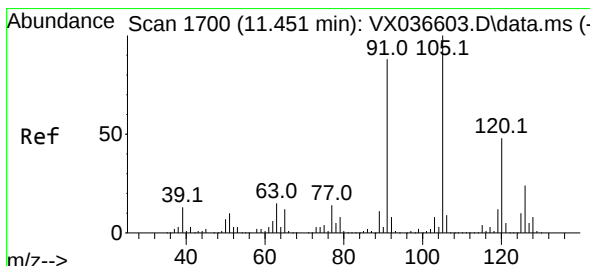
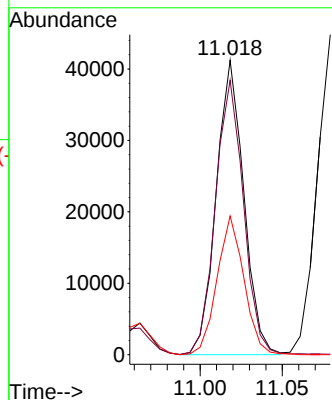
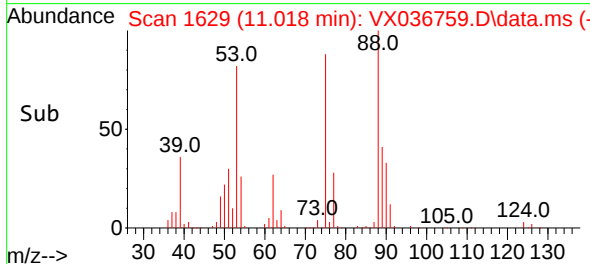
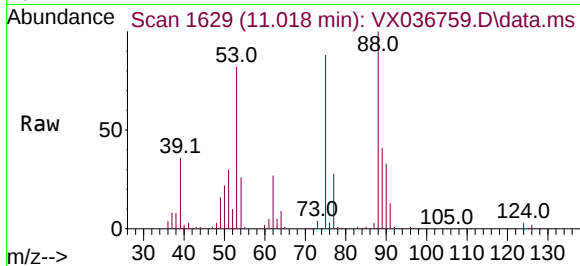
#81
trans-1,4-Dichloro-2-butene
Concen: 42.434 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 48109
Ion Ratio Lower Upper
75 100
53 94.5 90.5 135.7
89 46.0 36.9 55.3

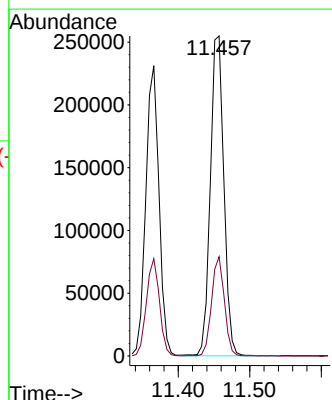
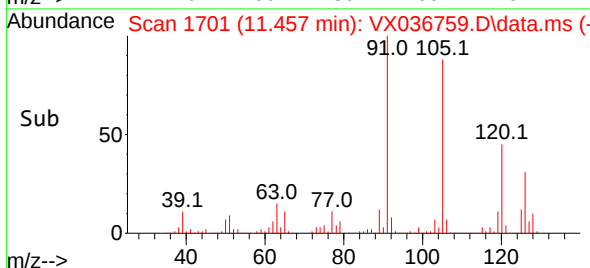
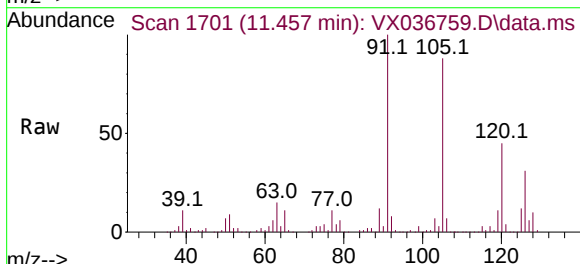
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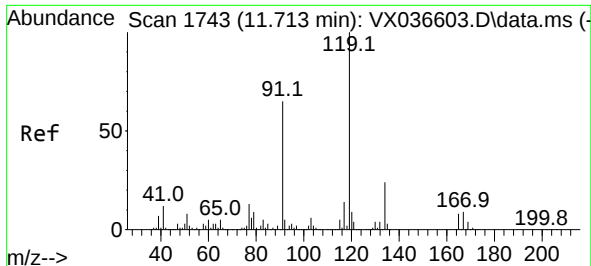
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#82
4-Chlorotoluene
Concen: 46.280 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

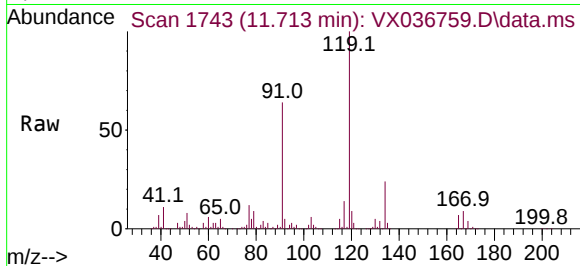
Tgt Ion: 91 Resp: 334115
Ion Ratio Lower Upper
91 100
126 29.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.637 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

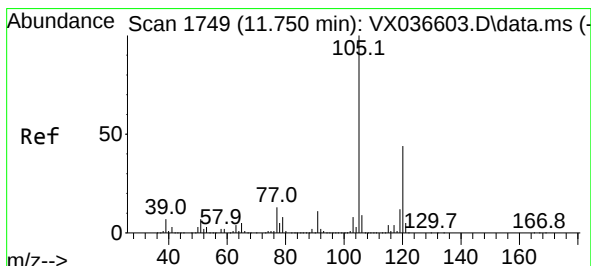
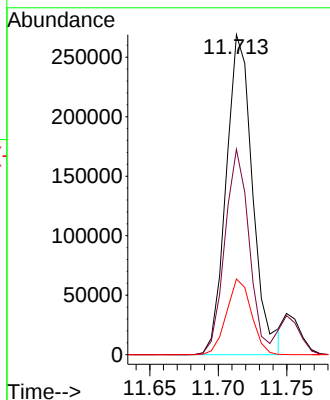
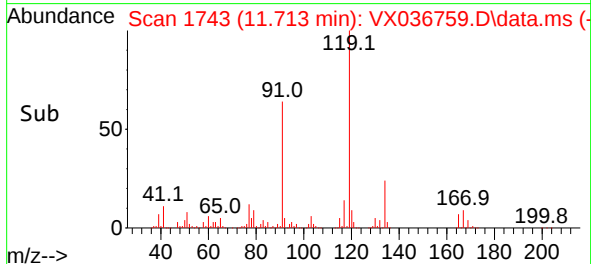
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



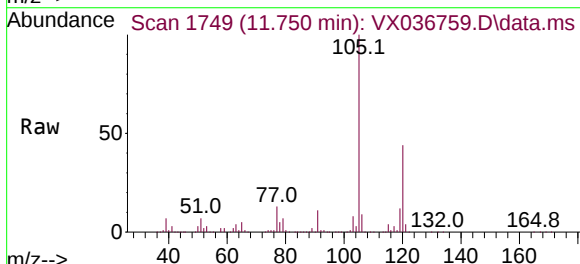
Tgt Ion:119 Resp: 361404
Ion Ratio Lower Upper
119 100
91 59.1 31.2 93.6
134 22.3 11.7 35.0

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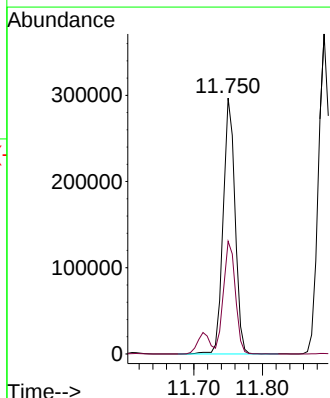
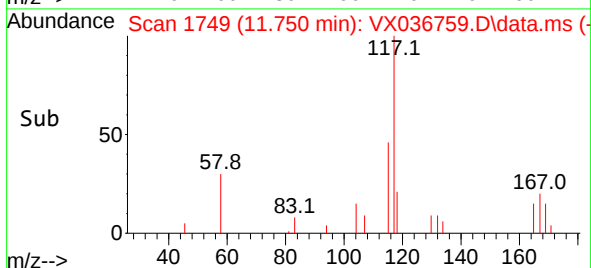
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

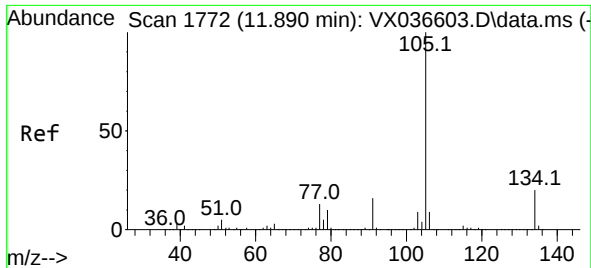


#84
1,2,4-Trimethylbenzene
Concen: 46.954 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26



Tgt Ion:105 Resp: 355179
Ion Ratio Lower Upper
105 100
120 44.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.547 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036759.D
 Acq: 01 Aug 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

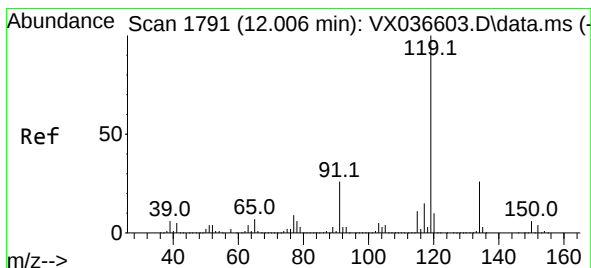
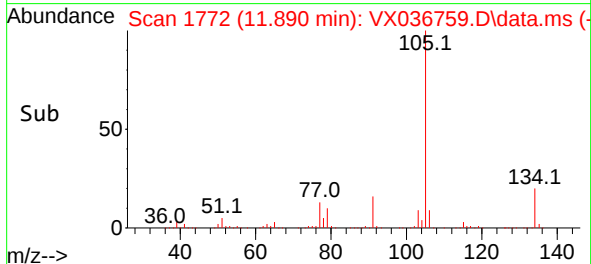
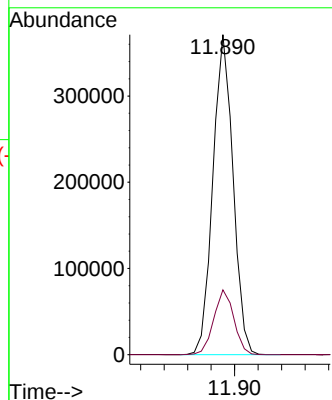
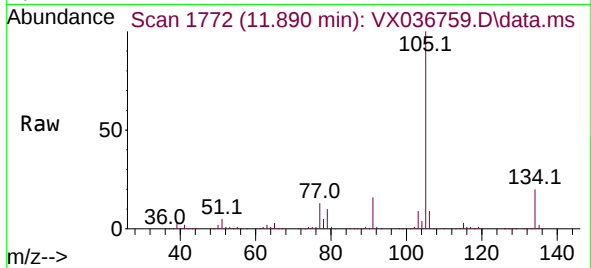
VSTDCCC050EC

Tgt Ion:105 Resp: 440604
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4

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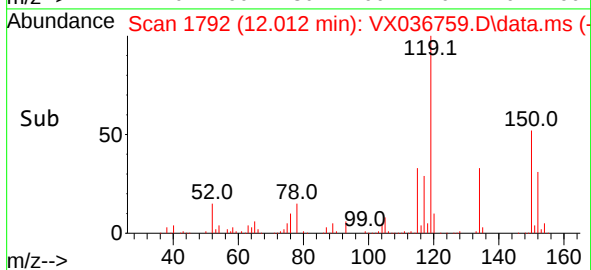
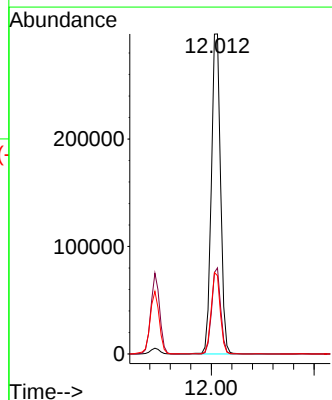
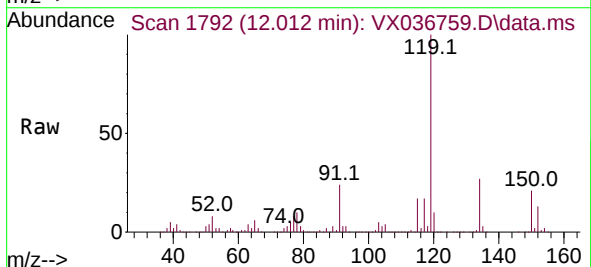
APPROVED

Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023



#86
 p-Isopropyltoluene
 Concen: 48.540 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX036759.D
 Acq: 01 Aug 2023 19:26

Tgt Ion:119 Resp: 370114
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 24.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.221 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 18770

Ion Ratio Lower Upper

146 100

111 41.5 22.1 66.1

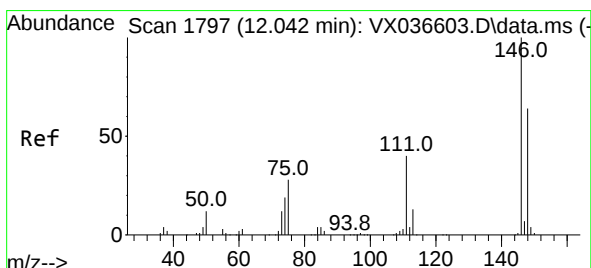
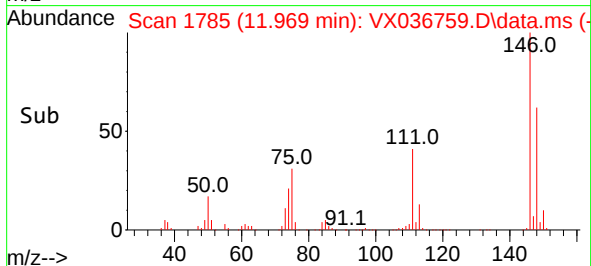
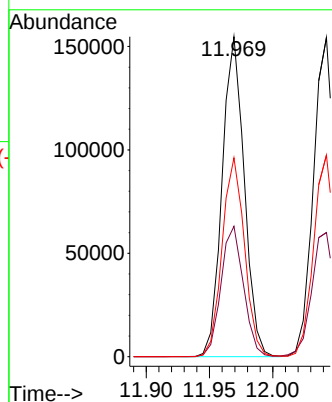
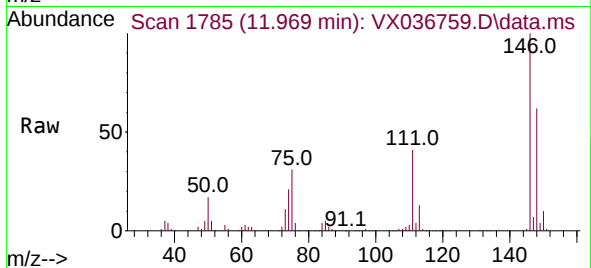
148 62.9 31.8 95.3

Manual Integrations

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Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#88

1,4-Dichlorobenzene

Concen: 49.705 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

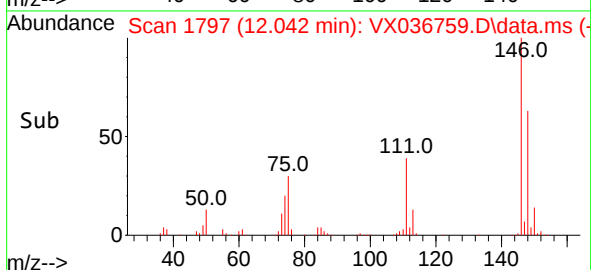
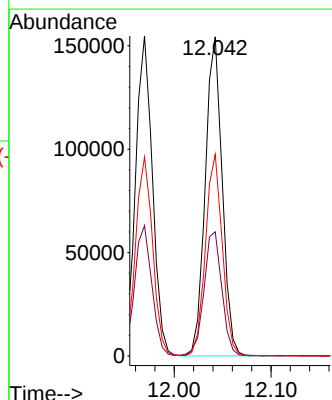
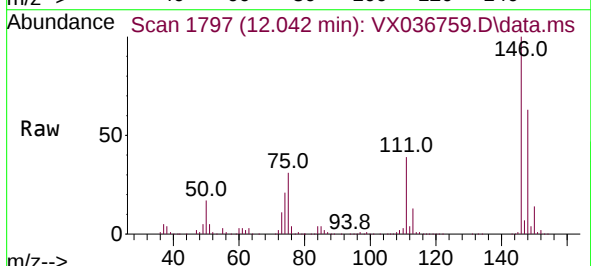
Tgt Ion:146 Resp: 188116

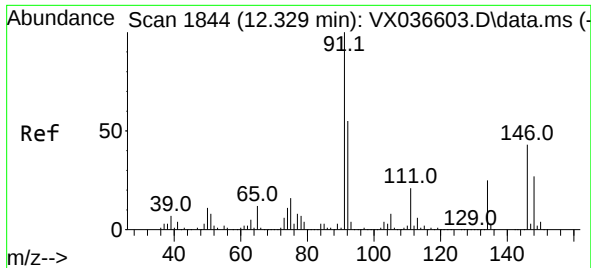
Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.7

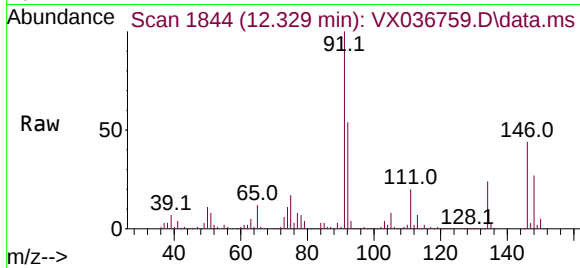
148 62.8 31.8 95.4





#89
n-Butylbenzene
Concen: 47.454 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

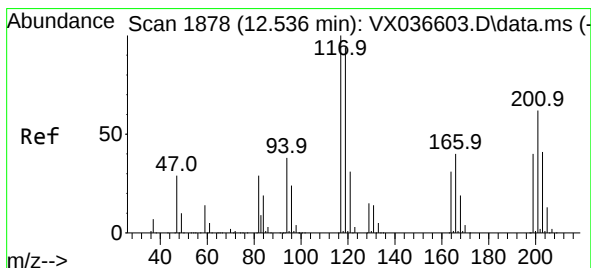
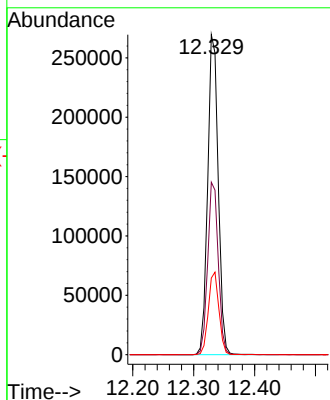
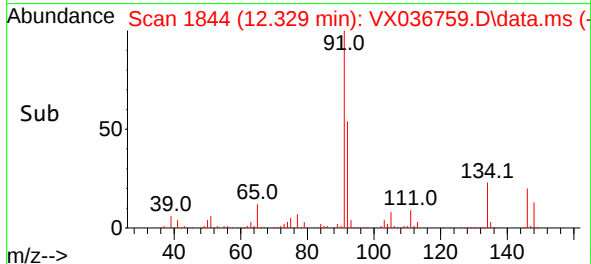
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 323909
Ion Ratio Lower Upper
91 100
92 54.2 27.4 82.0
134 25.8 12.6 37.8

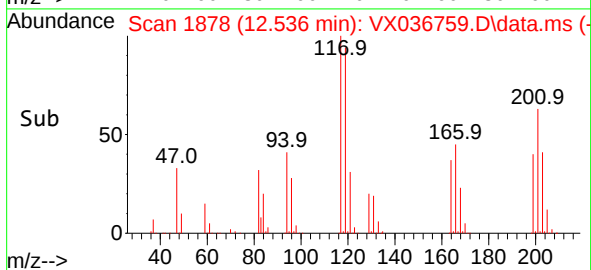
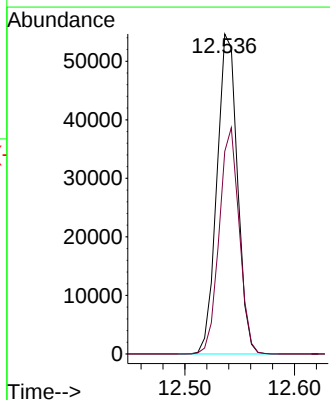
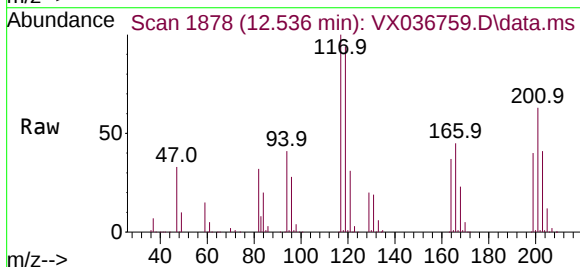
Manual Integrations
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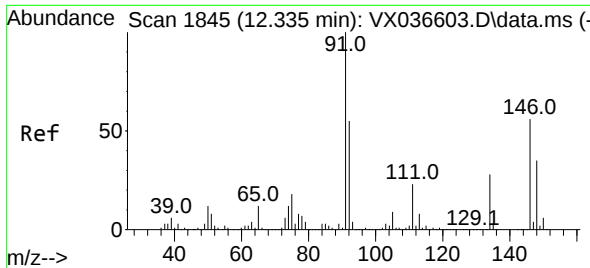
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#90
Hexachloroethane
Concen: 45.996 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

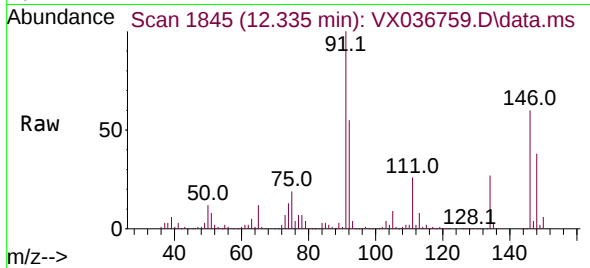
Tgt Ion:117 Resp: 71100
Ion Ratio Lower Upper
117 100
201 68.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.688 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

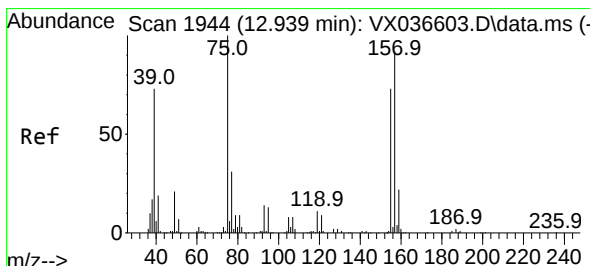
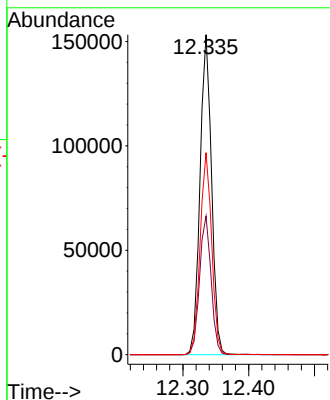
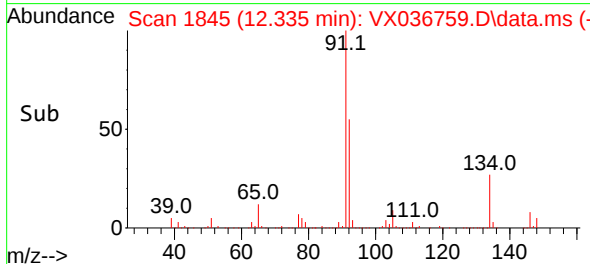
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



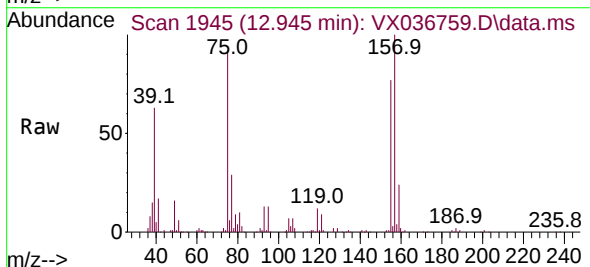
Tgt Ion:146 Resp: 186530
Ion Ratio Lower Upper
146 100
111 43.3 22.4 67.0
148 63.5 31.6 95.0

Manual Integrations
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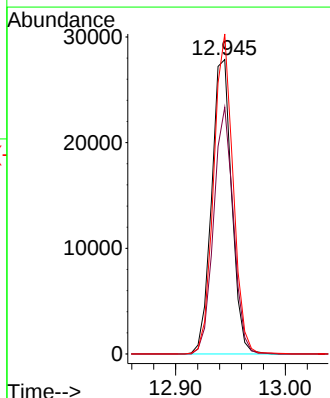
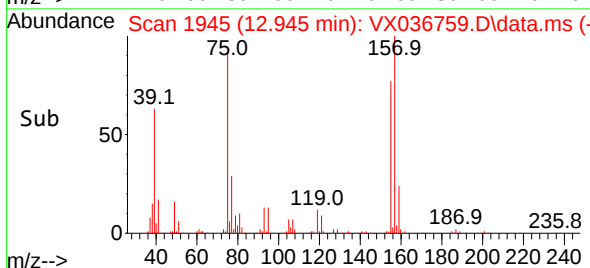
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

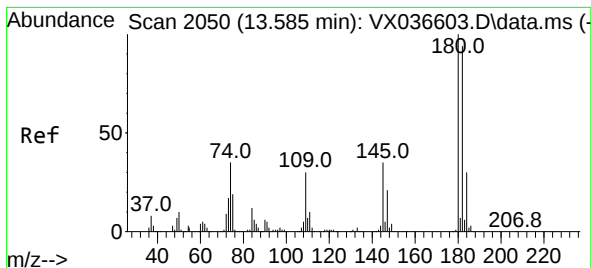


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.088 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26



Tgt Ion: 75 Resp: 35543
Ion Ratio Lower Upper
75 100
155 82.0 36.1 108.5
157 105.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.519 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

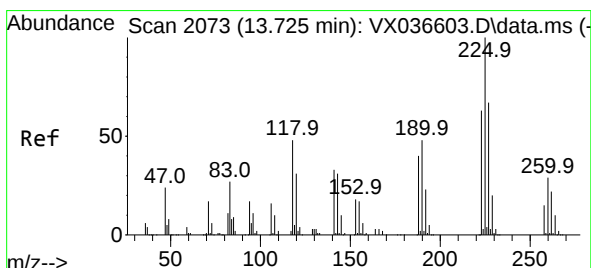
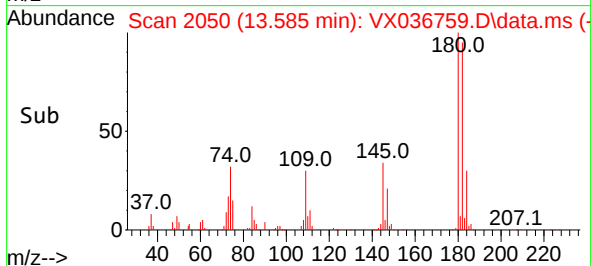
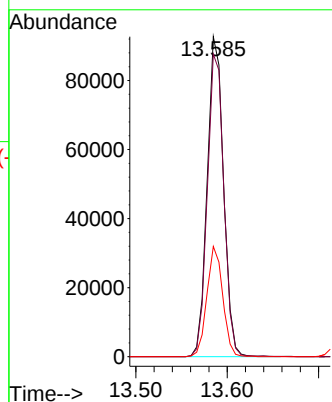
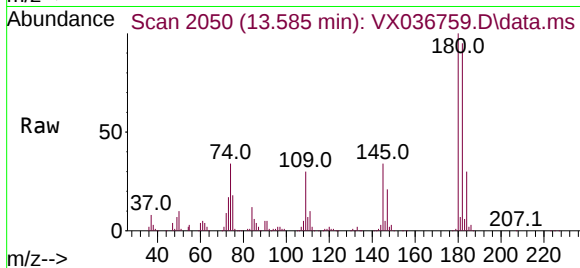
Tgt Ion:180	Resp:	114540
Ion Ratio	Lower	Upper
180	100	
182	95.6	48.3 144.8
145	33.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#94

Hexachlorobutadiene

Concen: 47.352 ug/l

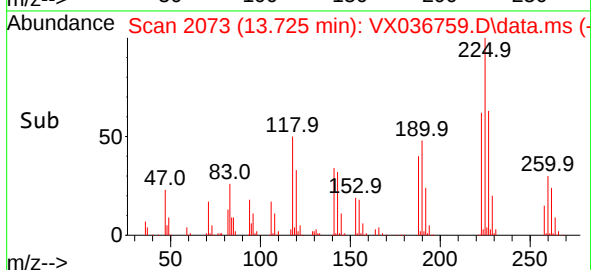
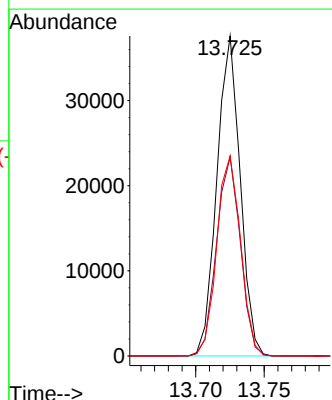
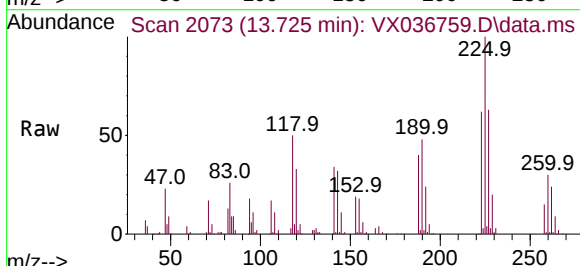
RT: 13.725 min Scan# 2073

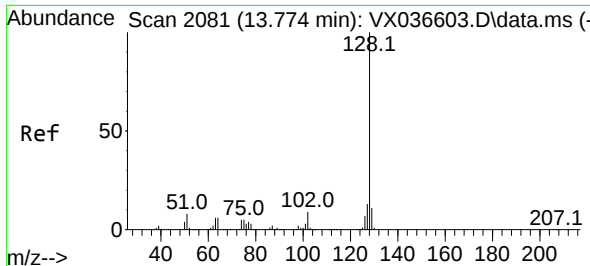
Delta R.T. -0.000 min

Lab File: VX036759.D

Acq: 01 Aug 2023 19:26

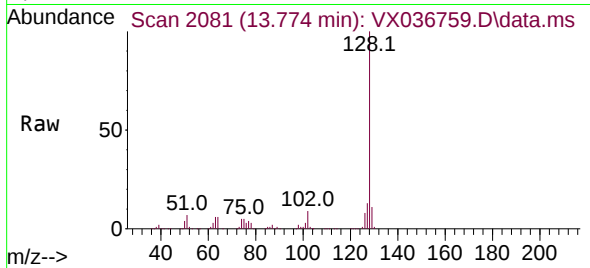
Tgt Ion:225	Resp:	44416
Ion Ratio	Lower	Upper
225	100	
223	63.5	31.1 93.2
227	64.0	32.5 97.5





#95
Naphthalene
Concen: 52.693 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

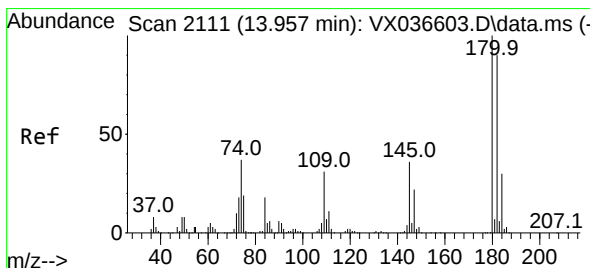
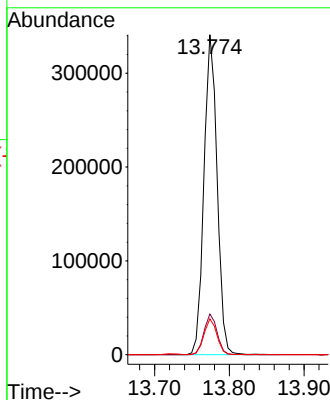
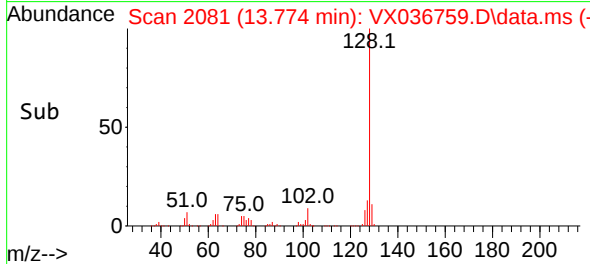
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 41632
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.611 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036759.D
Acq: 01 Aug 2023 19:26

Tgt Ion:180 Resp: 115332
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 34.8 17.8 53.5

