

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038835.D
 Acq On : 16 Nov 2023 12:06
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 16 22:44:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 15:22:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	167415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	314222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145726	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	375648	139.251	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 278.500%#	
35) Dibromofluoromethane	5.385	113	317150	139.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 279.500%#	
50) Toluene-d8	8.653	98	1188459	136.875	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 273.760%#	
62) 4-Bromofluorobenzene	11.079	95	485237	139.605	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 279.220%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	296328	151.697	ug/l	98
3) Chloromethane	1.294	50	357729	140.307	ug/l	99
4) Vinyl Chloride	1.374	62	351742	143.219	ug/l	99
5) Bromomethane	1.593	94	129968	127.992	ug/l	99
6) Chloroethane	1.666	64	195130	139.222	ug/l	99
7) Trichlorofluoromethane	1.874	101	437925	140.517	ug/l	100
8) Diethyl Ether	2.130	74	185571	136.711	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	282934	136.895	ug/l	97
10) Methyl Iodide	2.447	142	357297	142.035	ug/l	89
11) Tert butyl alcohol	2.989	59	518382	690.904	ug/l	# 93
12) 1,1-Dichloroethene	2.313	96	294505	141.139	ug/l	89
13) Acrolein	2.233	56	283666	714.607	ug/l	99
14) Allyl chloride	2.660	41	596057	142.675	ug/l	89
15) Acrylonitrile	3.062	53	1130535	713.103	ug/l	99
16) Acetone	2.380	43	941520	655.628	ug/l	# 86
17) Carbon Disulfide	2.508	76	870546	134.687	ug/l	99
18) Methyl Acetate	2.703	43	994786	145.839	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	1052896	143.464	ug/l	96
20) Methylene Chloride	2.788	84	349075	134.845	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	319559	138.796	ug/l	94
22) Diisopropyl ether	3.757	45	1116790	145.717	ug/l	90
23) Vinyl Acetate	3.721	43	3935276	712.949	ug/l	98
24) 1,1-Dichloroethane	3.605	63	615783	143.678	ug/l	100
25) 2-Butanone	4.556	43	1608780	690.831	ug/l	94
26) 2,2-Dichloropropane	4.471	77	508698	136.833	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	377076	140.505	ug/l	95
28) Bromochloromethane	4.897	49	308780	150.059	ug/l	97
29) Tetrahydrofuran	5.001	42	1061664	718.004	ug/l	97
30) Chloroform	5.093	83	586621	140.172	ug/l	98
31) Cyclohexane	5.464	56	538065	139.701	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	504281	139.116	ug/l	99
36) 1,1-Dichloropropene	5.690	75	445747	137.045	ug/l	98
37) Ethyl Acetate	4.715	43	596654	140.801	ug/l	97
38) Carbon Tetrachloride	5.678	117	425084	141.407	ug/l	98
39) Methylcyclohexane	7.379	83	573068	135.074	ug/l	96
40) Benzene	6.038	78	1356440	141.001	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	318390	144.867	ug/l	92
42) 1,2-Dichloroethane	6.086	62	450086	141.213	ug/l	96
43) Isopropyl Acetate	6.336	43	971565	143.462	ug/l	96
44) Trichloroethene	7.123	130	330797	141.269	ug/l	96
45) 1,2-Dichloropropane	7.428	63	371432	143.474	ug/l	98
46) Dibromomethane	7.580	93	247986	143.641	ug/l	98
47) Bromodichloromethane	7.818	83	476655	139.106	ug/l	98
48) Methyl methacrylate	7.690	41	452617	137.747	ug/l	90
49) 1,4-Dioxane	7.665	88	180943	2846.411	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	3076541	710.869	ug/l	97
52) Toluene	8.720	92	828476	138.779	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	580493	142.556	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	602771	143.306	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	351250	141.013	ug/l	93
56) Ethyl methacrylate	9.116	69	625336	148.376	ug/l	93
57) 1,3-Dichloropropane	9.311	76	581759	141.218	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1539910	784.344	ug/l	95
59) 2-Hexanone	9.433	43	2455484	707.856	ug/l	95
60) Dibromochloromethane	9.525	129	366901	144.863	ug/l	100
61) 1,2-Dibromoethane	9.610	107	373957	143.070	ug/l	100
64) Tetrachloroethene	9.275	164	243196	134.315	ug/l	97
65) Chlorobenzene	10.079	112	868143	138.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	317637	140.724	ug/l	97
67) Ethyl Benzene	10.195	91	1598442	138.651	ug/l	99
68) m/p-Xylenes	10.299	106	1201904	275.606	ug/l	98
69) o-Xylene	10.640	106	606356	140.518	ug/l	98
70) Styrene	10.659	104	1036547	142.234	ug/l	98
71) Bromoform	10.799	173	279154	148.354	ug/l #	100
73) Isopropylbenzene	10.963	105	1541731	135.786	ug/l	98
74) N-amyl acetate	10.842	43	884882	147.431	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	617365	139.289	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	505087m	142.630	ug/l	
77) Bromobenzene	11.195	156	353306	138.484	ug/l	95
78) n-propylbenzene	11.305	91	1919769	137.364	ug/l	99
79) 2-Chlorotoluene	11.366	91	1137648	137.164	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1320304	138.299	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	244569	149.203	ug/l #	78
82) 4-Chlorotoluene	11.457	91	1314341	137.434	ug/l	100
83) tert-Butylbenzene	11.713	119	1306173	138.922	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	1350471	139.759	ug/l	98
85) sec-Butylbenzene	11.890	105	1698730	138.125	ug/l	99
86) p-Isopropyltoluene	12.006	119	1365519	138.314	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	694652	139.044	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	699143	136.731	ug/l	99
89) n-Butylbenzene	12.335	91	1395560	140.105	ug/l	98
90) Hexachloroethane	12.536	117	285349	144.734	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	647041	136.550	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	153202	141.081	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	435646	137.197	ug/l	98
94) Hexachlorobutadiene	13.725	225	155335	138.140	ug/l	99
95) Naphthalene	13.774	128	1667298	140.984	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	427097	141.889	ug/l	99

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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

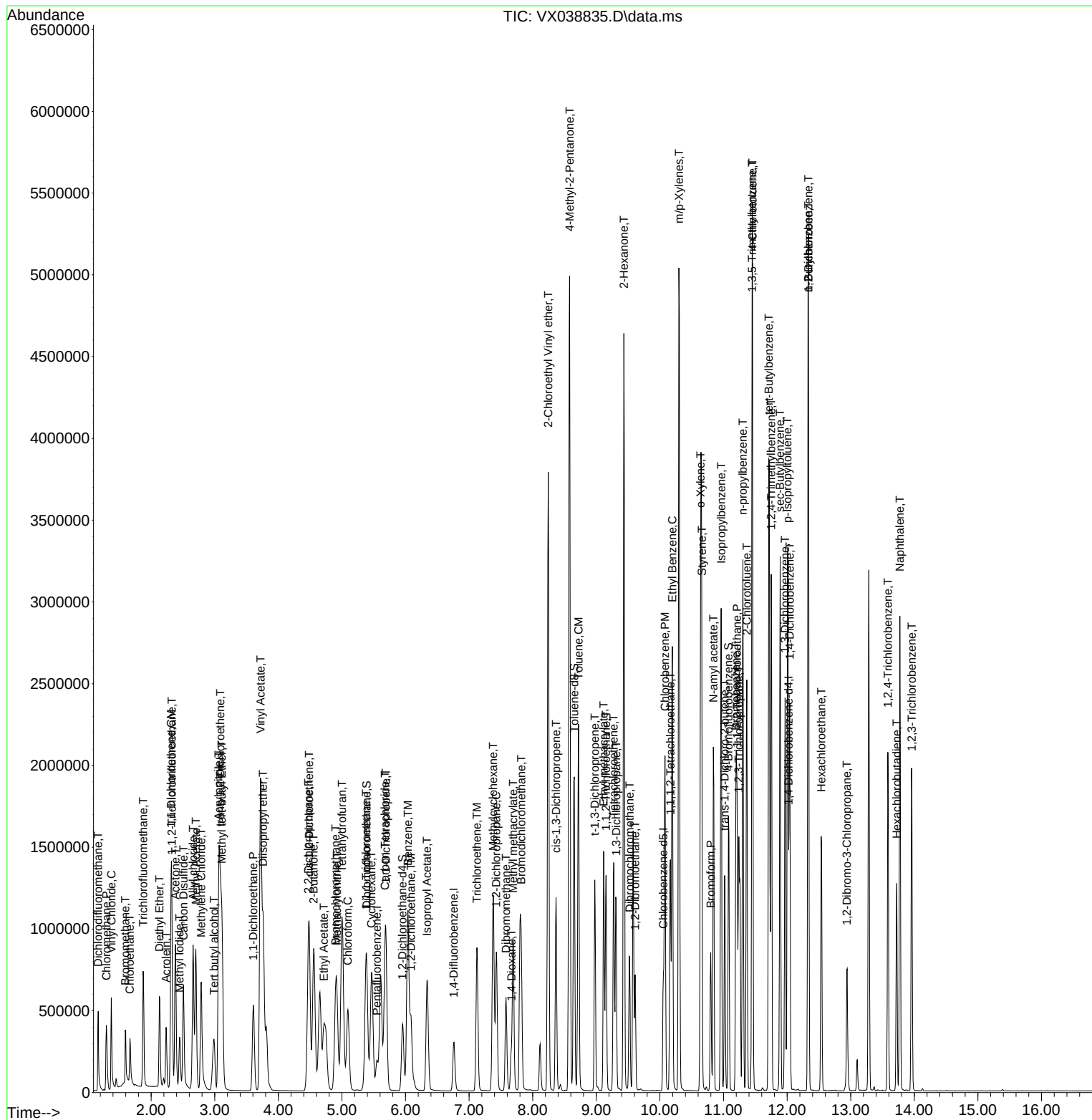
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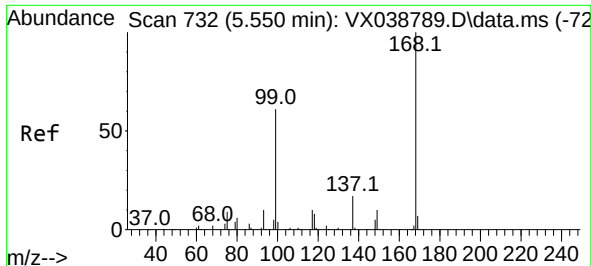
Instrument :
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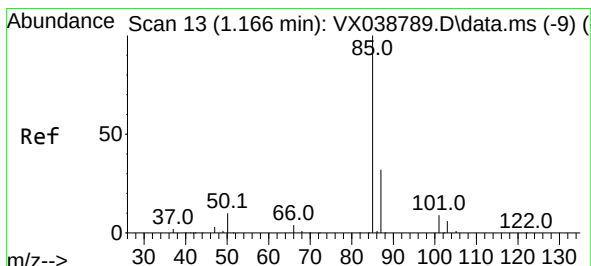
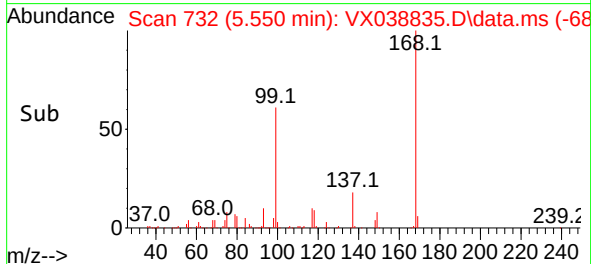
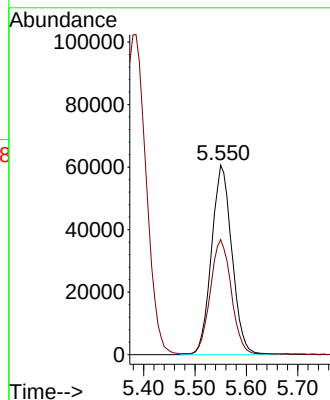
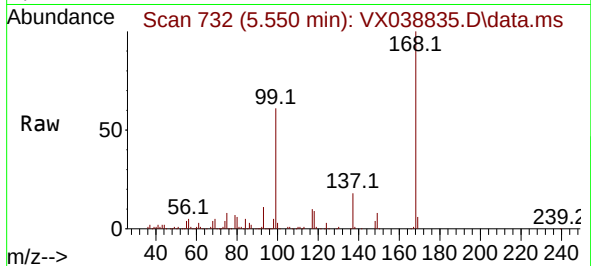
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038835.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 16741
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0

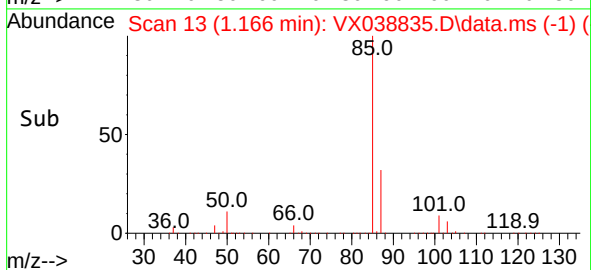
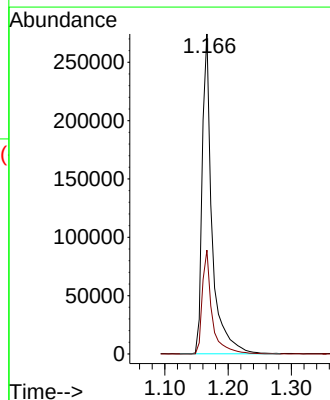
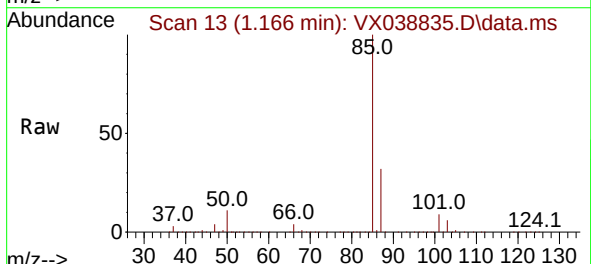
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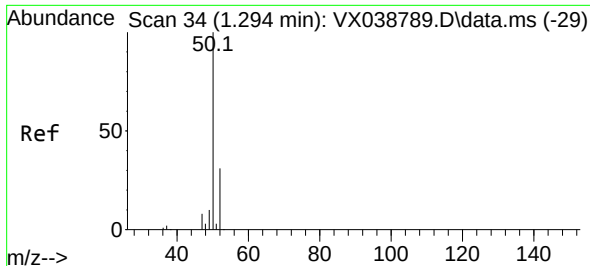
Reviewed By :John Carlone 11/17/2023
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#2
Dichlorodifluoromethane
Concen: 151.697 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

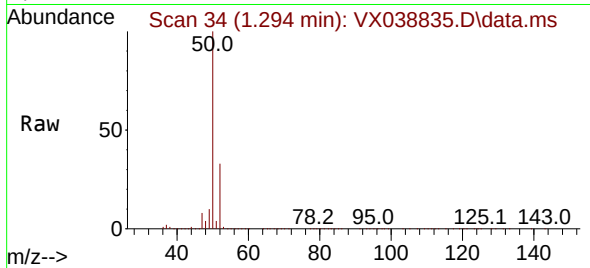
Tgt Ion: 85 Resp: 296328
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





#3
Chloromethane
Concen: 140.307 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

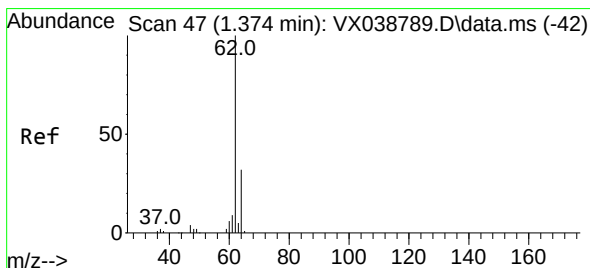
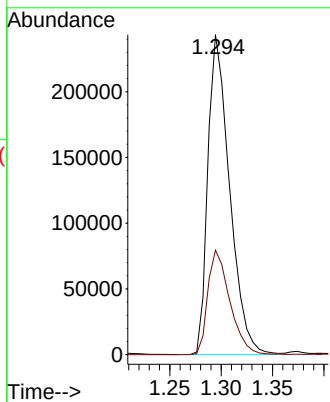
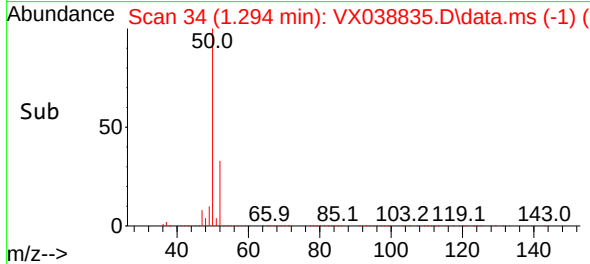
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 357729
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

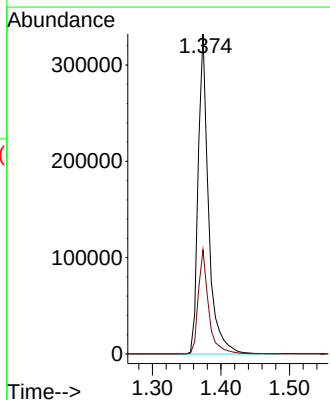
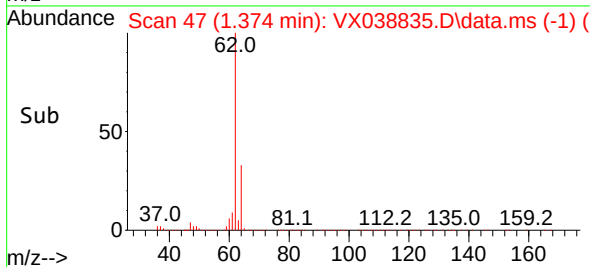
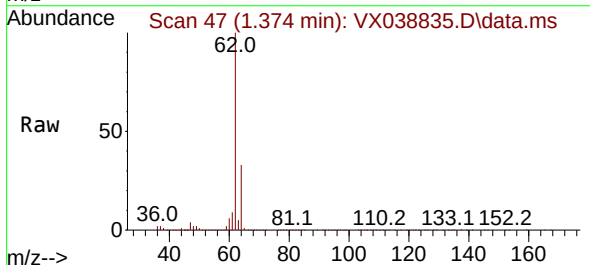
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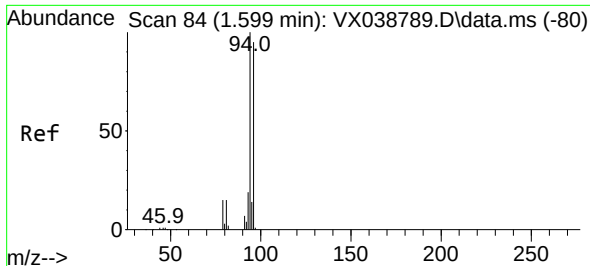
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#4
Vinyl Chloride
Concen: 143.219 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 62 Resp: 351742
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





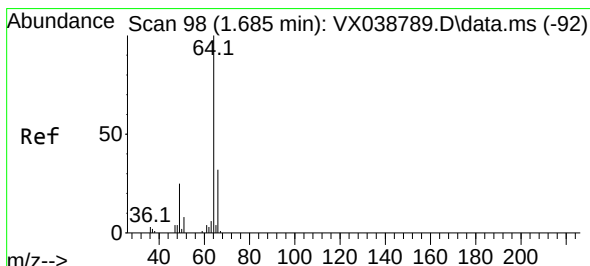
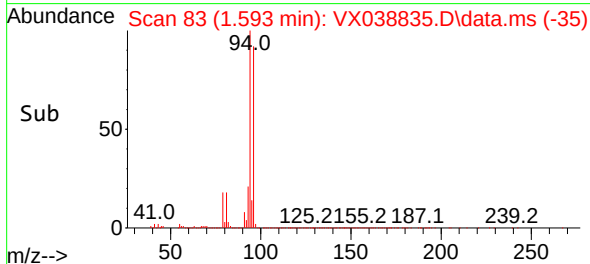
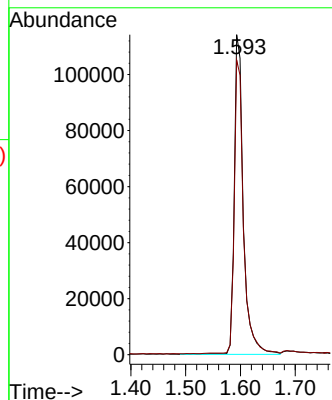
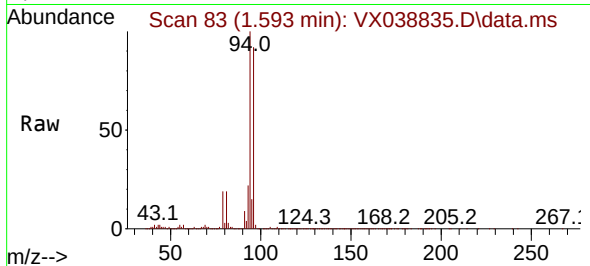
#5
Bromomethane
Concen: 127.992 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX038835.D
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Tgt Ion: 94 Resp: 129968
Ion Ratio Lower Upper
94 100
96 91.9 74.6 111.8

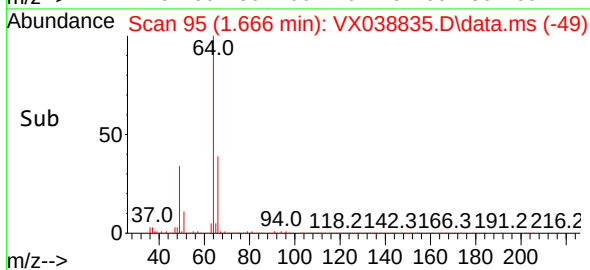
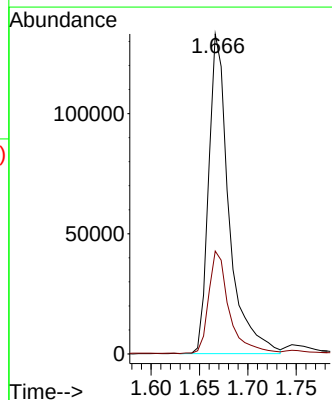
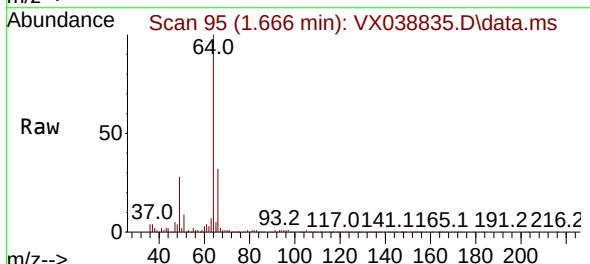
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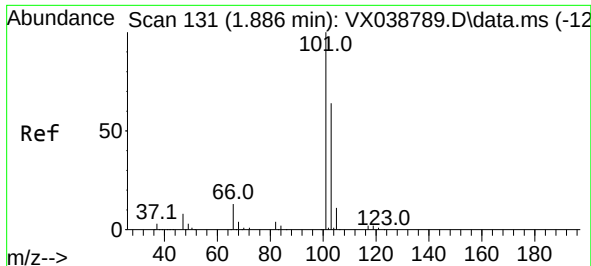
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#6
Chloroethane
Concen: 139.222 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 64 Resp: 195130
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7





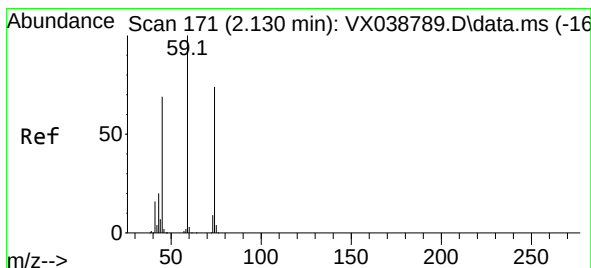
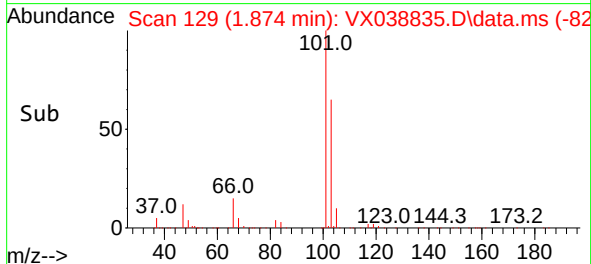
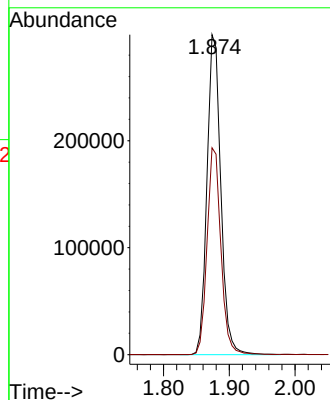
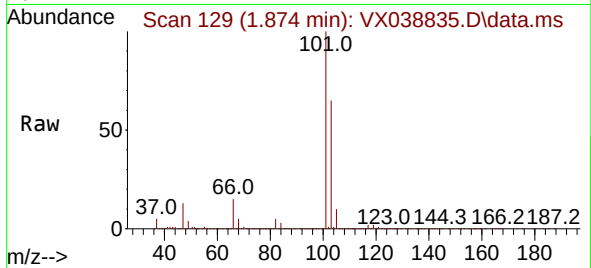
#7
Trichlorofluoromethane
Concen: 140.517 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 437925
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

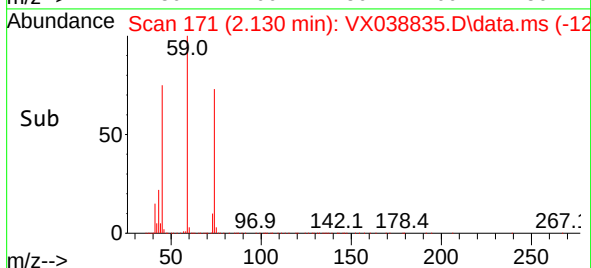
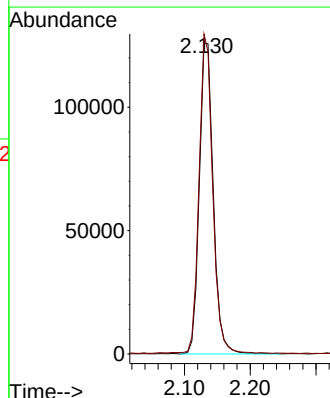
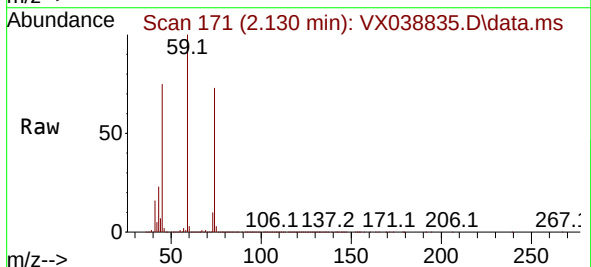
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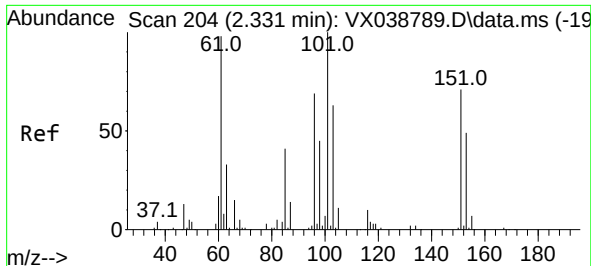
Reviewed By :John Carlone 11/17/2023
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#8
Diethyl Ether
Concen: 136.711 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX038835.D
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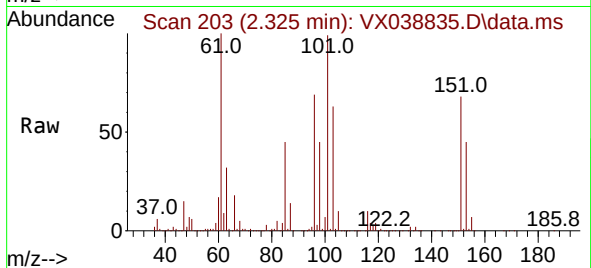
Tgt Ion: 74 Resp: 185571
Ion Ratio Lower Upper
74 100
45 100.0 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 136.895 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

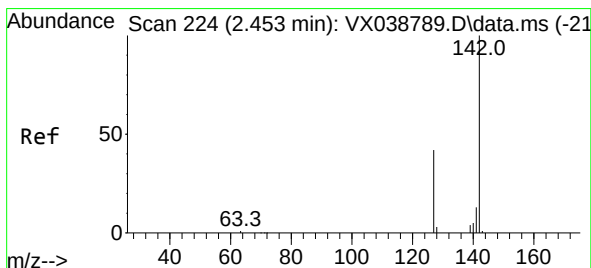
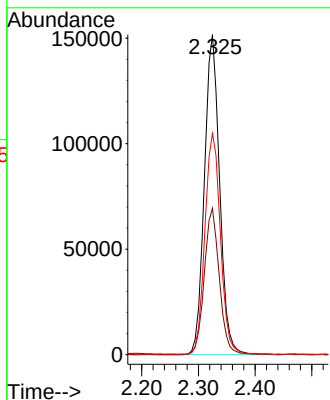
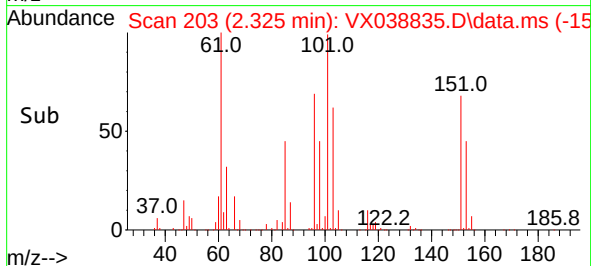
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 282934
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 70.9 58.6 87.8

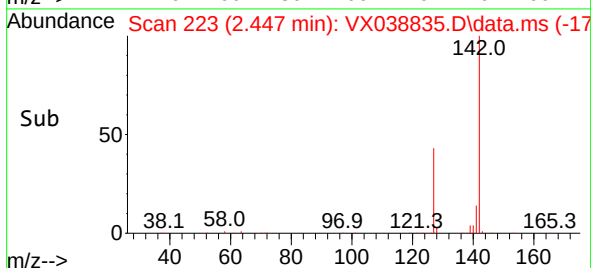
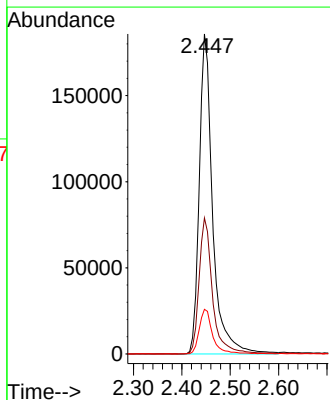
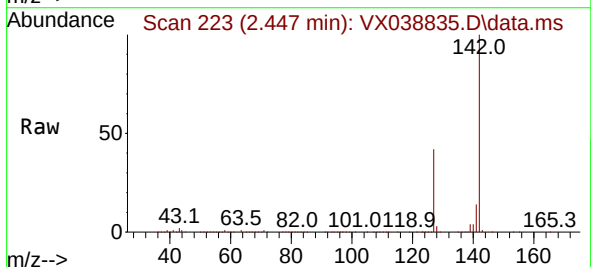
Manual Integrations
APPROVED

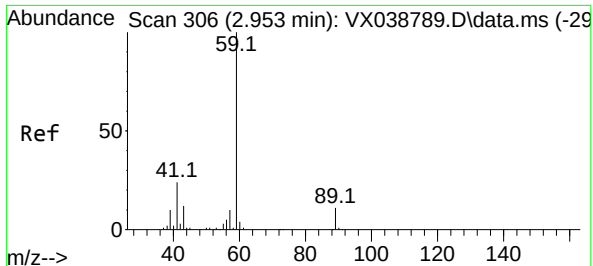
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#10
Methyl Iodide
Concen: 142.035 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

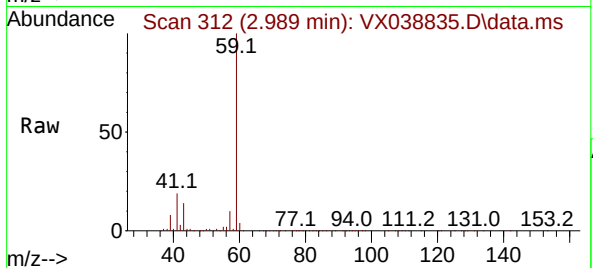
Tgt Ion:142 Resp: 357297
Ion Ratio Lower Upper
142 100
127 42.7 41.6 62.4
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 690.904 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.037 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

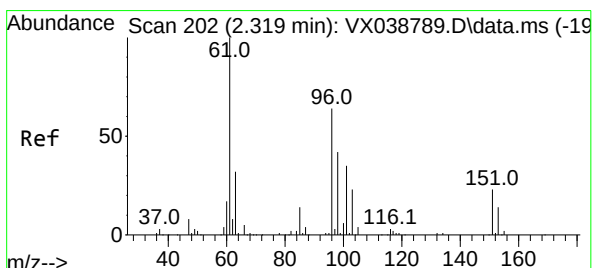
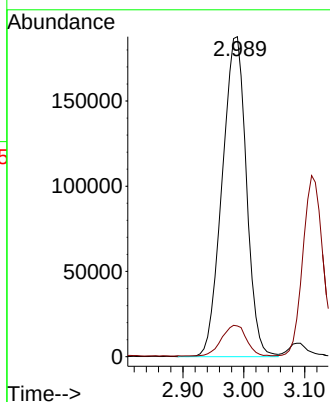
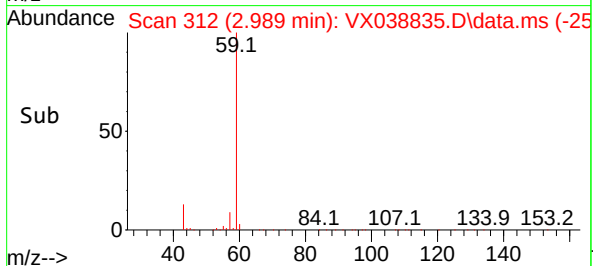
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



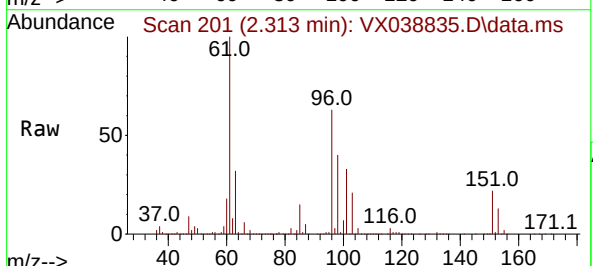
Tgt Ion: 59 Resp: 51838
Ion Ratio Lower Upper
59 100
57 9.9 6.0 9.0

Manual Integrations
APPROVED

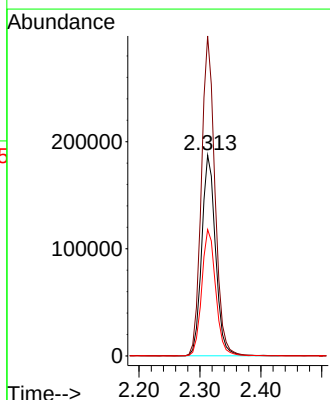
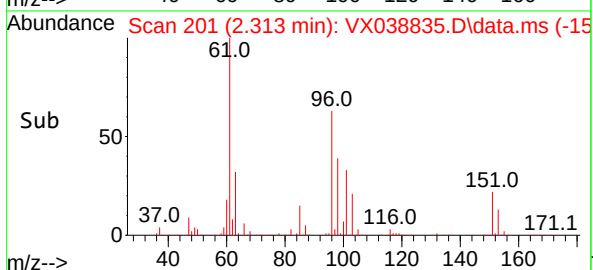
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

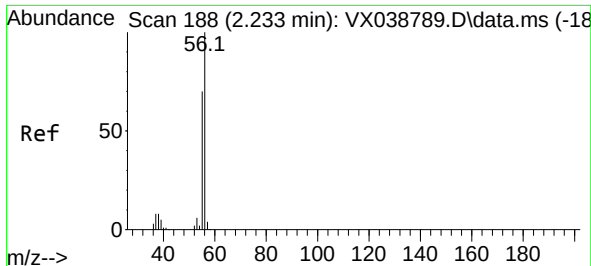


#12
1,1-Dichloroethene
Concen: 141.139 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06



Tgt Ion: 96 Resp: 294505
Ion Ratio Lower Upper
96 100
61 159.5 144.6 216.8
98 62.9 50.4 75.6





#13

Acrolein

Concen: 714.607 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX038835.D

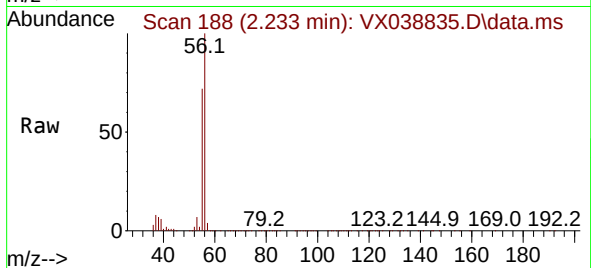
Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



Tgt Ion: 56 Resp: 28366

Ion Ratio Lower Upper

56 100

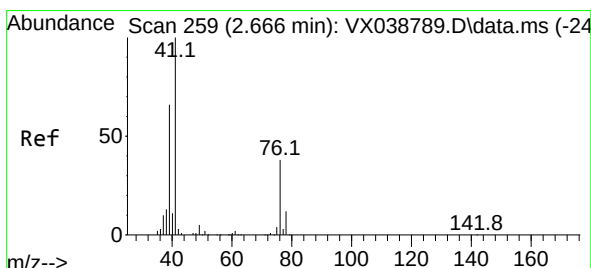
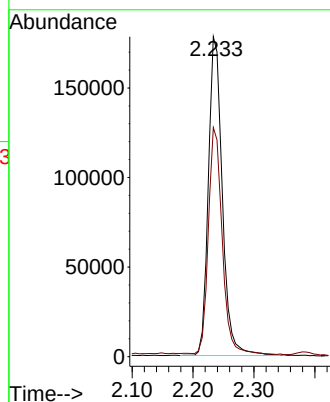
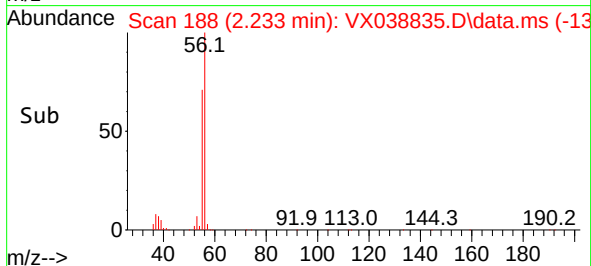
55 70.8 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#14

Allyl chloride

Concen: 142.675 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

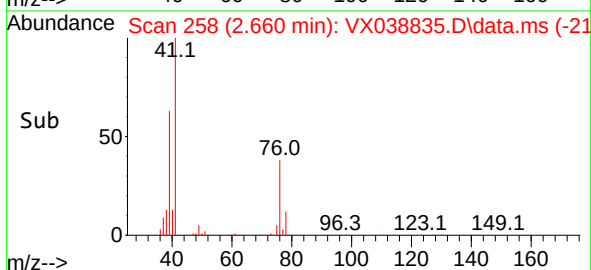
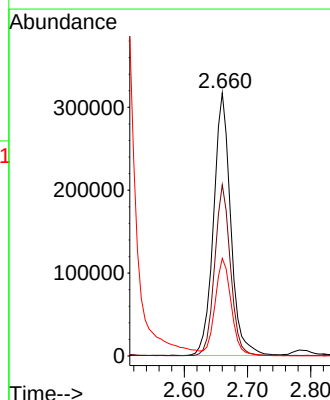
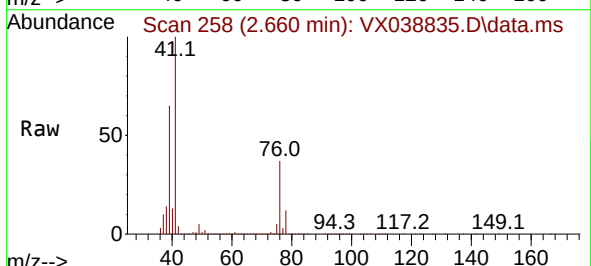
Tgt Ion: 41 Resp: 596057

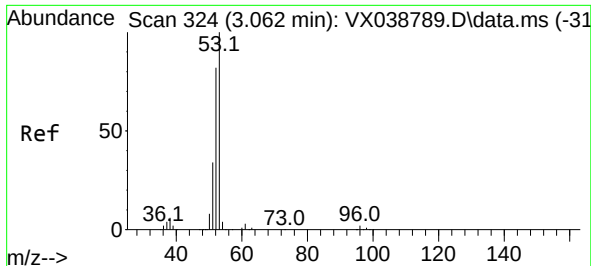
Ion Ratio Lower Upper

41 100

39 59.9 55.8 83.6

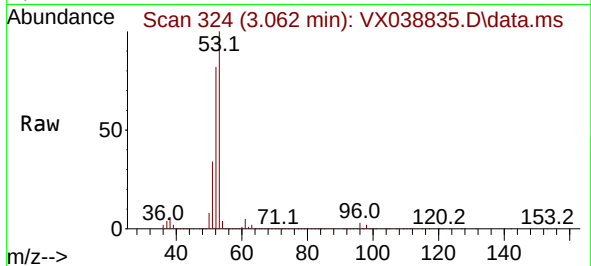
76 35.0 24.3 36.5





#15
Acrylonitrile
Concen: 713.103 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

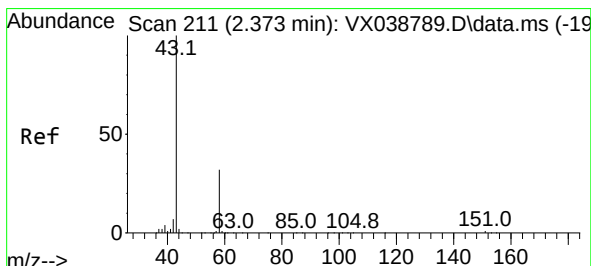
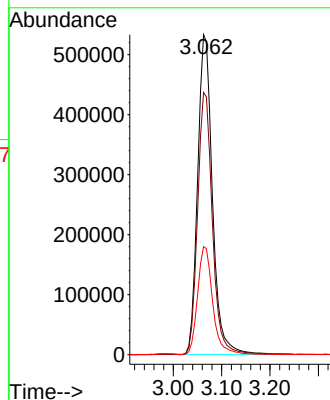
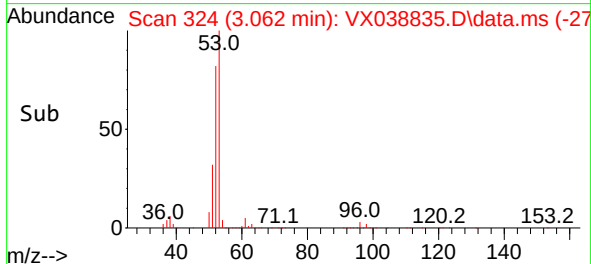
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 53 Resp: 113053
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 34.6 29.8 44.6

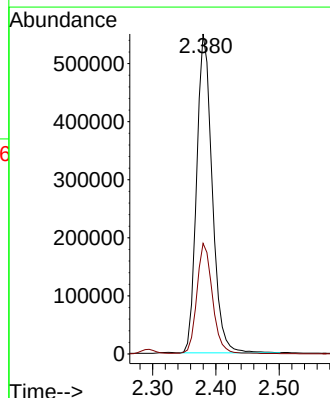
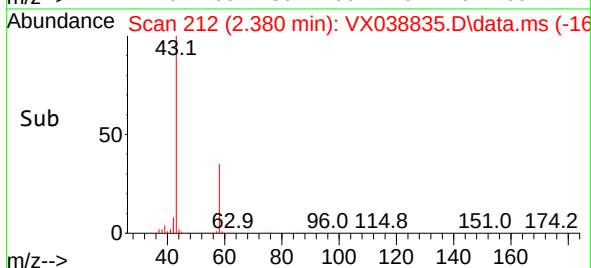
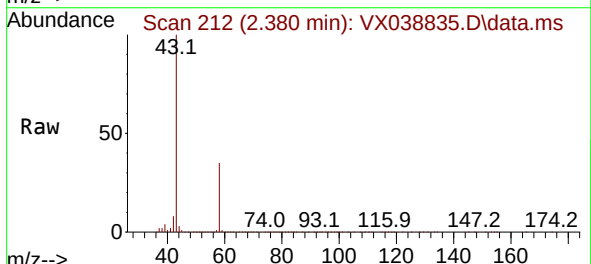
Manual Integrations
APPROVED

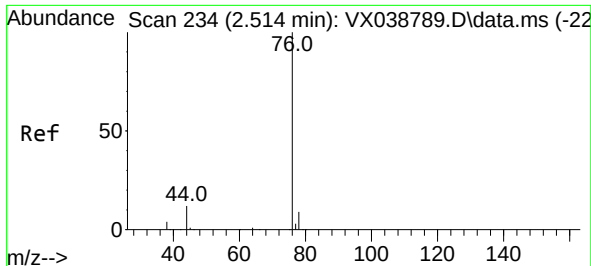
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#16
Acetone
Concen: 655.628 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 43 Resp: 941520
Ion Ratio Lower Upper
43 100
58 34.6 21.9 32.9#





#17

Carbon Disulfide

Concen: 134.687 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 870540

Ion Ratio Lower Upper

76 100

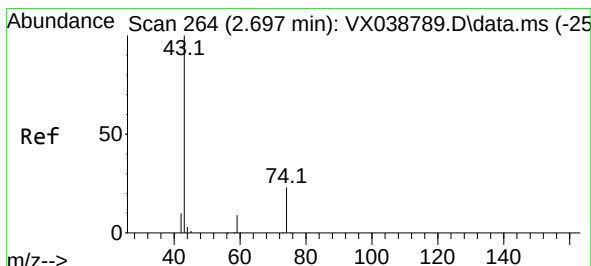
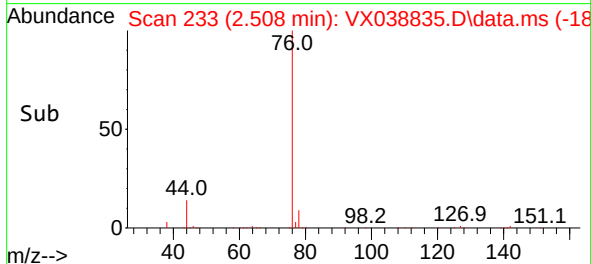
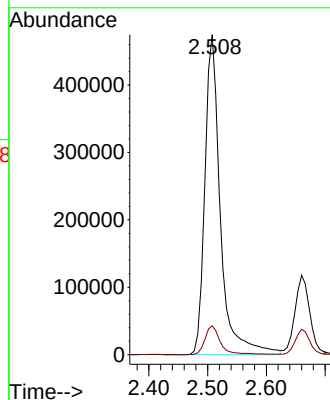
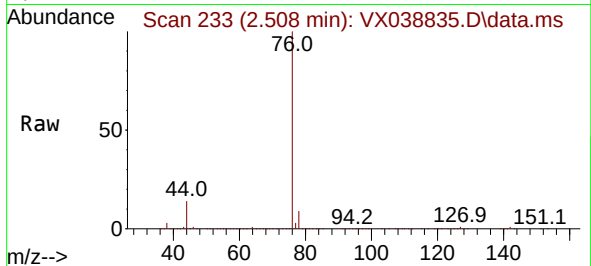
78 9.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#18

Methyl Acetate

Concen: 145.839 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX038835.D

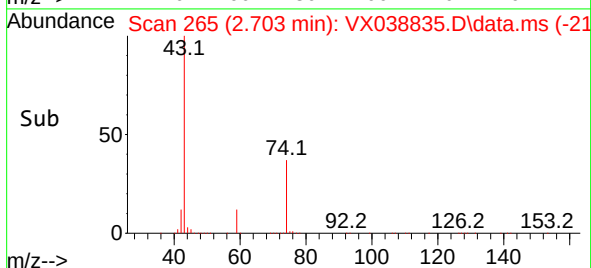
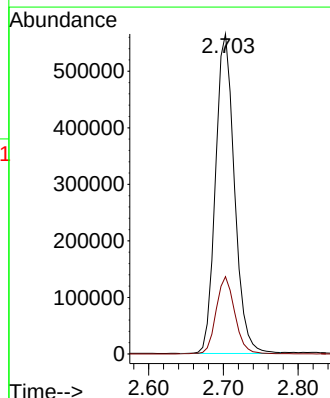
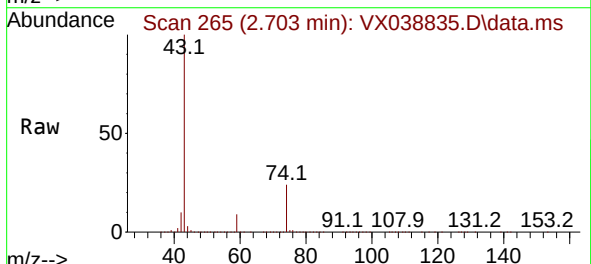
Acq: 16 Nov 2023 12:06

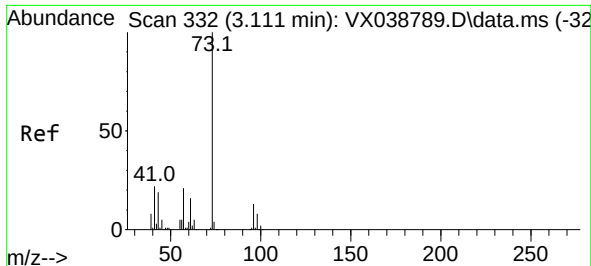
Tgt Ion: 43 Resp: 994786

Ion Ratio Lower Upper

43 100

74 24.1 17.8 26.8





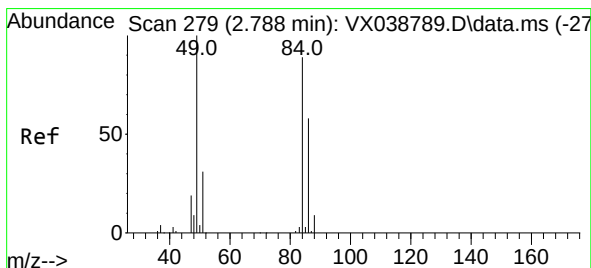
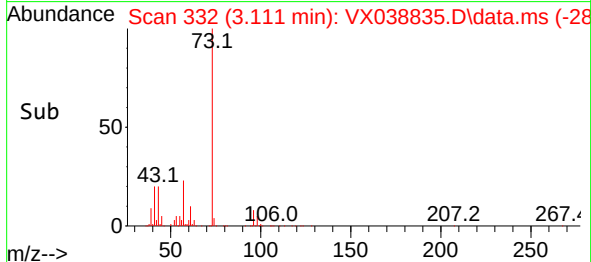
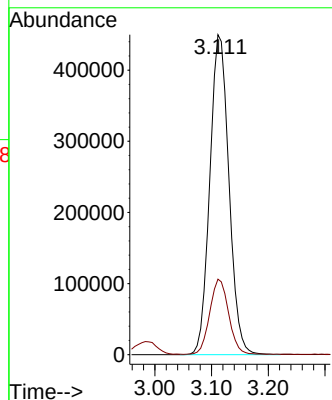
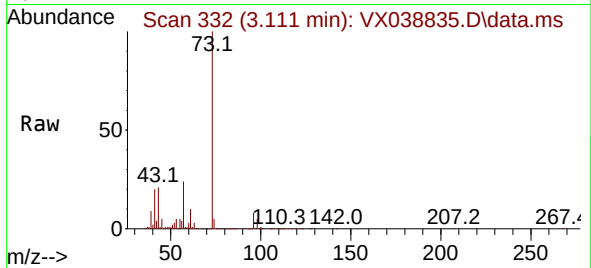
#19
Methyl tert-butyl Ether
Concen: 143.464 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 1052890
Ion Ratio Lower Upper
73 100
57 23.5 17.3 25.9

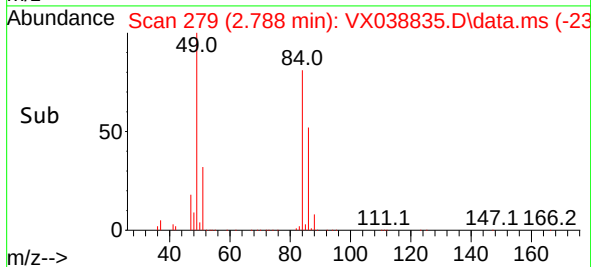
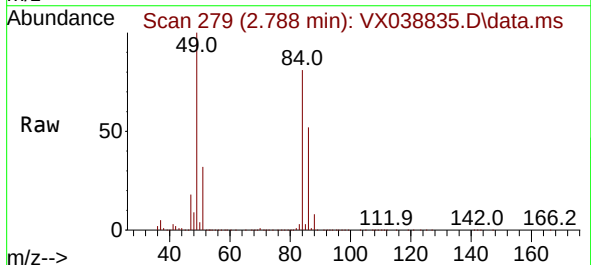
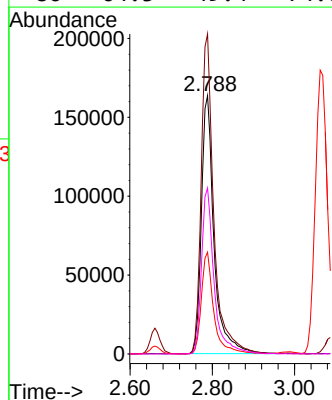
Manual Integrations
APPROVED

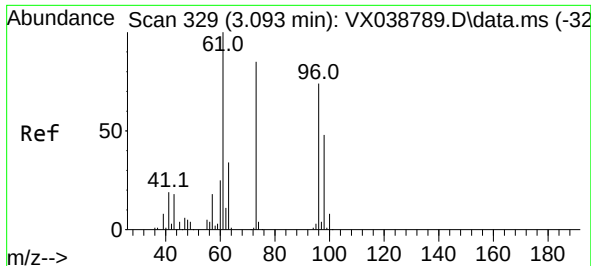
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#20
Methylene Chloride
Concen: 134.845 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

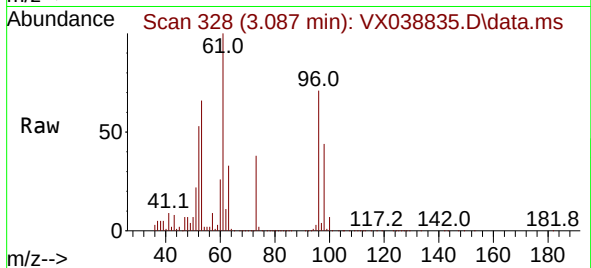
Tgt Ion: 84 Resp: 349075
Ion Ratio Lower Upper
84 100
49 124.0 103.6 155.4
51 39.4 33.8 50.6
86 64.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 138.796 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

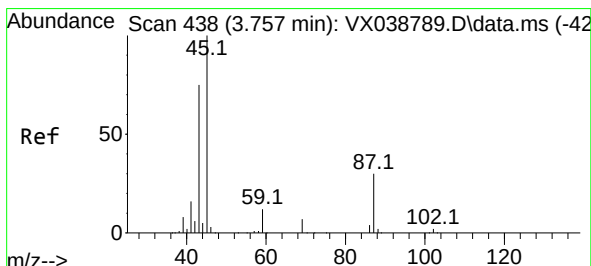
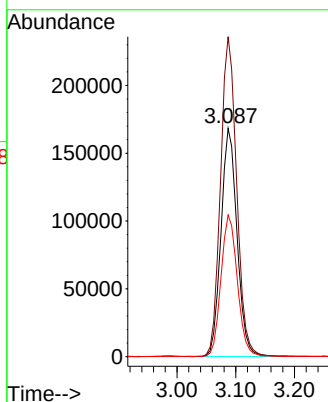
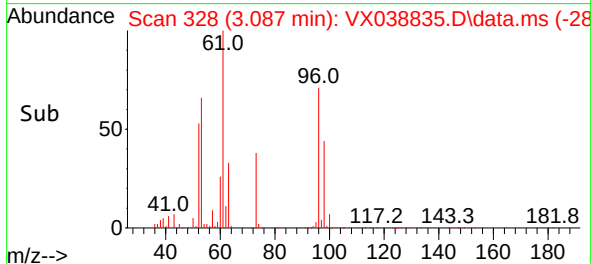
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 319558
Ion Ratio Lower Upper
96 100
61 140.0 119.2 178.8
98 62.1 48.7 73.1

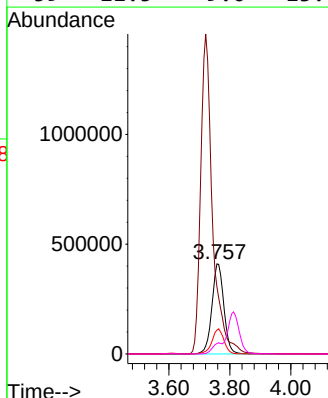
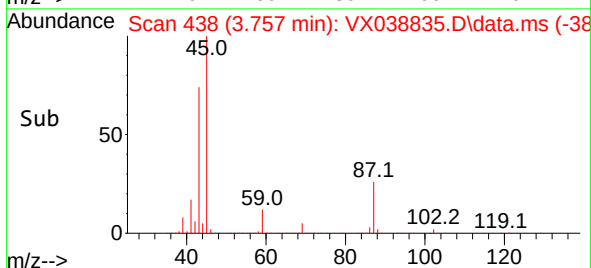
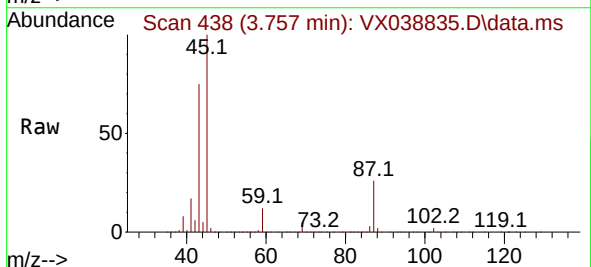
Manual Integrations
APPROVED

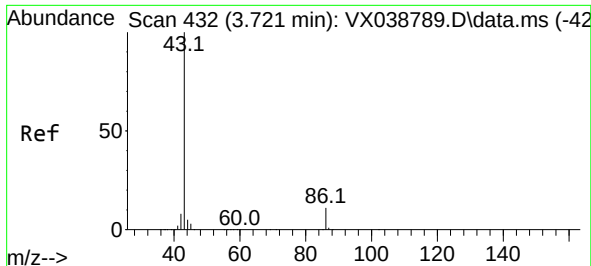
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#22
Diisopropyl ether
Concen: 145.717 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 45 Resp: 1116790
Ion Ratio Lower Upper
45 100
43 74.4 69.7 104.5
87 26.4 20.8 31.2
59 11.5 9.0 13.4





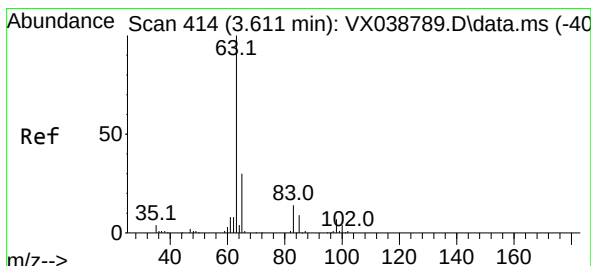
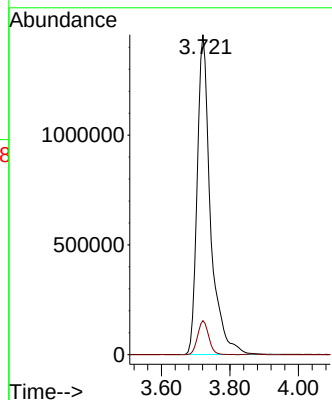
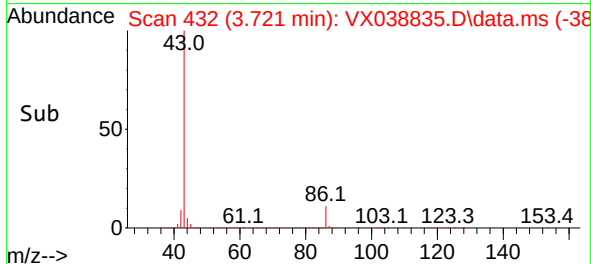
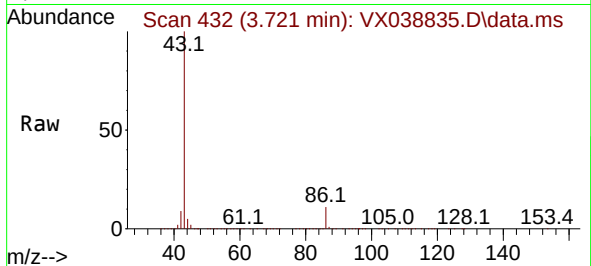
#23
 Vinyl Acetate
 Concen: 712.949 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX038835.D
 Acq: 16 Nov 2023 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 3935270
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8

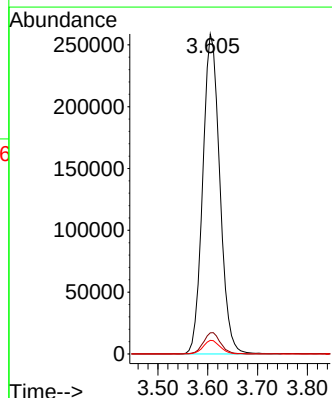
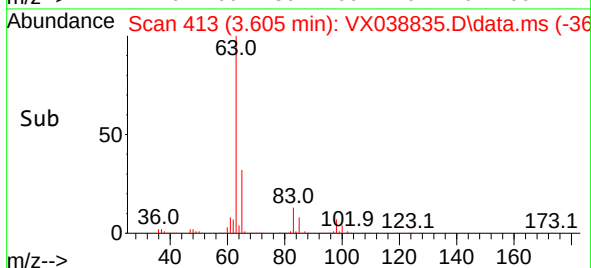
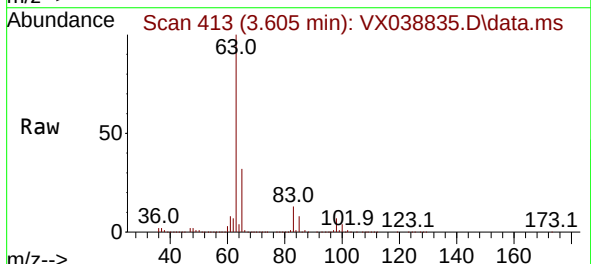
Manual Integrations
 APPROVED

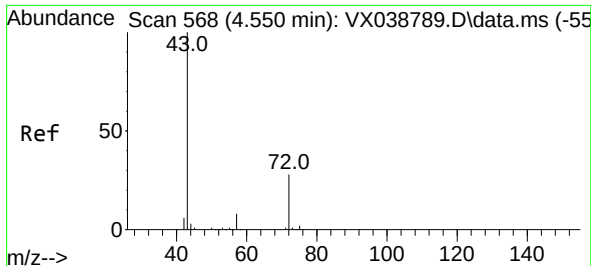
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#24
 1,1-Dichloroethane
 Concen: 143.678 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038835.D
 Acq: 16 Nov 2023 12:06

Tgt Ion: 63 Resp: 615783
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.2 2.1 6.5





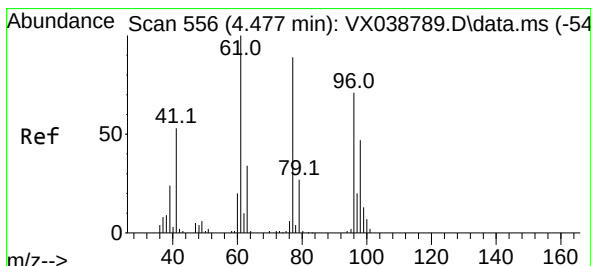
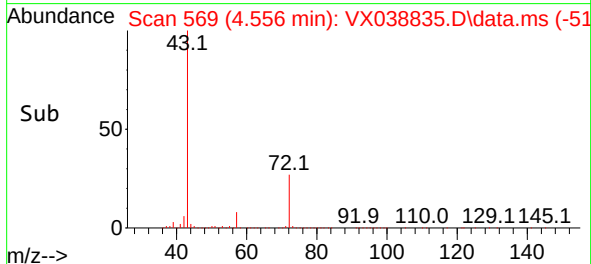
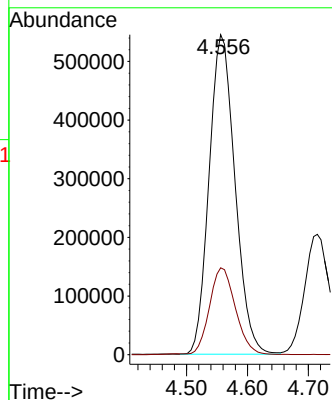
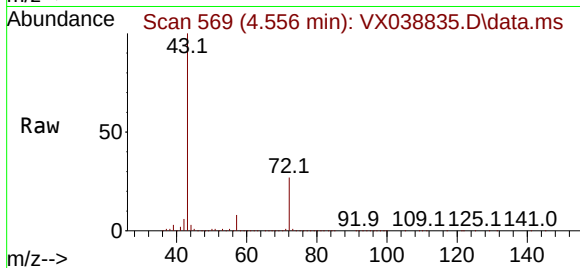
#25
2-Butanone
Concen: 690.831 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1608780
Ion Ratio Lower Upper
43 100
72 27.1 19.4 29.2

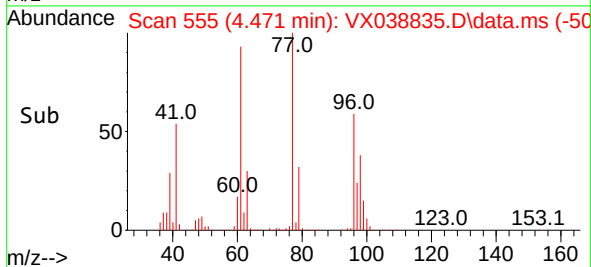
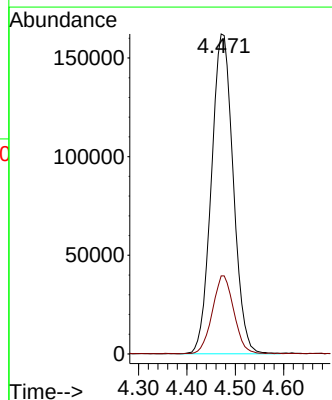
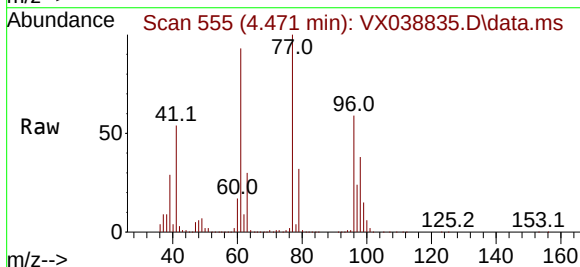
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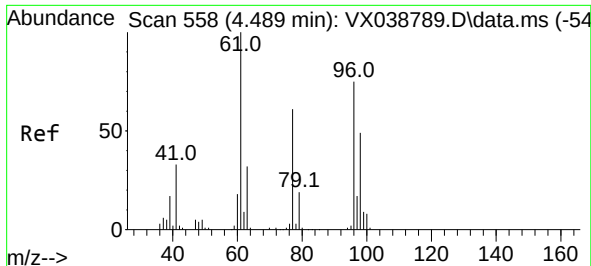
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#26
2,2-Dichloropropane
Concen: 136.833 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 77 Resp: 508698
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 140.505 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 377070

Ion Ratio Lower Upper

96 100

61 148.1 0.0 312.2

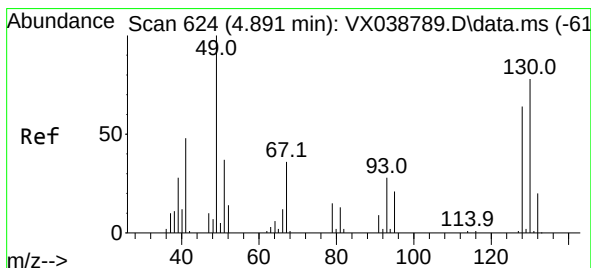
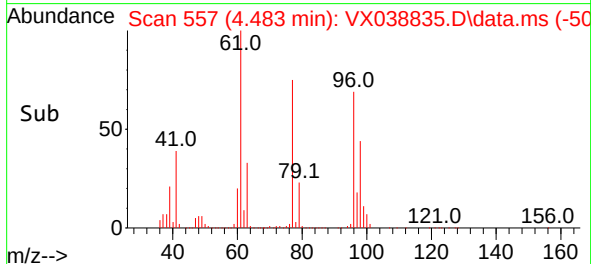
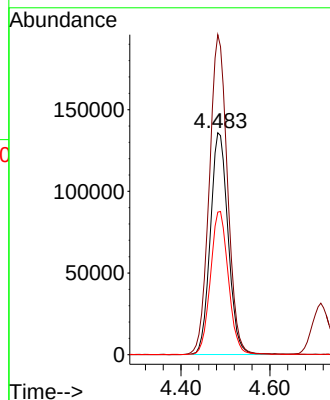
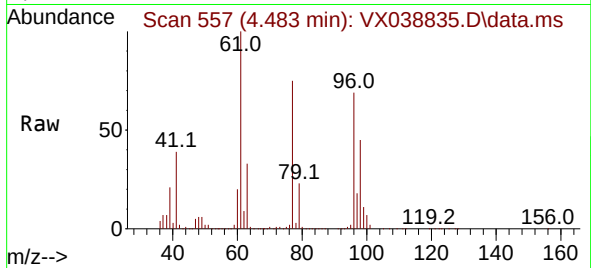
98 64.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#28

Bromochloromethane

Concen: 150.059 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

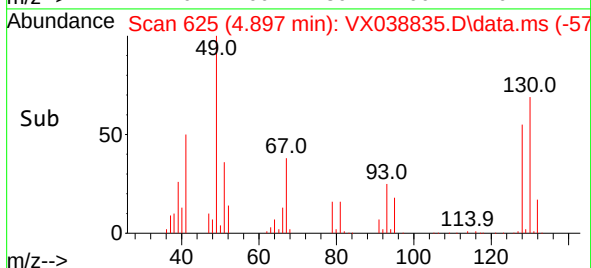
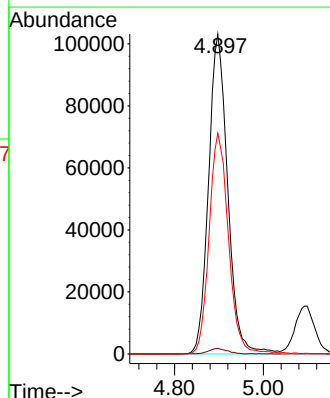
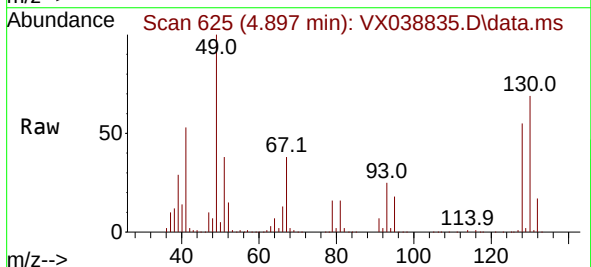
Tgt Ion: 49 Resp: 308780

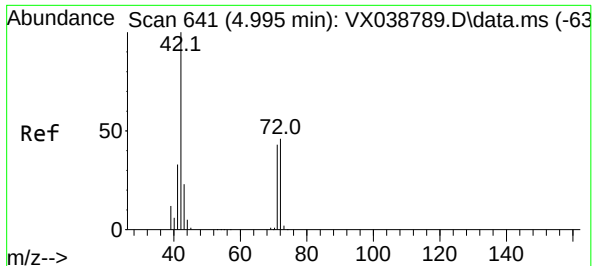
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 69.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 718.004 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 106166

Ion Ratio Lower Upper

42 100

72 44.9 34.2 51.4

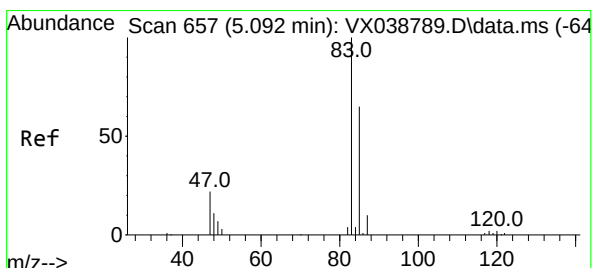
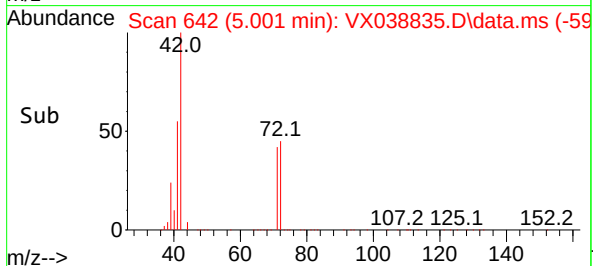
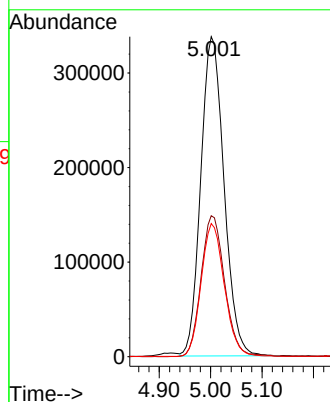
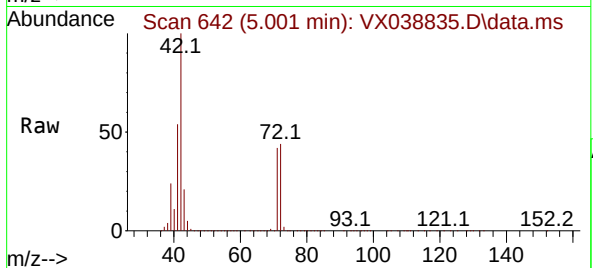
71 41.5 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#30

Chloroform

Concen: 140.172 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX038835.D

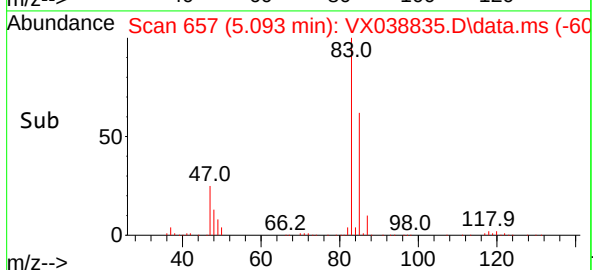
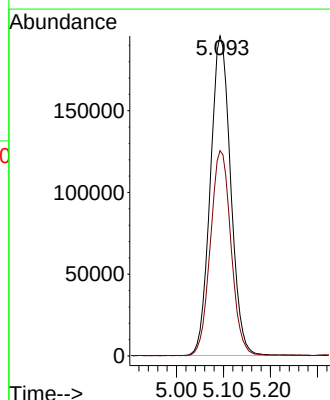
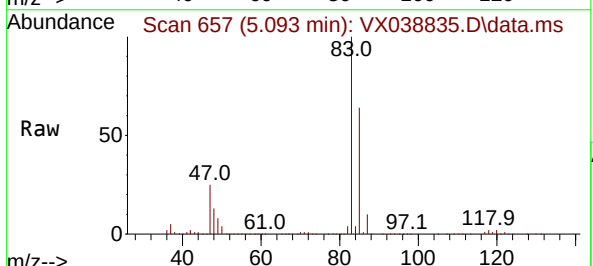
Acq: 16 Nov 2023 12:06

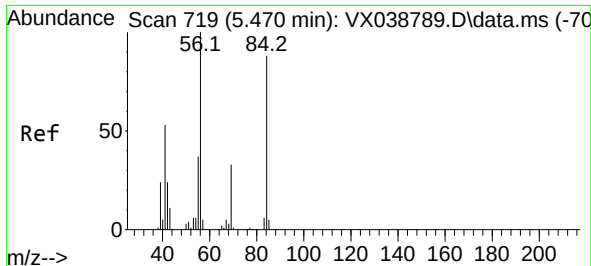
Tgt Ion: 83 Resp: 586621

Ion Ratio Lower Upper

83 100

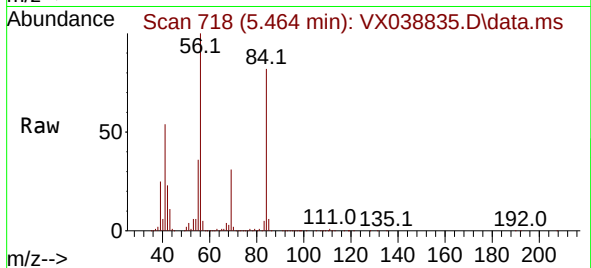
85 64.1 50.3 75.5





#31
Cyclohexane
Concen: 139.701 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

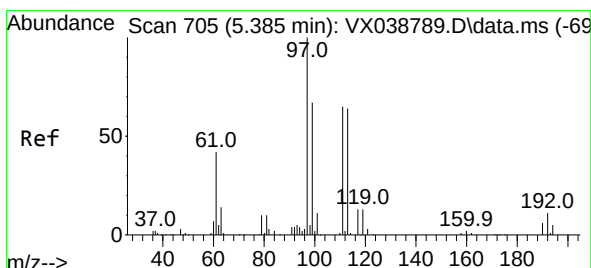
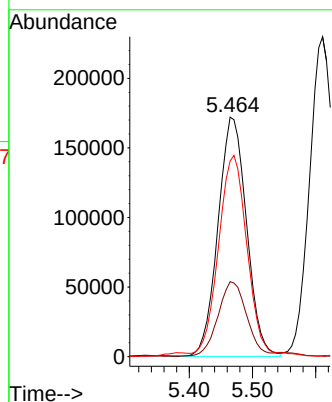
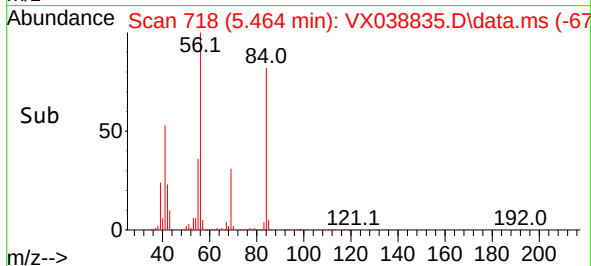
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 53806
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 80.3 65.9 98.9

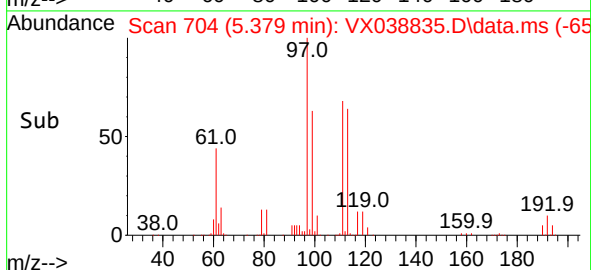
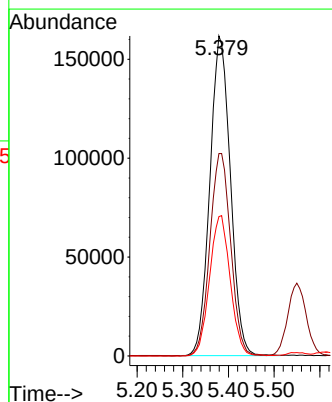
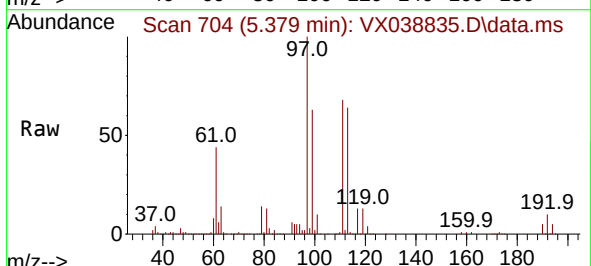
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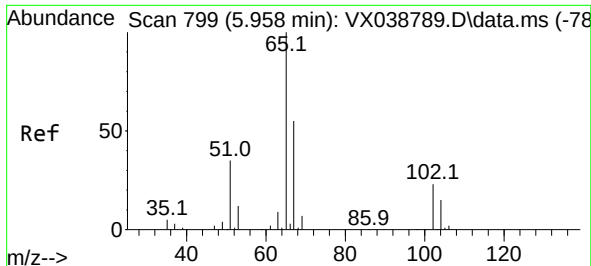
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#32
1,1,1-Trichloroethane
Concen: 139.116 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 97 Resp: 504281
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 44.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 139.251 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 37564

Ion Ratio Lower Upper

65 100

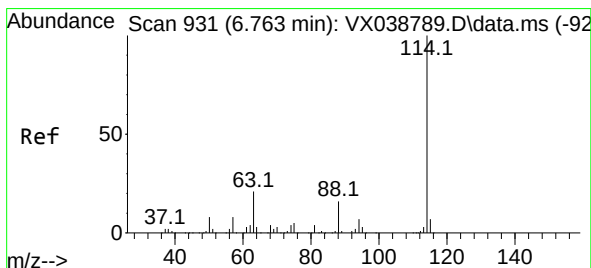
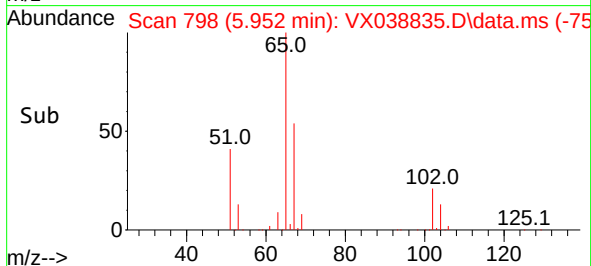
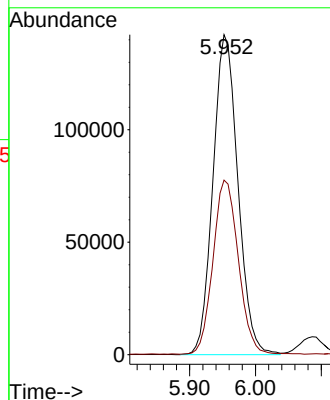
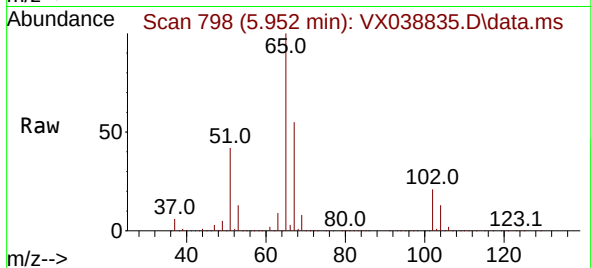
67 55.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

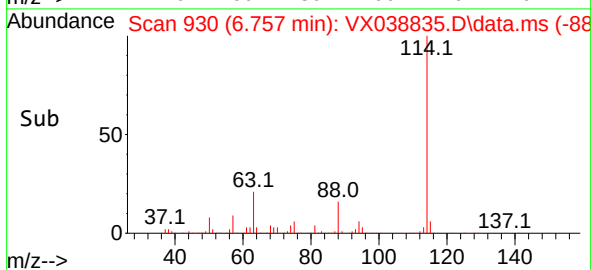
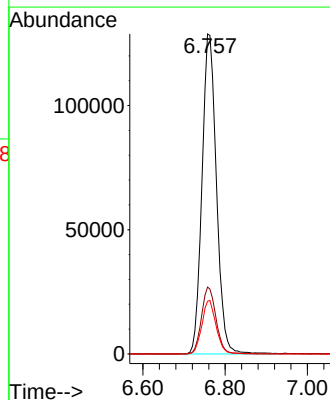
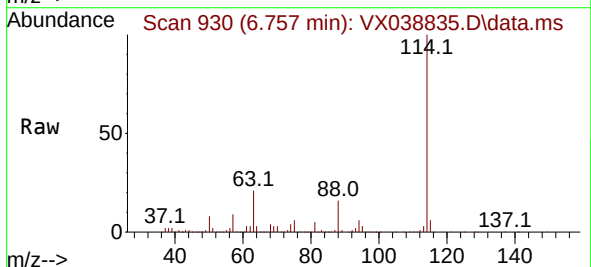
Tgt Ion:114 Resp: 314222

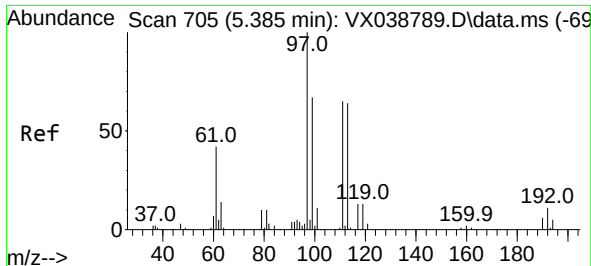
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

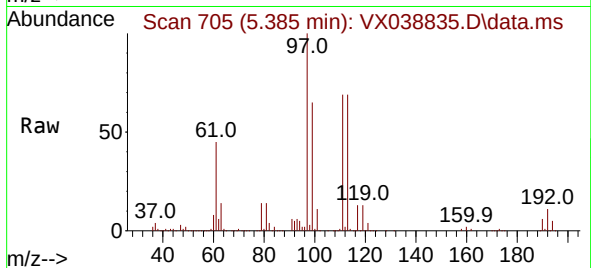
88 16.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 139.751 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

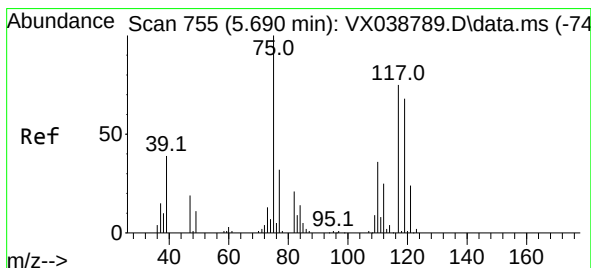
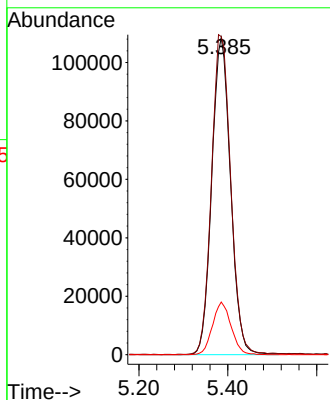
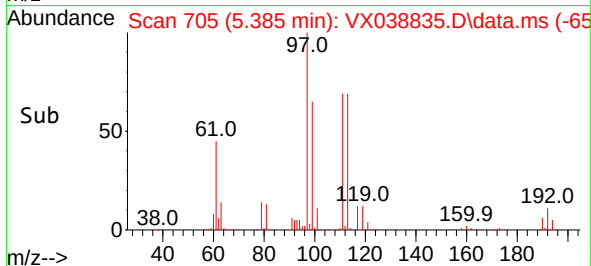
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:113 Resp: 317150
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 16.5 13.3 19.9

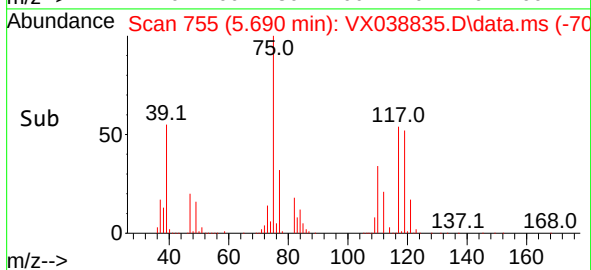
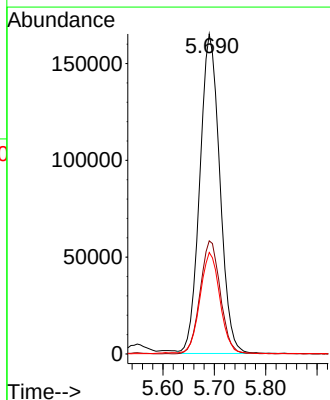
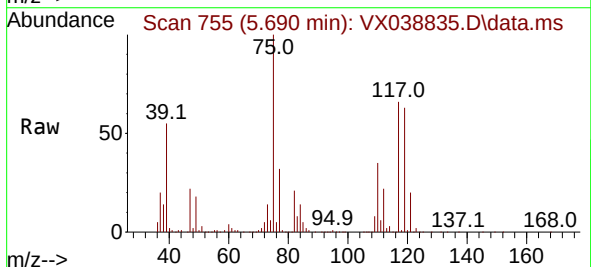
Manual Integrations
APPROVED

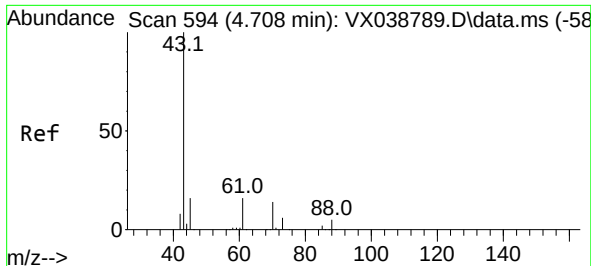
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#36
1,1-Dichloropropene
Concen: 137.045 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 75 Resp: 445747
Ion Ratio Lower Upper
75 100
110 35.6 17.0 50.9
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 140.801 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 596654

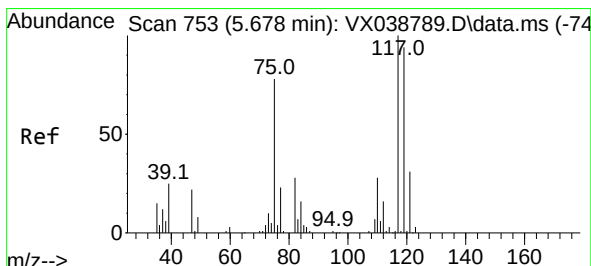
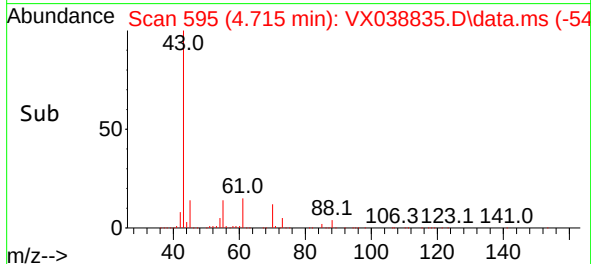
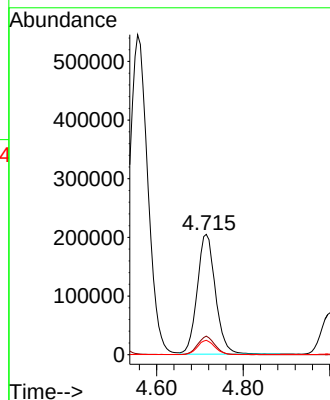
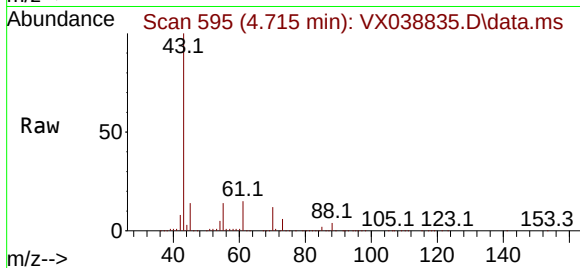
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.6	16.0
70	11.4	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#38

Carbon Tetrachloride

Concen: 141.407 ug/l

RT: 5.678 min Scan# 753

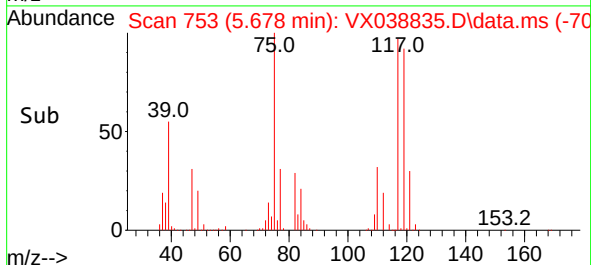
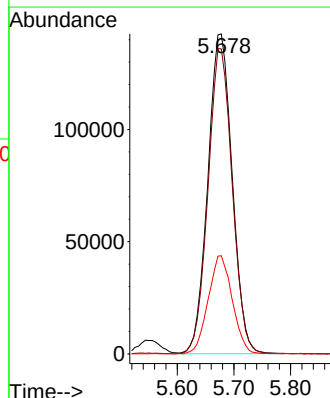
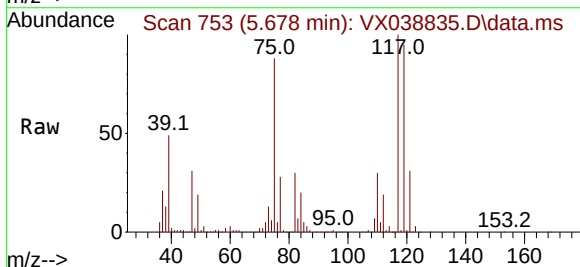
Delta R.T. 0.000 min

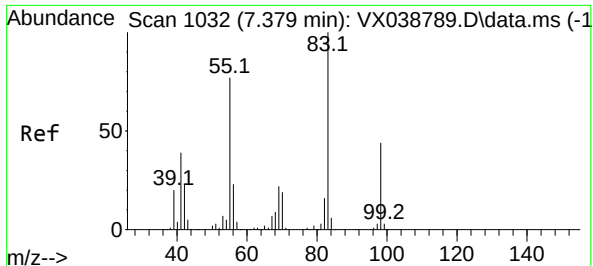
Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Tgt Ion:117 Resp: 425084

Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.2	117.2
121	30.6	24.4	36.6





#39

Methylcyclohexane

Concen: 135.074 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 57306

Ion Ratio Lower Upper

83 100

55 76.3 64.6 97.0

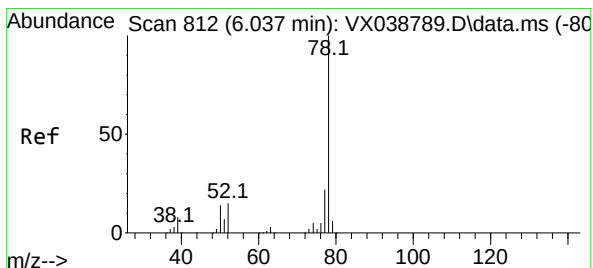
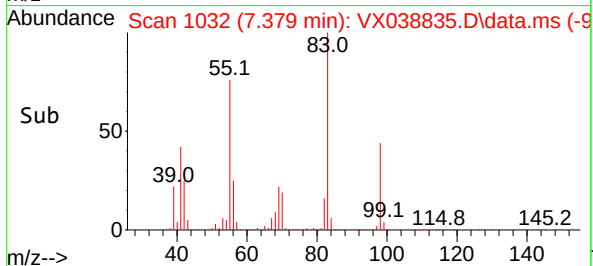
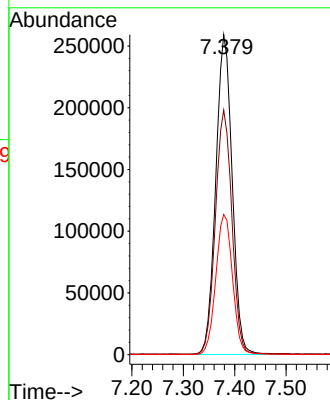
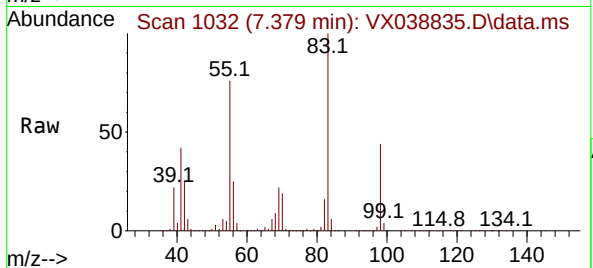
98 43.8 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#40

Benzene

Concen: 141.001 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038835.D

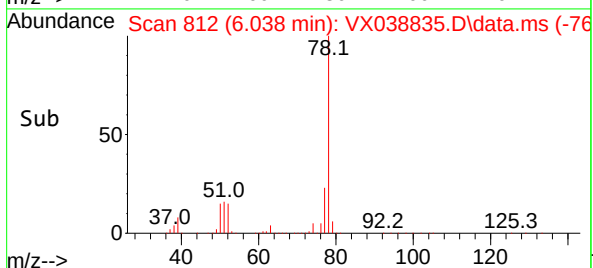
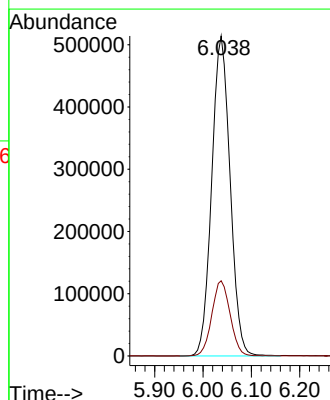
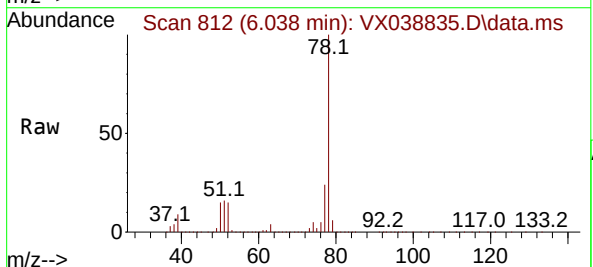
Acq: 16 Nov 2023 12:06

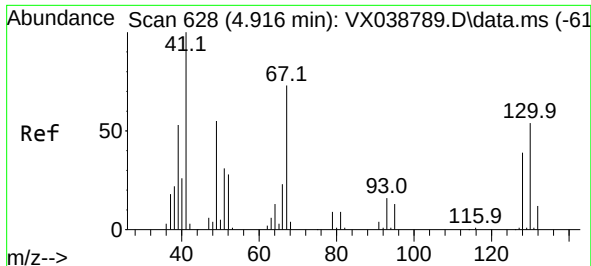
Tgt Ion: 78 Resp: 1356440

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 144.867 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

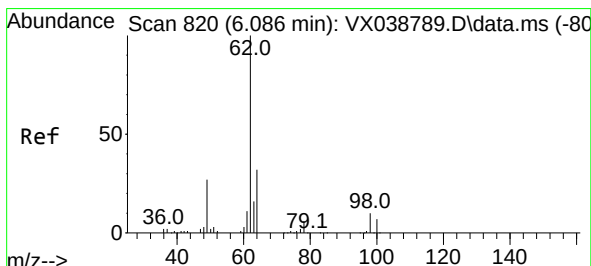
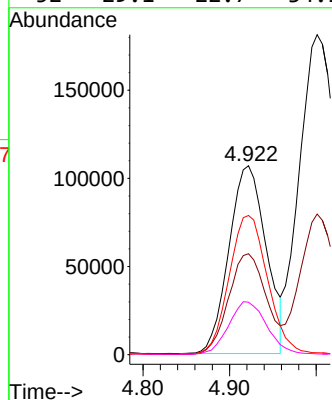
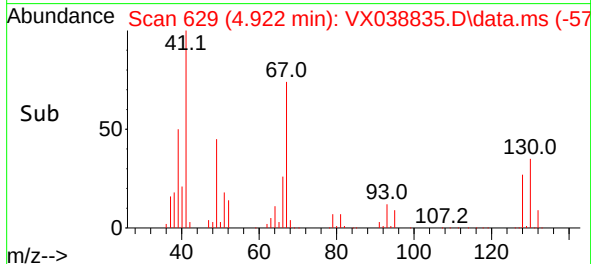
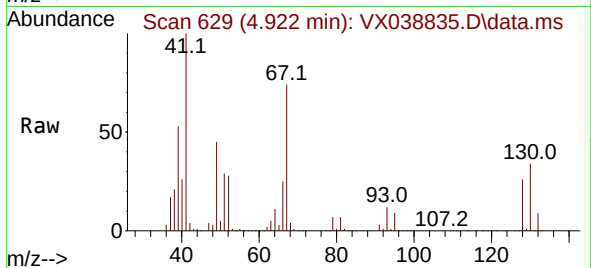
Tgt Ion: 41 Resp: 318390
Ion Ratio Lower Upper
41 100
39 53.8 45.2 67.8
67 76.7 52.6 78.8
52 29.1 22.7 34.1

Manual Integrations

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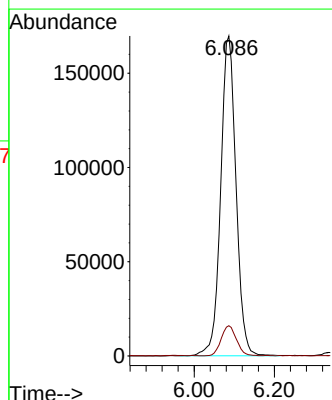
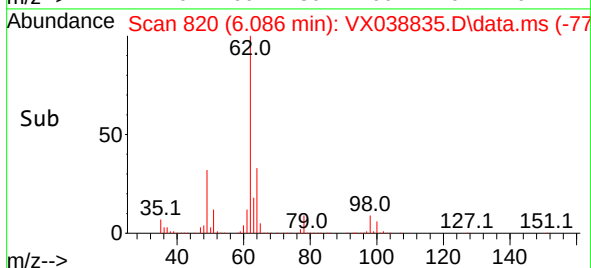
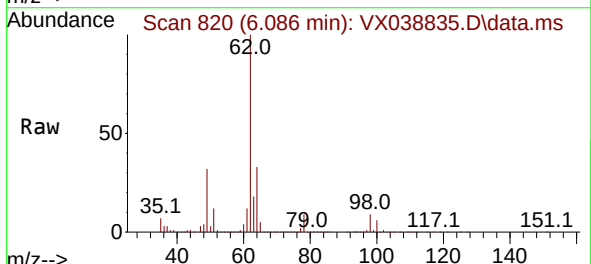
Reviewed By :John Carlone 11/17/2023

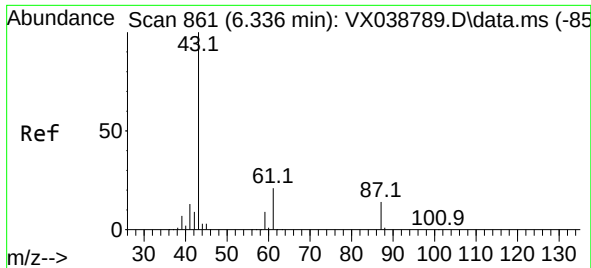
Supervised By :Mahesh Dadoda 11/17/2023



#42
1,2-Dichloroethane
Concen: 141.213 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 62 Resp: 450086
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 143.462 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 97156

Ion Ratio Lower Upper

43 100

61 20.8 15.2 22.8

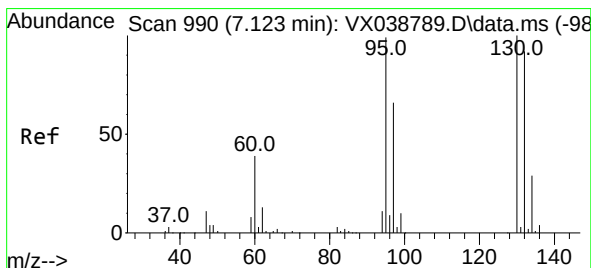
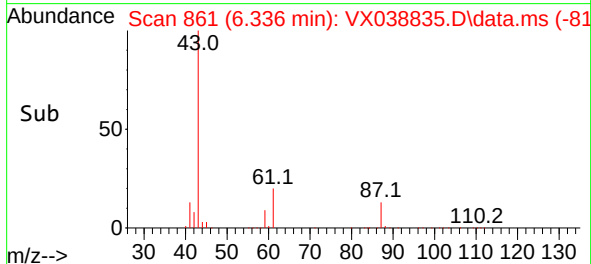
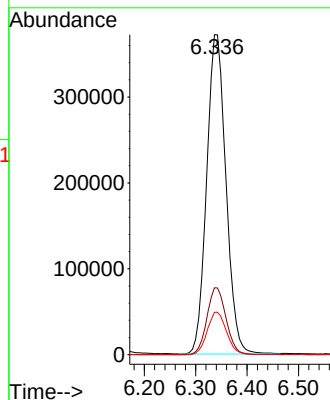
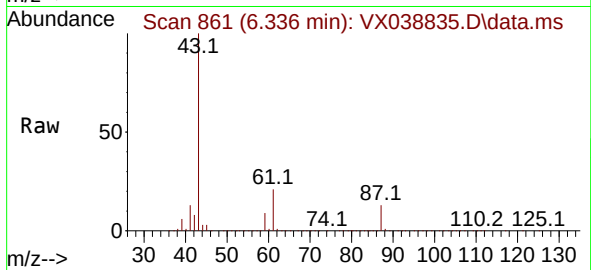
87 13.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#44

Trichloroethene

Concen: 141.269 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX038835.D

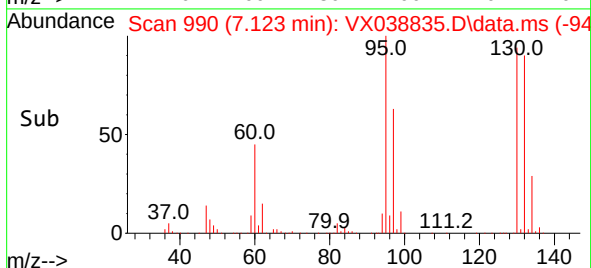
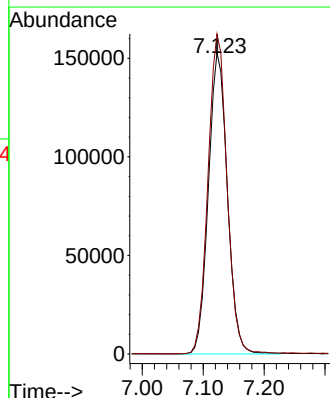
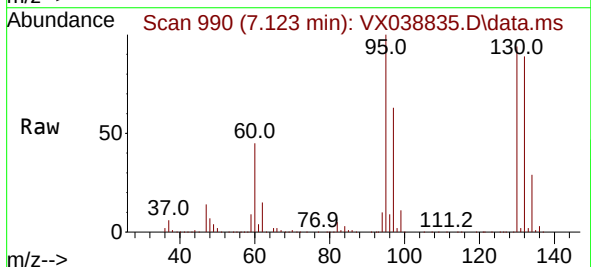
Acq: 16 Nov 2023 12:06

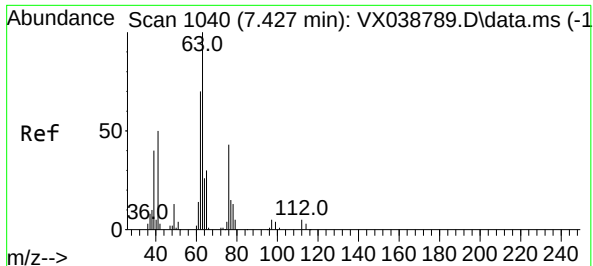
Tgt Ion:130 Resp: 330797

Ion Ratio Lower Upper

130 100

95 106.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 143.474 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 37143

Ion Ratio Lower Upper

63 100

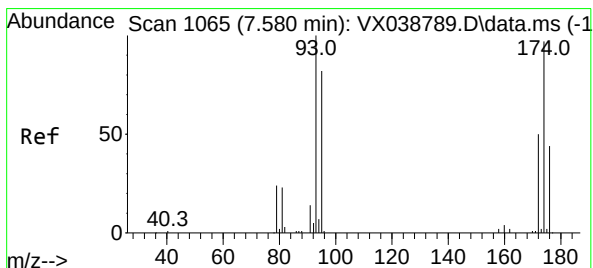
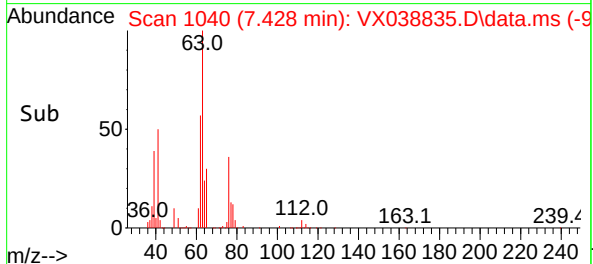
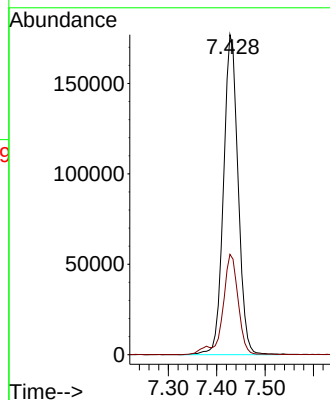
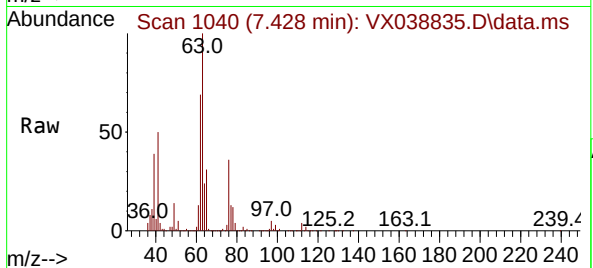
65 31.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#46

Dibromomethane

Concen: 143.641 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

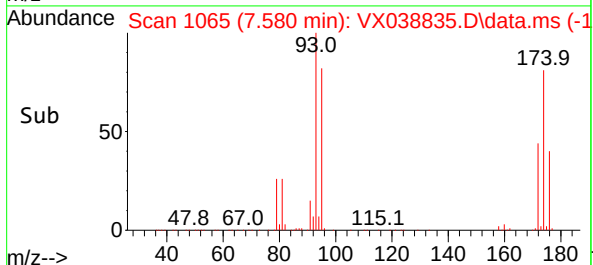
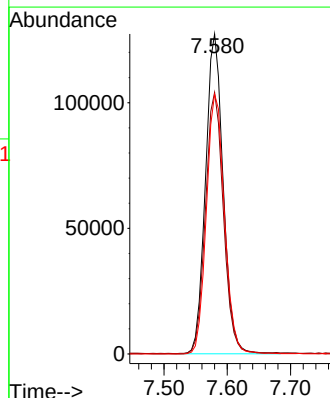
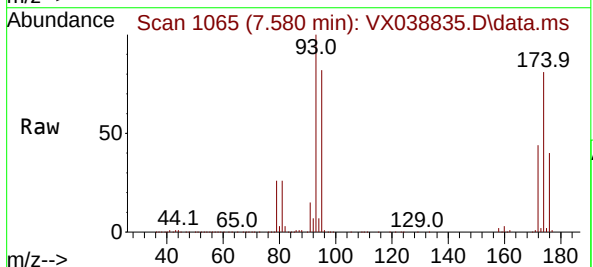
Tgt Ion: 93 Resp: 247986

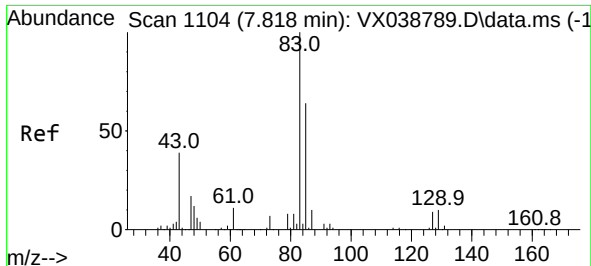
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

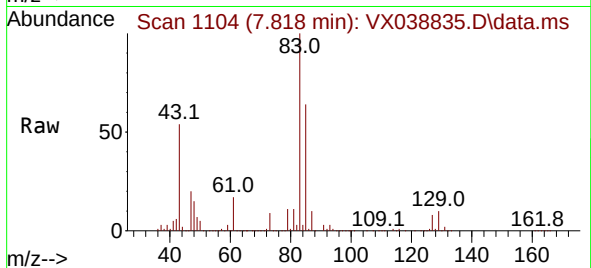
174 83.2 69.4 104.0





#47
Bromodichloromethane
Concen: 139.106 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

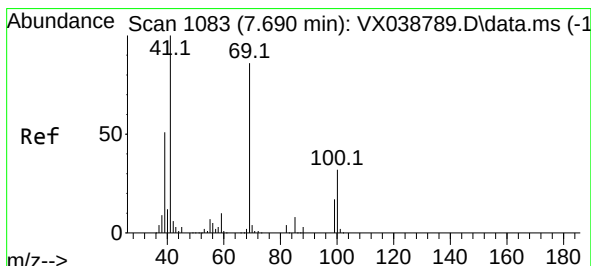
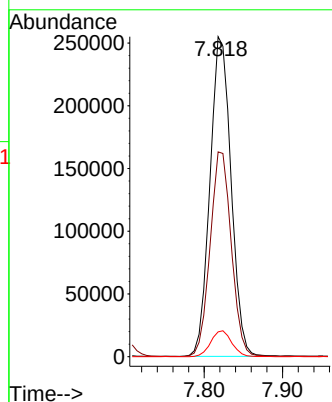
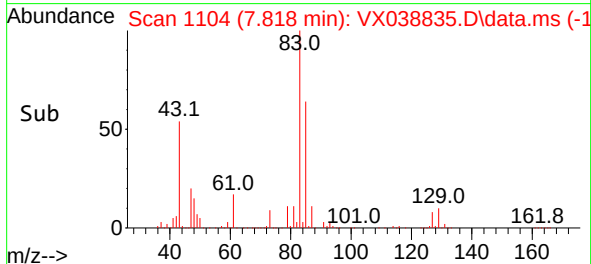
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 47665
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 7.7 7.1 10.7

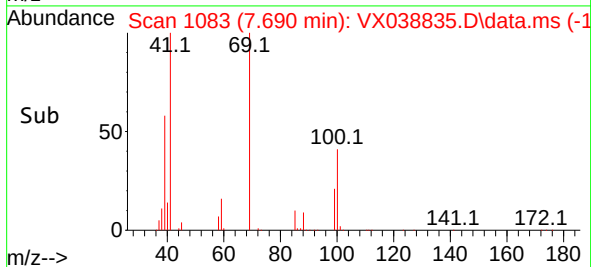
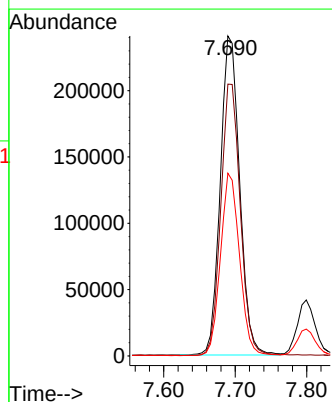
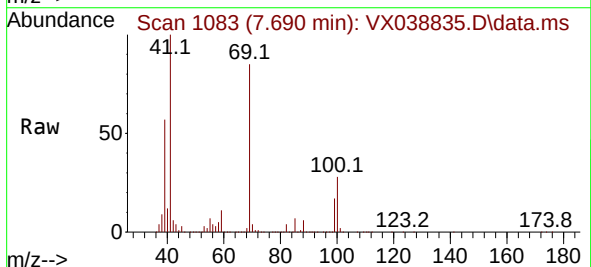
Manual Integrations
APPROVED

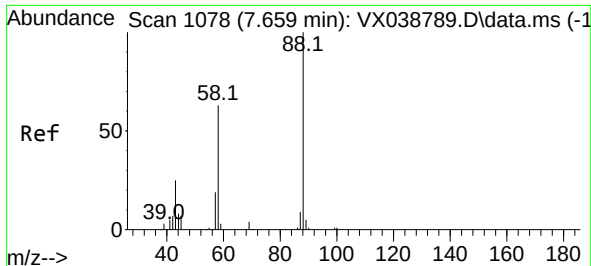
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#48
Methyl methacrylate
Concen: 137.747 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

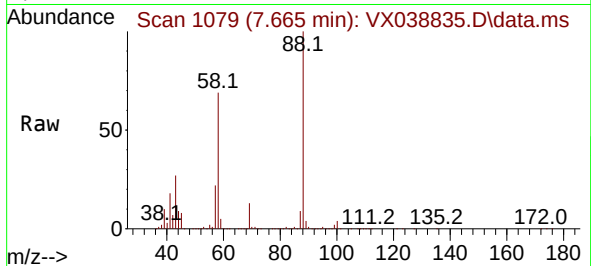
Tgt Ion: 41 Resp: 452617
Ion Ratio Lower Upper
41 100
69 86.1 59.2 88.8
39 56.5 47.7 71.5





#49
1,4-Dioxane
Concen: 2846.411 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

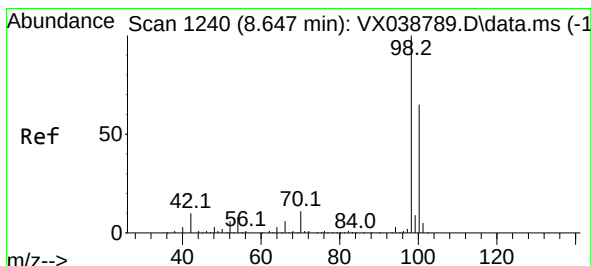
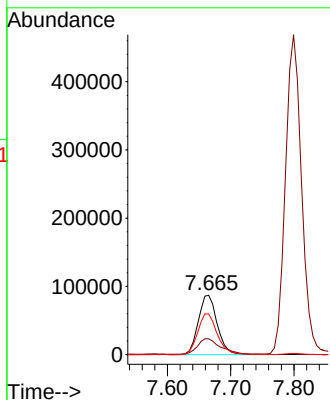
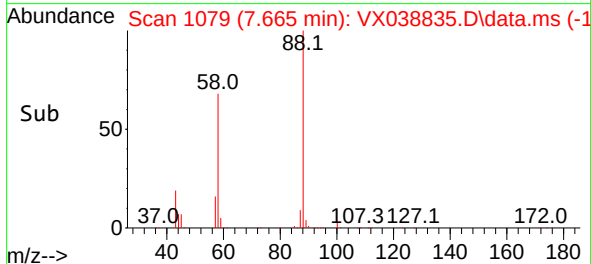
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 180943
Ion Ratio Lower Upper
88 100
43 31.0 0.0 0.0
58 71.0 60.1 90.1

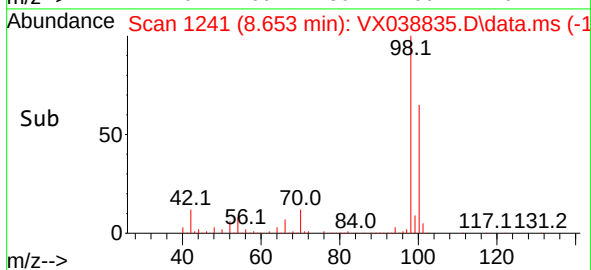
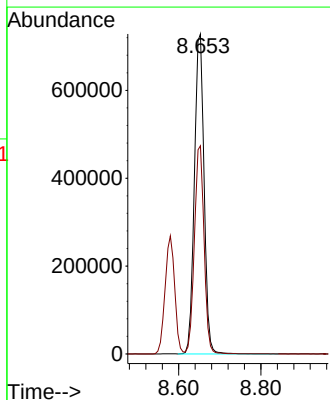
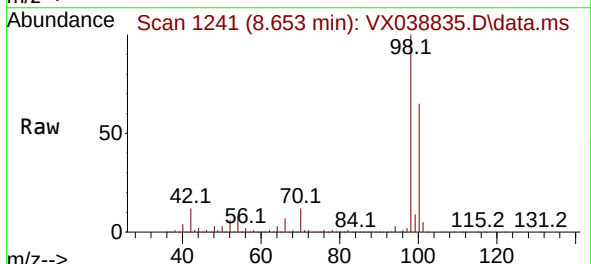
Manual Integrations
APPROVED

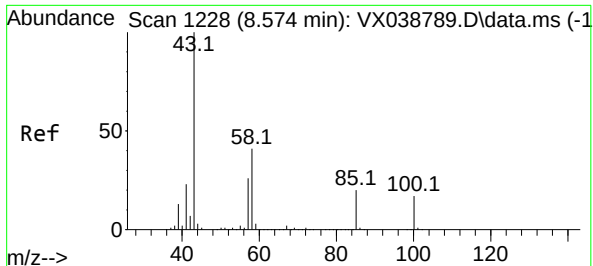
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#50
Toluene-d8
Concen: 136.875 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 98 Resp: 1188459
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7





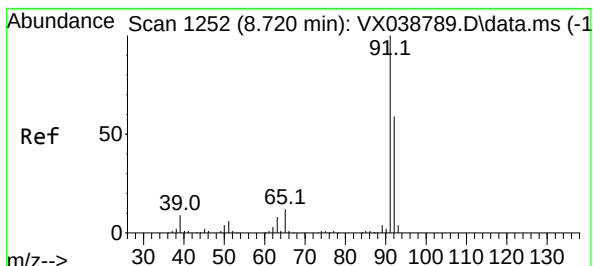
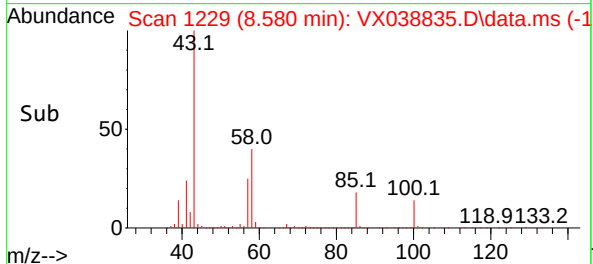
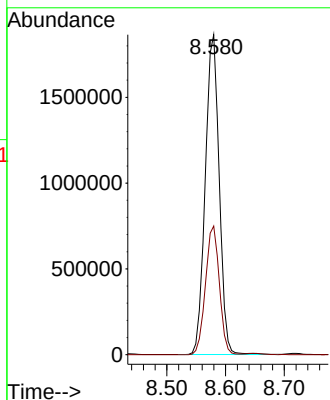
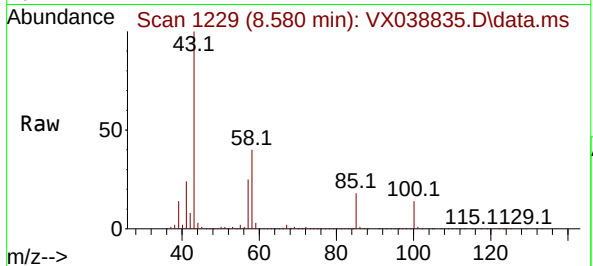
#51
4-Methyl-2-Pentanone
Concen: 710.869 ug/l
RT: 8.580 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 307654
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6

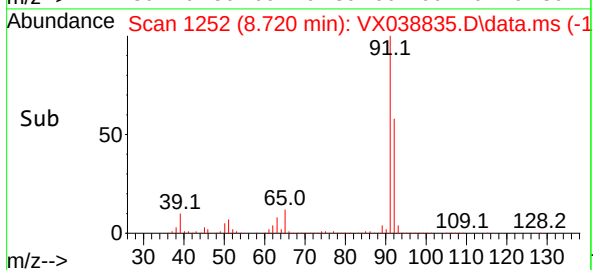
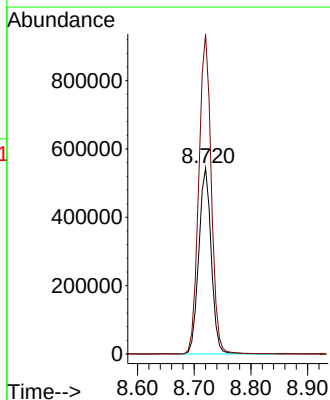
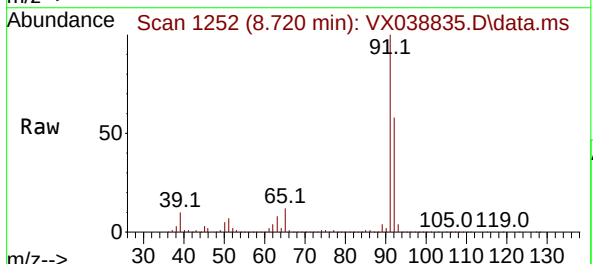
Manual Integrations
APPROVED

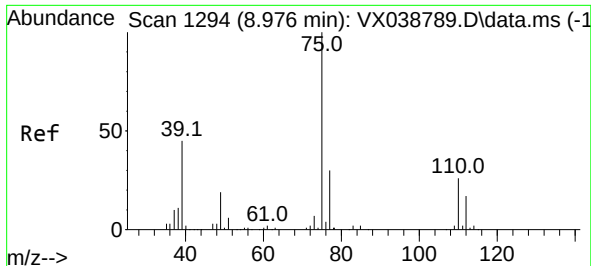
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#52
Toluene
Concen: 138.779 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

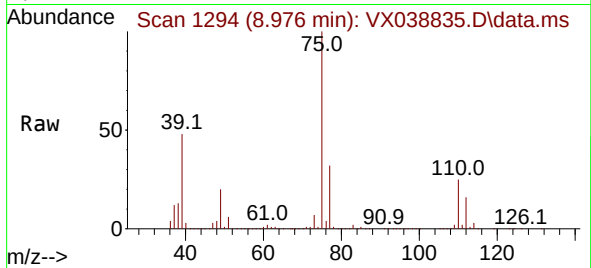
Tgt Ion: 92 Resp: 828476
Ion Ratio Lower Upper
92 100
91 172.8 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 142.556 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

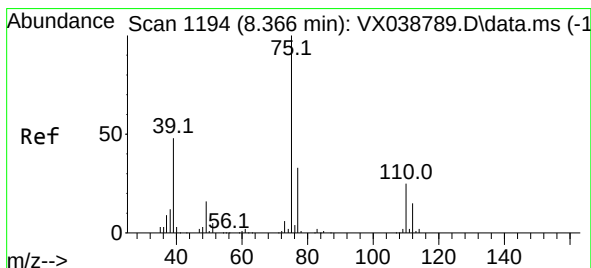
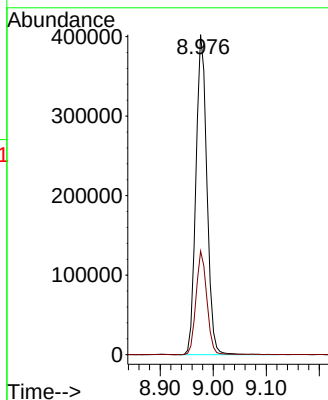
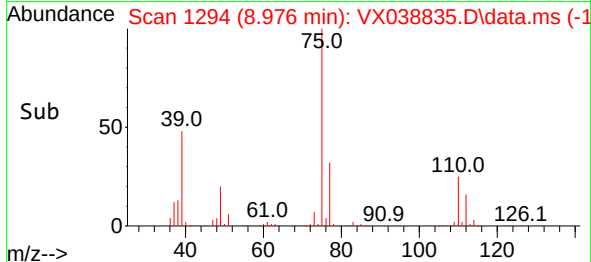
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



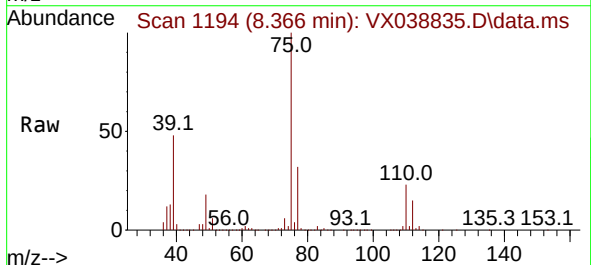
Tgt Ion: 75 Resp: 58049
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5

Manual Integrations
APPROVED

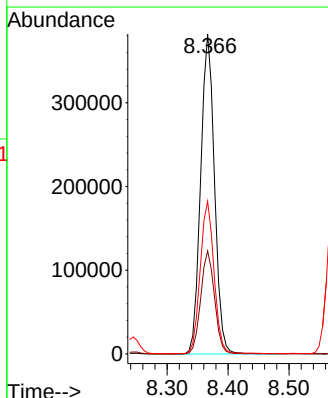
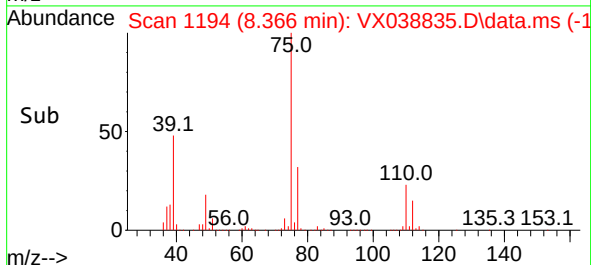
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

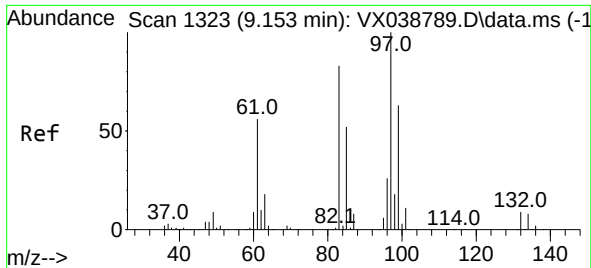


#54
cis-1,3-Dichloropropene
Concen: 143.306 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06



Tgt Ion: 75 Resp: 602771
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 47.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 141.013 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

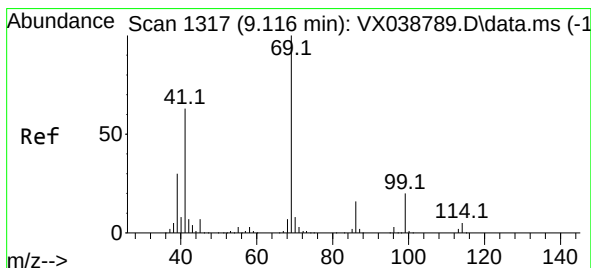
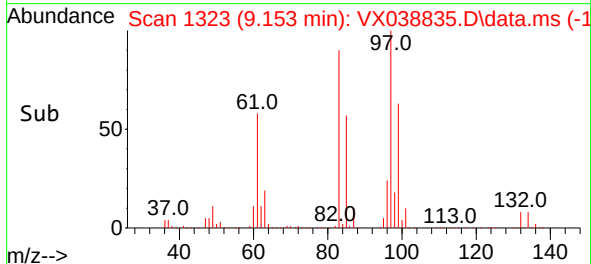
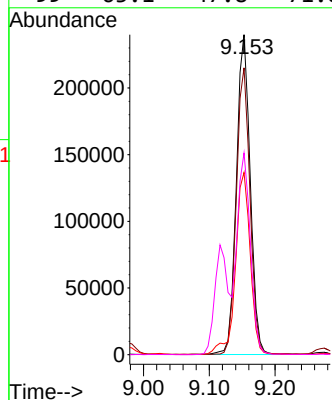
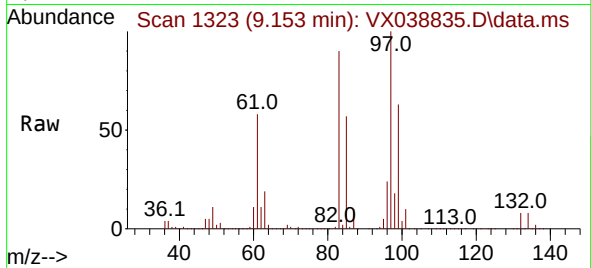
Tgt Ion: 97 Resp: 351250
Ion Ratio Lower Upper
97 100
83 89.5 65.8 98.8
85 56.8 41.6 62.4
99 63.1 47.8 71.8

Manual Integrations

APPROVED

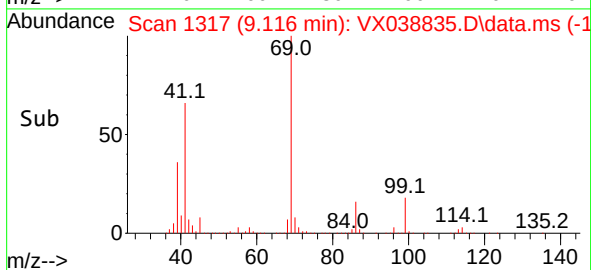
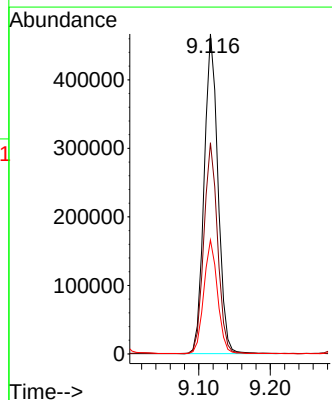
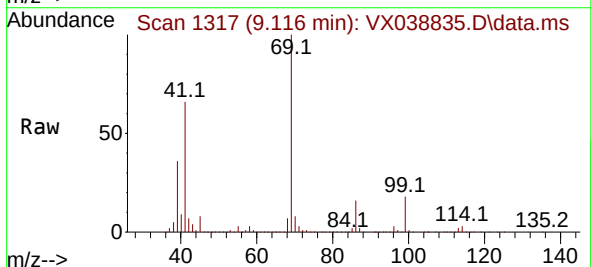
Reviewed By :John Carlone 11/17/2023

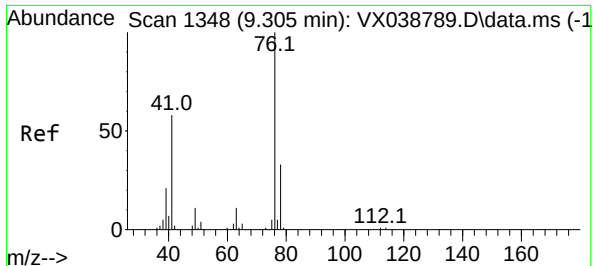
Supervised By :Mahesh Dadoda 11/17/2023



#56
Ethyl methacrylate
Concen: 148.376 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 69 Resp: 625336
Ion Ratio Lower Upper
69 100
41 65.8 56.8 85.2
39 35.6 32.0 48.0





#57

1,3-Dichloropropane

Concen: 141.218 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 581759

Ion Ratio Lower Upper

76 100

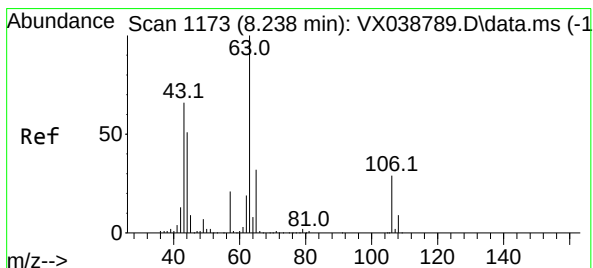
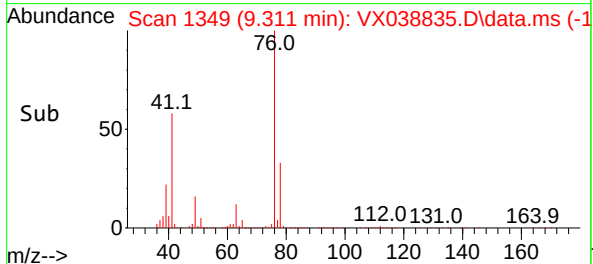
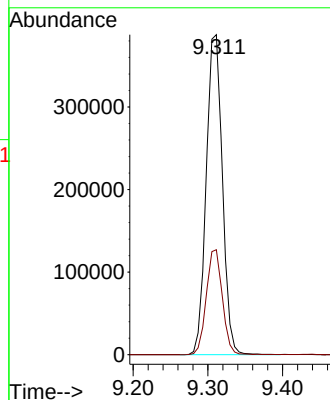
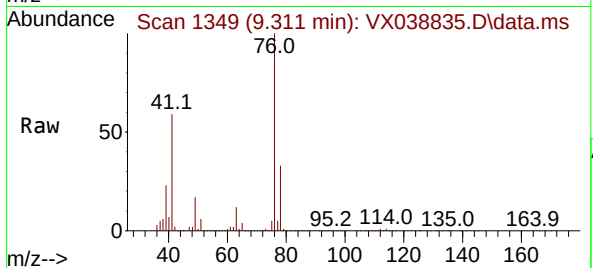
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 784.344 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX038835.D

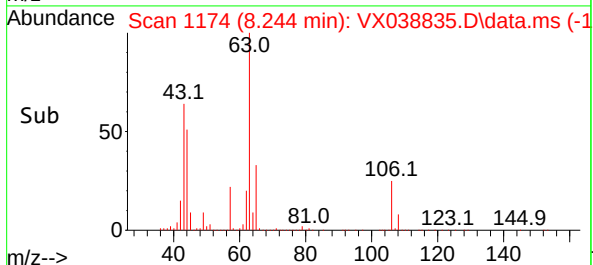
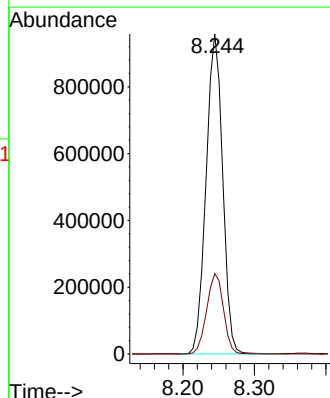
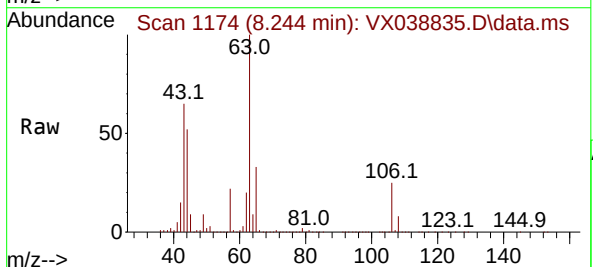
Acq: 16 Nov 2023 12:06

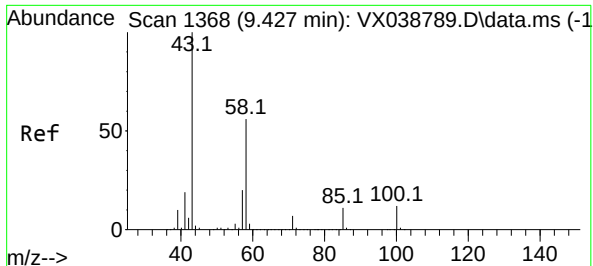
Tgt Ion: 63 Resp: 1539910

Ion Ratio Lower Upper

63 100

106 25.5 22.5 33.7





#59

2-Hexanone

Concen: 707.856 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 245548

Ion Ratio Lower Upper

43 100

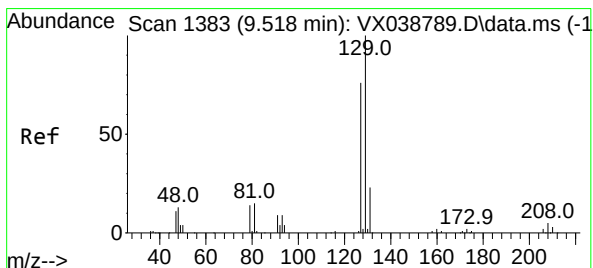
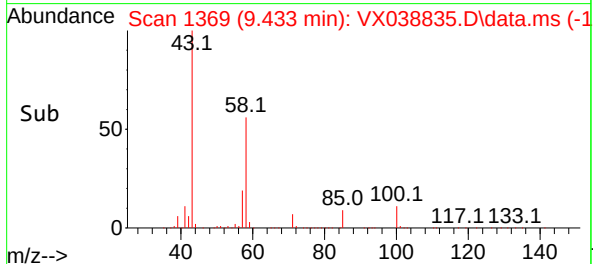
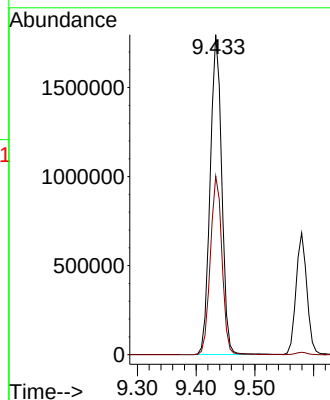
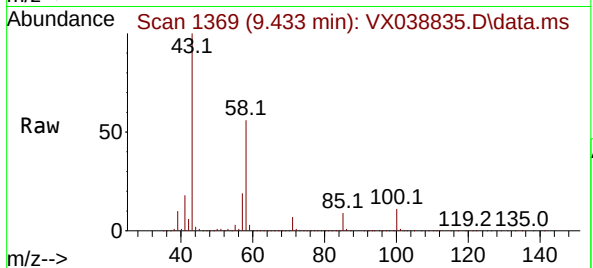
58 56.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#60

Dibromochloromethane

Concen: 144.863 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX038835.D

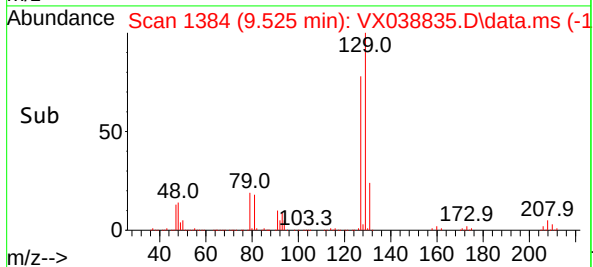
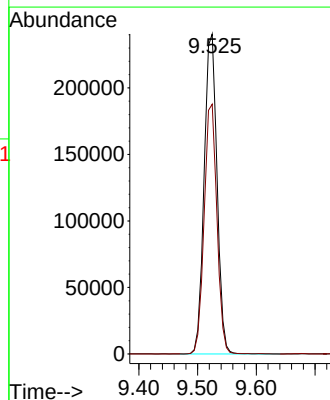
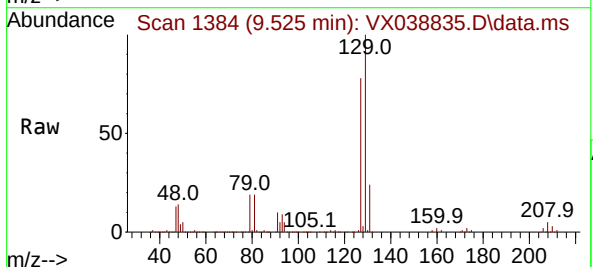
Acq: 16 Nov 2023 12:06

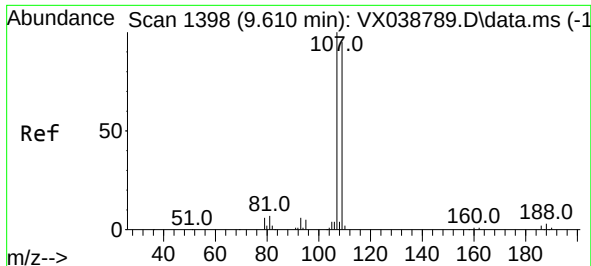
Tgt Ion:129 Resp: 366901

Ion Ratio Lower Upper

129 100

127 77.6 38.8 116.4





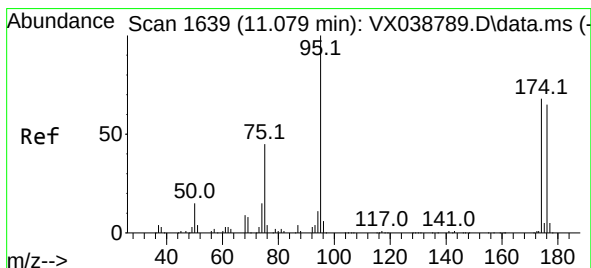
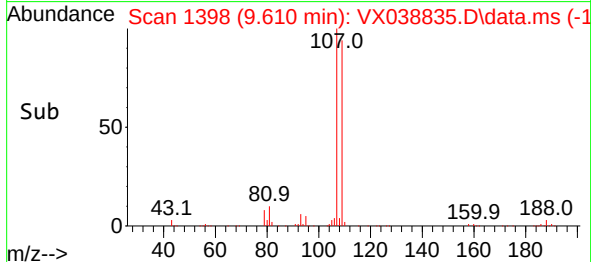
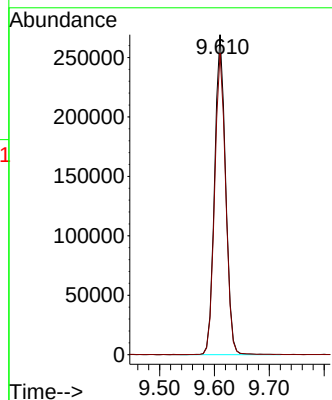
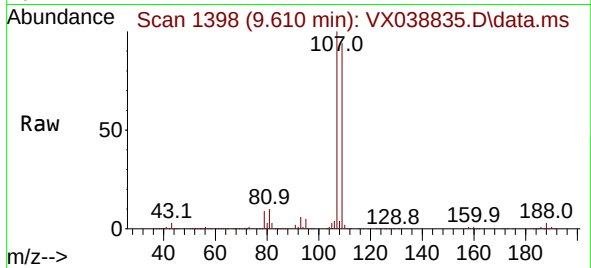
#61
1,2-Dibromoethane
Concen: 143.070 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 37395
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

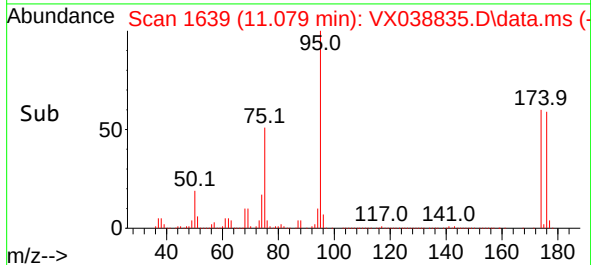
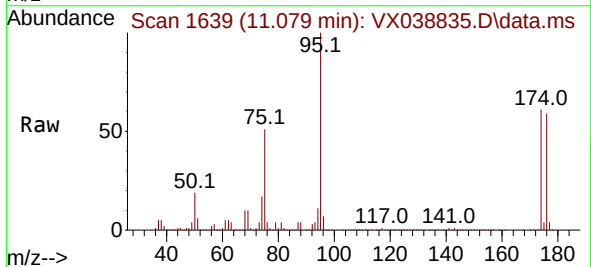
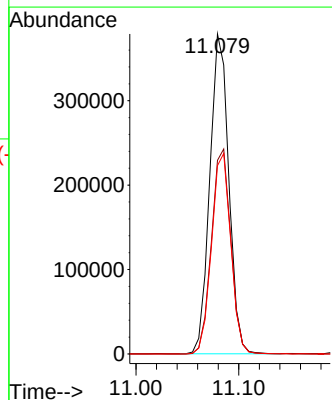
Manual Integrations
APPROVED

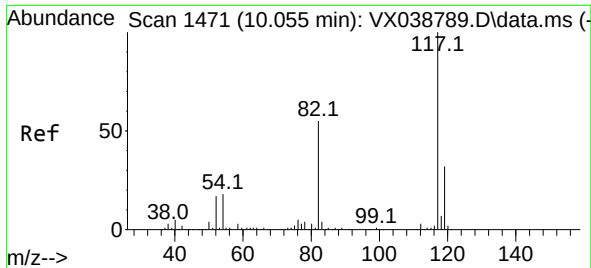
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#62
4-Bromofluorobenzene
Concen: 139.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

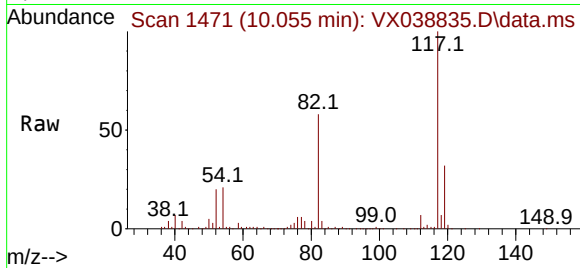
Tgt Ion: 95 Resp: 485237
Ion Ratio Lower Upper
95 100
174 65.6 0.0 135.6
176 63.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

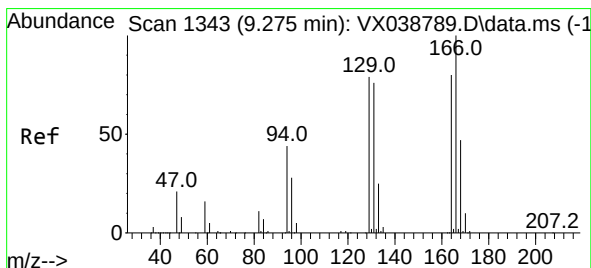
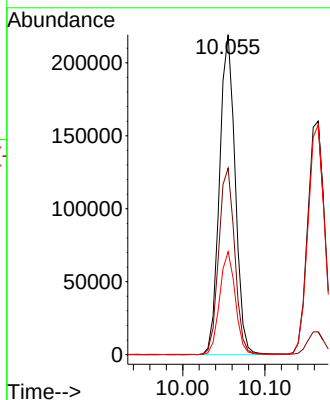
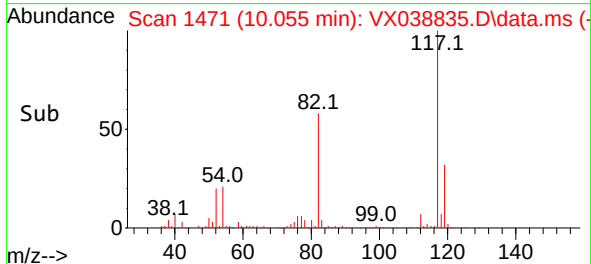
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 291290
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.2 25.5 38.3

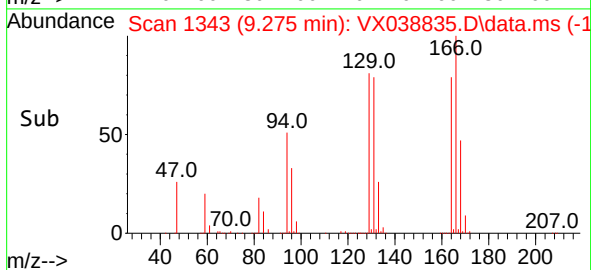
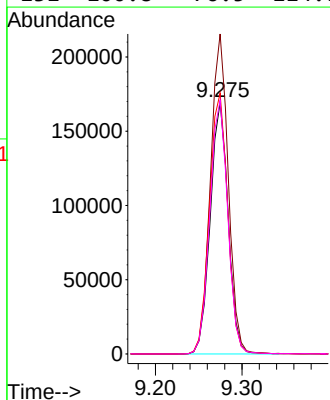
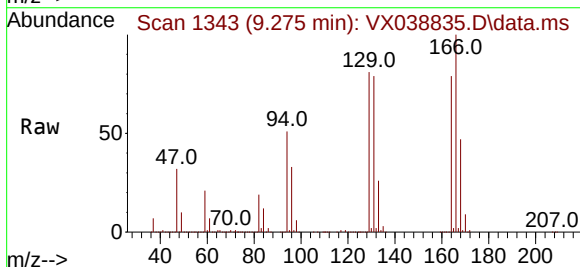
Manual Integrations
APPROVED

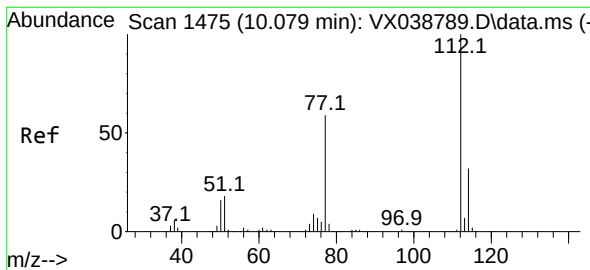
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#64
Tetrachloroethene
Concen: 134.315 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Tgt Ion:164 Resp: 243196
Ion Ratio Lower Upper
164 100
166 127.1 102.7 154.1
129 103.6 80.4 120.6
131 100.8 76.5 114.7





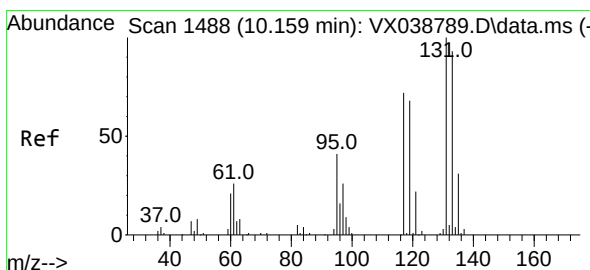
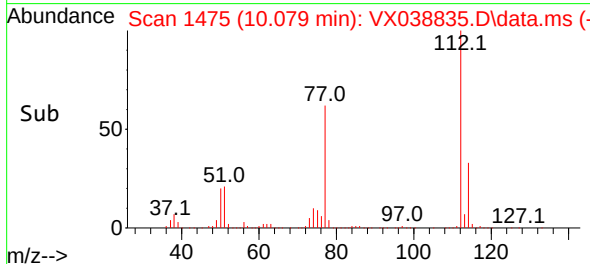
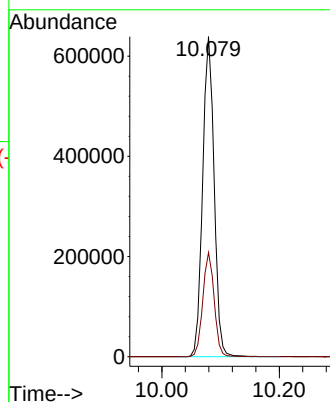
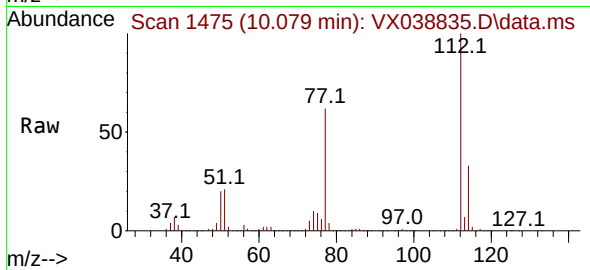
#65
Chlorobenzene
Concen: 138.353 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 86814
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

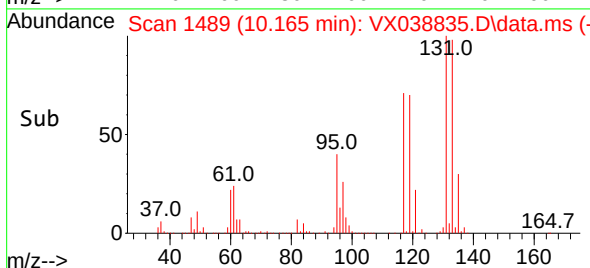
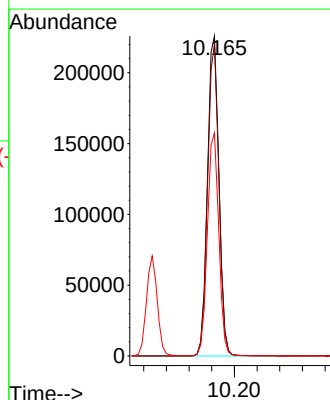
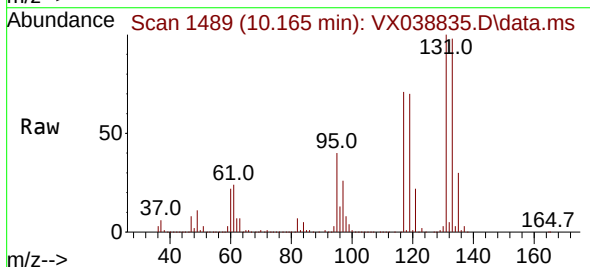
Manual Integrations
APPROVED

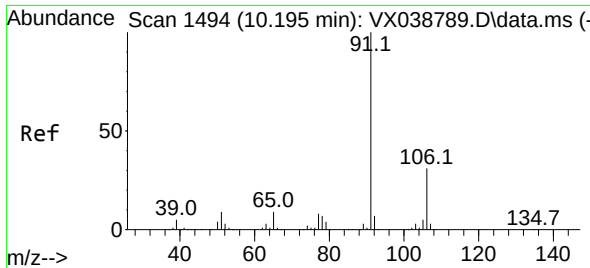
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 140.724 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Tgt Ion:131 Resp: 317637
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 69.2 32.2 96.6





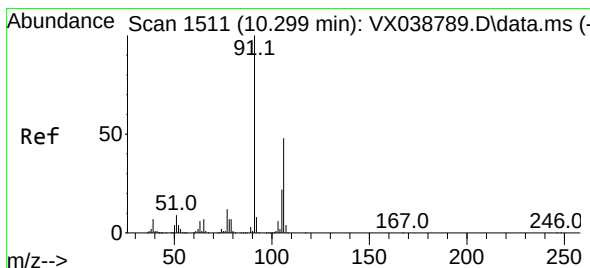
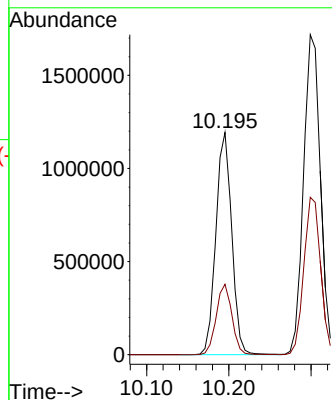
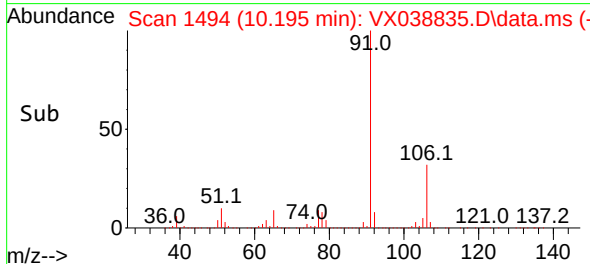
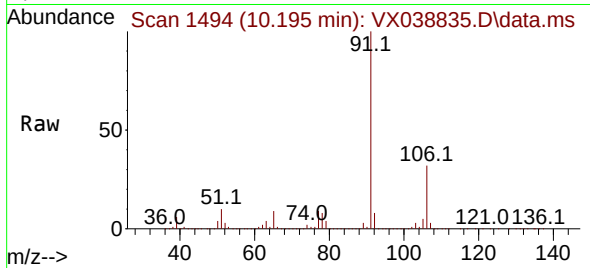
#67
Ethyl Benzene
Concen: 138.651 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 159844
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

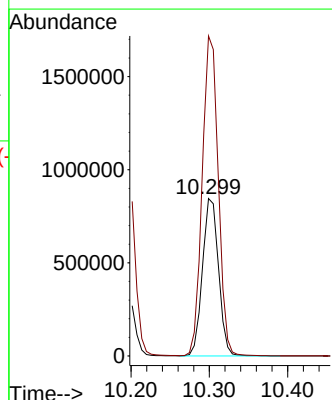
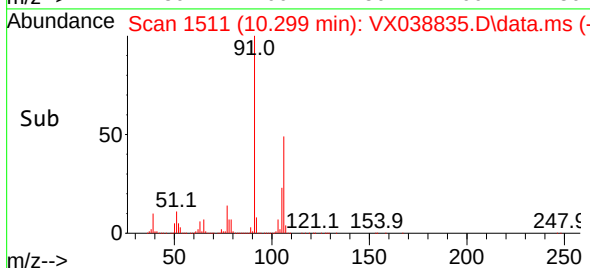
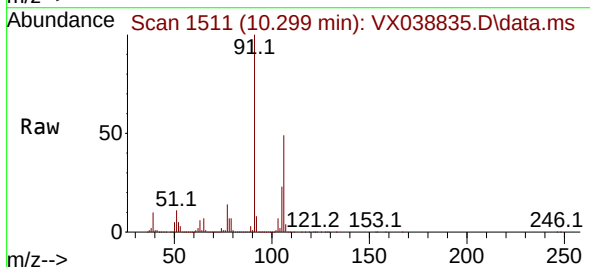
Manual Integrations
APPROVED

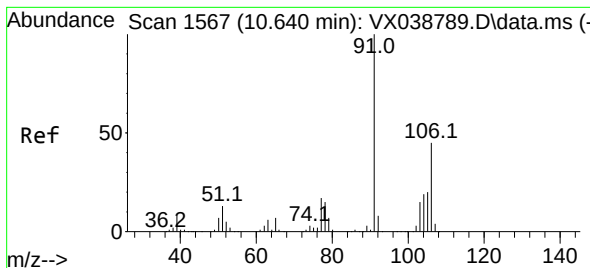
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#68
m/p-Xylenes
Concen: 275.606 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

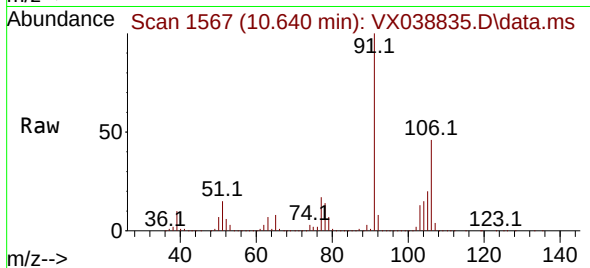
Tgt Ion:106 Resp: 1201904
Ion Ratio Lower Upper
106 100
91 203.7 165.5 248.3





#69
o-Xylene
Concen: 140.518 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

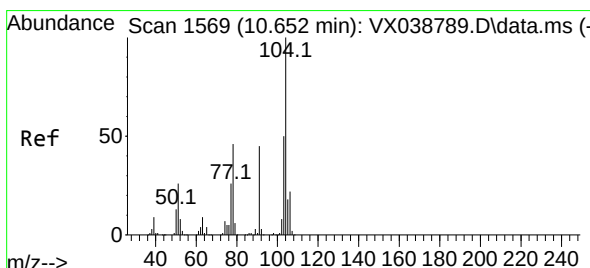
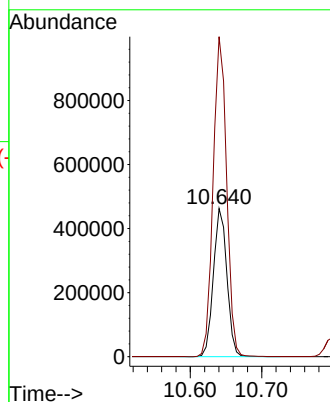
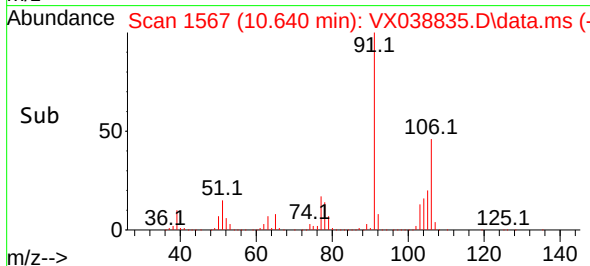
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:106 Resp: 606350
Ion Ratio Lower Upper
106 100
91 215.3 108.9 326.8

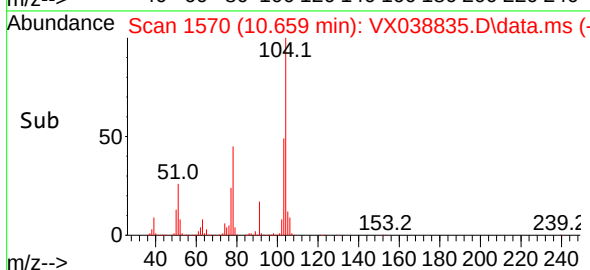
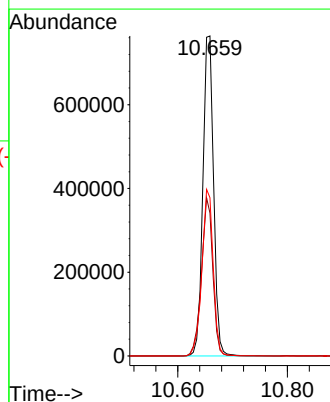
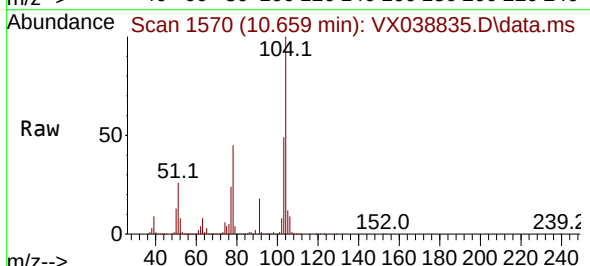
Manual Integrations
APPROVED

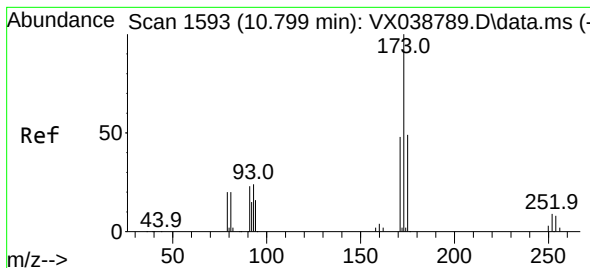
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#70
Styrene
Concen: 142.234 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

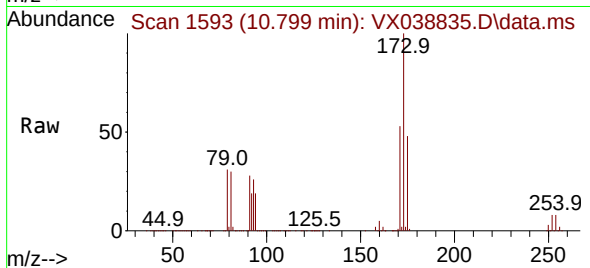
Tgt Ion:104 Resp: 1036547
Ion Ratio Lower Upper
104 100
78 52.4 43.6 65.4
103 55.1 43.6 65.4





#71
Bromoform
Concen: 148.354 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

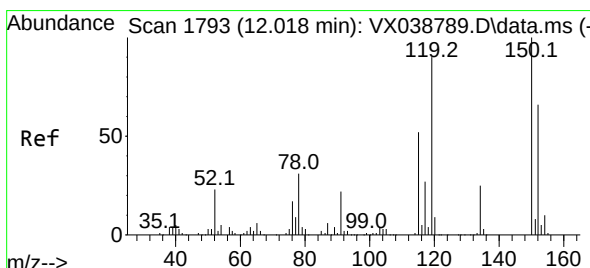
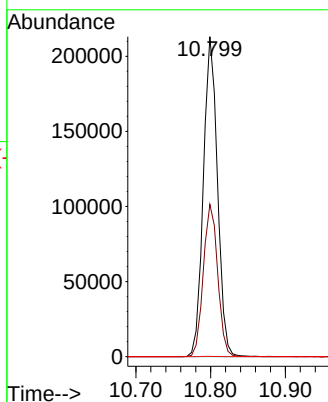
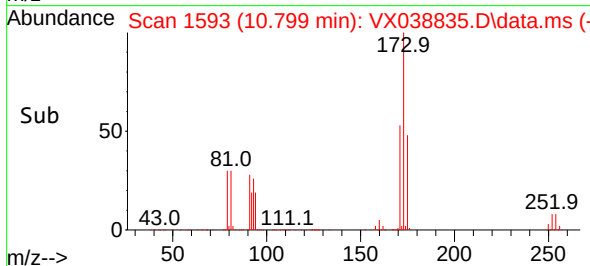
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



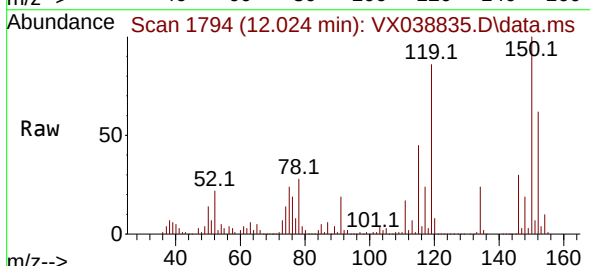
Tgt Ion:173 Resp: 279154
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

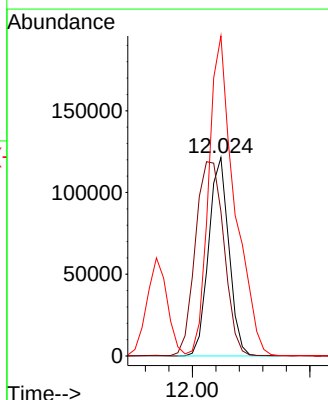
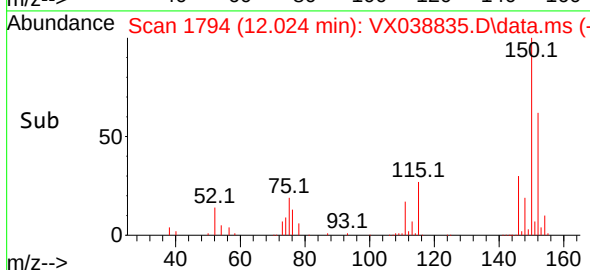
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

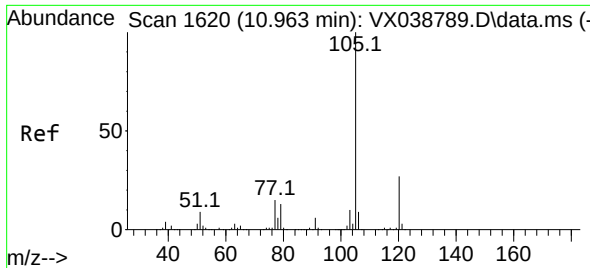


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06



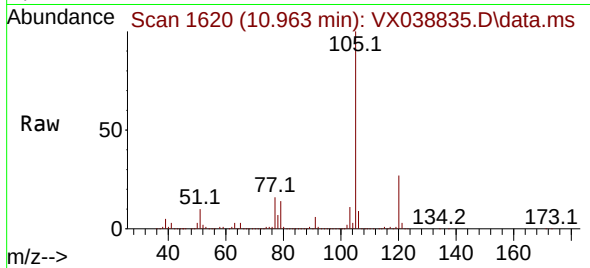
Tgt Ion:152 Resp: 145726
Ion Ratio Lower Upper
152 100
115 137.7 43.3 129.9#
150 205.2 0.0 345.0





#73
Isopropylbenzene
Concen: 135.786 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

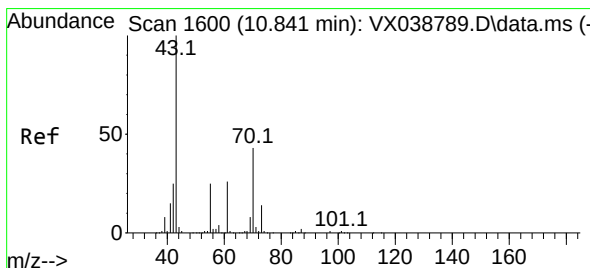
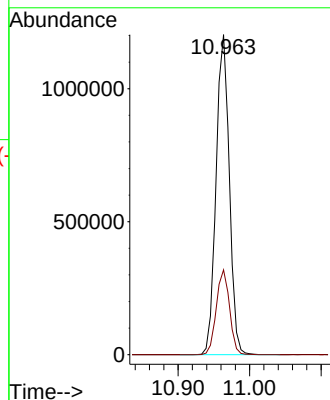
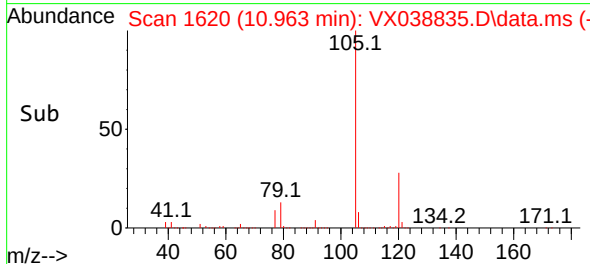
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:105 Resp: 154173
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

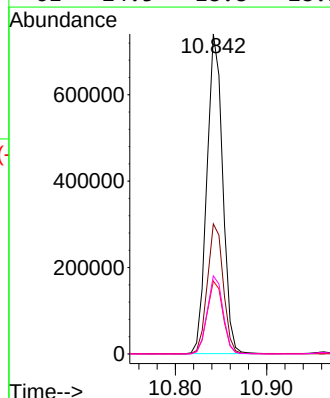
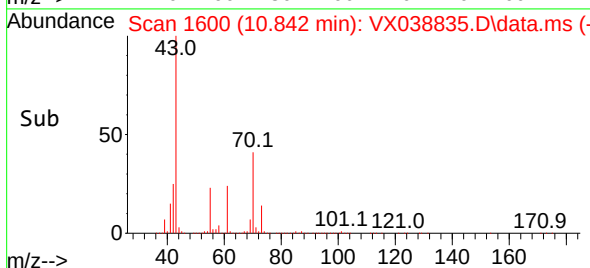
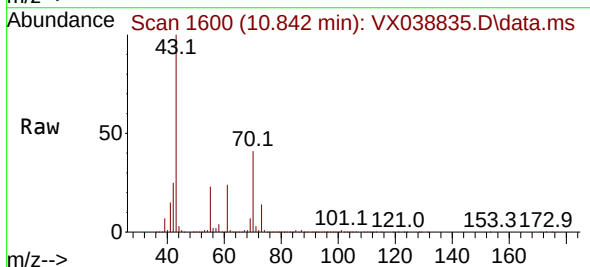
Manual Integrations
APPROVED

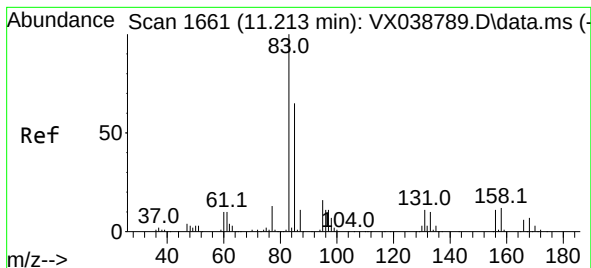
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#74
N-ethyl acetate
Concen: 147.431 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 43 Resp: 884882
Ion Ratio Lower Upper
43 100
70 41.0 32.9 49.3
55 22.9 19.3 28.9
61 24.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 139.289 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 61736

Ion Ratio Lower Upper

83 100

131 8.9 5.3 15.8

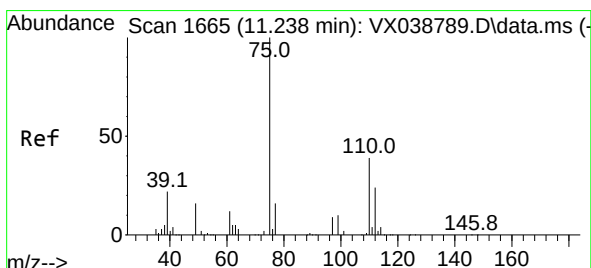
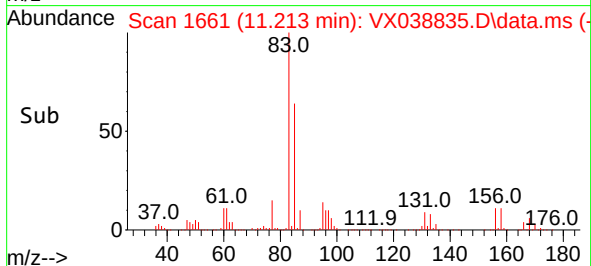
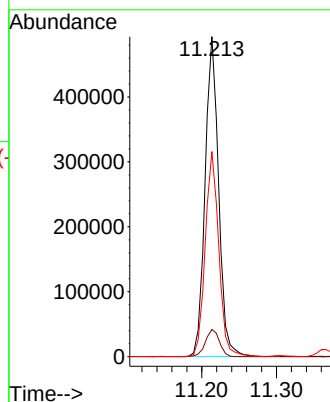
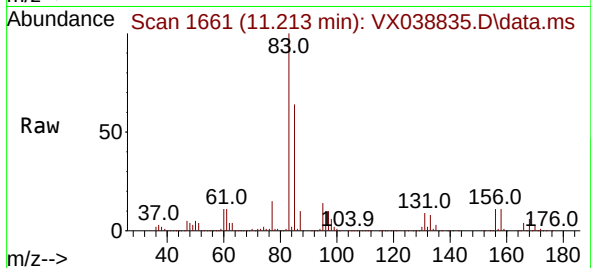
85 64.2 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#76

1,2,3-Trichloropropane

Concen: 142.630 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038835.D

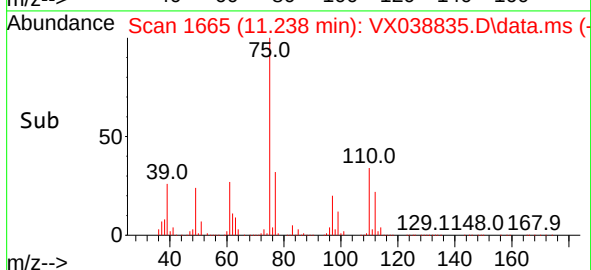
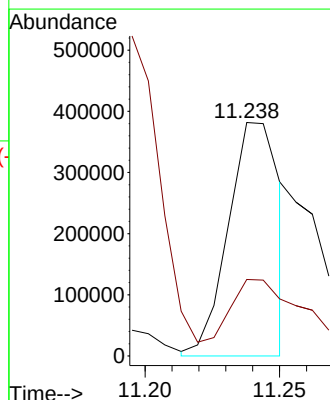
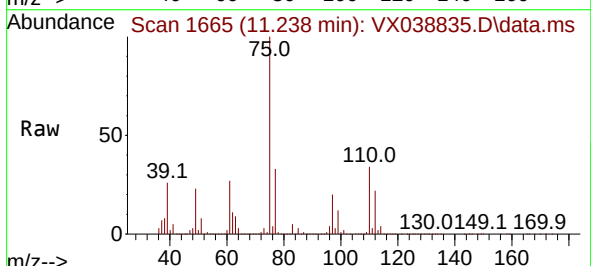
Acq: 16 Nov 2023 12:06

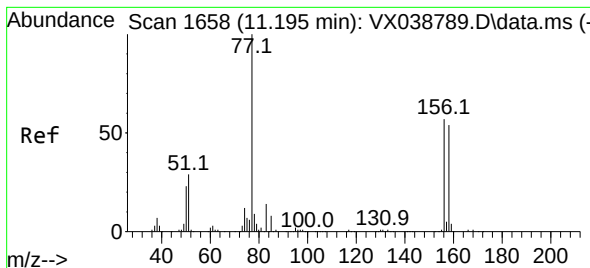
Tgt Ion: 75 Resp: 505087

Ion Ratio Lower Upper

75 100

77 48.2 19.1 57.5





#77

Bromobenzene

Concen: 138.484 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 353300

Ion Ratio Lower Upper

156 100

77 188.0 88.4 265.3

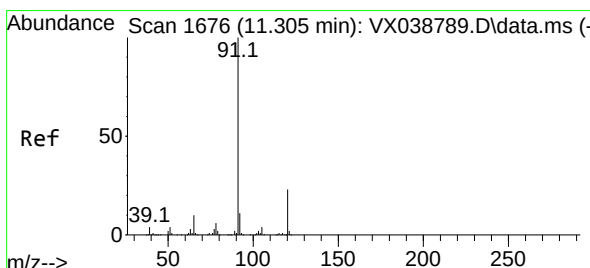
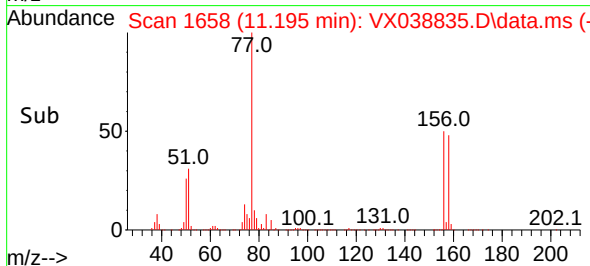
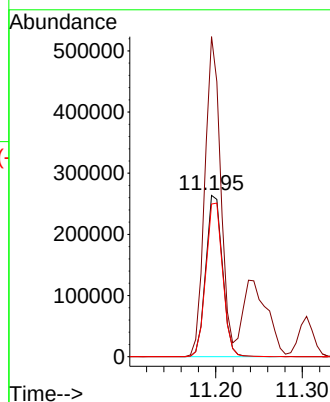
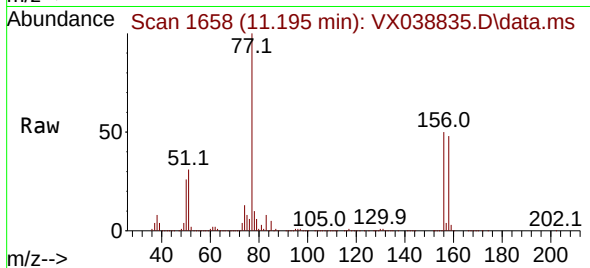
158 96.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#78

n-propylbenzene

Concen: 137.364 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038835.D

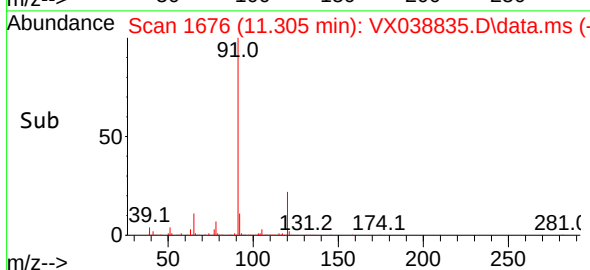
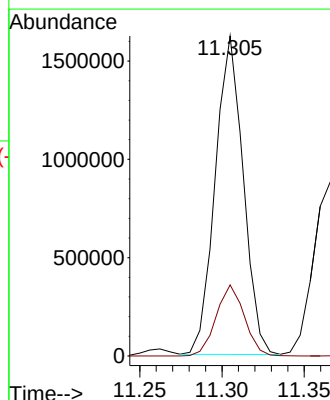
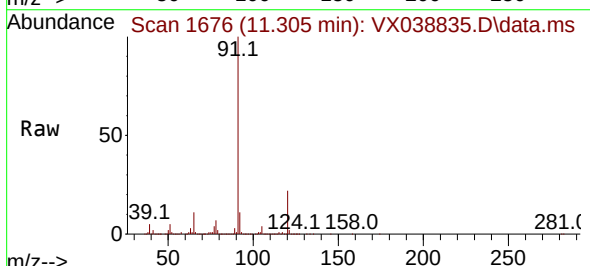
Acq: 16 Nov 2023 12:06

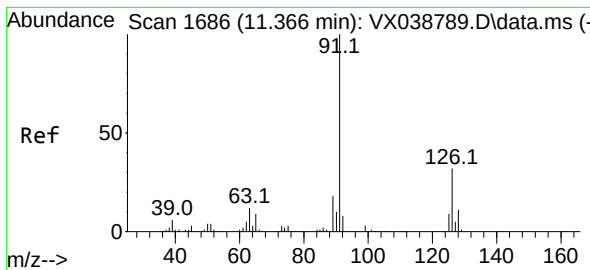
Tgt Ion: 91 Resp: 1919769

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4





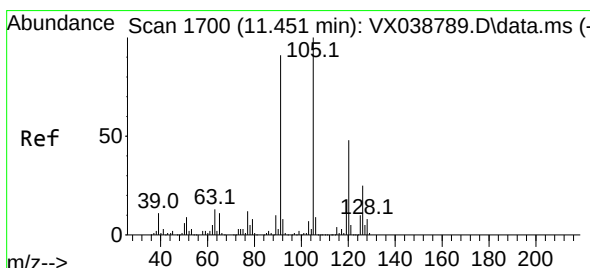
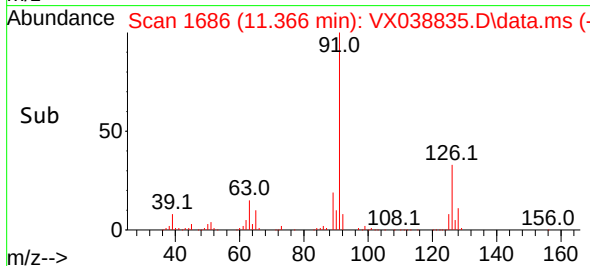
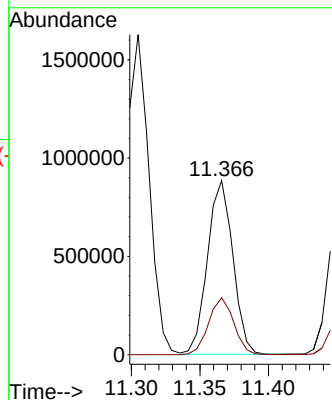
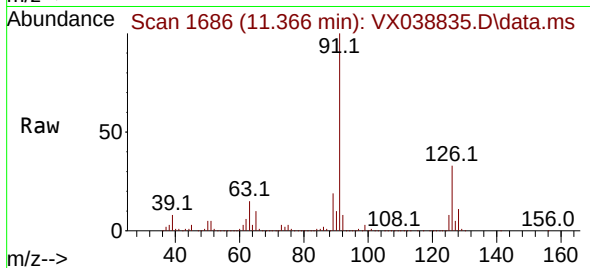
#79
2-Chlorotoluene
Concen: 137.164 ug/l
RT: 11.366 min Scan# 113764
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 113764
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

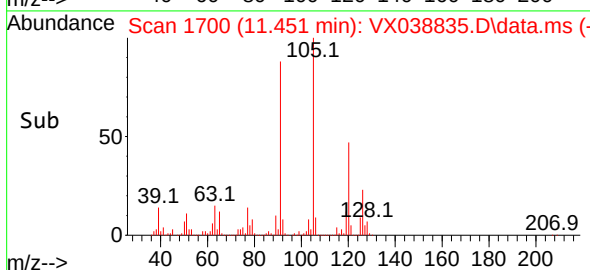
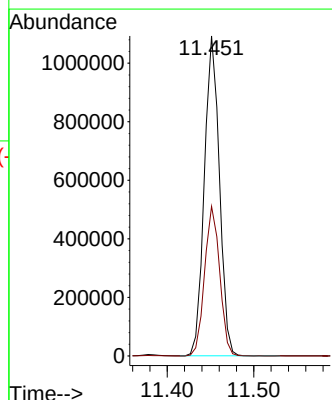
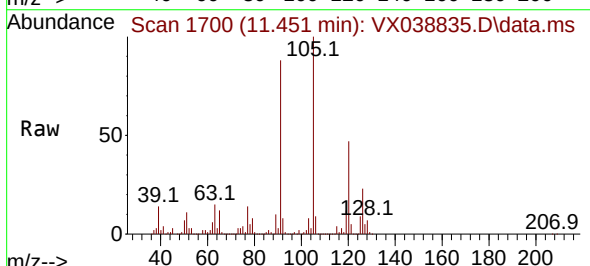
Manual Integrations
APPROVED

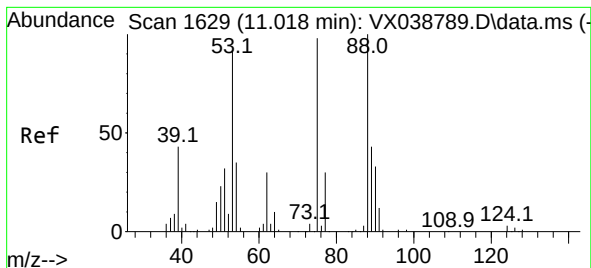
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 138.299 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Tgt Ion:105 Resp: 1320304
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3





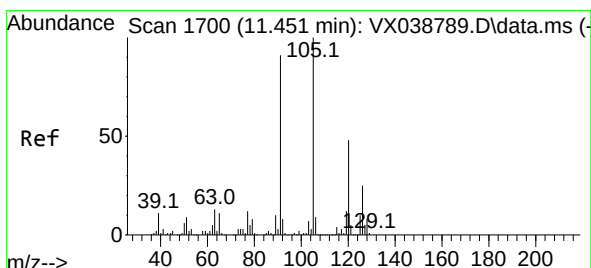
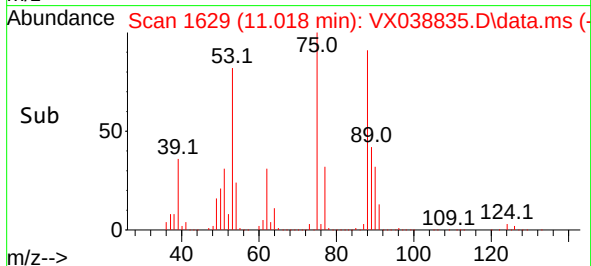
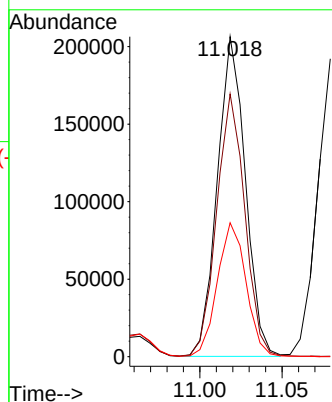
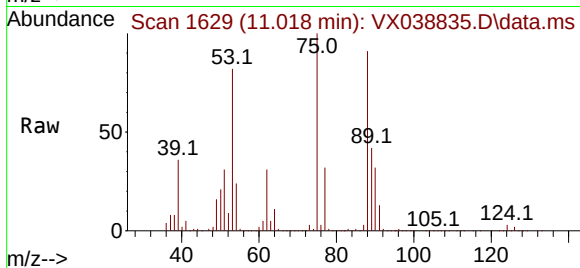
#81
trans-1,4-Dichloro-2-butene
Concen: 149.203 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 244569
Ion Ratio Lower Upper
75 100
53 82.1 90.5 135.7
89 43.1 36.9 55.3

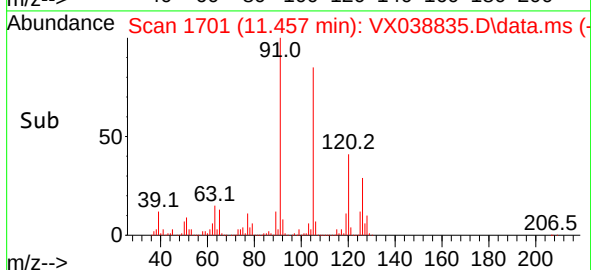
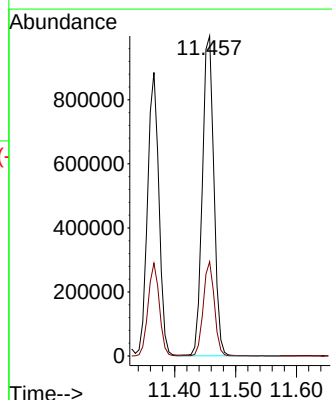
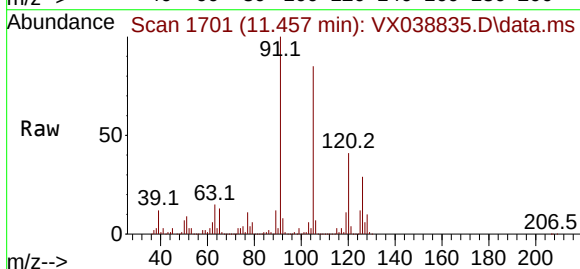
Manual Integrations
APPROVED

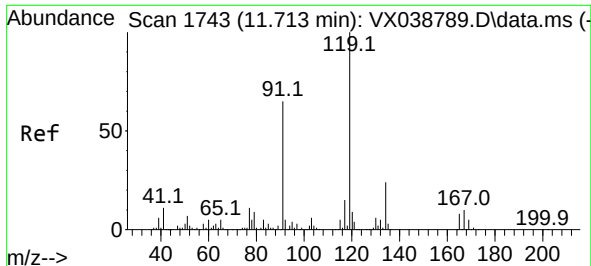
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#82
4-Chlorotoluene
Concen: 137.434 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

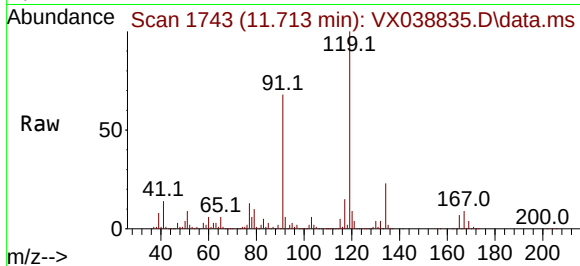
Tgt Ion: 91 Resp: 1314341
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 138.922 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

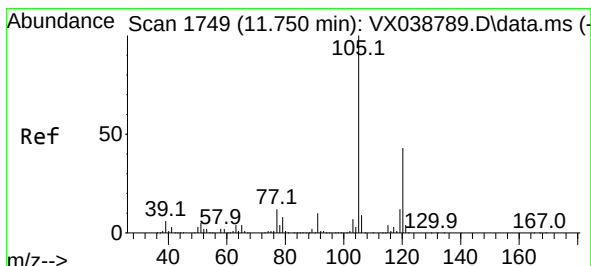
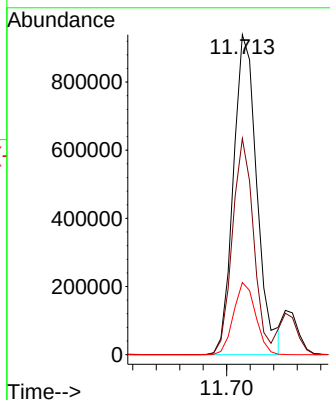
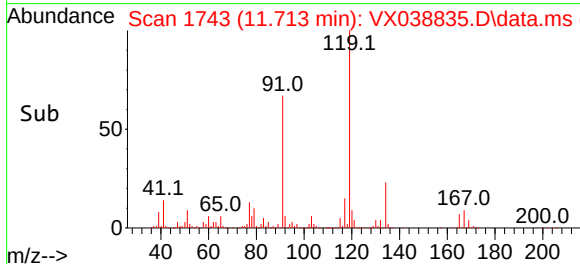
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



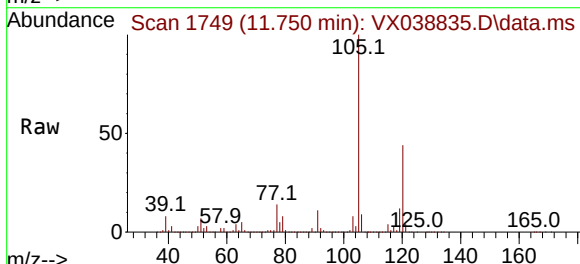
Tgt Ion:119 Resp: 130617
Ion Ratio Lower Upper
119 100
91 60.9 31.2 93.6
134 21.2 11.7 35.0

Manual Integrations
APPROVED

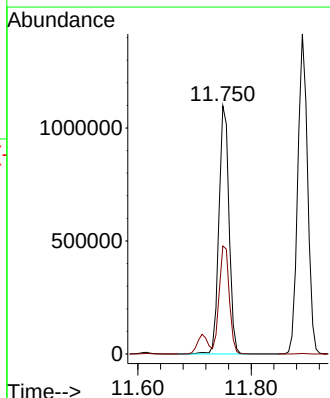
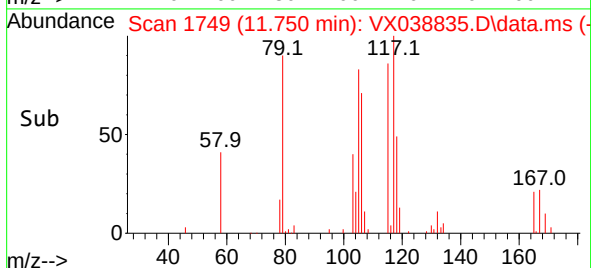
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

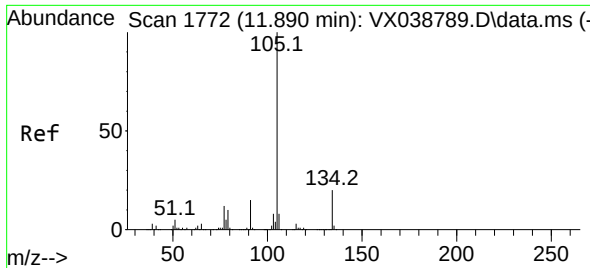


#84
1,2,4-Trimethylbenzene
Concen: 139.759 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06



Tgt Ion:105 Resp: 1350471
Ion Ratio Lower Upper
105 100
120 43.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 138.125 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038835.D
 Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

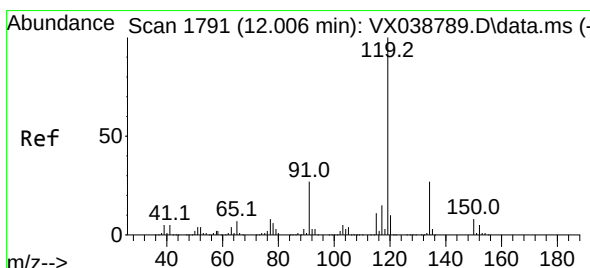
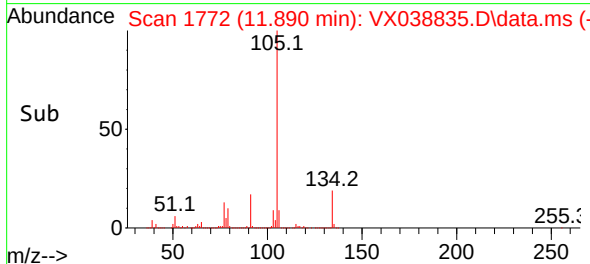
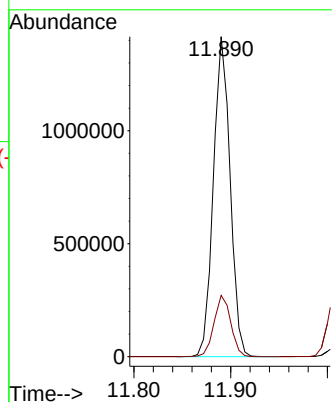
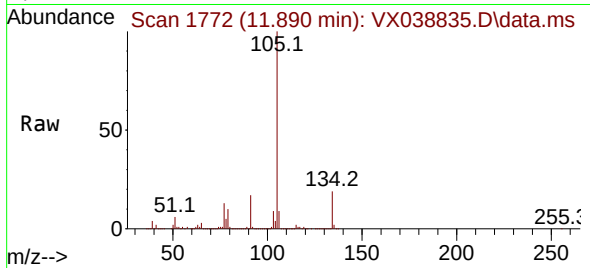
VSTDICC150

Tgt Ion:105 Resp: 1698730
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations

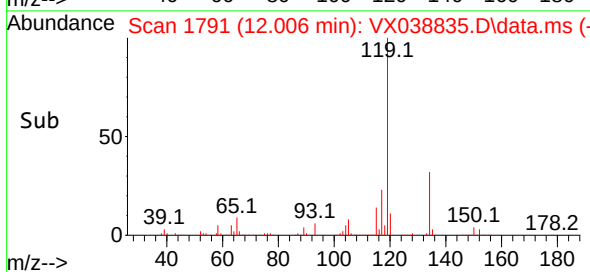
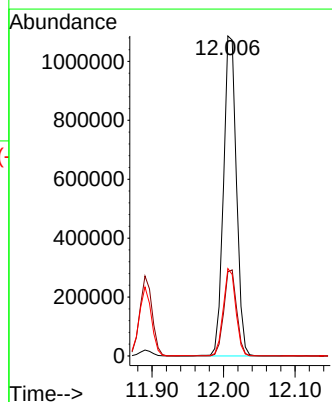
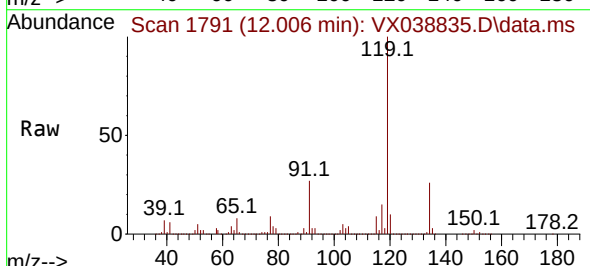
APPROVED

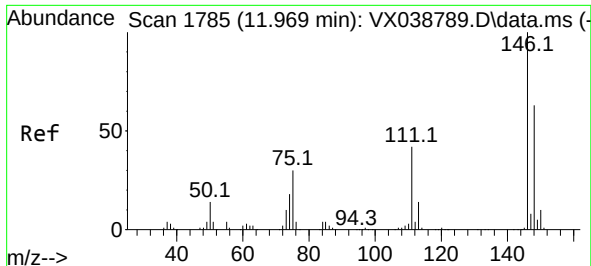
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#86
 p-Isopropyltoluene
 Concen: 138.314 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038835.D
 Acq: 16 Nov 2023 12:06

Tgt Ion:119 Resp: 1365519
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.3
 91 26.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 139.044 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 694652

Ion Ratio Lower Upper

146 100

111 44.8 22.1 66.1

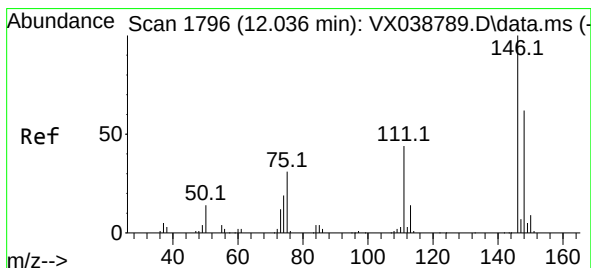
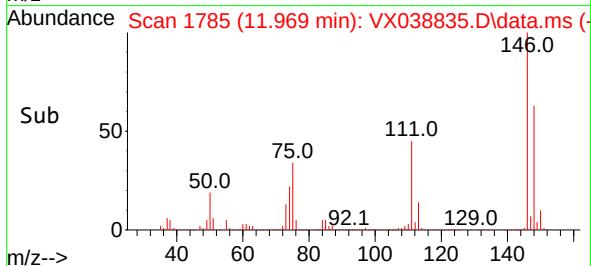
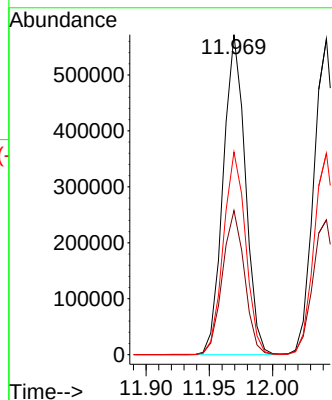
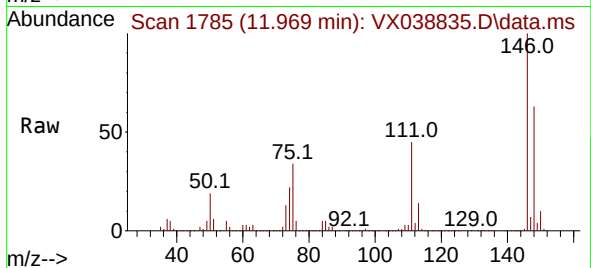
148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#88

1,4-Dichlorobenzene

Concen: 136.731 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

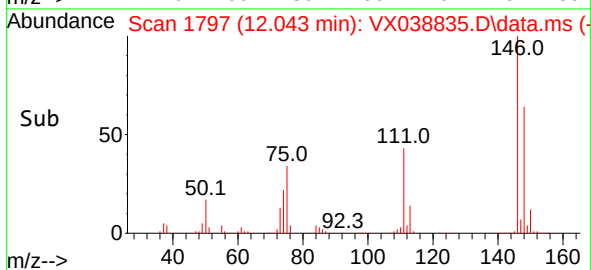
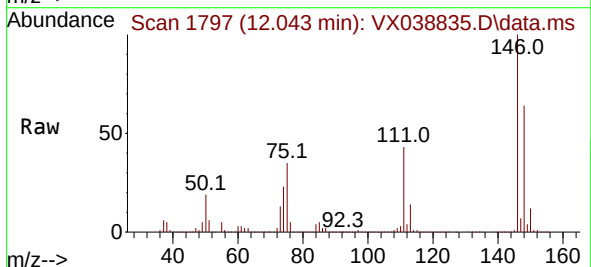
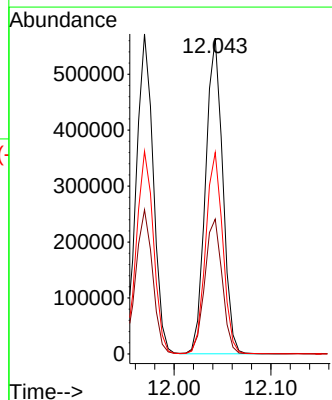
Tgt Ion:146 Resp: 699143

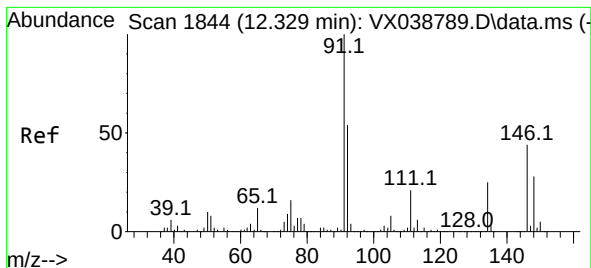
Ion Ratio Lower Upper

146 100

111 43.2 21.3 63.7

148 63.4 31.8 95.4





#89

n-Butylbenzene

Concen: 140.105 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 139556

Ion Ratio Lower Upper

91 100

92 53.7 27.4 82.0

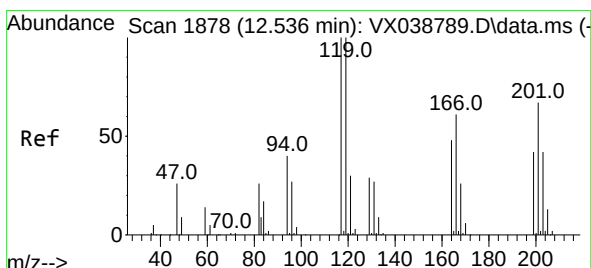
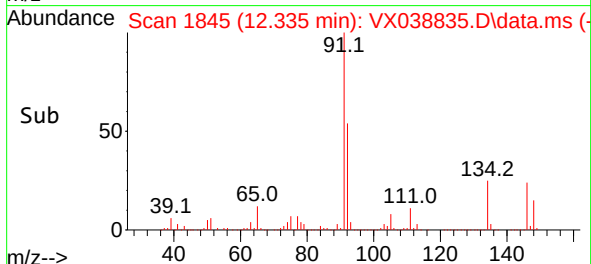
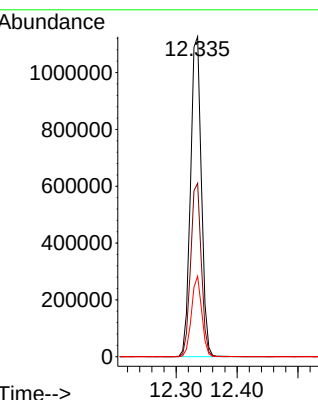
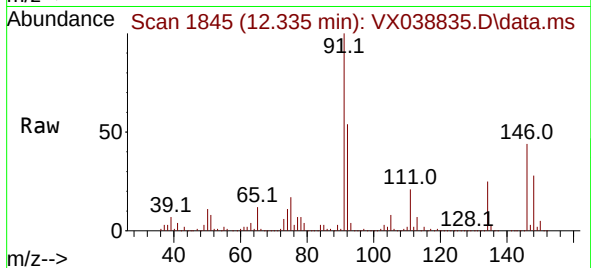
134 24.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#90

Hexachloroethane

Concen: 144.734 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038835.D

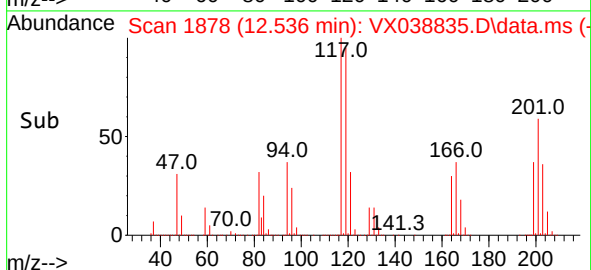
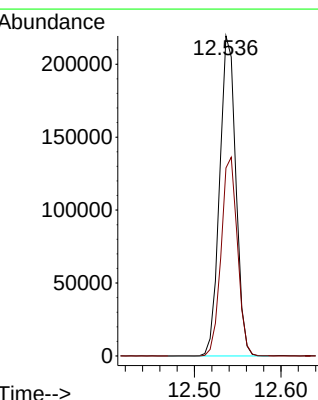
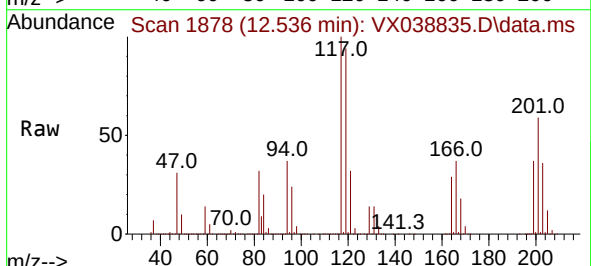
Acq: 16 Nov 2023 12:06

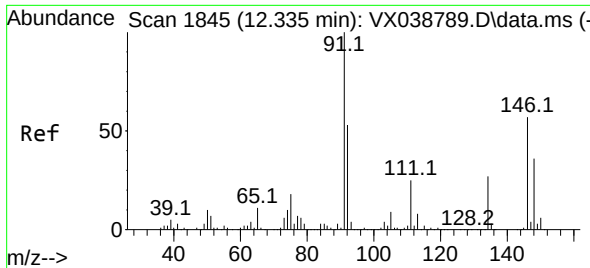
Tgt Ion:117 Resp: 285349

Ion Ratio Lower Upper

117 100

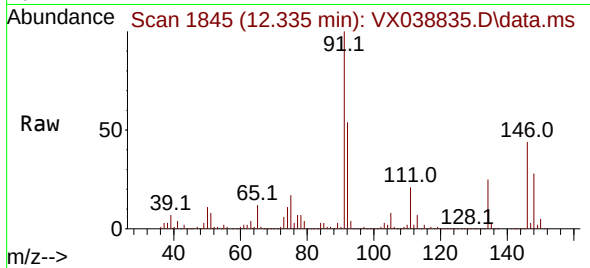
201 62.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 136.550 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06

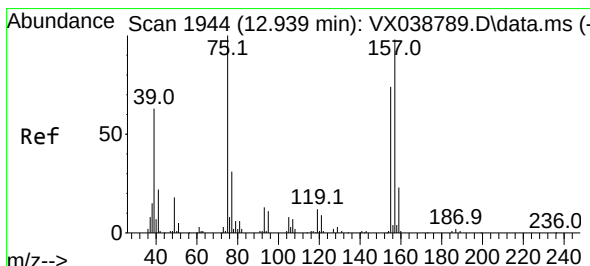
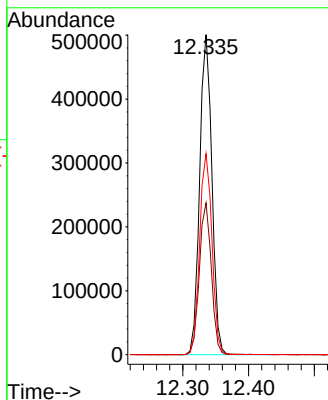
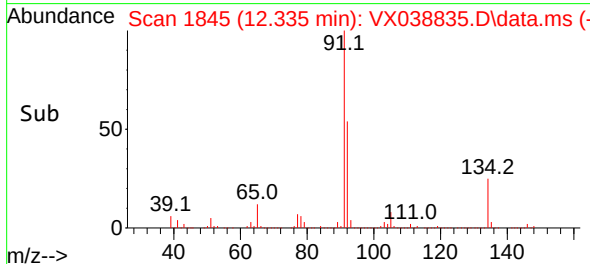
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



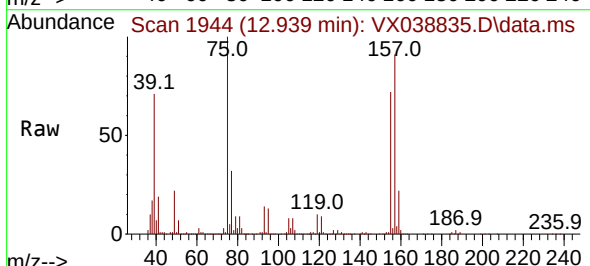
Tgt Ion:146 Resp: 64704
Ion Ratio Lower Upper
146 100
111 46.6 22.4 67.0
148 63.5 31.6 95.0

Manual Integrations
APPROVED

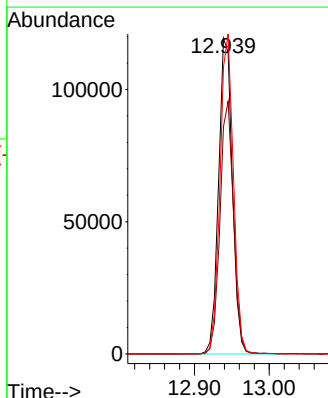
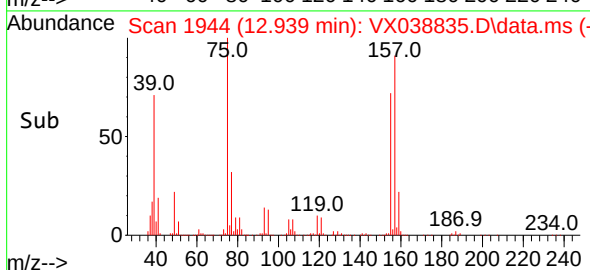
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

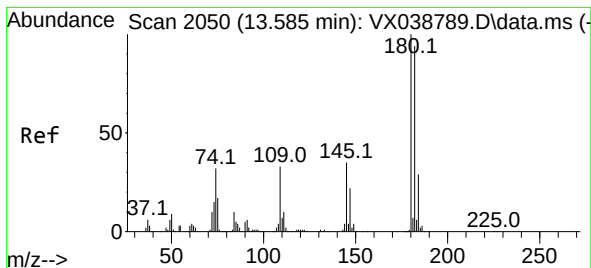


#92
1,2-Dibromo-3-Chloropropane
Concen: 141.081 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038835.D
Acq: 16 Nov 2023 12:06



Tgt Ion: 75 Resp: 153202
Ion Ratio Lower Upper
75 100
155 78.8 36.1 108.5
157 99.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 137.197 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 435640

Ion Ratio Lower Upper

180 100

182 94.6 48.3 144.8

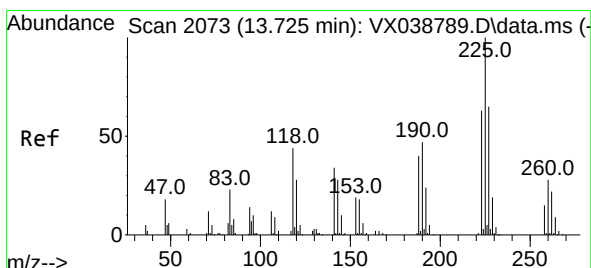
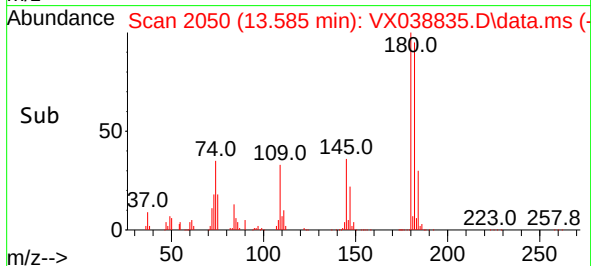
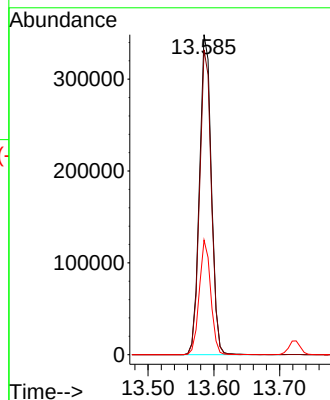
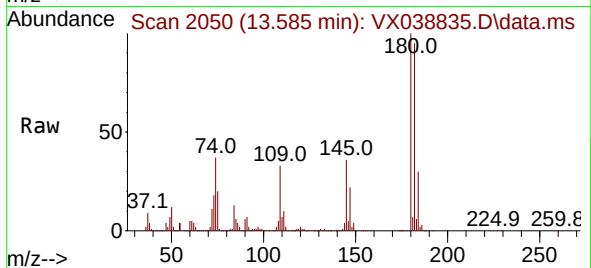
145 34.6 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#94

Hexachlorobutadiene

Concen: 138.140 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

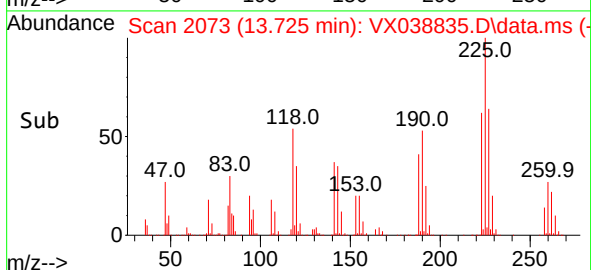
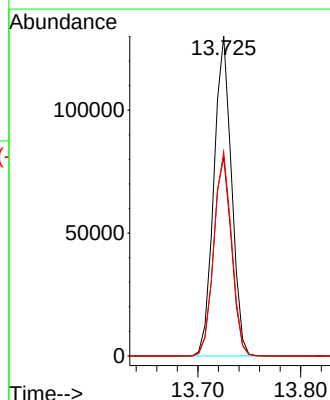
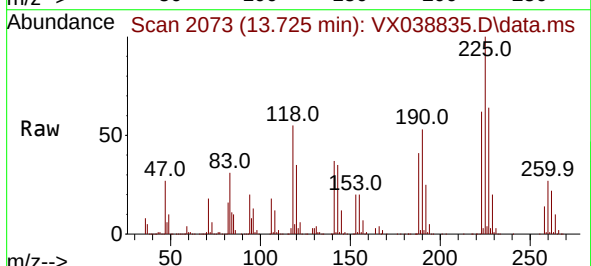
Tgt Ion:225 Resp: 155335

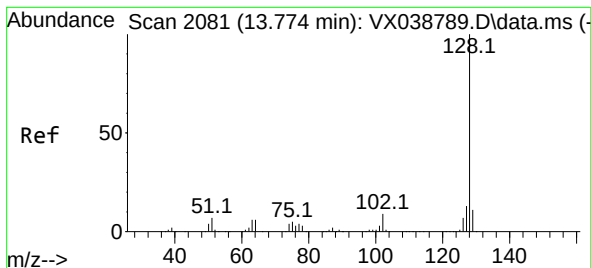
Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.2

227 63.9 32.5 97.5





#95

Naphthalene

Concen: 140.984 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 1667298

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

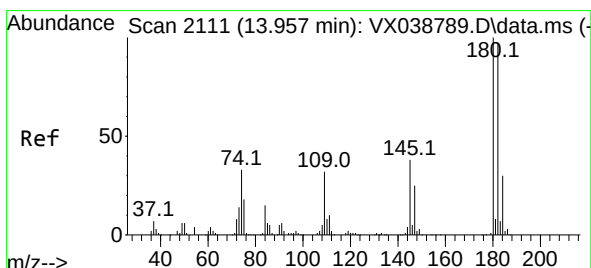
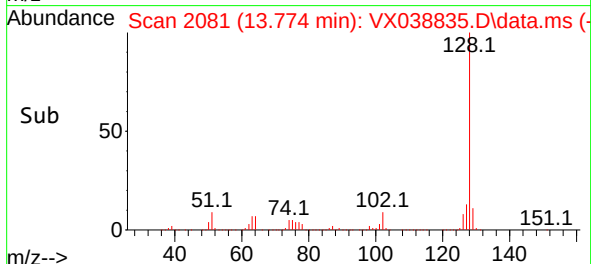
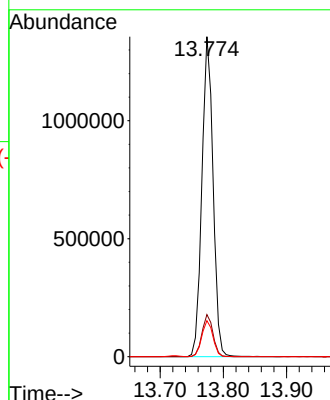
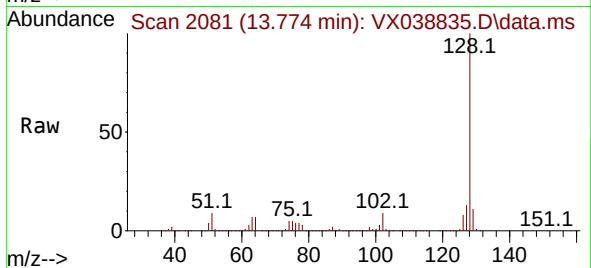
129 11.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 141.889 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX038835.D

Acq: 16 Nov 2023 12:06

Tgt Ion:180 Resp: 427097

Ion Ratio Lower Upper

180 100

182 94.9 46.9 140.6

145 36.6 17.8 53.5

