

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
 Data File : VX042863.D
 Acq On : 06 Aug 2024 11:41
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/07/2024
 Supervised By : Mahesh Dadoda 08/08/2024

Quant Time: Aug 07 04:28:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:19:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	37139m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	248779	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	236410	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	110281	32.268	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.567%			
60) 4-Bromofluorobenzene	11.079	95	120226	31.172	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.900%			
63) Toluene-d8	8.647	98	311839	29.202	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.333%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	330920	152.014	ug/l	99
3) Chloromethane	1.300	50	311452	155.885	ug/l	99
4) Vinyl Chloride	1.374	62	322247	151.067	ug/l	100
5) Bromomethane	1.599	94	190615	146.605	ug/l	99
6) Chloroethane	1.660	64	174144	137.229	ug/l	99
7) Trichlorofluoromethane	1.867	101	470469	138.273	ug/l	99
8) Diethyl Ether	2.136	74	206638	154.579	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	346515	149.403	ug/l	99
10) 1,1-Dichloroethene	2.306	96	336853	152.054	ug/l	97
11) Methyl Iodide	2.440	142	356213	174.825	ug/l	99
12) Methyl Acetate	2.715	43	785403	162.220	ug/l	100
13) Acrolein	2.245	56	97334m	708.105	ug/l	
14) Acrylonitrile	3.075	53	1178442	800.691	ug/l	97
15) Acetone	2.398	58	291844	611.124	ug/l	89
16) Carbon Disulfide	2.495	76	687595	149.147	ug/l	99
17) Allyl chloride	2.660	41	514465	143.489	ug/l	96
18) Methylene Chloride	2.782	84	399956	155.683	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	336549	149.178	ug/l	98
20) Diisopropyl ether	3.769	45	1204444	153.826	ug/l #	86
21) 1,1-Dichloroethane	3.605	63	670311	150.533	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	440225	155.520	ug/l	97
23) tert-Butyl Alcohol	3.007	59	521419m	768.174	ug/l	
24) Methyl tert-Butyl Ether	3.123	73	1268507	158.230	ug/l	100
25) Chloroform	5.099	83	740382	153.673	ug/l	96
26) Cyclohexane	5.464	56	521646	148.493	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	461060	143.811	ug/l	99
30) 2-Butanone	4.568	43	1643462	696.104	ug/l	99
31) 2,2-Dichloropropane	4.471	77	557257	148.753	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	658397	148.311	ug/l	98
33) Carbon Tetrachloride	5.672	117	565352	148.903	ug/l	98
34) Benzene	6.037	78	1483933	144.575	ug/l	98
35) Methacrylonitrile	4.934	41	342420	152.390	ug/l	97
36) 1,2-Dichloroethane	6.086	62	556272	146.849	ug/l	100
37) Trichloroethene	7.123	130	374484	144.116	ug/l	97
38) Methylcyclohexane	7.379	83	564511	142.077	ug/l	99
39) 1,2-Dichloropropane	7.427	63	384674	147.014	ug/l	94
40) Dibromomethane	7.580	93	289425	146.498	ug/l	98
41) Bromodichloromethane	7.824	83	588001	150.090	ug/l	99
42) Vinyl Acetate	3.727	43	4990734	722.767	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	578028	143.927	ug/l	98
44) Isopropyl Acetate	6.348	43	969039	152.023	ug/l	98
45) 1,4-Dioxane	7.665	88	211722	3263.290	ug/l	97
46) Methyl methacrylate	7.696	41	486195	153.486	ug/l	99
47) n-amyl Acetate	10.841	43	879100	161.220	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	592453	157.751	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	618638	152.104	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	399968	148.436	ug/l	97
51) Ethyl methacrylate	9.116	69	691315	156.799	ug/l	98
52) 1,3-Dichloropropane	9.311	76	644631	145.782	ug/l	99
53) Dibromochloromethane	9.525	129	484654	154.555	ug/l	100
54) 1,2-Dibromoethane	9.610	107	418490	149.336	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	1592153	781.982	ug/l	99
56) Bromoform	10.799	173	368156	163.783	ug/l	97
58) 4-Methyl-2-Pentanone	8.580	43	3236484	726.975	ug/l	98
59) 2-Hexanone	9.433	43	2527797	718.355	ug/l	98
61) Tetrachloroethene	9.275	164	320856	136.701	ug/l	97
62) Toluene	8.720	91	1623012	140.168	ug/l	100
64) Chlorobenzene	10.079	112	1065361	143.755	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	403344	149.926	ug/l	99
66) Ethyl Benzene	10.195	91	1855675	144.189	ug/l	95
67) m/p-Xylenes	10.299	106	1404590	288.665	ug/l	99
68) o-Xylene	10.640	106	705357	147.053	ug/l	98
69) Styrene	10.652	104	1226789	148.531	ug/l	99
70) Isopropylbenzene	10.963	105	1833208	145.213	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	684362	150.306	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	544522m	146.408	ug/l	
73) Bromobenzene	11.195	156	472734	147.374	ug/l	99
74) n-propylbenzene	11.305	91	2154740	145.906	ug/l	100
75) 2-Chlorotoluene	11.366	91	1319421	146.379	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	1576728	147.358	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	223623	169.110	ug/l	97
78) 4-Chlorotoluene	11.457	91	1523277	147.354	ug/l	100
79) tert-butylbenzene	11.713	119	1648318	150.132	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	1594320	151.031	ug/l	100
81) sec-Butylbenzene	11.890	105	1999695	148.605	ug/l	100
82) p-Isopropyltoluene	12.006	119	1688176	149.809	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	882841	149.532	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	883021	148.762	ug/l	98
85) n-Butylbenzene	12.329	91	1553623	152.964	ug/l	100
86) Hexachloroethane	12.536	117	319528	157.109	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	902294	153.412	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	168237	163.560	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	602928	157.568	ug/l	97
90) Hexachlorobutadiene	13.725	225	250827	151.687	ug/l	97
91) Naphthalene	13.774	128	2100853	163.095	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	605211	156.620	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

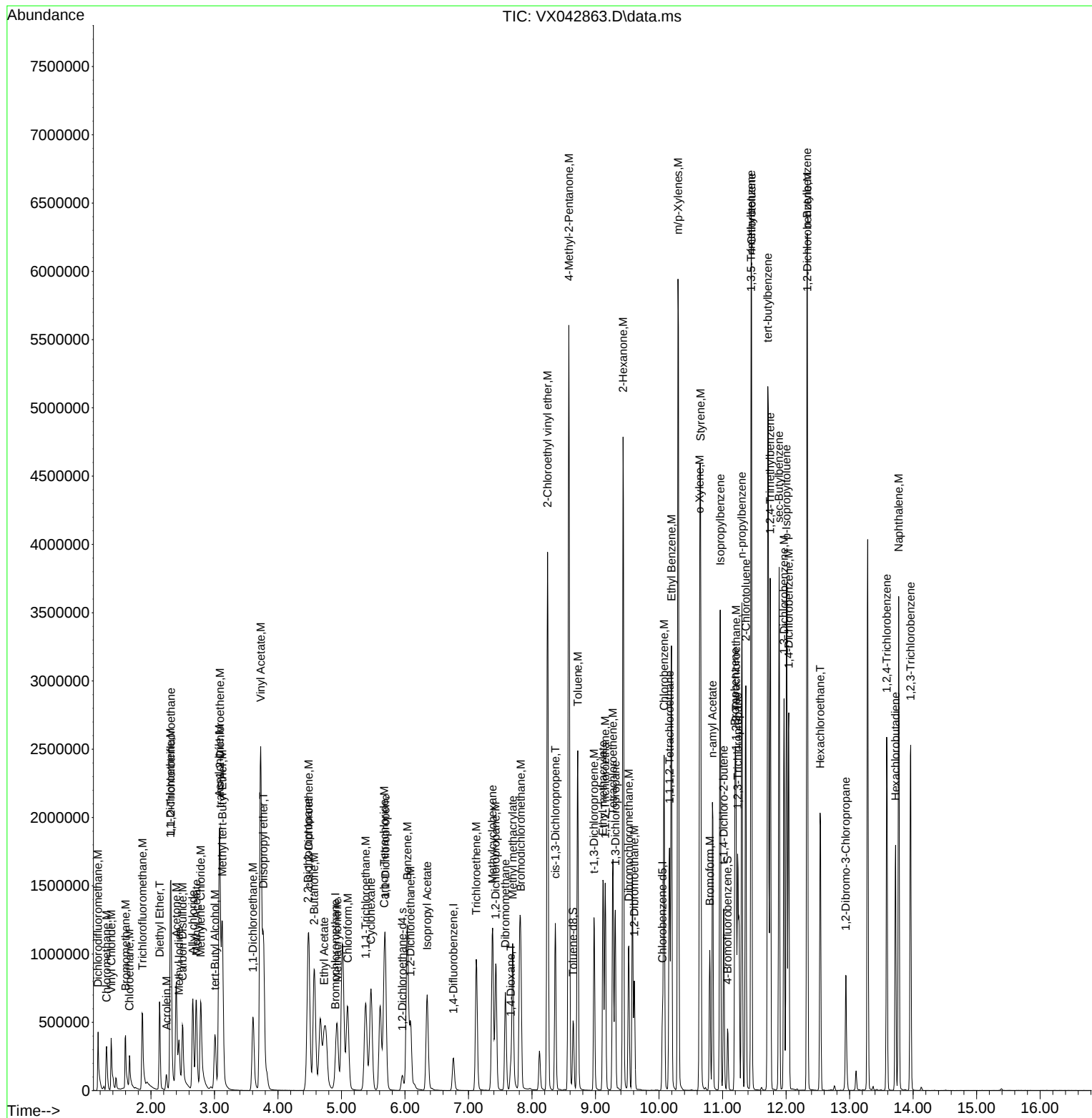
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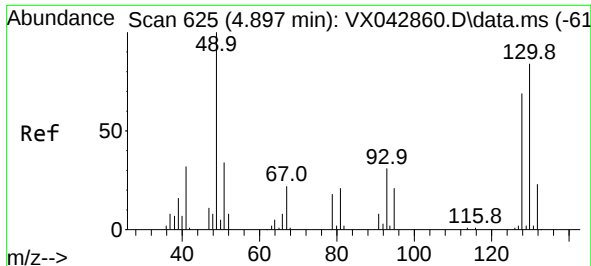
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Manual Integrations
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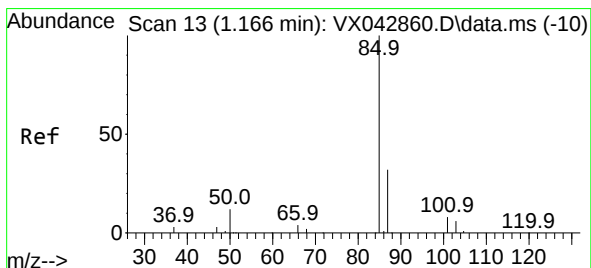
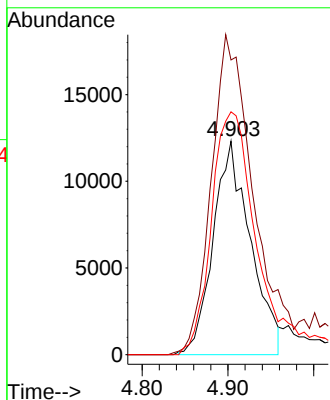
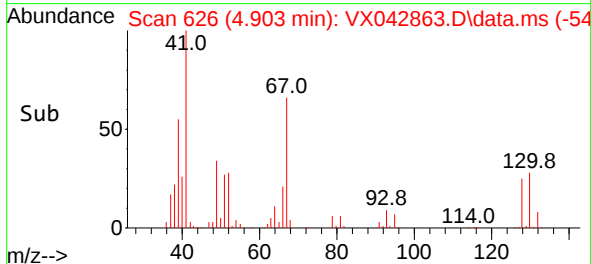
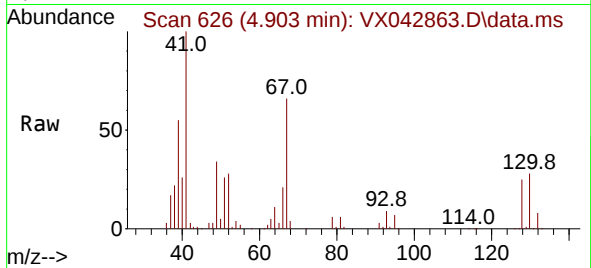
#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 37139
Ion Ratio Lower Upper
128 100
49 169.9 0.0 400.5
130 128.2 0.0 333.0

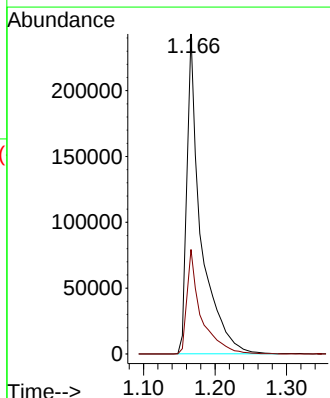
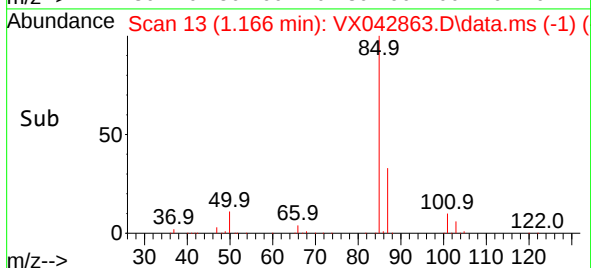
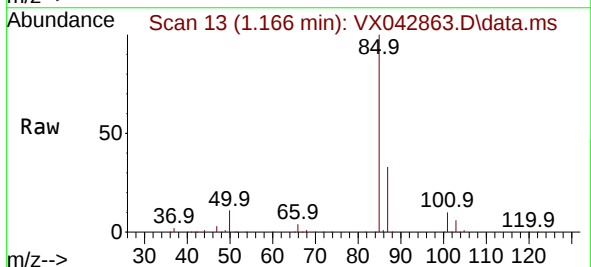
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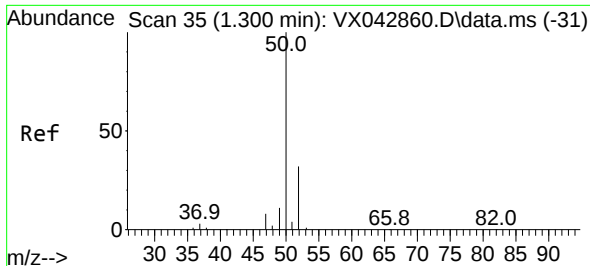
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#2
Dichlorodifluoromethane
Concen: 152.014 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 85 Resp: 330920
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0





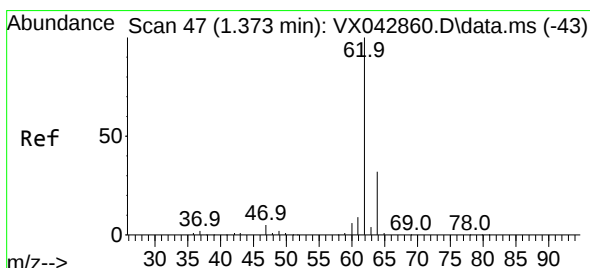
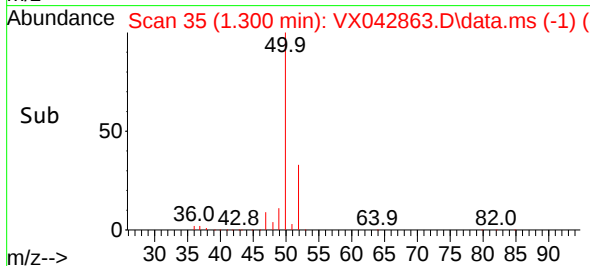
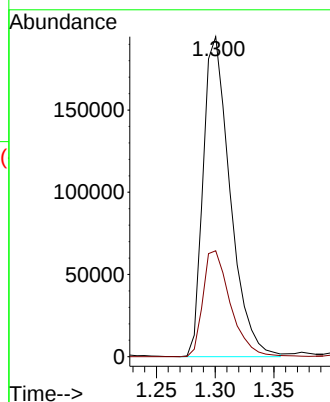
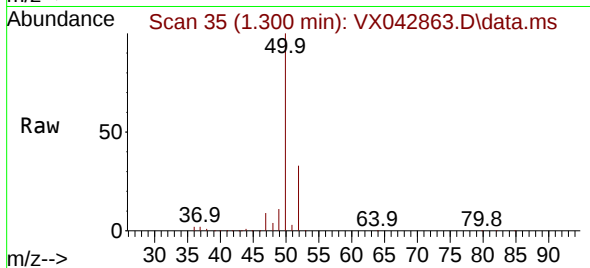
#3
Chloromethane
Concen: 155.885 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :
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ClientSampleId :
VSTDIC150

Tgt Ion: 50 Resp: 311452
Ion Ratio Lower Upper
50 100
52 33.1 26.0 39.0

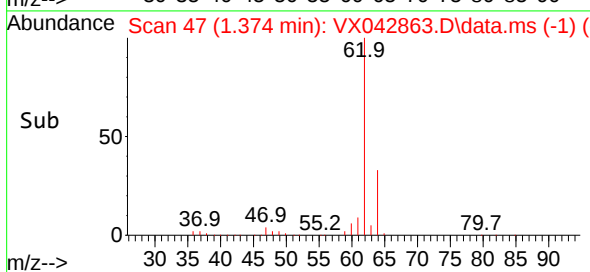
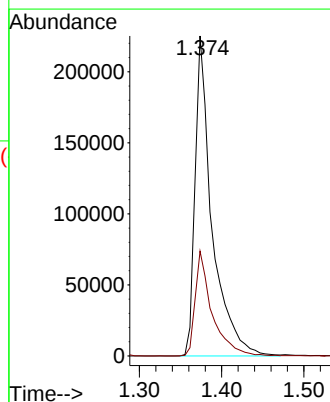
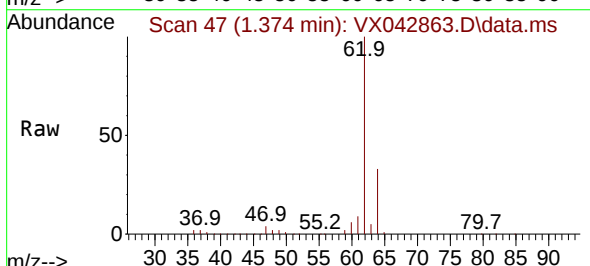
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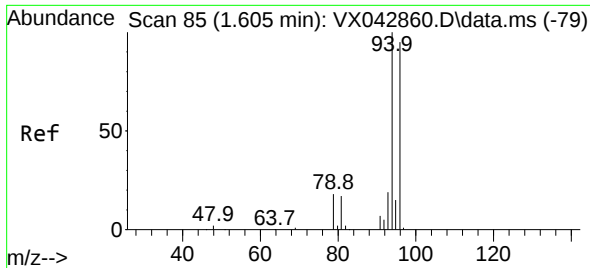
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#4
Vinyl Chloride
Concen: 151.067 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

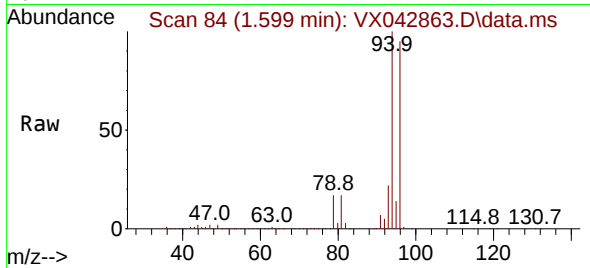
Tgt Ion: 62 Resp: 322247
Ion Ratio Lower Upper
62 100
64 32.7 26.3 39.5





#5
Bromomethane
Concen: 146.605 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

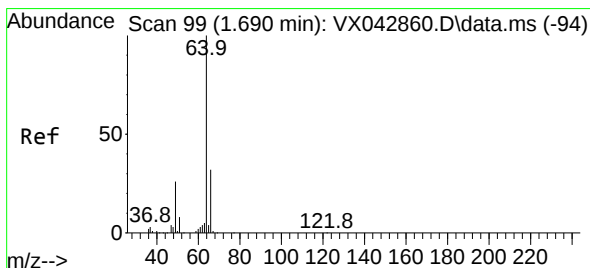
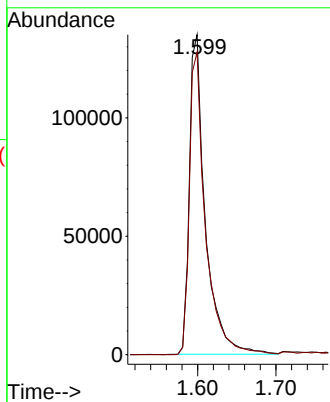
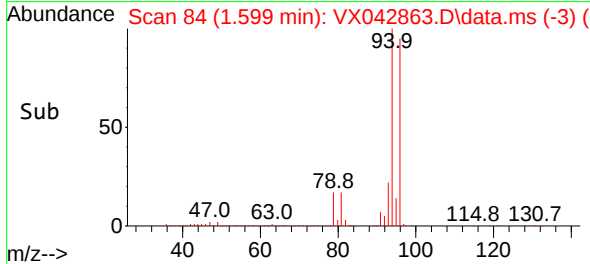
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 190615
Ion Ratio Lower Upper
94 100
96 94.6 76.2 114.4

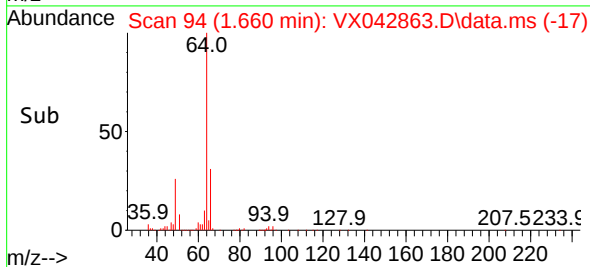
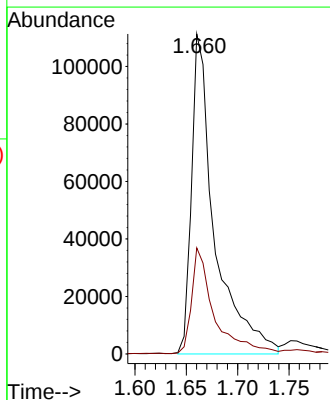
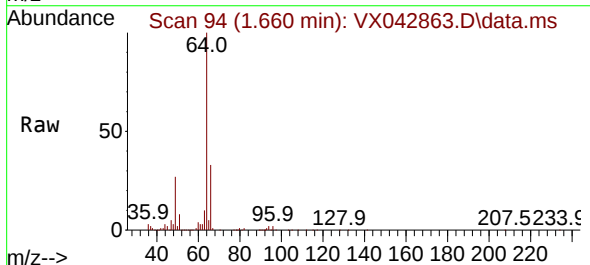
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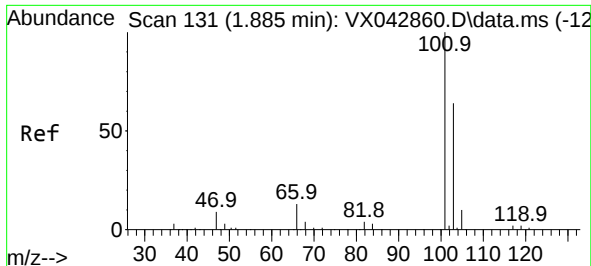
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#6
Chloroethane
Concen: 137.229 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.030 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

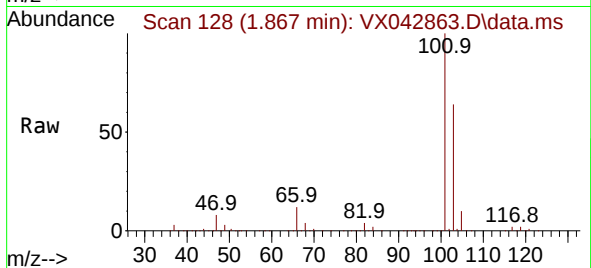
Tgt Ion: 64 Resp: 174144
Ion Ratio Lower Upper
64 100
66 33.0 25.9 38.9





#7
Trichlorofluoromethane
Concen: 138.273 ug/l
RT: 1.867 min Scan# 101
Delta R.T. -0.018 min
Lab File: VX042863.D
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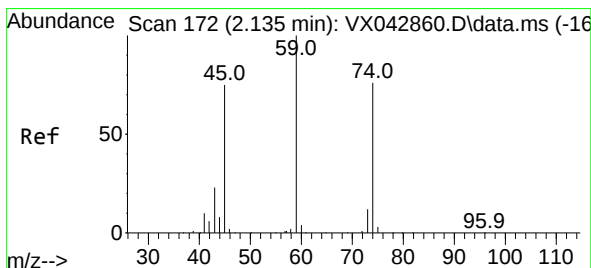
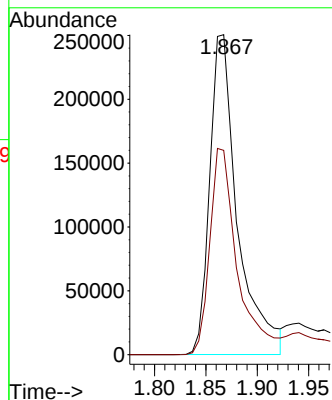
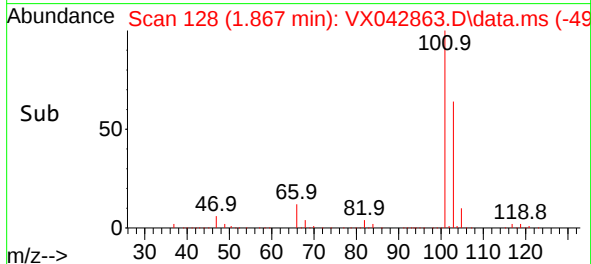
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 470469
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3

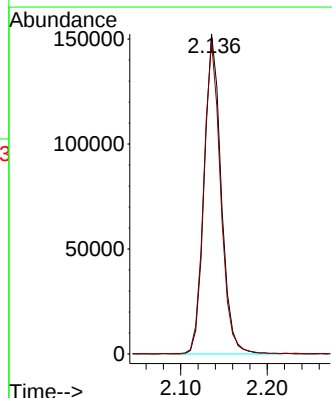
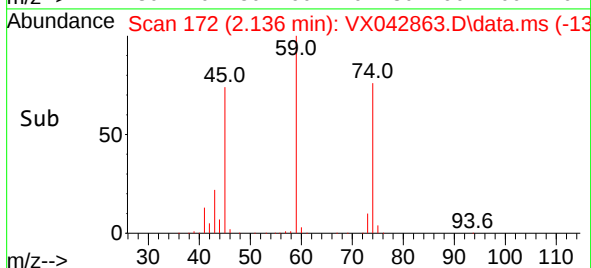
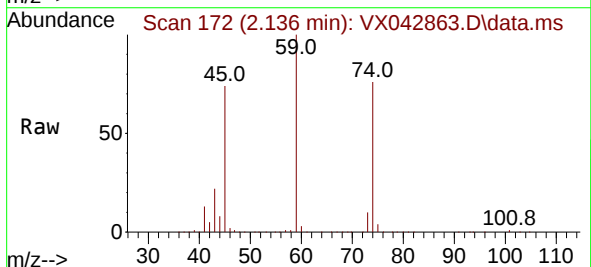
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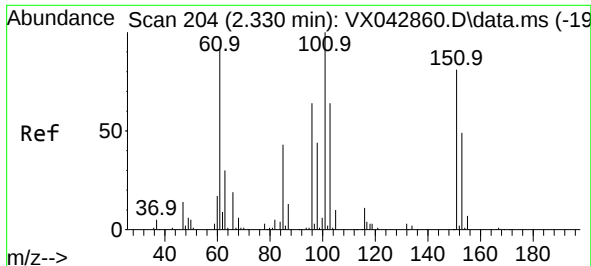
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#8
Diethyl Ether
Concen: 154.579 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX042863.D
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Tgt Ion: 74 Resp: 206638
Ion Ratio Lower Upper
74 100
45 97.6 20.3 182.3





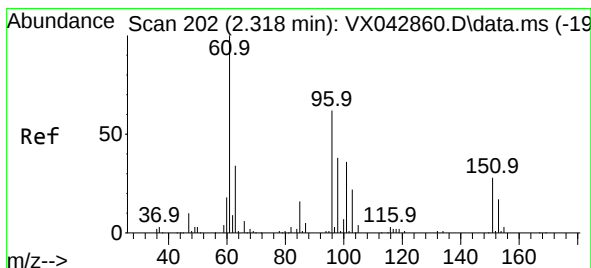
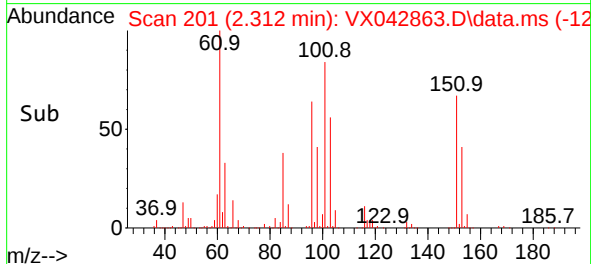
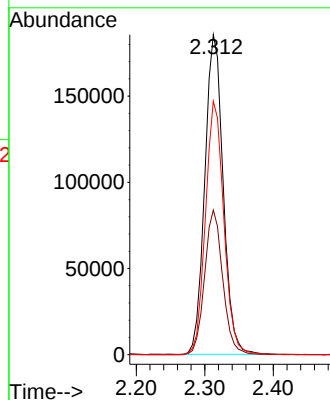
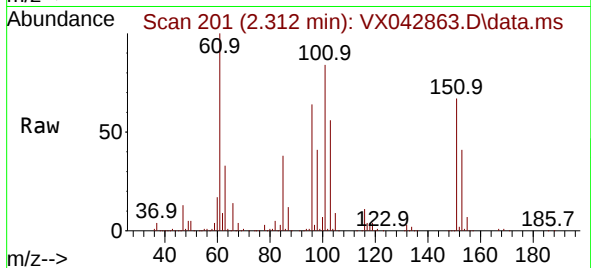
#9
1,1,2-Trichlorotrifluoroethane
Concen: 149.403 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.018 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 34651
Ion Ratio Lower Upper
101 100
85 44.7 0.0 88.6
151 79.5 0.0 157.6

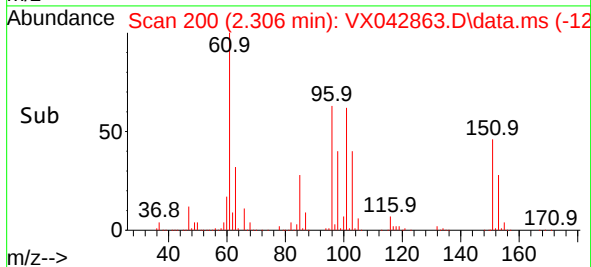
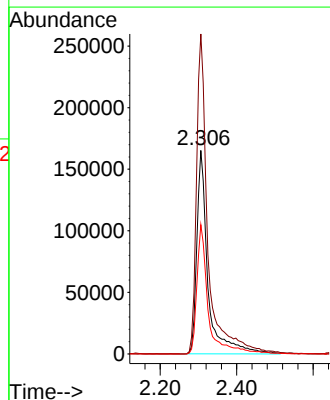
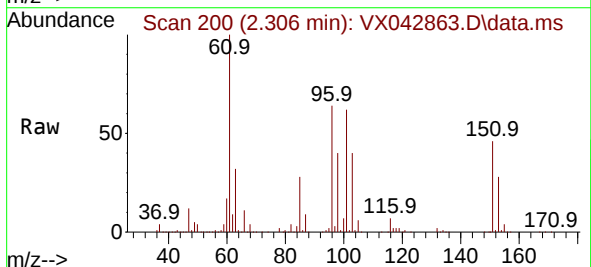
Manual Integrations
APPROVED

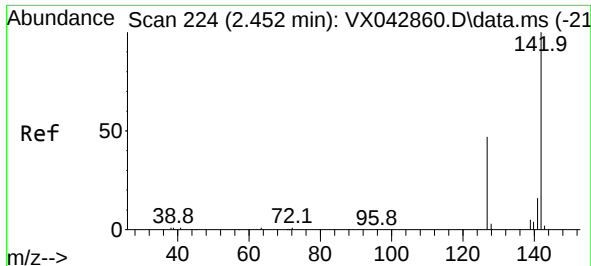
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#10
1,1-Dichloroethene
Concen: 152.054 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 96 Resp: 336853
Ion Ratio Lower Upper
96 100
61 157.3 129.2 193.8
98 63.5 48.6 72.8





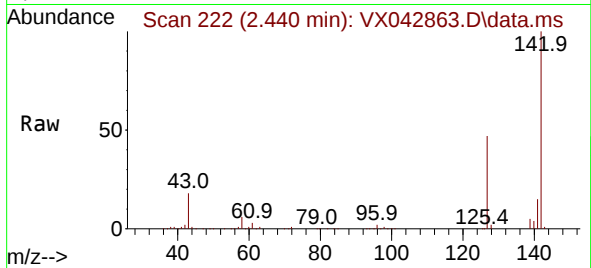
#11
Methyl Iodide
Concen: 174.825 ug/l
RT: 2.440 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



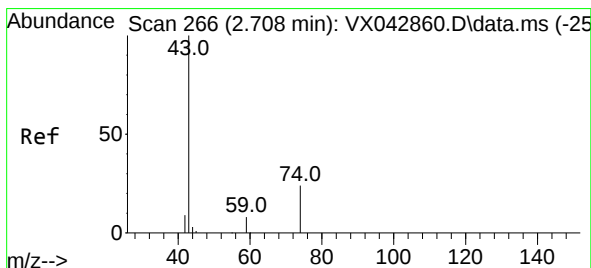
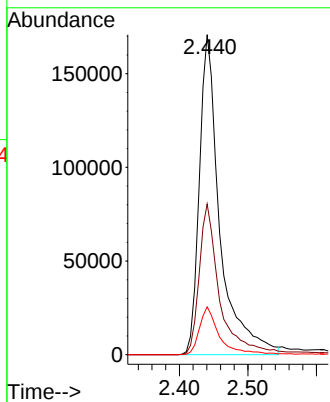
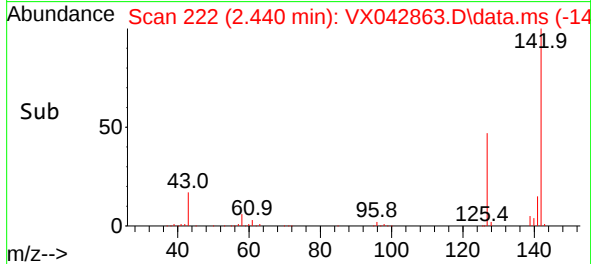
Tgt Ion:142 Resp: 35621
Ion Ratio Lower Upper
142 100
127 47.1 23.6 71.0
141 15.0 8.0 23.8

Manual Integrations

APPROVED

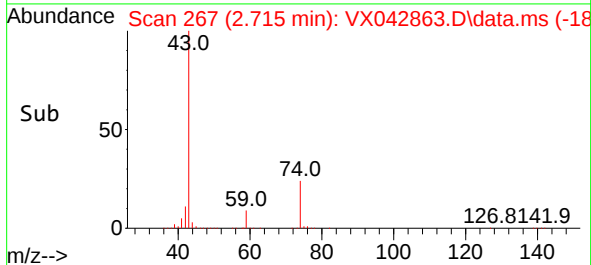
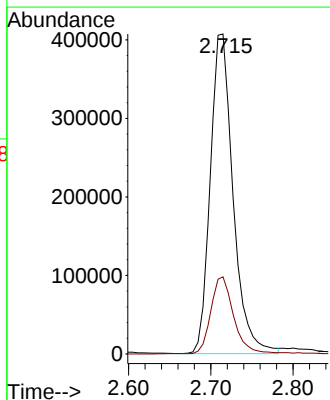
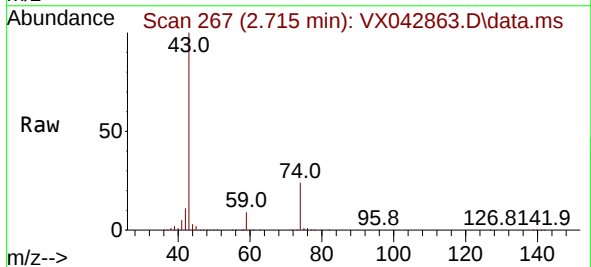
Reviewed By :John Carlone 08/07/2024

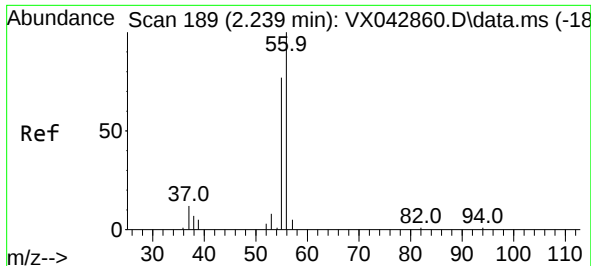
Supervised By :Mahesh Dadoda 08/08/2024



#12
Methyl Acetate
Concen: 162.220 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

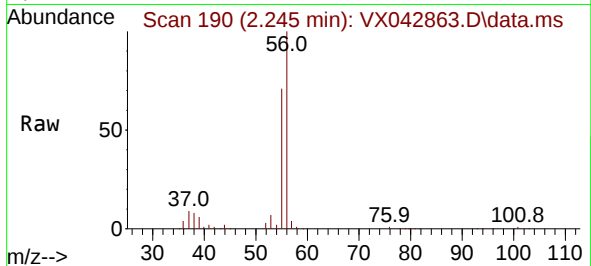
Tgt Ion: 43 Resp: 785403
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2





#13
Acrolein
Concen: 708.105 ug/l m
RT: 2.245 min Scan# 19
Delta R.T. 0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

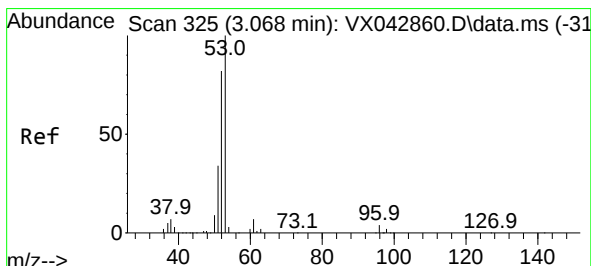
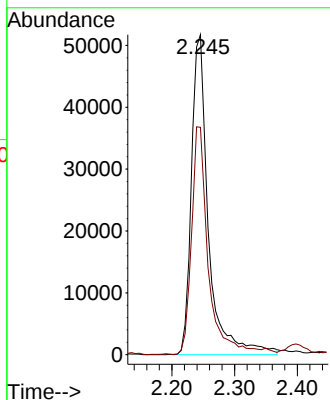
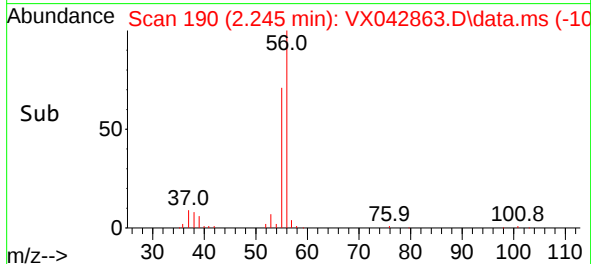
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 97334
Ion Ratio Lower Upper
56 100
55 69.1 60.6 90.8

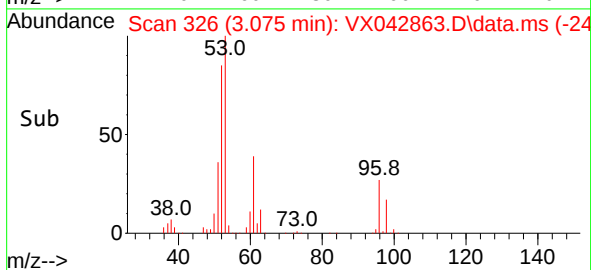
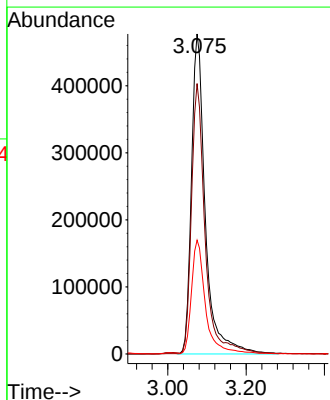
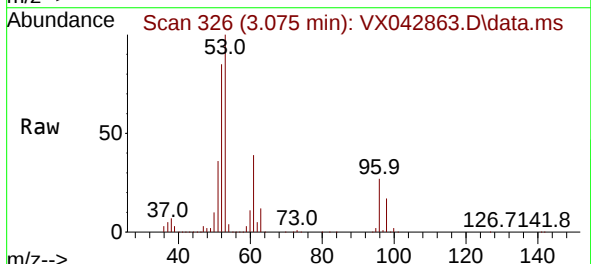
Manual Integrations
APPROVED

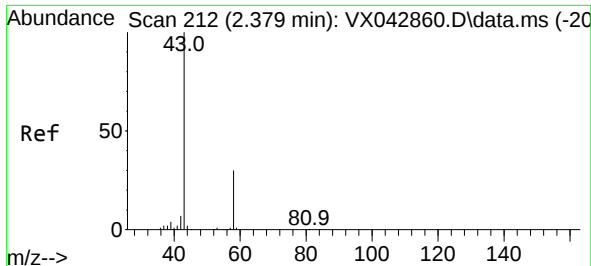
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#14
Acrylonitrile
Concen: 800.691 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 53 Resp: 1178442
Ion Ratio Lower Upper
53 100
52 78.6 41.2 123.6
51 35.4 17.9 53.8





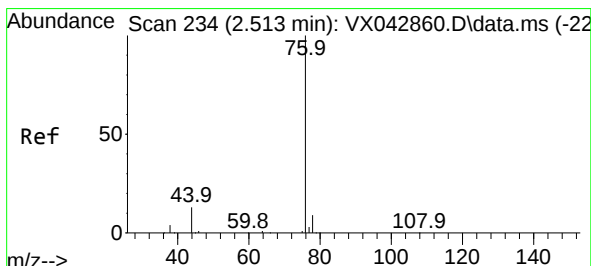
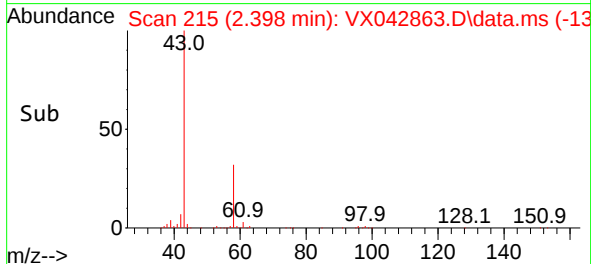
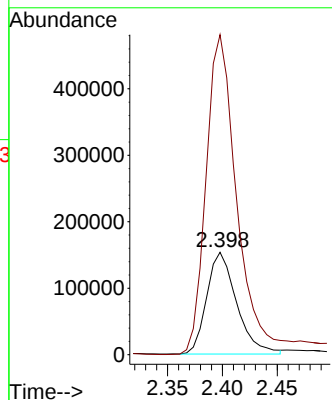
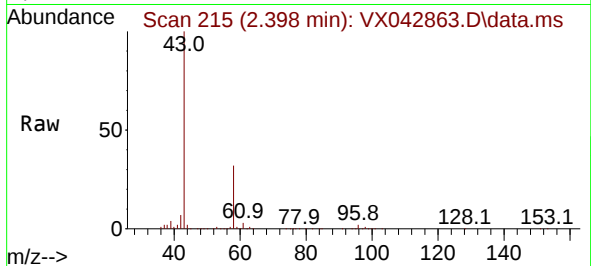
#15
Acetone
Concen: 611.124 ug/l
RT: 2.398 min Scan# 212
Delta R.T. 0.019 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 58 Resp: 291844
Ion Ratio Lower Upper
58 100
43 313.8 269.9 404.9

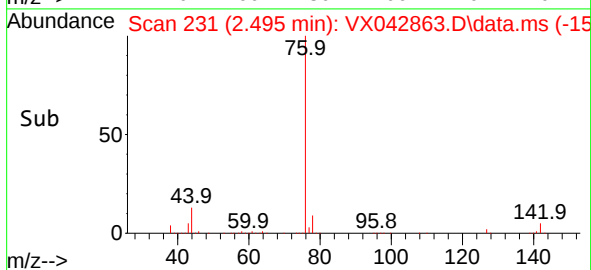
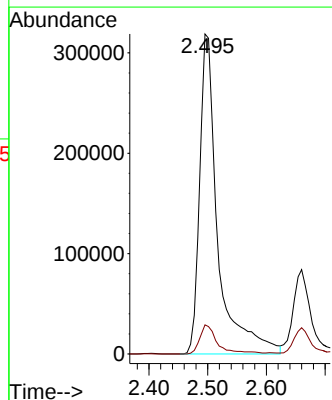
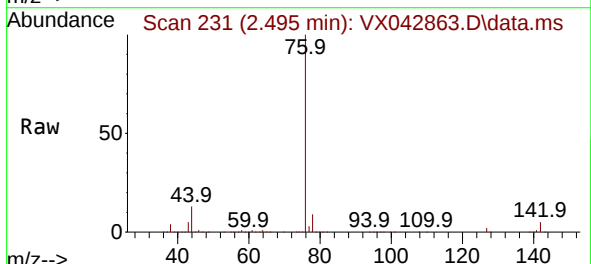
Manual Integrations
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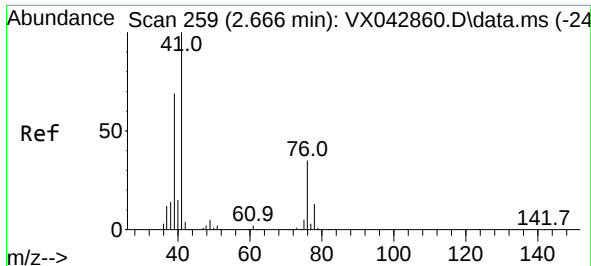
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#16
Carbon Disulfide
Concen: 149.147 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.018 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 76 Resp: 687595
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#17
 Allyl chloride
 Concen: 143.489 ug/l
 RT: 2.660 min Scan# 259
 Delta R.T. -0.006 min
 Lab File: VX042863.D
 Acq: 06 Aug 2024 11:41

Instrument :

MSVOA_X

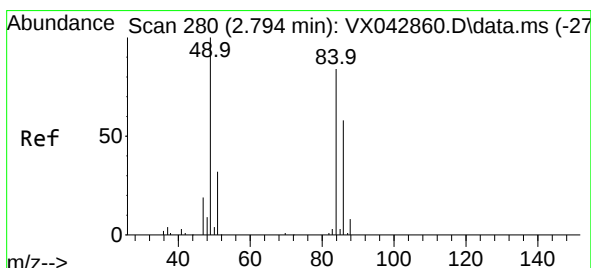
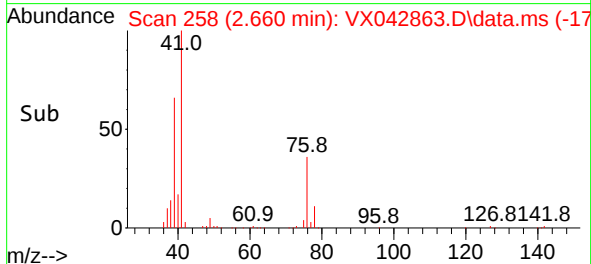
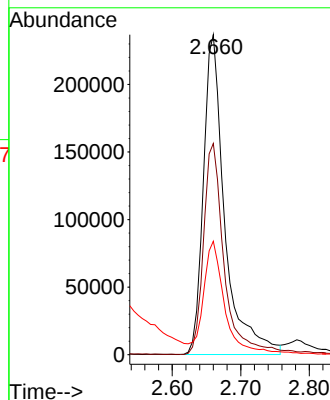
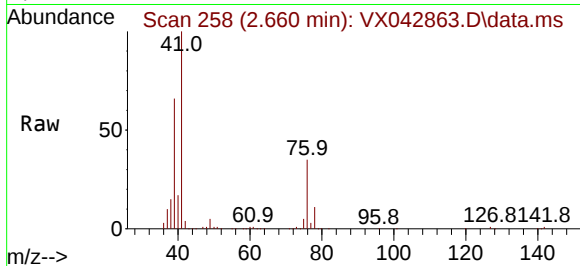
ClientSampleId :

VSTDICC150

Tgt Ion: 41 Resp: 51446
 Ion Ratio Lower Upper
 41 100
 39 65.9 34.6 103.9
 76 34.6 18.4 55.4

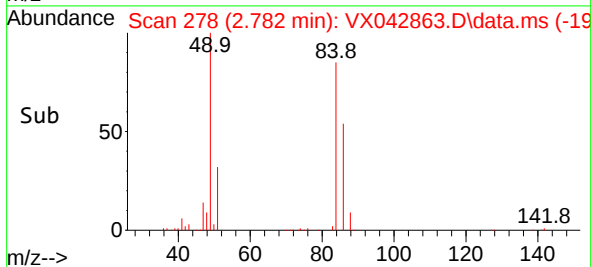
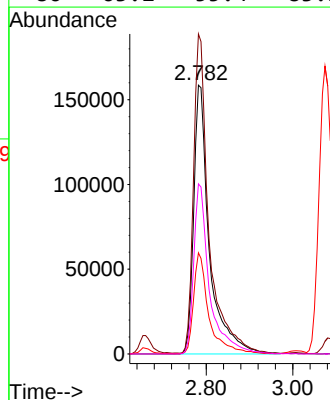
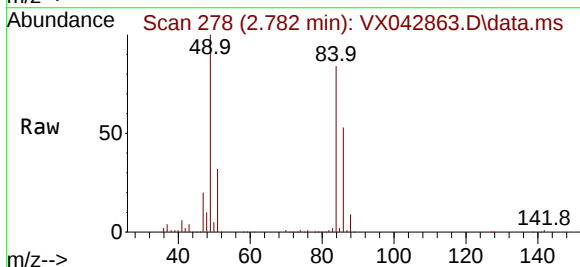
Manual Integrations
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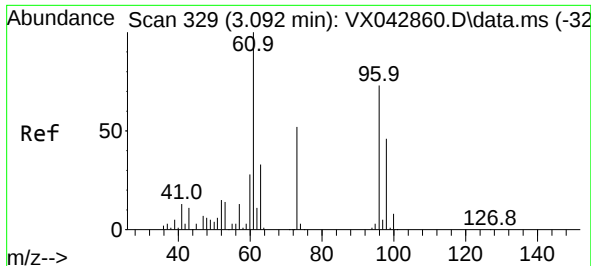
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024



#18
 Methylene Chloride
 Concen: 155.683 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.012 min
 Lab File: VX042863.D
 Acq: 06 Aug 2024 11:41

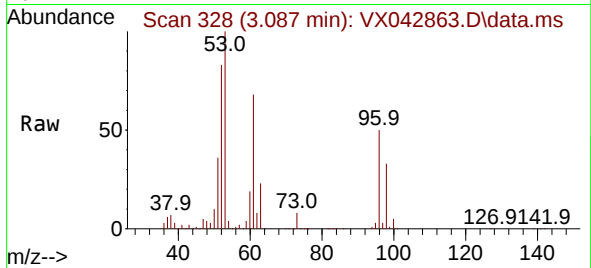
Tgt Ion: 84 Resp: 399956
 Ion Ratio Lower Upper
 84 100
 49 118.8 95.0 142.6
 51 37.6 30.1 45.1
 86 63.2 55.4 83.2





#19
trans-1,2-Dichloroethene
Concen: 149.178 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

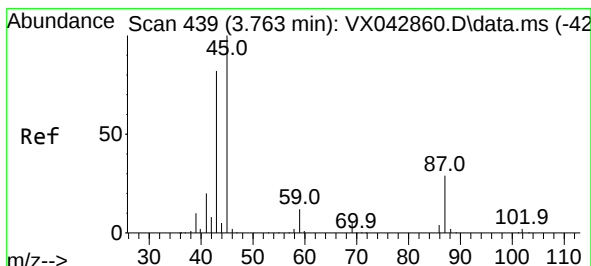
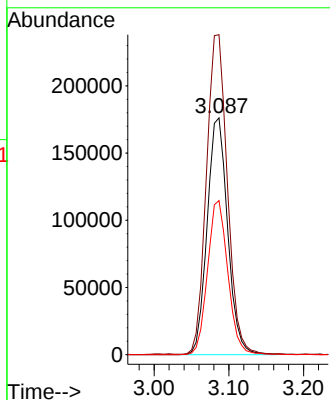
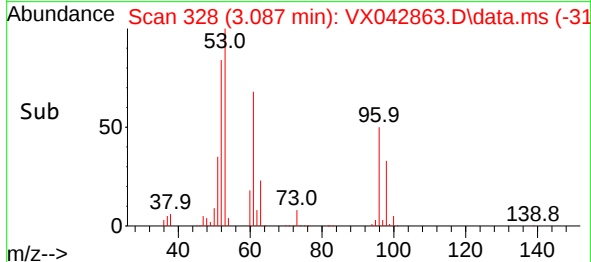
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



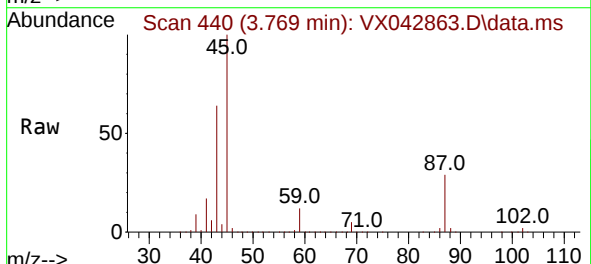
Tgt Ion: 96 Resp: 336549
Ion Ratio Lower Upper
96 100
61 134.9 109.6 164.4
98 65.1 50.4 75.6

Manual Integrations
APPROVED

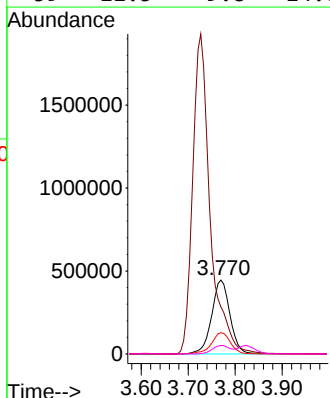
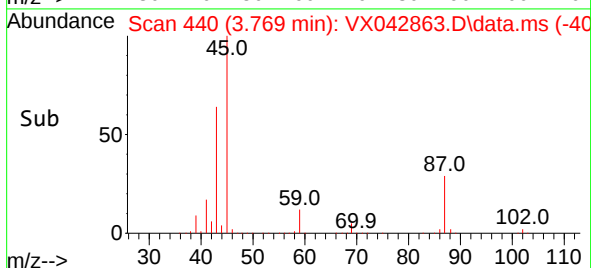
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

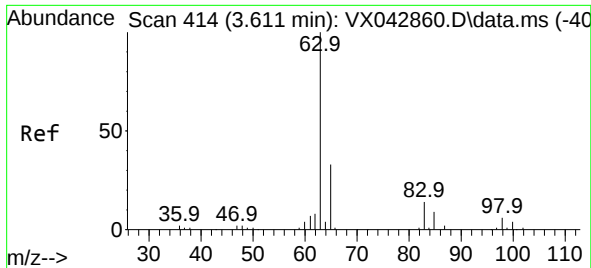


#20
Diisopropyl ether
Concen: 153.826 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41



Tgt Ion: 45 Resp: 1204444
Ion Ratio Lower Upper
45 100
43 62.9 65.4 98.2#
87 28.8 23.0 34.6
59 11.5 9.8 14.6





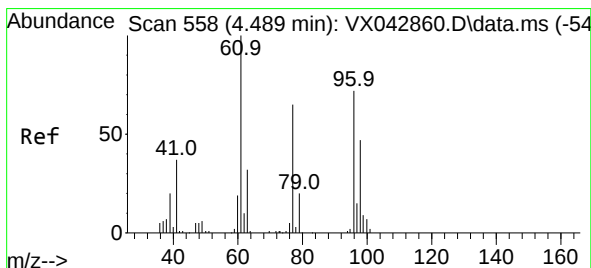
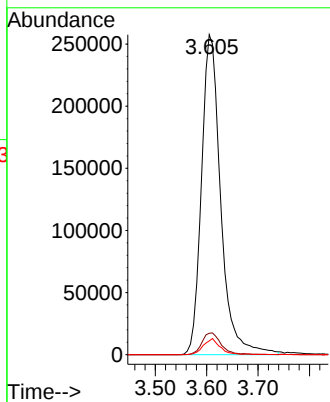
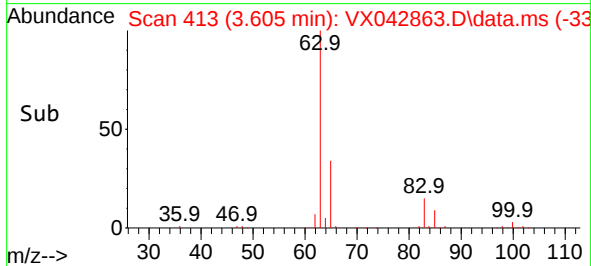
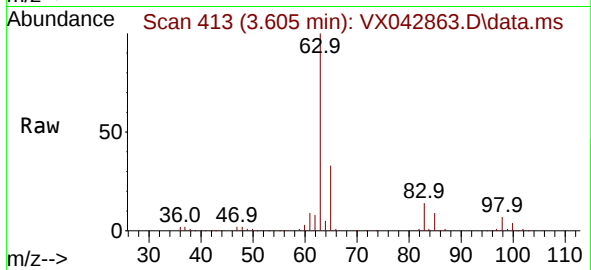
#21
1,1-Dichloroethane
Concen: 150.533 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 67031
Ion Ratio Lower Upper
63 100
98 6.7 2.9 8.8
100 4.3 2.1 6.3

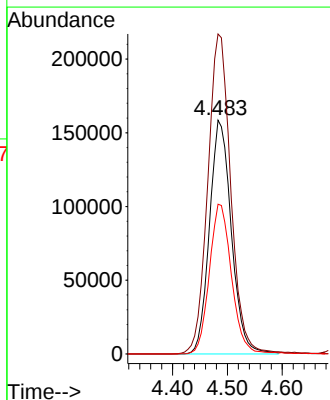
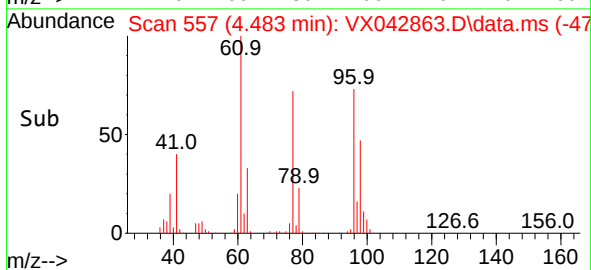
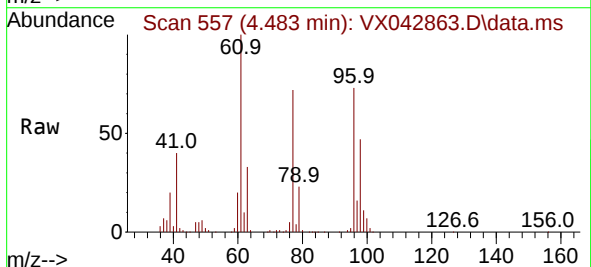
Manual Integrations
APPROVED

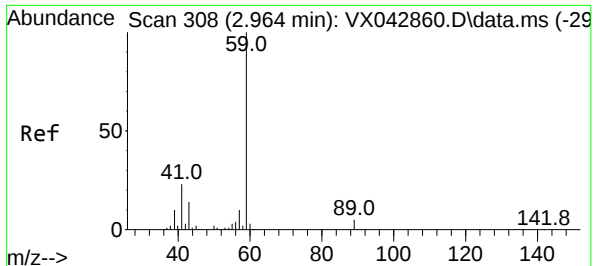
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#22
cis-1,2-Dichloroethene
Concen: 155.520 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 96 Resp: 440225
Ion Ratio Lower Upper
96 100
61 143.5 117.7 176.5
98 64.9 53.4 80.0





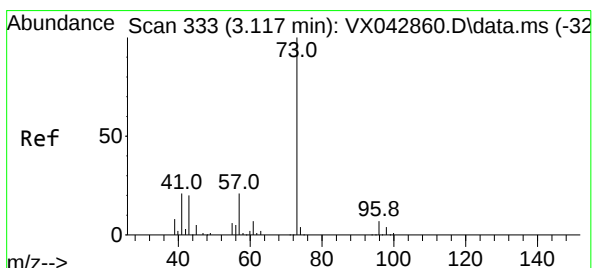
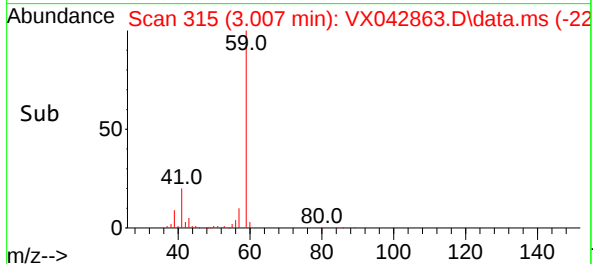
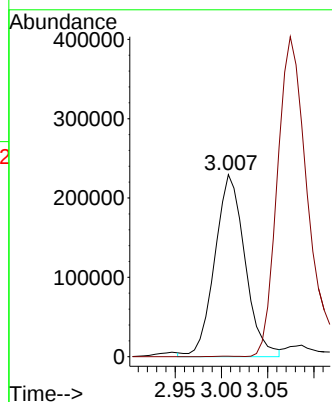
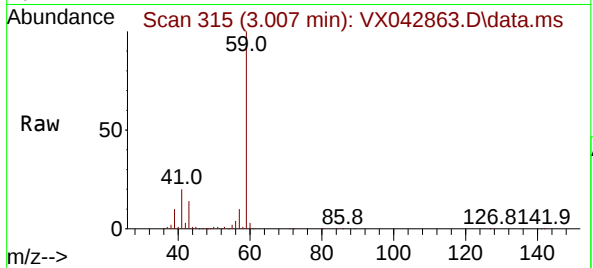
#23
tert-Butyl Alcohol
Concen: 768.174 ug/l m
RT: 3.007 min Scan# 315
Delta R.T. 0.043 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 521419
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

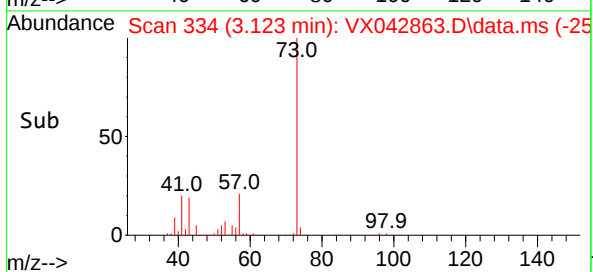
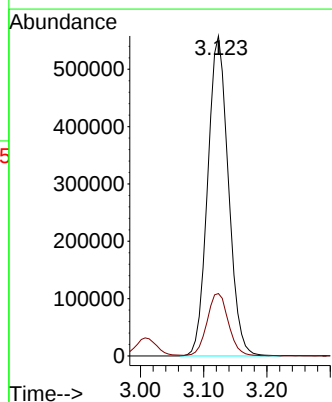
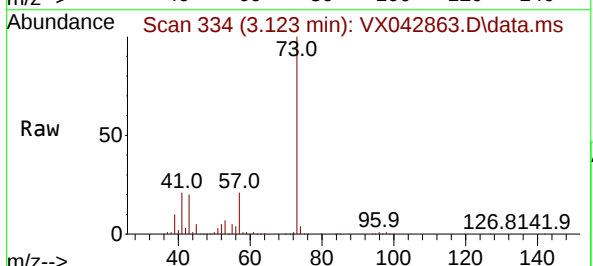
Manual Integrations
APPROVED

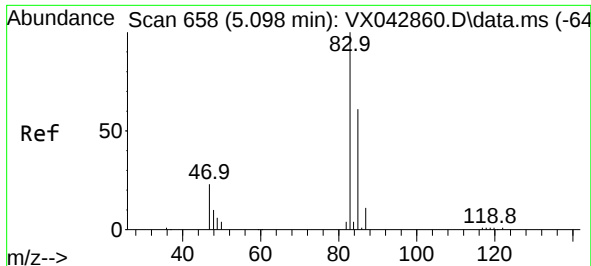
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#24
Methyl tert-Butyl Ether
Concen: 158.230 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 73 Resp: 1268507
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.2





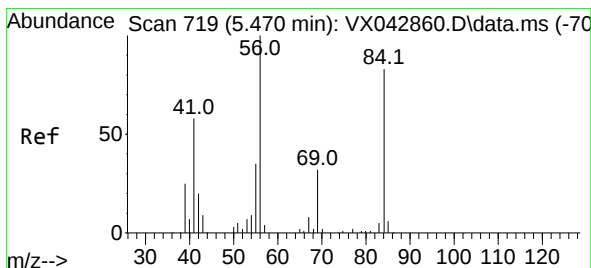
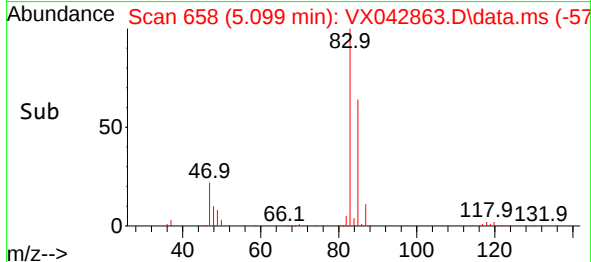
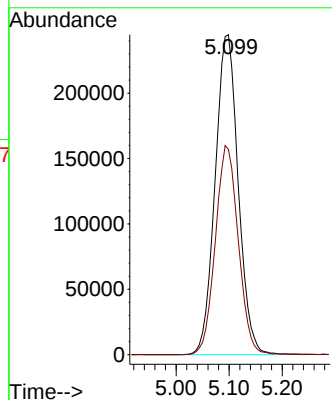
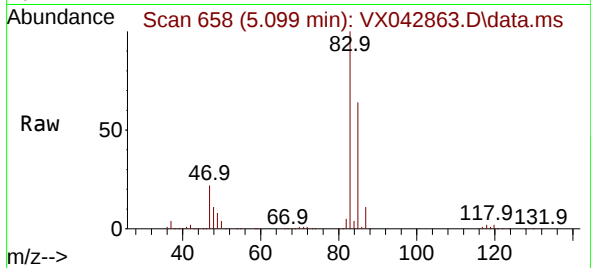
#25
Chloroform
Concen: 153.673 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 74038
Ion Ratio Lower Upper
83 100
85 64.2 49.2 73.8

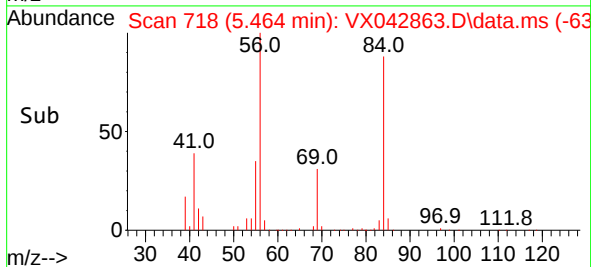
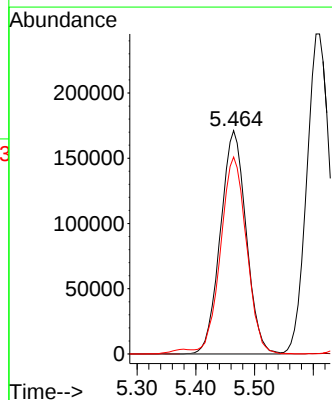
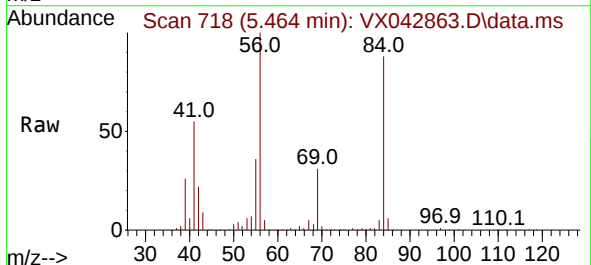
Manual Integrations
APPROVED

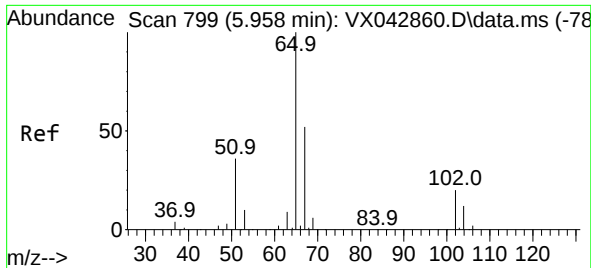
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#26
Cyclohexane
Concen: 148.493 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 56 Resp: 521646
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.2 71.8 107.8





#27
1,2-Dichloroethane-d4
Concen: 32.268 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

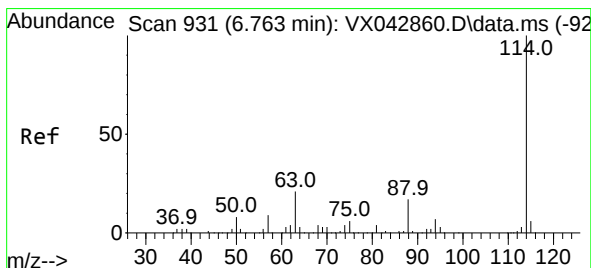
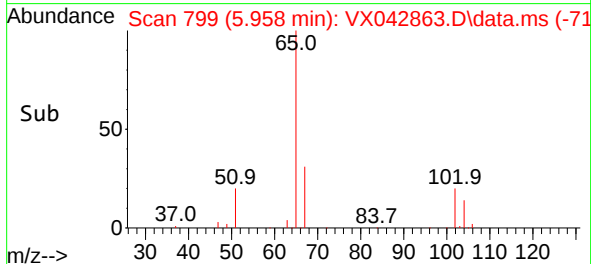
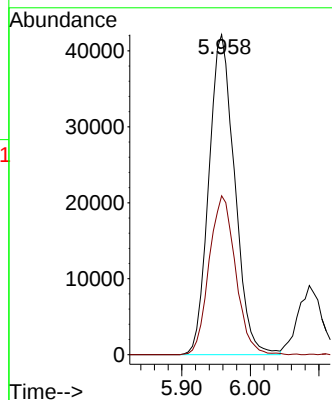
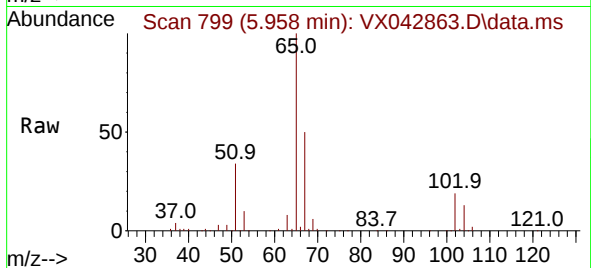
VSTDICC150

Tgt Ion: 65 Resp: 11028
Ion Ratio Lower Upper
65 100
67 50.7 40.6 60.8

Manual Integrations

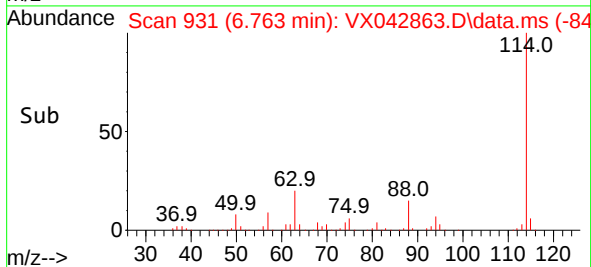
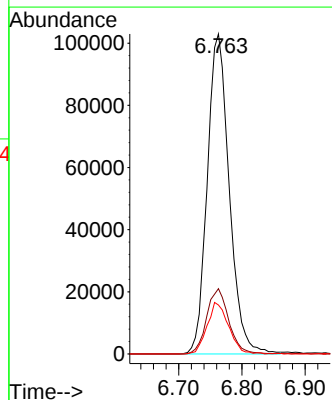
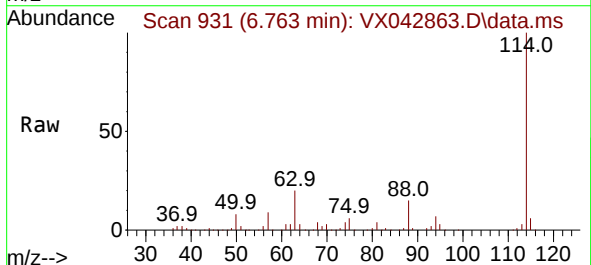
APPROVED

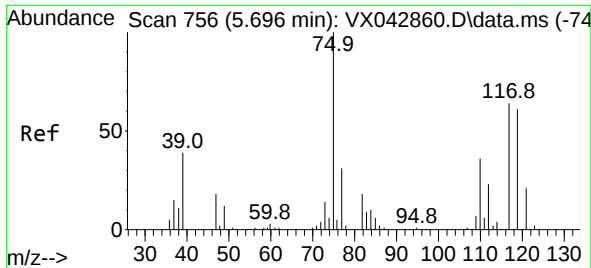
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion:114 Resp: 248779
Ion Ratio Lower Upper
114 100
63 20.4 16.0 24.0
88 15.6 12.5 18.7





#29
1,1-Dichloropropene
Concen: 143.811 ug/l
RT: 5.690 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

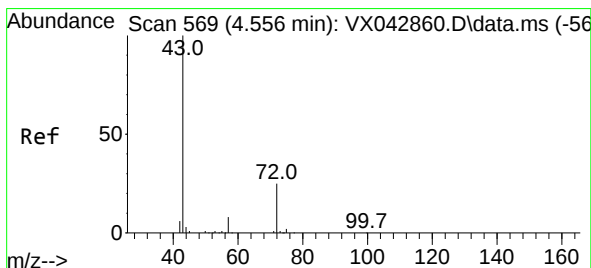
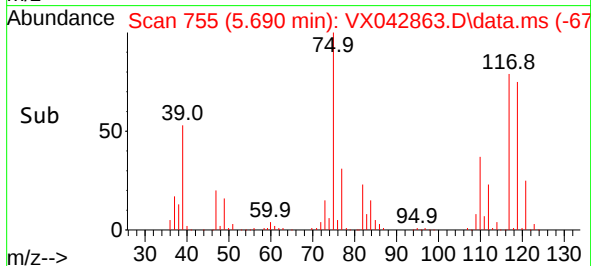
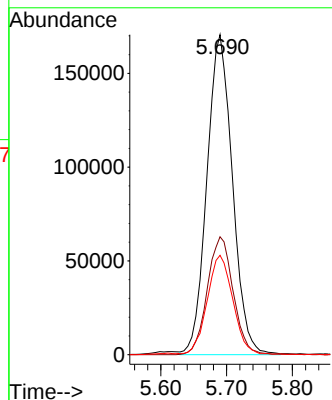
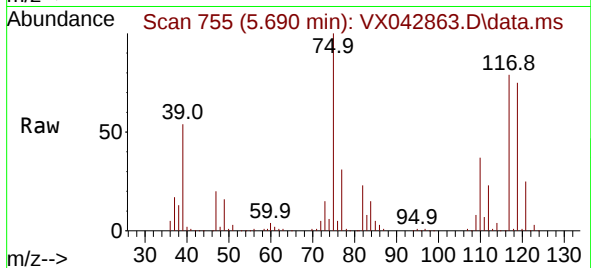
Tgt Ion: 75 Resp: 461060
Ion Ratio Lower Upper
75 100
110 37.3 0.0 72.4
77 31.2 0.0 63.4

Manual Integrations

APPROVED

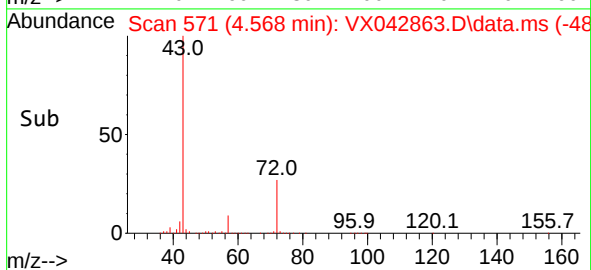
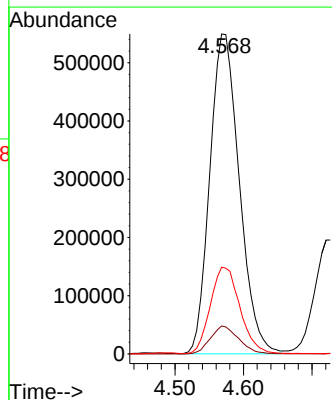
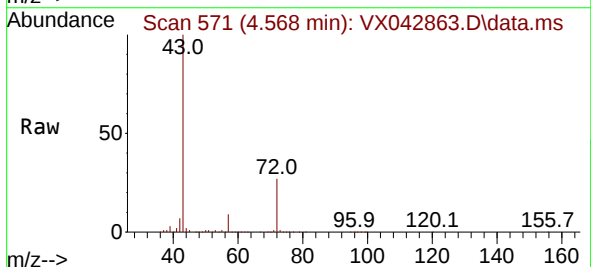
Reviewed By :John Carlone 08/07/2024

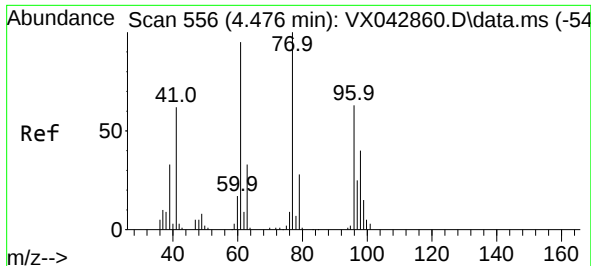
Supervised By :Mahesh Dadoda 08/08/2024



#30
2-Butanone
Concen: 696.104 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

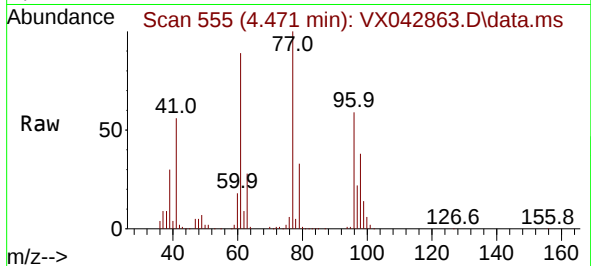
Tgt Ion: 43 Resp: 1643462
Ion Ratio Lower Upper
43 100
57 8.4 6.6 10.0
72 27.1 21.0 31.4





#31
2,2-Dichloropropane
Concen: 148.753 ug/l
RT: 4.471 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

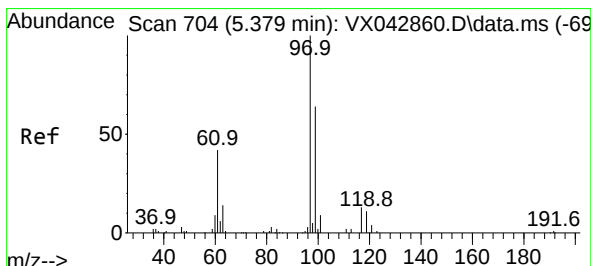
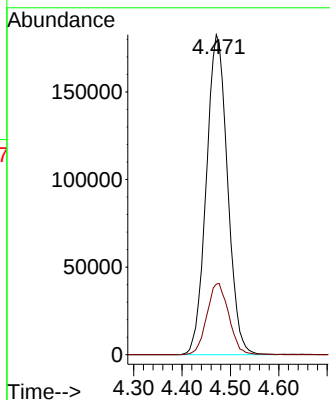
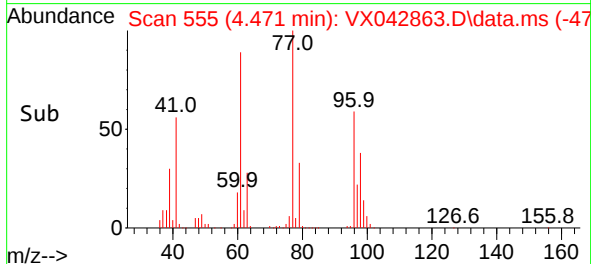
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



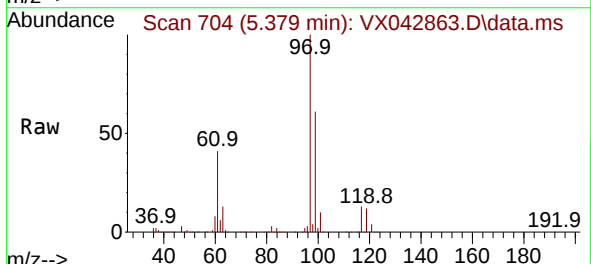
Tgt Ion: 77 Resp: 55725
Ion Ratio Lower Upper
77 100
97 22.9 18.5 27.7

Manual Integrations
APPROVED

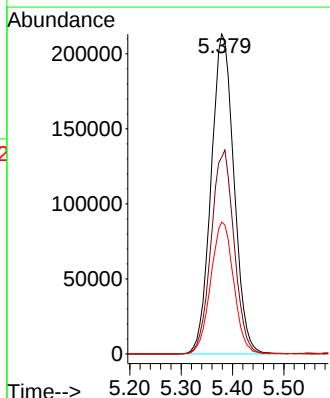
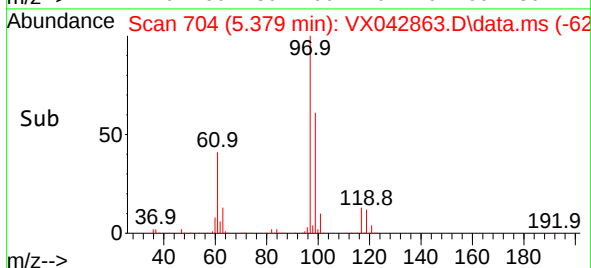
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

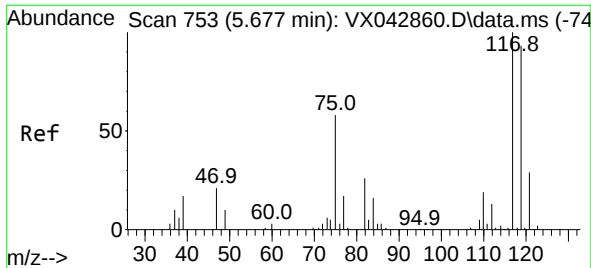


#32
1,1,1-Trichloroethane
Concen: 148.311 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41



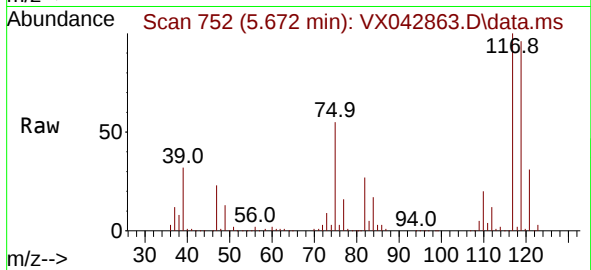
Tgt Ion: 97 Resp: 658397
Ion Ratio Lower Upper
97 100
99 63.9 52.2 78.2
61 41.6 34.3 51.5





#33
Carbon Tetrachloride
Concen: 148.903 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

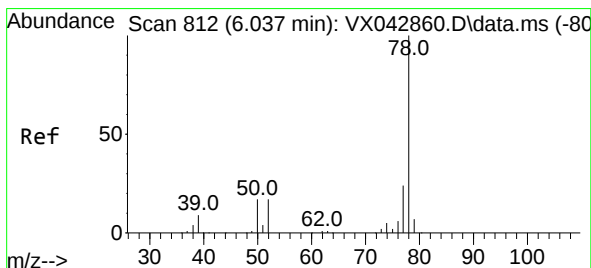
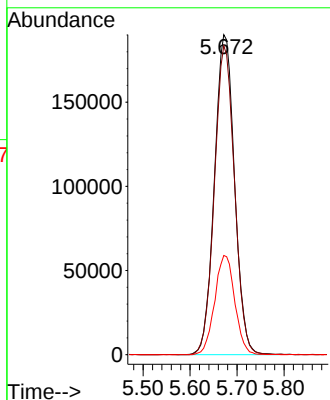
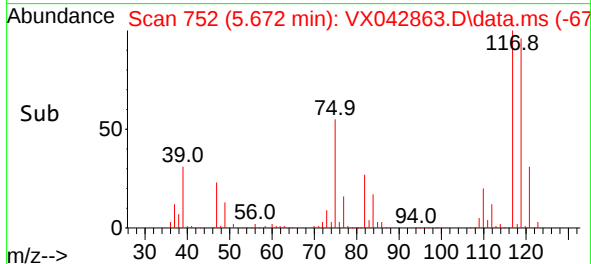
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 117 Resp: 565352
Ion Ratio Lower Upper
117 100
119 96.5 75.7 113.5
121 31.0 23.3 34.9

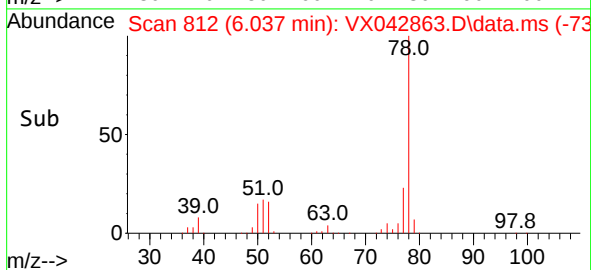
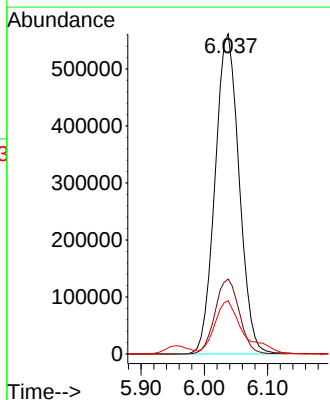
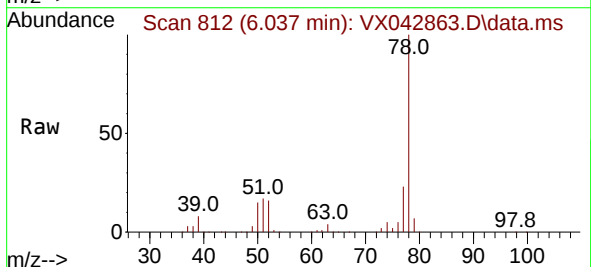
Manual Integrations
APPROVED

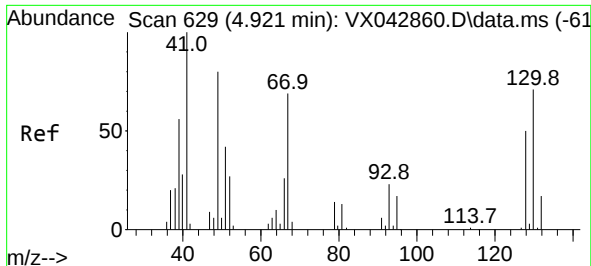
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#34
Benzene
Concen: 144.575 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 78 Resp: 1483933
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.2
51 15.8 13.5 20.3





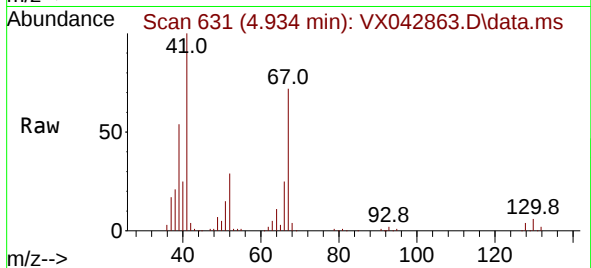
#35
Methacrylonitrile
Concen: 152.390 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



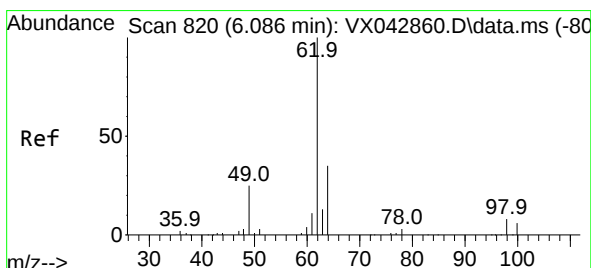
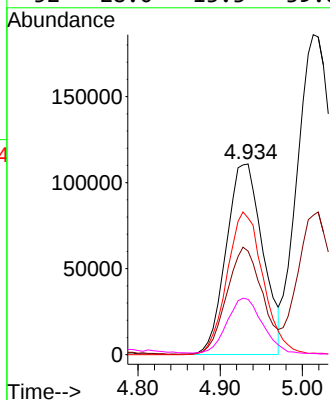
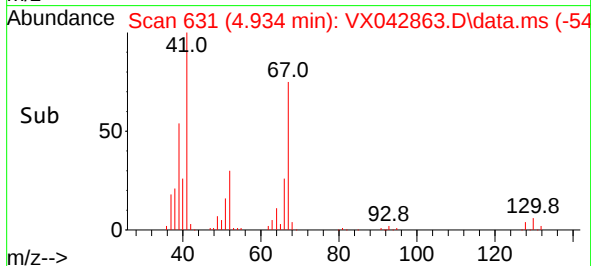
Tgt Ion: 41 Resp: 342420
Ion Ratio Lower Upper
41 100
39 54.0 28.1 84.2
67 71.7 34.4 103.1
52 28.0 13.3 39.8

Manual Integrations

APPROVED

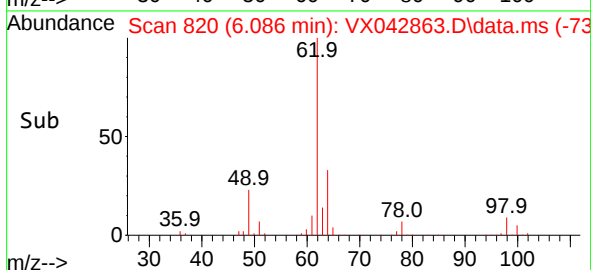
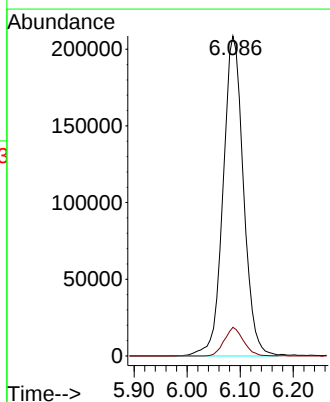
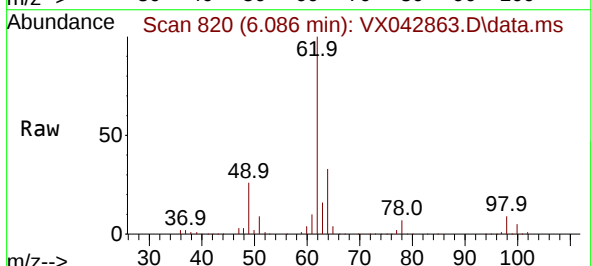
Reviewed By :John Carlone 08/07/2024

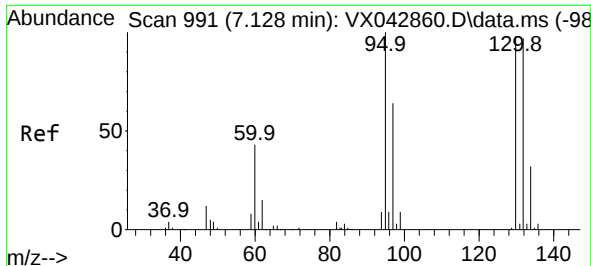
Supervised By :Mahesh Dadoda 08/08/2024



#36
1,2-Dichloroethane
Concen: 146.849 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

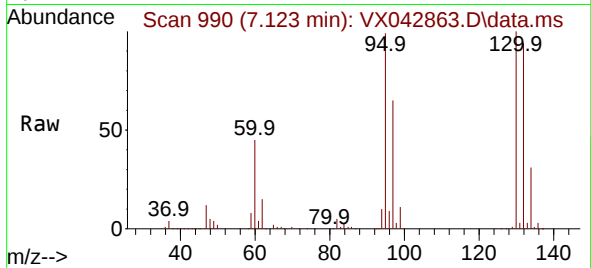
Tgt Ion: 62 Resp: 556272
Ion Ratio Lower Upper
62 100
98 8.4 6.8 10.2





#37
Trichloroethene
Concen: 144.116 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

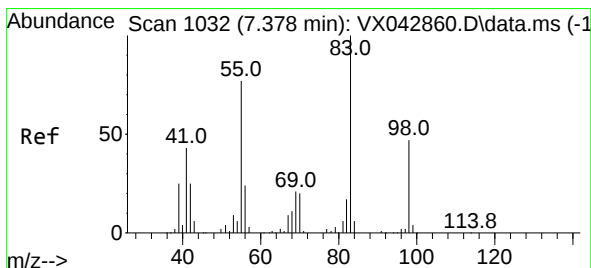
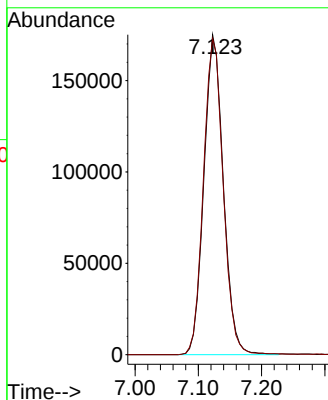
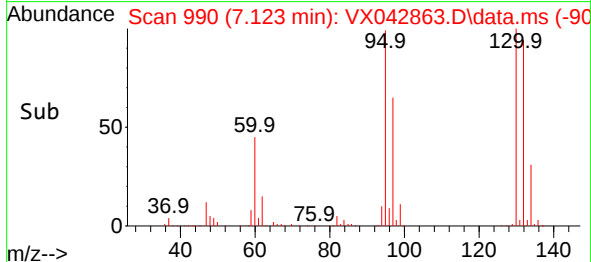
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:130 Resp: 374484
Ion Ratio Lower Upper
130 100
95 98.8 81.4 122.2

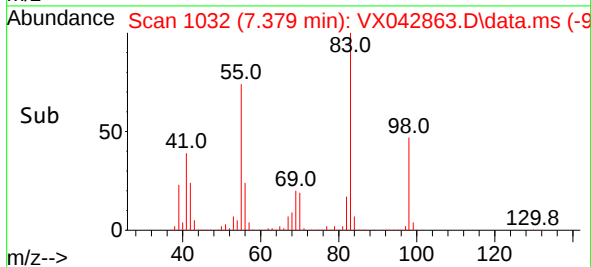
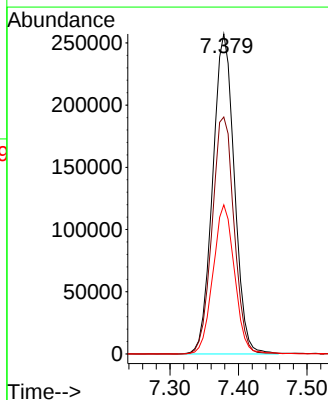
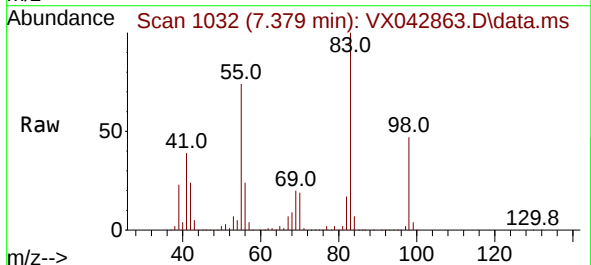
Manual Integrations
APPROVED

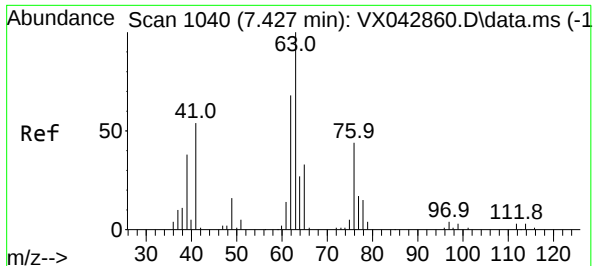
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#38
Methylcyclohexane
Concen: 142.077 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 83 Resp: 564511
Ion Ratio Lower Upper
83 100
55 75.2 38.0 113.9
98 46.3 23.4 70.2





#39

1,2-Dichloropropane

Concen: 147.014 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX042863.D

Acq: 06 Aug 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 384674

Ion Ratio Lower Upper

63 100

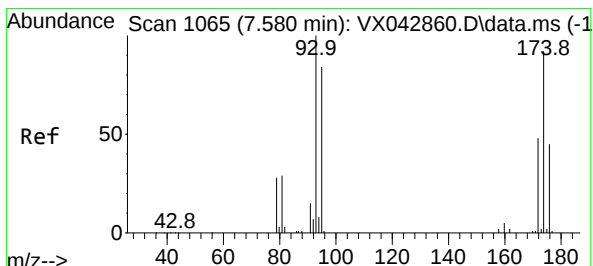
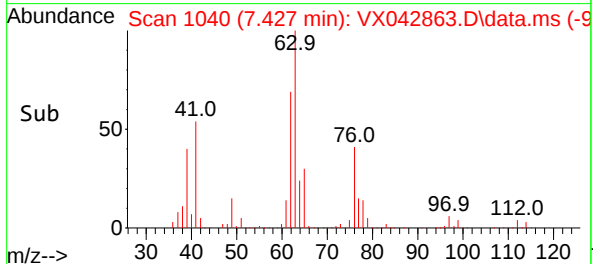
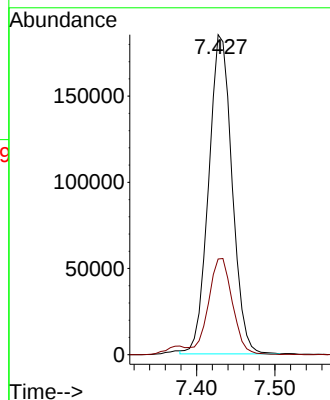
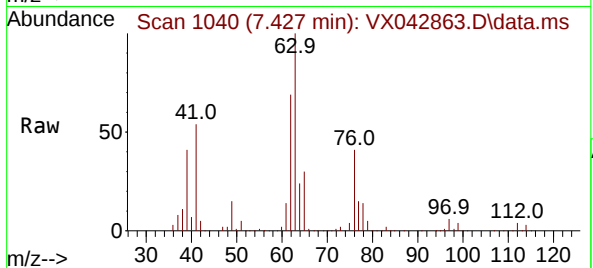
65 30.0 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#40

Dibromomethane

Concen: 146.498 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX042863.D

Acq: 06 Aug 2024 11:41

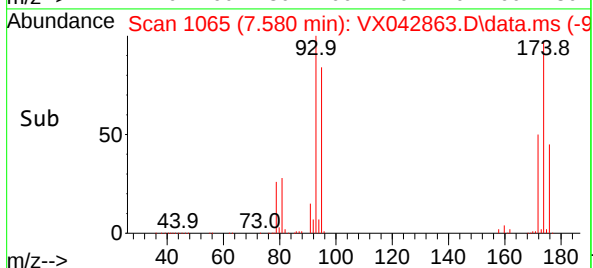
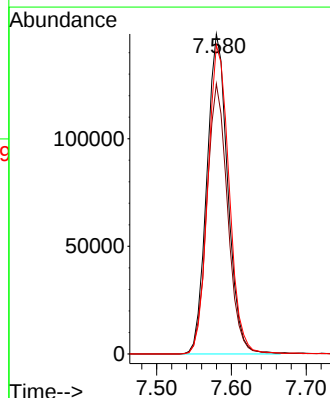
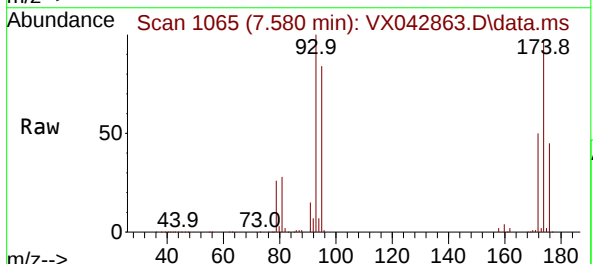
Tgt Ion: 93 Resp: 289425

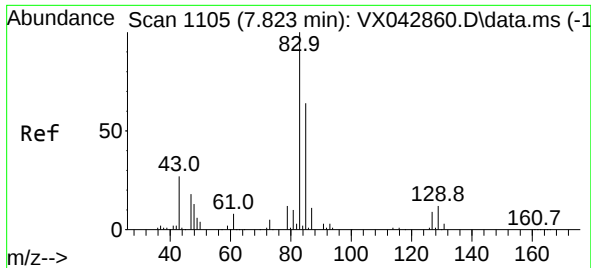
Ion Ratio Lower Upper

93 100

95 83.8 0.0 161.8

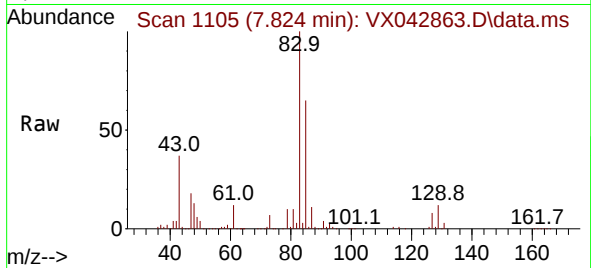
174 98.1 0.0 194.0





#41
Bromodichloromethane
Concen: 150.090 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

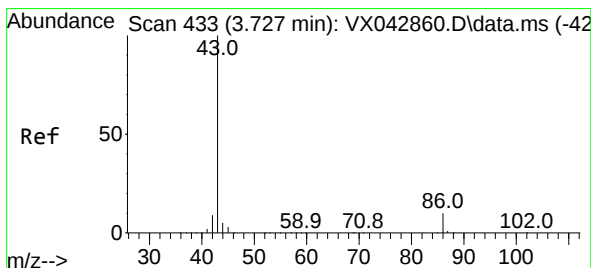
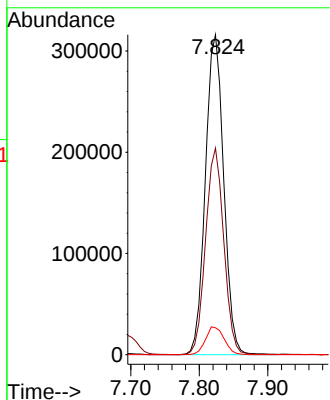
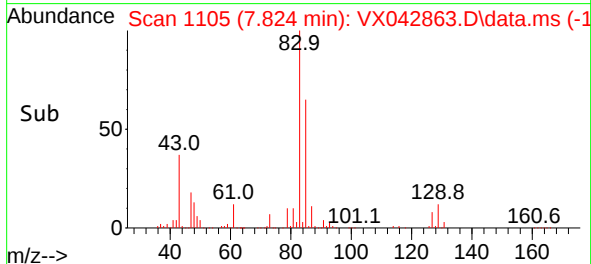
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 588000
Ion Ratio Lower Upper
83 100
85 64.5 50.8 76.2
127 8.4 6.9 10.3

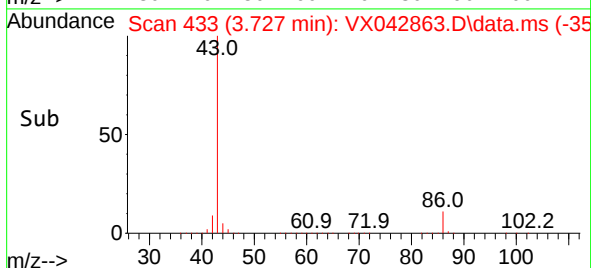
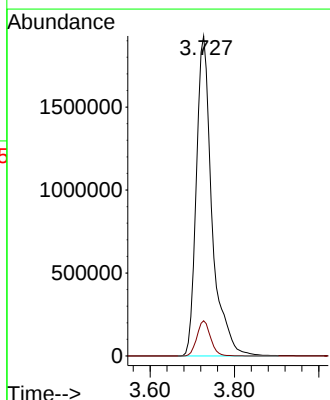
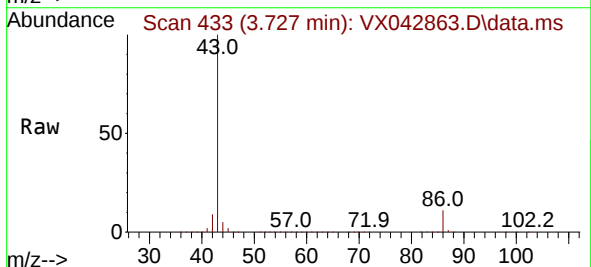
Manual Integrations
APPROVED

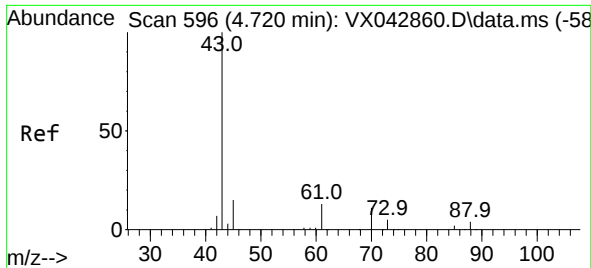
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#42
Vinyl Acetate
Concen: 722.767 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 43 Resp: 4990734
Ion Ratio Lower Upper
43 100
86 9.5 7.2 10.8





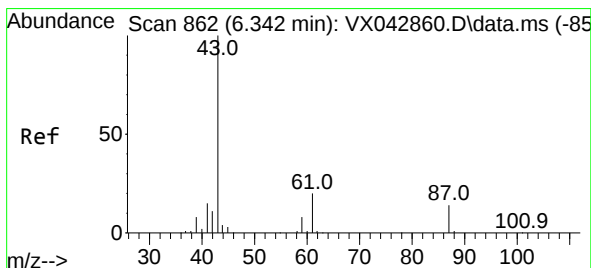
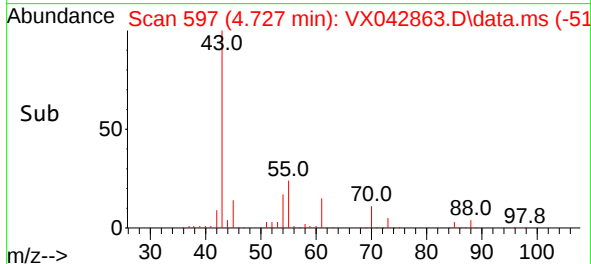
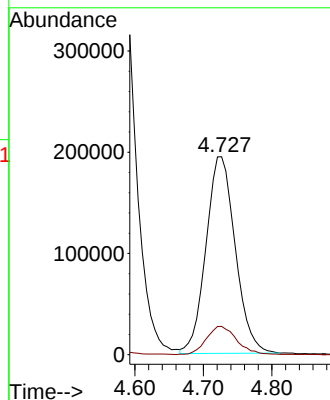
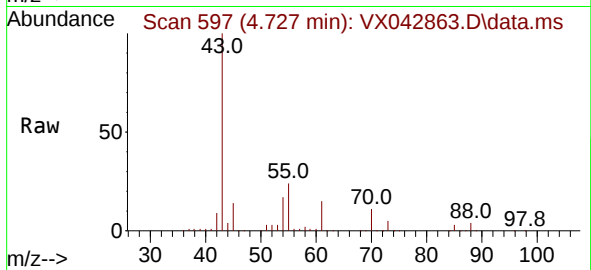
#43
Ethyl Acetate
Concen: 143.927 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 578028
Ion Ratio Lower Upper
43 100
45 14.6 12.5 18.7

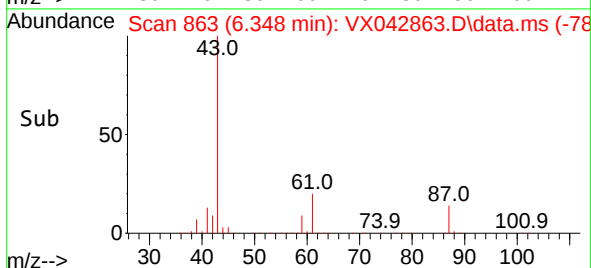
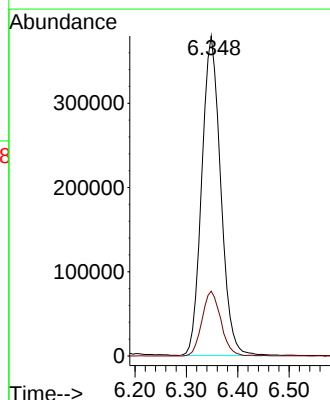
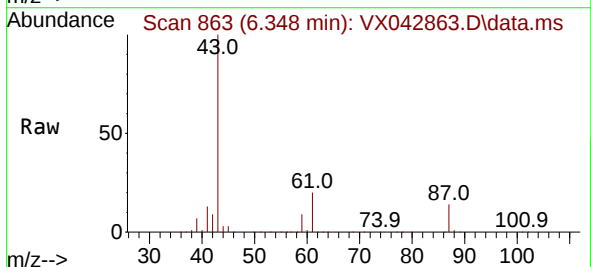
Manual Integrations
APPROVED

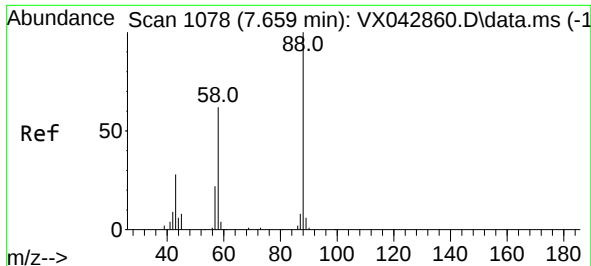
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#44
Isopropyl Acetate
Concen: 152.023 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

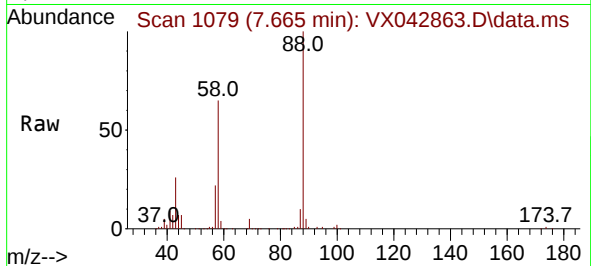
Tgt Ion: 43 Resp: 969039
Ion Ratio Lower Upper
43 100
61 20.2 15.4 23.0





#45
1,4-Dioxane
Concen: 3263.290 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

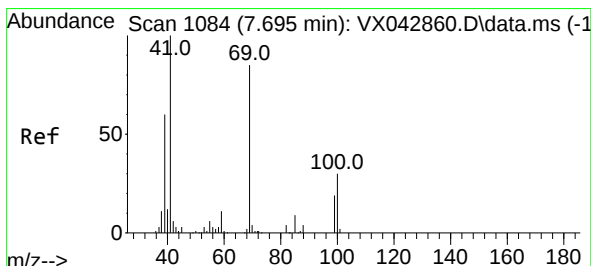
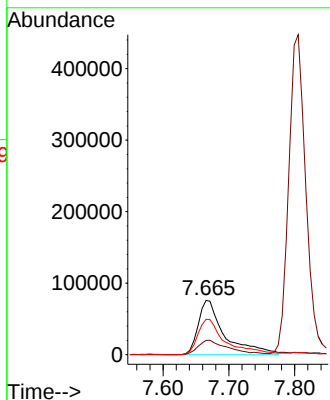
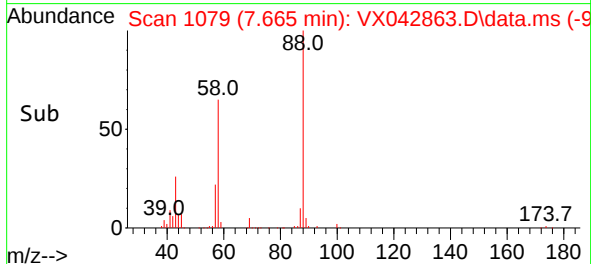
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 88 Resp: 211722
Ion Ratio Lower Upper
88 100
43 28.3 25.8 38.6
58 68.7 55.5 83.3

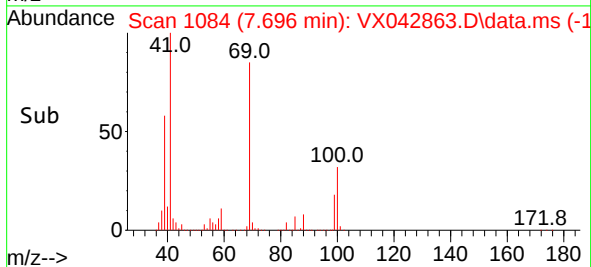
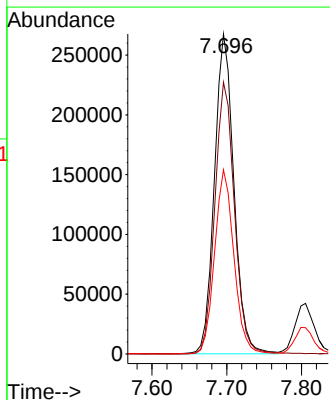
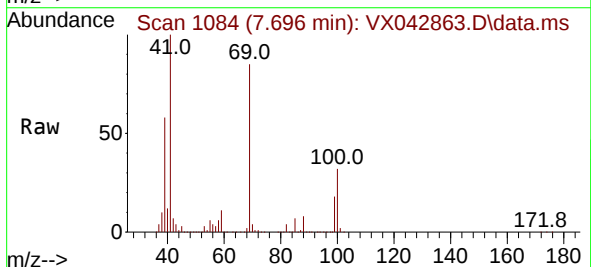
Manual Integrations
APPROVED

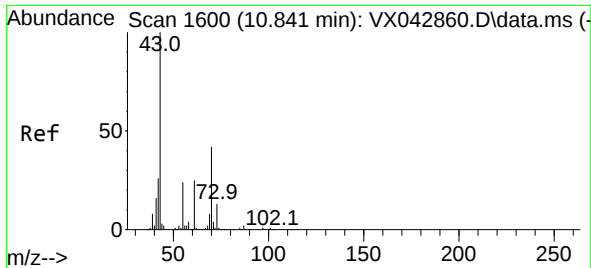
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#46
Methyl methacrylate
Concen: 153.486 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

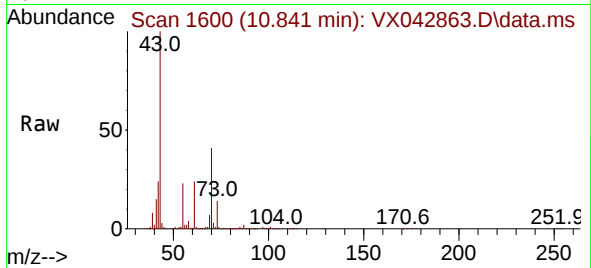
Tgt Ion: 41 Resp: 486195
Ion Ratio Lower Upper
41 100
69 84.9 42.4 127.1
39 57.5 29.9 89.7





#47
n-amy1 Acetate
Concen: 161.220 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

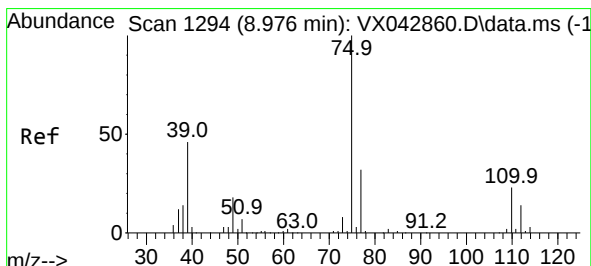
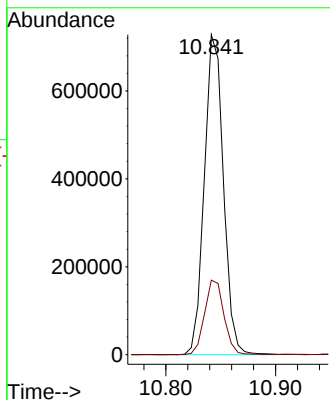
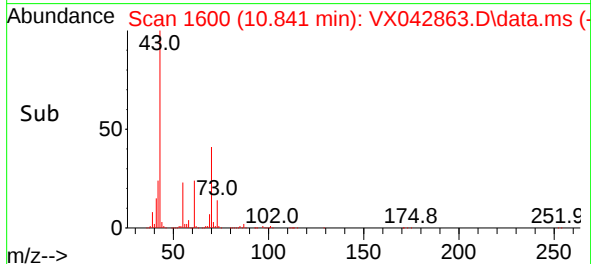
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 879100
Ion Ratio Lower Upper
43 100
55 23.6 19.6 29.4

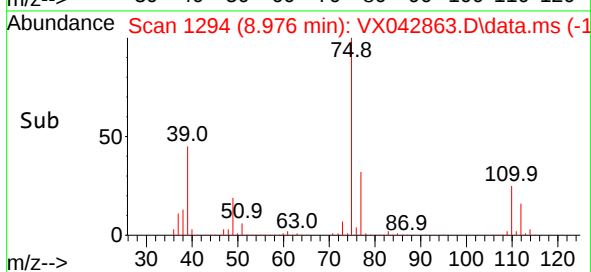
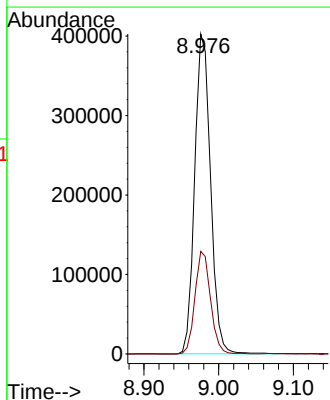
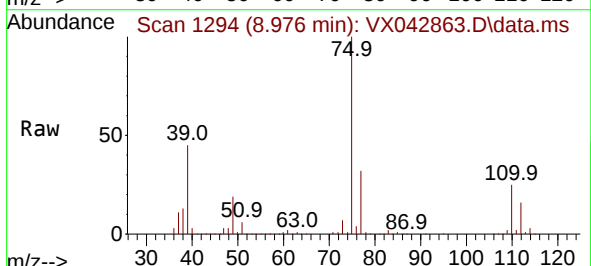
Manual Integrations
APPROVED

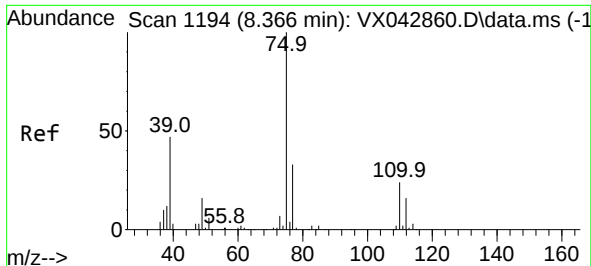
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#48
t-1,3-Dichloropropene
Concen: 157.751 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 75 Resp: 592453
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 152.104 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042863.D

Acq: 06 Aug 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 618638

Ion Ratio Lower Upper

75 100

77 32.7 26.8 40.2

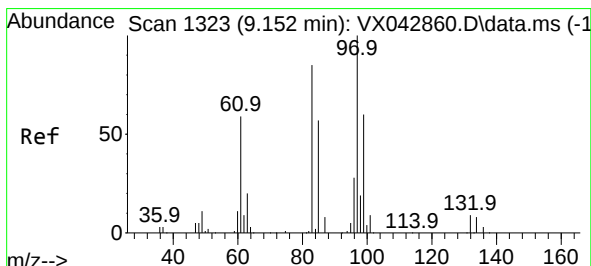
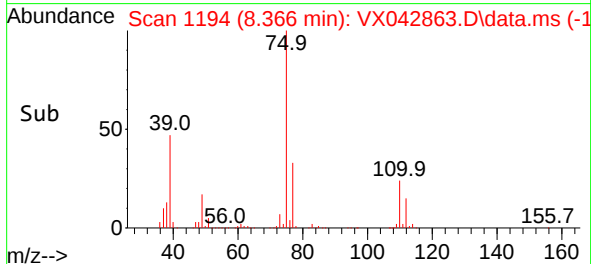
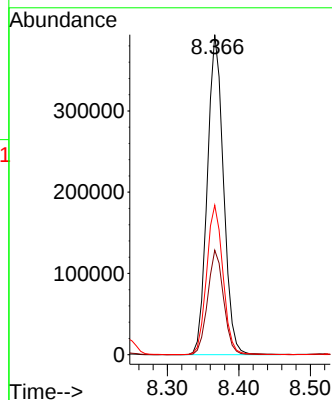
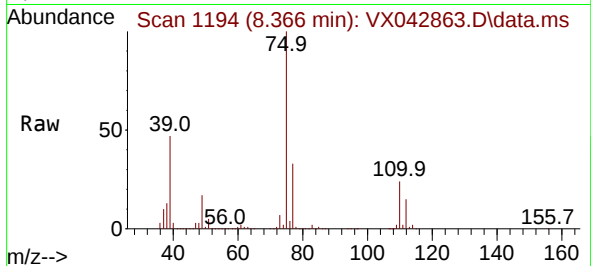
39 46.7 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#50

1,1,2-Trichloroethane

Concen: 148.436 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX042863.D

Acq: 06 Aug 2024 11:41

Tgt Ion: 97 Resp: 399968

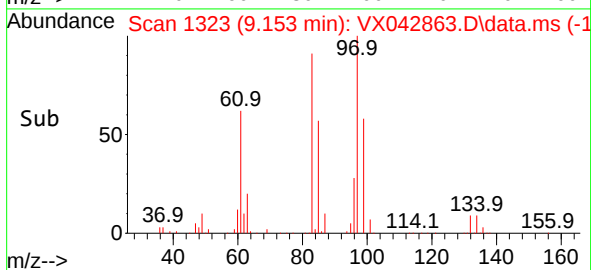
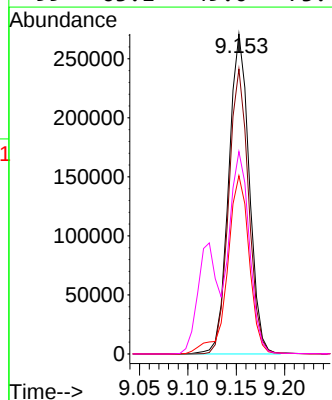
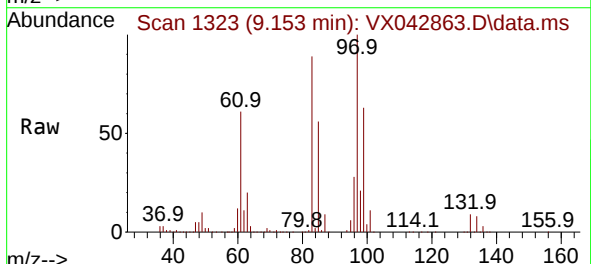
Ion Ratio Lower Upper

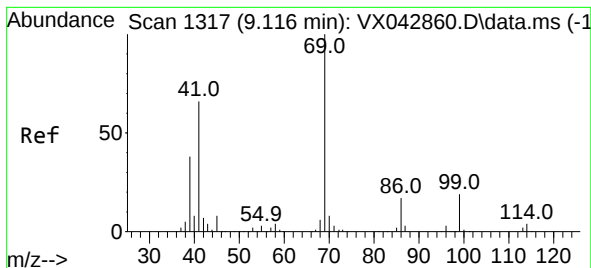
97 100

83 89.1 68.2 102.2

85 55.7 45.4 68.0

99 63.1 49.0 73.4





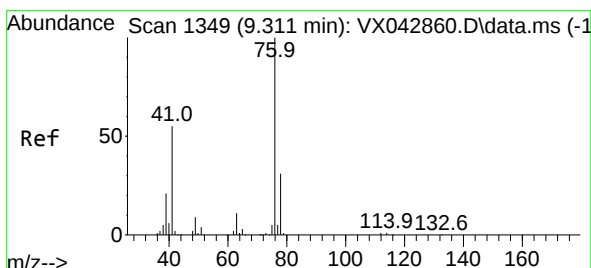
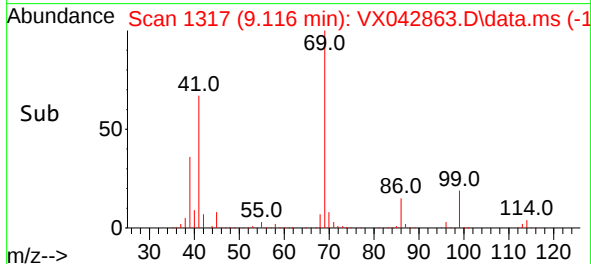
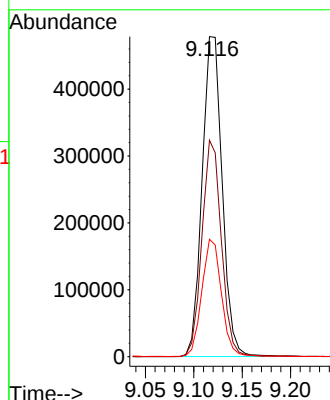
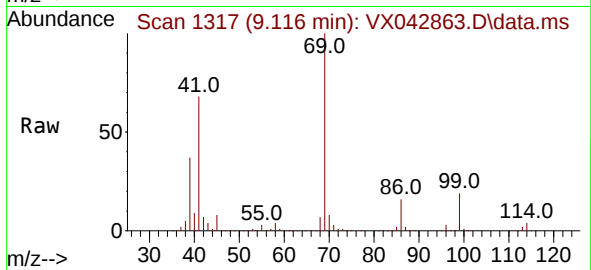
#51
Ethyl methacrylate
Concen: 156.799 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 69 Resp: 691315
Ion Ratio Lower Upper
69 100
41 67.7 33.1 99.2
39 36.6 18.8 56.3

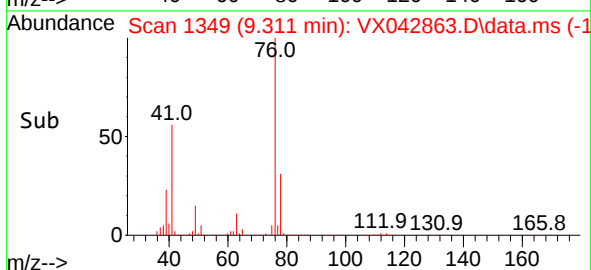
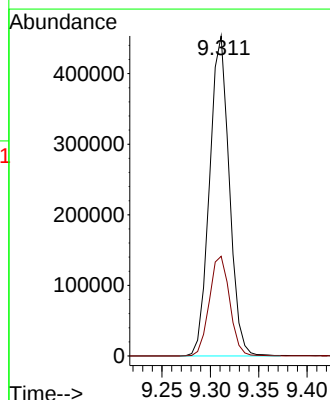
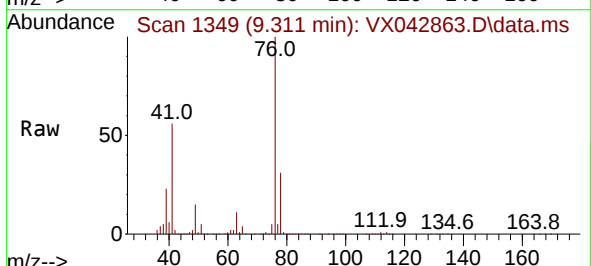
Manual Integrations
APPROVED

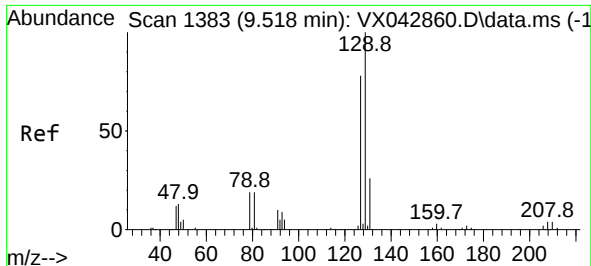
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#52
1,3-Dichloropropane
Concen: 145.782 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 76 Resp: 644631
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.8





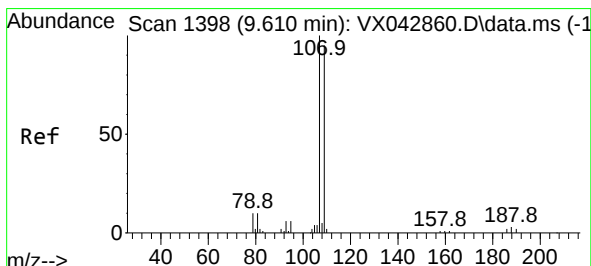
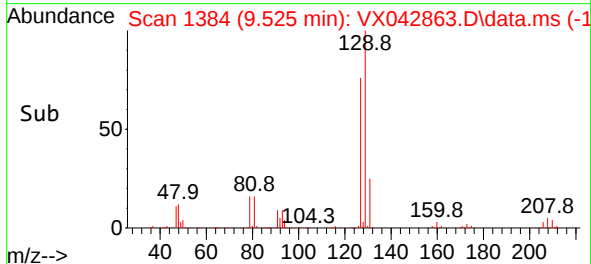
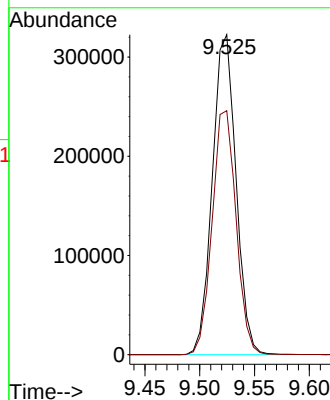
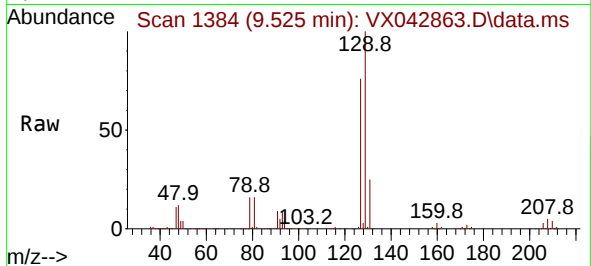
#53
Dibromochloromethane
Concen: 154.555 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 484654
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

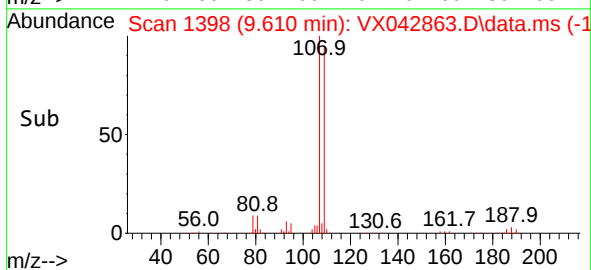
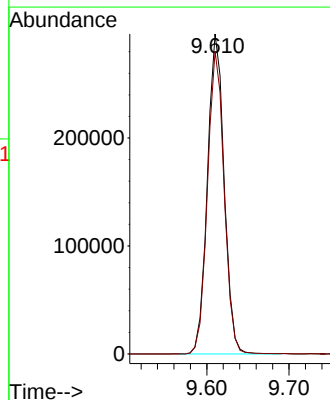
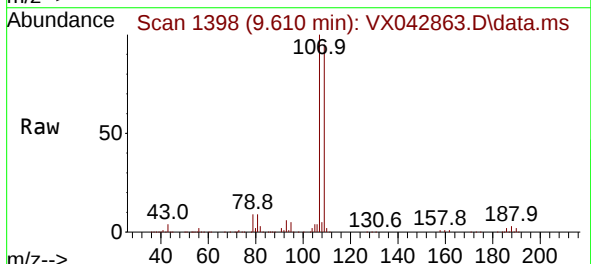
Manual Integrations
APPROVED

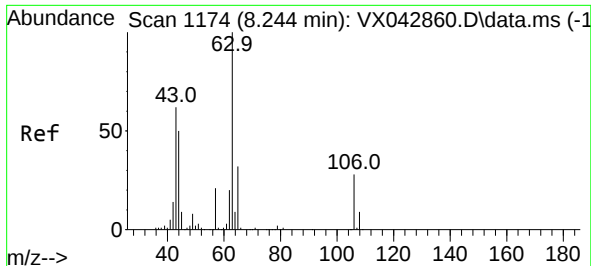
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#54
1,2-Dibromoethane
Concen: 149.336 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

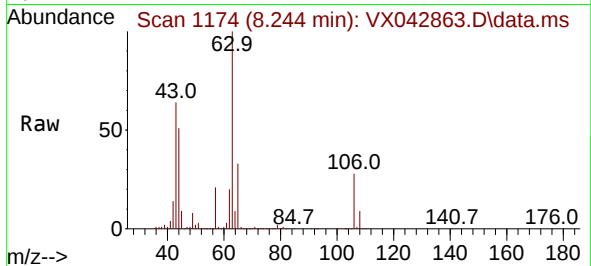
Tgt Ion:107 Resp: 418490
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4





#55
2-Chloroethyl vinyl ether
Concen: 781.982 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

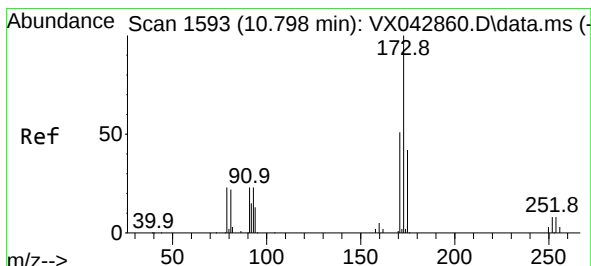
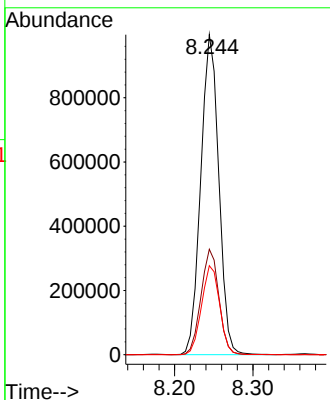
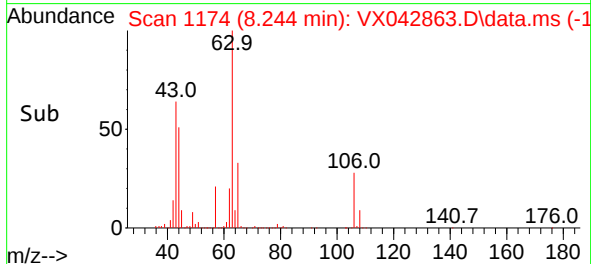
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 159215
Ion Ratio Lower Upper
63 100
65 32.7 26.3 39.5
106 27.9 21.8 32.6

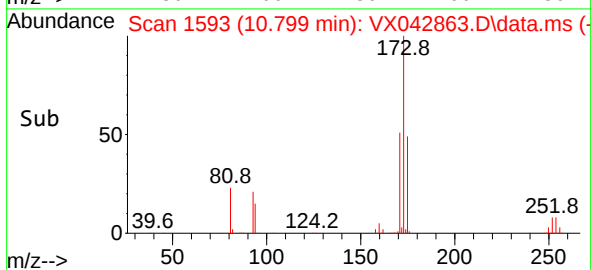
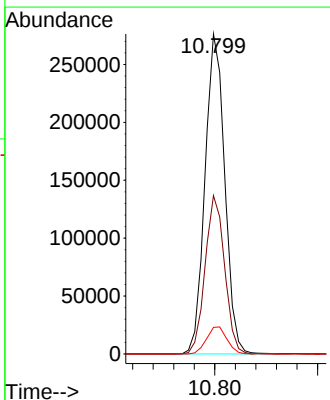
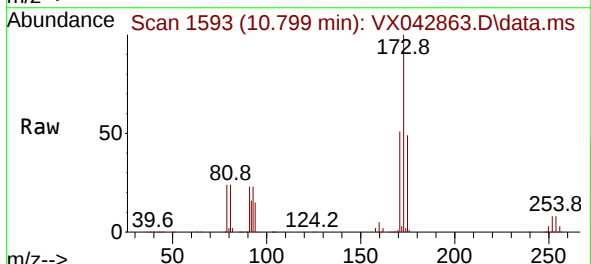
Manual Integrations
APPROVED

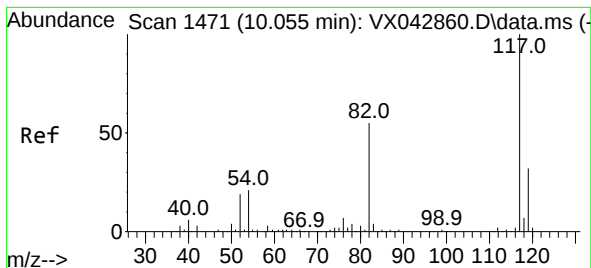
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#56
Bromoform
Concen: 163.783 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

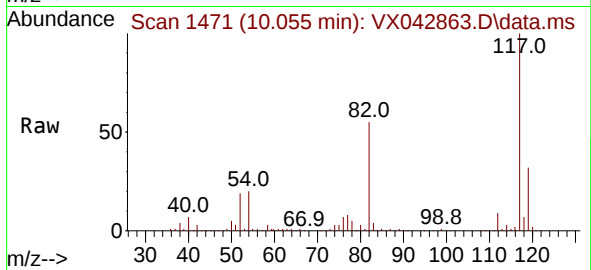
Tgt Ion:173 Resp: 368156
Ion Ratio Lower Upper
173 100
175 48.8 37.1 55.7
254 8.8 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

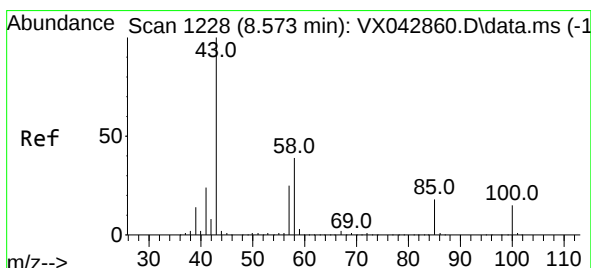
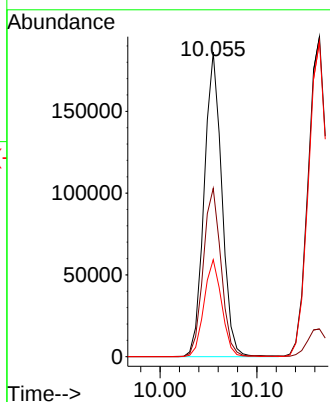
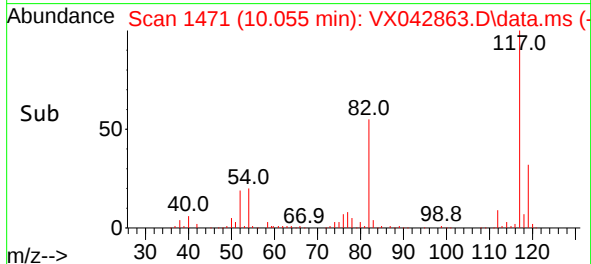
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



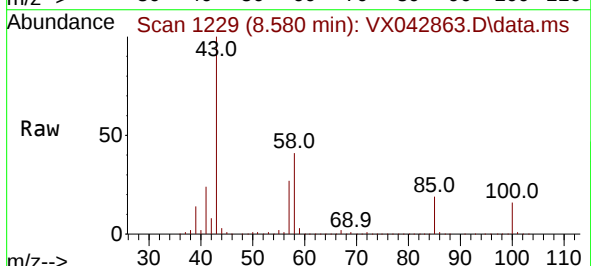
Tgt Ion: 117 Resp: 236410
Ion Ratio Lower Upper
117 100
82 55.8 44.9 67.3
119 31.9 25.4 38.2

Manual Integrations
APPROVED

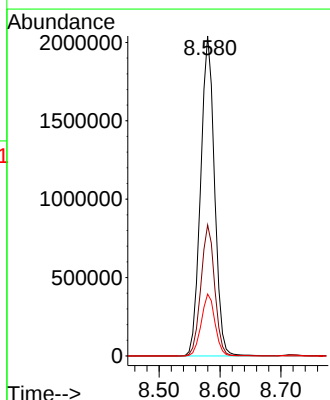
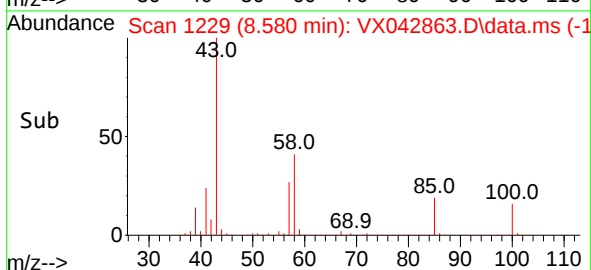
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

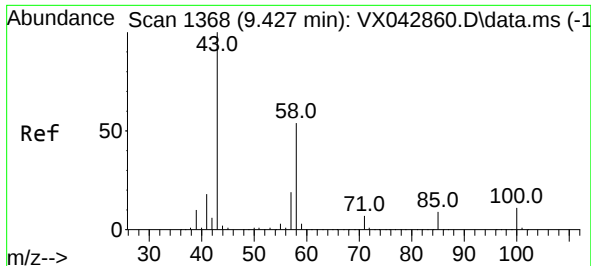


#58
4-Methyl-2-Pentanone
Concen: 726.975 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41



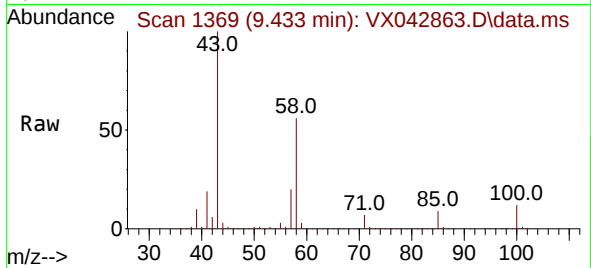
Tgt Ion: 43 Resp: 3236484
Ion Ratio Lower Upper
43 100
58 40.5 31.4 47.0
85 19.1 14.6 21.8





#59
2-Hexanone
Concen: 718.355 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

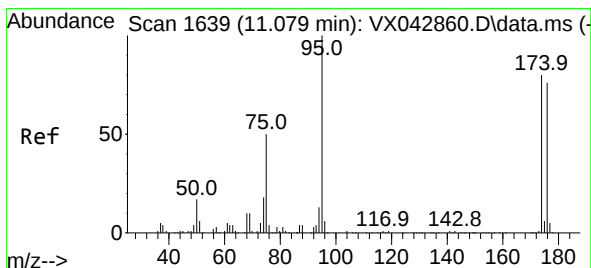
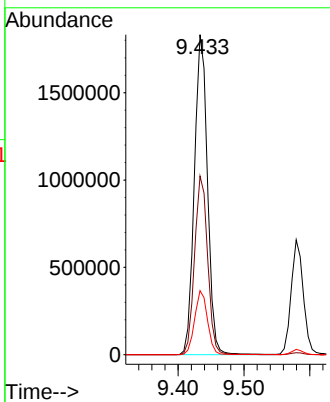
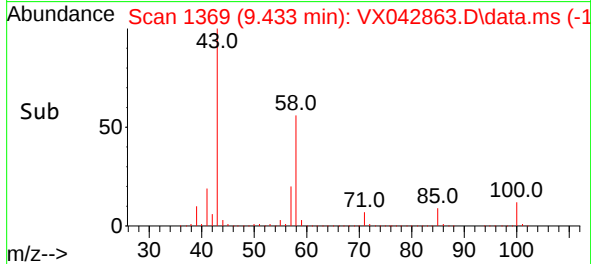
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 252779
Ion Ratio Lower Upper
43 100
58 55.7 43.5 65.3
57 19.6 15.0 22.6

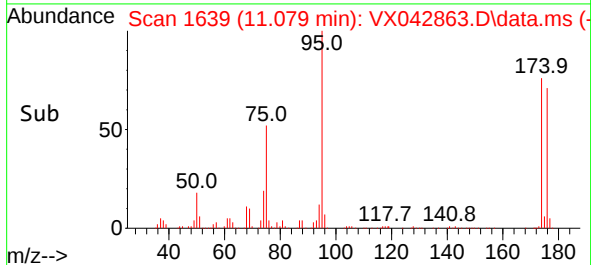
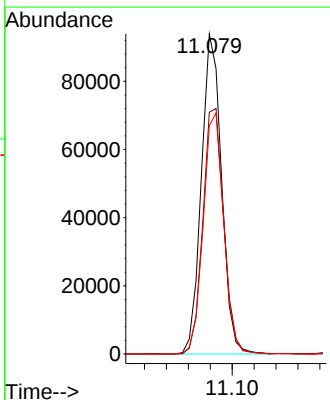
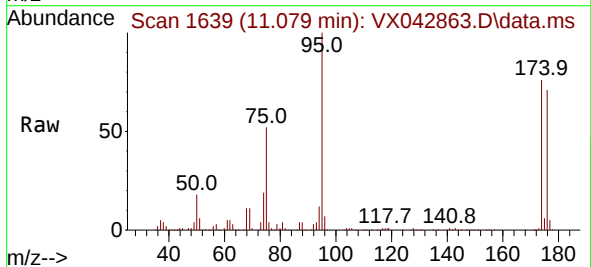
Manual Integrations
APPROVED

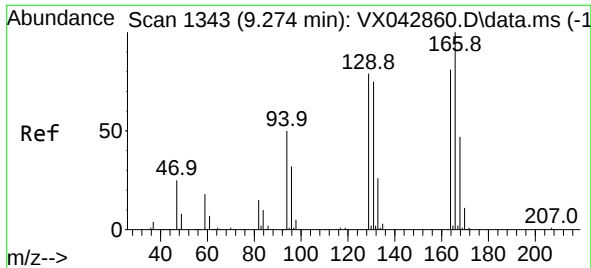
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#60
4-Bromofluorobenzene
Concen: 31.172 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 95 Resp: 120226
Ion Ratio Lower Upper
95 100
174 79.0 65.0 97.6
176 76.5 63.4 95.0





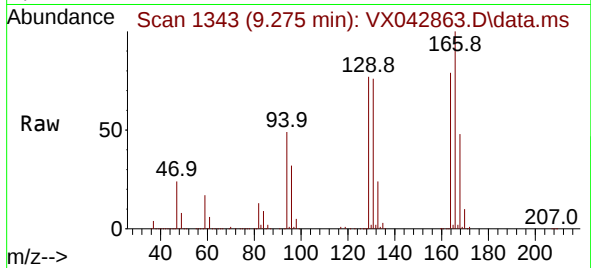
#61
Tetrachloroethene
Concen: 136.701 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



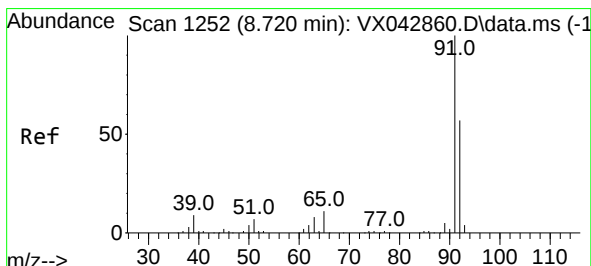
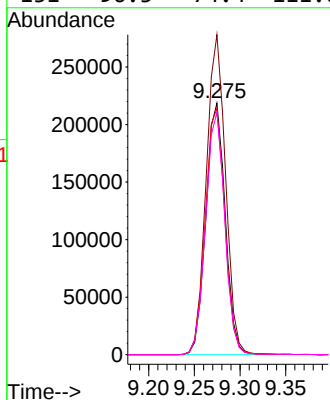
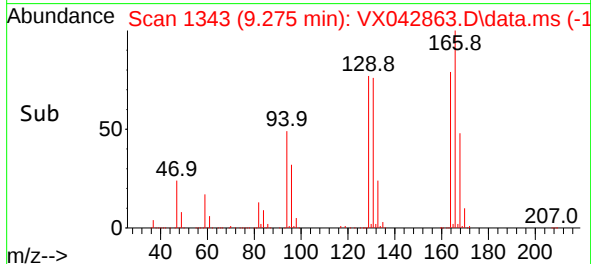
Tgt Ion:164 Resp: 320850
Ion Ratio Lower Upper
164 100
166 127.2 98.6 147.8
129 97.9 77.4 116.0
131 96.3 74.4 111.6

Manual Integrations

APPROVED

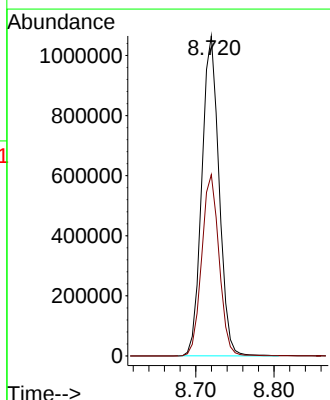
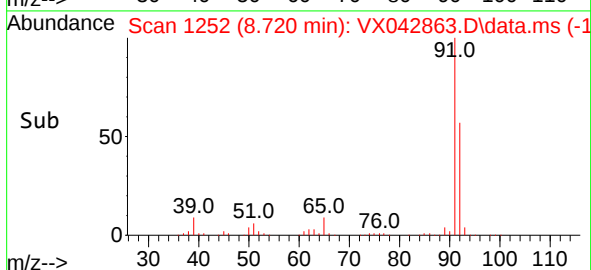
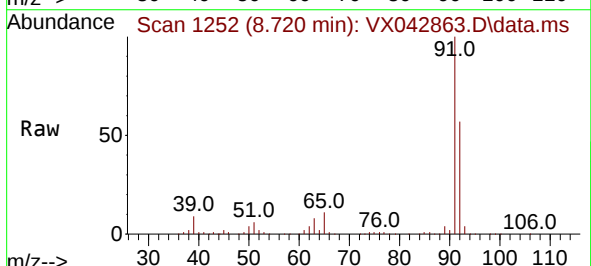
Reviewed By :John Carlone 08/07/2024

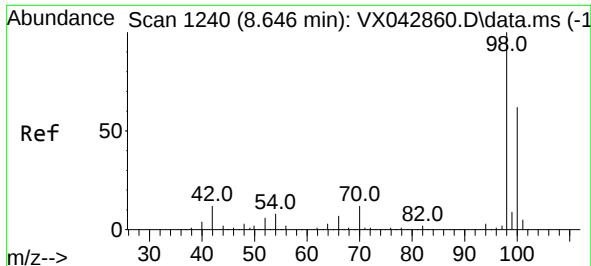
Supervised By :Mahesh Dadoda 08/08/2024



#62
Toluene
Concen: 140.168 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 91 Resp: 1623012
Ion Ratio Lower Upper
91 100
92 57.1 45.7 68.5





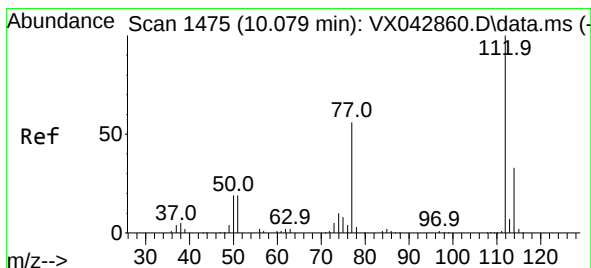
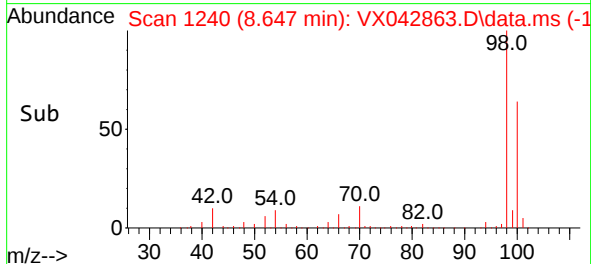
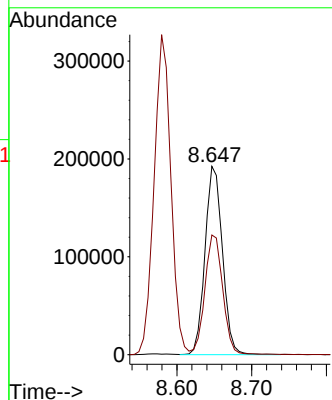
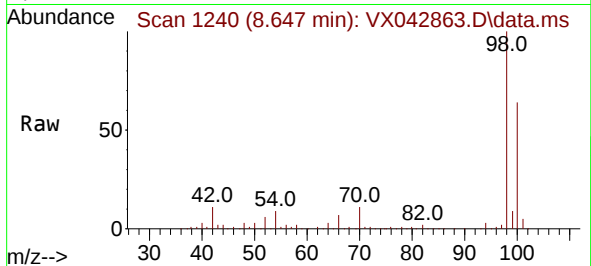
#63
Toluene-d8
Concen: 29.202 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 311839
Ion Ratio Lower Upper
98 100
100 65.1 50.9 76.3

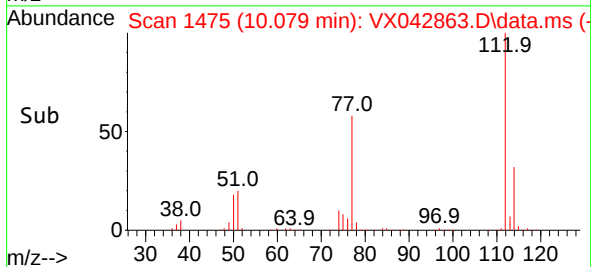
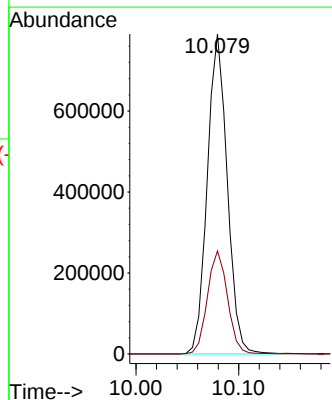
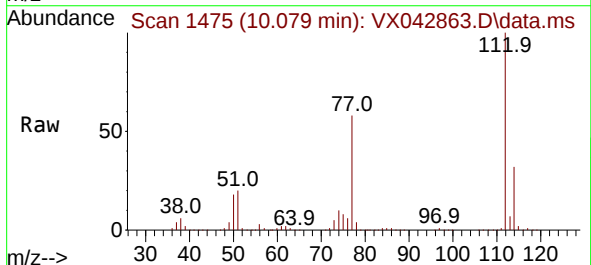
Manual Integrations
APPROVED

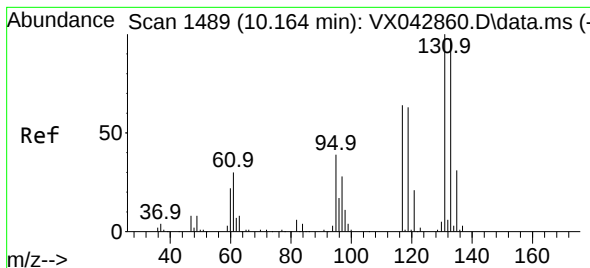
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#64
Chlorobenzene
Concen: 143.755 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

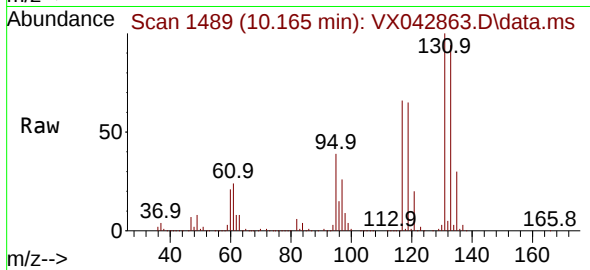
Tgt Ion:112 Resp: 1065361
Ion Ratio Lower Upper
112 100
114 32.2 26.3 39.5





#65
1,1,1,2-Tetrachloroethane
Concen: 149.926 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

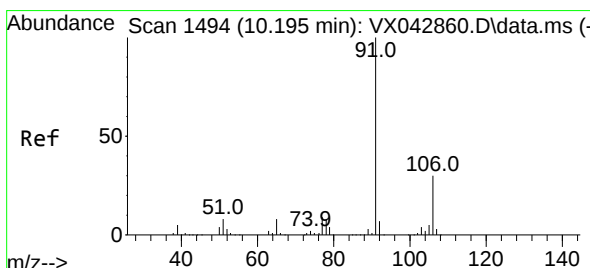
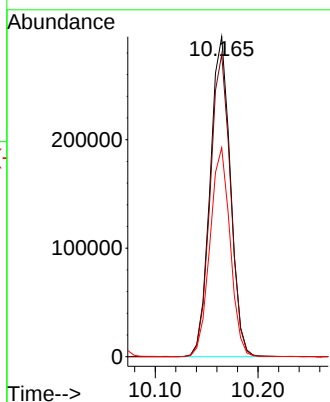
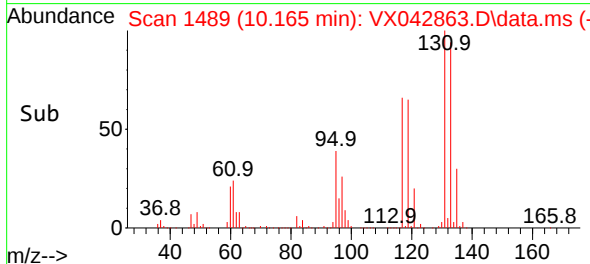
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 403344
Ion Ratio Lower Upper
131 100
133 94.4 0.0 188.2
119 64.6 0.0 131.0

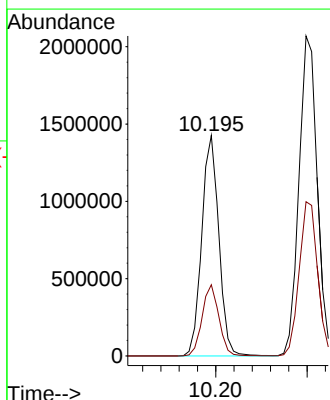
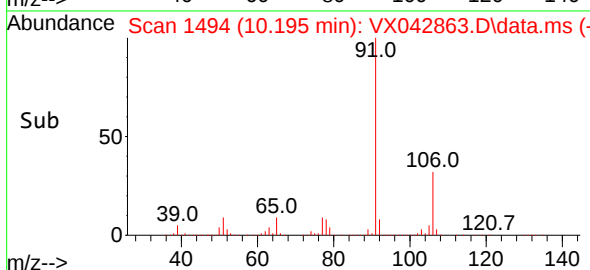
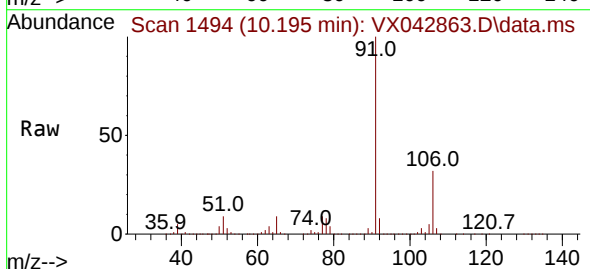
Manual Integrations
APPROVED

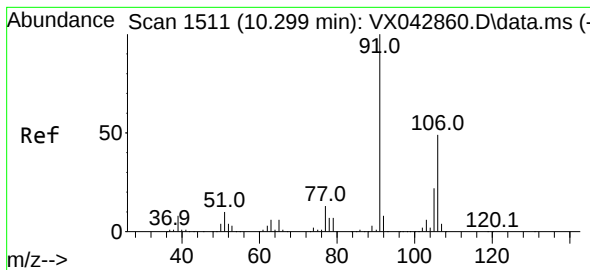
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#66
Ethyl Benzene
Concen: 144.189 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

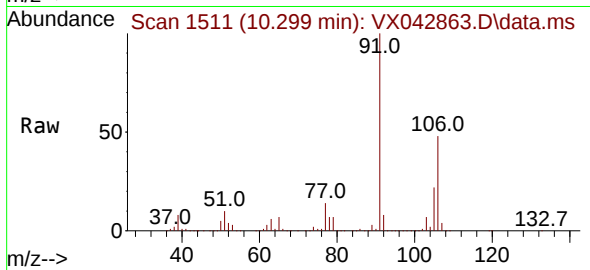
Tgt Ion: 91 Resp: 1855675
Ion Ratio Lower Upper
91 100
106 32.3 23.8 35.8





#67
m/p-Xylenes
Concen: 288.665 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

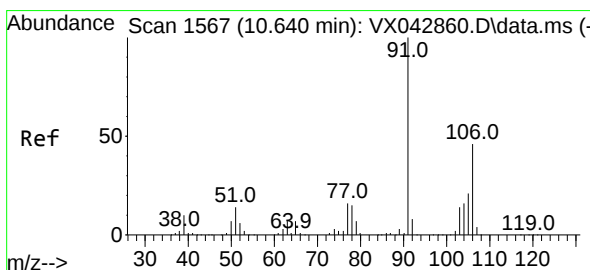
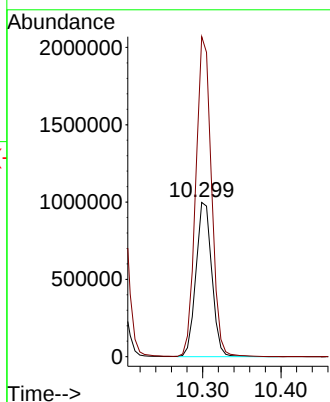
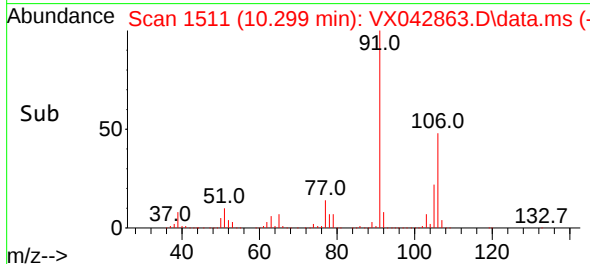
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



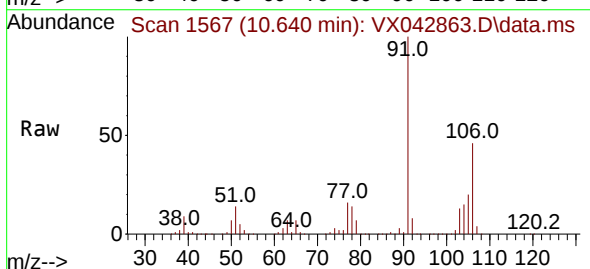
Tgt Ion:106 Resp: 1404590
Ion Ratio Lower Upper
106 100
91 205.3 165.3 247.9

Manual Integrations
APPROVED

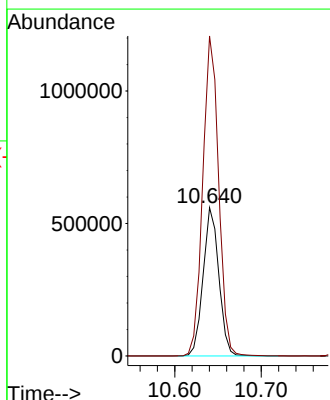
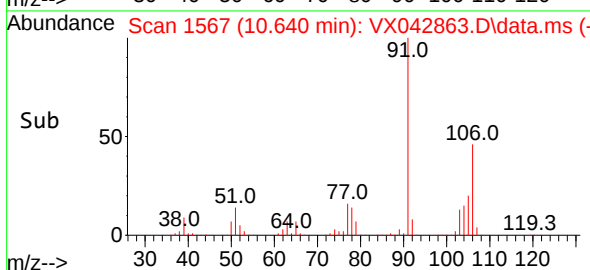
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

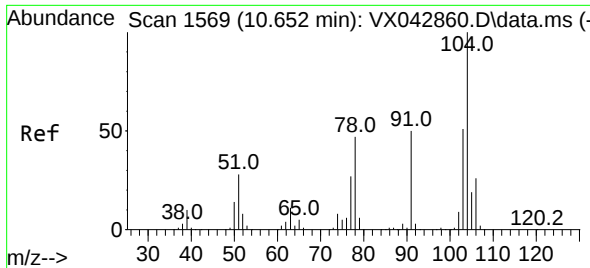


#68
o-Xylene
Concen: 147.053 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41



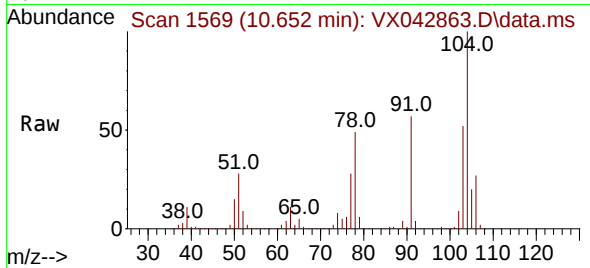
Tgt Ion:106 Resp: 705357
Ion Ratio Lower Upper
106 100
91 218.0 107.5 322.4





#69
Styrene
Concen: 148.531 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

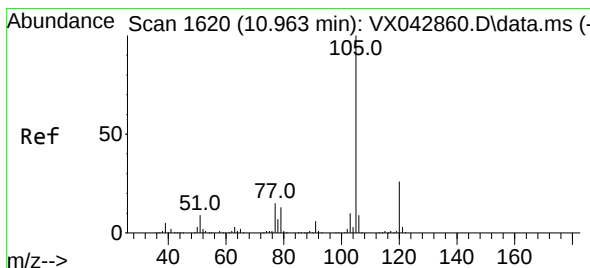
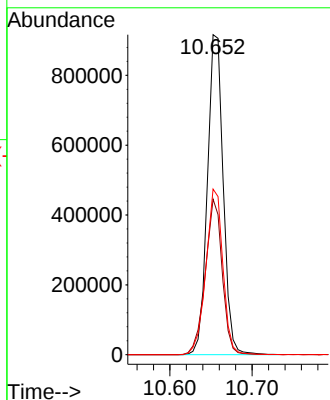
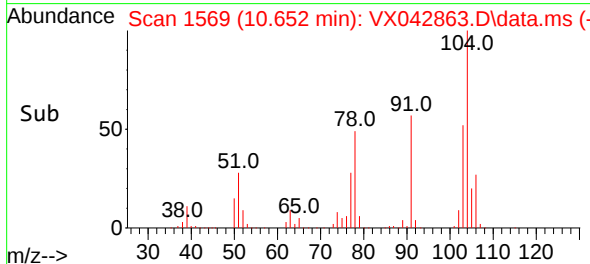
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



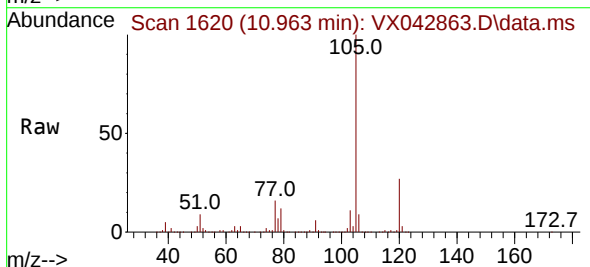
Tgt Ion:104 Resp: 1226789
Ion Ratio Lower Upper
104 100
78 51.8 41.1 61.7
103 55.6 44.2 66.2

Manual Integrations
APPROVED

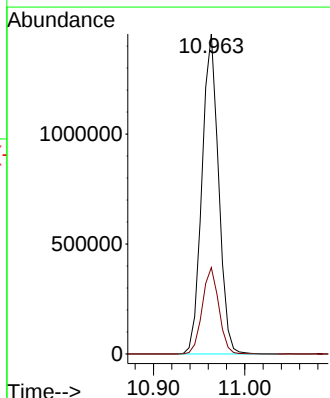
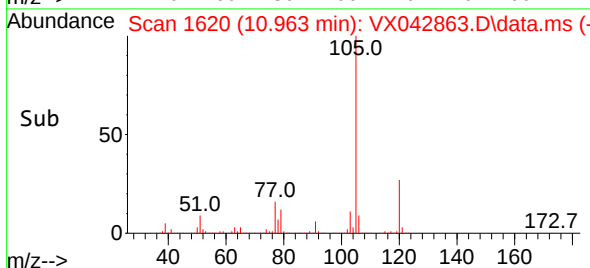
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

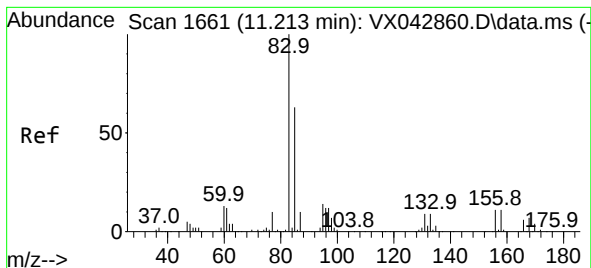


#70
Isopropylbenzene
Concen: 145.213 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41



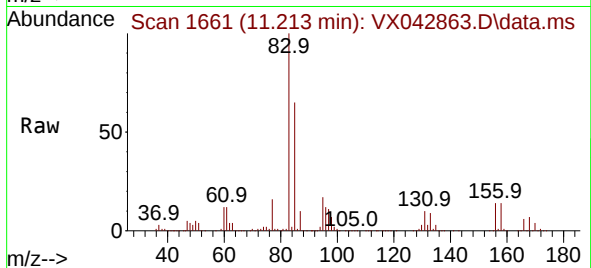
Tgt Ion:105 Resp: 1833208
Ion Ratio Lower Upper
105 100
120 26.7 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 150.306 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

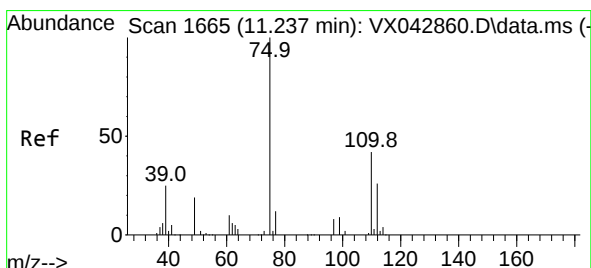
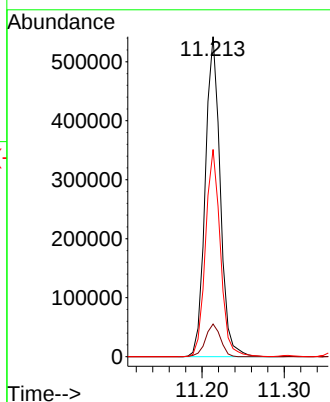
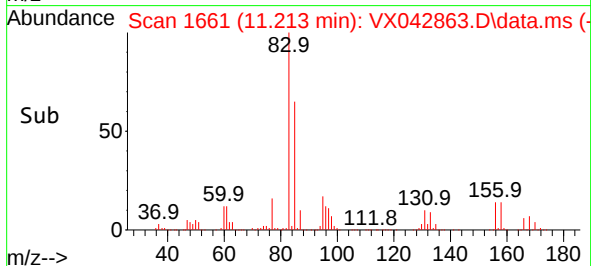
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



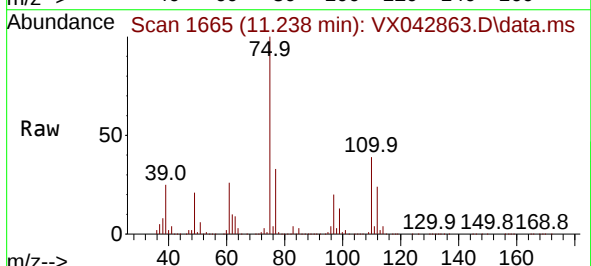
Tgt Ion: 83 Resp: 684362
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.7
85 64.4 32.0 96.2

Manual Integrations
APPROVED

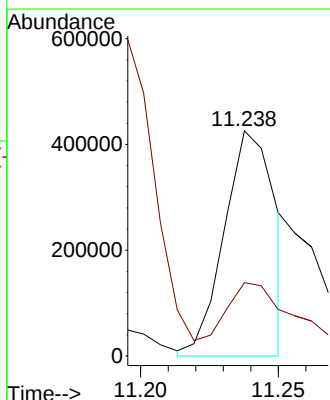
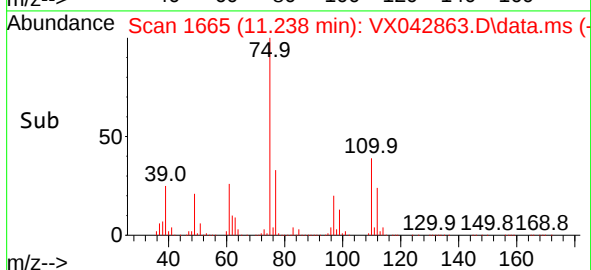
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

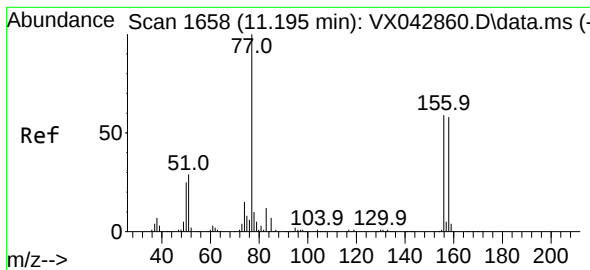


#72
1,2,3-Trichloropropane
Concen: 146.408 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41



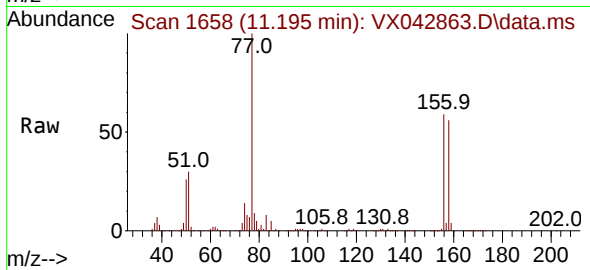
Tgt Ion: 75 Resp: 544522
Ion Ratio Lower Upper
75 100
77 46.2 0.0 89.6





#73
Bromobenzene
Concen: 147.374 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

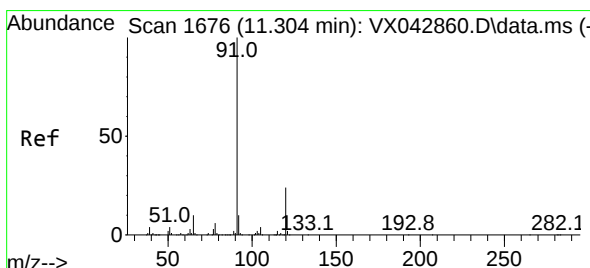
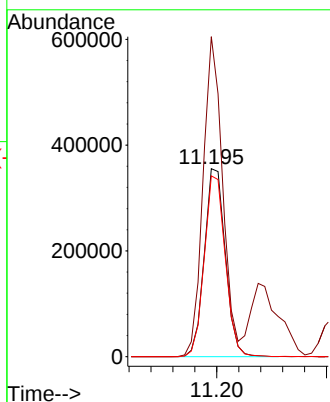
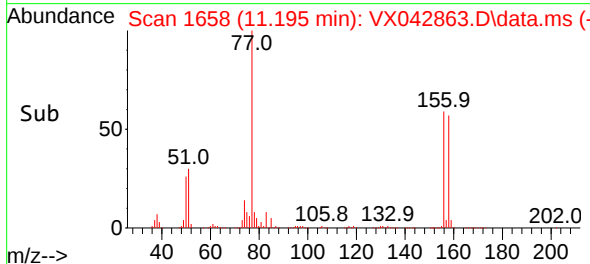
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



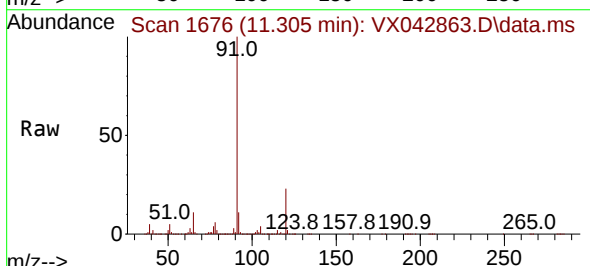
Tgt Ion:156 Resp: 472734
Ion Ratio Lower Upper
156 100
77 157.9 0.0 317.2
158 96.5 0.0 195.2

Manual Integrations
APPROVED

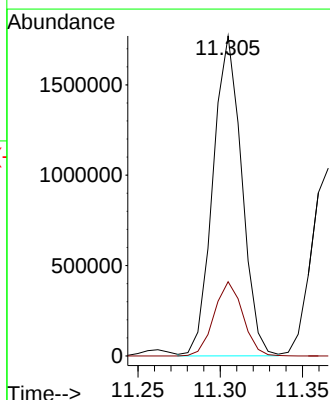
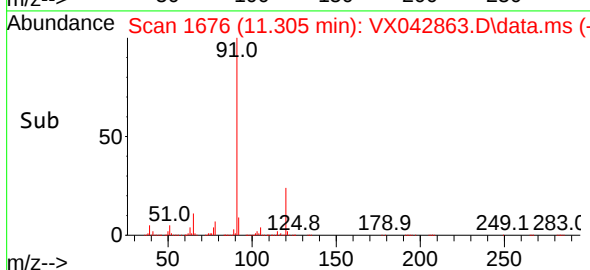
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

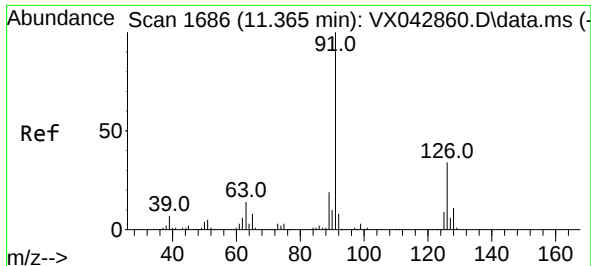


#74
n-propylbenzene
Concen: 145.906 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41



Tgt Ion: 91 Resp: 2154740
Ion Ratio Lower Upper
91 100
120 23.1 0.0 45.8





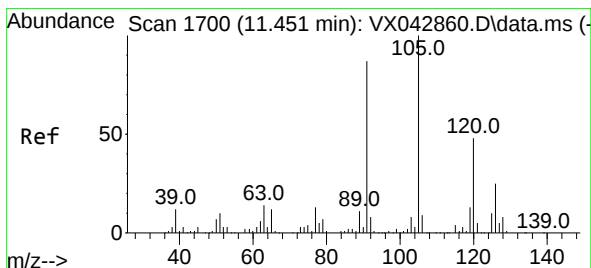
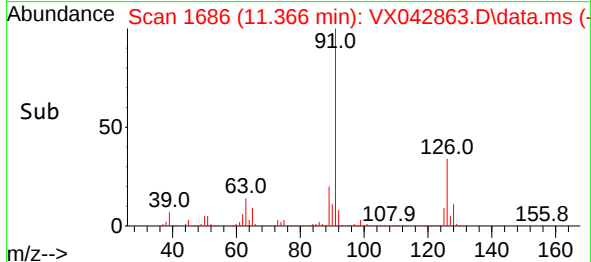
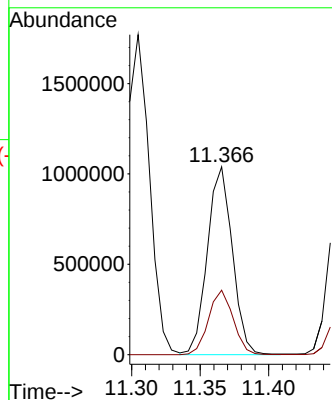
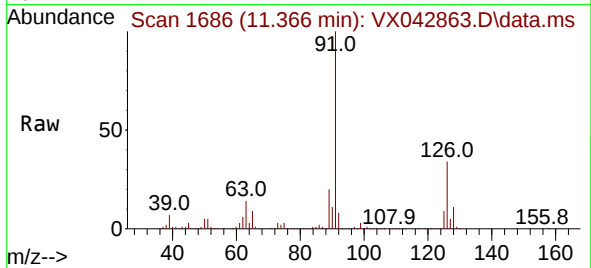
#75
2-Chlorotoluene
Concen: 146.379 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 131942
Ion Ratio Lower Upper
91 100
126 33.8 0.0 66.2

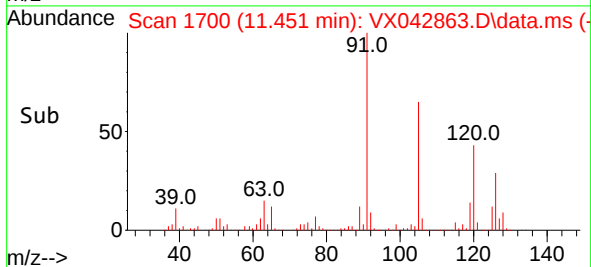
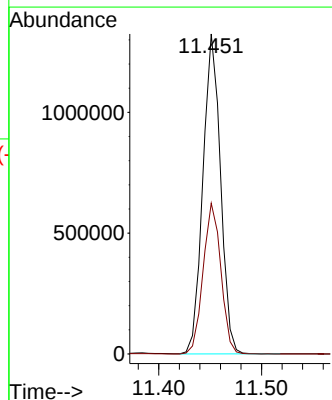
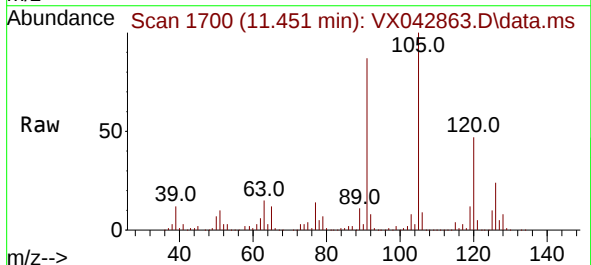
Manual Integrations
APPROVED

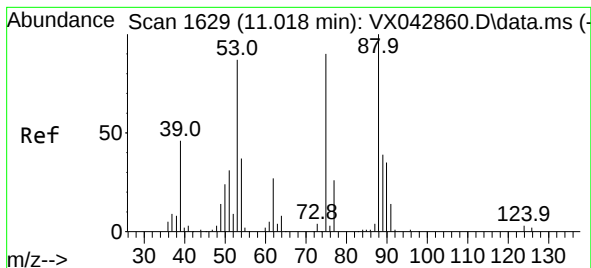
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#76
1,3,5-Trimethylbenzene
Concen: 147.358 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

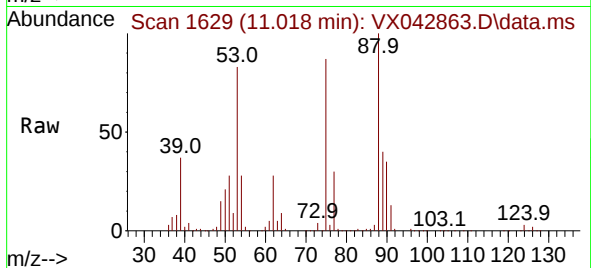
Tgt Ion:105 Resp: 1576728
Ion Ratio Lower Upper
105 100
120 47.6 0.0 94.8





#77
t-1,4-Dichloro-2-butene
Concen: 169.110 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

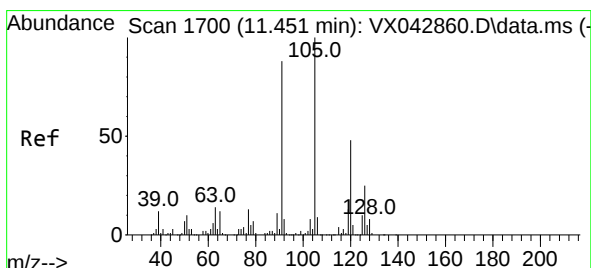
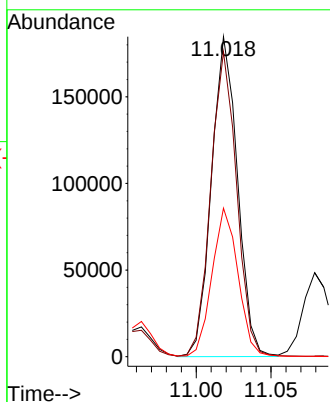
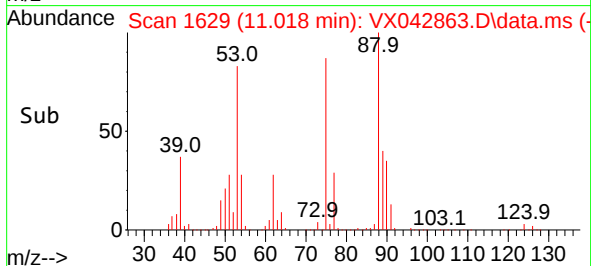
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 22362
Ion Ratio Lower Upper
75 100
53 95.2 48.5 145.5
89 46.3 21.9 65.5

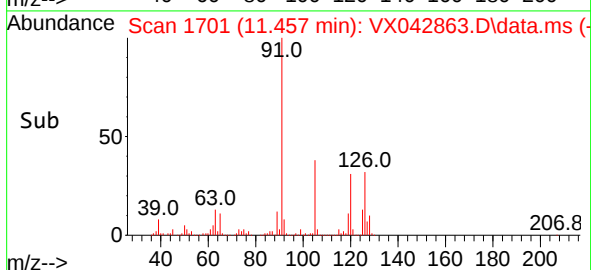
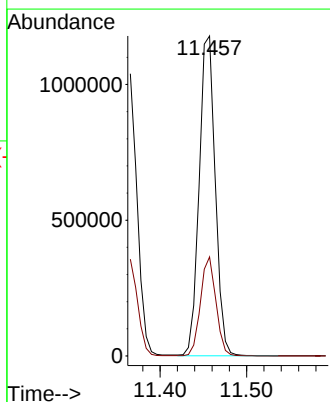
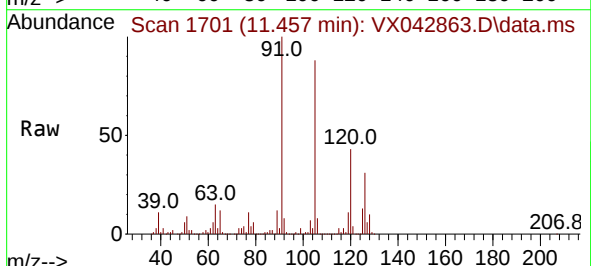
Manual Integrations
APPROVED

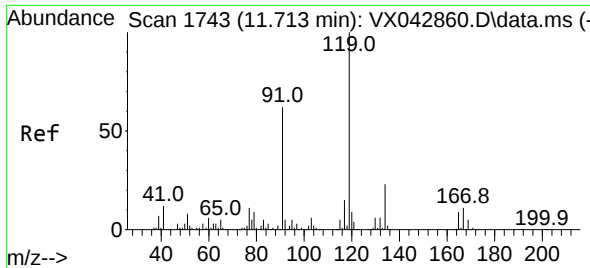
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#78
4-Chlorotoluene
Concen: 147.354 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion: 91 Resp: 1523277
Ion Ratio Lower Upper
91 100
126 29.7 0.0 59.4





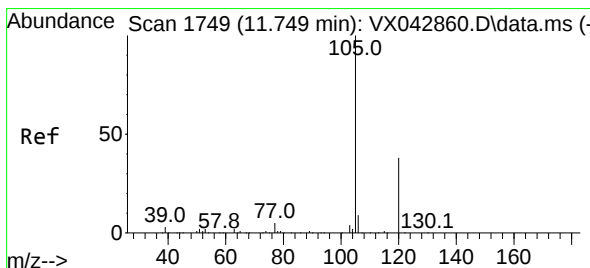
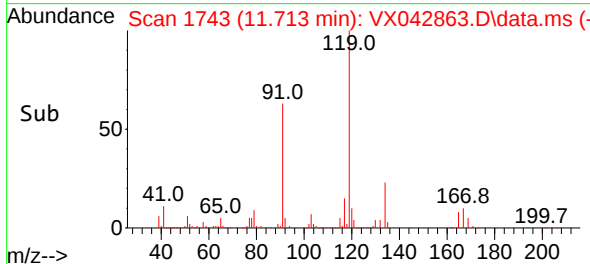
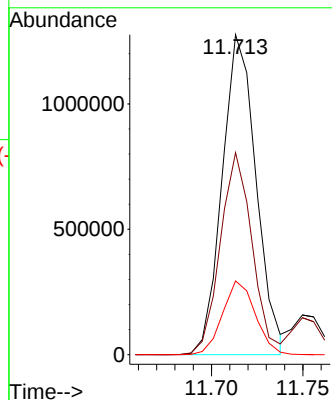
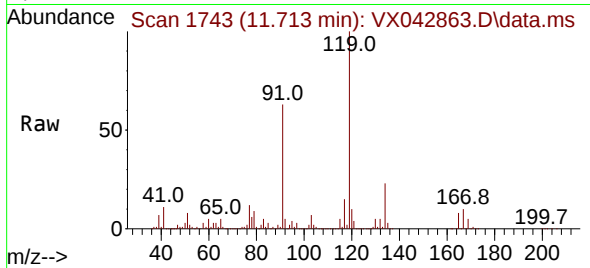
#79
tert-butylbenzene
Concen: 150.132 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 1648318
Ion Ratio Lower Upper
119 100
91 59.3 0.0 118.6
134 22.2 0.0 44.4

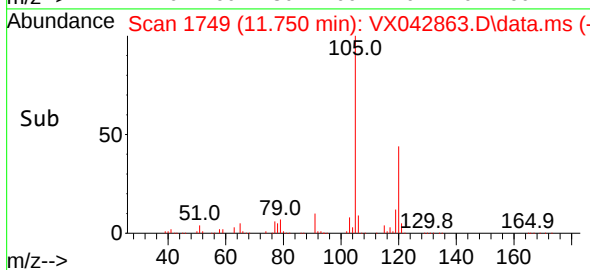
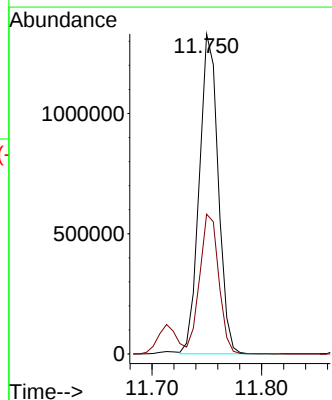
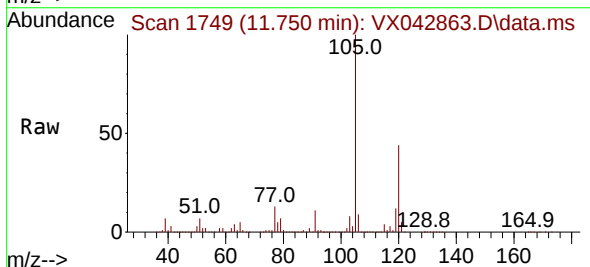
Manual Integrations
APPROVED

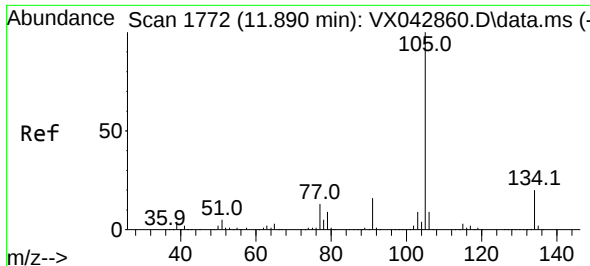
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#80
1,2,4-Trimethylbenzene
Concen: 151.031 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion:105 Resp: 1594320
Ion Ratio Lower Upper
105 100
120 44.1 0.0 87.8





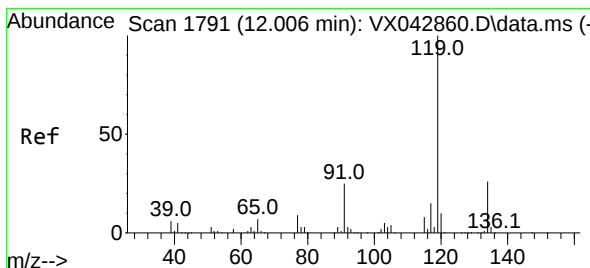
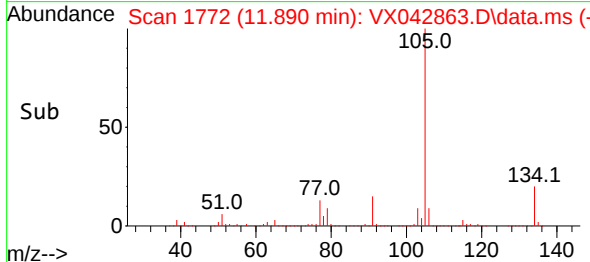
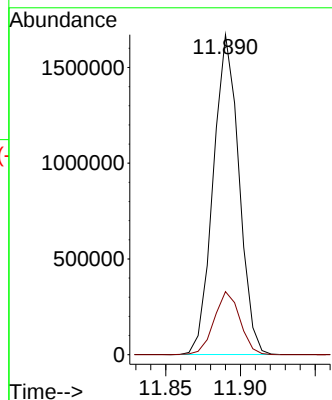
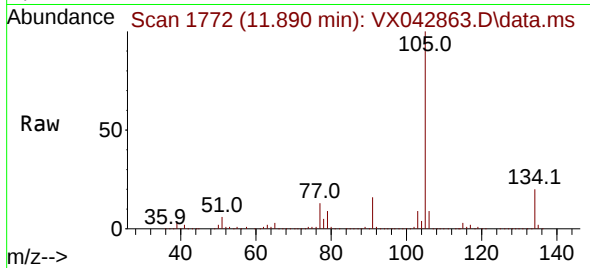
#81
 sec-Butylbenzene
 Concen: 148.605 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042863.D
 Acq: 06 Aug 2024 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 1999699
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 40.0

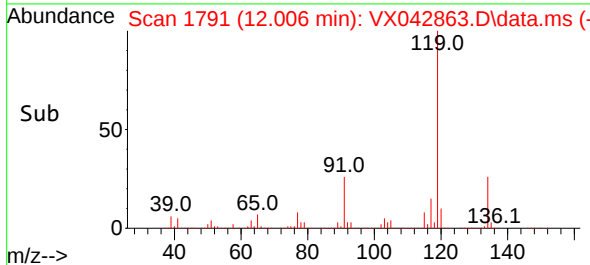
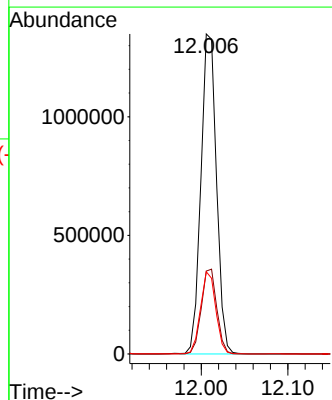
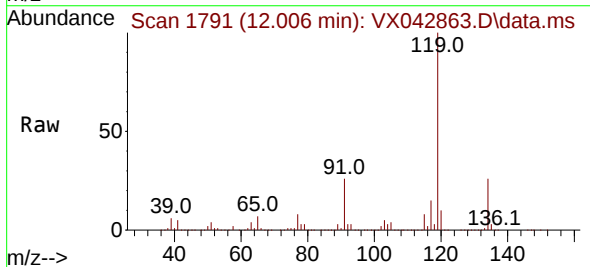
Manual Integrations
 APPROVED

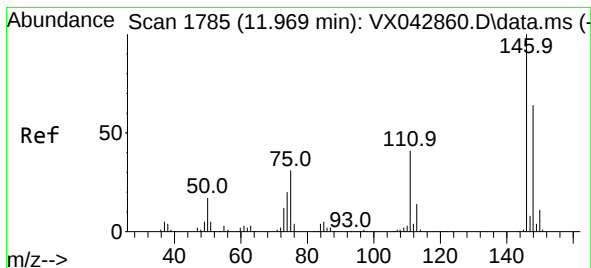
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024



#82
 p-Isopropyltoluene
 Concen: 149.809 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX042863.D
 Acq: 06 Aug 2024 11:41

Tgt Ion:119 Resp: 1688176
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 51.8
 91 25.0 0.0 48.4





#83

1,3-Dichlorobenzene

Concen: 149.532 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042863.D

Acq: 06 Aug 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 88284

Ion Ratio Lower Upper

146 100

111 41.7 20.3 61.0

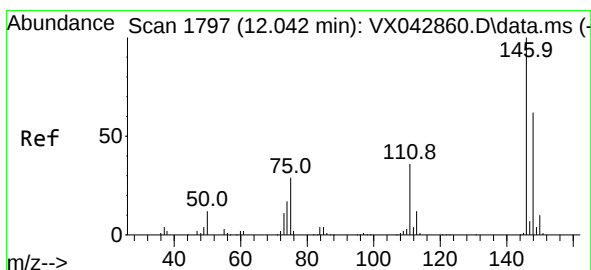
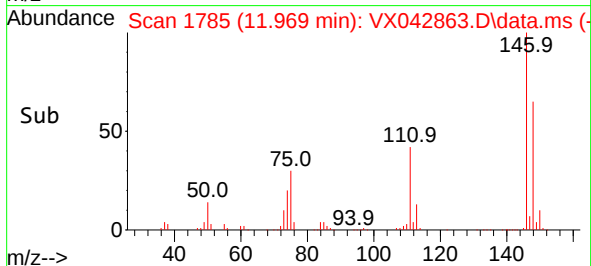
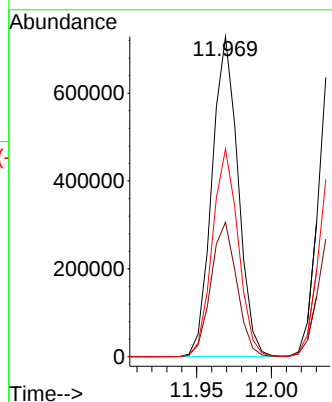
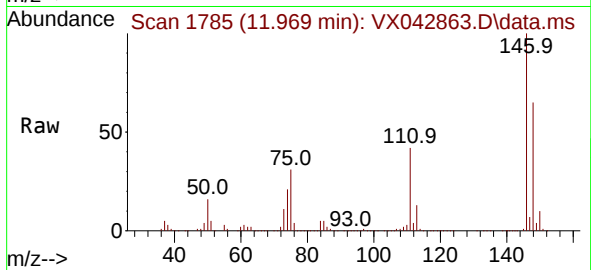
148 64.4 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#84

1,4-Dichlorobenzene

Concen: 148.762 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042863.D

Acq: 06 Aug 2024 11:41

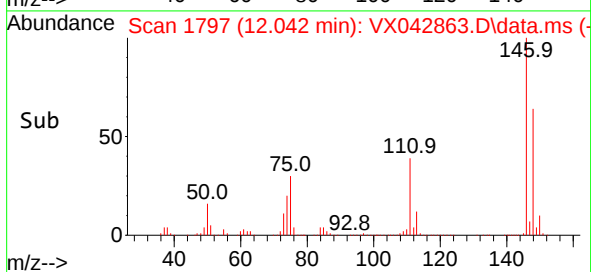
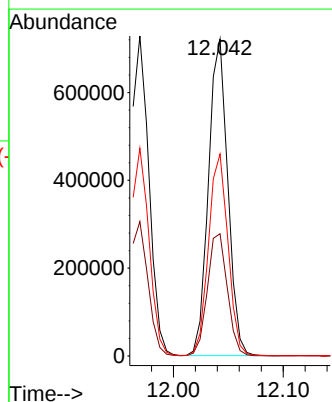
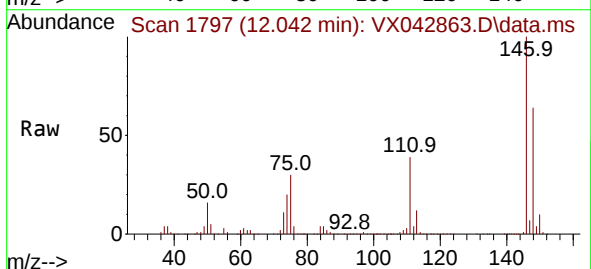
Tgt Ion:146 Resp: 883021

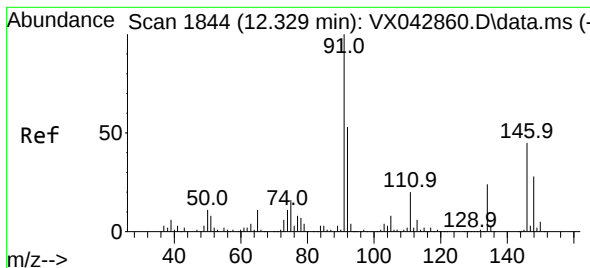
Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.4

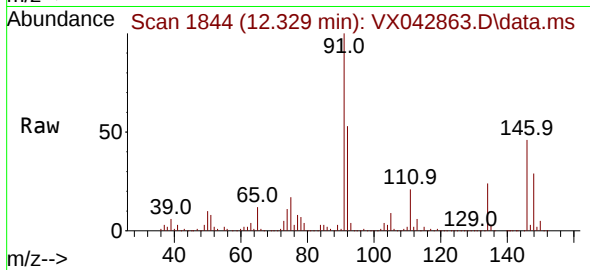
148 64.5 31.4 94.2





#85
n-Butylbenzene
Concen: 152.964 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

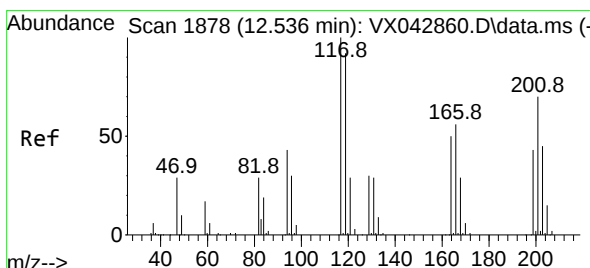
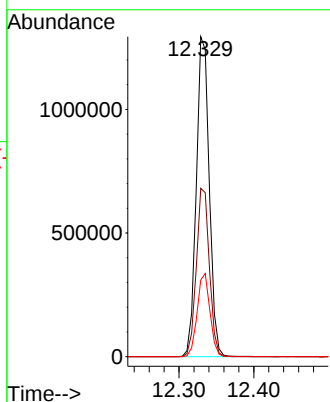
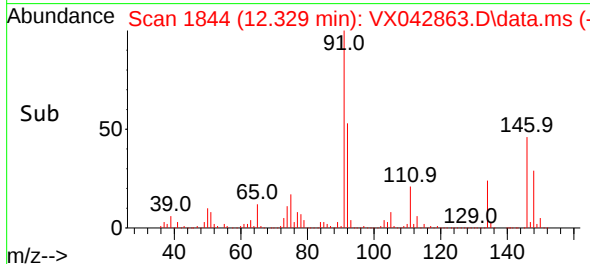
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 155362
Ion Ratio Lower Upper
91 100
92 53.0 0.0 106.4
134 25.6 0.0 50.6

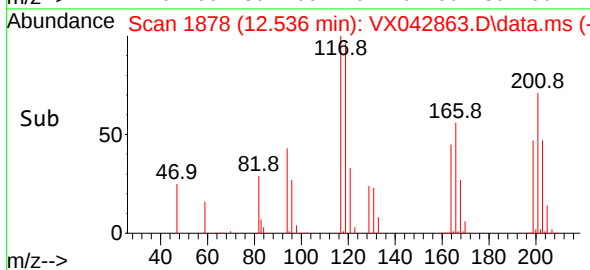
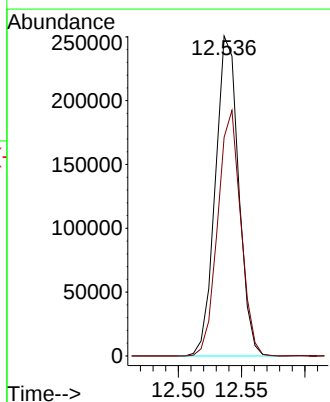
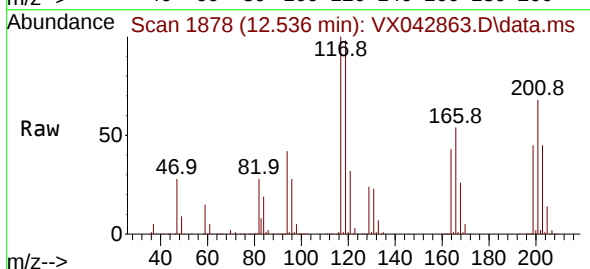
Manual Integrations
APPROVED

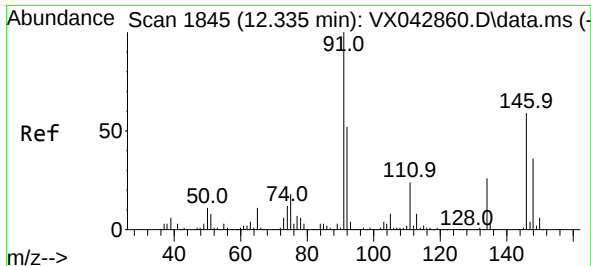
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#86
Hexachloroethane
Concen: 157.109 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

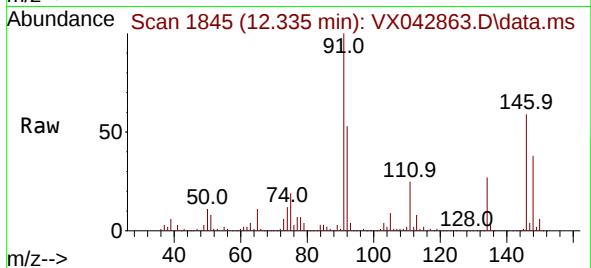
Tgt Ion:117 Resp: 319528
Ion Ratio Lower Upper
117 100
201 76.1 37.5 112.7





#87
1,2-Dichlorobenzene
Concen: 153.412 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

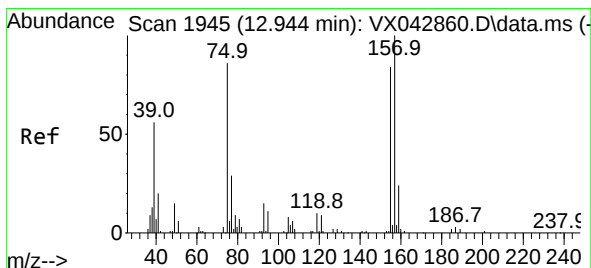
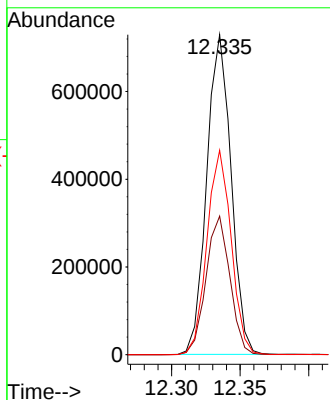
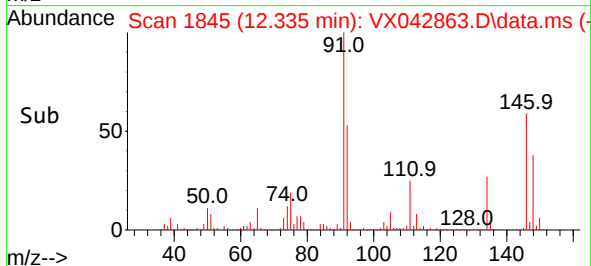
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



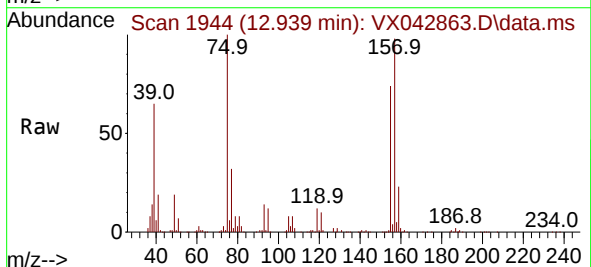
Tgt Ion:146 Resp: 902294
Ion Ratio Lower Upper
146 100
111 42.7 21.0 63.0
148 63.7 30.8 92.4

Manual Integrations
APPROVED

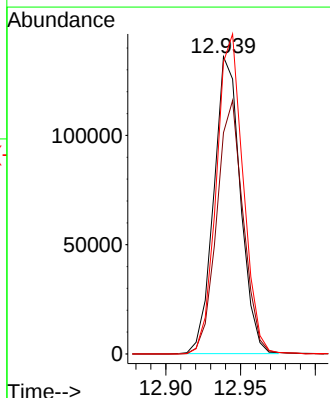
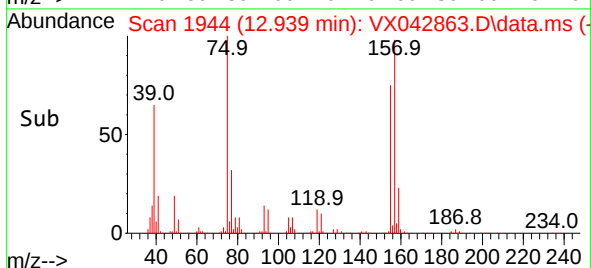
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

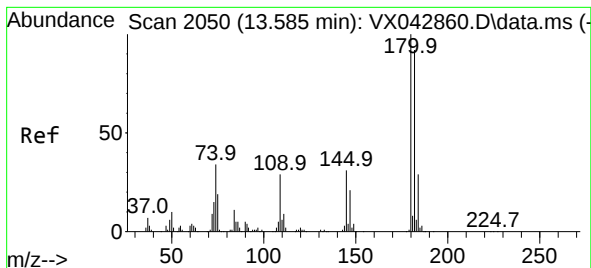


#88
1,2-Dibromo-3-Chloropropane
Concen: 163.560 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41



Tgt Ion: 75 Resp: 168237
Ion Ratio Lower Upper
75 100
155 85.1 68.7 103.1
157 108.1 86.7 130.1





#89

1,2,4-Trichlorobenzene

Concen: 157.568 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042863.D

Acq: 06 Aug 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 602928

Ion Ratio Lower Upper

180 100

182 94.1 73.1 109.7

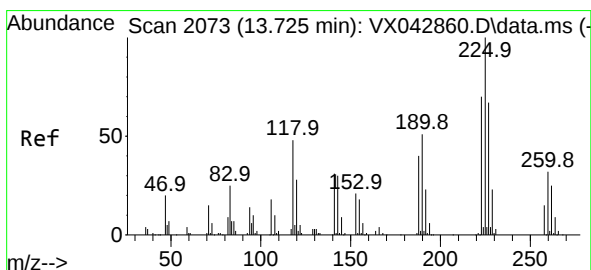
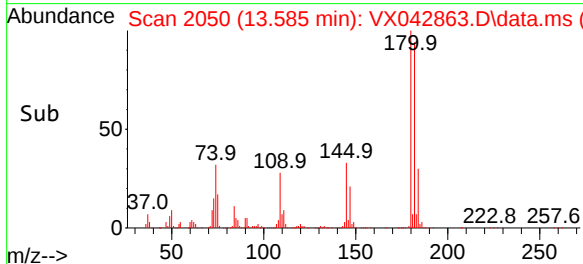
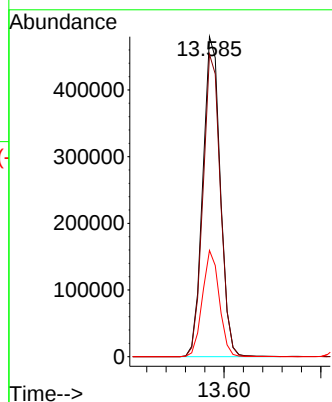
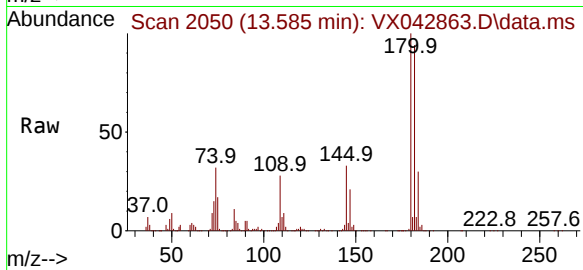
145 32.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#90

Hexachlorobutadiene

Concen: 151.687 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX042863.D

Acq: 06 Aug 2024 11:41

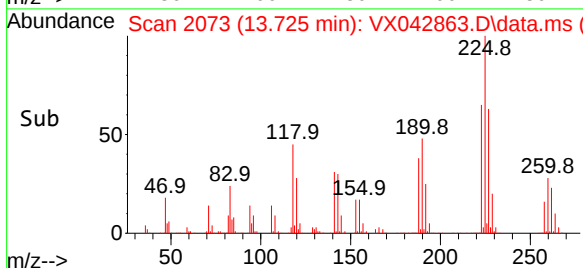
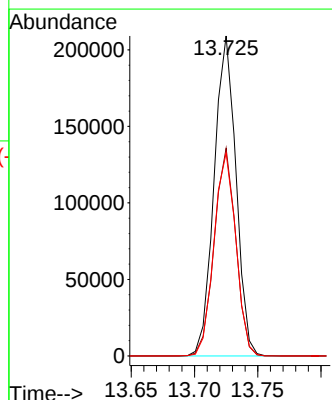
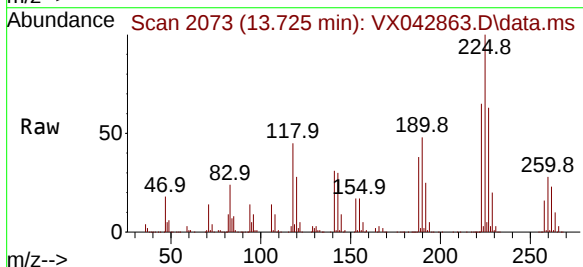
Tgt Ion:225 Resp: 250827

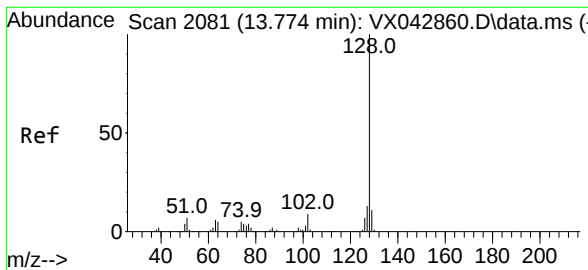
Ion Ratio Lower Upper

225 100

223 63.8 0.0 135.0

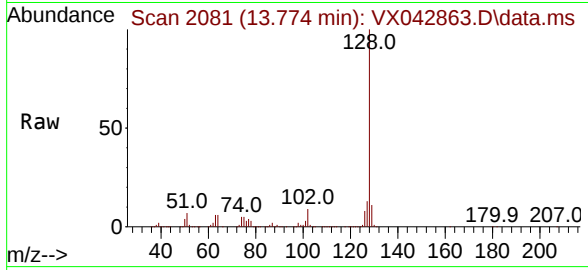
227 63.4 0.0 130.4





#91
Naphthalene
Concen: 163.095 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

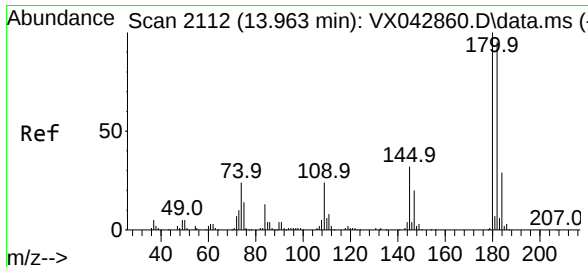
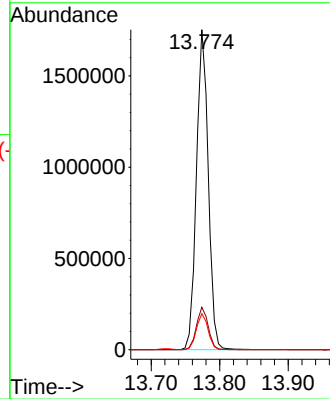
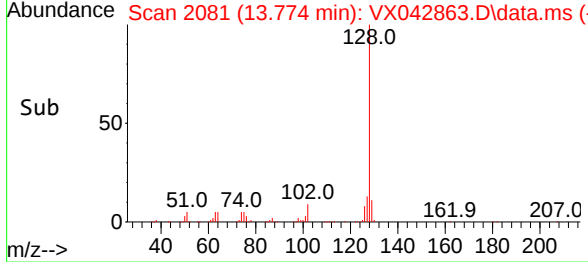
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 210085
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#92
1,2,3-Trichlorobenzene
Concen: 156.620 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042863.D
Acq: 06 Aug 2024 11:41

Tgt Ion:180 Resp: 605211
Ion Ratio Lower Upper
180 100
182 96.2 0.0 185.8
145 33.5 0.0 65.2

