

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
 Data File : VX042862.D
 Acq On : 06 Aug 2024 11:17
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Aug 07 04:27:27 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	4.904	128	36186	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	236268	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	216146	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	101252	30.406	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.367%			
60) 4-Bromofluorobenzene	11.079	95	105352	29.876	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.600%			
63) Toluene-d8	8.647	98	290757	29.780	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.267%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	228391	107.678	ug/l	97
3) Chloromethane	1.301	50	210344	108.052	ug/l	97
4) Vinyl Chloride	1.374	62	219370	105.547	ug/l	98
5) Bromomethane	1.593	94	134844	106.442	ug/l	95
6) Chloroethane	1.666	64	123306	99.727	ug/l	100
7) Trichlorofluoromethane	1.868	101	318802	96.165	ug/l	98
8) Diethyl Ether	2.136	74	144006	110.563	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	242654	107.378	ug/l	99
10) 1,1-Dichloroethene	2.313	96	221090	102.428	ug/l	98
11) Methyl Iodide	2.441	142	241455	121.624	ug/l	99
12) Methyl Acetate	2.709	43	551112	116.827	ug/l	100
13) Acrolein	2.239	56	65689m	490.473	ug/l	
14) Acrylonitrile	3.075	53	798322	556.704	ug/l	100
15) Acetone	2.392	58	208716	448.563	ug/l	93
16) Carbon Disulfide	2.502	76	460195	102.451	ug/l	99
17) Allyl chloride	2.660	41	363332	104.005	ug/l	98
18) Methylene Chloride	2.788	84	265026	105.879	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	230166	104.710	ug/l	99
20) Diisopropyl ether	3.770	45	836321	109.624	ug/l #	85
21) 1,1-Dichloroethane	3.605	63	475991	109.709	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	299343	108.535	ug/l	99
23) tert-Butyl Alcohol	2.995	59	338600	511.976	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	859281	110.007	ug/l	100
25) Chloroform	5.093	83	510586	108.768	ug/l	95
26) Cyclohexane	5.465	56	360926	105.448	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	319108	104.805	ug/l	99
30) 2-Butanone	4.568	43	1120019	499.515	ug/l	99
31) 2,2-Dichloropropane	4.471	77	378405	106.360	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	445539	105.677	ug/l	100
33) Carbon Tetrachloride	5.678	117	383112	106.248	ug/l	99
34) Benzene	6.038	78	1018161	104.449	ug/l	99
35) Methacrylonitrile	4.928	41	228110	106.893	ug/l	95
36) 1,2-Dichloroethane	6.086	62	380451	105.753	ug/l	100
37) Trichloroethene	7.123	130	252479	102.309	ug/l	96
38) Methylcyclohexane	7.379	83	387179	102.606	ug/l	99
39) 1,2-Dichloropropane	7.428	63	262854	105.777	ug/l	98
40) Dibromomethane	7.580	93	197709	105.373	ug/l	99
41) Bromodichloromethane	7.824	83	397331	106.791	ug/l	100
42) Vinyl Acetate	3.727	43	3447897	525.771	ug/l	99

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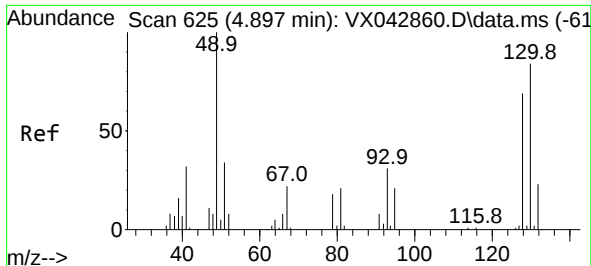
Manual Integrations
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 Supervised By : Mahesh Dadoda 08/08/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	401495	105.265	ug/l	98
44) Isopropyl Acetate	6.348	43	648213	107.077	ug/l	99
45) 1,4-Dioxane	7.665	88	138719	2251.306	ug/l #	92
46) Methyl methacrylate	7.696	41	328273	109.120	ug/l	98
47) n-amyl Acetate	10.842	43	570145	110.097	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	387789	108.723	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	417374	108.053	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	271421	106.064	ug/l	99
51) Ethyl methacrylate	9.116	69	460187	109.903	ug/l	99
52) 1,3-Dichloropropane	9.311	76	433758	103.288	ug/l	100
53) Dibromochloromethane	9.525	129	319452	107.267	ug/l	99
54) 1,2-Dibromoethane	9.610	107	280963	105.569	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	1053161	544.648	ug/l	99
56) Bromoform	10.799	173	237524	111.264	ug/l	97
58) 4-Methyl-2-Pentanone	8.580	43	2183735	536.494	ug/l	99
59) 2-Hexanone	9.433	43	1682981	523.112	ug/l	98
61) Tetrachloroethene	9.275	164	220518	102.760	ug/l	98
62) Toluene	8.720	91	1101511	104.048	ug/l	99
64) Chlorobenzene	10.080	112	717627	105.912	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	266090	108.180	ug/l	99
66) Ethyl Benzene	10.195	91	1260092	107.090	ug/l	96
67) m/p-Xylenes	10.299	106	952951	214.207	ug/l	99
68) o-Xylene	10.640	106	469506	107.060	ug/l	97
69) Styrene	10.653	104	820936	108.711	ug/l	100
70) Isopropylbenzene	10.964	105	1240883	107.509	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	449721	108.032	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	360413m	105.991	ug/l	
73) Bromobenzene	11.201	156	310450	105.856	ug/l	99
74) n-propylbenzene	11.305	91	1446773	107.152	ug/l	100
75) 2-Chlorotoluene	11.366	91	882222	107.052	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	1057048	108.051	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	141717	117.218	ug/l	97
78) 4-Chlorotoluene	11.451	91	1012640	107.141	ug/l	100
79) tert-butylbenzene	11.713	119	1095745	109.159	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	1064387	110.283	ug/l	99
81) sec-Butylbenzene	11.890	105	1326243	107.798	ug/l	100
82) p-Isopropyltoluene	12.006	119	1127720	109.456	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	586919	108.730	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	578834	106.658	ug/l	99
85) n-Butylbenzene	12.329	91	1015508	109.357	ug/l	100
86) Hexachloroethane	12.536	117	205101	110.301	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	584522	108.700	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	105791	112.493	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	381626	109.083	ug/l	97
90) Hexachlorobutadiene	13.725	225	162786	107.674	ug/l	95
91) Naphthalene	13.774	128	1329876	112.921	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	385609	109.146	ug/l	97

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



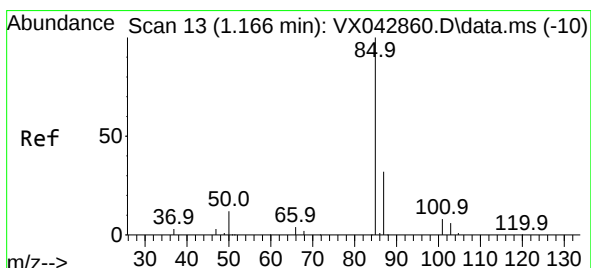
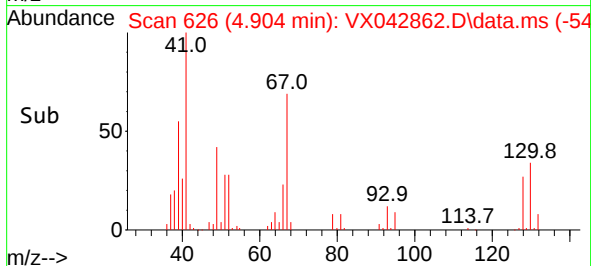
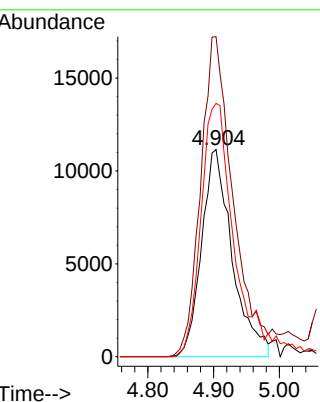
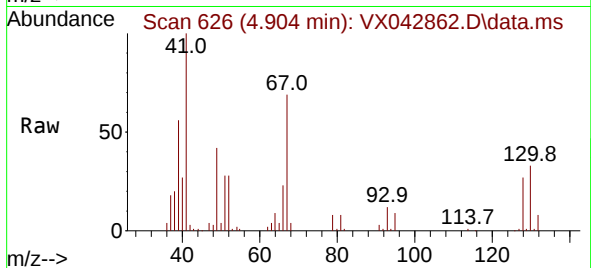
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 36180
Ion Ratio Lower Upper
128 100
49 162.9 0.0 400.5
130 122.6 0.0 333.0

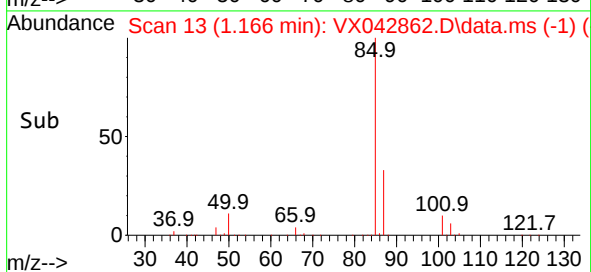
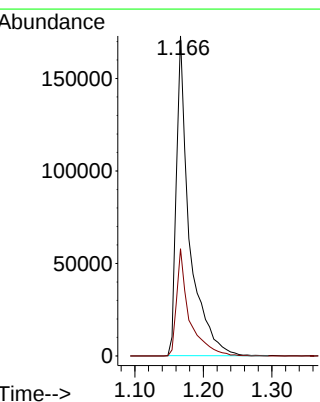
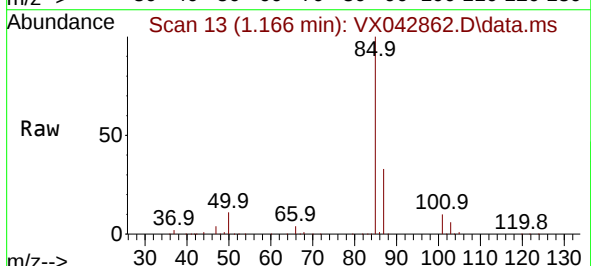
Manual Integrations
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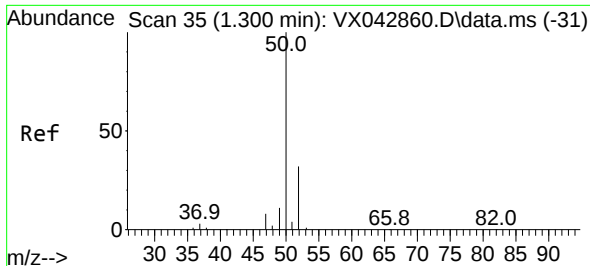
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#2
Dichlorodifluoromethane
Concen: 107.678 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

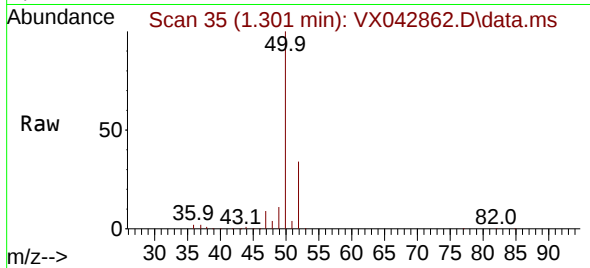
Tgt Ion: 85 Resp: 228391
Ion Ratio Lower Upper
85 100
87 33.5 16.0 48.0





#3
Chloromethane
Concen: 108.052 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

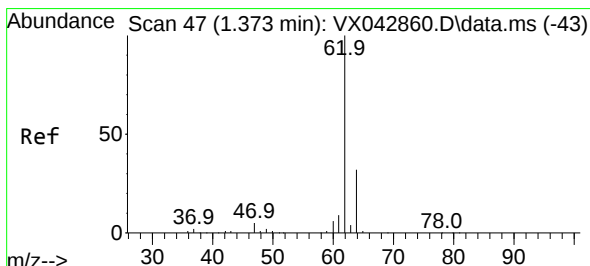
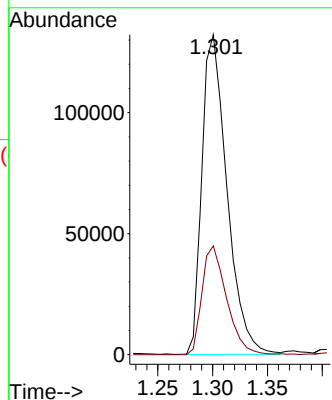
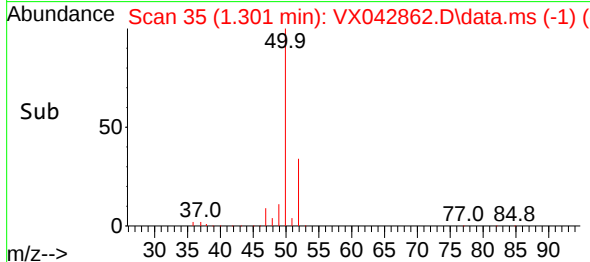
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 50 Resp: 210344
Ion Ratio Lower Upper
50 100
52 34.0 26.0 39.0

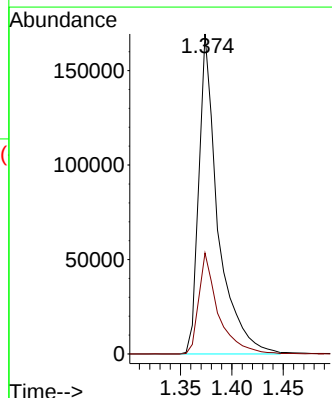
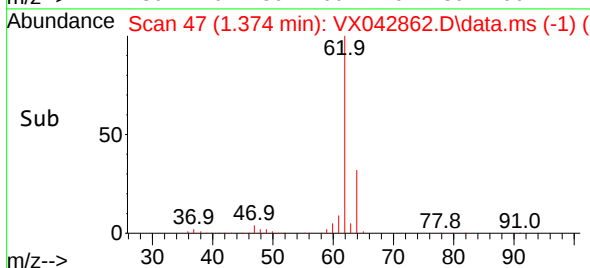
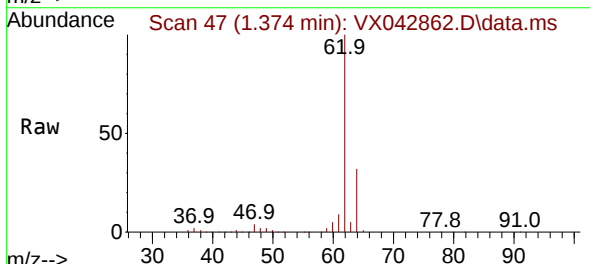
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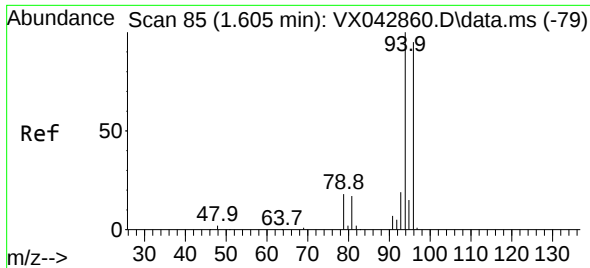
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#4
Vinyl Chloride
Concen: 105.547 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Tgt Ion: 62 Resp: 219370
Ion Ratio Lower Upper
62 100
64 31.6 26.3 39.5





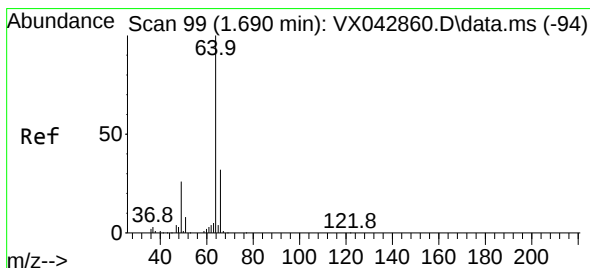
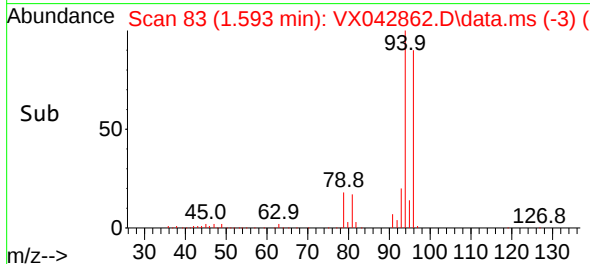
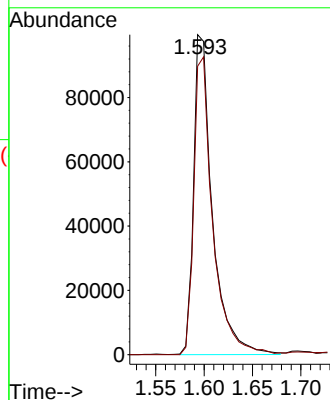
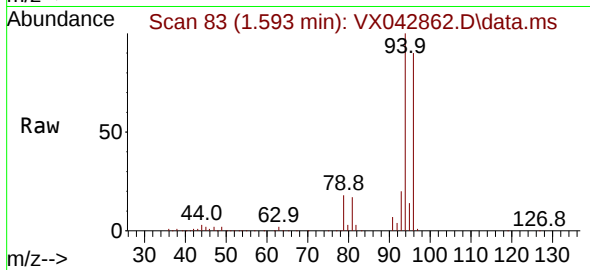
#5
Bromomethane
Concen: 106.442 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 134844
Ion Ratio Lower Upper
94 100
96 90.3 76.2 114.4

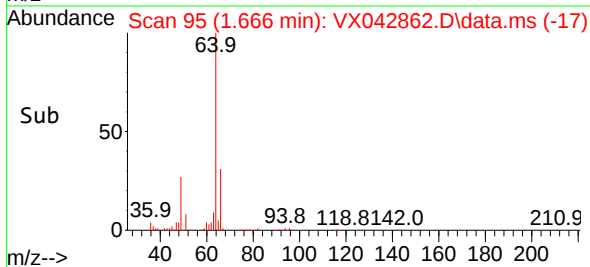
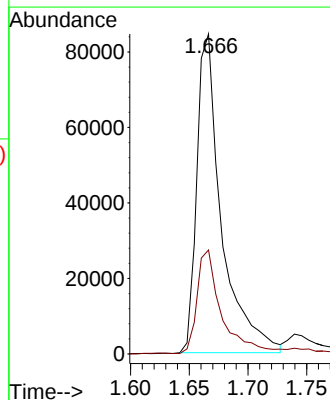
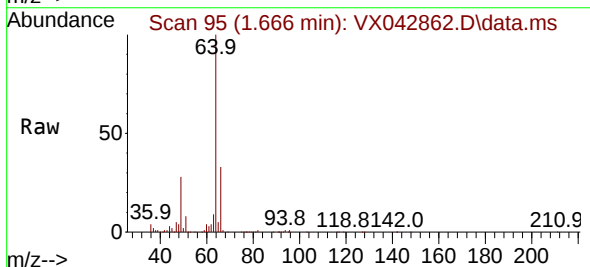
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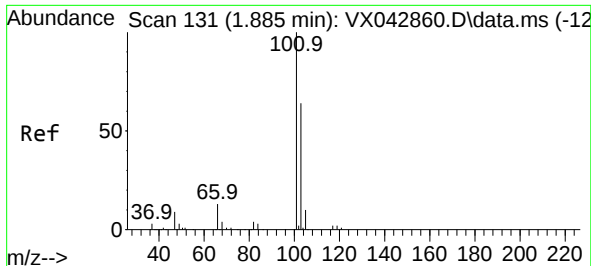
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#6
Chloroethane
Concen: 99.727 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.024 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

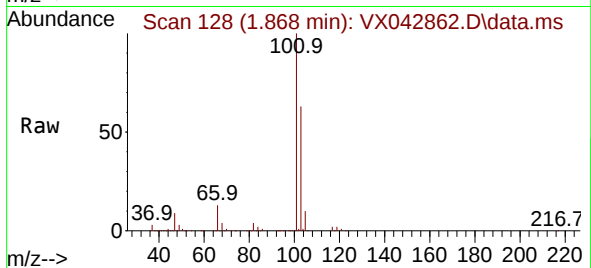
Tgt Ion: 64 Resp: 123306
Ion Ratio Lower Upper
64 100
66 32.5 25.9 38.9





#7
Trichlorofluoromethane
Concen: 96.165 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

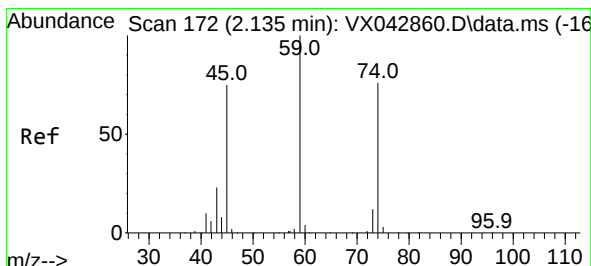
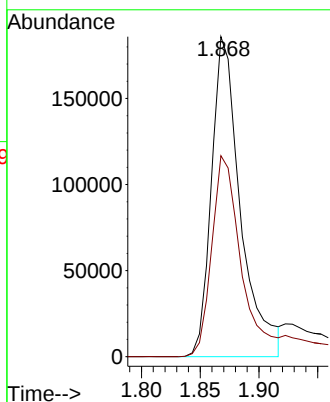
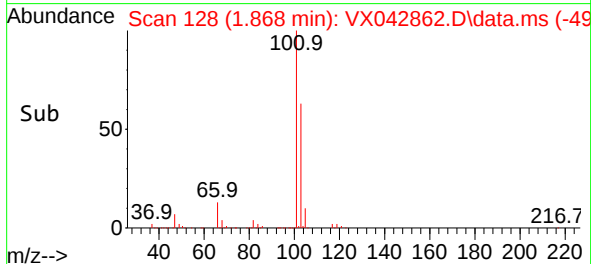
Instrument :
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Tgt Ion:101 Resp: 31880
Ion Ratio Lower Upper
101 100
103 62.8 51.5 77.3

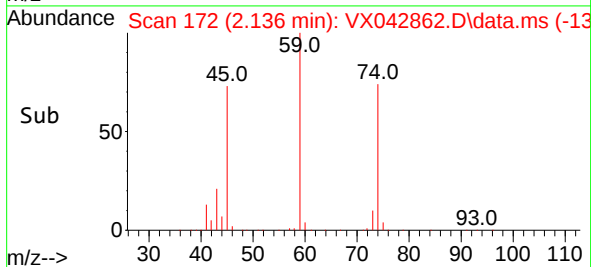
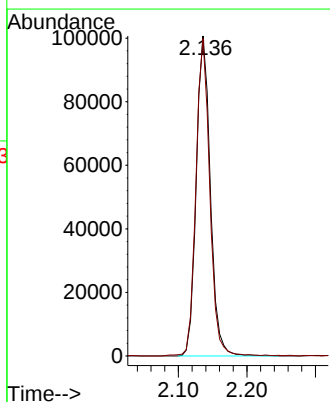
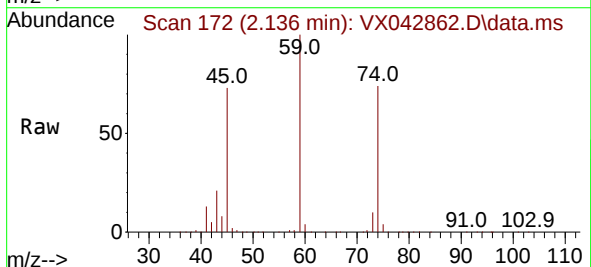
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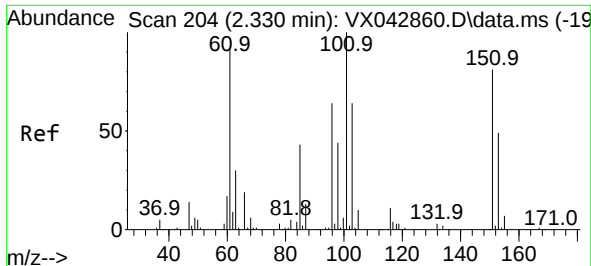
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#8
Diethyl Ether
Concen: 110.563 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Tgt Ion: 74 Resp: 144006
Ion Ratio Lower Upper
74 100
45 97.5 20.3 182.3





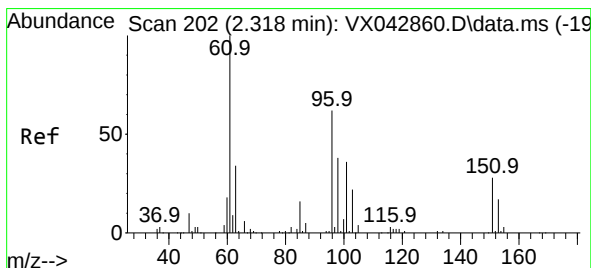
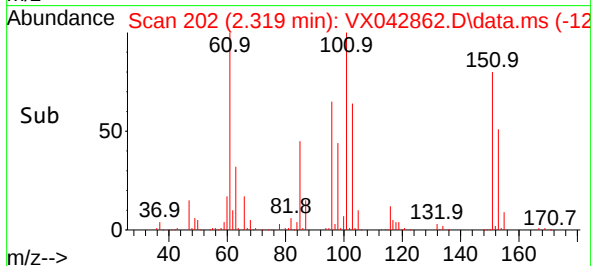
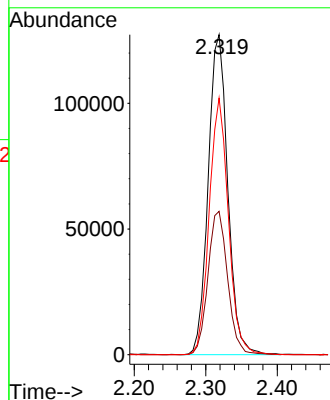
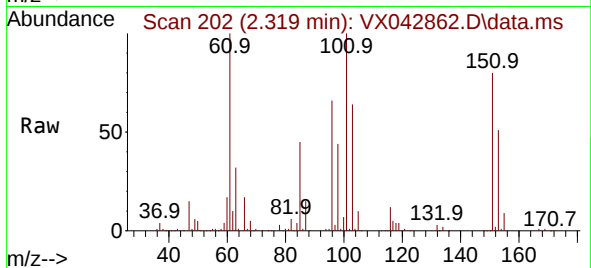
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1,1,2-Trichlorotrifluoroethane
Concen: 107.378 ug/l
RT: 2.319 min Scan# 201
Delta R.T. -0.012 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 242654
Ion Ratio Lower Upper
101 100
85 45.0 0.0 88.6
151 78.6 0.0 157.6

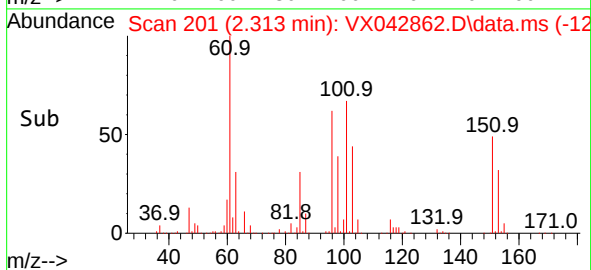
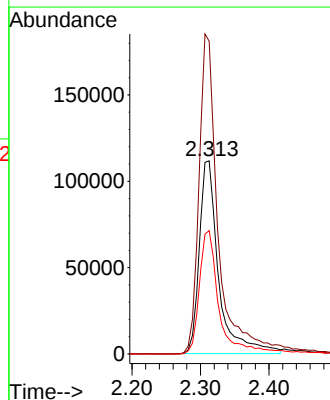
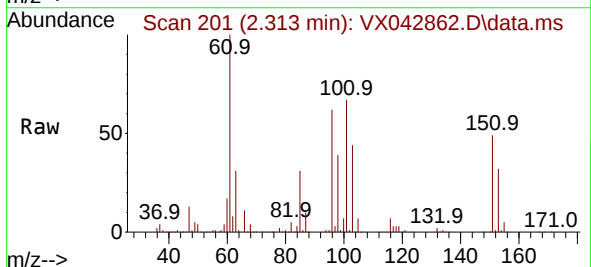
Manual Integrations
APPROVED

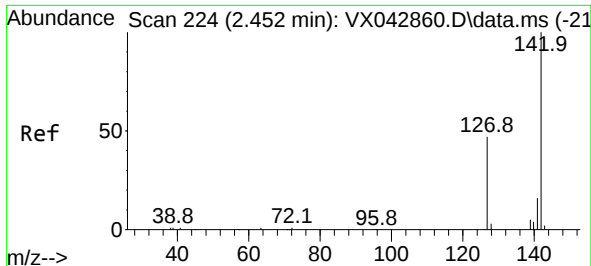
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#10
1,1-Dichloroethene
Concen: 102.428 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

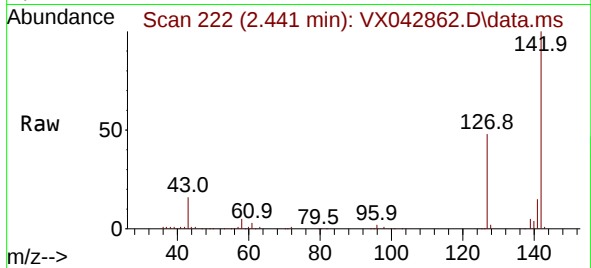
Tgt Ion: 96 Resp: 221090
Ion Ratio Lower Upper
96 100
61 162.3 129.2 193.8
98 64.0 48.6 72.8





#11
Methyl Iodide
Concen: 121.624 ug/l
RT: 2.441 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

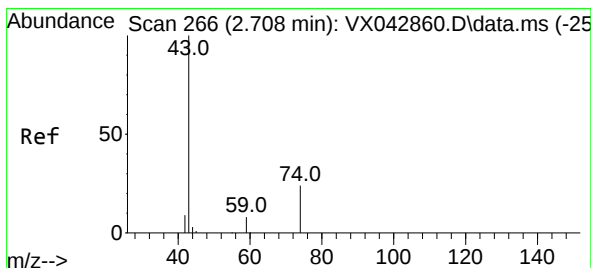
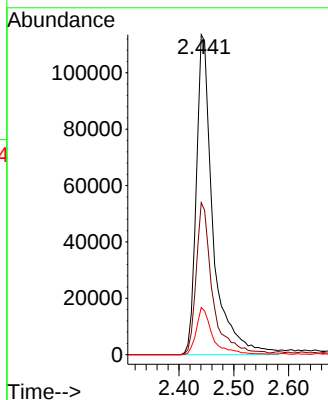
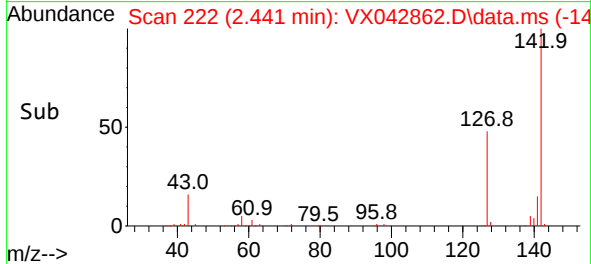
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 241458
Ion Ratio Lower Upper
142 100
127 47.3 23.6 71.0
141 14.7 8.0 23.8

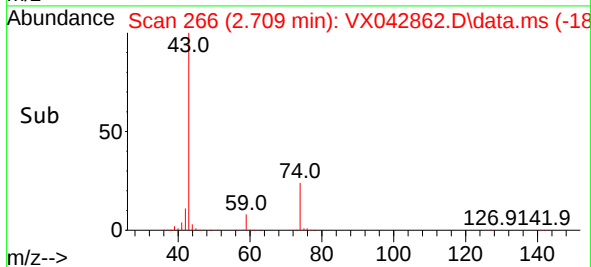
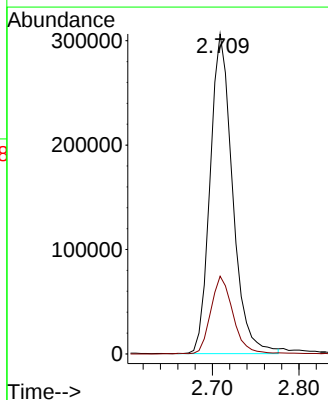
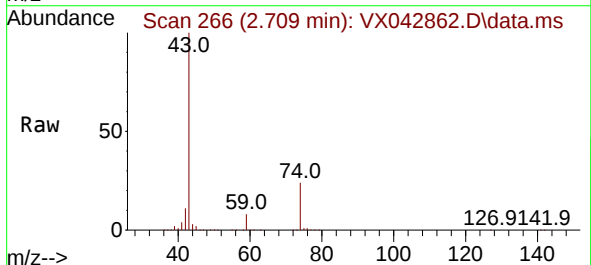
Manual Integrations
APPROVED

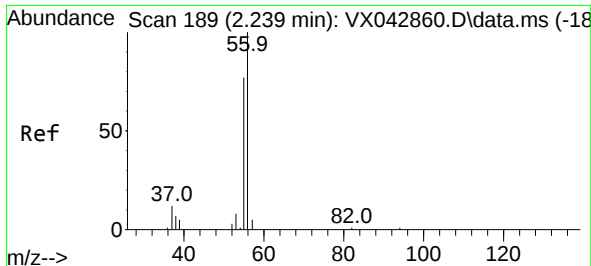
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#12
Methyl Acetate
Concen: 116.827 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

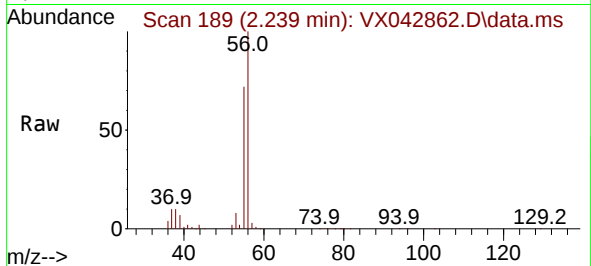
Tgt Ion: 43 Resp: 551112
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.2





#13
Acrolein
Concen: 490.473 ug/l m
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

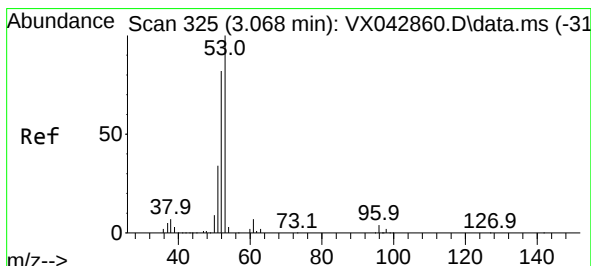
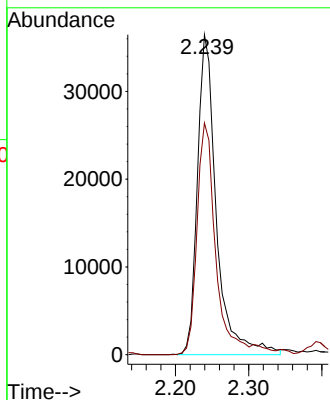
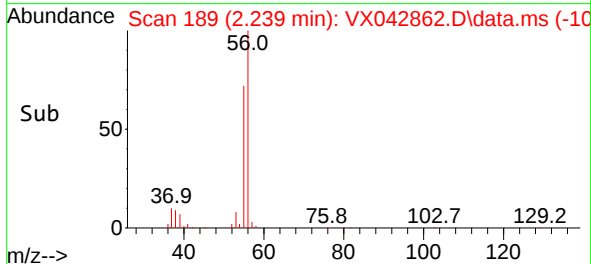
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 65689
Ion Ratio Lower Upper
56 100
55 70.1 60.6 90.8

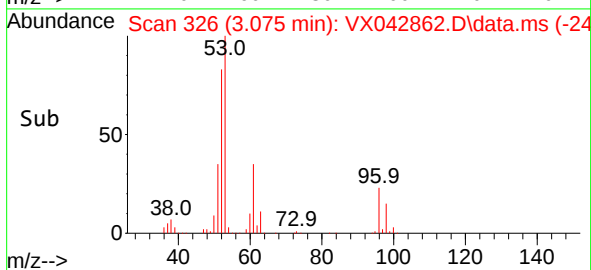
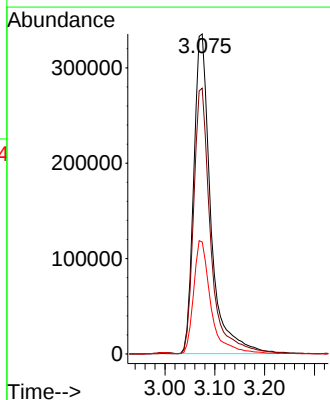
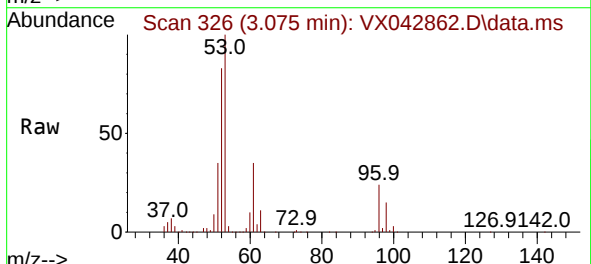
Manual Integrations
APPROVED

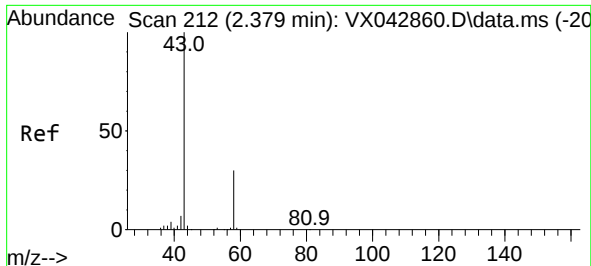
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#14
Acrylonitrile
Concen: 556.704 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.007 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Tgt Ion: 53 Resp: 798322
Ion Ratio Lower Upper
53 100
52 82.6 41.2 123.6
51 35.6 17.9 53.8





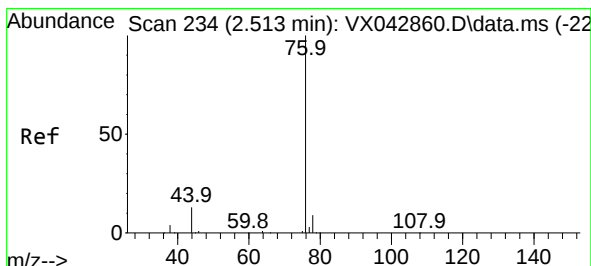
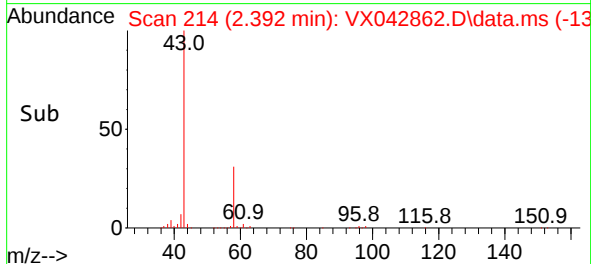
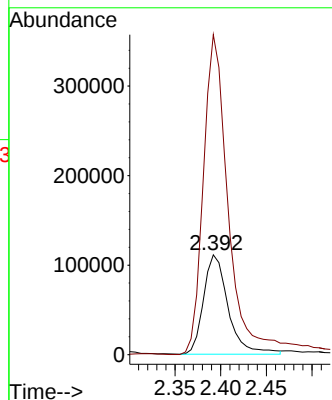
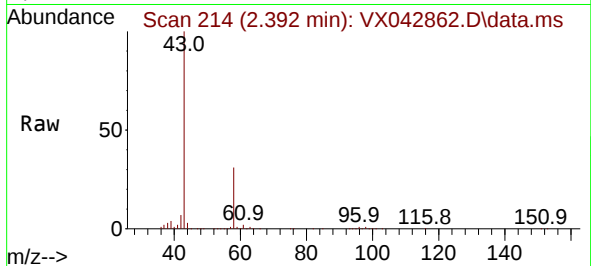
#15
Acetone
Concen: 448.563 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.013 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 58 Resp: 208710
Ion Ratio Lower Upper
58 100
43 321.8 269.9 404.9

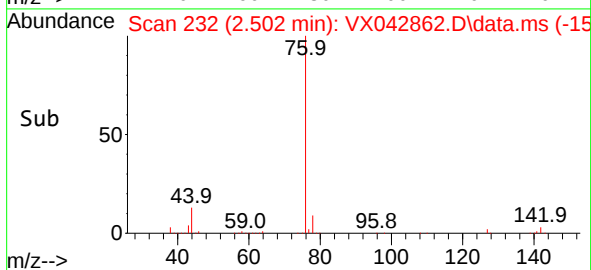
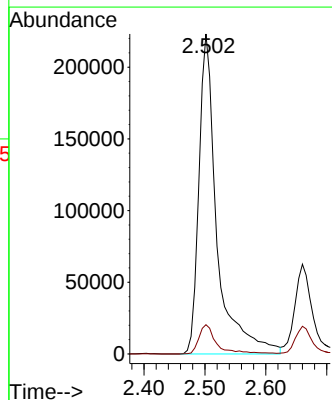
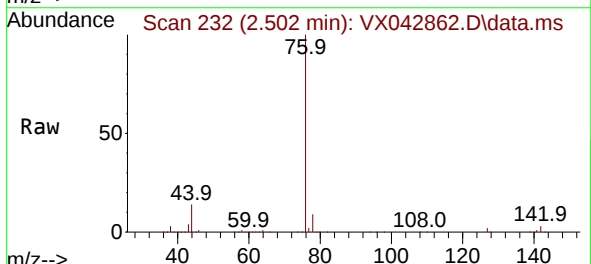
Manual Integrations
APPROVED

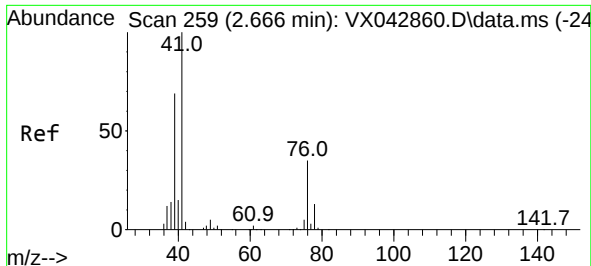
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#16
Carbon Disulfide
Concen: 102.451 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.012 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

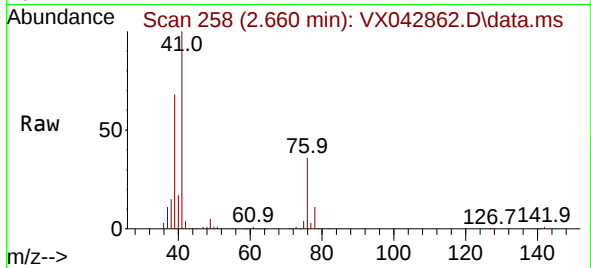
Tgt Ion: 76 Resp: 460195
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7





#17
 Allyl chloride
 Concen: 104.005 ug/l
 RT: 2.660 min Scan# 259
 Delta R.T. -0.006 min
 Lab File: VX042862.D
 Acq: 06 Aug 2024 11:17

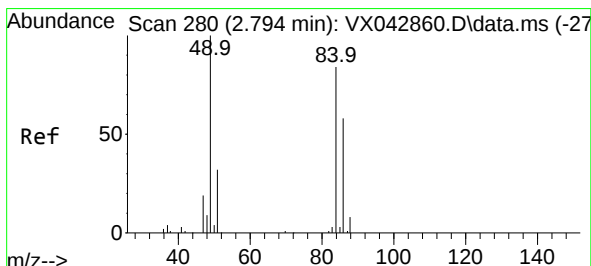
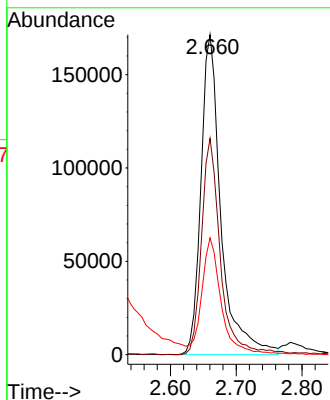
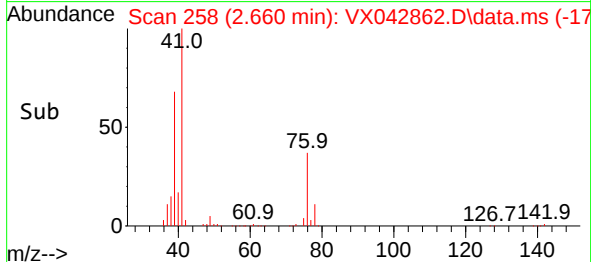
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



Tgt Ion: 41 Resp: 36333
 Ion Ratio Lower Upper
 41 100
 39 67.6 34.6 103.9
 76 36.1 18.4 55.4

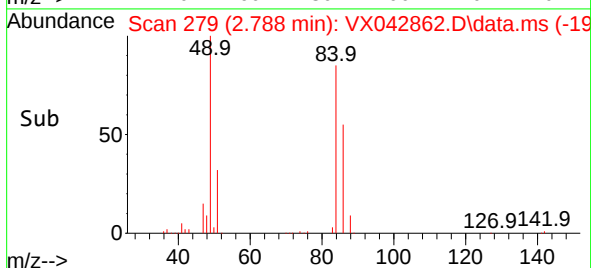
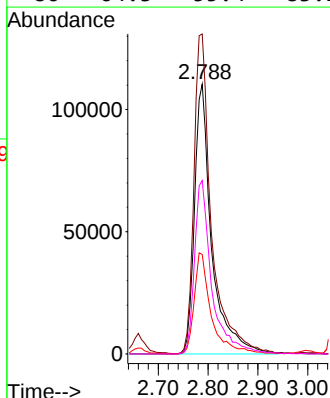
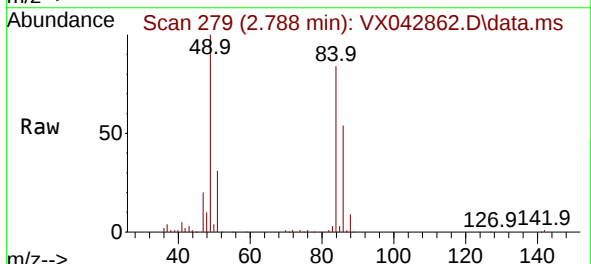
Manual Integrations
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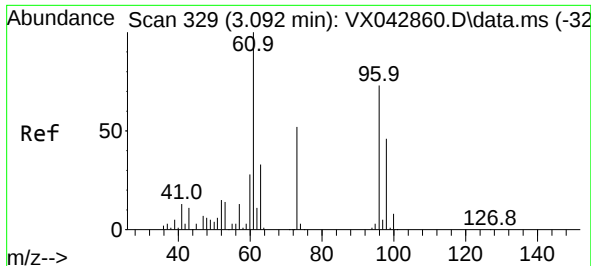
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024



#18
 Methylene Chloride
 Concen: 105.879 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VX042862.D
 Acq: 06 Aug 2024 11:17

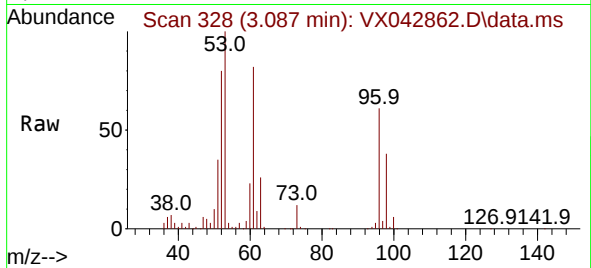
Tgt Ion: 84 Resp: 265026
 Ion Ratio Lower Upper
 84 100
 49 118.4 95.0 142.6
 51 36.8 30.1 45.1
 86 64.3 55.4 83.2





#19
trans-1,2-Dichloroethene
Concen: 104.710 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

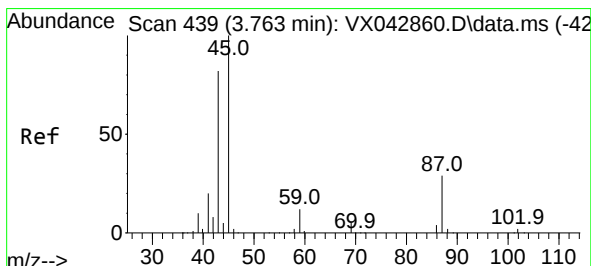
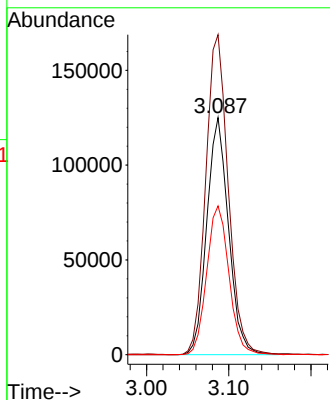
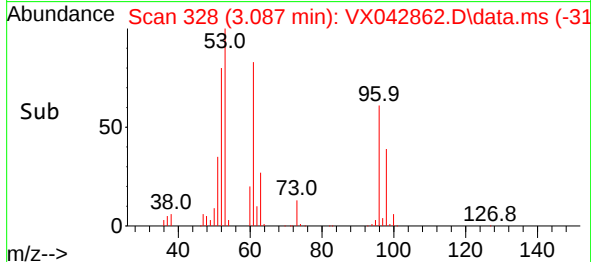
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



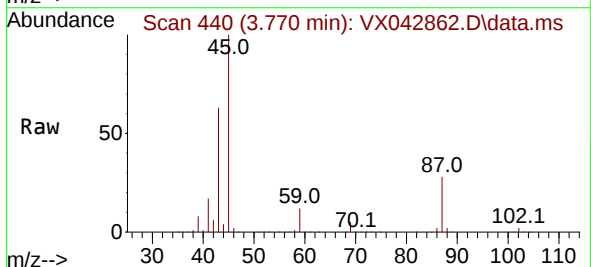
Tgt Ion: 96 Resp: 230160
Ion Ratio Lower Upper
96 100
61 134.9 109.6 164.4
98 62.7 50.4 75.6

Manual Integrations
APPROVED

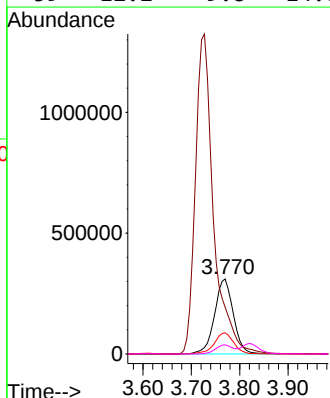
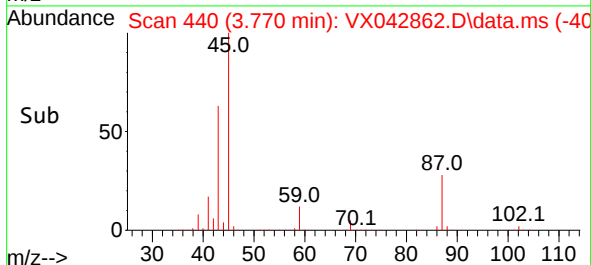
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

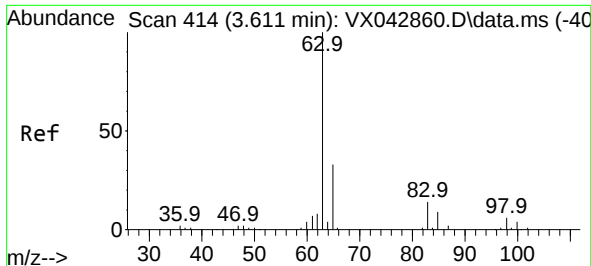


#20
Diisopropyl ether
Concen: 109.624 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17



Tgt Ion: 45 Resp: 836321
Ion Ratio Lower Upper
45 100
43 62.5 65.4 98.2#
87 28.2 23.0 34.6
59 12.2 9.8 14.6





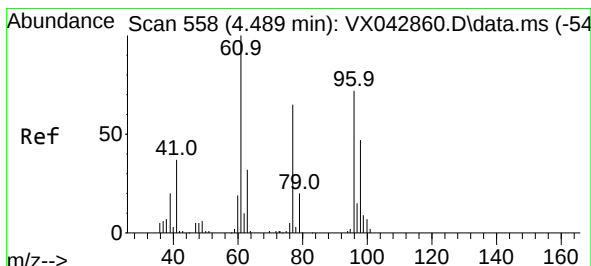
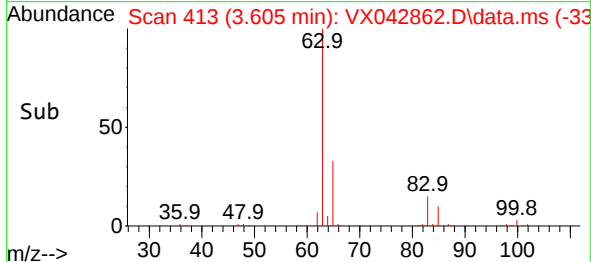
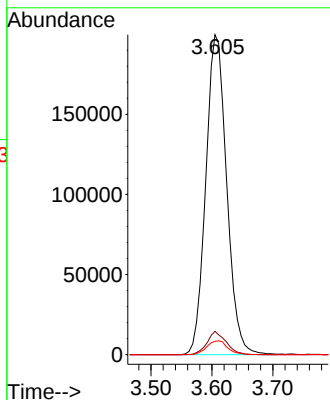
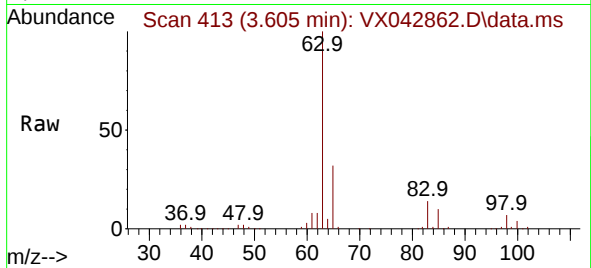
#21
1,1-Dichloroethane
Concen: 109.709 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 47599
Ion Ratio Lower Upper
63 100
98 7.3 2.9 8.8
100 4.2 2.1 6.3

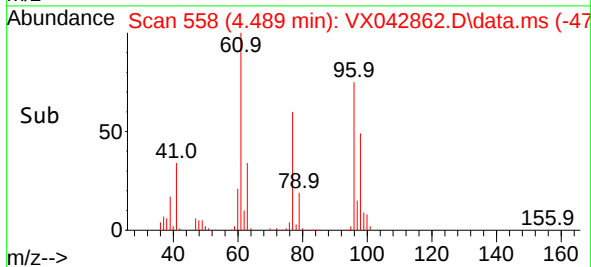
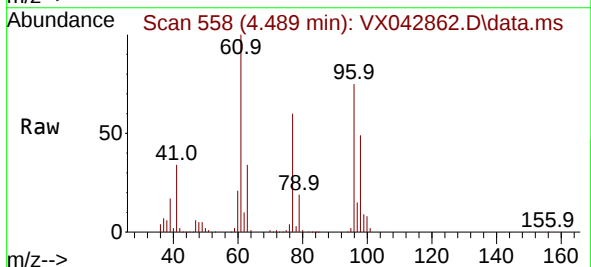
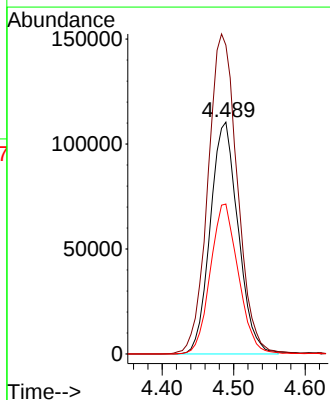
Manual Integrations
APPROVED

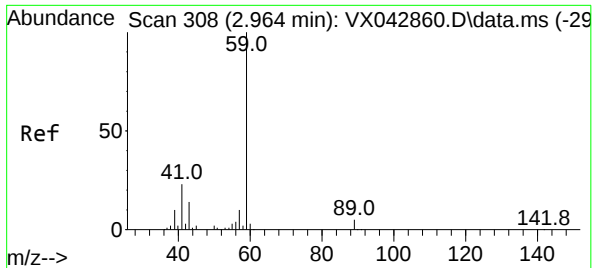
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#22
cis-1,2-Dichloroethene
Concen: 108.535 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Tgt Ion: 96 Resp: 299343
Ion Ratio Lower Upper
96 100
61 145.7 117.7 176.5
98 64.9 53.4 80.0





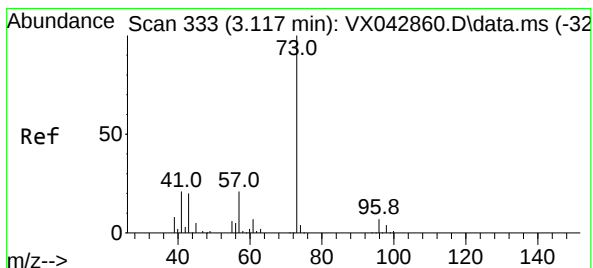
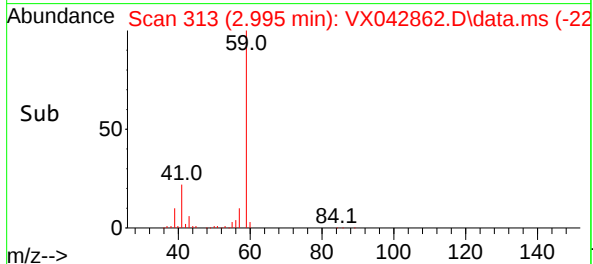
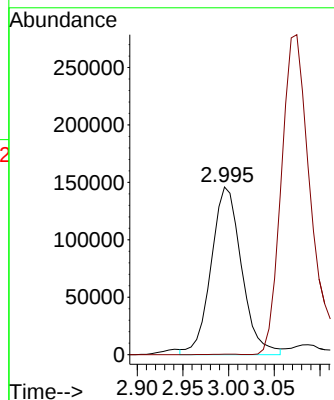
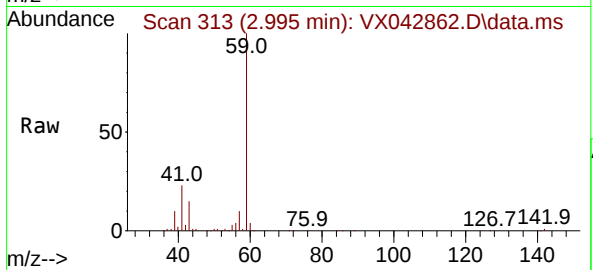
#23
tert-Butyl Alcohol
Concen: 511.976 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.031 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 338600
Ion Ratio Lower Upper
59 100
52 0.3 0.1 0.1

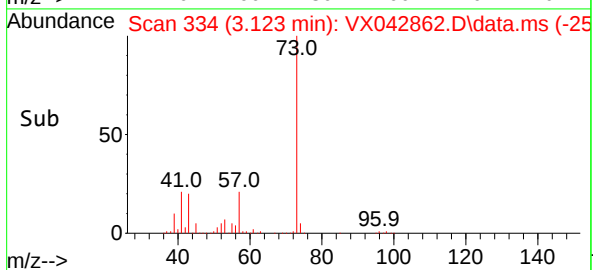
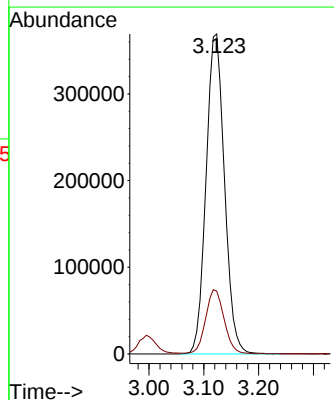
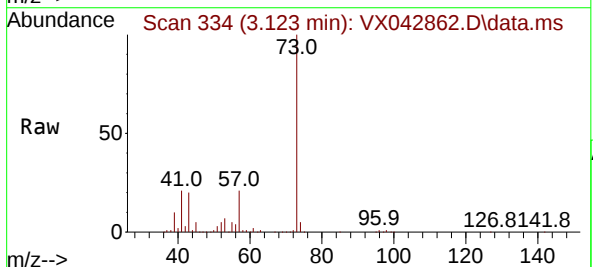
Manual Integrations
APPROVED

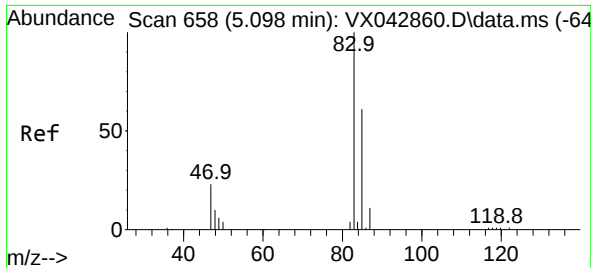
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#24
Methyl tert-Butyl Ether
Concen: 110.007 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.007 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Tgt Ion: 73 Resp: 859281
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.2





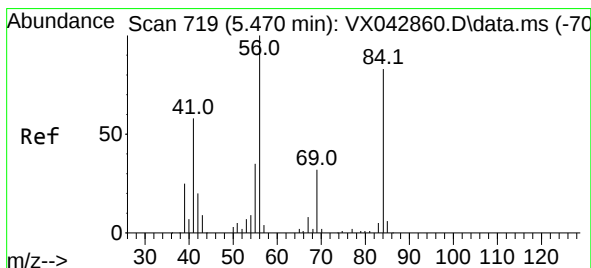
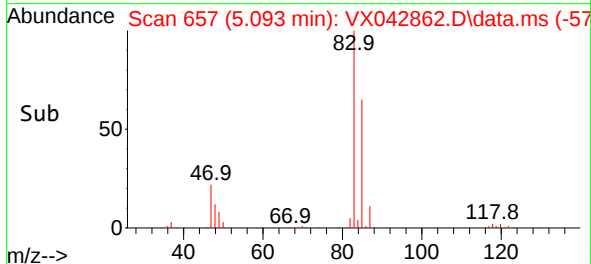
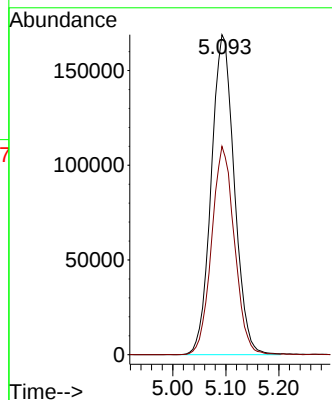
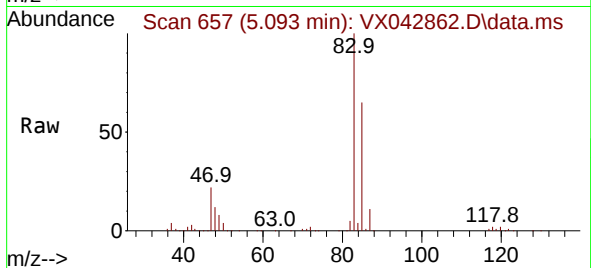
#25
Chloroform
Concen: 108.768 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 51058
Ion Ratio Lower Upper
83 100
85 65.1 49.2 73.8

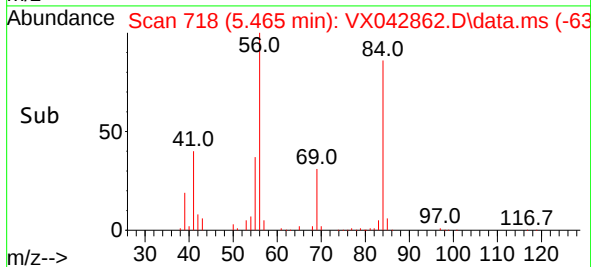
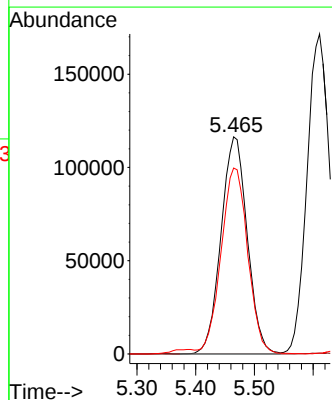
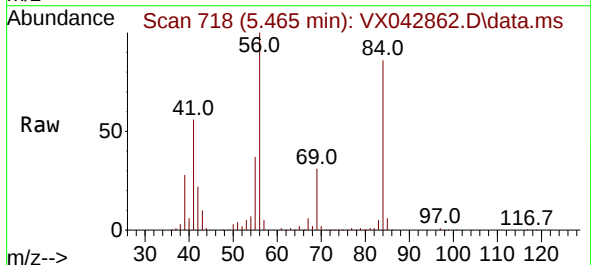
Manual Integrations
APPROVED

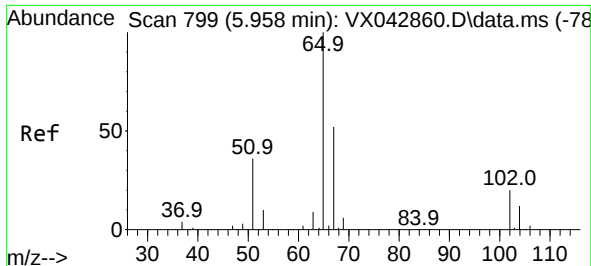
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#26
Cyclohexane
Concen: 105.448 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Tgt Ion: 56 Resp: 360926
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 87.4 71.8 107.8





#27
 1,2-Dichloroethane-d4
 Concen: 30.406 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX042862.D
 Acq: 06 Aug 2024 11:17

Instrument :

MSVOA_X

ClientSampleId :

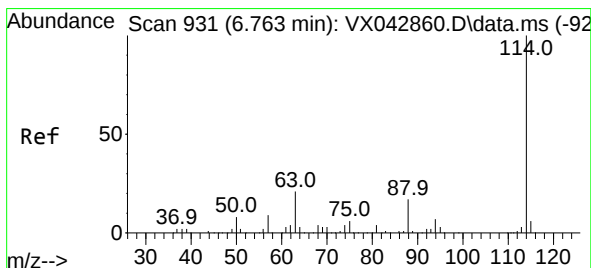
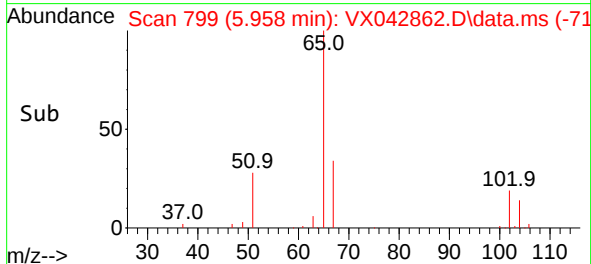
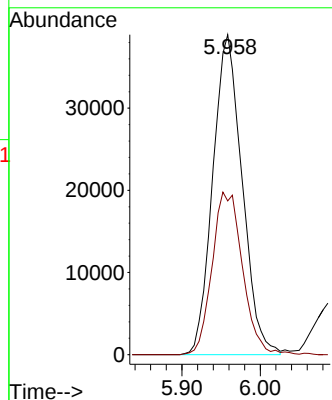
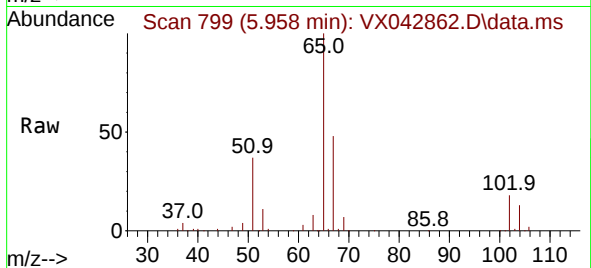
VSTDICC100

Tgt Ion: 65 Resp: 101252
 Ion Ratio Lower Upper
 65 100
 67 52.5 40.6 60.8

Manual Integrations

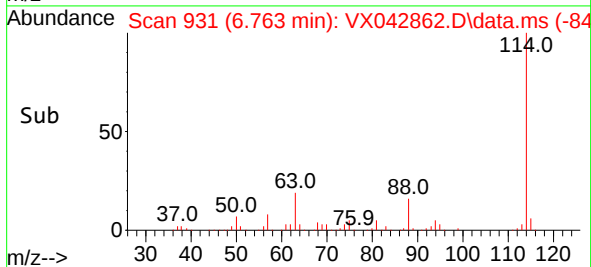
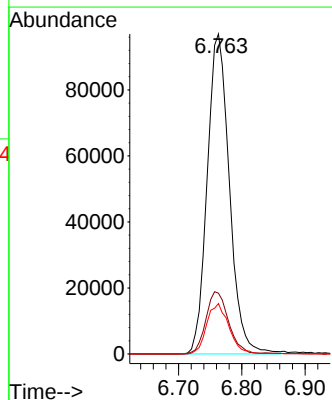
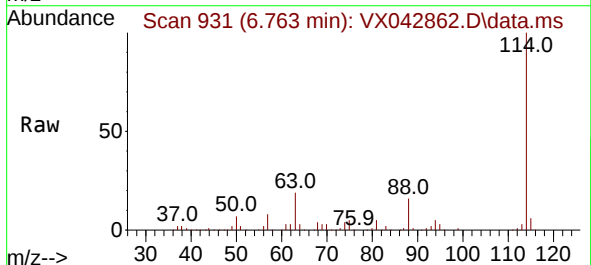
APPROVED

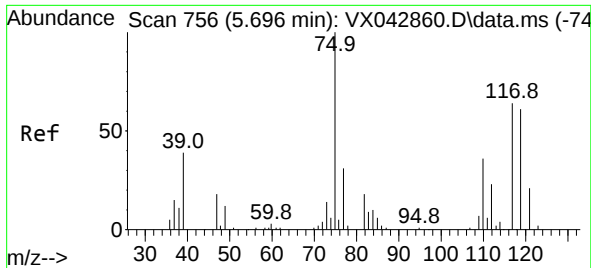
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042862.D
 Acq: 06 Aug 2024 11:17

Tgt Ion:114 Resp: 236268
 Ion Ratio Lower Upper
 114 100
 63 19.8 16.0 24.0
 88 15.8 12.5 18.7





#29

1,1-Dichloropropene

Concen: 104.805 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 319108

Ion Ratio Lower Upper

75 100

110 35.9 0.0 72.4

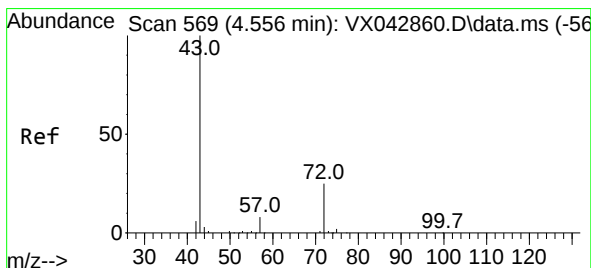
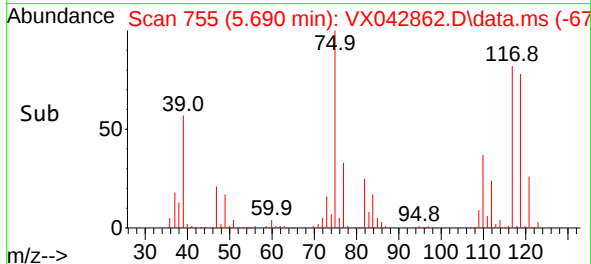
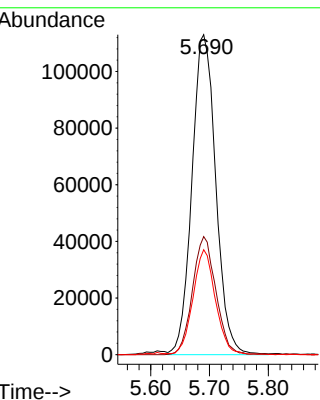
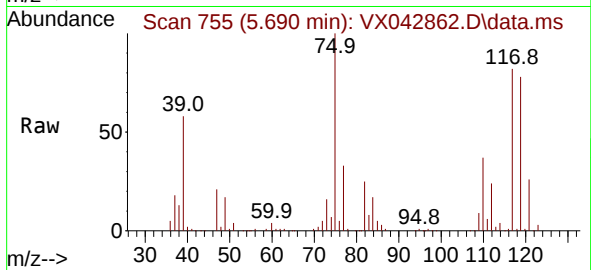
77 30.5 0.0 63.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#30

2-Butanone

Concen: 499.515 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.013 min

Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

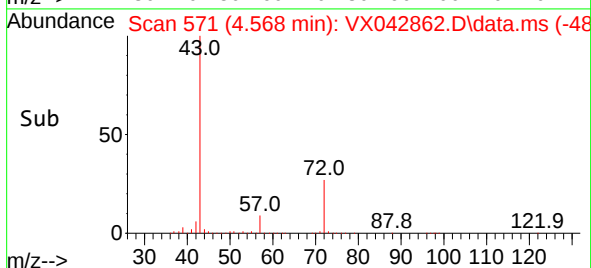
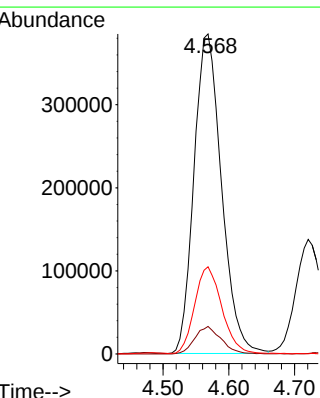
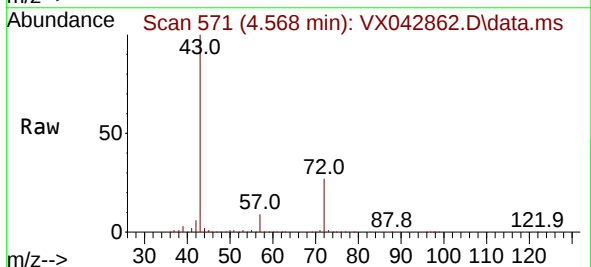
Tgt Ion: 43 Resp: 1120019

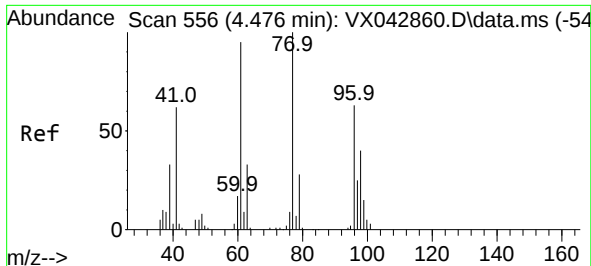
Ion Ratio Lower Upper

43 100

57 8.2 6.6 10.0

72 27.0 21.0 31.4





#31

2,2-Dichloropropane

Concen: 106.360 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 37840

Ion Ratio Lower Upper

77 100

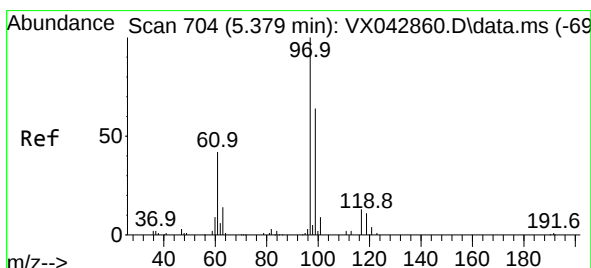
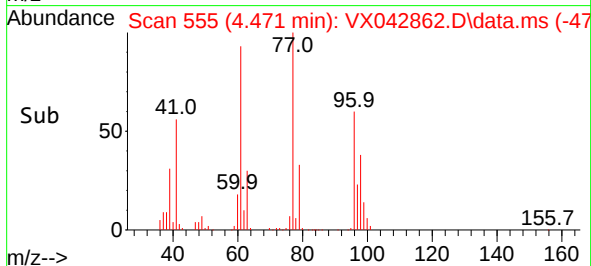
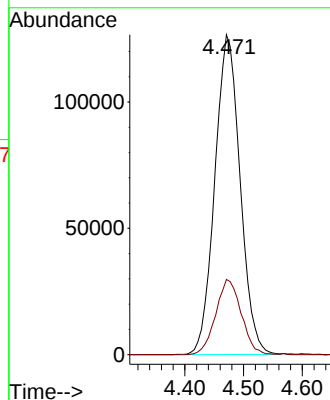
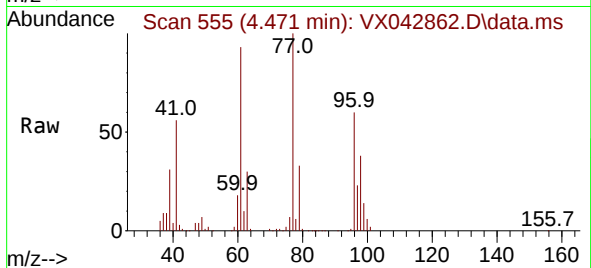
97 23.7 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#32

1,1,1-Trichloroethane

Concen: 105.677 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

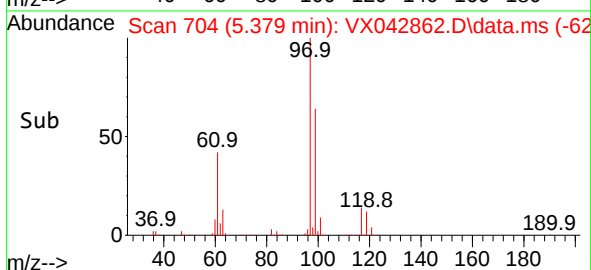
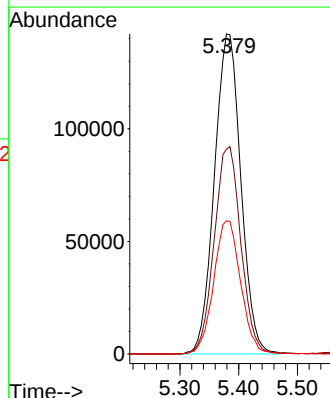
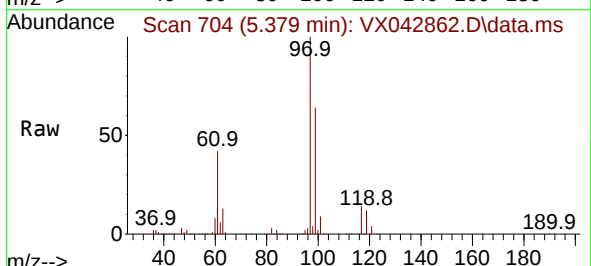
Tgt Ion: 97 Resp: 445539

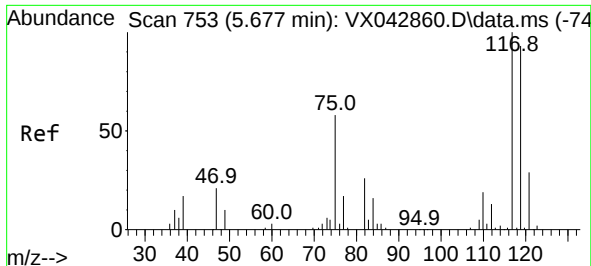
Ion Ratio Lower Upper

97 100

99 65.2 52.2 78.2

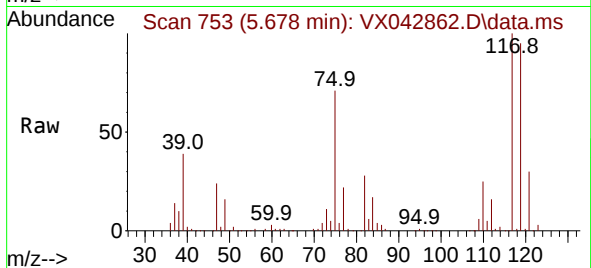
61 42.4 34.3 51.5





#33
Carbon Tetrachloride
Concen: 106.248 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

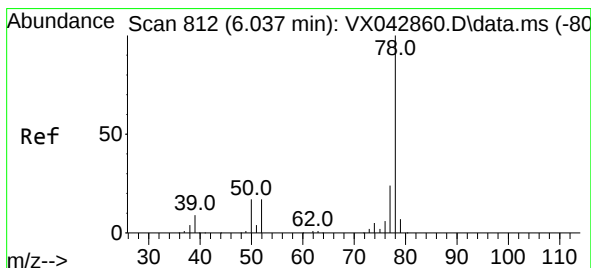
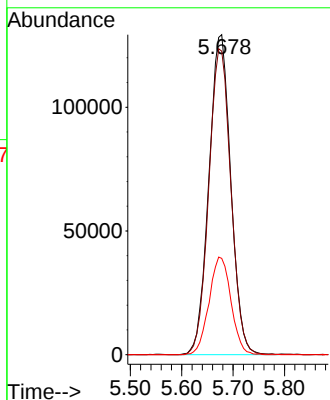
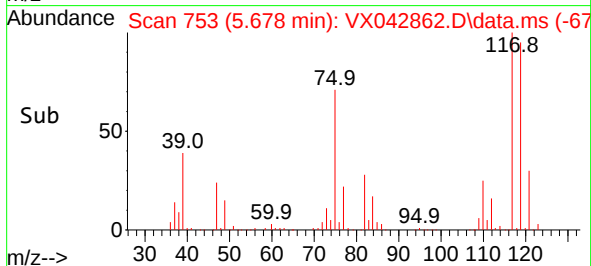
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



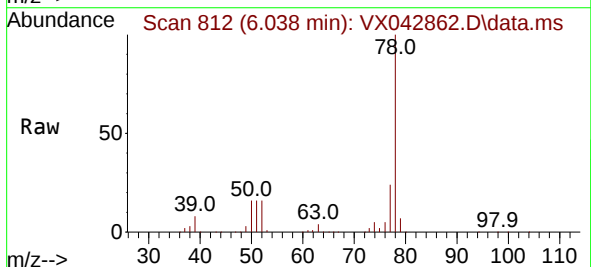
Tgt Ion: 117 Resp: 38311
Ion Ratio Lower Upper
117 100
119 94.8 75.7 113.5
121 30.4 23.3 34.9

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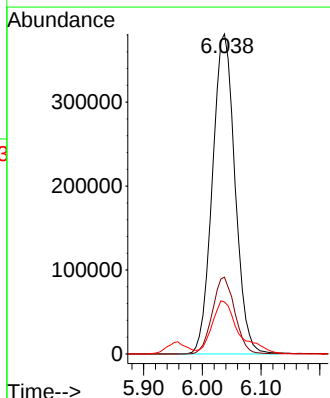
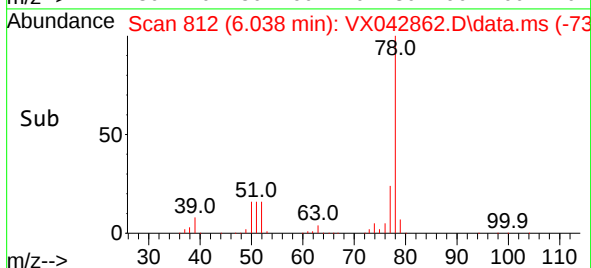
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

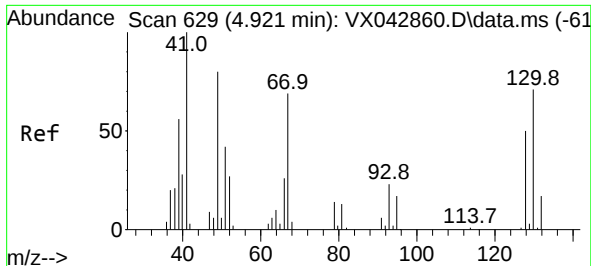


#34
Benzene
Concen: 104.449 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17



Tgt Ion: 78 Resp: 1018161
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.2
51 15.8 13.5 20.3





#35

Methacrylonitrile

Concen: 106.893 ug/l

RT: 4.928 min Scan# 61

Delta R.T. 0.007 min

Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 228110

Ion Ratio Lower Upper

41 100

39 57.0 28.1 84.2

67 74.2 34.4 103.1

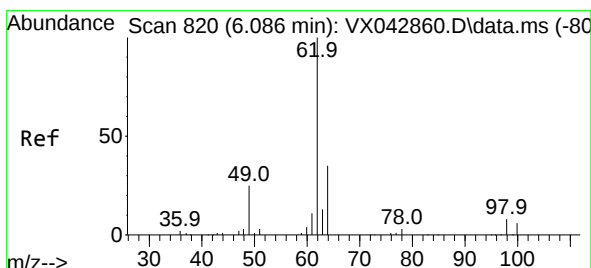
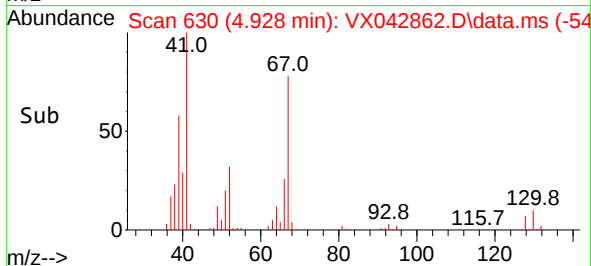
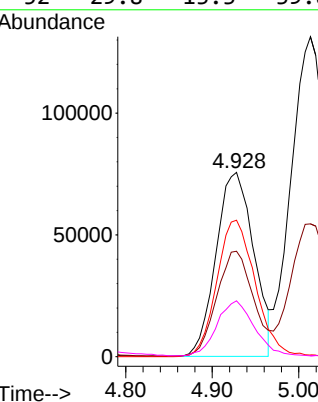
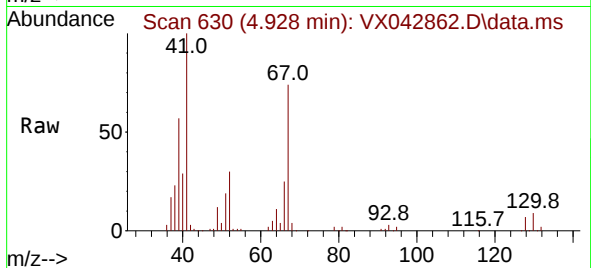
52 29.8 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#36

1,2-Dichloroethane

Concen: 105.753 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX042862.D

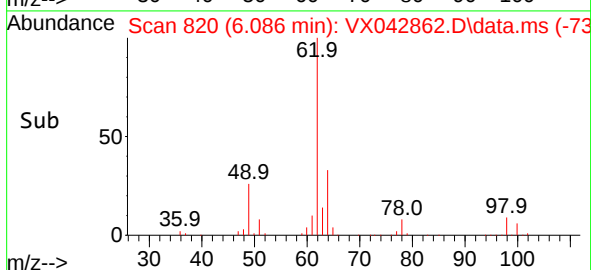
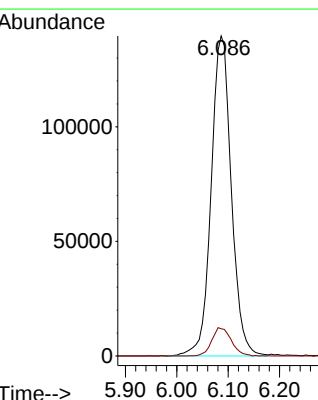
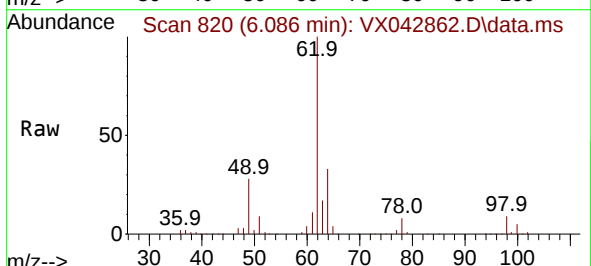
Acq: 06 Aug 2024 11:17

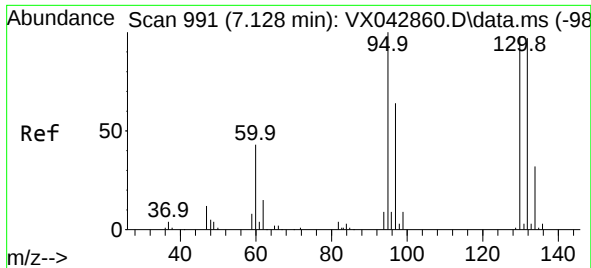
Tgt Ion: 62 Resp: 380451

Ion Ratio Lower Upper

62 100

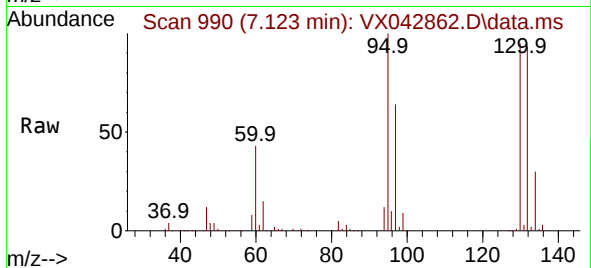
98 8.6 6.8 10.2





#37
Trichloroethene
Concen: 102.309 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

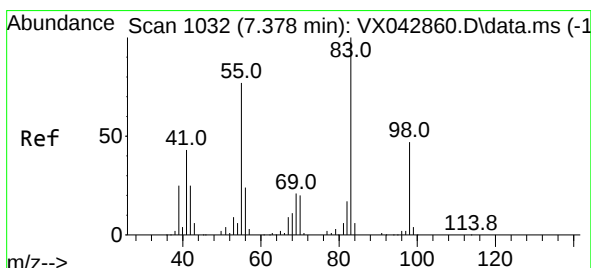
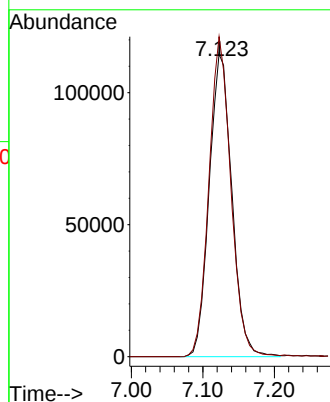
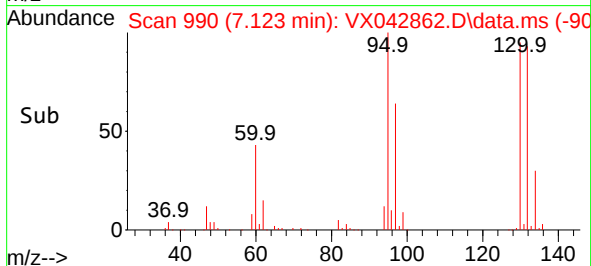
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



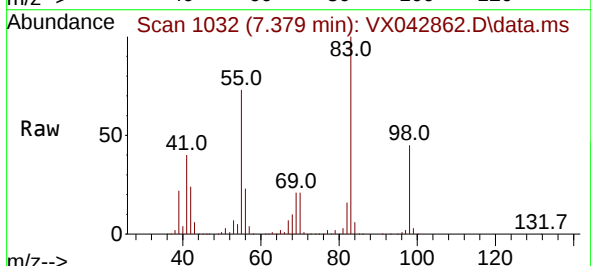
Tgt Ion:130 Resp: 252479
Ion Ratio Lower Upper
130 100
95 105.7 81.4 122.2

Manual Integrations
APPROVED

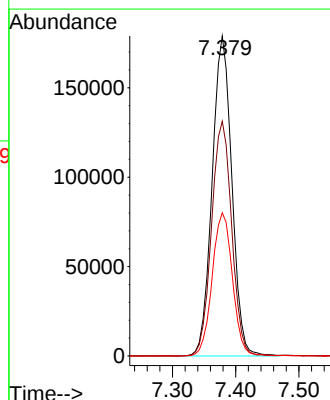
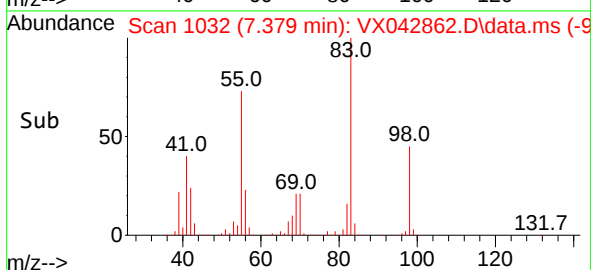
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

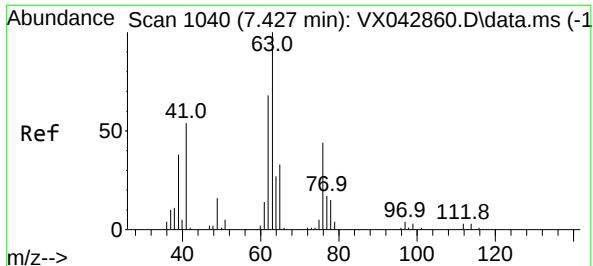


#38
Methylcyclohexane
Concen: 102.606 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17



Tgt Ion: 83 Resp: 387179
Ion Ratio Lower Upper
83 100
55 74.7 38.0 113.9
98 46.0 23.4 70.2





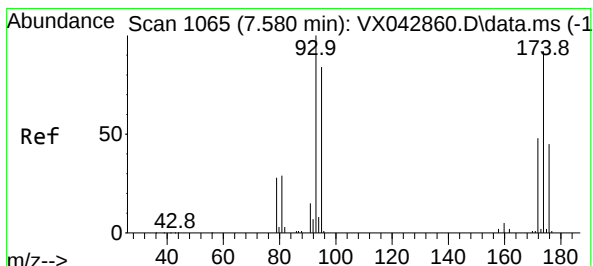
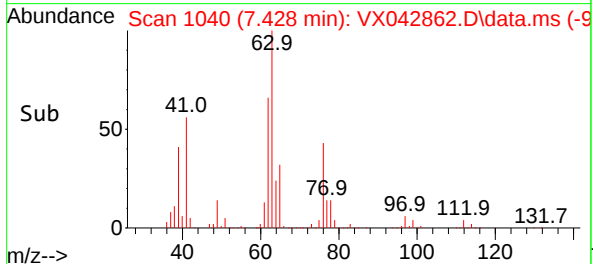
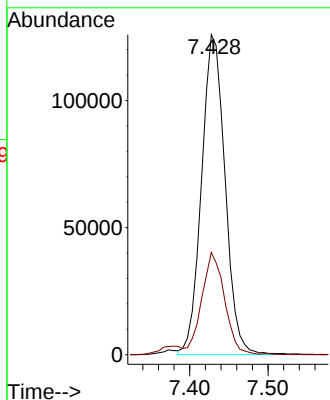
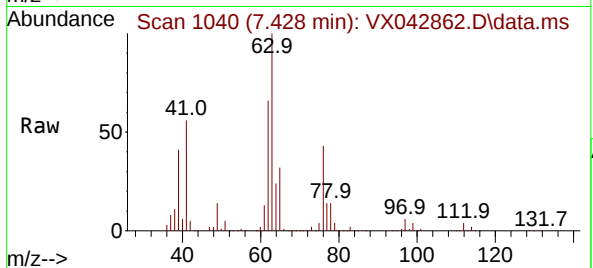
#39
1,2-Dichloropropane
Concen: 105.777 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 262854
Ion Ratio Lower Upper
63 100
65 32.0 26.6 39.8

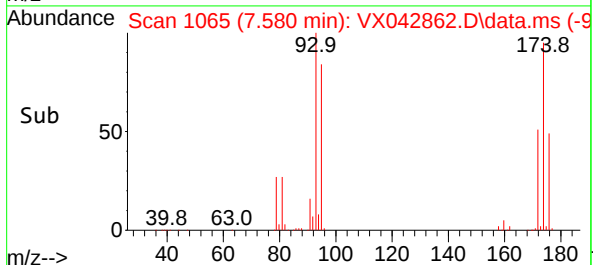
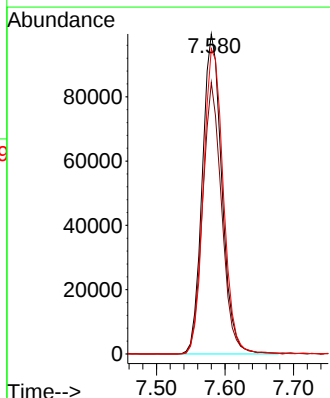
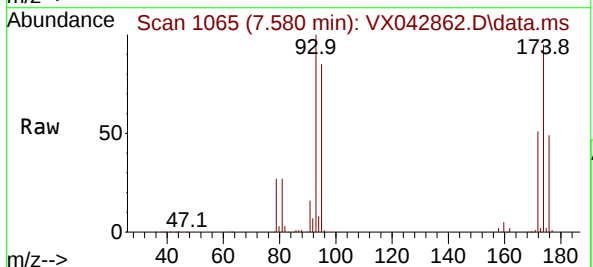
Manual Integrations
APPROVED

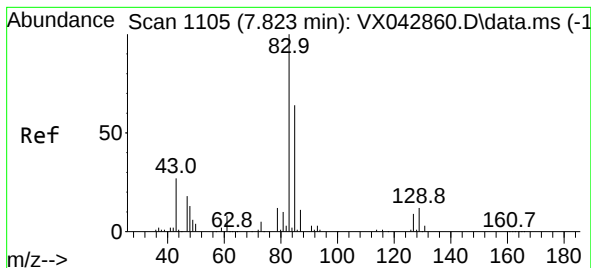
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#40
Dibromomethane
Concen: 105.373 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Tgt Ion: 93 Resp: 197709
Ion Ratio Lower Upper
93 100
95 82.7 0.0 161.8
174 96.8 0.0 194.0





#41

Bromodichloromethane

Concen: 106.791 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 39733

Ion Ratio Lower Upper

83 100

85 63.5 50.8 76.2

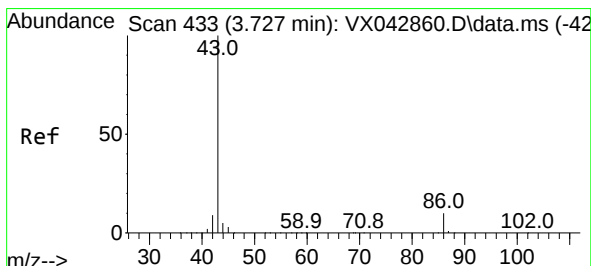
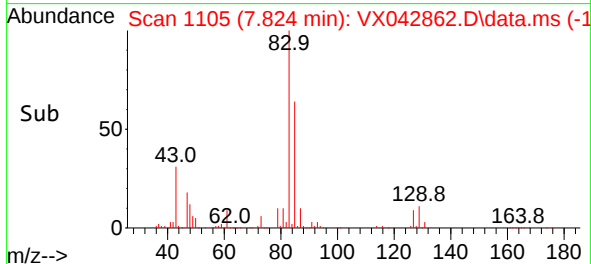
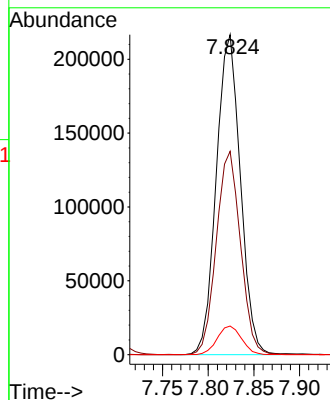
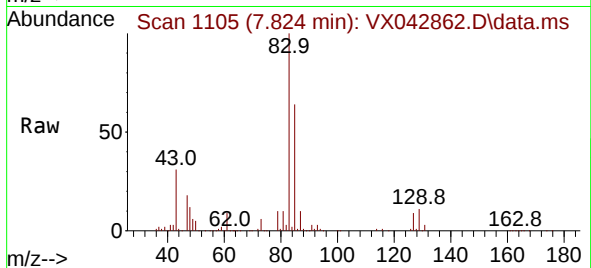
127 9.0 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#42

Vinyl Acetate

Concen: 525.771 ug/l

RT: 3.727 min Scan# 433

Delta R.T. 0.000 min

Lab File: VX042862.D

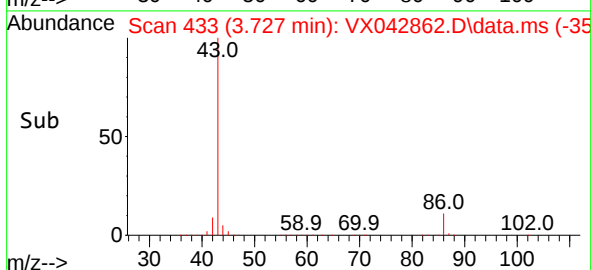
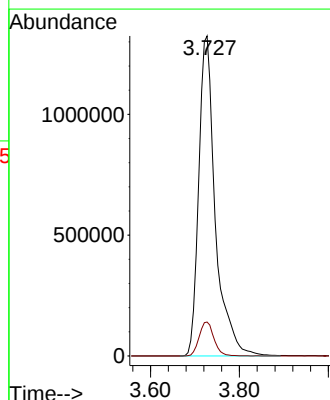
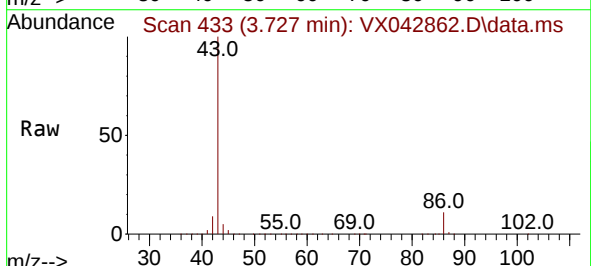
Acq: 06 Aug 2024 11:17

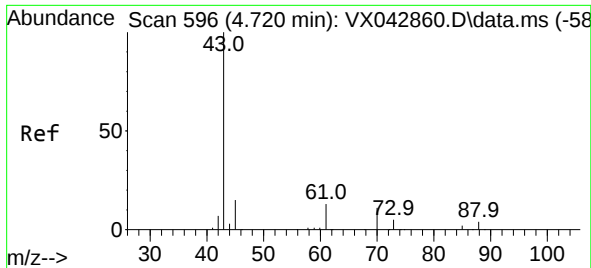
Tgt Ion: 43 Resp: 3447897

Ion Ratio Lower Upper

43 100

86 9.5 7.2 10.8





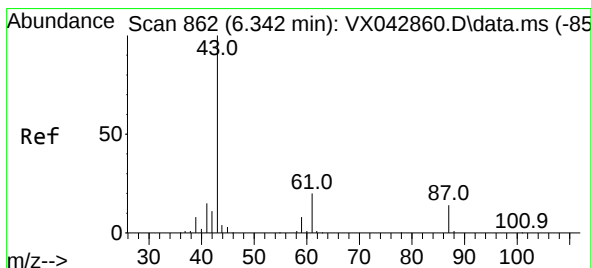
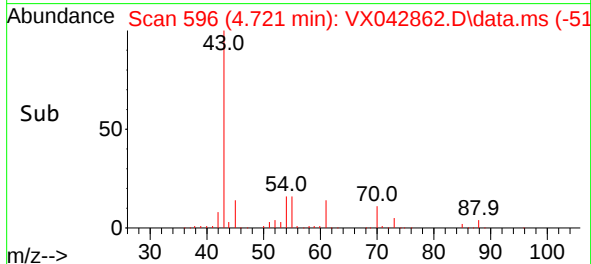
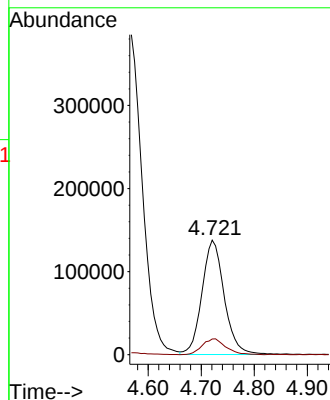
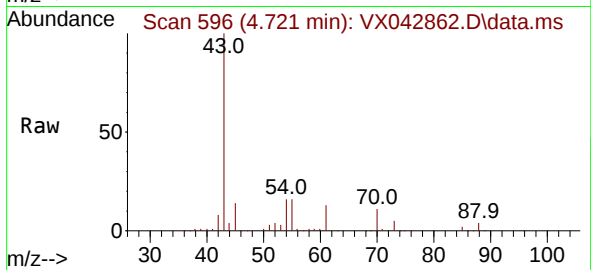
#43
Ethyl Acetate
Concen: 105.265 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 401495
Ion Ratio Lower Upper
43 100
45 14.6 12.5 18.7

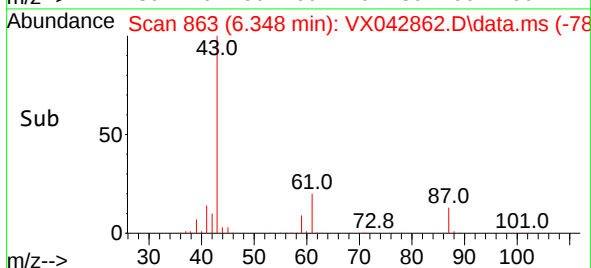
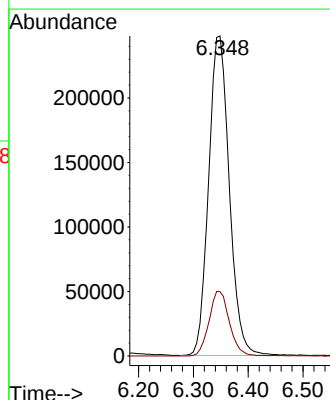
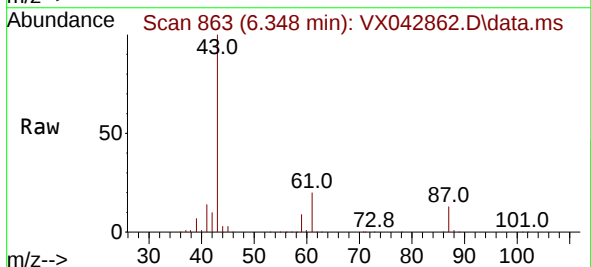
Manual Integrations
APPROVED

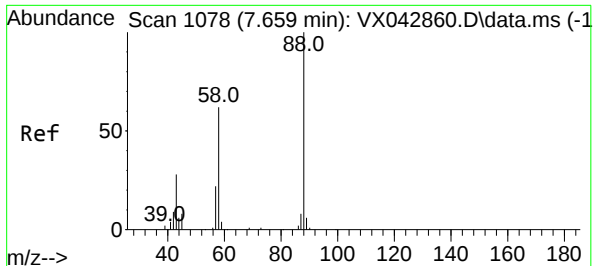
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#44
Isopropyl Acetate
Concen: 107.077 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.007 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

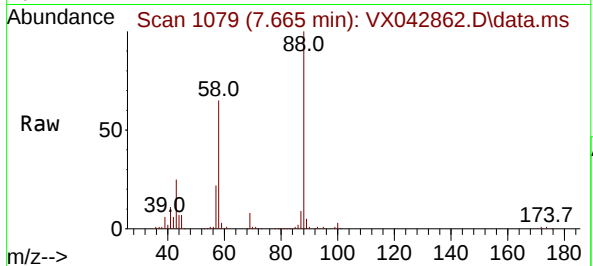
Tgt Ion: 43 Resp: 648213
Ion Ratio Lower Upper
43 100
61 19.9 15.4 23.0





#45
1,4-Dioxane
Concen: 2251.306 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.007 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

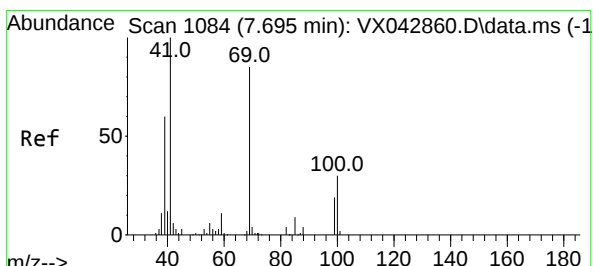
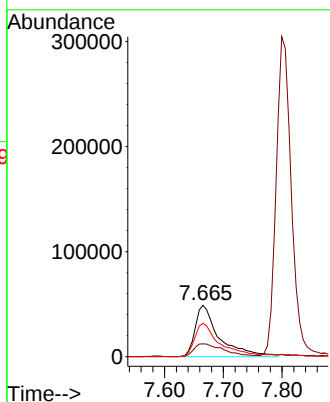
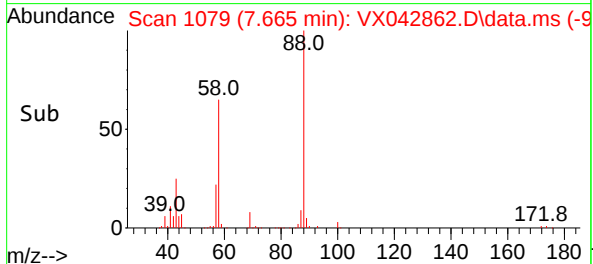
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 88 Resp: 138719
Ion Ratio Lower Upper
88 100
43 21.1 25.8 38.6
58 67.6 55.5 83.3

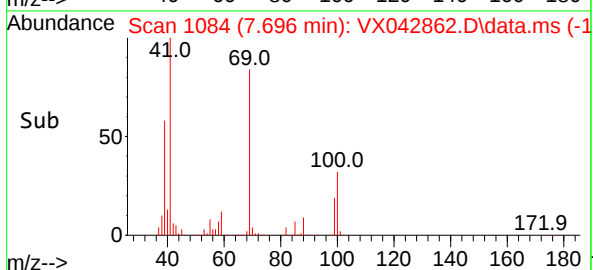
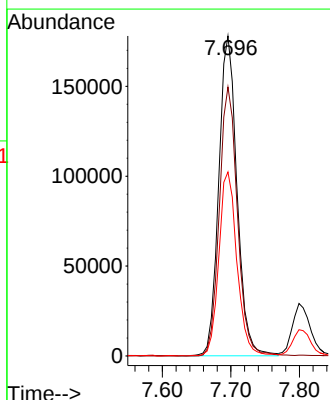
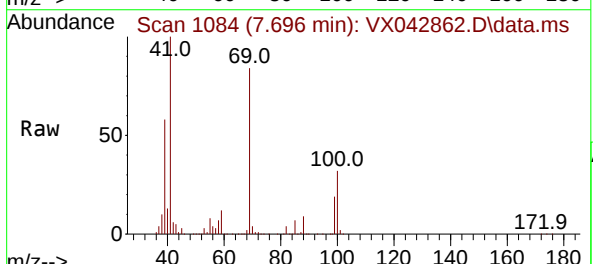
Manual Integrations
APPROVED

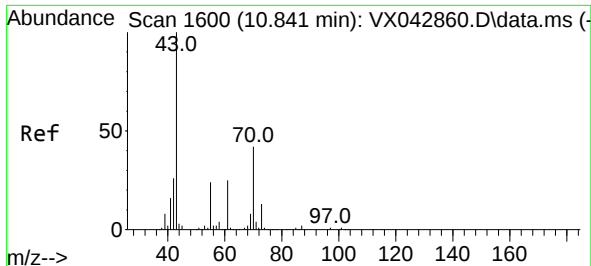
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#46
Methyl methacrylate
Concen: 109.120 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Tgt Ion: 41 Resp: 328273
Ion Ratio Lower Upper
41 100
69 84.1 42.4 127.1
39 57.5 29.9 89.7





#47

n-amy1 Acetate

Concen: 110.097 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 57014

Ion Ratio Lower Upper

43 100

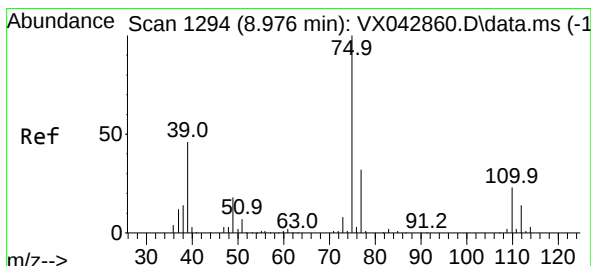
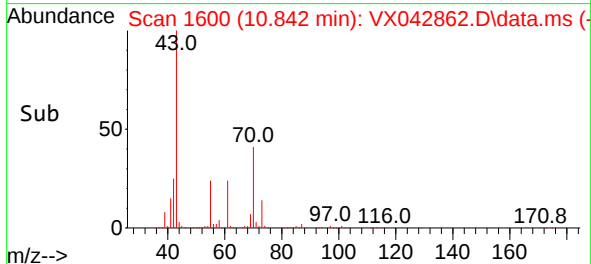
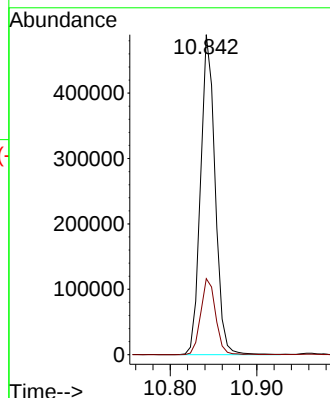
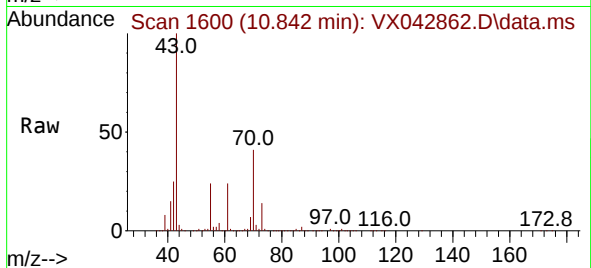
55 24.0 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#48

t-1,3-Dichloropropene

Concen: 108.723 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX042862.D

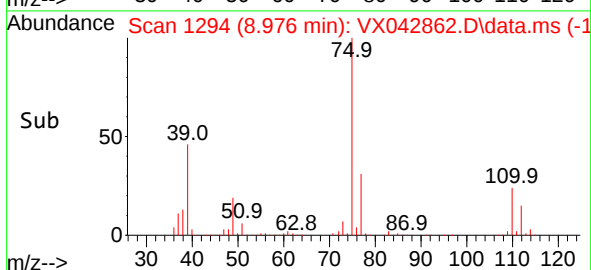
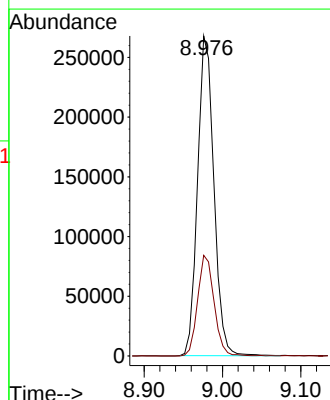
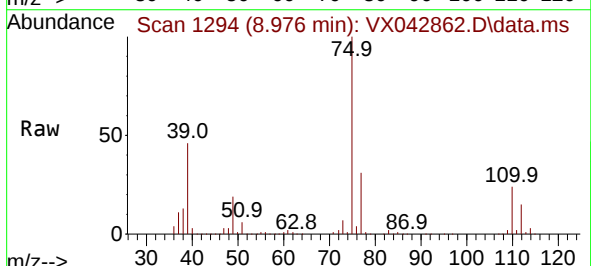
Acq: 06 Aug 2024 11:17

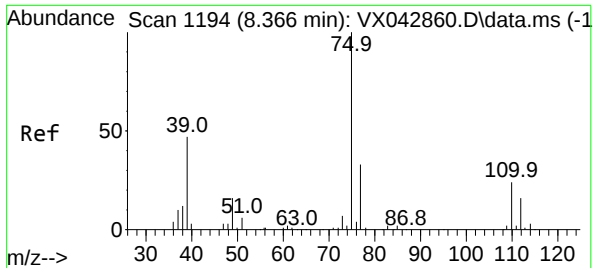
Tgt Ion: 75 Resp: 387789

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 108.053 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 417374

Ion Ratio Lower Upper

75 100

77 30.8 26.8 40.2

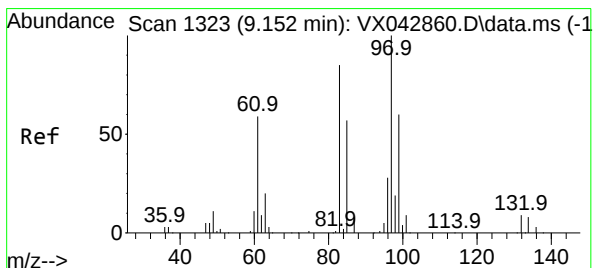
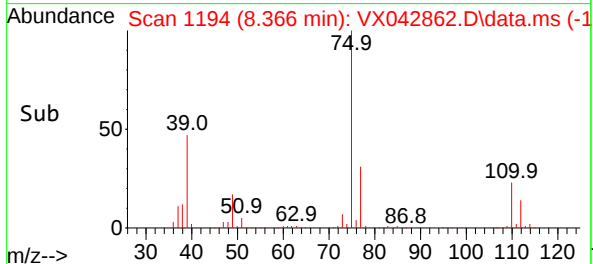
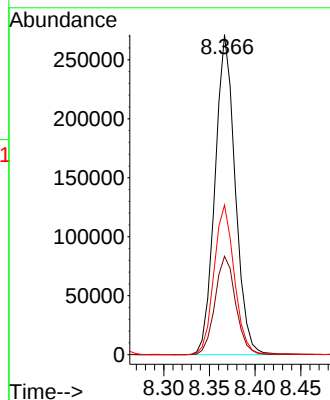
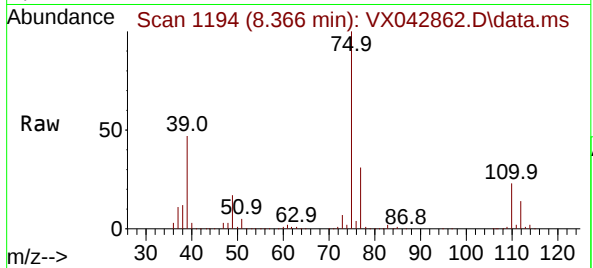
39 46.7 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#50

1,1,2-Trichloroethane

Concen: 106.064 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

Tgt Ion: 97 Resp: 271421

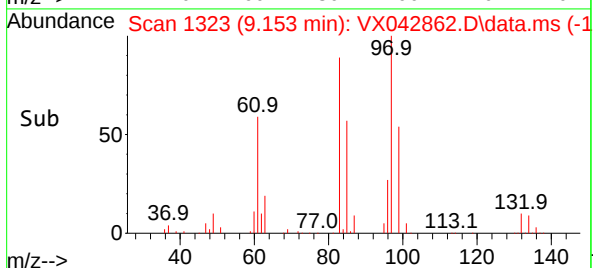
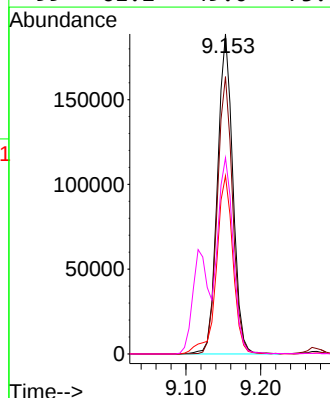
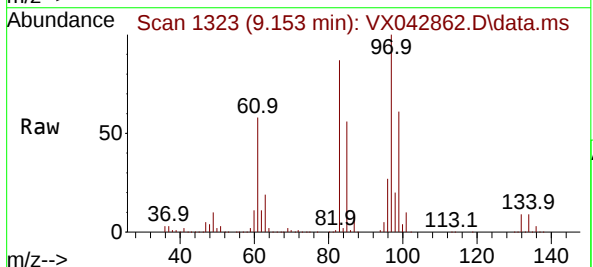
Ion Ratio Lower Upper

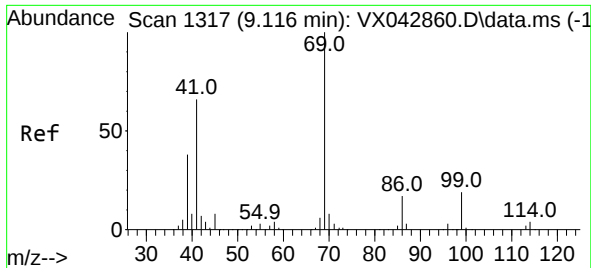
97 100

83 86.6 68.2 102.2

85 55.6 45.4 68.0

99 61.2 49.0 73.4





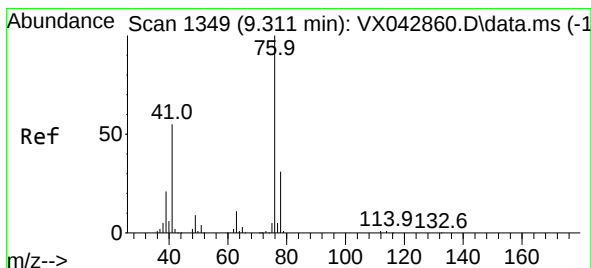
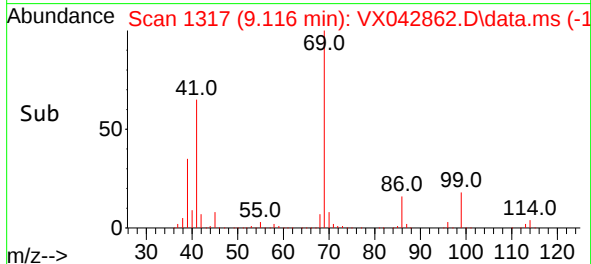
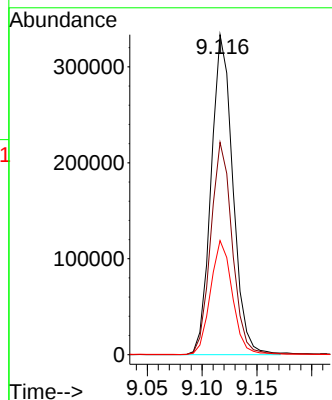
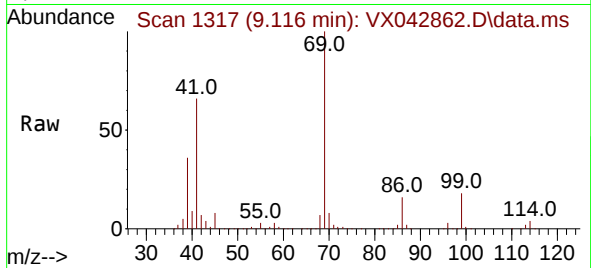
#51
Ethyl methacrylate
Concen: 109.903 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 69 Resp: 46018
Ion Ratio Lower Upper
69 100
41 66.3 33.1 99.2
39 35.6 18.8 56.3

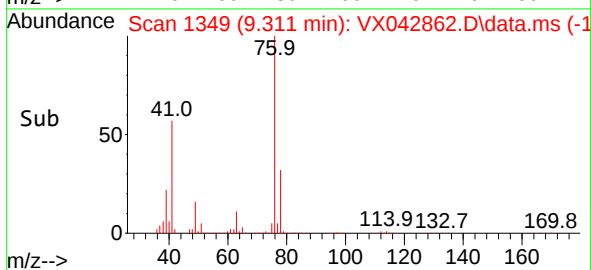
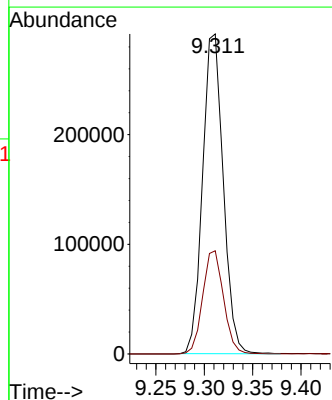
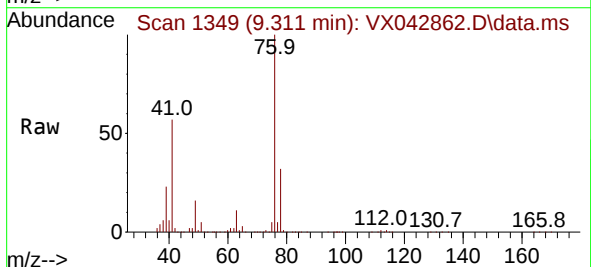
Manual Integrations
APPROVED

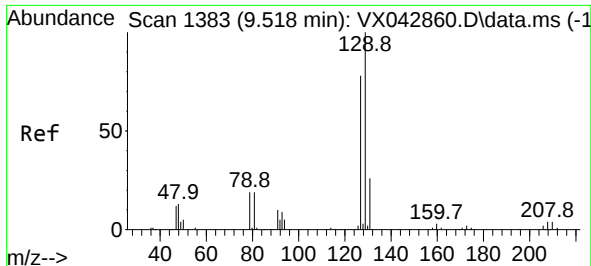
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#52
1,3-Dichloropropane
Concen: 103.288 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Tgt Ion: 76 Resp: 433758
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.8





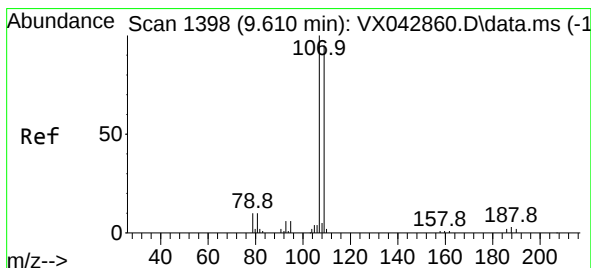
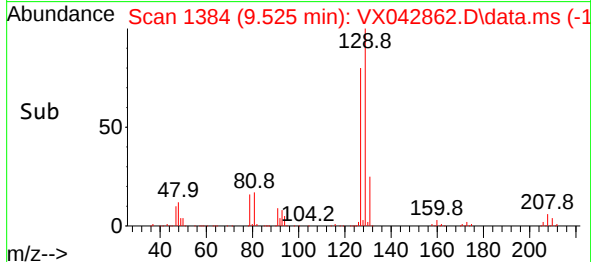
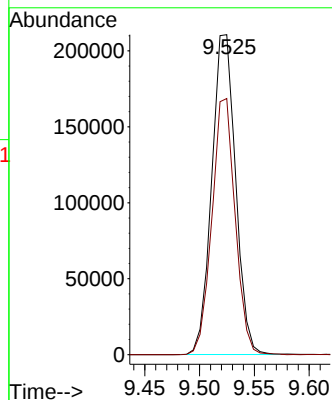
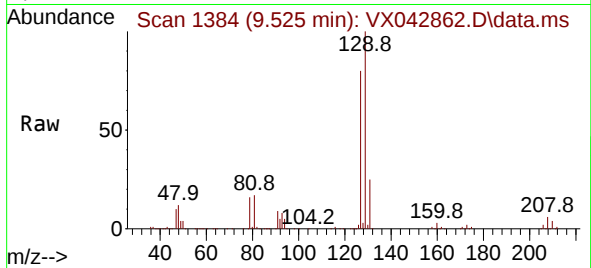
#53
Dibromochloromethane
Concen: 107.267 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.007 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 319452
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3

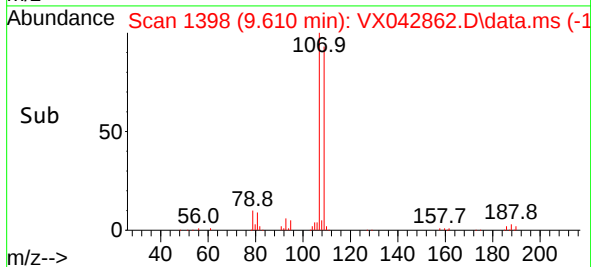
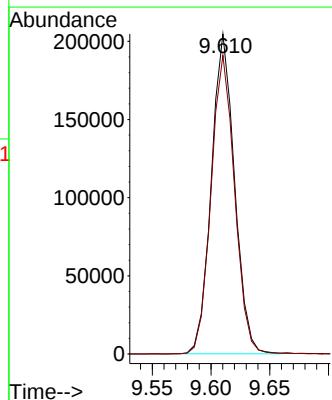
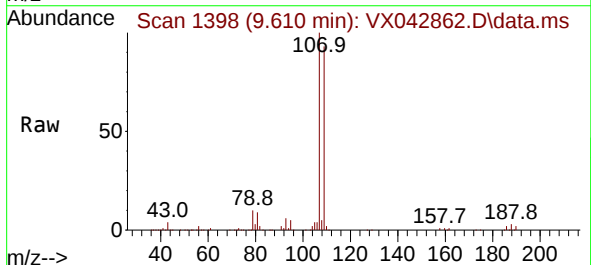
Manual Integrations
APPROVED

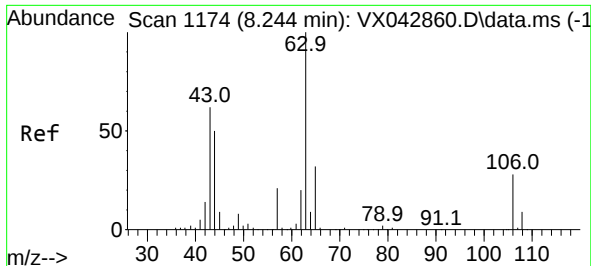
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#54
1,2-Dibromoethane
Concen: 105.569 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Tgt Ion:107 Resp: 280963
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.4





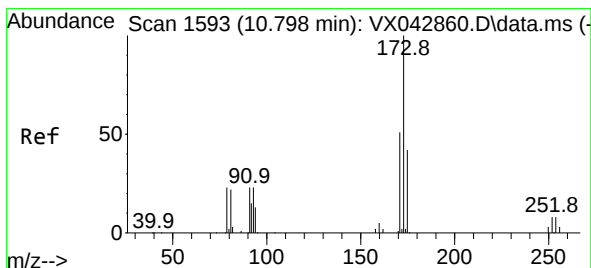
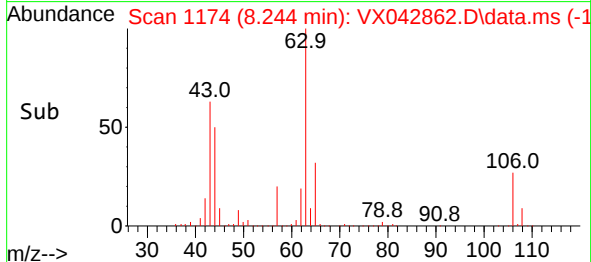
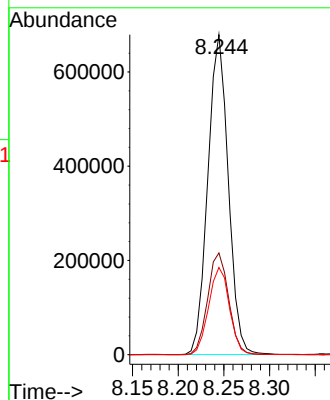
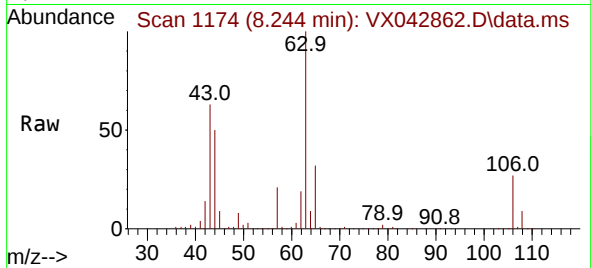
#55
2-Chloroethyl vinyl ether
Concen: 544.648 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 105316
Ion Ratio Lower Upper
63 100
65 32.8 26.3 39.5
106 27.8 21.8 32.6

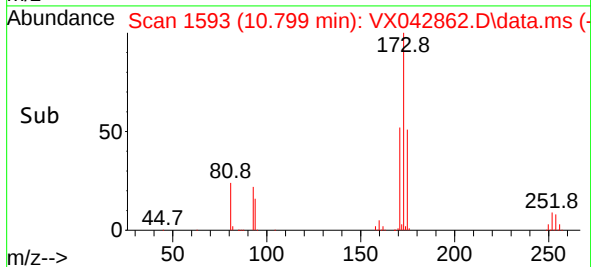
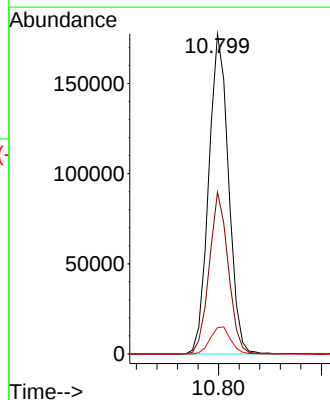
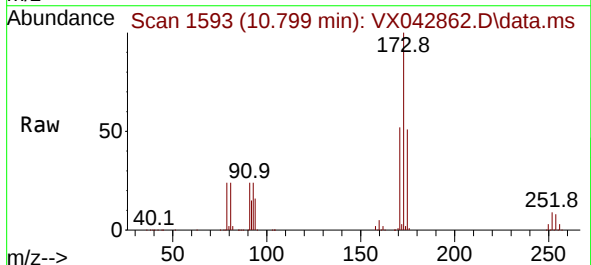
Manual Integrations
APPROVED

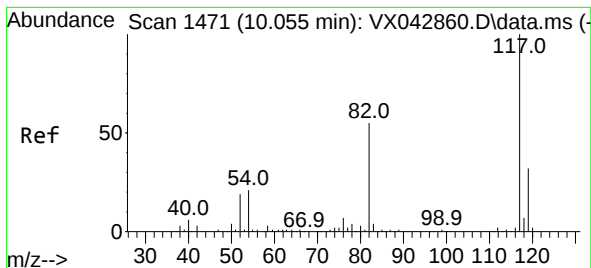
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#56
Bromoform
Concen: 111.264 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

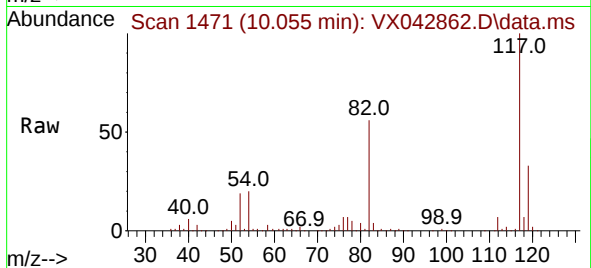
Tgt Ion:173 Resp: 237524
Ion Ratio Lower Upper
173 100
175 48.3 37.1 55.7
254 8.7 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

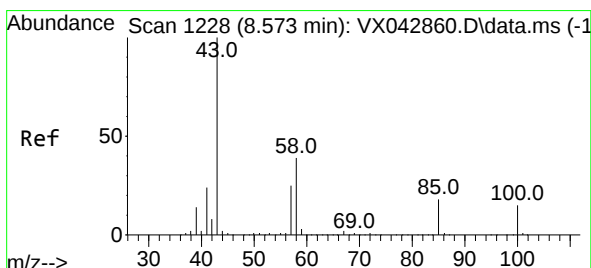
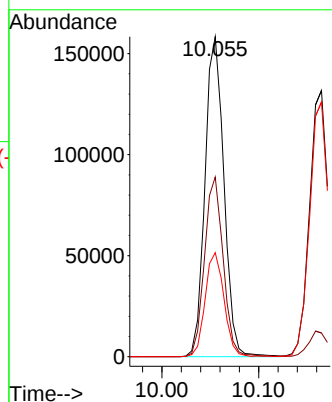
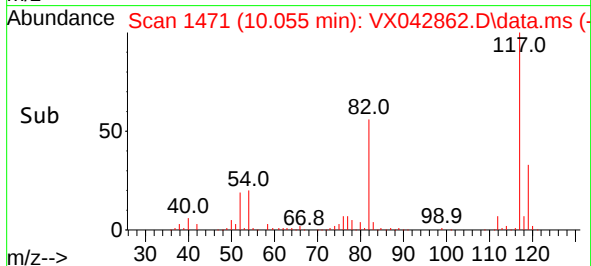
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



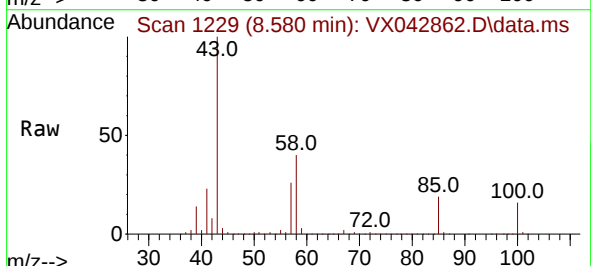
Tgt Ion: 117 Resp: 216140
Ion Ratio Lower Upper
117 100
82 55.4 44.9 67.3
119 32.3 25.4 38.2

Manual Integrations
APPROVED

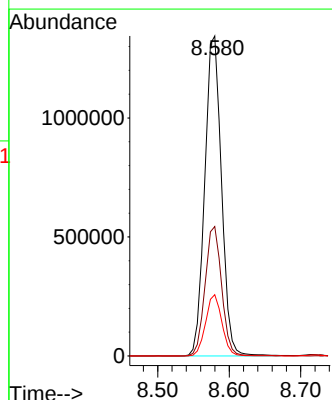
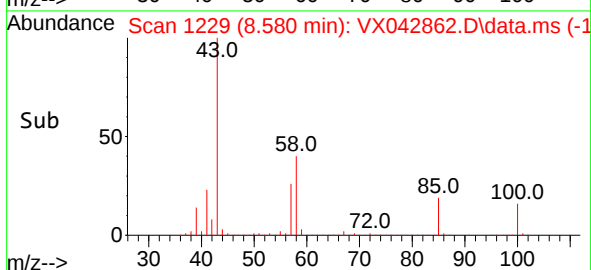
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

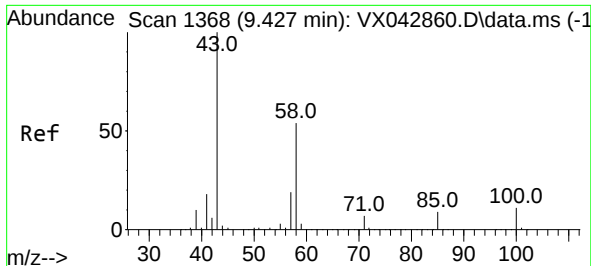


#58
4-Methyl-2-Pentanone
Concen: 536.494 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17



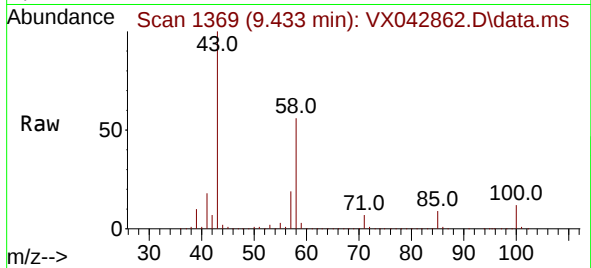
Tgt Ion: 43 Resp: 2183735
Ion Ratio Lower Upper
43 100
58 40.0 31.4 47.0
85 18.7 14.6 21.8





#59
2-Hexanone
Concen: 523.112 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.007 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

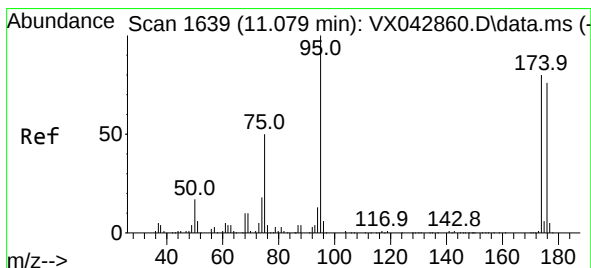
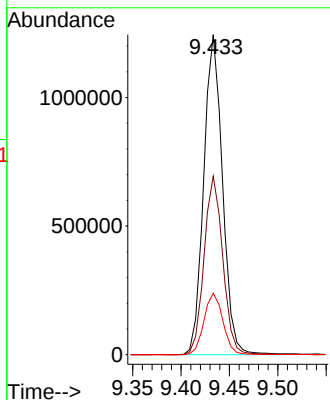
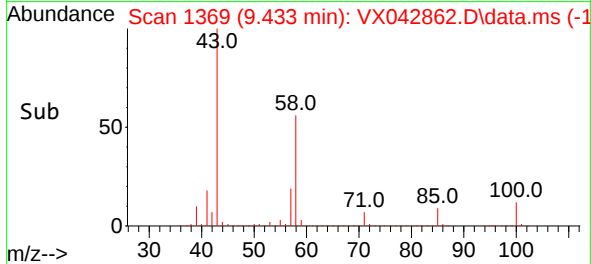
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 168298
Ion Ratio Lower Upper
43 100
58 55.7 43.5 65.3
57 19.4 15.0 22.6

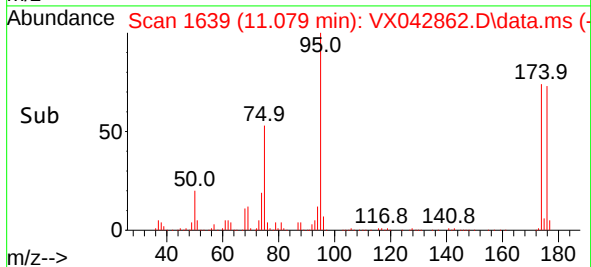
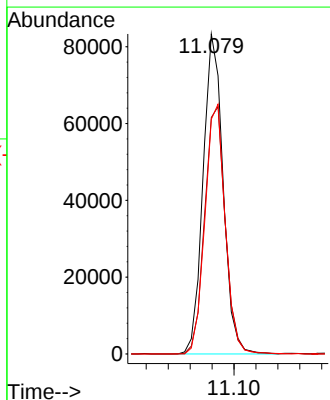
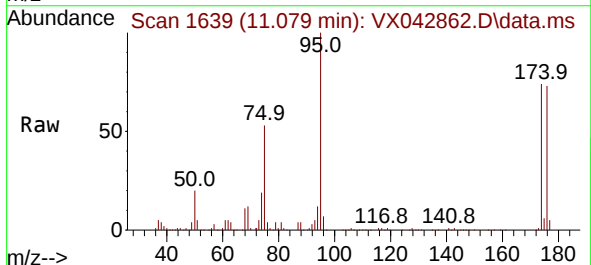
Manual Integrations
APPROVED

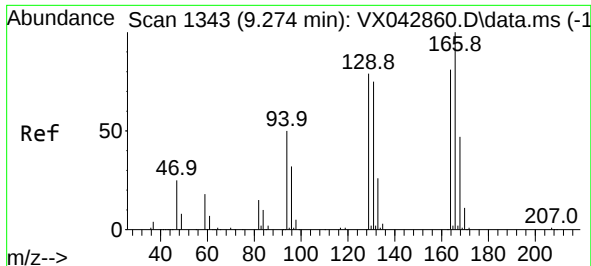
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#60
4-Bromofluorobenzene
Concen: 29.876 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

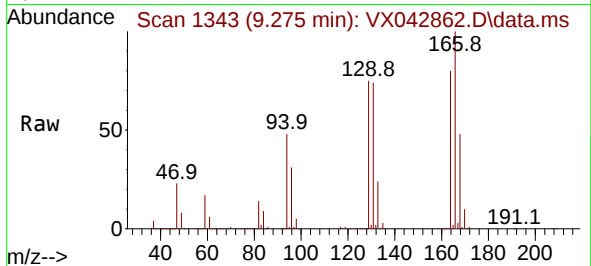
Tgt Ion: 95 Resp: 105352
Ion Ratio Lower Upper
95 100
174 80.0 65.0 97.6
176 78.9 63.4 95.0





#61
Tetrachloroethene
Concen: 102.760 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

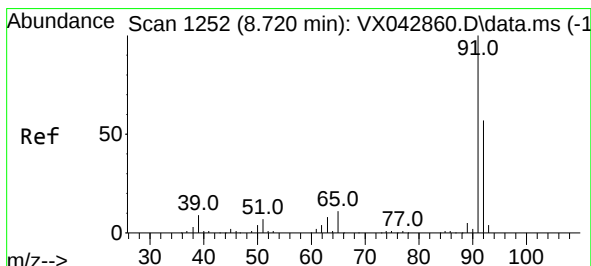
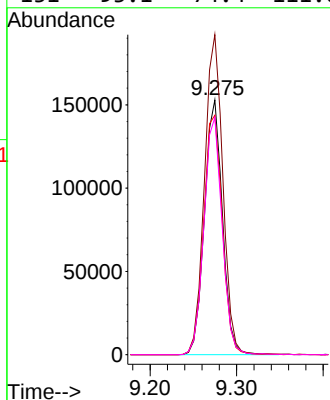
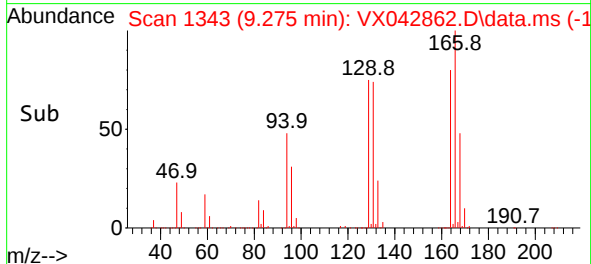
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:164 Resp: 220518
Ion Ratio Lower Upper
164 100
166 125.6 98.6 147.8
129 93.9 77.4 116.0
131 93.1 74.4 111.6

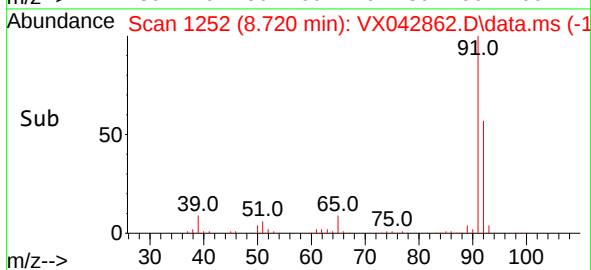
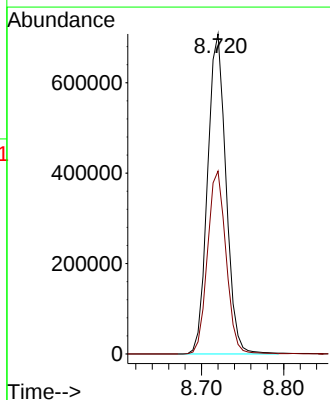
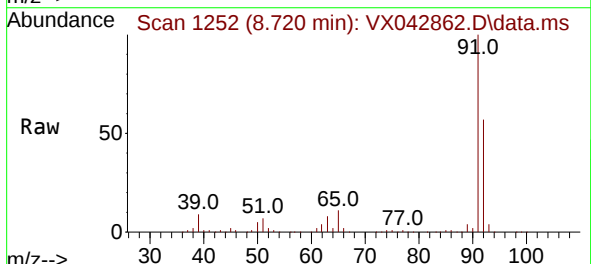
Manual Integrations
APPROVED

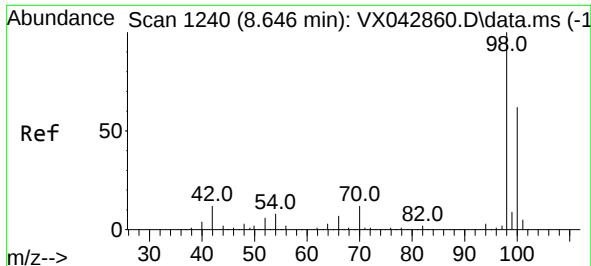
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#62
Toluene
Concen: 104.048 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

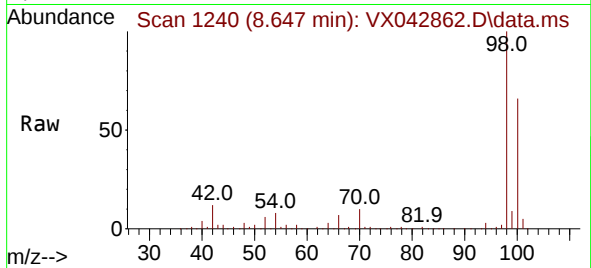
Tgt Ion: 91 Resp: 1101511
Ion Ratio Lower Upper
91 100
92 57.6 45.7 68.5





#63
Toluene-d8
Concen: 29.780 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

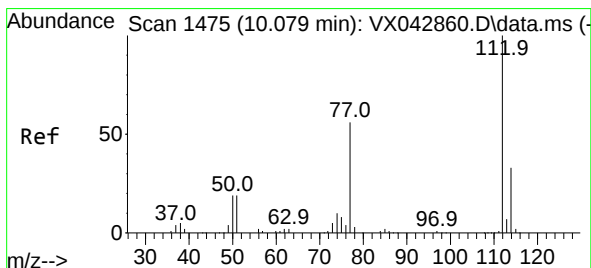
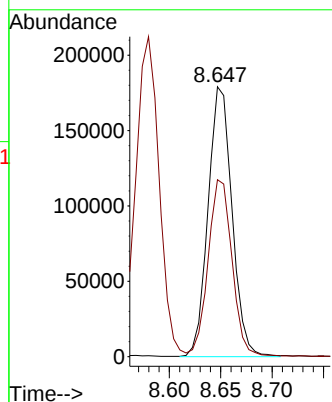
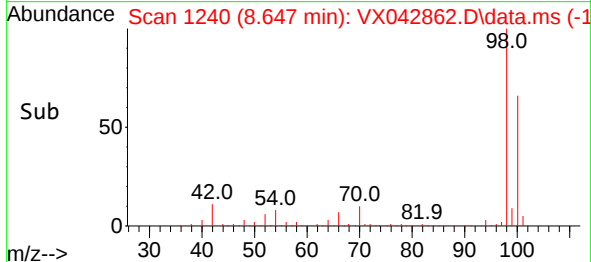
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 98 Resp: 29075
Ion Ratio Lower Upper
98 100
100 65.6 50.9 76.3

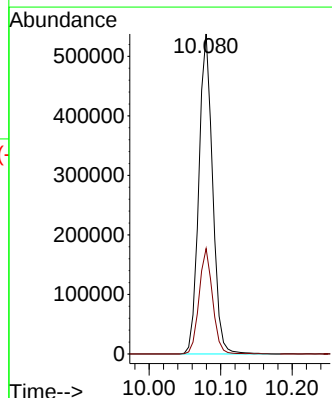
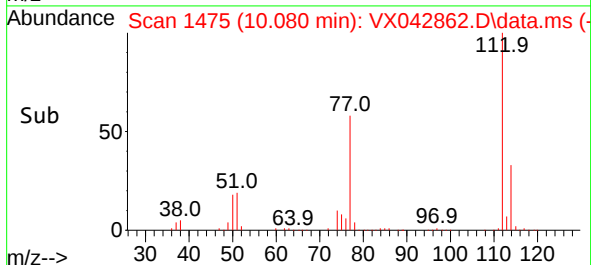
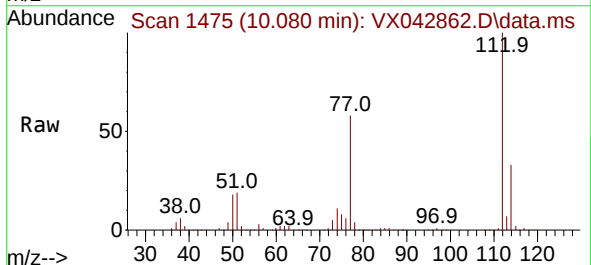
Manual Integrations
APPROVED

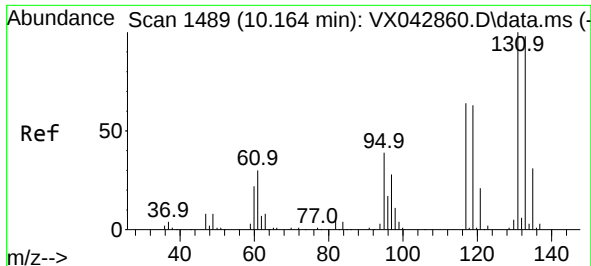
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#64
Chlorobenzene
Concen: 105.912 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

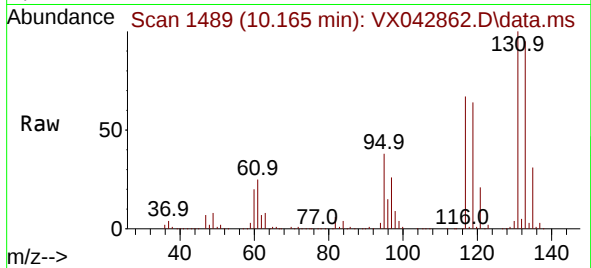
Tgt Ion:112 Resp: 717627
Ion Ratio Lower Upper
112 100
114 32.9 26.3 39.5





#65
1,1,1,2-Tetrachloroethane
Concen: 108.180 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

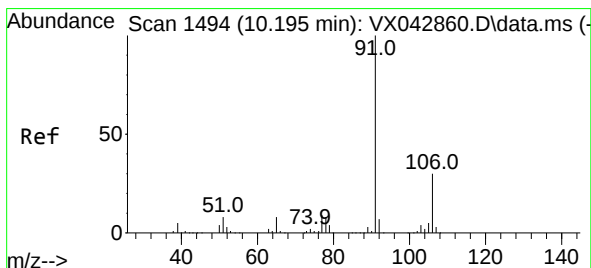
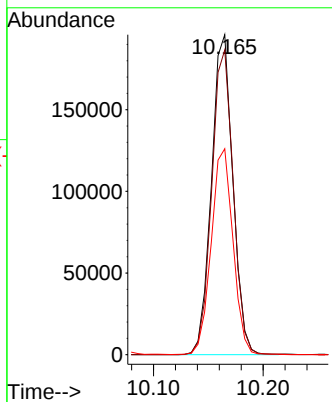
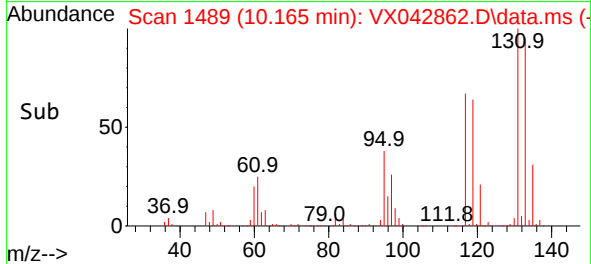
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:131 Resp: 266090
Ion Ratio Lower Upper
131 100
133 95.8 0.0 188.2
119 65.5 0.0 131.0

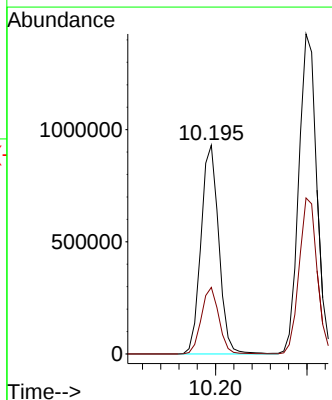
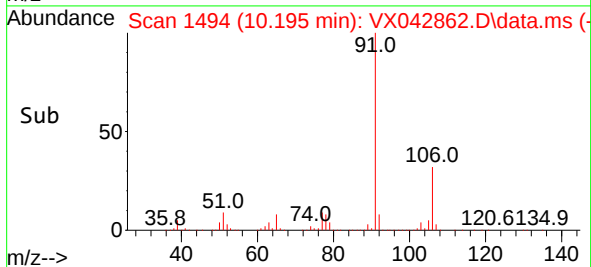
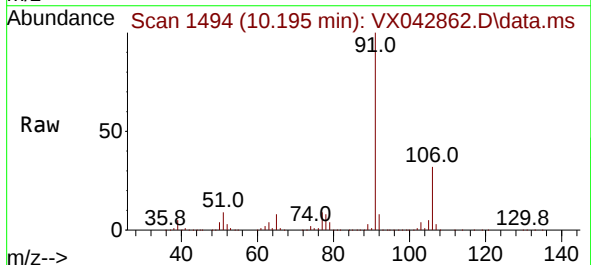
Manual Integrations
APPROVED

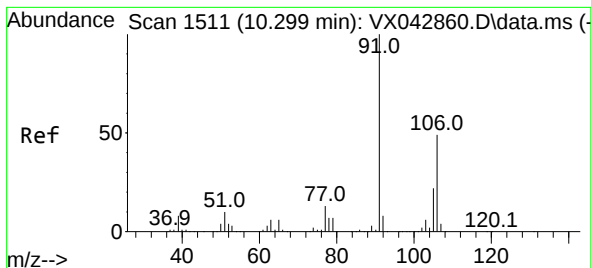
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#66
Ethyl Benzene
Concen: 107.090 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

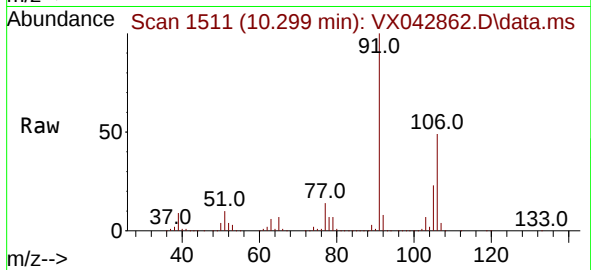
Tgt Ion: 91 Resp: 1260092
Ion Ratio Lower Upper
91 100
106 31.9 23.8 35.8





#67
m/p-Xylenes
Concen: 214.207 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

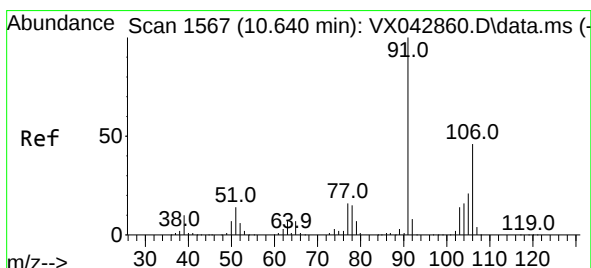
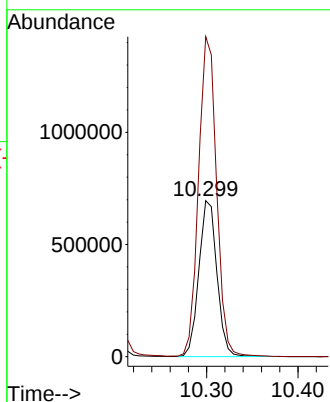
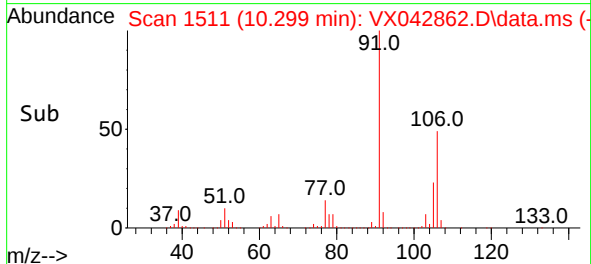
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



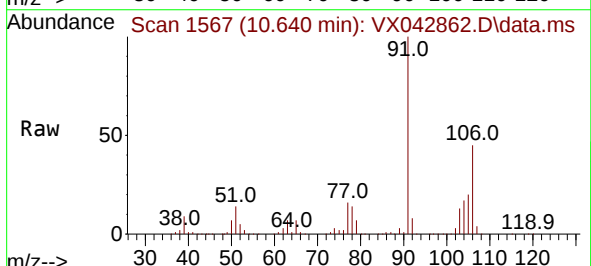
Tgt Ion:106 Resp: 95295
Ion Ratio Lower Upper
106 100
91 205.0 165.3 247.9

Manual Integrations
APPROVED

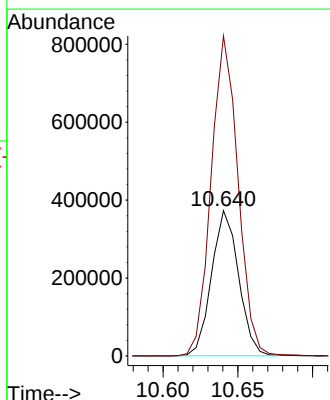
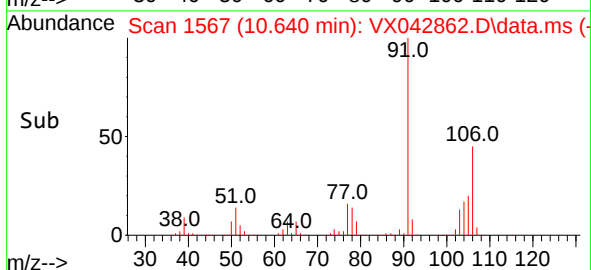
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

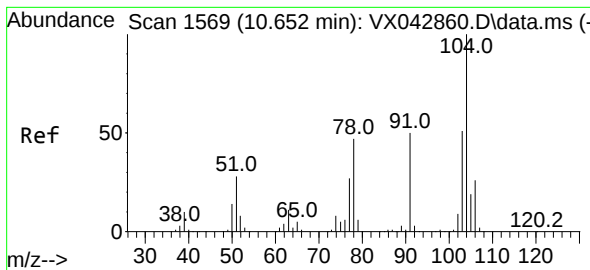


#68
o-Xylene
Concen: 107.060 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17



Tgt Ion:106 Resp: 469506
Ion Ratio Lower Upper
106 100
91 219.0 107.5 322.4





#69

Styrene

Concen: 108.711 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:104 Resp: 820930

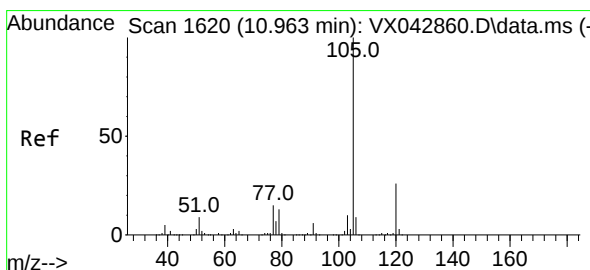
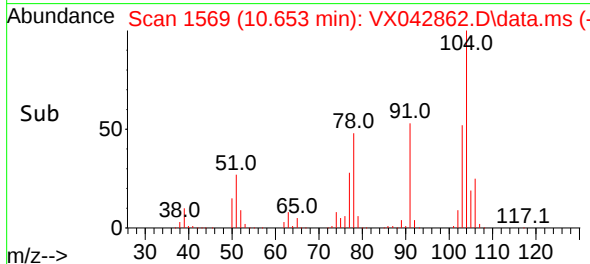
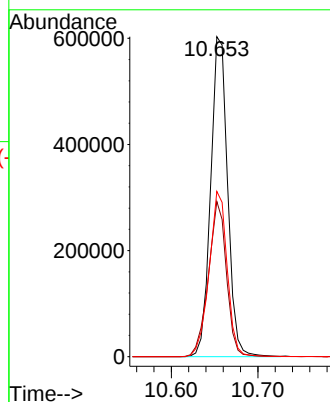
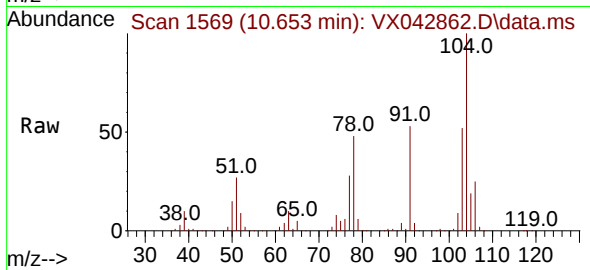
Ion	Ratio	Lower	Upper
104	100		
78	51.6	41.1	61.7
103	55.1	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#70

Isopropylbenzene

Concen: 107.509 ug/l

RT: 10.964 min Scan# 1620

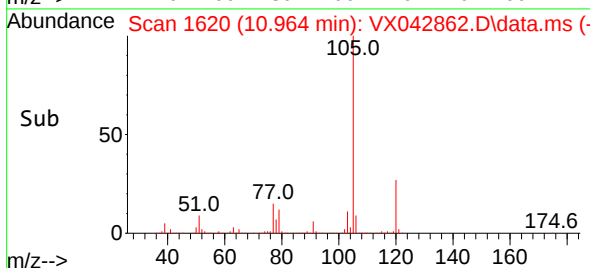
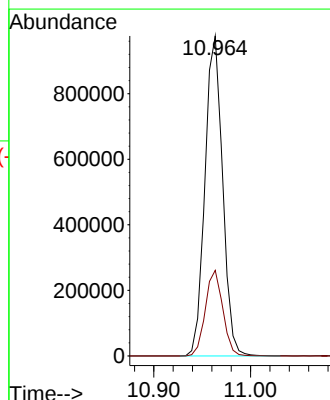
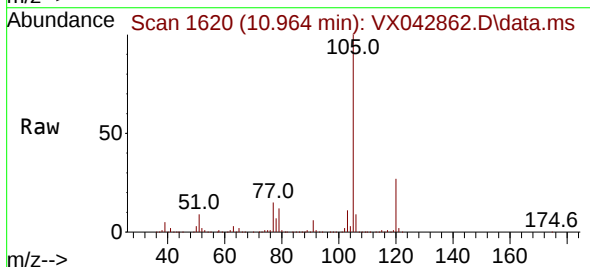
Delta R.T. 0.000 min

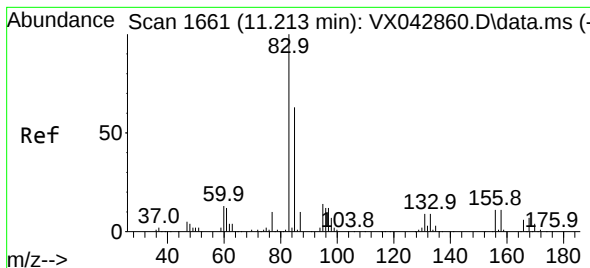
Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

Tgt Ion:105 Resp: 1240883

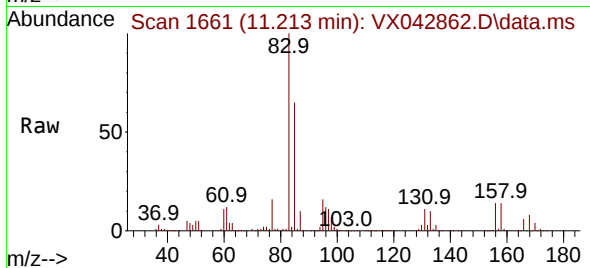
Ion	Ratio	Lower	Upper
105	100		
120	26.4	18.4	34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 108.032 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

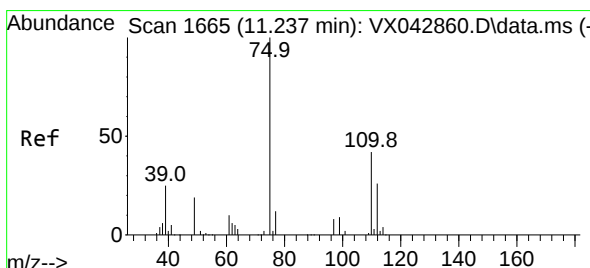
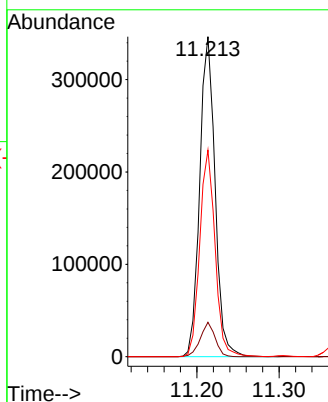
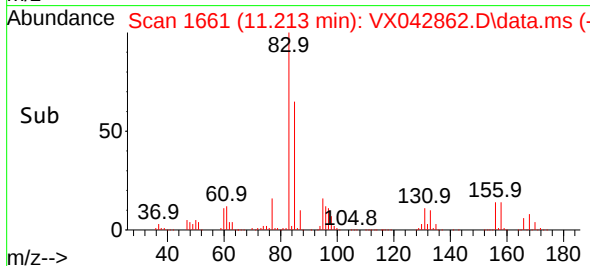
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



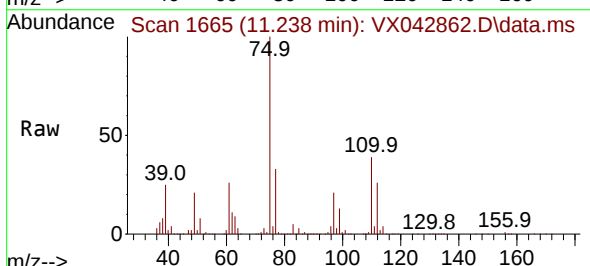
Tgt Ion: 83 Resp: 44972
Ion Ratio Lower Upper
83 100
131 10.4 4.9 14.7
85 64.3 32.0 96.2

Manual Integrations
APPROVED

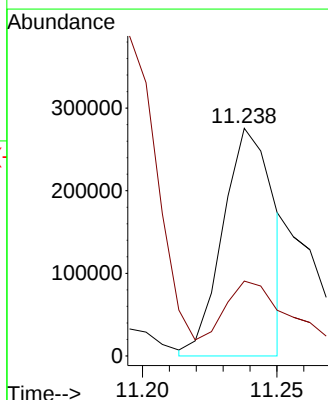
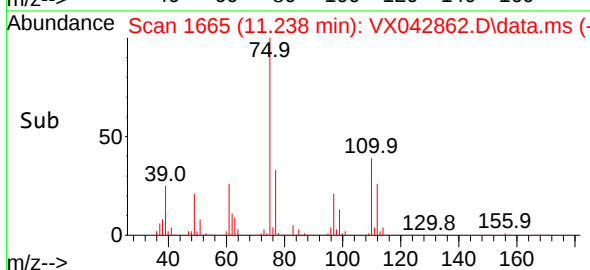
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

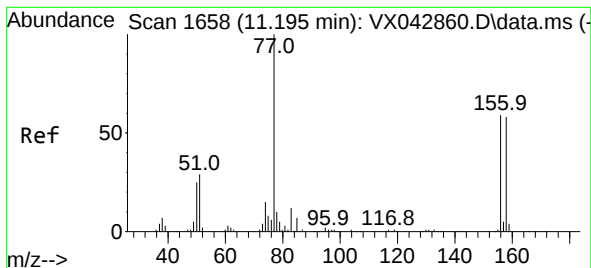


#72
1,2,3-Trichloropropane
Concen: 105.991 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17



Tgt Ion: 75 Resp: 360413
Ion Ratio Lower Upper
75 100
77 45.1 0.0 89.6





#73

Bromobenzene

Concen: 105.856 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.007 min

Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:156 Resp: 310450

Ion Ratio Lower Upper

156 100

77 158.3 0.0 317.2

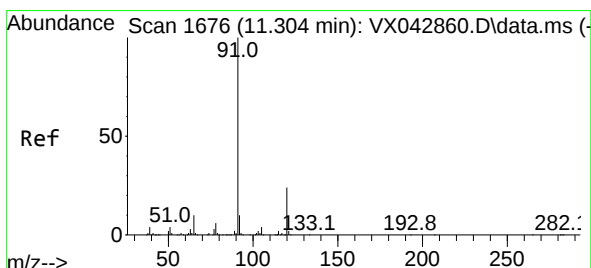
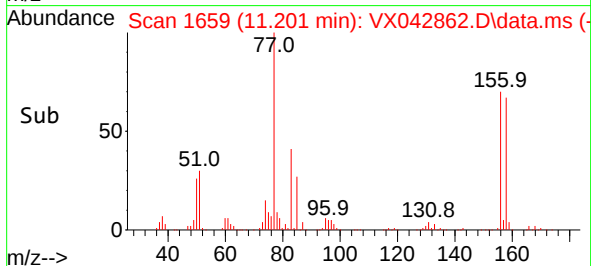
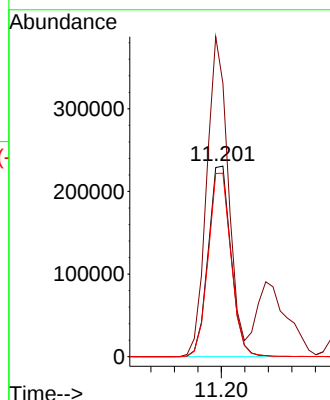
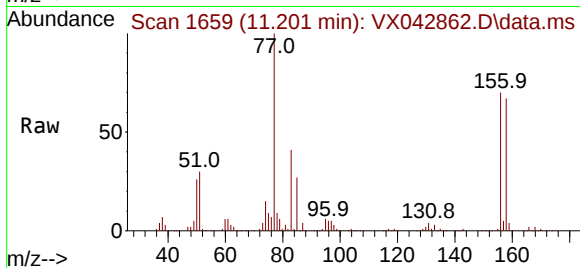
158 96.5 0.0 195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#74

n-propylbenzene

Concen: 107.152 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX042862.D

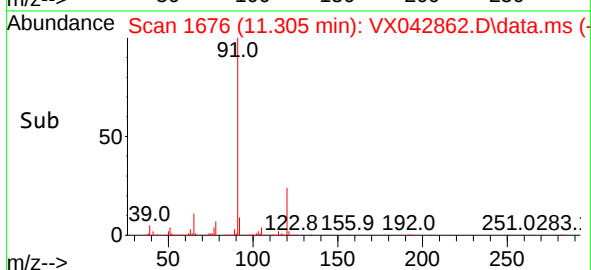
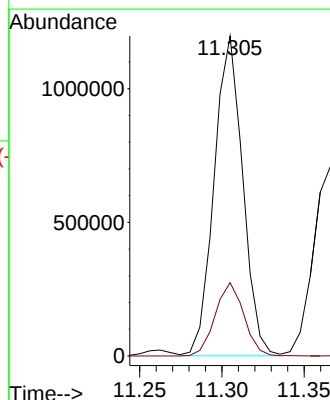
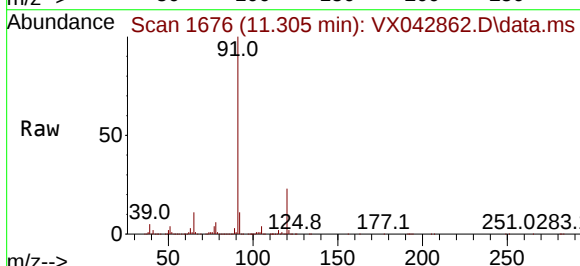
Acq: 06 Aug 2024 11:17

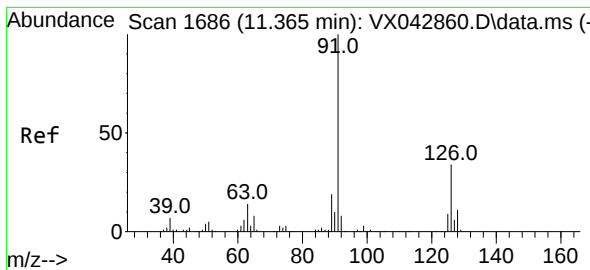
Tgt Ion: 91 Resp: 1446773

Ion Ratio Lower Upper

91 100

120 23.0 0.0 45.8





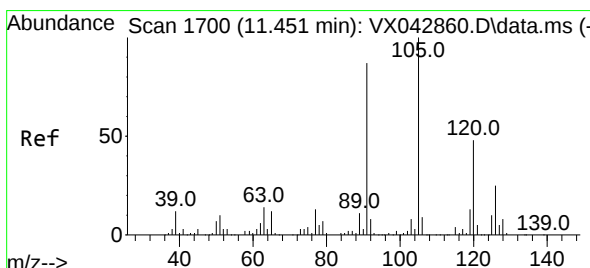
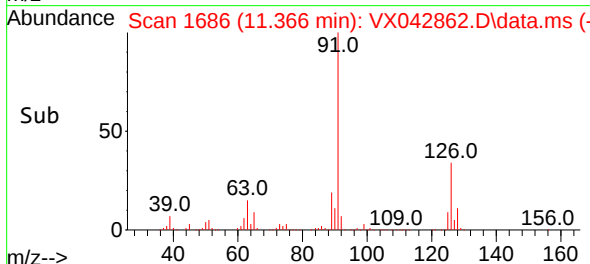
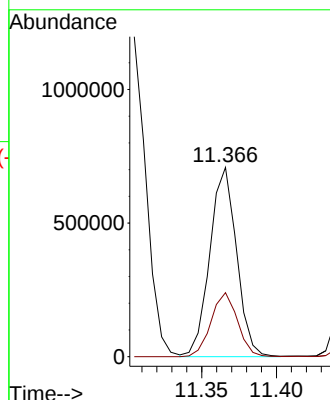
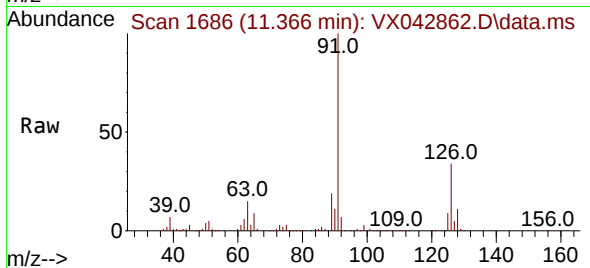
#75
2-Chlorotoluene
Concen: 107.052 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 88222
Ion Ratio Lower Upper
91 100
126 33.4 0.0 66.2

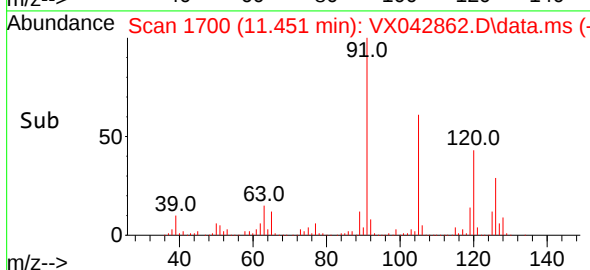
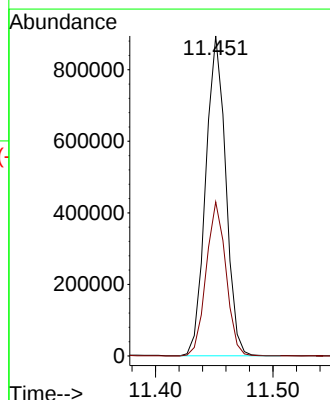
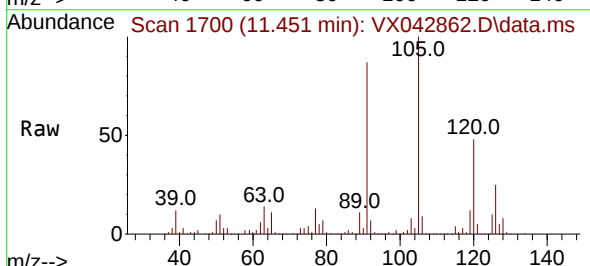
Manual Integrations
APPROVED

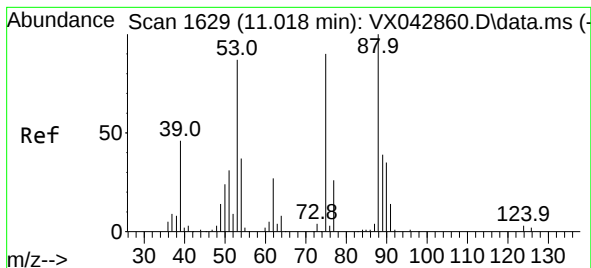
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#76
1,3,5-Trimethylbenzene
Concen: 108.051 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Tgt Ion:105 Resp: 1057048
Ion Ratio Lower Upper
105 100
120 47.6 0.0 94.8





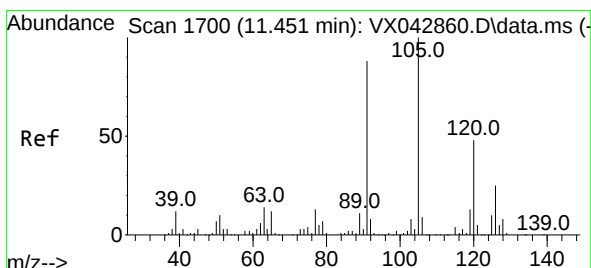
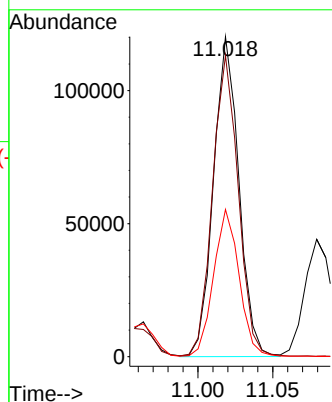
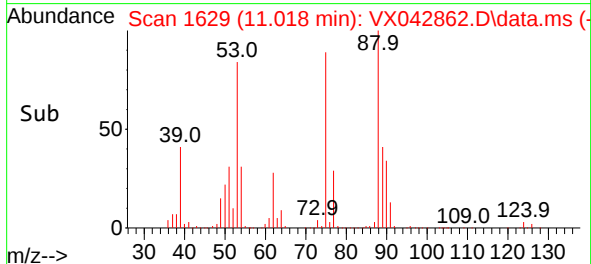
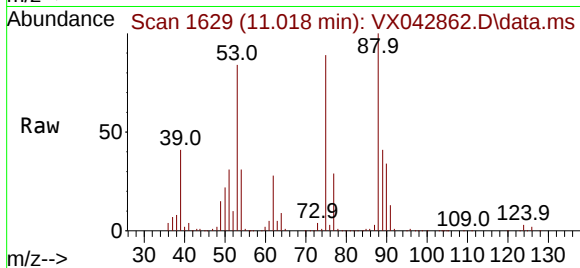
#77
t-1,4-Dichloro-2-butene
Concen: 117.218 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 14171
Ion Ratio Lower Upper
75 100
53 94.2 48.5 145.5
89 46.0 21.9 65.5

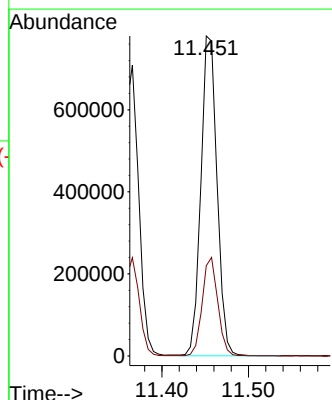
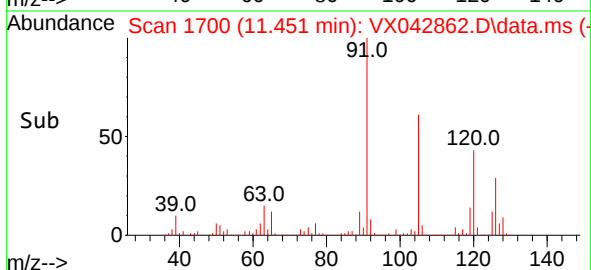
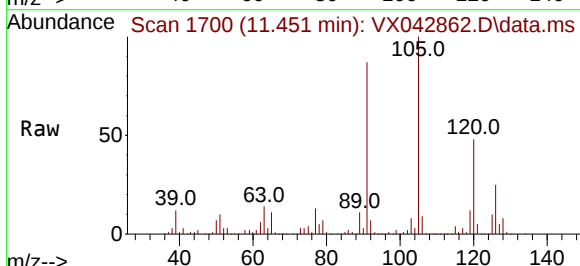
Manual Integrations
APPROVED

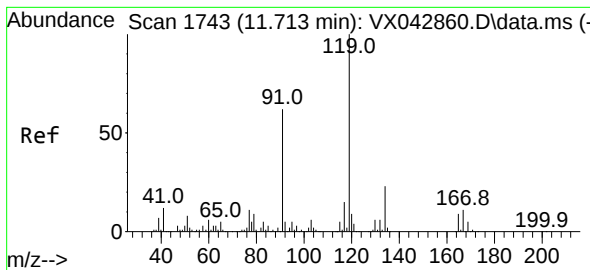
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#78
4-Chlorotoluene
Concen: 107.141 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Tgt Ion: 91 Resp: 1012640
Ion Ratio Lower Upper
91 100
126 29.5 0.0 59.4





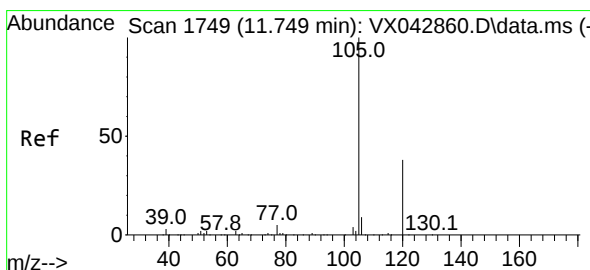
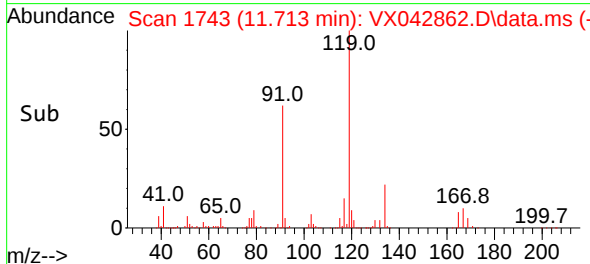
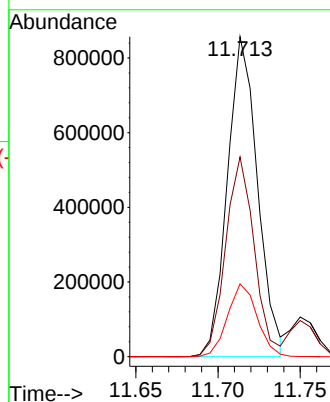
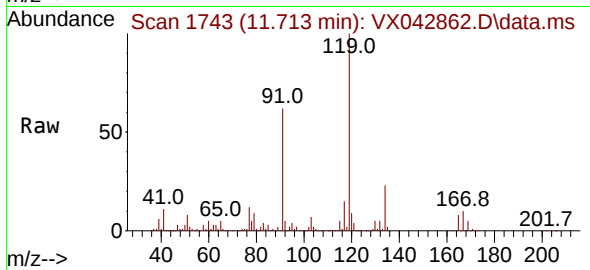
#79
tert-butylbenzene
Concen: 109.159 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 1095749
Ion Ratio Lower Upper
119 100
91 59.4 0.0 118.6
134 22.3 0.0 44.4

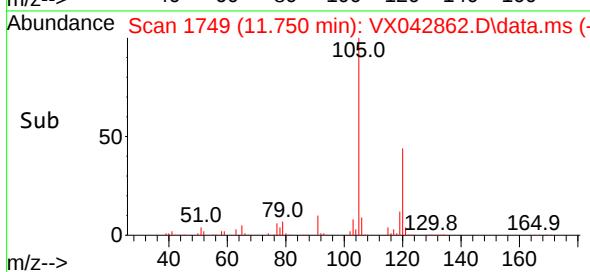
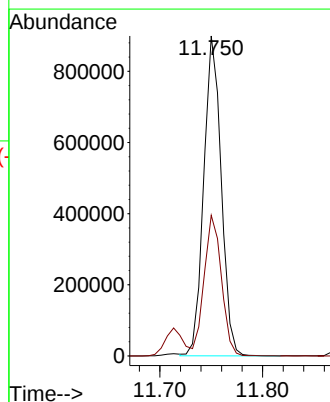
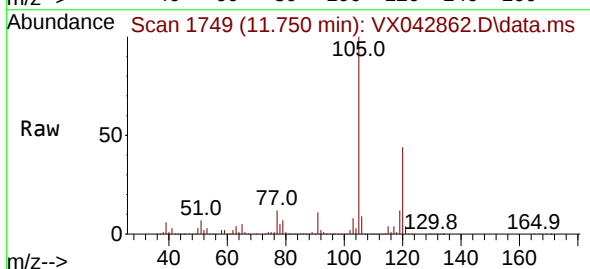
Manual Integrations
APPROVED

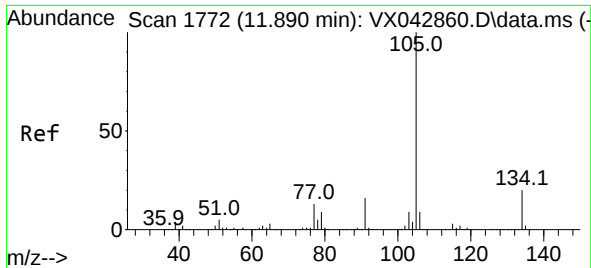
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#80
1,2,4-Trimethylbenzene
Concen: 110.283 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

Tgt Ion:105 Resp: 1064387
Ion Ratio Lower Upper
105 100
120 43.3 0.0 87.8





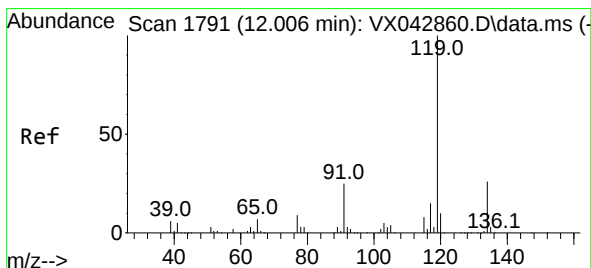
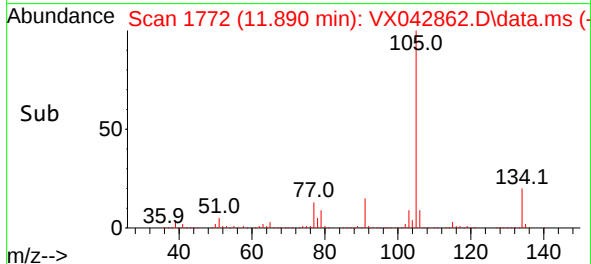
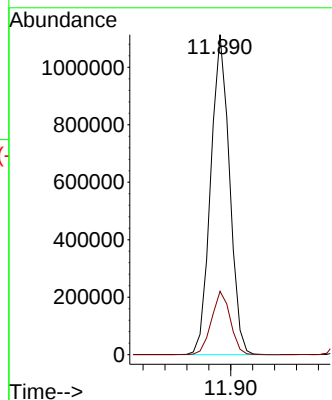
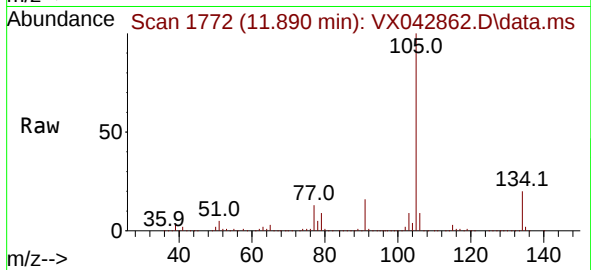
#81
 sec-Butylbenzene
 Concen: 107.798 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042862.D
 Acq: 06 Aug 2024 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion:105 Resp: 132624
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 40.0

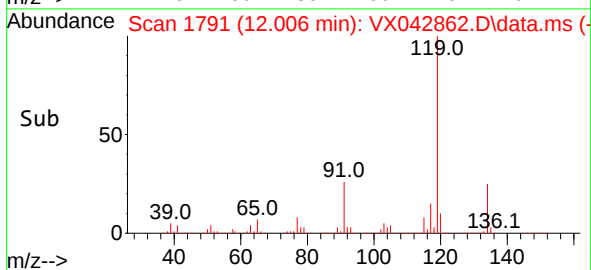
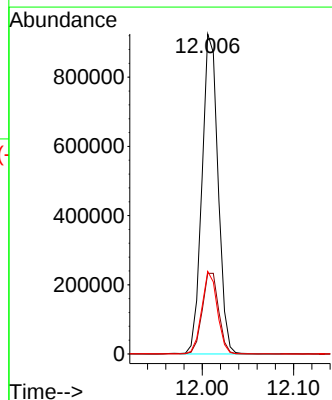
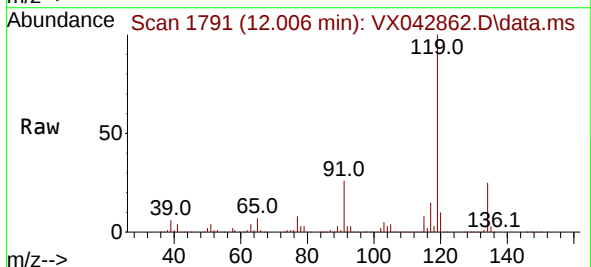
Manual Integrations
 APPROVED

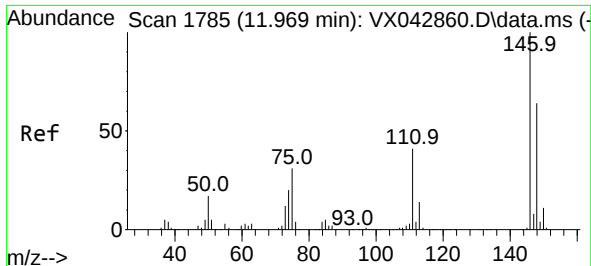
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024



#82
 p-Isopropyltoluene
 Concen: 109.456 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX042862.D
 Acq: 06 Aug 2024 11:17

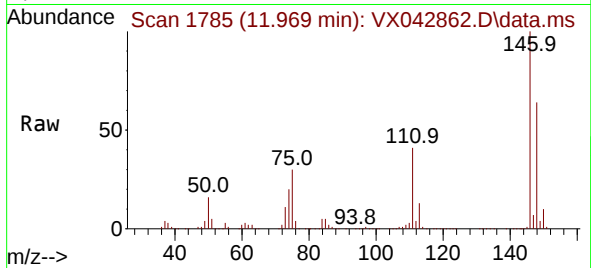
Tgt Ion:119 Resp: 1127720
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.8
 91 24.8 0.0 48.4





#83
1,3-Dichlorobenzene
Concen: 108.730 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

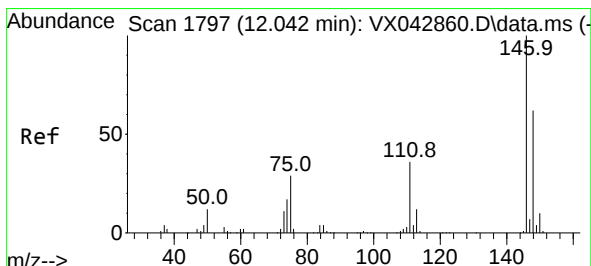
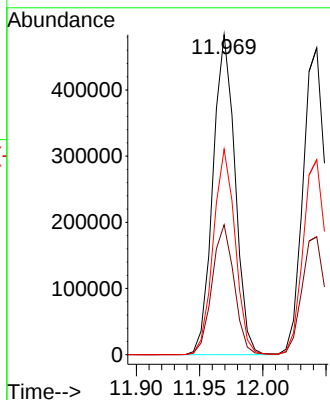
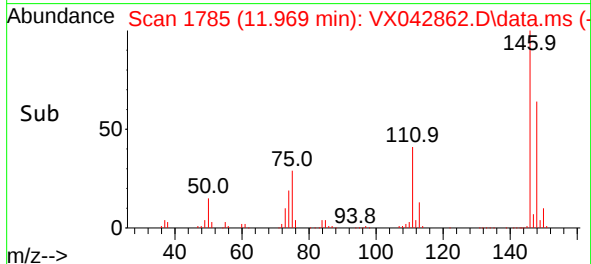
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



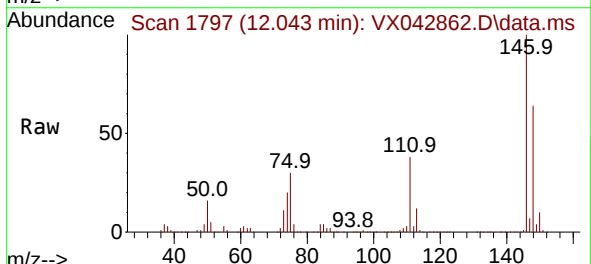
Tgt Ion:146 Resp: 586919
Ion Ratio Lower Upper
146 100
111 40.5 20.3 61.0
148 63.2 31.7 95.1

Manual Integrations
APPROVED

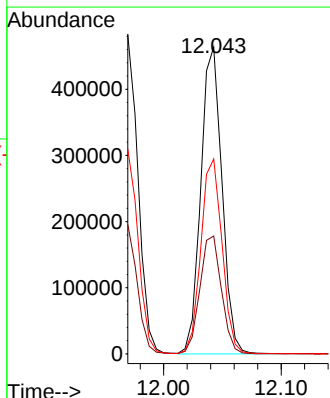
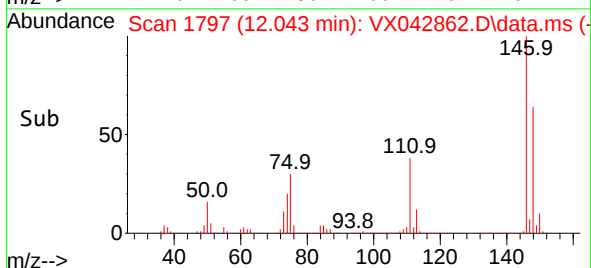
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

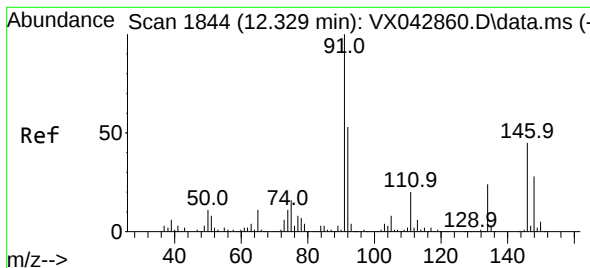


#84
1,4-Dichlorobenzene
Concen: 106.658 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17



Tgt Ion:146 Resp: 578834
Ion Ratio Lower Upper
146 100
111 39.4 19.4 58.4
148 63.6 31.4 94.2





#85

n-Butylbenzene

Concen: 109.357 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1015508

Ion Ratio Lower Upper

91 100

92 52.8 0.0 106.4

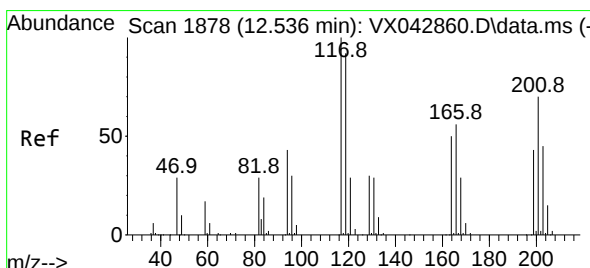
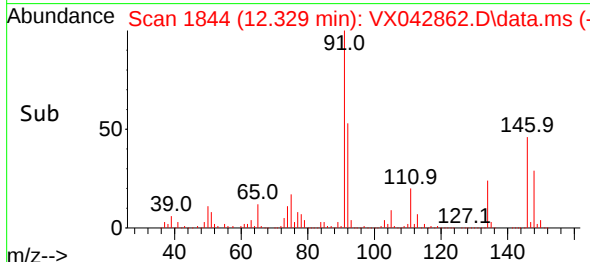
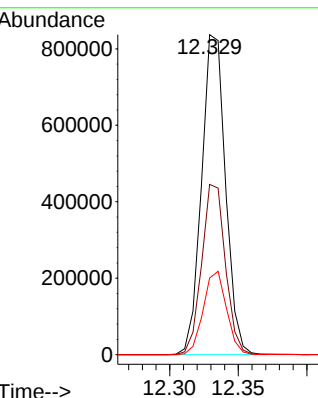
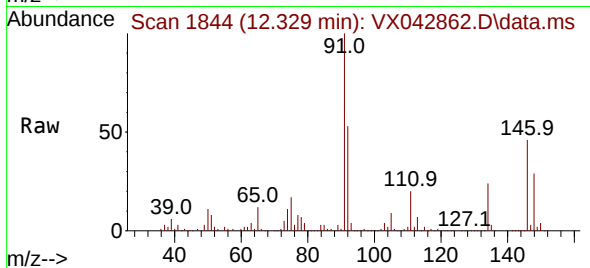
134 25.4 0.0 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#86

Hexachloroethane

Concen: 110.301 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX042862.D

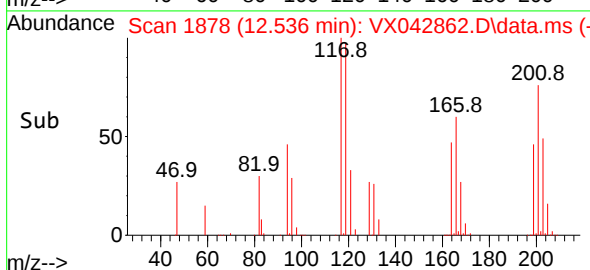
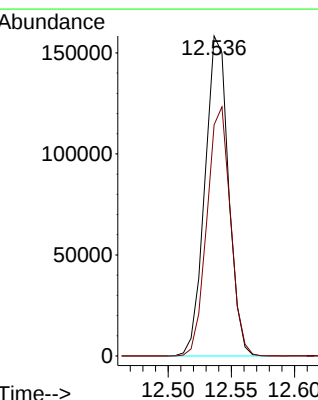
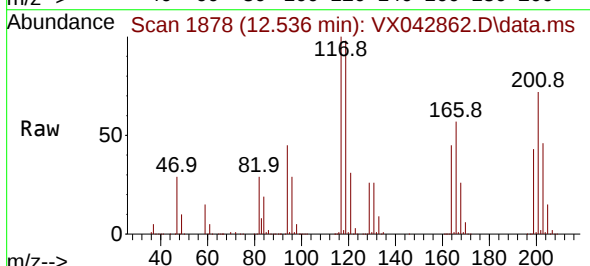
Acq: 06 Aug 2024 11:17

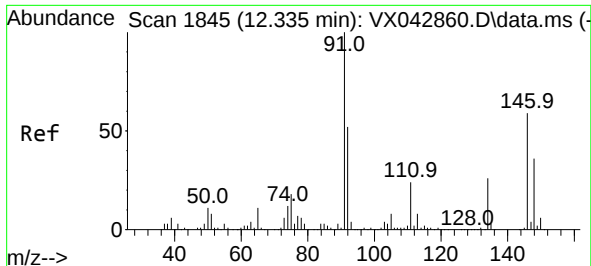
Tgt Ion:117 Resp: 205101

Ion Ratio Lower Upper

117 100

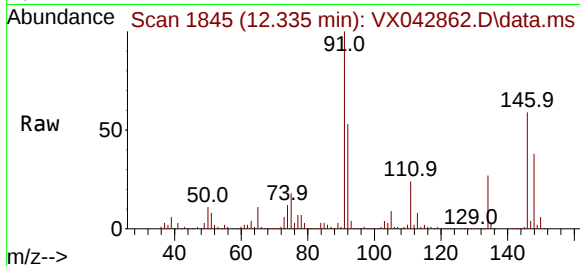
201 77.6 37.5 112.7





#87
1,2-Dichlorobenzene
Concen: 108.700 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

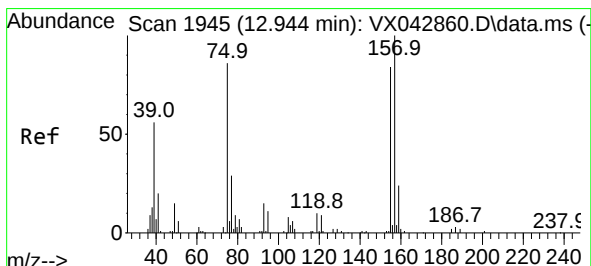
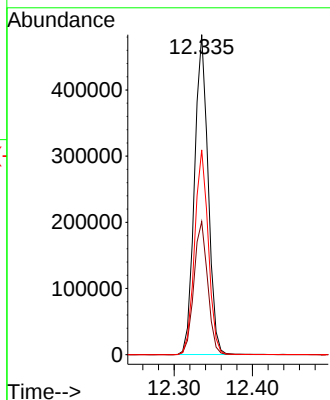
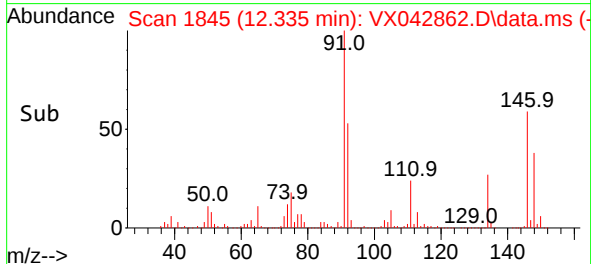
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



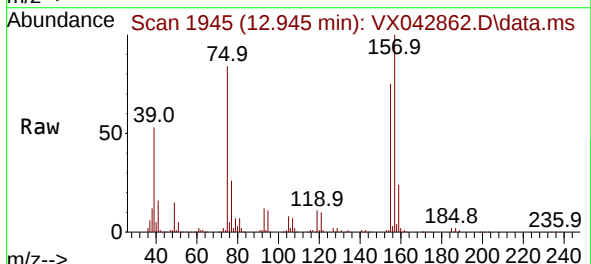
Tgt Ion:146 Resp: 58452
Ion Ratio Lower Upper
146 100
111 42.1 21.0 63.0
148 64.2 30.8 92.4

Manual Integrations
APPROVED

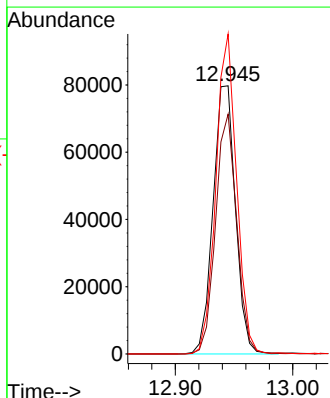
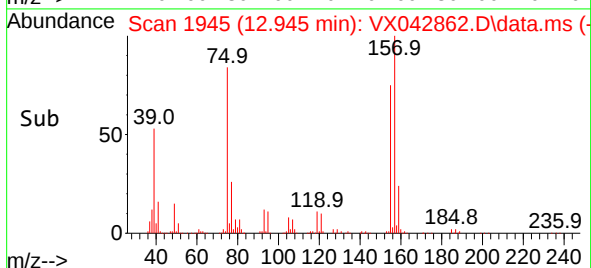
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

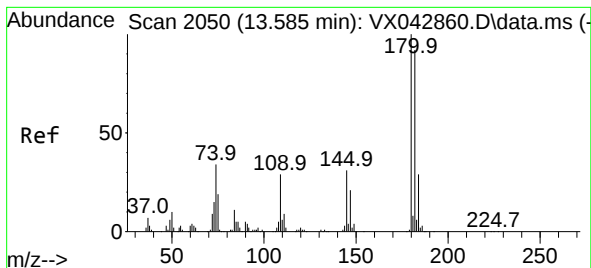


#88
1,2-Dibromo-3-Chloropropane
Concen: 112.493 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17



Tgt Ion: 75 Resp: 105791
Ion Ratio Lower Upper
75 100
155 84.4 68.7 103.1
157 110.1 86.7 130.1





#89

1,2,4-Trichlorobenzene

Concen: 109.083 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

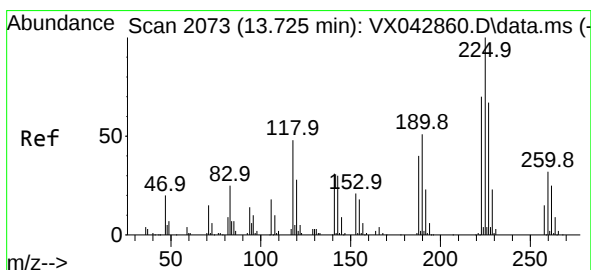
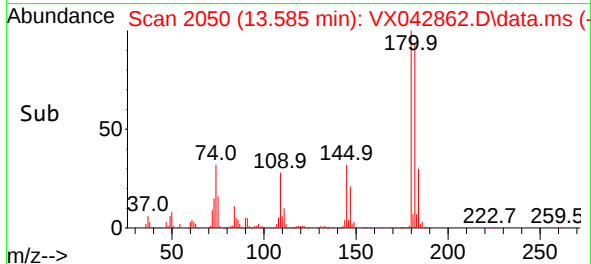
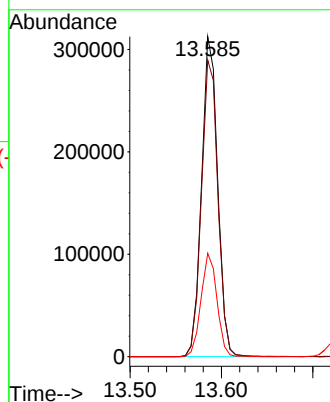
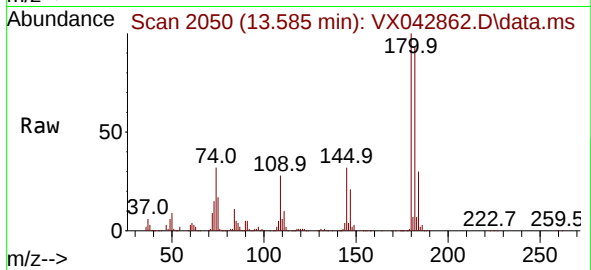
Tgt Ion:180	Resp: 381620
Ion Ratio	Lower Upper
180 100	
182 94.7	73.1 109.7
145 31.9	24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#90

Hexachlorobutadiene

Concen: 107.674 ug/l

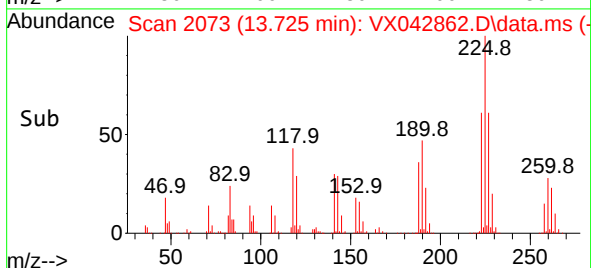
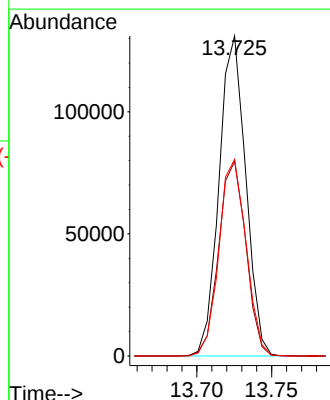
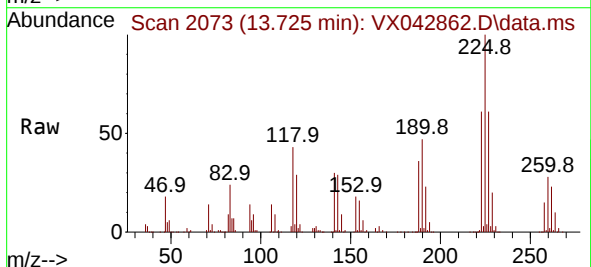
RT: 13.725 min Scan# 2073

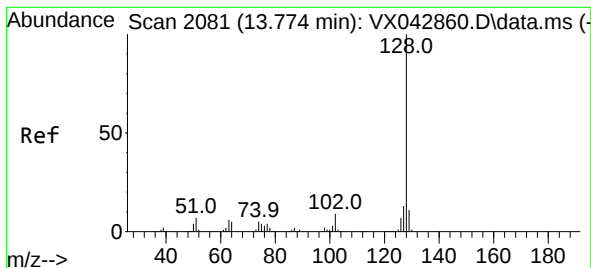
Delta R.T. 0.000 min

Lab File: VX042862.D

Acq: 06 Aug 2024 11:17

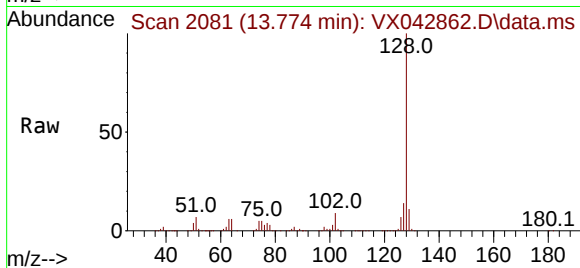
Tgt Ion:225	Resp: 162786
Ion Ratio	Lower Upper
225 100	
223 61.8	0.0 135.0
227 62.3	0.0 130.4





#91
Naphthalene
Concen: 112.921 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17

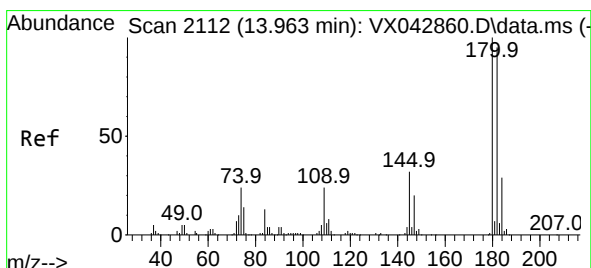
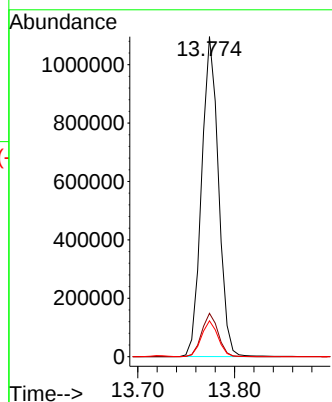
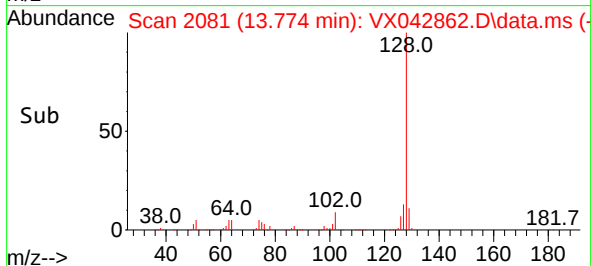
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



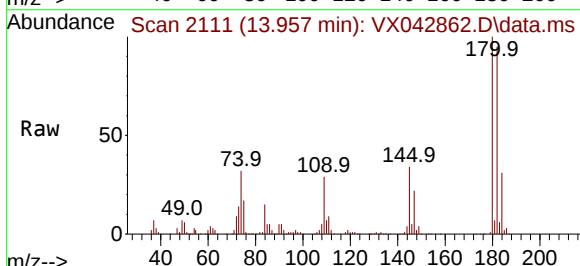
Tgt Ion:128 Resp: 1329870
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.1 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 109.146 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX042862.D
Acq: 06 Aug 2024 11:17



Tgt Ion:180 Resp: 385609
Ion Ratio Lower Upper
180 100
182 95.8 0.0 185.8
145 33.9 0.0 65.2

