

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051122\
 Data File : VX028612.D
 Acq On : 11 May 2022 10:42
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

Quant Time: May 12 04:52:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 06:09:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	53306	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	292649	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	274618	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	107245	31.635	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 105.467%		
60) 4-Bromofluorobenzene	11.079	95	127593	29.876	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 99.600%		
63) Toluene-d8	8.647	98	358159	30.787	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 102.633%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	37901	20.095	ug/l	96
3) Chloromethane	1.294	50	30833	20.737	ug/l	96
4) Vinyl Chloride	1.374	62	40633	21.498	ug/l	97
5) Bromomethane	1.605	94	32410	20.813	ug/l	97
6) Chloroethane	1.685	64	33289	22.870	ug/l	100
7) Trichlorofluoromethane	1.886	101	90274	21.843	ug/l	98
8) Diethyl Ether	2.130	74	35588	21.833	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	50233	20.668	ug/l	96
10) 1,1-Dichloroethene	2.319	96	41300	20.551	ug/l	94
11) Methyl Iodide	2.453	142	49292	18.262	ug/l	99
12) Methyl Acetate	2.703	43	69080	21.532	ug/l	96
13) Acrolein	2.233	56	53421	82.061	ug/l	99
14) Acrylonitrile	3.062	53	153873	105.350	ug/l	99
15) Acetone	2.373	58	43375	104.856	ug/l	89
16) Carbon Disulfide	2.514	76	51556	21.707	ug/l	98
17) Allyl chloride	2.666	41	59643	19.751	ug/l	81
18) Methylene Chloride	2.788	84	53830	20.848	ug/l	90
19) trans-1,2-Dichloroethene	3.093	96	45686	20.578	ug/l	91
20) Diisopropyl ether	3.757	45	155249	20.684	ug/l	95
21) 1,1-Dichloroethane	3.611	63	92863	20.933	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	63465	20.306	ug/l	98
23) tert-Butyl Alcohol	2.953	59	74429	94.354	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	178053	20.150	ug/l	97
25) Chloroform	5.092	83	109500	21.006	ug/l	95
26) Cyclohexane	5.470	56	56925	20.297	ug/l #	91
29) 1,1-Dichloropropene	5.690	75	65535	21.054	ug/l	98
30) 2-Butanone	4.550	43	207976	106.012	ug/l	93
31) 2,2-Dichloropropane	4.477	77	72985	19.092	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	91883	20.994	ug/l	99
33) Carbon Tetrachloride	5.678	117	76773	20.614	ug/l	98
34) Benzene	6.037	78	207451	20.925	ug/l	96
35) Methacrylonitrile	4.916	41	41161	20.832	ug/l	84
36) 1,2-Dichloroethane	6.086	62	78149	21.151	ug/l	96
37) Trichloroethene	7.123	130	62852	20.697	ug/l	100
38) Methylcyclohexane	7.379	83	65566	20.568	ug/l	95
39) 1,2-Dichloropropane	7.427	63	56066	21.514	ug/l	98
40) Dibromomethane	7.580	93	42898	21.461	ug/l	97
41) Bromodichloromethane	7.824	83	82407	21.725	ug/l	99
42) Vinyl Acetate	3.721	43	647490	106.496	ug/l	97

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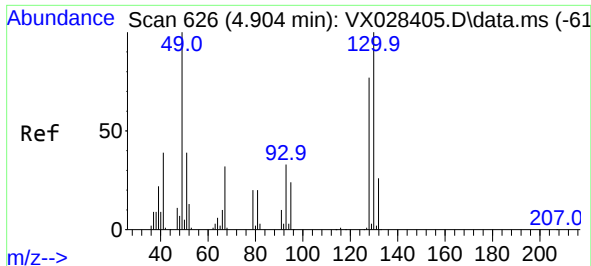
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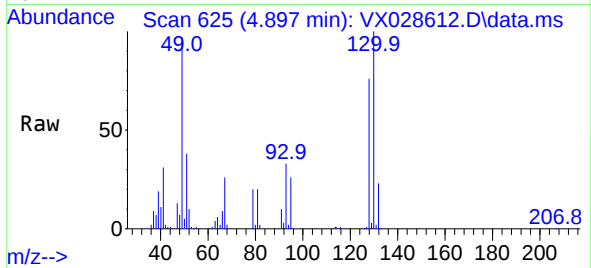
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	74953	20.416	ug/l	98
44) Isopropyl Acetate	6.336	43	117851	19.910	ug/l	99
45) 1,4-Dioxane	7.659	88	33629	436.289	ug/l	90
46) Methyl methacrylate	7.690	41	57191	21.141	ug/l	82
47) n-amyl Acetate	10.841	43	104143	20.322	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	79361	19.920	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	86053	20.102	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	66949	21.299	ug/l	99
51) Ethyl methacrylate	9.116	69	91381	20.316	ug/l	94
52) 1,3-Dichloropropane	9.305	76	105214	21.395	ug/l	100
53) Dibromochloromethane	9.525	129	66750	20.756	ug/l	99
54) 1,2-Dibromoethane	9.610	107	69133	21.141	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	235157	99.578	ug/l	99
56) Bromoform	10.799	173	49796	20.087	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	427335	106.970	ug/l	95
59) 2-Hexanone	9.427	43	328242	106.164	ug/l	95
61) Tetrachloroethene	9.275	164	60443	19.952	ug/l	96
62) Toluene	8.720	91	249826	20.975	ug/l	97
64) Chlorobenzene	10.079	112	174439	20.760	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	65373	19.920	ug/l	98
66) Ethyl Benzene	10.195	91	287909	20.503	ug/l	100
67) m/p-Xylenes	10.305	106	233431	41.470	ug/l	97
68) o-Xylene	10.640	106	115567	20.202	ug/l	99
69) Styrene	10.659	104	194523	20.359	ug/l	97
70) Isopropylbenzene	10.963	105	308360	20.718	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	108524	21.476	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	94395m	20.993	ug/l	
73) Bromobenzene	11.201	156	79831	19.893	ug/l	96
74) n-propylbenzene	11.305	91	346715	20.893	ug/l	99
75) 2-Chlorotoluene	11.366	91	214036	20.820	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	261695	20.969	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	24382	17.908	ug/l	88
78) 4-Chlorotoluene	11.457	91	238956	20.551	ug/l	96
79) tert-butylbenzene	11.713	119	258509	20.417	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	262860	20.983	ug/l	97
81) sec-Butylbenzene	11.890	105	316979	21.121	ug/l	99
82) p-Isopropyltoluene	12.012	119	268797	20.634	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	153297	20.366	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	155256	20.288	ug/l	98
85) n-Butylbenzene	12.335	91	217063	20.646	ug/l	99
86) Hexachloroethane	12.536	117	42401	20.685	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	156247	20.612	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	21381	19.808	ug/l	96
89) 1,2,4-Trichlorobenzene	13.591	180	93444	19.735	ug/l	98
90) Hexachlorobutadiene	13.725	225	40531	20.191	ug/l	99
91) Naphthalene	13.774	128	312403	18.881	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	93681	19.737	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

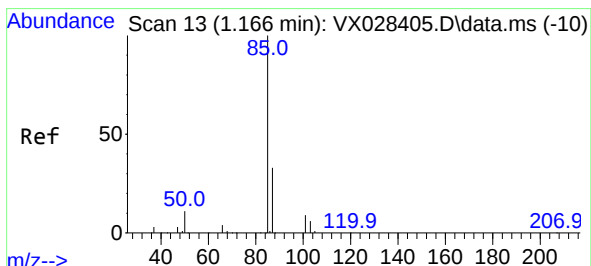
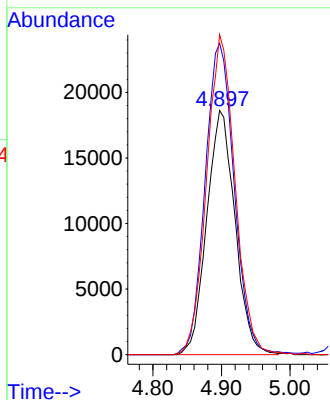
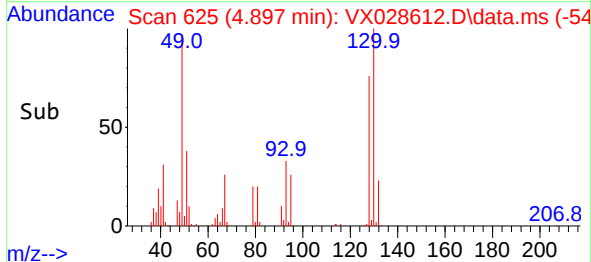
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 53300
Ion Ratio Lower Upper
128 100
49 131.7 0.0 358.3
130 131.7 0.0 319.3

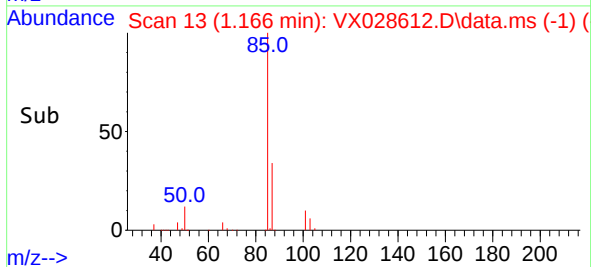
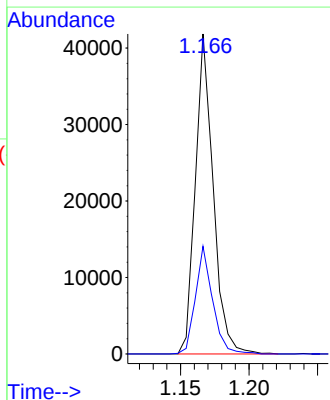
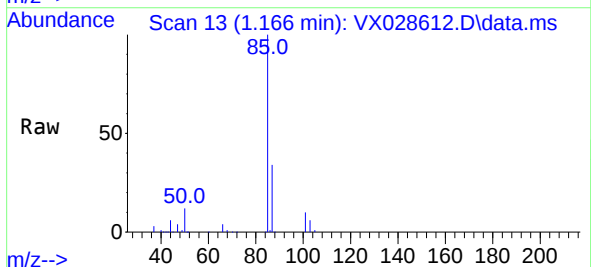
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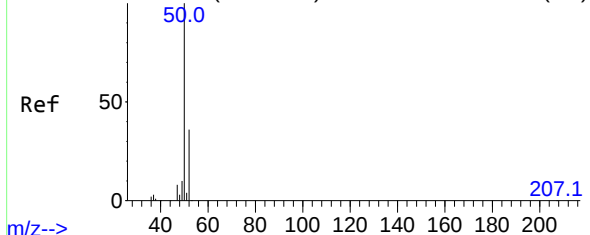


#2
Dichlorodifluoromethane
Concen: 20.095 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Tgt Ion: 85 Resp: 37901
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8



Abundance Scan 34 (1.294 min): VX028405.D\data.ms (-30)



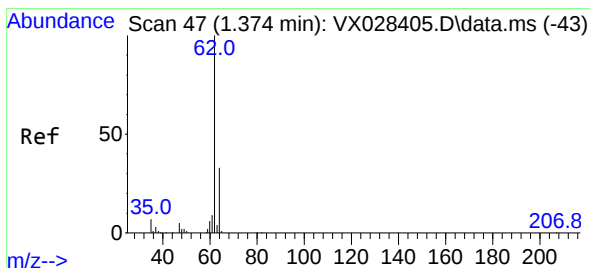
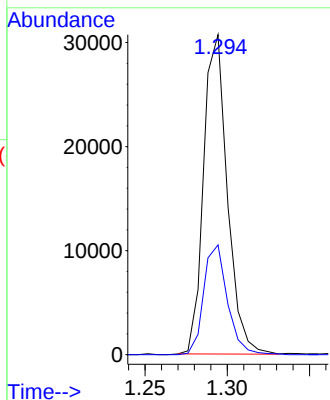
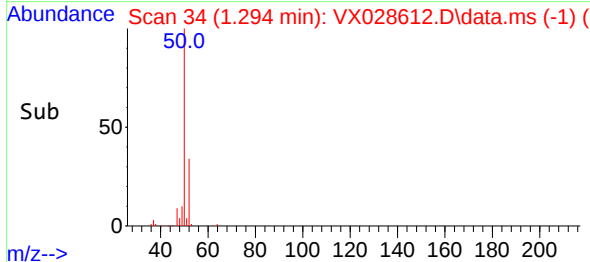
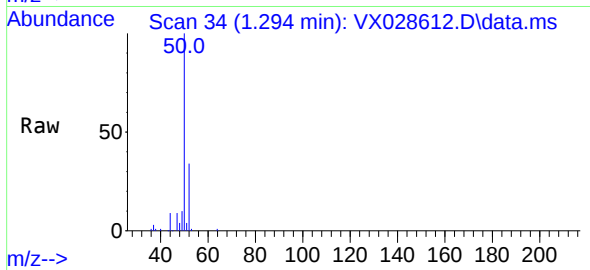
#3
Chloromethane
Concen: 20.737 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 3083
Ion Ratio Lower Upper
50 100
52 34.4 25.6 38.4

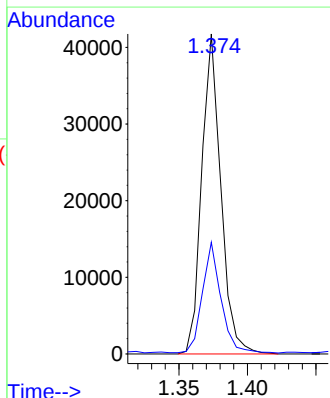
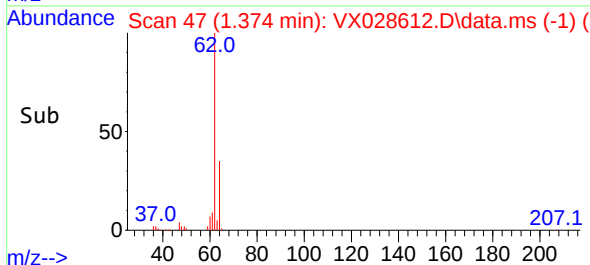
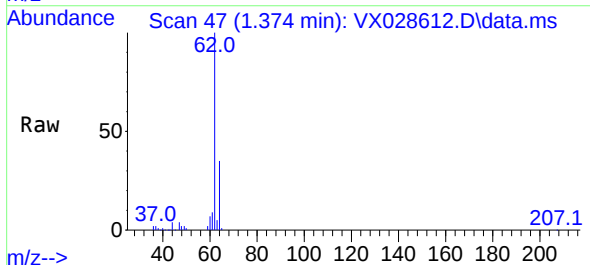
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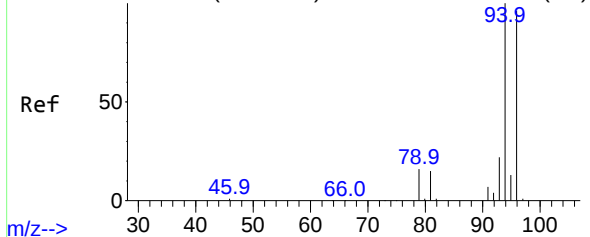


#4
Vinyl Chloride
Concen: 21.498 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Tgt Ion: 62 Resp: 40633
Ion Ratio Lower Upper
62 100
64 34.6 26.2 39.2

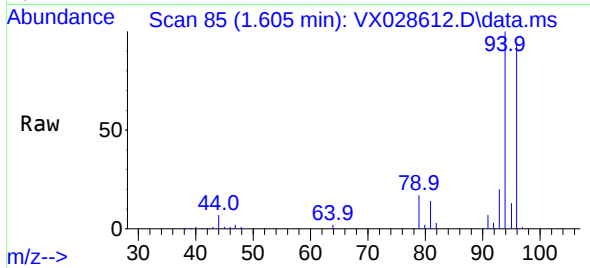


Abundance Scan 85 (1.605 min): VX028405.D\data.ms (-80)



#5
Bromomethane
Concen: 20.813 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

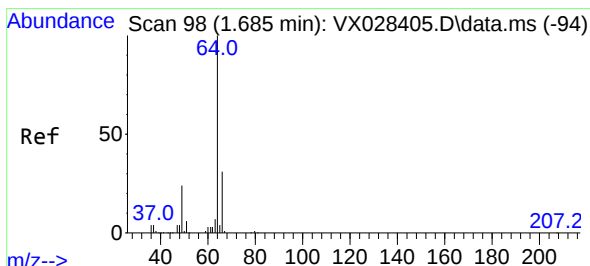
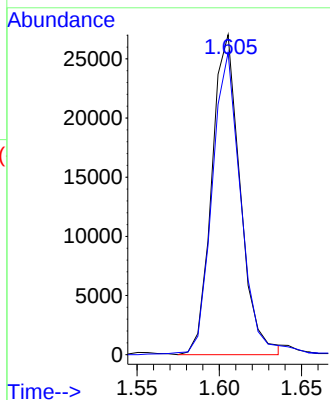
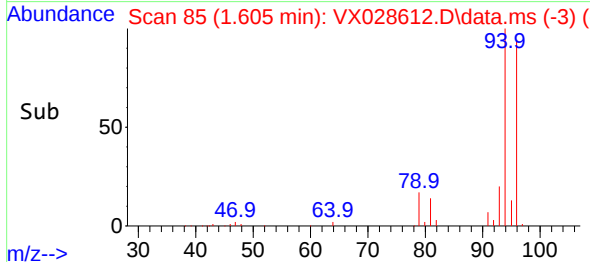
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 32410
Ion Ratio Lower Upper
94 100
96 93.8 77.0 115.6

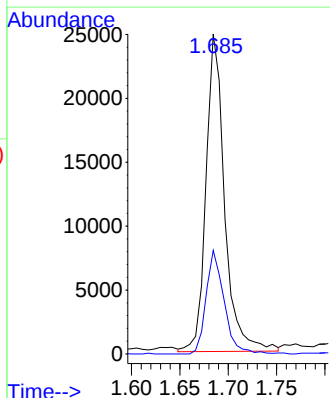
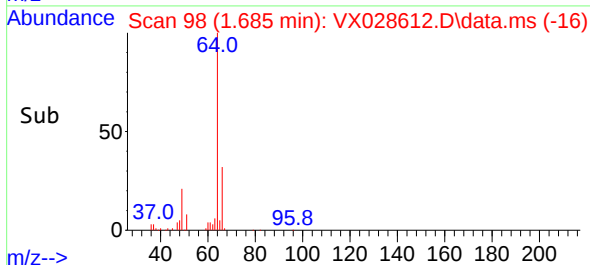
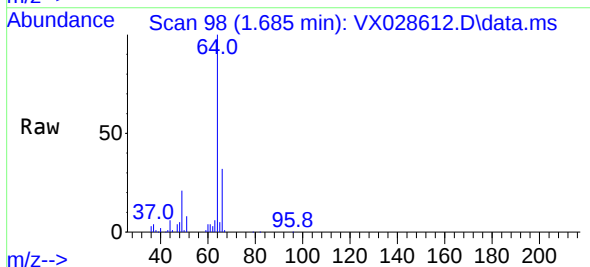
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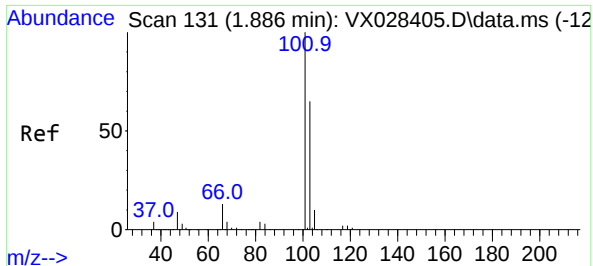
Reviewed By :John Carlone 05/12/2022
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#6
Chloroethane
Concen: 22.870 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

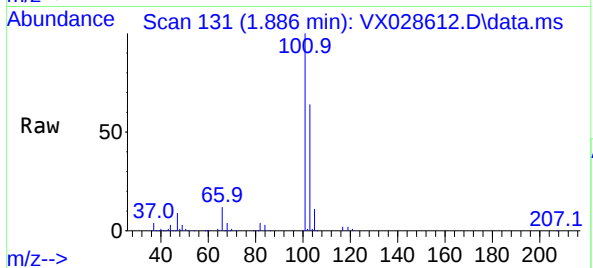
Tgt Ion: 64 Resp: 33289
Ion Ratio Lower Upper
64 100
66 32.8 26.4 39.6





#7
Trichlorofluoromethane
Concen: 21.843 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

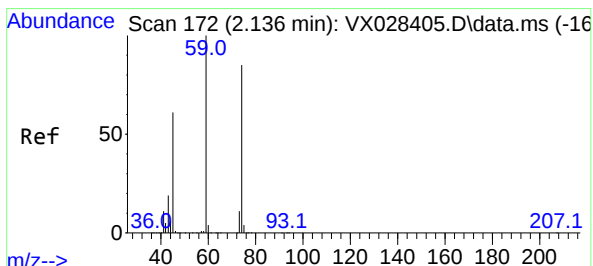
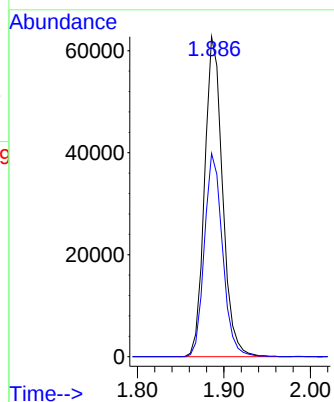
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:101 Resp: 90274
Ion Ratio Lower Upper
101 100
103 63.5 49.6 74.4

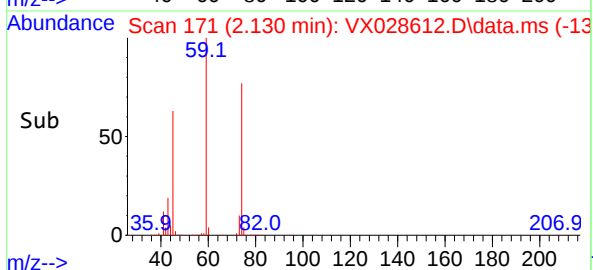
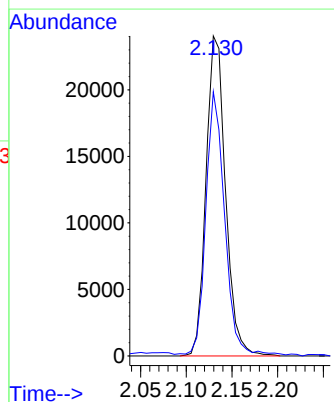
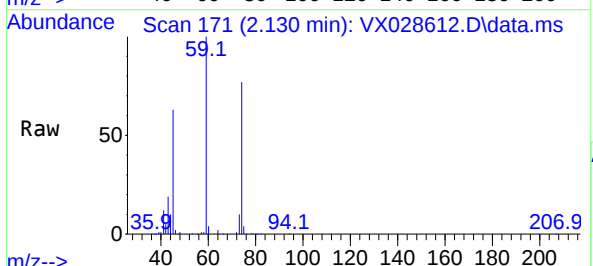
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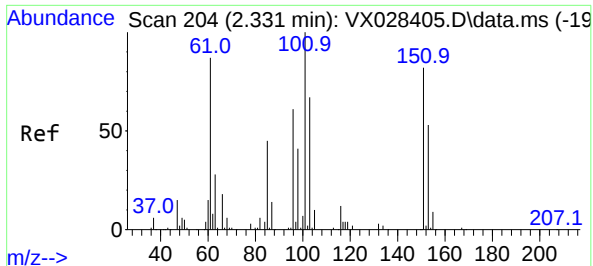
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#8
Diethyl Ether
Concen: 21.833 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Tgt Ion: 74 Resp: 35588
Ion Ratio Lower Upper
74 100
45 77.0 18.7 168.7





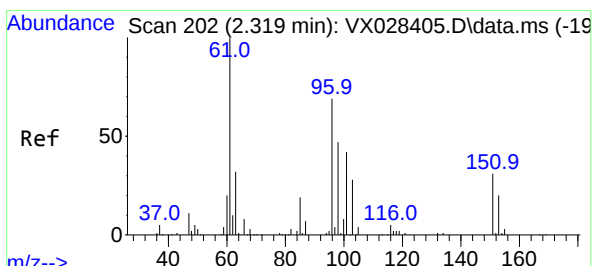
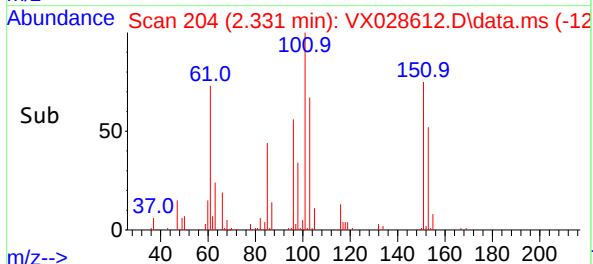
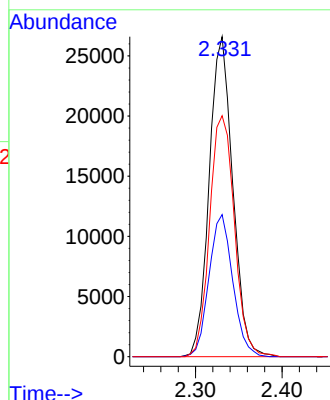
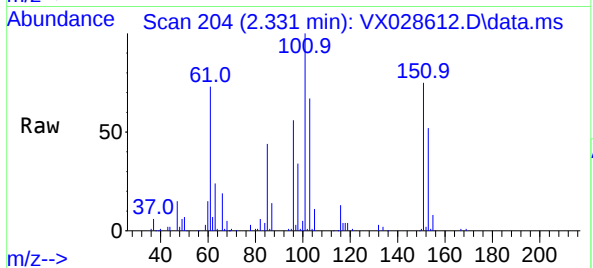
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.668 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 5023
Ion Ratio Lower Upper
101 100
85 44.8 0.0 84.6
151 79.2 0.0 165.4

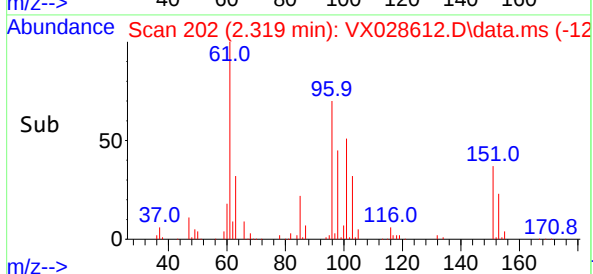
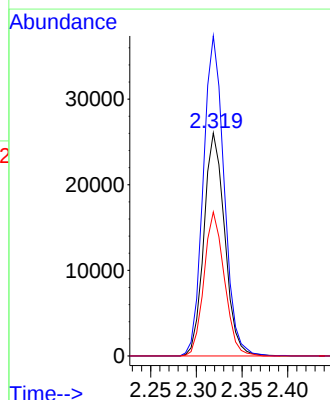
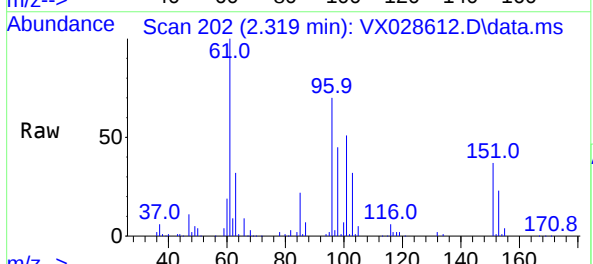
Manual Integrations
APPROVED

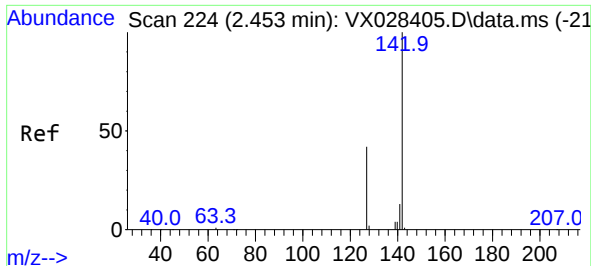
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#10
1,1-Dichloroethene
Concen: 20.551 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

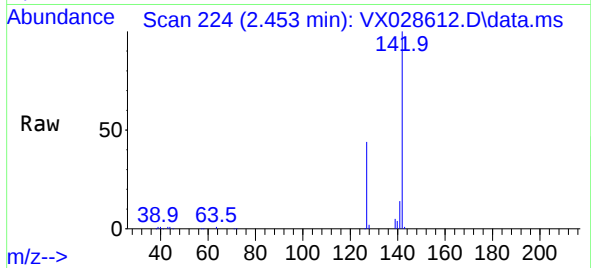
Tgt Ion: 96 Resp: 41300
Ion Ratio Lower Upper
96 100
61 143.5 122.6 183.8
98 64.6 50.1 75.1





#11
Methyl Iodide
Concen: 18.262 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

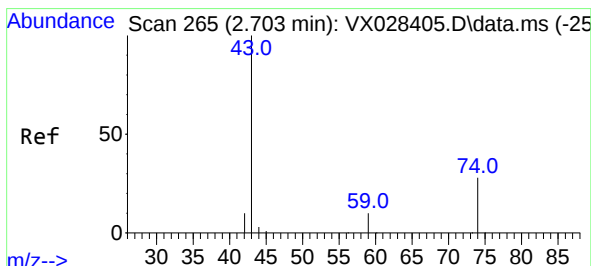
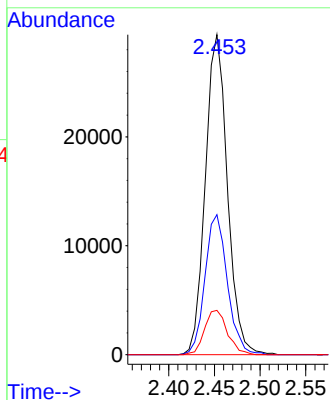
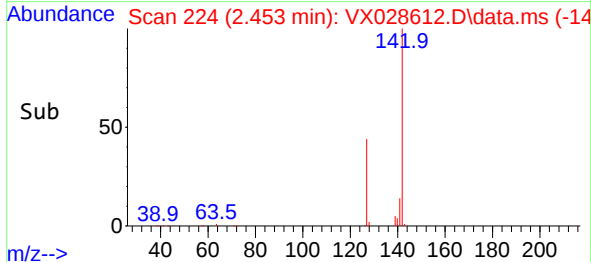
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 49292
Ion Ratio Lower Upper
142 100
127 43.8 22.3 66.9
141 13.9 7.0 20.9

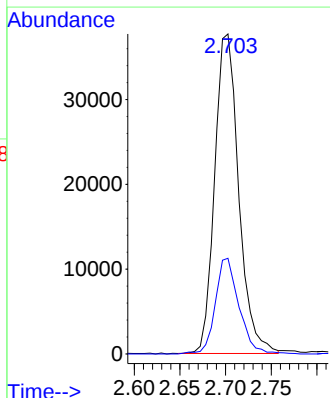
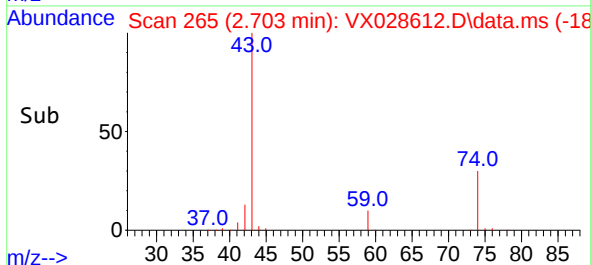
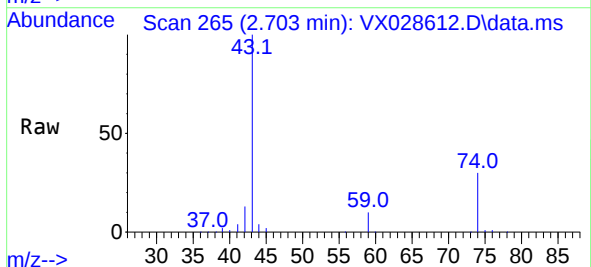
Manual Integrations
APPROVED

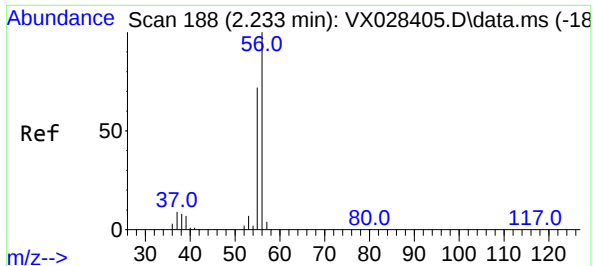
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#12
Methyl Acetate
Concen: 21.532 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

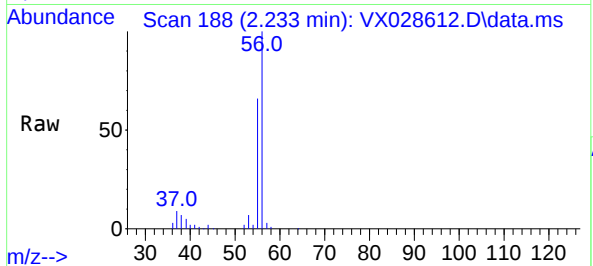
Tgt Ion: 43 Resp: 69080
Ion Ratio Lower Upper
43 100
74 29.9 22.1 33.1





#13
Acrolein
Concen: 82.061 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

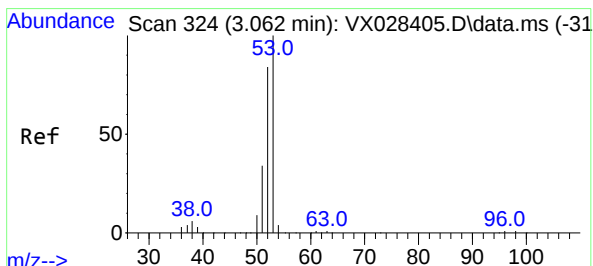
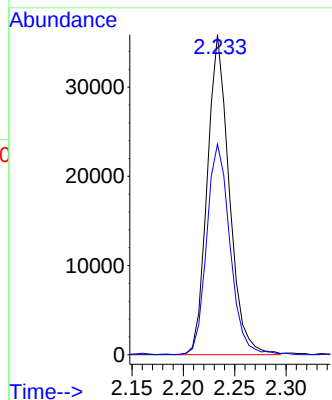
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 5342
Ion Ratio Lower Upper
56 100
55 69.8 56.4 84.6

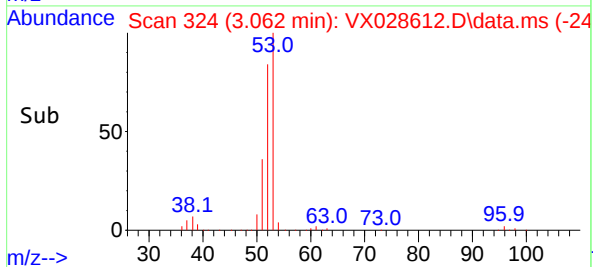
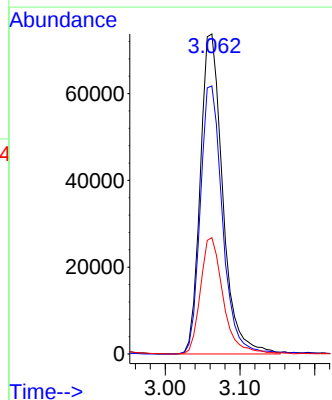
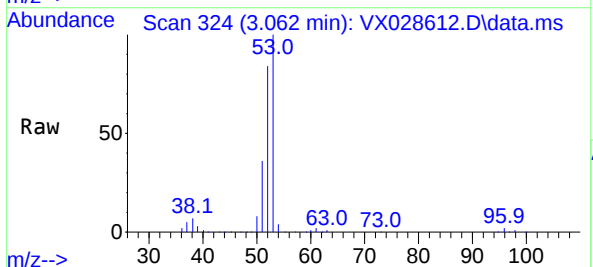
Manual Integrations
APPROVED

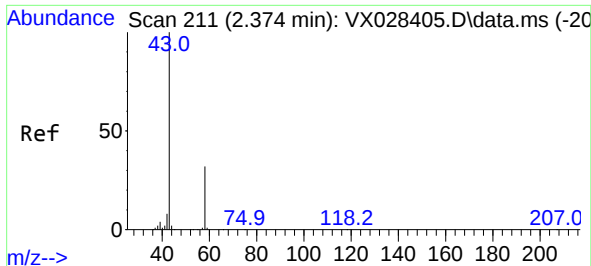
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#14
Acrylonitrile
Concen: 105.350 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

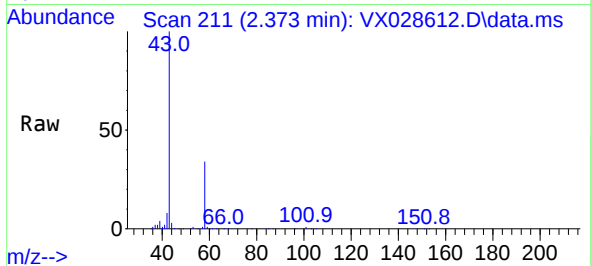
Tgt Ion: 53 Resp: 153873
Ion Ratio Lower Upper
53 100
52 82.7 41.5 124.5
51 36.8 18.1 54.4





#15
Acetone
Concen: 104.856 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

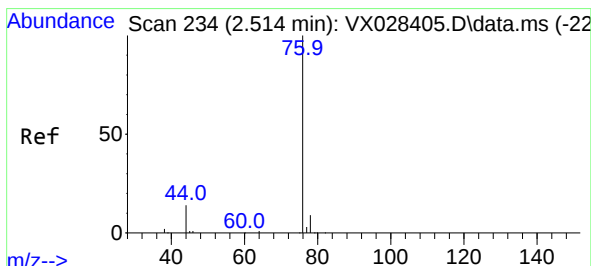
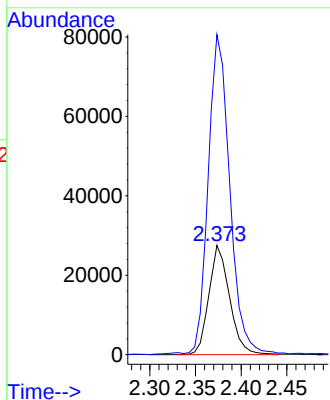
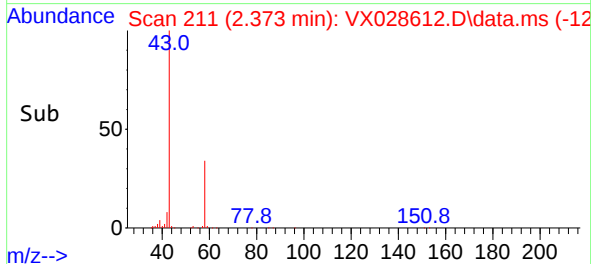
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 43375
Ion Ratio Lower Upper
58 100
43 291.5 250.2 375.2

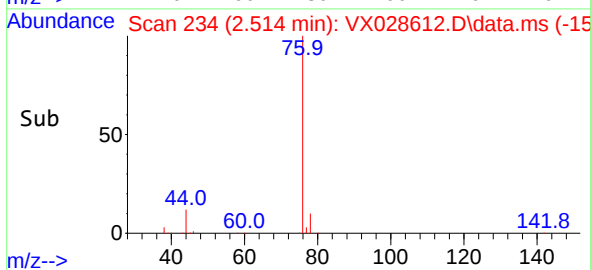
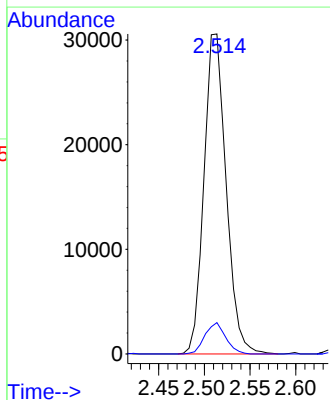
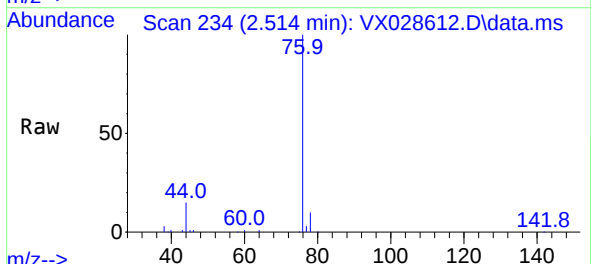
Manual Integrations
APPROVED

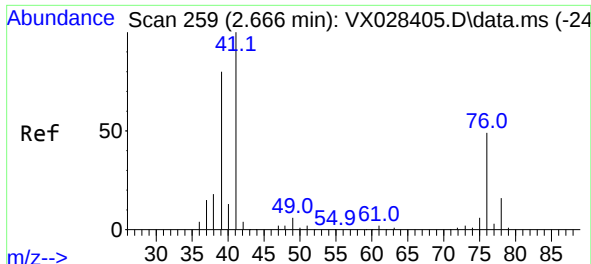
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#16
Carbon Disulfide
Concen: 21.707 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Tgt Ion: 76 Resp: 51556
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7





#17
 Allyl chloride
 Concen: 19.751 ug/l
 RT: 2.666 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX028612.D
 Acq: 11 May 2022 10:42

Instrument :

MSVOA_X

ClientSampleId :

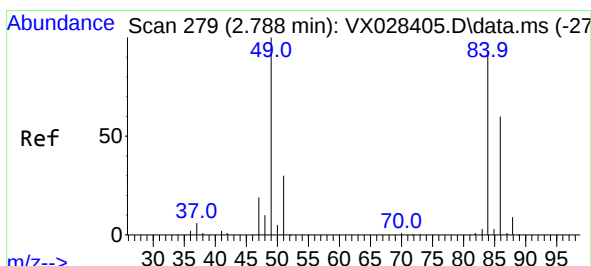
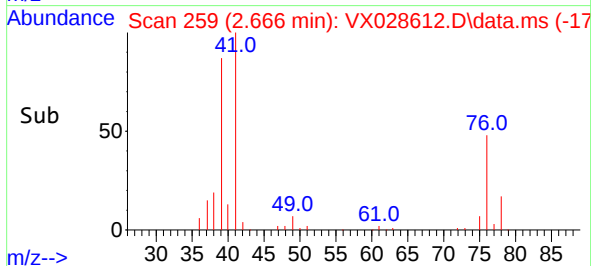
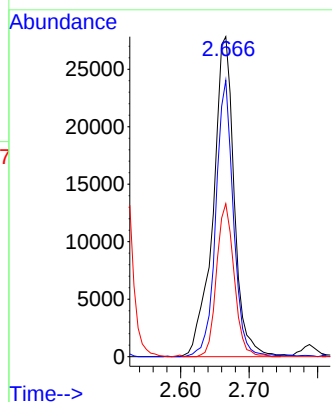
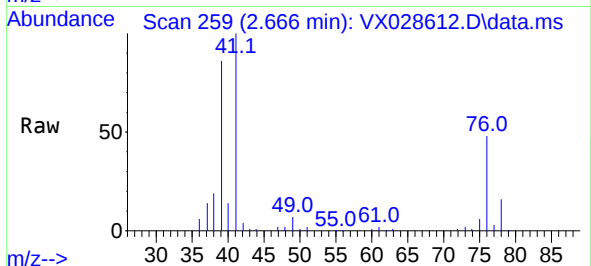
VSTDCCC020

Tgt Ion: 41 Resp: 5964
 Ion Ratio Lower Upper
 41 100
 39 86.4 35.4 106.1
 76 47.8 18.4 55.4

Manual Integrations

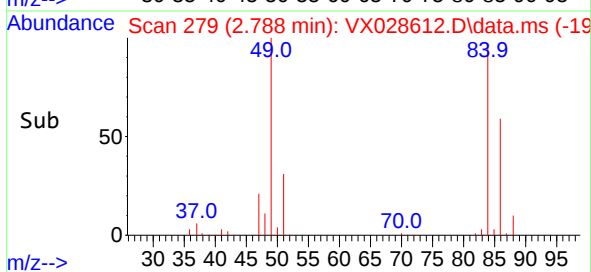
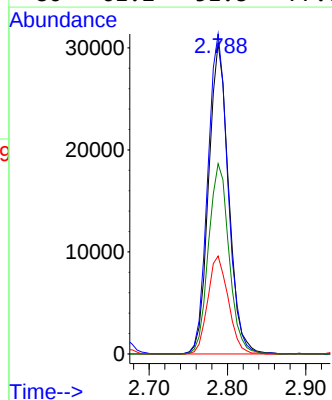
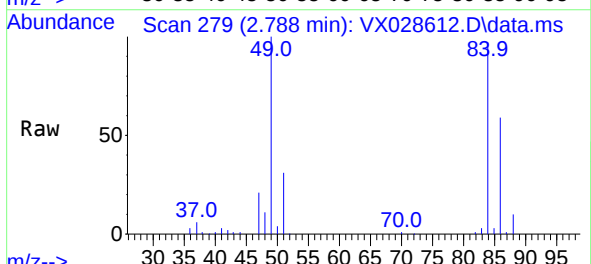
APPROVED

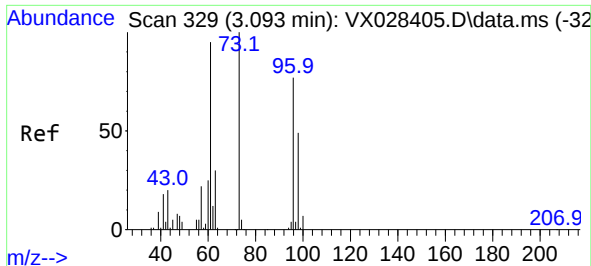
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/12/2022



#18
 Methylene Chloride
 Concen: 20.848 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX028612.D
 Acq: 11 May 2022 10:42

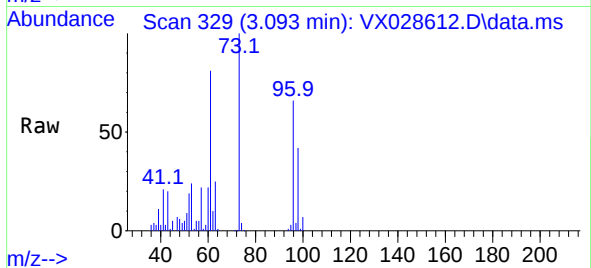
Tgt Ion: 84 Resp: 53830
 Ion Ratio Lower Upper
 84 100
 49 102.9 94.2 141.2
 51 31.5 29.2 43.8
 86 61.2 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 20.578 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

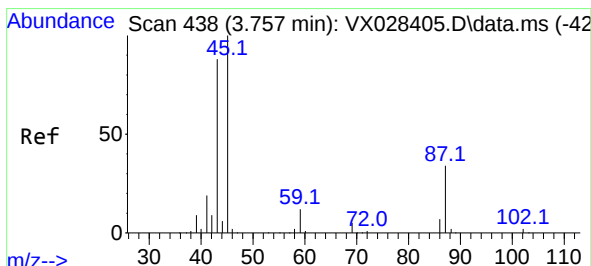
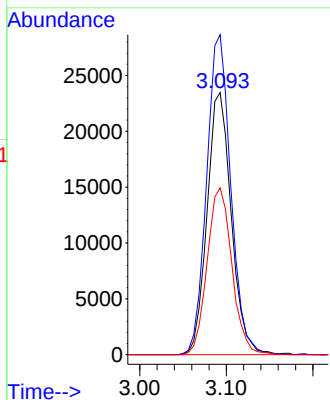
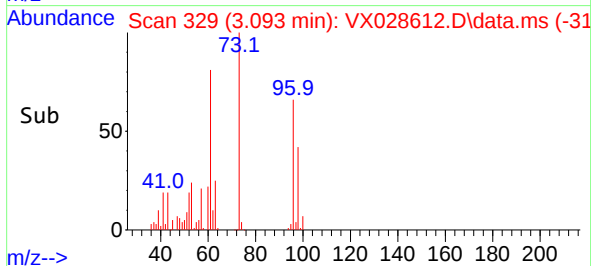
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



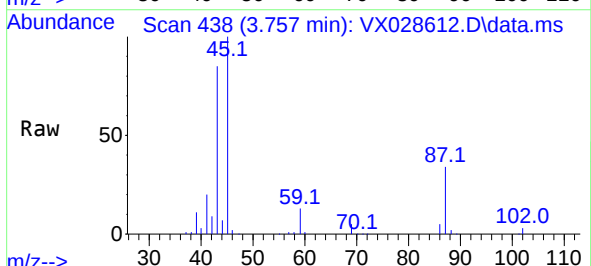
Tgt Ion: 96 Resp: 45680
Ion Ratio Lower Upper
96 100
61 122.1 108.7 163.1
98 63.6 49.2 73.8

Manual Integrations
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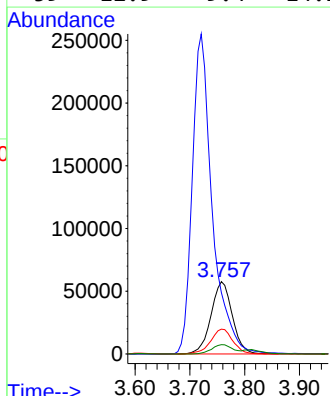
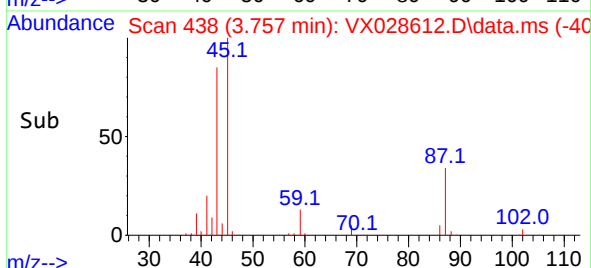
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

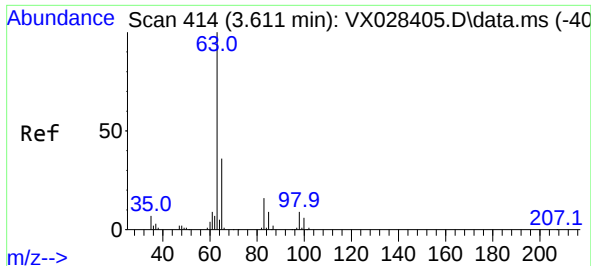


#20
Diisopropyl ether
Concen: 20.684 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



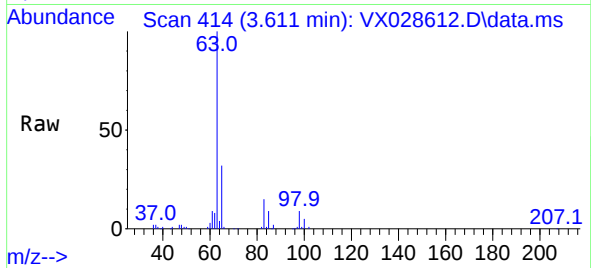
Tgt Ion: 45 Resp: 155249
Ion Ratio Lower Upper
45 100
43 83.7 70.3 105.5
87 34.4 24.5 36.7
59 12.9 9.4 14.2





#21
1,1-Dichloroethane
Concen: 20.933 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

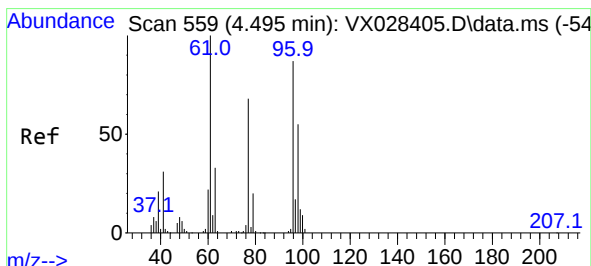
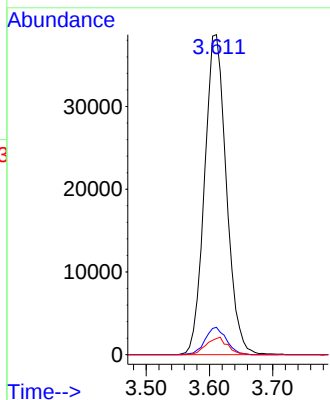
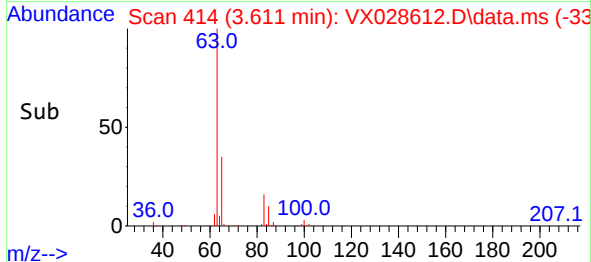
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



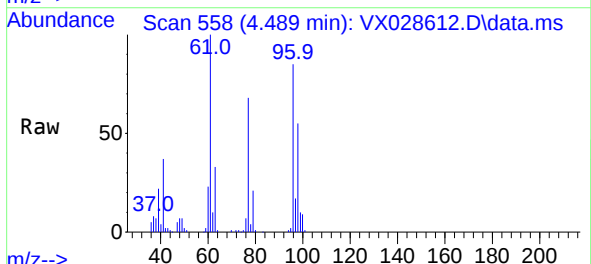
Tgt Ion: 63 Resp: 9286
Ion Ratio Lower Upper
63 100
98 8.6 3.8 11.2
100 5.1 2.5 7.5

Manual Integrations
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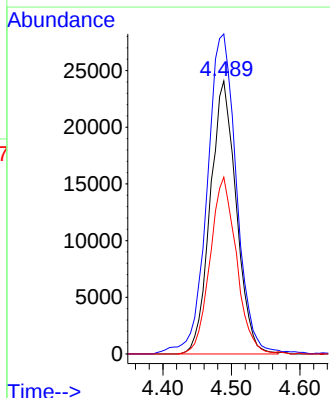
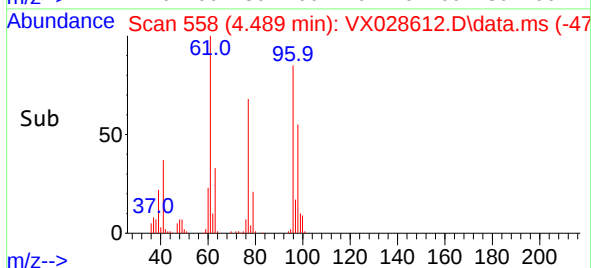
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

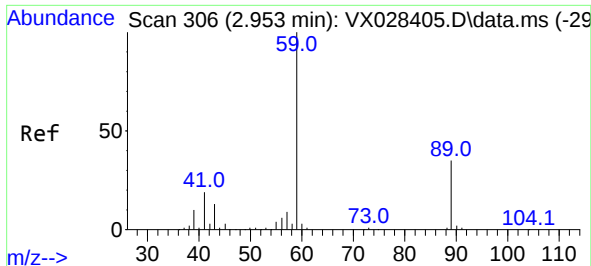


#22
cis-1,2-Dichloroethene
Concen: 20.306 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



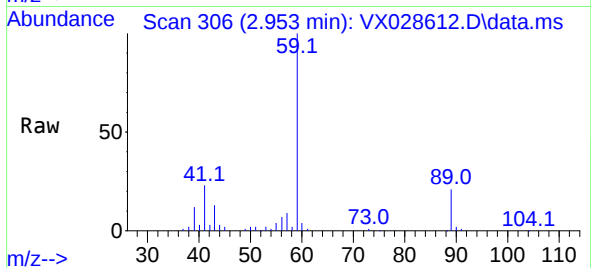
Tgt Ion: 96 Resp: 63465
Ion Ratio Lower Upper
96 100
61 132.1 107.4 161.2
98 65.4 51.1 76.7





#23
tert-Butyl Alcohol
Concen: 94.354 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

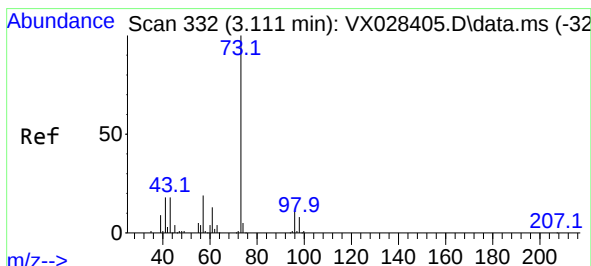
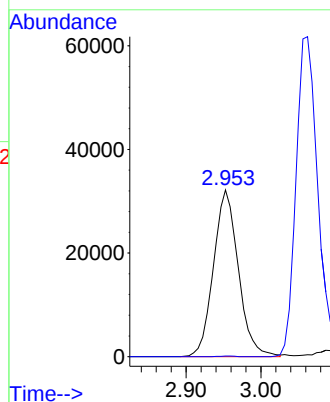
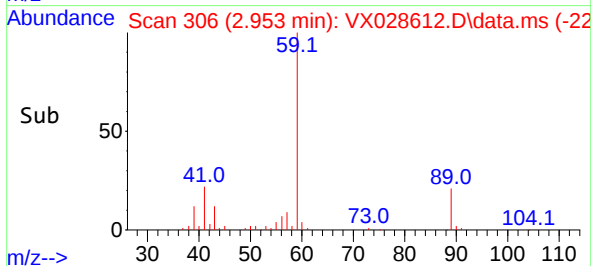
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



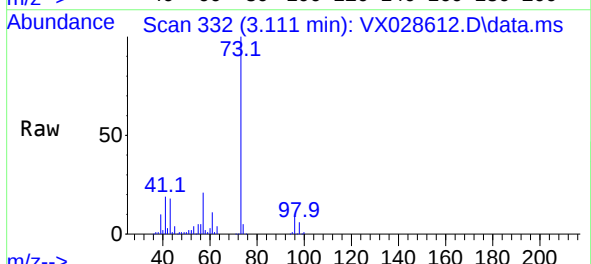
Tgt Ion: 59 Resp: 74429
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

Manual Integrations
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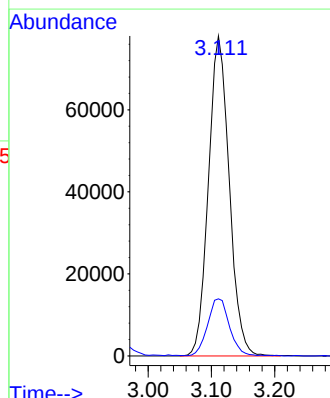
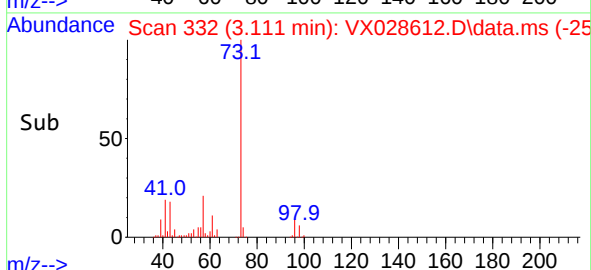
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

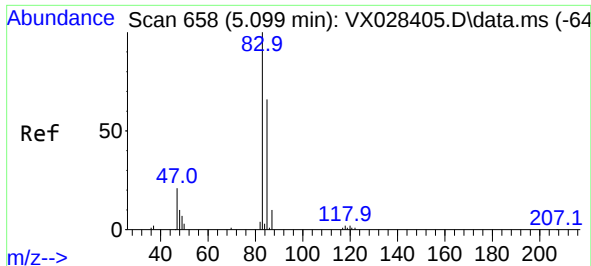


#24
Methyl tert-Butyl Ether
Concen: 20.150 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



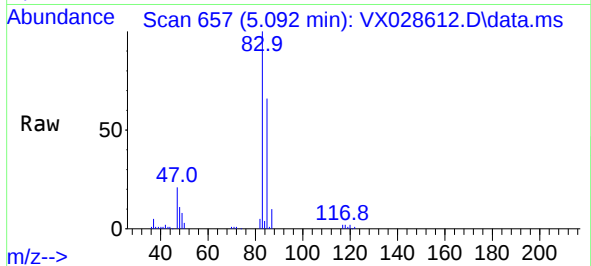
Tgt Ion: 73 Resp: 178053
Ion Ratio Lower Upper
73 100
43 18.5 16.0 24.0





#25
Chloroform
Concen: 21.006 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

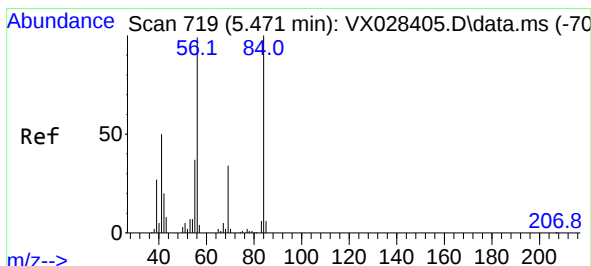
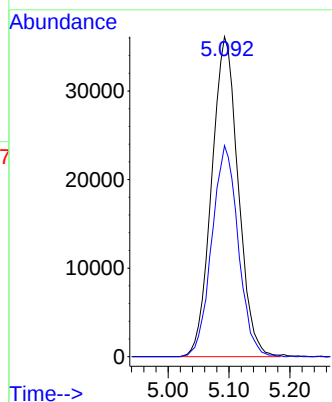
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 109500
Ion Ratio Lower Upper
83 100
85 66.0 49.9 74.9

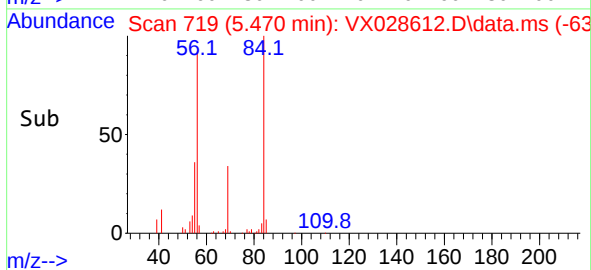
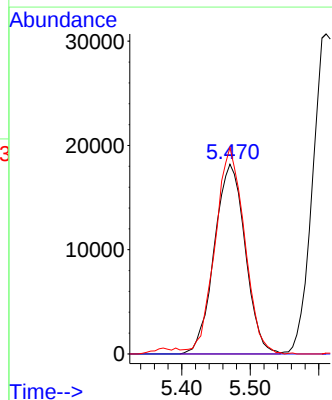
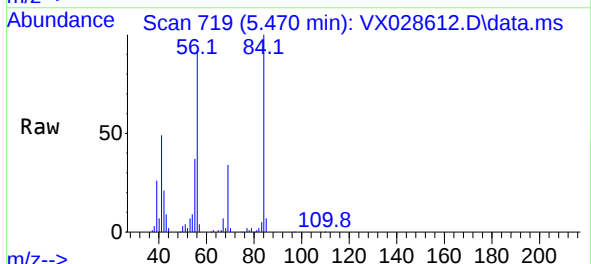
Manual Integrations
APPROVED

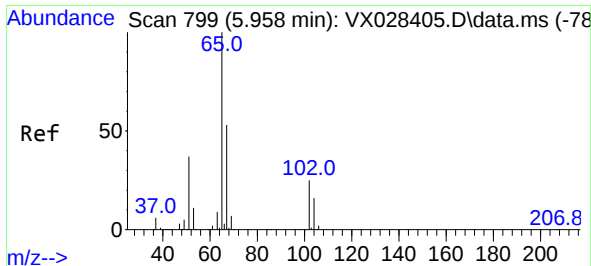
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#26
Cyclohexane
Concen: 20.297 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Tgt Ion: 56 Resp: 56925
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 103.8 76.2 114.2





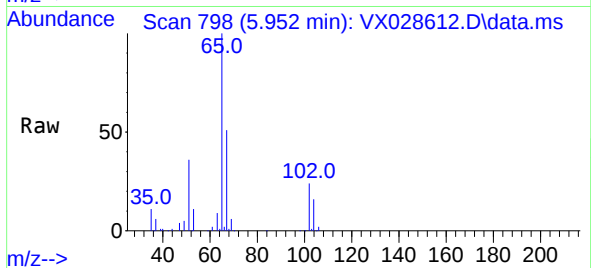
#27
1,2-Dichloroethane-d4
Concen: 31.635 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



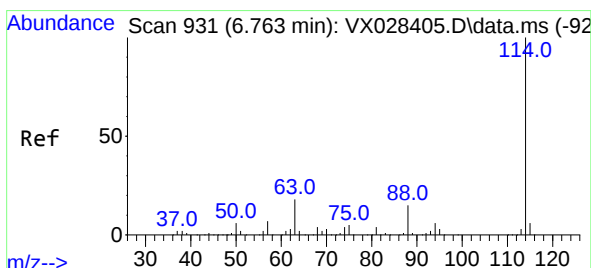
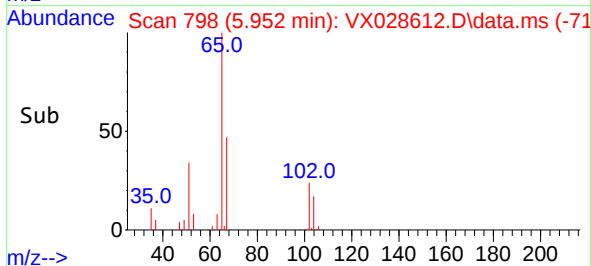
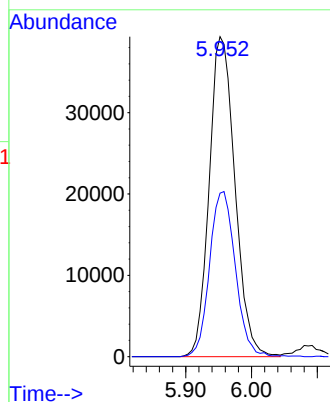
Tgt Ion: 65 Resp: 107249
Ion Ratio Lower Upper
65 100
67 51.2 42.3 63.5

Manual Integrations

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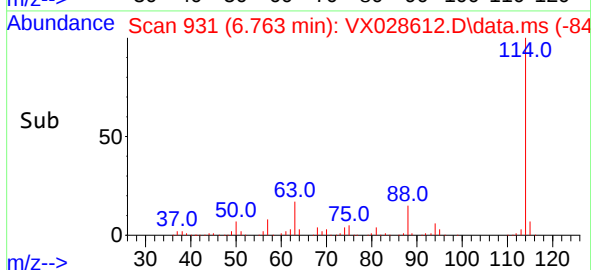
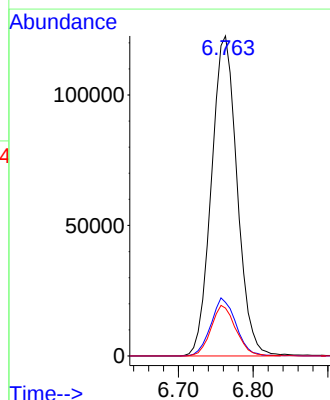
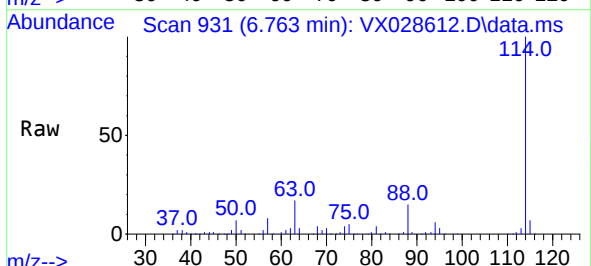
Reviewed By :John Carlone 05/12/2022

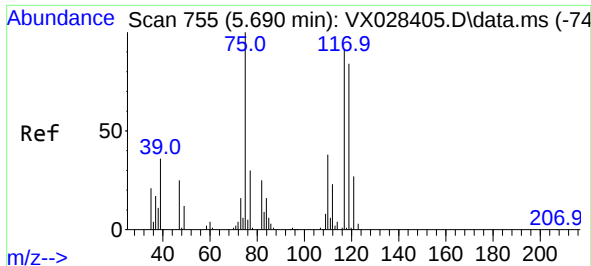
Supervised By :Mahesh Dadoda 05/12/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

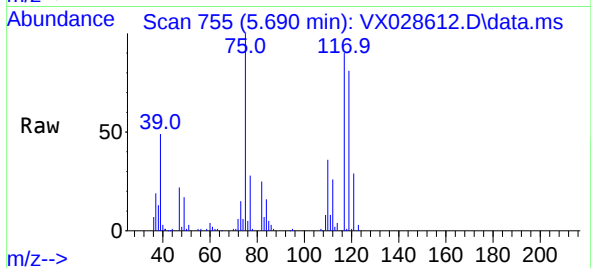
Tgt Ion:114 Resp: 292649
Ion Ratio Lower Upper
114 100
63 17.7 15.3 22.9
88 15.2 12.2 18.4





#29
1,1-Dichloropropene
Concen: 21.054 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

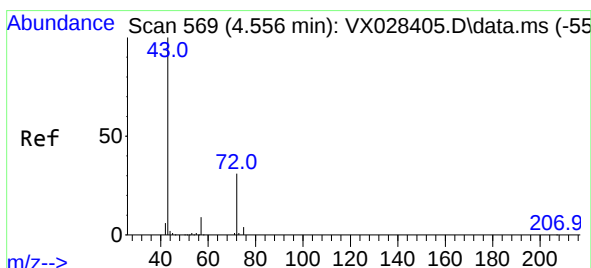
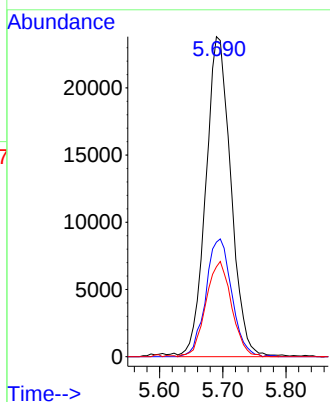
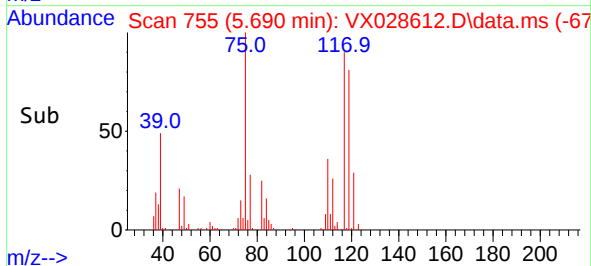
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



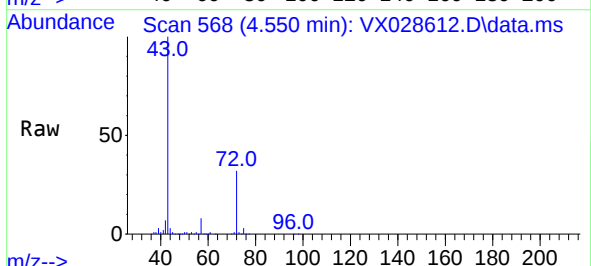
Tgt Ion: 75 Resp: 65538
Ion Ratio Lower Upper
75 100
110 38.0 0.0 73.6
77 30.4 0.0 62.2

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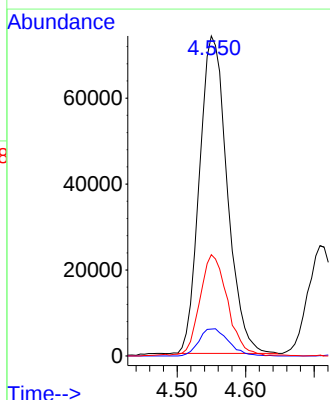
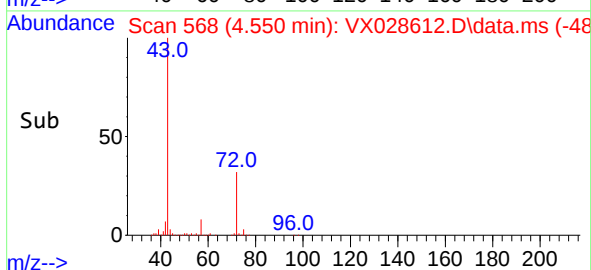
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

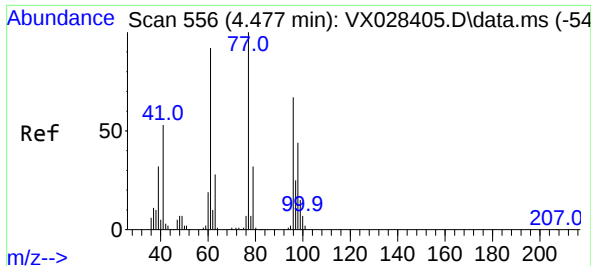


#30
2-Butanone
Concen: 106.012 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



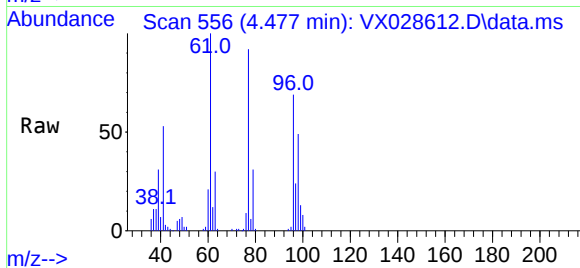
Tgt Ion: 43 Resp: 207976
Ion Ratio Lower Upper
43 100
57 9.1 6.6 10.0
72 31.9 22.1 33.1





#31
2,2-Dichloropropane
Concen: 19.092 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

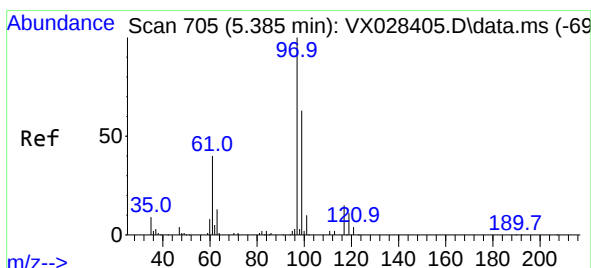
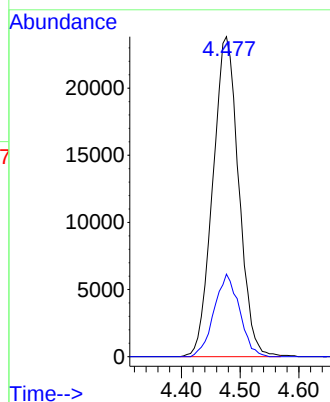
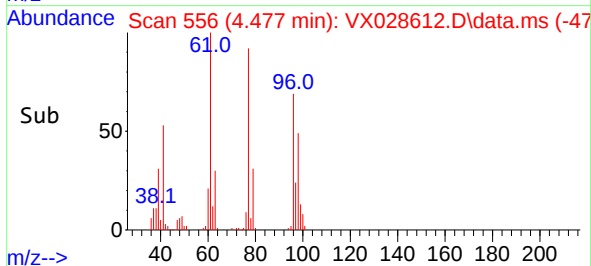
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 77 Resp: 7298
Ion Ratio Lower Upper
77 100
97 25.3 18.4 27.6

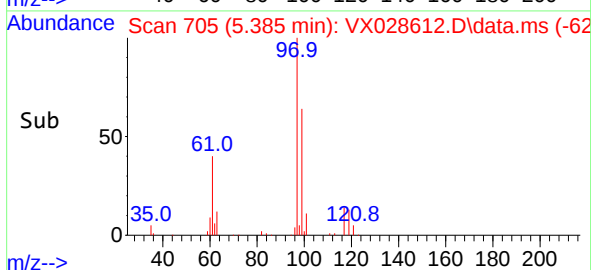
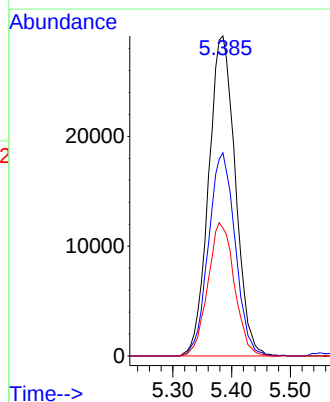
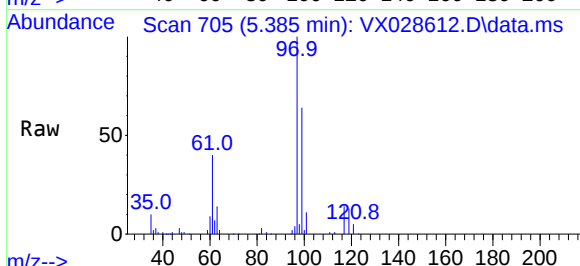
Manual Integrations
APPROVED

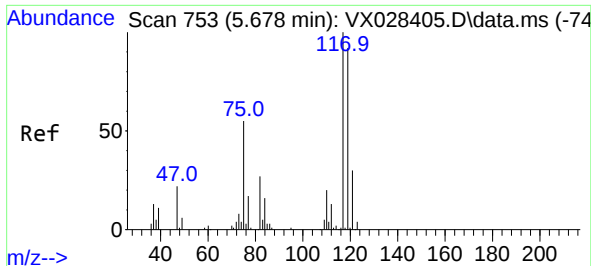
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#32
1,1,1-Trichloroethane
Concen: 20.994 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

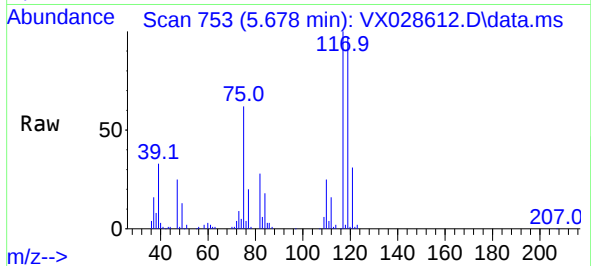
Tgt Ion: 97 Resp: 91883
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.8
61 41.3 33.4 50.0





#33
Carbon Tetrachloride
Concen: 20.614 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

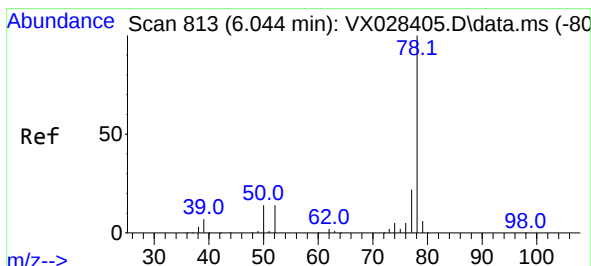
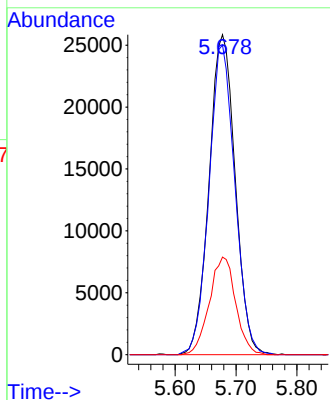
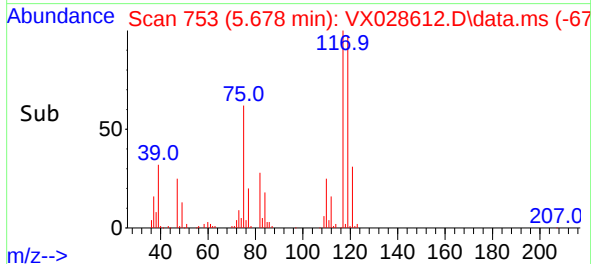
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



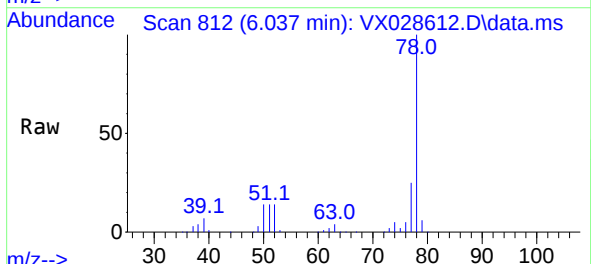
Tgt Ion:117 Resp: 7677
Ion Ratio Lower Upper
117 100
119 96.8 75.3 112.9
121 30.5 24.1 36.1

Manual Integrations
APPROVED

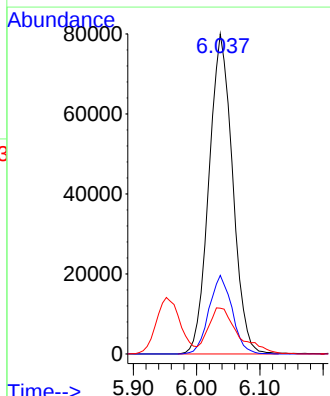
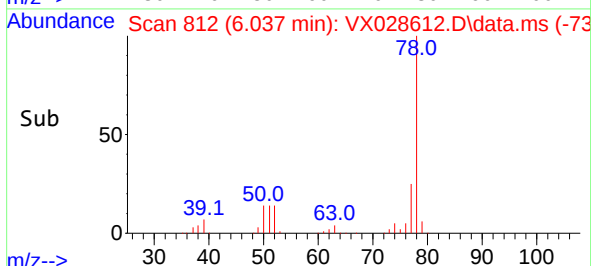
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

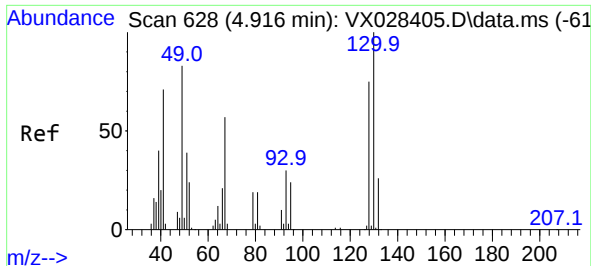


#34
Benzene
Concen: 20.925 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



Tgt Ion: 78 Resp: 207451
Ion Ratio Lower Upper
78 100
77 24.5 18.5 27.7
51 13.9 12.9 19.3





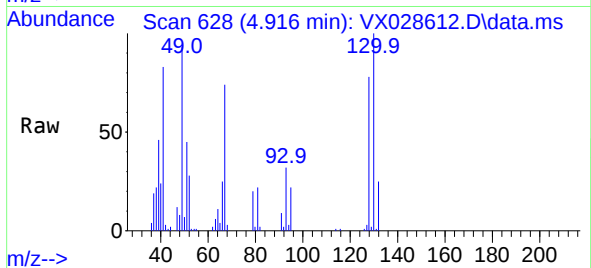
#35
Methacrylonitrile
Concen: 20.832 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



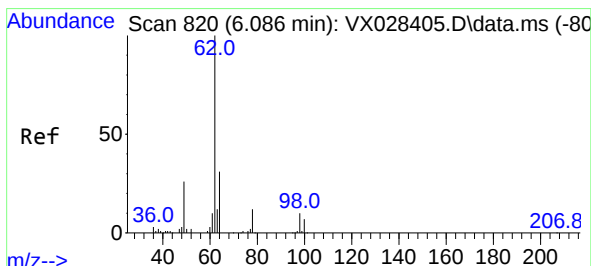
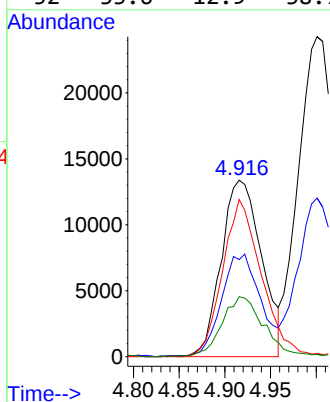
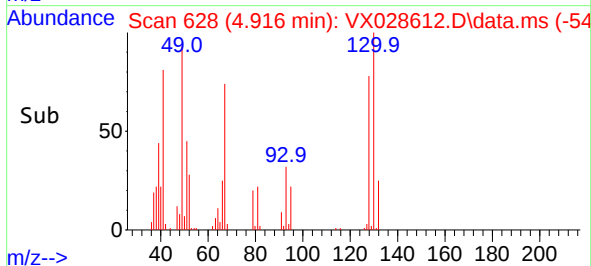
Tgt Ion: 41 Resp: 4116
Ion Ratio Lower Upper
41 100
39 54.4 27.0 81.0
67 89.0 33.3 99.8
52 33.6 12.9 38.7

Manual Integrations

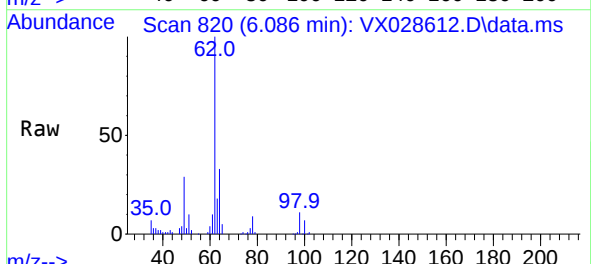
APPROVED

Reviewed By :John Carlone 05/12/2022

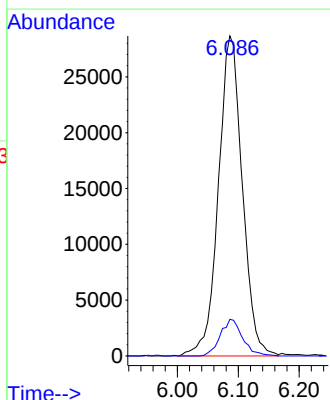
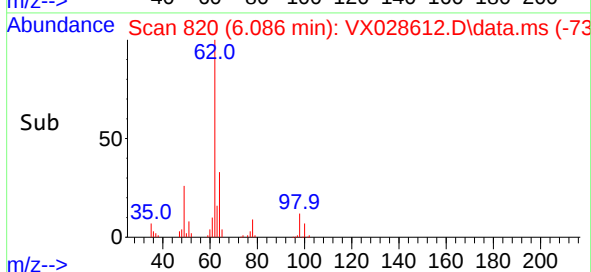
Supervised By :Mahesh Dadoda 05/12/2022

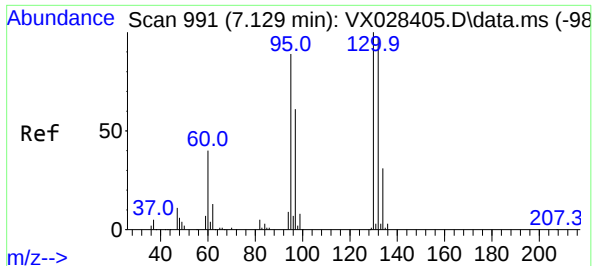


#36
1,2-Dichloroethane
Concen: 21.151 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



Tgt Ion: 62 Resp: 78149
Ion Ratio Lower Upper
62 100
98 10.7 7.4 11.0





#37

Trichloroethene

Concen: 20.697 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX028612.D

Acq: 11 May 2022 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 62852

Ion Ratio Lower Upper

130 100

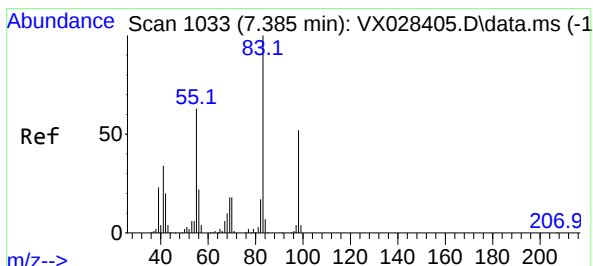
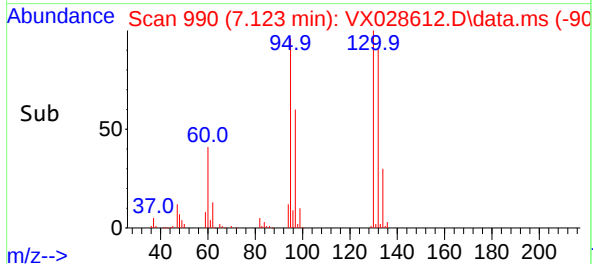
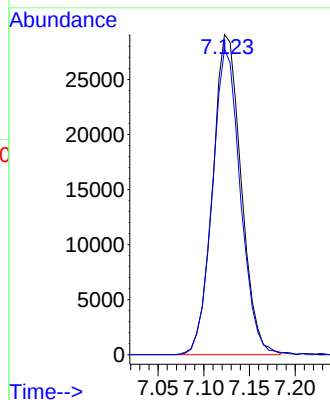
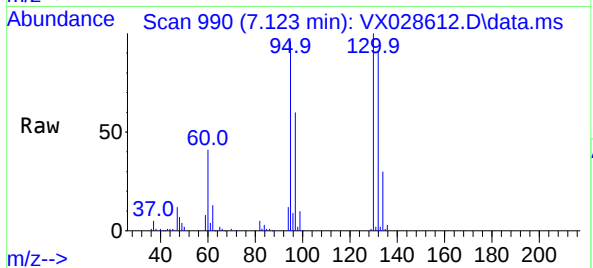
95 95.3 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#38

Methylcyclohexane

Concen: 20.568 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX028612.D

Acq: 11 May 2022 10:42

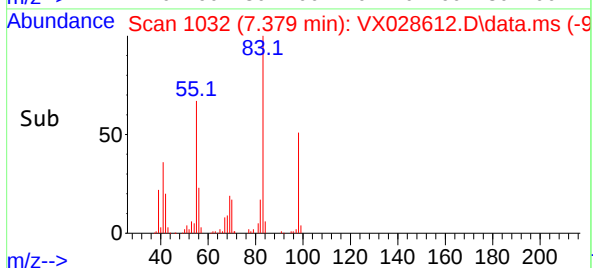
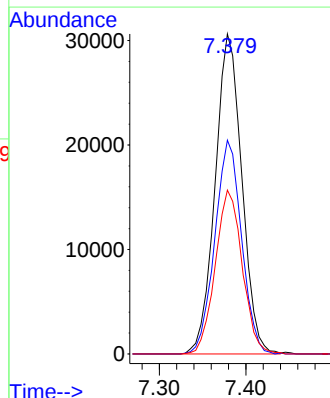
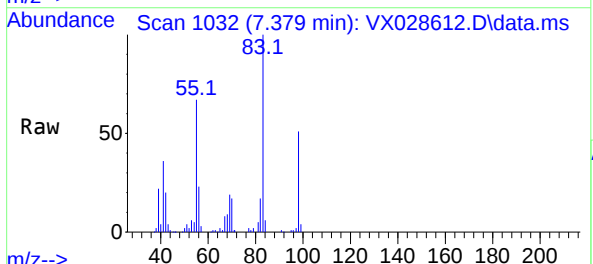
Tgt Ion: 83 Resp: 65566

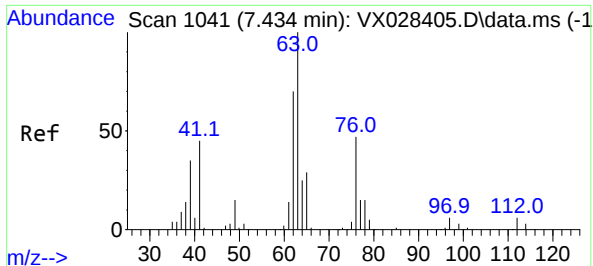
Ion Ratio Lower Upper

83 100

55 66.8 37.0 110.9

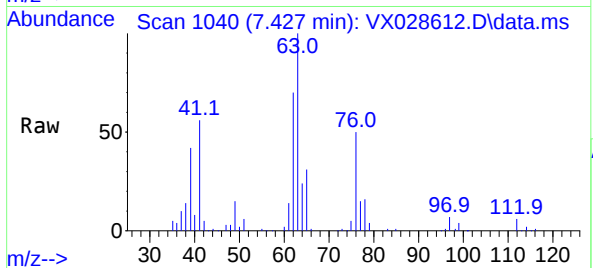
98 51.8 25.9 77.8





#39
1,2-Dichloropropane
Concen: 21.514 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

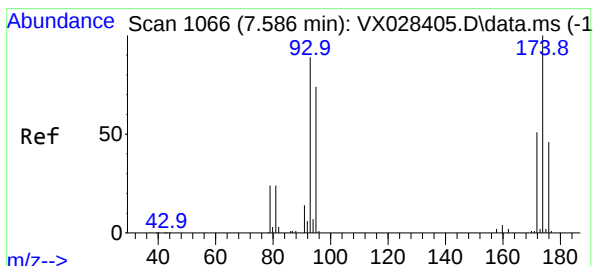
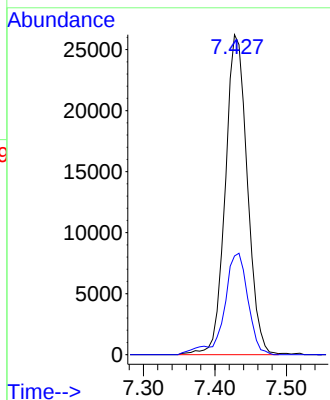
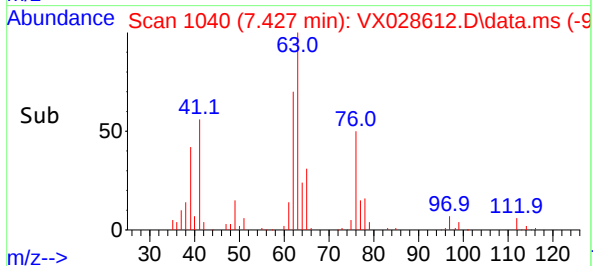
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 5606
Ion Ratio Lower Upper
63 100
65 30.8 25.4 38.2

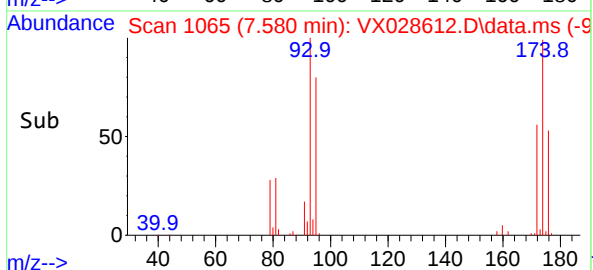
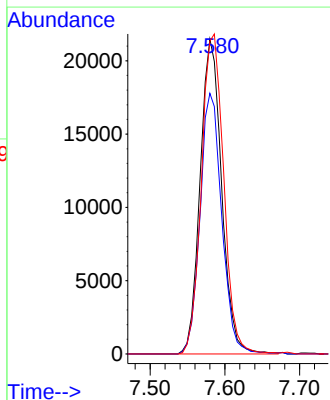
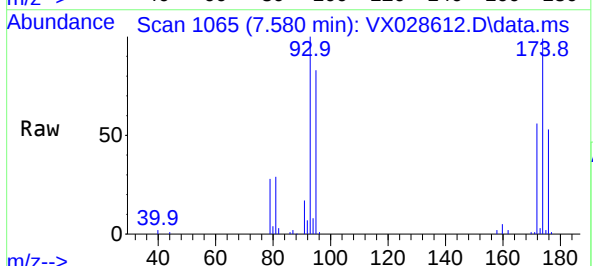
Manual Integrations
APPROVED

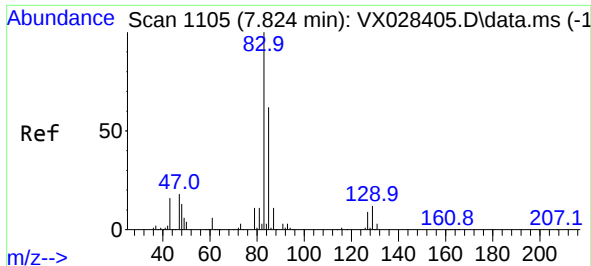
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#40
Dibromomethane
Concen: 21.461 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Tgt Ion: 93 Resp: 42898
Ion Ratio Lower Upper
93 100
95 83.5 0.0 168.8
174 104.9 0.0 220.8





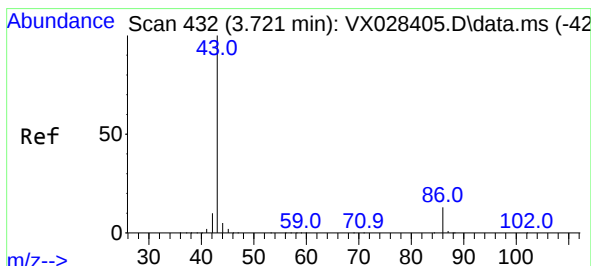
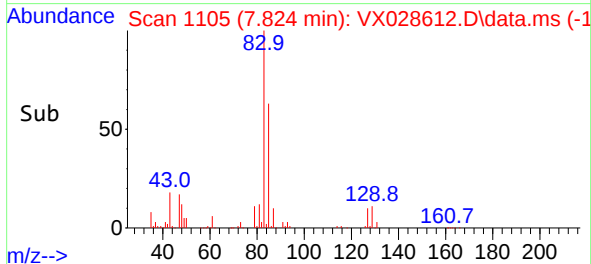
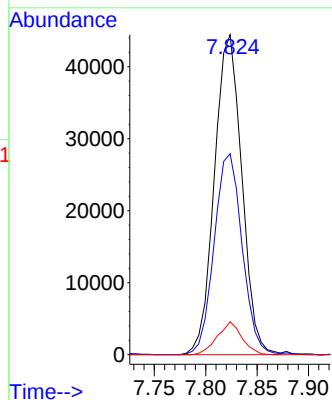
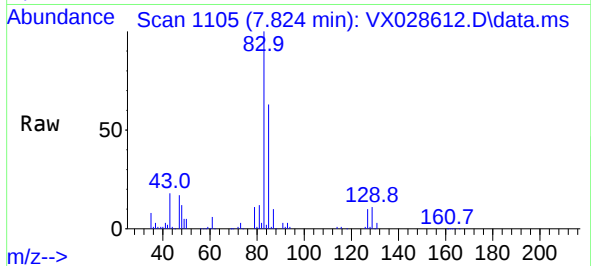
#41
Bromodichloromethane
Concen: 21.725 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 8240
Ion Ratio Lower Upper
83 100
85 62.8 50.6 75.8
127 10.3 7.0 10.6

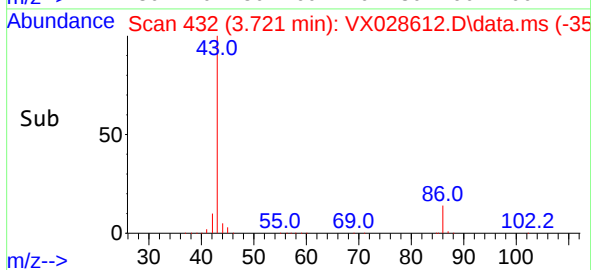
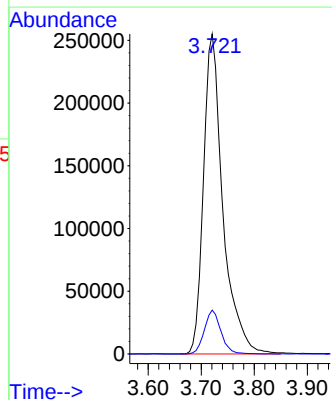
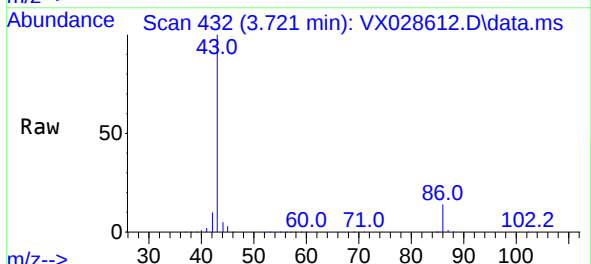
Manual Integrations
APPROVED

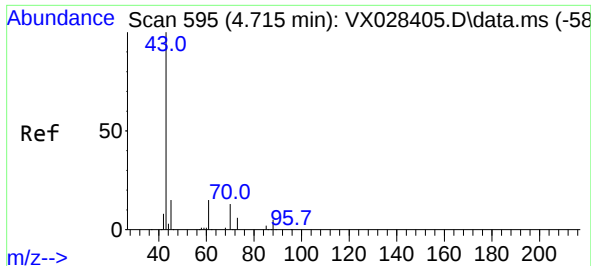
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#42
Vinyl Acetate
Concen: 106.496 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

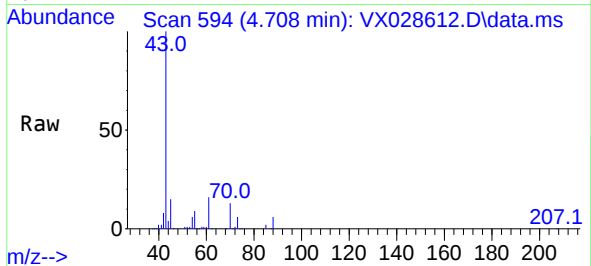
Tgt Ion: 43 Resp: 647490
Ion Ratio Lower Upper
43 100
86 11.7 8.5 12.7





#43
Ethyl Acetate
Concen: 20.416 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

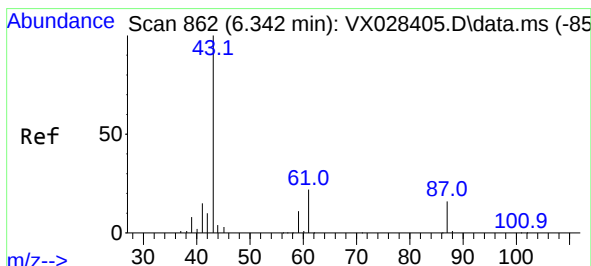
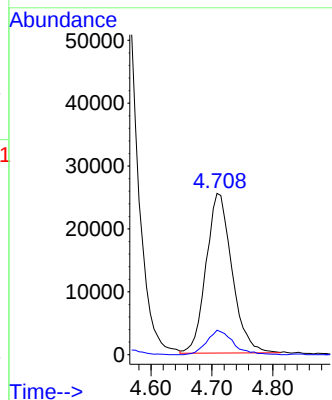
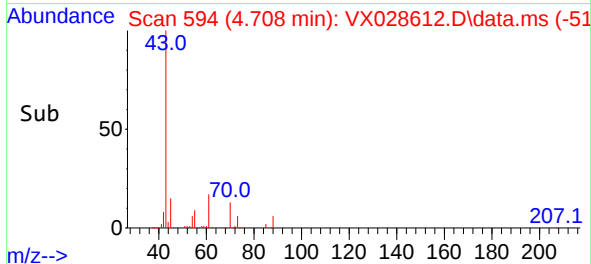
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



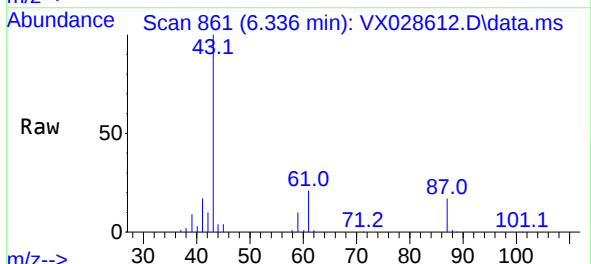
Tgt Ion: 43 Resp: 7495
Ion Ratio Lower Upper
43 100
45 15.5 11.8 17.6

Manual Integrations
APPROVED

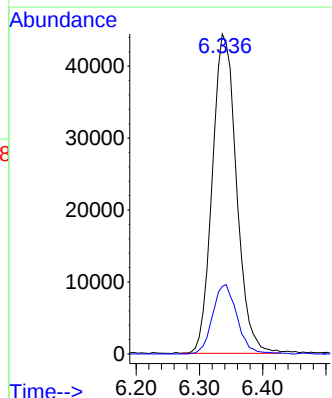
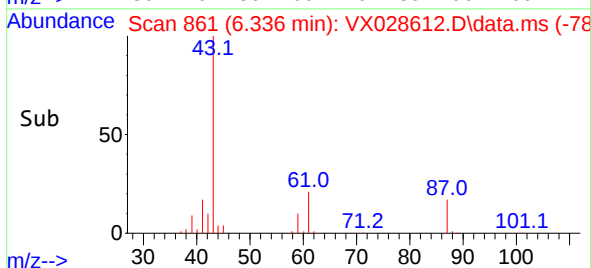
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

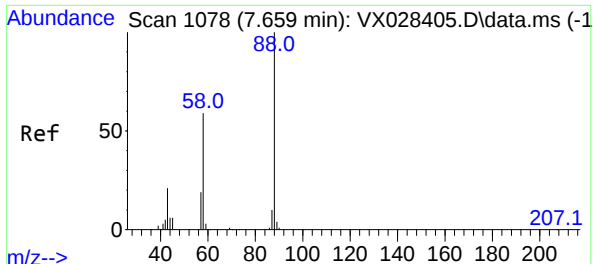


#44
Isopropyl Acetate
Concen: 19.910 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



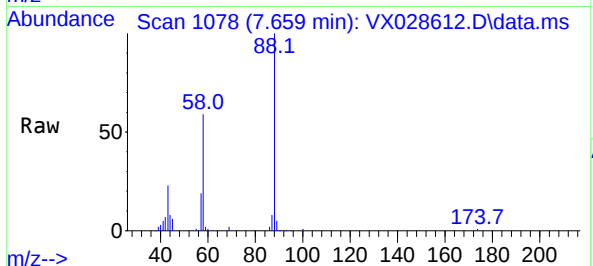
Tgt Ion: 43 Resp: 117851
Ion Ratio Lower Upper
43 100
61 21.8 17.0 25.4





#45
1,4-Dioxane
Concen: 436.289 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

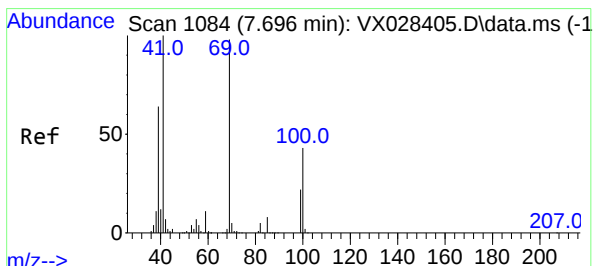
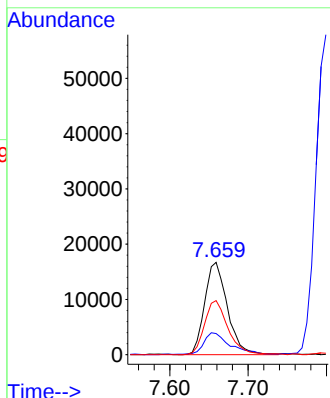
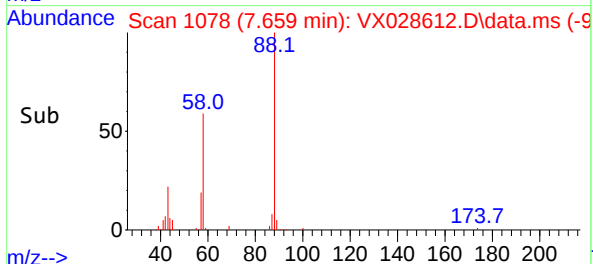
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



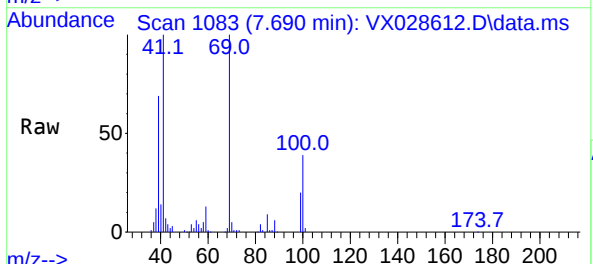
Tgt Ion: 88 Resp: 33629
Ion Ratio Lower Upper
88 100
43 26.4 25.8 38.6
58 60.3 54.8 82.2

Manual Integrations
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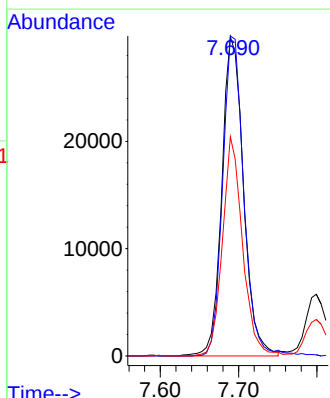
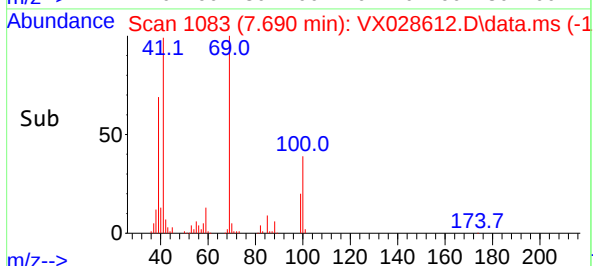
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

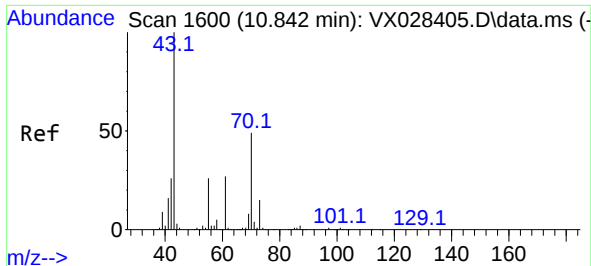


#46
Methyl methacrylate
Concen: 21.141 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



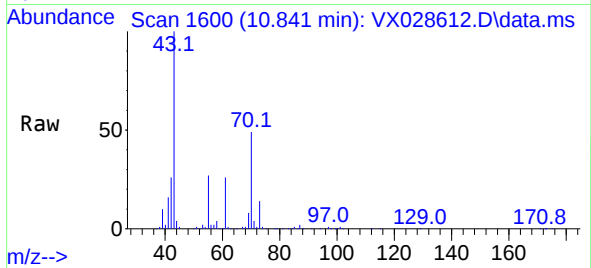
Tgt Ion: 41 Resp: 57191
Ion Ratio Lower Upper
41 100
69 100.2 41.9 125.8
39 68.7 27.5 82.5





#47
n-amy1 Acetate
Concen: 20.322 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

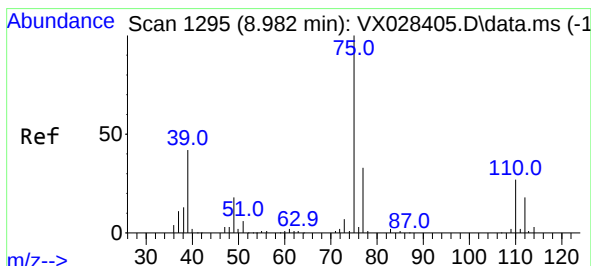
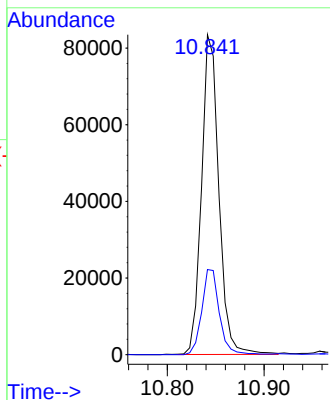
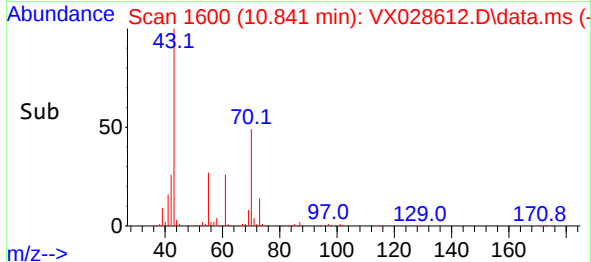
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



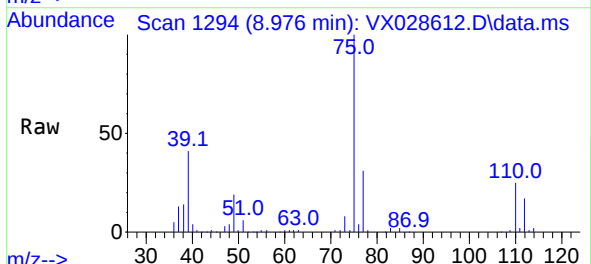
Tgt Ion: 43 Resp: 10414
Ion Ratio Lower Upper
43 100
55 27.0 20.4 30.6

Manual Integrations
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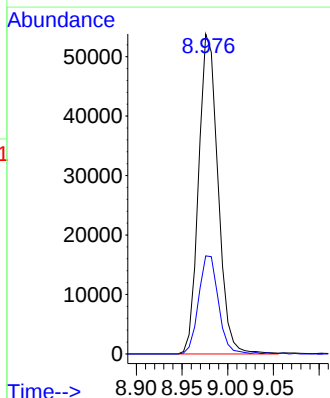
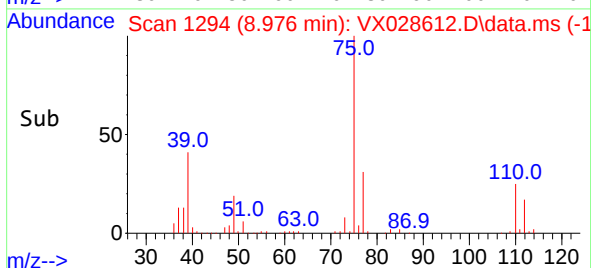
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

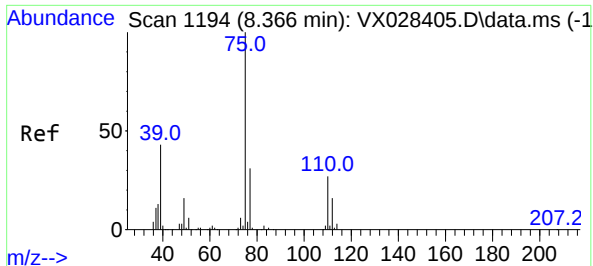


#48
t-1,3-Dichloropropene
Concen: 19.920 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



Tgt Ion: 75 Resp: 79361
Ion Ratio Lower Upper
75 100
77 30.7 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 20.102 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX028612.D

Acq: 11 May 2022 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 8605

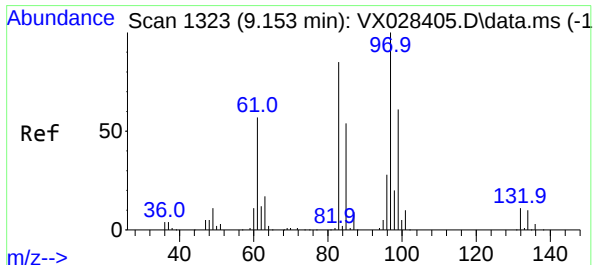
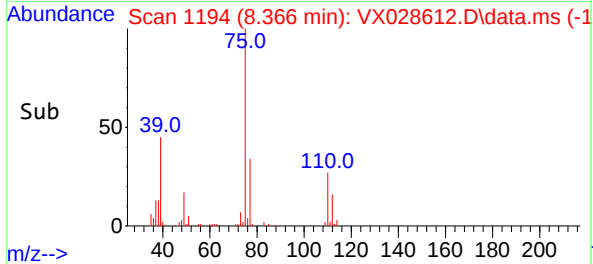
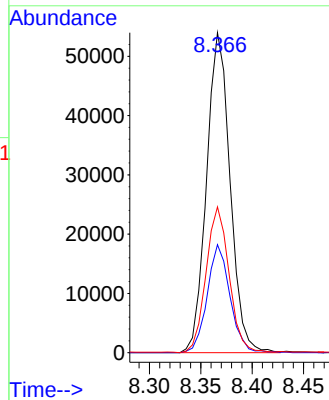
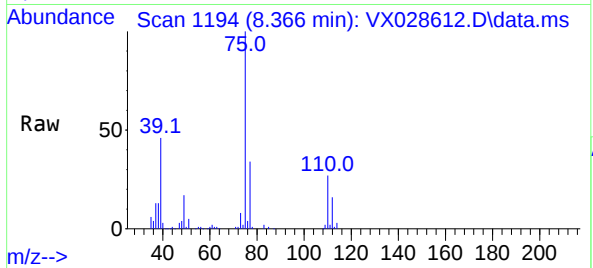
Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.2	37.8
39	45.6	37.4	56.0

Manual Integrations

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Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#50

1,1,2-Trichloroethane

Concen: 21.299 ug/l

RT: 9.153 min Scan# 1323

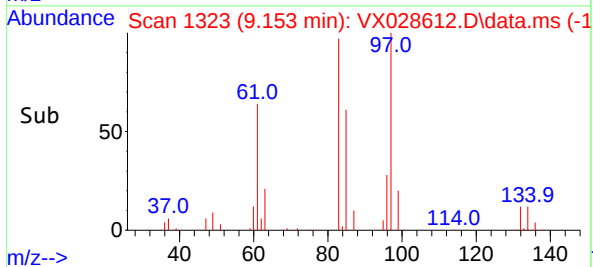
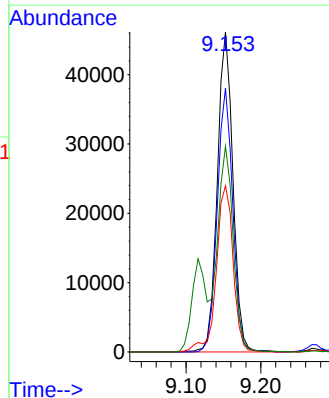
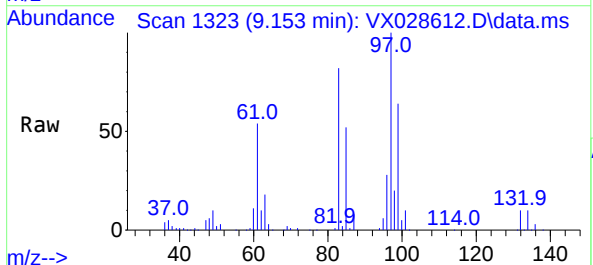
Delta R.T. -0.000 min

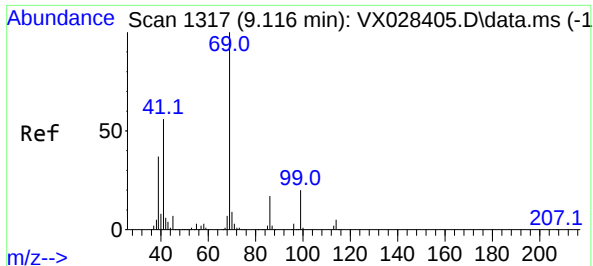
Lab File: VX028612.D

Acq: 11 May 2022 10:42

Tgt Ion: 97 Resp: 66949

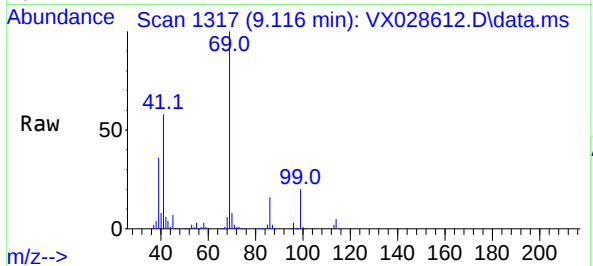
Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.2	99.4
85	51.9	40.4	60.6
99	64.1	51.1	76.7





#51
Ethyl methacrylate
Concen: 20.316 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

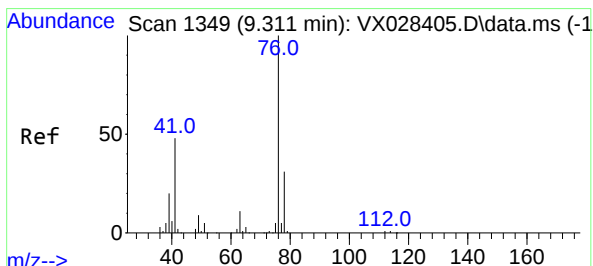
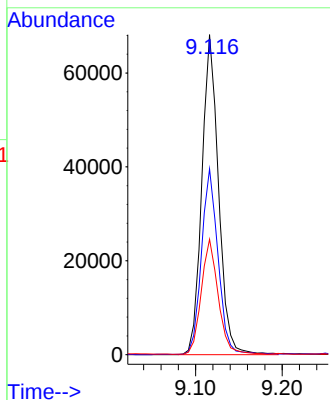
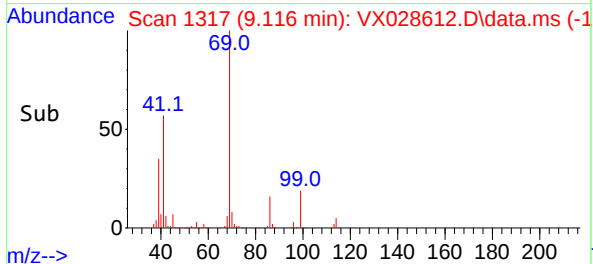
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



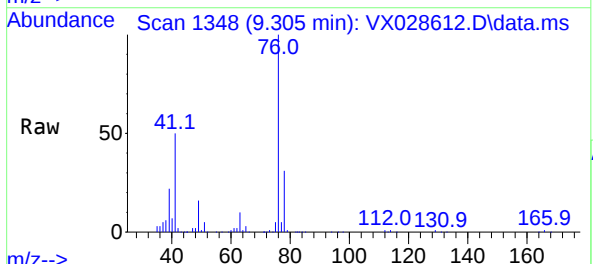
Tgt Ion: 69 Resp: 9138
Ion Ratio Lower Upper
69 100
41 57.9 32.1 96.5
39 35.9 18.3 54.9

Manual Integrations
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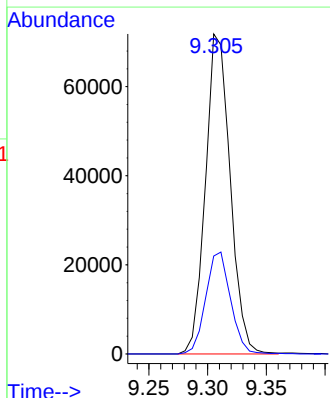
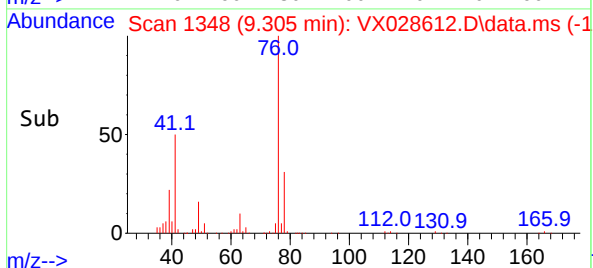
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

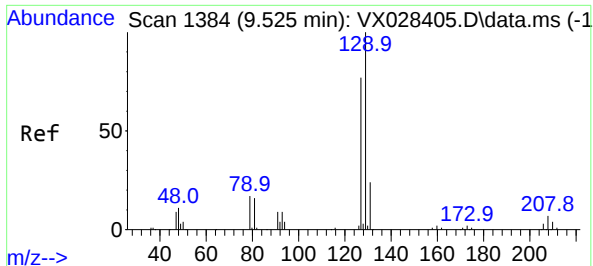


#52
1,3-Dichloropropane
Concen: 21.395 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



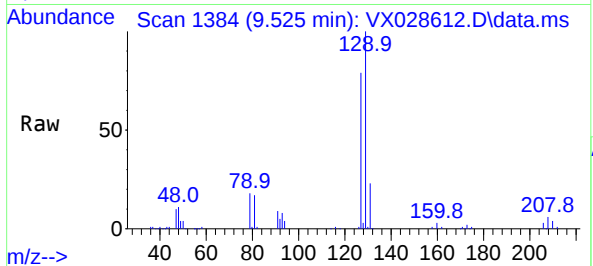
Tgt Ion: 76 Resp: 105214
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.4





#53
Dibromochloromethane
Concen: 20.756 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

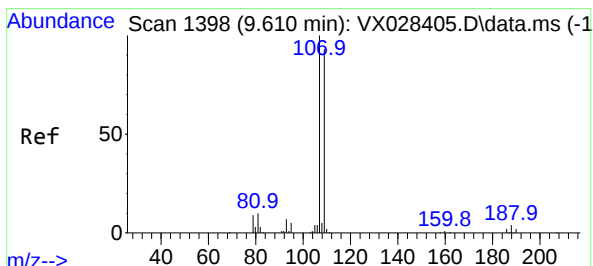
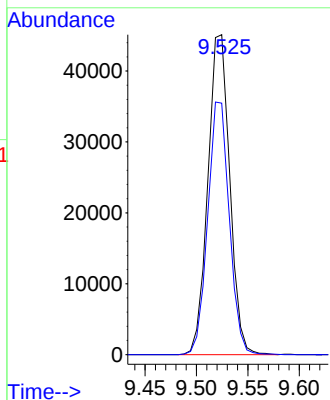
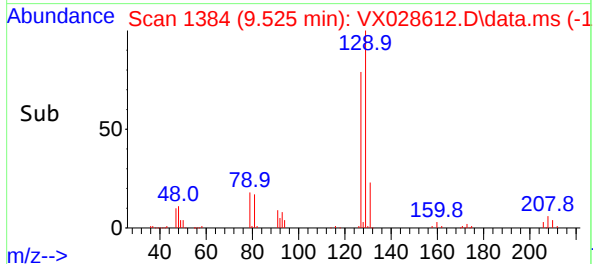
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



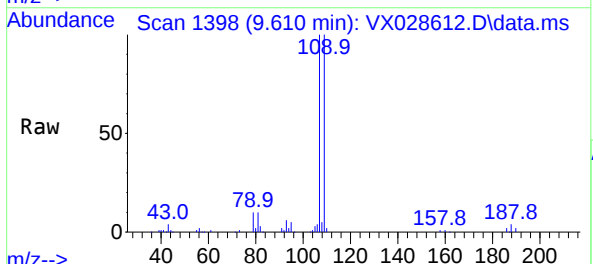
Tgt Ion:129 Resp: 66750
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.1

Manual Integrations
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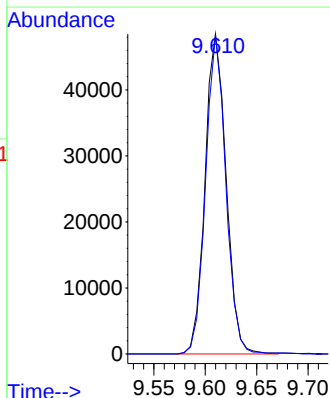
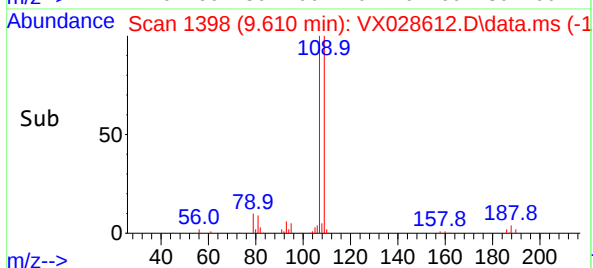
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

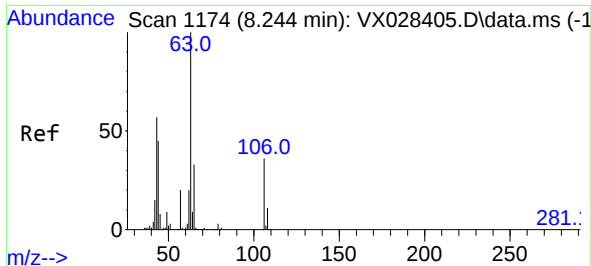


#54
1,2-Dibromoethane
Concen: 21.141 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



Tgt Ion:107 Resp: 69133
Ion Ratio Lower Upper
107 100
109 95.3 76.2 114.4





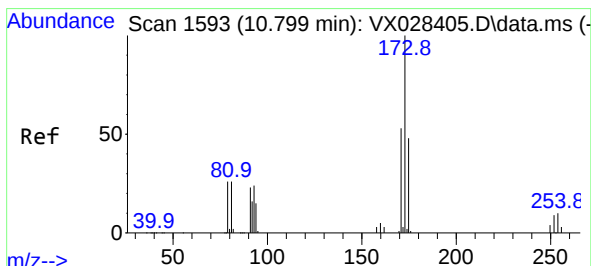
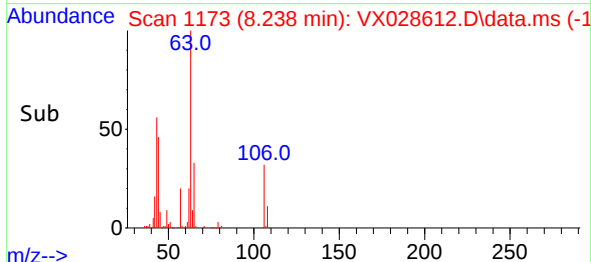
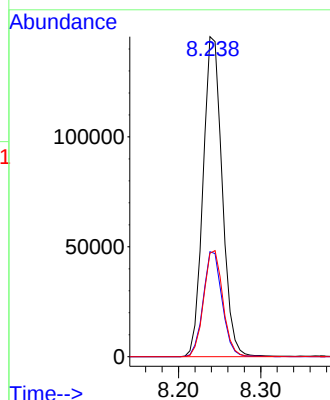
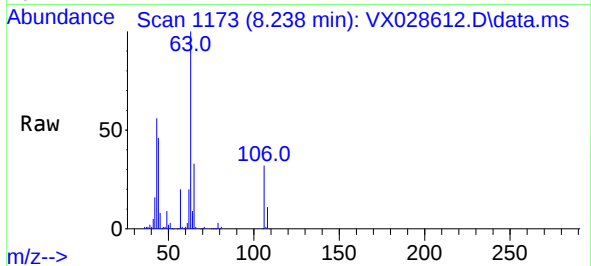
#55
2-Chloroethyl vinyl ether
Concen: 99.578 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 23515
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 33.2 25.8 38.6

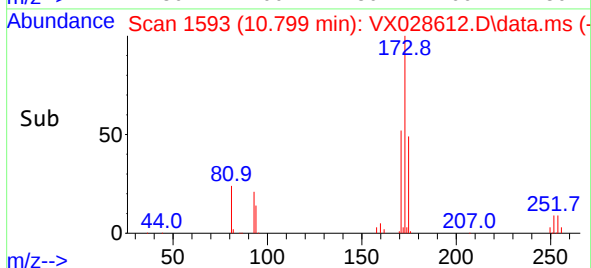
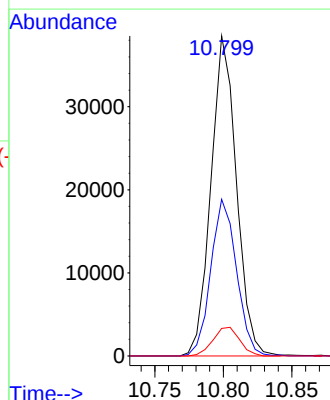
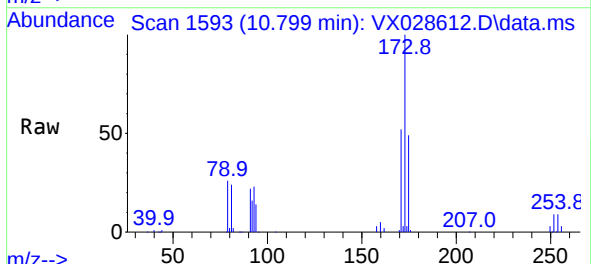
Manual Integrations
APPROVED

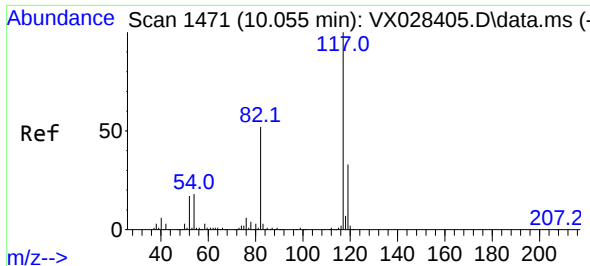
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#56
Bromoform
Concen: 20.087 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

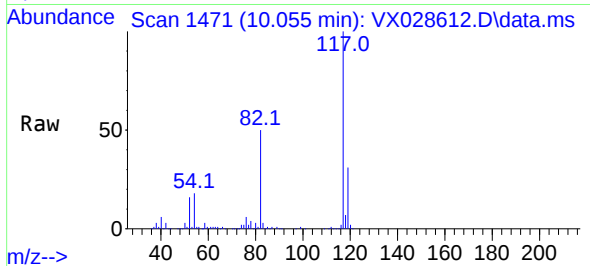
Tgt Ion:173 Resp: 49796
Ion Ratio Lower Upper
173 100
175 49.5 40.3 60.5
254 9.4 7.4 11.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

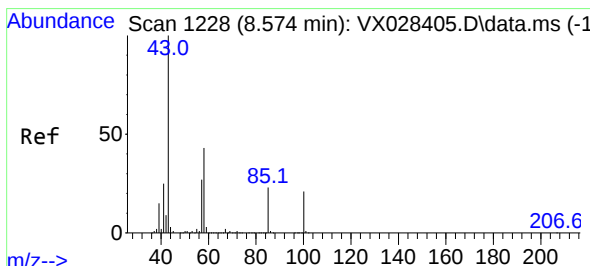
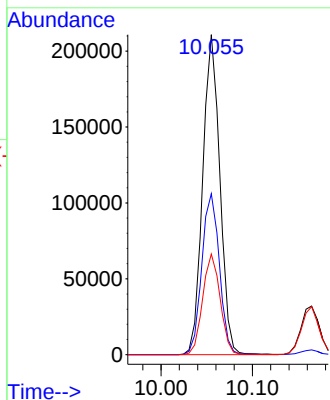
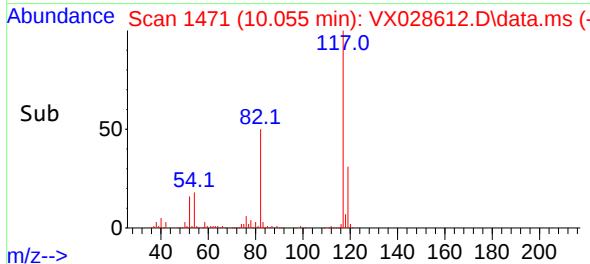
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



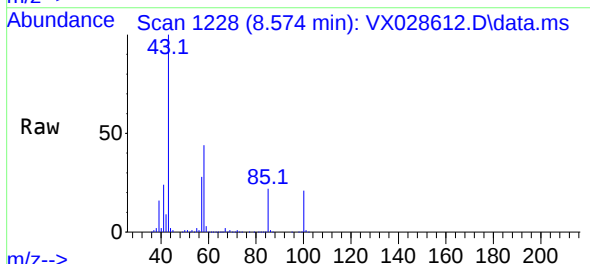
Tgt Ion: 117 Resp: 274618
Ion Ratio Lower Upper
117 100
82 51.6 42.3 63.5
119 32.0 26.2 39.2

Manual Integrations
APPROVED

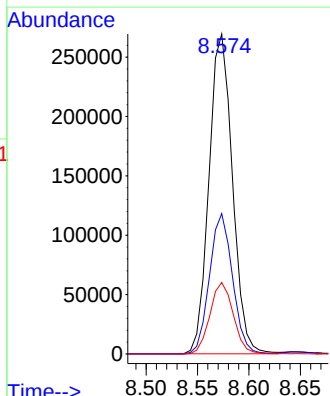
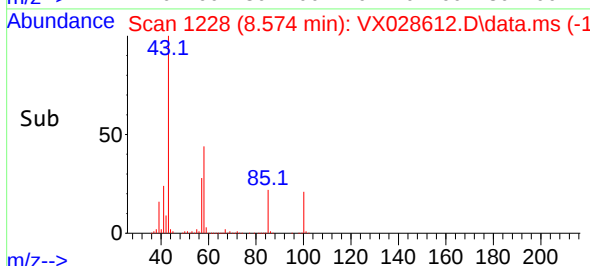
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

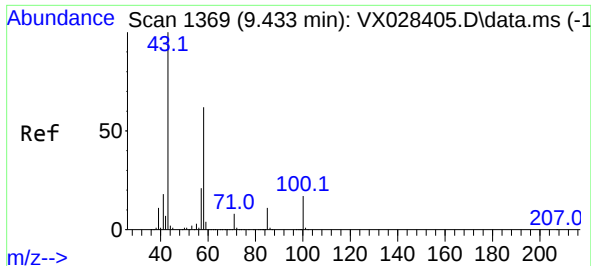


#58
4-Methyl-2-Pentanone
Concen: 106.970 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



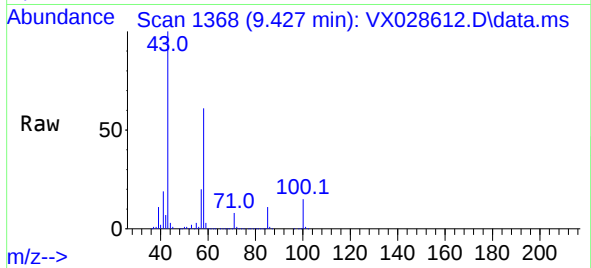
Tgt Ion: 43 Resp: 427335
Ion Ratio Lower Upper
43 100
58 43.1 31.8 47.6
85 22.2 15.8 23.6





#59
2-Hexanone
Concen: 106.164 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

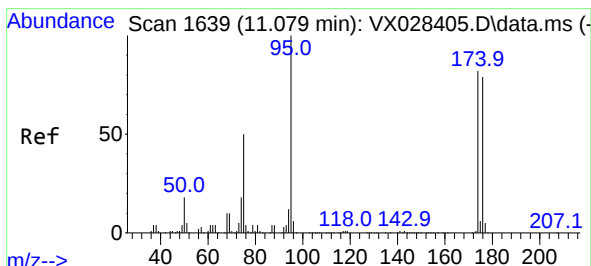
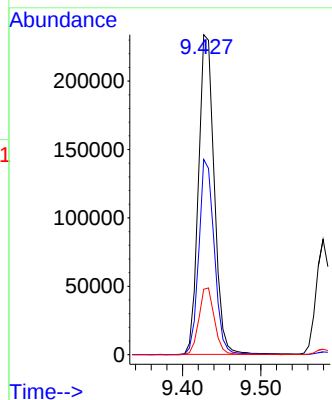
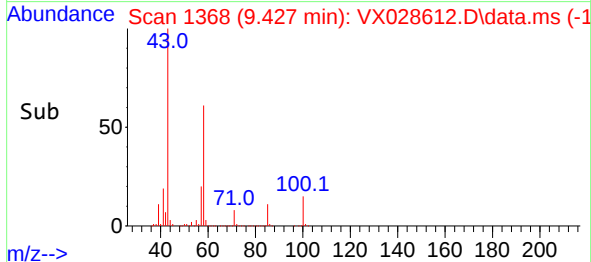
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



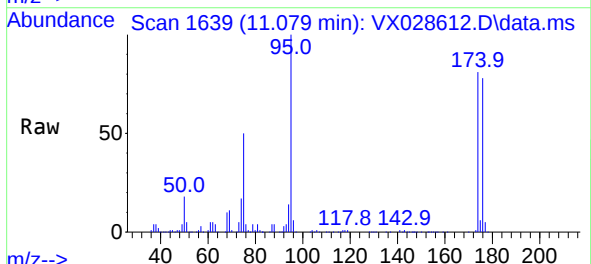
Tgt Ion: 43 Resp: 32824
Ion Ratio Lower Upper
43 100
58 59.7 44.1 66.1
57 20.5 16.2 24.2

Manual Integrations
APPROVED

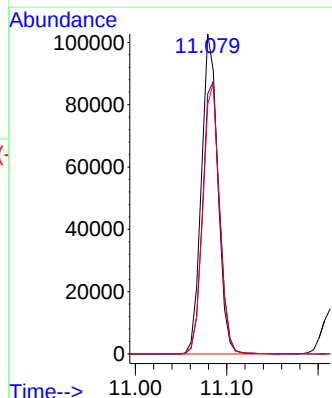
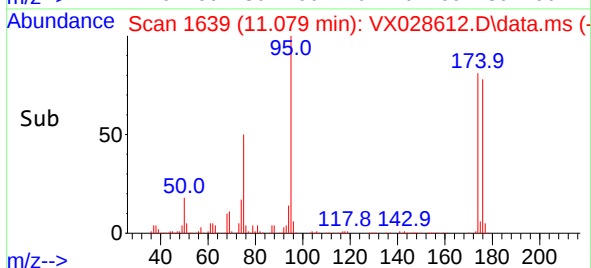
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

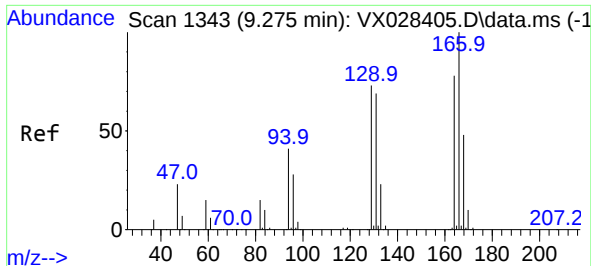


#60
4-Bromofluorobenzene
Concen: 29.876 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



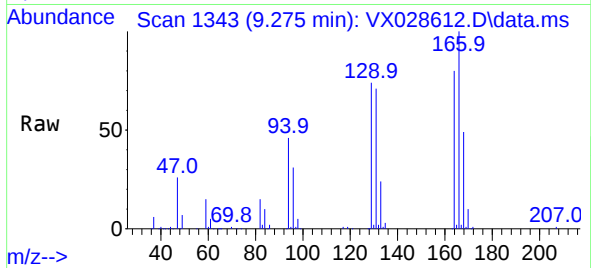
Tgt Ion: 95 Resp: 127593
Ion Ratio Lower Upper
95 100
174 87.7 65.4 98.2
176 85.5 63.4 95.0





#61
Tetrachloroethene
Concen: 19.952 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

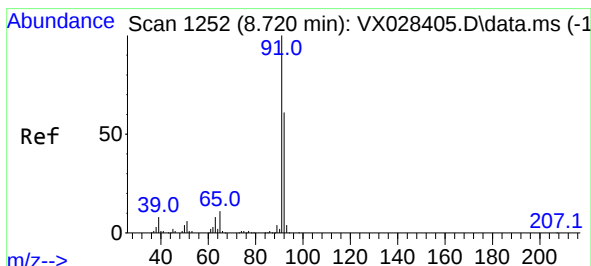
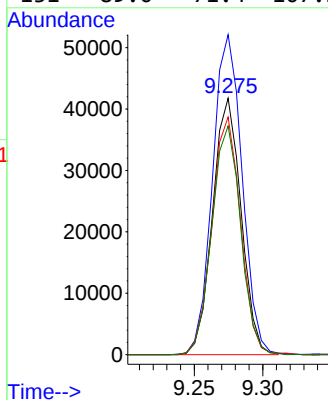
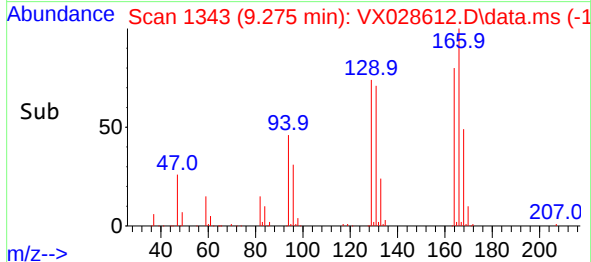
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



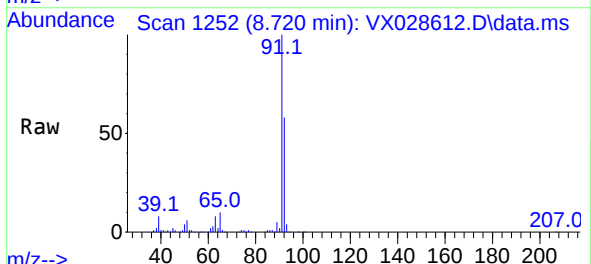
Tgt Ion:164 Resp: 6044
Ion Ratio Lower Upper
164 100
166 124.6 105.0 157.6
129 92.6 78.5 117.7
131 89.0 71.4 107.2

Manual Integrations
APPROVED

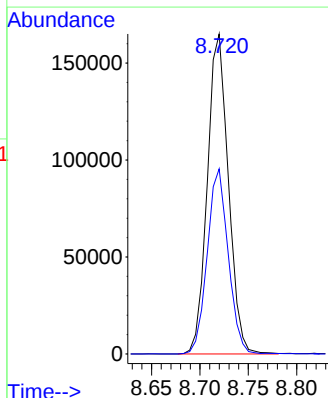
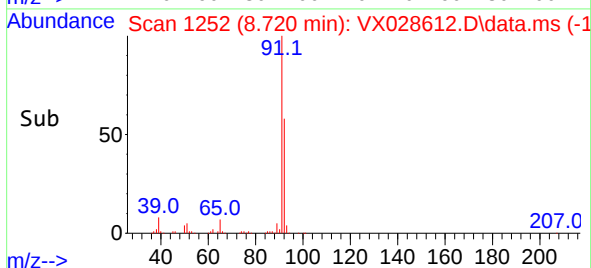
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

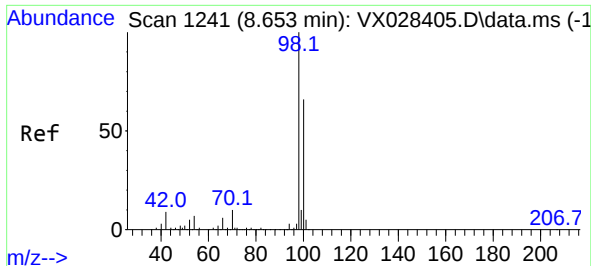


#62
Toluene
Concen: 20.975 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



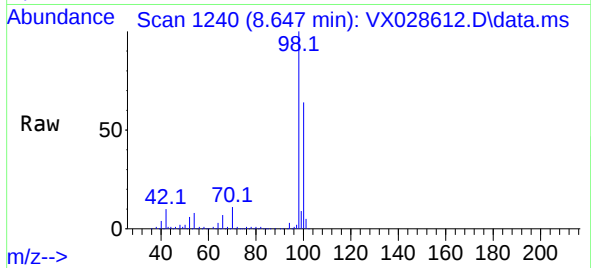
Tgt Ion: 91 Resp: 249826
Ion Ratio Lower Upper
91 100
92 57.6 48.1 72.1





#63
Toluene-d8
Concen: 30.787 ug/l
RT: 8.647 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

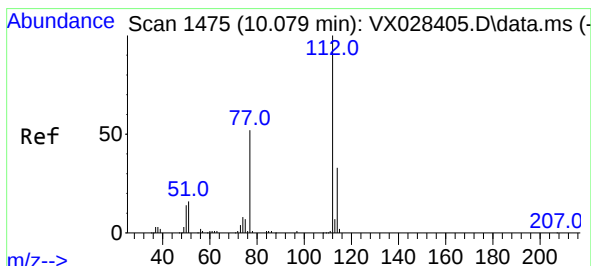
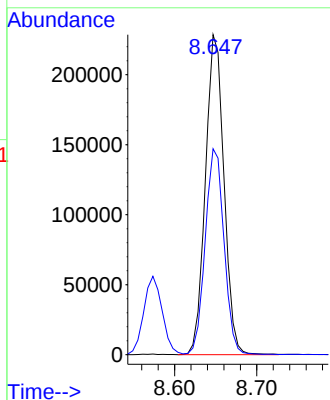
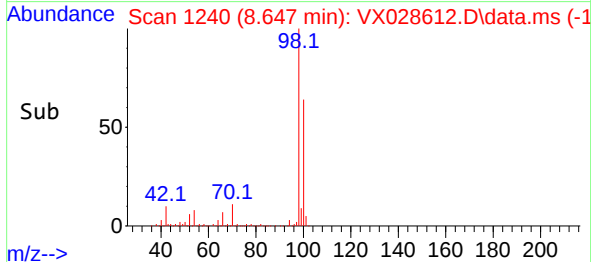
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



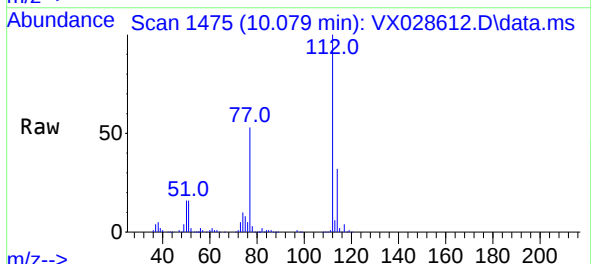
Tgt Ion: 98 Resp: 358159
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.2

Manual Integrations
APPROVED

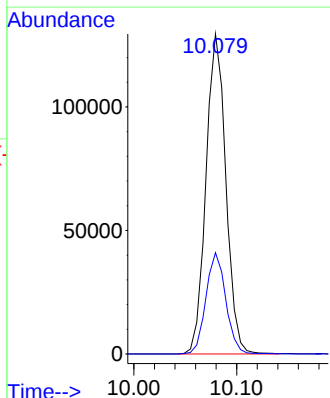
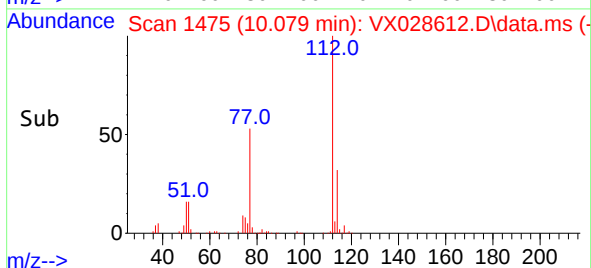
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

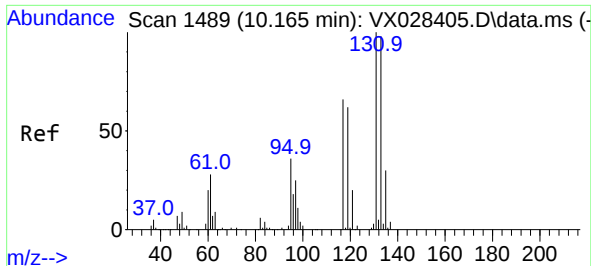


#64
Chlorobenzene
Concen: 20.760 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



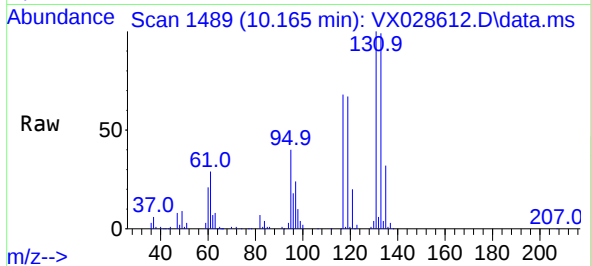
Tgt Ion:112 Resp: 174439
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 19.920 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

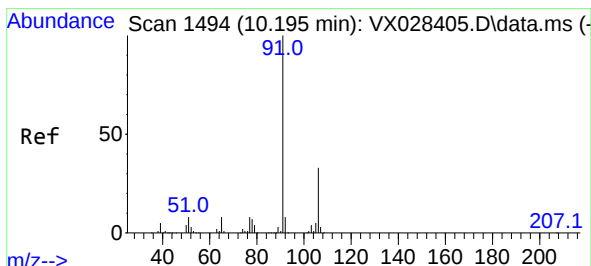
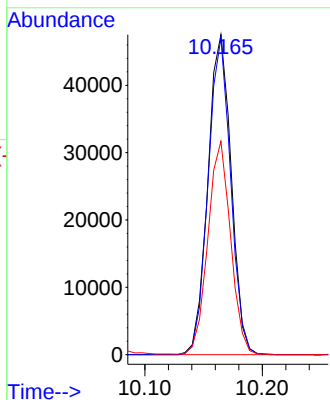
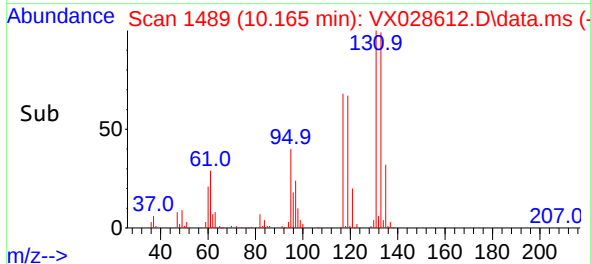
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



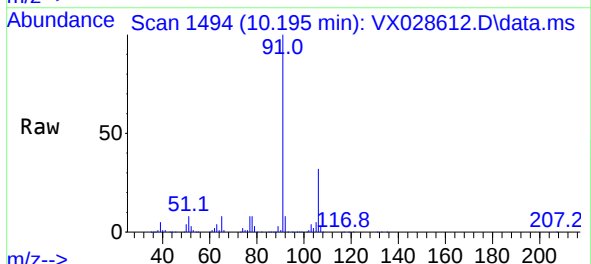
Tgt Ion:131 Resp: 6537
Ion Ratio Lower Upper
131 100
133 95.7 0.0 197.2
119 65.1 0.0 127.4

Manual Integrations
APPROVED

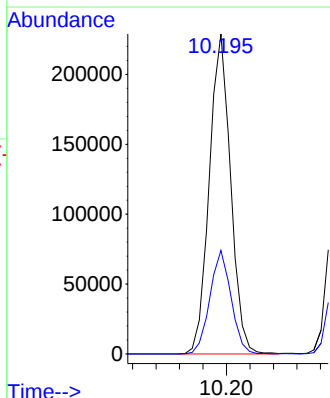
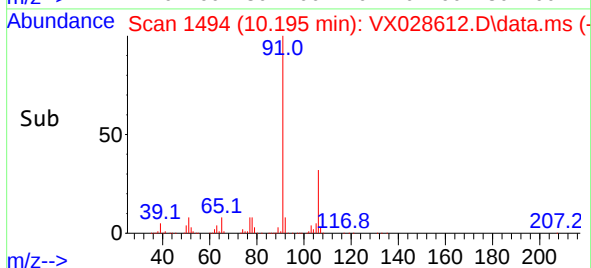
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

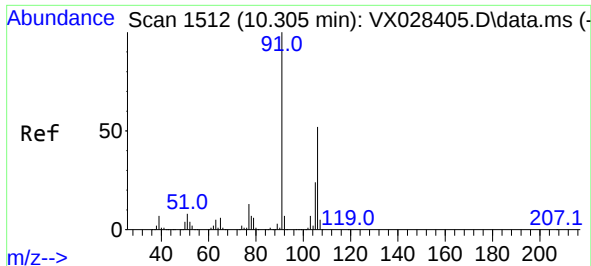


#66
Ethyl Benzene
Concen: 20.503 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



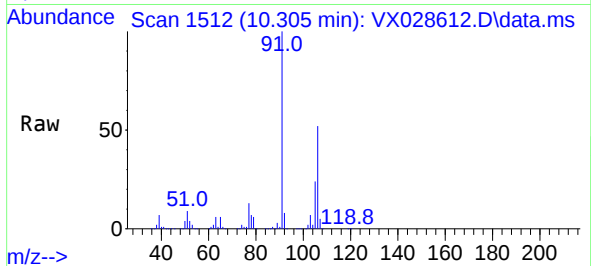
Tgt Ion: 91 Resp: 287909
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.8





#67
m/p-Xylenes
Concen: 41.470 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

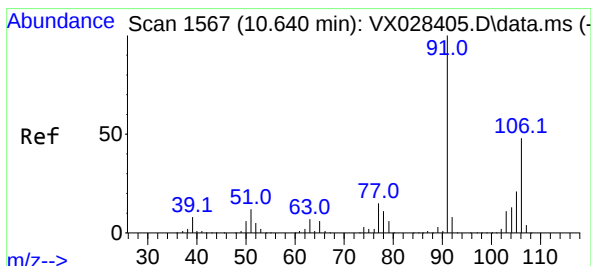
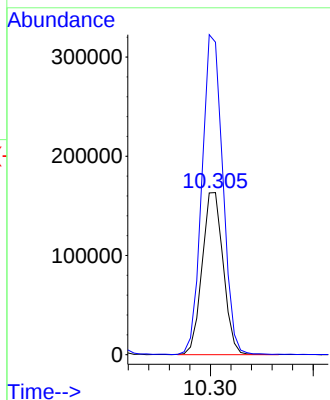
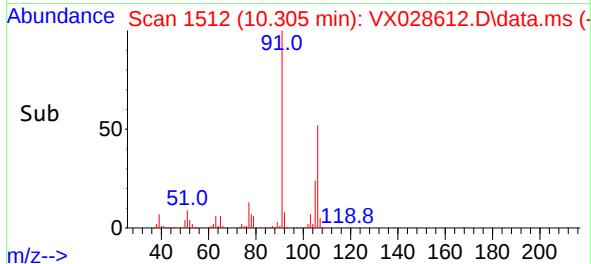
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



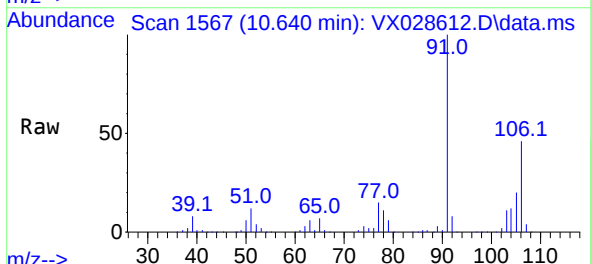
Tgt Ion:106 Resp: 23343
Ion Ratio Lower Upper
106 100
91 194.5 159.5 239.3

Manual Integrations
APPROVED

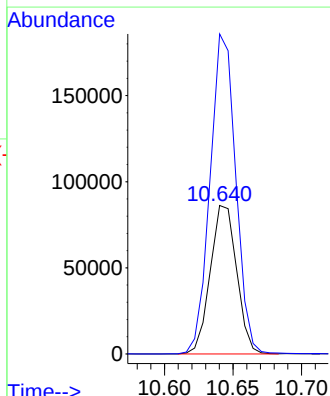
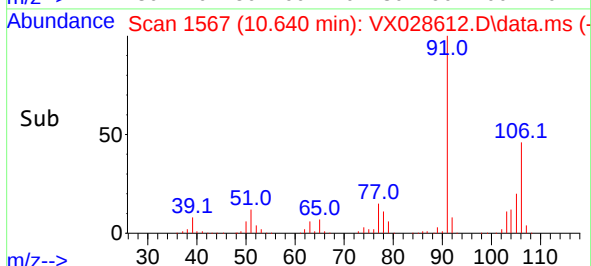
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

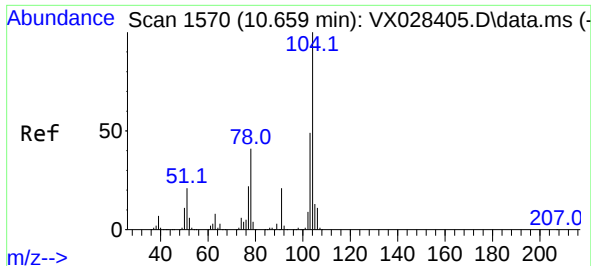


#68
o-Xylene
Concen: 20.202 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



Tgt Ion:106 Resp: 115567
Ion Ratio Lower Upper
106 100
91 209.8 105.4 316.2





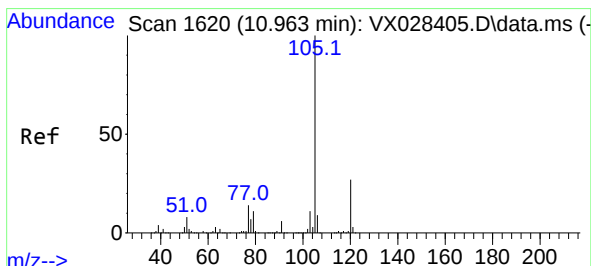
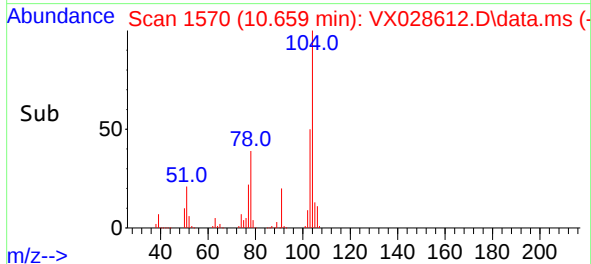
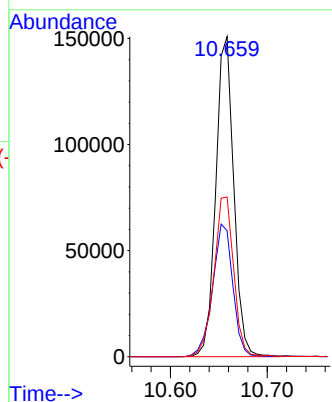
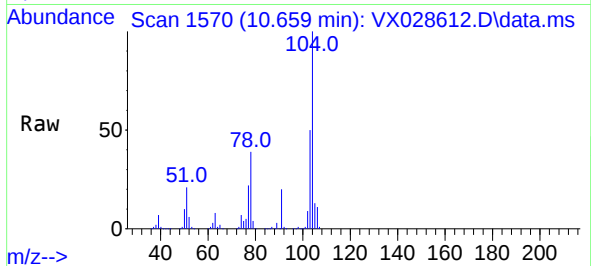
#69
Styrene
Concen: 20.359 ug/l
RT: 10.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 19452
Ion Ratio Lower Upper
104 100
78 46.6 39.7 59.5
103 55.0 42.7 64.1

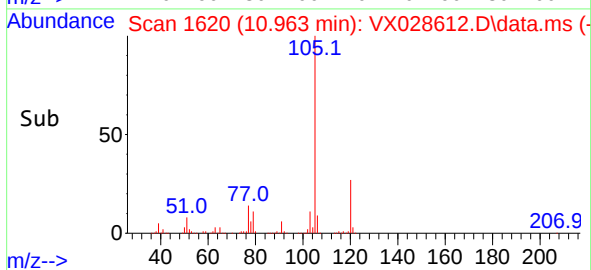
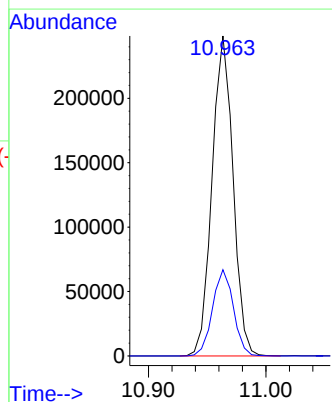
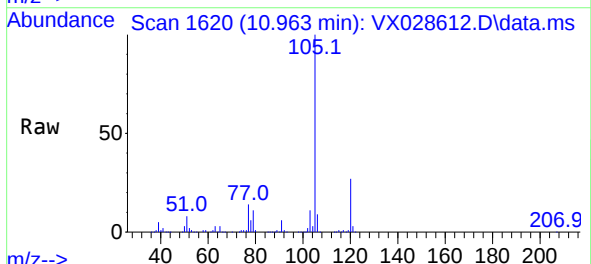
Manual Integrations
APPROVED

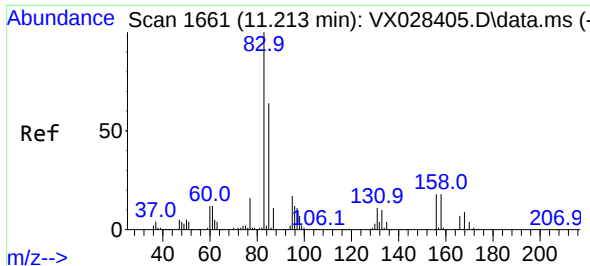
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#70
Isopropylbenzene
Concen: 20.718 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

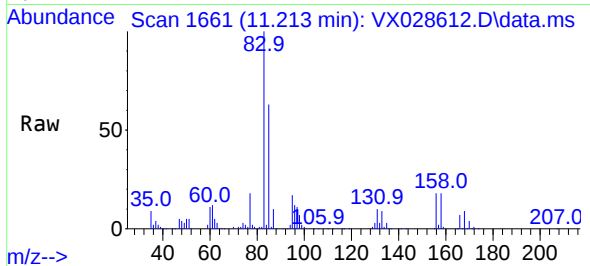
Tgt Ion:105 Resp: 308360
Ion Ratio Lower Upper
105 100
120 26.8 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 21.476 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

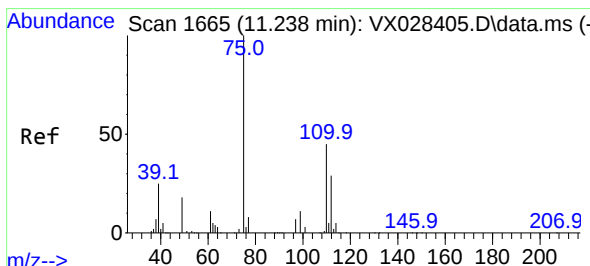
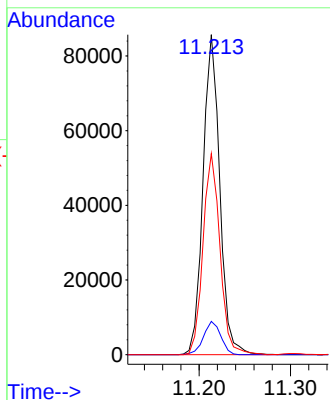
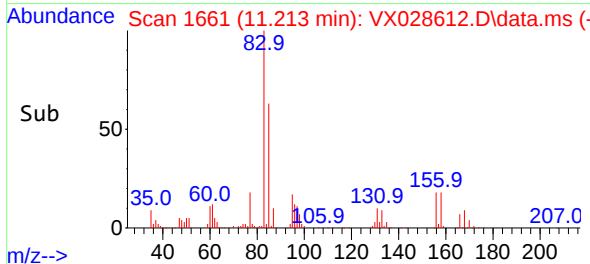
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



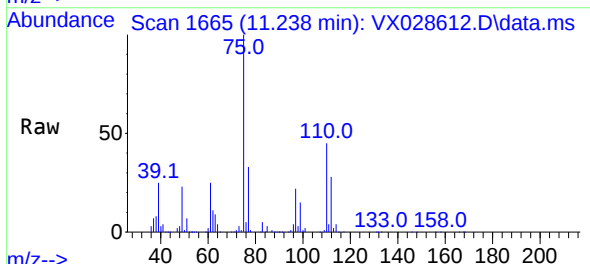
Tgt Ion: 83 Resp: 108524
Ion Ratio Lower Upper
83 100
131 10.8 5.8 17.3
85 63.9 32.0 96.2

Manual Integrations
APPROVED

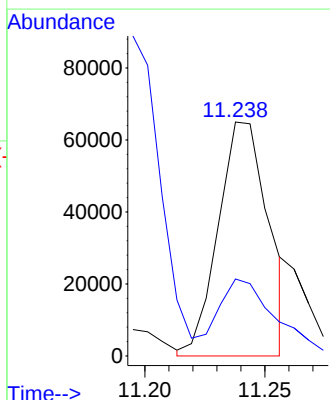
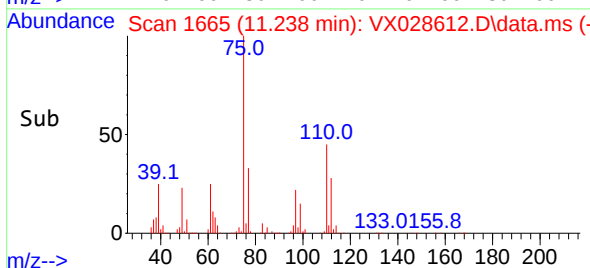
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

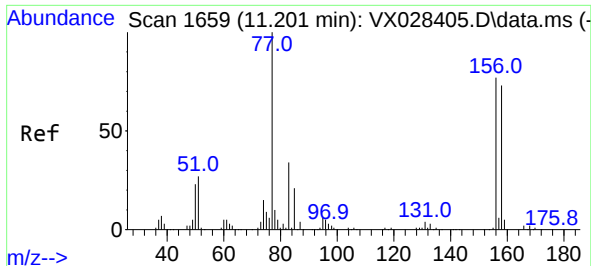


#72
1,2,3-Trichloropropane
Concen: 20.993 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



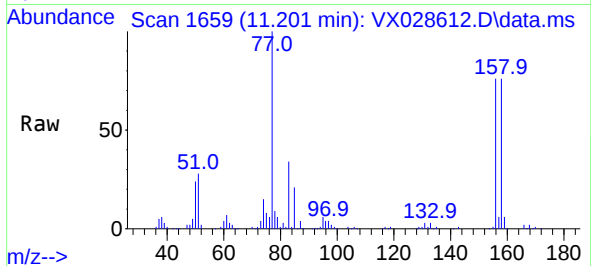
Tgt Ion: 75 Resp: 94395
Ion Ratio Lower Upper
75 100
77 38.2 0.0 78.6





#73
Bromobenzene
Concen: 19.893 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

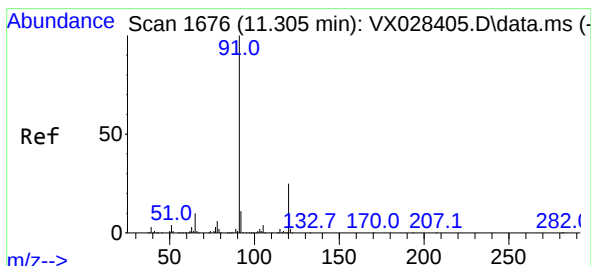
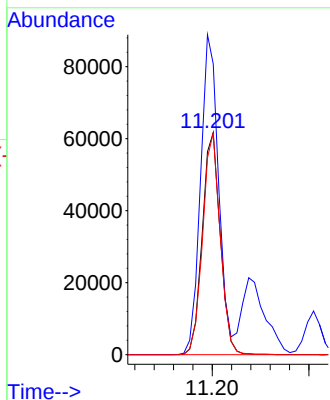
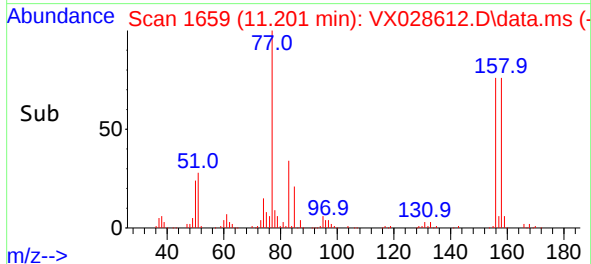
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



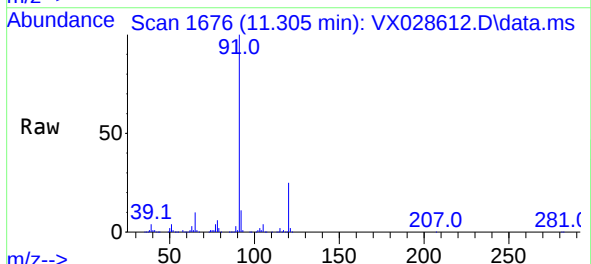
Tgt Ion:156 Resp: 7983
Ion Ratio Lower Upper
156 100
77 143.4 0.0 297.6
158 97.4 0.0 188.4

Manual Integrations
APPROVED

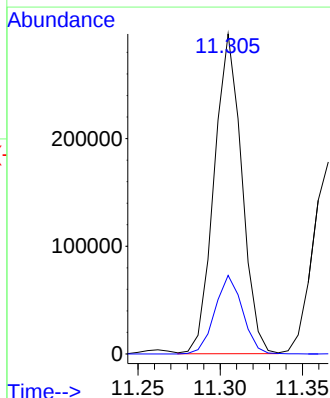
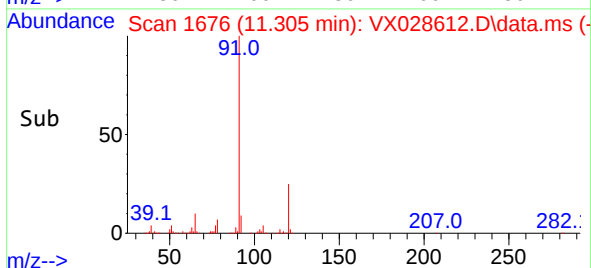
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

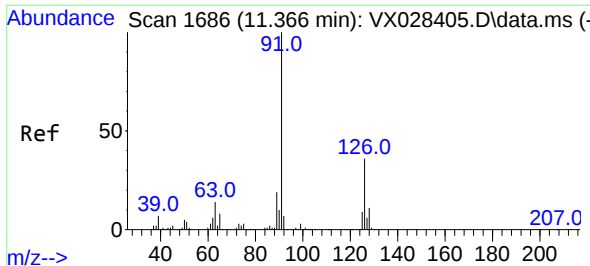


#74
n-propylbenzene
Concen: 20.893 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



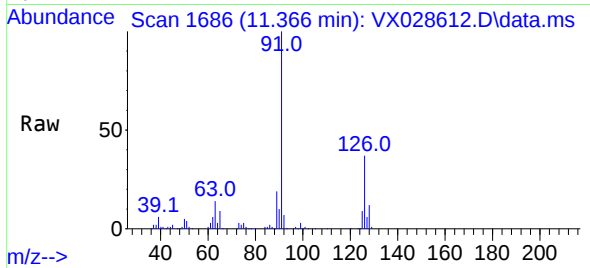
Tgt Ion: 91 Resp: 346715
Ion Ratio Lower Upper
91 100
120 24.5 0.0 48.0





#75
2-Chlorotoluene
Concen: 20.820 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

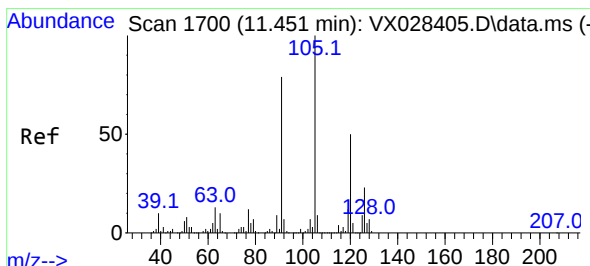
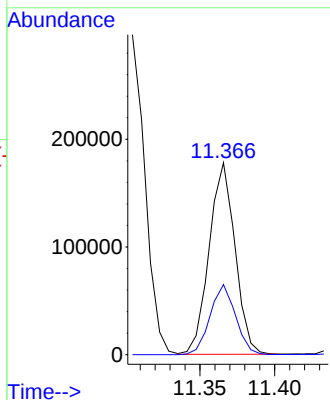
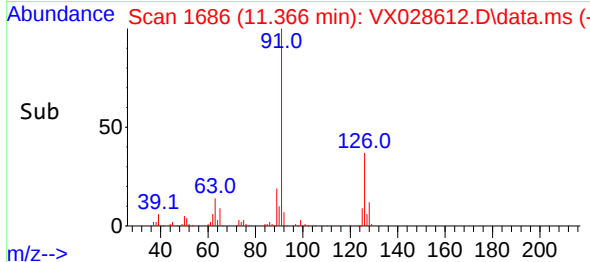
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



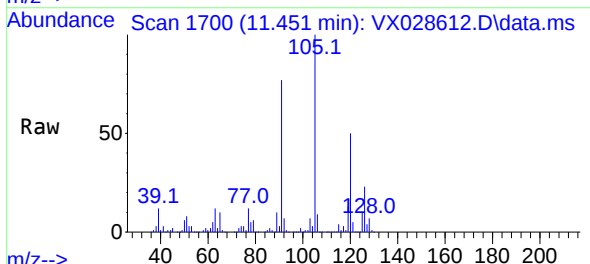
Tgt Ion: 91 Resp: 214030
Ion Ratio Lower Upper
91 100
126 36.1 0.0 68.6

Manual Integrations
APPROVED

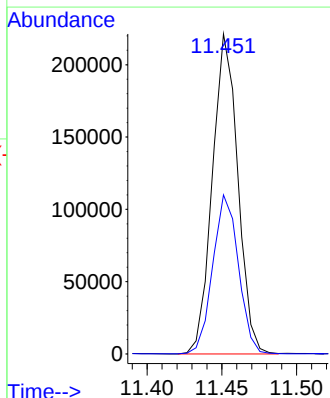
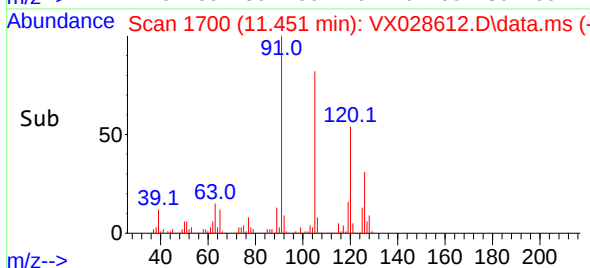
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

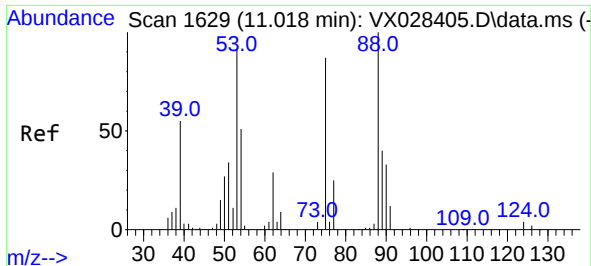


#76
1,3,5-Trimethylbenzene
Concen: 20.969 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



Tgt Ion:105 Resp: 261695
Ion Ratio Lower Upper
105 100
120 50.2 0.0 98.0





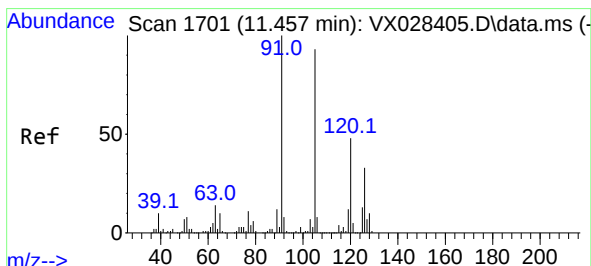
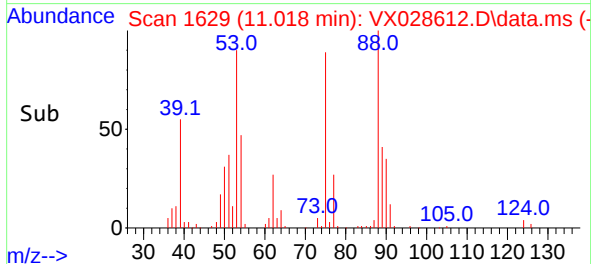
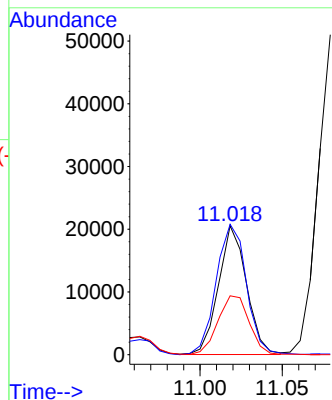
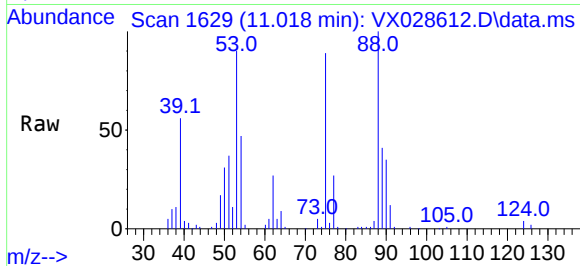
#77
t-1,4-Dichloro-2-butene
Concen: 17.908 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 2438
Ion Ratio Lower Upper
75 100
53 101.5 59.7 179.1
89 45.5 23.1 69.2

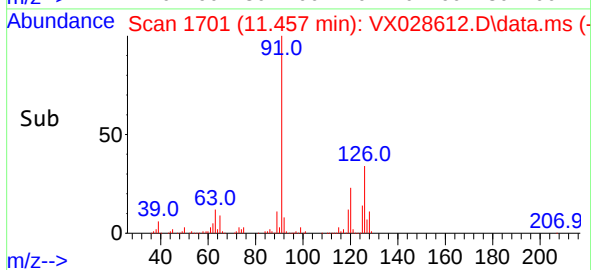
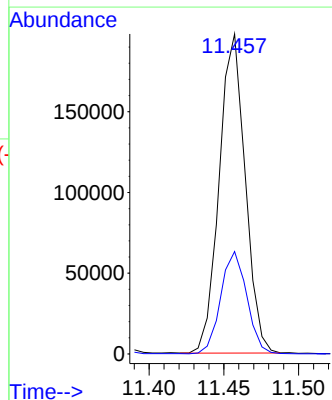
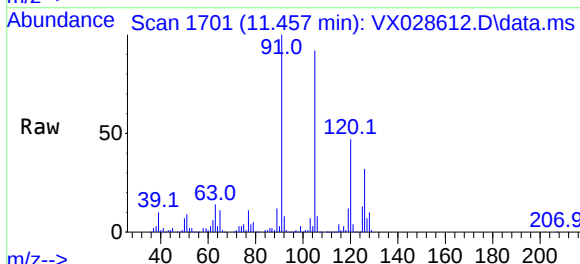
Manual Integrations
APPROVED

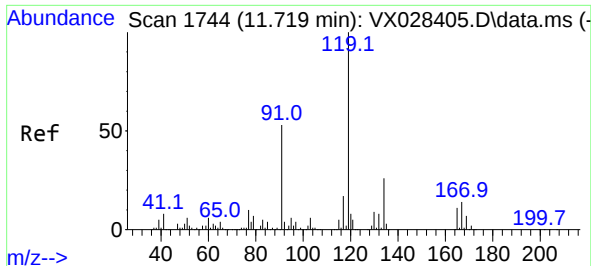
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#78
4-Chlorotoluene
Concen: 20.551 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

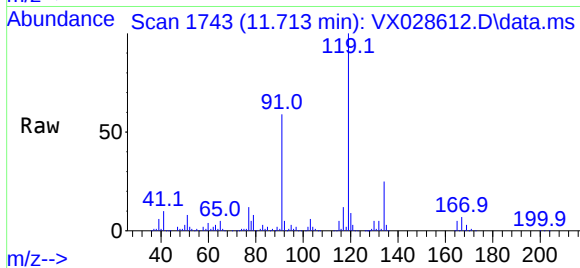
Tgt Ion: 91 Resp: 238956
Ion Ratio Lower Upper
91 100
126 32.3 0.0 59.8





#79
tert-butylbenzene
Concen: 20.417 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

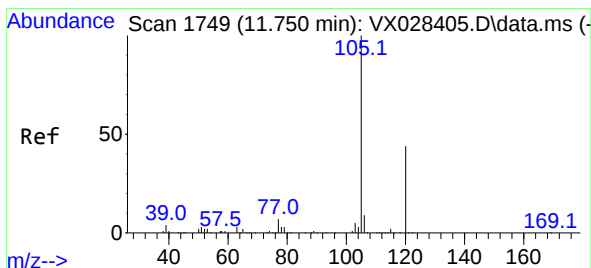
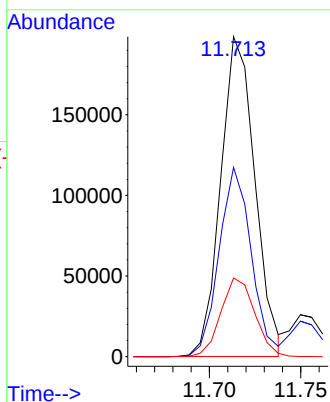
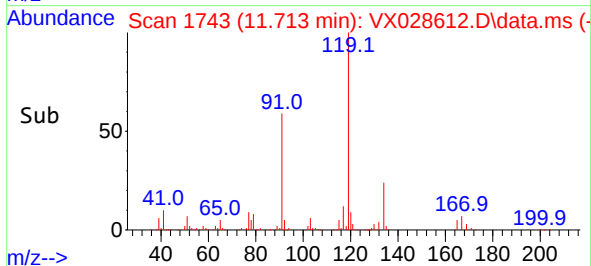
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 258509
Ion Ratio Lower Upper
119 100
91 55.7 0.0 119.4
134 24.4 0.0 48.4

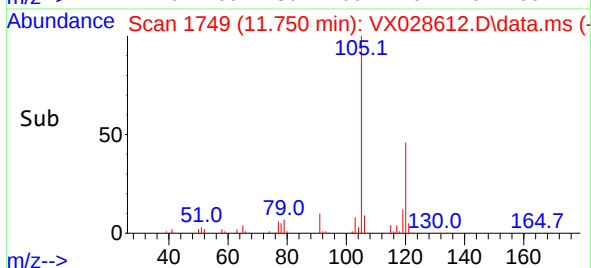
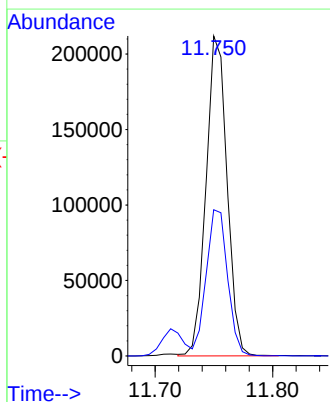
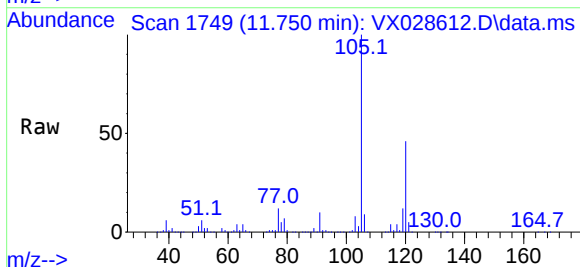
Manual Integrations
APPROVED

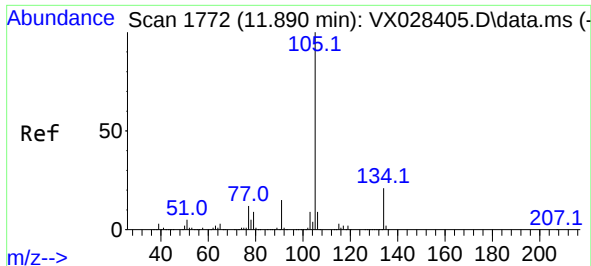
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#80
1,2,4-Trimethylbenzene
Concen: 20.983 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

Tgt Ion:105 Resp: 262860
Ion Ratio Lower Upper
105 100
120 46.5 0.0 89.6





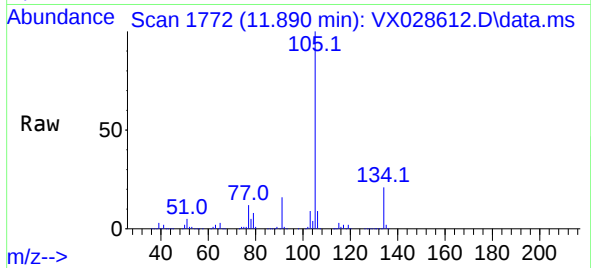
#81
 sec-Butylbenzene
 Concen: 21.121 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX028612.D
 Acq: 11 May 2022 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



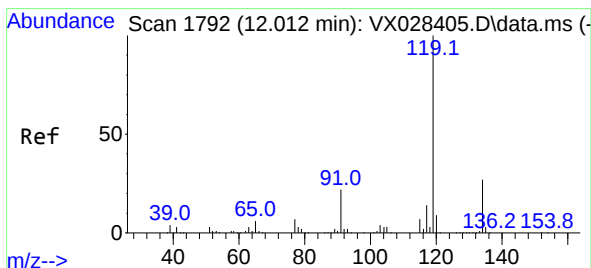
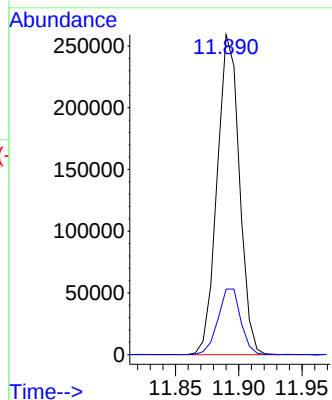
Tgt Ion:105 Resp: 316979
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 41.2

Manual Integrations

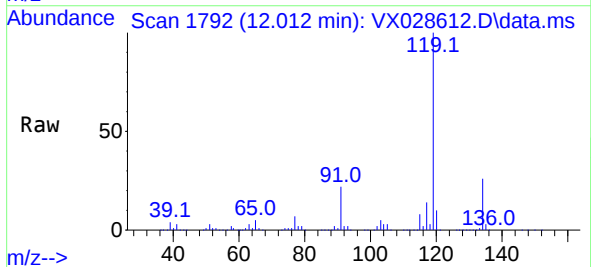
APPROVED

Reviewed By :John Carlone 05/12/2022

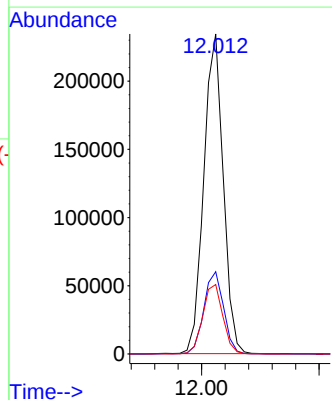
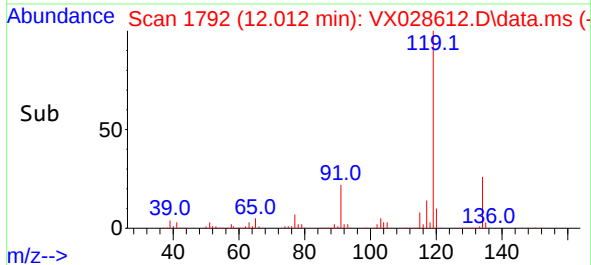
Supervised By :Mahesh Dadoda 05/12/2022

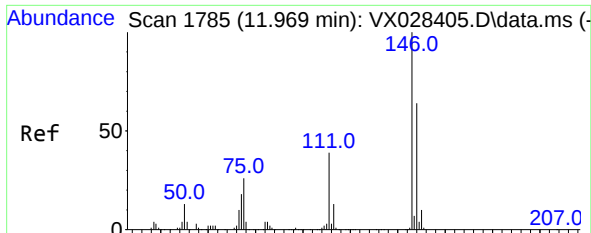


#82
 p-Isopropyltoluene
 Concen: 20.634 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028612.D
 Acq: 11 May 2022 10:42



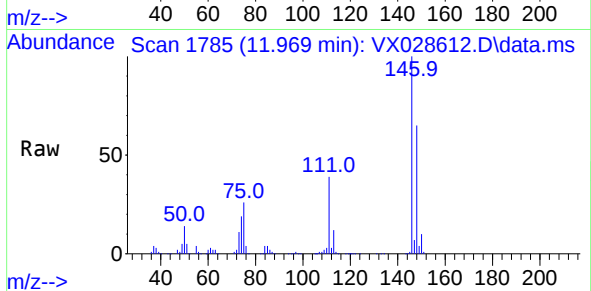
Tgt Ion:119 Resp: 268797
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.4
 91 22.6 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 20.366 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

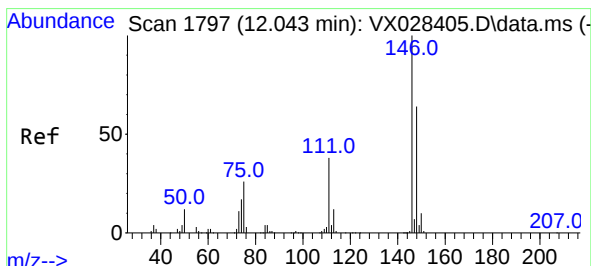
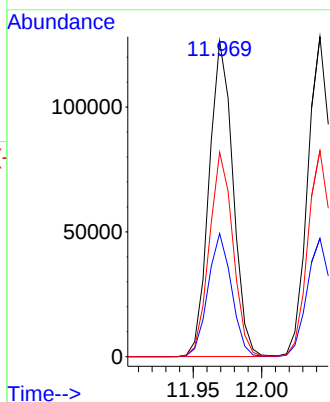
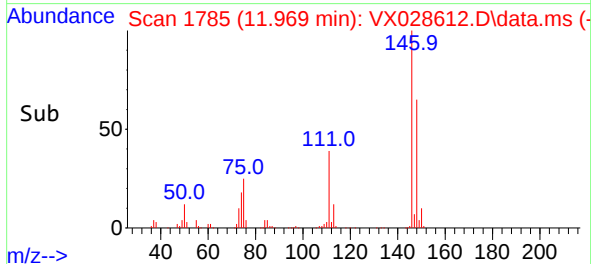
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



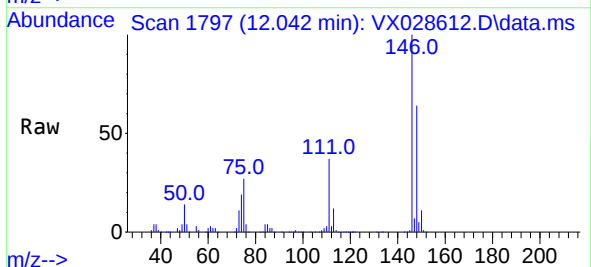
Tgt Ion:146 Resp: 15329
Ion Ratio Lower Upper
146 100
111 38.5 19.8 59.4
148 64.2 31.6 94.8

Manual Integrations
APPROVED

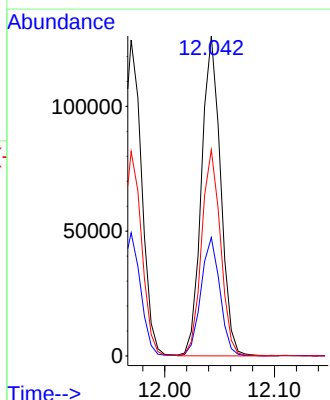
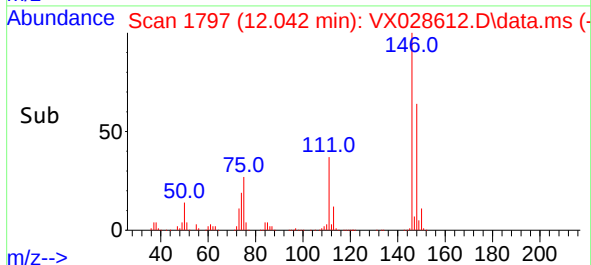
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

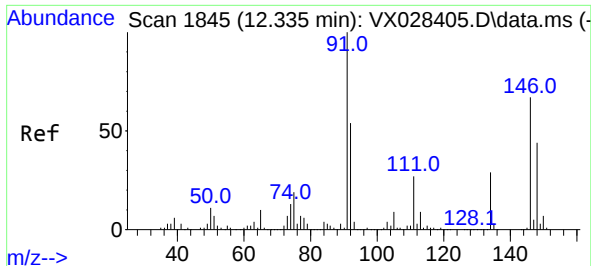


#84
1,4-Dichlorobenzene
Concen: 20.288 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



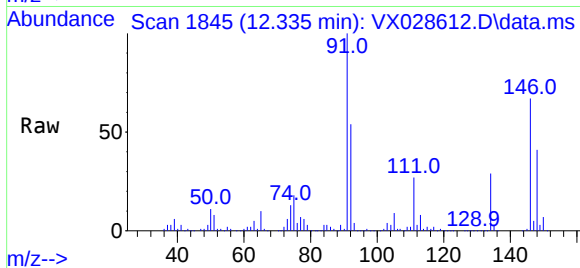
Tgt Ion:146 Resp: 155256
Ion Ratio Lower Upper
146 100
111 36.8 19.2 57.6
148 63.8 32.3 96.8





#85
n-Butylbenzene
Concen: 20.646 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

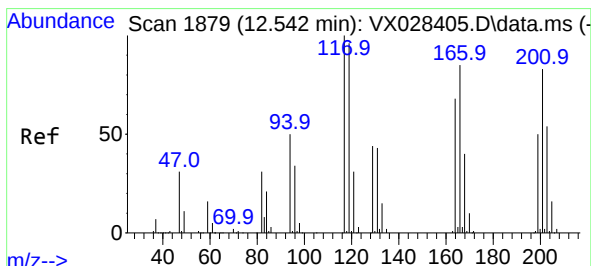
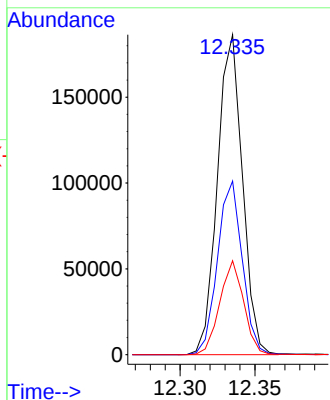
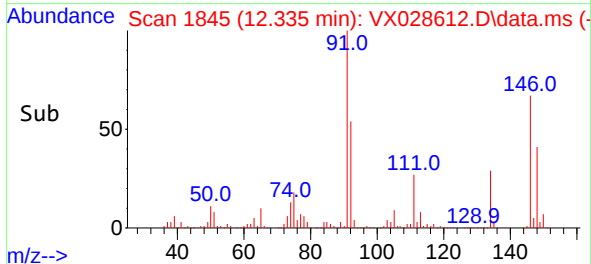
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



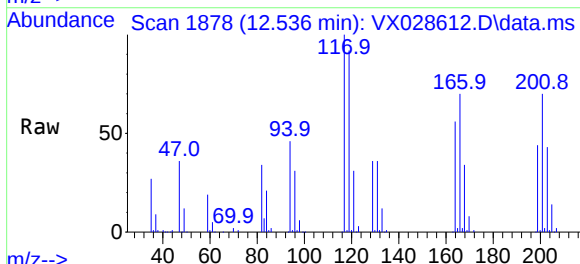
Tgt Ion: 91 Resp: 21706
Ion Ratio Lower Upper
91 100
92 53.8 0.0 109.4
134 28.0 0.0 56.4

Manual Integrations
APPROVED

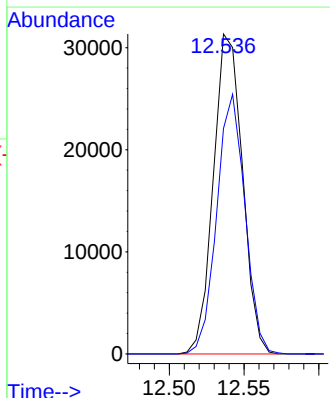
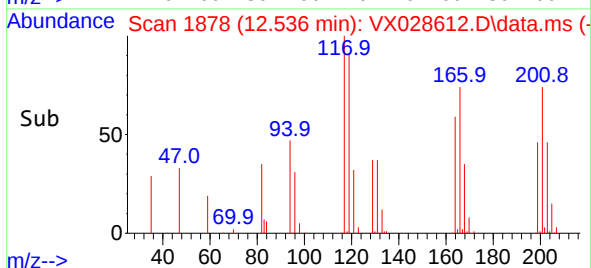
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

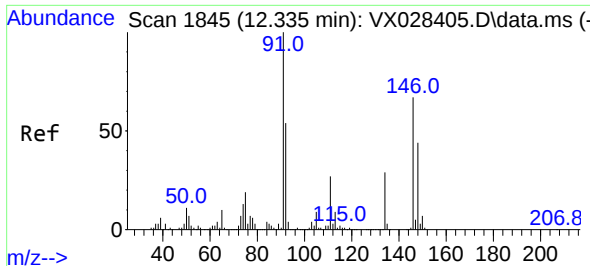


#86
Hexachloroethane
Concen: 20.685 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



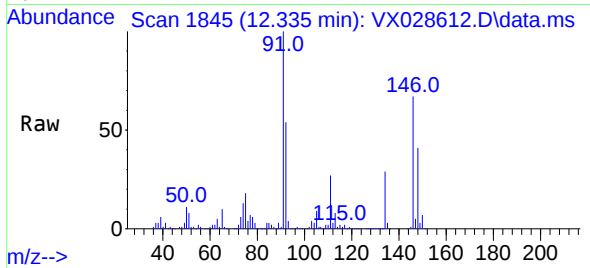
Tgt Ion:117 Resp: 42401
Ion Ratio Lower Upper
117 100
201 78.7 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 20.612 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

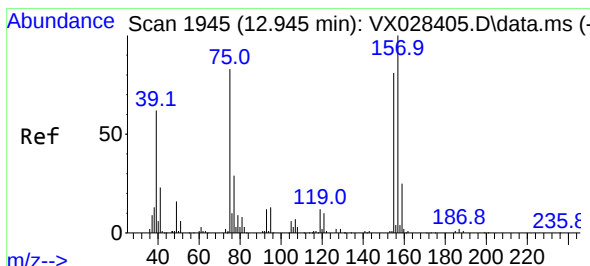
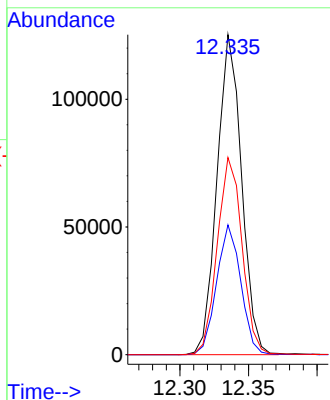
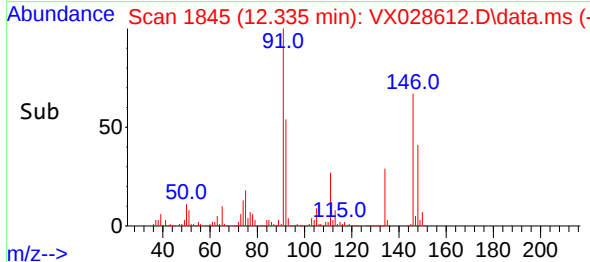
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



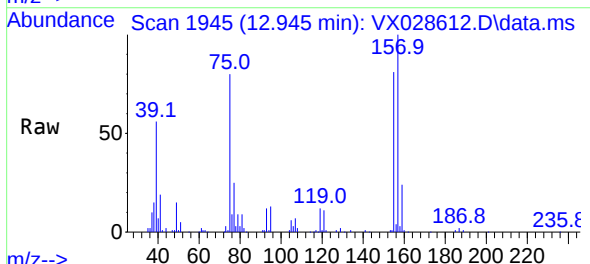
Tgt Ion:146 Resp: 15624
Ion Ratio Lower Upper
146 100
111 40.0 21.1 63.3
148 62.3 31.4 94.2

Manual Integrations
APPROVED

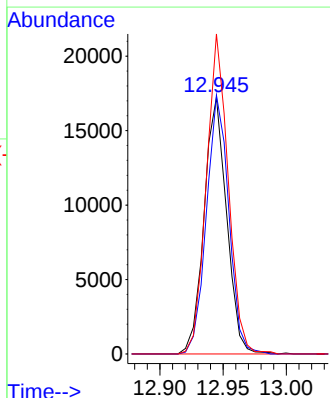
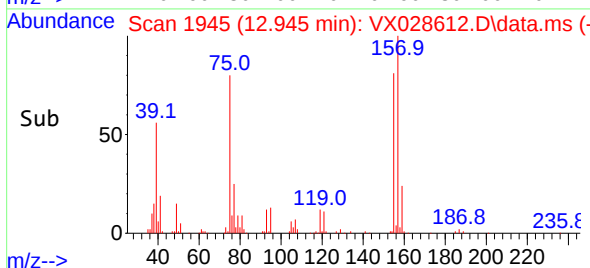
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

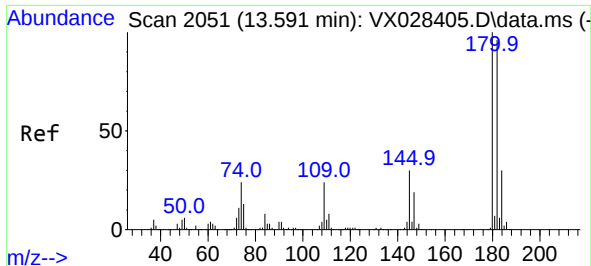


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.808 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



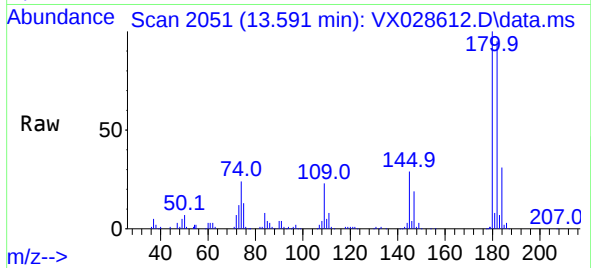
Tgt Ion: 75 Resp: 21381
Ion Ratio Lower Upper
75 100
155 99.9 74.3 111.5
157 120.5 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 19.735 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

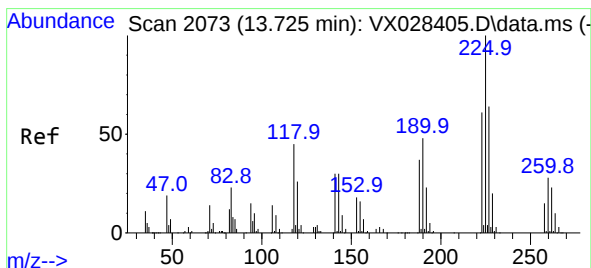
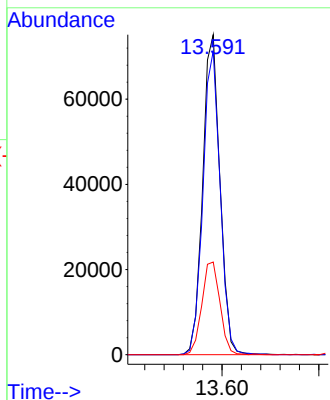
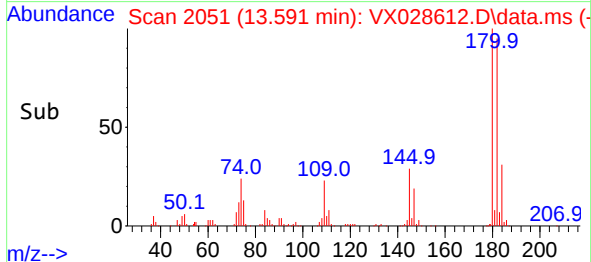
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



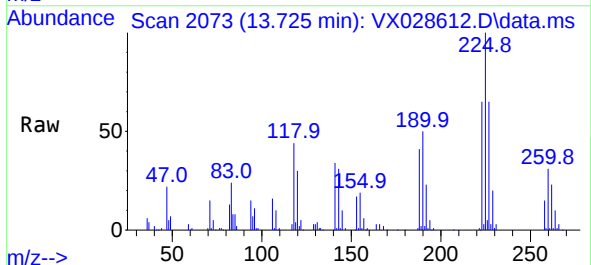
Tgt Ion:180 Resp: 9344
Ion Ratio Lower Upper
180 100
182 94.7 77.4 116.2
145 30.4 24.2 36.4

Manual Integrations
APPROVED

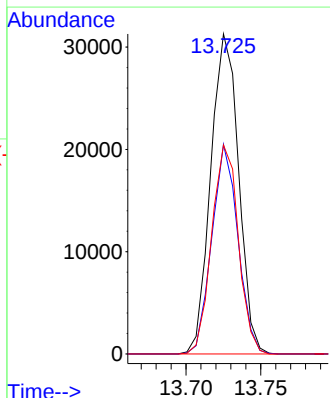
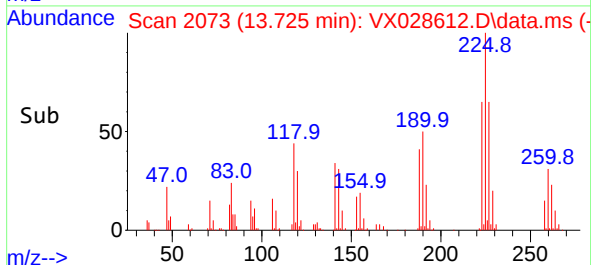
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

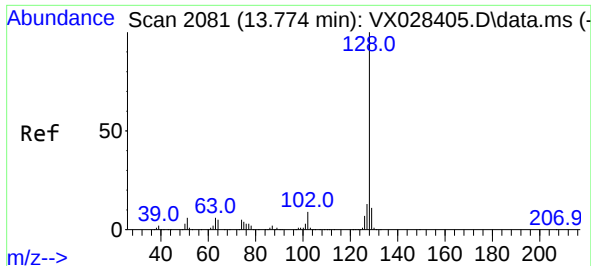


#90
Hexachlorobutadiene
Concen: 20.191 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



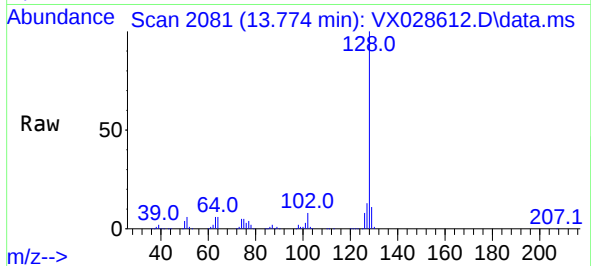
Tgt Ion:225 Resp: 40531
Ion Ratio Lower Upper
225 100
223 61.3 0.0 126.0
227 62.4 0.0 125.0





#91
Naphthalene
Concen: 18.881 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42

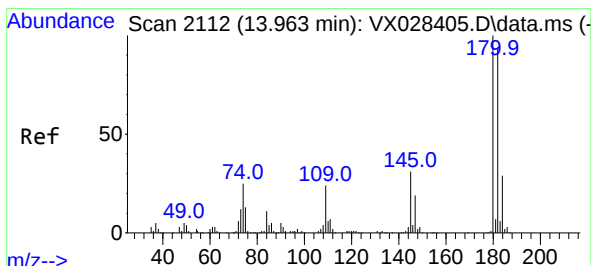
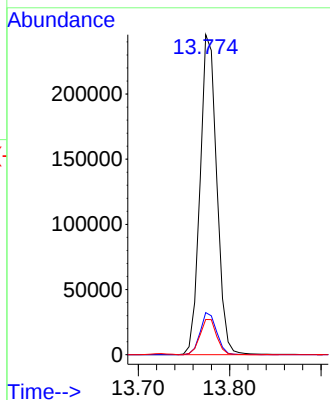
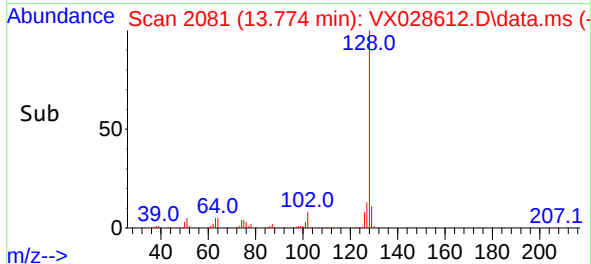
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



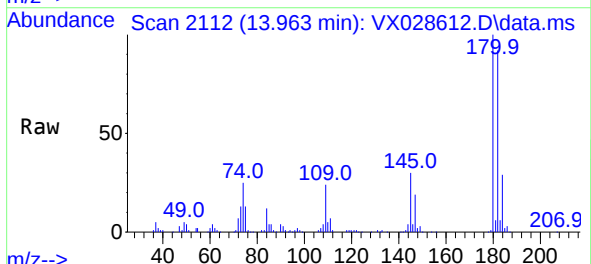
Tgt Ion:128 Resp: 31240
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#92
1,2,3-Trichlorobenzene
Concen: 19.737 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028612.D
Acq: 11 May 2022 10:42



Tgt Ion:180 Resp: 93681
Ion Ratio Lower Upper
180 100
182 93.9 0.0 189.4
145 31.7 0.0 67.2

