

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072622\
 Data File : VX030205.D
 Acq On : 26 Jul 2022 10:51
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/27/2022
 Supervised By : Mahesh Dadoda 07/27/2022

Quant Time: Jul 26 11:15:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	34151	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	191583	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	175002	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	92417	33.187	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.633%#			
60) 4-Bromofluorobenzene	11.085	95	102047	30.942	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.133%			
63) Toluene-d8	8.653	98	284902	30.023	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.067%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48619	20.819	ug/l	96
3) Chloromethane	1.288	50	44823	18.406	ug/l	95
4) Vinyl Chloride	1.374	62	47628	17.260	ug/l	99
5) Bromomethane	1.605	94	22567	19.850	ug/l	96
6) Chloroethane	1.684	64	27928	18.899	ug/l	97
7) Trichlorofluoromethane	1.886	101	66745	19.081	ug/l	100
8) Diethyl Ether	2.136	74	26416	17.755	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	48566	20.620	ug/l	93
10) 1,1-Dichloroethene	2.318	96	48281	20.076	ug/l	99
11) Methyl Iodide	2.453	142	45303	24.277	ug/l	95
12) Methyl Acetate	2.709	43	96352	24.600	ug/l	91
13) Acrolein	2.239	56	17965	39.044	ug/l	93
14) Acrylonitrile	3.068	53	186474	110.621	ug/l	97
15) Acetone	2.386	58	47682	104.133	ug/l	93
16) Carbon Disulfide	2.514	76	122594	19.527	ug/l	98
17) Allyl chloride	2.666	41	97005	22.888	ug/l	93
18) Methylene Chloride	2.788	84	56820	20.279	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	52921	20.278	ug/l	98
20) Diisopropyl ether	3.763	45	191959	22.609	ug/l	88
21) 1,1-Dichloroethane	3.611	63	99474	21.763	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	60137	19.405	ug/l	92
23) tert-Butyl Alcohol	2.971	59	75819	98.180	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	166346	21.440	ug/l	97
25) Chloroform	5.098	83	97894	21.490	ug/l	95
26) Cyclohexane	5.470	56	89485	21.130	ug/l #	88
29) 1,1-Dichloropropene	5.696	75	72212	22.034	ug/l	99
30) 2-Butanone	4.562	43	261101	118.032	ug/l	96
31) 2,2-Dichloropropane	4.483	77	72107	23.020	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	80586	22.868	ug/l	96
33) Carbon Tetrachloride	5.678	117	67995	22.973	ug/l	95
34) Benzene	6.043	78	225520	21.413	ug/l	98
35) Methacrylonitrile	4.928	41	55313	24.703	ug/l	98
36) 1,2-Dichloroethane	6.092	62	77266	24.100	ug/l	99
37) Trichloroethene	7.129	130	58713	20.845	ug/l	92
38) Methylcyclohexane	7.379	83	90910	21.378	ug/l	92
39) 1,2-Dichloropropane	7.433	63	60356	22.512	ug/l	95
40) Dibromomethane	7.586	93	38945	21.430	ug/l	90
41) Bromodichloromethane	7.824	83	73994	22.794	ug/l	99
42) Vinyl Acetate	3.727	43	830381	117.381	ug/l	95

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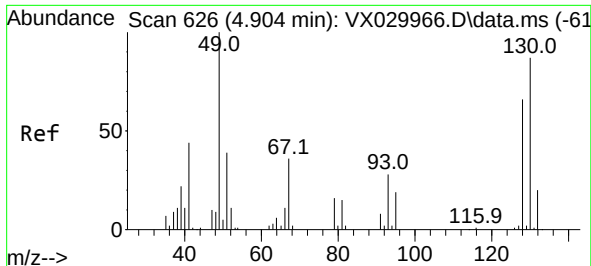
Manual Integrations
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 Supervised By : Mahesh Dadoda 07/27/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.720	43	98365	23.606	ug/l	98
44) Isopropyl Acetate	6.342	43	148040	23.386	ug/l	97
45) 1,4-Dioxane	7.677	88	31548	424.540	ug/l	97
46) Methyl methacrylate	7.696	41	71871	23.958	ug/l	97
47) n-amyl Acetate	10.841	43	118424	21.777	ug/l	97
48) t-1,3-Dichloropropene	8.982	75	77161	21.508	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	87416	21.700	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	55633	20.664	ug/l	92
51) Ethyl methacrylate	9.116	69	91702	21.888	ug/l	96
52) 1,3-Dichloropropane	9.311	76	93225	21.526	ug/l	99
53) Dibromochloromethane	9.524	129	55073	22.100	ug/l	99
54) 1,2-Dibromoethane	9.610	107	60108	21.499	ug/l	97
55) 2-Chloroethyl vinyl ether	8.244	63	226197	104.737	ug/l	94
56) Bromoform	10.805	173	35652	20.438	ug/l	99
58) 4-Methyl-2-Pentanone	8.573	43	501726	116.068	ug/l	95
59) 2-Hexanone	9.433	43	392229	117.314	ug/l	96
61) Tetrachloroethene	9.275	164	56263	21.412	ug/l	95
62) Toluene	8.720	91	239382	20.563	ug/l	97
64) Chlorobenzene	10.079	112	141373	20.335	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	51463	21.228	ug/l	95
66) Ethyl Benzene	10.195	91	261478	21.136	ug/l	96
67) m/p-Xylenes	10.305	106	200392	41.744	ug/l	97
68) o-Xylene	10.646	106	98703	20.647	ug/l	99
69) Styrene	10.658	104	160288	20.262	ug/l	97
70) Isopropylbenzene	10.963	105	254133	21.114	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	88497	20.219	ug/l	98
72) 1,2,3-Trichloropropane	11.244	75	82426m	20.950	ug/l	
73) Bromobenzene	11.201	156	58159	20.151	ug/l	87
74) n-propylbenzene	11.305	91	310137	21.480	ug/l	97
75) 2-Chlorotoluene	11.366	91	182935	21.516	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	217303	21.504	ug/l	97
77) t-1,4-Dichloro-2-butene	11.024	75	26809	19.811	ug/l	82
78) 4-Chlorotoluene	11.457	91	206908	21.683	ug/l	99
79) tert-butylbenzene	11.719	119	201446	20.491	ug/l	97
80) 1,2,4-Trimethylbenzene	11.756	105	212575	20.462	ug/l	99
81) sec-Butylbenzene	11.890	105	271313	20.389	ug/l	98
82) p-Isopropyltoluene	12.012	119	218080	20.357	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	110278	19.749	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	110995	19.599	ug/l	98
85) n-Butylbenzene	12.335	91	204069	20.300	ug/l	96
86) Hexachloroethane	12.542	117	36891	20.727	ug/l	83
87) 1,2-Dichlorobenzene	12.335	146	114920	20.842	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	23800	23.844	ug/l #	77
89) 1,2,4-Trichlorobenzene	13.591	180	66485	19.474	ug/l	98
90) Hexachlorobutadiene	13.725	225	26278	20.296	ug/l	98
91) Naphthalene	13.780	128	271492	19.951	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	68785	19.780	ug/l	99

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



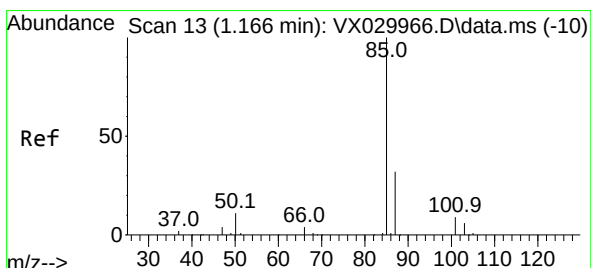
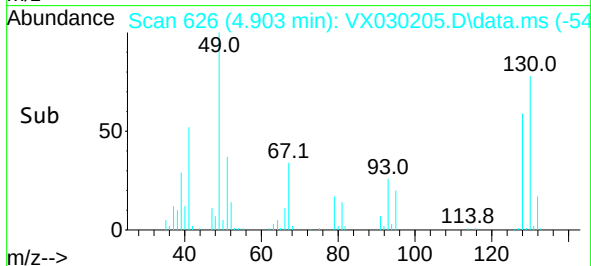
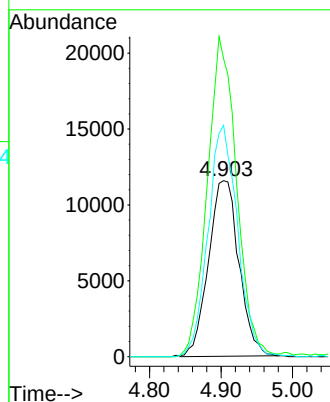
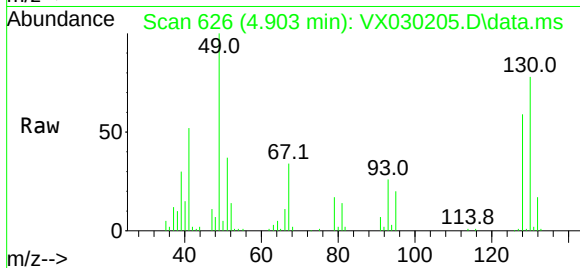
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 3415
Ion Ratio Lower Upper
128 100
49 175.2 0.0 358.3
130 127.6 0.0 319.3

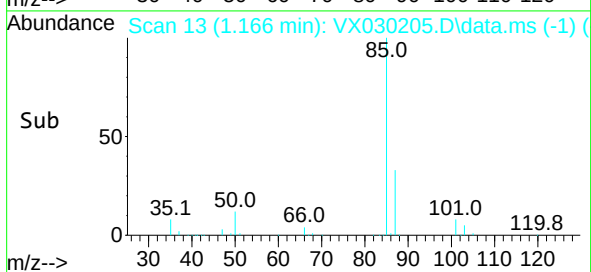
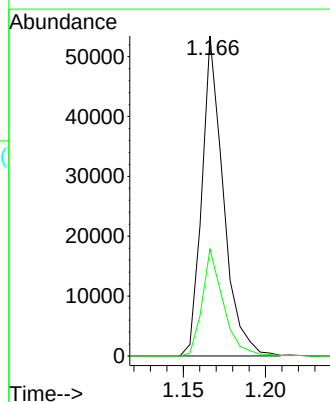
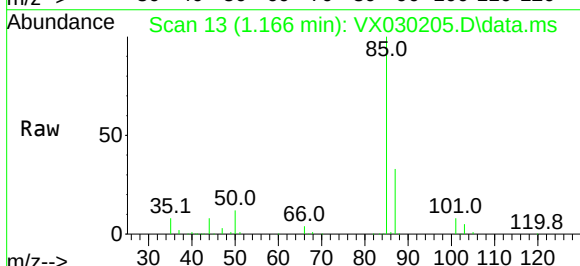
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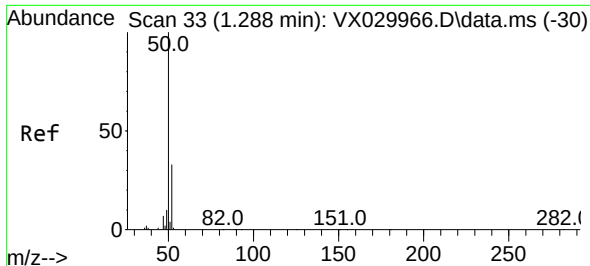
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#2
Dichlorodifluoromethane
Concen: 20.819 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

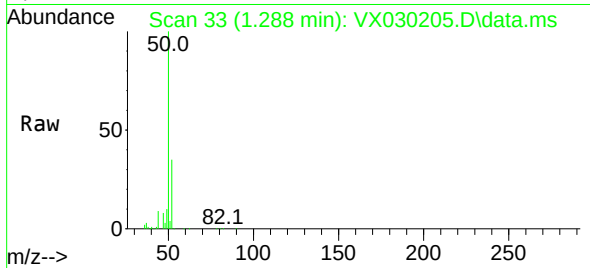
Tgt Ion: 85 Resp: 48619
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.8





#3
Chloromethane
Concen: 18.406 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

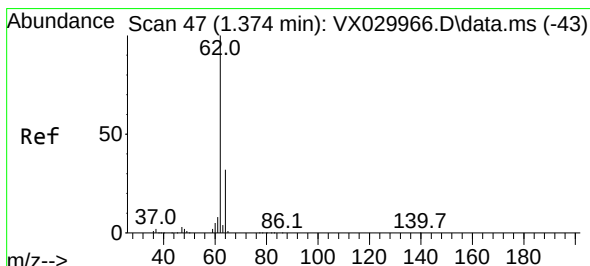
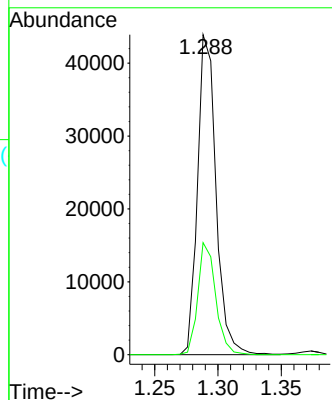
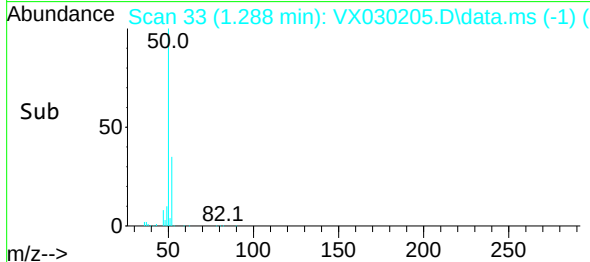
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



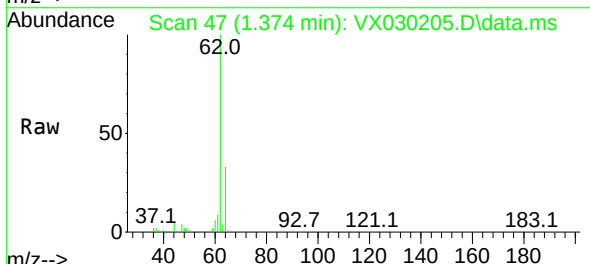
Tgt Ion: 50 Resp: 4482
Ion Ratio Lower Upper
50 100
52 35.0 25.6 38.4

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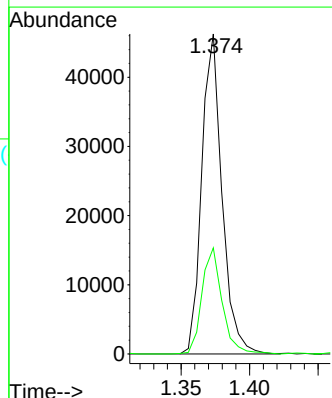
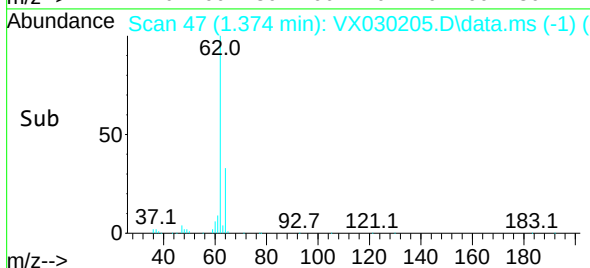
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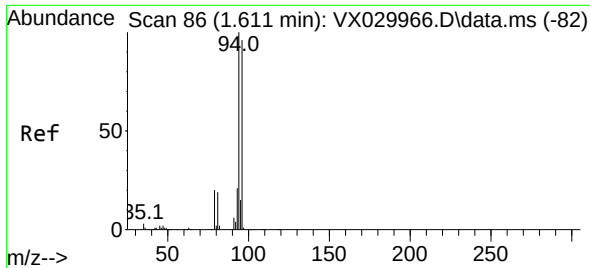


#4
Vinyl Chloride
Concen: 17.260 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



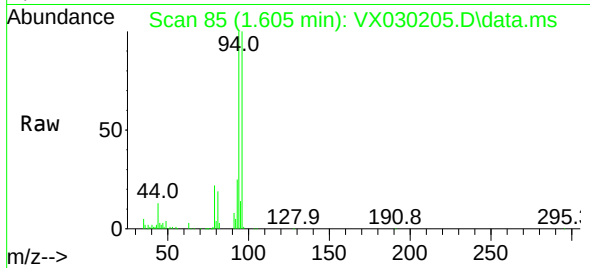
Tgt Ion: 62 Resp: 47628
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.2





#5
Bromomethane
Concen: 19.850 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

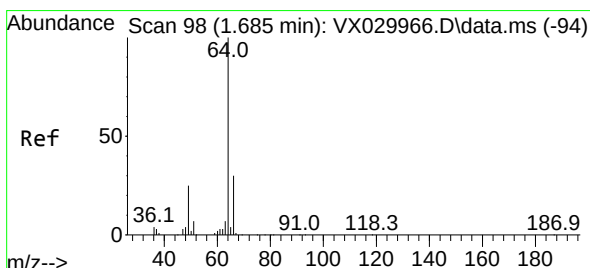
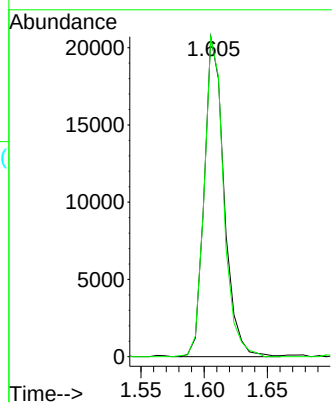
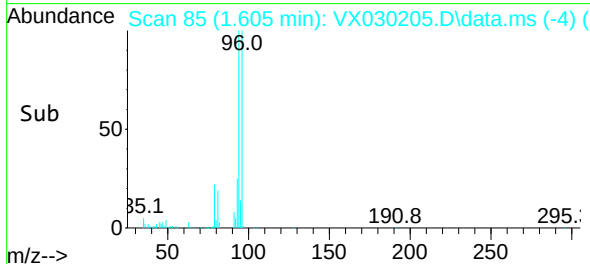
Instrument :
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VSTDCCC020



Tgt Ion: 94 Resp: 2256
Ion Ratio Lower Upper
94 100
96 99.9 77.0 115.6

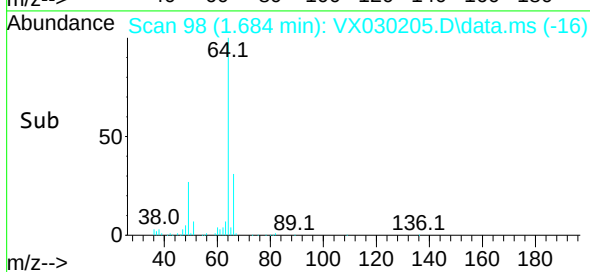
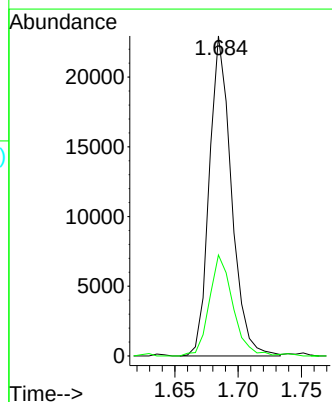
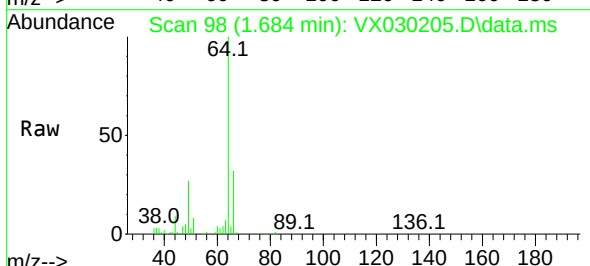
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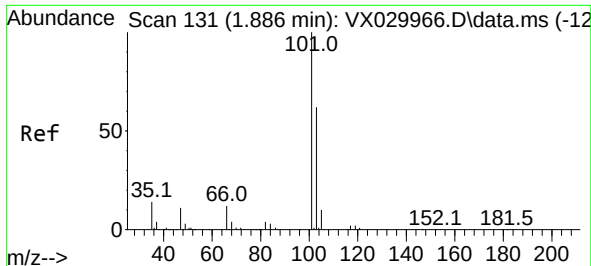
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#6
Chloroethane
Concen: 18.899 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Tgt Ion: 64 Resp: 27928
Ion Ratio Lower Upper
64 100
66 31.5 26.4 39.6





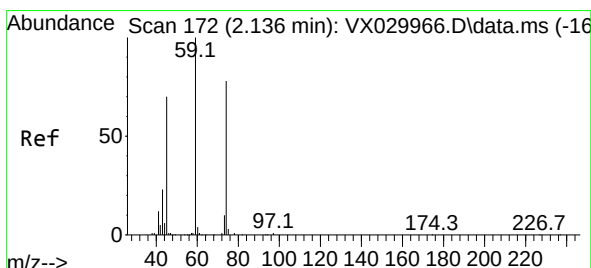
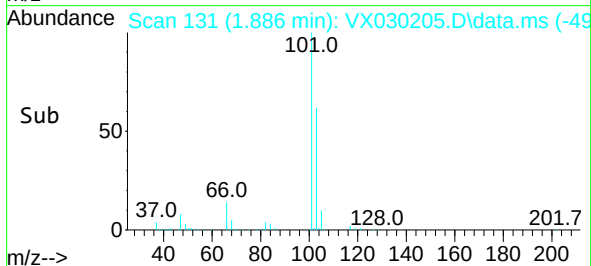
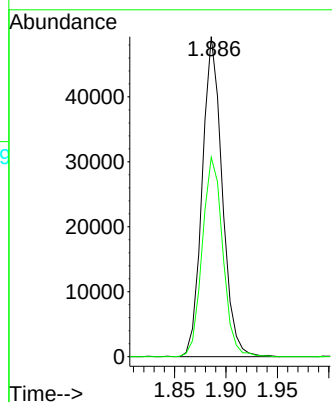
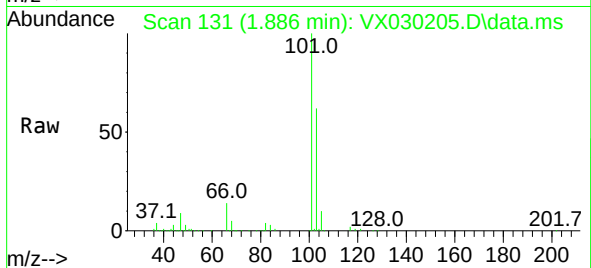
#7
 Trichlorofluoromethane
 Concen: 19.081 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX030205.D
 Acq: 26 Jul 2022 10:51

Instrument :
 MSVOA_X
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 VSTDCCC020

Tgt Ion:101 Resp: 66745
 Ion Ratio Lower Upper
 101 100
 103 62.3 49.6 74.4

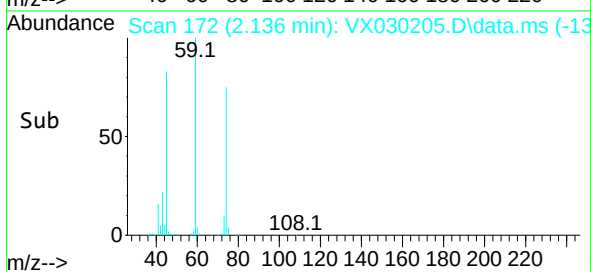
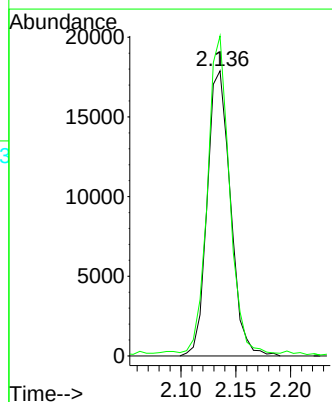
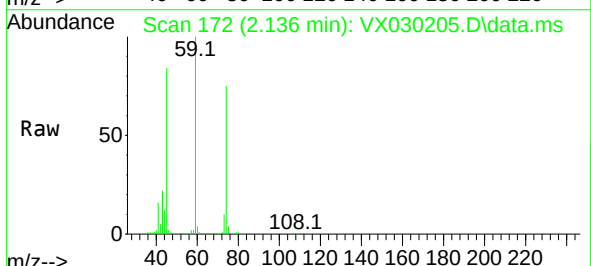
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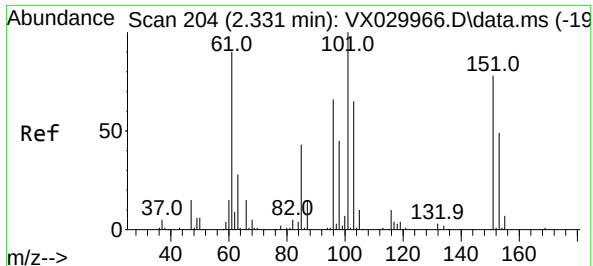
Reviewed By :John Carlone 07/27/2022
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#8
 Diethyl Ether
 Concen: 17.755 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX030205.D
 Acq: 26 Jul 2022 10:51

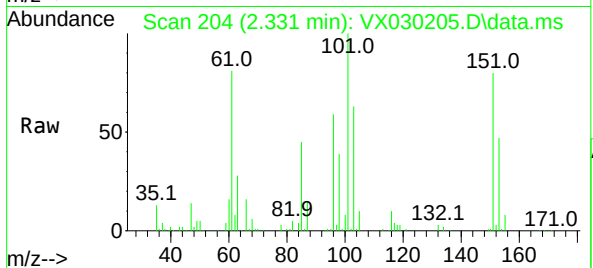
Tgt Ion: 74 Resp: 26416
 Ion Ratio Lower Upper
 74 100
 45 106.3 18.7 168.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.620 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

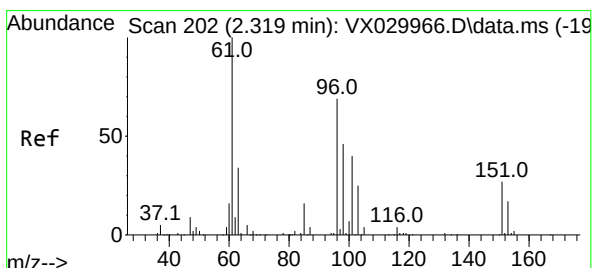
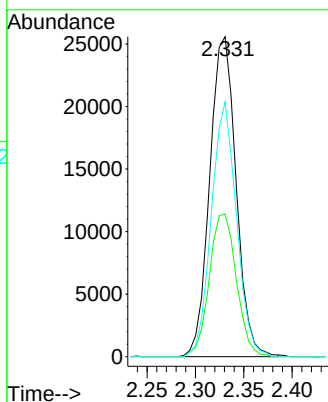
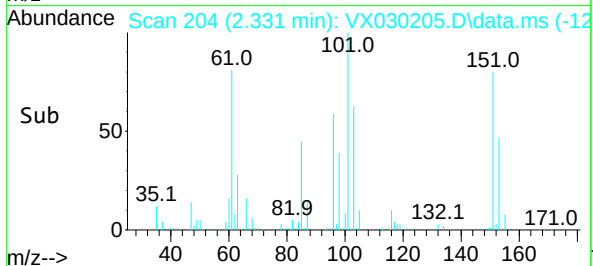
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



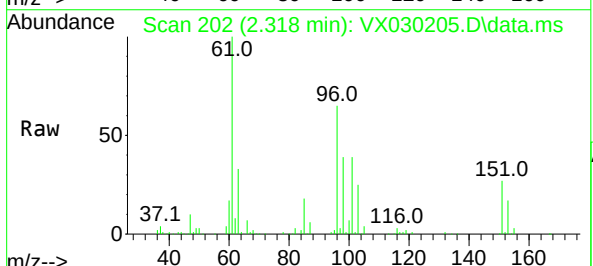
Tgt Ion:101 Resp: 48560
Ion Ratio Lower Upper
101 100
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151 75.8 0.0 165.4

Manual Integrations
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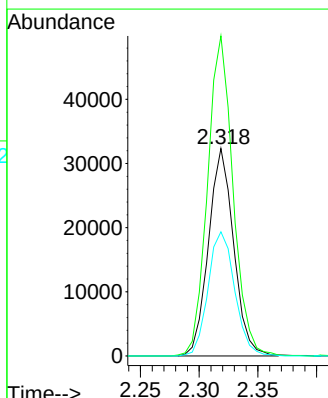
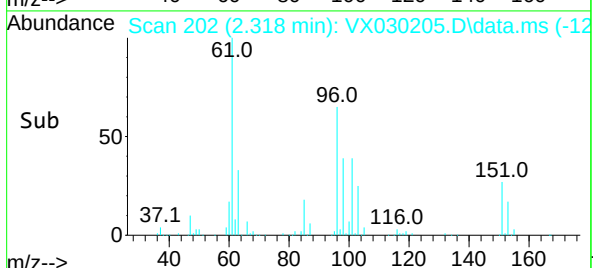
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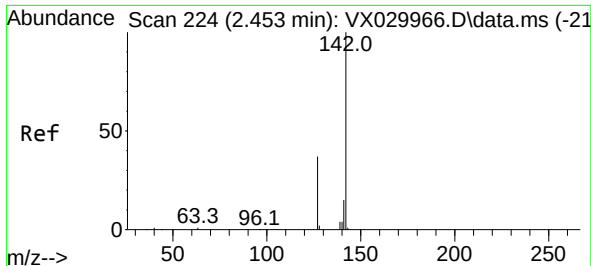


#10
1,1-Dichloroethene
Concen: 20.076 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



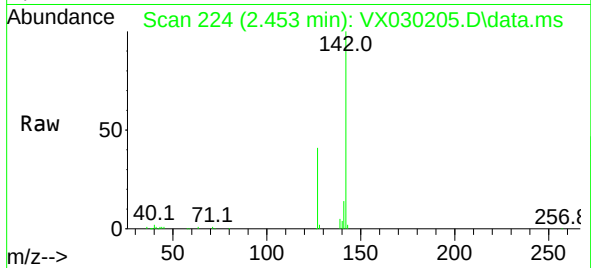
Tgt Ion: 96 Resp: 48281
Ion Ratio Lower Upper
96 100
61 153.7 122.6 183.8
98 59.9 50.1 75.1





#11
Methyl Iodide
Concen: 24.277 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

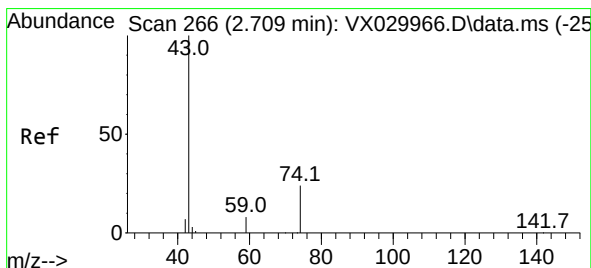
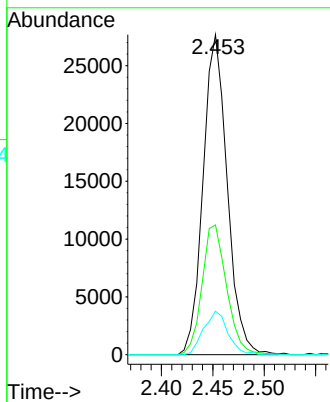
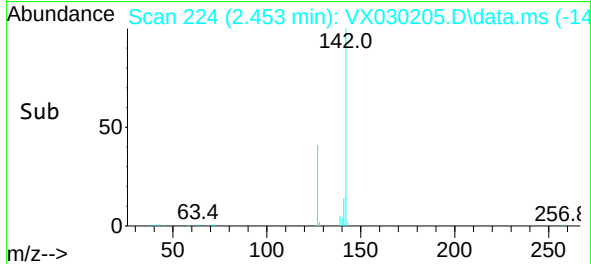
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 4530
Ion Ratio Lower Upper
142 100
127 40.5 22.3 66.9
141 13.6 7.0 20.9

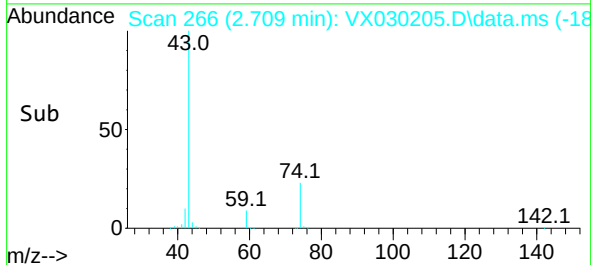
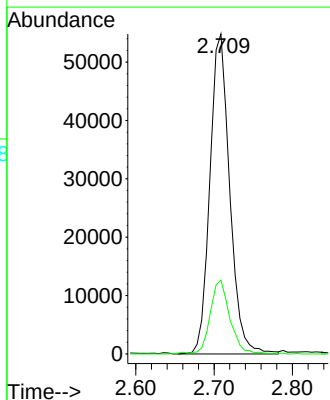
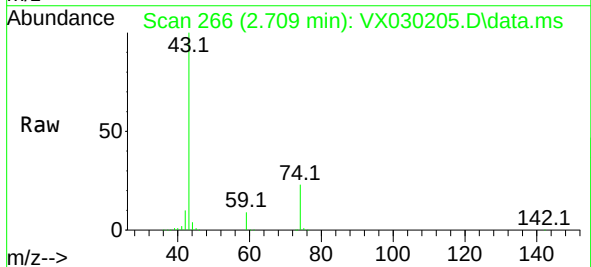
Manual Integrations
APPROVED

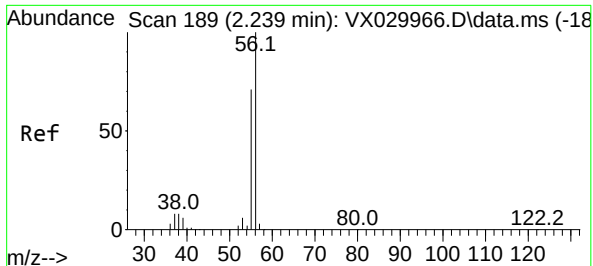
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#12
Methyl Acetate
Concen: 24.600 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

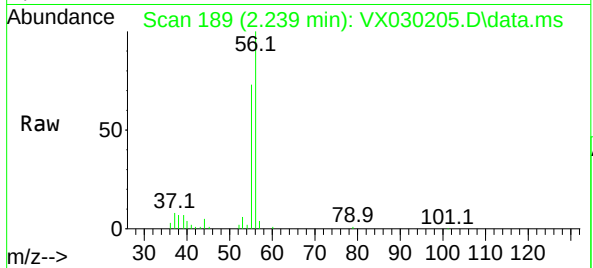
Tgt Ion: 43 Resp: 96352
Ion Ratio Lower Upper
43 100
74 22.9 22.1 33.1





#13
Acrolein
Concen: 39.044 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

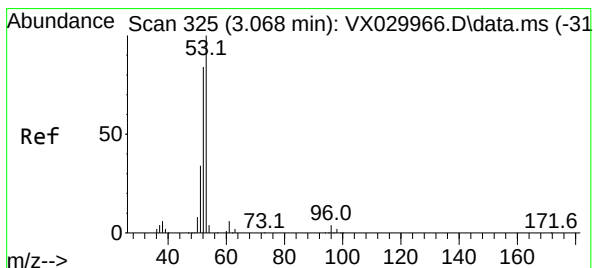
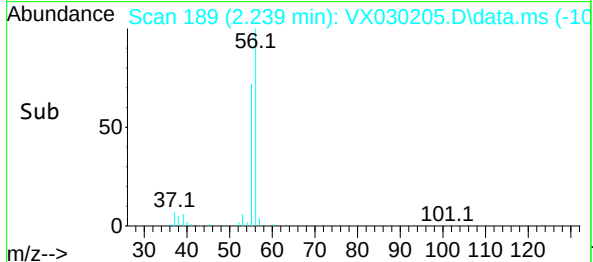
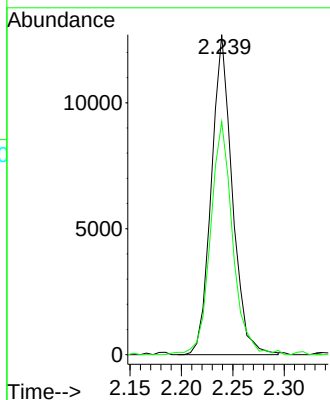
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 1796
Ion Ratio Lower Upper
56 100
55 76.1 56.4 84.6

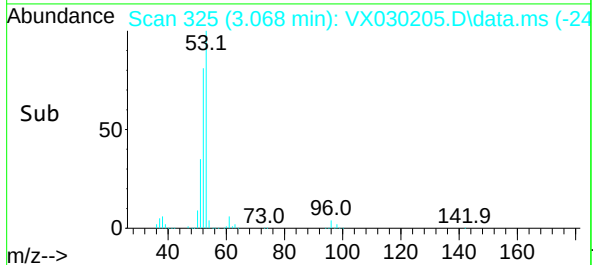
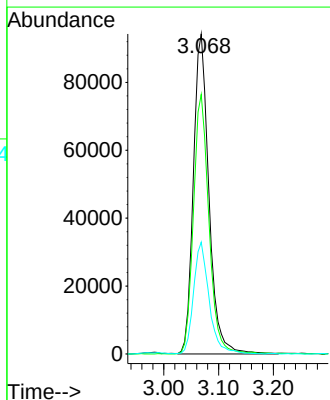
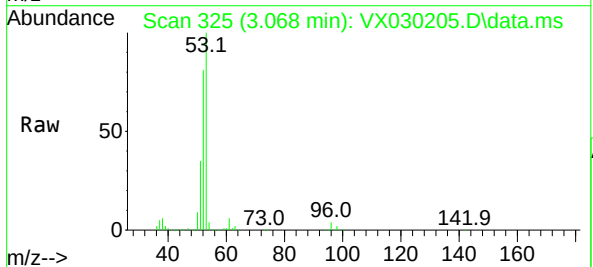
Manual Integrations
APPROVED

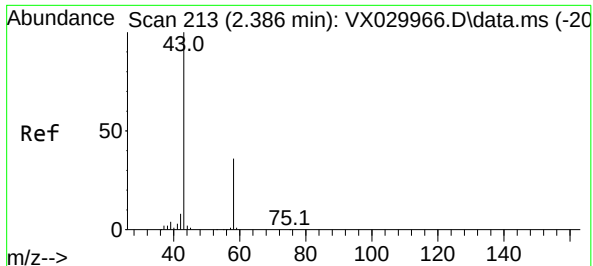
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#14
Acrylonitrile
Concen: 110.621 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

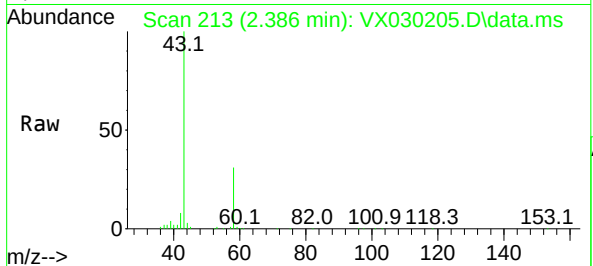
Tgt Ion: 53 Resp: 186474
Ion Ratio Lower Upper
53 100
52 80.5 41.5 124.5
51 35.1 18.1 54.4





#15
Acetone
Concen: 104.133 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

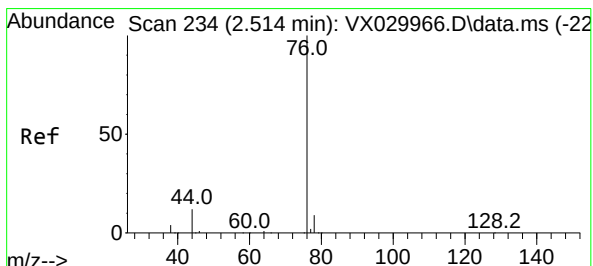
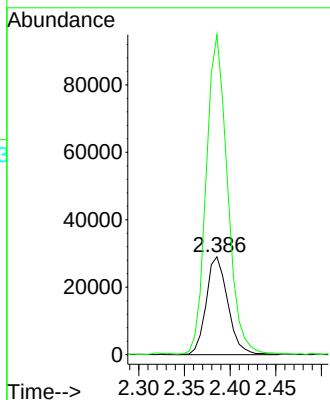
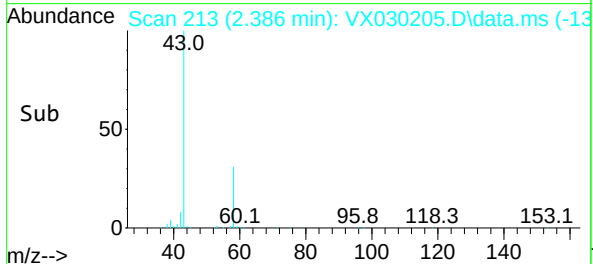
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



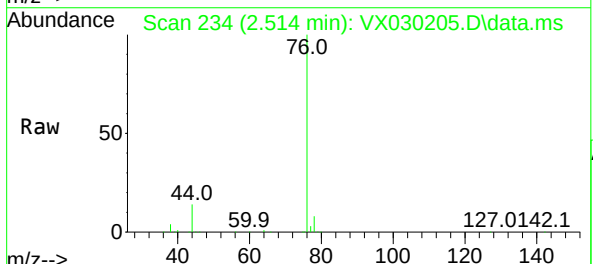
Tgt Ion: 58 Resp: 4768
Ion Ratio Lower Upper
58 100
43 326.1 250.2 375.2

Manual Integrations
APPROVED

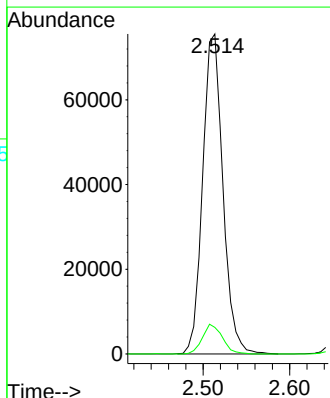
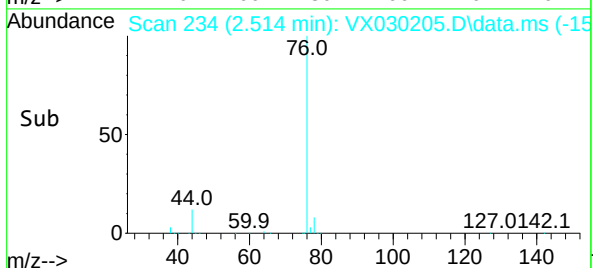
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

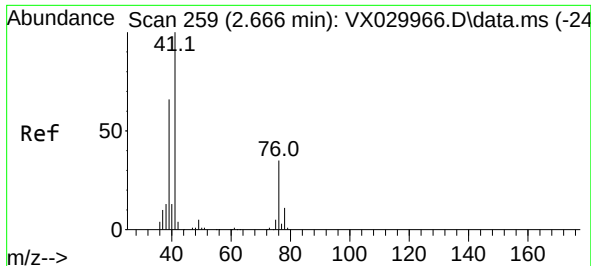


#16
Carbon Disulfide
Concen: 19.527 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



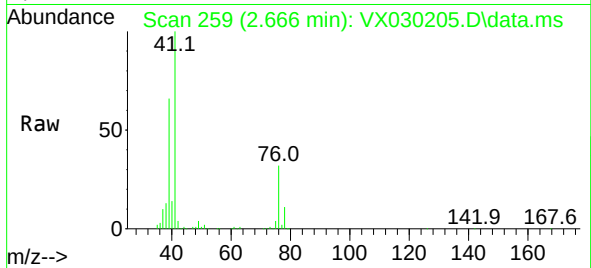
Tgt Ion: 76 Resp: 122594
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7





#17
 Allyl chloride
 Concen: 22.888 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX030205.D
 Acq: 26 Jul 2022 10:51

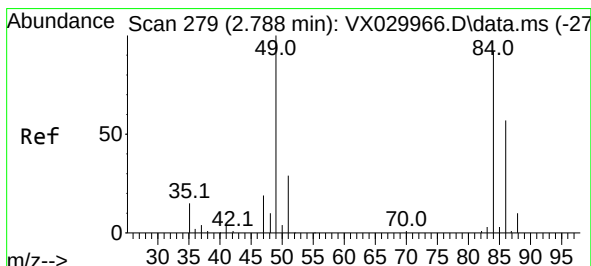
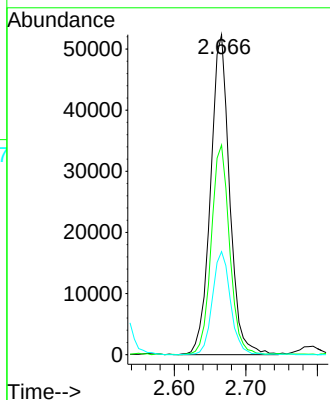
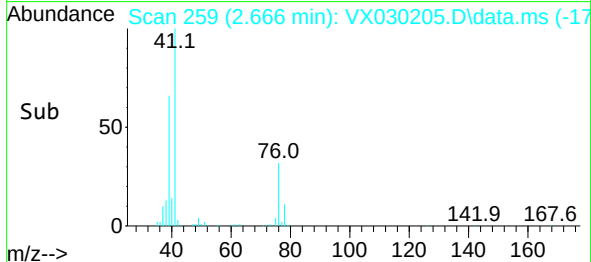
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



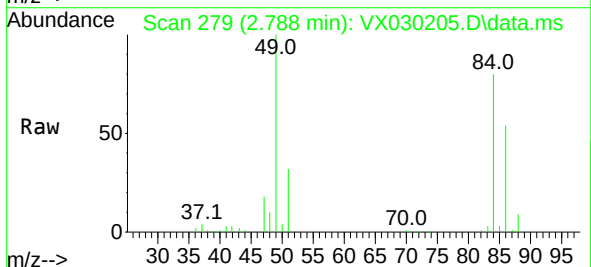
Tgt Ion: 41 Resp: 97000
 Ion Ratio Lower Upper
 41 100
 39 65.5 35.4 106.1
 76 32.2 18.4 55.4

Manual Integrations
 APPROVED

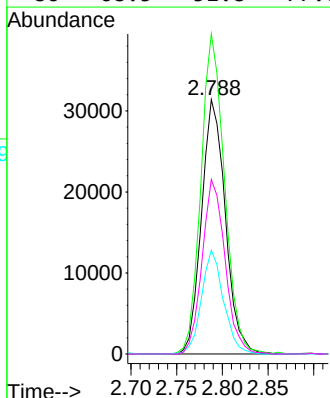
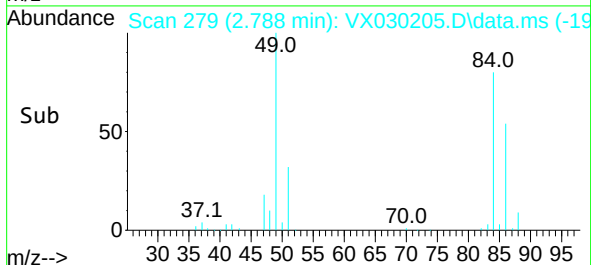
Reviewed By :John Carlone 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022

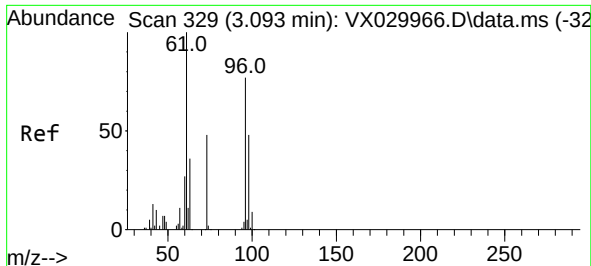


#18
 Methylene Chloride
 Concen: 20.279 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX030205.D
 Acq: 26 Jul 2022 10:51



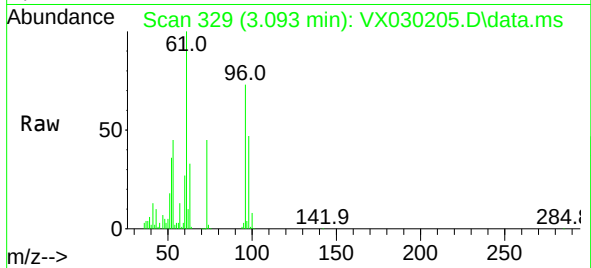
Tgt Ion: 84 Resp: 56820
 Ion Ratio Lower Upper
 84 100
 49 125.1 94.2 141.2
 51 40.7 29.2 43.8
 86 68.5 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 20.278 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

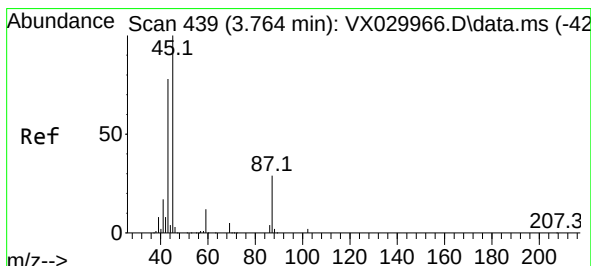
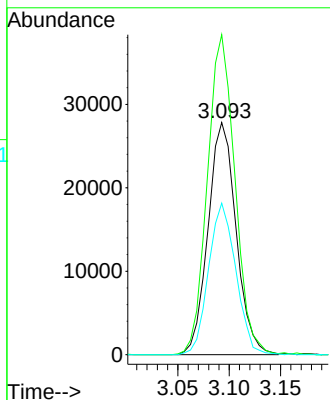
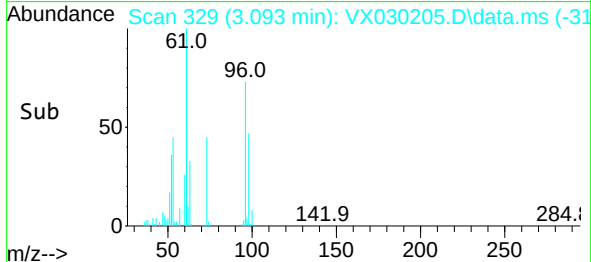
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



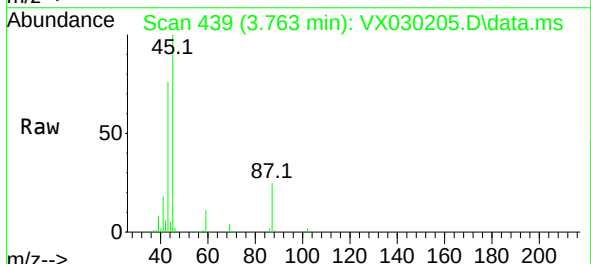
Tgt Ion: 96 Resp: 5292
Ion Ratio Lower Upper
96 100
61 137.4 108.7 163.1
98 65.3 49.2 73.8

Manual Integrations
APPROVED

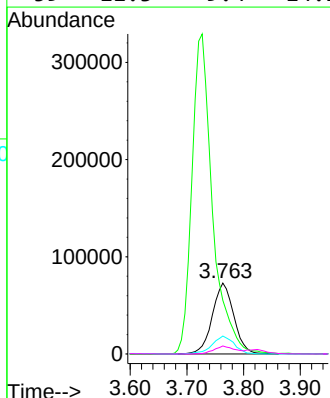
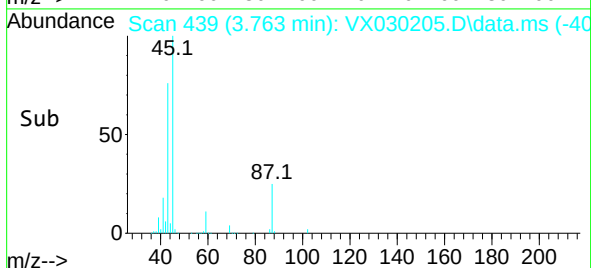
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

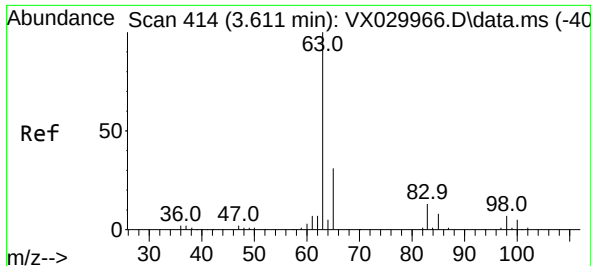


#20
Diisopropyl ether
Concen: 22.609 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



Tgt Ion: 45 Resp: 191959
Ion Ratio Lower Upper
45 100
43 75.0 70.3 105.5
87 25.3 24.5 36.7
59 11.3 9.4 14.2





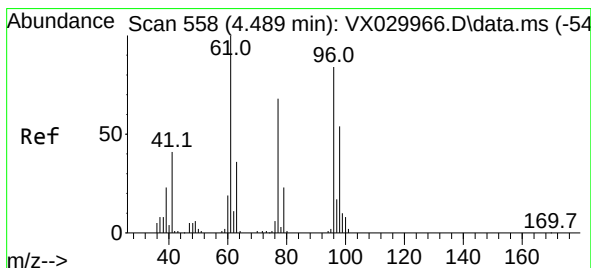
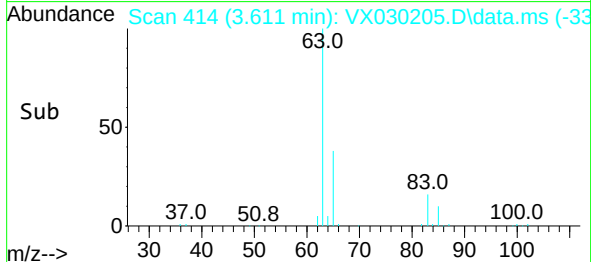
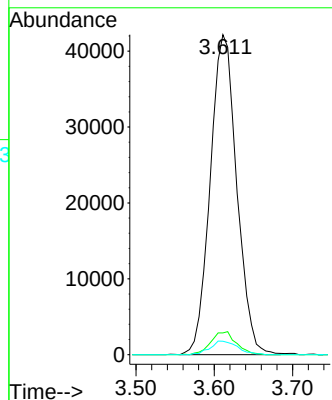
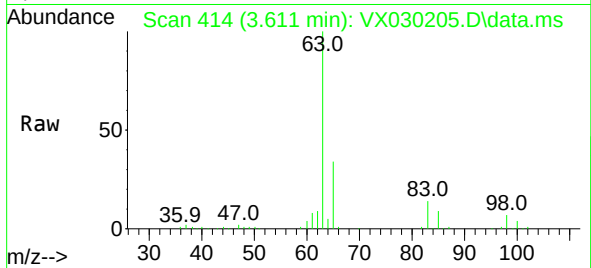
#21
1,1-Dichloroethane
Concen: 21.763 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 99474
Ion Ratio Lower Upper
63 100
98 6.8 3.8 11.2
100 4.2 2.5 7.5

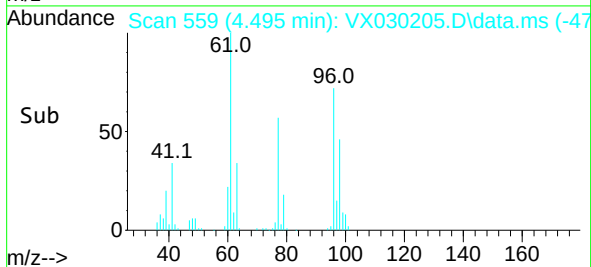
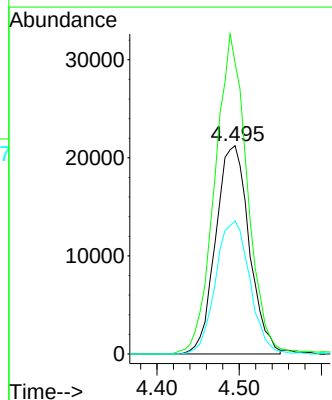
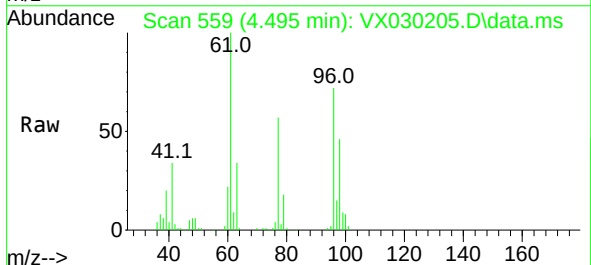
Manual Integrations
APPROVED

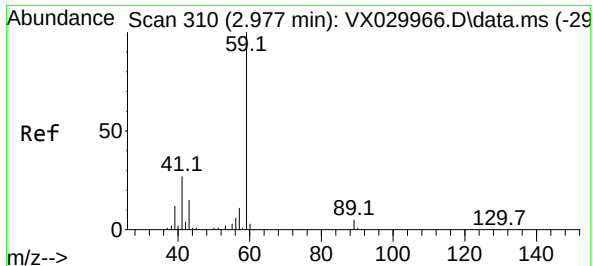
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#22
cis-1,2-Dichloroethene
Concen: 19.405 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

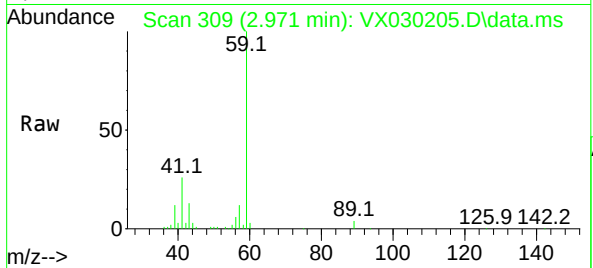
Tgt Ion: 96 Resp: 60137
Ion Ratio Lower Upper
96 100
61 148.0 107.4 161.2
98 64.9 51.1 76.7





#23
tert-Butyl Alcohol
Concen: 98.180 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

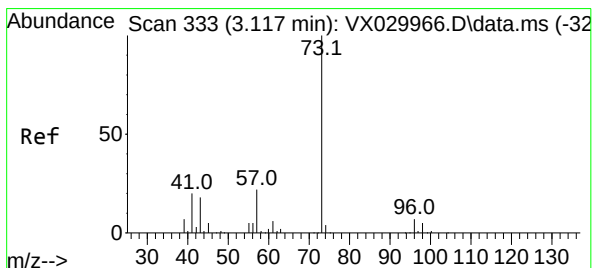
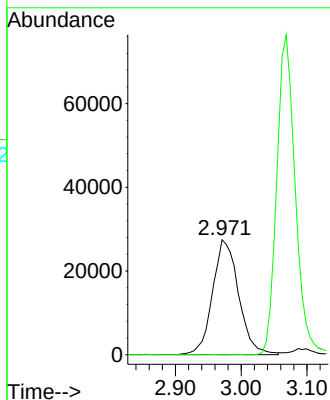
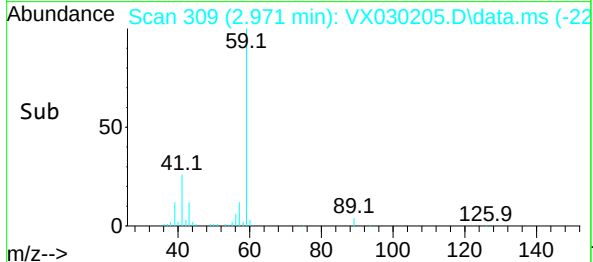
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 75819
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

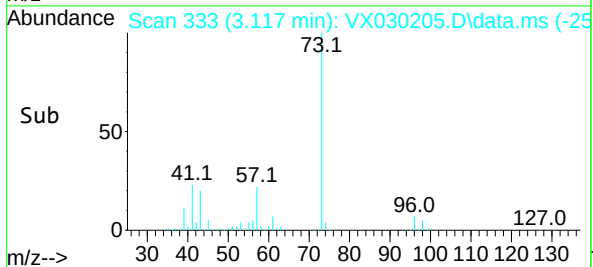
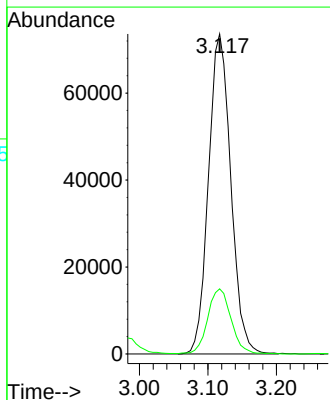
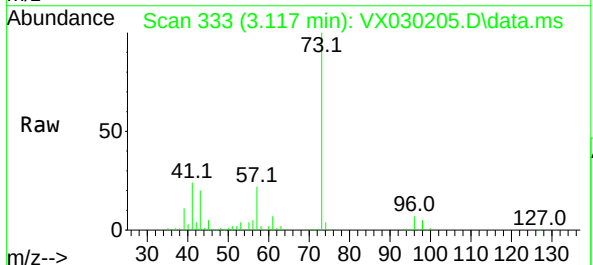
Manual Integrations
APPROVED

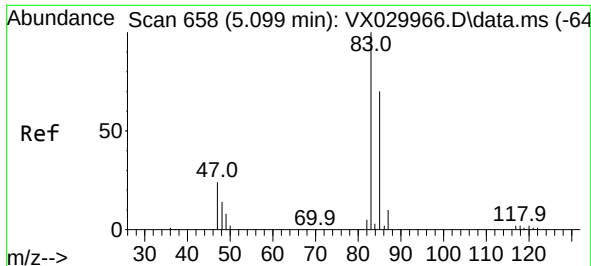
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#24
Methyl tert-Butyl Ether
Concen: 21.440 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Tgt Ion: 73 Resp: 166346
Ion Ratio Lower Upper
73 100
43 21.3 16.0 24.0





#25

Chloroform

Concen: 21.490 ug/l

RT: 5.098 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX030205.D

Acq: 26 Jul 2022 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 97894

Ion Ratio Lower Upper

83 100

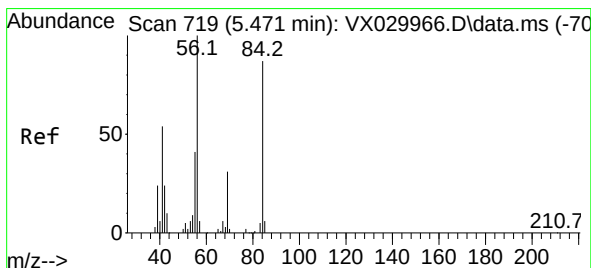
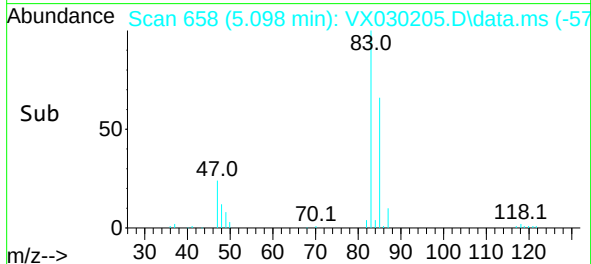
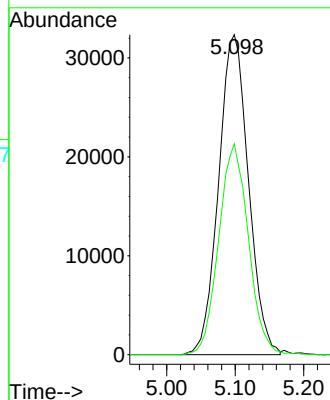
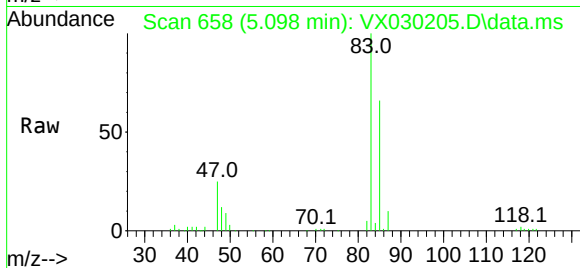
85 65.9 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#26

Cyclohexane

Concen: 21.130 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX030205.D

Acq: 26 Jul 2022 10:51

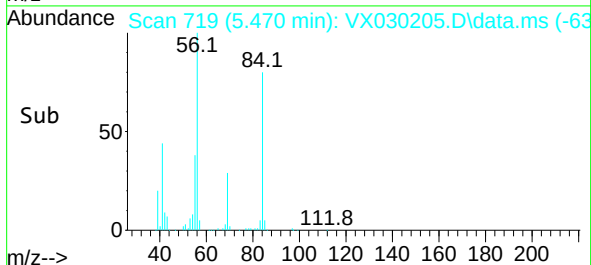
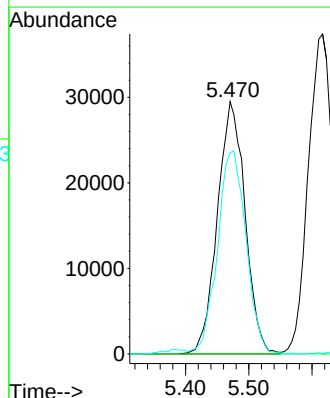
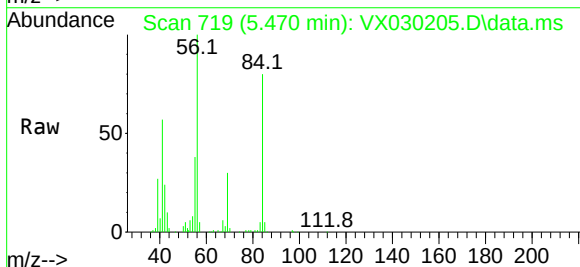
Tgt Ion: 56 Resp: 89485

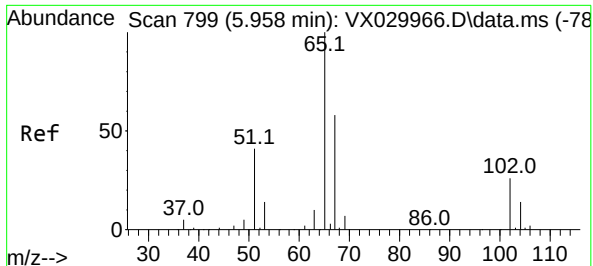
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

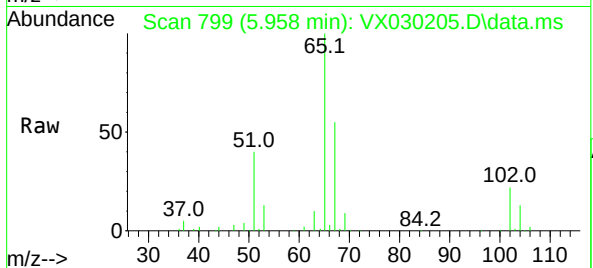
84 83.2 76.2 114.2





#27
1,2-Dichloroethane-d4
Concen: 33.187 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

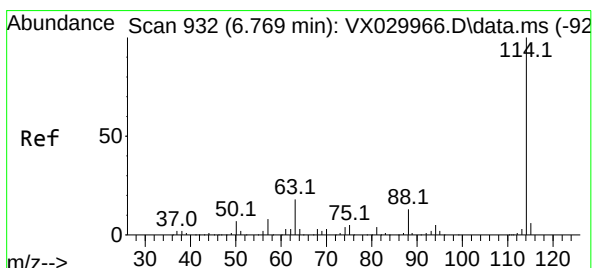
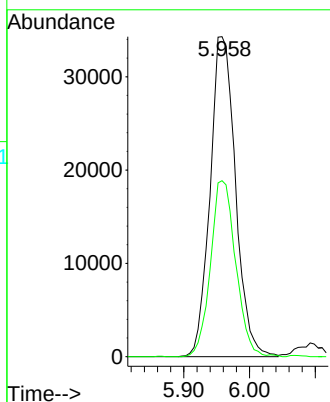
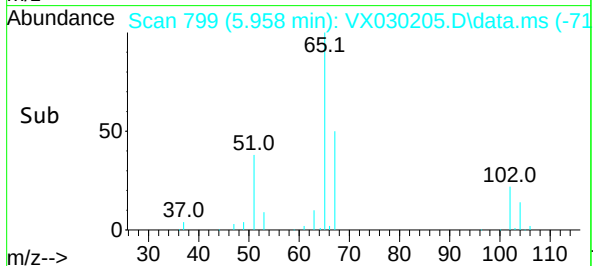
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



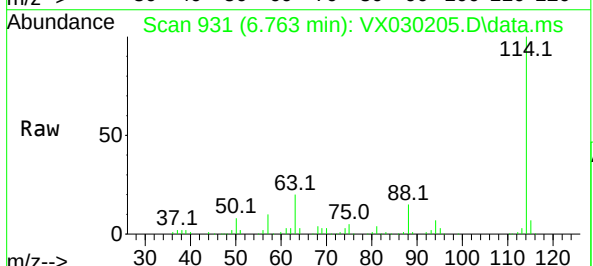
Tgt Ion: 65 Resp: 9241
Ion Ratio Lower Upper
65 100
67 54.3 42.3 63.5

Manual Integrations
APPROVED

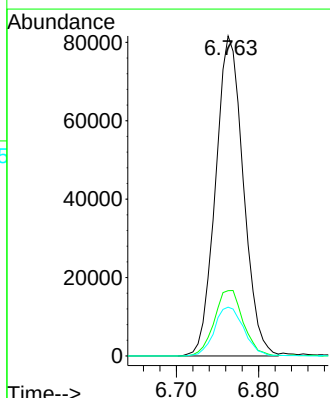
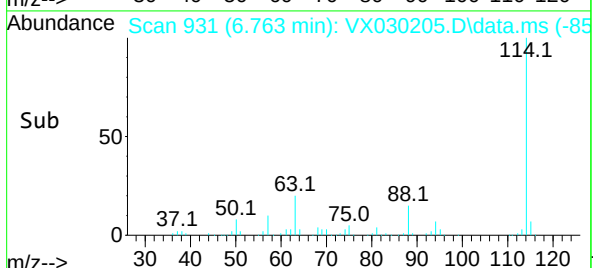
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

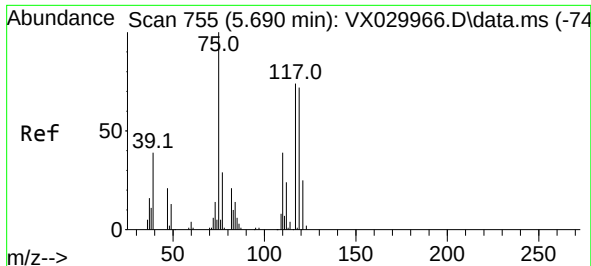


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



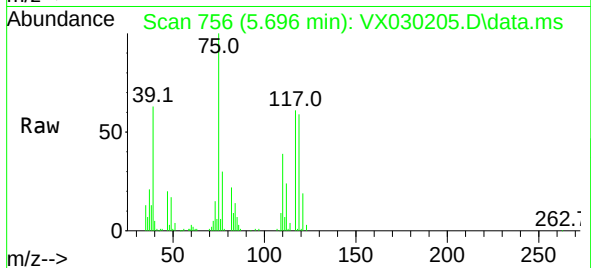
Tgt Ion:114 Resp: 191583
Ion Ratio Lower Upper
114 100
63 21.3 15.3 22.9
88 16.1 12.2 18.4





#29
1,1-Dichloropropene
Concen: 22.034 ug/l
RT: 5.696 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

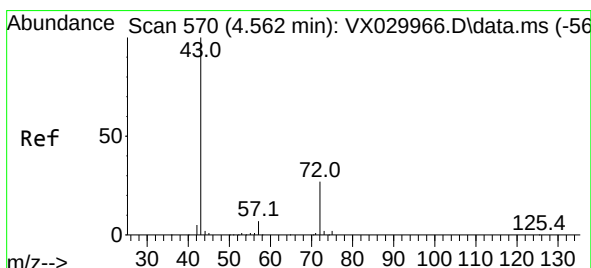
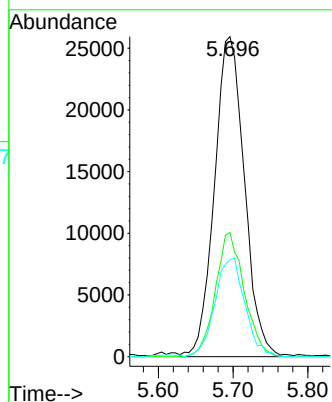
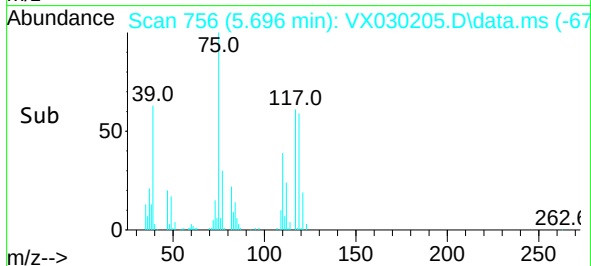
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 7221
Ion Ratio Lower Upper
75 100
110 37.3 0.0 73.6
77 30.9 0.0 62.2

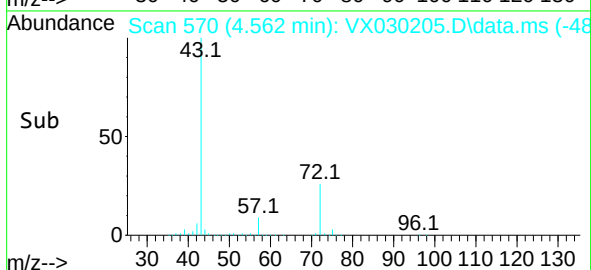
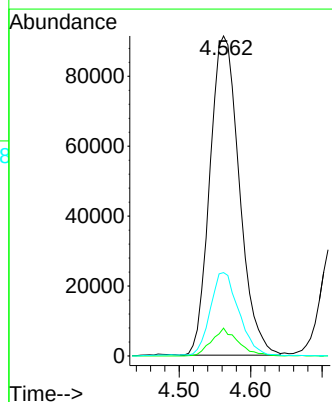
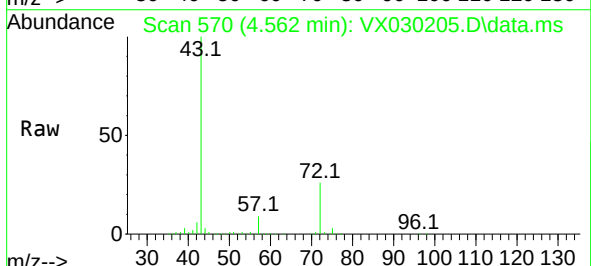
Manual Integrations
APPROVED

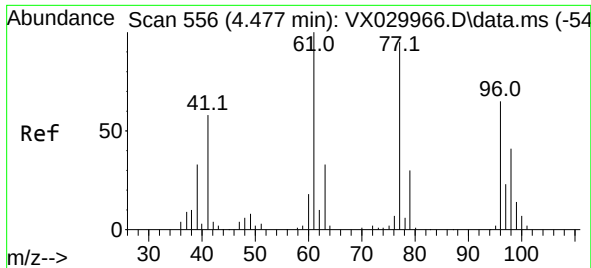
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#30
2-Butanone
Concen: 118.032 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Tgt Ion: 43 Resp: 261101
Ion Ratio Lower Upper
43 100
57 7.8 6.6 10.0
72 25.4 22.1 33.1





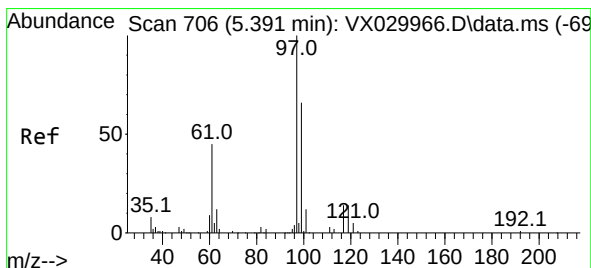
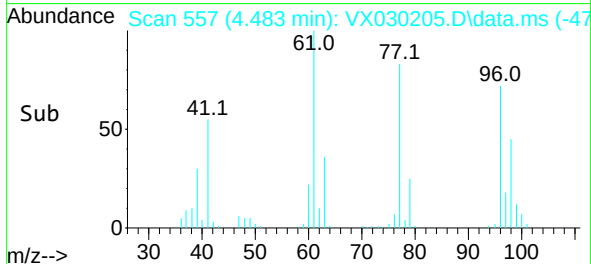
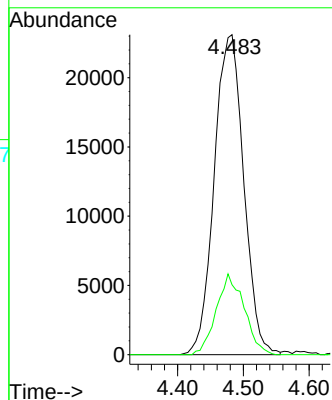
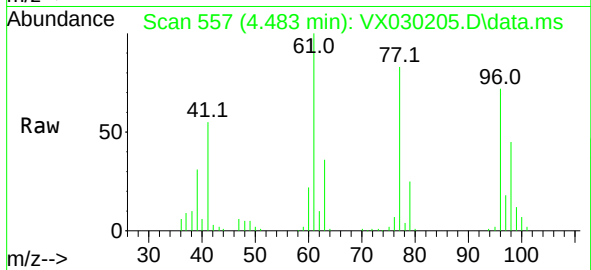
#31
2,2-Dichloropropane
Concen: 23.020 ug/l
RT: 4.483 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 7210
Ion Ratio Lower Upper
77 100
97 23.9 18.4 27.6

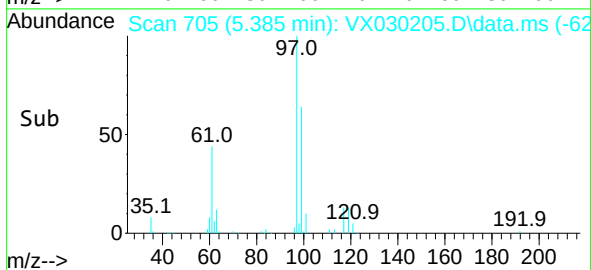
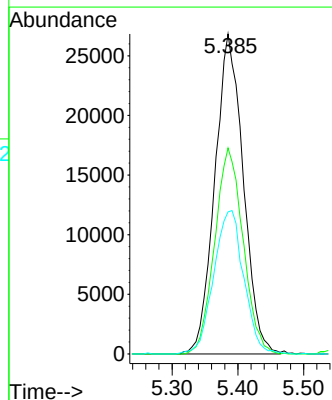
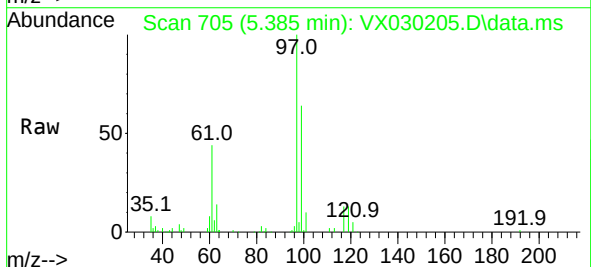
Manual Integrations
APPROVED

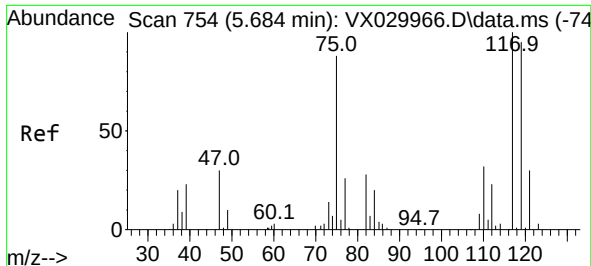
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#32
1,1,1-Trichloroethane
Concen: 22.868 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

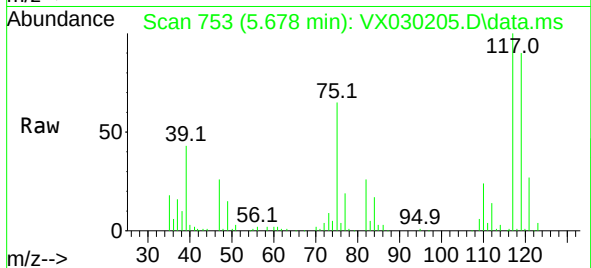
Tgt Ion: 97 Resp: 80586
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.8
61 47.4 33.4 50.0





#33
Carbon Tetrachloride
Concen: 22.973 ug/l
RT: 5.678 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

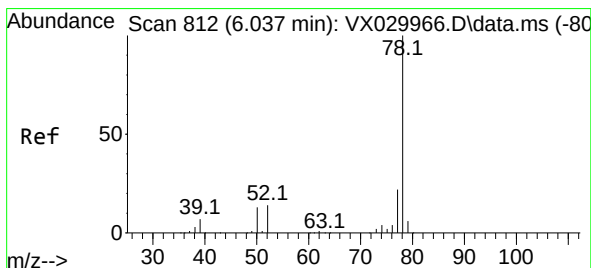
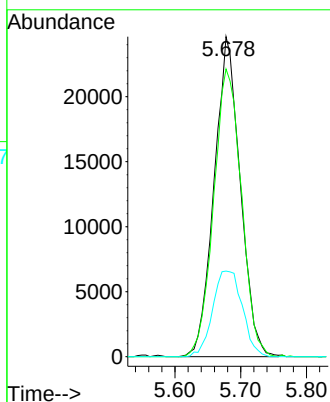
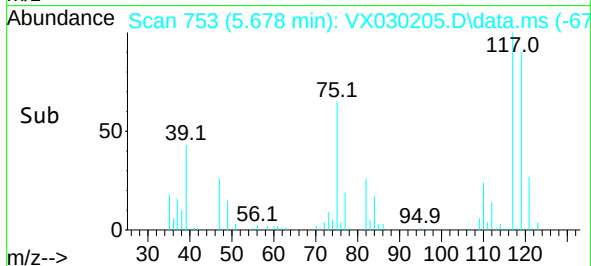
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 67995
Ion Ratio Lower Upper
117 100
119 89.9 75.3 112.9
121 26.8 24.1 36.1

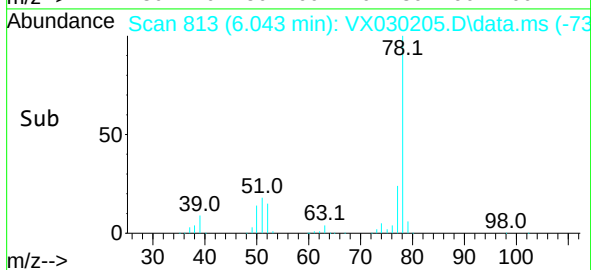
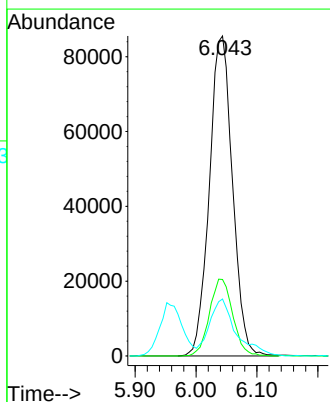
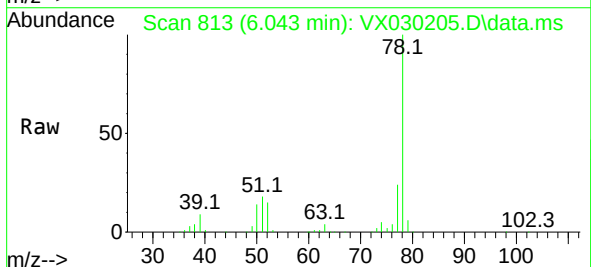
Manual Integrations
APPROVED

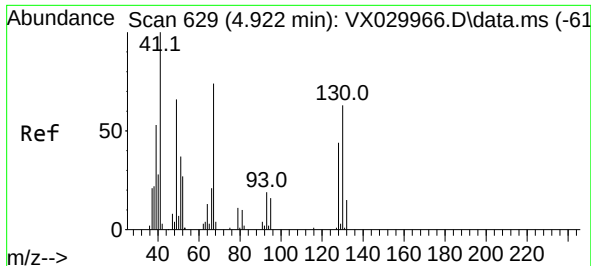
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#34
Benzene
Concen: 21.413 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

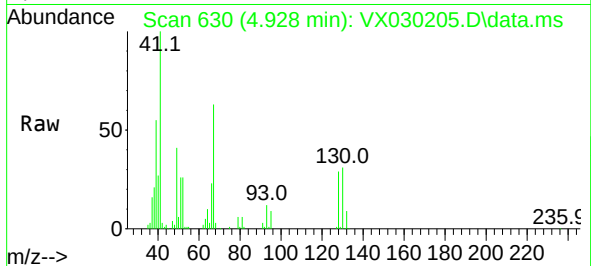
Tgt Ion: 78 Resp: 225520
Ion Ratio Lower Upper
78 100
77 23.9 18.5 27.7
51 17.4 12.9 19.3





#35
Methacrylonitrile
Concen: 24.703 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

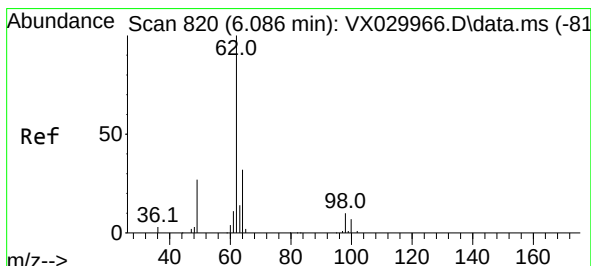
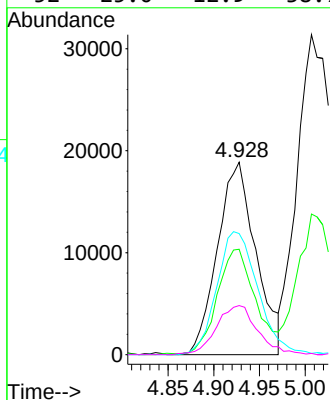
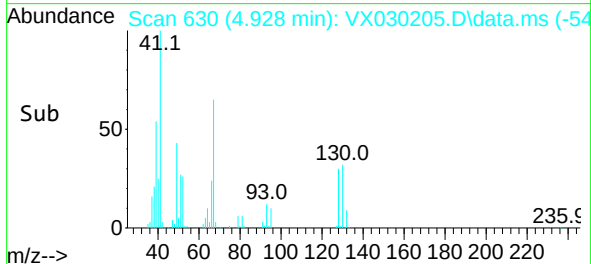
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 5531
Ion Ratio Lower Upper
41 100
39 54.3 27.0 81.0
67 62.9 33.3 99.8
52 25.0 12.9 38.7

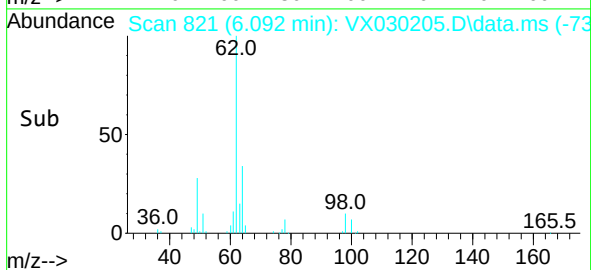
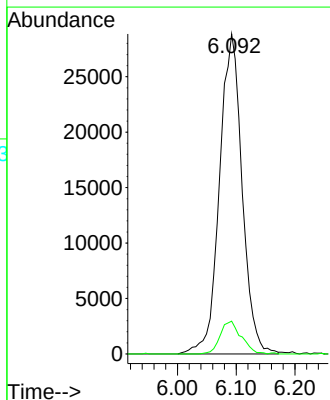
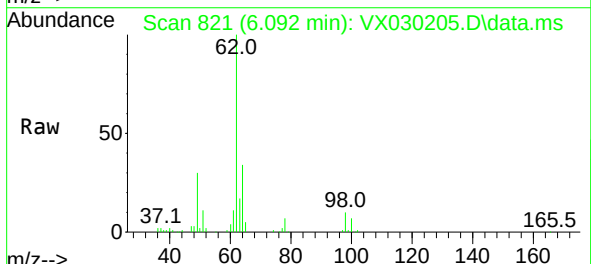
Manual Integrations
APPROVED

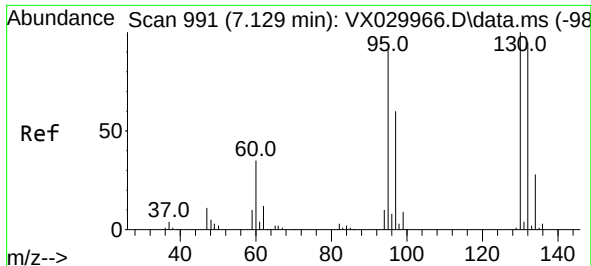
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#36
1,2-Dichloroethane
Concen: 24.100 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Tgt Ion: 62 Resp: 77266
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





#37

Trichloroethene

Concen: 20.845 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030205.D

Acq: 26 Jul 2022 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 5871

Ion Ratio Lower Upper

130 100

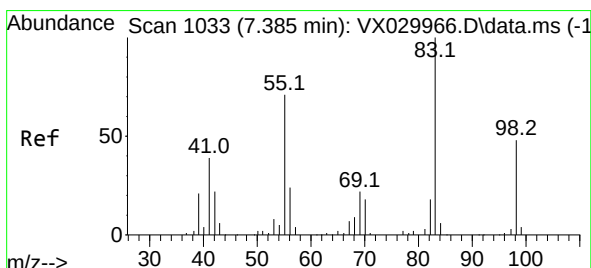
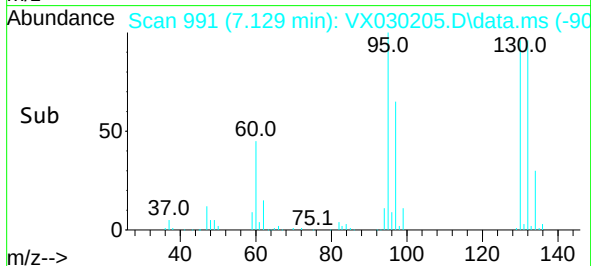
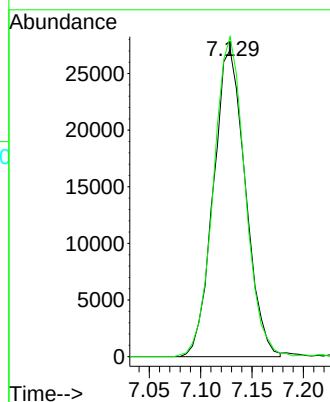
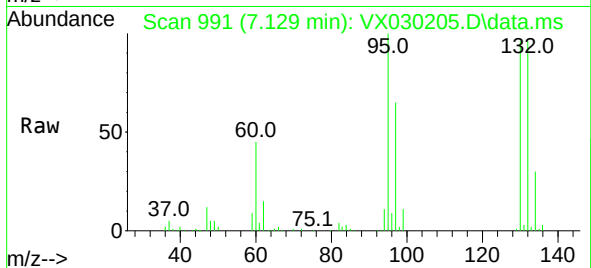
95 103.7 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#38

Methylcyclohexane

Concen: 21.378 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX030205.D

Acq: 26 Jul 2022 10:51

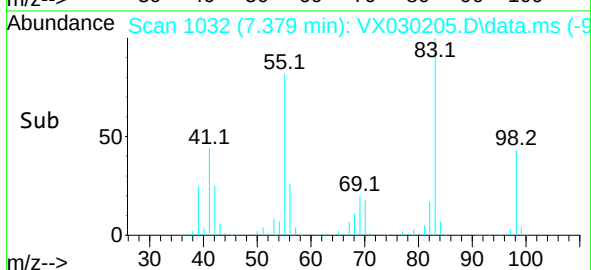
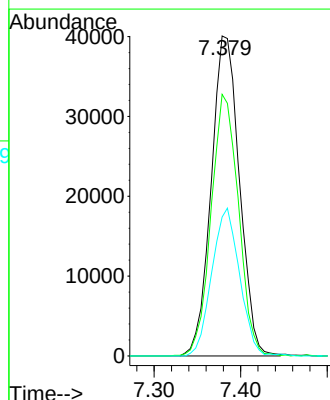
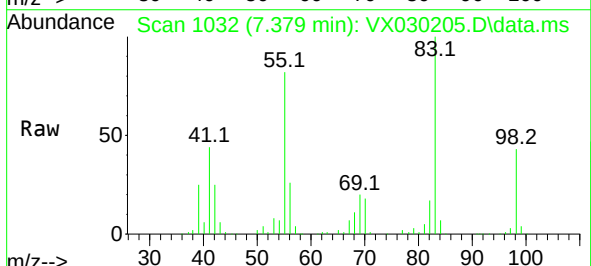
Tgt Ion: 83 Resp: 90910

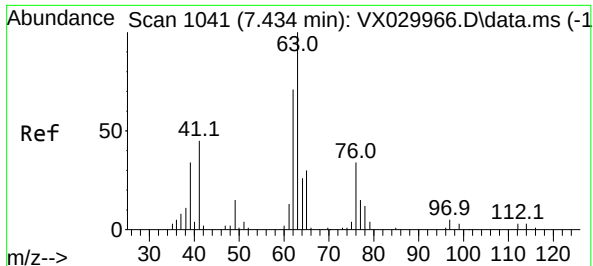
Ion Ratio Lower Upper

83 100

55 79.1 37.0 110.9

98 45.1 25.9 77.8





#39

1,2-Dichloropropane

Concen: 22.512 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030205.D

Acq: 26 Jul 2022 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 60350

Ion Ratio Lower Upper

63 100

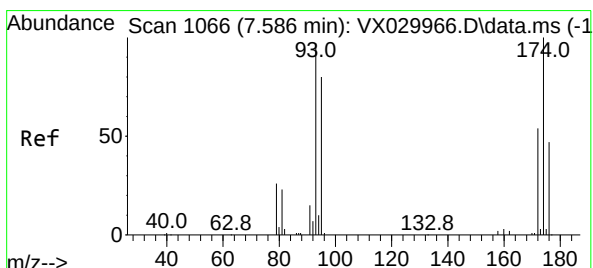
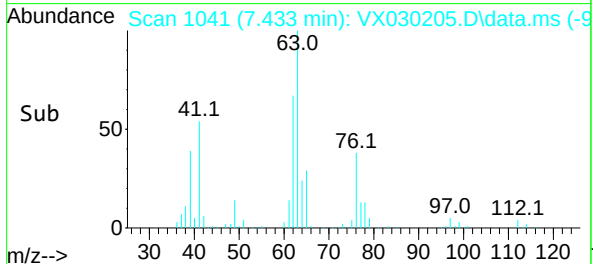
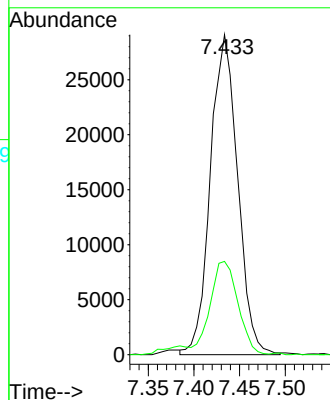
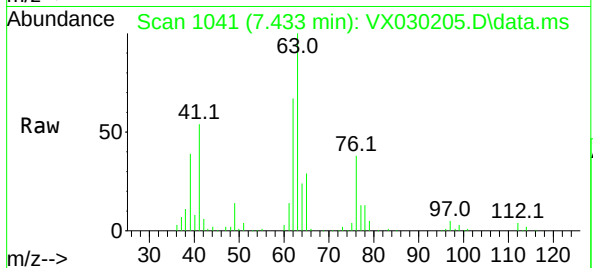
65 28.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#40

Dibromomethane

Concen: 21.430 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX030205.D

Acq: 26 Jul 2022 10:51

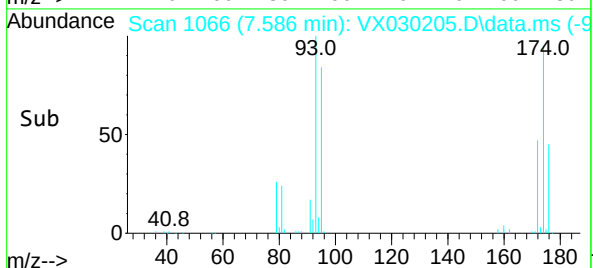
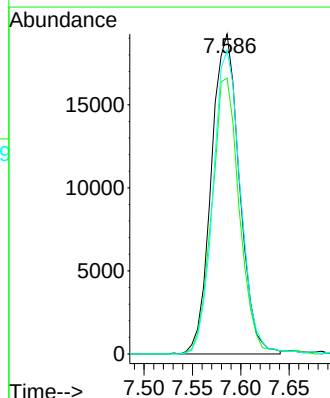
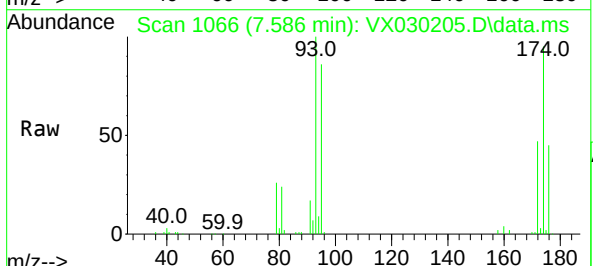
Tgt Ion: 93 Resp: 38945

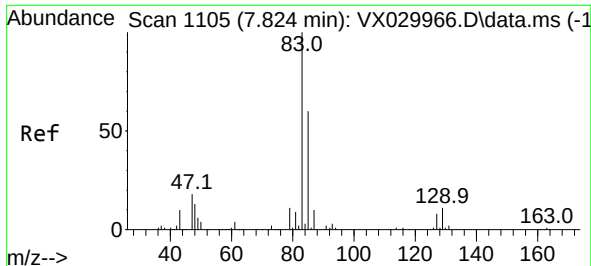
Ion Ratio Lower Upper

93 100

95 83.5 0.0 168.8

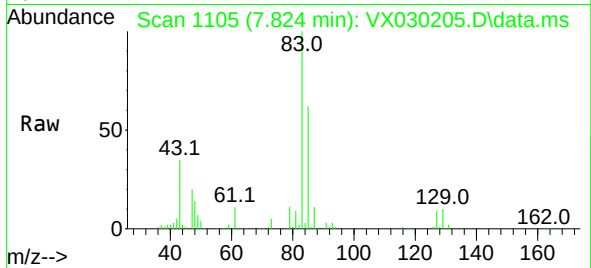
174 92.1 0.0 220.8





#41
Bromodichloromethane
Concen: 22.794 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

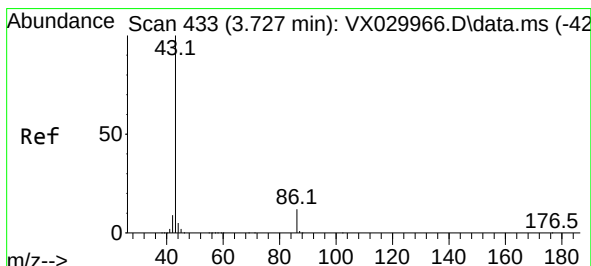
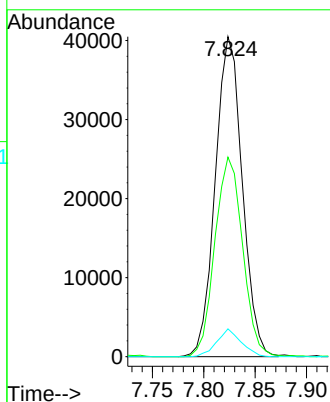
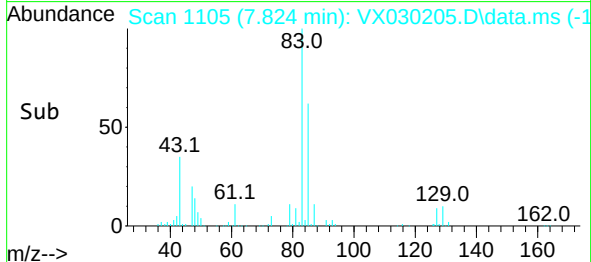
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 73994
Ion Ratio Lower Upper
83 100
85 62.3 50.6 75.8
127 8.7 7.0 10.6

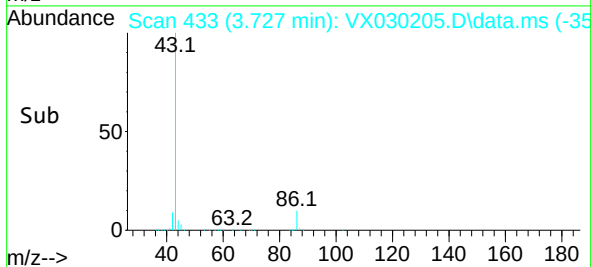
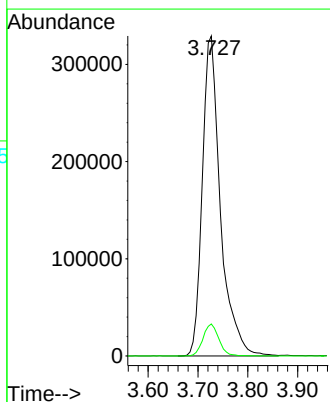
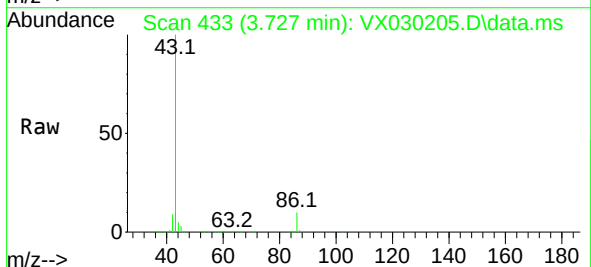
Manual Integrations
APPROVED

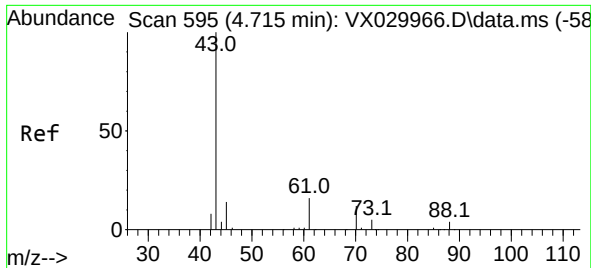
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#42
Vinyl Acetate
Concen: 117.381 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Tgt Ion: 43 Resp: 830381
Ion Ratio Lower Upper
43 100
86 8.7 8.5 12.7





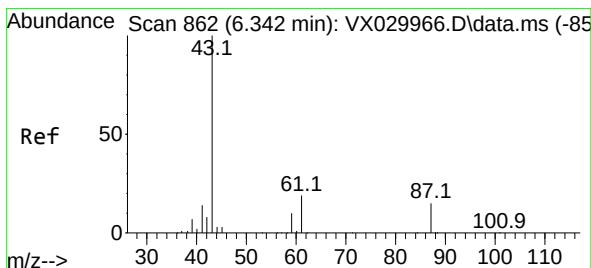
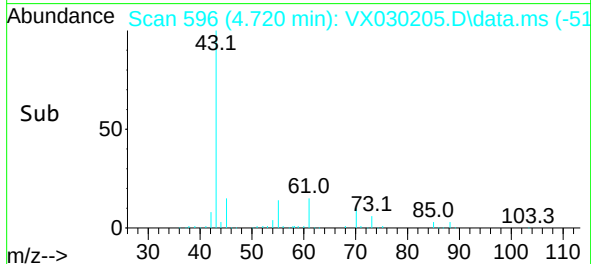
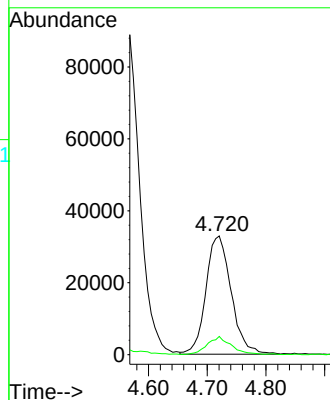
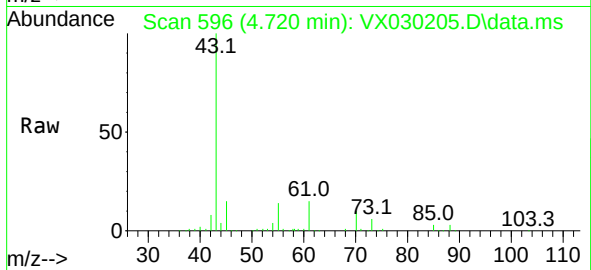
#43
Ethyl Acetate
Concen: 23.606 ug/l
RT: 4.720 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 9836
Ion Ratio Lower Upper
43 100
45 13.8 11.8 17.6

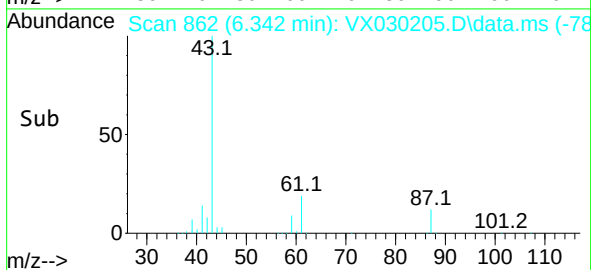
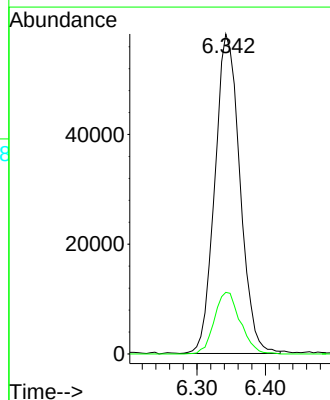
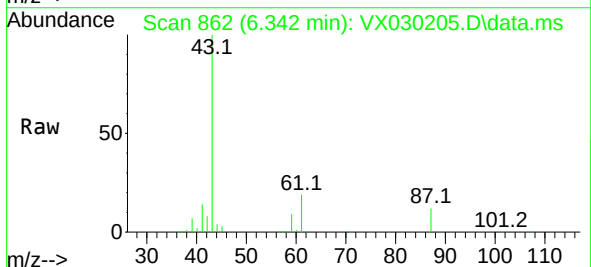
Manual Integrations
APPROVED

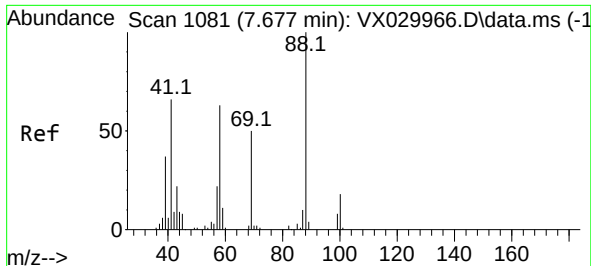
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#44
Isopropyl Acetate
Concen: 23.386 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

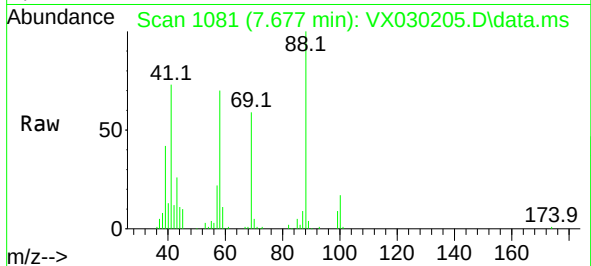
Tgt Ion: 43 Resp: 148040
Ion Ratio Lower Upper
43 100
61 20.0 17.0 25.4





#45
1,4-Dioxane
Concen: 424.540 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

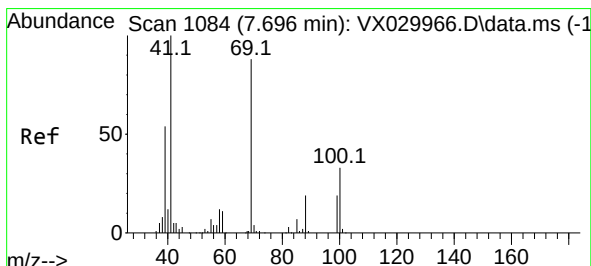
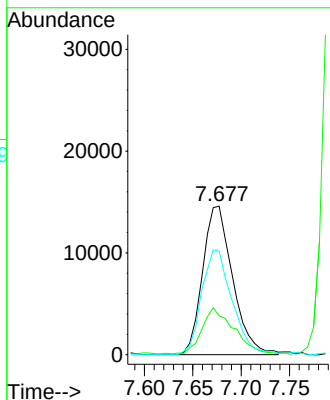
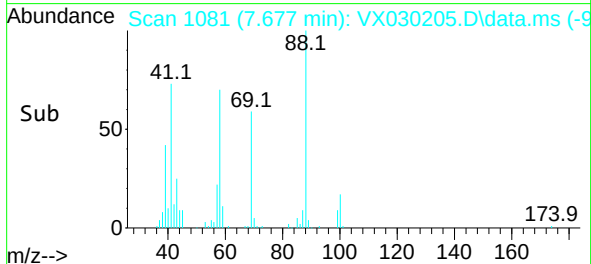
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 31548
Ion Ratio Lower Upper
88 100
43 33.0 25.8 38.6
58 71.8 54.8 82.2

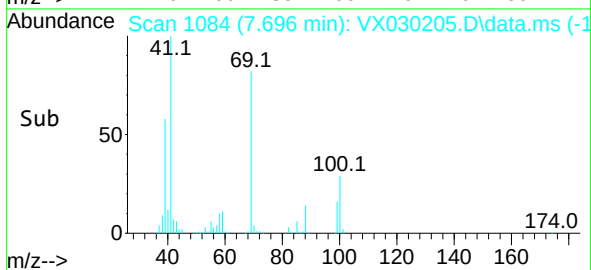
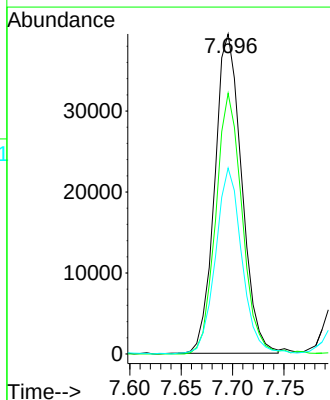
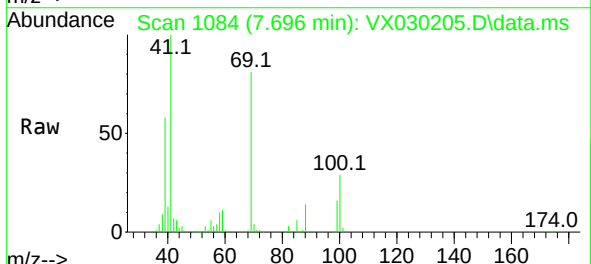
Manual Integrations
APPROVED

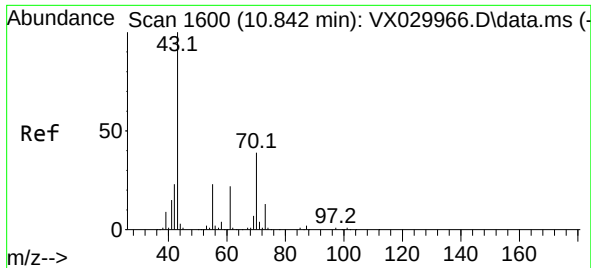
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#46
Methyl methacrylate
Concen: 23.958 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

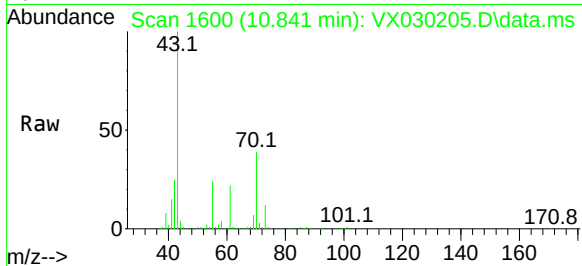
Tgt Ion: 41 Resp: 71871
Ion Ratio Lower Upper
41 100
69 81.7 41.9 125.8
39 58.0 27.5 82.5





#47
n-amy1 Acetate
Concen: 21.777 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

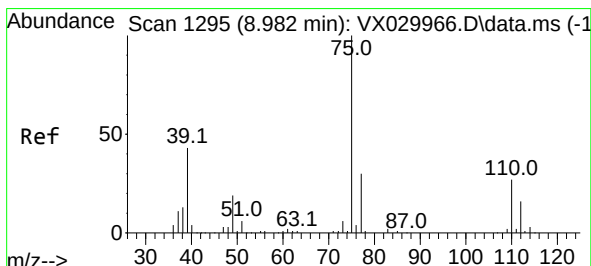
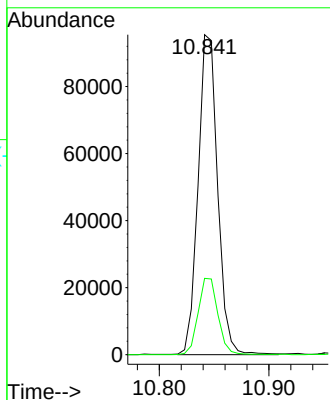
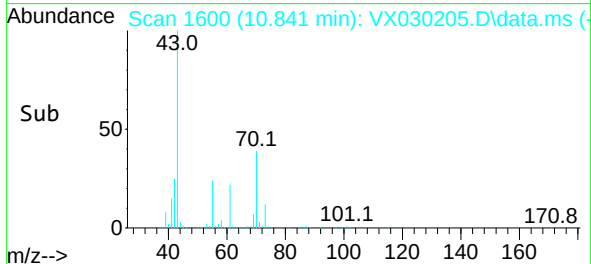
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 118424
Ion Ratio Lower Upper
43 100
55 24.0 20.4 30.6

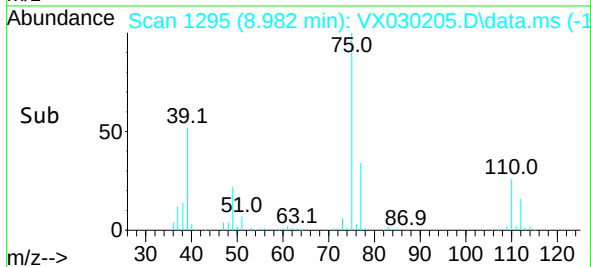
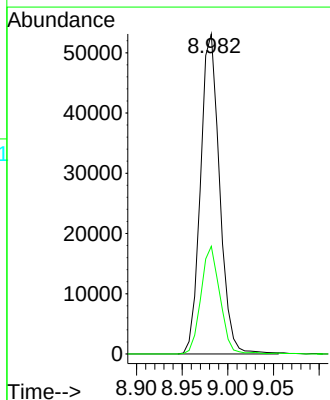
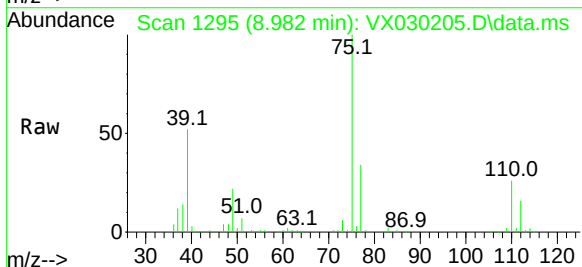
Manual Integrations
APPROVED

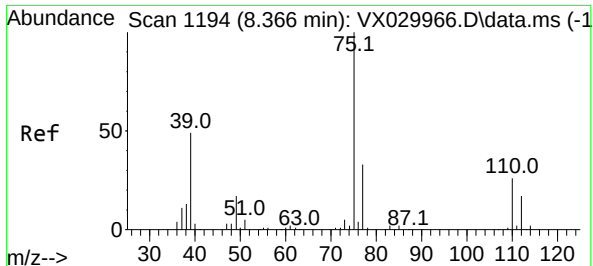
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#48
t-1,3-Dichloropropene
Concen: 21.508 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Tgt Ion: 75 Resp: 77161
Ion Ratio Lower Upper
75 100
77 33.7 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 21.700 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX030205.D

Acq: 26 Jul 2022 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 87410

Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

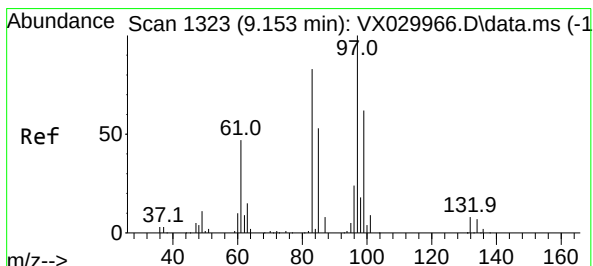
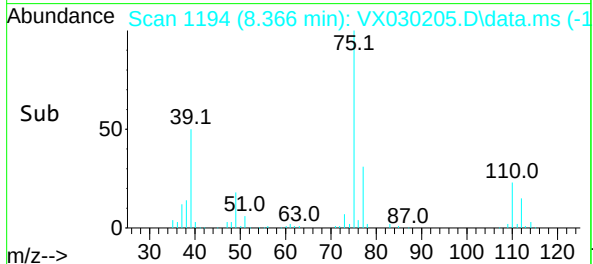
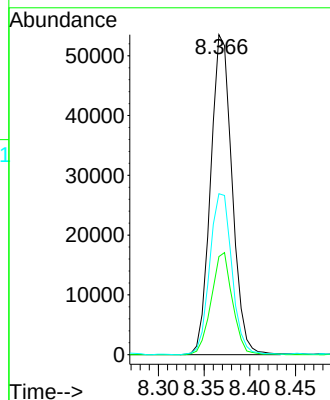
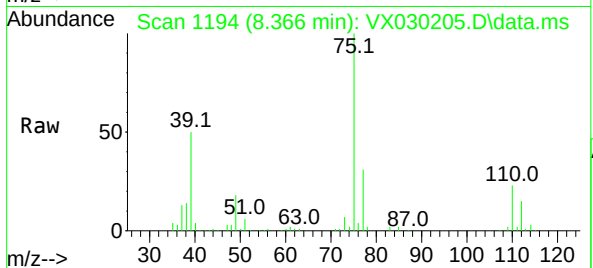
39 50.3 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#50

1,1,2-Trichloroethane

Concen: 20.664 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX030205.D

Acq: 26 Jul 2022 10:51

Tgt Ion: 97 Resp: 55633

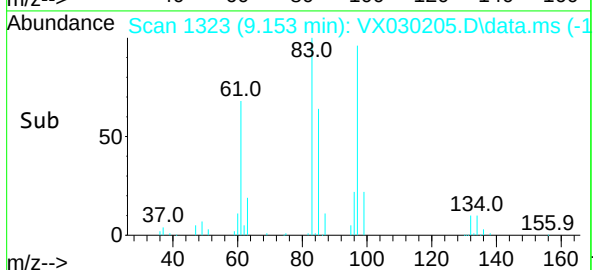
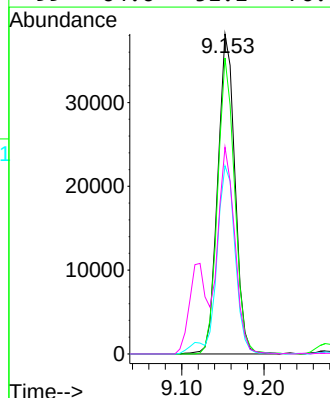
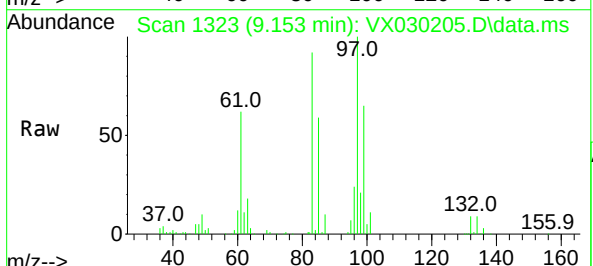
Ion Ratio Lower Upper

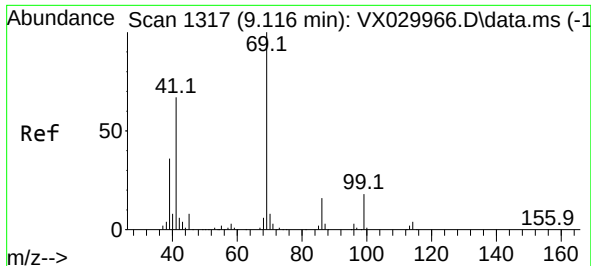
97 100

83 92.5 66.2 99.4

85 58.6 40.4 60.6

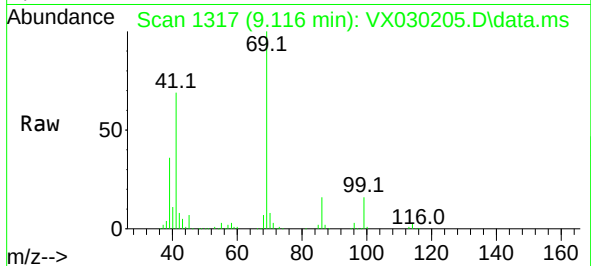
99 64.6 51.1 76.7





#51
Ethyl methacrylate
Concen: 21.888 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

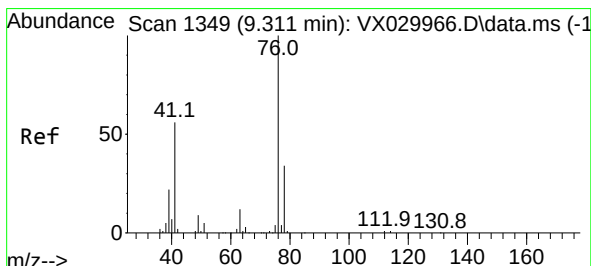
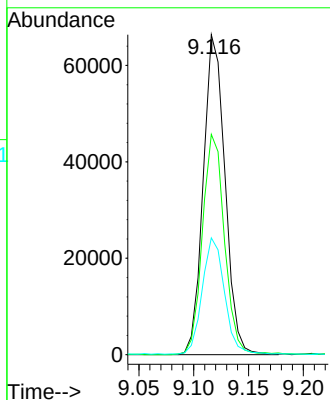
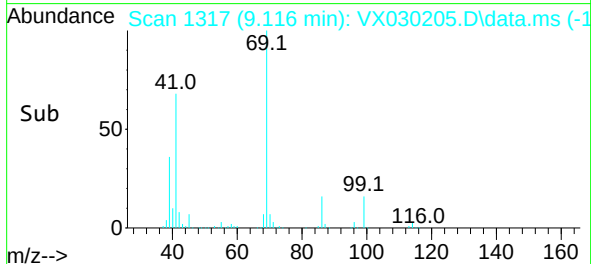
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



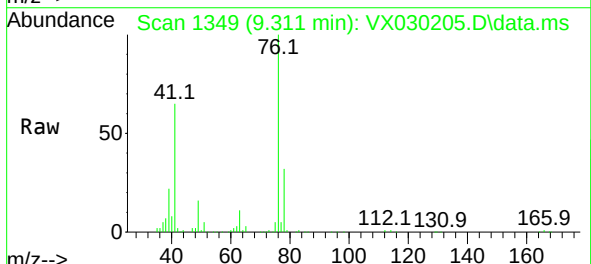
Tgt Ion: 69 Resp: 91702
Ion Ratio Lower Upper
69 100
41 68.6 32.1 96.5
39 36.3 18.3 54.9

Manual Integrations
APPROVED

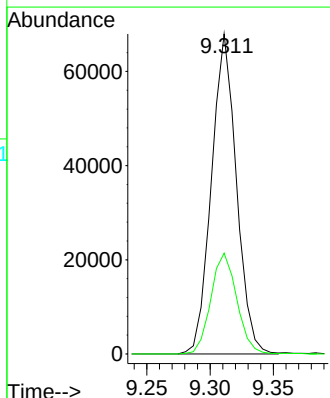
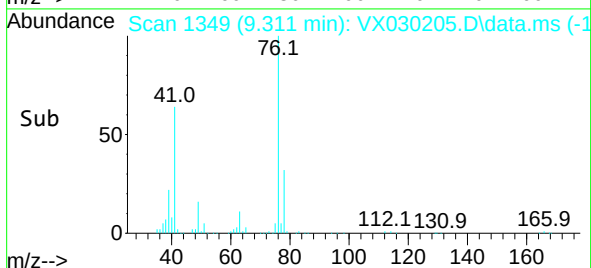
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

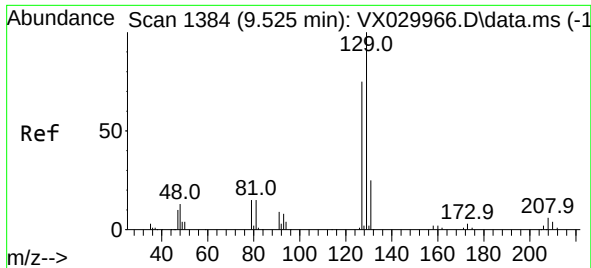


#52
1,3-Dichloropropane
Concen: 21.526 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



Tgt Ion: 76 Resp: 93225
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.4





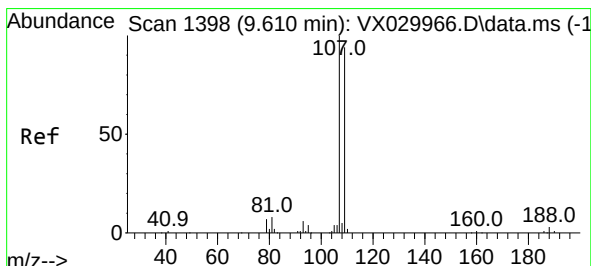
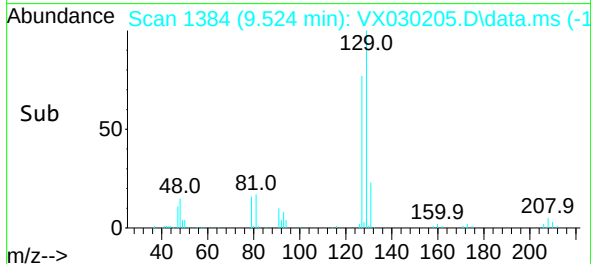
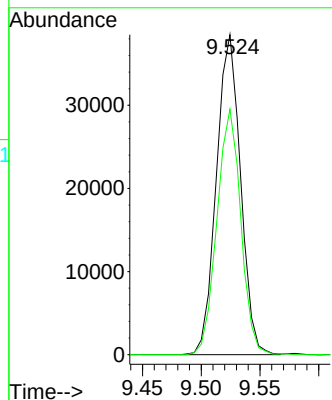
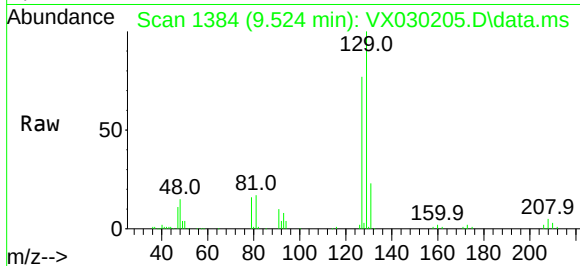
#53
Dibromochloromethane
Concen: 22.100 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 5507
Ion Ratio Lower Upper
129 100
127 75.7 38.4 115.1

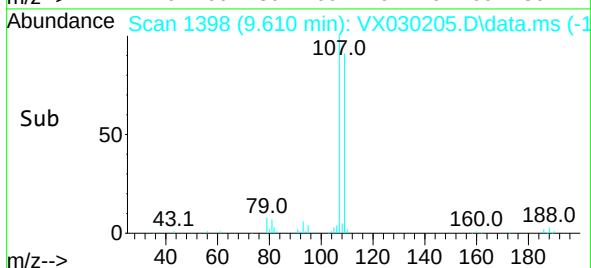
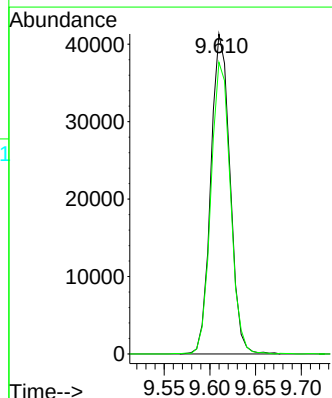
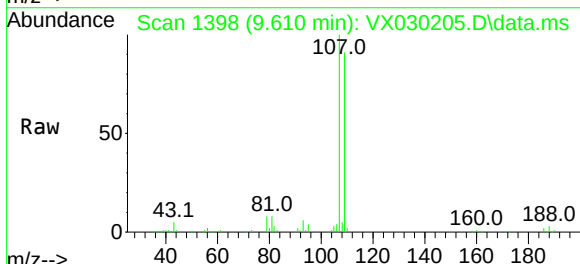
Manual Integrations
APPROVED

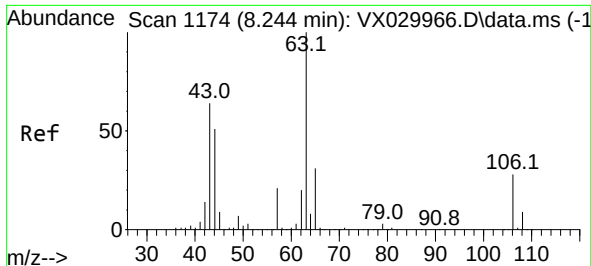
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#54
1,2-Dibromoethane
Concen: 21.499 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Tgt Ion:107 Resp: 60108
Ion Ratio Lower Upper
107 100
109 92.6 76.2 114.4





#55

2-Chloroethyl vinyl ether

Concen: 104.737 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX030205.D

Acq: 26 Jul 2022 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 22619

Ion Ratio Lower Upper

63 100

65 32.5 25.9 38.9

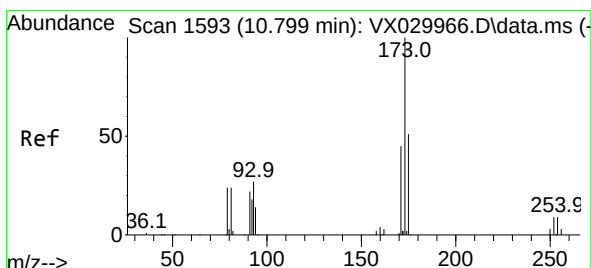
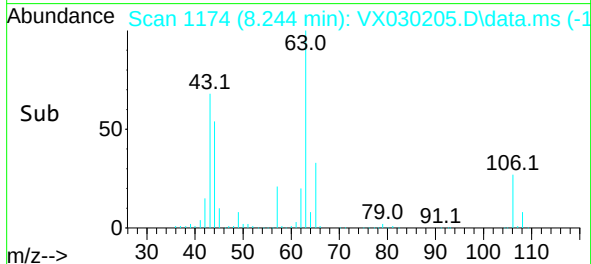
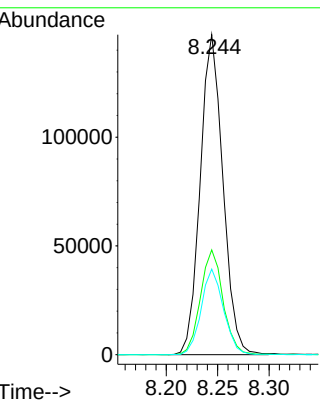
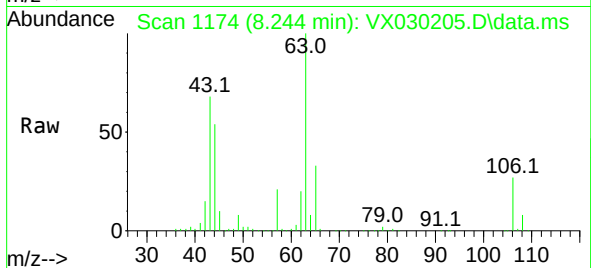
106 26.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#56

Bromoform

Concen: 20.438 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX030205.D

Acq: 26 Jul 2022 10:51

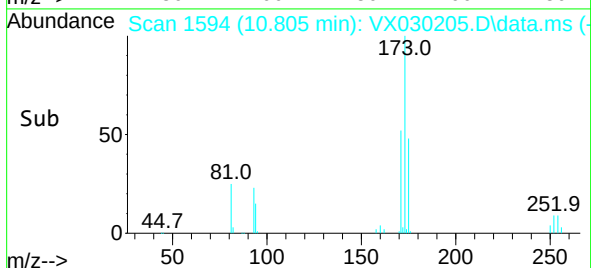
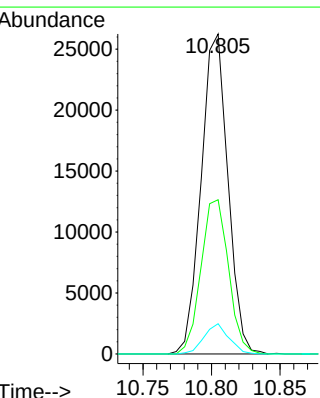
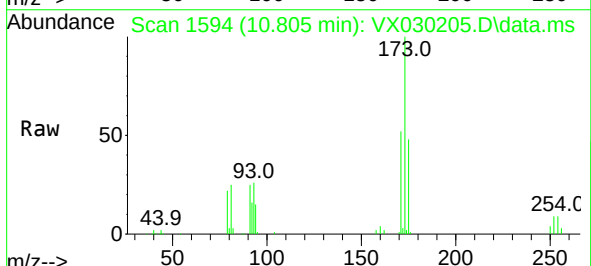
Tgt Ion:173 Resp: 35652

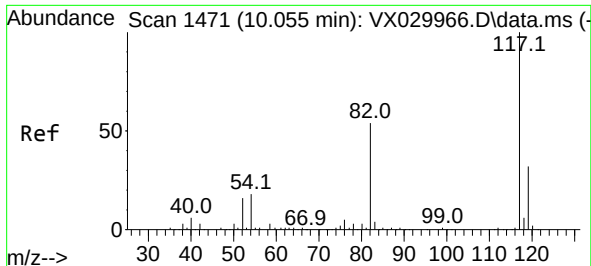
Ion Ratio Lower Upper

173 100

175 49.6 40.3 60.5

254 8.8 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: VX030205.D

Acq: 26 Jul 2022 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 117 Resp: 17500

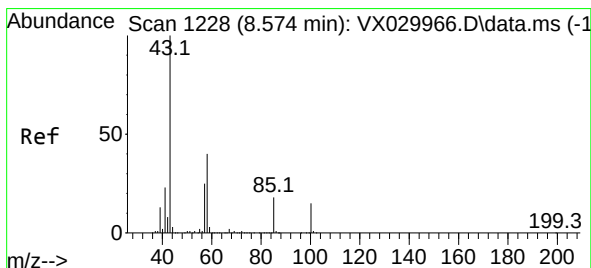
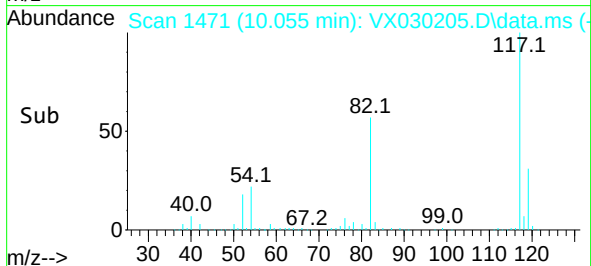
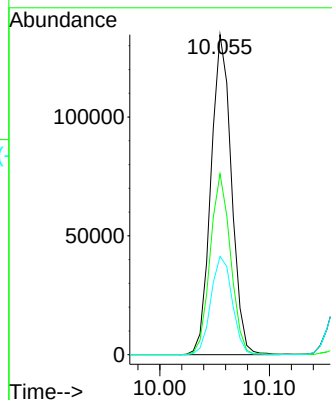
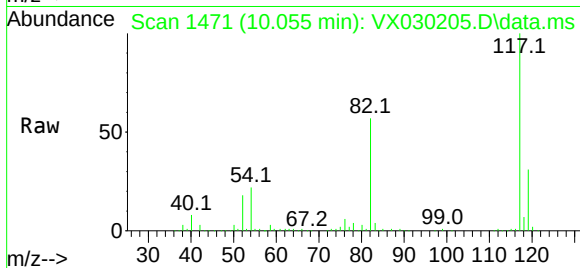
Ion	Ratio	Lower	Upper
117	100		
82	56.2	42.3	63.5
119	31.8	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#58

4-Methyl-2-Pentanone

Concen: 116.068 ug/l

RT: 8.573 min Scan# 1228

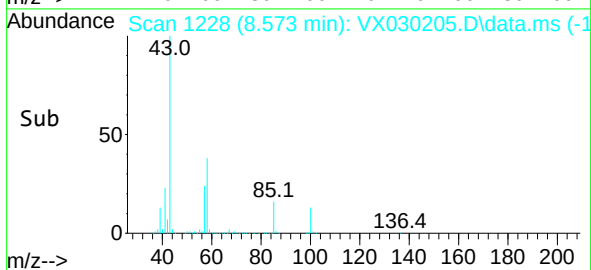
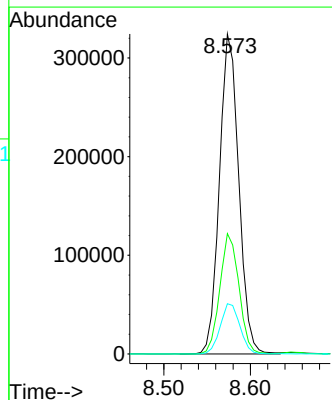
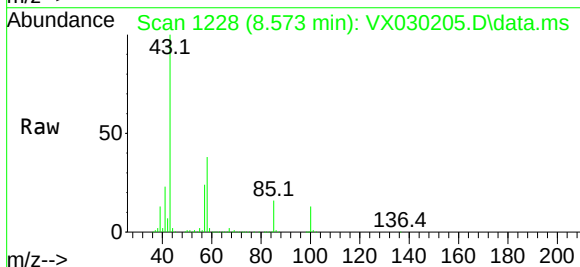
Delta R.T. -0.000 min

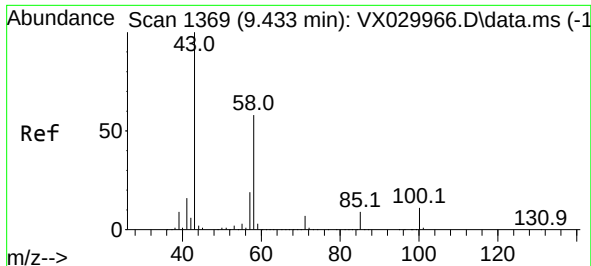
Lab File: VX030205.D

Acq: 26 Jul 2022 10:51

Tgt Ion: 43 Resp: 501726

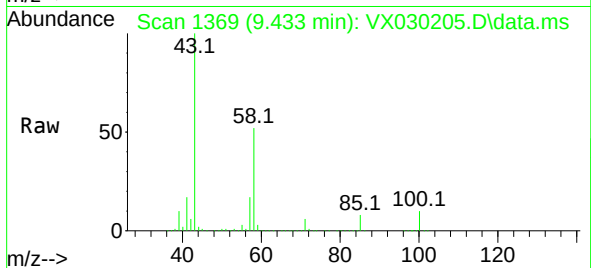
Ion	Ratio	Lower	Upper
43	100		
58	37.2	31.8	47.6
85	16.0	15.8	23.6





#59
2-Hexanone
Concen: 117.314 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

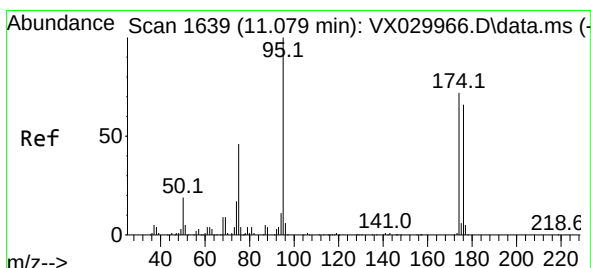
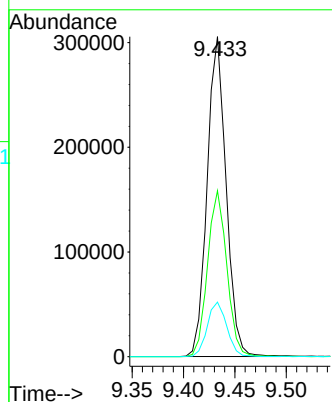
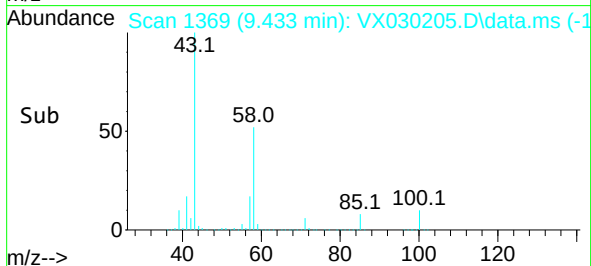
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



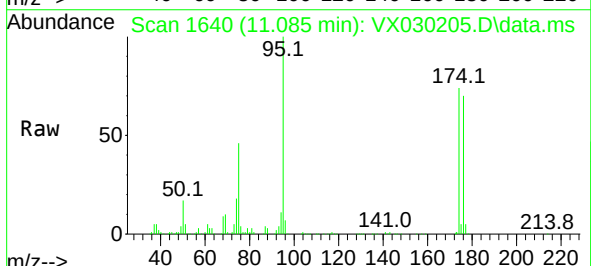
Tgt Ion: 43 Resp: 392229
Ion Ratio Lower Upper
43 100
58 52.7 44.1 66.1
57 17.4 16.2 24.2

Manual Integrations
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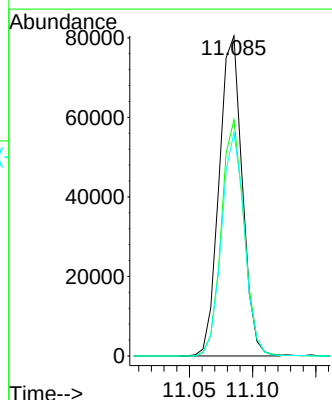
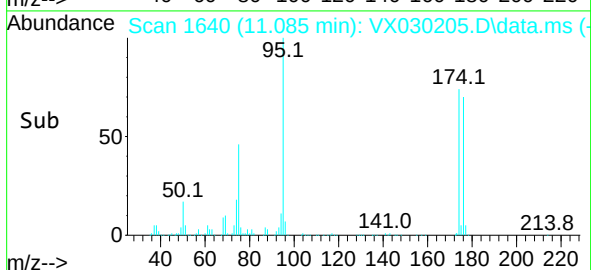
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

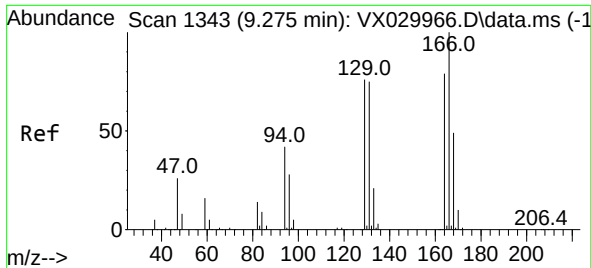


#60
4-Bromofluorobenzene
Concen: 30.942 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



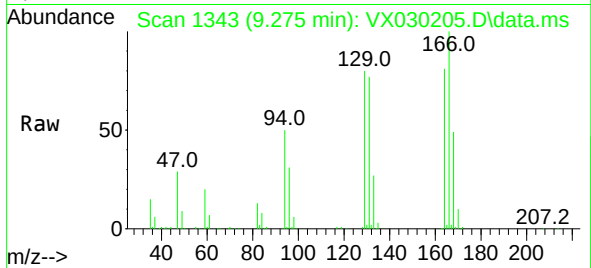
Tgt Ion: 95 Resp: 102047
Ion Ratio Lower Upper
95 100
174 72.3 65.4 98.2
176 69.0 63.4 95.0





#61
Tetrachloroethene
Concen: 21.412 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

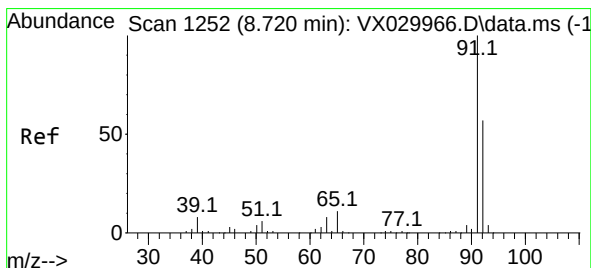
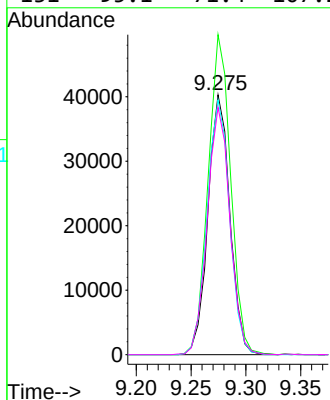
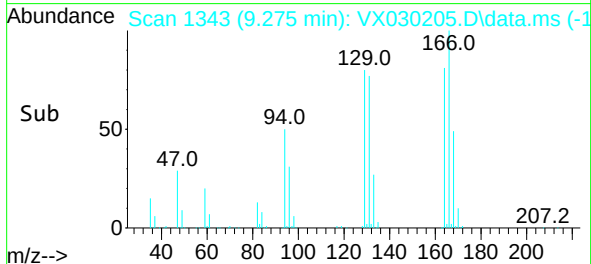
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



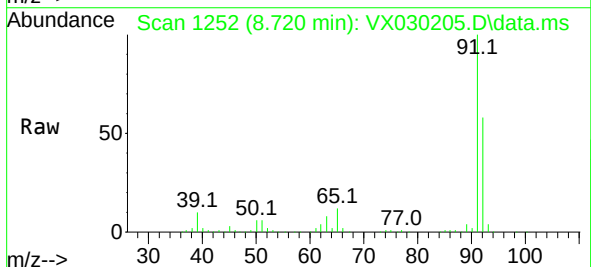
Tgt Ion:164 Resp: 5626
Ion Ratio Lower Upper
164 100
166 123.1 105.0 157.6
129 98.0 78.5 117.7
131 95.1 71.4 107.2

Manual Integrations
APPROVED

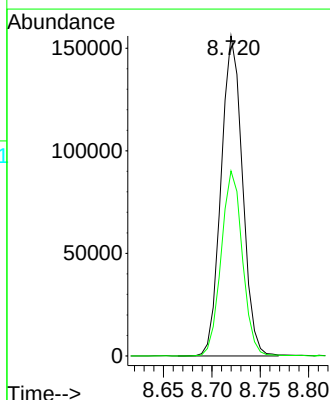
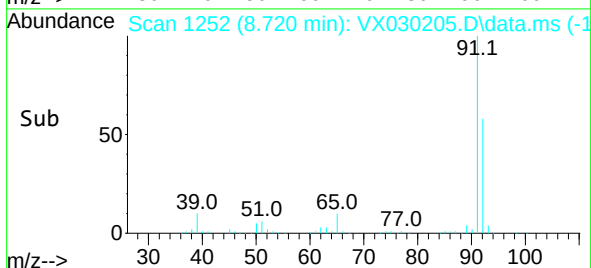
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

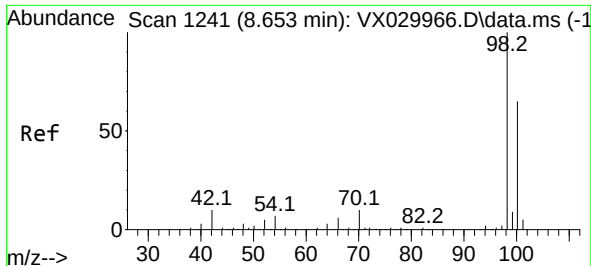


#62
Toluene
Concen: 20.563 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



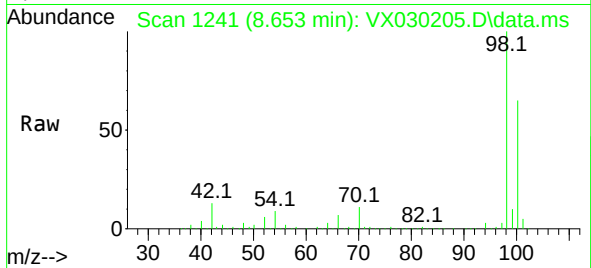
Tgt Ion: 91 Resp: 239382
Ion Ratio Lower Upper
91 100
92 57.5 48.1 72.1





#63
Toluene-d8
Concen: 30.023 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

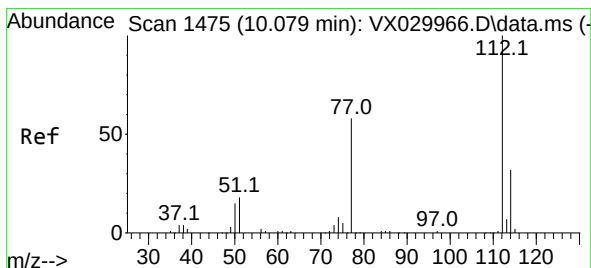
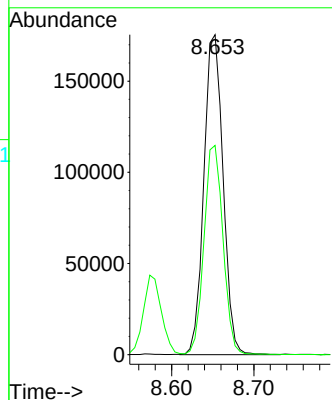
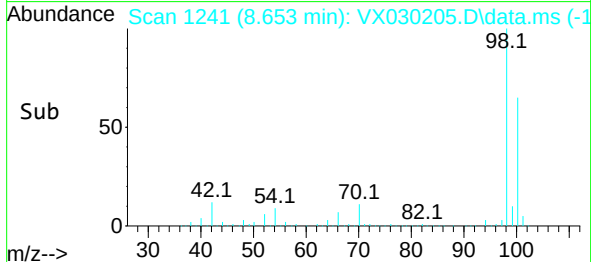
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



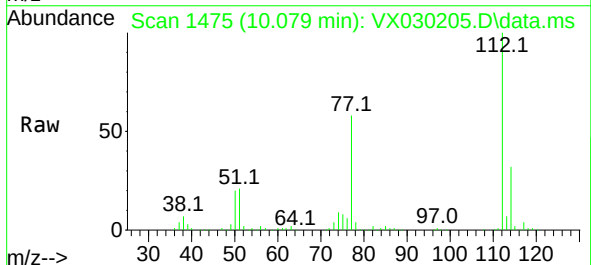
Tgt Ion: 98 Resp: 284902
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2

Manual Integrations
APPROVED

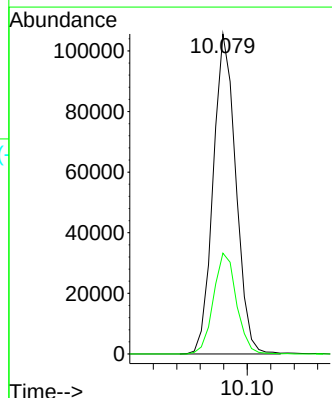
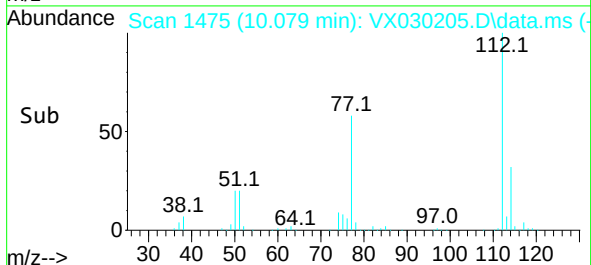
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

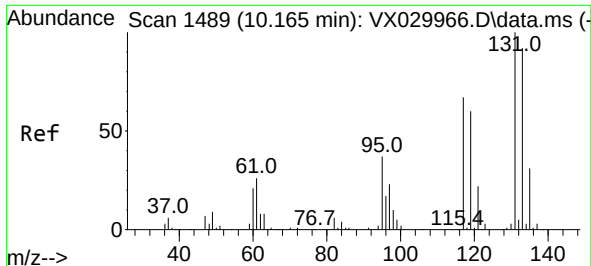


#64
Chlorobenzene
Concen: 20.335 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



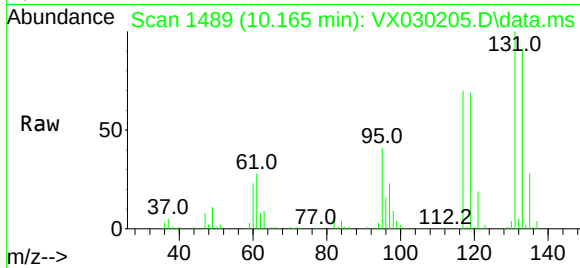
Tgt Ion:112 Resp: 141373
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 21.228 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

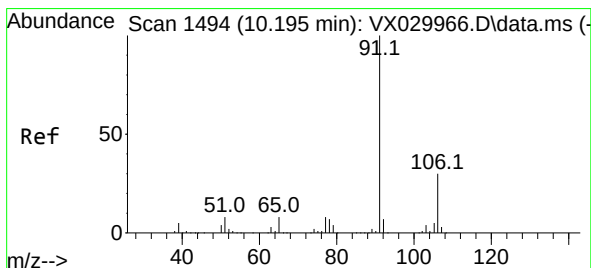
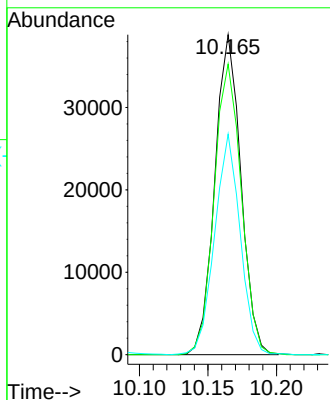
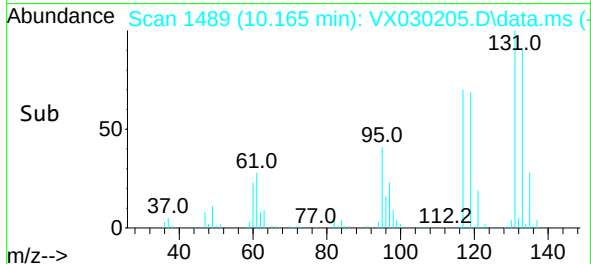
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



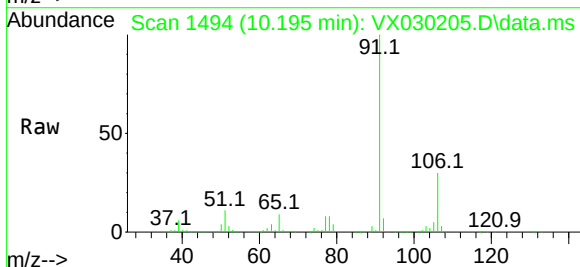
Tgt Ion:131 Resp: 5146
Ion Ratio Lower Upper
131 100
133 94.1 0.0 197.2
119 67.5 0.0 127.4

Manual Integrations
APPROVED

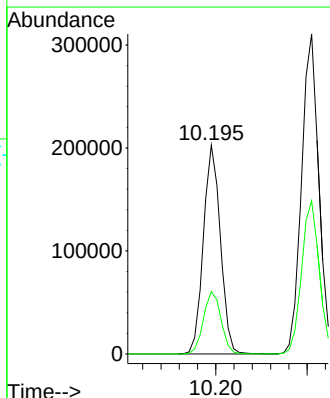
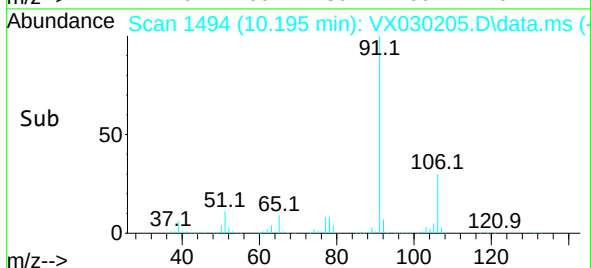
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

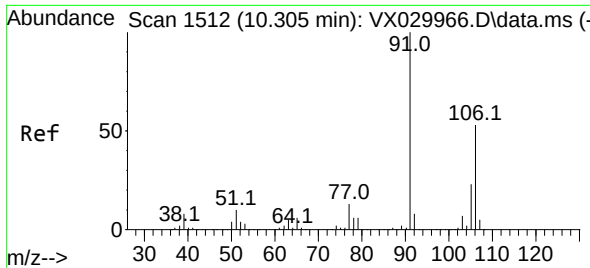


#66
Ethyl Benzene
Concen: 21.136 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



Tgt Ion: 91 Resp: 261478
Ion Ratio Lower Upper
91 100
106 29.9 25.8 38.8





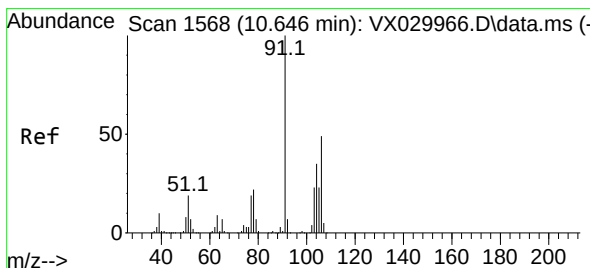
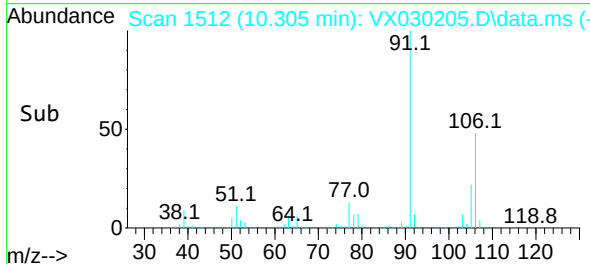
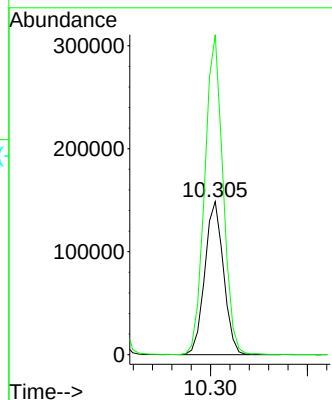
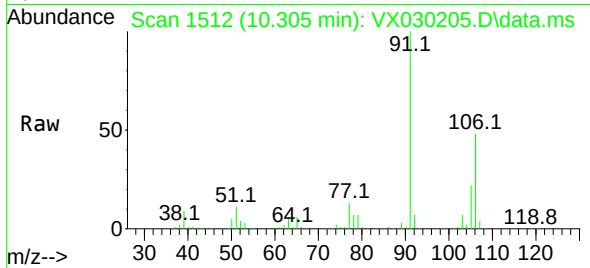
#67
m/p-Xylenes
Concen: 41.744 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 200392
Ion Ratio Lower Upper
106 100
91 203.7 159.5 239.3

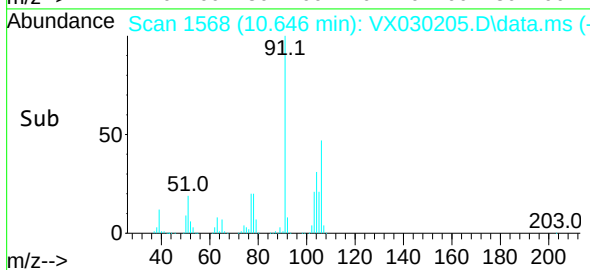
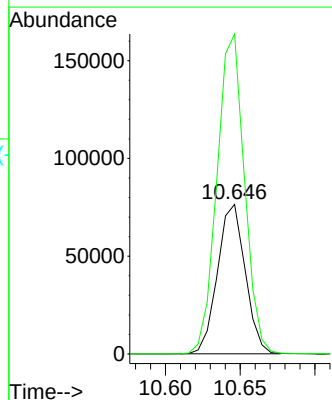
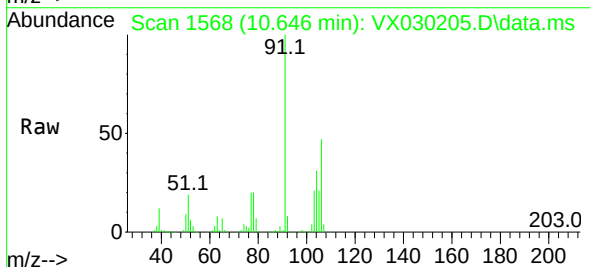
Manual Integrations
APPROVED

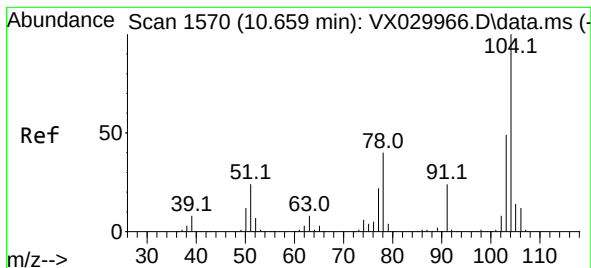
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#68
o-Xylene
Concen: 20.647 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Tgt Ion:106 Resp: 98703
Ion Ratio Lower Upper
106 100
91 211.9 105.4 316.2





#69

Styrene

Concen: 20.262 ug/l

RT: 10.658 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030205.D

Acq: 26 Jul 2022 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

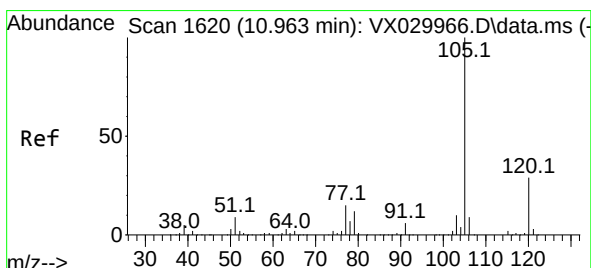
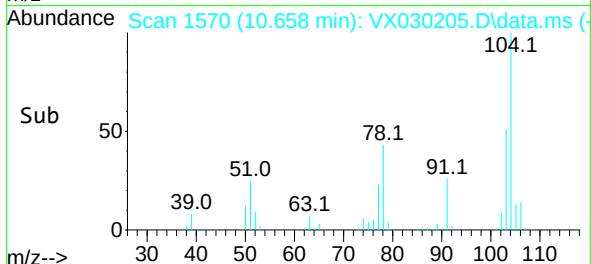
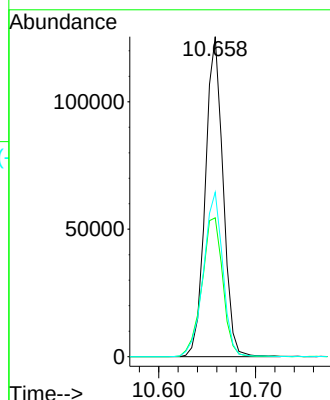
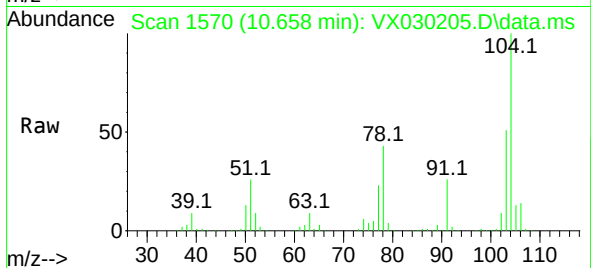
Tgt Ion:104 Resp: 160288
 Ion Ratio Lower Upper
 104 100
 78 50.9 39.7 59.5
 103 56.0 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2022

Supervised By :Mahesh Dadoda 07/27/2022



#70

Isopropylbenzene

Concen: 21.114 ug/l

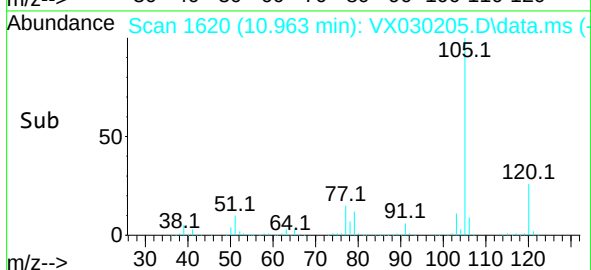
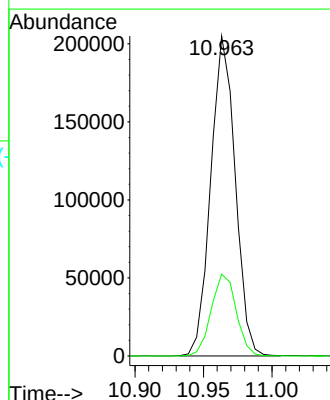
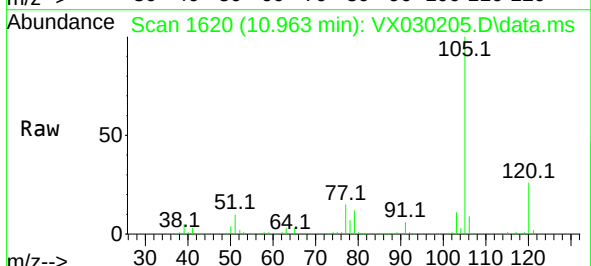
RT: 10.963 min Scan# 1620

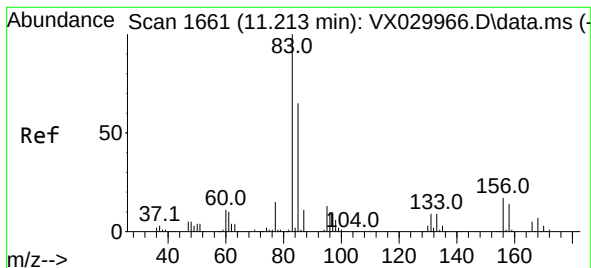
Delta R.T. -0.000 min

Lab File: VX030205.D

Acq: 26 Jul 2022 10:51

Tgt Ion:105 Resp: 254133
 Ion Ratio Lower Upper
 105 100
 120 26.2 18.8 34.8





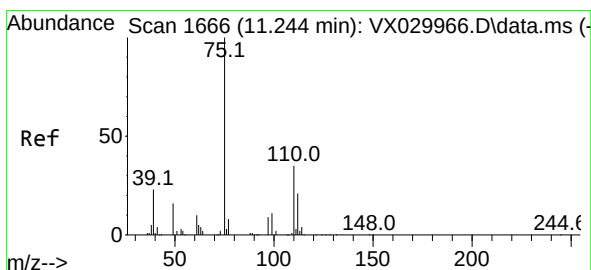
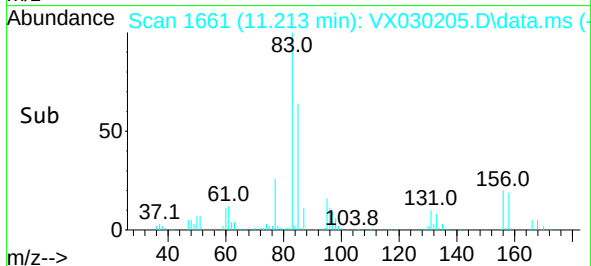
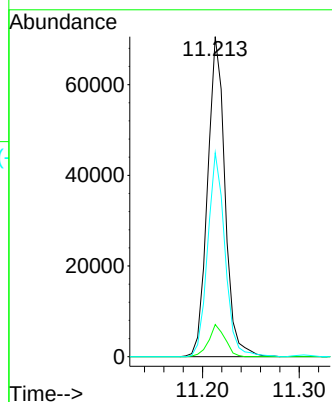
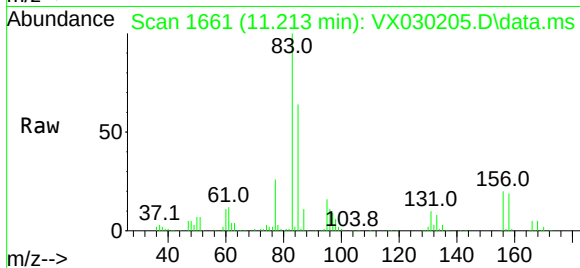
#71
1,1,2,2-Tetrachloroethane
Concen: 20.219 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 8849
Ion Ratio Lower Upper
83 100
131 9.4 5.8 17.3
85 63.4 32.0 96.2

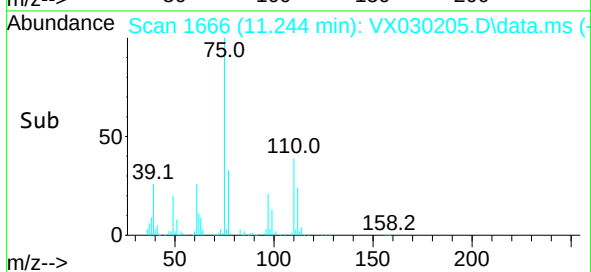
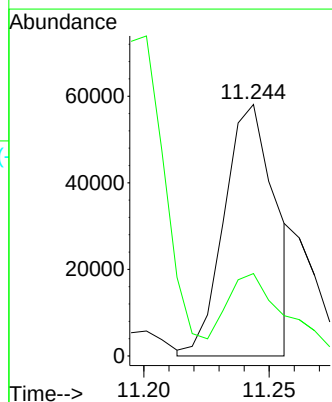
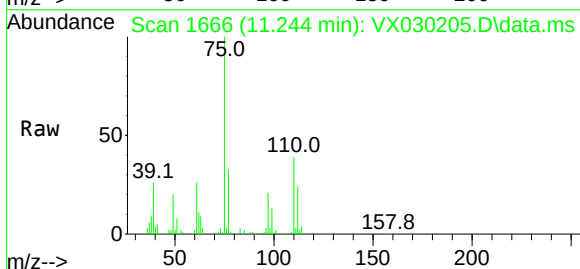
Manual Integrations
APPROVED

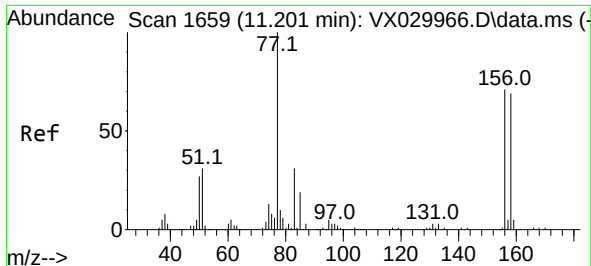
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#72
1,2,3-Trichloropropane
Concen: 20.950 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

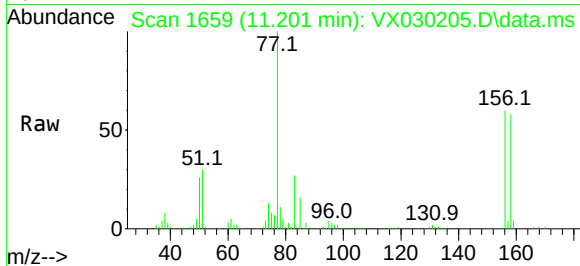
Tgt Ion: 75 Resp: 82426
Ion Ratio Lower Upper
75 100
77 38.3 0.0 78.6





#73
Bromobenzene
Concen: 20.151 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

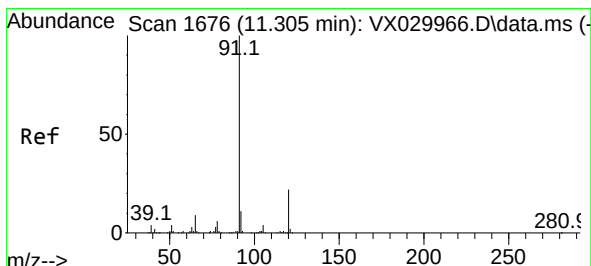
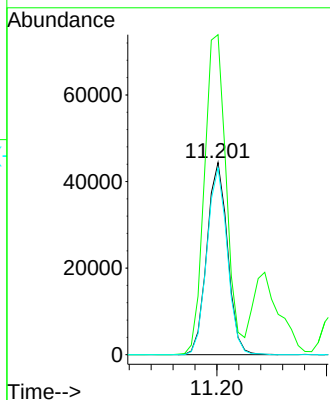
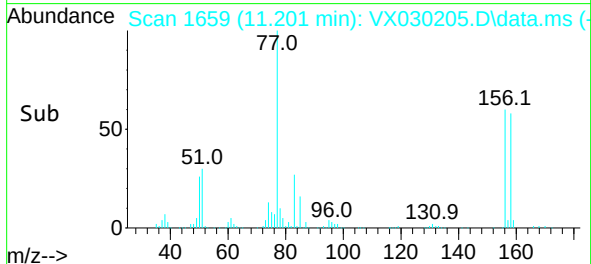
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



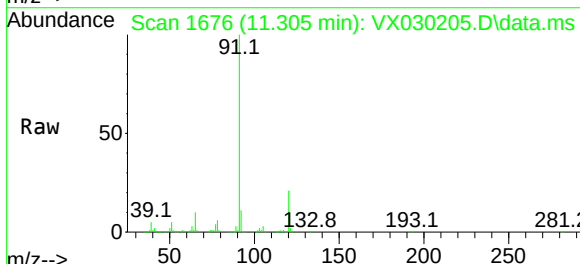
Tgt Ion:156 Resp: 58159
Ion Ratio Lower Upper
156 100
77 175.3 0.0 297.6
158 95.7 0.0 188.4

Manual Integrations
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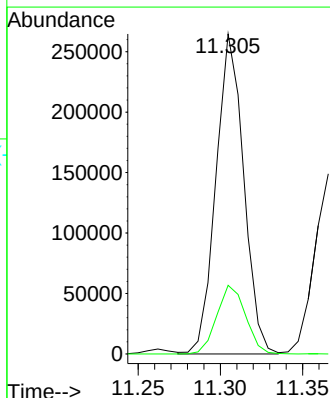
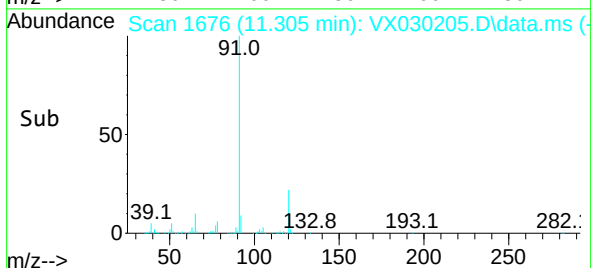
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

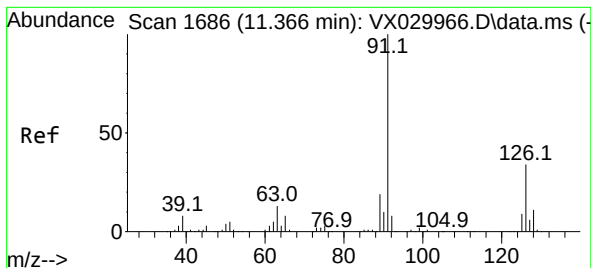


#74
n-propylbenzene
Concen: 21.480 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



Tgt Ion: 91 Resp: 310137
Ion Ratio Lower Upper
91 100
120 22.3 0.0 48.0





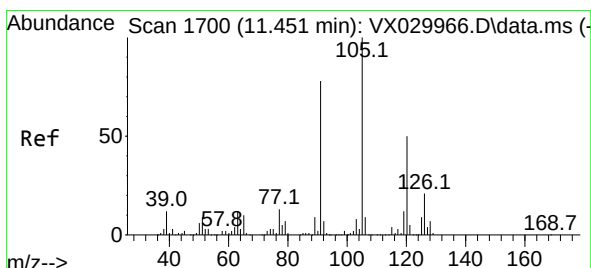
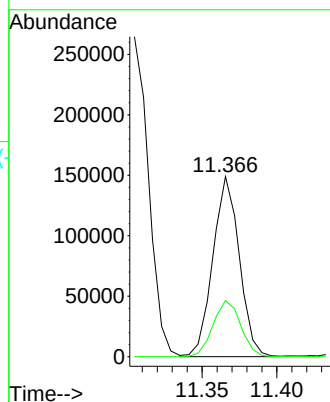
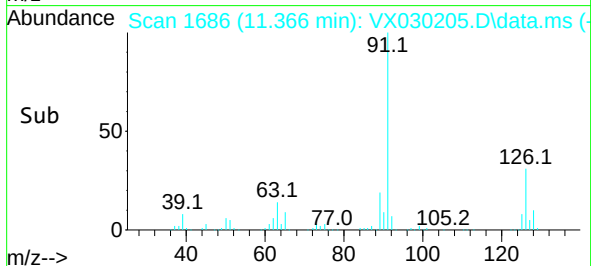
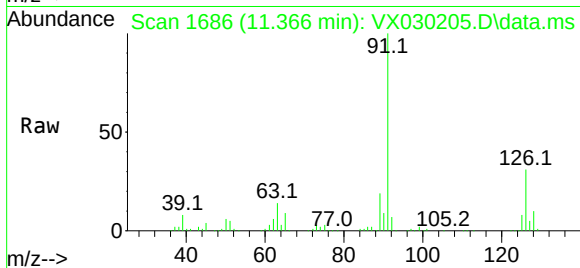
#75
2-Chlorotoluene
Concen: 21.516 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 182938
Ion Ratio Lower Upper
91 100
126 32.7 0.0 68.6

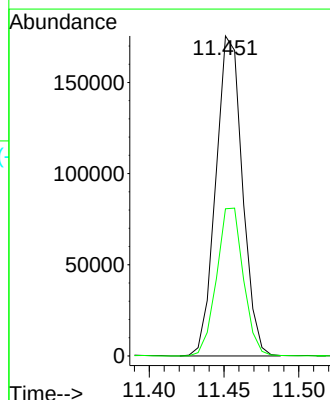
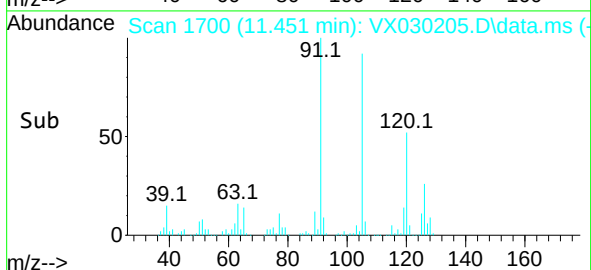
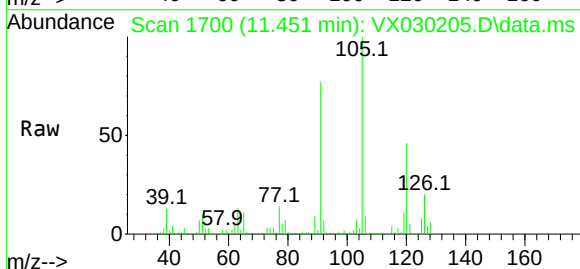
Manual Integrations
APPROVED

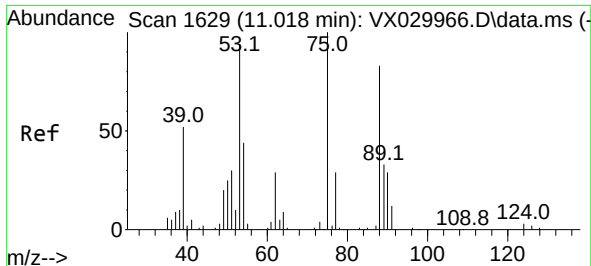
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#76
1,3,5-Trimethylbenzene
Concen: 21.504 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

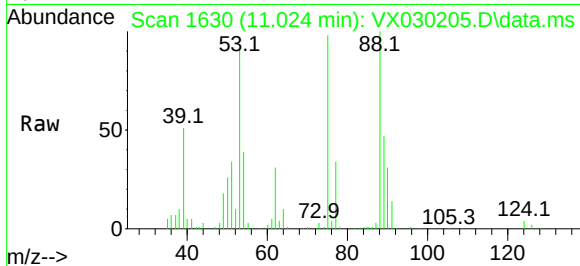
Tgt Ion:105 Resp: 217303
Ion Ratio Lower Upper
105 100
120 46.6 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 19.811 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

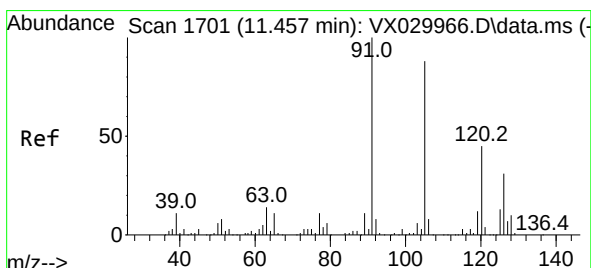
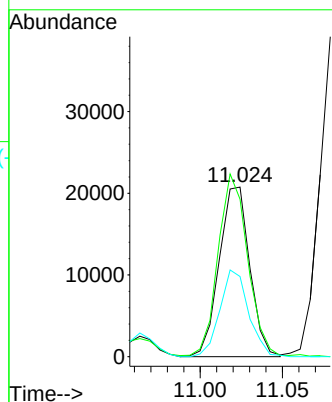
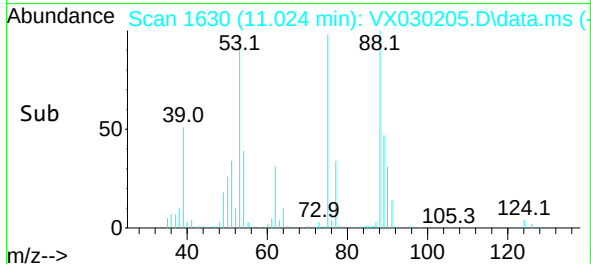
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 26809
Ion Ratio Lower Upper
75 100
53 92.2 59.7 179.1
89 47.3 23.1 69.2

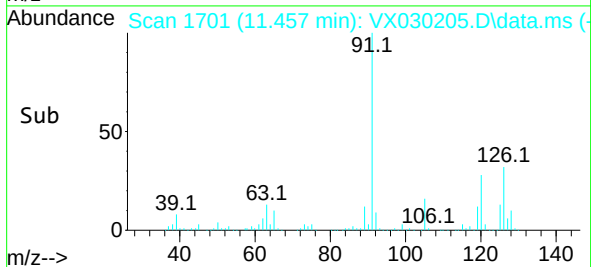
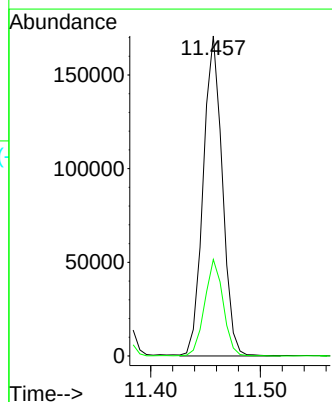
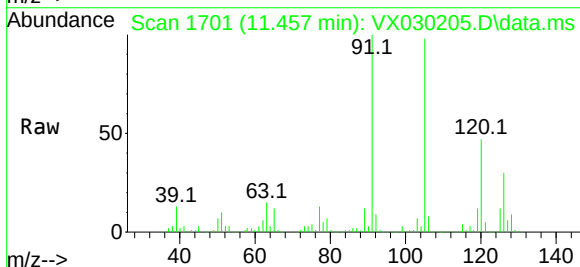
Manual Integrations
APPROVED

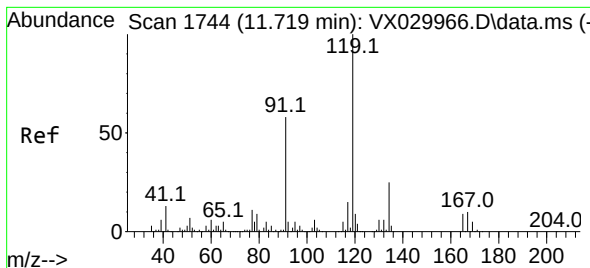
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#78
4-Chlorotoluene
Concen: 21.683 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

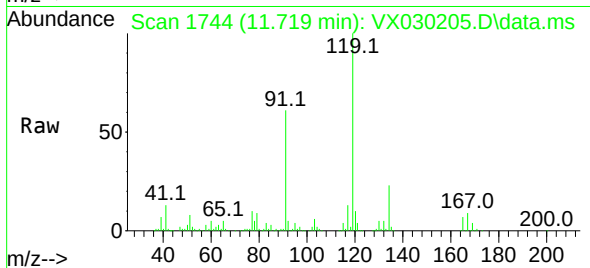
Tgt Ion: 91 Resp: 206908
Ion Ratio Lower Upper
91 100
126 29.2 0.0 59.8





#79
tert-butylbenzene
Concen: 20.491 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

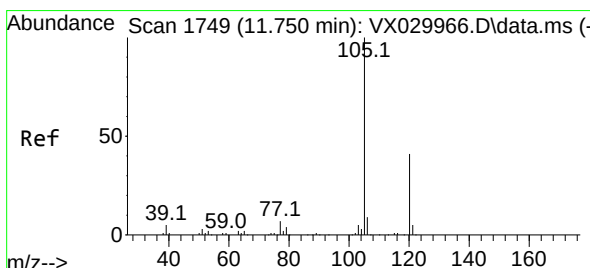
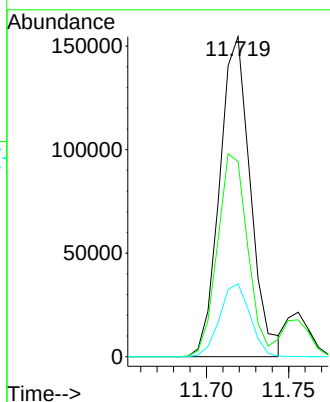
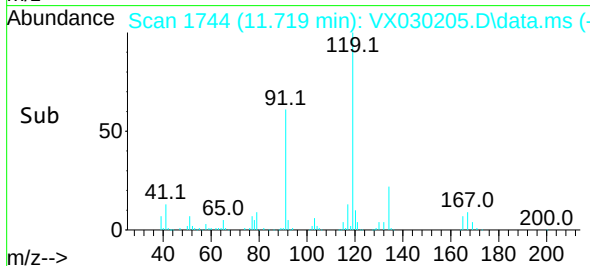
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



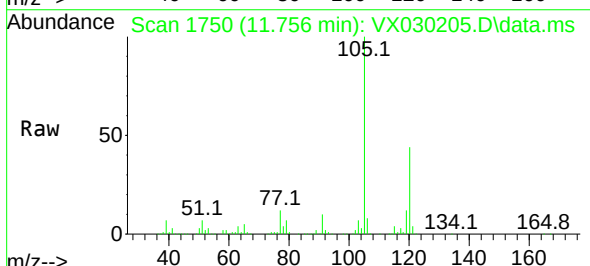
Tgt Ion:119 Resp: 201440
Ion Ratio Lower Upper
119 100
91 62.1 0.0 119.4
134 22.5 0.0 48.4

Manual Integrations
APPROVED

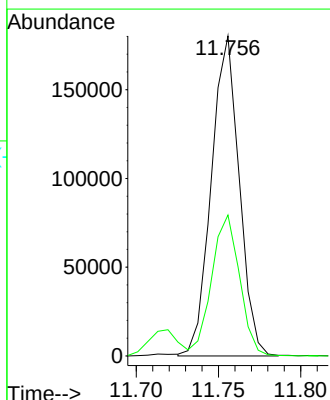
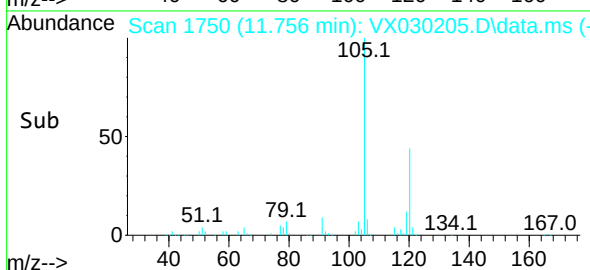
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

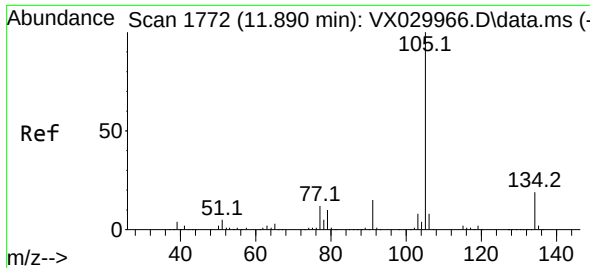


#80
1,2,4-Trimethylbenzene
Concen: 20.462 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



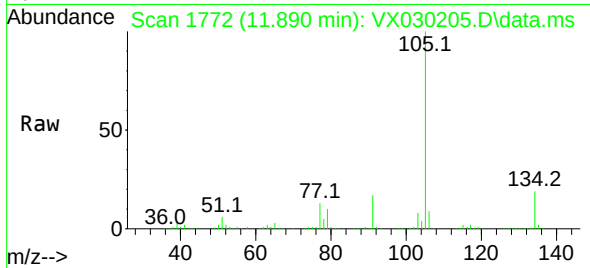
Tgt Ion:105 Resp: 212575
Ion Ratio Lower Upper
105 100
120 43.8 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 20.389 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX030205.D
 Acq: 26 Jul 2022 10:51

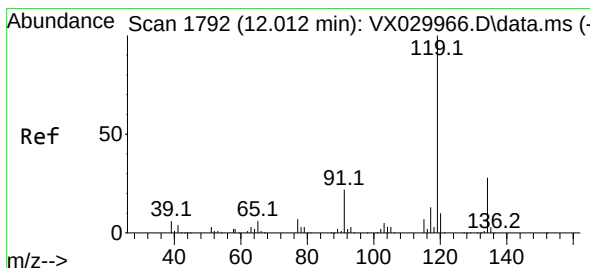
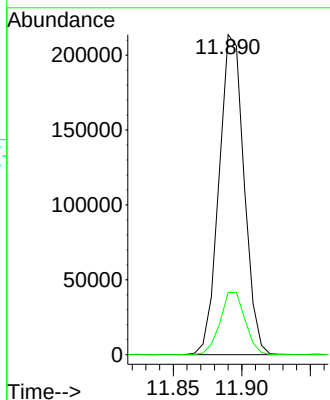
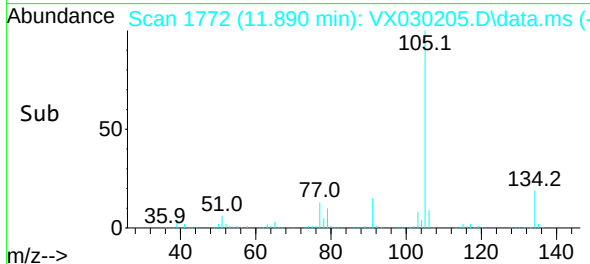
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



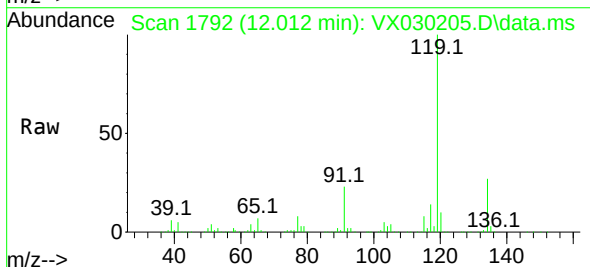
Tgt Ion:105 Resp: 27131
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 41.2

Manual Integrations
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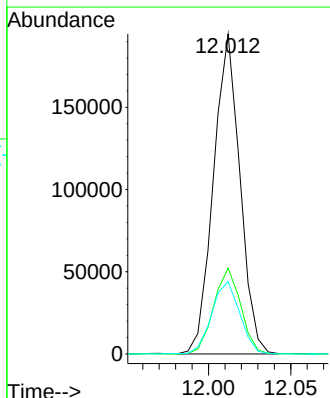
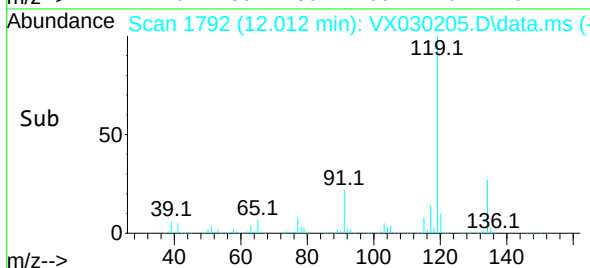
Reviewed By :John Carlone 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022

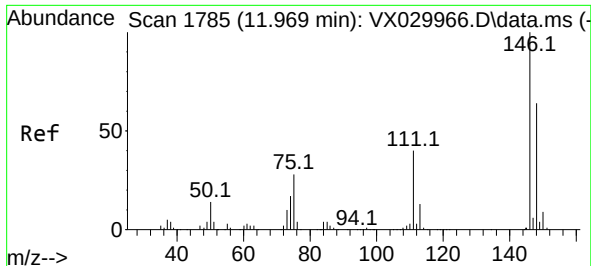


#82
 p-Isopropyltoluene
 Concen: 20.357 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030205.D
 Acq: 26 Jul 2022 10:51



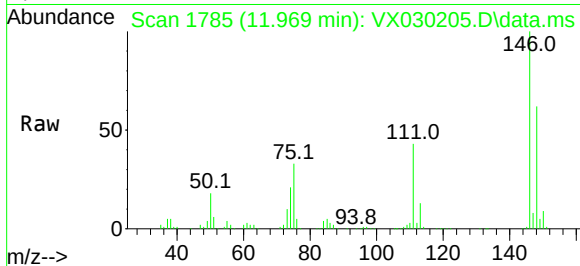
Tgt Ion:119 Resp: 218080
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 52.4
 91 24.0 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 19.749 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

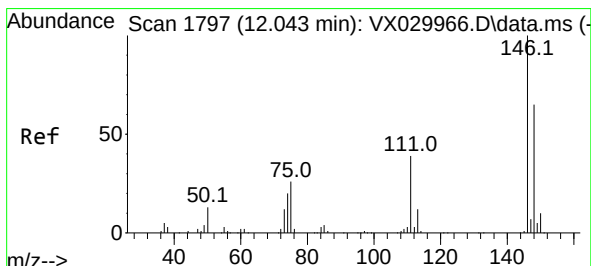
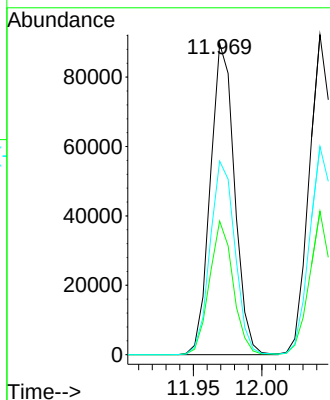
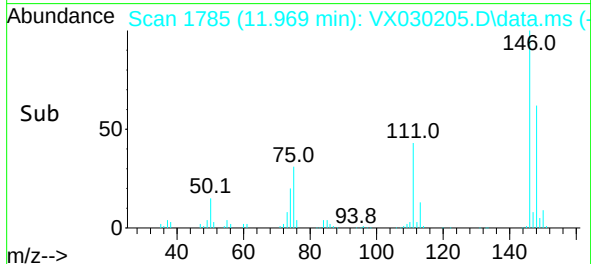
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



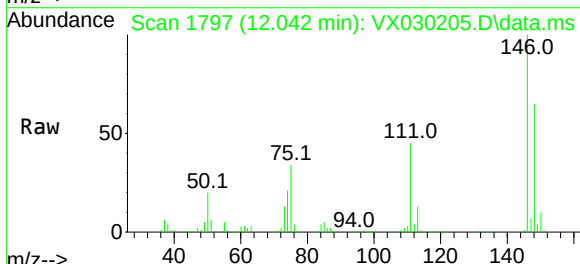
Tgt Ion:146 Resp: 110278
Ion Ratio Lower Upper
146 100
111 41.9 19.8 59.4
148 63.6 31.6 94.8

Manual Integrations
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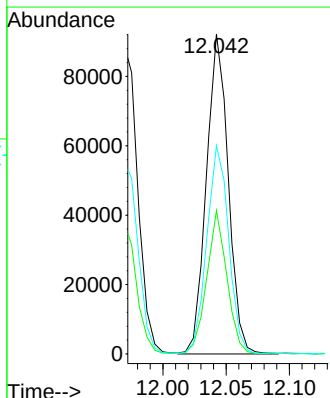
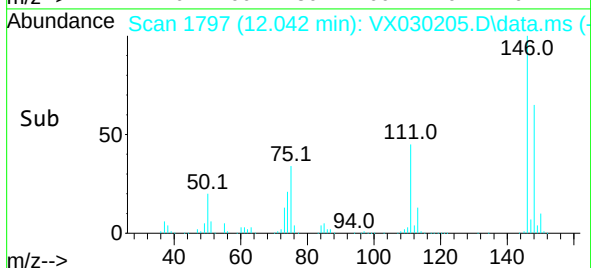
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

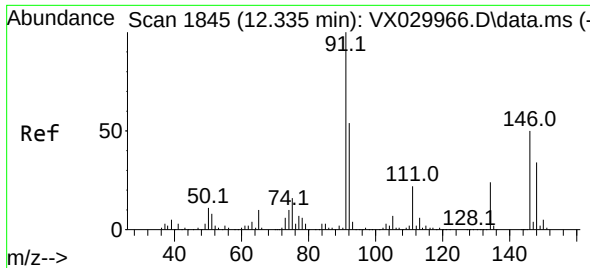


#84
1,4-Dichlorobenzene
Concen: 19.599 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



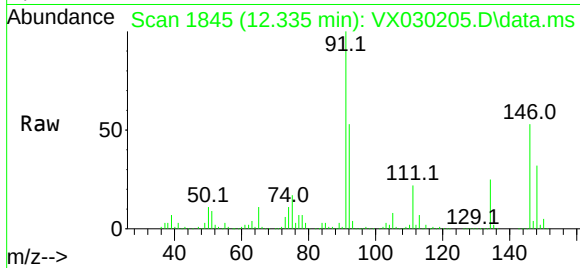
Tgt Ion:146 Resp: 110995
Ion Ratio Lower Upper
146 100
111 41.4 19.2 57.6
148 65.0 32.3 96.8





#85
n-Butylbenzene
Concen: 20.300 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

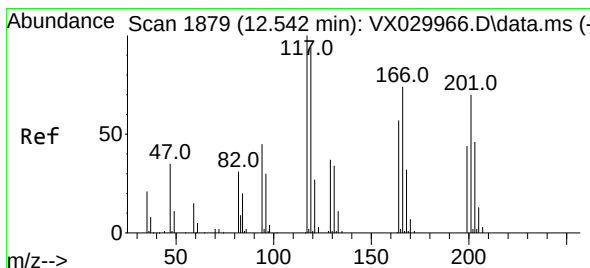
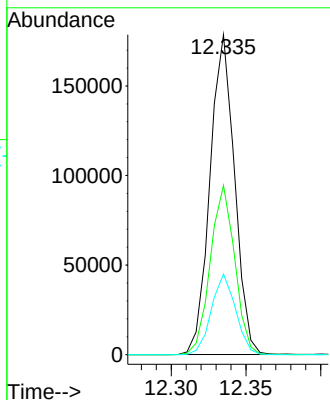
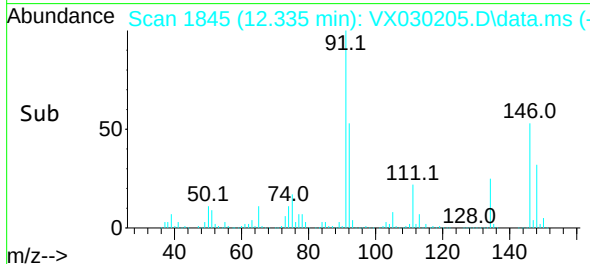
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



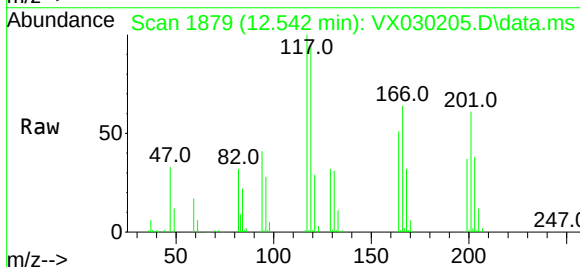
Tgt Ion: 91 Resp: 204069
Ion Ratio Lower Upper
91 100
92 52.5 0.0 109.4
134 24.9 0.0 56.4

Manual Integrations
APPROVED

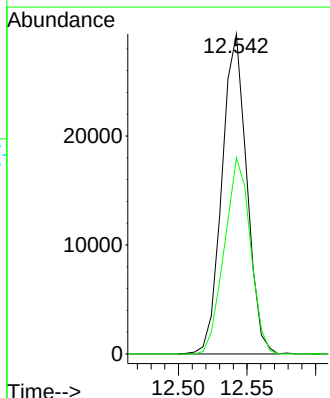
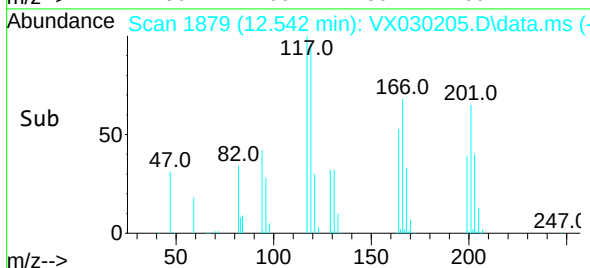
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

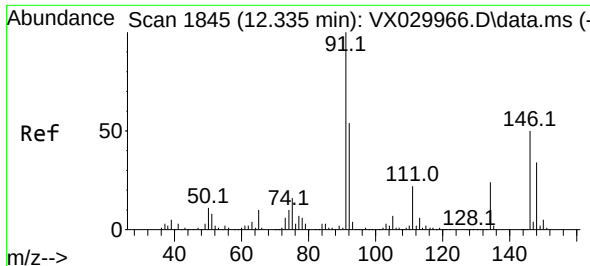


#86
Hexachloroethane
Concen: 20.727 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



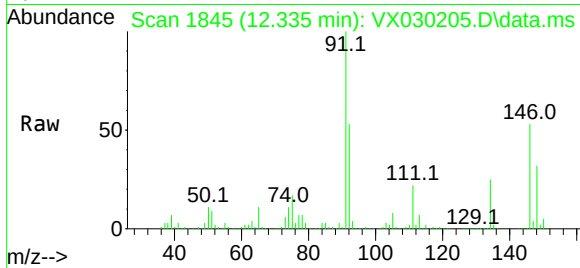
Tgt Ion:117 Resp: 36891
Ion Ratio Lower Upper
117 100
201 64.3 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 20.842 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

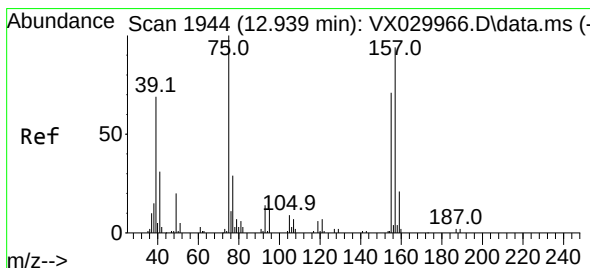
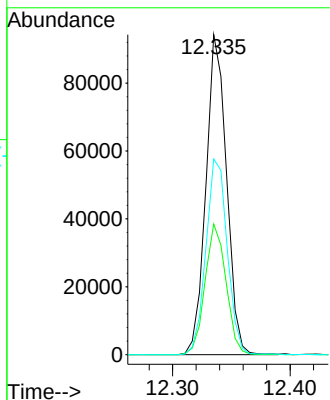
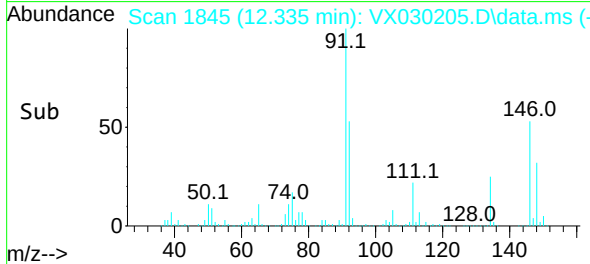
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



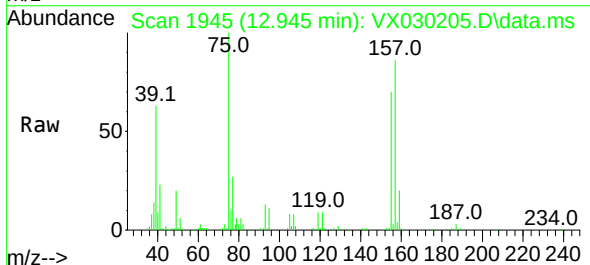
Tgt Ion:146 Resp: 114920
Ion Ratio Lower Upper
146 100
111 41.5 21.1 63.3
148 63.4 31.4 94.2

Manual Integrations
APPROVED

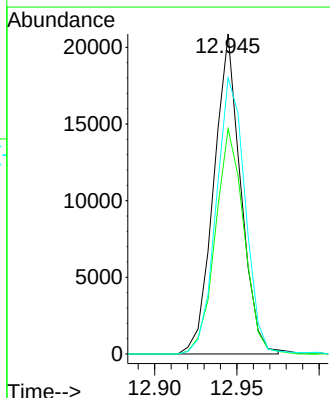
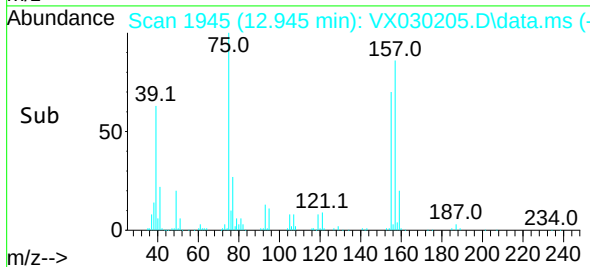
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

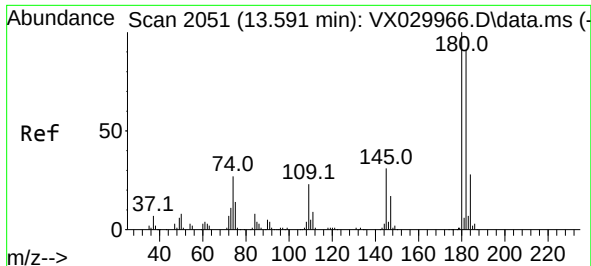


#88
1,2-Dibromo-3-Chloropropane
Concen: 23.844 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



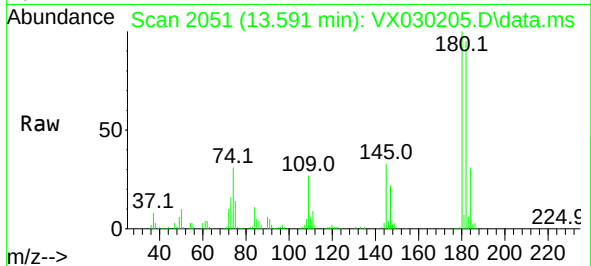
Tgt Ion: 75 Resp: 23800
Ion Ratio Lower Upper
75 100
155 74.5 74.3 111.5
157 92.4 97.3 145.9#





#89
1,2,4-Trichlorobenzene
Concen: 19.474 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

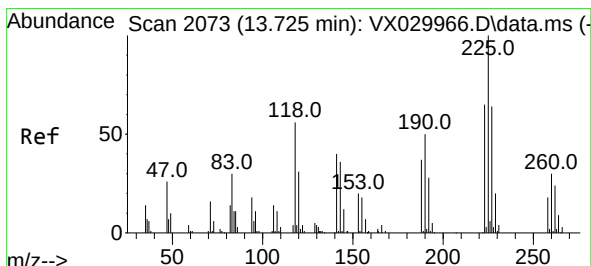
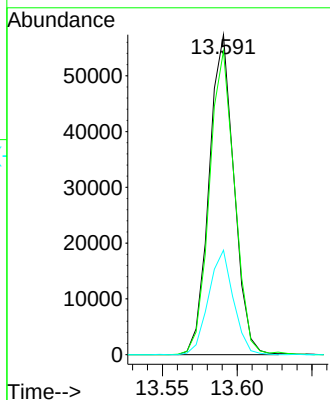
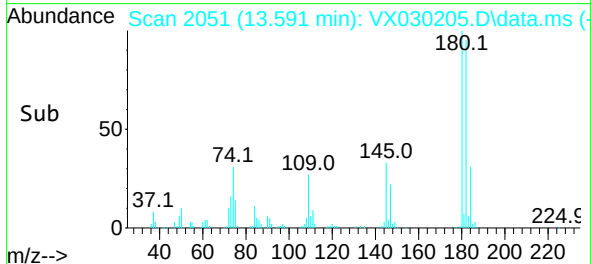
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



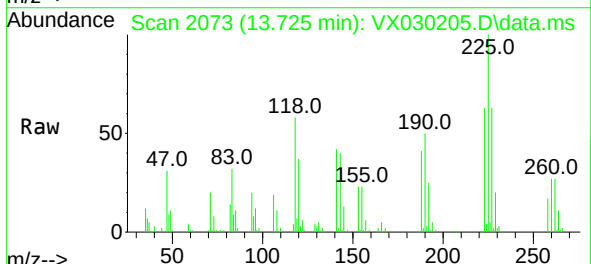
Tgt Ion:180 Resp: 6648
Ion Ratio Lower Upper
180 100
182 95.6 77.4 116.2
145 32.6 24.2 36.4

Manual Integrations
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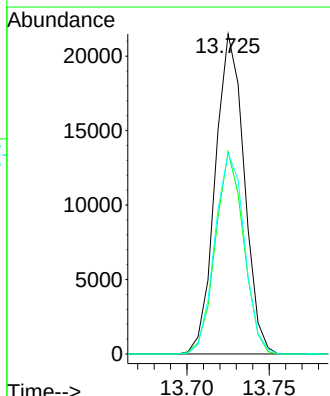
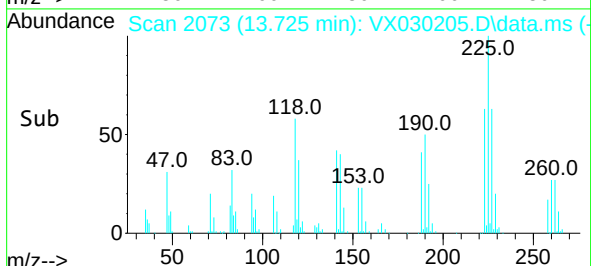
Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

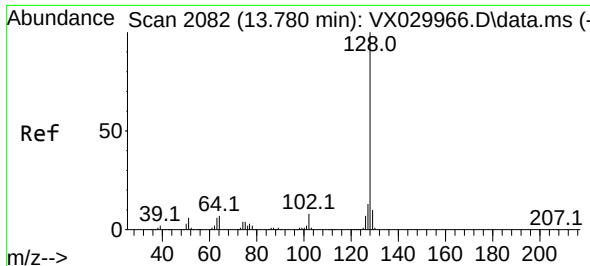


#90
Hexachlorobutadiene
Concen: 20.296 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51



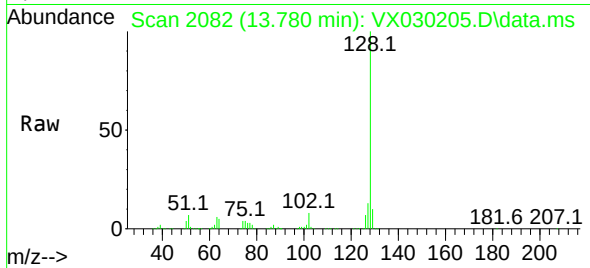
Tgt Ion:225 Resp: 26278
Ion Ratio Lower Upper
225 100
223 61.5 0.0 126.0
227 64.1 0.0 125.0





#91
Naphthalene
Concen: 19.951 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

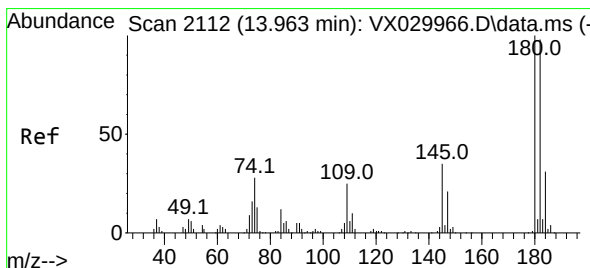
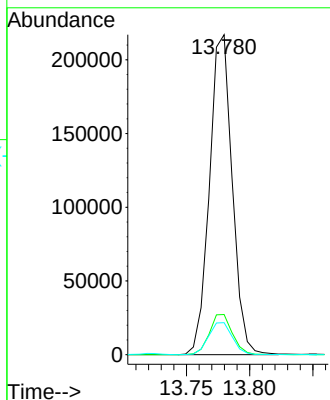
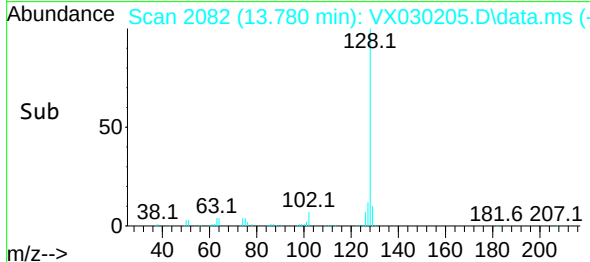
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 271492
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.6 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#92
1,2,3-Trichlorobenzene
Concen: 19.780 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030205.D
Acq: 26 Jul 2022 10:51

Tgt Ion:180 Resp: 68785
Ion Ratio Lower Upper
180 100
182 94.2 0.0 189.4
145 34.0 0.0 67.2

