

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029968.D
 Acq On : 08 Jul 2022 12:57
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

Quant Time: Jul 08 13:25:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 08 13:22:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	28990	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	176445	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	158082	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	73649	39.947	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 133.167%#		
60) 4-Bromofluorobenzene	11.085	95	90619	36.861	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 122.867%#		
63) Toluene-d8	8.653	98	258452	38.593	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 128.633%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	203234	198.134	ug/l	96
3) Chloromethane	1.288	50	202841	250.852	ug/l	97
4) Vinyl Chloride	1.373	62	232469	226.156	ug/l	100
5) Bromomethane	1.605	94	79199	93.519	ug/l	99
6) Chloroethane	1.678	64	129329	163.374	ug/l	97
7) Trichlorofluoromethane	1.879	101	296615	131.970	ug/l	97
8) Diethyl Ether	2.135	74	123745	139.595	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.324	101	197496	149.416	ug/l	96
10) 1,1-Dichloroethene	2.318	96	205611	188.130	ug/l	92
11) Methyl Iodide	2.452	142	216917	147.775	ug/l	91
12) Methyl Acetate	2.708	43	329401	188.795	ug/l	94
13) Acrolein	2.239	56	198810	561.550	ug/l	99
14) Acrylonitrile	3.068	53	716205	901.651	ug/l	97
15) Acetone	2.385	58	192691	856.532	ug/l	84
16) Carbon Disulfide	2.507	76	540802	418.680	ug/l	100
17) Allyl chloride	2.666	41	364708	222.076	ug/l	94
18) Methylene Chloride	2.788	84	232771	165.764	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	220920	182.975	ug/l	94
20) Diisopropyl ether	3.763	45	722576	177.022	ug/l	92
21) 1,1-Dichloroethane	3.611	63	385595	159.828	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	260743	153.404	ug/l	98
23) tert-Butyl Alcohol	3.001	59	296814	691.876	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	666698	138.734	ug/l	98
25) Chloroform	5.098	83	386674	136.398	ug/l	96
26) Cyclohexane	5.476	56	362866	237.899	ug/l #	93
29) 1,1-Dichloropropene	5.696	75	294677	157.018	ug/l	98
30) 2-Butanone	4.562	43	980761	829.170	ug/l	100
31) 2,2-Dichloropropane	4.483	77	283320	122.920	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	314700	119.259	ug/l	99
33) Carbon Tetrachloride	5.677	117	269359	119.956	ug/l	99
34) Benzene	6.043	78	931826	155.889	ug/l	98
35) Methacrylonitrile	4.928	41	201824	169.417	ug/l	94
36) 1,2-Dichloroethane	6.092	62	286818	128.754	ug/l	97
37) Trichloroethene	7.128	130	248189	135.552	ug/l	99
38) Methylcyclohexane	7.384	83	382809	199.172	ug/l	95
39) 1,2-Dichloropropane	7.433	63	239450	152.393	ug/l	98
40) Dibromomethane	7.586	93	159787	132.582	ug/l	93
41) Bromodichloromethane	7.823	83	293245	128.220	ug/l	100
42) Vinyl Acetate	3.727	43	3203850	873.997	ug/l	98

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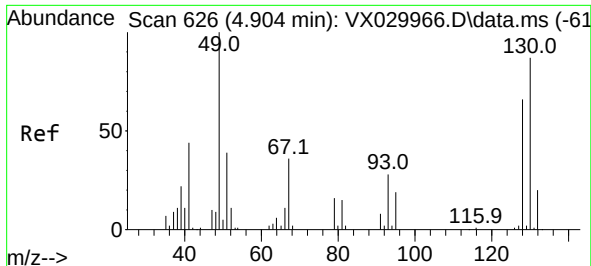
Manual Integrations
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Reviewed By : John Carlone 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

Quant Time: Jul 08 13:25:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.720	43	375494	169.641	ug/l	99
44) Isopropyl Acetate	6.348	43	577286	161.758	ug/l	99
45) 1,4-Dioxane	7.677	88	133580	2874.346	ug/l	95
46) Methyl methacrylate	7.695	41	273670	167.791	ug/l	99
47) n-amyl Acetate	10.847	43	514390	166.480	ug/l	95
48) t-1,3-Dichloropropene	8.982	75	334600	139.295	ug/l	97
49) cis-1,3-Dichloropropene	8.372	75	367839	142.514	ug/l	98
50) 1,1,2-Trichloroethane	9.152	97	235572	124.299	ug/l	95
51) Ethyl methacrylate	9.122	69	381593	140.708	ug/l	97
52) 1,3-Dichloropropane	9.311	76	380103	128.197	ug/l	99
53) Dibromochloromethane	9.524	129	228224	117.705	ug/l	99
54) 1,2-Dibromoethane	9.616	107	250253	126.930	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	975536	685.152	ug/l	96
56) Bromoform	10.805	173	167702	112.204	ug/l	98
58) 4-Methyl-2-Pentanone	8.579	43	1843193	801.510	ug/l	98
59) 2-Hexanone	9.433	43	1484292	833.964	ug/l	98
61) Tetrachloroethene	9.274	164	220576	126.490	ug/l	97
62) Toluene	8.720	91	1014393	147.954	ug/l	97
64) Chlorobenzene	10.079	112	600795	124.210	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.164	131	213124	112.813	ug/l	95
66) Ethyl Benzene	10.195	91	1074266	132.899	ug/l	99
67) m/p-Xylenes	10.305	106	834627	257.579	ug/l	98
68) o-Xylene	10.646	106	423405	128.575	ug/l	95
69) Styrene	10.658	104	700634	127.389	ug/l	97
70) Isopropylbenzene	10.963	105	1054208	123.048	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	384932	132.328	ug/l	98
72) 1,2,3-Trichloropropane	11.244	75	346201m	133.753	ug/l	
73) Bromobenzene	11.201	156	253563	109.764	ug/l	90
74) n-propylbenzene	11.304	91	1283077	134.314	ug/l	99
75) 2-Chlorotoluene	11.365	91	746466	126.140	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	897166	124.884	ug/l	99
77) t-1,4-Dichloro-2-butene	11.024	75	130156	166.072	ug/l	78
78) 4-Chlorotoluene	11.457	91	863084	128.946	ug/l	100
79) tert-butylbenzene	11.719	119	869152	119.253	ug/l	98
80) 1,2,4-Trimethylbenzene	11.756	105	915097	126.899	ug/l	98
81) sec-Butylbenzene	11.890	105	1192318	138.012	ug/l	98
82) p-Isopropyltoluene	12.012	119	951342	126.864	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	496975	114.700	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	511626	116.140	ug/l	98
85) n-Butylbenzene	12.335	91	921620	152.282	ug/l	97
86) Hexachloroethane	12.542	117	169843	143.934	ug/l	85
87) 1,2-Dichlorobenzene	12.335	146	480372	110.086	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.944	75	94422	151.965	ug/l	92
89) 1,2,4-Trichlorobenzene	13.591	180	308415	113.156	ug/l	98
90) Hexachlorobutadiene	13.725	225	116939	101.198	ug/l	99
91) Naphthalene	13.774	128	1239413	130.126	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	317618	116.249	ug/l	99

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



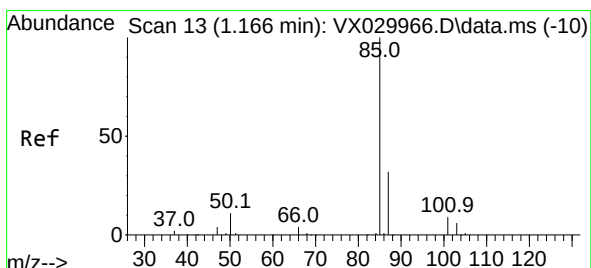
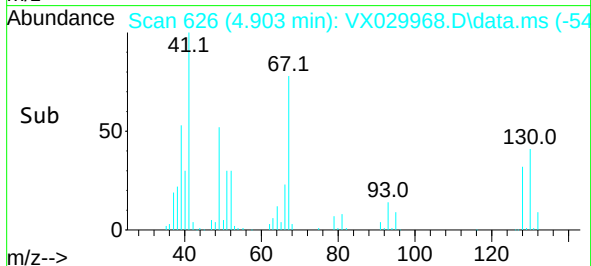
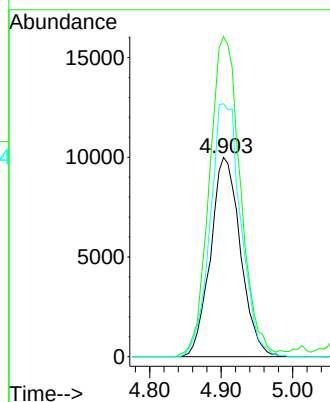
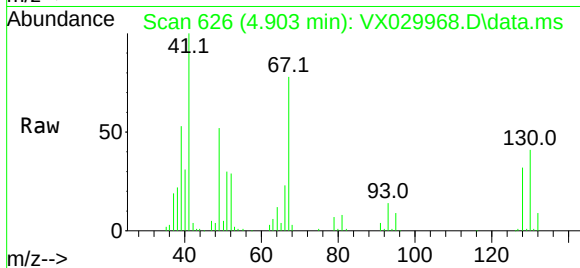
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 28990
Ion Ratio Lower Upper
128 100
49 166.8 0.0 358.3
130 80.7 0.0 319.3

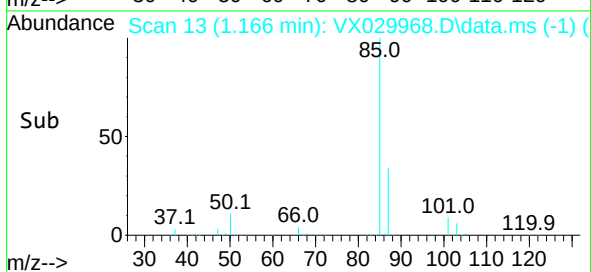
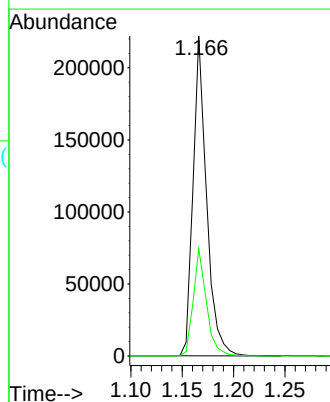
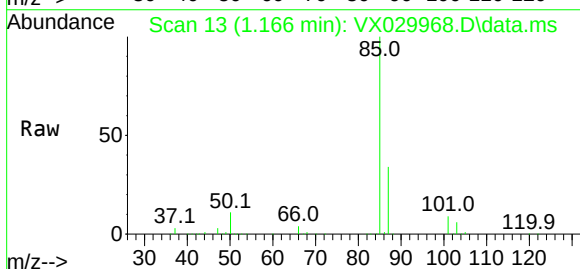
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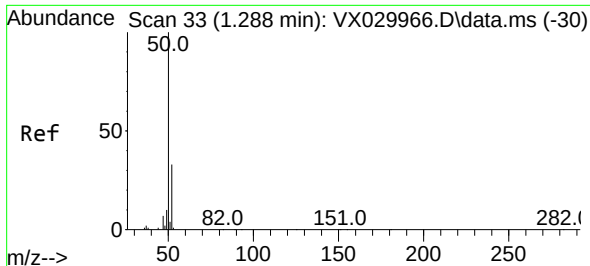
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#2
Dichlorodifluoromethane
Concen: 198.134 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

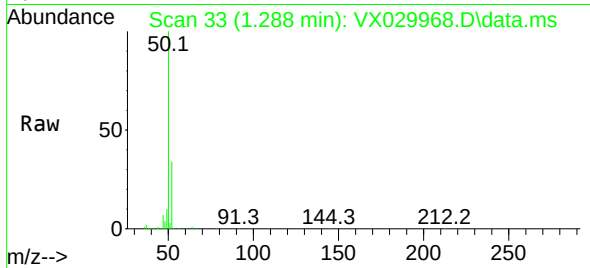
Tgt Ion: 85 Resp: 203234
Ion Ratio Lower Upper
85 100
87 33.5 15.6 46.8





#3
Chloromethane
Concen: 250.852 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.007 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

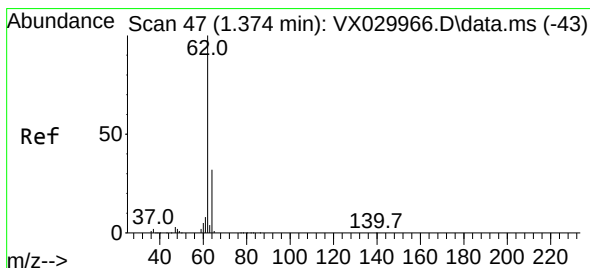
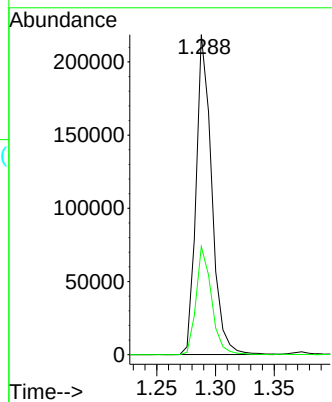
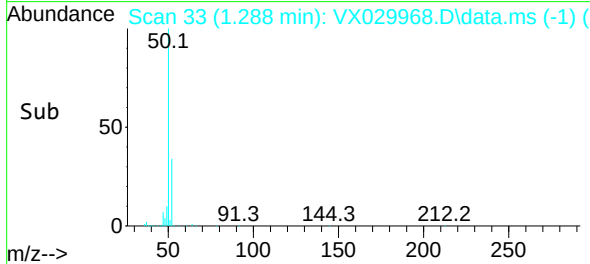
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 20284
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4

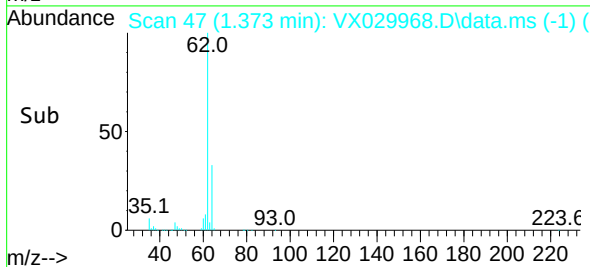
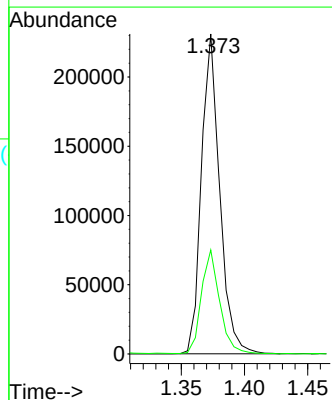
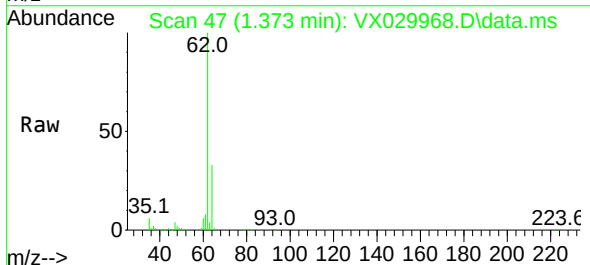
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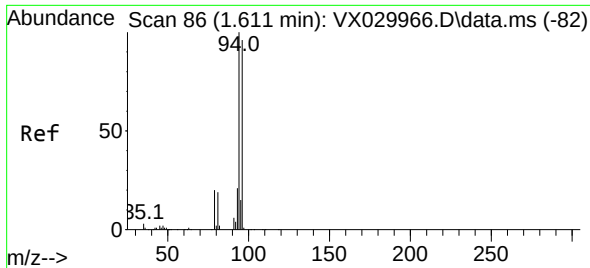
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#4
Vinyl Chloride
Concen: 226.156 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

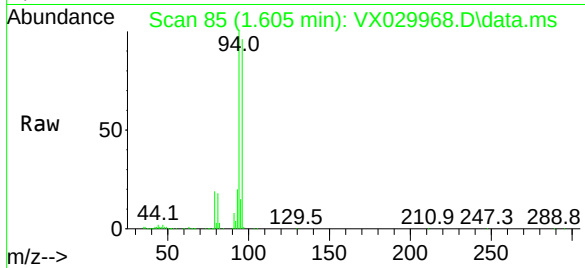
Tgt Ion: 62 Resp: 232469
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.2





#5
Bromomethane
Concen: 93.519 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

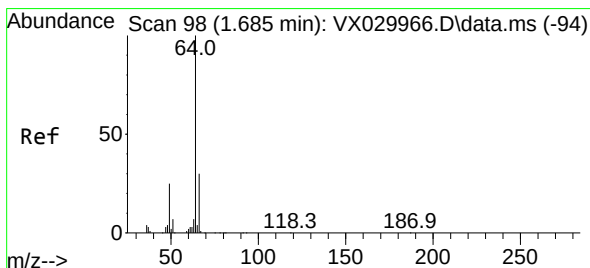
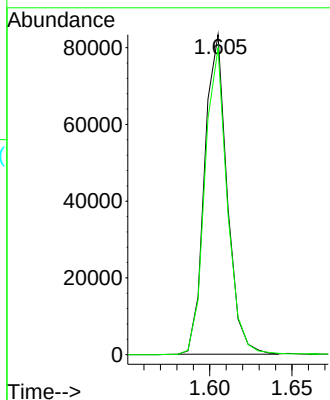
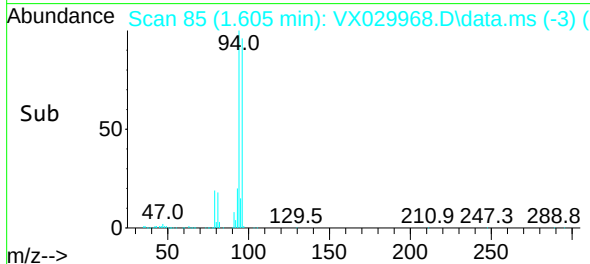
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 79199
Ion Ratio Lower Upper
94 100
96 95.8 77.0 115.6

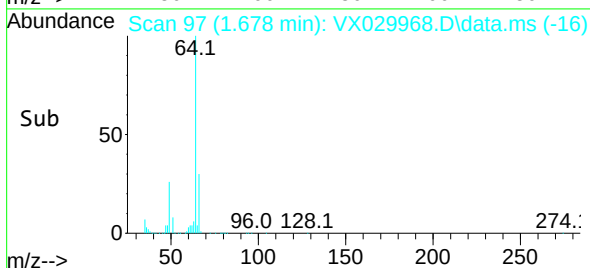
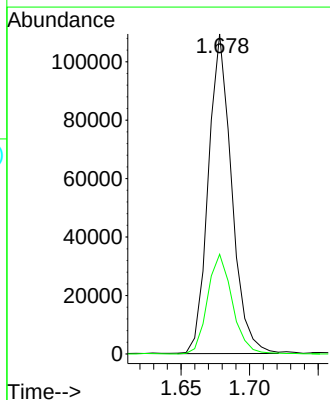
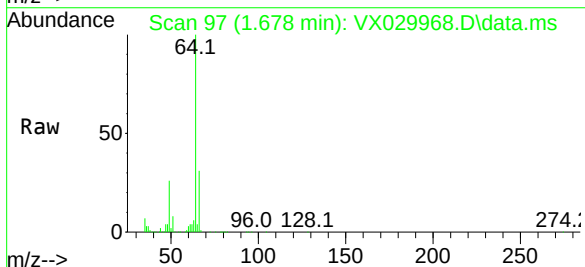
Manual Integrations
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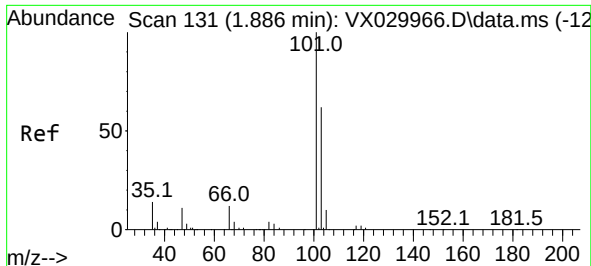
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#6
Chloroethane
Concen: 163.374 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

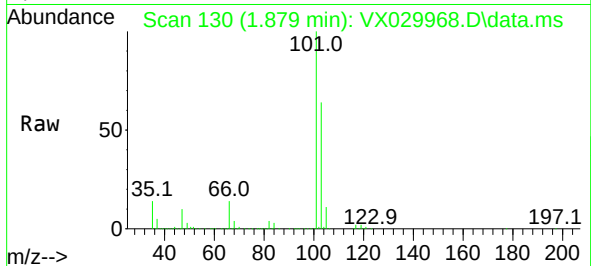
Tgt Ion: 64 Resp: 129329
Ion Ratio Lower Upper
64 100
66 31.2 26.4 39.6





#7
Trichlorofluoromethane
Concen: 131.970 ug/l
RT: 1.879 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

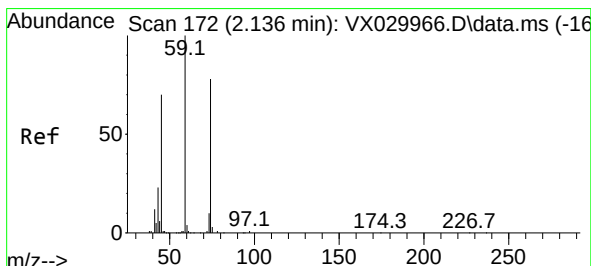
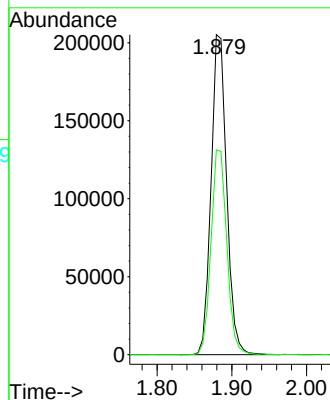
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 29661
Ion Ratio Lower Upper
101 100
103 64.0 49.6 74.4

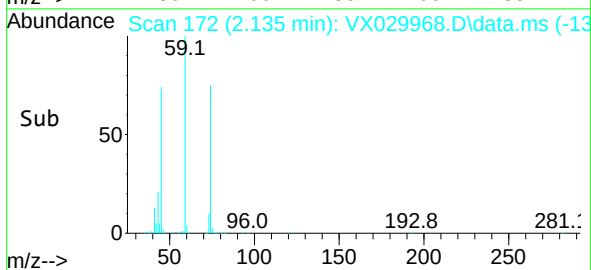
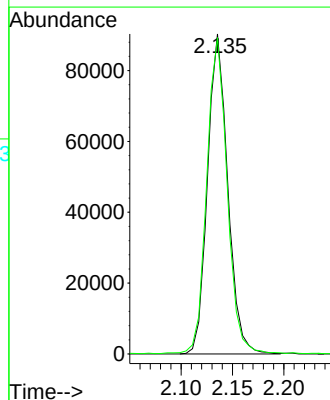
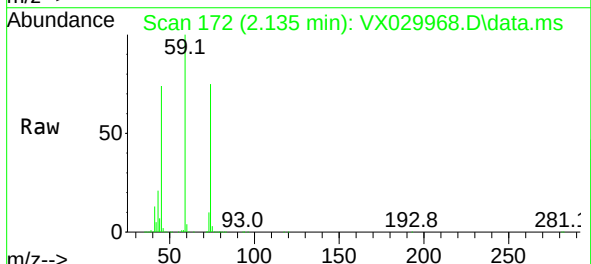
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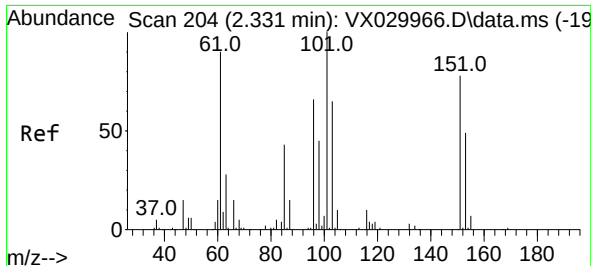
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#8
Diethyl Ether
Concen: 139.595 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

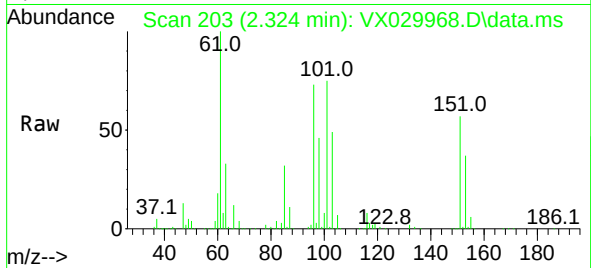
Tgt Ion: 74 Resp: 123745
Ion Ratio Lower Upper
74 100
45 99.4 18.7 168.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 149.416 ug/l
RT: 2.324 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

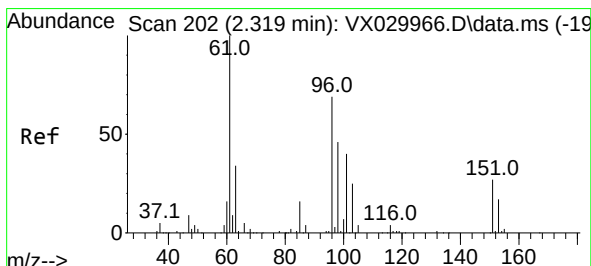
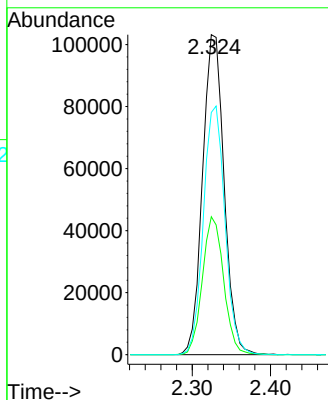
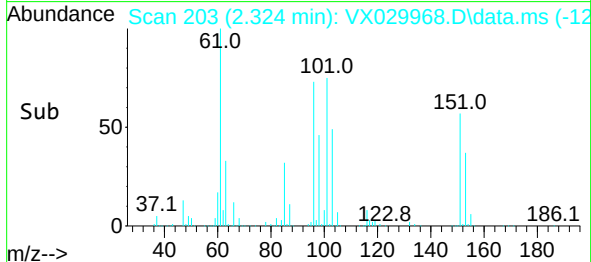
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



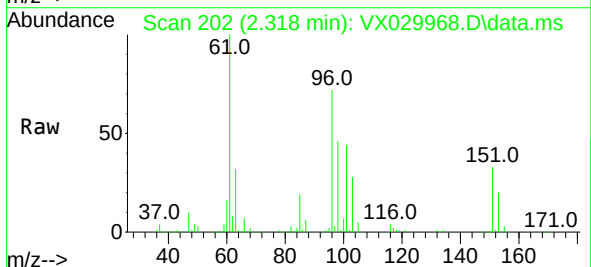
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Ion Ratio Lower Upper
101 100
85 42.5 0.0 84.6
151 77.8 0.0 165.4

Manual Integrations
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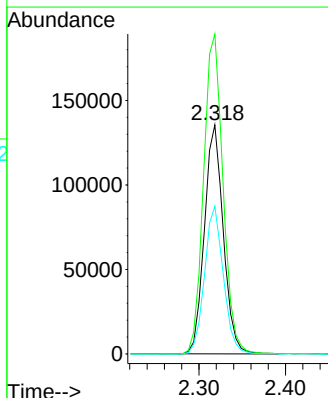
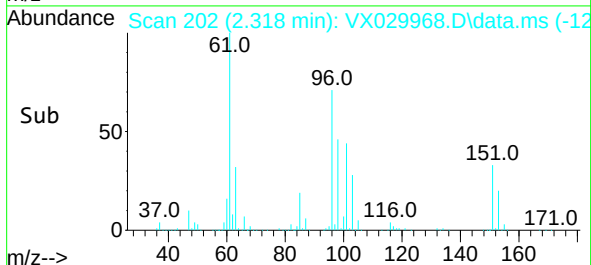
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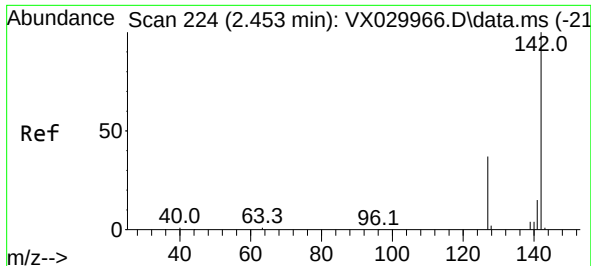


#10
1,1-Dichloroethene
Concen: 188.130 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57



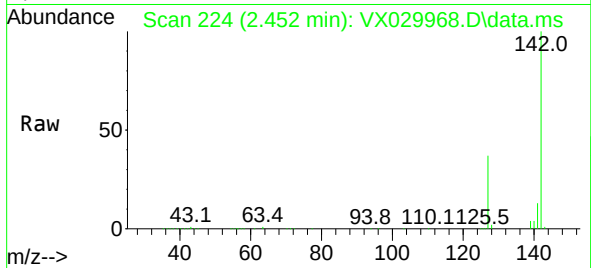
Tgt Ion: 96 Resp: 205611
Ion Ratio Lower Upper
96 100
61 139.8 122.6 183.8
98 64.5 50.1 75.1





#11
Methyl Iodide
Concen: 147.775 ug/l
RT: 2.452 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

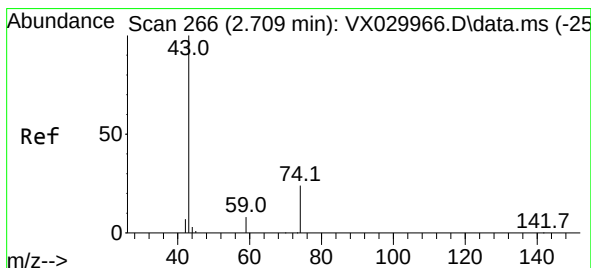
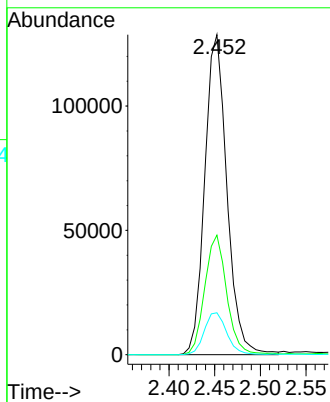
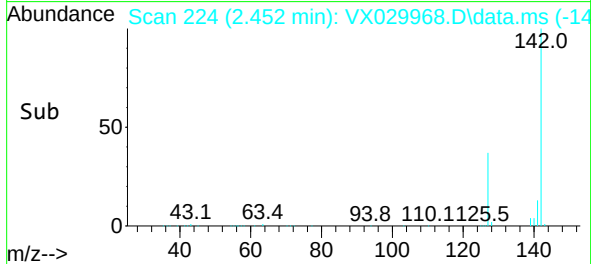
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 216917
Ion Ratio Lower Upper
142 100
127 37.4 22.3 66.9
141 13.1 7.0 20.9

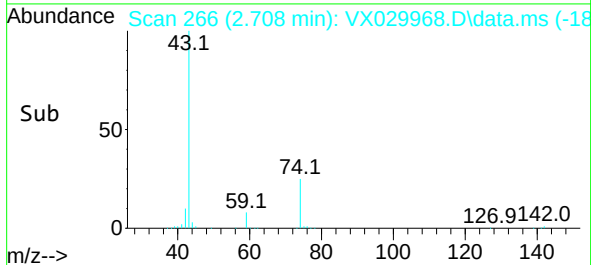
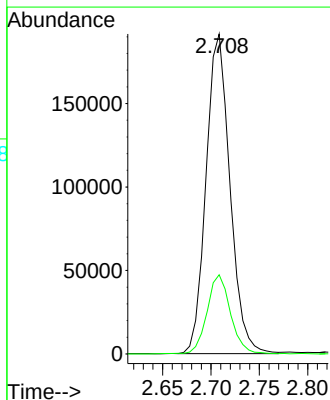
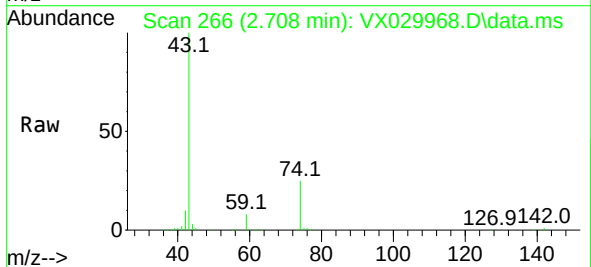
Manual Integrations
APPROVED

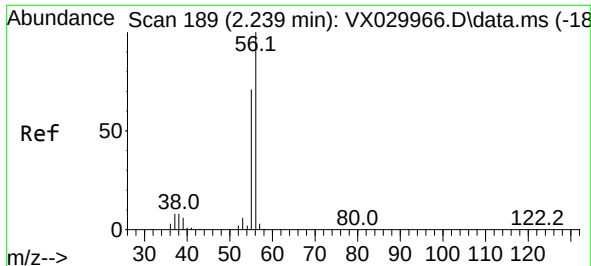
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#12
Methyl Acetate
Concen: 188.795 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

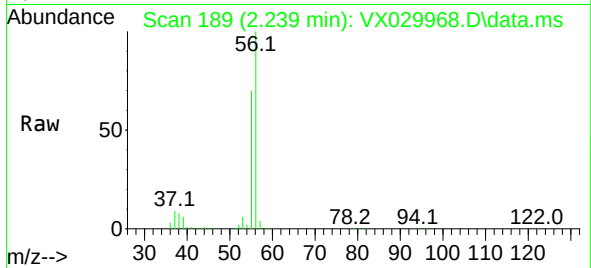
Tgt Ion: 43 Resp: 329401
Ion Ratio Lower Upper
43 100
74 24.7 22.1 33.1





#13
Acrolein
Concen: 561.550 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

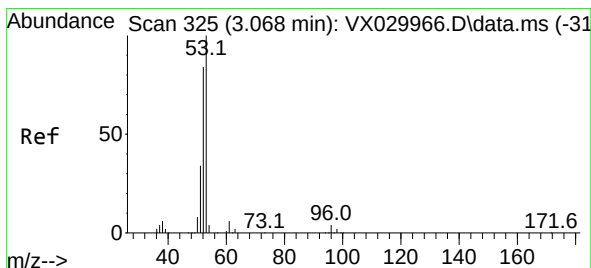
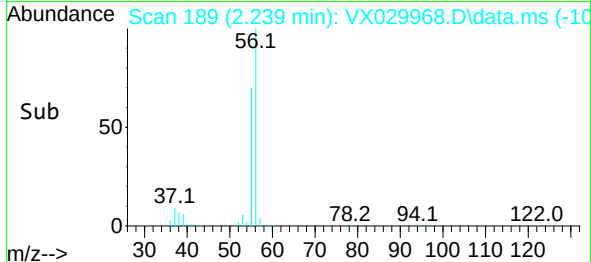
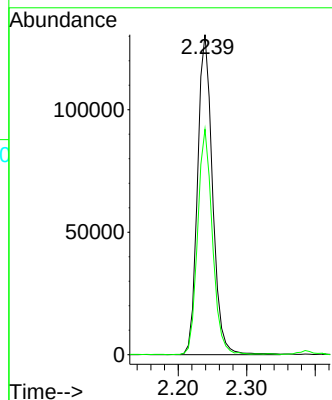
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 198810
Ion Ratio Lower Upper
56 100
55 69.6 56.4 84.6

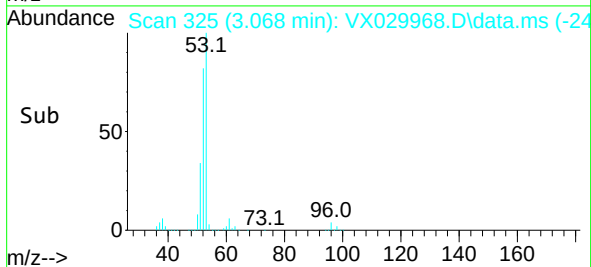
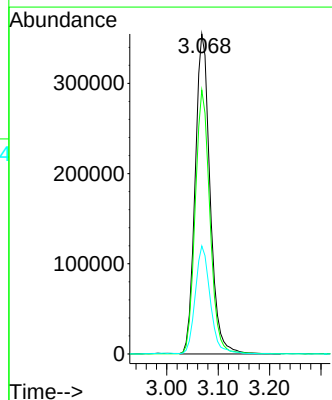
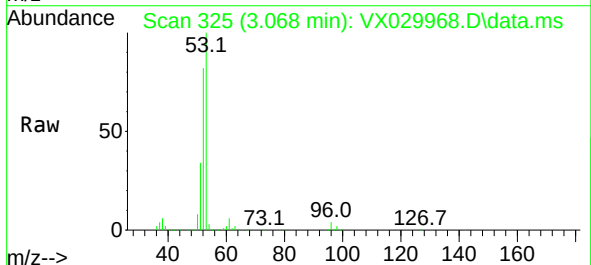
Manual Integrations
APPROVED

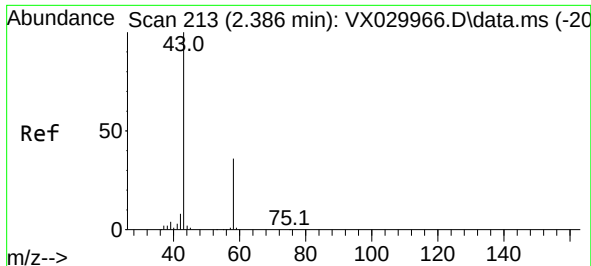
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#14
Acrylonitrile
Concen: 901.651 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

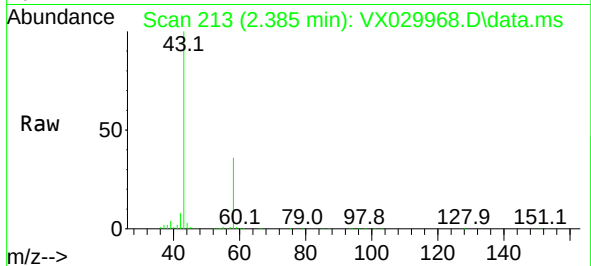
Tgt Ion: 53 Resp: 716205
Ion Ratio Lower Upper
53 100
52 81.3 41.5 124.5
51 33.9 18.1 54.4





#15
Acetone
Concen: 856.532 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

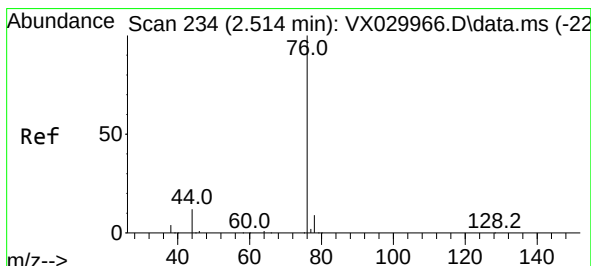
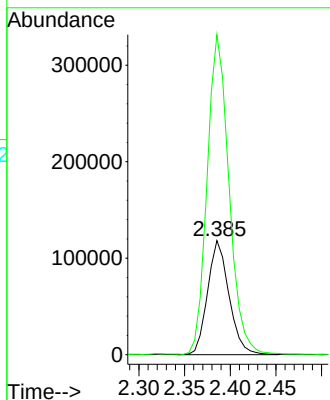
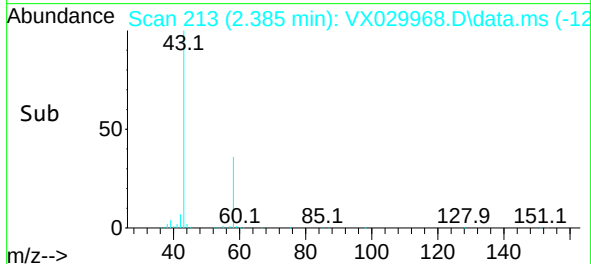
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



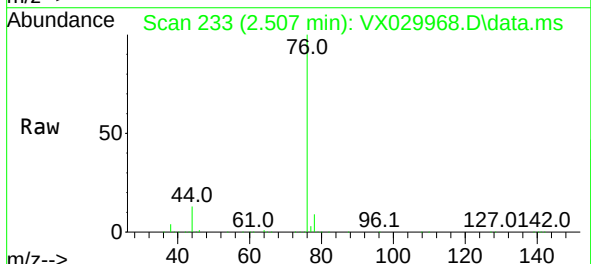
Tgt Ion: 58 Resp: 19269
Ion Ratio Lower Upper
58 100
43 280.1 250.2 375.2

Manual Integrations
APPROVED

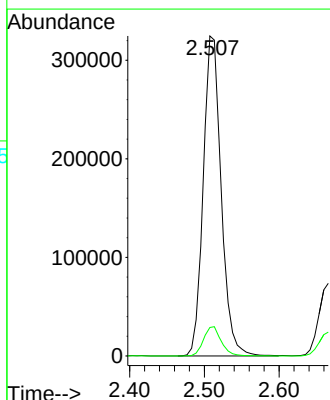
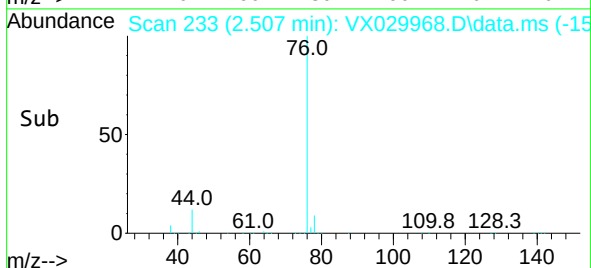
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

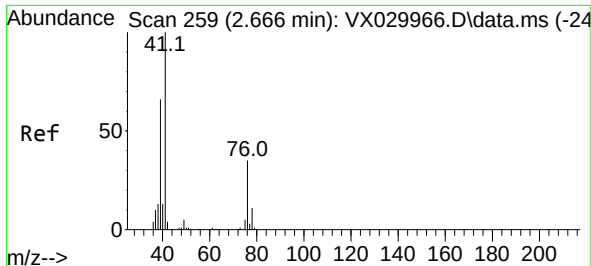


#16
Carbon Disulfide
Concen: 418.680 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57



Tgt Ion: 76 Resp: 540802
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





#17

Allyl chloride

Concen: 222.076 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX029968.D

Acq: 08 Jul 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 364708

Ion Ratio Lower Upper

41 100

39 64.2 35.4 106.1

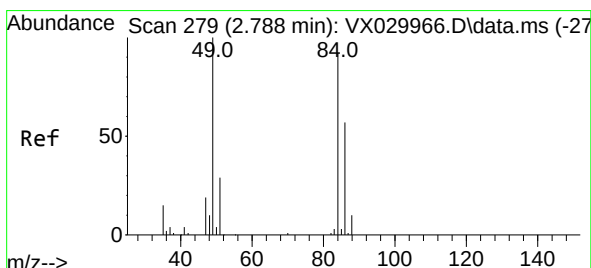
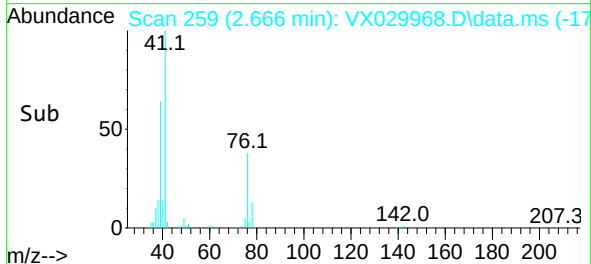
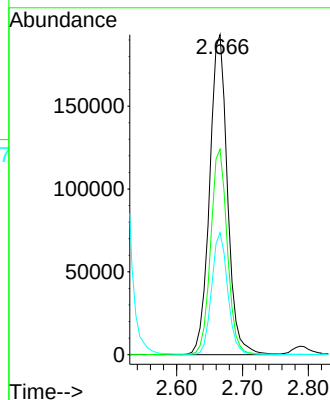
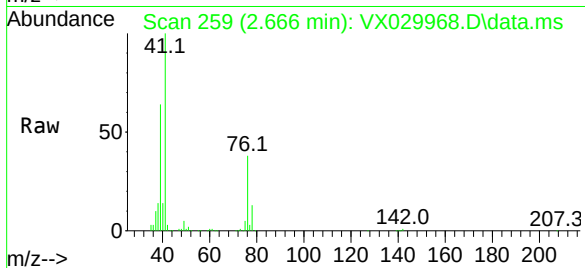
76 38.1 18.4 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#18

Methylene Chloride

Concen: 165.764 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX029968.D

Acq: 08 Jul 2022 12:57

Tgt Ion: 84 Resp: 232771

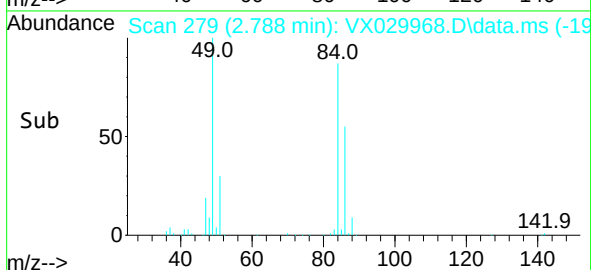
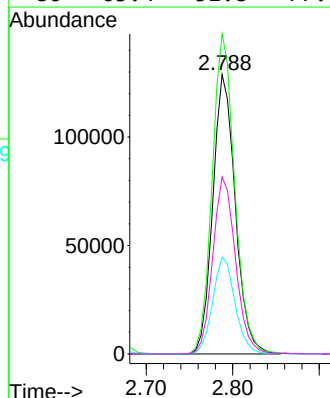
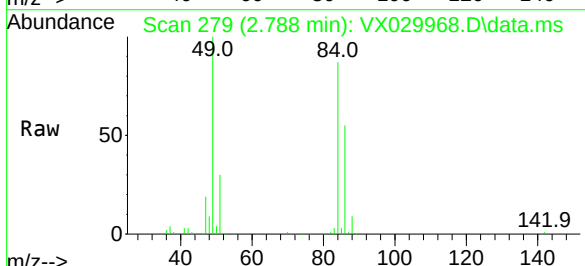
Ion Ratio Lower Upper

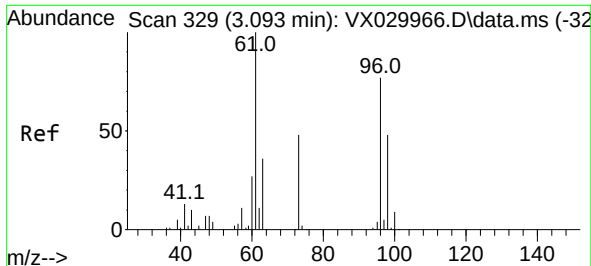
84 100

49 114.5 94.2 141.2

51 34.6 29.2 43.8

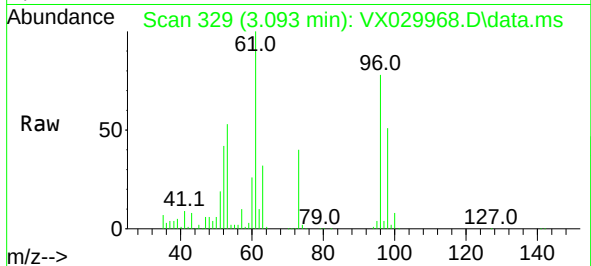
86 63.4 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 182.975 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

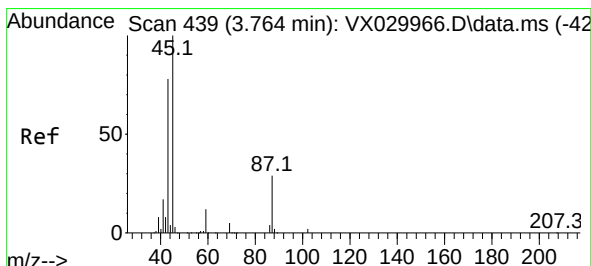
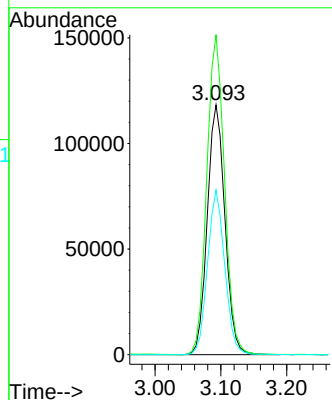
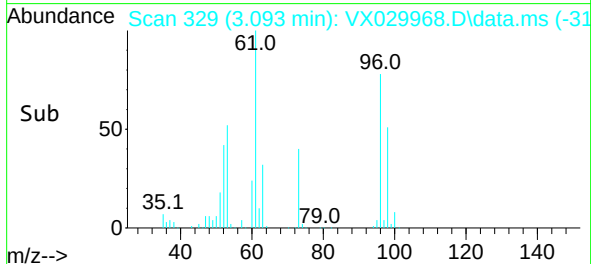
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



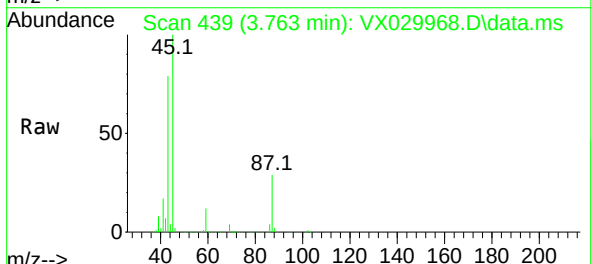
Tgt Ion: 96 Resp: 220920
Ion Ratio Lower Upper
96 100
61 128.1 108.7 163.1
98 65.8 49.2 73.8

Manual Integrations
APPROVED

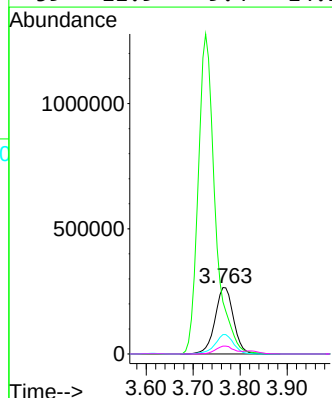
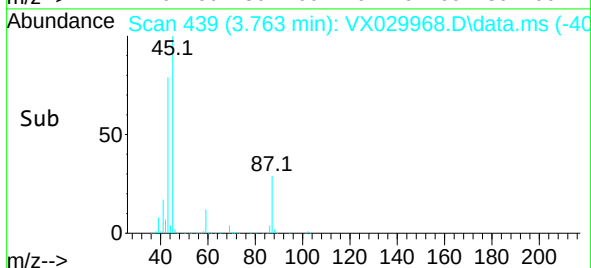
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

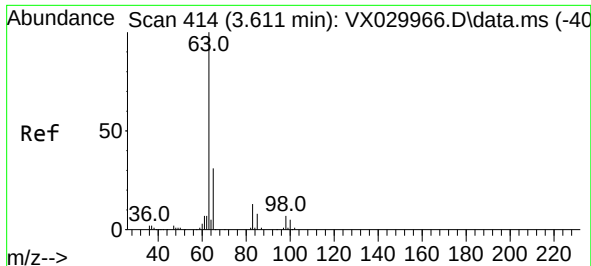


#20
Diisopropyl ether
Concen: 177.022 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57



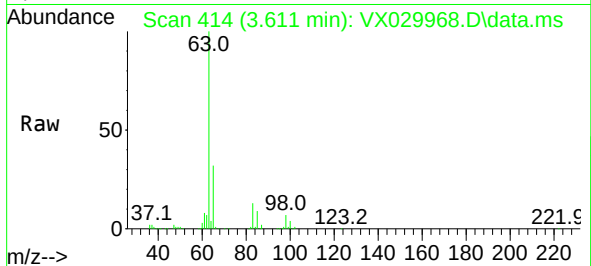
Tgt Ion: 45 Resp: 722576
Ion Ratio Lower Upper
45 100
43 78.4 70.3 105.5
87 29.1 24.5 36.7
59 11.9 9.4 14.2





#21
1,1-Dichloroethane
Concen: 159.828 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

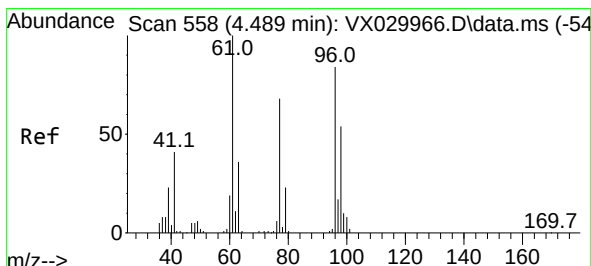
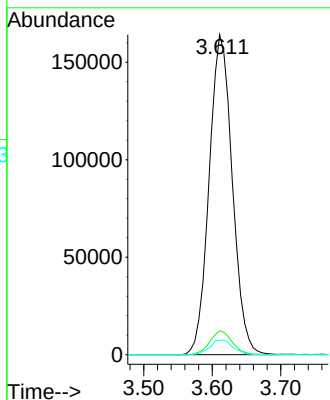
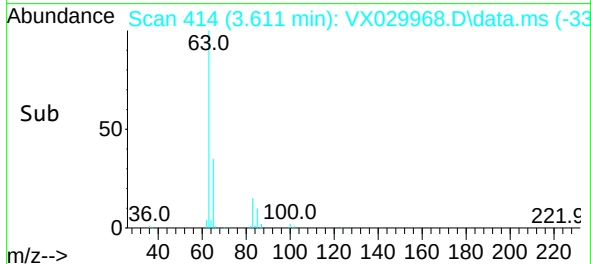
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 38559
Ion Ratio Lower Upper
63 100
98 7.4 3.8 11.2
100 4.4 2.5 7.5

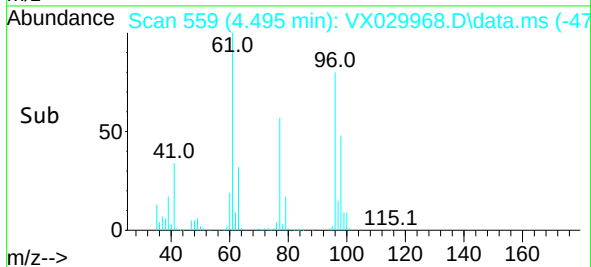
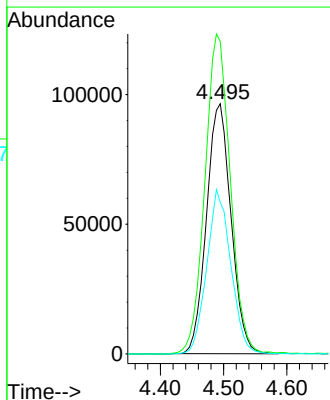
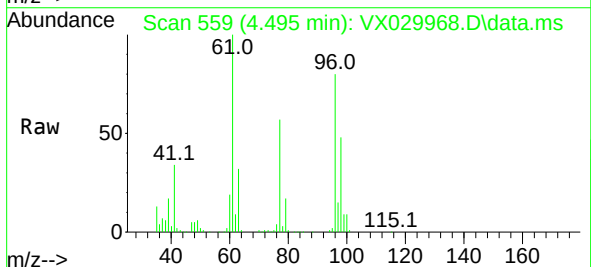
Manual Integrations
APPROVED

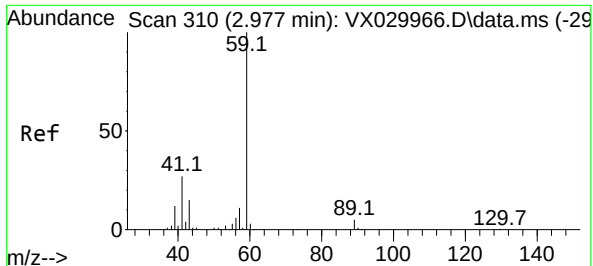
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#22
cis-1,2-Dichloroethene
Concen: 153.404 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Tgt Ion: 96 Resp: 260743
Ion Ratio Lower Upper
96 100
61 131.7 107.4 161.2
98 64.2 51.1 76.7





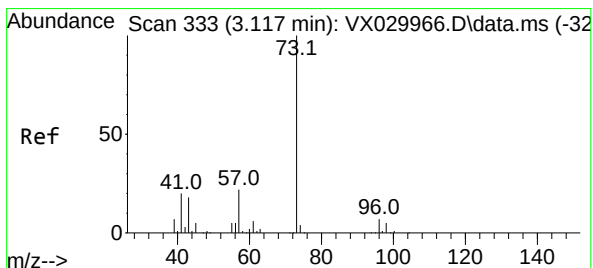
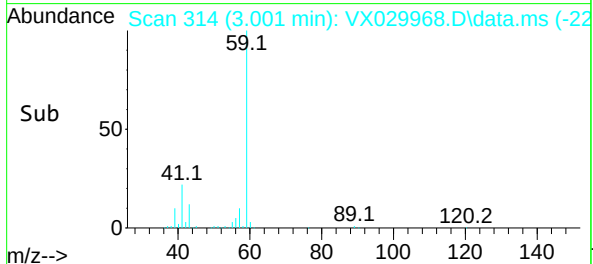
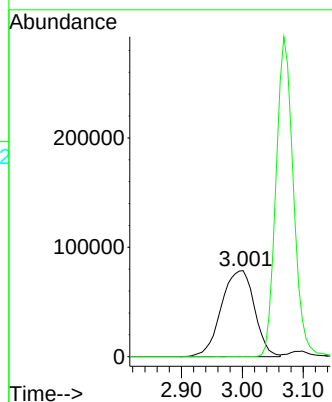
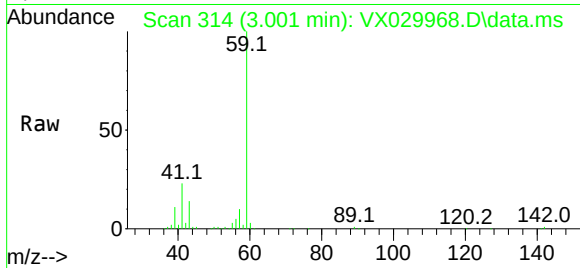
#23
tert-Butyl Alcohol
Concen: 691.876 ug/l
RT: 3.001 min Scan# 310
Delta R.T. 0.048 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 296814
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

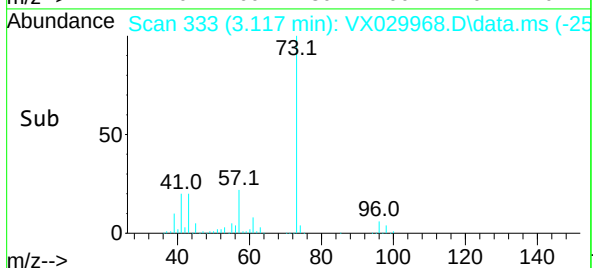
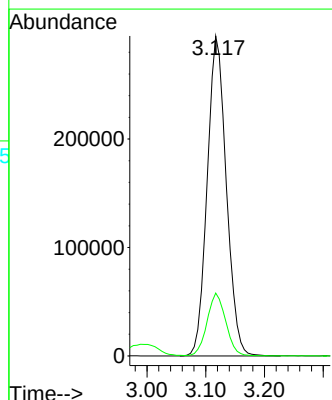
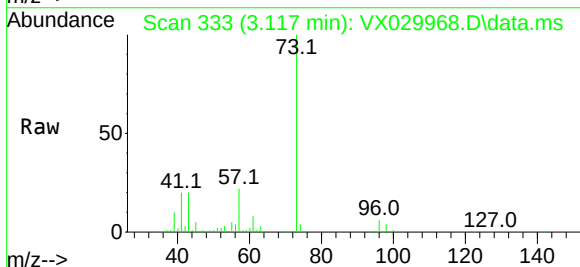
Manual Integrations
APPROVED

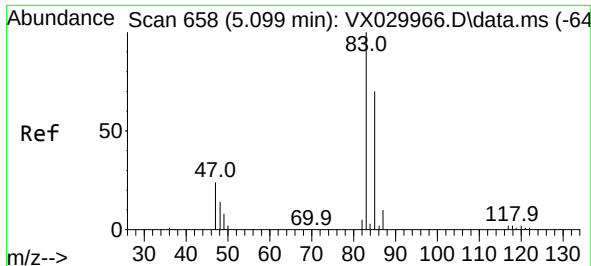
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#24
Methyl tert-Butyl Ether
Concen: 138.734 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Tgt Ion: 73 Resp: 666698
Ion Ratio Lower Upper
73 100
43 19.2 16.0 24.0





#25

Chloroform

Concen: 136.398 ug/l

RT: 5.098 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX029968.D

Acq: 08 Jul 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 386674

Ion Ratio Lower Upper

83 100

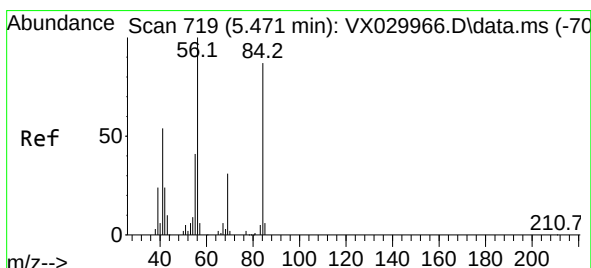
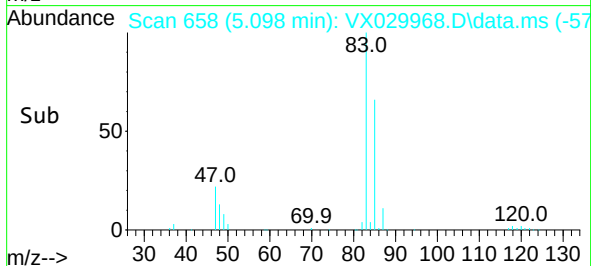
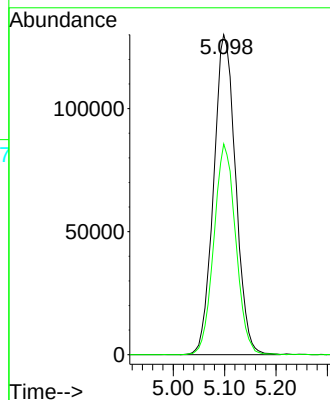
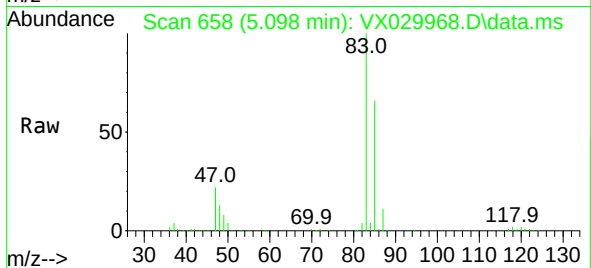
85 65.8 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#26

Cyclohexane

Concen: 237.899 ug/l

RT: 5.476 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX029968.D

Acq: 08 Jul 2022 12:57

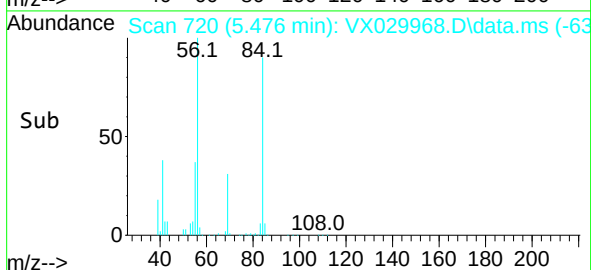
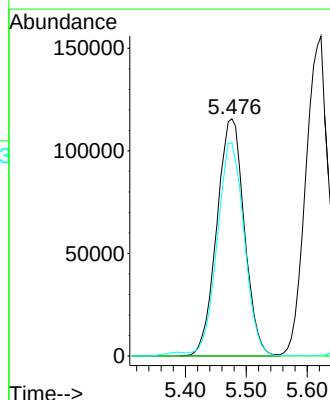
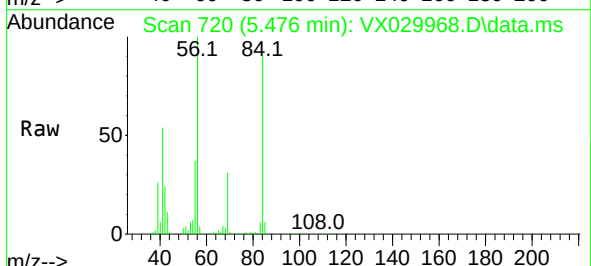
Tgt Ion: 56 Resp: 362866

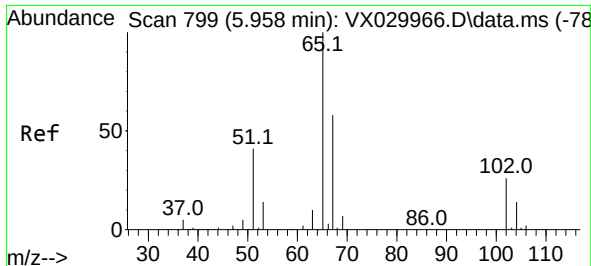
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

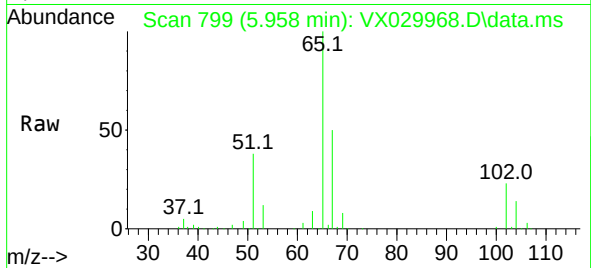
84 88.4 76.2 114.2





#27
1,2-Dichloroethane-d4
Concen: 39.947 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

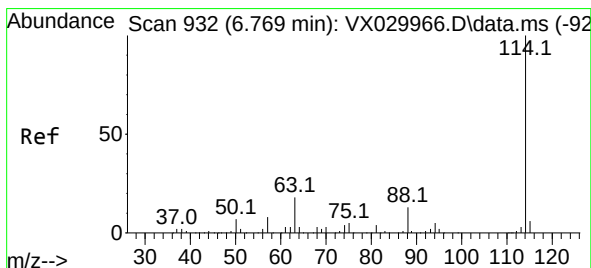
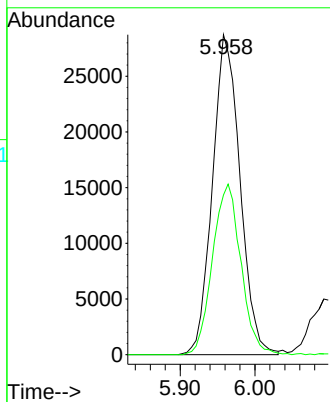
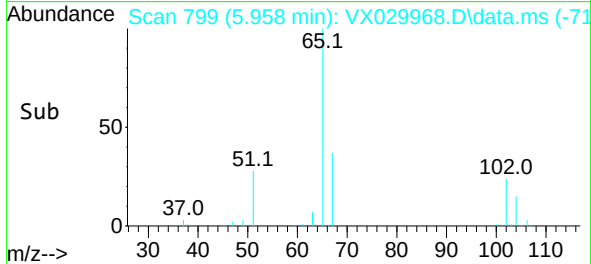
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



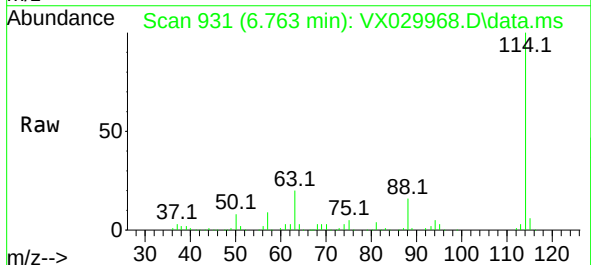
Tgt Ion: 65 Resp: 73649
Ion Ratio Lower Upper
65 100
67 54.9 42.3 63.5

Manual Integrations
APPROVED

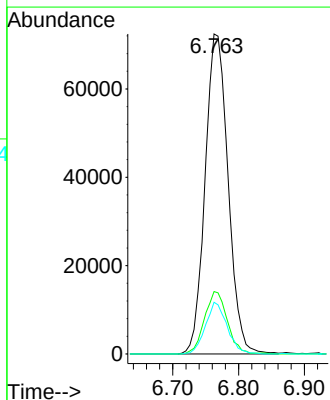
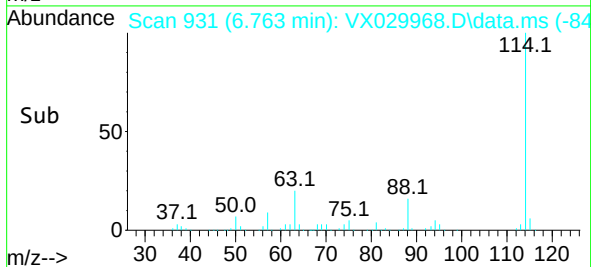
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

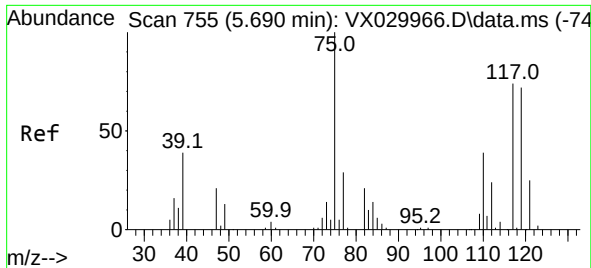


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57



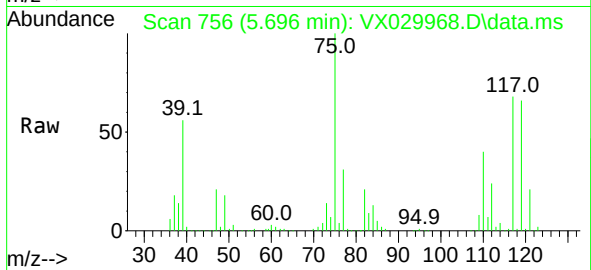
Tgt Ion:114 Resp: 176445
Ion Ratio Lower Upper
114 100
63 19.2 15.3 22.9
88 15.3 12.2 18.4





#29
1,1-Dichloropropene
Concen: 157.018 ug/l
RT: 5.696 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

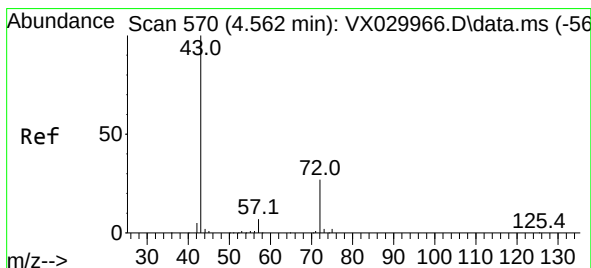
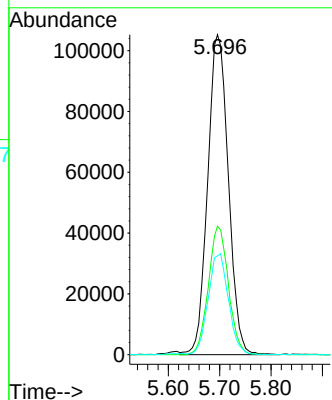
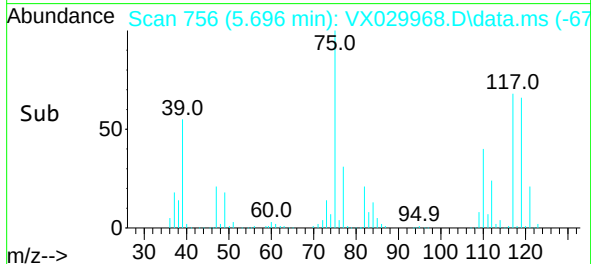


Tgt Ion: 75 Resp: 29467

Ion	Ratio	Lower	Upper
75	100		
110	38.9	0.0	73.6
77	31.1	0.0	62.2

Manual Integrations
APPROVED

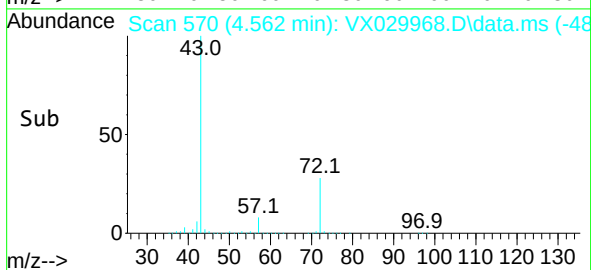
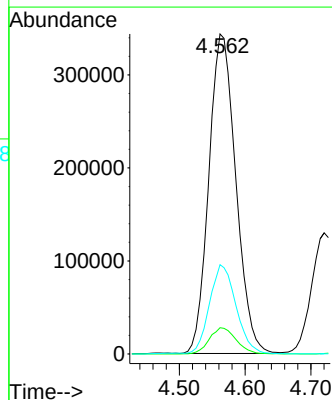
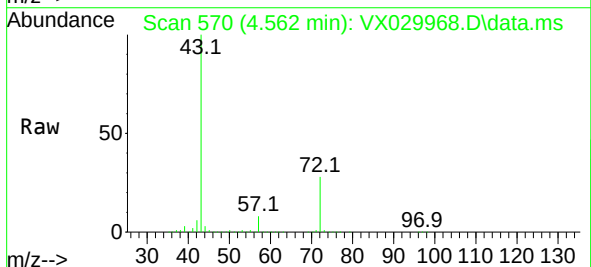
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

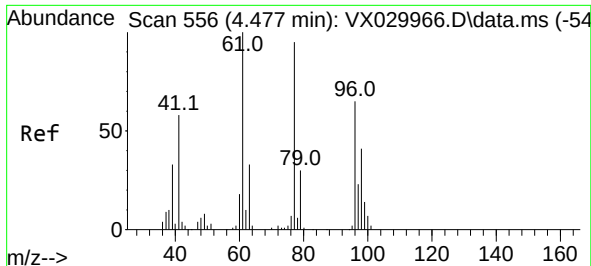


#30
2-Butanone
Concen: 829.170 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Tgt Ion: 43 Resp: 980761

Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.6	10.0
72	27.5	22.1	33.1





#31

2,2-Dichloropropane

Concen: 122.920 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX029968.D

Acq: 08 Jul 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 283320

Ion Ratio Lower Upper

77 100

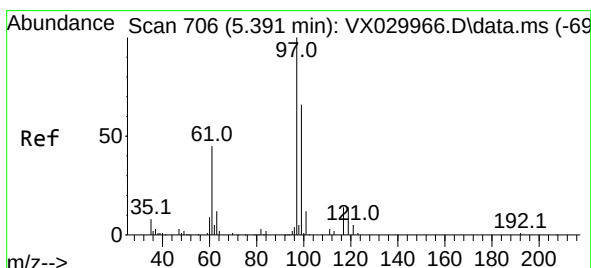
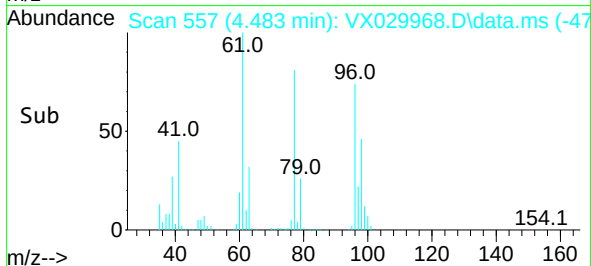
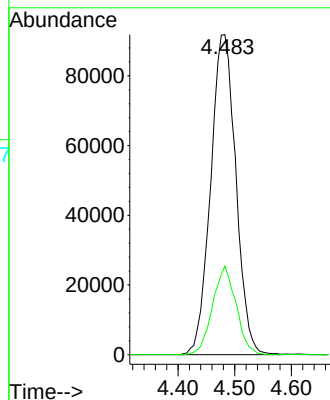
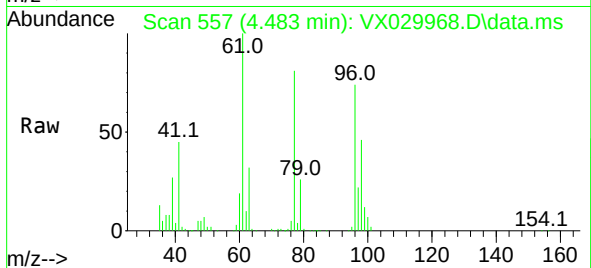
97 25.8 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#32

1,1,1-Trichloroethane

Concen: 119.259 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX029968.D

Acq: 08 Jul 2022 12:57

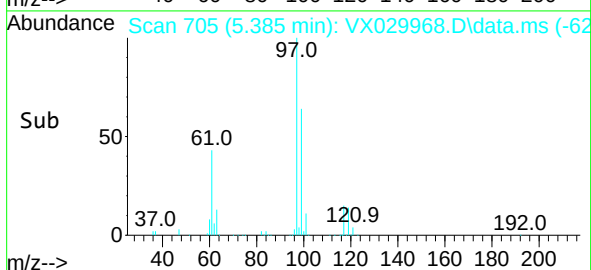
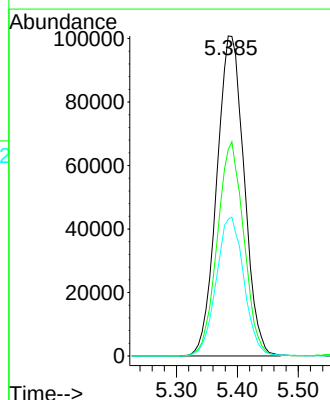
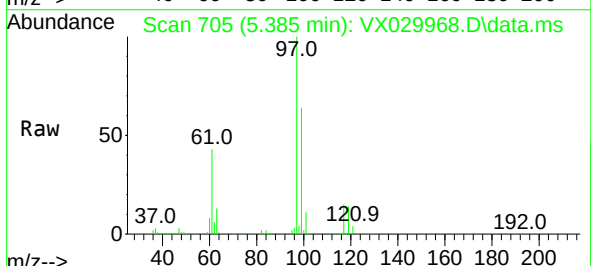
Tgt Ion: 97 Resp: 314700

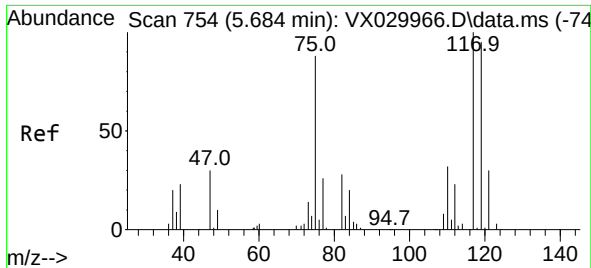
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

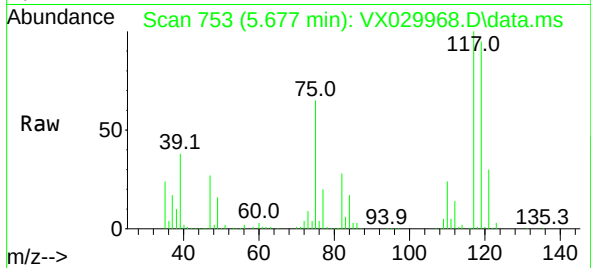
61 43.7 33.4 50.0





#33
Carbon Tetrachloride
Concen: 119.956 ug/l
RT: 5.677 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

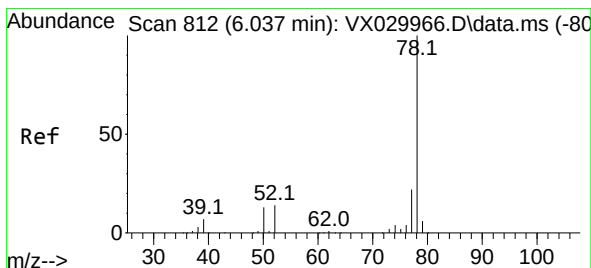
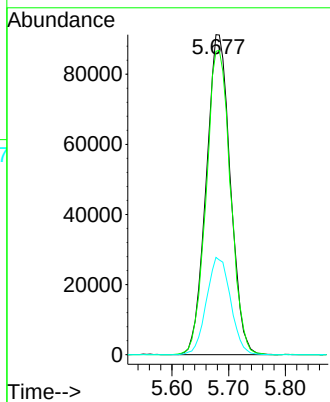
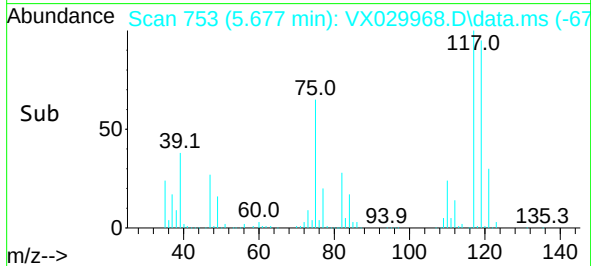
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 269359
Ion Ratio Lower Upper
117 100
119 94.8 75.3 112.9
121 30.4 24.1 36.1

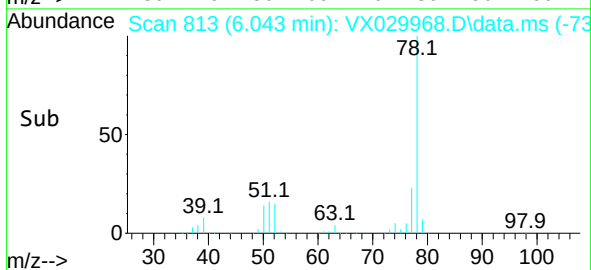
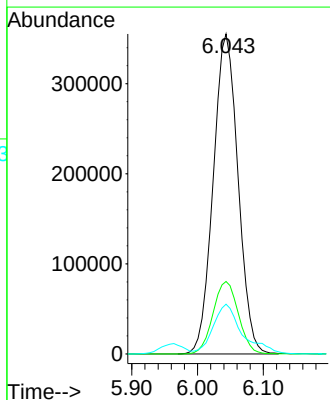
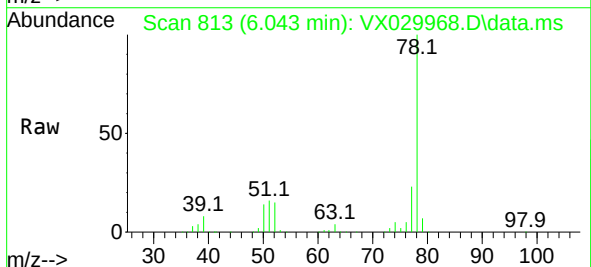
Manual Integrations
APPROVED

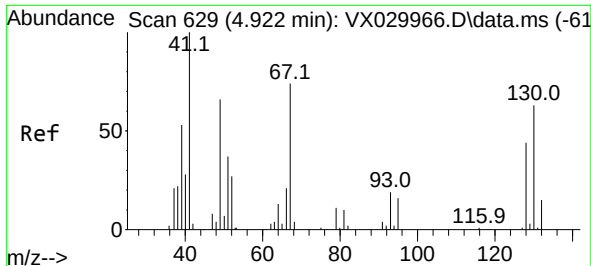
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#34
Benzene
Concen: 155.889 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

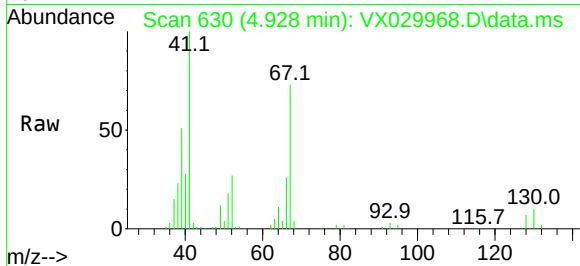
Tgt Ion: 78 Resp: 931826
Ion Ratio Lower Upper
78 100
77 22.7 18.5 27.7
51 14.9 12.9 19.3





#35
Methacrylonitrile
Concen: 169.417 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

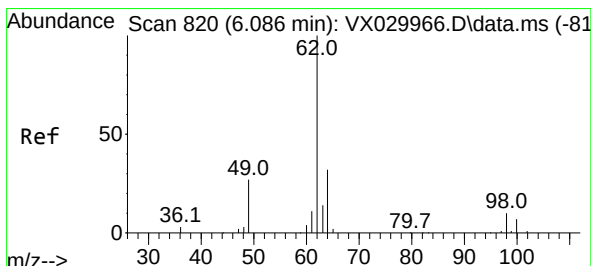
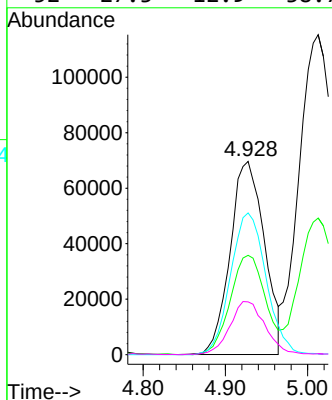
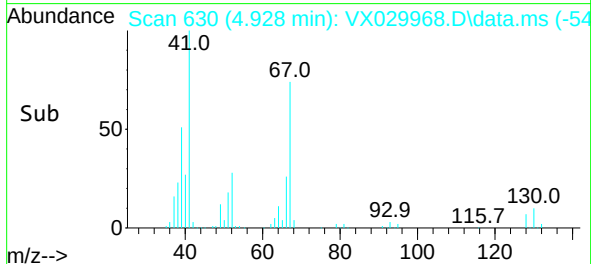
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 201824
Ion Ratio Lower Upper
41 100
39 51.3 27.0 81.0
67 73.3 33.3 99.8
52 27.3 12.9 38.7

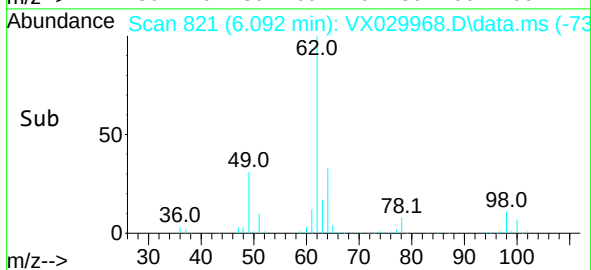
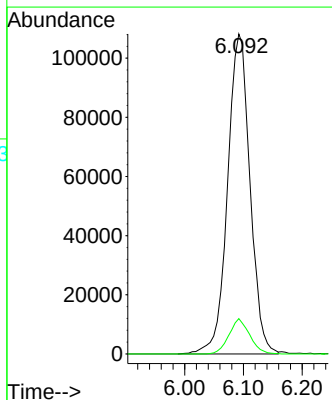
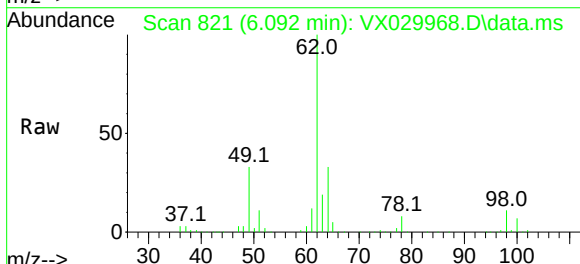
Manual Integrations
APPROVED

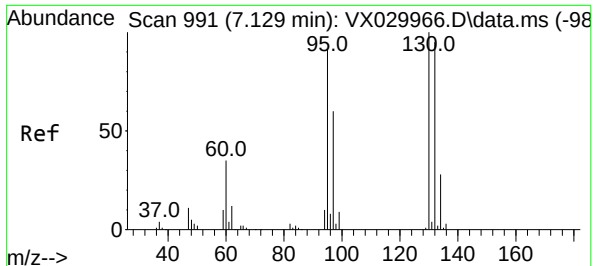
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#36
1,2-Dichloroethane
Concen: 128.754 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Tgt Ion: 62 Resp: 286818
Ion Ratio Lower Upper
62 100
98 10.2 7.4 11.0





#37

Trichloroethene

Concen: 135.552 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029968.D

Acq: 08 Jul 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:130 Resp: 248189

Ion Ratio Lower Upper

130 100

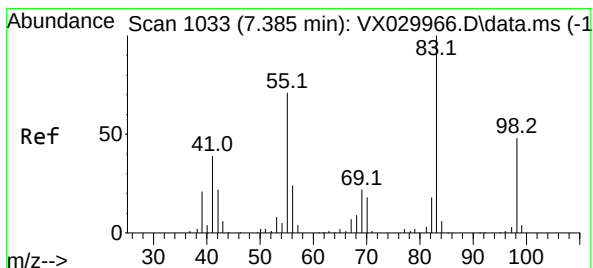
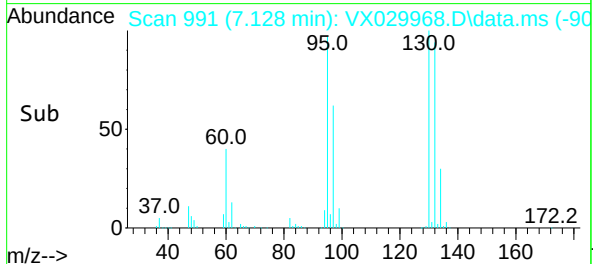
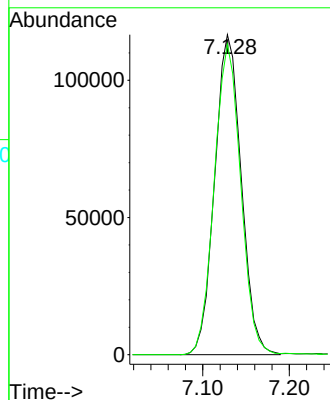
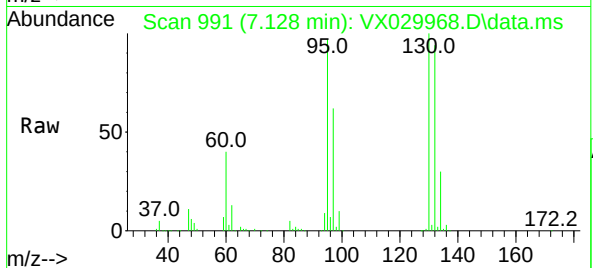
95 97.0 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#38

Methylcyclohexane

Concen: 199.172 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029968.D

Acq: 08 Jul 2022 12:57

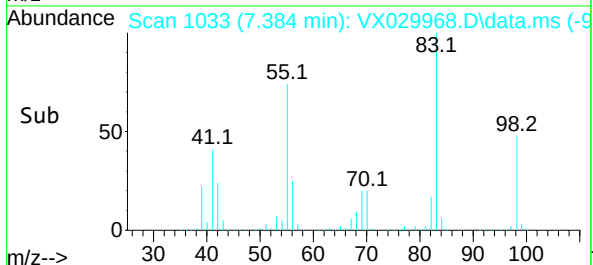
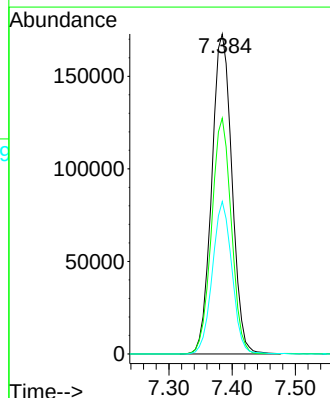
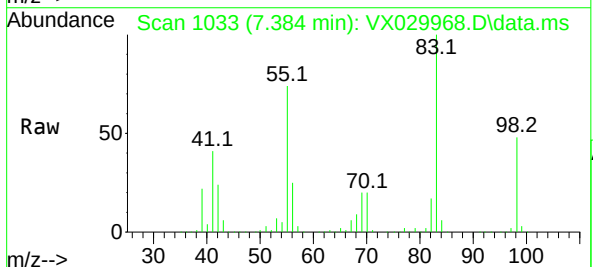
Tgt Ion: 83 Resp: 382809

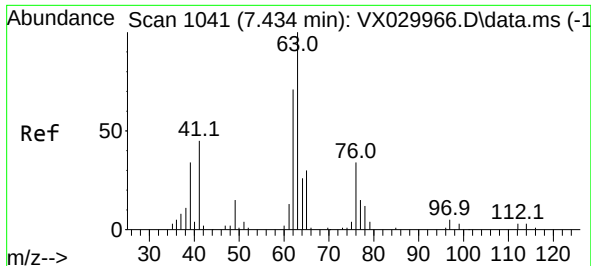
Ion Ratio Lower Upper

83 100

55 72.0 37.0 110.9

98 46.2 25.9 77.8





#39

1,2-Dichloropropane

Concen: 152.393 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX029968.D

Acq: 08 Jul 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 239450

Ion Ratio Lower Upper

63 100

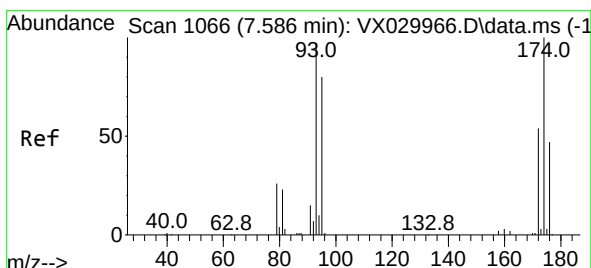
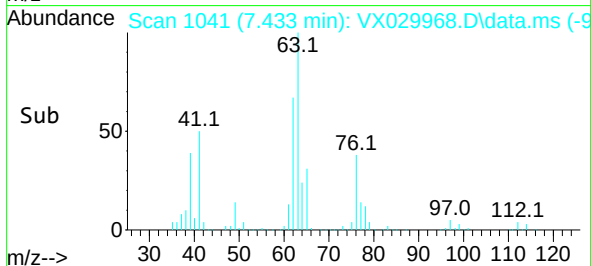
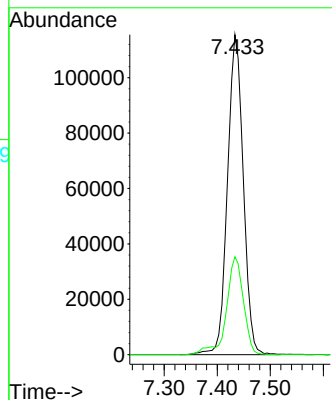
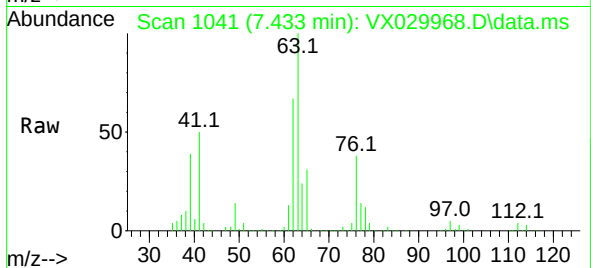
65 30.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#40

Dibromomethane

Concen: 132.582 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX029968.D

Acq: 08 Jul 2022 12:57

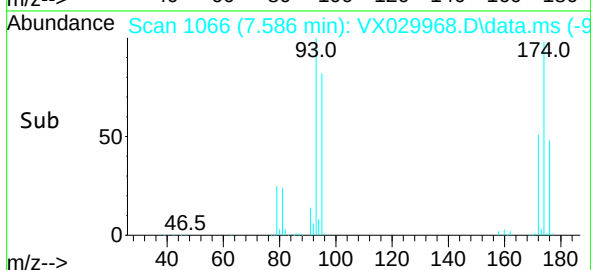
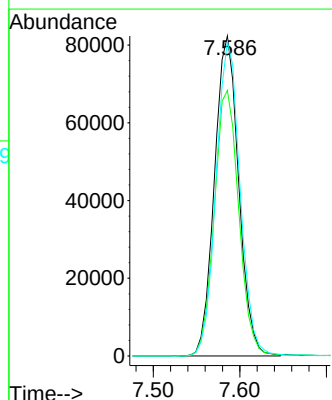
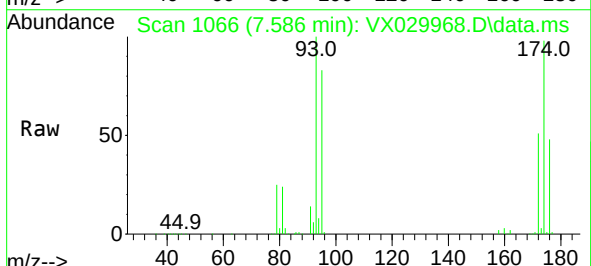
Tgt Ion: 93 Resp: 159787

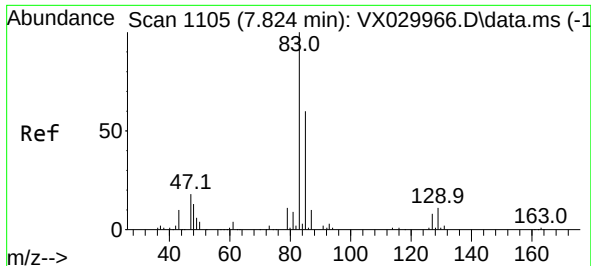
Ion Ratio Lower Upper

93 100

95 84.2 0.0 168.8

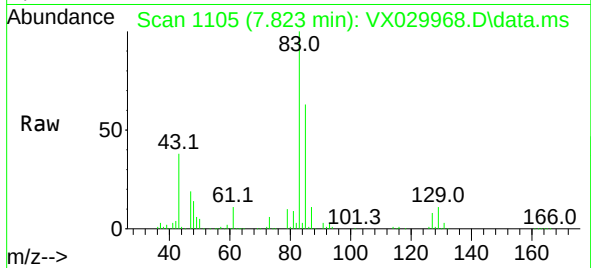
174 97.5 0.0 220.8





#41
Bromodichloromethane
Concen: 128.220 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

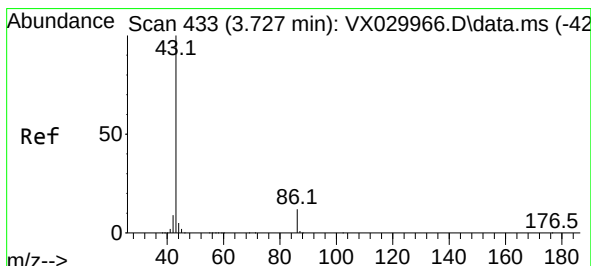
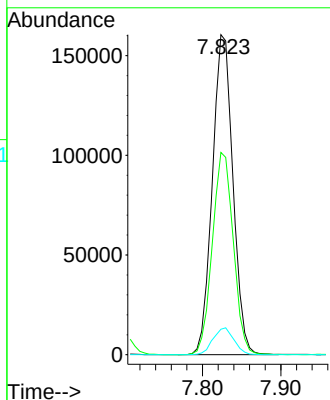
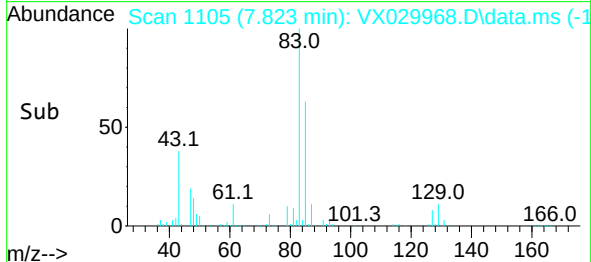
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 293249
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 7.9 7.0 10.6

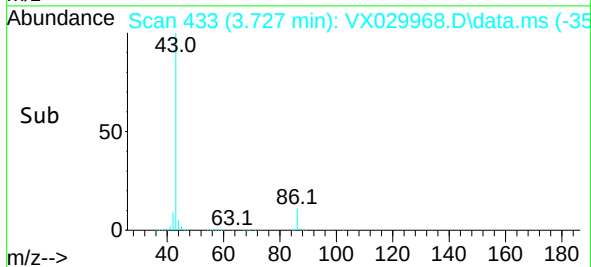
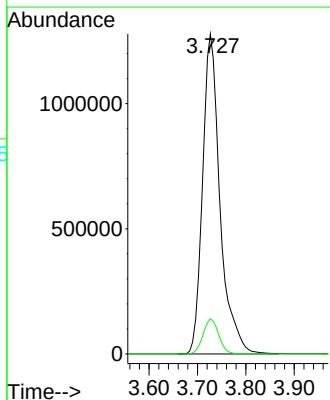
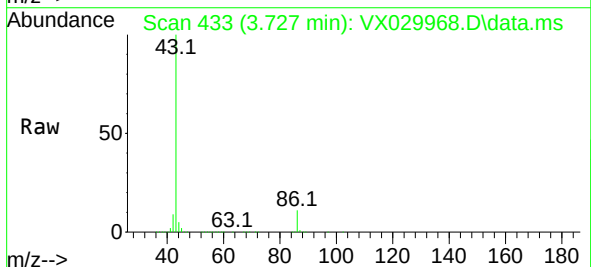
Manual Integrations
APPROVED

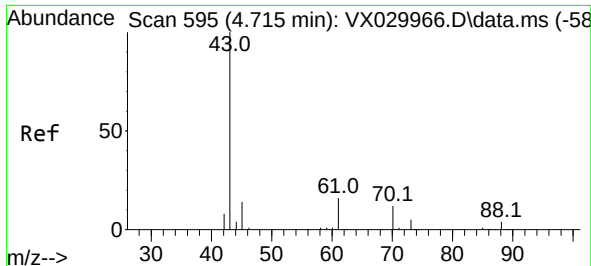
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#42
Vinyl Acetate
Concen: 873.997 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Tgt Ion: 43 Resp: 3203850
Ion Ratio Lower Upper
43 100
86 9.8 8.5 12.7





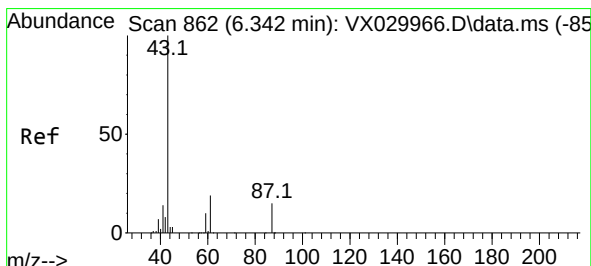
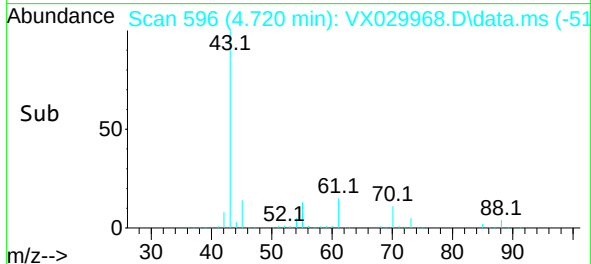
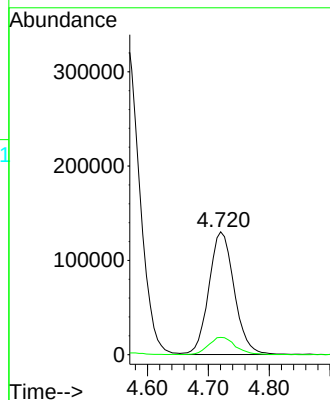
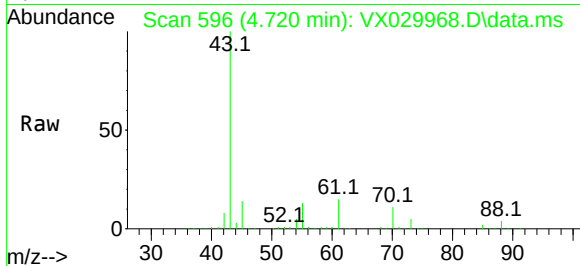
#43
Ethyl Acetate
Concen: 169.641 ug/l
RT: 4.720 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 375494
Ion Ratio Lower Upper
43 100
45 15.0 11.8 17.6

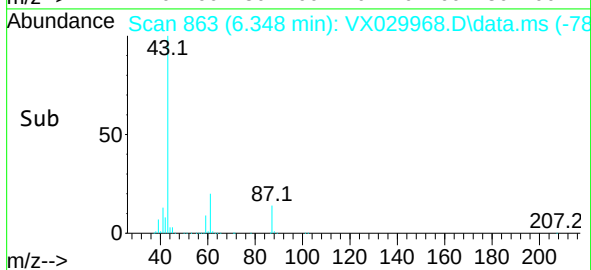
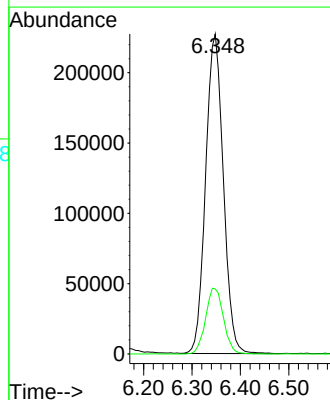
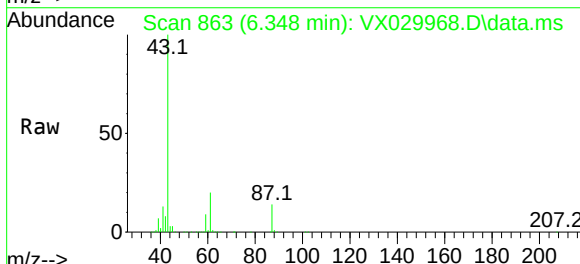
Manual Integrations
APPROVED

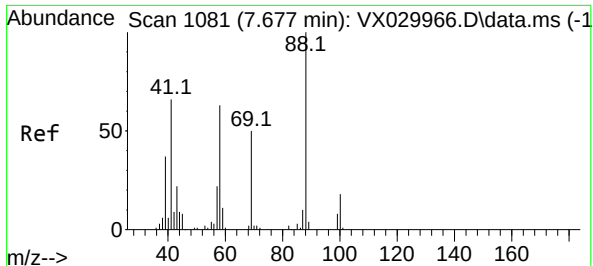
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#44
Isopropyl Acetate
Concen: 161.758 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

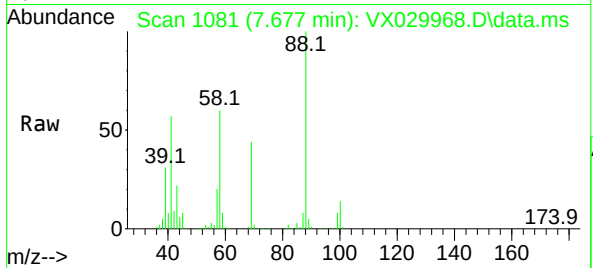
Tgt Ion: 43 Resp: 577286
Ion Ratio Lower Upper
43 100
61 20.8 17.0 25.4





#45
1,4-Dioxane
Concen: 2874.346 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

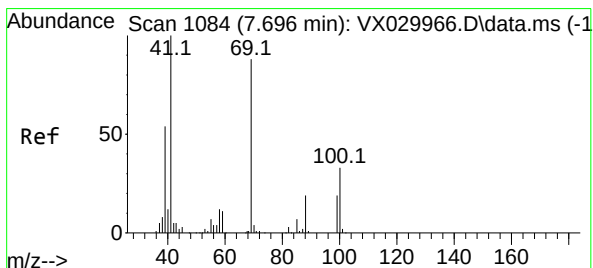
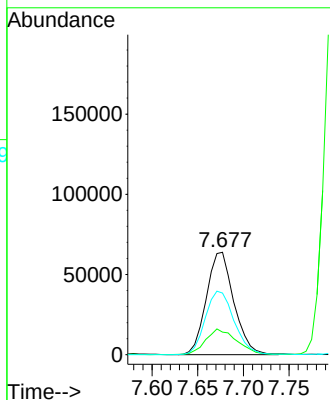
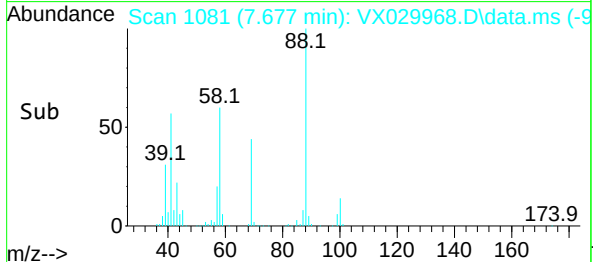
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 88 Resp: 133580
Ion Ratio Lower Upper
88 100
43 28.0 25.8 38.6
58 65.1 54.8 82.2

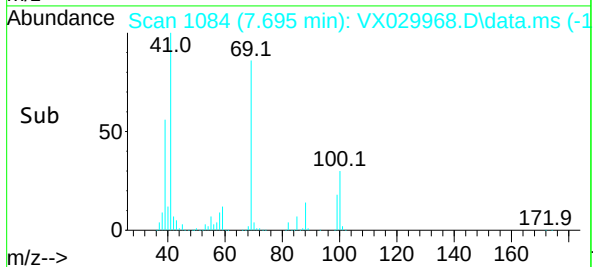
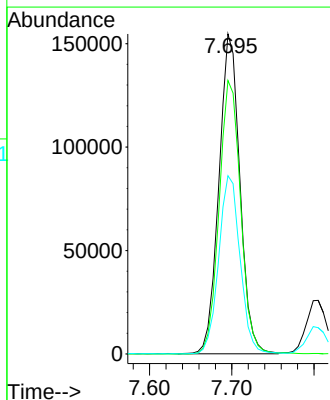
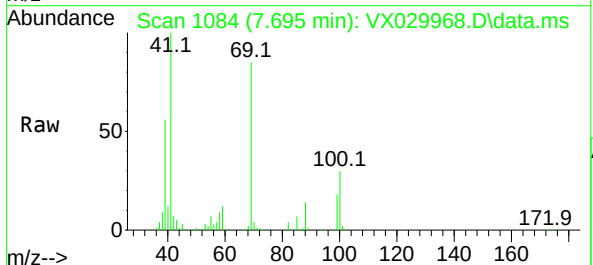
Manual Integrations
APPROVED

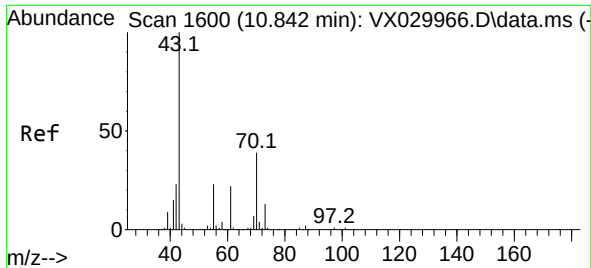
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#46
Methyl methacrylate
Concen: 167.791 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

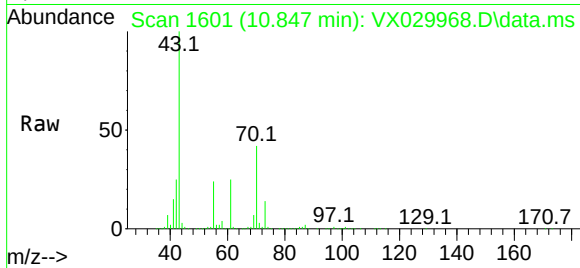
Tgt Ion: 41 Resp: 273670
Ion Ratio Lower Upper
41 100
69 85.5 41.9 125.8
39 55.7 27.5 82.5





#47
n-amy1 Acetate
Concen: 166.480 ug/l
RT: 10.847 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

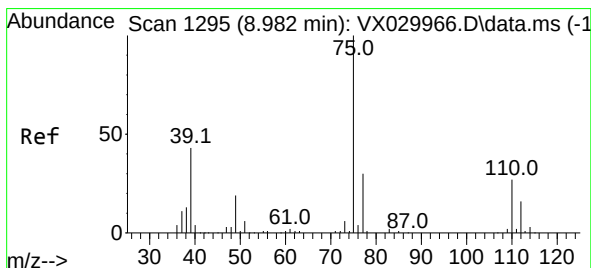
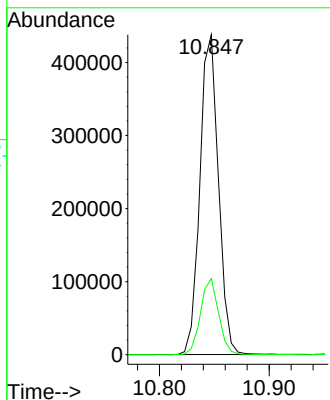
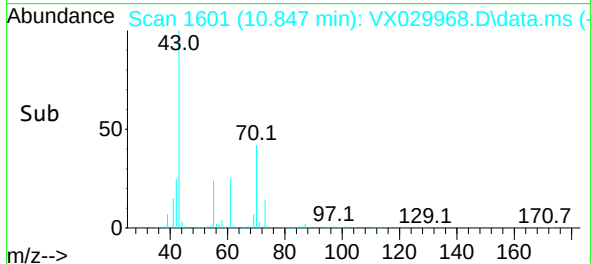
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 514390
Ion Ratio Lower Upper
43 100
55 23.1 20.4 30.6

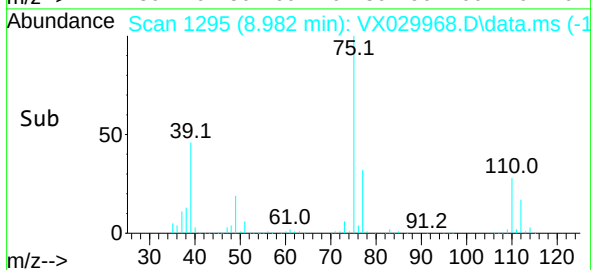
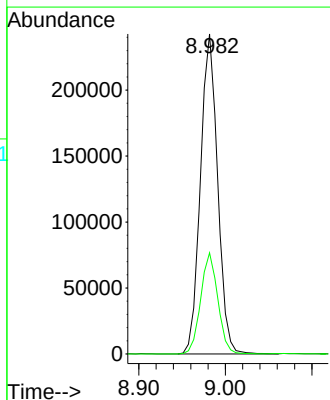
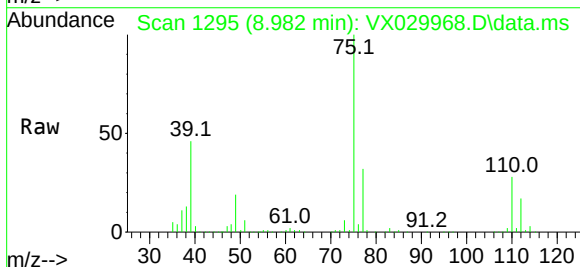
Manual Integrations
APPROVED

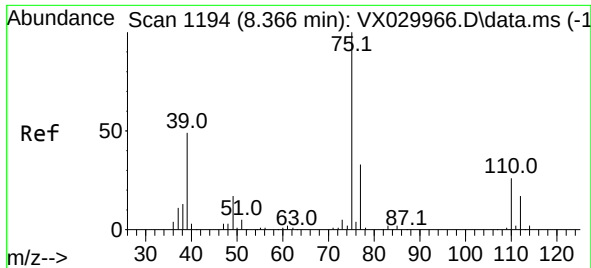
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#48
t-1,3-Dichloropropene
Concen: 139.295 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Tgt Ion: 75 Resp: 334600
Ion Ratio Lower Upper
75 100
77 31.6 26.6 40.0





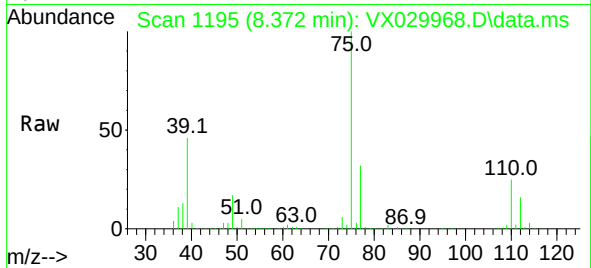
#49
 cis-1,3-Dichloropropene
 Concen: 142.514 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX029968.D
 Acq: 08 Jul 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

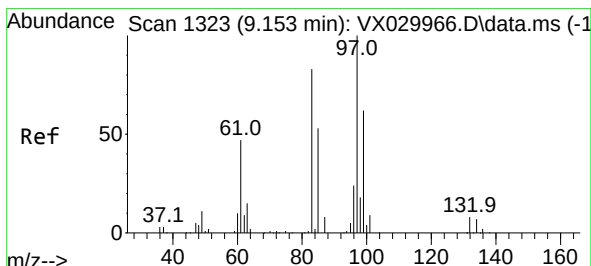
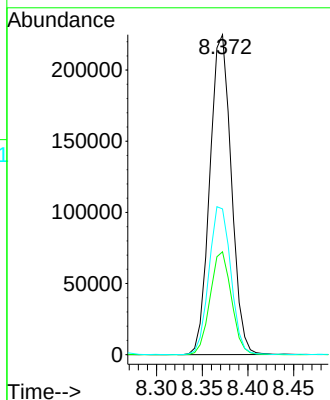
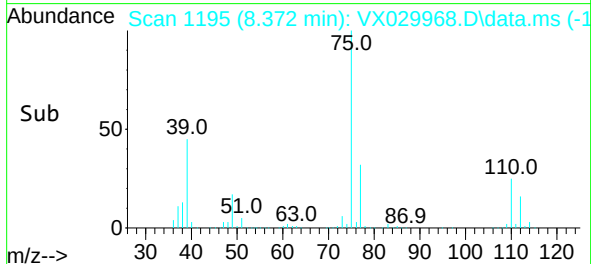


Tgt Ion: 75 Resp: 367839
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 45.5 37.4 56.0

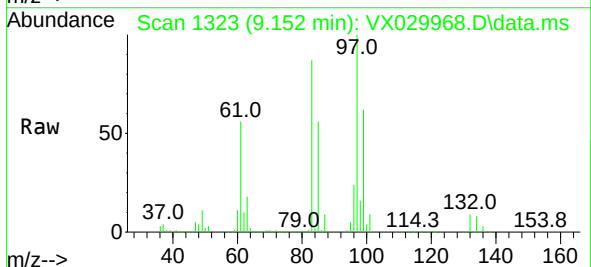
Manual Integrations

APPROVED

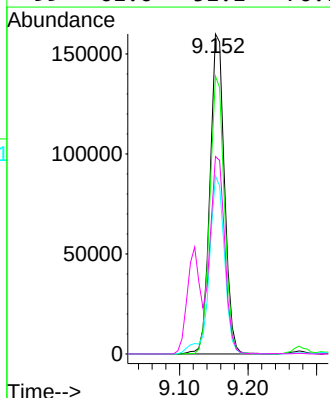
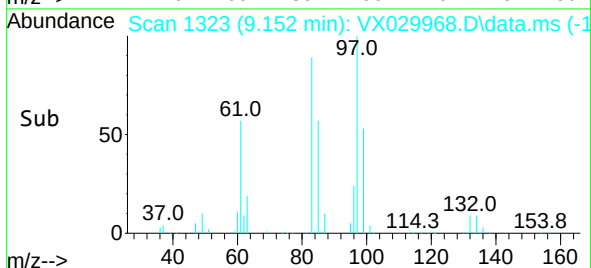
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

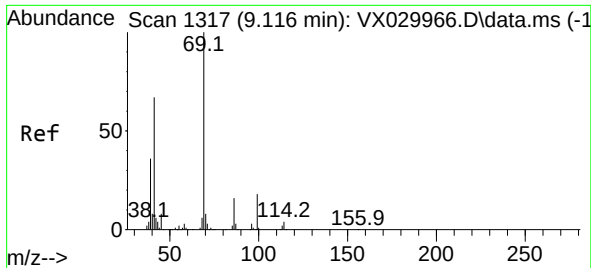


#50
 1,1,2-Trichloroethane
 Concen: 124.299 ug/l
 RT: 9.152 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX029968.D
 Acq: 08 Jul 2022 12:57



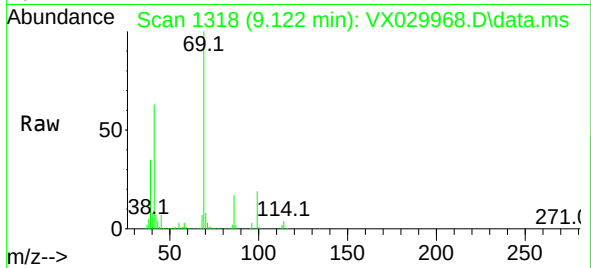
Tgt Ion: 97 Resp: 235572
 Ion Ratio Lower Upper
 97 100
 83 86.8 66.2 99.4
 85 55.6 40.4 60.6
 99 61.6 51.1 76.7





#51
Ethyl methacrylate
Concen: 140.708 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

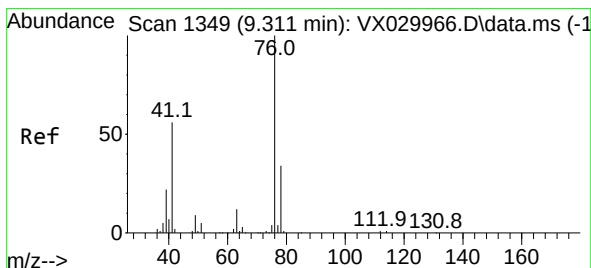
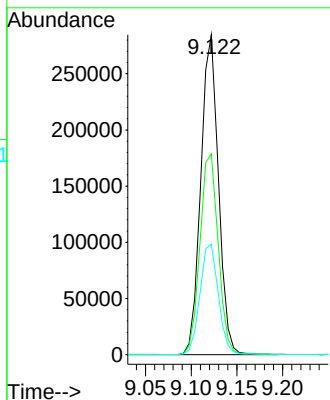
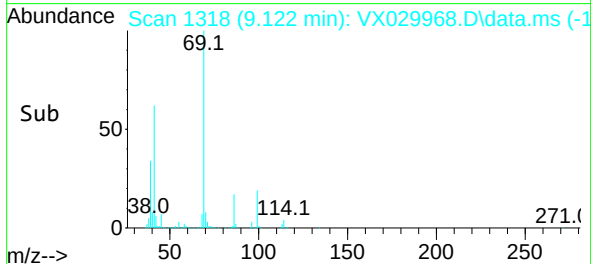
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



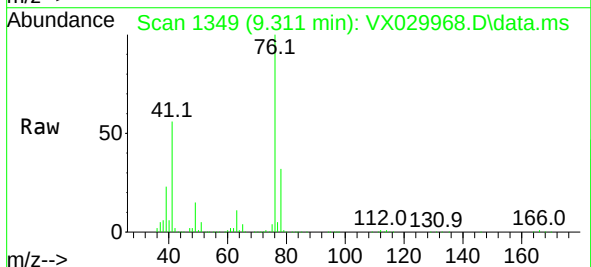
Tgt Ion: 69 Resp: 38159
Ion Ratio Lower Upper
69 100
41 62.7 32.1 96.5
39 34.4 18.3 54.9

Manual Integrations
APPROVED

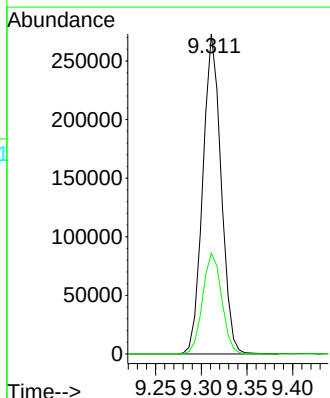
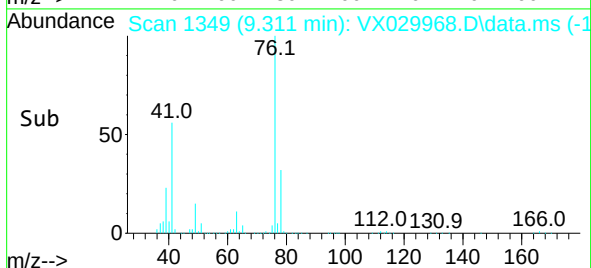
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

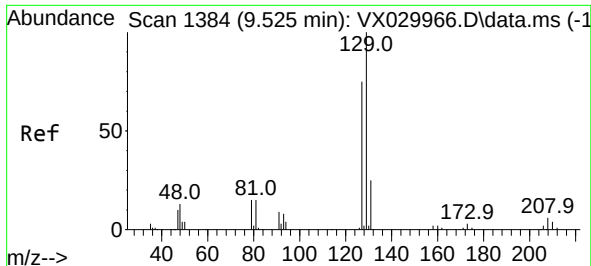


#52
1,3-Dichloropropane
Concen: 128.197 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57



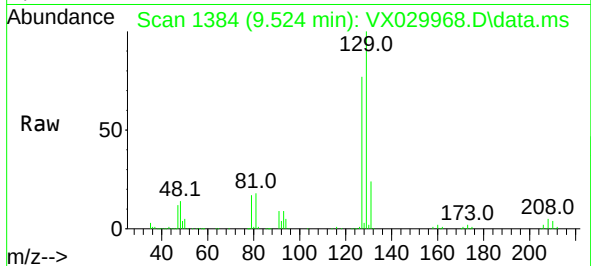
Tgt Ion: 76 Resp: 380103
Ion Ratio Lower Upper
76 100
78 32.8 0.0 64.4





#53
Dibromochloromethane
Concen: 117.705 ug/l
RT: 9.524 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

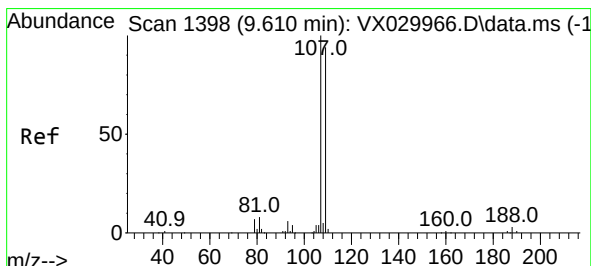
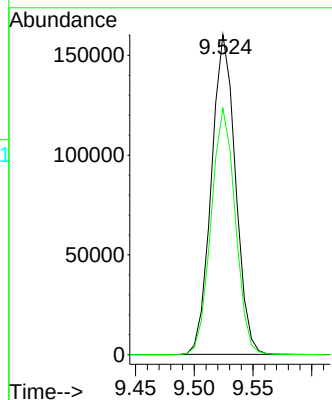
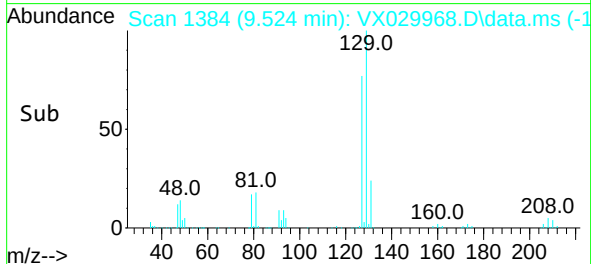
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



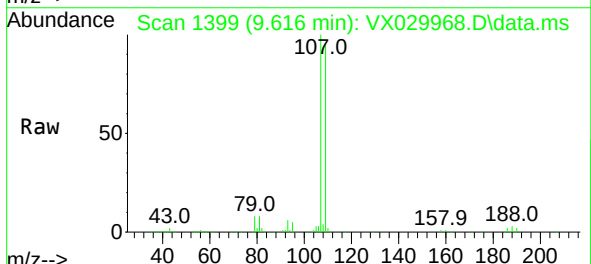
Tgt Ion:129 Resp: 228224
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1

Manual Integrations
APPROVED

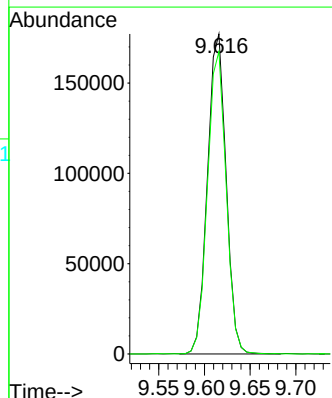
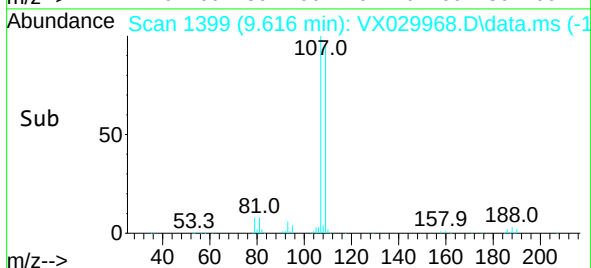
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

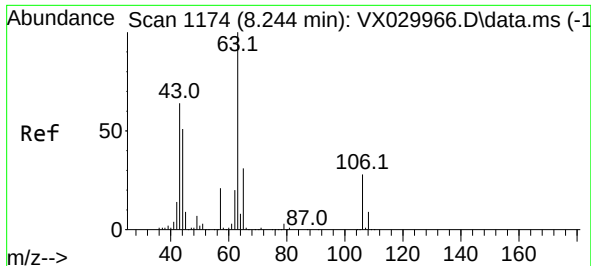


#54
1,2-Dibromoethane
Concen: 126.930 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57



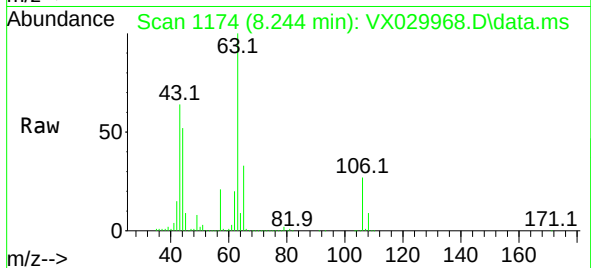
Tgt Ion:107 Resp: 250253
Ion Ratio Lower Upper
107 100
109 94.6 76.2 114.4





#55
2-Chloroethyl vinyl ether
Concen: 685.152 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

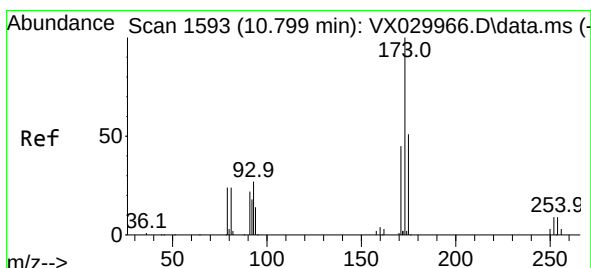
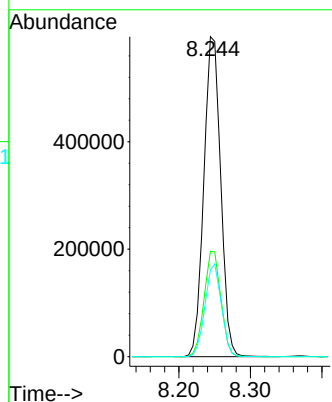
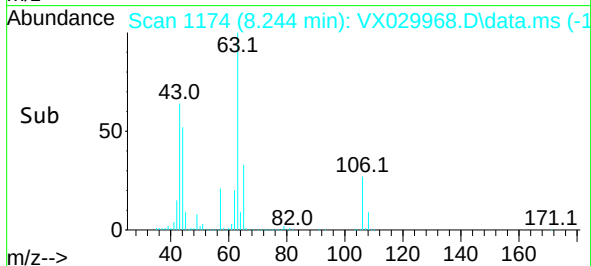
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 975536
Ion Ratio Lower Upper
63 100
65 32.9 25.9 38.9
106 28.2 25.8 38.6

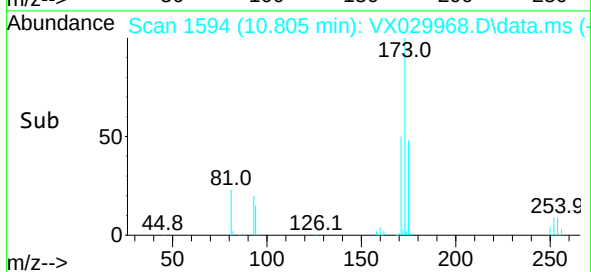
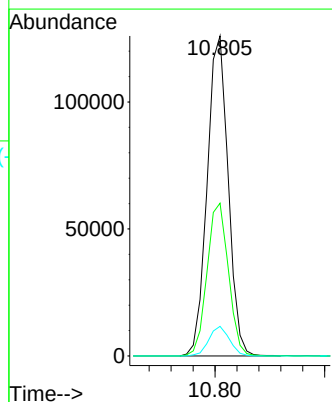
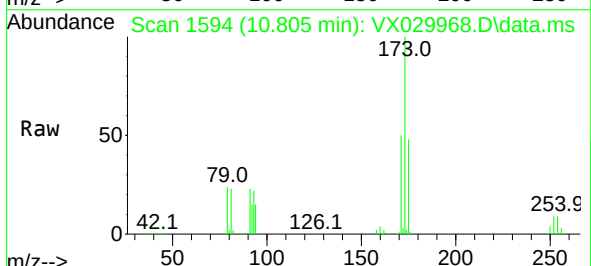
Manual Integrations
APPROVED

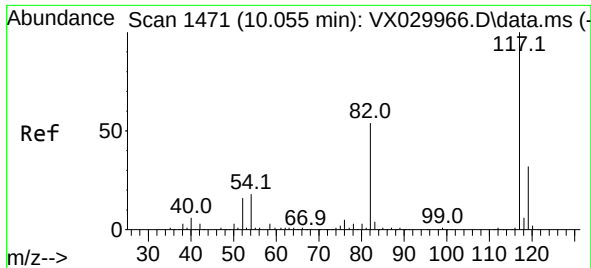
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#56
Bromoform
Concen: 112.204 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Tgt Ion:173 Resp: 167702
Ion Ratio Lower Upper
173 100
175 48.6 40.3 60.5
254 9.1 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: VX029968.D

Acq: 08 Jul 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:117 Resp: 15808

Ion Ratio Lower Upper

117 100

82 53.5 42.3 63.5

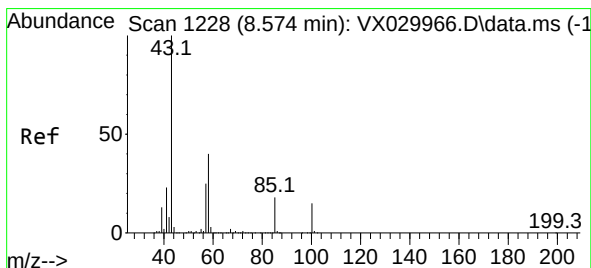
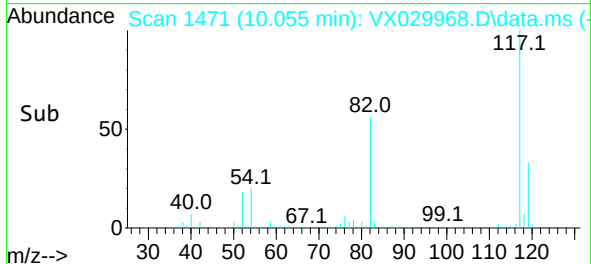
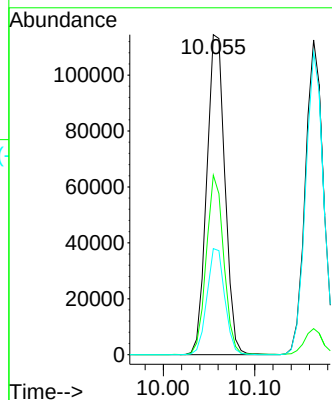
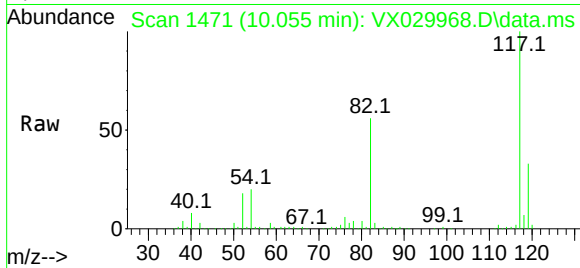
119 32.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#58

4-Methyl-2-Pentanone

Concen: 801.510 ug/l

RT: 8.579 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX029968.D

Acq: 08 Jul 2022 12:57

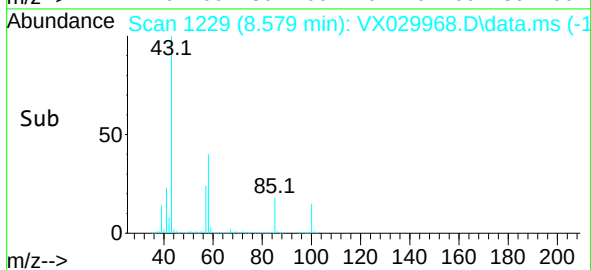
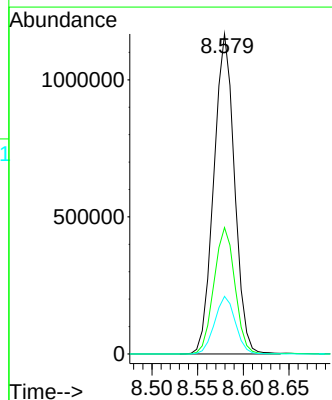
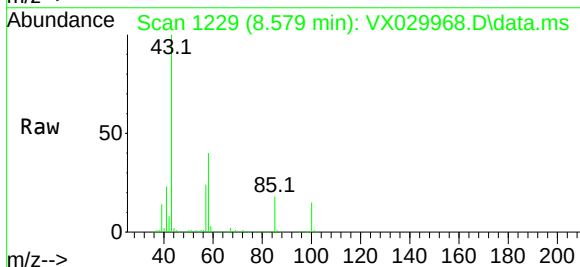
Tgt Ion: 43 Resp: 1843193

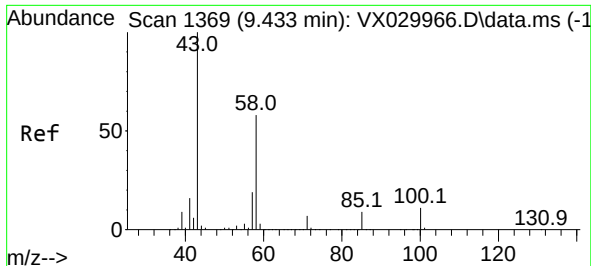
Ion Ratio Lower Upper

43 100

58 40.0 31.8 47.6

85 18.0 15.8 23.6





#59

2-Hexanone

Concen: 833.964 ug/l

RT: 9.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029968.D

Acq: 08 Jul 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 148429

Ion Ratio Lower Upper

43 100

58 54.6 44.1 66.1

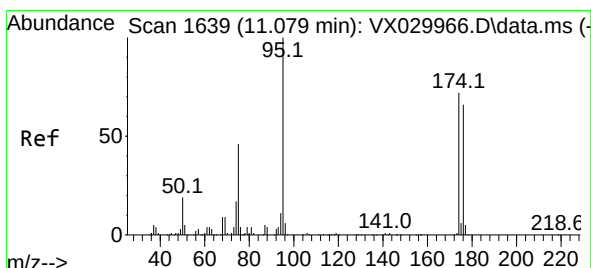
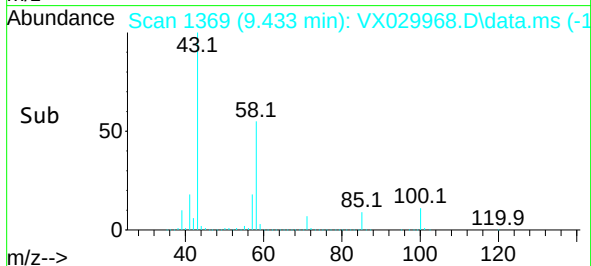
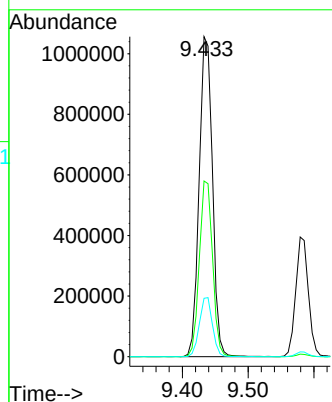
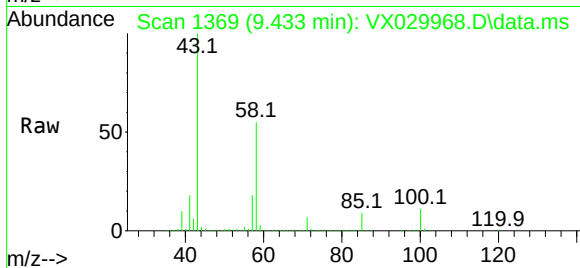
57 18.2 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#60

4-Bromofluorobenzene

Concen: 36.861 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX029968.D

Acq: 08 Jul 2022 12:57

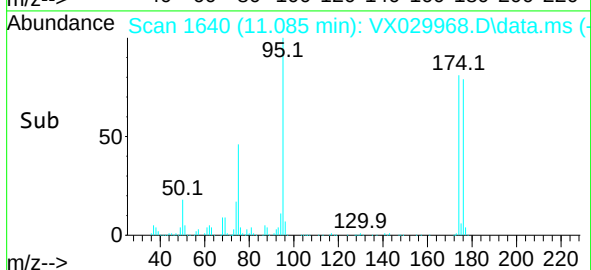
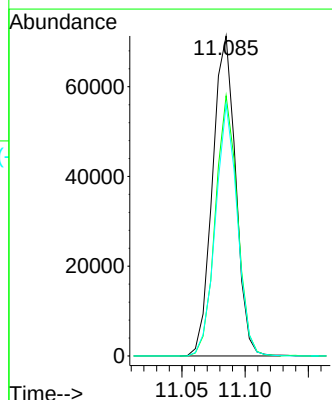
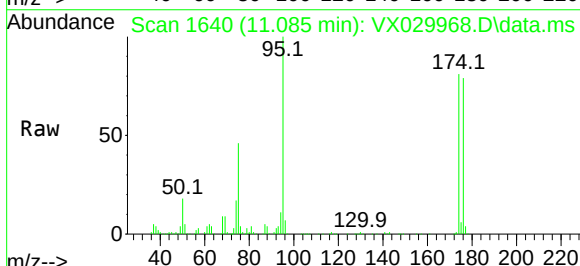
Tgt Ion: 95 Resp: 90619

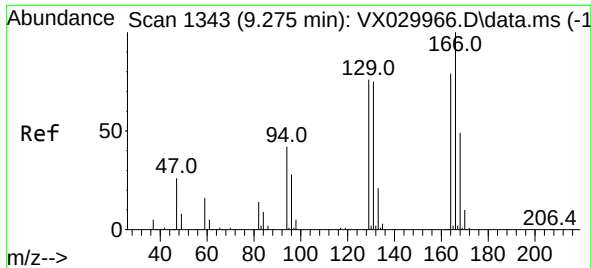
Ion Ratio Lower Upper

95 100

174 77.3 65.4 98.2

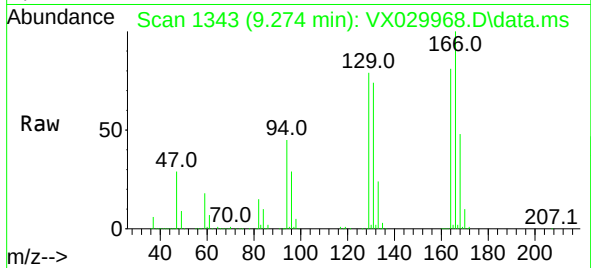
176 74.1 63.4 95.0





#61
Tetrachloroethene
Concen: 126.490 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

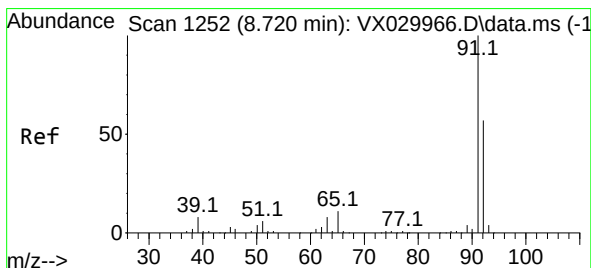
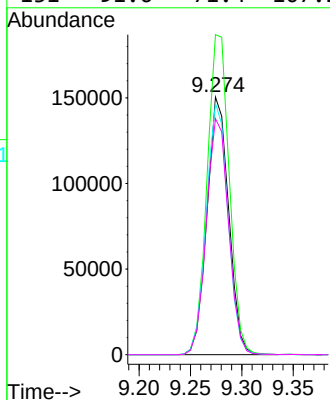
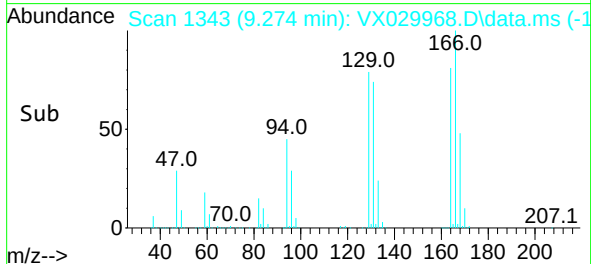
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



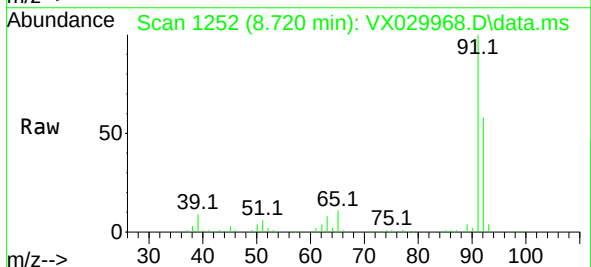
Tgt Ion:164 Resp: 220570
Ion Ratio Lower Upper
164 100
166 124.2 105.0 157.6
129 97.5 78.5 117.7
131 91.6 71.4 107.2

Manual Integrations
APPROVED

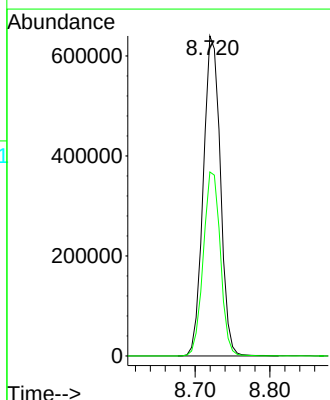
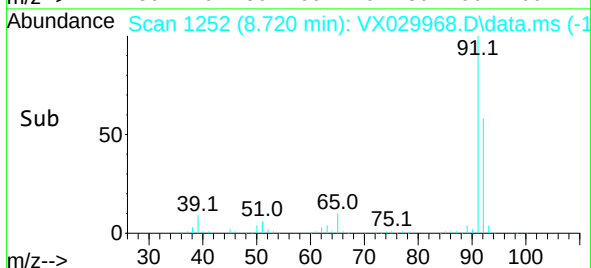
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

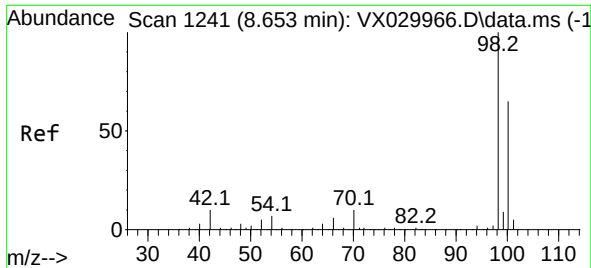


#62
Toluene
Concen: 147.954 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57



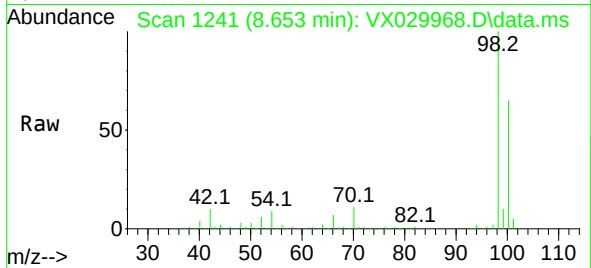
Tgt Ion: 91 Resp: 1014393
Ion Ratio Lower Upper
91 100
92 57.6 48.1 72.1





#63
Toluene-d8
Concen: 38.593 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

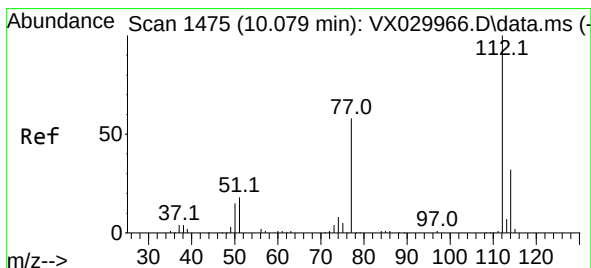
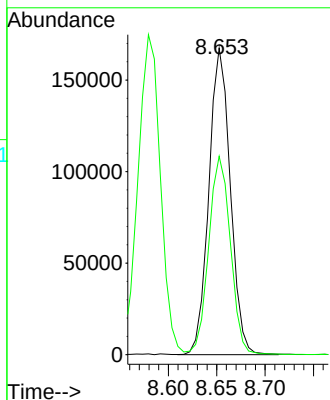
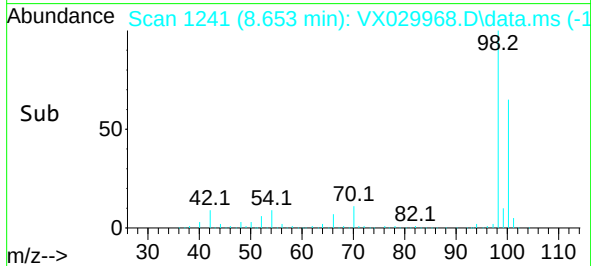
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 98 Resp: 258452
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.2

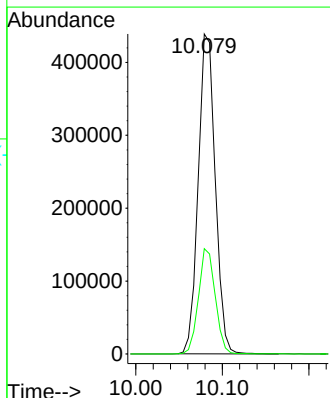
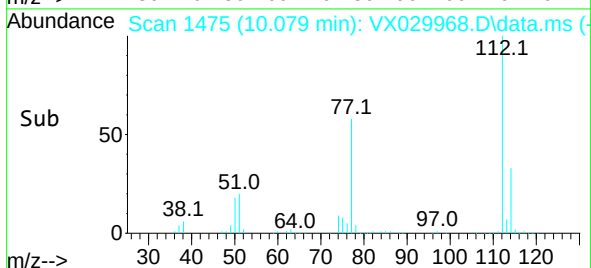
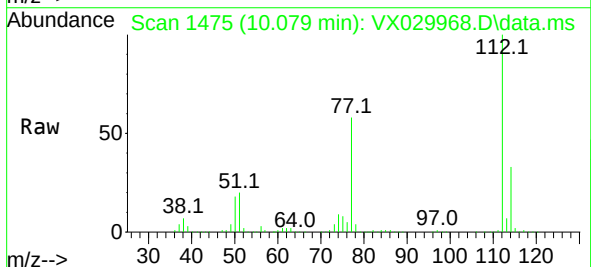
Manual Integrations
APPROVED

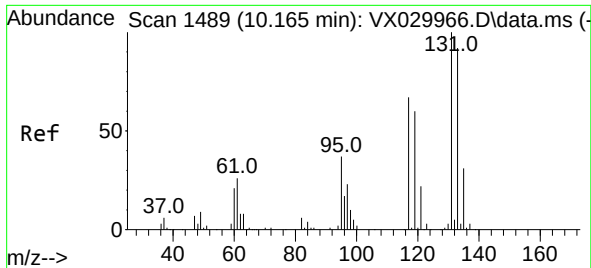
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#64
Chlorobenzene
Concen: 124.210 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Tgt Ion:112 Resp: 600795
Ion Ratio Lower Upper
112 100
114 32.9 26.0 39.0





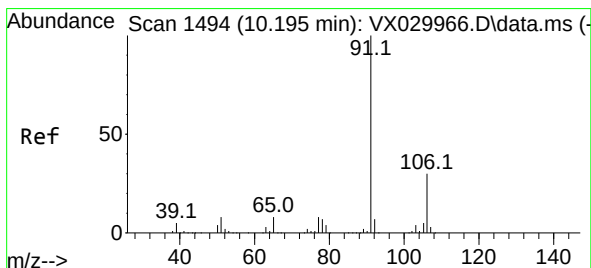
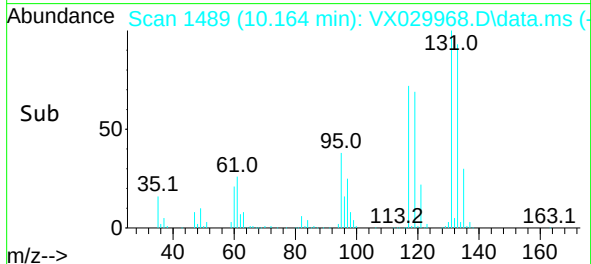
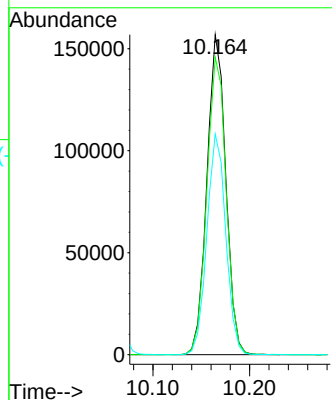
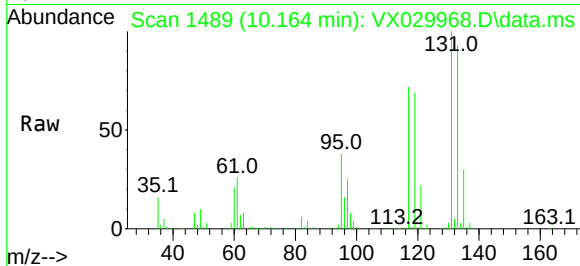
#65
1,1,1,2-Tetrachloroethane
Concen: 112.813 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 213124
Ion Ratio Lower Upper
131 100
133 94.9 0.0 197.2
119 69.1 0.0 127.4

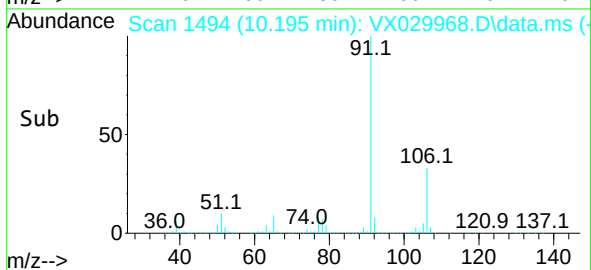
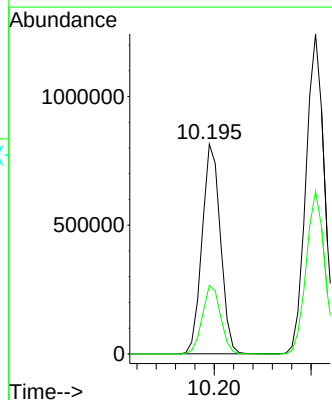
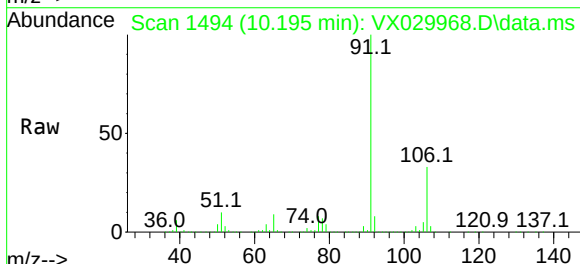
Manual Integrations
APPROVED

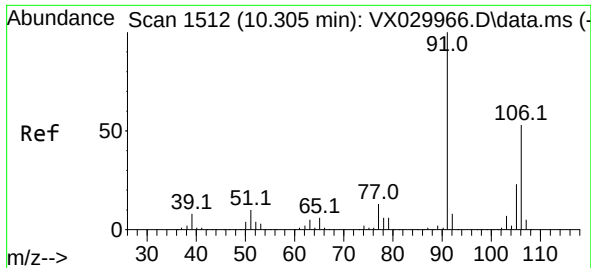
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#66
Ethyl Benzene
Concen: 132.899 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Tgt Ion: 91 Resp: 1074266
Ion Ratio Lower Upper
91 100
106 32.6 25.8 38.8





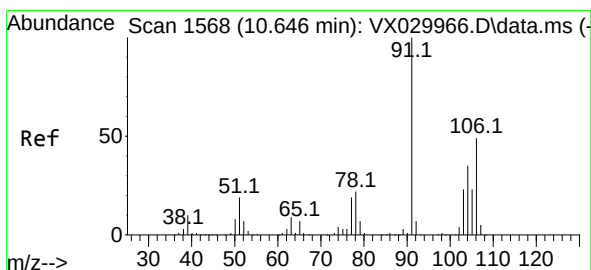
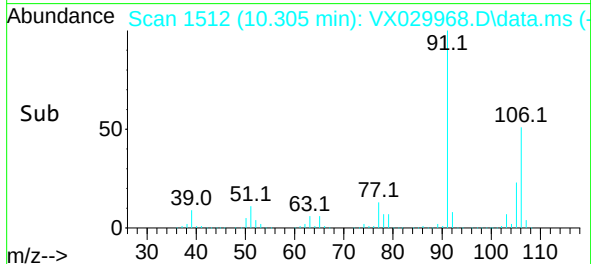
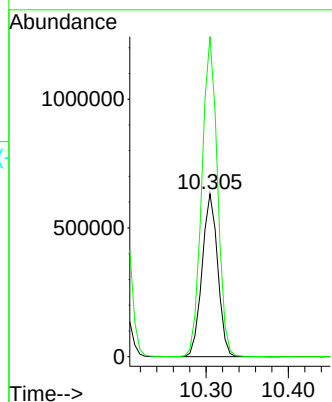
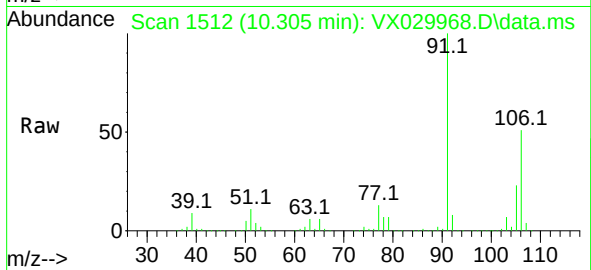
#67
m/p-Xylenes
Concen: 257.579 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 83462
Ion Ratio Lower Upper
106 100
91 195.9 159.5 239.3

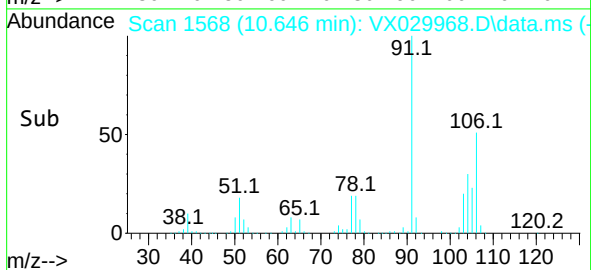
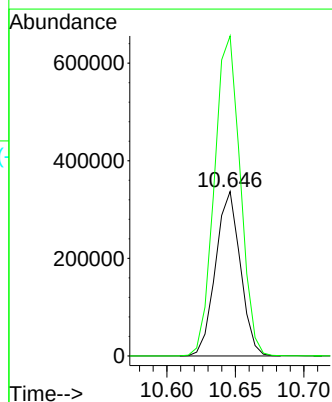
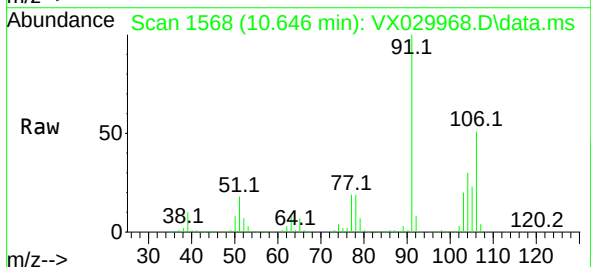
Manual Integrations
APPROVED

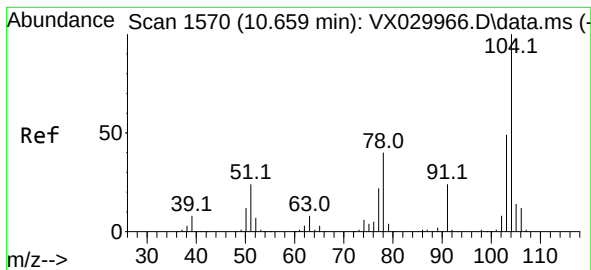
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#68
o-Xylene
Concen: 128.575 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Tgt Ion:106 Resp: 423405
Ion Ratio Lower Upper
106 100
91 202.9 105.4 316.2





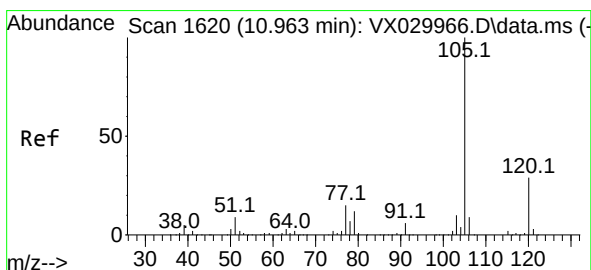
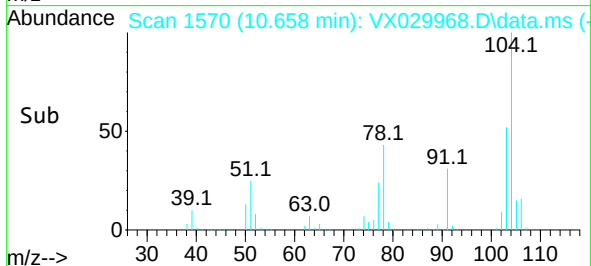
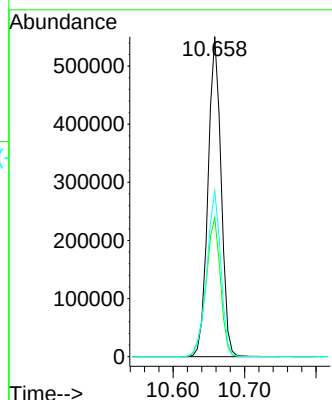
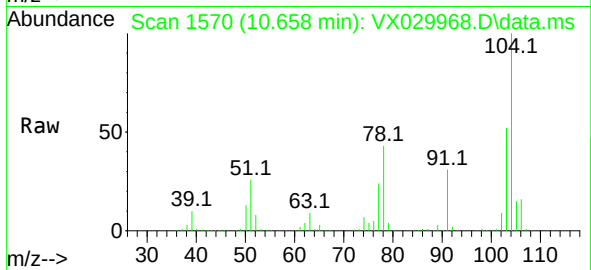
#69
Styrene
Concen: 127.389 ug/l
RT: 10.658 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:104 Resp: 700634
Ion Ratio Lower Upper
104 100
78 47.9 39.7 59.5
103 55.4 42.7 64.1

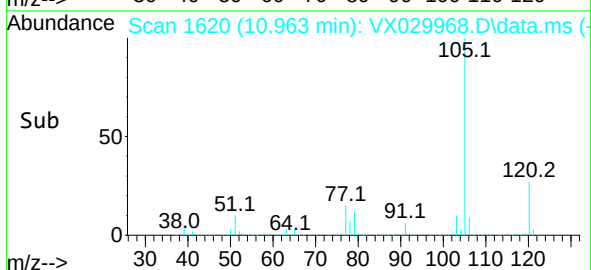
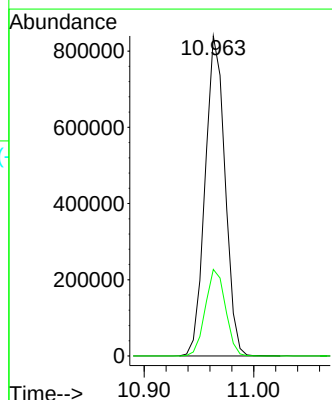
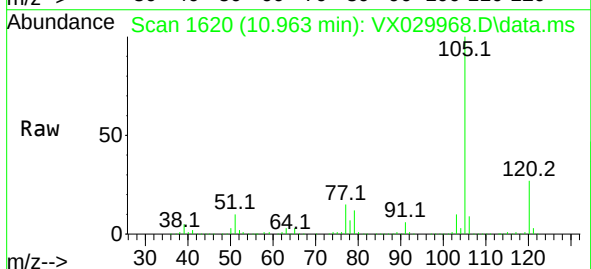
Manual Integrations
APPROVED

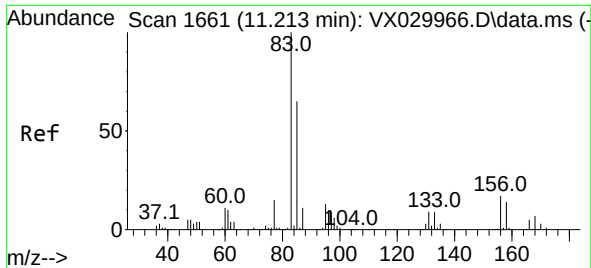
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#70
Isopropylbenzene
Concen: 123.048 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Tgt Ion:105 Resp: 1054208
Ion Ratio Lower Upper
105 100
120 27.3 18.8 34.8





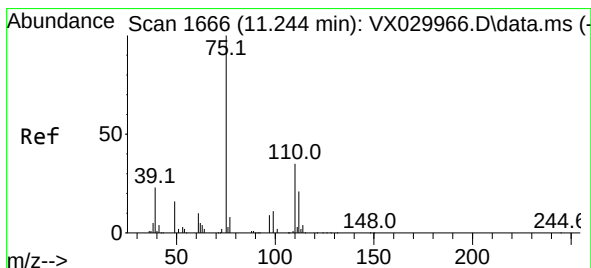
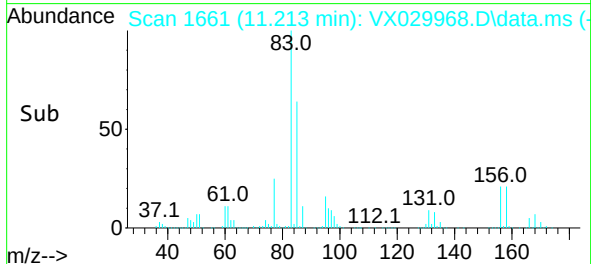
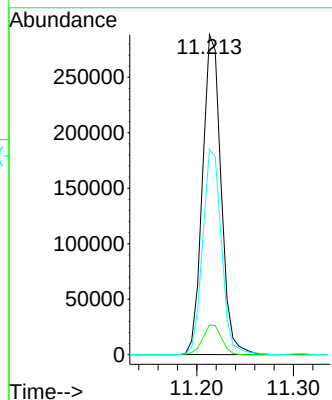
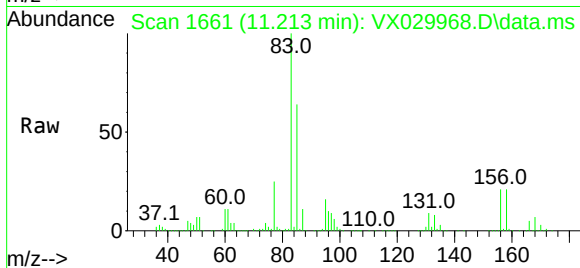
#71
1,1,2,2-Tetrachloroethane
Concen: 132.328 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 384932
Ion Ratio Lower Upper
83 100
131 9.6 5.8 17.3
85 65.2 32.0 96.2

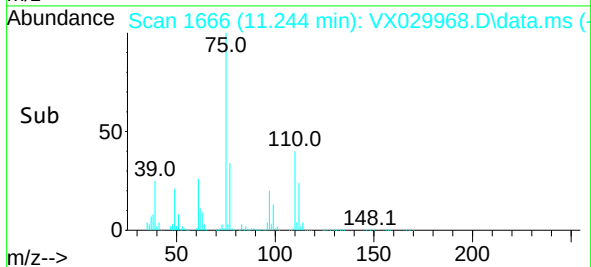
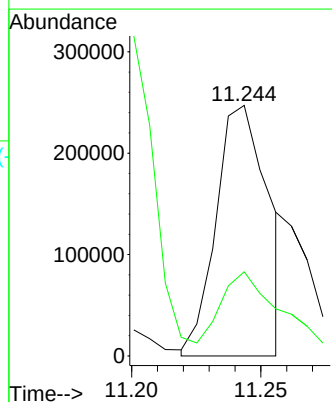
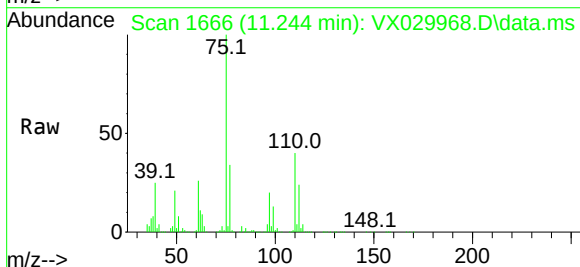
Manual Integrations
APPROVED

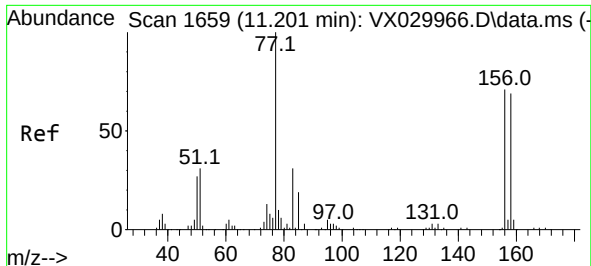
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#72
1,2,3-Trichloropropane
Concen: 133.753 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

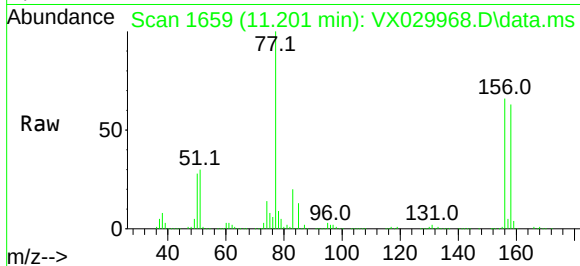
Tgt Ion: 75 Resp: 346201
Ion Ratio Lower Upper
75 100
77 40.4 0.0 78.6





#73
Bromobenzene
Concen: 109.764 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

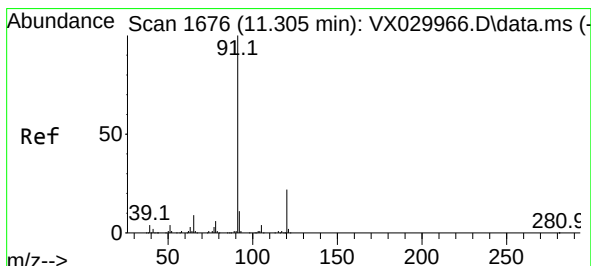
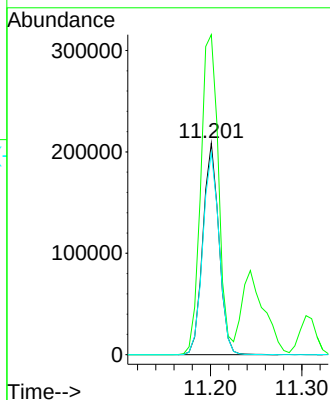
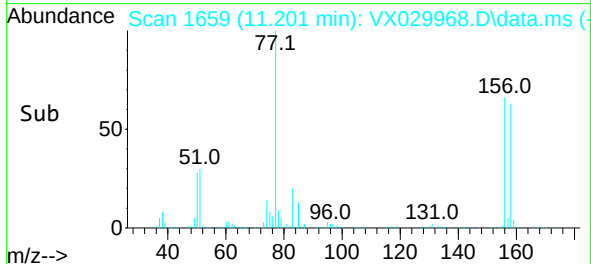
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



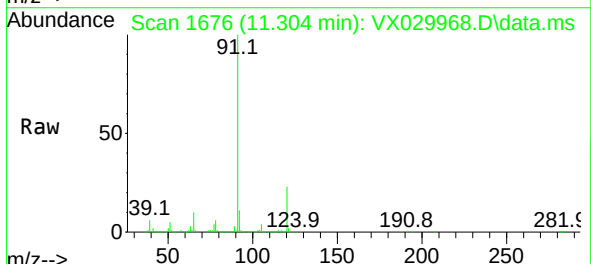
Tgt Ion:156 Resp: 25356
Ion Ratio Lower Upper
156 100
77 167.0 0.0 297.6
158 97.4 0.0 188.4

Manual Integrations
APPROVED

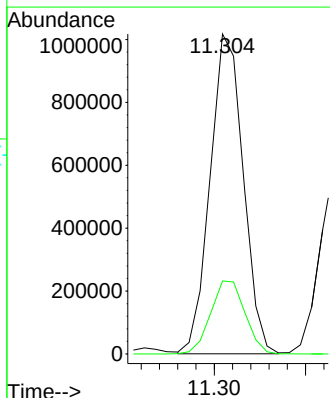
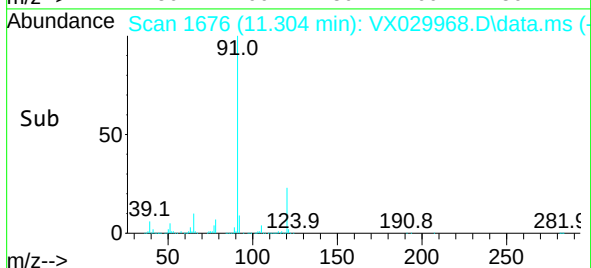
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

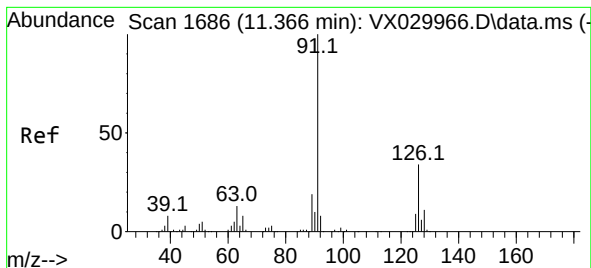


#74
n-propylbenzene
Concen: 134.314 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57



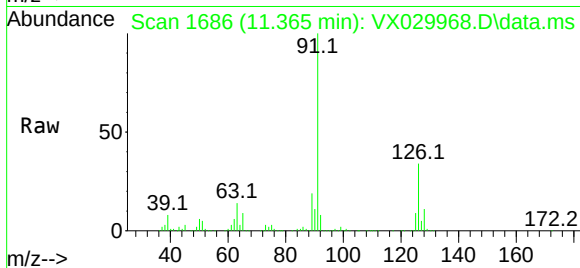
Tgt Ion: 91 Resp: 1283077
Ion Ratio Lower Upper
91 100
120 23.7 0.0 48.0





#75
2-Chlorotoluene
Concen: 126.140 ug/l
RT: 11.365 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

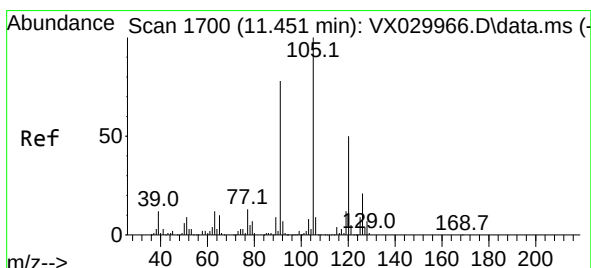
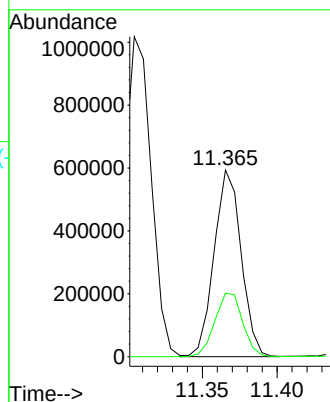
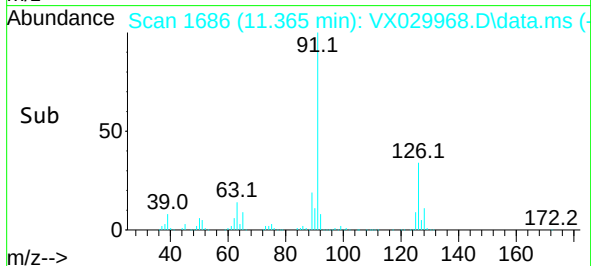
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 746460
Ion Ratio Lower Upper
91 100
126 35.0 0.0 68.6

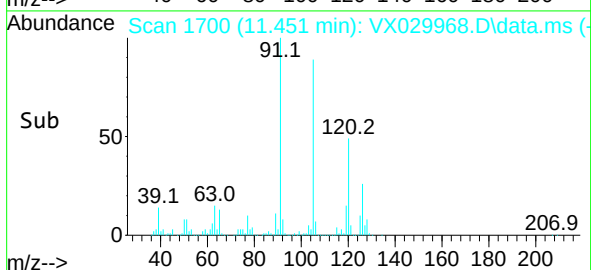
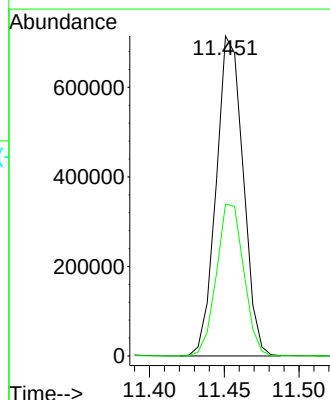
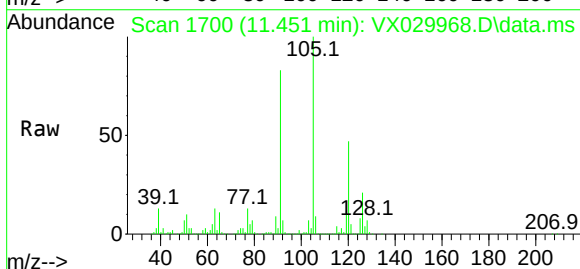
Manual Integrations
APPROVED

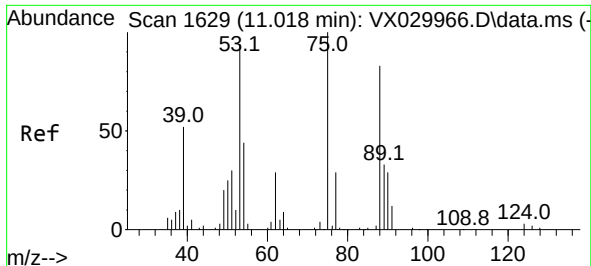
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 124.884 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

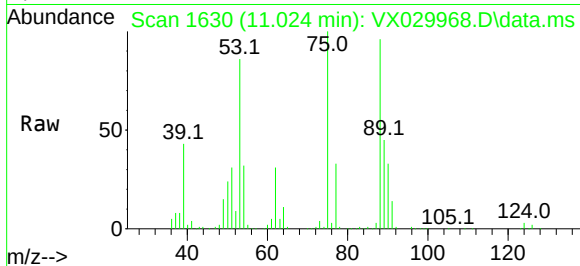
Tgt Ion:105 Resp: 897166
Ion Ratio Lower Upper
105 100
120 48.2 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 166.072 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

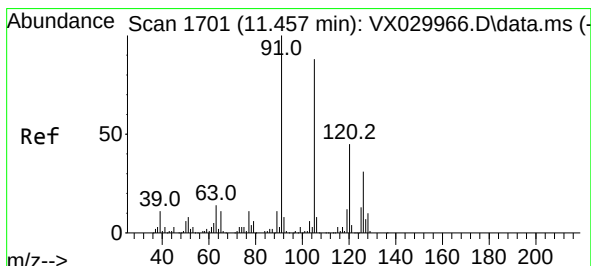
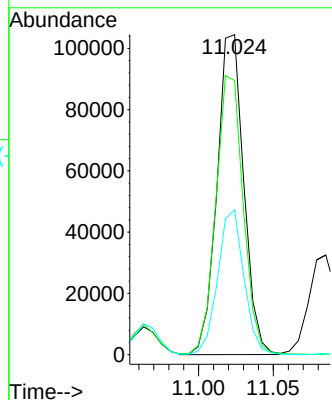
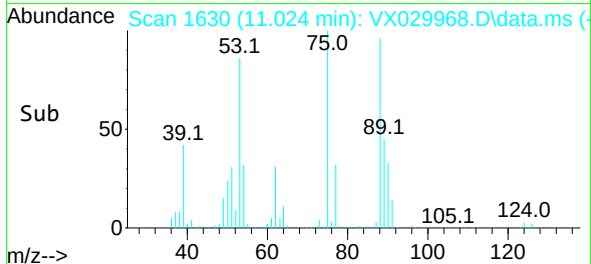
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 130150
Ion Ratio Lower Upper
75 100
53 85.5 59.7 179.1
89 45.2 23.1 69.2

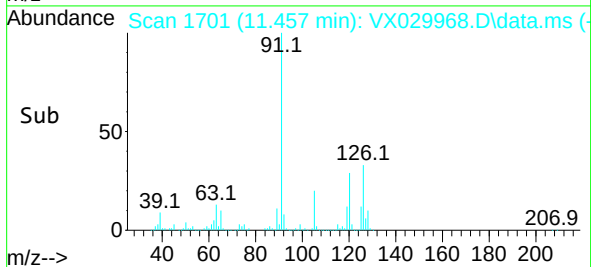
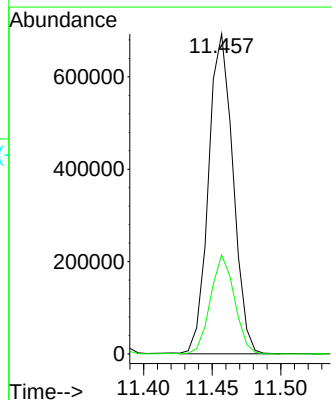
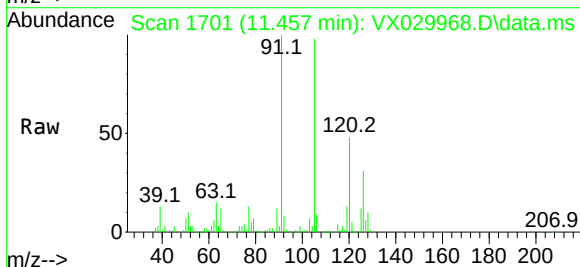
Manual Integrations
APPROVED

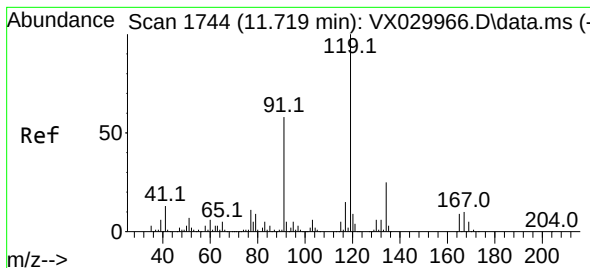
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#78
4-Chlorotoluene
Concen: 128.946 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

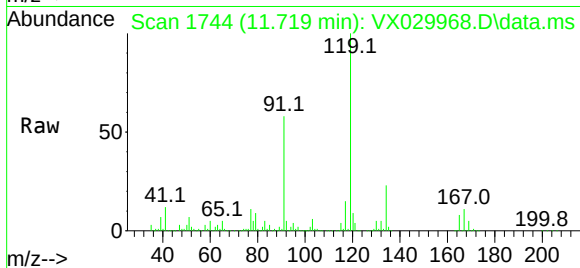
Tgt Ion: 91 Resp: 863084
Ion Ratio Lower Upper
91 100
126 30.1 0.0 59.8





#79
tert-butylbenzene
Concen: 119.253 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

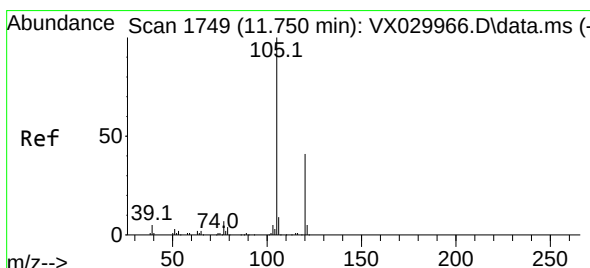
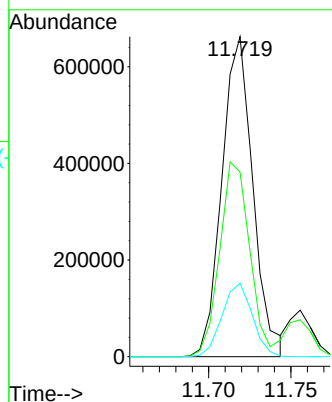
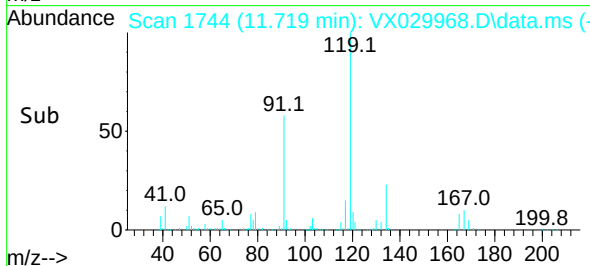
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:119 Resp: 869152
Ion Ratio Lower Upper
119 100
91 58.7 0.0 119.4
134 22.5 0.0 48.4

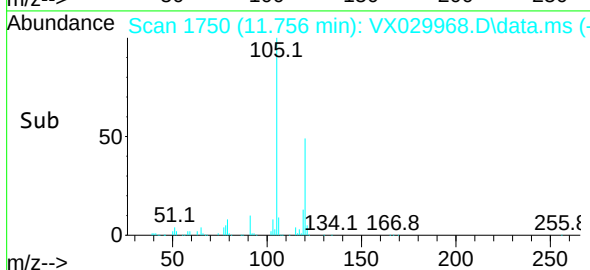
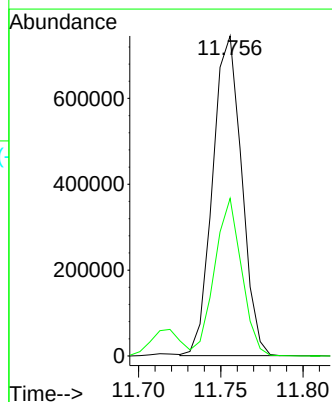
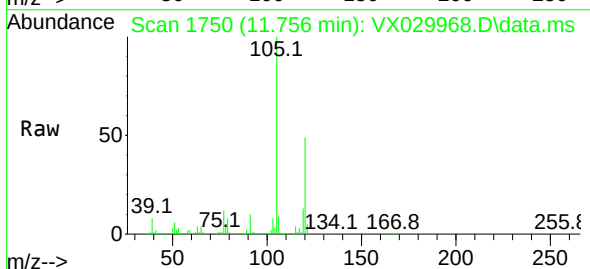
Manual Integrations
APPROVED

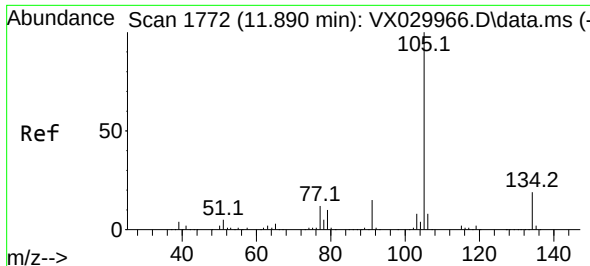
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#80
1,2,4-Trimethylbenzene
Concen: 126.899 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

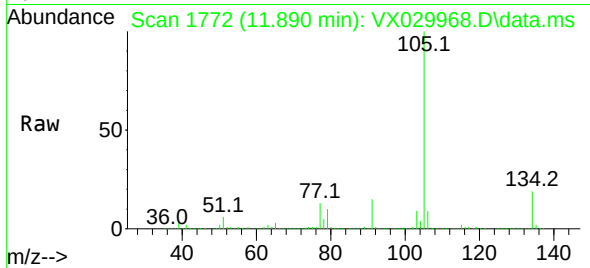
Tgt Ion:105 Resp: 915097
Ion Ratio Lower Upper
105 100
120 46.0 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 138.012 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX029968.D
 Acq: 08 Jul 2022 12:57

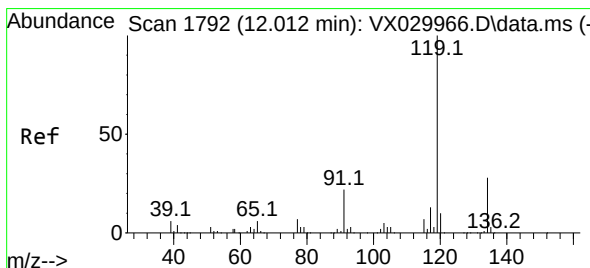
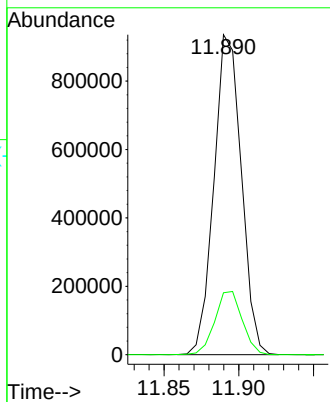
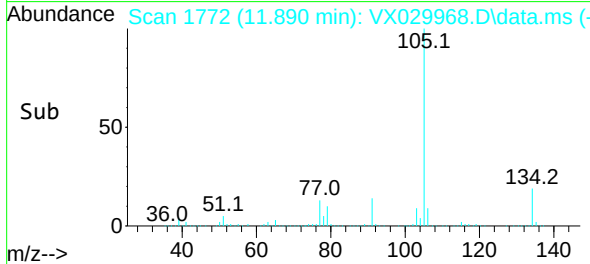
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100



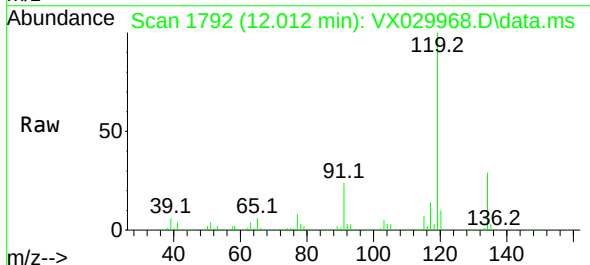
Tgt Ion:105 Resp: 1192318
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 41.2

Manual Integrations
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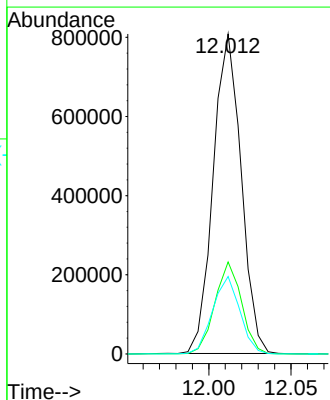
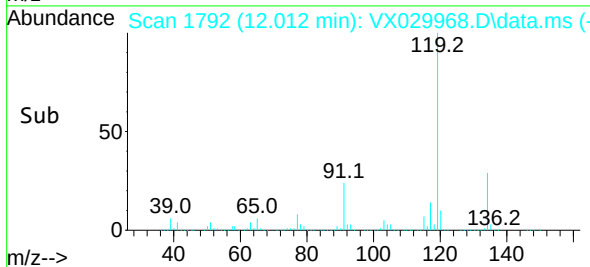
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

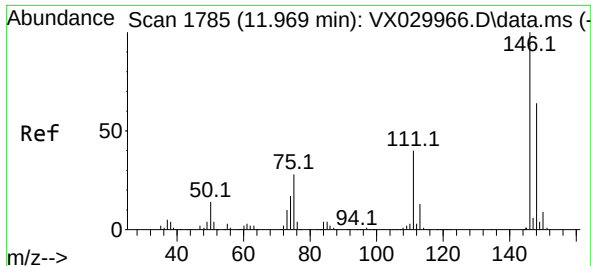


#82
 p-Isopropyltoluene
 Concen: 126.864 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029968.D
 Acq: 08 Jul 2022 12:57



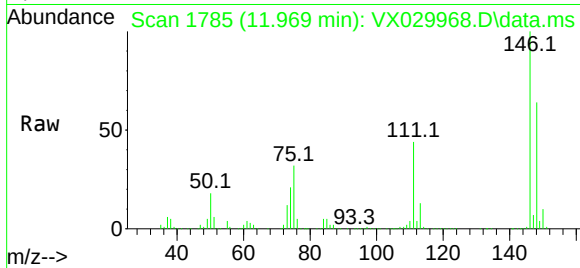
Tgt Ion:119 Resp: 951342
 Ion Ratio Lower Upper
 119 100
 134 27.6 0.0 52.4
 91 23.7 0.0 47.2





#83
 1,3-Dichlorobenzene
 Concen: 114.700 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: VX029968.D
 Acq: 08 Jul 2022 12:57

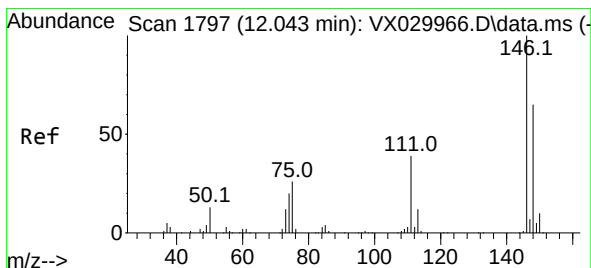
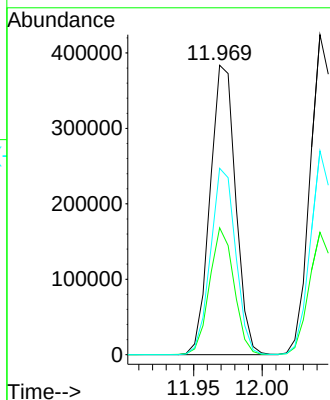
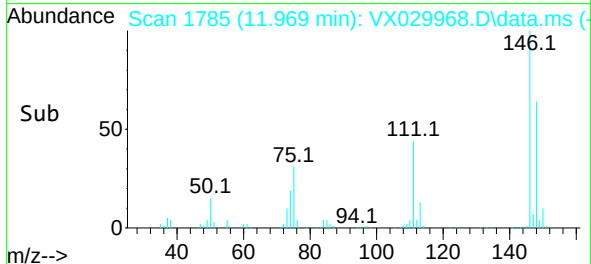
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



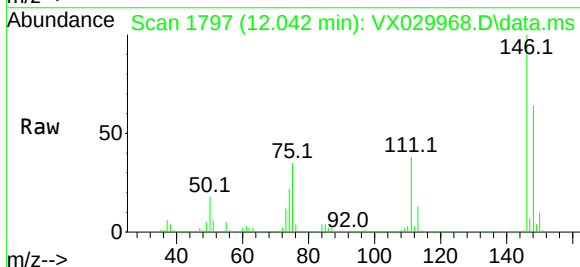
Tgt Ion:146 Resp: 496979
 Ion Ratio Lower Upper
 146 100
 111 41.9 19.8 59.4
 148 63.3 31.6 94.8

Manual Integrations
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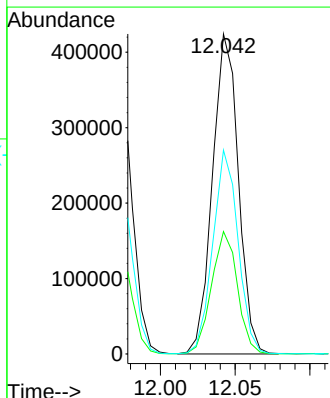
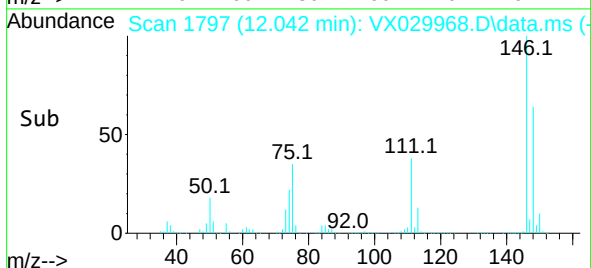
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

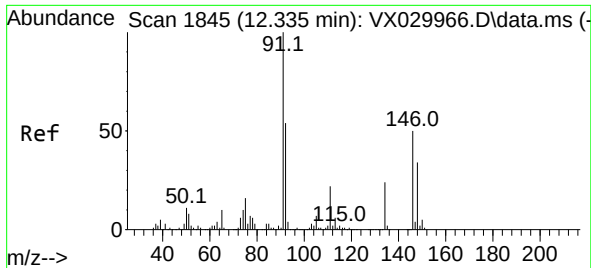


#84
 1,4-Dichlorobenzene
 Concen: 116.140 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. -0.000 min
 Lab File: VX029968.D
 Acq: 08 Jul 2022 12:57



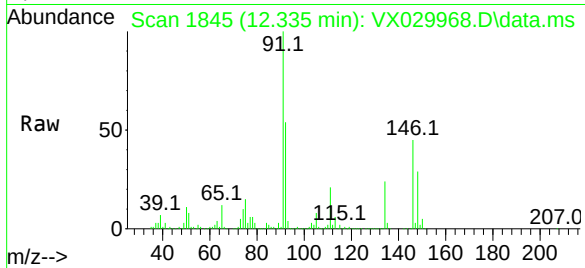
Tgt Ion:146 Resp: 511626
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.2 57.6
 148 61.9 32.3 96.8





#85
n-Butylbenzene
Concen: 152.282 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

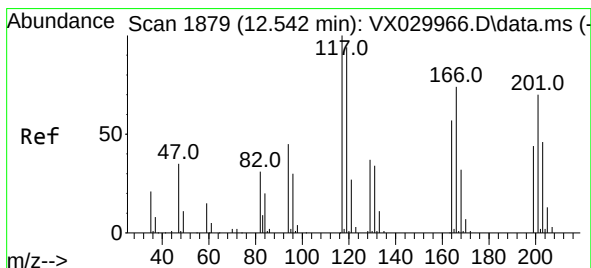
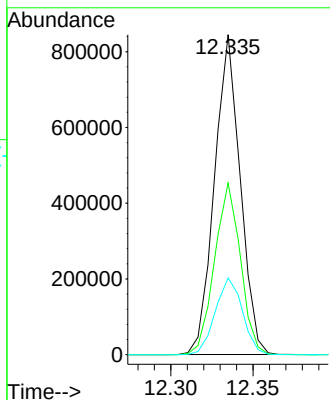
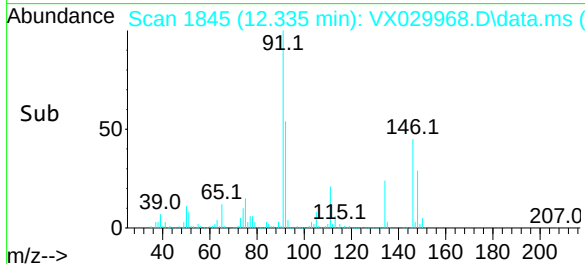
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 921620
Ion Ratio Lower Upper
91 100
92 53.8 0.0 109.4
134 25.3 0.0 56.4

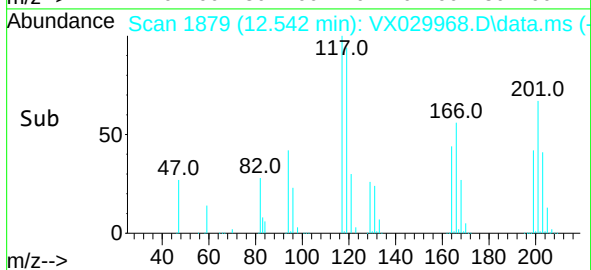
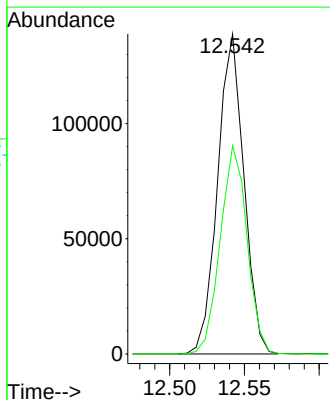
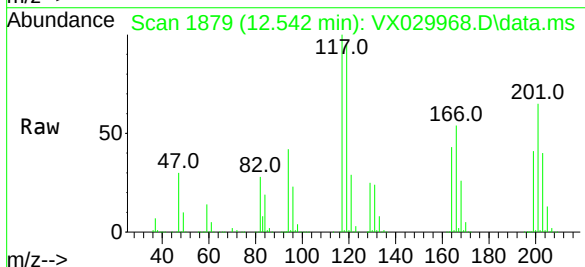
Manual Integrations
APPROVED

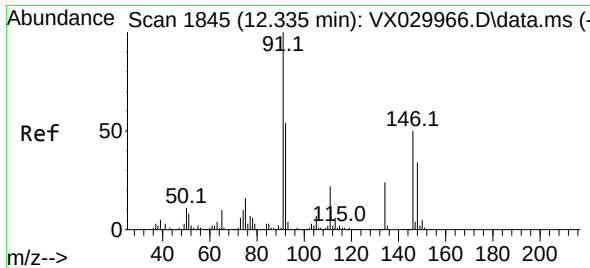
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#86
Hexachloroethane
Concen: 143.934 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

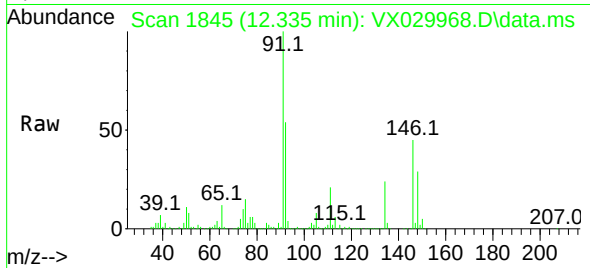
Tgt Ion:117 Resp: 169843
Ion Ratio Lower Upper
117 100
201 66.3 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 110.086 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

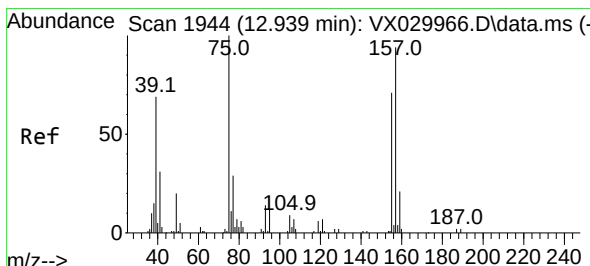
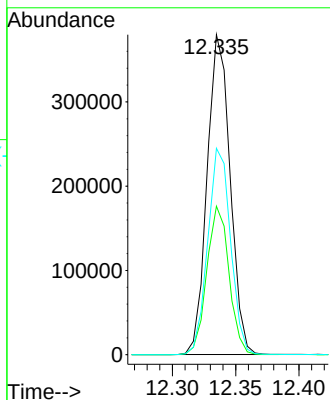
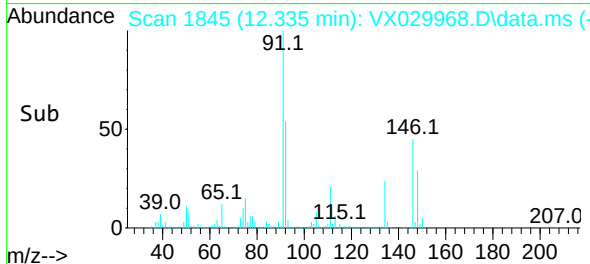
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:146 Resp: 480372
Ion Ratio Lower Upper
146 100
111 44.9 21.1 63.3
148 64.1 31.4 94.2

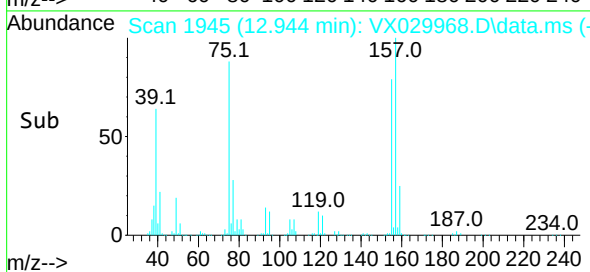
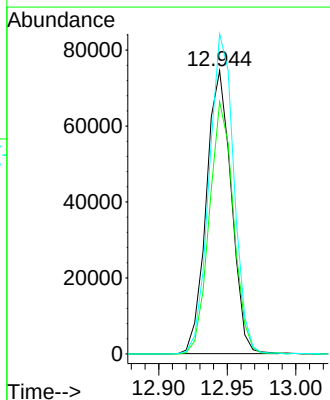
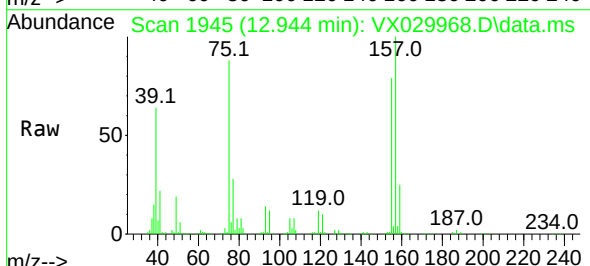
Manual Integrations
APPROVED

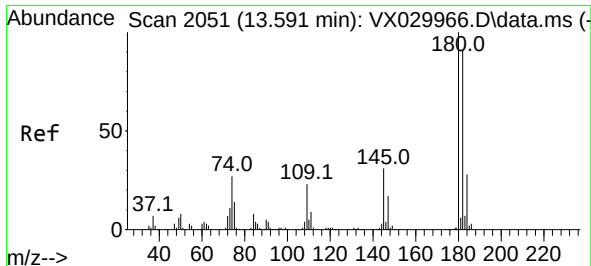
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 151.965 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

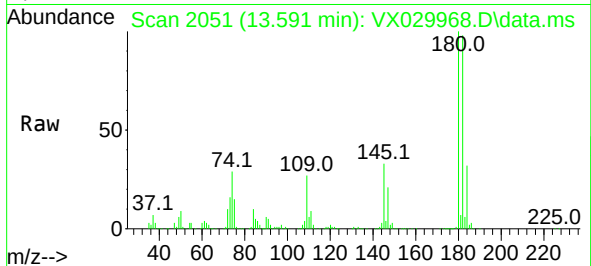
Tgt Ion: 75 Resp: 94422
Ion Ratio Lower Upper
75 100
155 85.9 74.3 111.5
157 112.0 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 113.156 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

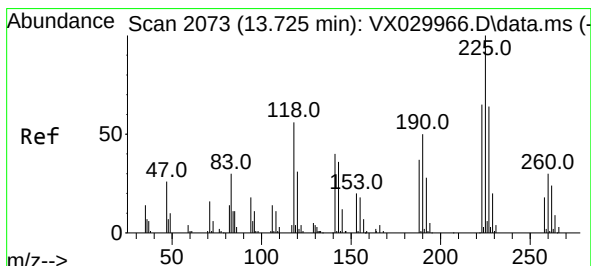
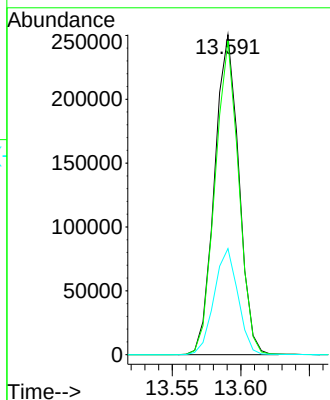
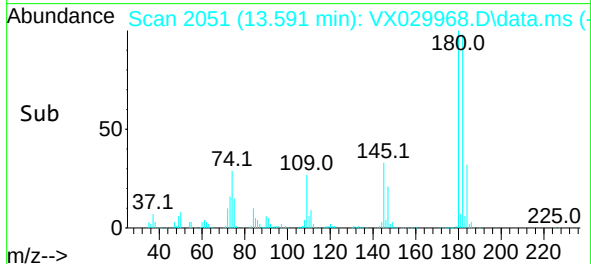
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



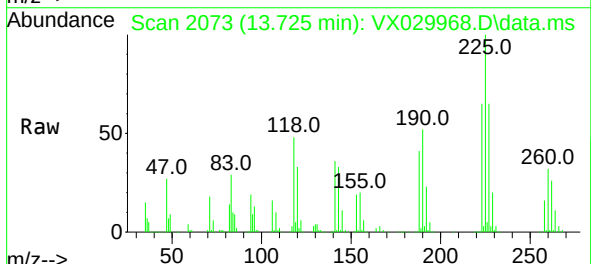
Tgt Ion:180 Resp: 308415
Ion Ratio Lower Upper
180 100
182 95.2 77.4 116.2
145 32.7 24.2 36.4

Manual Integrations
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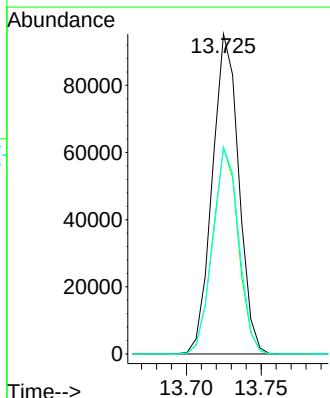
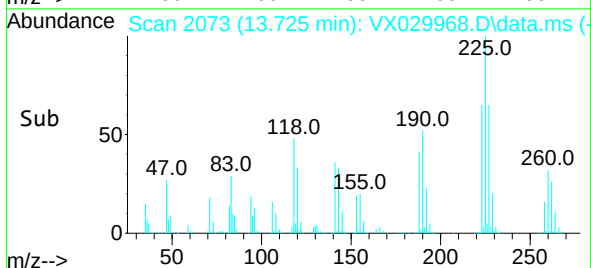
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

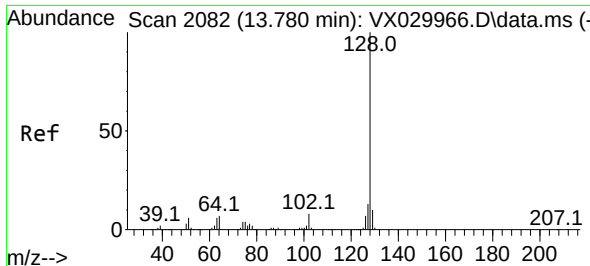


#90
Hexachlorobutadiene
Concen: 101.198 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57



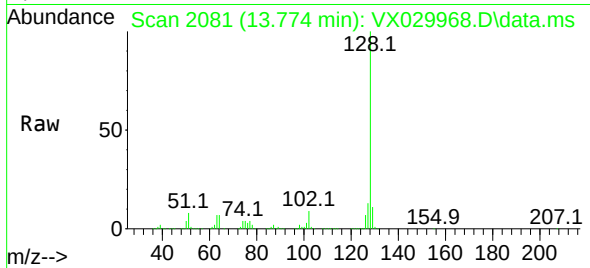
Tgt Ion:225 Resp: 116939
Ion Ratio Lower Upper
225 100
223 62.8 0.0 126.0
227 63.8 0.0 125.0





#91
Naphthalene
Concen: 130.126 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

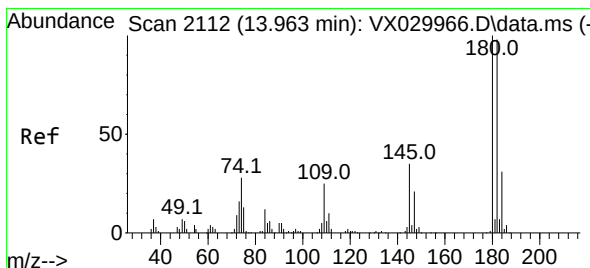
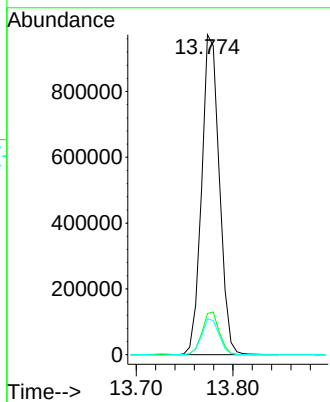
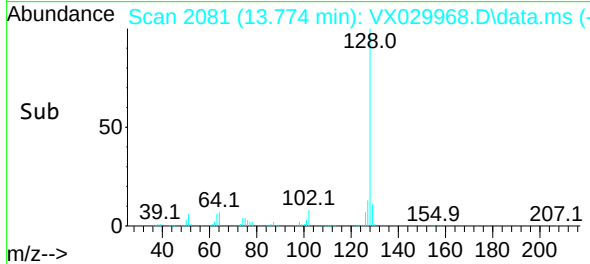
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 123941
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#92
1,2,3-Trichlorobenzene
Concen: 116.249 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX029968.D
Acq: 08 Jul 2022 12:57

Tgt Ion:180 Resp: 317618
Ion Ratio Lower Upper
180 100
182 93.4 0.0 189.4
145 33.8 0.0 67.2

