

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029969.D
 Acq On : 08 Jul 2022 13:20
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 08 13:43:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 08 13:27:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	4.903	128	29494	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	183651	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	163827	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	76179	32.124	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.067%
60) 4-Bromofluorobenzene	11.085	95	99794	32.961	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	109.867%
63) Toluene-d8	8.653	98	266288	29.970	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	320884	161.554	ug/l	99
3) Chloromethane	1.288	50	315293	149.893	ug/l	97
4) Vinyl Chloride	1.374	62	367926	155.523	ug/l	100
5) Bromomethane	1.599	94	119773	116.543	ug/l	97
6) Chloroethane	1.672	64	190839	149.414	ug/l	100
7) Trichlorofluoromethane	1.880	101	464559	154.755	ug/l	97
8) Diethyl Ether	2.136	74	195668	152.864	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	305079	149.979	ug/l	96
10) 1,1-Dichloroethene	2.312	96	321172	155.836	ug/l	96
11) Methyl Iodide	2.447	142	370146	240.958	ug/l	90
12) Methyl Acetate	2.709	43	524978	156.555	ug/l	95
13) Acrolein	2.239	56	316605	809.338	ug/l	99
14) Acrylonitrile	3.068	53	1128202	781.451	ug/l	98
15) Acetone	2.386	58	305241	777.541	ug/l	86
16) Carbon Disulfide	2.508	76	861454	161.271	ug/l	98
17) Allyl chloride	2.660	41	572486	158.095	ug/l	94
18) Methylene Chloride	2.788	84	361973	149.485	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	342628	152.525	ug/l	94
20) Diisopropyl ether	3.770	45	1174243	162.897	ug/l #	80
21) 1,1-Dichloroethane	3.611	63	609561	155.566	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	409005	153.542	ug/l	99
23) tert-Butyl Alcohol	3.014	59	477495	707.920	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	1044923	157.507	ug/l	100
25) Chloroform	5.105	83	616578	158.503	ug/l	97
26) Cyclohexane	5.470	56	568043	156.702	ug/l #	93
29) 1,1-Dichloropropene	5.696	75	462486	146.529	ug/l	98
30) 2-Butanone	4.568	43	1556335	730.026	ug/l	99
31) 2,2-Dichloropropane	4.477	77	448458	149.190	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	507538	150.304	ug/l	98
33) Carbon Tetrachloride	5.684	117	428124	151.118	ug/l	97
34) Benzene	6.044	78	1456773	142.933	ug/l	99
35) Methacrylonitrile	4.928	41	329236	154.262	ug/l	93
36) 1,2-Dichloroethane	6.092	62	451784	146.270	ug/l	97
37) Trichloroethene	7.129	130	388836	142.585	ug/l	100
38) Methylcyclohexane	7.385	83	600236	146.569	ug/l	96
39) 1,2-Dichloropropane	7.434	63	372379	143.672	ug/l	97
40) Dibromomethane	7.586	93	257855	147.531	ug/l	91
41) Bromodichloromethane	7.824	83	474022	152.921	ug/l	98
42) Vinyl Acetate	3.727	43	5162033	764.064	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	605881	152.108	ug/l	100
44) Isopropyl Acetate	6.348	43	920453	152.114	ug/l	100
45) 1,4-Dioxane	7.677	88	215932	3039.218	ug/l	97
46) Methyl methacrylate	7.696	41	442827	155.024	ug/l	97
47) n-amyl Acetate	10.848	43	866552	170.855	ug/l	95
48) t-1,3-Dichloropropene	8.982	75	539086	158.545	ug/l	97
49) cis-1,3-Dichloropropene	8.372	75	598632	156.326	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	376389	144.834	ug/l #	91
51) Ethyl methacrylate	9.122	69	627234	157.803	ug/l	99
52) 1,3-Dichloropropane	9.311	76	602232	143.882	ug/l	100
53) Dibromochloromethane	9.525	129	369535	155.917	ug/l	98
54) 1,2-Dibromoethane	9.616	107	396789	147.573	ug/l	100
55) 2-Chloroethyl vinyl ether	8.250	63	1597574	777.297	ug/l	96
56) Bromoform	10.805	173	280685	173.000	ug/l	97
58) 4-Methyl-2-Pentanone	8.580	43	3054904	756.157	ug/l	96
59) 2-Hexanone	9.439	43	2350586	751.262	ug/l	99
61) Tetrachloroethene	9.275	164	337968	134.569	ug/l	95
62) Toluene	8.720	91	1565559	142.154	ug/l	97
64) Chlorobenzene	10.079	112	962765	147.419	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	340144	149.846	ug/l	95
66) Ethyl Benzene	10.195	91	1703300	146.364	ug/l	98
67) m/p-Xylenes	10.305	106	1304785	288.021	ug/l	99
68) o-Xylene	10.646	106	660110	146.894	ug/l	98
69) Styrene	10.659	104	1127070	152.747	ug/l	98
70) Isopropylbenzene	10.963	105	1685535	149.492	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	622795	152.504	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	548278m	148.581	ug/l	
73) Bromobenzene	11.201	156	405027	149.882	ug/l	90
74) n-propylbenzene	11.305	91	2061881	153.197	ug/l	99
75) 2-Chlorotoluene	11.366	91	1195225	150.206	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	1420342	150.175	ug/l	100
77) t-1,4-Dichloro-2-butene	11.024	75	218964	179.688	ug/l	78
78) 4-Chlorotoluene	11.457	91	1366173	153.682	ug/l	98
79) tert-butylbenzene	11.719	119	1408754	153.862	ug/l	98
80) 1,2,4-Trimethylbenzene	11.756	105	1494804	154.652	ug/l	100
81) sec-Butylbenzene	11.896	105	1931050	156.322	ug/l	99
82) p-Isopropyltoluene	12.012	119	1587282	160.490	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	809746	156.179	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	831777	158.716	ug/l	99
85) n-Butylbenzene	12.335	91	1570863	171.764	ug/l	96
86) Hexachloroethane	12.542	117	277884	171.577	ug/l	85
87) 1,2-Dichlorobenzene	12.335	146	777535	150.789	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	155302	170.813	ug/l	92
89) 1,2,4-Trichlorobenzene	13.591	180	508700	161.636	ug/l	98
90) Hexachlorobutadiene	13.725	225	189575	158.094	ug/l	98
91) Naphthalene	13.780	128	2007762	159.632	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	509528	158.237	ug/l	99

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

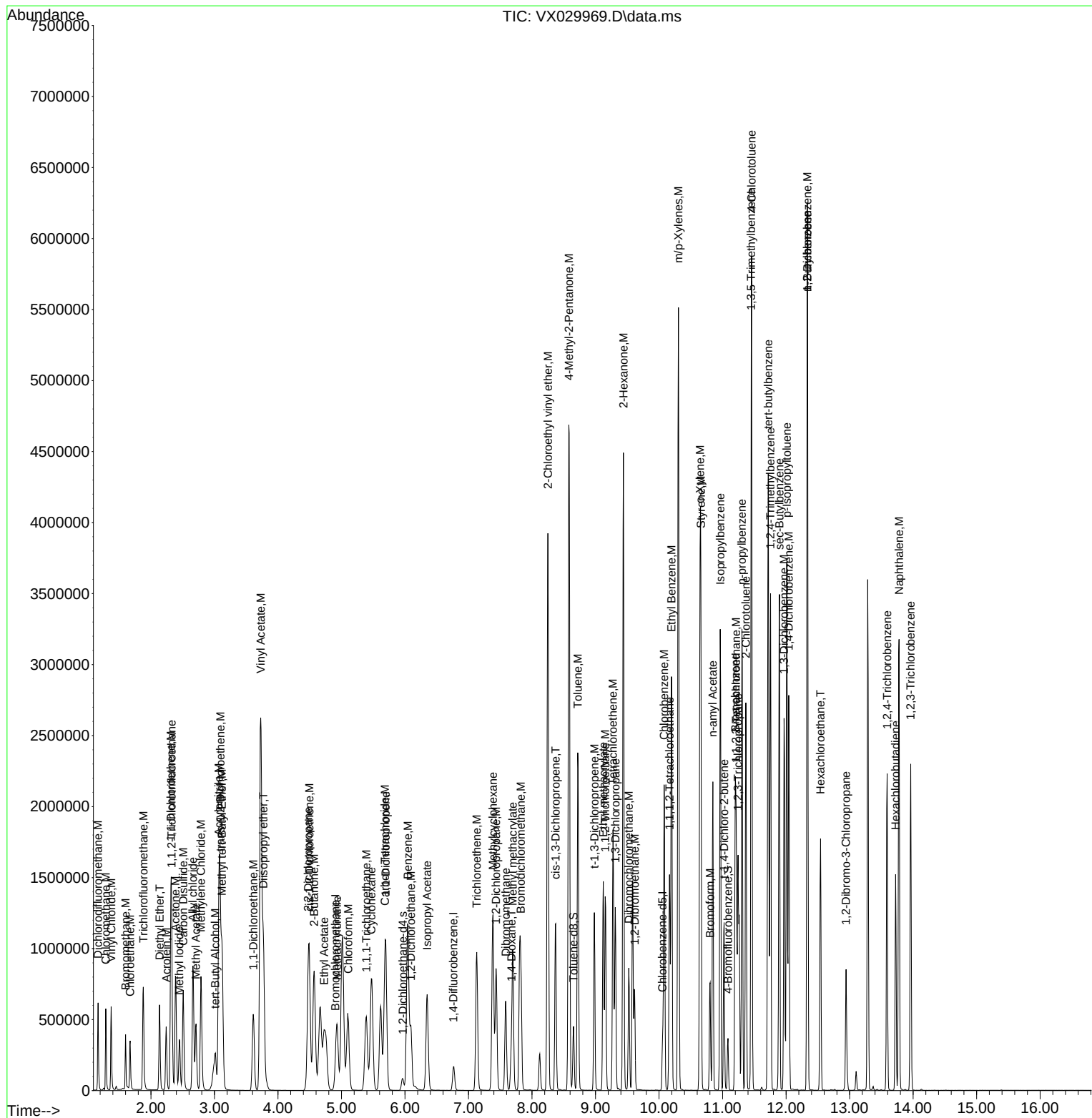
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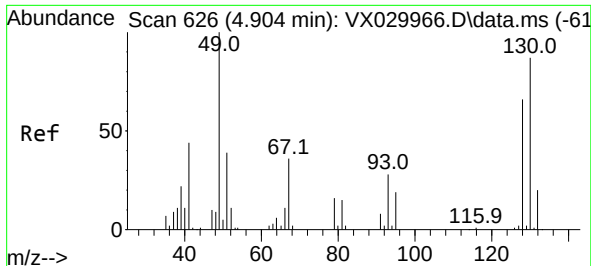
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Manual Integrations
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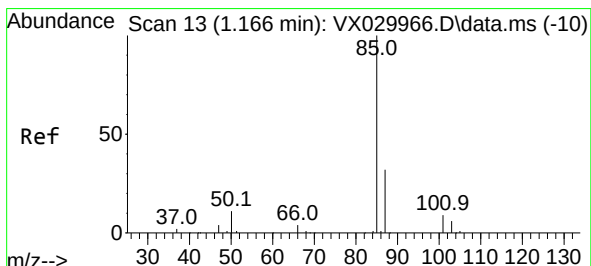
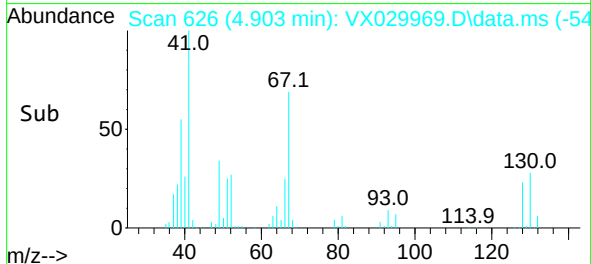
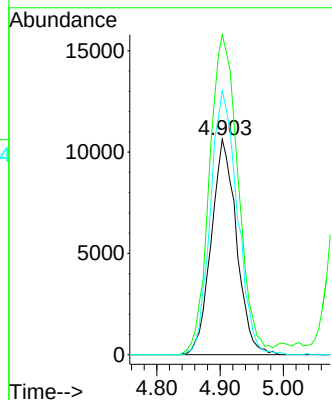
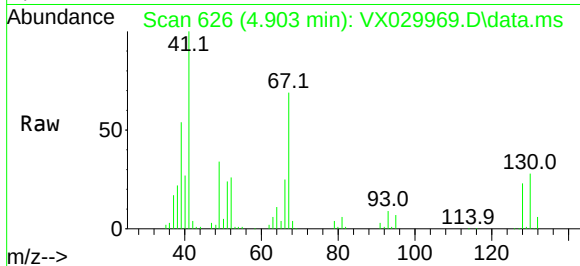
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 29494
Ion Ratio Lower Upper
128 100
49 169.0 0.0 358.3
130 130.8 0.0 319.3

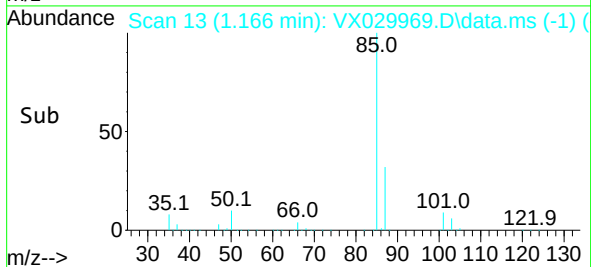
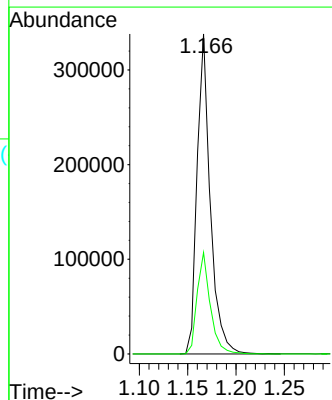
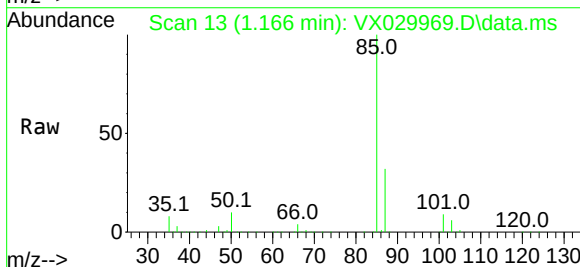
Manual Integrations
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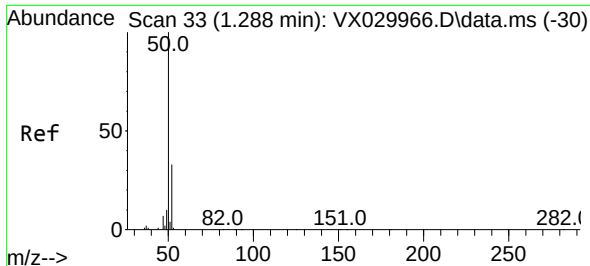
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#2
Dichlorodifluoromethane
Concen: 161.554 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

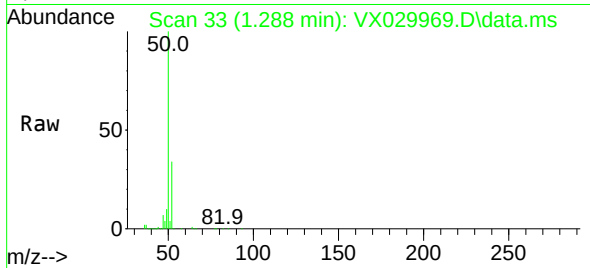
Tgt Ion: 85 Resp: 320884
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8





#3
Chloromethane
Concen: 149.893 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

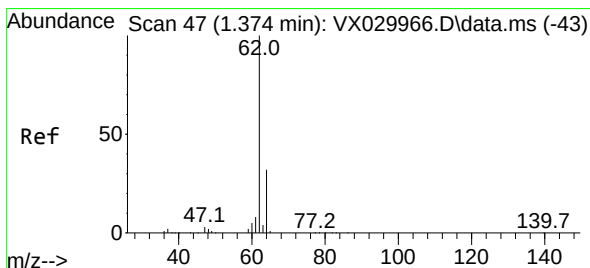
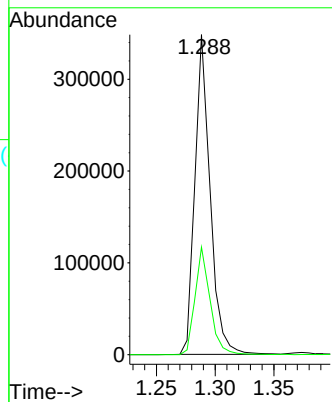
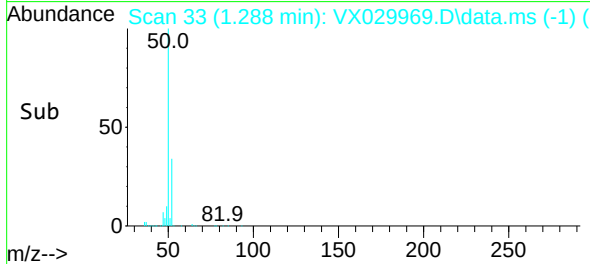
Instrument :
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Tgt Ion: 50 Resp: 315293
Ion Ratio Lower Upper
50 100
52 33.6 25.6 38.4

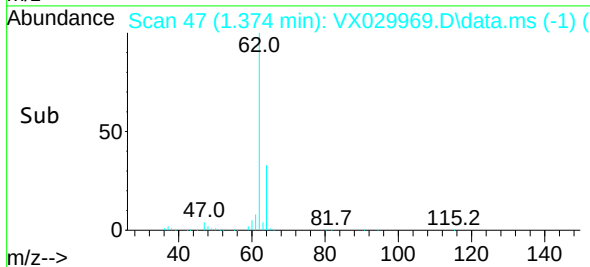
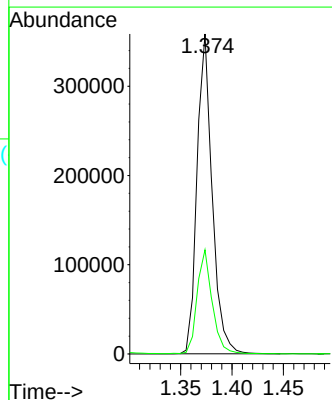
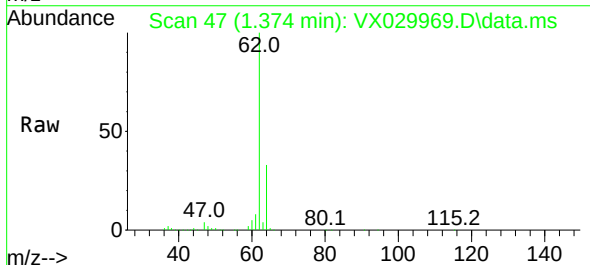
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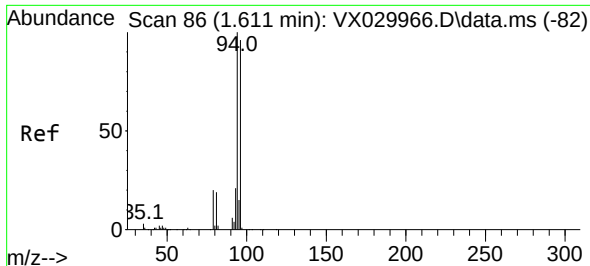
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#4
Vinyl Chloride
Concen: 155.523 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

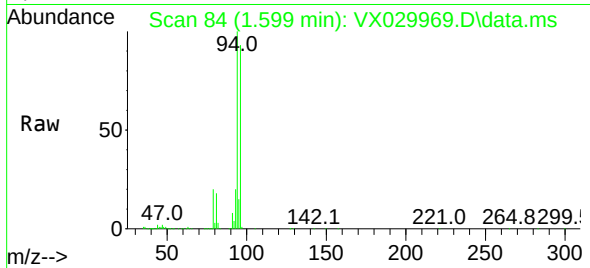
Tgt Ion: 62 Resp: 367926
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.2





#5
Bromomethane
Concen: 116.543 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

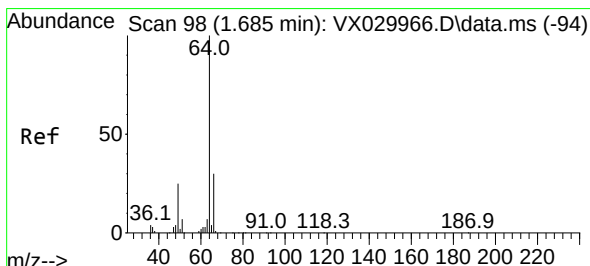
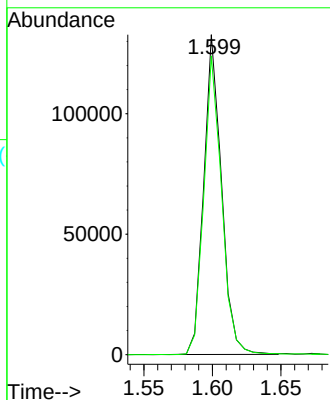
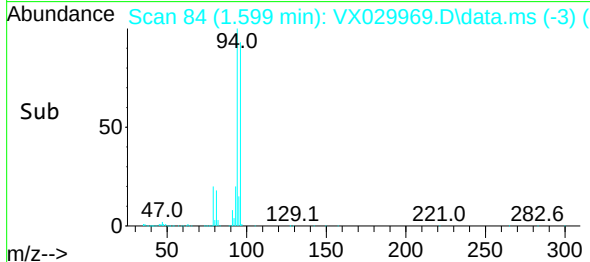
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 11977
Ion Ratio Lower Upper
94 100
96 93.5 77.0 115.6

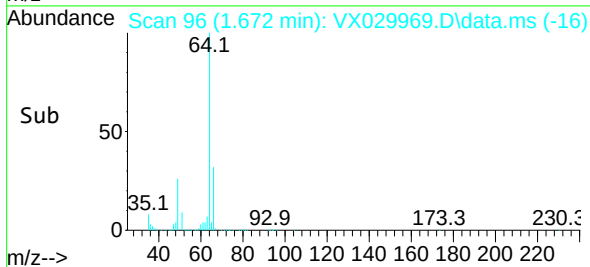
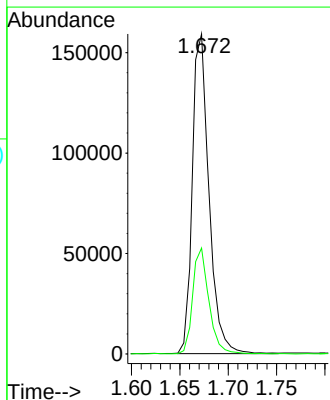
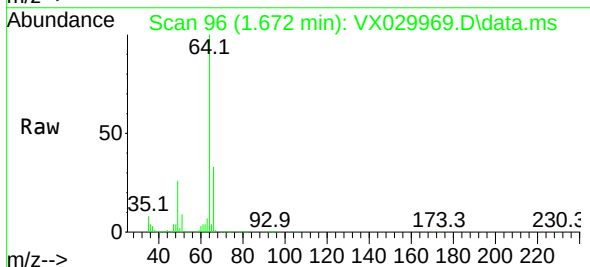
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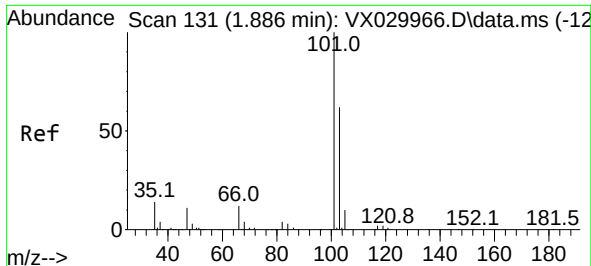
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#6
Chloroethane
Concen: 149.414 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

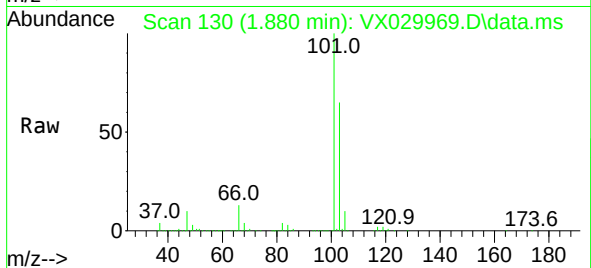
Tgt Ion: 64 Resp: 190839
Ion Ratio Lower Upper
64 100
66 33.1 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 154.755 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX029969.D
 Acq: 08 Jul 2022 13:20

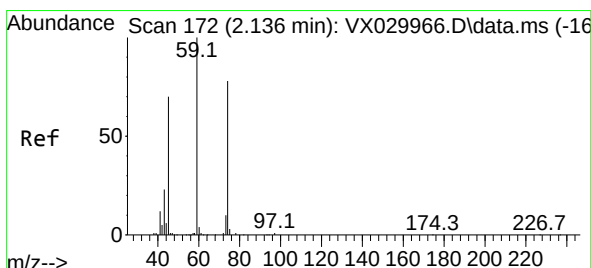
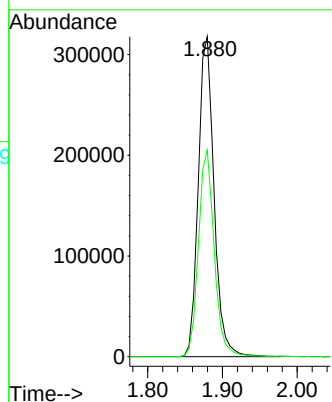
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion:101 Resp: 46455
 Ion Ratio Lower Upper
 101 100
 103 64.6 49.6 74.4

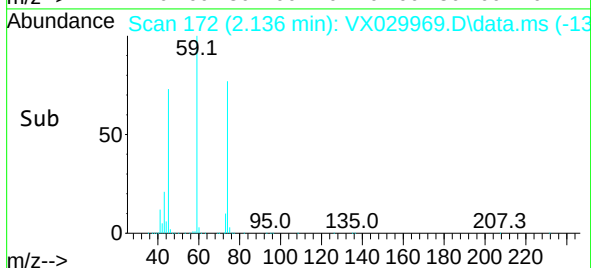
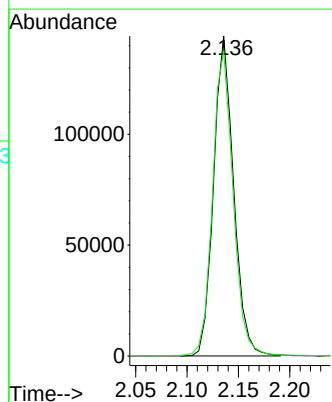
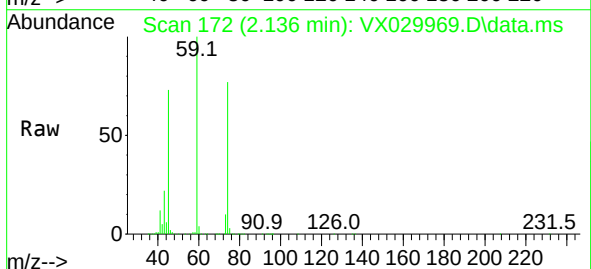
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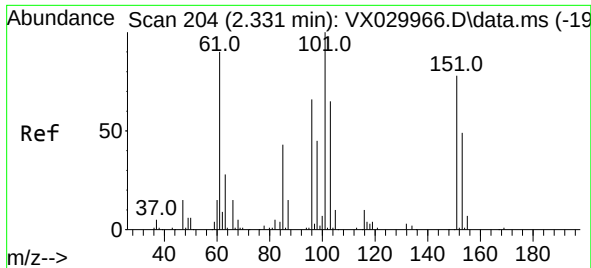
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#8
 Diethyl Ether
 Concen: 152.864 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX029969.D
 Acq: 08 Jul 2022 13:20

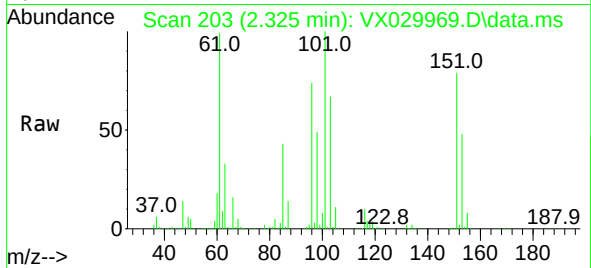
Tgt Ion: 74 Resp: 195668
 Ion Ratio Lower Upper
 74 100
 45 97.9 18.7 168.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 149.979 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

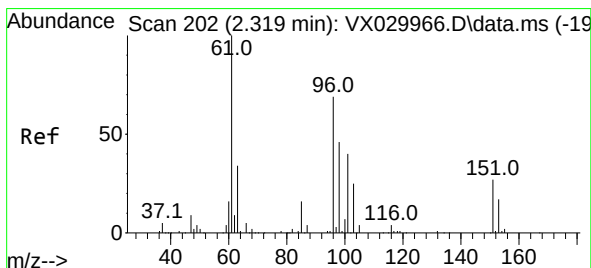
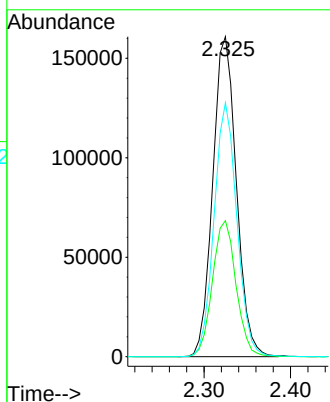
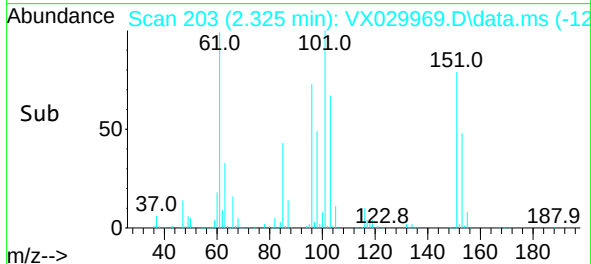
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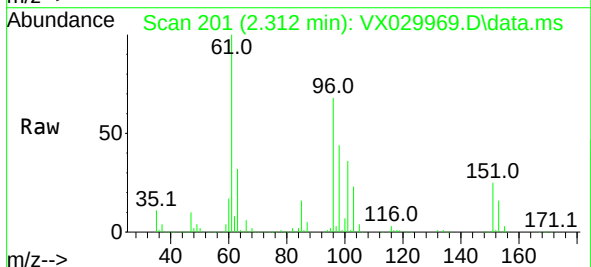
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Ion Ratio Lower Upper
101 100
85 42.5 0.0 84.6
151 76.8 0.0 165.4

Manual Integrations
APPROVED

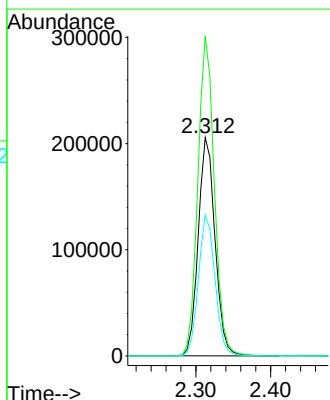
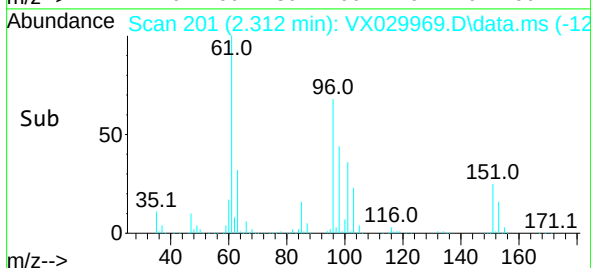
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

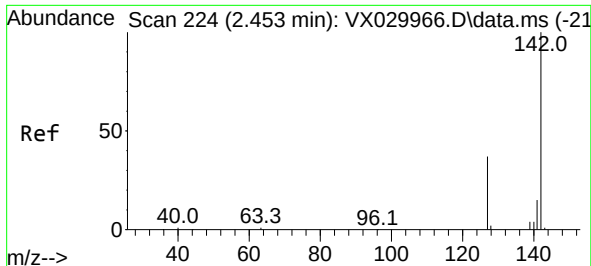


#10
1,1-Dichloroethene
Concen: 155.836 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20



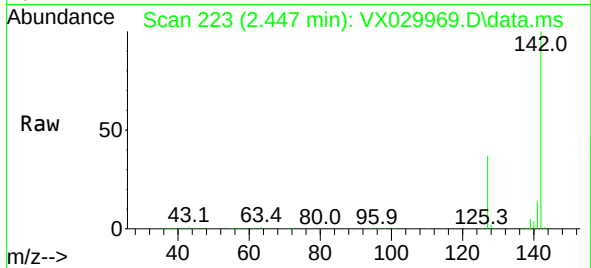
Tgt Ion: 96 Resp: 321172
Ion Ratio Lower Upper
96 100
61 146.6 122.6 183.8
98 64.5 50.1 75.1





#11
Methyl Iodide
Concen: 240.958 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

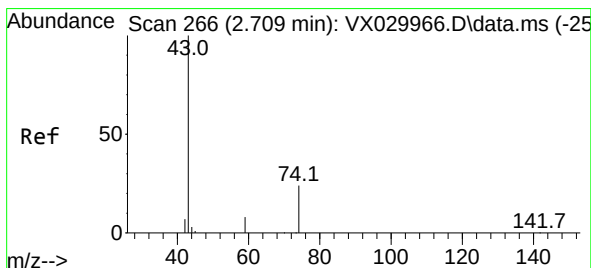
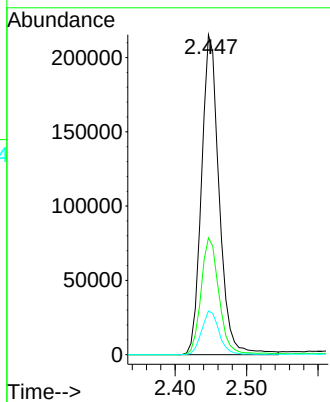
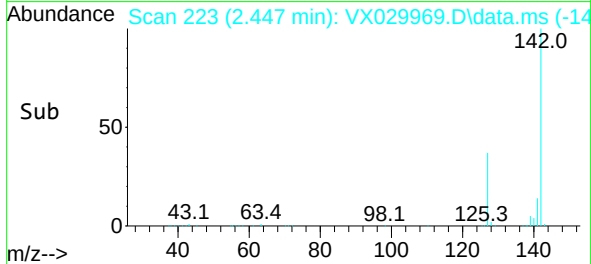
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 370140
Ion Ratio Lower Upper
142 100
127 36.5 22.3 66.9
141 13.6 7.0 20.9

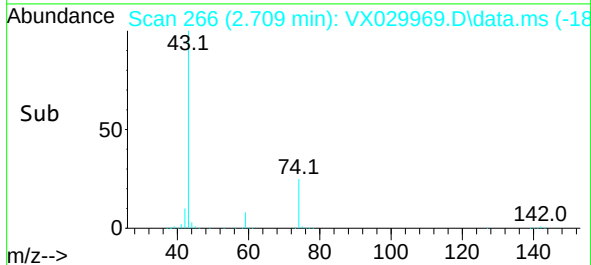
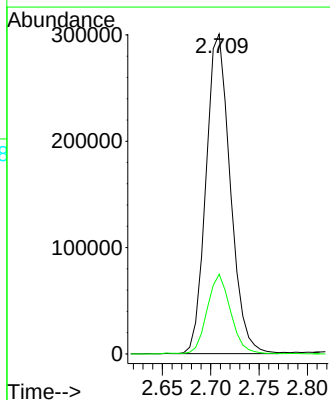
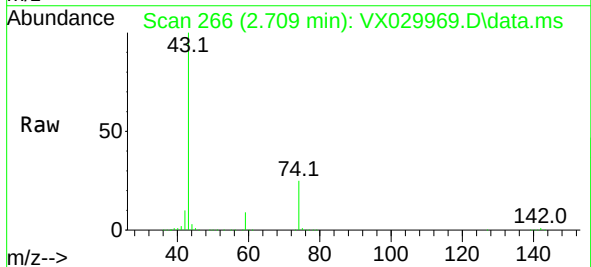
Manual Integrations
APPROVED

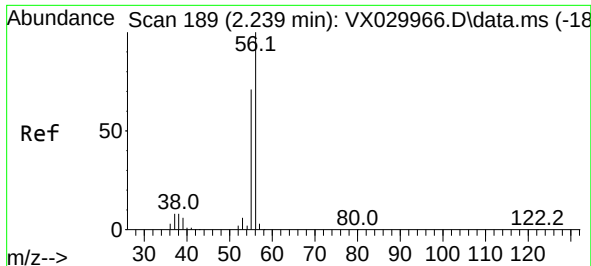
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#12
Methyl Acetate
Concen: 156.555 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

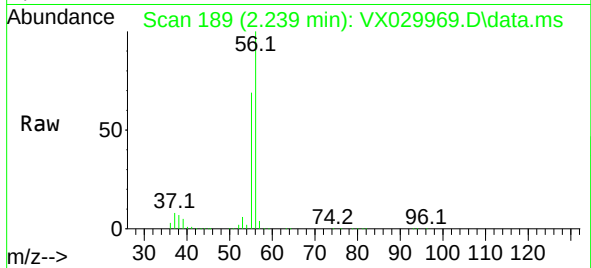
Tgt Ion: 43 Resp: 524978
Ion Ratio Lower Upper
43 100
74 24.8 22.1 33.1





#13
Acrolein
Concen: 809.338 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

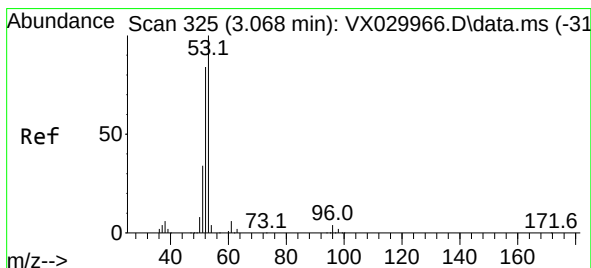
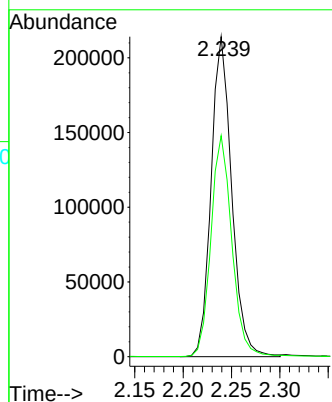
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 31660
Ion Ratio Lower Upper
56 100
55 69.7 56.4 84.6

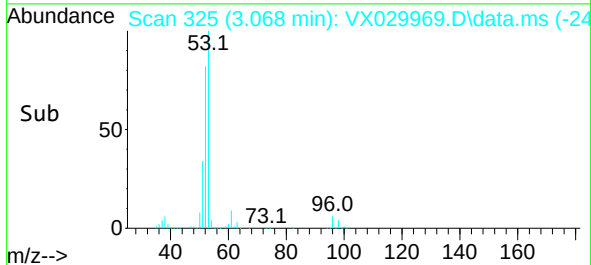
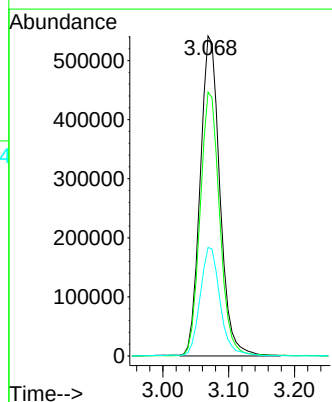
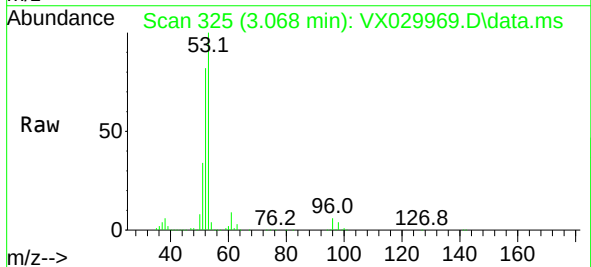
Manual Integrations
APPROVED

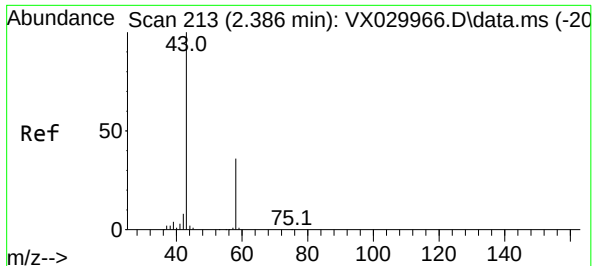
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#14
Acrylonitrile
Concen: 781.451 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

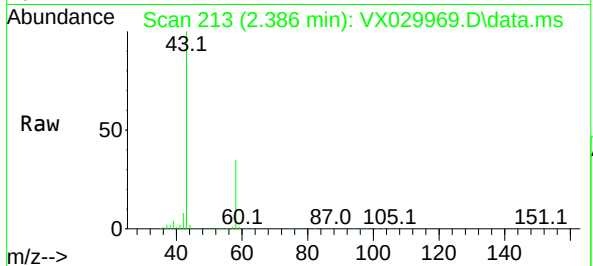
Tgt Ion: 53 Resp: 1128202
Ion Ratio Lower Upper
53 100
52 81.4 41.5 124.5
51 34.3 18.1 54.4





#15
Acetone
Concen: 777.541 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

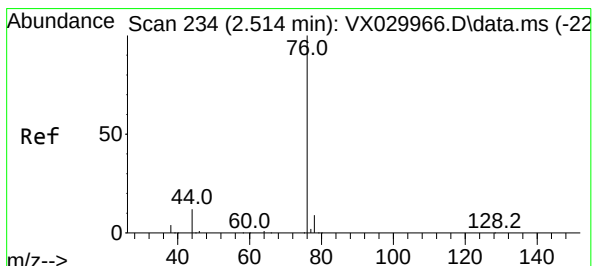
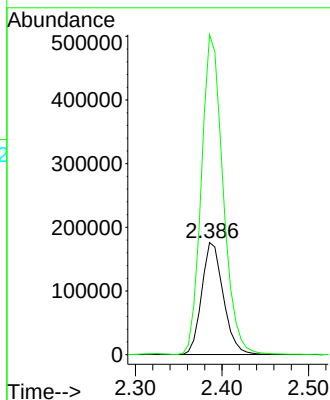
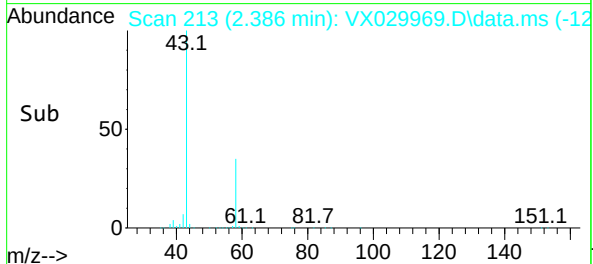
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



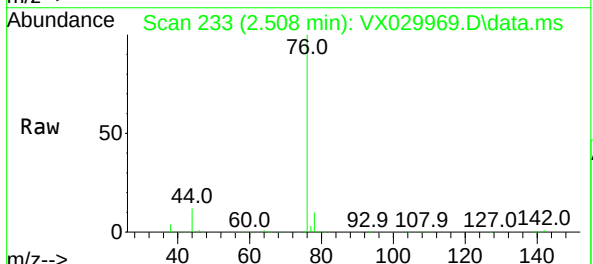
Tgt Ion: 58 Resp: 30524
Ion Ratio Lower Upper
58 100
43 285.4 250.2 375.2

Manual Integrations
APPROVED

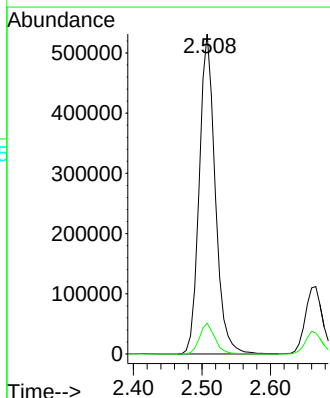
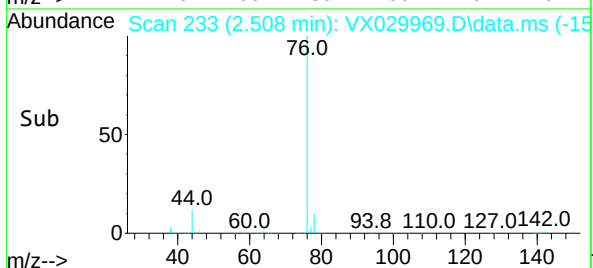
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

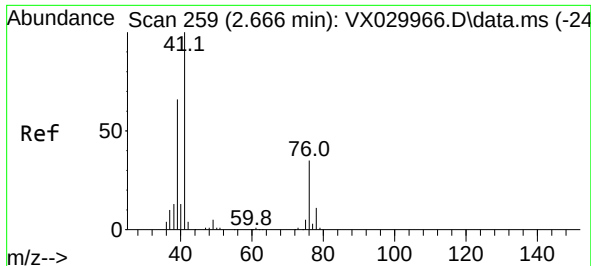


#16
Carbon Disulfide
Concen: 161.271 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20



Tgt Ion: 76 Resp: 861454
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7





#17

Allyl chloride

Concen: 158.095 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 41 Resp: 57248

Ion Ratio Lower Upper

41 100

39 64.4 35.4 106.1

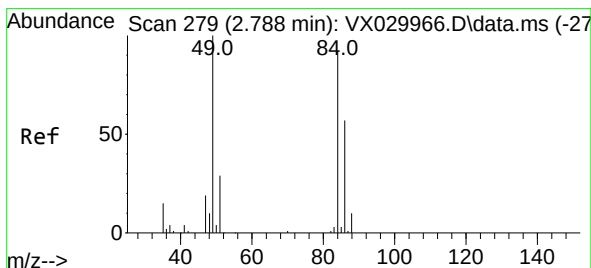
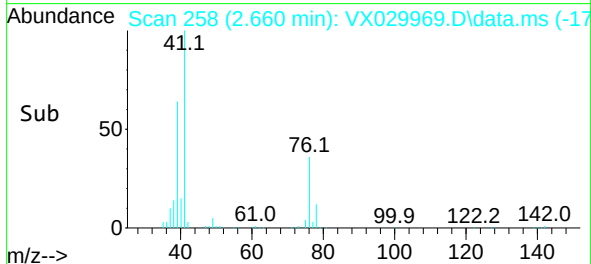
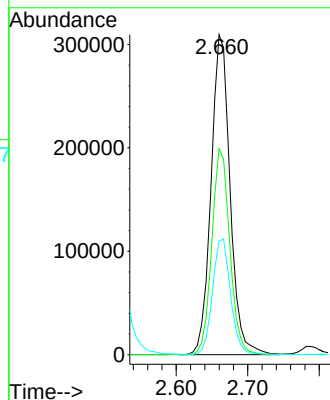
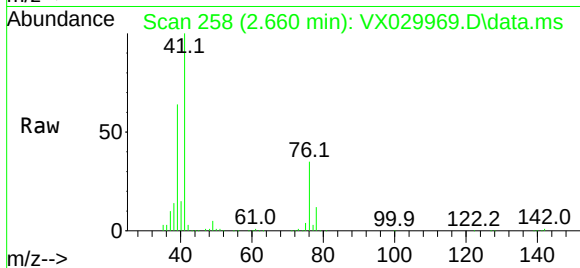
76 35.4 18.4 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#18

Methylene Chloride

Concen: 149.485 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

Tgt Ion: 84 Resp: 361973

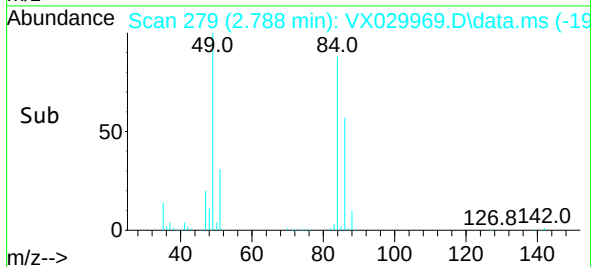
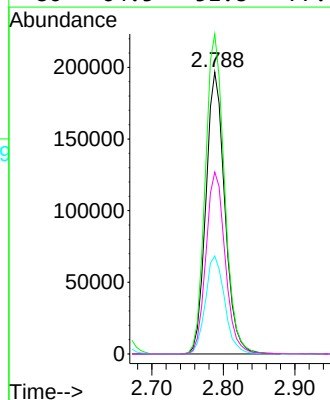
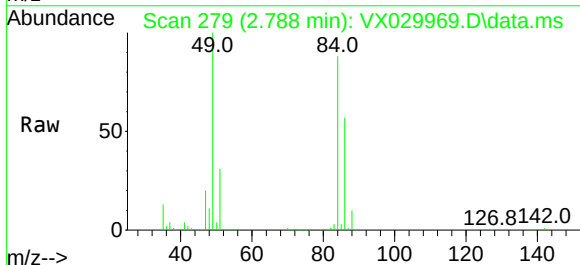
Ion Ratio Lower Upper

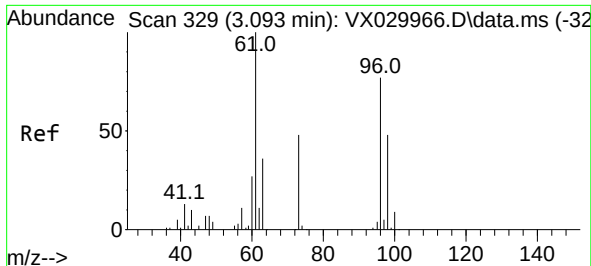
84 100

49 113.5 94.2 141.2

51 34.7 29.2 43.8

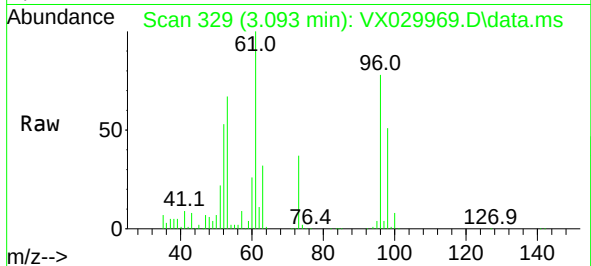
86 64.5 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 152.525 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

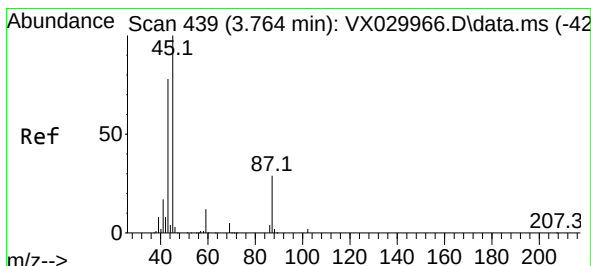
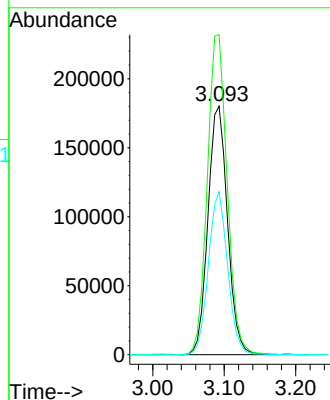
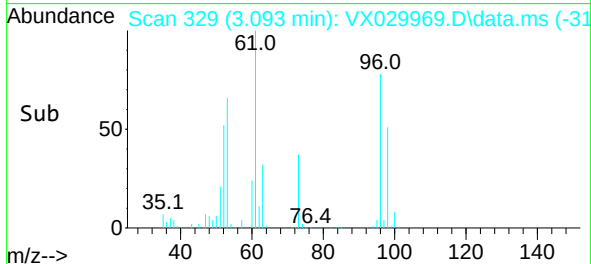
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



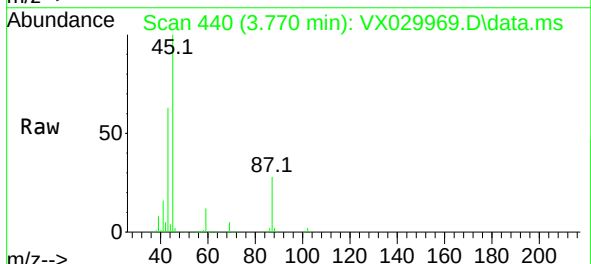
Tgt Ion: 96 Resp: 342628
Ion Ratio Lower Upper
96 100
61 128.8 108.7 163.1
98 65.6 49.2 73.8

Manual Integrations
APPROVED

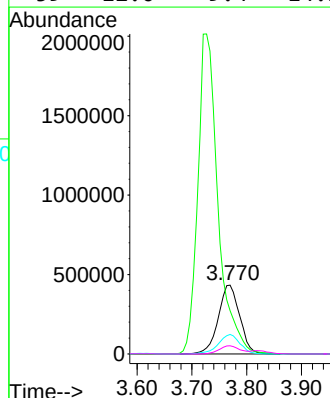
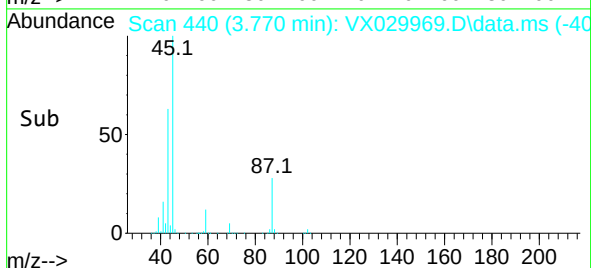
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

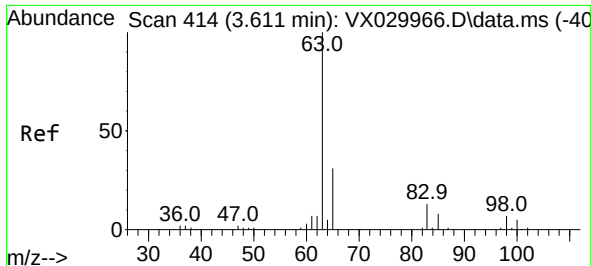


#20
Diisopropyl ether
Concen: 162.897 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.012 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20



Tgt Ion: 45 Resp: 1174243
Ion Ratio Lower Upper
45 100
43 62.2 70.3 105.5#
87 28.3 24.5 36.7
59 12.0 9.4 14.2





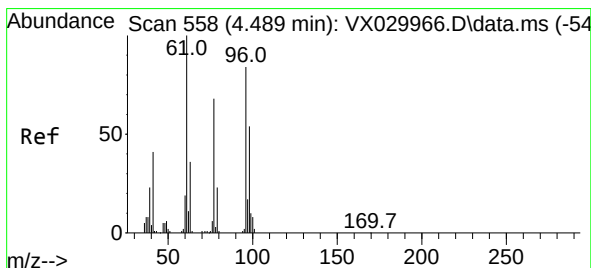
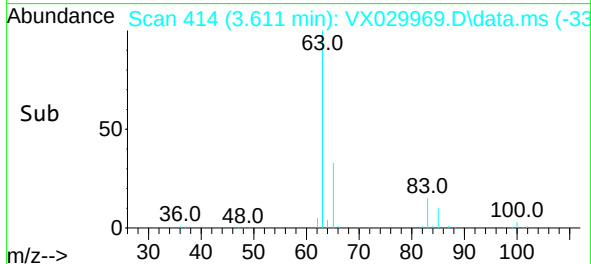
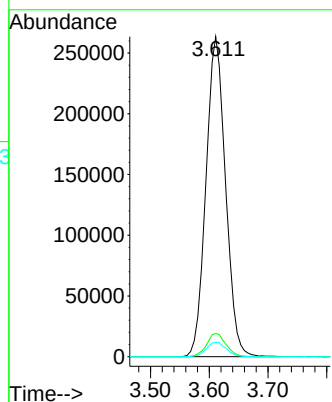
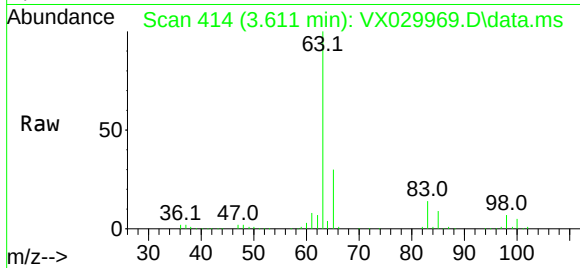
#21
1,1-Dichloroethane
Concen: 155.566 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 60956
Ion Ratio Lower Upper
63 100
98 7.2 3.8 11.2
100 4.5 2.5 7.5

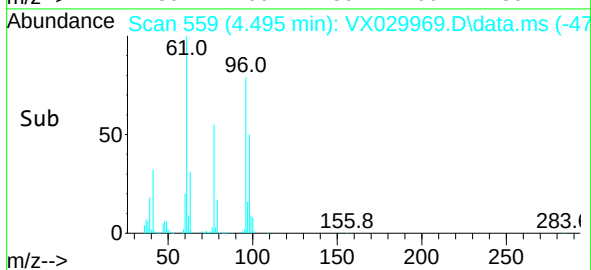
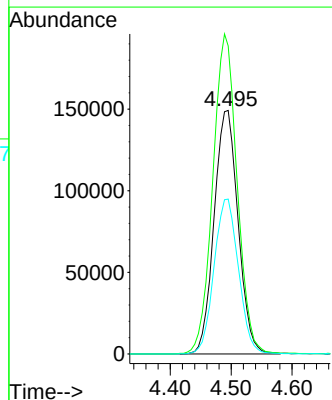
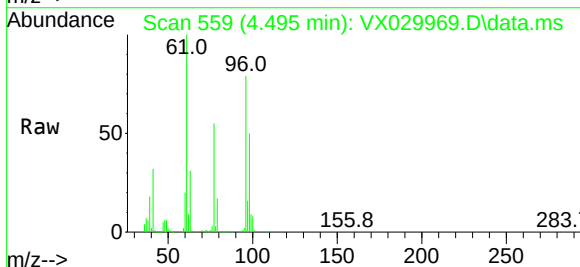
Manual Integrations
APPROVED

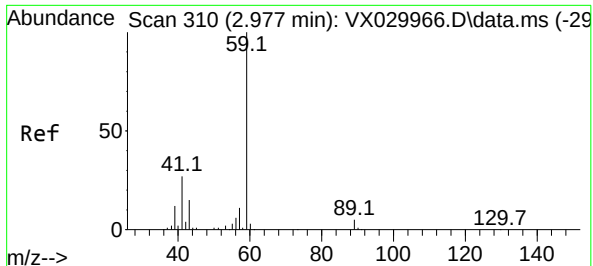
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#22
cis-1,2-Dichloroethene
Concen: 153.542 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Tgt Ion: 96 Resp: 409005
Ion Ratio Lower Upper
96 100
61 133.0 107.4 161.2
98 64.6 51.1 76.7





#23

tert-Butyl Alcohol

Concen: 707.920 ug/l

RT: 3.014 min Scan# 310

Delta R.T. 0.061 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 47749

Ion Ratio Lower Upper

59 100

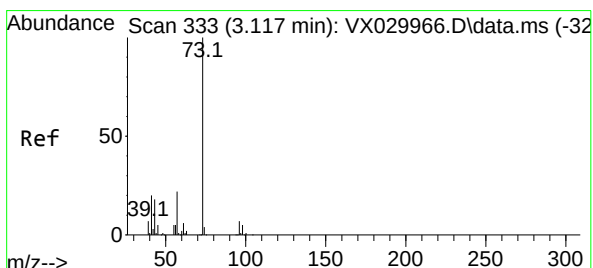
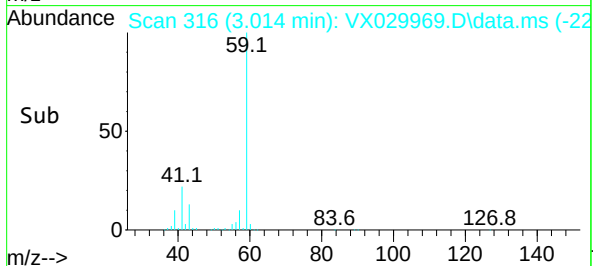
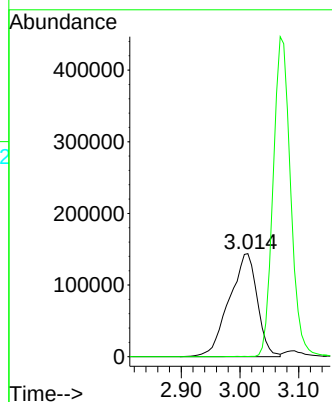
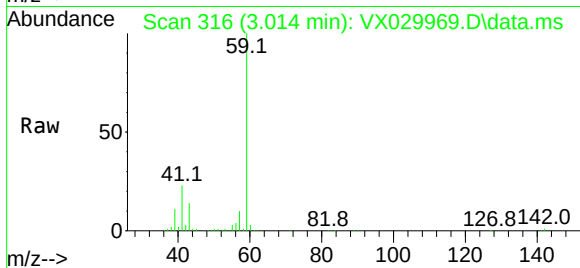
52 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#24

Methyl tert-Butyl Ether

Concen: 157.507 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX029969.D

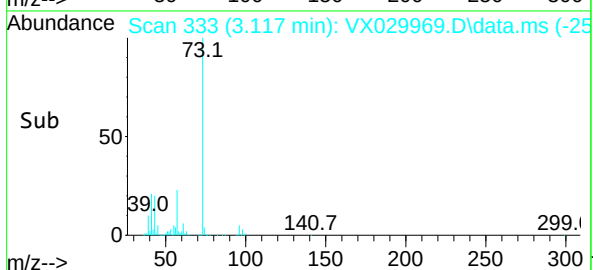
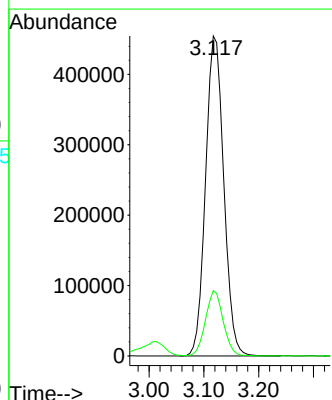
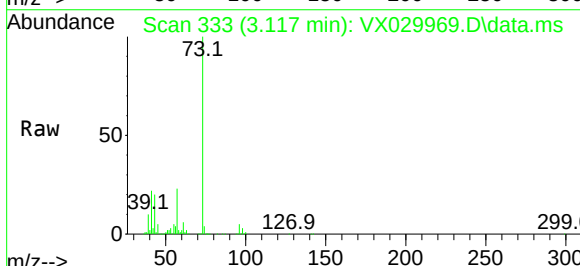
Acq: 08 Jul 2022 13:20

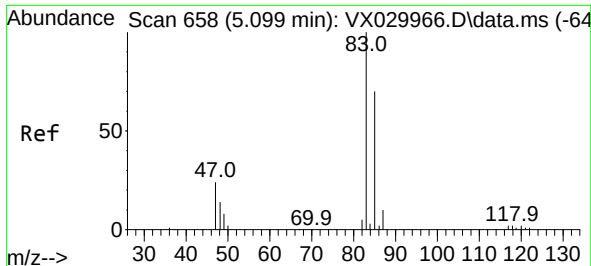
Tgt Ion: 73 Resp: 1044923

Ion Ratio Lower Upper

73 100

43 19.8 16.0 24.0





#25

Chloroform

Concen: 158.503 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 616578

Ion Ratio Lower Upper

83 100

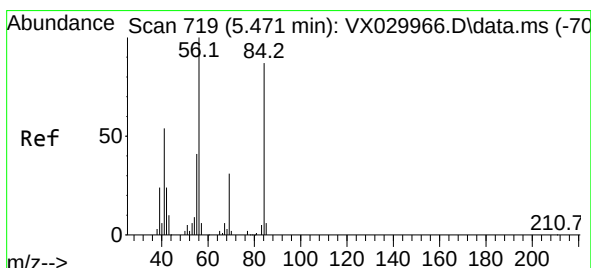
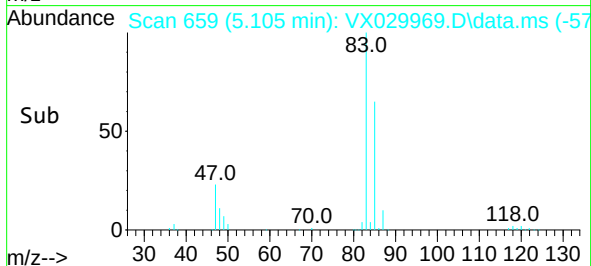
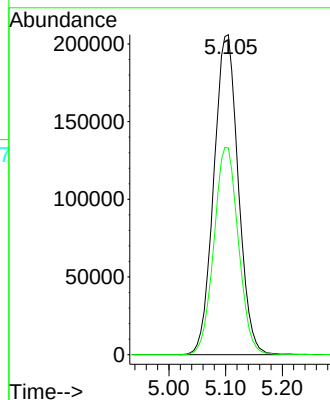
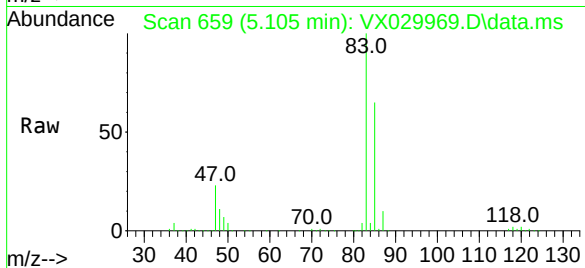
85 64.6 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#26

Cyclohexane

Concen: 156.702 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

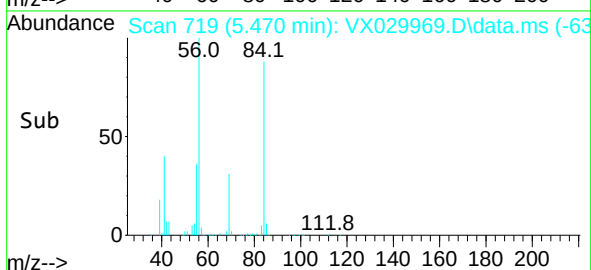
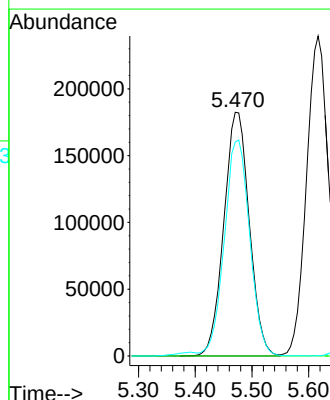
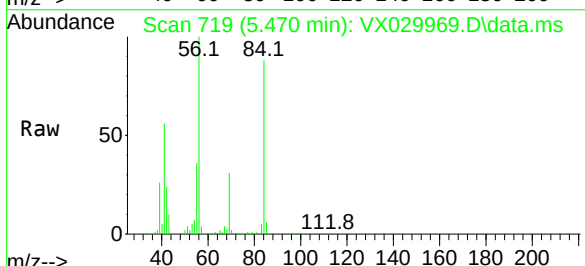
Tgt Ion: 56 Resp: 568043

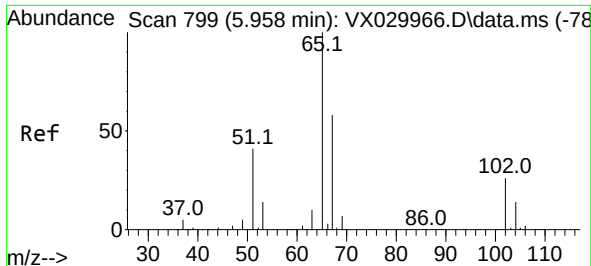
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.6 76.2 114.2





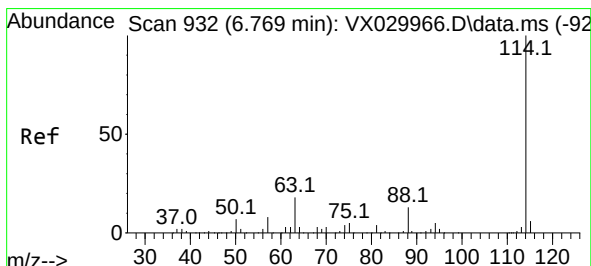
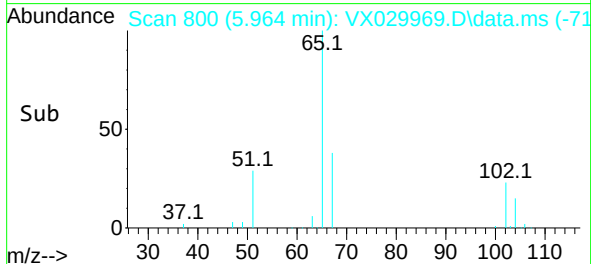
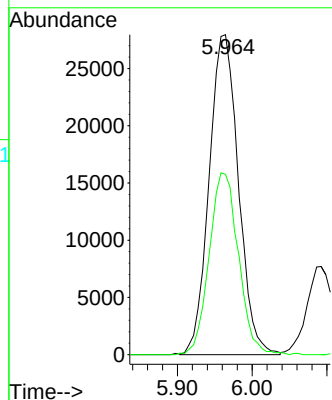
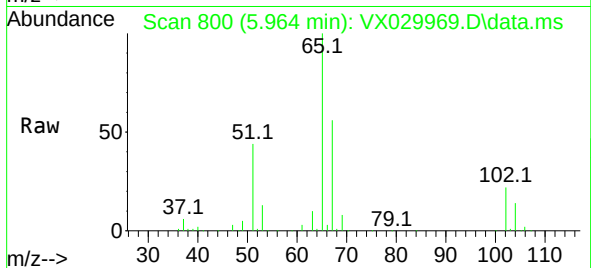
#27
1,2-Dichloroethane-d4
Concen: 32.124 ug/l
RT: 5.964 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 76179
Ion Ratio Lower Upper
65 100
67 56.7 42.3 63.5

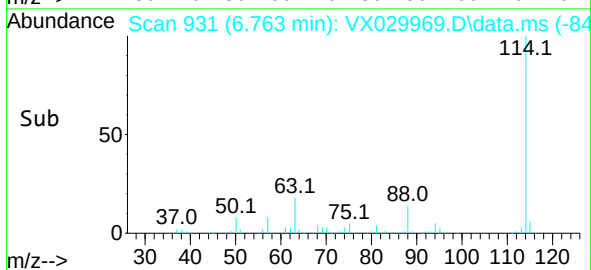
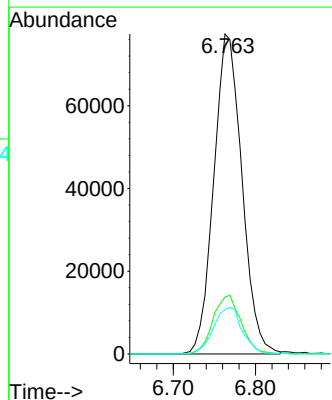
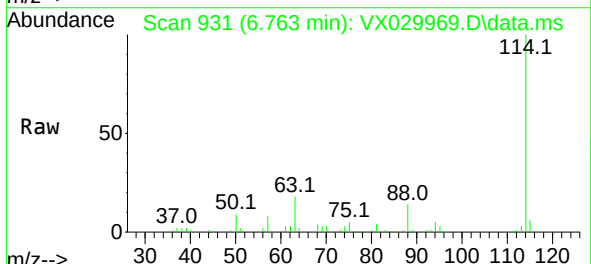
Manual Integrations
APPROVED

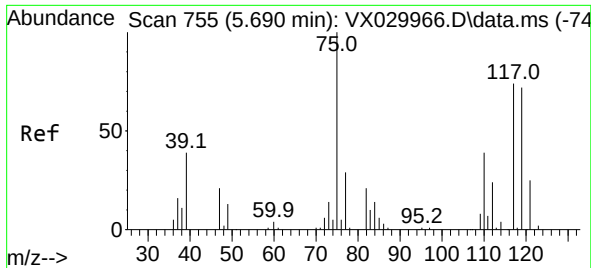
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Tgt Ion:114 Resp: 183651
Ion Ratio Lower Upper
114 100
63 18.4 15.3 22.9
88 14.9 12.2 18.4





#29

1,1-Dichloropropene

Concen: 146.529 ug/l

RT: 5.696 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 462480

Ion Ratio Lower Upper

75 100

110 38.9 0.0 73.6

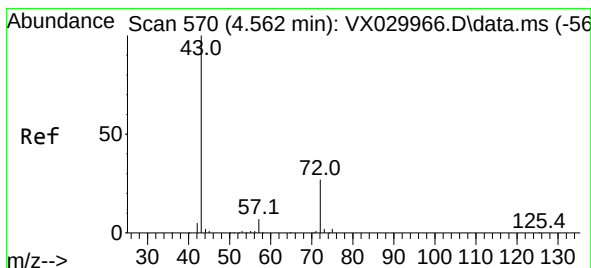
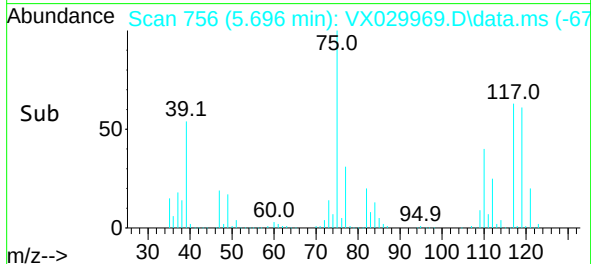
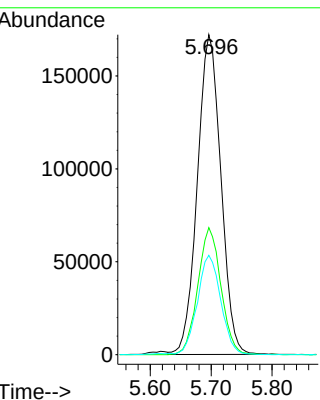
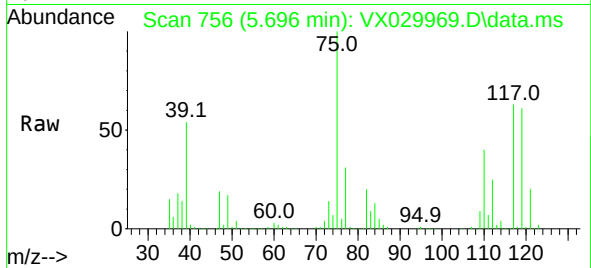
77 30.9 0.0 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#30

2-Butanone

Concen: 730.026 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

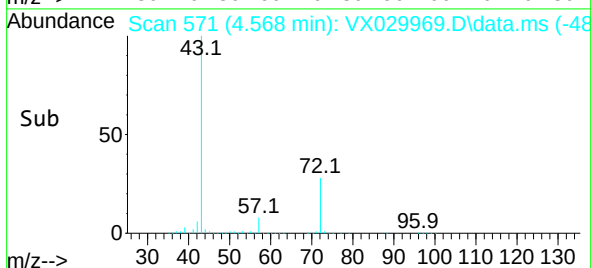
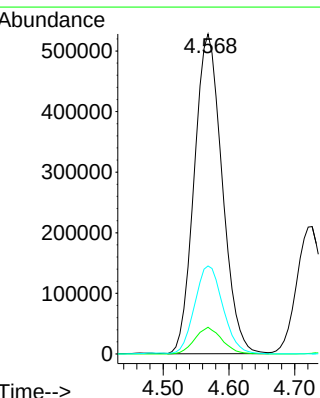
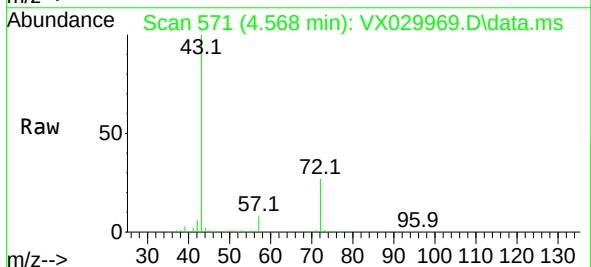
Tgt Ion: 43 Resp: 1556335

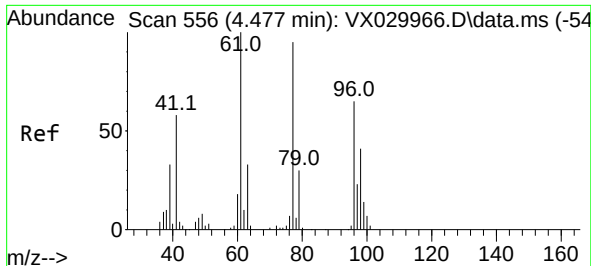
Ion Ratio Lower Upper

43 100

57 8.1 6.6 10.0

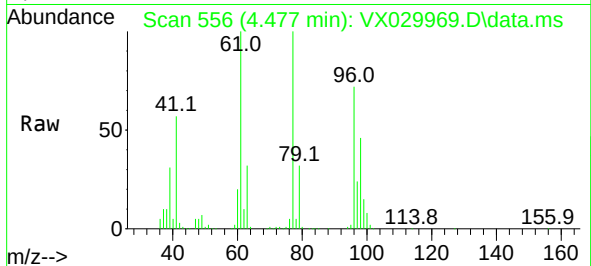
72 28.0 22.1 33.1





#31
2,2-Dichloropropane
Concen: 149.190 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

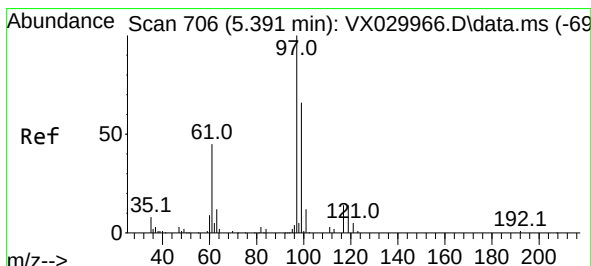
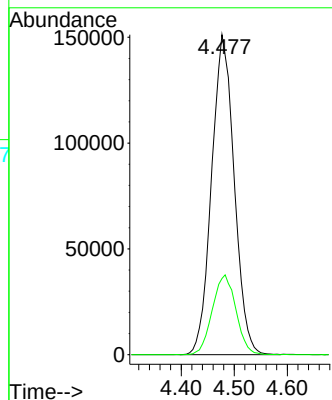
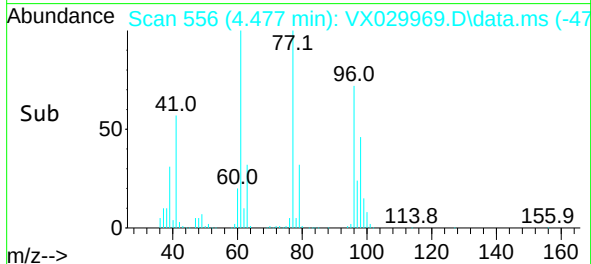
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



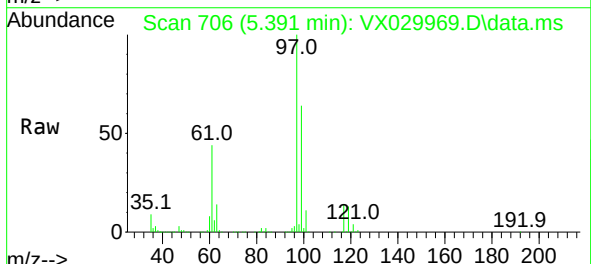
Tgt Ion: 77 Resp: 448458
Ion Ratio Lower Upper
77 100
97 26.0 18.4 27.6

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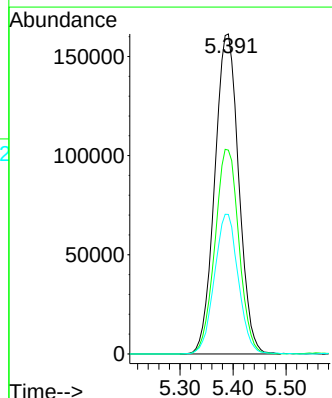
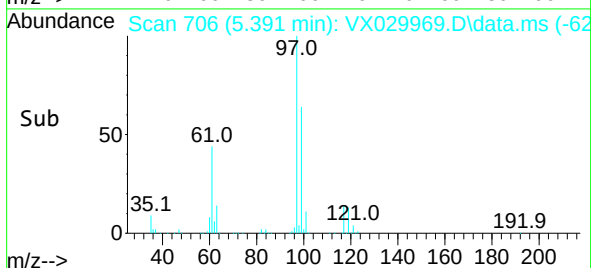
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

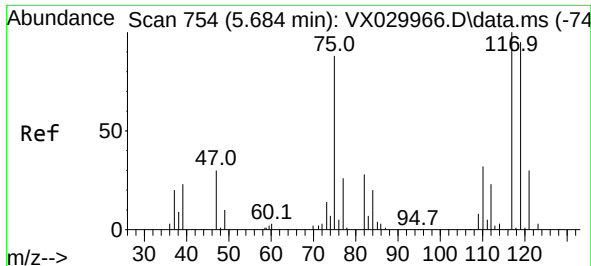


#32
1,1,1-Trichloroethane
Concen: 150.304 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20



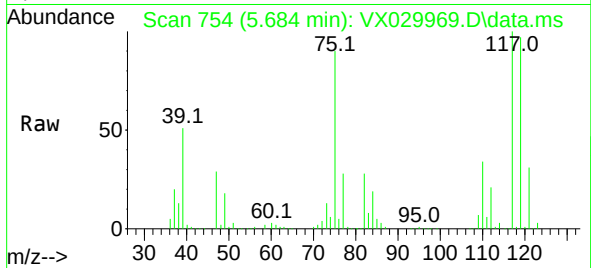
Tgt Ion: 97 Resp: 507538
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.8
61 43.5 33.4 50.0





#33
Carbon Tetrachloride
Concen: 151.118 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

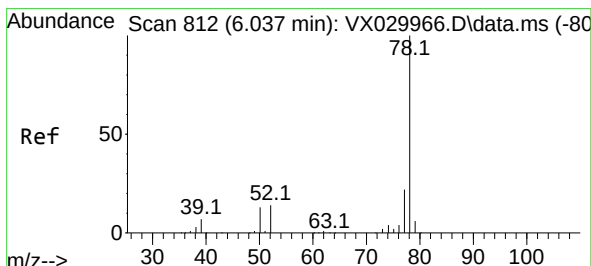
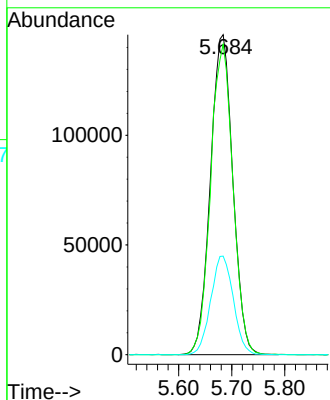
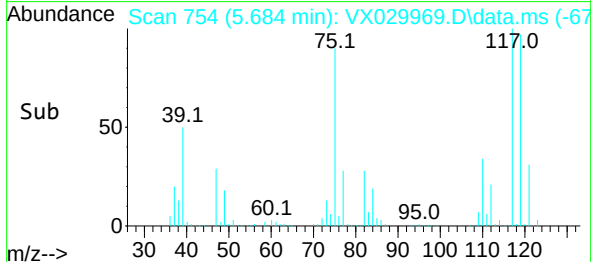
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 428124
Ion Ratio Lower Upper
117 100
119 96.9 75.3 112.9
121 30.8 24.1 36.1

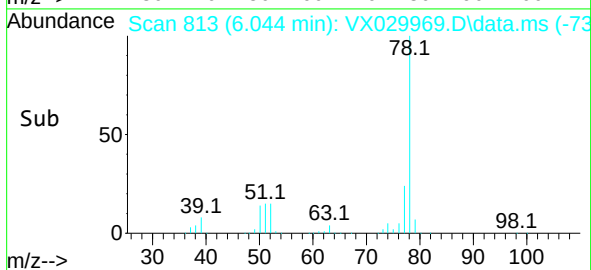
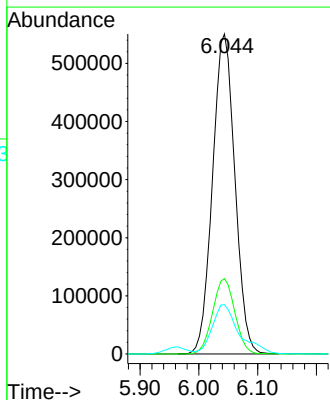
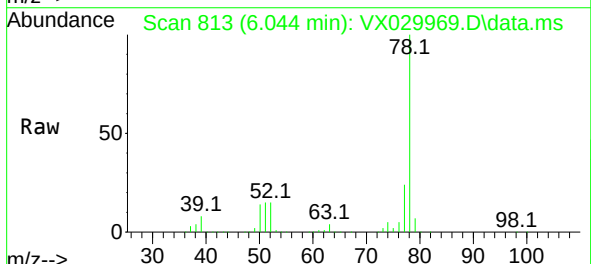
Manual Integrations
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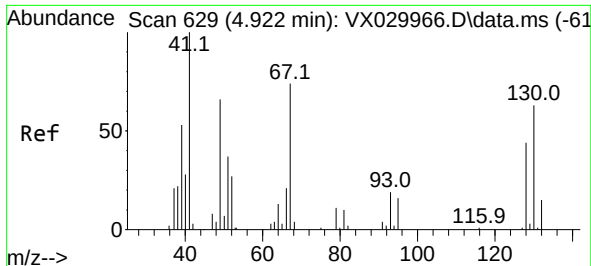
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#34
Benzene
Concen: 142.933 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Tgt Ion: 78 Resp: 1456773
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7
51 15.2 12.9 19.3





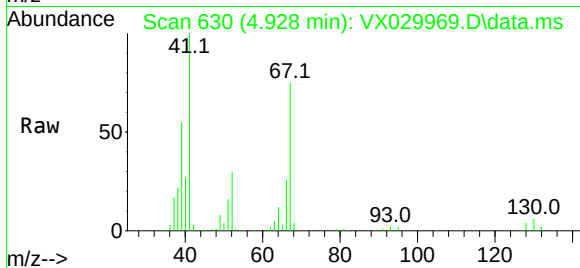
#35
Methacrylonitrile
Concen: 154.262 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



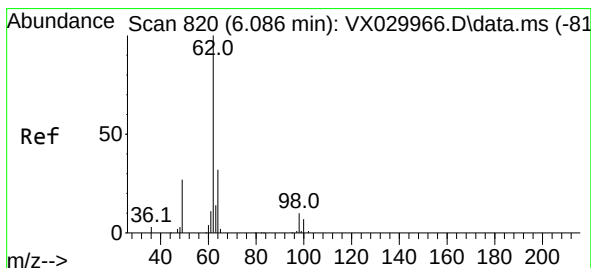
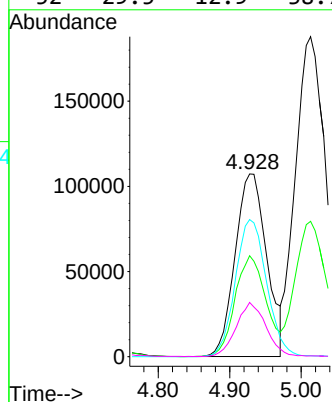
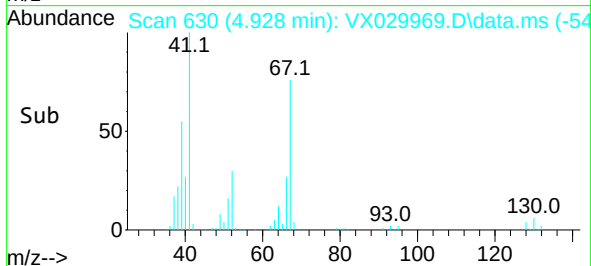
Tgt Ion: 41 Resp: 329230
Ion Ratio Lower Upper
41 100
39 55.3 27.0 81.0
67 75.1 33.3 99.8
52 29.5 12.9 38.7

Manual Integrations

APPROVED

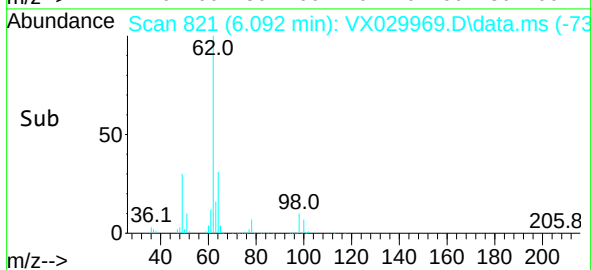
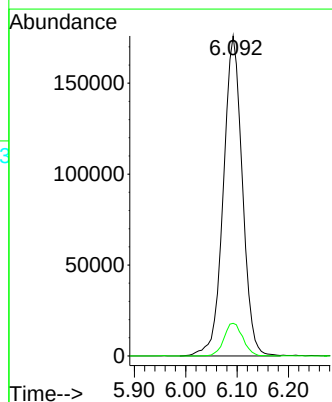
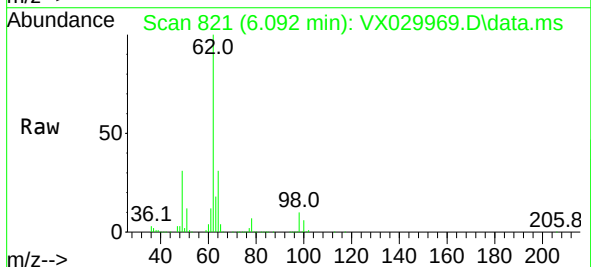
Reviewed By :John Carlone 07/11/2022

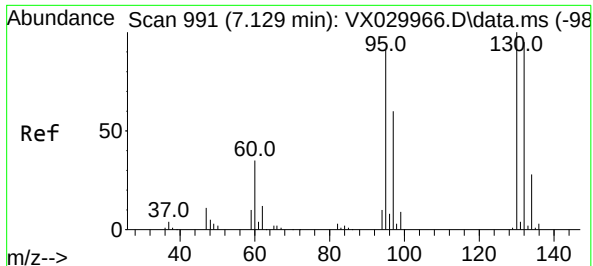
Supervised By :Mahesh Dadoda 07/11/2022



#36
1,2-Dichloroethane
Concen: 146.270 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

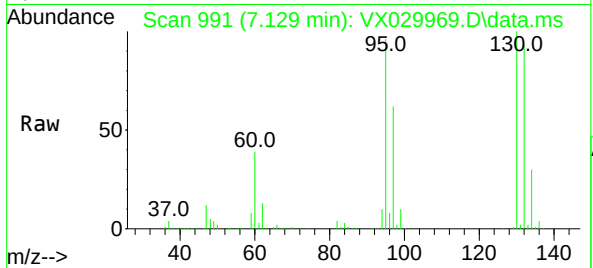
Tgt Ion: 62 Resp: 451784
Ion Ratio Lower Upper
62 100
98 10.2 7.4 11.0





#37
Trichloroethene
Concen: 142.585 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

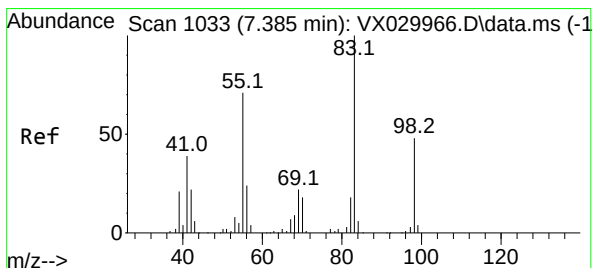
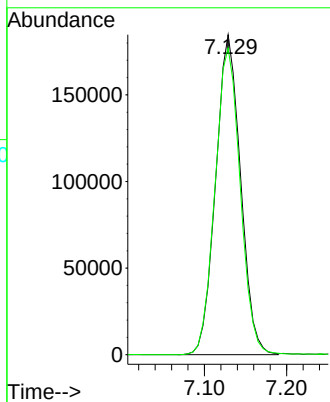
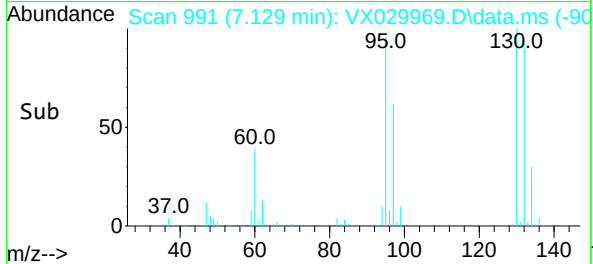
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:130 Resp: 388836
Ion Ratio Lower Upper
130 100
95 95.8 76.5 114.7

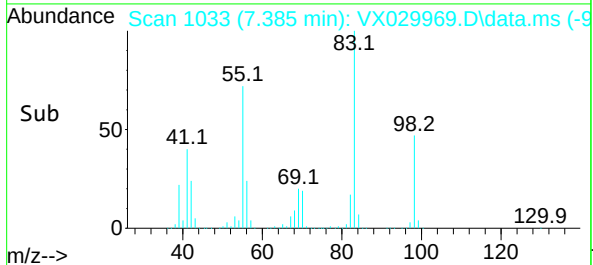
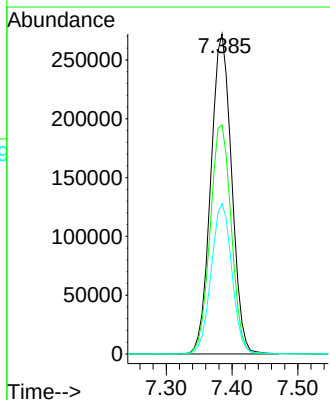
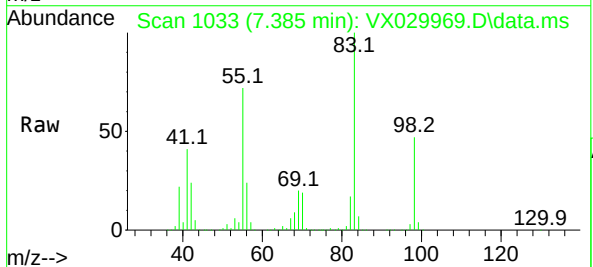
Manual Integrations
APPROVED

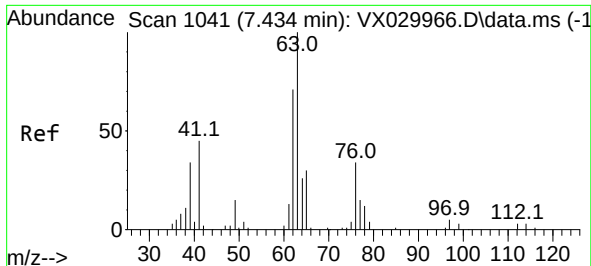
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#38
Methylcyclohexane
Concen: 146.569 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Tgt Ion: 83 Resp: 600236
Ion Ratio Lower Upper
83 100
55 72.4 37.0 110.9
98 46.9 25.9 77.8





#39

1,2-Dichloropropane

Concen: 143.672 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 372379

Ion Ratio Lower Upper

63 100

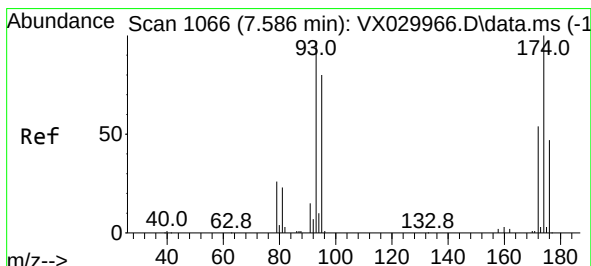
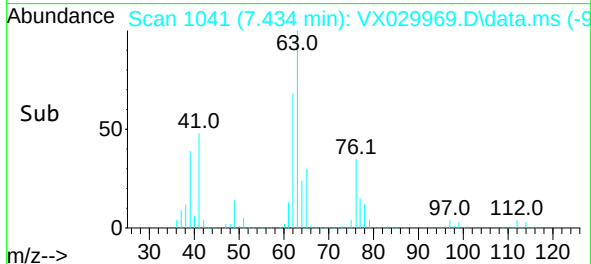
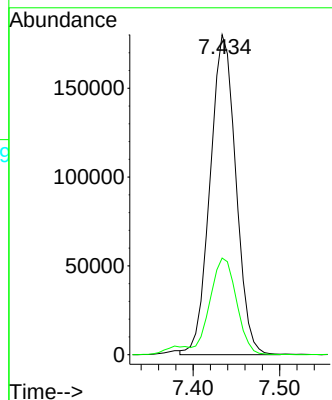
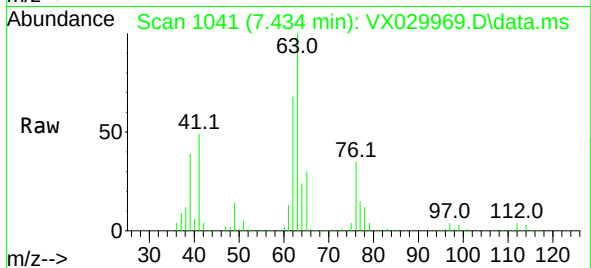
65 30.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#40

Dibromomethane

Concen: 147.531 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

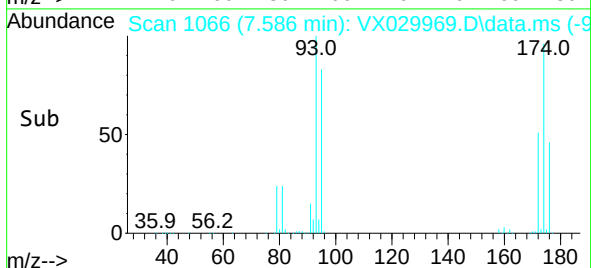
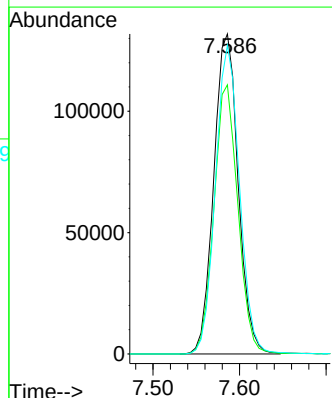
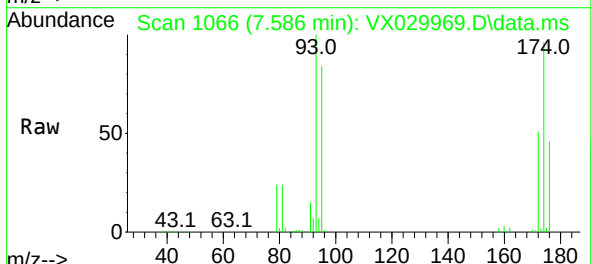
Tgt Ion: 93 Resp: 257855

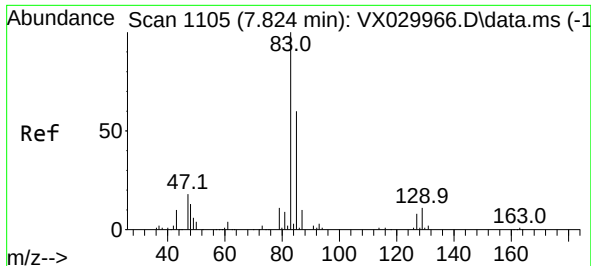
Ion Ratio Lower Upper

93 100

95 82.5 0.0 168.8

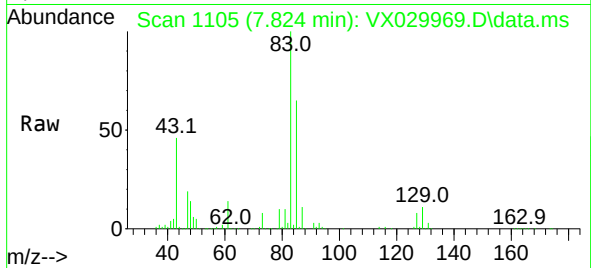
174 95.4 0.0 220.8





#41
Bromodichloromethane
Concen: 152.921 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

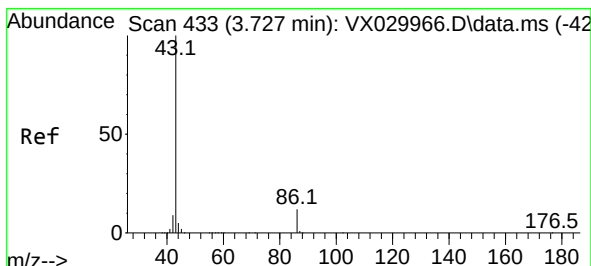
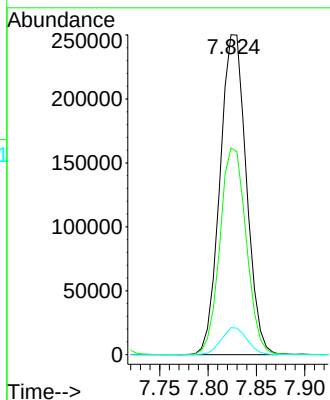
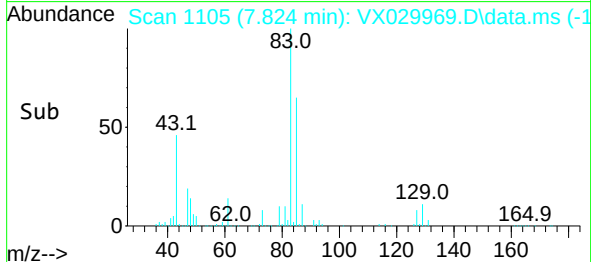
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 474022
Ion Ratio Lower Upper
83 100
85 64.6 50.6 75.8
127 8.4 7.0 10.6

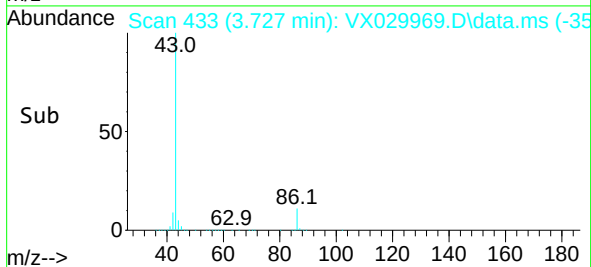
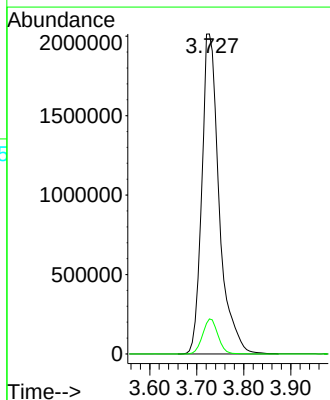
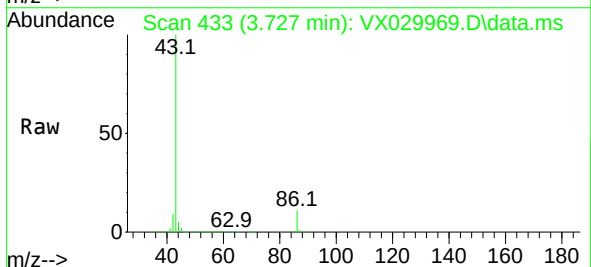
Manual Integrations
APPROVED

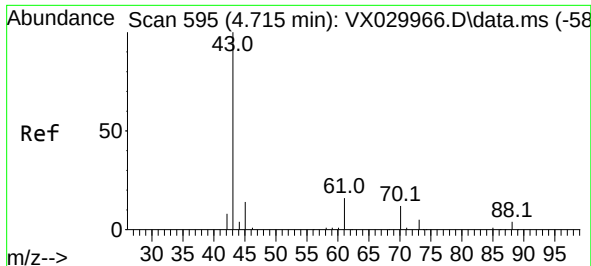
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#42
Vinyl Acetate
Concen: 764.064 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Tgt Ion: 43 Resp: 5162033
Ion Ratio Lower Upper
43 100
86 9.6 8.5 12.7





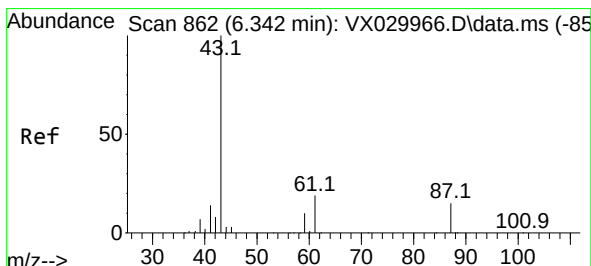
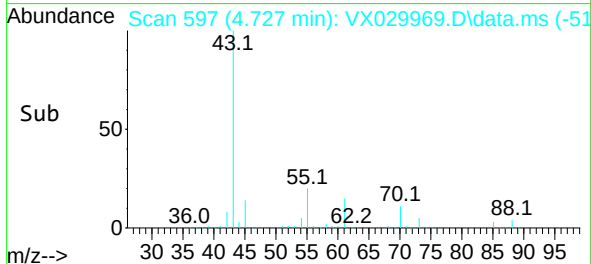
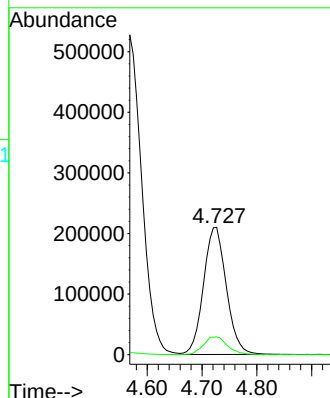
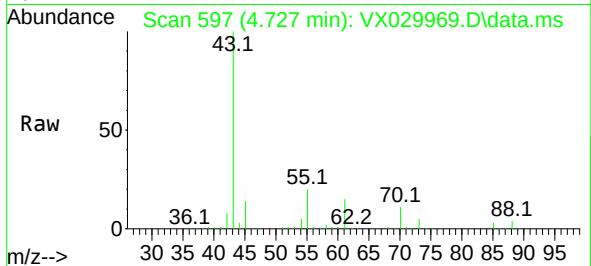
#43
Ethyl Acetate
Concen: 152.108 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 60588
Ion Ratio Lower Upper
43 100
45 14.9 11.8 17.6

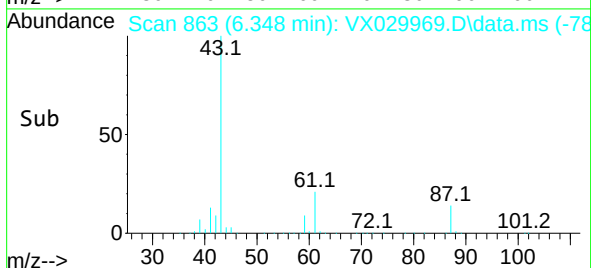
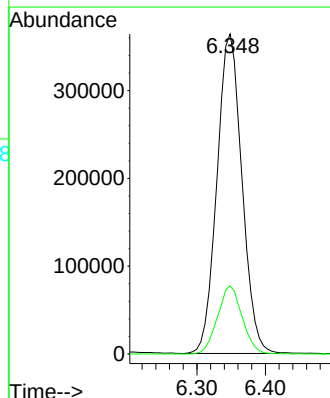
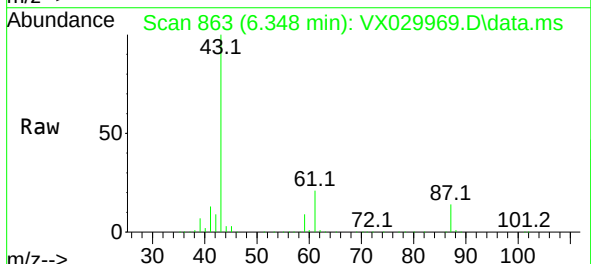
Manual Integrations
APPROVED

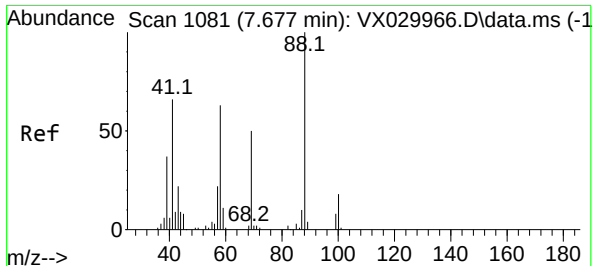
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#44
Isopropyl Acetate
Concen: 152.114 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

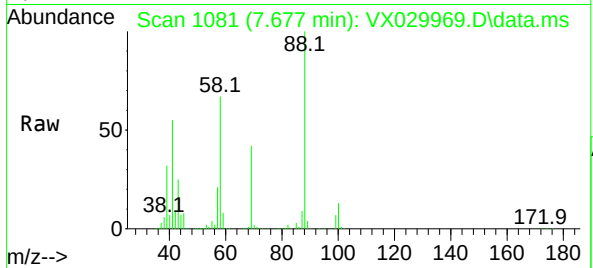
Tgt Ion: 43 Resp: 920453
Ion Ratio Lower Upper
43 100
61 21.0 17.0 25.4





#45
1,4-Dioxane
Concen: 3039.218 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

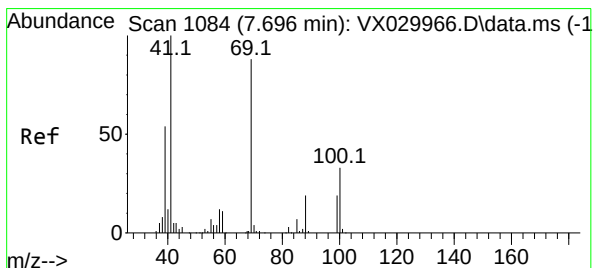
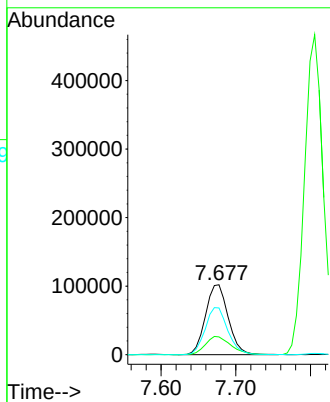
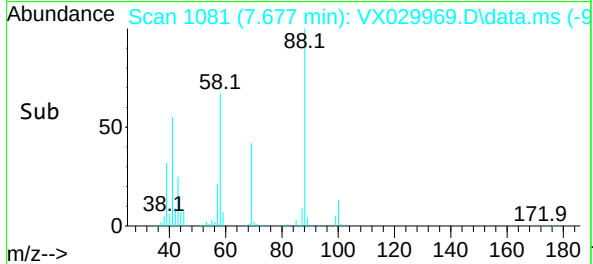
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 215932
Ion Ratio Lower Upper
88 100
43 28.9 25.8 38.6
58 67.1 54.8 82.2

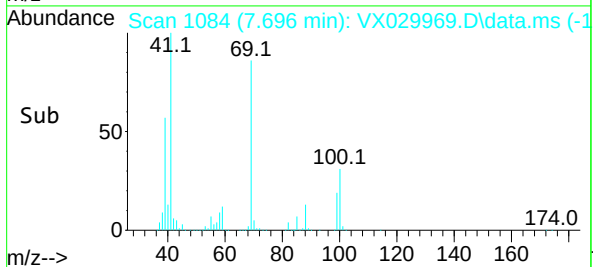
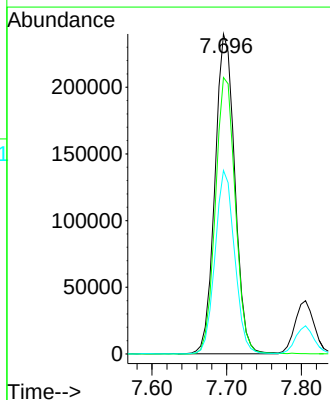
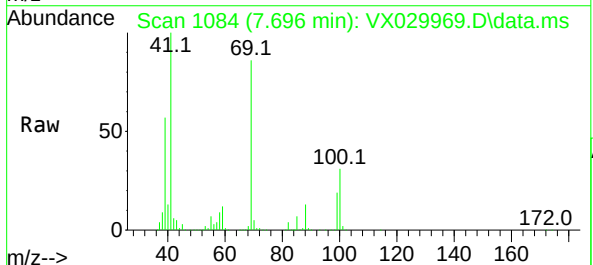
Manual Integrations
APPROVED

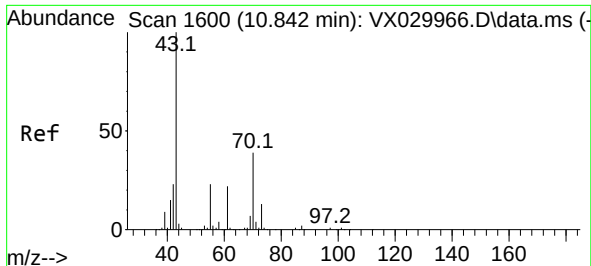
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#46
Methyl methacrylate
Concen: 155.024 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

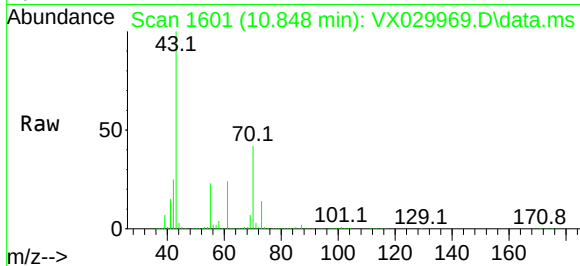
Tgt Ion: 41 Resp: 442827
Ion Ratio Lower Upper
41 100
69 86.4 41.9 125.8
39 57.4 27.5 82.5





#47
n-amy1 Acetate
Concen: 170.855 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

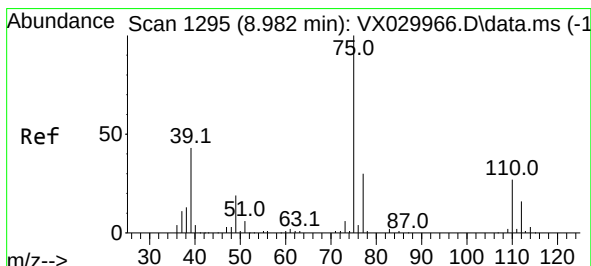
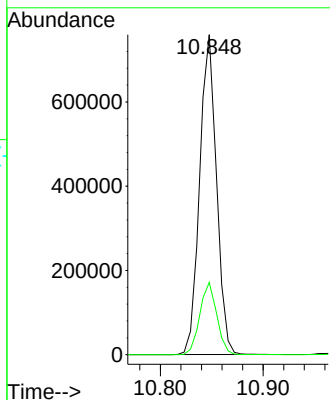
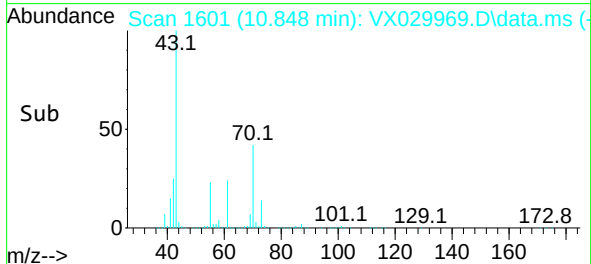
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 866552
Ion Ratio Lower Upper
43 100
55 22.8 20.4 30.6

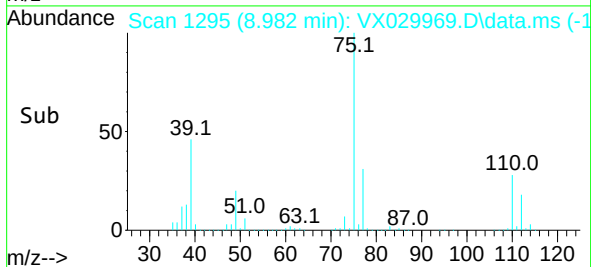
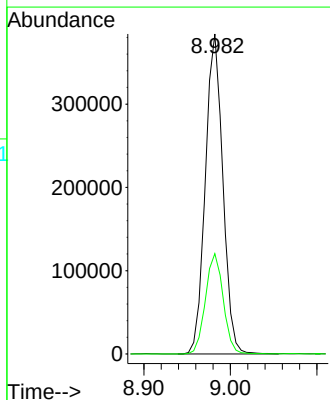
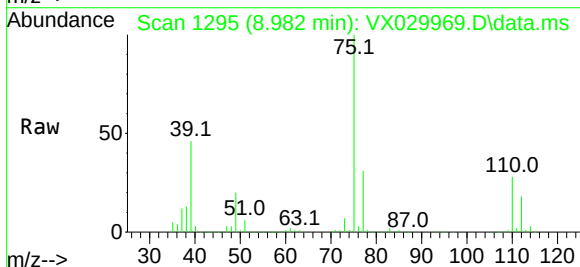
Manual Integrations
APPROVED

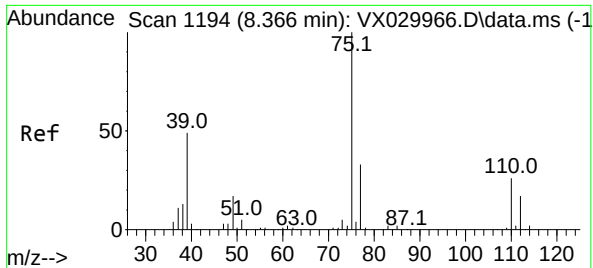
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#48
t-1,3-Dichloropropene
Concen: 158.545 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Tgt Ion: 75 Resp: 539086
Ion Ratio Lower Upper
75 100
77 31.4 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 156.326 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 59863

Ion Ratio Lower Upper

75 100

77 33.6 25.2 37.8

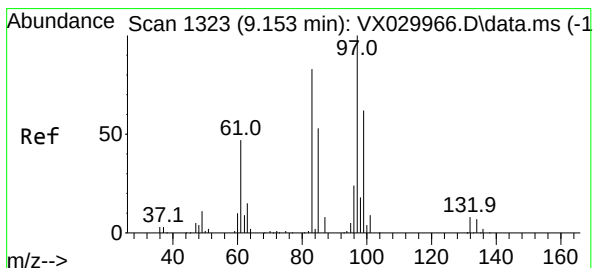
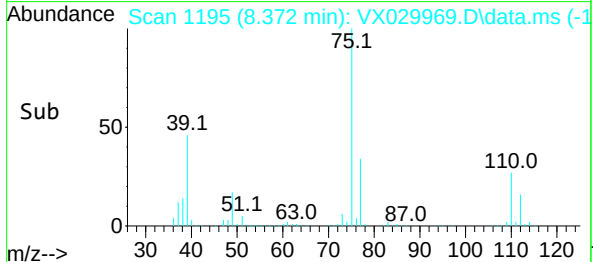
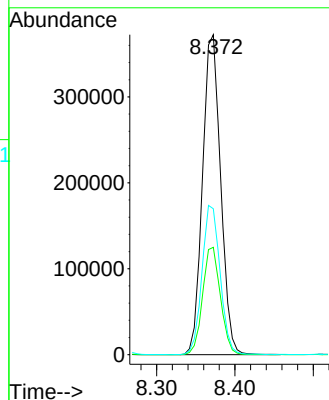
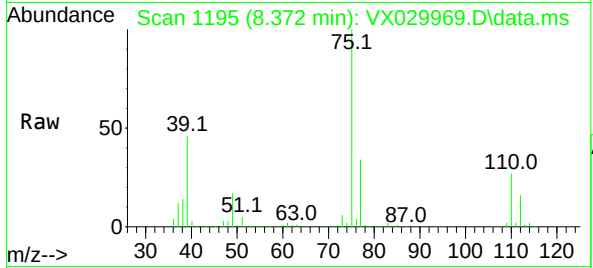
39 45.6 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#50

1,1,2-Trichloroethane

Concen: 144.834 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

Tgt Ion: 97 Resp: 376389

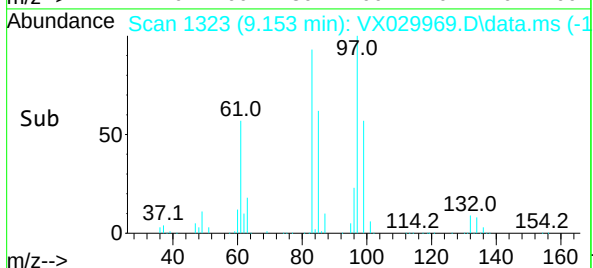
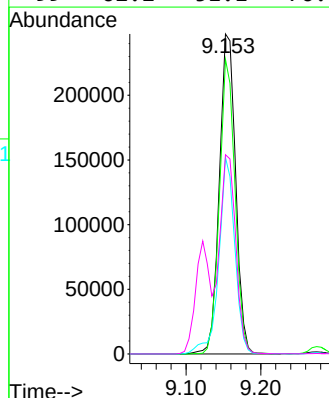
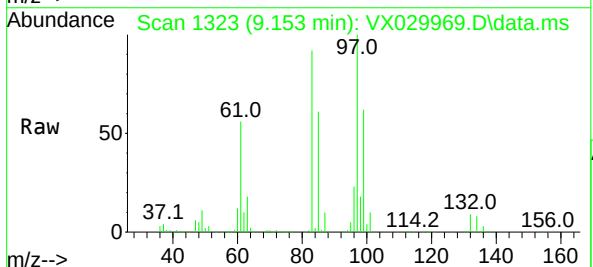
Ion Ratio Lower Upper

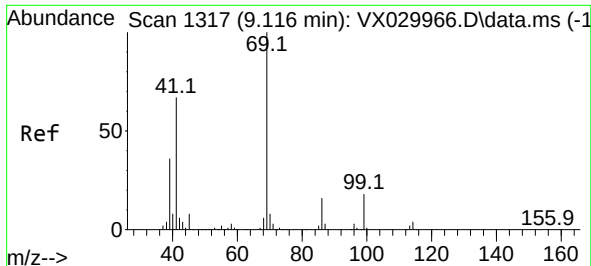
97 100

83 92.1 66.2 99.4

85 61.4 40.4 60.6#

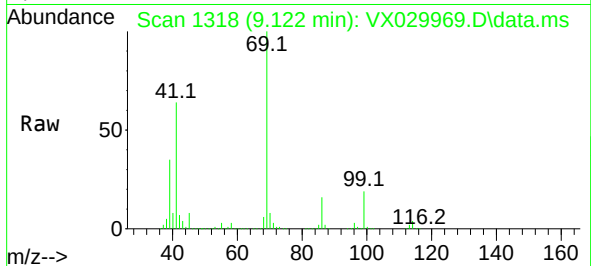
99 62.2 51.1 76.7





#51
Ethyl methacrylate
Concen: 157.803 ug/l
RT: 9.122 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

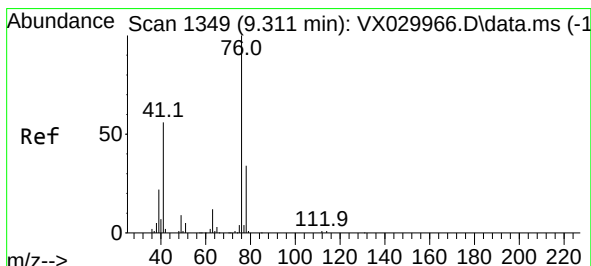
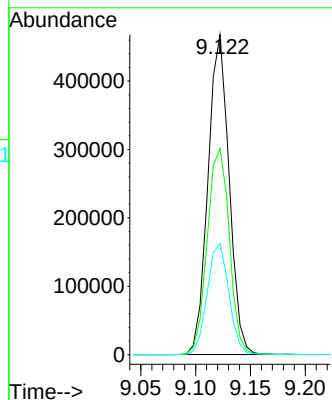
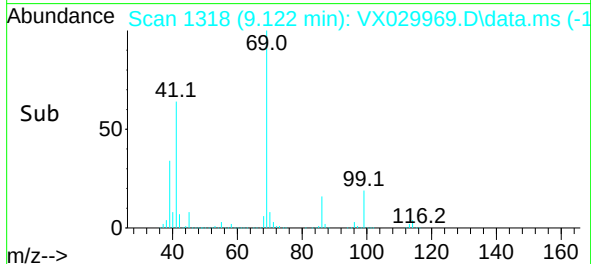
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



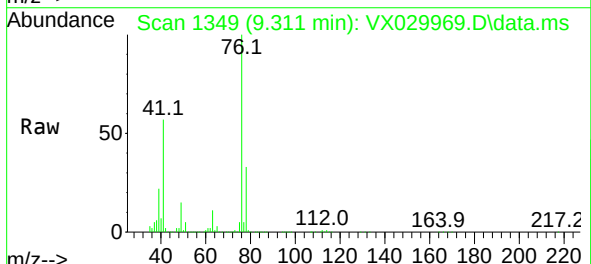
Tgt Ion: 69 Resp: 627234
Ion Ratio Lower Upper
69 100
41 64.4 32.1 96.5
39 34.7 18.3 54.9

Manual Integrations
APPROVED

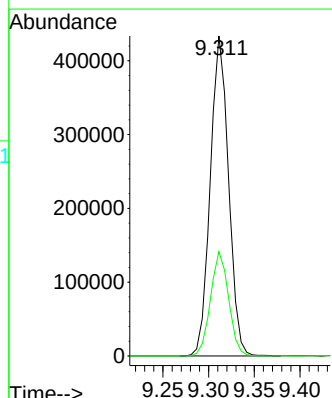
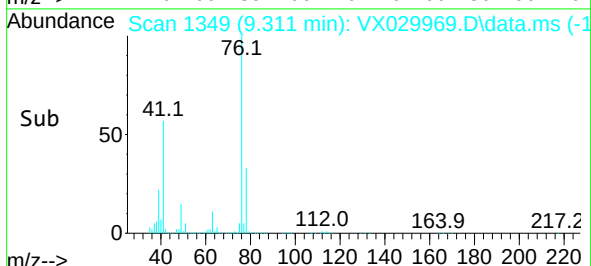
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

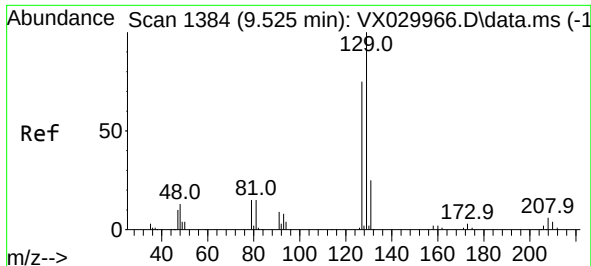


#52
1,3-Dichloropropane
Concen: 143.882 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20



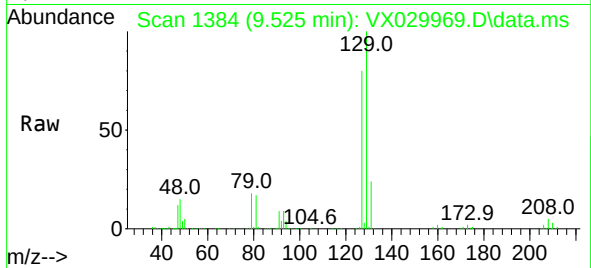
Tgt Ion: 76 Resp: 602232
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.4





#53
Dibromochloromethane
Concen: 155.917 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

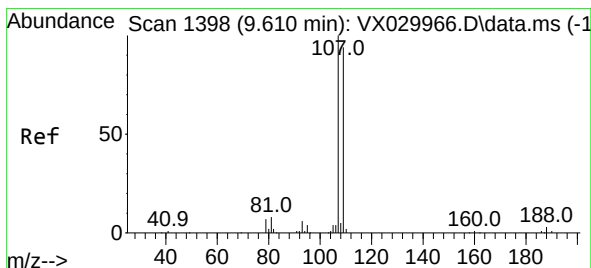
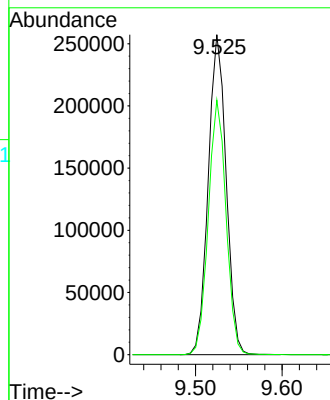
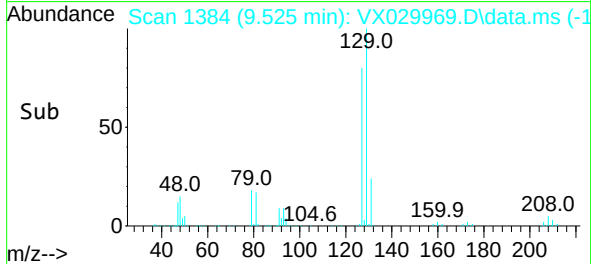
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



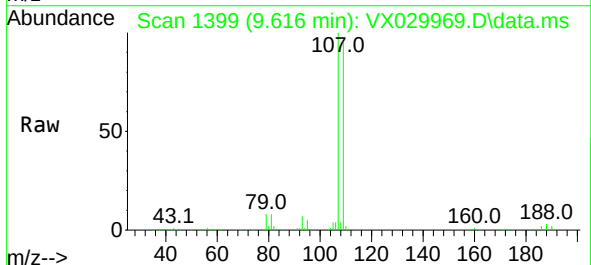
Tgt Ion:129 Resp: 369538
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.1

Manual Integrations
APPROVED

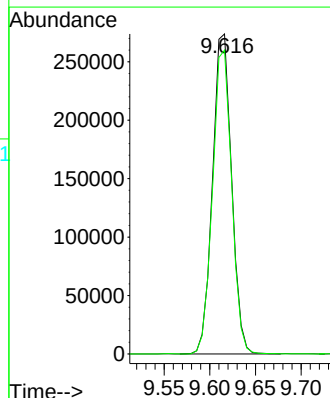
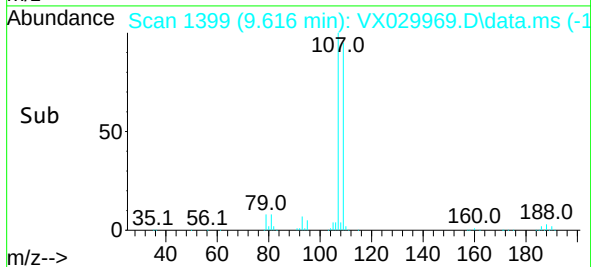
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

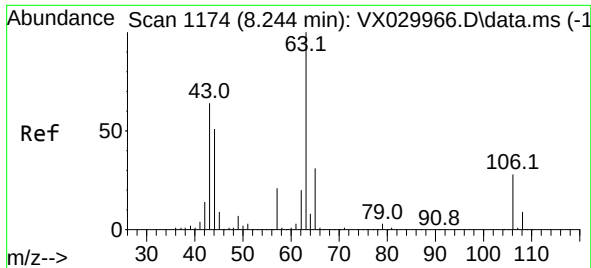


#54
1,2-Dibromoethane
Concen: 147.573 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20



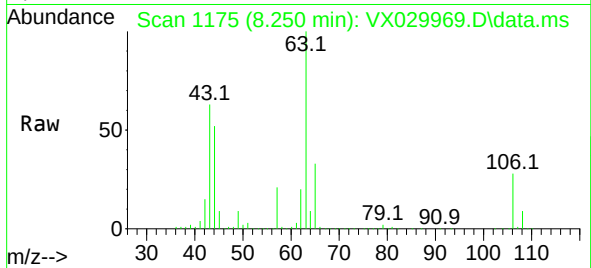
Tgt Ion:107 Resp: 396789
Ion Ratio Lower Upper
107 100
109 95.2 76.2 114.4





#55
2-Chloroethyl vinyl ether
Concen: 777.297 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

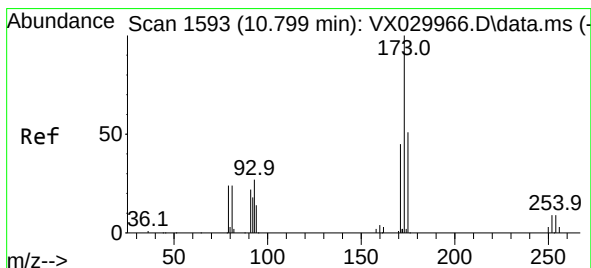
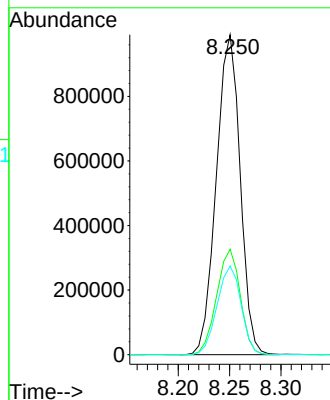
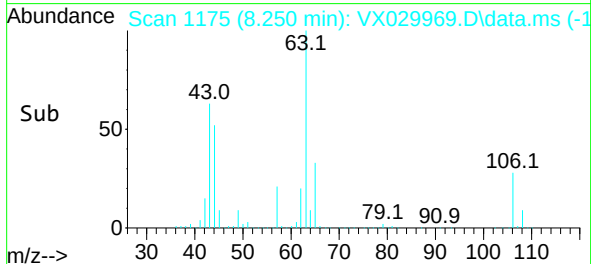
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 63 Resp: 1597574
Ion Ratio Lower Upper
63 100
65 32.6 25.9 38.9
106 27.9 25.8 38.6

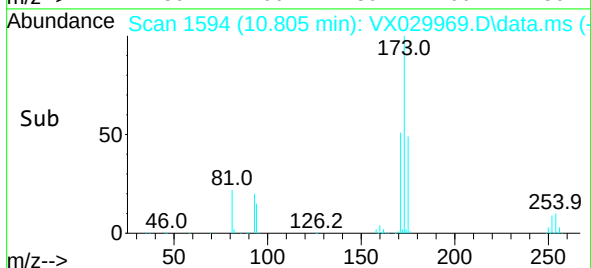
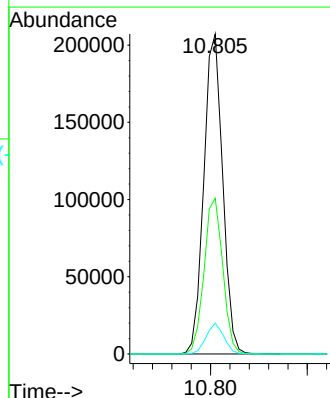
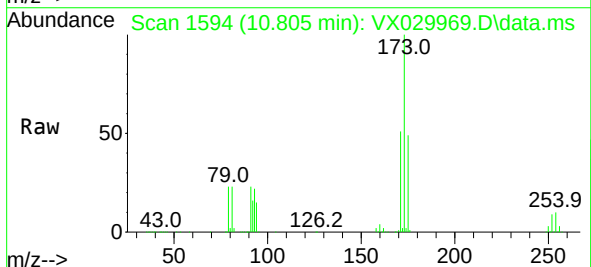
Manual Integrations
APPROVED

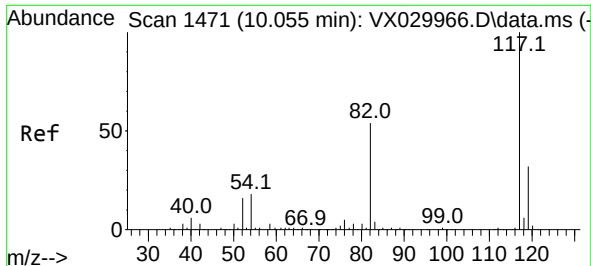
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#56
Bromoform
Concen: 173.000 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Tgt Ion:173 Resp: 280685
Ion Ratio Lower Upper
173 100
175 48.4 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: VX029969.D

Acq: 08 Jul 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 117 Resp: 16382

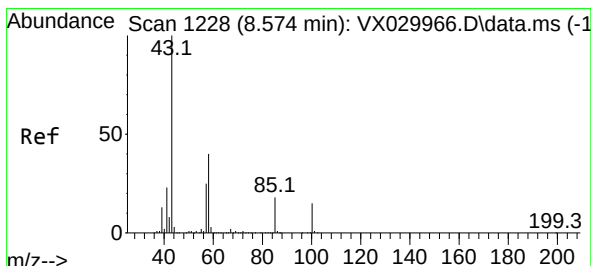
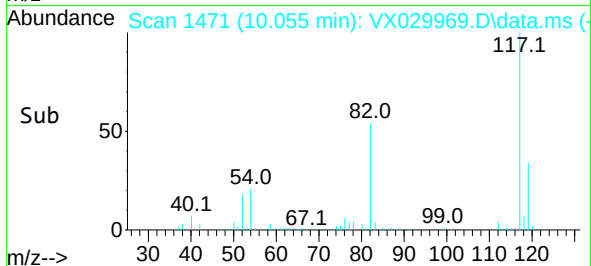
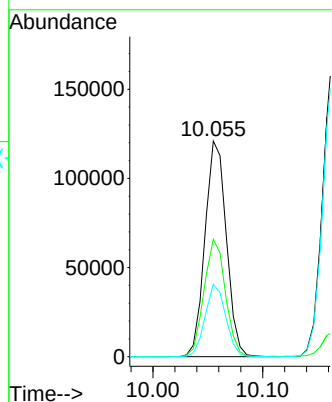
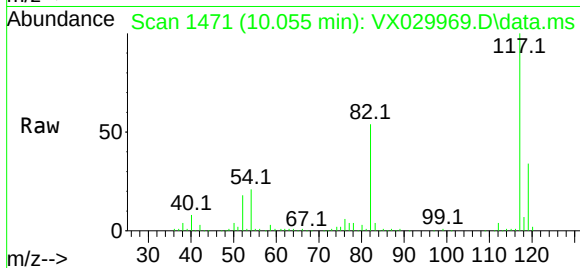
Ion	Ratio	Lower	Upper
117	100		
82	54.8	42.3	63.5
119	32.5	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#58

4-Methyl-2-Pentanone

Concen: 756.157 ug/l

RT: 8.580 min Scan# 1229

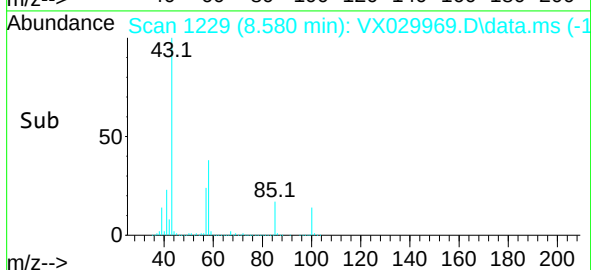
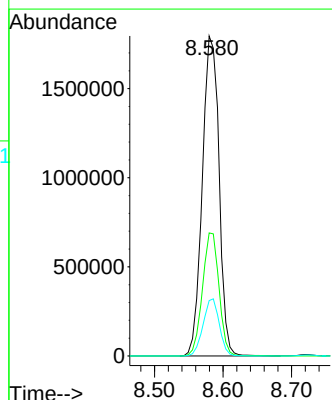
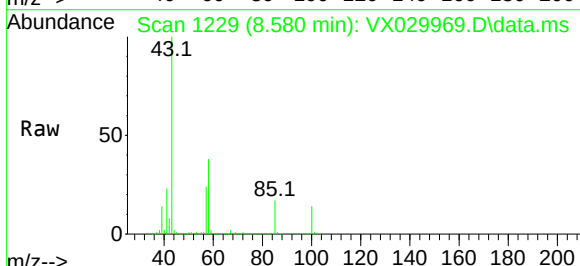
Delta R.T. 0.006 min

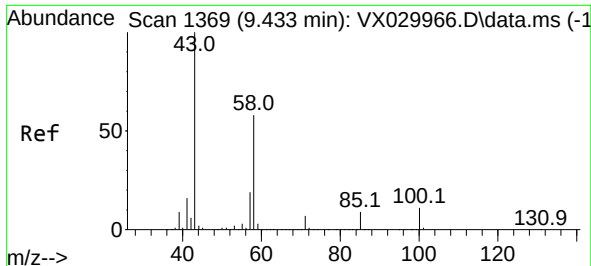
Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

Tgt Ion: 43 Resp: 3054904

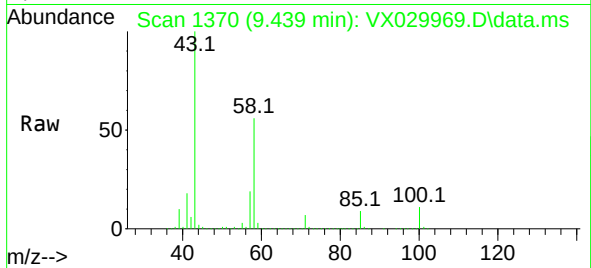
Ion	Ratio	Lower	Upper
43	100		
58	38.0	31.8	47.6
85	17.4	15.8	23.6





#59
2-Hexanone
Concen: 751.262 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

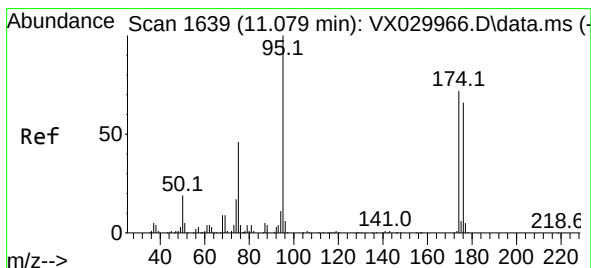
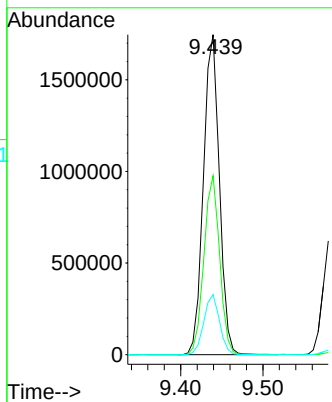
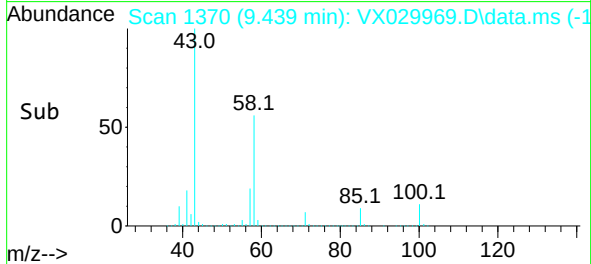
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 2350580
Ion Ratio Lower Upper
43 100
58 55.2 44.1 66.1
57 18.6 16.2 24.2

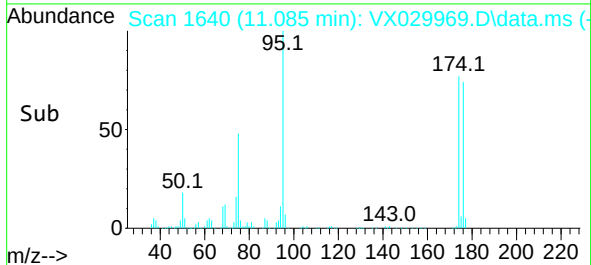
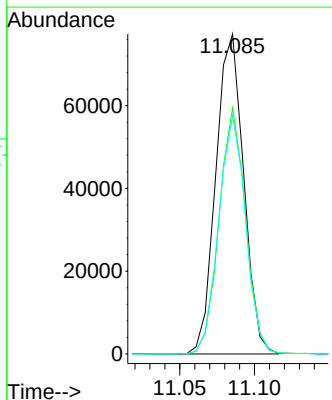
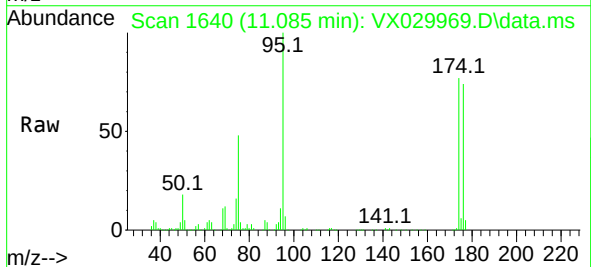
Manual Integrations
APPROVED

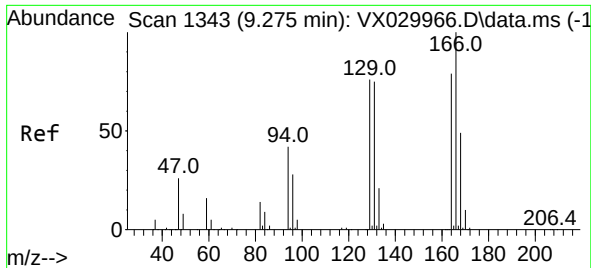
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#60
4-Bromofluorobenzene
Concen: 32.961 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

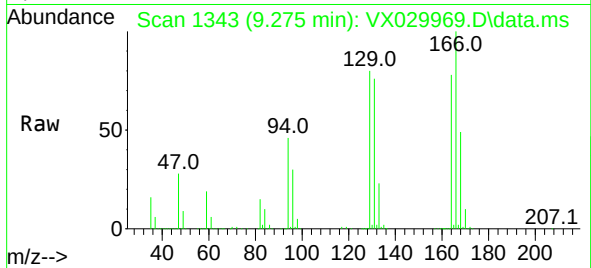
Tgt Ion: 95 Resp: 99794
Ion Ratio Lower Upper
95 100
174 73.4 65.4 98.2
176 72.2 63.4 95.0





#61
Tetrachloroethene
Concen: 134.569 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

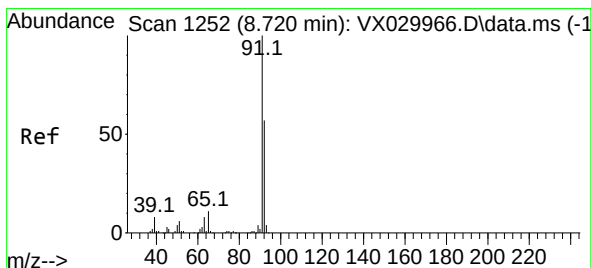
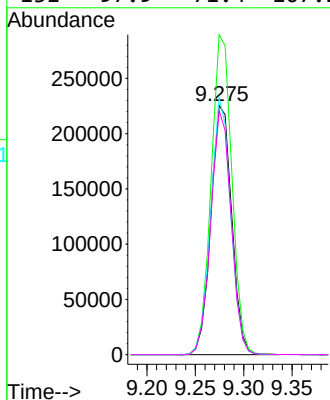
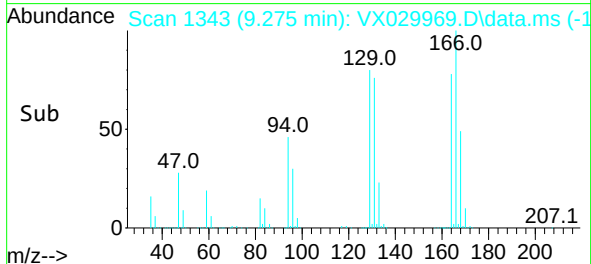
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



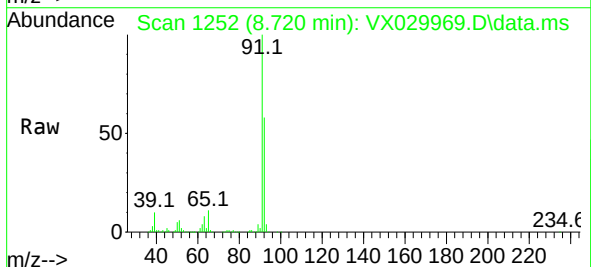
Tgt Ion:164 Resp: 337968
Ion Ratio Lower Upper
164 100
166 128.4 105.0 157.6
129 103.1 78.5 117.7
131 97.9 71.4 107.2

Manual Integrations
APPROVED

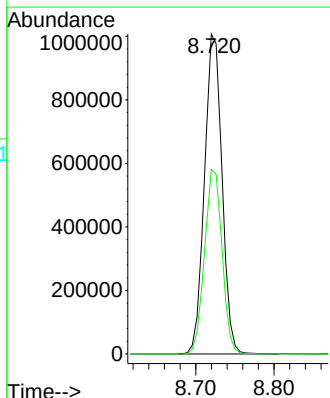
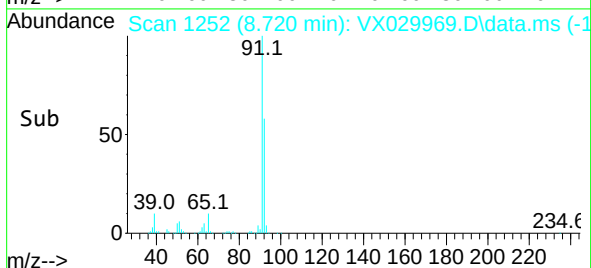
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

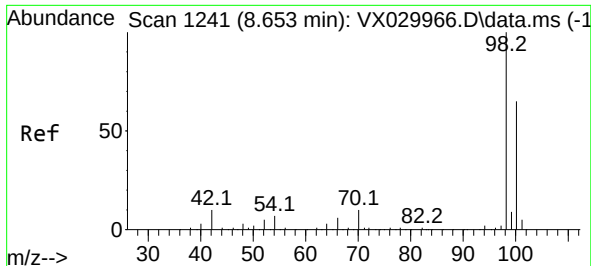


#62
Toluene
Concen: 142.154 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20



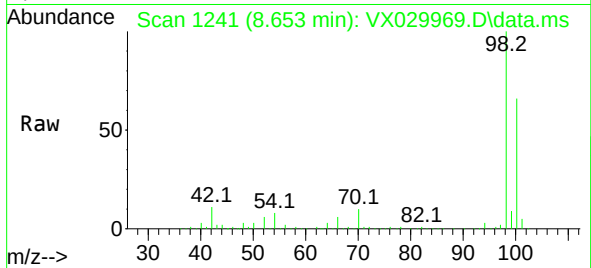
Tgt Ion: 91 Resp: 1565559
Ion Ratio Lower Upper
91 100
92 57.9 48.1 72.1





#63
Toluene-d8
Concen: 29.970 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

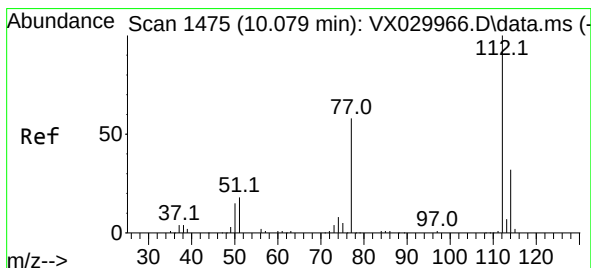
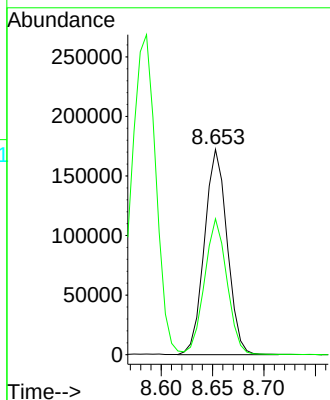
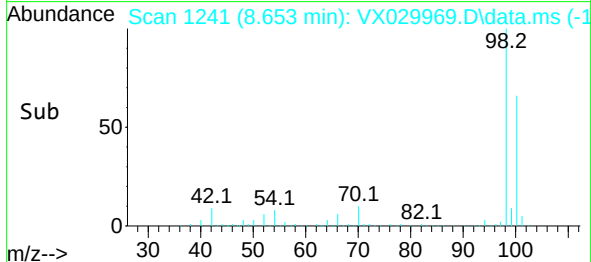
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



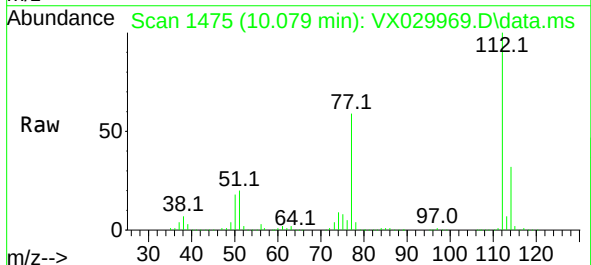
Tgt Ion: 98 Resp: 266288
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.2

Manual Integrations
APPROVED

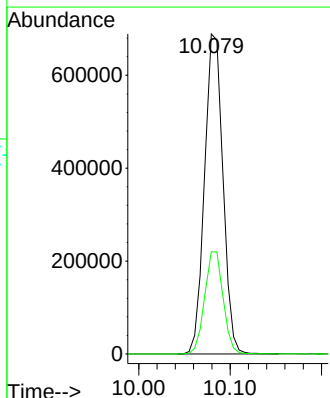
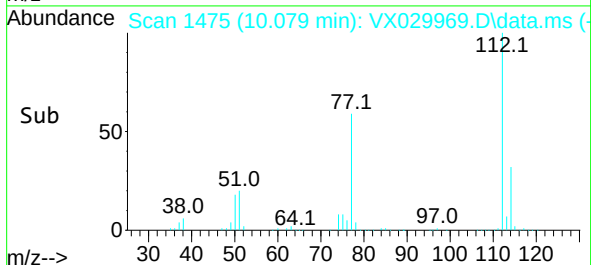
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

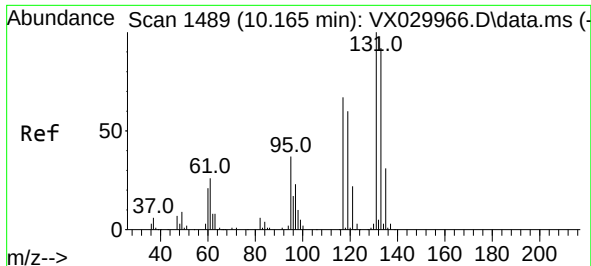


#64
Chlorobenzene
Concen: 147.419 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20



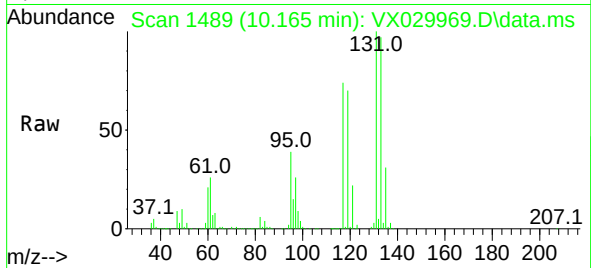
Tgt Ion:112 Resp: 962765
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 149.846 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

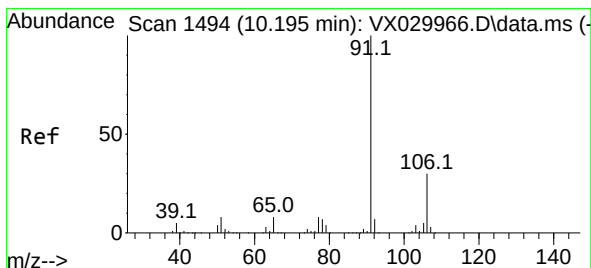
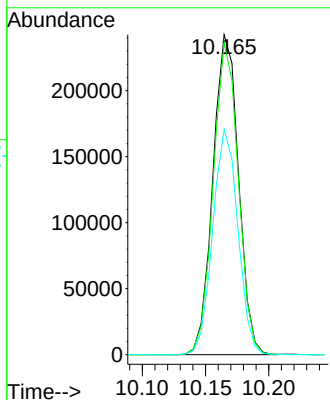
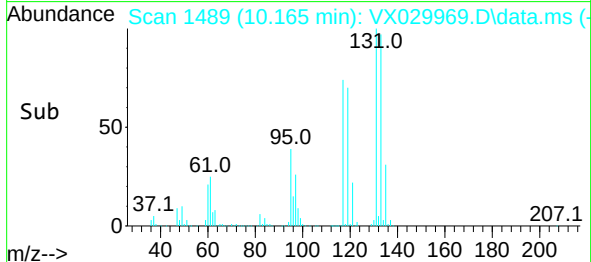
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 340144
Ion Ratio Lower Upper
131 100
133 95.5 0.0 197.2
119 69.4 0.0 127.4

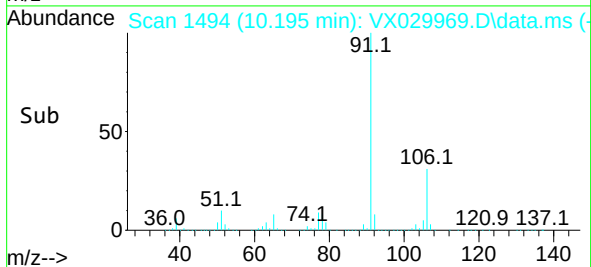
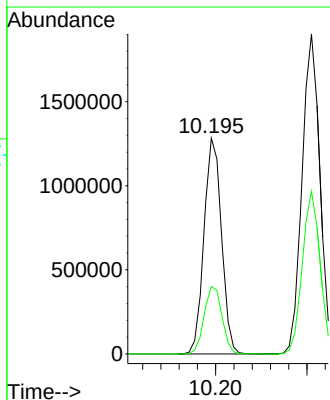
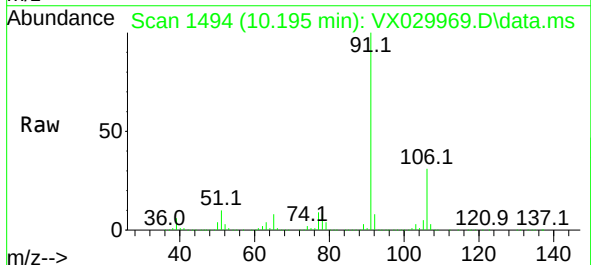
Manual Integrations
APPROVED

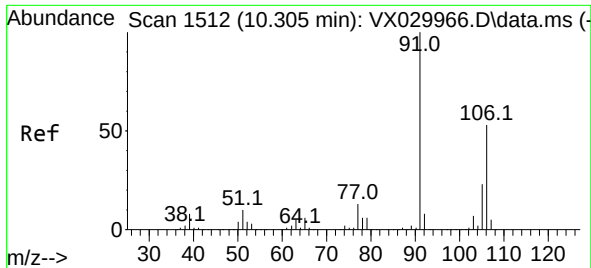
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#66
Ethyl Benzene
Concen: 146.364 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Tgt Ion: 91 Resp: 1703300
Ion Ratio Lower Upper
91 100
106 31.3 25.8 38.8





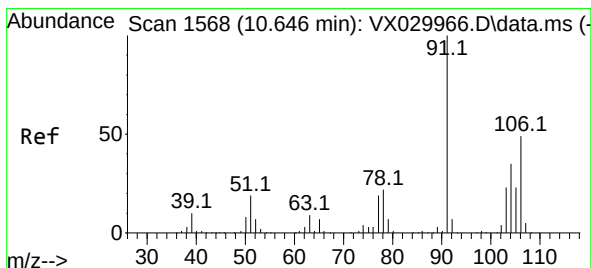
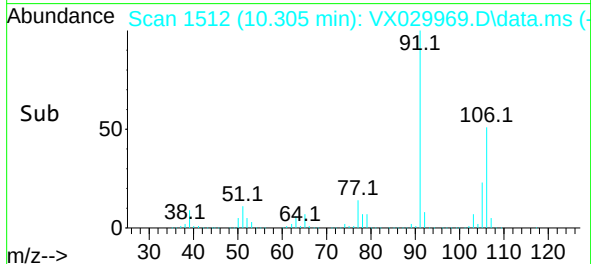
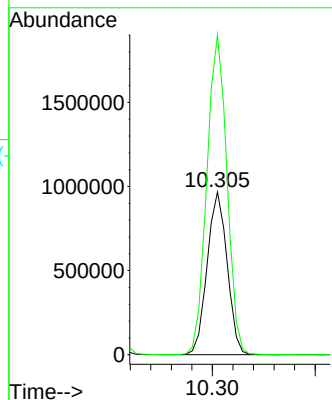
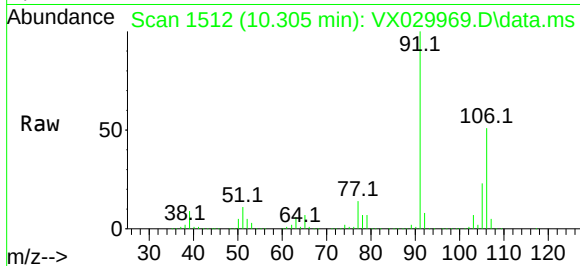
#67
m/p-Xylenes
Concen: 288.021 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 1304785
Ion Ratio Lower Upper
106 100
91 197.9 159.5 239.3

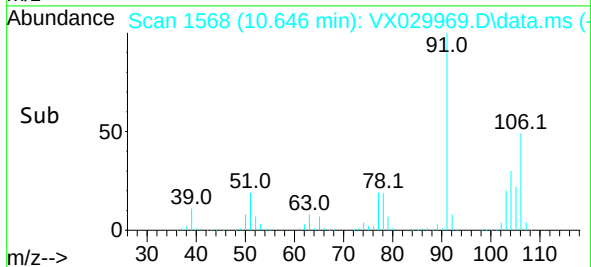
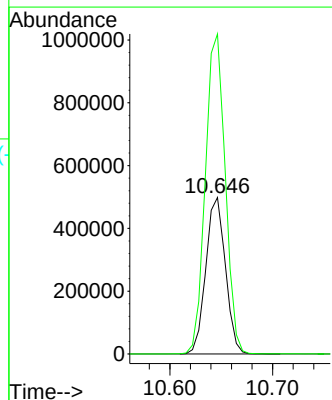
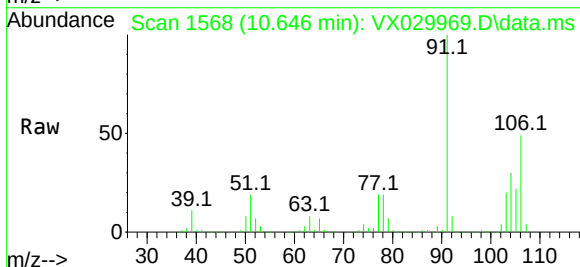
Manual Integrations
APPROVED

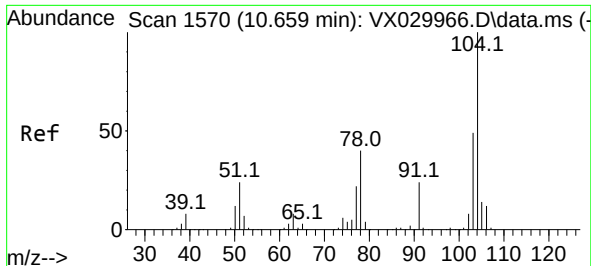
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#68
o-Xylene
Concen: 146.894 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

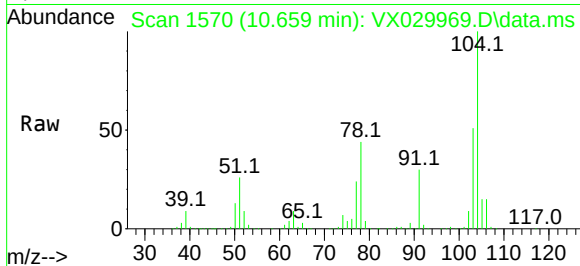
Tgt Ion:106 Resp: 660110
Ion Ratio Lower Upper
106 100
91 207.3 105.4 316.2





#69
Styrene
Concen: 152.747 ug/l
RT: 10.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

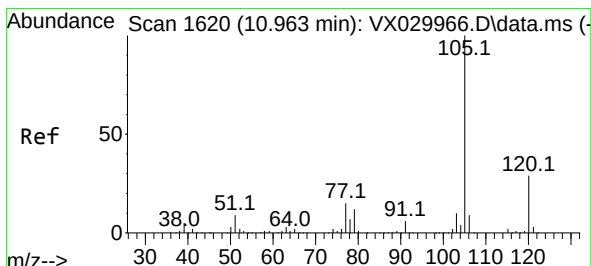
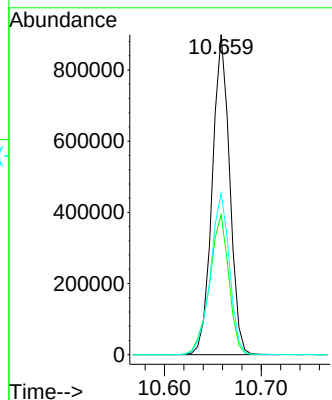
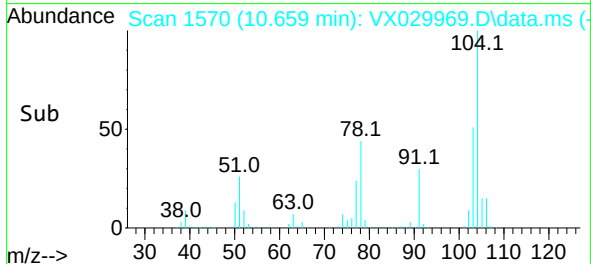
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



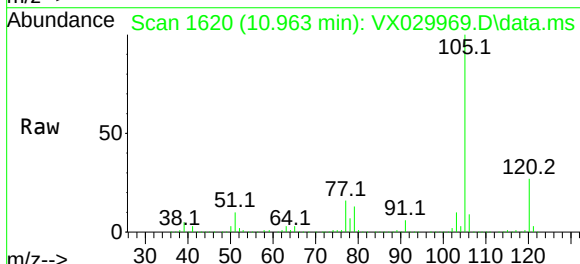
Tgt Ion:104 Resp: 1127070
Ion Ratio Lower Upper
104 100
78 48.4 39.7 59.5
103 54.9 42.7 64.1

Manual Integrations
APPROVED

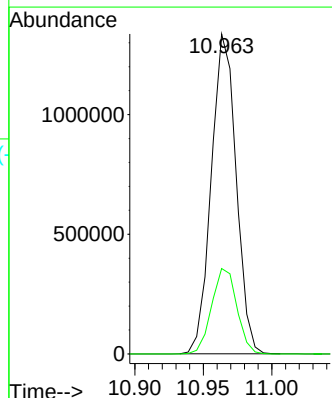
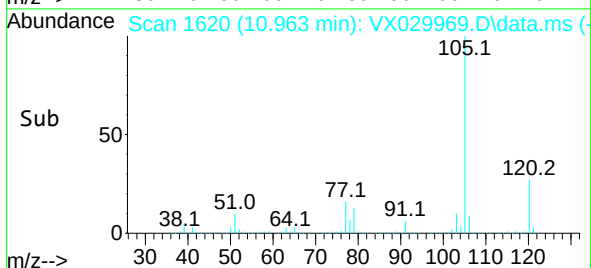
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

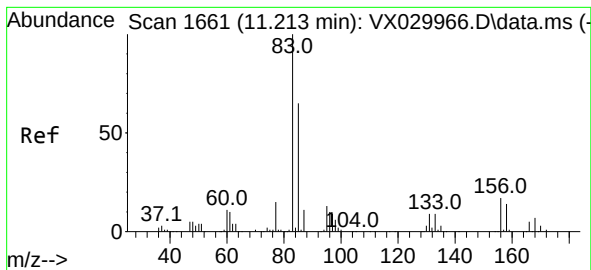


#70
Isopropylbenzene
Concen: 149.492 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20



Tgt Ion:105 Resp: 1685535
Ion Ratio Lower Upper
105 100
120 27.1 18.8 34.8





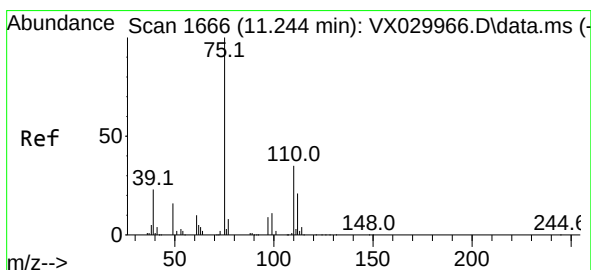
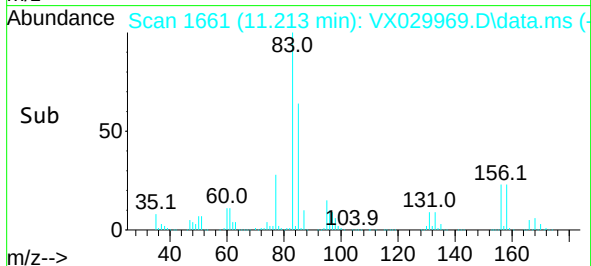
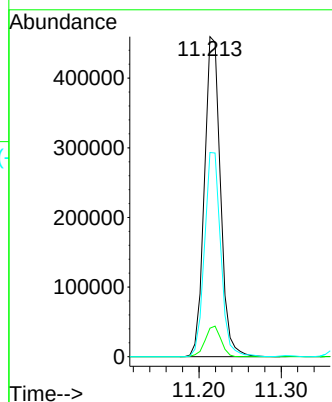
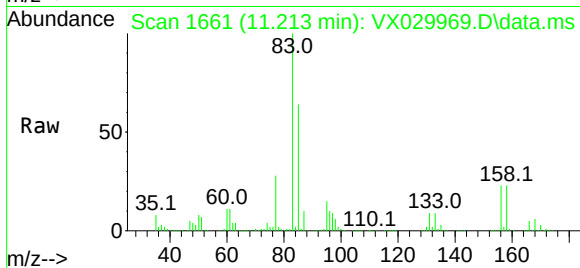
#71
1,1,2,2-Tetrachloroethane
Concen: 152.504 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 622795
Ion Ratio Lower Upper
83 100
131 9.4 5.8 17.3
85 64.3 32.0 96.2

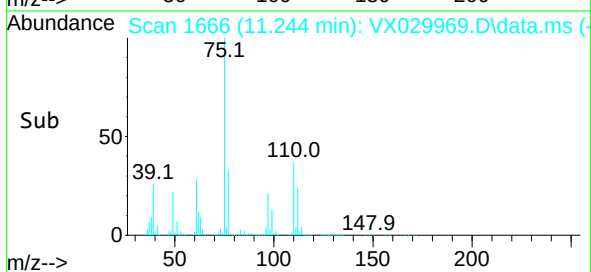
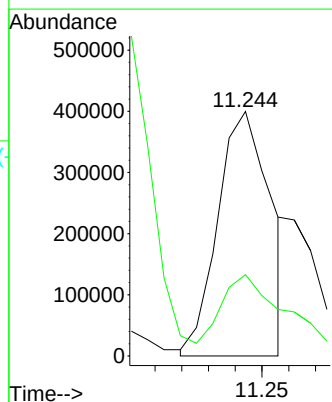
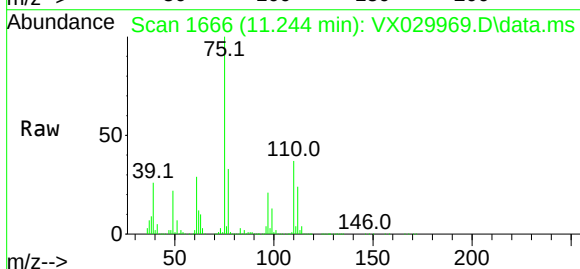
Manual Integrations
APPROVED

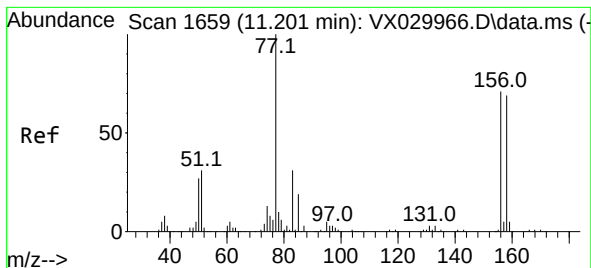
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#72
1,2,3-Trichloropropane
Concen: 148.581 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Tgt Ion: 75 Resp: 548278
Ion Ratio Lower Upper
75 100
77 42.2 0.0 78.6





#73

Bromobenzene

Concen: 149.882 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

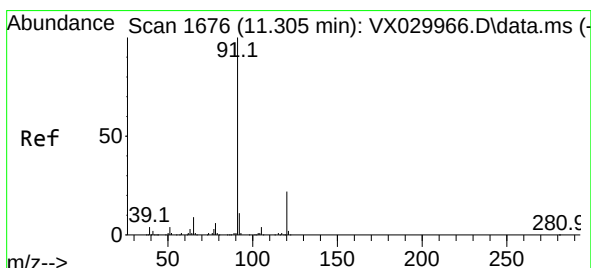
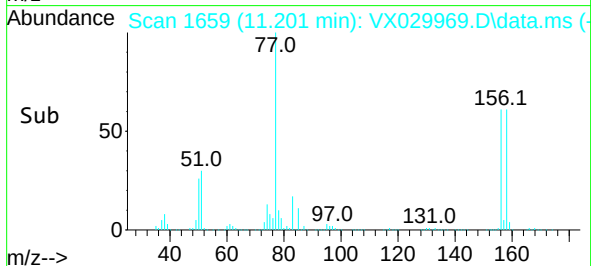
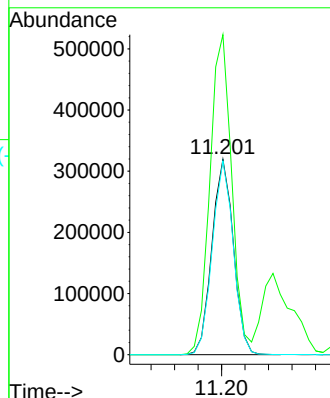
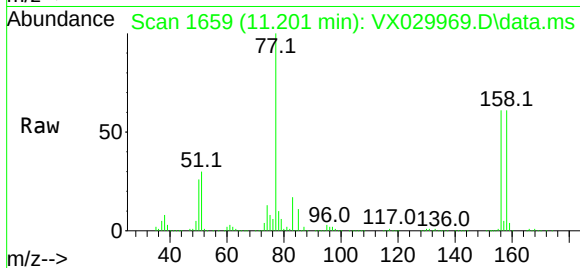
Tgt Ion:	156	Resp:	40502
Ion Ratio	Lower	Upper	
156	100		
77	167.0	0.0	297.6
158	97.1	0.0	188.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#74

n-propylbenzene

Concen: 153.197 ug/l

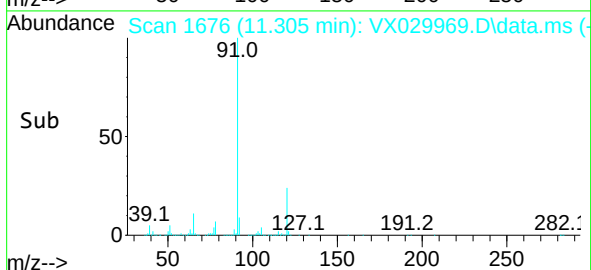
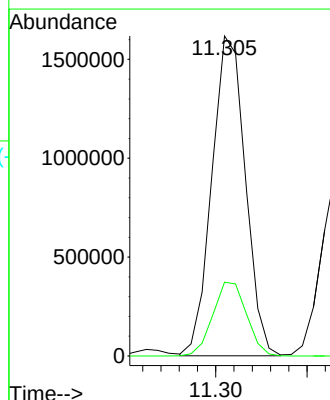
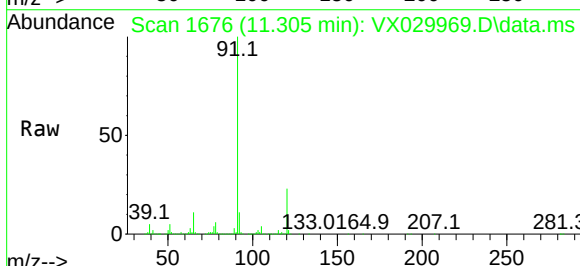
RT: 11.305 min Scan# 1676

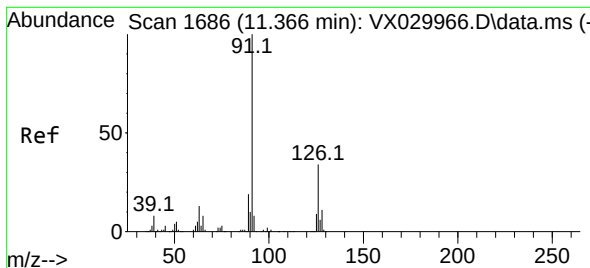
Delta R.T. -0.000 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

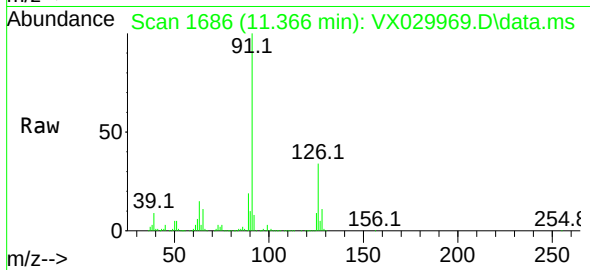
Tgt Ion:	91	Resp:	2061881
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	48.0





#75
2-Chlorotoluene
Concen: 150.206 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

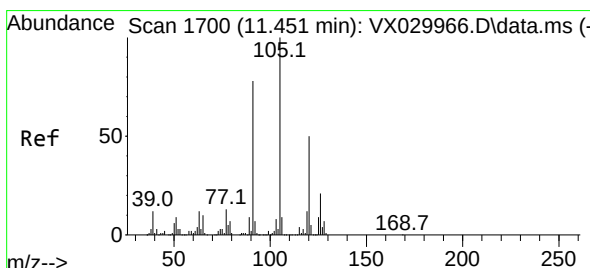
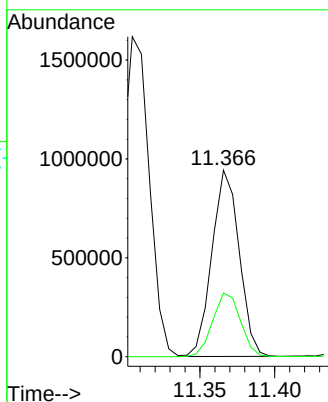
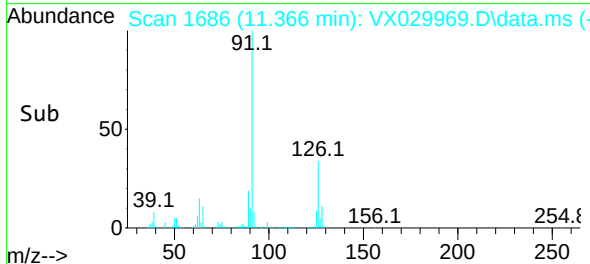
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



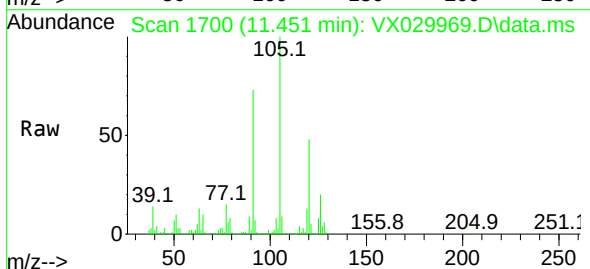
Tgt Ion: 91 Resp: 1195229
Ion Ratio Lower Upper
91 100
126 34.8 0.0 68.6

Manual Integrations
APPROVED

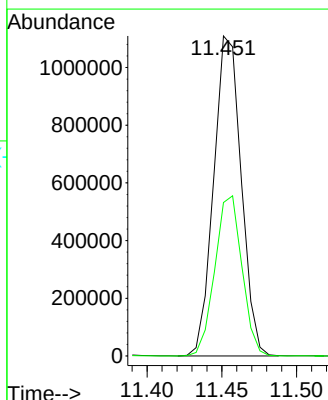
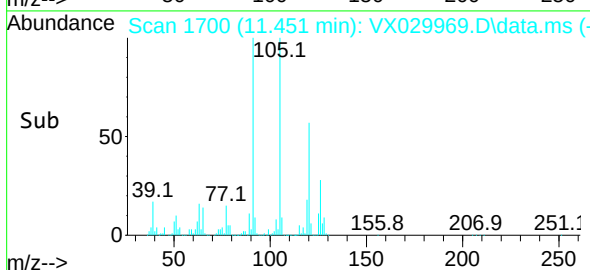
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

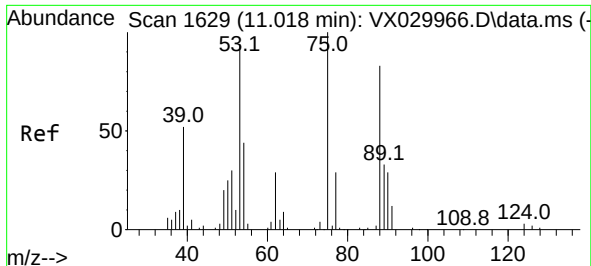


#76
1,3,5-Trimethylbenzene
Concen: 150.175 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20



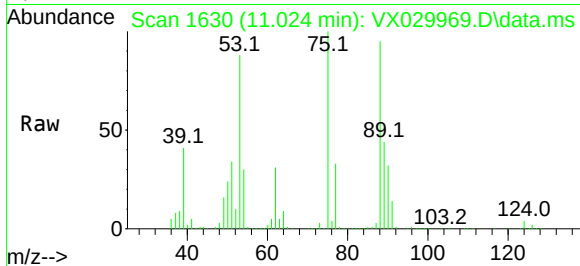
Tgt Ion:105 Resp: 1420342
Ion Ratio Lower Upper
105 100
120 49.3 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 179.688 ug/l
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

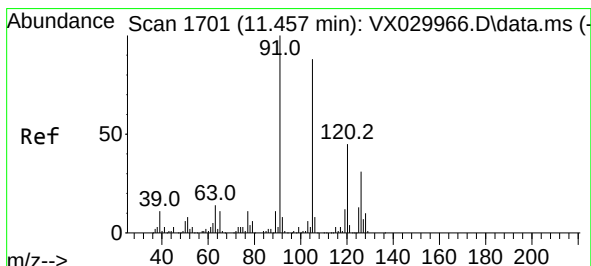
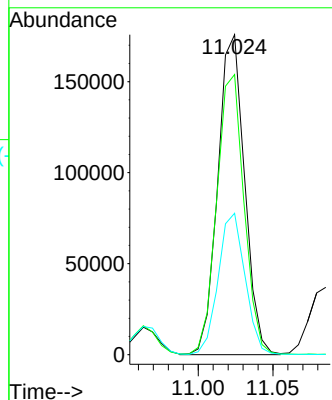
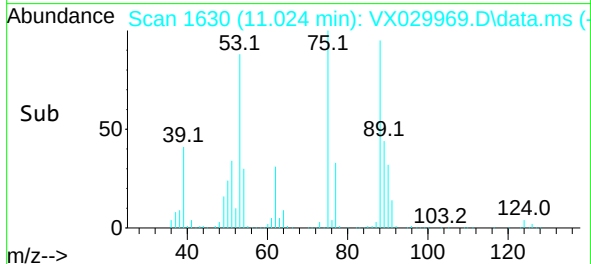
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 218964
Ion Ratio Lower Upper
75 100
53 87.5 59.7 179.1
89 44.1 23.1 69.2

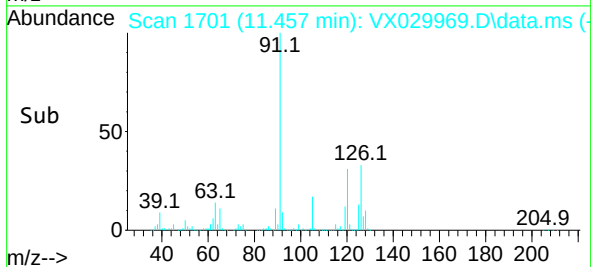
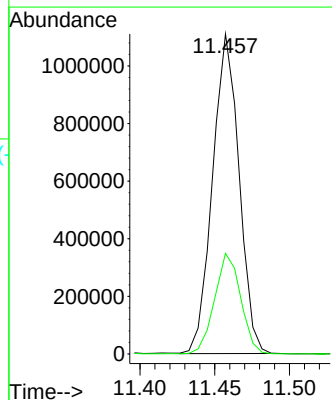
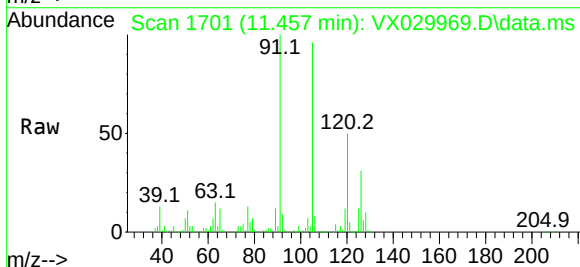
Manual Integrations
APPROVED

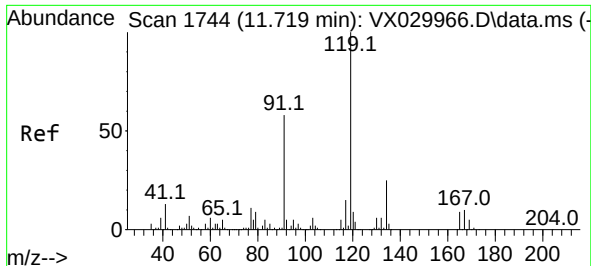
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#78
4-Chlorotoluene
Concen: 153.682 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

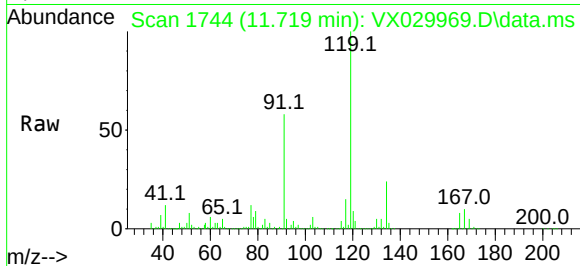
Tgt Ion: 91 Resp: 1366173
Ion Ratio Lower Upper
91 100
126 31.1 0.0 59.8





#79
tert-butylbenzene
Concen: 153.862 ug/l
RT: 11.719 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

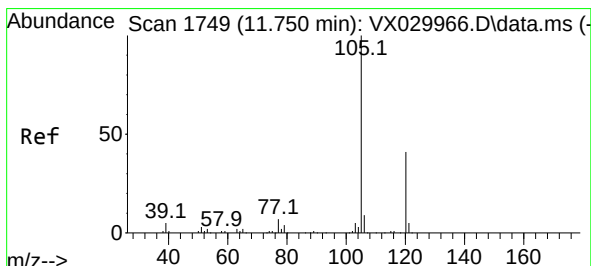
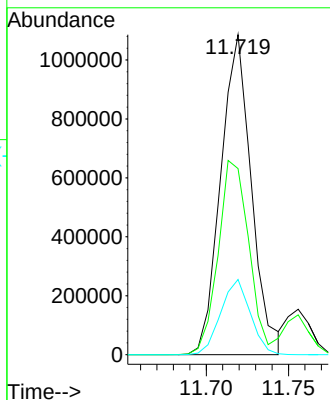
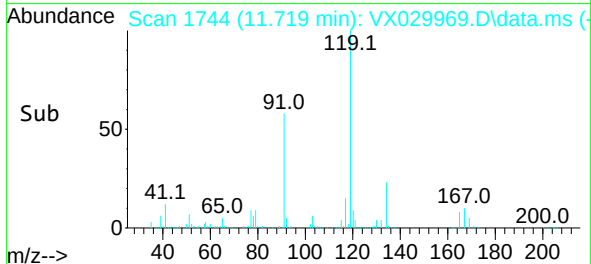
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:119 Resp: 1408754
Ion Ratio Lower Upper
119 100
91 60.5 0.0 119.4
134 22.7 0.0 48.4

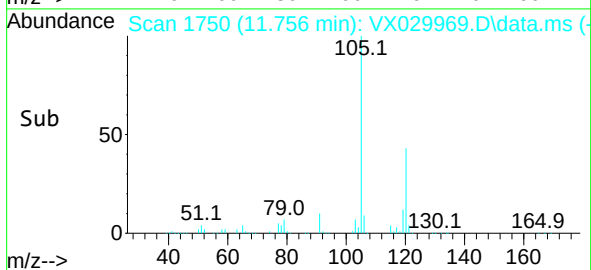
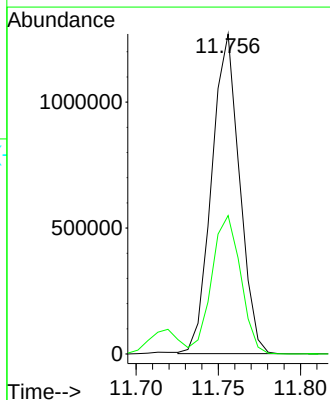
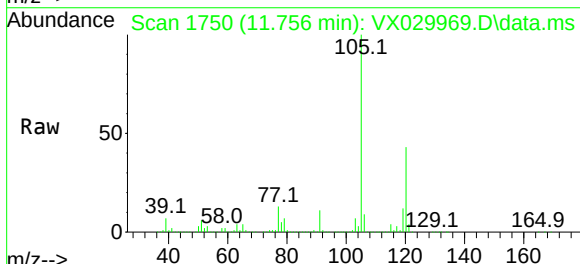
Manual Integrations
APPROVED

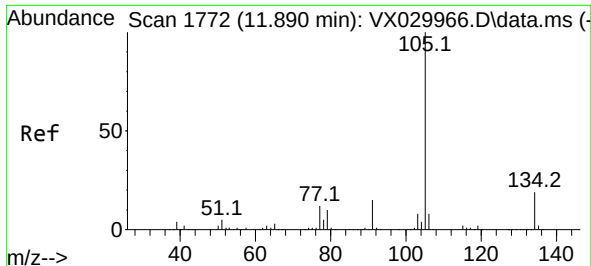
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#80
1,2,4-Trimethylbenzene
Concen: 154.652 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

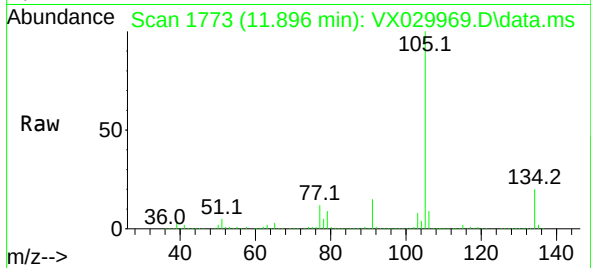
Tgt Ion:105 Resp: 1494804
Ion Ratio Lower Upper
105 100
120 45.0 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 156.322 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.006 min
 Lab File: VX029969.D
 Acq: 08 Jul 2022 13:20

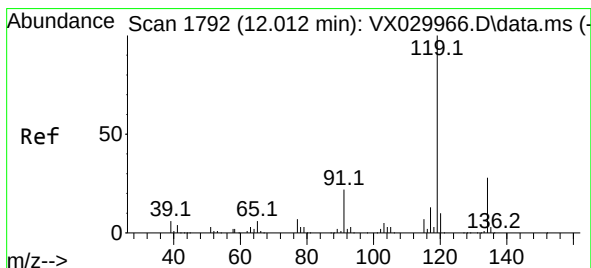
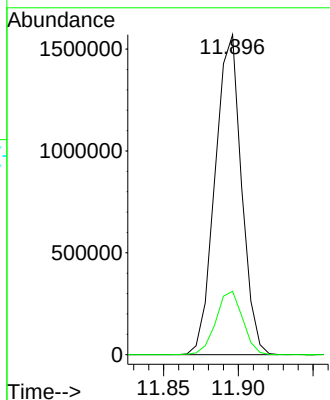
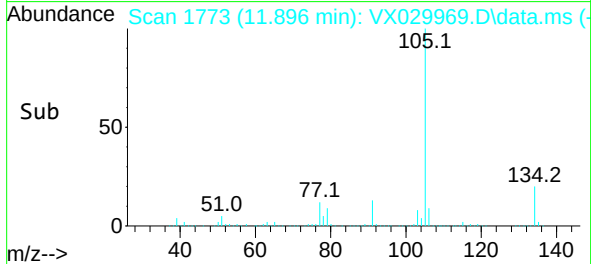
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



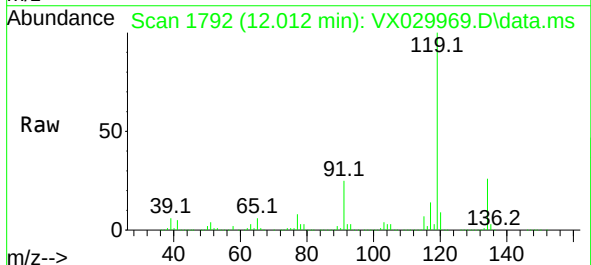
Tgt Ion:105 Resp: 1931050
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.2

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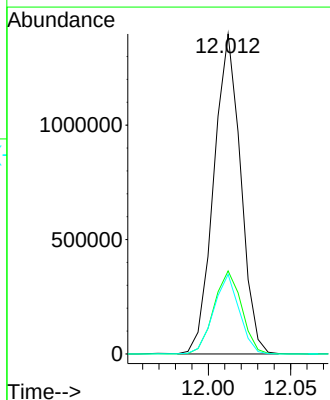
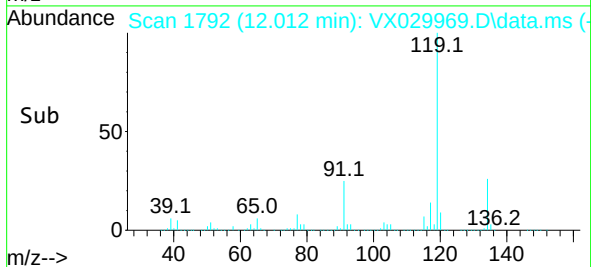
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

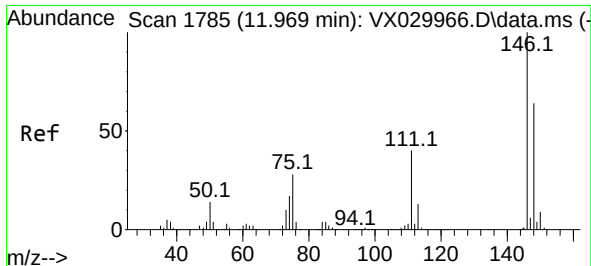


#82
 p-Isopropyltoluene
 Concen: 160.490 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029969.D
 Acq: 08 Jul 2022 13:20



Tgt Ion:119 Resp: 1587282
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 52.4
 91 23.7 0.0 47.2





#83

1,3-Dichlorobenzene

Concen: 156.179 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX029969.D

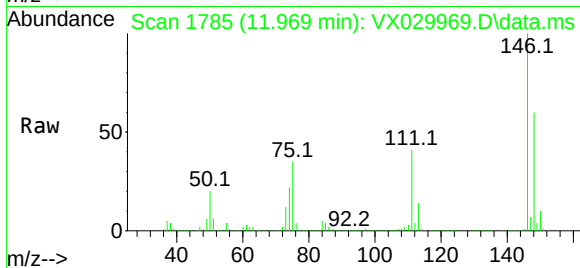
Acq: 08 Jul 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



Tgt Ion:146 Resp: 809740

Ion Ratio Lower Upper

146 100

111 41.7 19.8 59.4

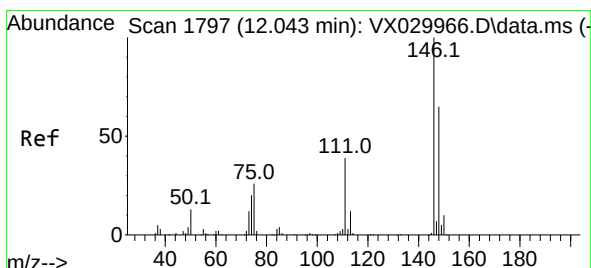
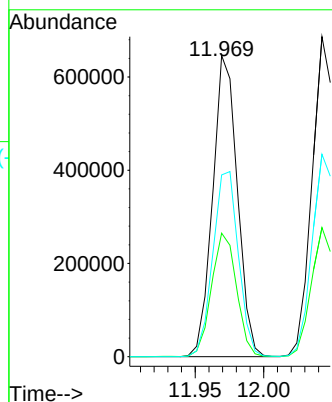
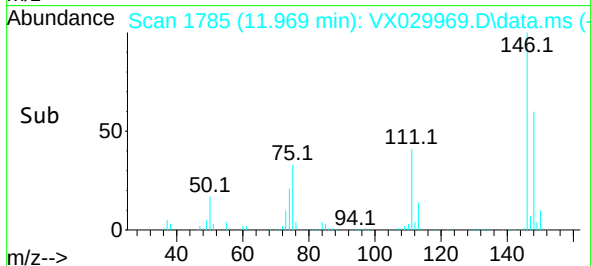
148 63.8 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#84

1,4-Dichlorobenzene

Concen: 158.716 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

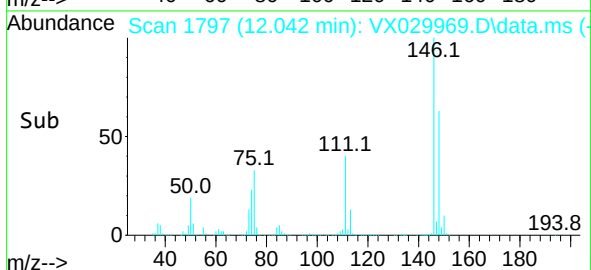
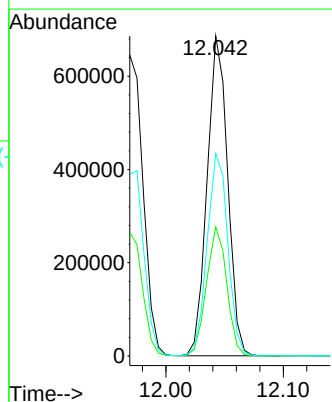
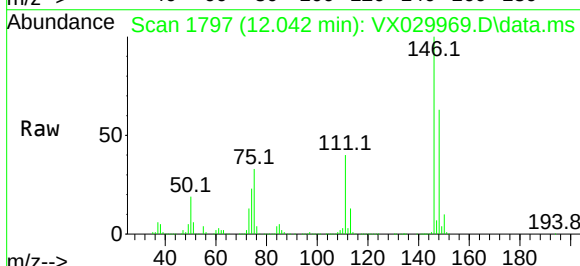
Tgt Ion:146 Resp: 831777

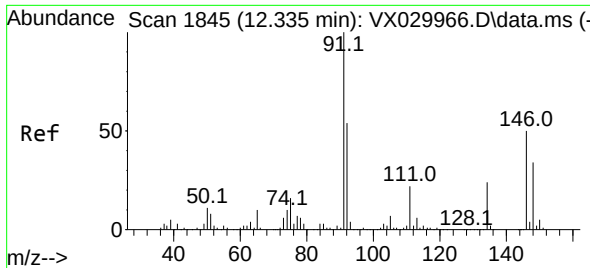
Ion Ratio Lower Upper

146 100

111 39.8 19.2 57.6

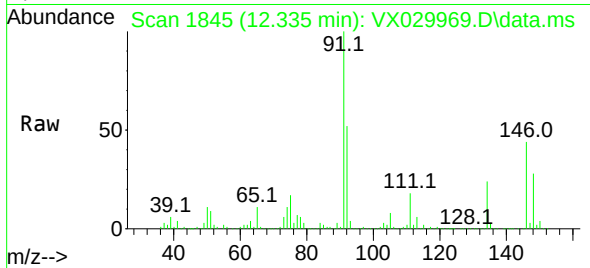
148 63.9 32.3 96.8





#85
n-Butylbenzene
Concen: 171.764 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

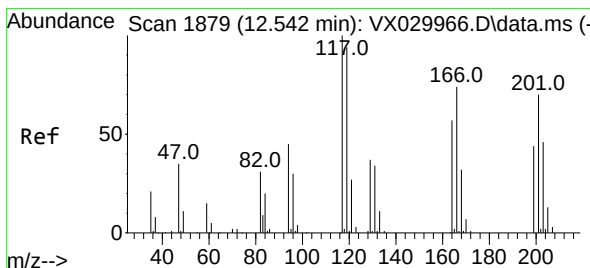
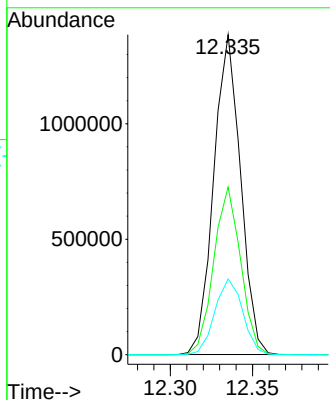
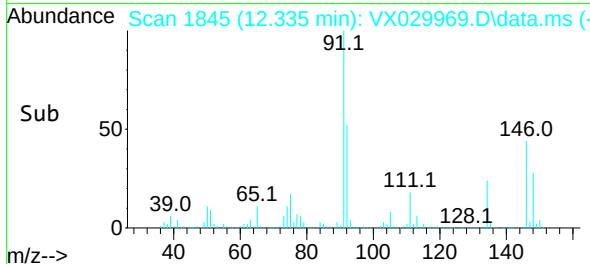
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 157086
Ion Ratio Lower Upper
91 100
92 52.5 0.0 109.4
134 24.6 0.0 56.4

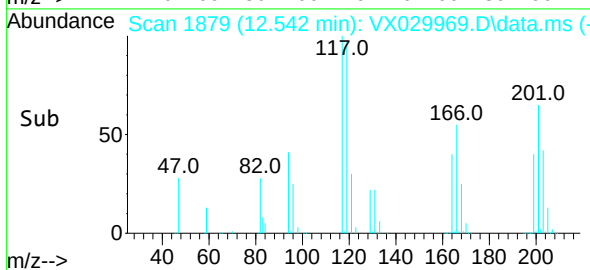
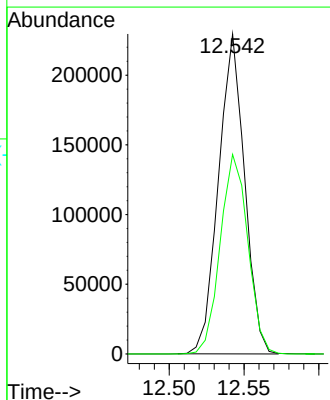
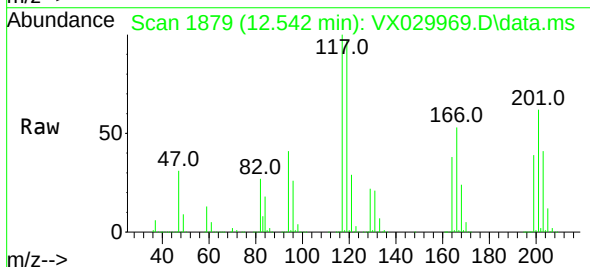
Manual Integrations
APPROVED

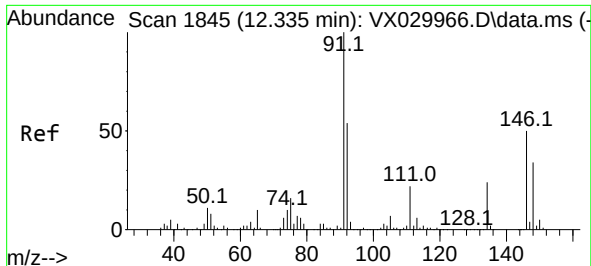
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#86
Hexachloroethane
Concen: 171.577 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

Tgt Ion:117 Resp: 277884
Ion Ratio Lower Upper
117 100
201 66.1 39.5 118.5





#87

1,2-Dichlorobenzene

Concen: 150.789 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 77753

Ion Ratio Lower Upper

146 100

111 44.1 21.1 63.3

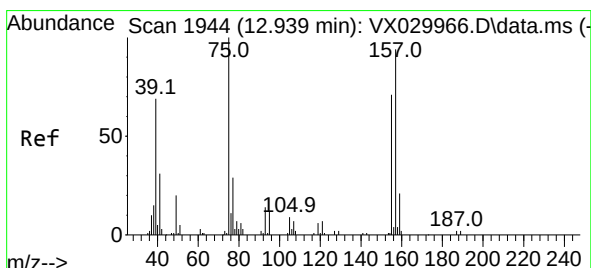
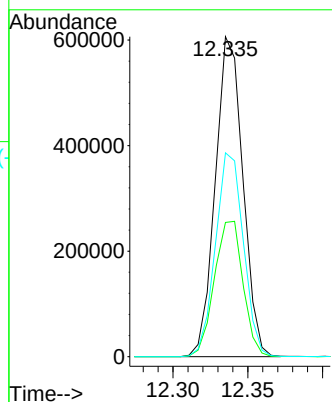
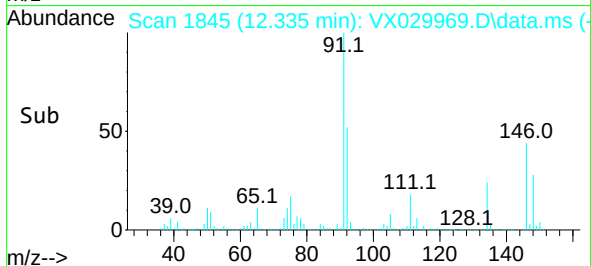
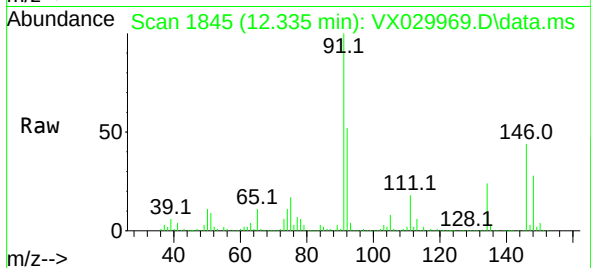
148 64.7 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 170.813 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX029969.D

Acq: 08 Jul 2022 13:20

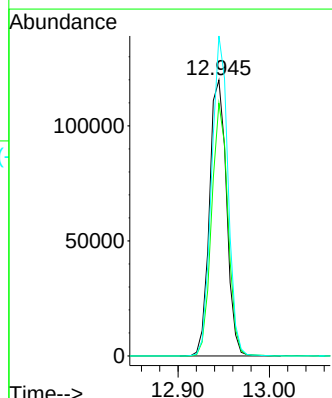
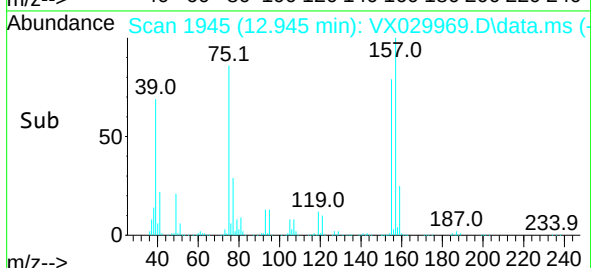
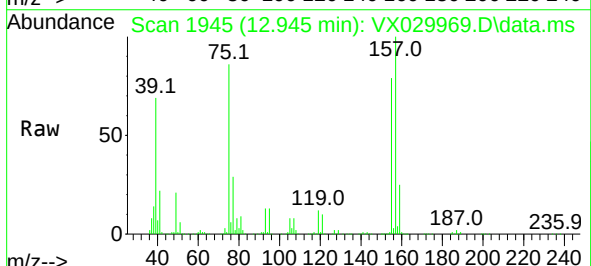
Tgt Ion: 75 Resp: 155302

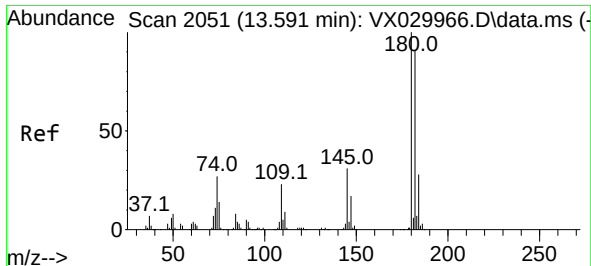
Ion Ratio Lower Upper

75 100

155 87.2 74.3 111.5

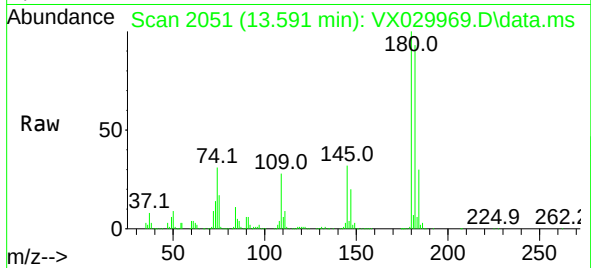
157 111.2 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 161.636 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

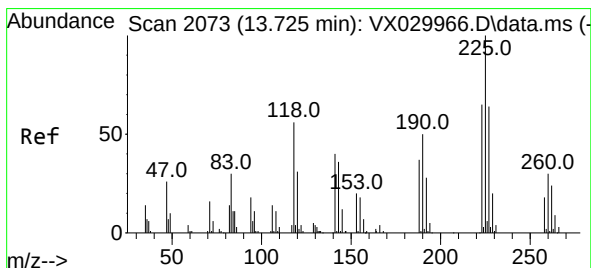
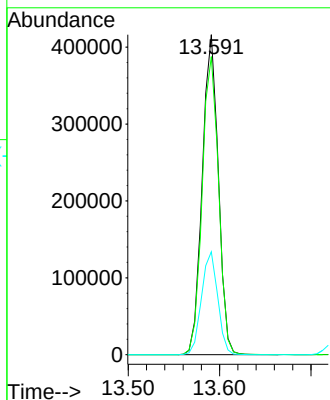
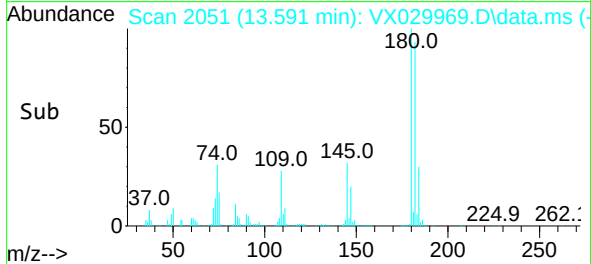
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



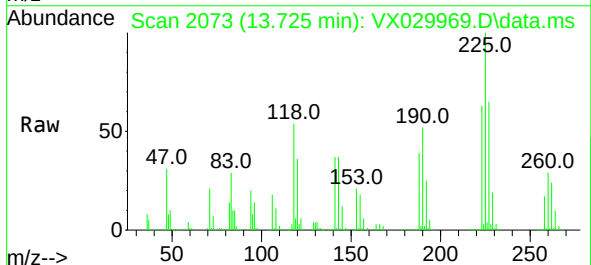
Tgt Ion:180 Resp: 508700
Ion Ratio Lower Upper
180 100
182 94.9 77.4 116.2
145 32.4 24.2 36.4

Manual Integrations
APPROVED

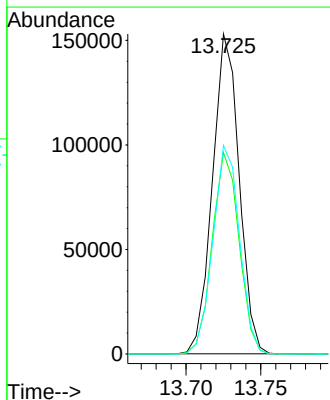
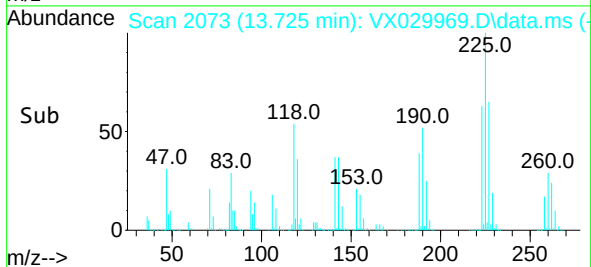
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

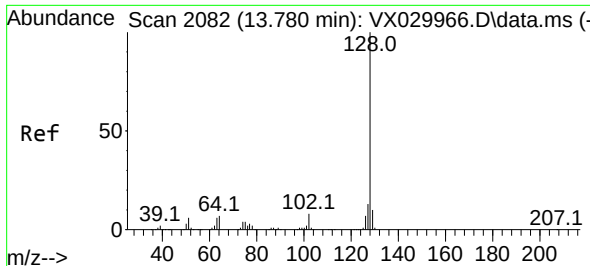


#90
Hexachlorobutadiene
Concen: 158.094 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20



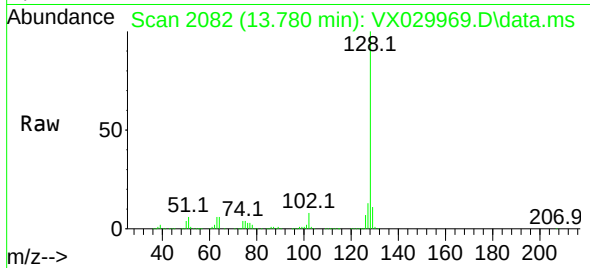
Tgt Ion:225 Resp: 189575
Ion Ratio Lower Upper
225 100
223 63.4 0.0 126.0
227 65.3 0.0 125.0





#91
Naphthalene
Concen: 159.632 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20

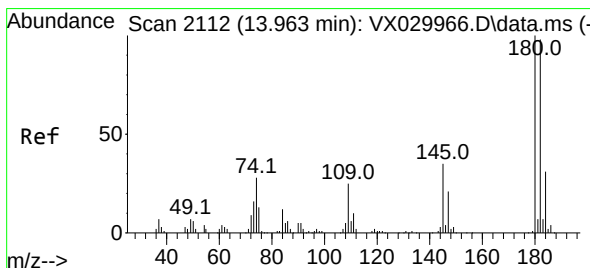
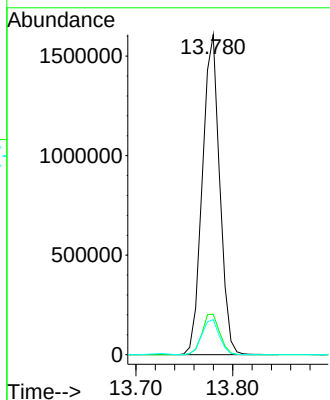
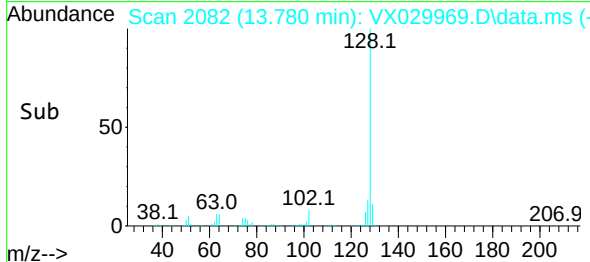
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



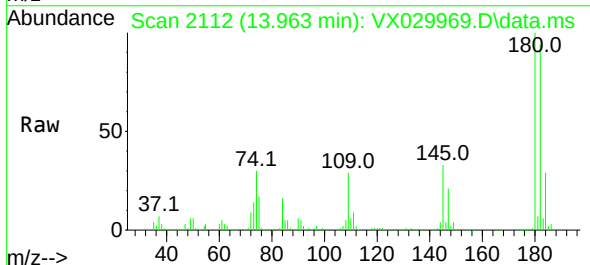
Tgt Ion:128 Resp: 2007762
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.1 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 158.237 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX029969.D
Acq: 08 Jul 2022 13:20



Tgt Ion:180 Resp: 509528
Ion Ratio Lower Upper
180 100
182 94.0 0.0 189.4
145 33.9 0.0 67.2

