

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029967.D
 Acq On : 08 Jul 2022 12:33
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 13:25:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 08 13:22:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.909	128	31904	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	179332	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	161277	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	75513	37.217	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 124.067%#	
60) 4-Bromofluorobenzene	11.085	95	90231	35.976	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 119.933%#	
63) Toluene-d8	8.652	98	261377	38.257	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 127.533%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	114549	101.474	ug/l	98
3) Chloromethane	1.288	50	117437	131.968	ug/l	98
4) Vinyl Chloride	1.373	62	129629	114.590	ug/l	100
5) Bromomethane	1.605	94	51548	55.309	ug/l	96
6) Chloroethane	1.684	64	71902	82.533	ug/l	98
7) Trichlorofluoromethane	1.885	101	164302	66.424	ug/l	99
8) Diethyl Ether	2.135	74	70274	72.035	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.330	101	109215	75.080	ug/l	96
10) 1,1-Dichloroethene	2.318	96	113803	94.617	ug/l	93
11) Methyl Iodide	2.452	142	100289	62.082	ug/l	94
12) Methyl Acetate	2.708	43	183070	95.342	ug/l	98
13) Acrolein	2.239	56	99739	255.987	ug/l	99
14) Acrylonitrile	3.068	53	397850	455.117	ug/l	98
15) Acetone	2.385	58	109550	442.484	ug/l	85
16) Carbon Disulfide	2.513	76	297518	209.296	ug/l	100
17) Allyl chloride	2.666	41	199709	110.499	ug/l	94
18) Methylene Chloride	2.788	84	130891	84.698	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	121684	91.579	ug/l	94
20) Diisopropyl ether	3.763	45	392648	87.408	ug/l	92
21) 1,1-Dichloroethane	3.611	63	213702	80.488	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	144843	77.433	ug/l	98
23) tert-Butyl Alcohol	2.983	59	166824	353.351	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	361944	68.438	ug/l	98
25) Chloroform	5.098	83	213815	68.534	ug/l	96
26) Cyclohexane	5.470	56	199419	118.800	ug/l #	93
29) 1,1-Dichloropropene	5.696	75	160933	84.372	ug/l	98
30) 2-Butanone	4.562	43	544757	453.142	ug/l	99
31) 2,2-Dichloropropane	4.476	77	152064	64.912	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	172466	64.306	ug/l	99
33) Carbon Tetrachloride	5.684	117	145887	63.923	ug/l	95
34) Benzene	6.043	78	512646	84.382	ug/l	97
35) Methacrylonitrile	4.928	41	110819	91.527	ug/l	92
36) 1,2-Dichloroethane	6.092	62	154711	68.333	ug/l	96
37) Trichloroethene	7.128	130	135168	72.636	ug/l	99
38) Methylcyclohexane	7.384	83	209861	107.431	ug/l	96
39) 1,2-Dichloropropane	7.433	63	128182	80.265	ug/l	99
40) Dibromomethane	7.586	93	91075	74.352	ug/l	91
41) Bromodichloromethane	7.823	83	158085	68.009	ug/l	98
42) Vinyl Acetate	3.727	43	1757440	471.704	ug/l	98

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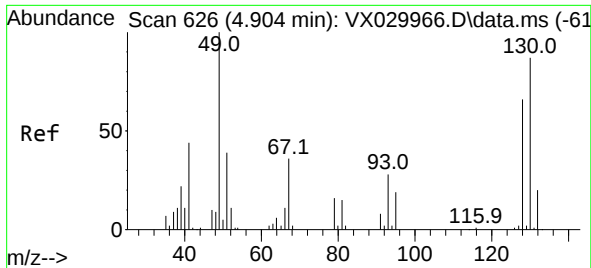
Quant Time: Jul 08 13:25:00 2022
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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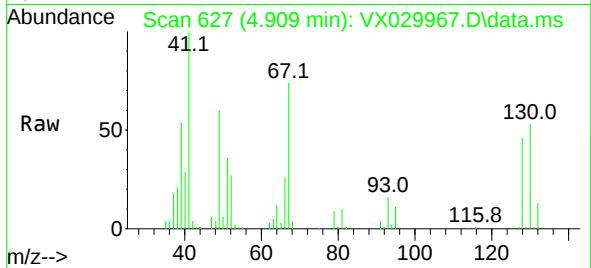
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.720	43	204361	90.840	ug/l	99
44) Isopropyl Acetate	6.342	43	310484	85.598	ug/l	99
45) 1,4-Dioxane	7.677	88	72556	1536.111	ug/l	96
46) Methyl methacrylate	7.695	41	150116	90.556	ug/l	98
47) n-amyl Acetate	10.847	43	272001	86.615	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	175659	71.950	ug/l	99
49) cis-1,3-Dichloropropene	8.372	75	198039	75.492	ug/l	96
50) 1,1,2-Trichloroethane	9.152	97	131558	68.299	ug/l	95
51) Ethyl methacrylate	9.122	69	210319	76.304	ug/l	95
52) 1,3-Dichloropropane	9.311	76	213638	70.894	ug/l	100
53) Dibromochloromethane	9.524	129	124345	63.098	ug/l	99
54) 1,2-Dibromoethane	9.610	107	136339	68.039	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	524628	362.532	ug/l	96
56) Bromoform	10.805	173	87002	57.273	ug/l	96
58) 4-Methyl-2-Pentanone	8.579	43	1059124	451.435	ug/l	97
59) 2-Hexanone	9.433	43	808137	445.064	ug/l	99
61) Tetrachloroethene	9.274	164	125315	70.439	ug/l	96
62) Toluene	8.720	91	551492	78.844	ug/l	96
64) Chlorobenzene	10.079	112	337170	68.326	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.164	131	115384	59.866	ug/l	95
66) Ethyl Benzene	10.195	91	594929	72.141	ug/l	100
67) m/p-Xylenes	10.305	106	460022	139.158	ug/l	99
68) o-Xylene	10.646	106	229465	68.301	ug/l	98
69) Styrene	10.658	104	384294	68.488	ug/l	97
70) Isopropylbenzene	10.963	105	578071	66.136	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	206433	69.560	ug/l	99
72) 1,2,3-Trichloropropane	11.243	75	187966m	71.181	ug/l	
73) Bromobenzene	11.201	156	137873	58.501	ug/l	90
74) n-propylbenzene	11.304	91	699704	71.795	ug/l	98
75) 2-Chlorotoluene	11.365	91	404088	66.931	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	482205	65.792	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	66996	83.790	ug/l	84
78) 4-Chlorotoluene	11.457	91	456046	66.784	ug/l	97
79) tert-butylbenzene	11.719	119	480285	64.592	ug/l	99
80) 1,2,4-Trimethylbenzene	11.756	105	512874	69.712	ug/l	99
81) sec-Butylbenzene	11.890	105	641634	72.798	ug/l	99
82) p-Isopropyltoluene	12.012	119	523362	68.409	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	266587	60.308	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	270557	60.200	ug/l	98
85) n-Butylbenzene	12.335	91	484507	78.471	ug/l	98
86) Hexachloroethane	12.542	117	86673	71.996	ug/l	86
87) 1,2-Dichlorobenzene	12.335	146	264866	59.496	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.944	75	48138	75.939	ug/l	93
89) 1,2,4-Trichlorobenzene	13.591	180	162499	58.439	ug/l	98
90) Hexachlorobutadiene	13.725	225	62088	52.666	ug/l	99
91) Naphthalene	13.780	128	669029	68.850	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	167842	60.214	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.909 min Scan# 61
Delta R.T. 0.005 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

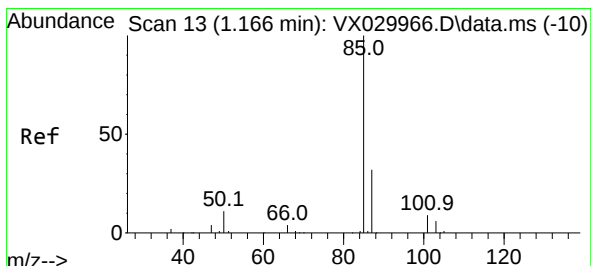
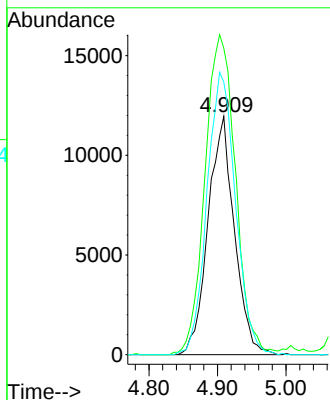
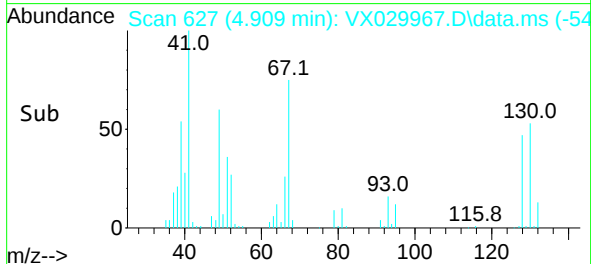
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:128 Resp: 31904
Ion Ratio Lower Upper
128 100
49 155.1 0.0 358.3
130 128.7 0.0 319.3

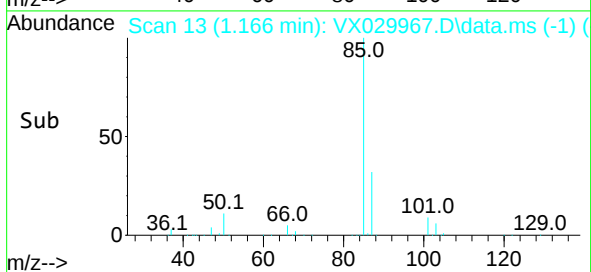
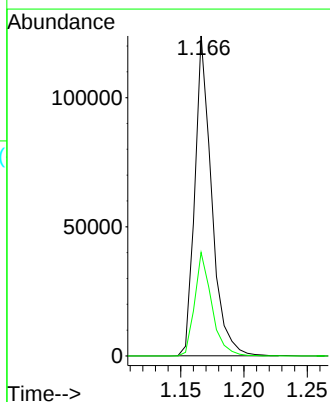
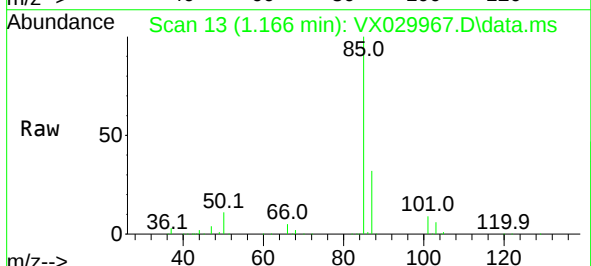
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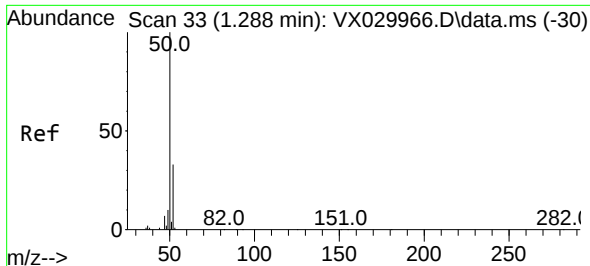
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#2
Dichlorodifluoromethane
Concen: 101.474 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

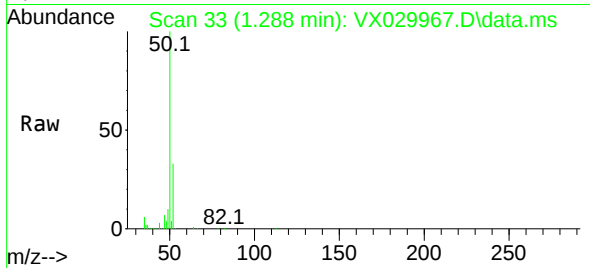
Tgt Ion: 85 Resp: 114549
Ion Ratio Lower Upper
85 100
87 32.4 15.6 46.8





#3
Chloromethane
Concen: 131.968 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

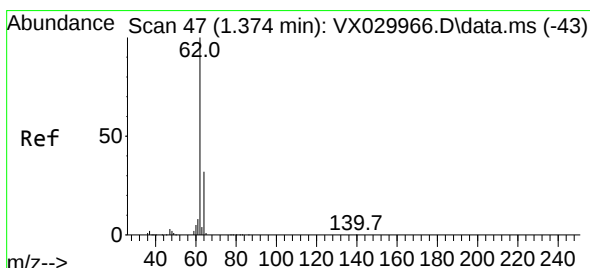
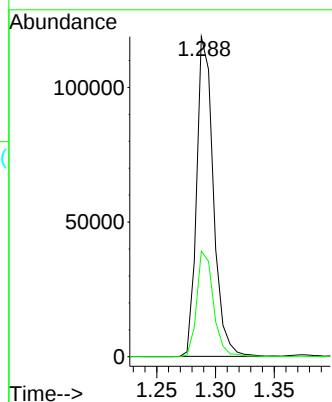
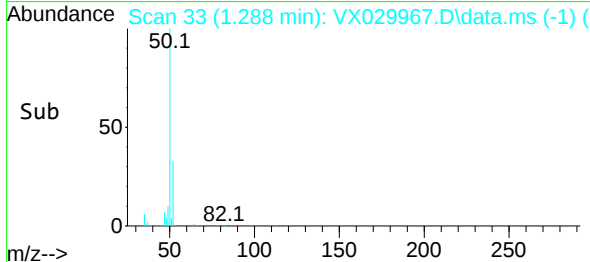
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



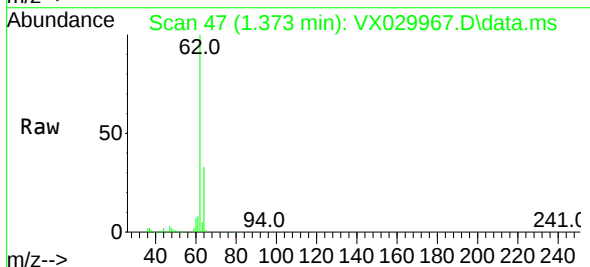
Tgt Ion: 50 Resp: 11743
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4

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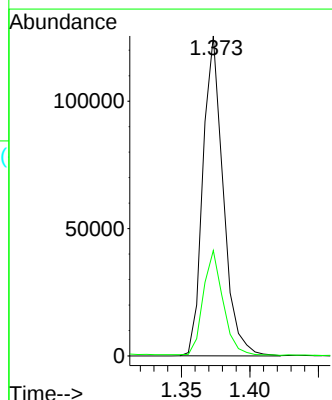
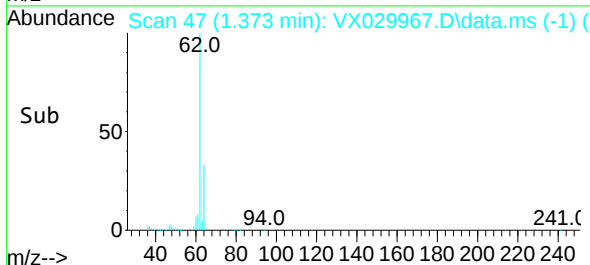
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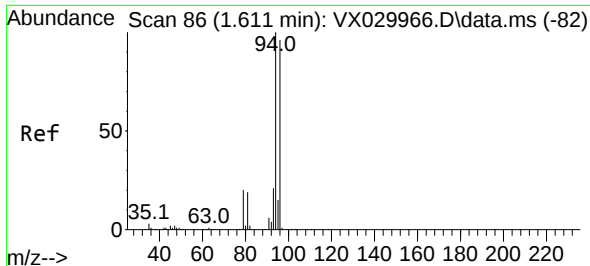


#4
Vinyl Chloride
Concen: 114.590 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



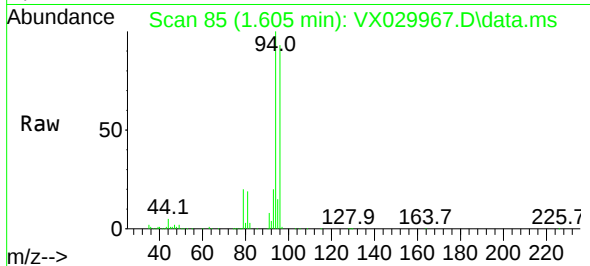
Tgt Ion: 62 Resp: 129629
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2





#5
Bromomethane
Concen: 55.309 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

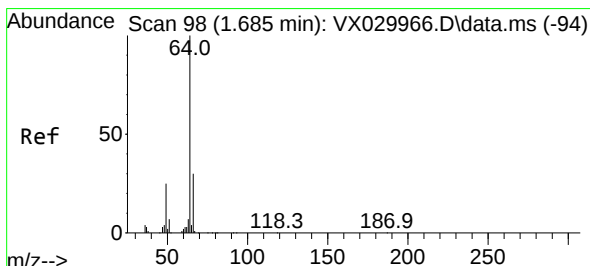
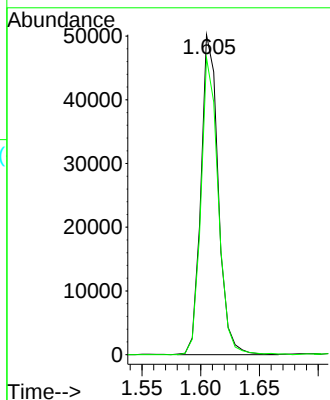
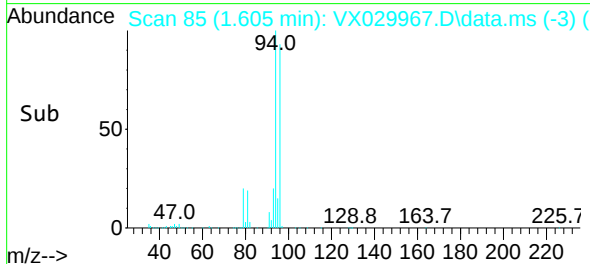
Instrument :
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ClientSampleId :
VSTDIC050



Tgt Ion: 94 Resp: 51548
Ion Ratio Lower Upper
94 100
96 92.8 77.0 115.6

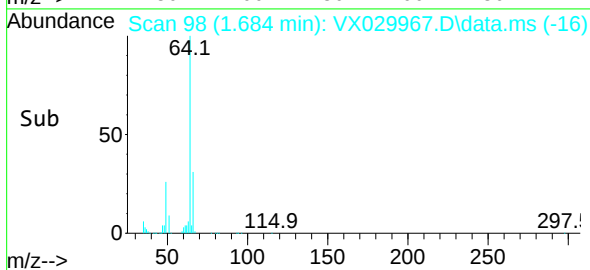
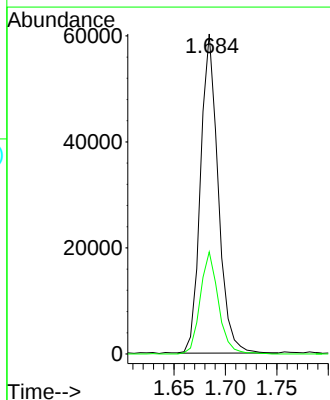
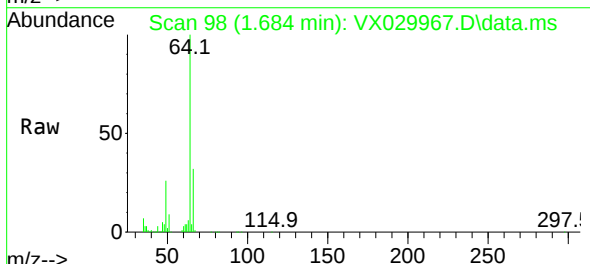
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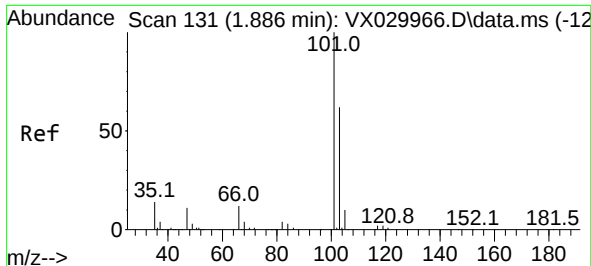
Reviewed By :John Carlone 07/11/2022
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#6
Chloroethane
Concen: 82.533 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

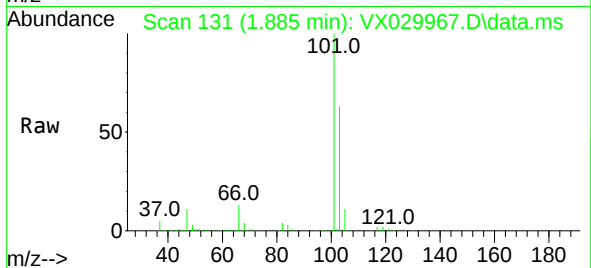
Tgt Ion: 64 Resp: 71902
Ion Ratio Lower Upper
64 100
66 32.0 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 66.424 ug/l
 RT: 1.885 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029967.D
 Acq: 08 Jul 2022 12:33

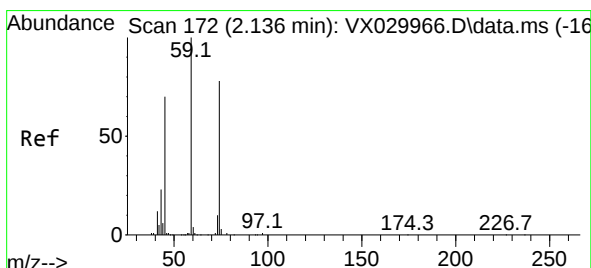
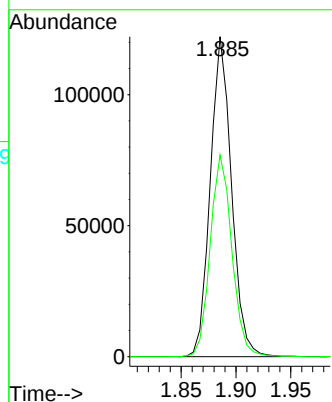
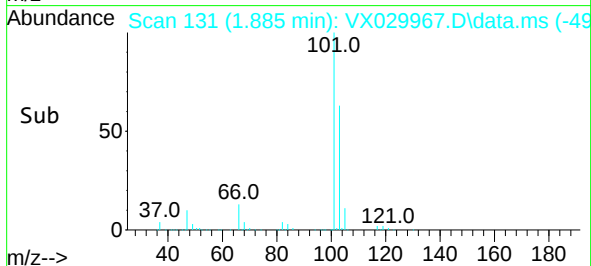
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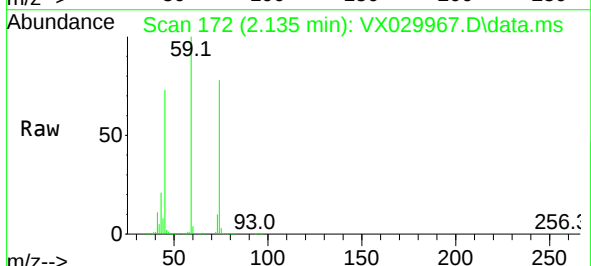
Tgt Ion:101 Resp: 164302
 Ion Ratio Lower Upper
 101 100
 103 63.0 49.6 74.4

Manual Integrations
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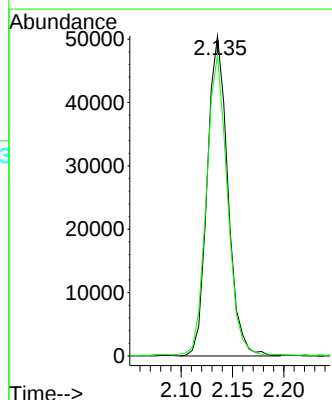
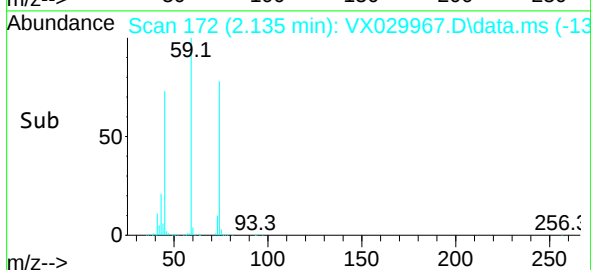
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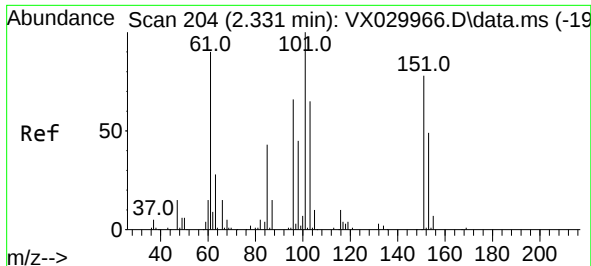


#8
 Diethyl Ether
 Concen: 72.035 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX029967.D
 Acq: 08 Jul 2022 12:33



Tgt Ion: 74 Resp: 70274
 Ion Ratio Lower Upper
 74 100
 45 95.9 18.7 168.7





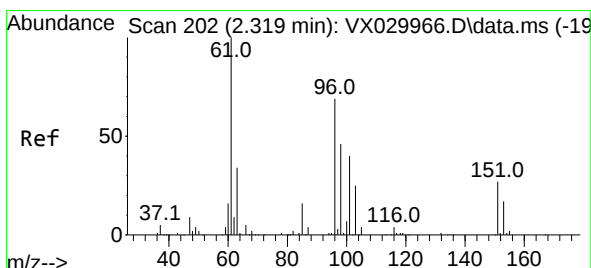
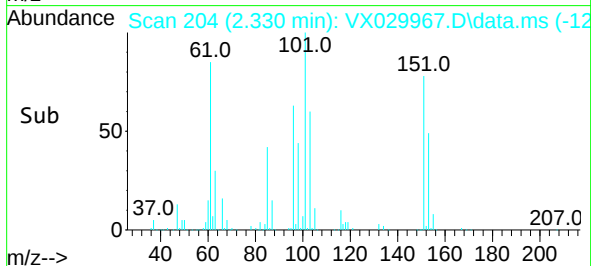
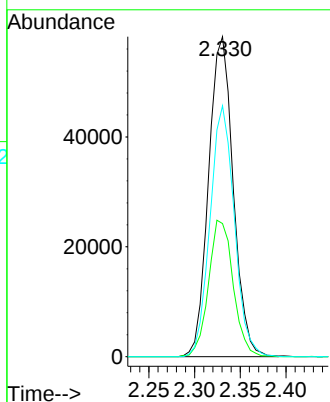
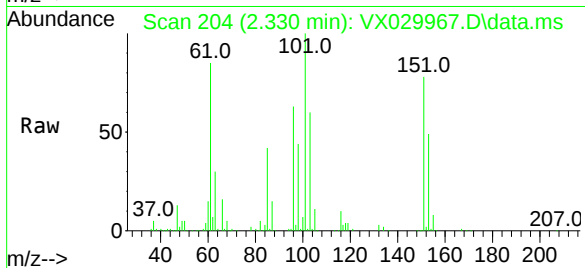
#9
1,1,2-Trichlorotrifluoroethane
Concen: 75.080 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX029967.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 109215
Ion Ratio Lower Upper
101 100
85 42.5 0.0 84.6
151 77.4 0.0 165.4

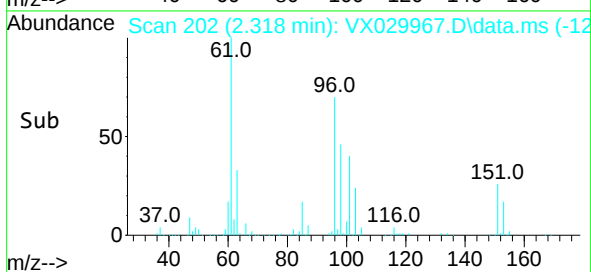
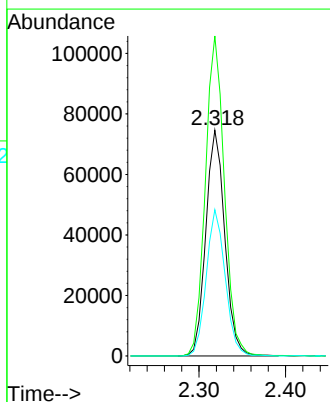
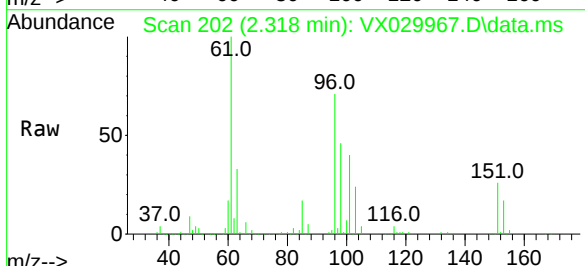
Manual Integrations
APPROVED

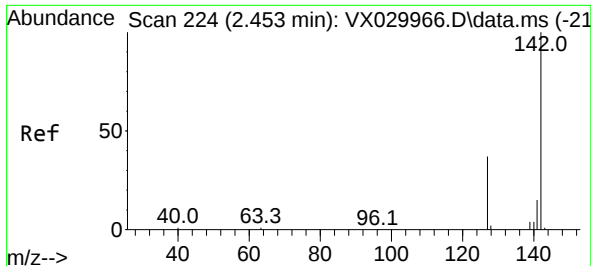
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#10
1,1-Dichloroethene
Concen: 94.617 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

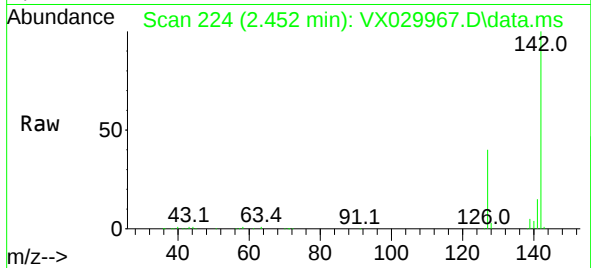
Tgt Ion: 96 Resp: 113803
Ion Ratio Lower Upper
96 100
61 141.7 122.6 183.8
98 64.8 50.1 75.1





#11
Methyl Iodide
Concen: 62.082 ug/l
RT: 2.452 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

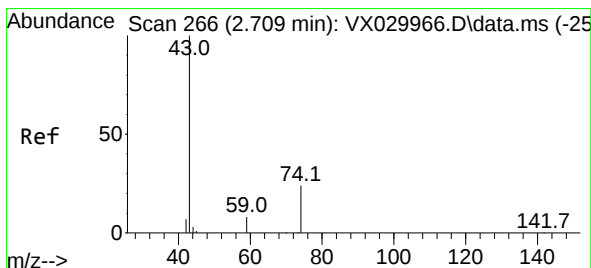
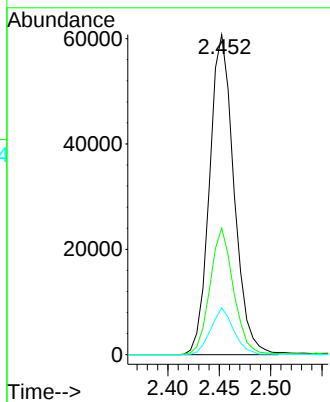
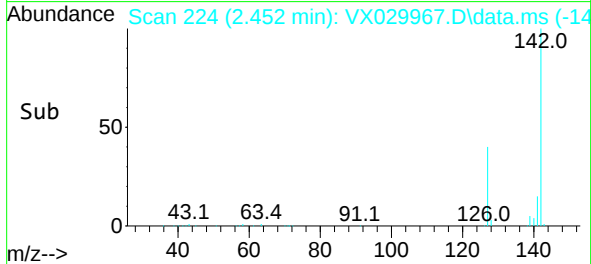
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



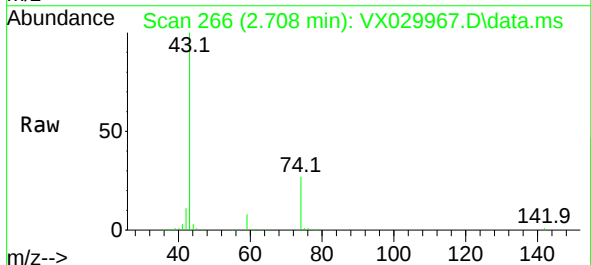
Tgt Ion:142 Resp: 100289
Ion Ratio Lower Upper
142 100
127 39.5 22.3 66.9
141 14.6 7.0 20.9

Manual Integrations
APPROVED

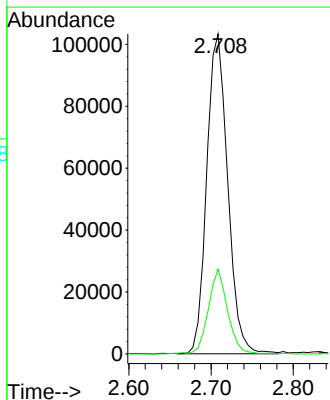
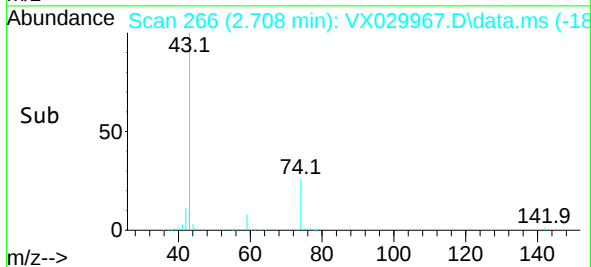
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

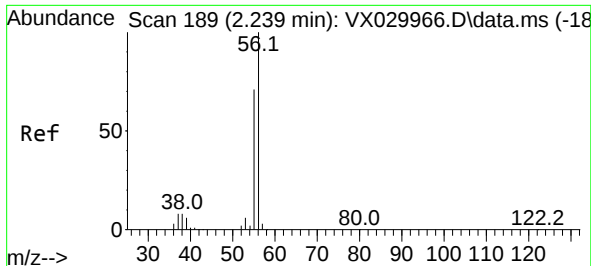


#12
Methyl Acetate
Concen: 95.342 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



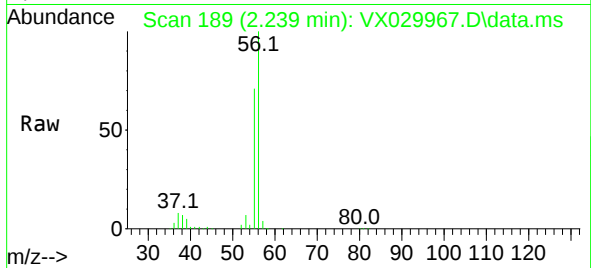
Tgt Ion: 43 Resp: 183070
Ion Ratio Lower Upper
43 100
74 26.4 22.1 33.1





#13
Acrolein
Concen: 255.987 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

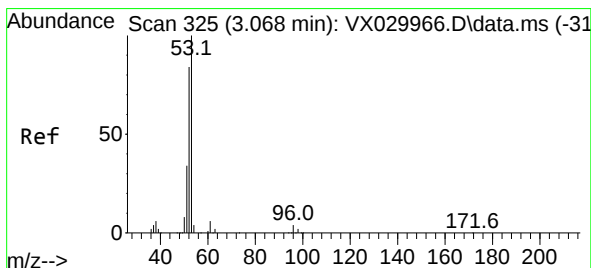
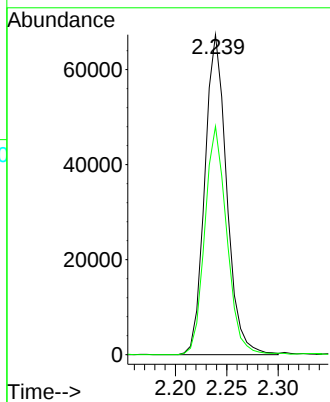
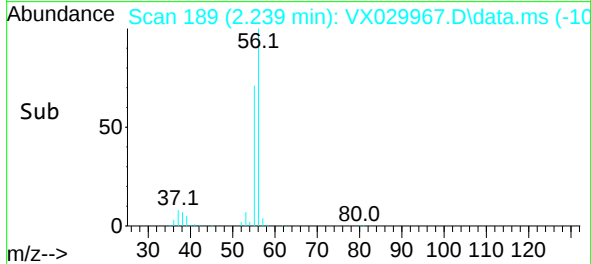
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



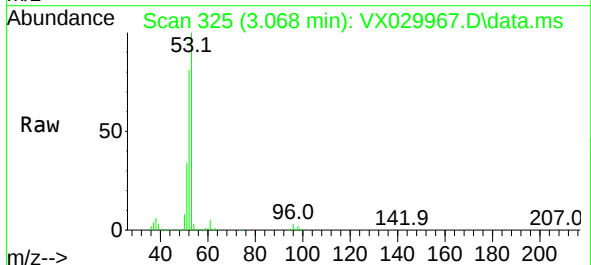
Tgt Ion: 56 Resp: 99739
Ion Ratio Lower Upper
56 100
55 71.5 56.4 84.6

Manual Integrations
APPROVED

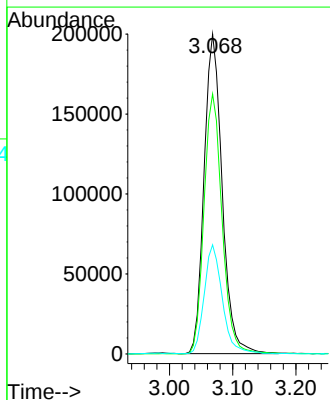
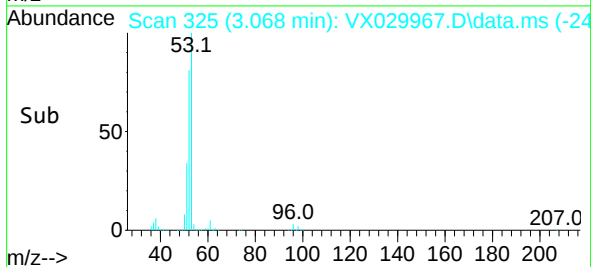
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

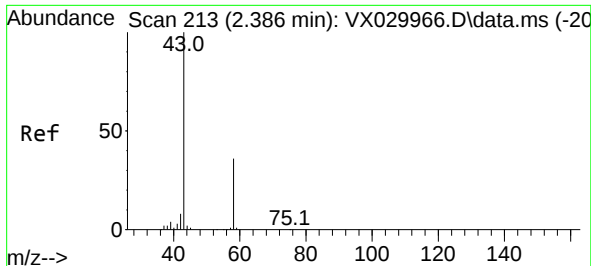


#14
Acrylonitrile
Concen: 455.117 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



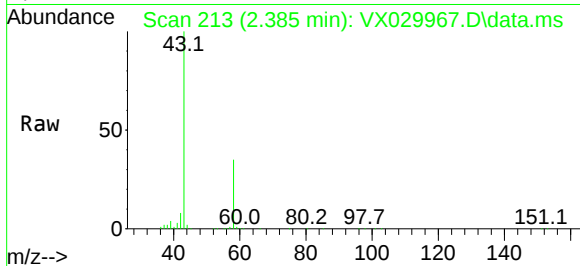
Tgt Ion: 53 Resp: 397850
Ion Ratio Lower Upper
53 100
52 81.3 41.5 124.5
51 34.2 18.1 54.4





#15
Acetone
Concen: 442.484 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

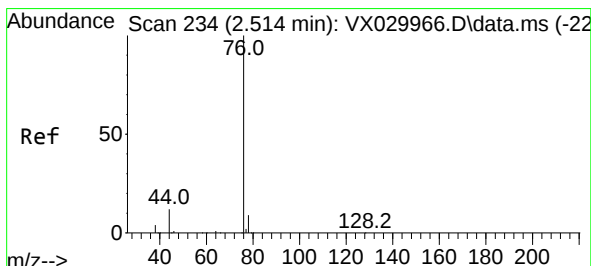
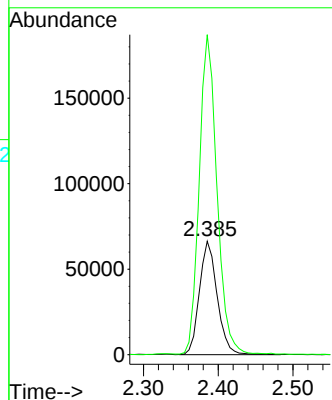
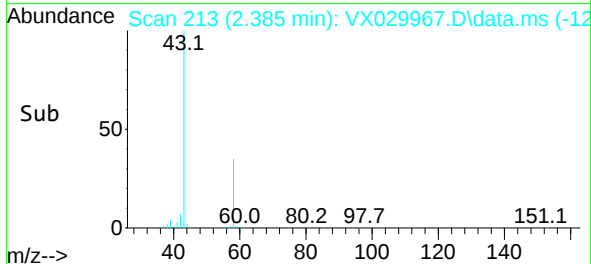
Instrument :
MSVOA_X
Client Sample Id :
VSTDICC050



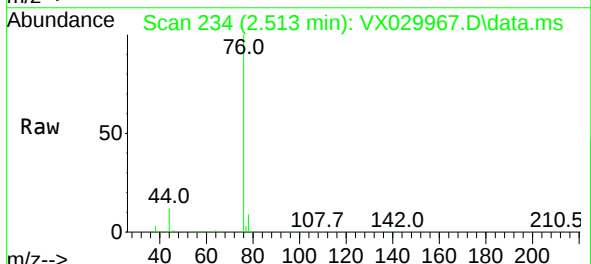
Tgt Ion: 58 Resp: 109550
Ion Ratio Lower Upper
58 100
43 281.9 250.2 375.2

Manual Integrations
APPROVED

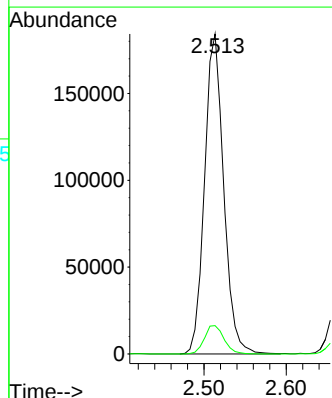
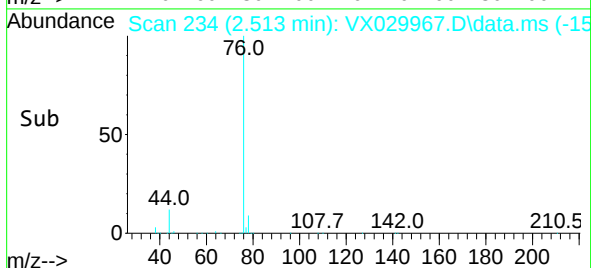
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

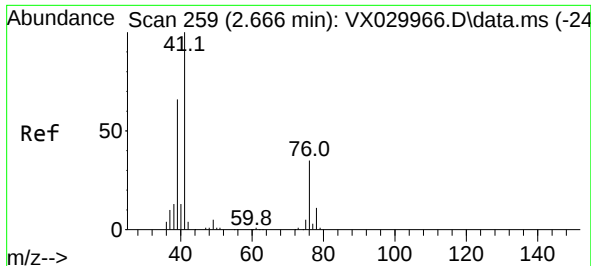


#16
Carbon Disulfide
Concen: 209.296 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



Tgt Ion: 76 Resp: 297518
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7





#17

Allyl chloride

Concen: 110.499 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 41 Resp: 199709

Ion Ratio Lower Upper

41 100

39 63.6 35.4 106.1

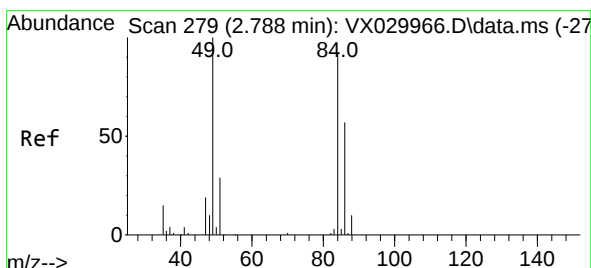
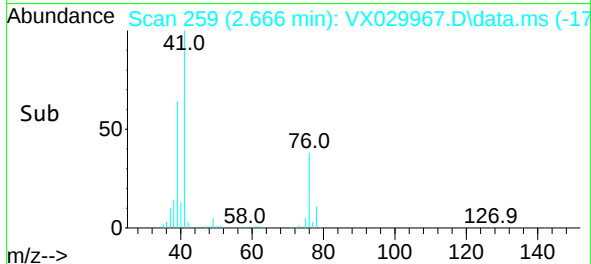
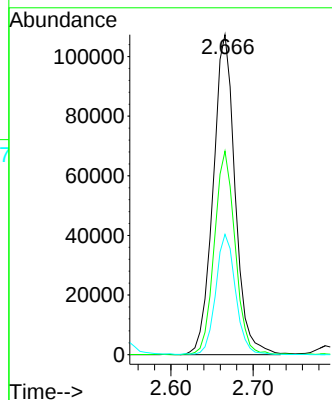
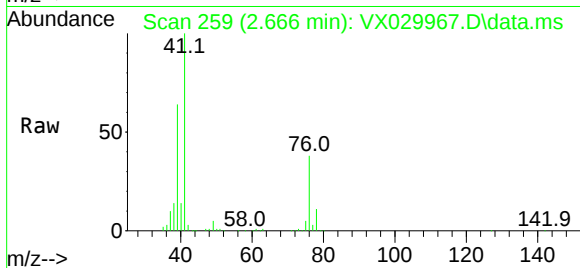
76 37.5 18.4 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#18

Methylene Chloride

Concen: 84.698 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Tgt Ion: 84 Resp: 130891

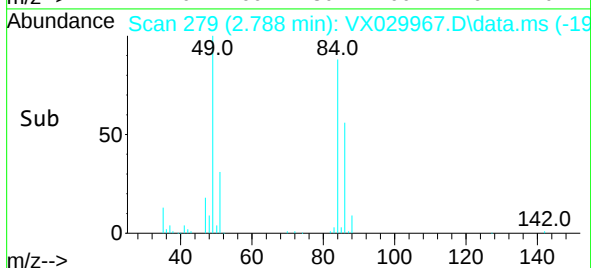
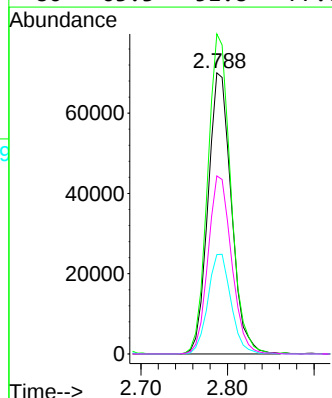
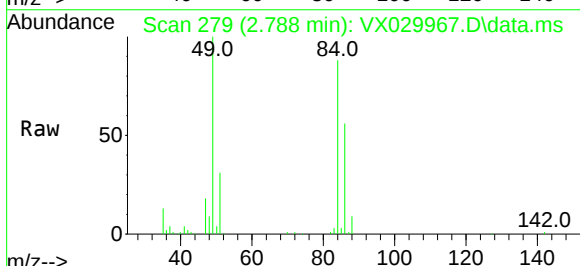
Ion Ratio Lower Upper

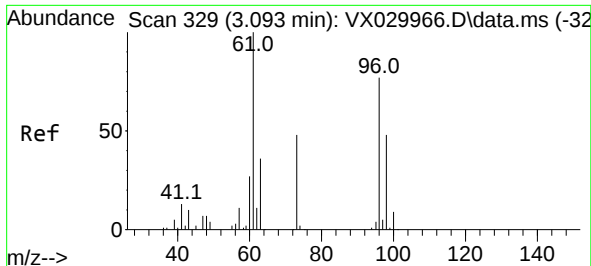
84 100

49 113.8 94.2 141.2

51 35.3 29.2 43.8

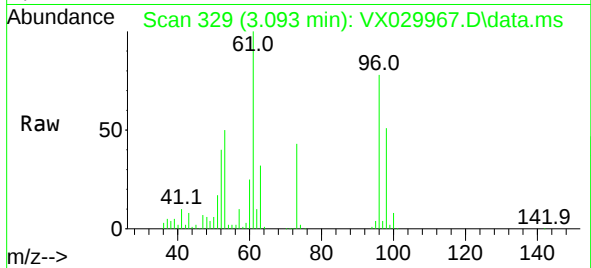
86 63.3 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 91.579 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

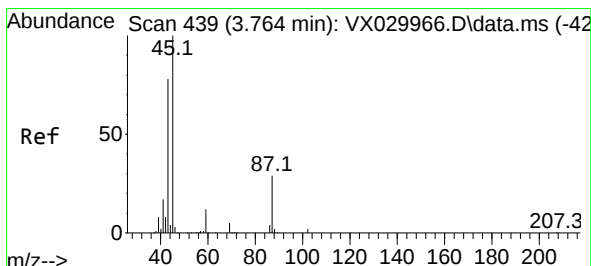
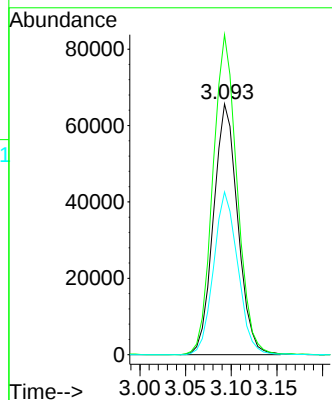
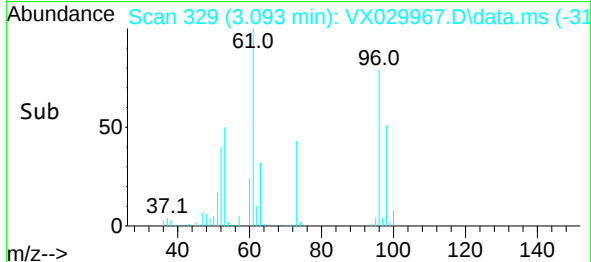
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 96 Resp: 121684
Ion Ratio Lower Upper
96 100
61 127.6 108.7 163.1
98 64.9 49.2 73.8

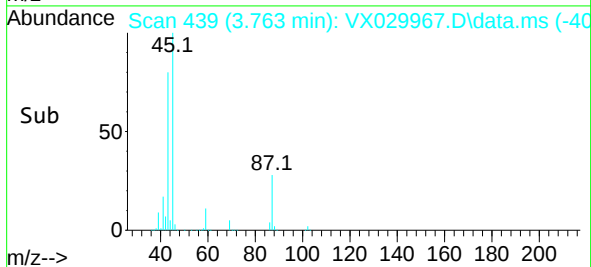
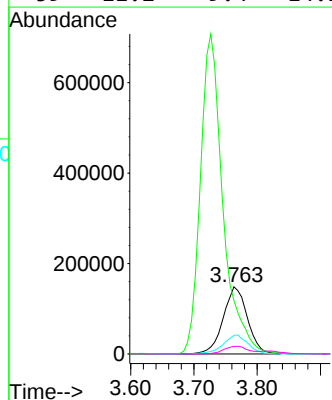
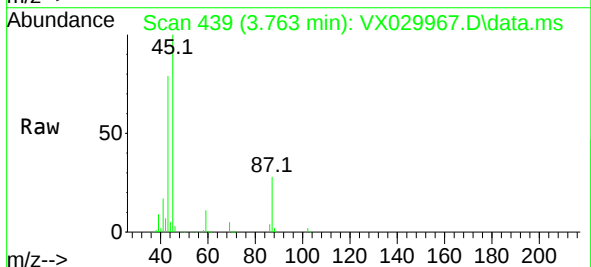
Manual Integrations
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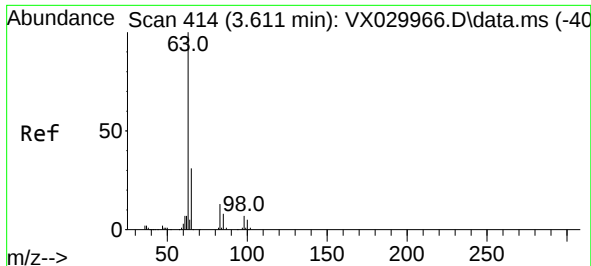
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#20
Diisopropyl ether
Concen: 87.408 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

Tgt Ion: 45 Resp: 392648
Ion Ratio Lower Upper
45 100
43 78.6 70.3 105.5
87 27.6 24.5 36.7
59 11.2 9.4 14.2





#21

1,1-Dichloroethane

Concen: 80.488 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 21370

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

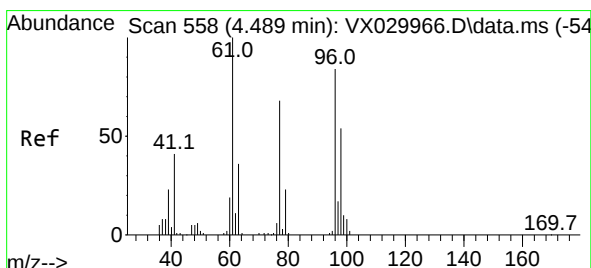
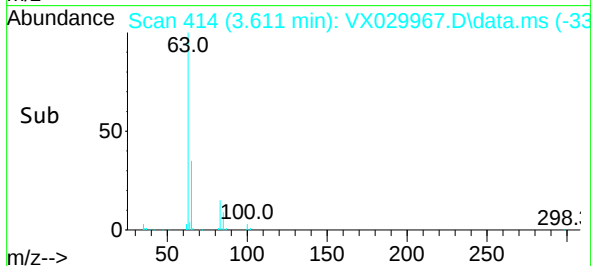
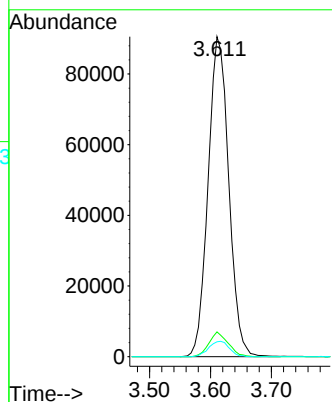
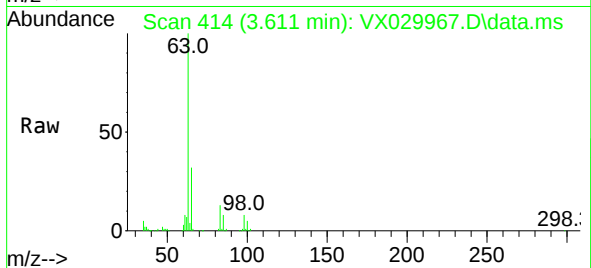
100 4.6 2.5 7.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#22

cis-1,2-Dichloroethene

Concen: 77.433 ug/l

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

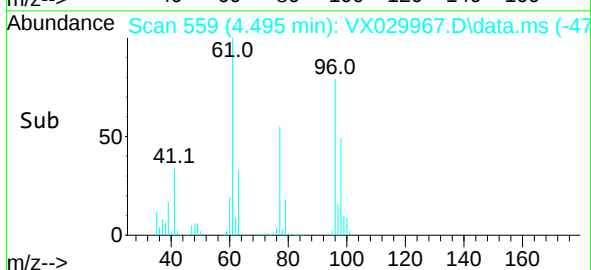
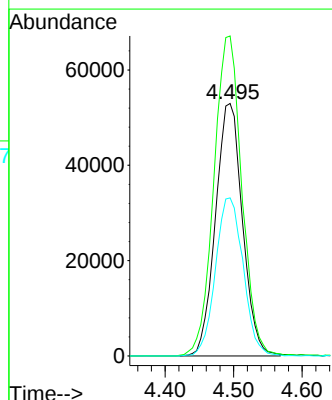
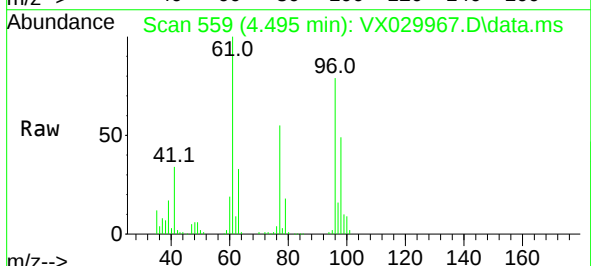
Tgt Ion: 96 Resp: 144843

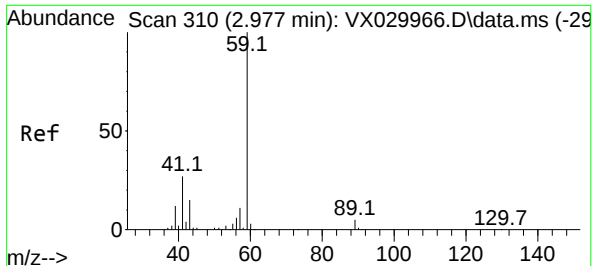
Ion Ratio Lower Upper

96 100

61 131.1 107.4 161.2

98 64.2 51.1 76.7





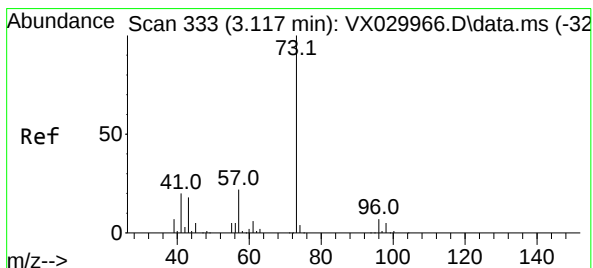
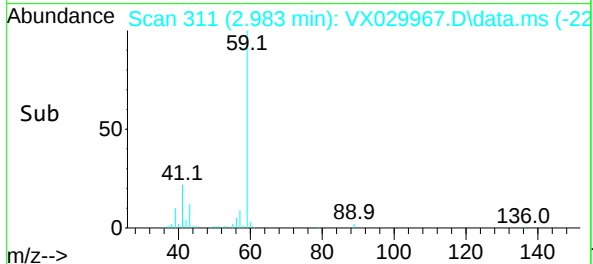
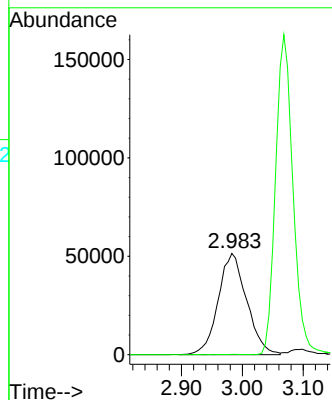
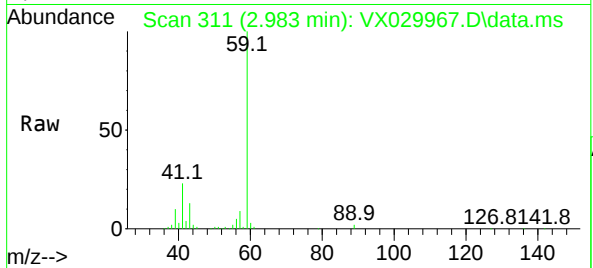
#23
tert-Butyl Alcohol
Concen: 353.351 ug/l
RT: 2.983 min Scan# 310
Delta R.T. 0.030 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 166824
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

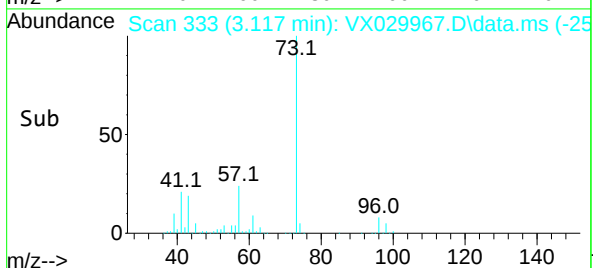
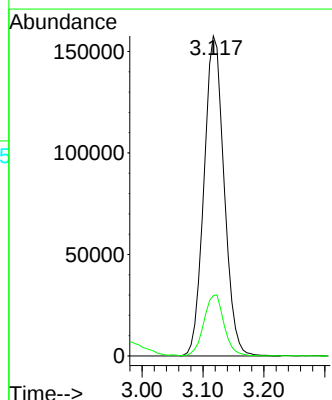
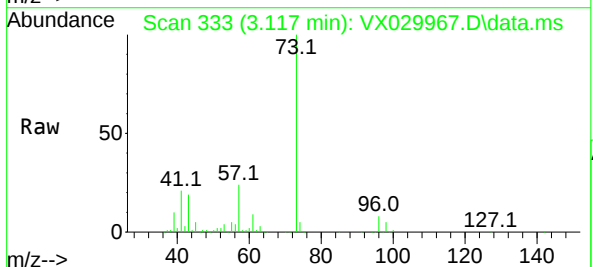
Manual Integrations
APPROVED

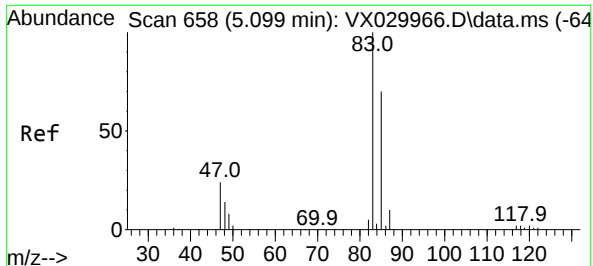
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#24
Methyl tert-Butyl Ether
Concen: 68.438 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

Tgt Ion: 73 Resp: 361944
Ion Ratio Lower Upper
73 100
43 19.2 16.0 24.0





#25

Chloroform

Concen: 68.534 ug/l

RT: 5.098 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 83 Resp: 21381

Ion Ratio Lower Upper

83 100

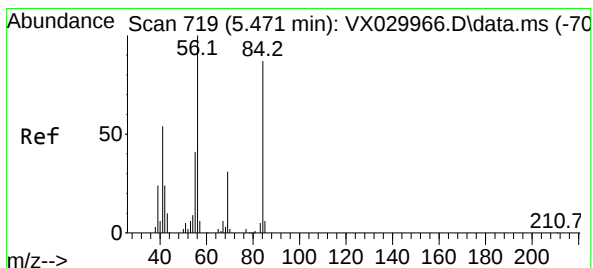
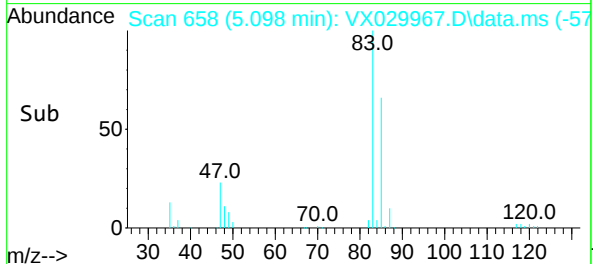
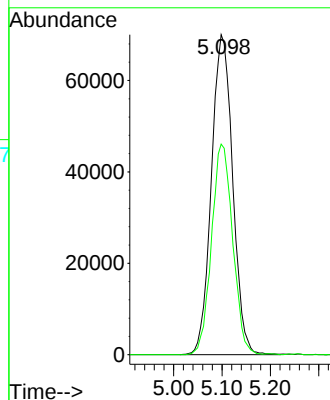
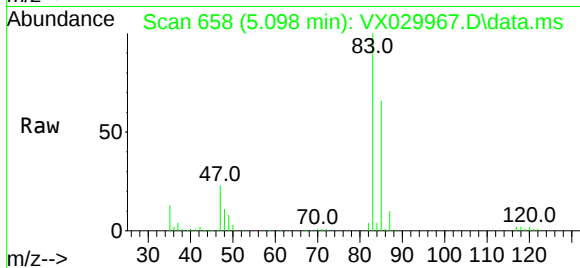
85 65.8 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#26

Cyclohexane

Concen: 118.800 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

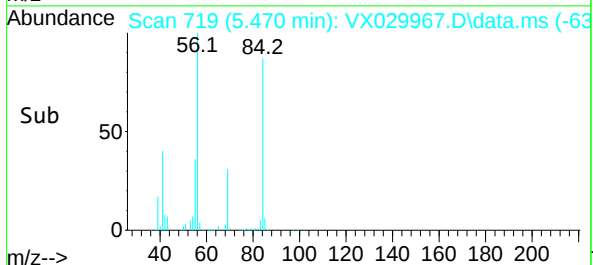
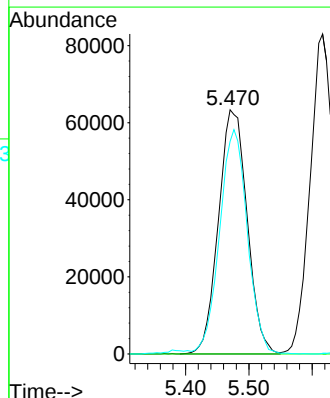
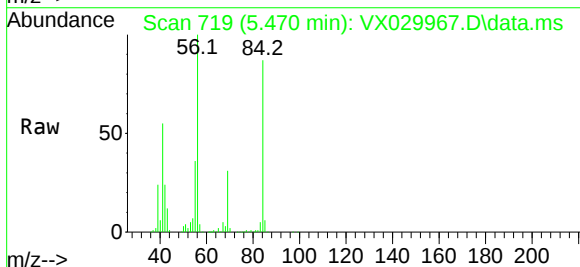
Tgt Ion: 56 Resp: 199419

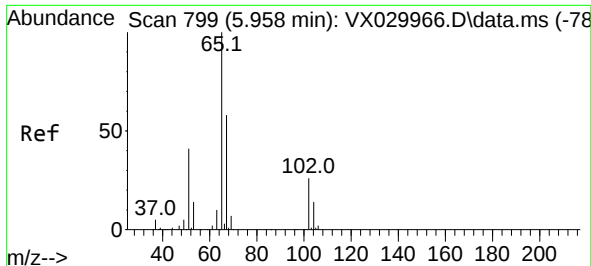
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

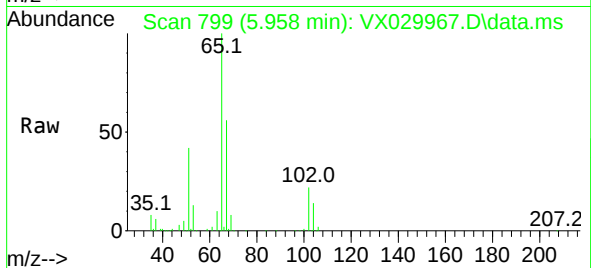
84 88.8 76.2 114.2





#27
1,2-Dichloroethane-d4
Concen: 37.217 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

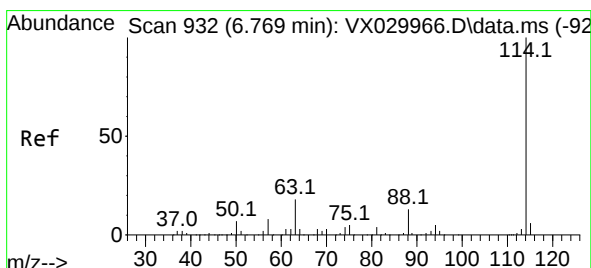
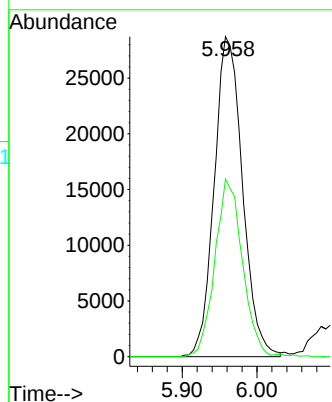
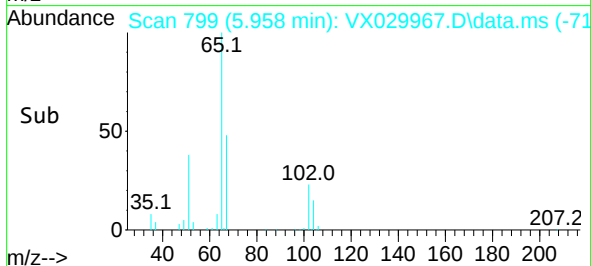
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



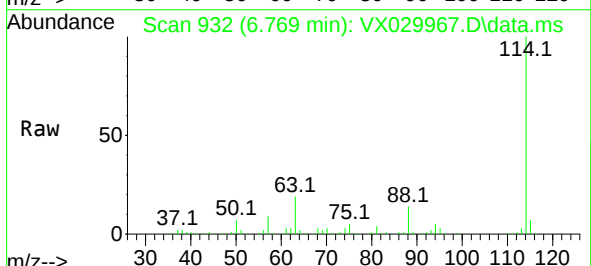
Tgt Ion: 65 Resp: 7551
Ion Ratio Lower Upper
65 100
67 53.7 42.3 63.5

Manual Integrations
APPROVED

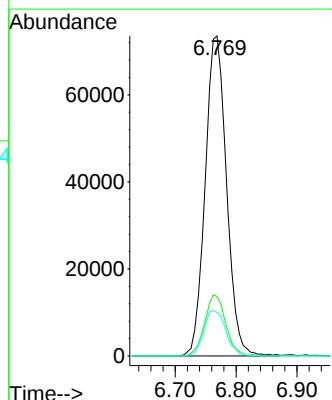
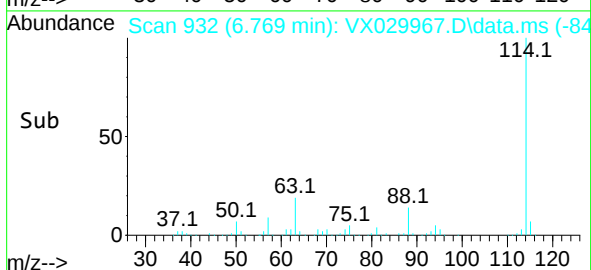
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

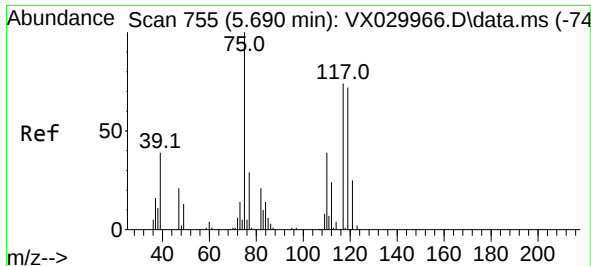


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



Tgt Ion:114 Resp: 179332
Ion Ratio Lower Upper
114 100
63 18.7 15.3 22.9
88 14.6 12.2 18.4





#29

1,1-Dichloropropene

Concen: 84.372 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 16093

Ion Ratio Lower Upper

75 100

110 38.5 0.0 73.6

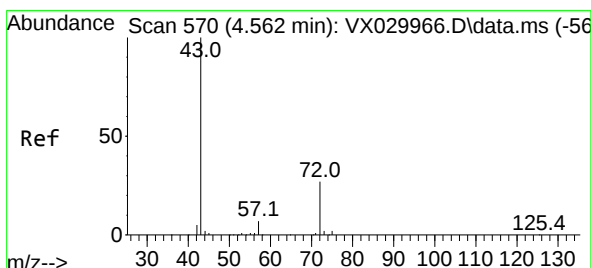
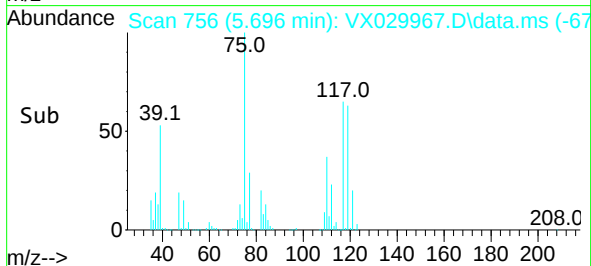
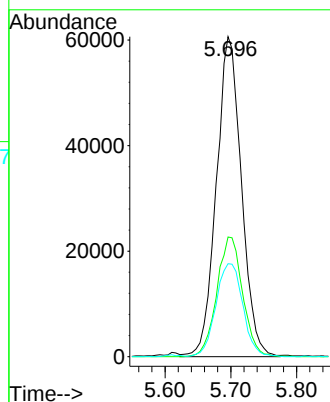
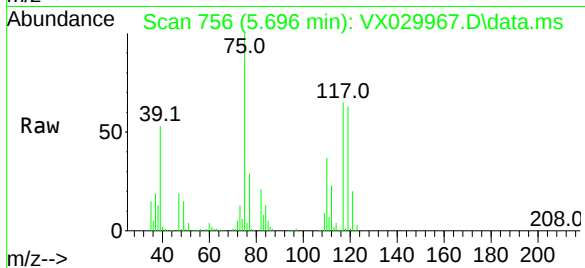
77 31.2 0.0 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#30

2-Butanone

Concen: 453.142 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

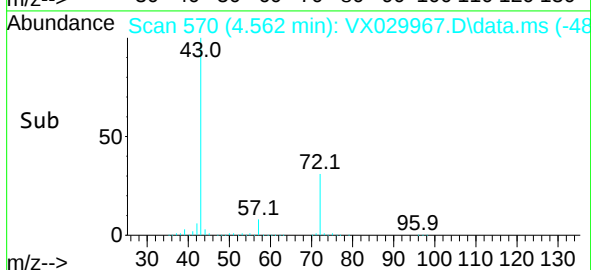
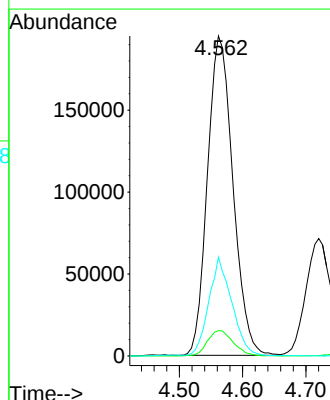
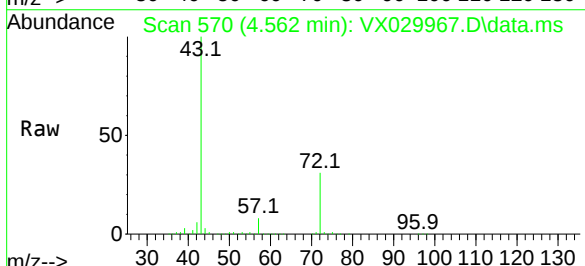
Tgt Ion: 43 Resp: 544757

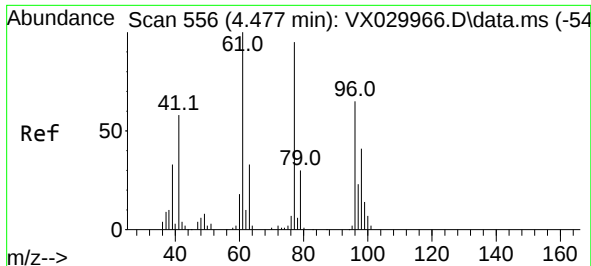
Ion Ratio Lower Upper

43 100

57 8.1 6.6 10.0

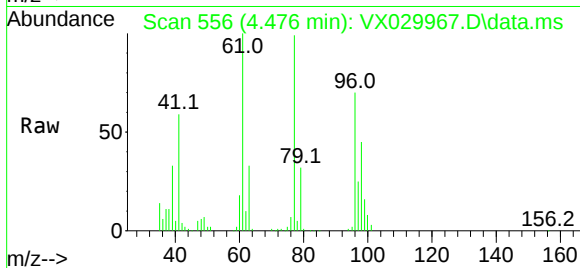
72 27.9 22.1 33.1





#31
2,2-Dichloropropane
Concen: 64.912 ug/l
RT: 4.476 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

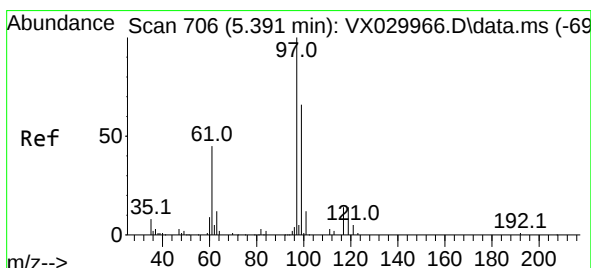
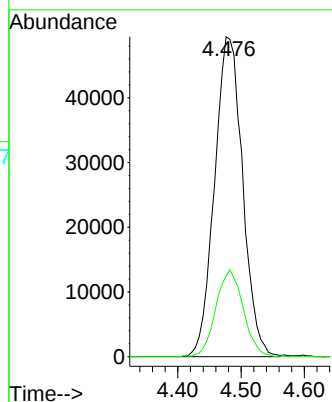
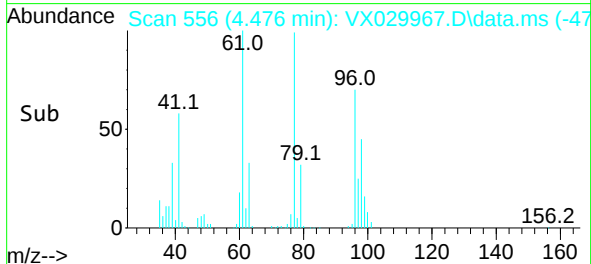
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 77 Resp: 152064
Ion Ratio Lower Upper
77 100
97 26.4 18.4 27.6

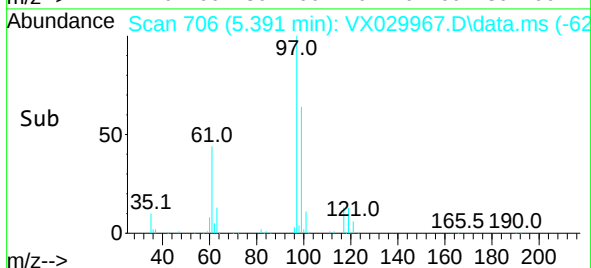
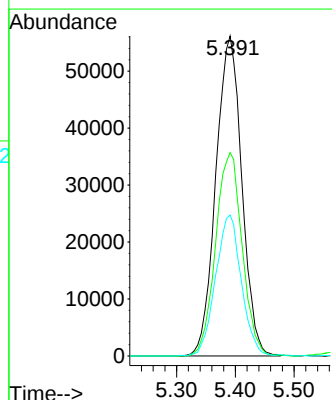
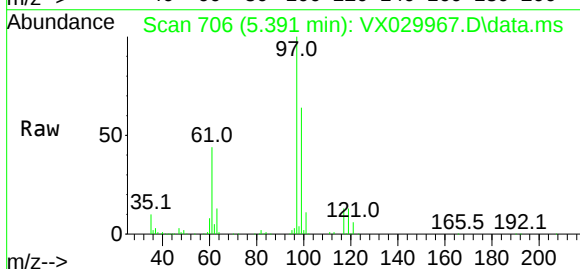
Manual Integrations
APPROVED

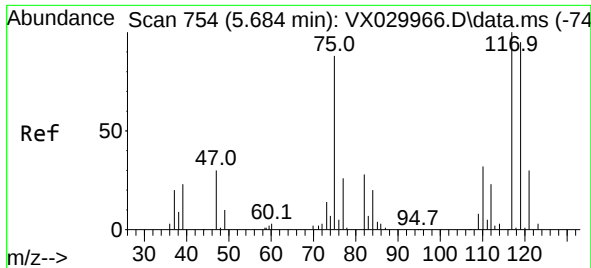
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#32
1,1,1-Trichloroethane
Concen: 64.306 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

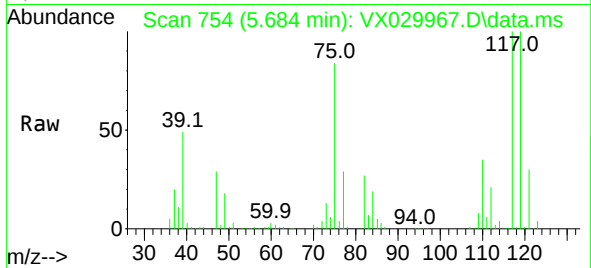
Tgt Ion: 97 Resp: 172466
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.8
61 43.6 33.4 50.0





#33
Carbon Tetrachloride
Concen: 63.923 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

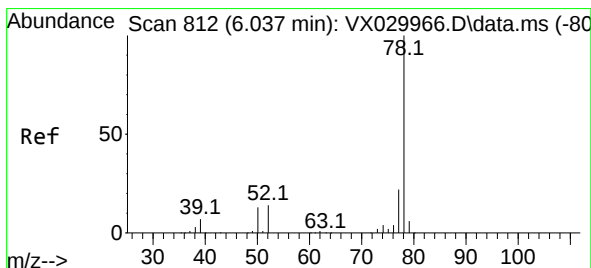
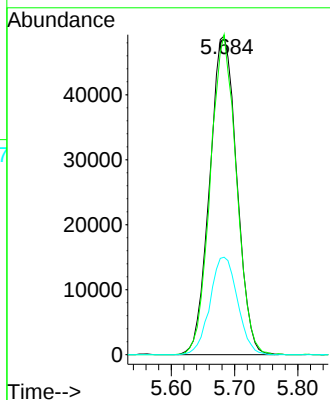
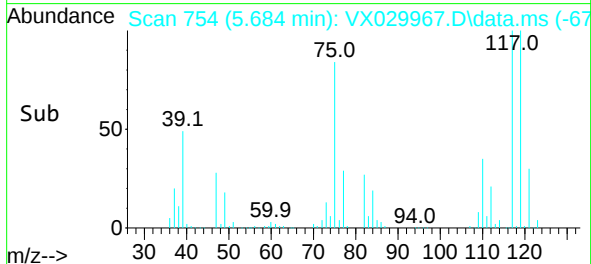
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:117 Resp: 14588
Ion Ratio Lower Upper
117 100
119 100.3 75.3 112.9
121 30.6 24.1 36.1

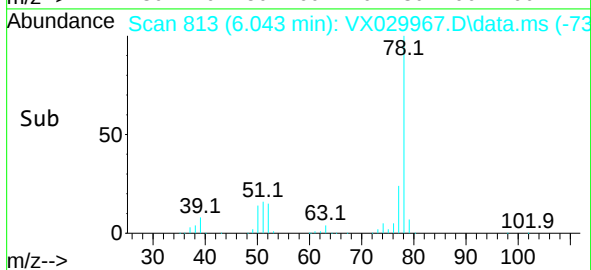
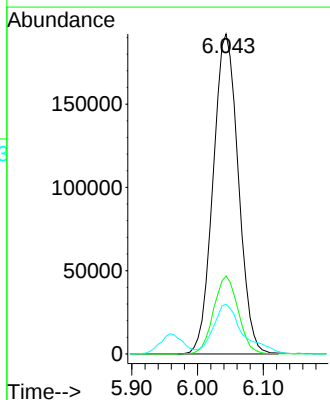
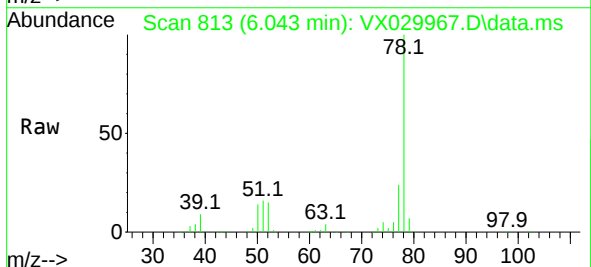
Manual Integrations
APPROVED

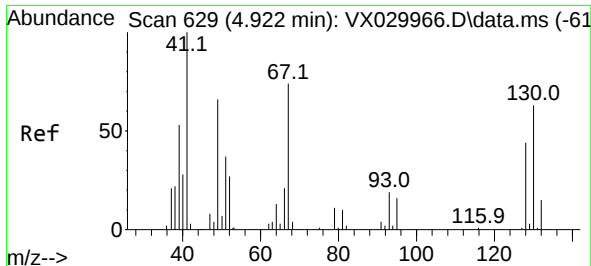
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#34
Benzene
Concen: 84.382 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

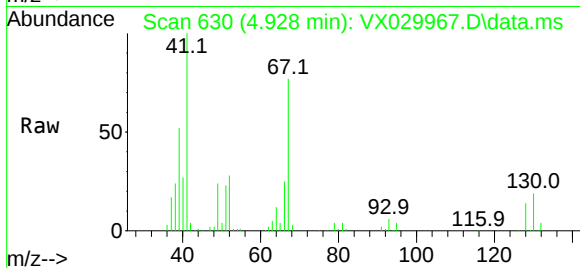
Tgt Ion: 78 Resp: 512646
Ion Ratio Lower Upper
78 100
77 24.3 18.5 27.7
51 14.7 12.9 19.3





#35
Methacrylonitrile
Concen: 91.527 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

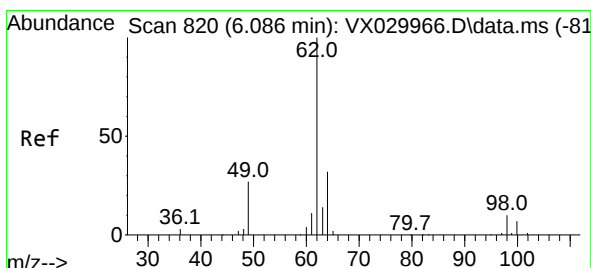
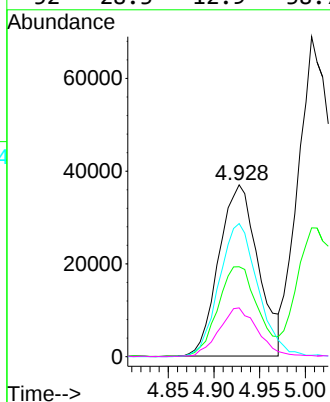
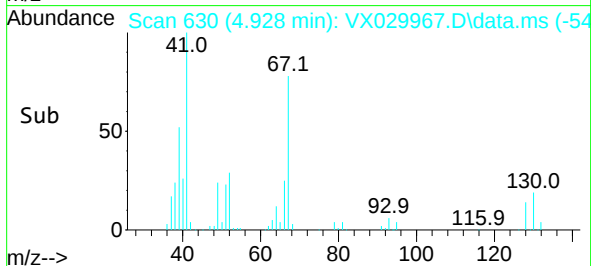
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 41 Resp: 110819
Ion Ratio Lower Upper
41 100
39 52.2 27.0 81.0
67 77.4 33.3 99.8
52 28.3 12.9 38.7

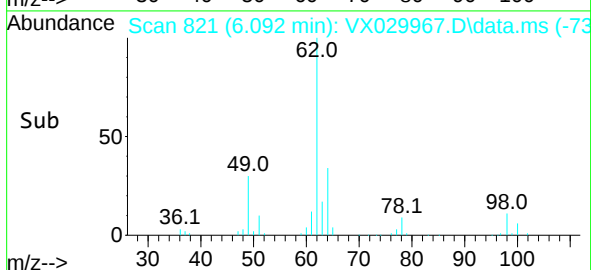
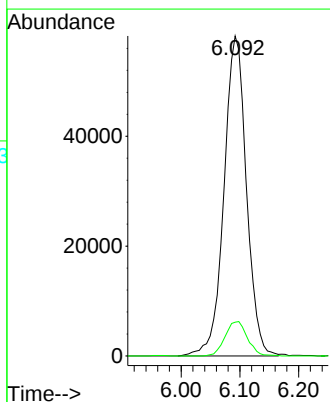
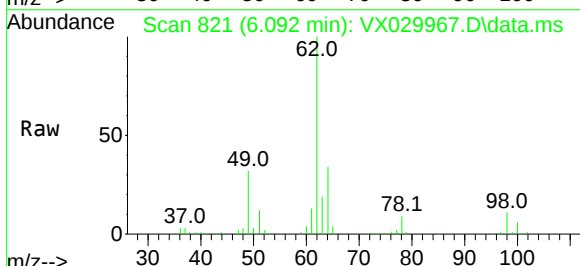
Manual Integrations
APPROVED

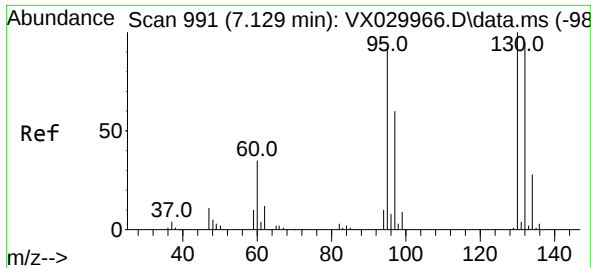
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#36
1,2-Dichloroethane
Concen: 68.333 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

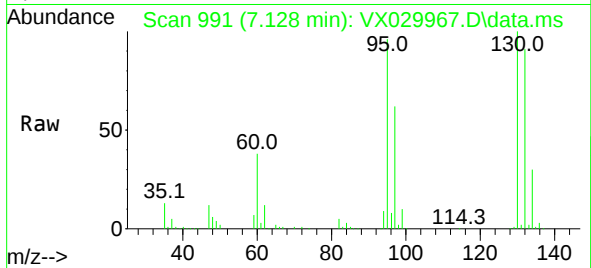
Tgt Ion: 62 Resp: 154711
Ion Ratio Lower Upper
62 100
98 10.7 7.4 11.0





#37
Trichloroethene
Concen: 72.636 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

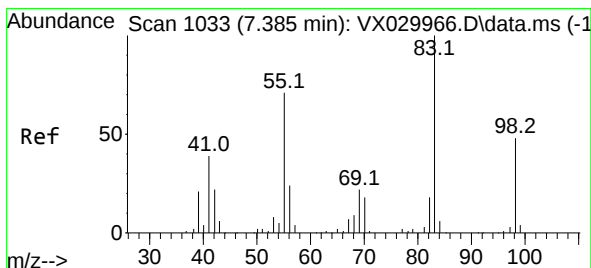
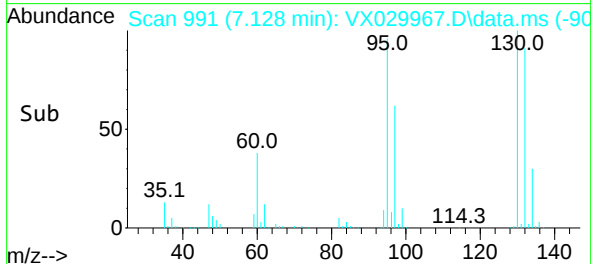
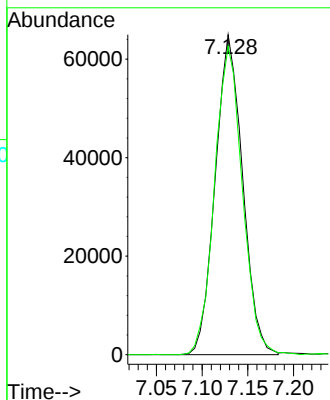
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:130 Resp: 135168
Ion Ratio Lower Upper
130 100
95 96.3 76.5 114.7

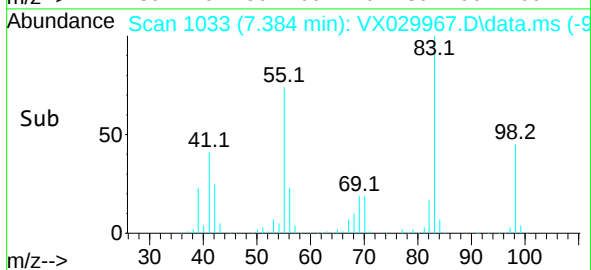
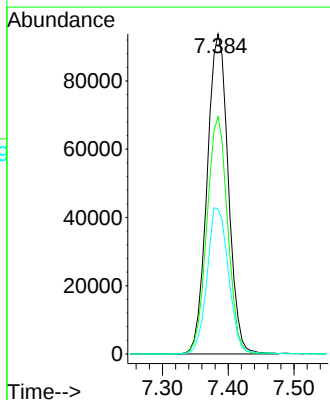
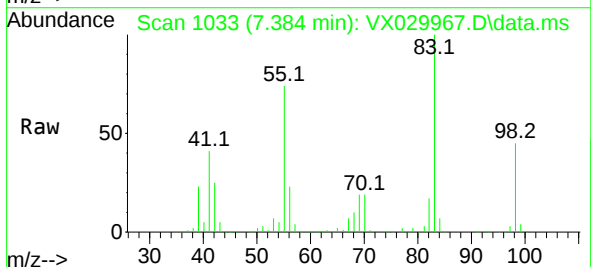
Manual Integrations
APPROVED

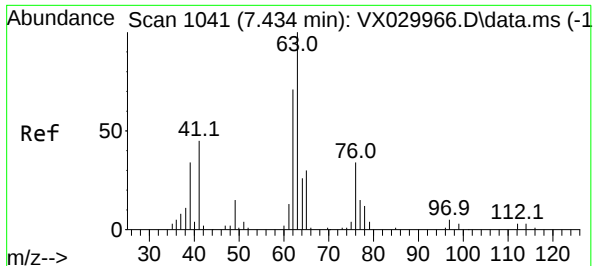
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#38
Methylcyclohexane
Concen: 107.431 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

Tgt Ion: 83 Resp: 209861
Ion Ratio Lower Upper
83 100
55 72.4 37.0 110.9
98 46.2 25.9 77.8





#39

1,2-Dichloropropane

Concen: 80.265 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 12818

Ion Ratio Lower Upper

63 100

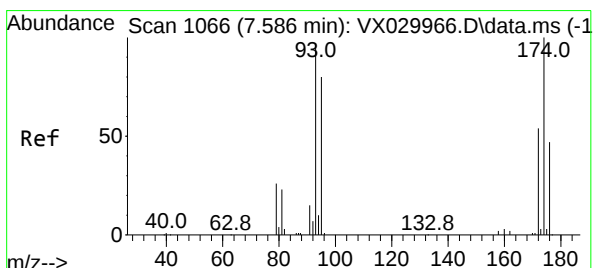
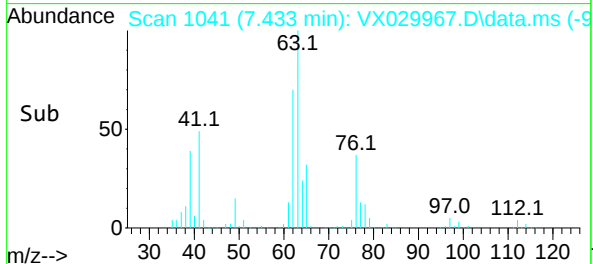
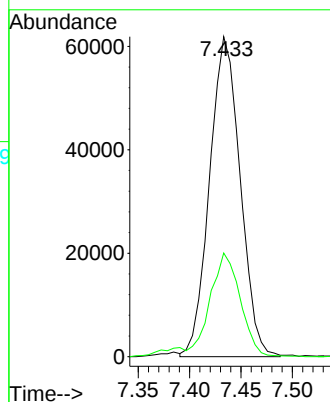
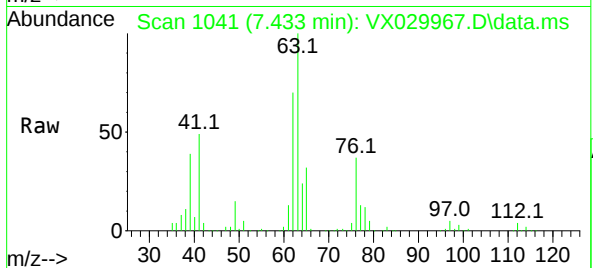
65 32.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#40

Dibromomethane

Concen: 74.352 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

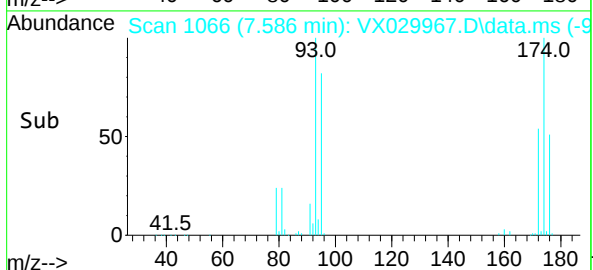
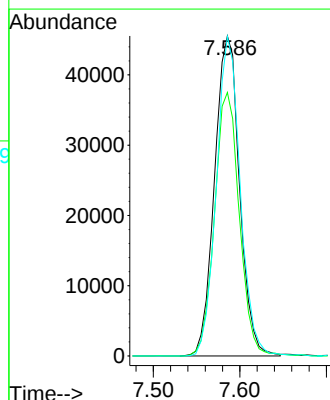
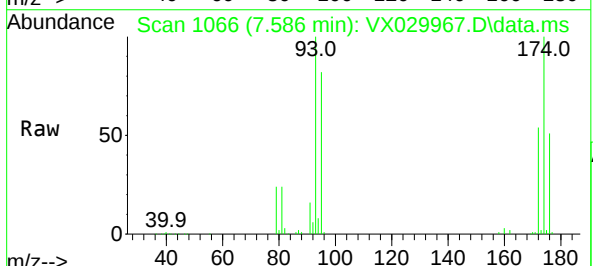
Tgt Ion: 93 Resp: 91075

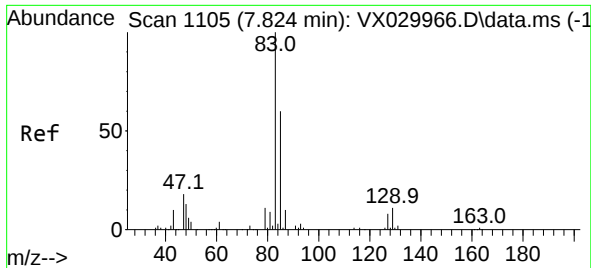
Ion Ratio Lower Upper

93 100

95 81.6 0.0 168.8

174 95.3 0.0 220.8





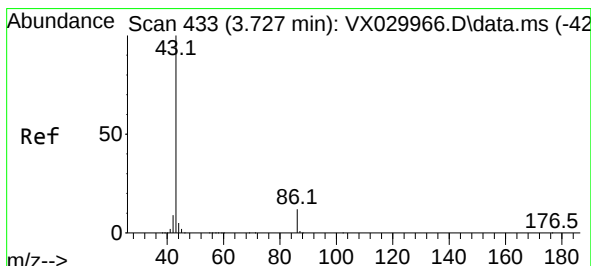
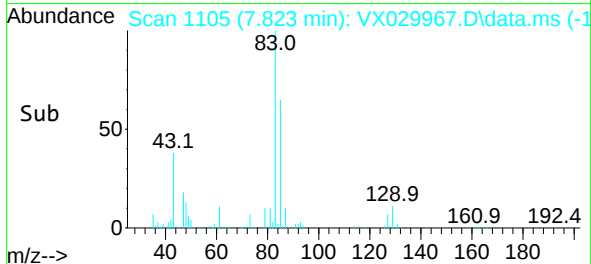
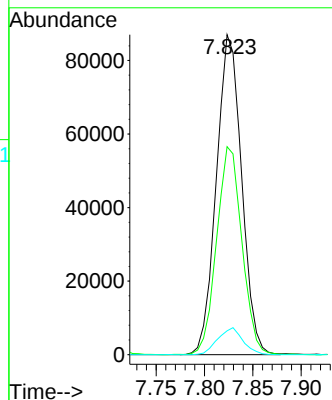
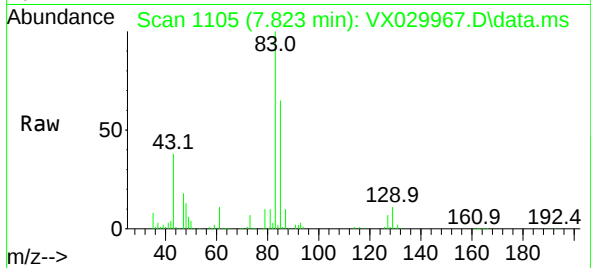
#41
Bromodichloromethane
Concen: 68.009 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 158085
Ion Ratio Lower Upper
83 100
85 64.9 50.6 75.8
127 7.5 7.0 10.6

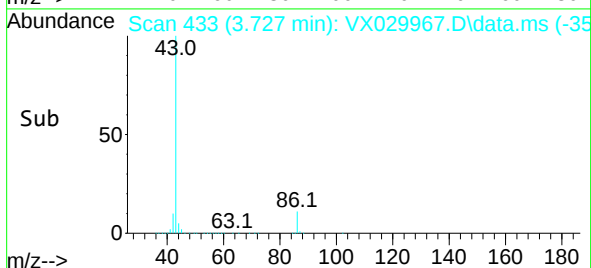
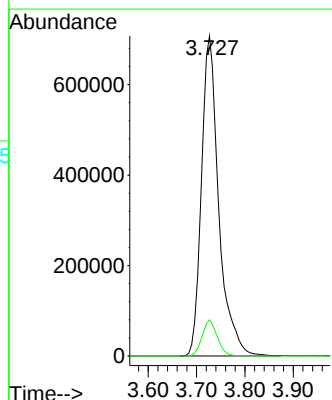
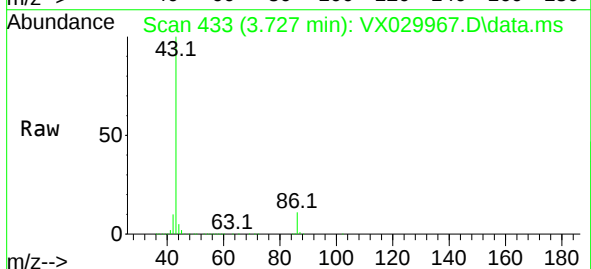
Manual Integrations
APPROVED

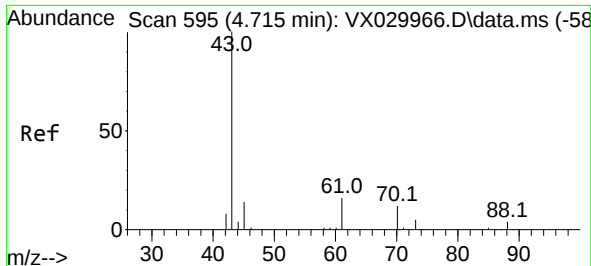
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#42
Vinyl Acetate
Concen: 471.704 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

Tgt Ion: 43 Resp: 1757440
Ion Ratio Lower Upper
43 100
86 9.8 8.5 12.7





#43

Ethyl Acetate

Concen: 90.840 ug/l

RT: 4.720 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 20436

Ion Ratio Lower Upper

43 100

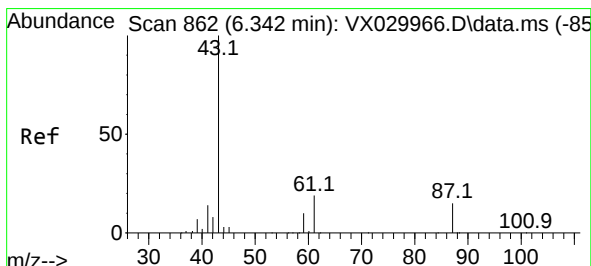
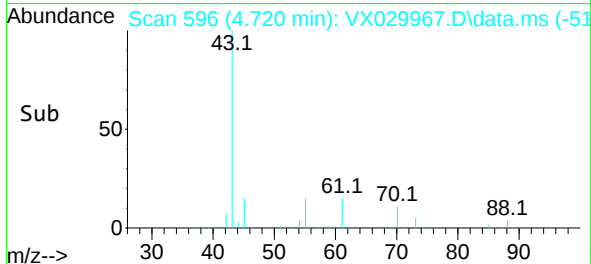
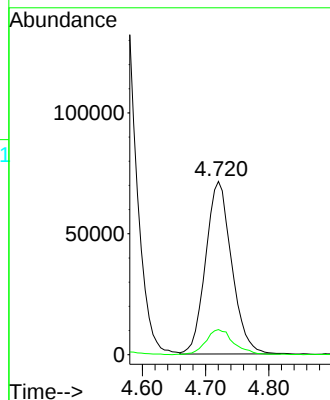
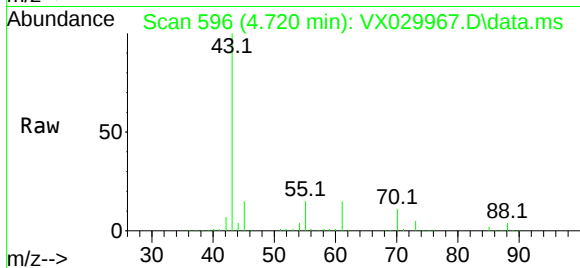
45 15.0 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#44

Isopropyl Acetate

Concen: 85.598 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX029967.D

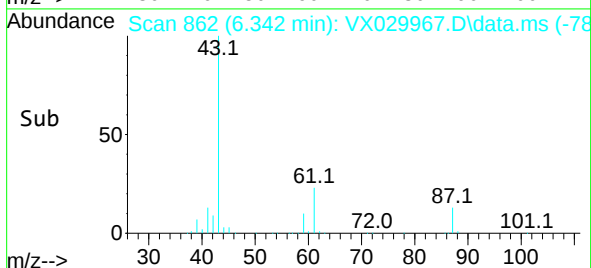
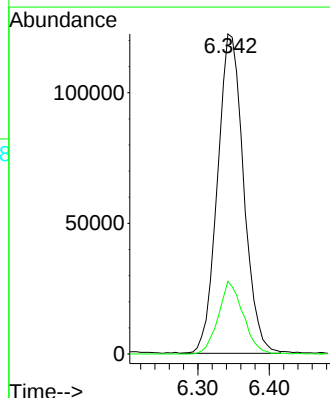
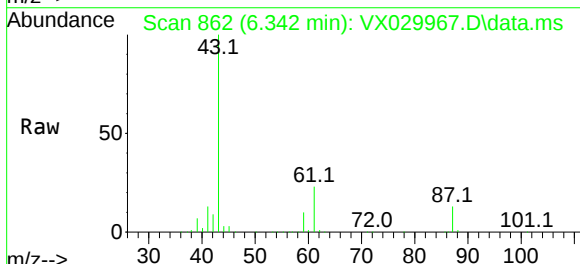
Acq: 08 Jul 2022 12:33

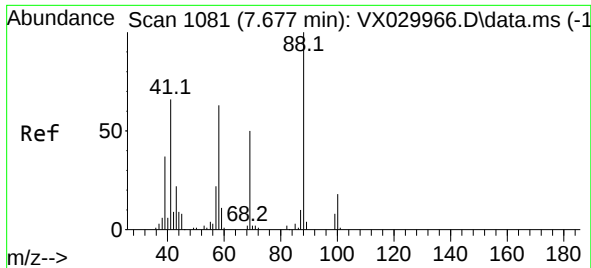
Tgt Ion: 43 Resp: 310484

Ion Ratio Lower Upper

43 100

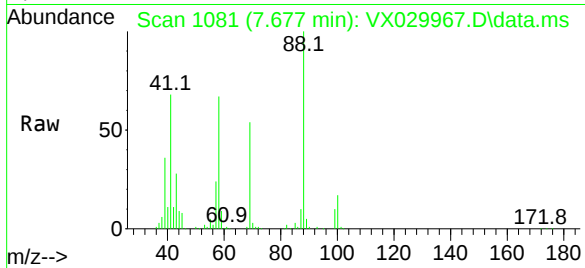
61 21.4 17.0 25.4





#45
1,4-Dioxane
Concen: 1536.111 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

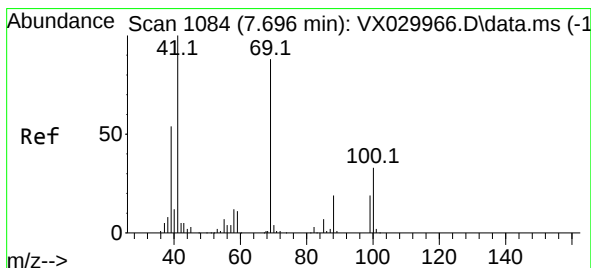
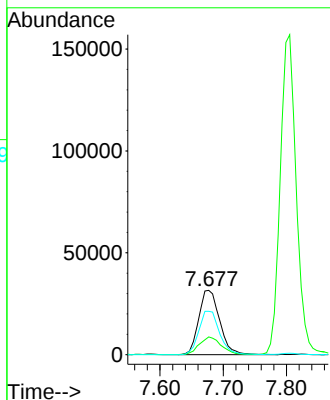
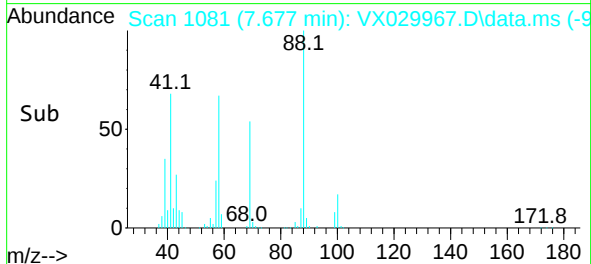
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



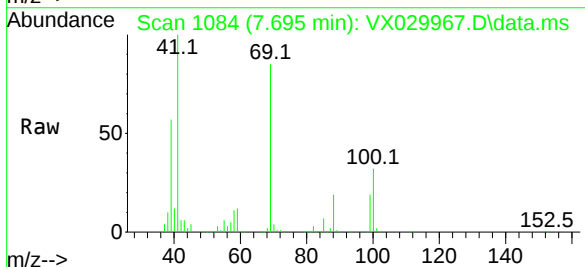
Tgt Ion: 88 Resp: 72550
Ion Ratio Lower Upper
88 100
43 28.6 25.8 38.6
58 66.6 54.8 82.2

Manual Integrations
APPROVED

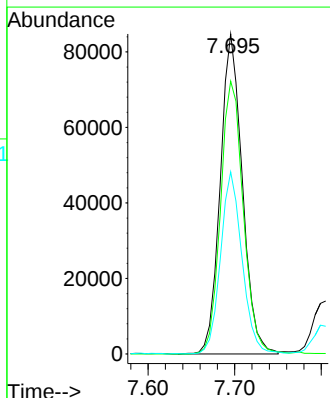
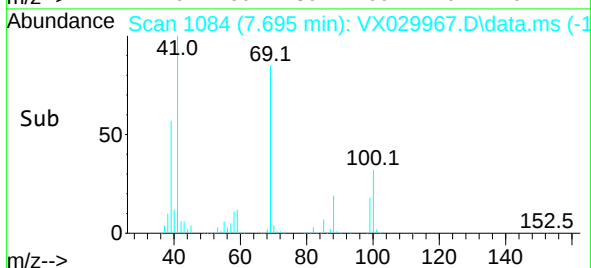
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

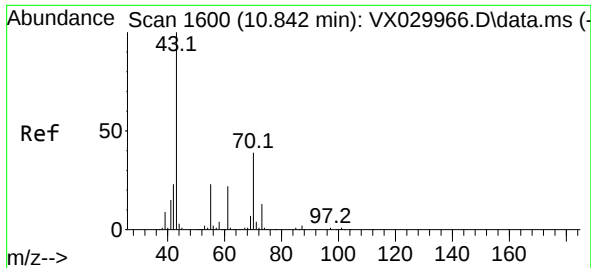


#46
Methyl methacrylate
Concen: 90.556 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



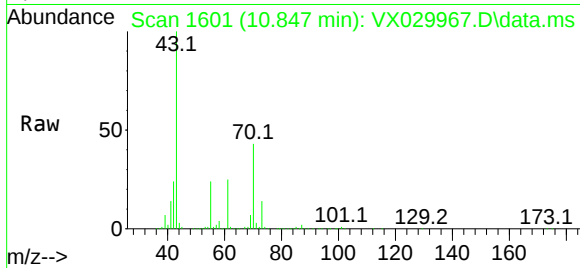
Tgt Ion: 41 Resp: 150116
Ion Ratio Lower Upper
41 100
69 85.2 41.9 125.8
39 56.8 27.5 82.5





#47
n-amy1 Acetate
Concen: 86.615 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

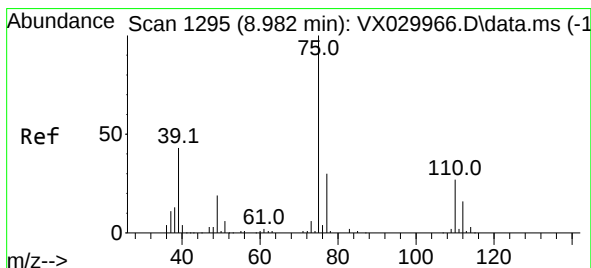
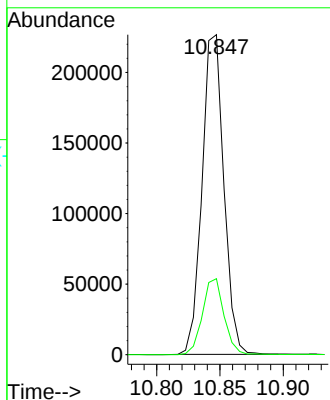
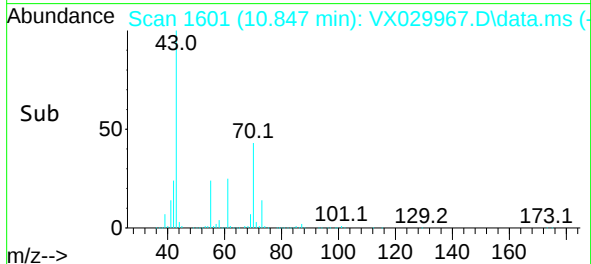
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 27200
Ion Ratio Lower Upper
43 100
55 23.4 20.4 30.6

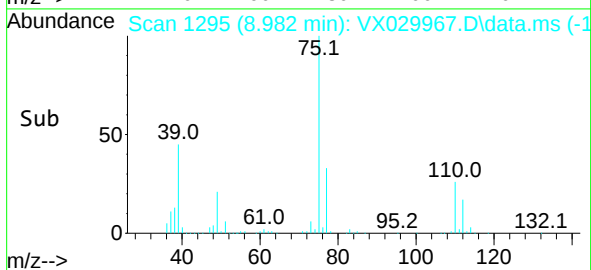
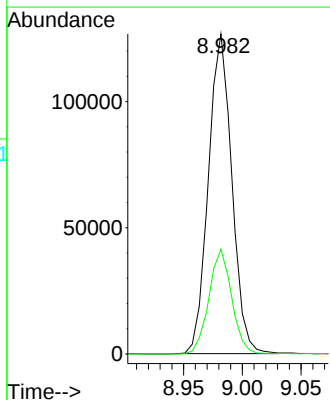
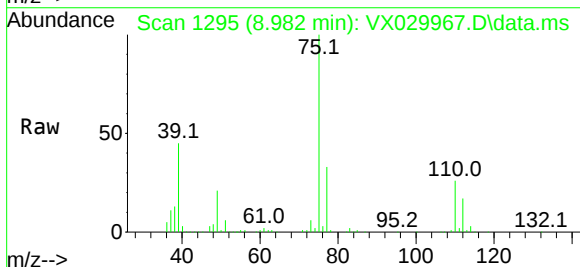
Manual Integrations
APPROVED

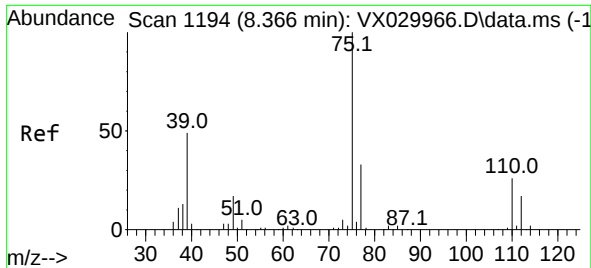
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#48
t-1,3-Dichloropropene
Concen: 71.950 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

Tgt Ion: 75 Resp: 175659
Ion Ratio Lower Upper
75 100
77 32.8 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 75.492 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 198039

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8

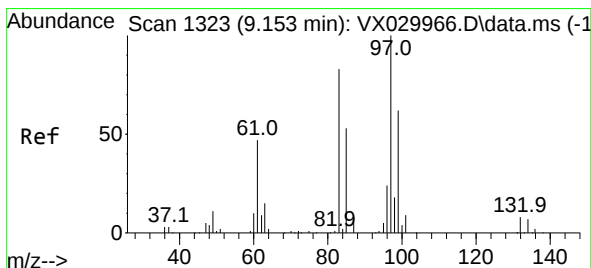
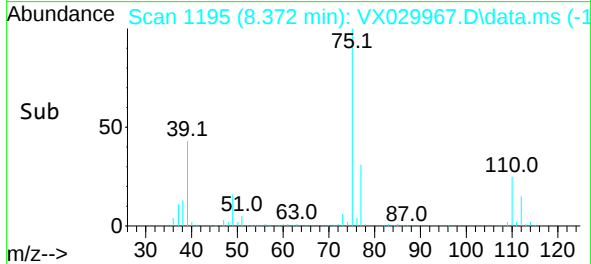
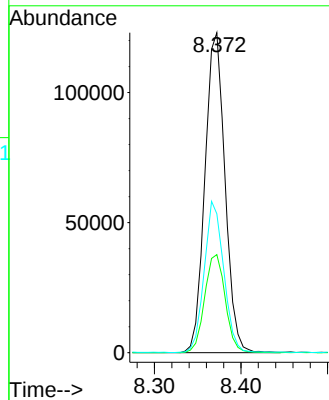
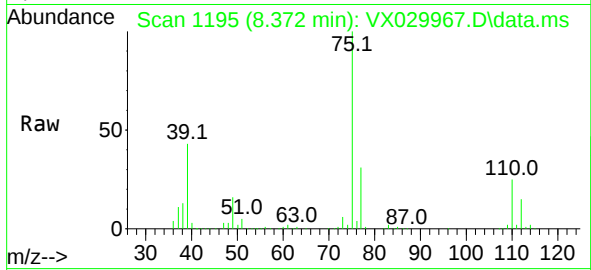
39 43.2 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#50

1,1,2-Trichloroethane

Concen: 68.299 ug/l

RT: 9.152 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Tgt Ion: 97 Resp: 131558

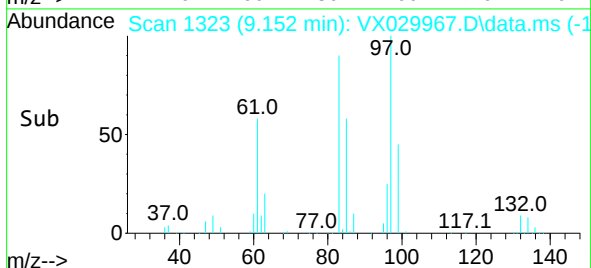
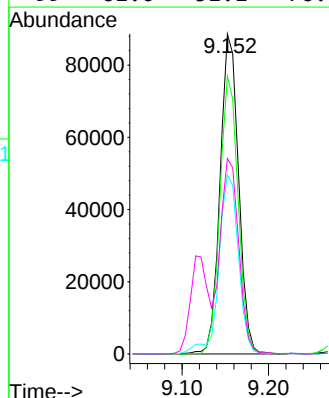
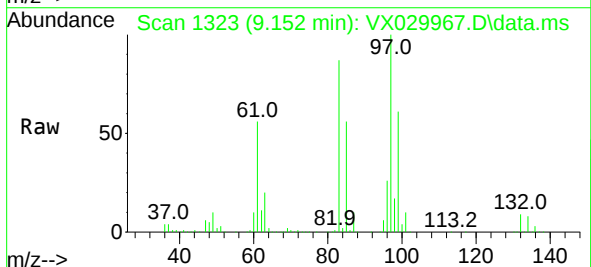
Ion Ratio Lower Upper

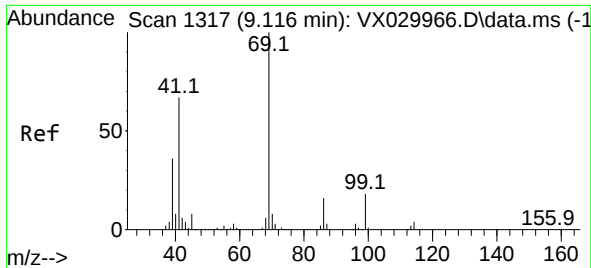
97 100

83 86.8 66.2 99.4

85 55.8 40.4 60.6

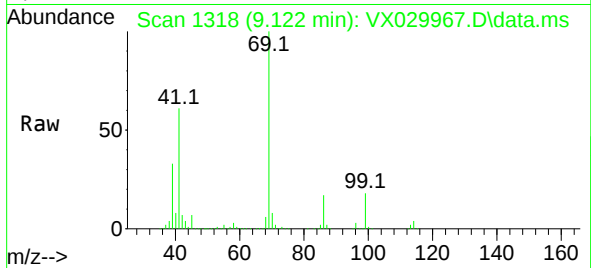
99 61.0 51.1 76.7





#51
Ethyl methacrylate
Concen: 76.304 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

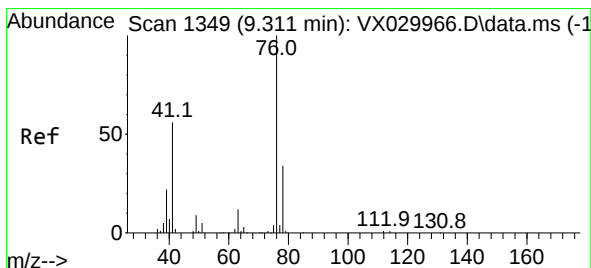
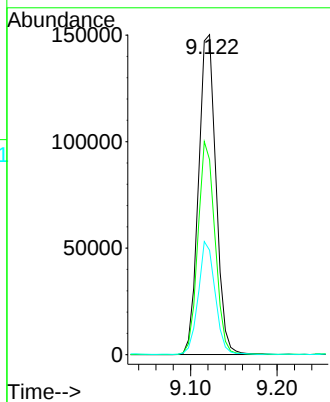
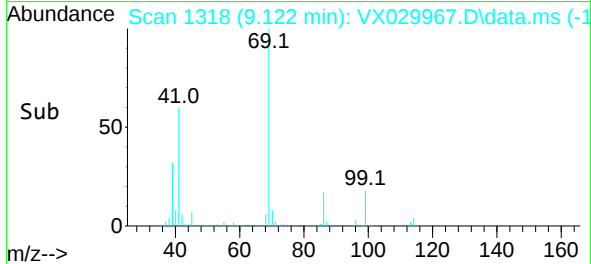
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



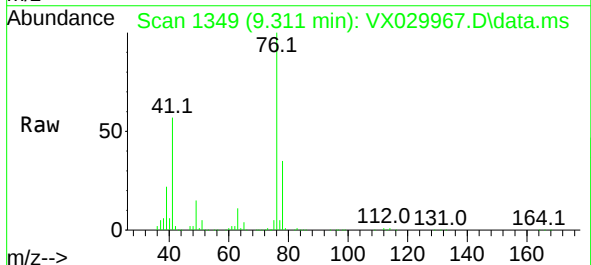
Tgt Ion: 69 Resp: 210319
Ion Ratio Lower Upper
69 100
41 60.9 32.1 96.5
39 32.6 18.3 54.9

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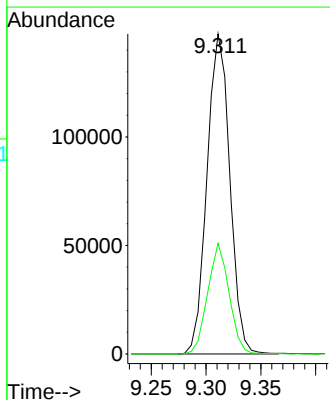
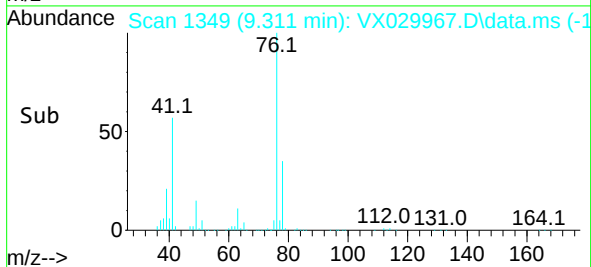
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

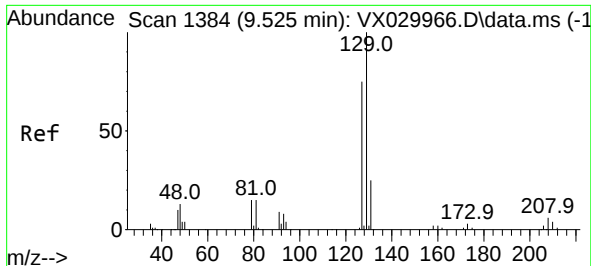


#52
1,3-Dichloropropane
Concen: 70.894 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



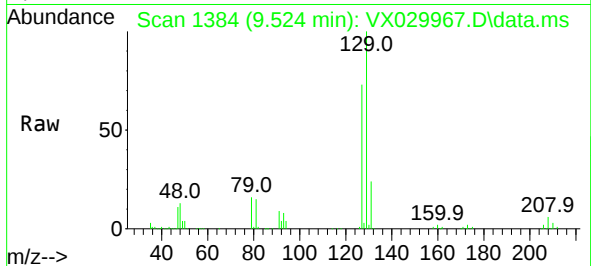
Tgt Ion: 76 Resp: 213638
Ion Ratio Lower Upper
76 100
78 32.5 0.0 64.4





#53
Dibromochloromethane
Concen: 63.098 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

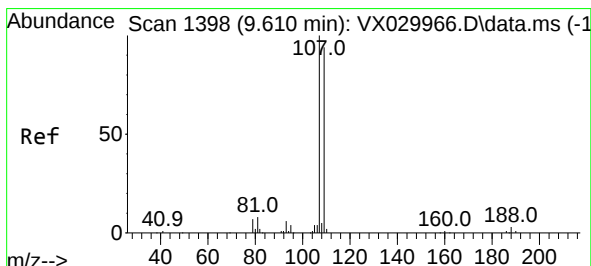
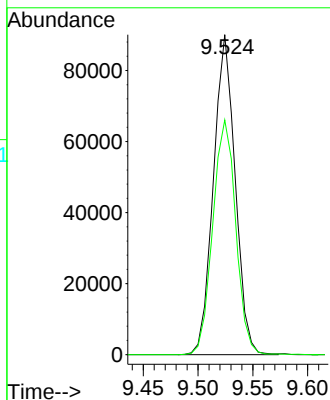
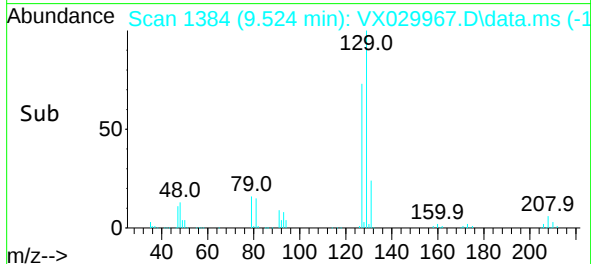
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



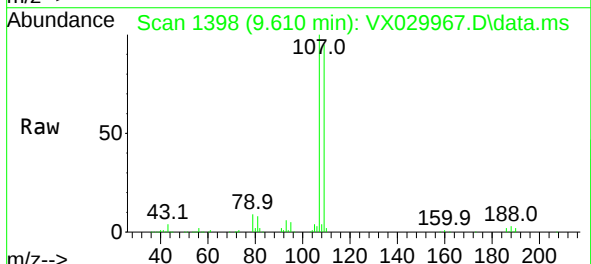
Tgt Ion:129 Resp: 124345
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1

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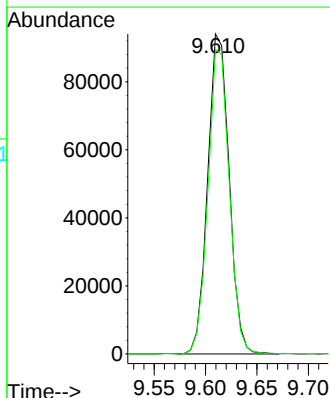
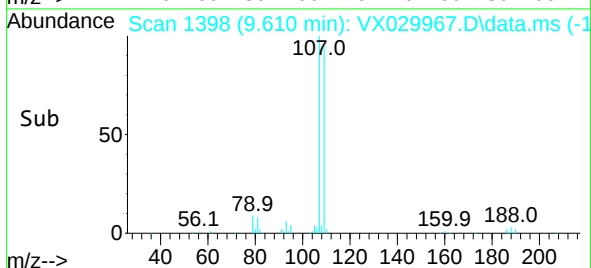
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

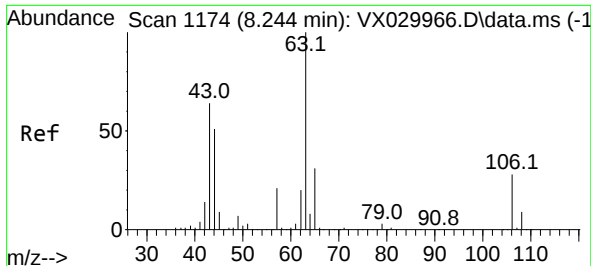


#54
1,2-Dibromoethane
Concen: 68.039 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



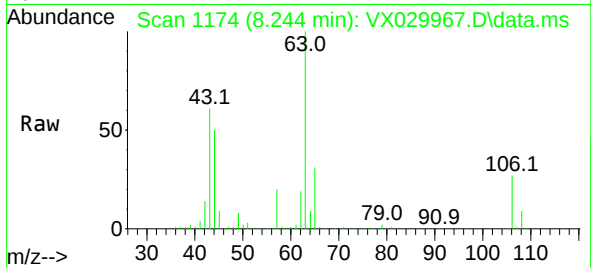
Tgt Ion:107 Resp: 136339
Ion Ratio Lower Upper
107 100
109 94.8 76.2 114.4





#55
2-Chloroethyl vinyl ether
Concen: 362.532 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

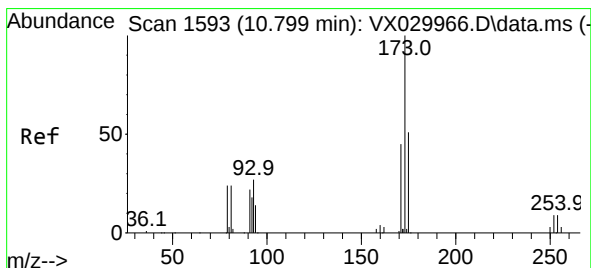
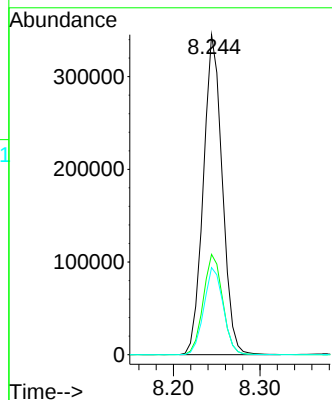
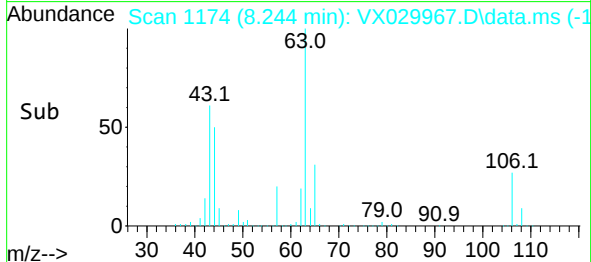
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 63 Resp: 524628
Ion Ratio Lower Upper
63 100
65 31.8 25.9 38.9
106 27.8 25.8 38.6

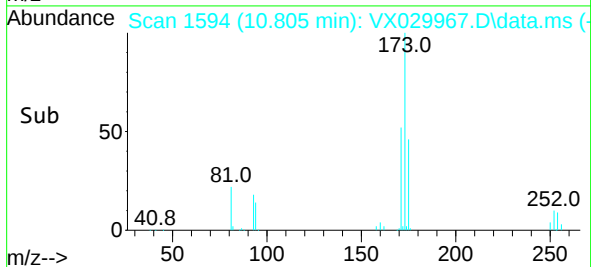
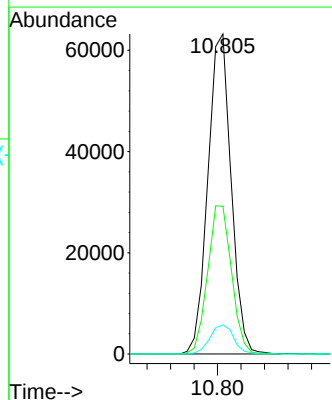
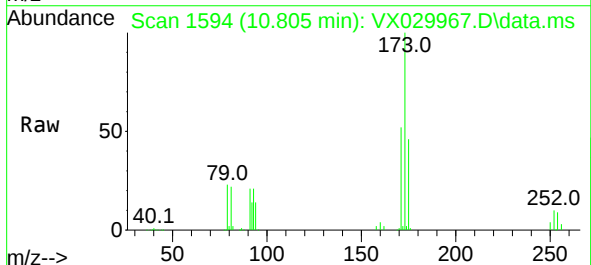
Manual Integrations
APPROVED

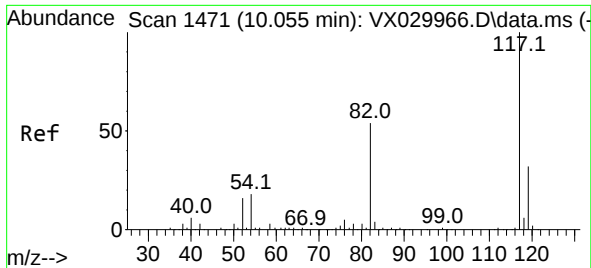
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#56
Bromoform
Concen: 57.273 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

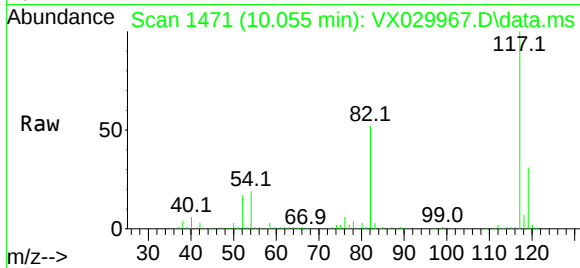
Tgt Ion:173 Resp: 87002
Ion Ratio Lower Upper
173 100
175 47.5 40.3 60.5
254 9.3 7.4 11.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

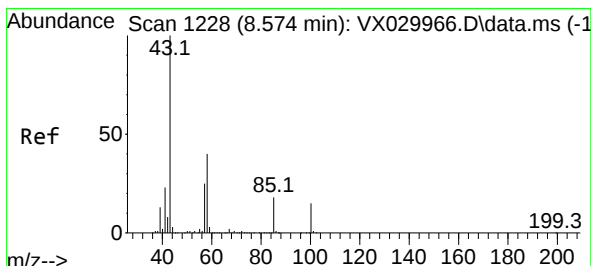
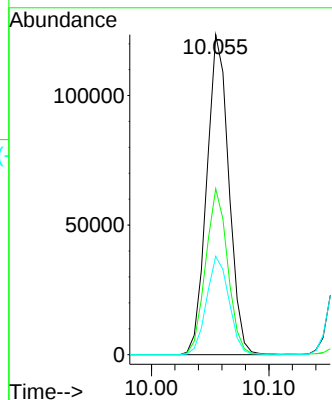
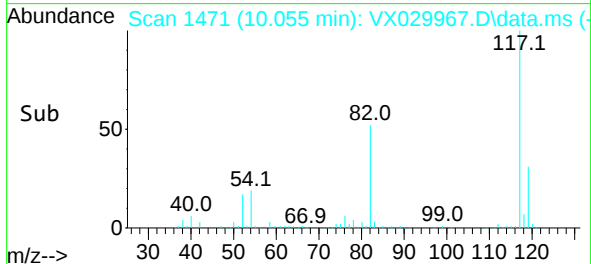
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



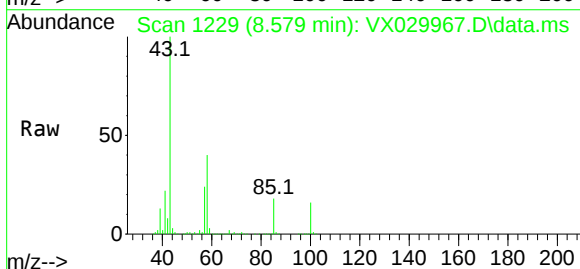
Tgt Ion: 117 Resp: 16127
Ion Ratio Lower Upper
117 100
82 51.7 42.3 63.5
119 31.1 26.2 39.2

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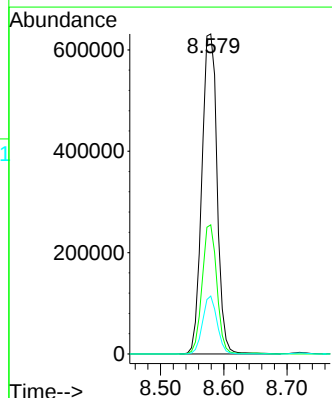
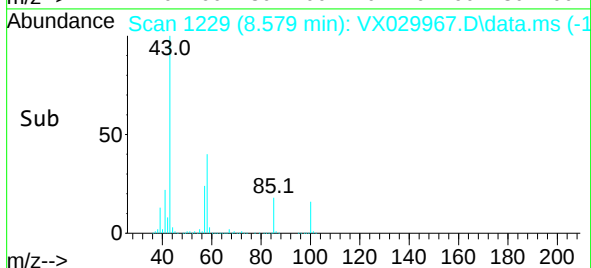
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

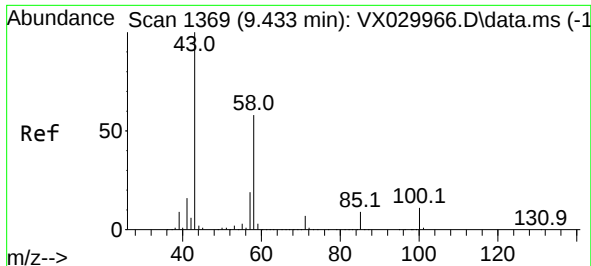


#58
4-Methyl-2-Pentanone
Concen: 451.435 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



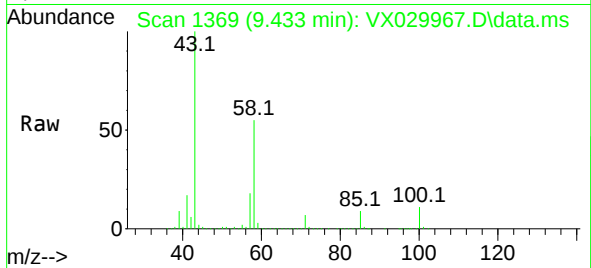
Tgt Ion: 43 Resp: 1059124
Ion Ratio Lower Upper
43 100
58 39.0 31.8 47.6
85 17.2 15.8 23.6





#59
2-Hexanone
Concen: 445.064 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

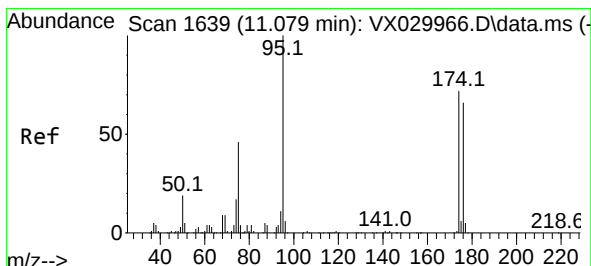
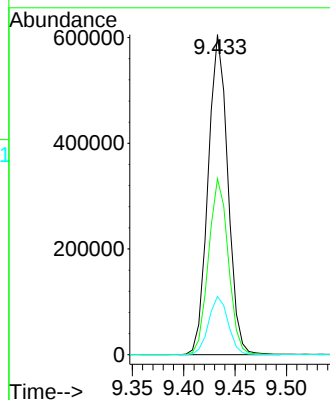
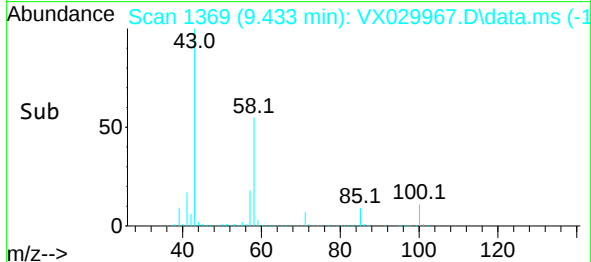
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



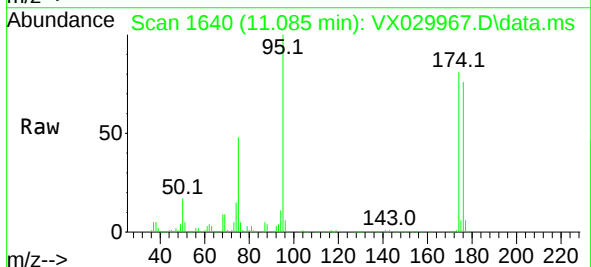
Tgt Ion: 43 Resp: 80813
Ion Ratio Lower Upper
43 100
58 55.1 44.1 66.1
57 18.1 16.2 24.2

Manual Integrations
APPROVED

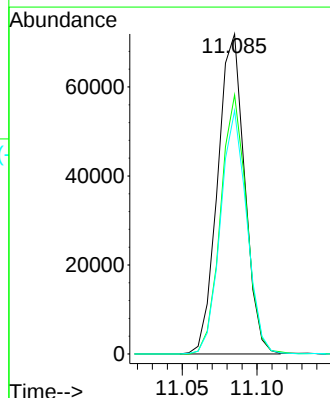
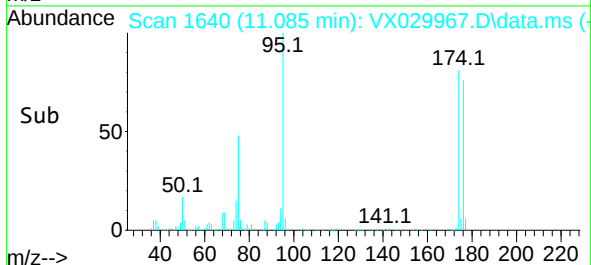
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

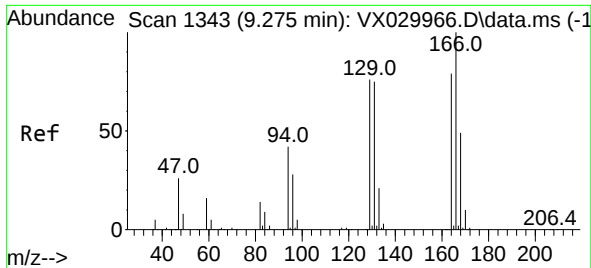


#60
4-Bromofluorobenzene
Concen: 35.976 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



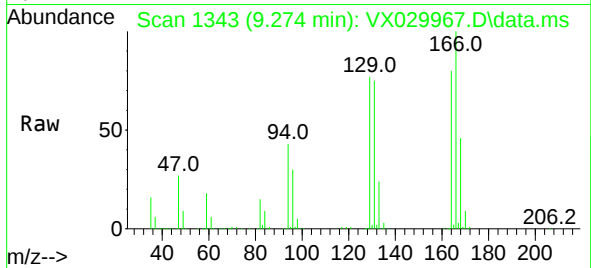
Tgt Ion: 95 Resp: 90231
Ion Ratio Lower Upper
95 100
174 77.7 65.4 98.2
176 73.9 63.4 95.0





#61
Tetrachloroethene
Concen: 70.439 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

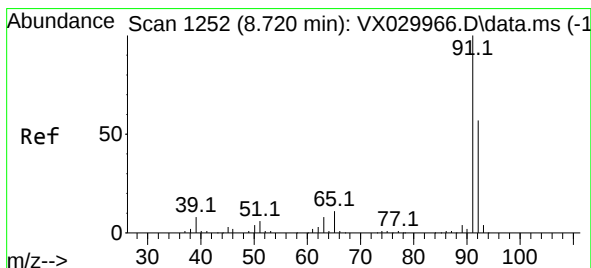
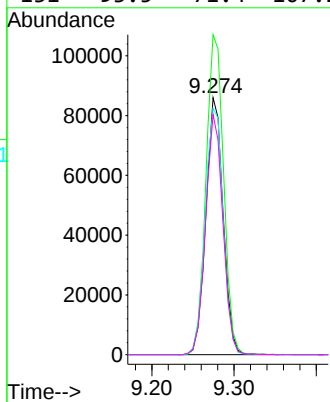
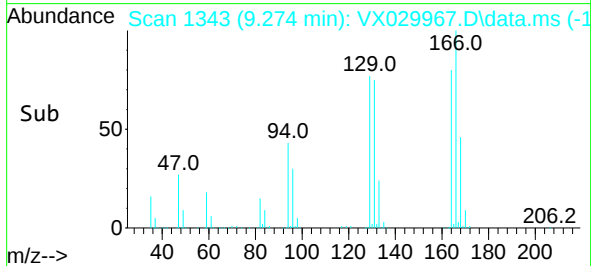
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



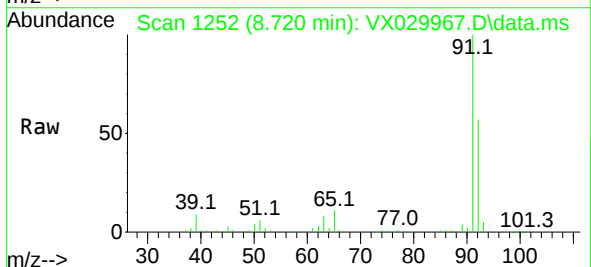
Tgt Ion:164 Resp: 125319
Ion Ratio Lower Upper
164 100
166 124.6 105.0 157.6
129 95.8 78.5 117.7
131 93.5 71.4 107.2

Manual Integrations
APPROVED

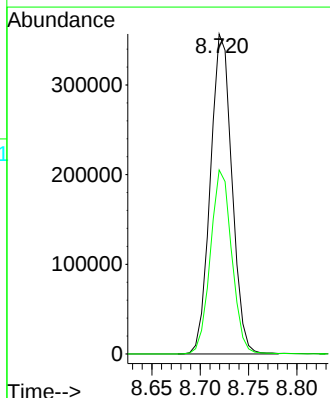
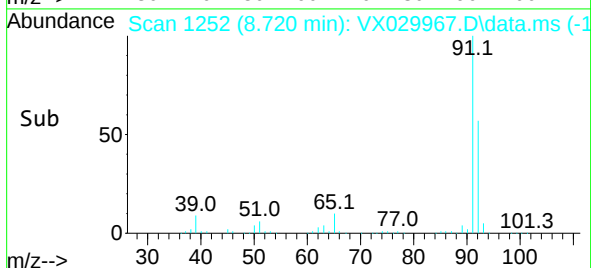
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

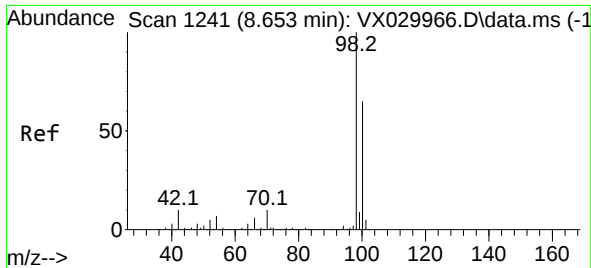


#62
Toluene
Concen: 78.844 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



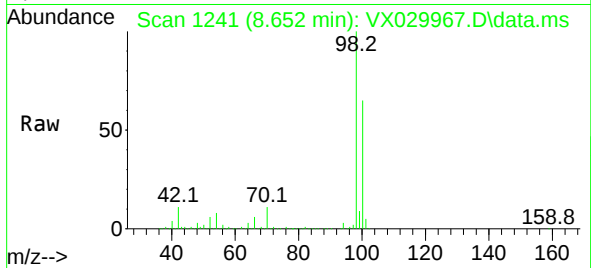
Tgt Ion: 91 Resp: 551492
Ion Ratio Lower Upper
91 100
92 57.0 48.1 72.1





#63
Toluene-d8
Concen: 38.257 ug/l
RT: 8.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

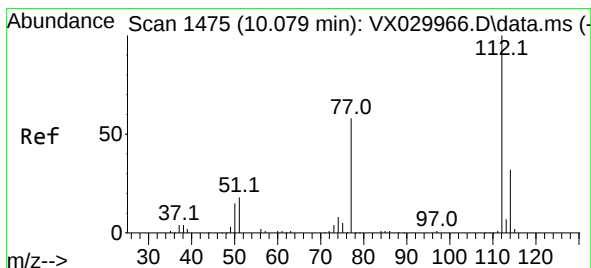
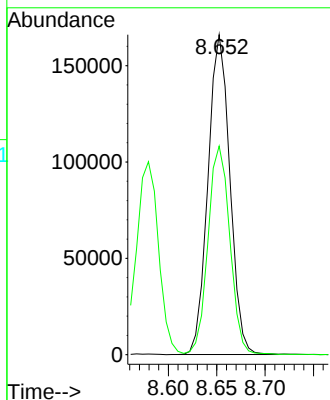
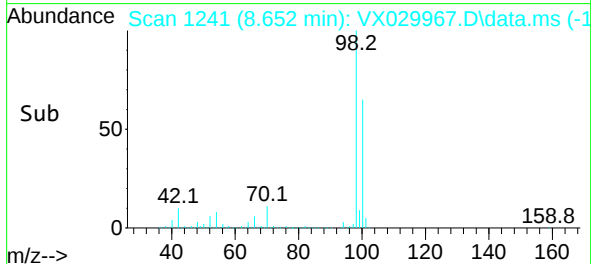
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



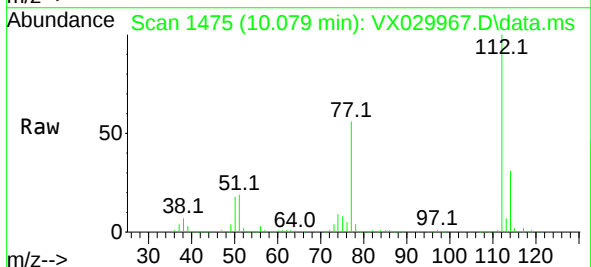
Tgt Ion: 98 Resp: 26137
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.2

Manual Integrations
APPROVED

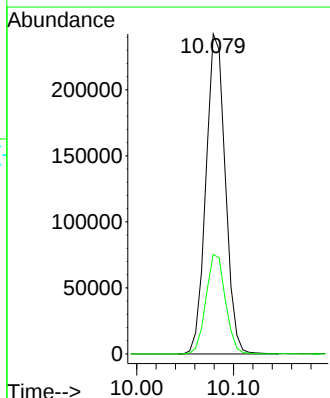
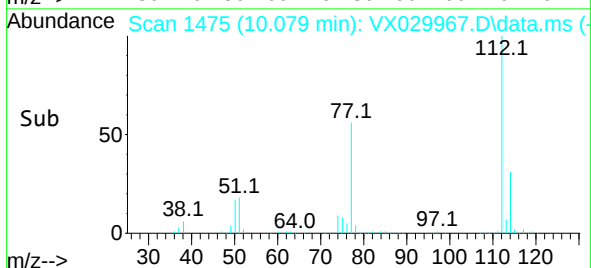
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

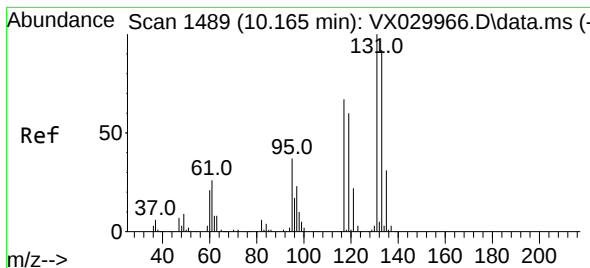


#64
Chlorobenzene
Concen: 68.326 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



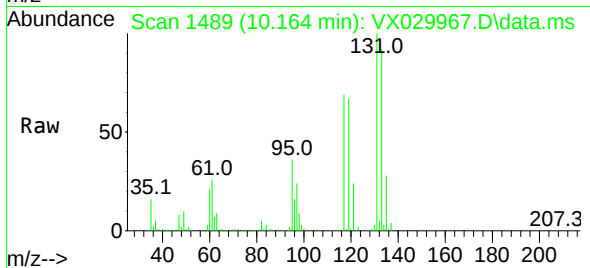
Tgt Ion:112 Resp: 337170
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 59.866 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

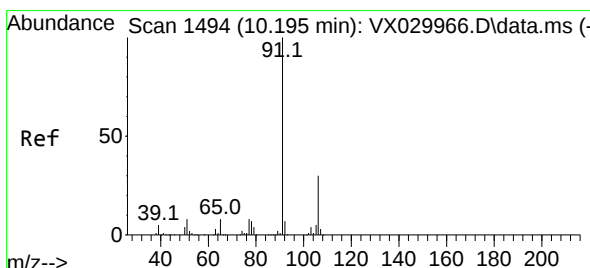
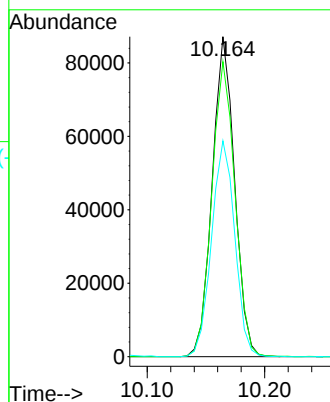
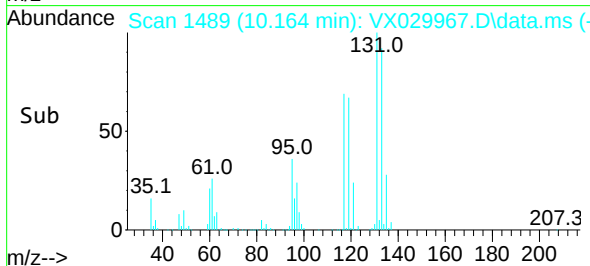
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:131 Resp: 115384
Ion Ratio Lower Upper
131 100
133 95.7 0.0 197.2
119 69.9 0.0 127.4

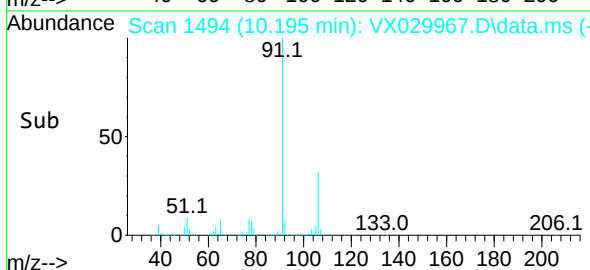
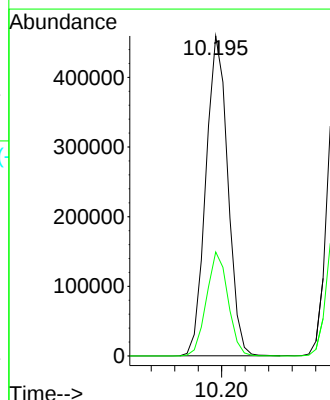
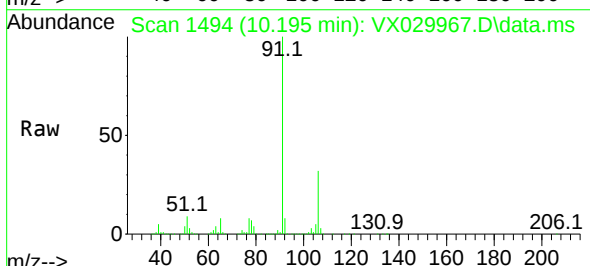
Manual Integrations
APPROVED

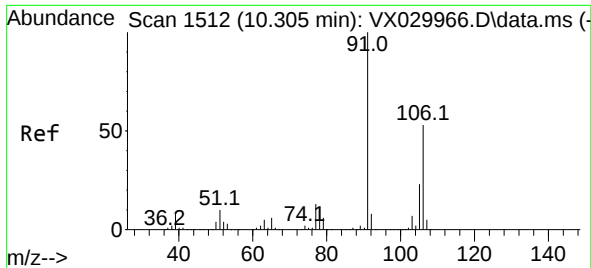
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#66
Ethyl Benzene
Concen: 72.141 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

Tgt Ion: 91 Resp: 594929
Ion Ratio Lower Upper
91 100
106 32.5 25.8 38.8





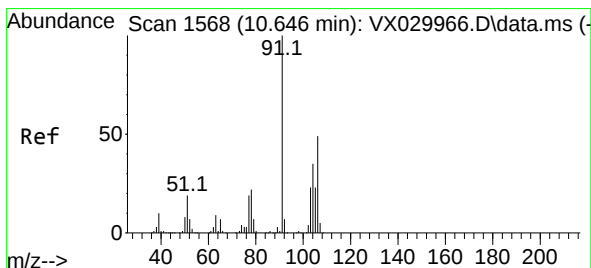
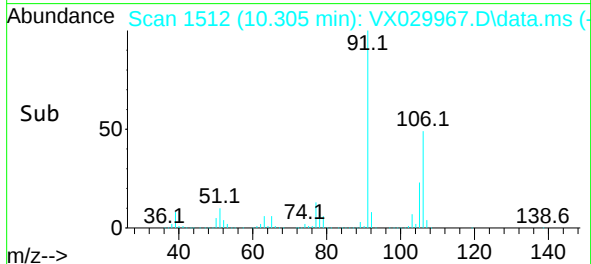
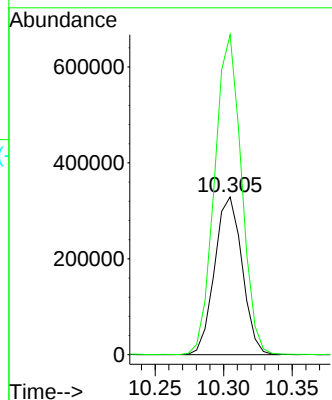
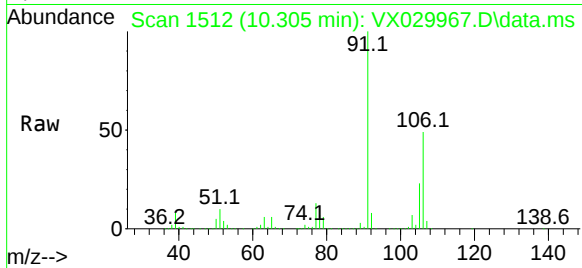
#67
m/p-Xylenes
Concen: 139.158 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 460022
Ion Ratio Lower Upper
106 100
91 197.7 159.5 239.3

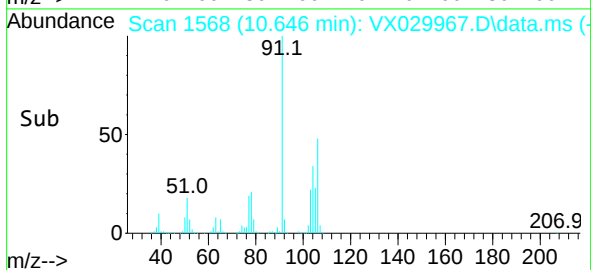
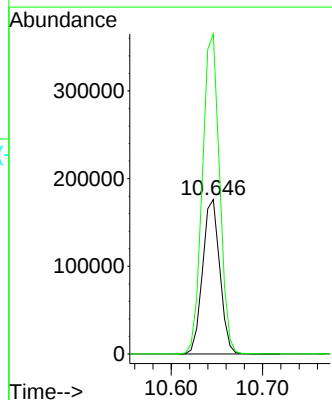
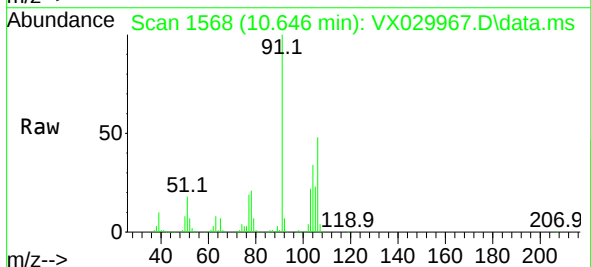
Manual Integrations
APPROVED

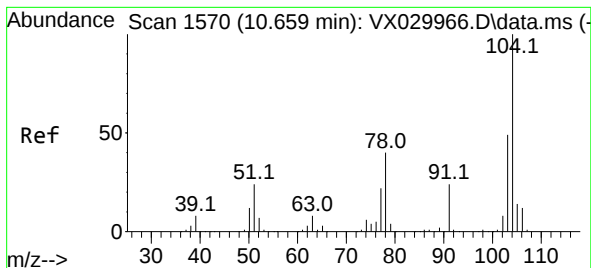
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#68
o-Xylene
Concen: 68.301 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

Tgt Ion:106 Resp: 229465
Ion Ratio Lower Upper
106 100
91 207.6 105.4 316.2





#69

Styrene

Concen: 68.488 ug/l

RT: 10.658 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

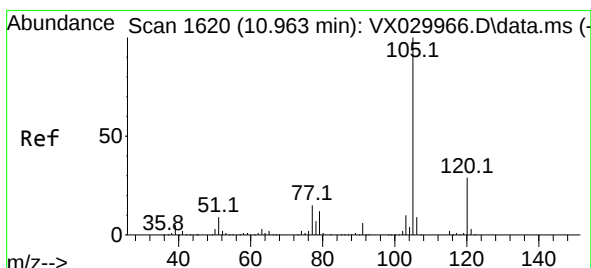
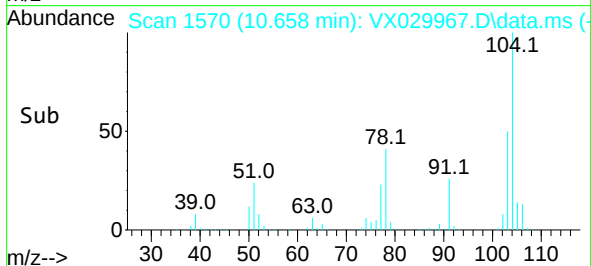
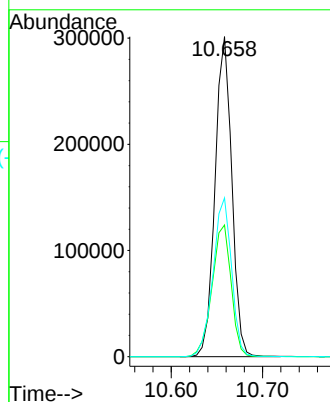
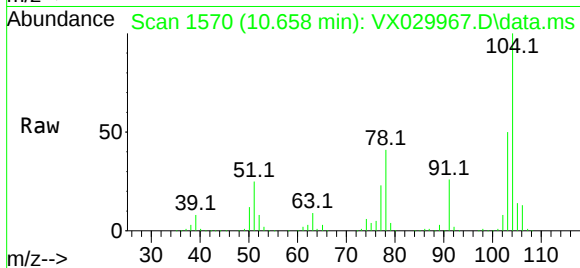
Tgt Ion:104 Resp: 384294
 Ion Ratio Lower Upper
 104 100
 78 46.8 39.7 59.5
 103 54.8 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#70

Isopropylbenzene

Concen: 66.136 ug/l

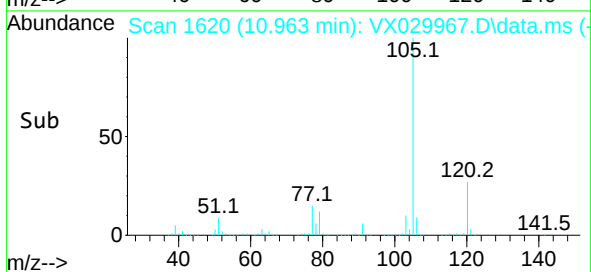
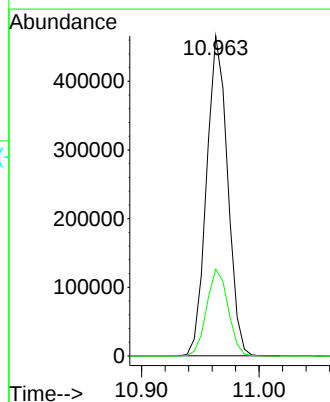
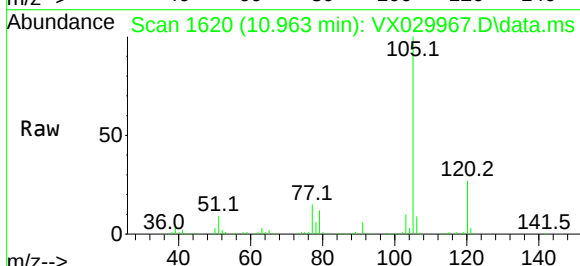
RT: 10.963 min Scan# 1620

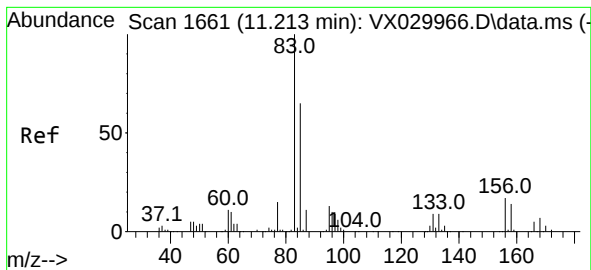
Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

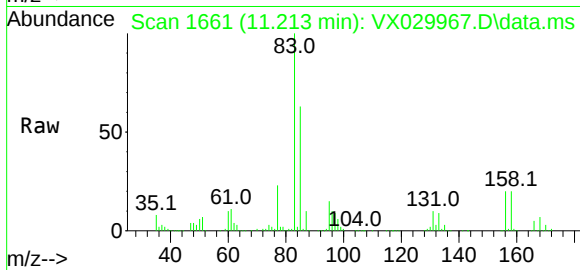
Tgt Ion:105 Resp: 578071
 Ion Ratio Lower Upper
 105 100
 120 27.6 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 69.560 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

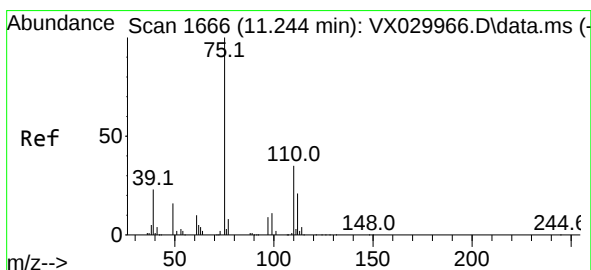
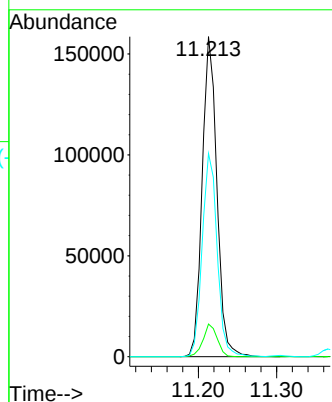
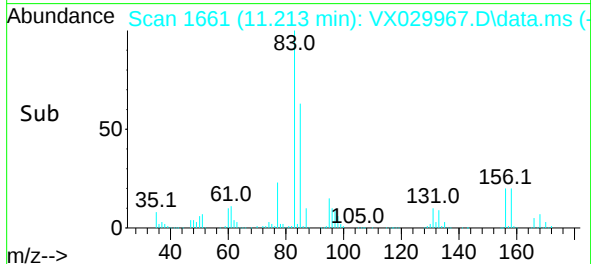
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



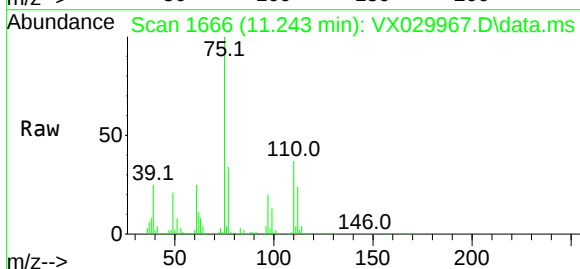
Tgt Ion: 83 Resp: 20643
Ion Ratio Lower Upper
83 100
131 9.9 5.8 17.3
85 64.4 32.0 96.2

Manual Integrations
APPROVED

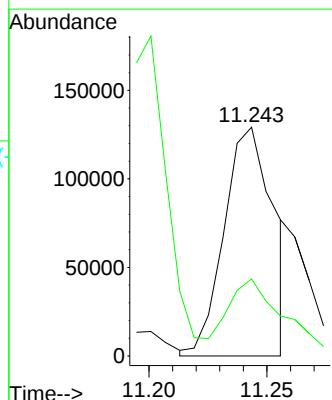
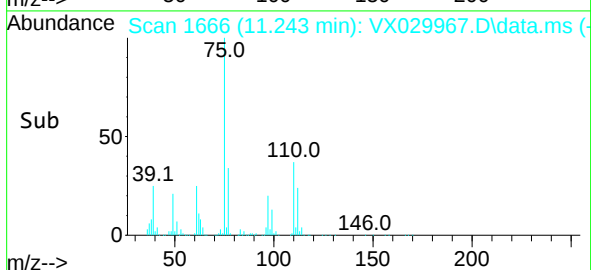
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

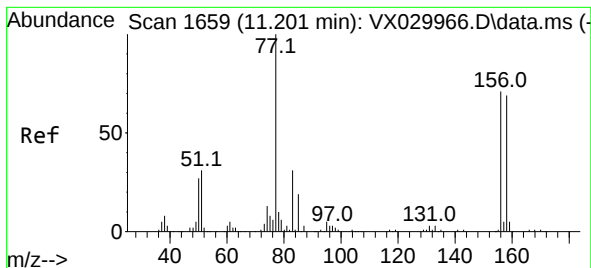


#72
1,2,3-Trichloropropane
Concen: 71.181 ug/l m
RT: 11.243 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



Tgt Ion: 75 Resp: 187966
Ion Ratio Lower Upper
75 100
77 38.4 0.0 78.6





#73

Bromobenzene

Concen: 58.501 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

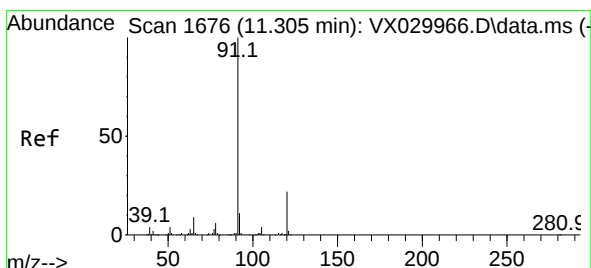
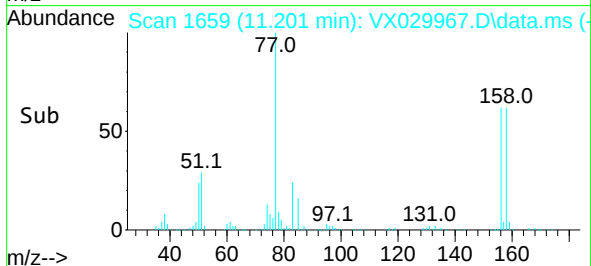
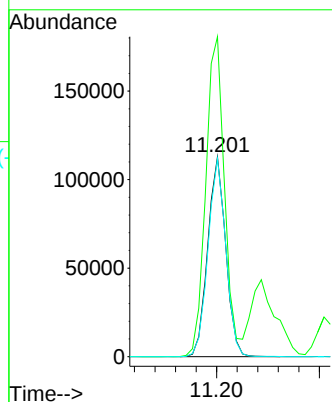
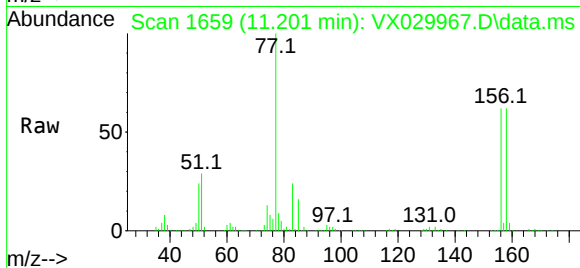
Tgt Ion:	156	Resp:	13787
Ion Ratio	Lower	Upper	
156	100		
77	166.9	0.0	297.6
158	98.0	0.0	188.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#74

n-propylbenzene

Concen: 71.795 ug/l

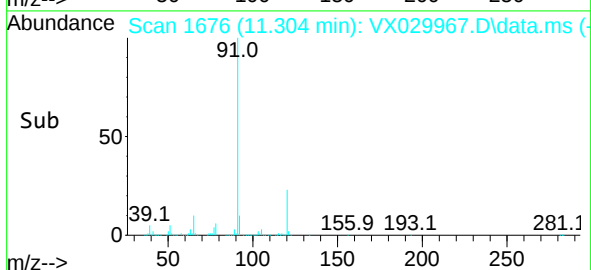
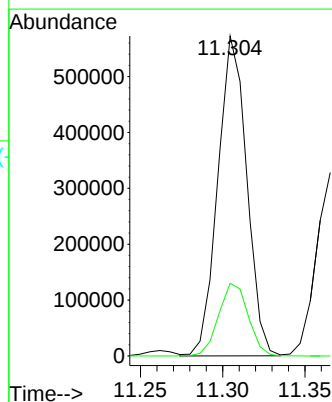
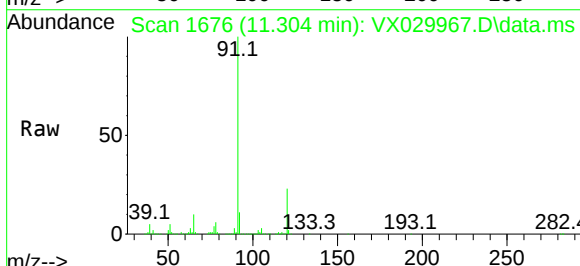
RT: 11.304 min Scan# 1676

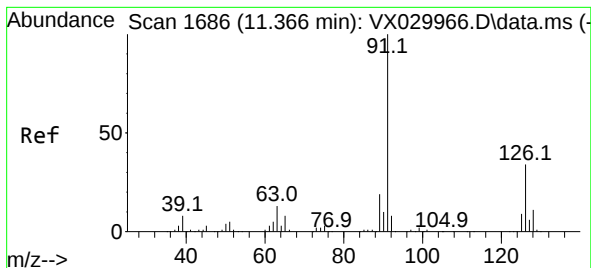
Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Tgt Ion:	91	Resp:	699704
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	48.0





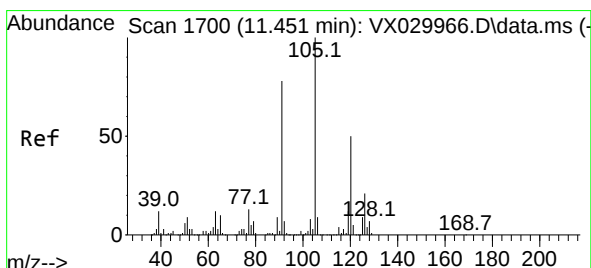
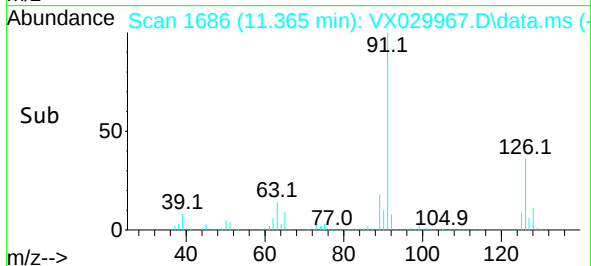
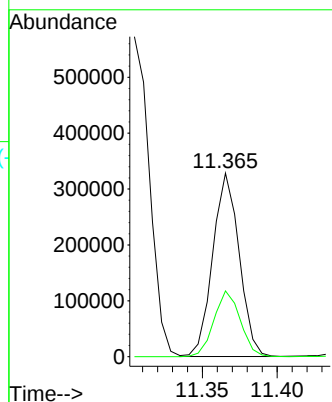
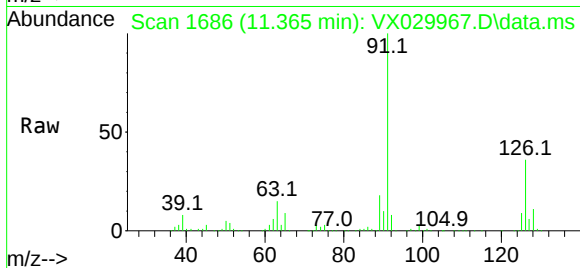
#75
2-Chlorotoluene
Concen: 66.931 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 404088
Ion Ratio Lower Upper
91 100
126 35.6 0.0 68.6

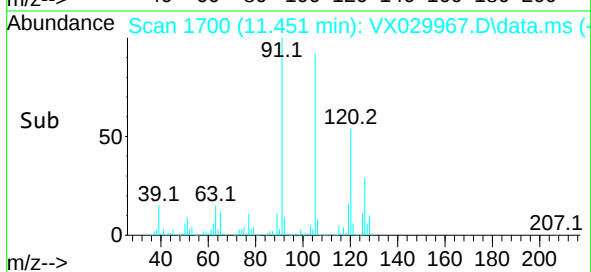
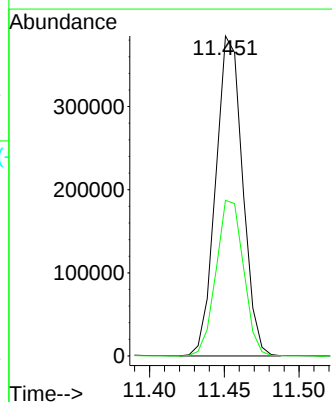
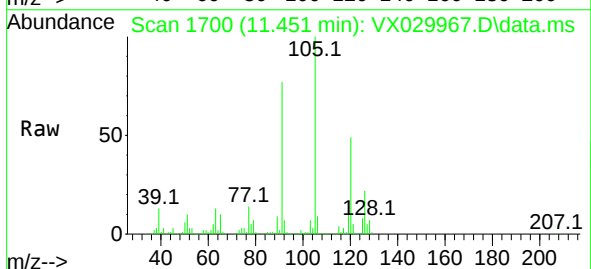
Manual Integrations
APPROVED

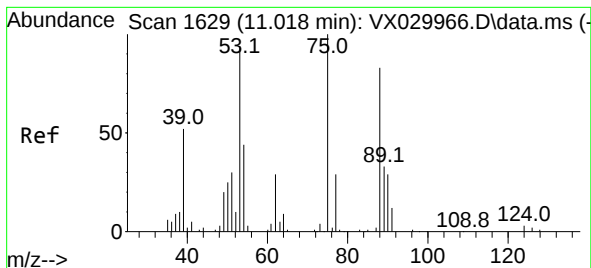
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 65.792 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

Tgt Ion:105 Resp: 482205
Ion Ratio Lower Upper
105 100
120 49.6 0.0 98.0





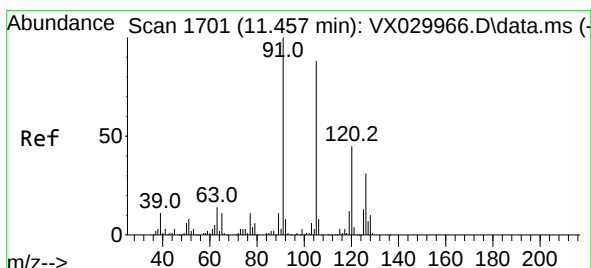
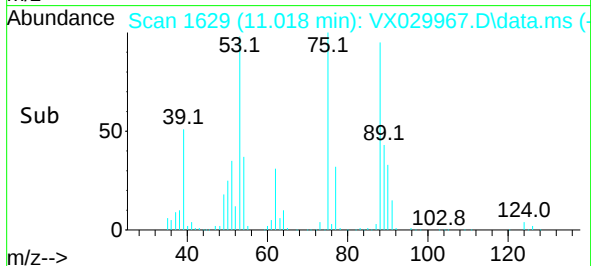
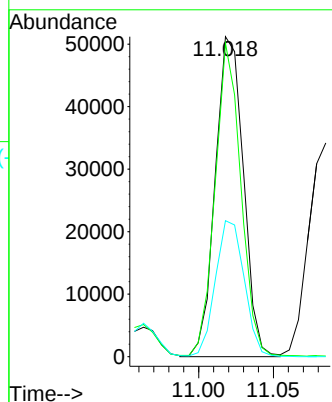
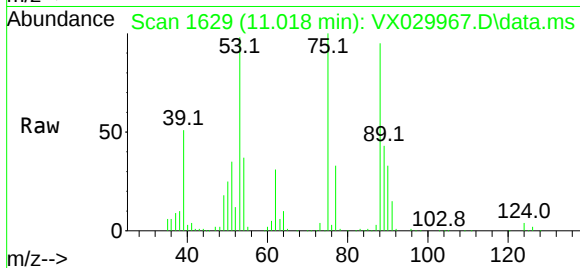
#77
t-1,4-Dichloro-2-butene
Concen: 83.790 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 66990
Ion Ratio Lower Upper
75 100
53 97.8 59.7 179.1
89 42.5 23.1 69.2

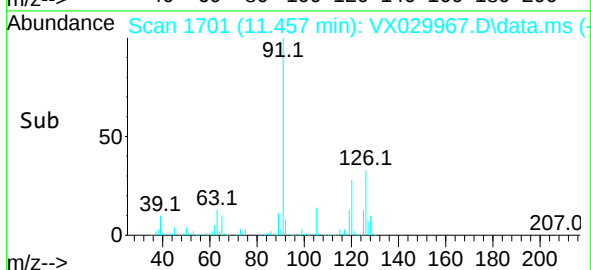
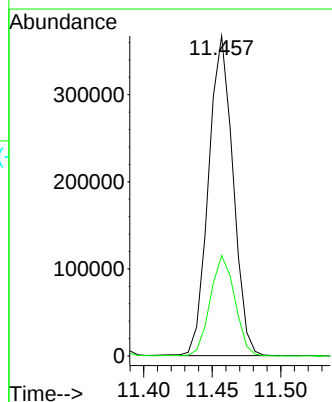
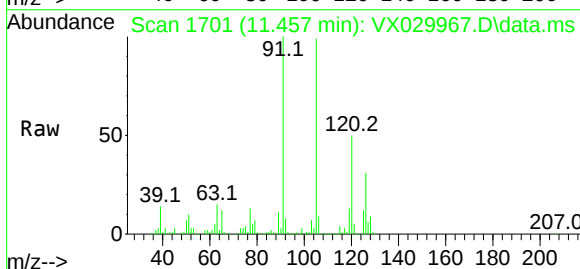
Manual Integrations
APPROVED

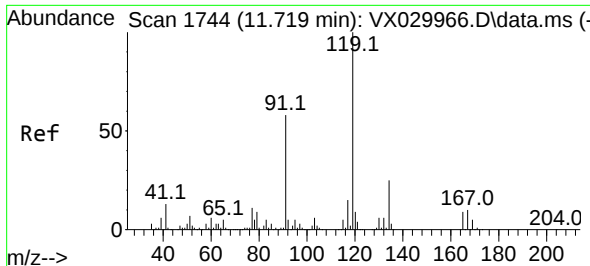
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#78
4-Chlorotoluene
Concen: 66.784 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

Tgt Ion: 91 Resp: 456046
Ion Ratio Lower Upper
91 100
126 31.5 0.0 59.8





#79

tert-butylbenzene

Concen: 64.592 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

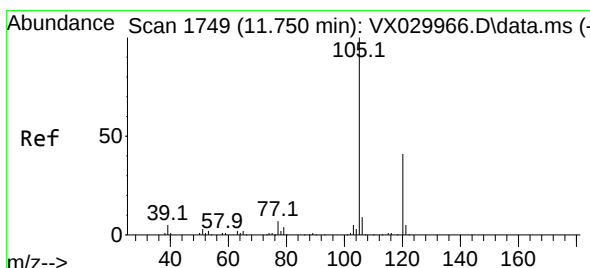
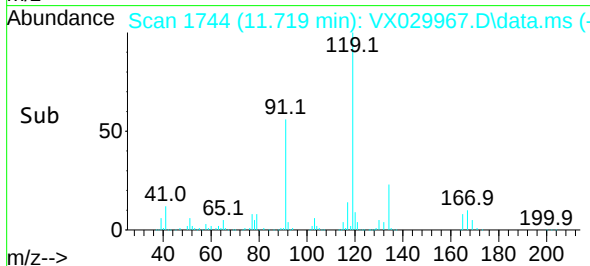
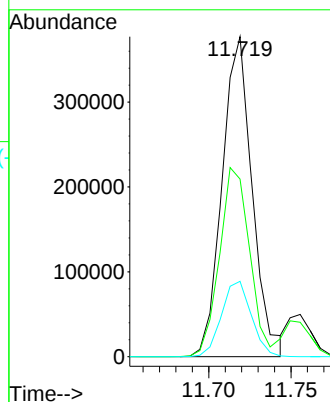
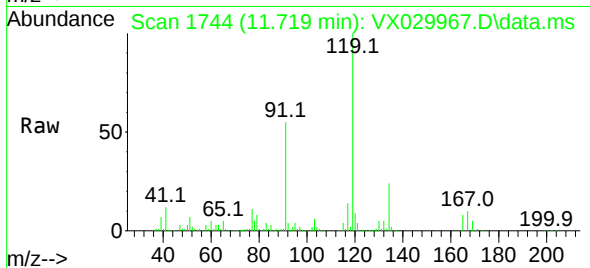
Tgt Ion:	119	Resp:	480285
Ion Ratio	Lower	Upper	
119	100		
91	59.1	0.0	119.4
134	23.5	0.0	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#80

1,2,4-Trimethylbenzene

Concen: 69.712 ug/l

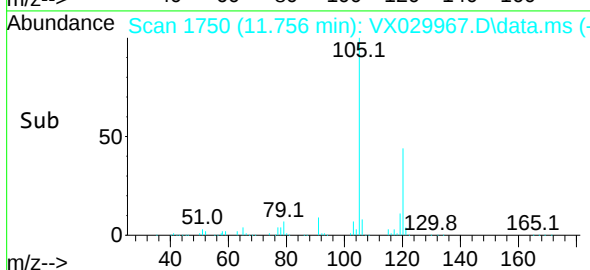
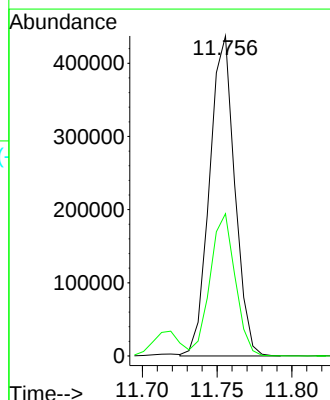
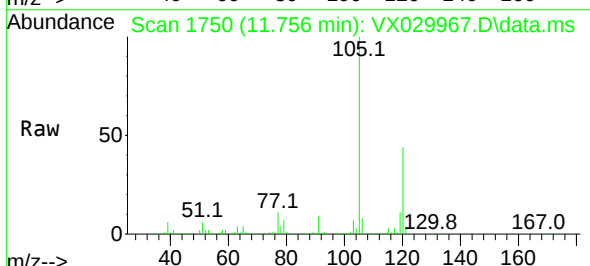
RT: 11.756 min Scan# 1750

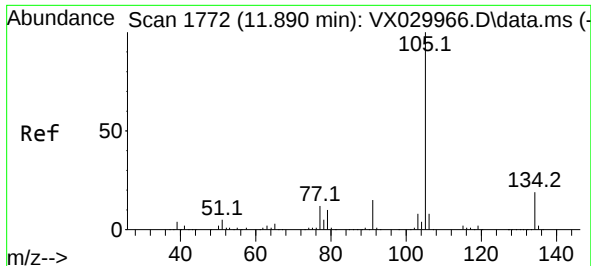
Delta R.T. 0.006 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

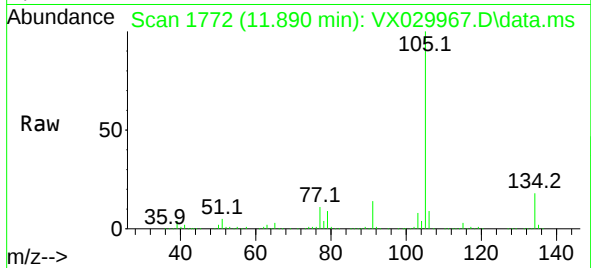
Tgt Ion:	105	Resp:	512874
Ion Ratio	Lower	Upper	
105	100		
120	44.2	0.0	89.6





#81
 sec-Butylbenzene
 Concen: 72.798 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX029967.D
 Acq: 08 Jul 2022 12:33

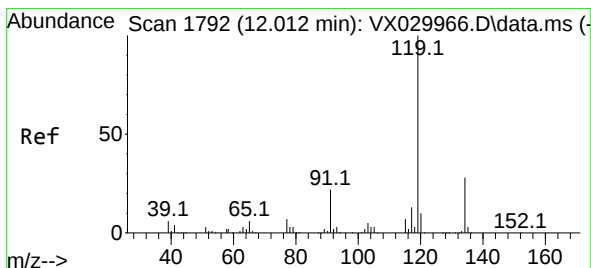
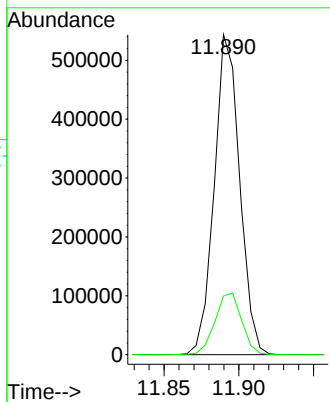
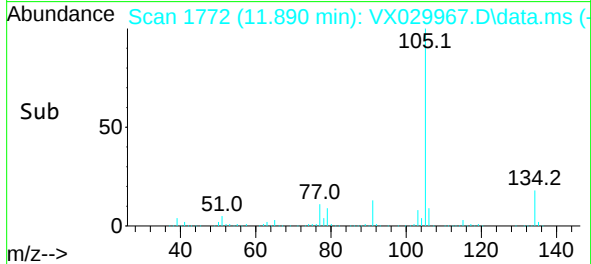
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



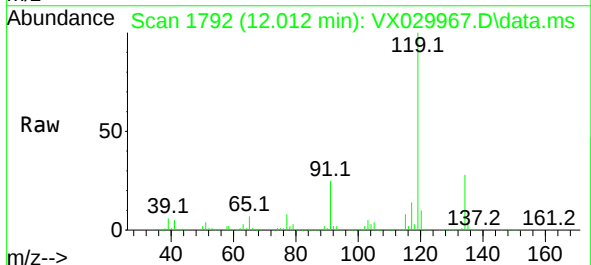
Tgt Ion:105 Resp: 641634
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.2

Manual Integrations
 APPROVED

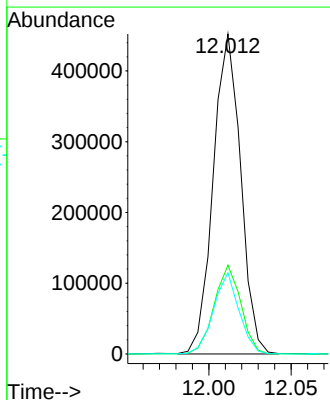
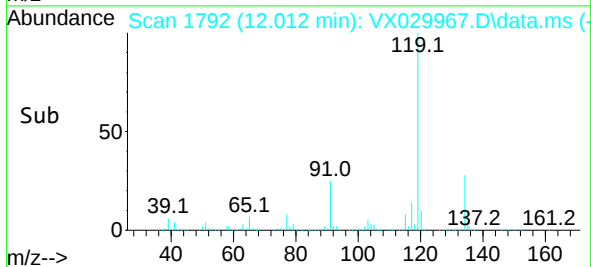
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

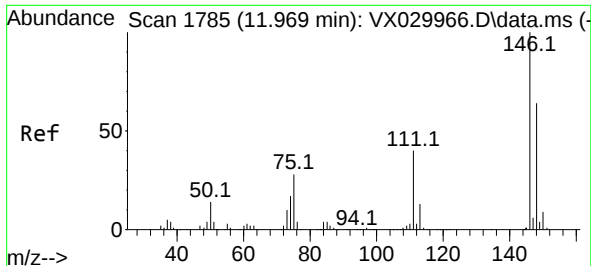


#82
 p-Isopropyltoluene
 Concen: 68.409 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029967.D
 Acq: 08 Jul 2022 12:33



Tgt Ion:119 Resp: 523362
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 52.4
 91 23.8 0.0 47.2





#83

1,3-Dichlorobenzene

Concen: 60.308 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:146 Resp: 26658

Ion Ratio Lower Upper

146 100

111 41.2 19.8 59.4

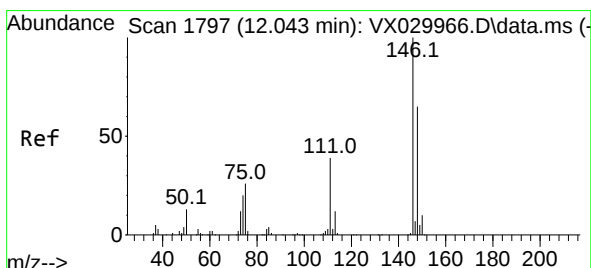
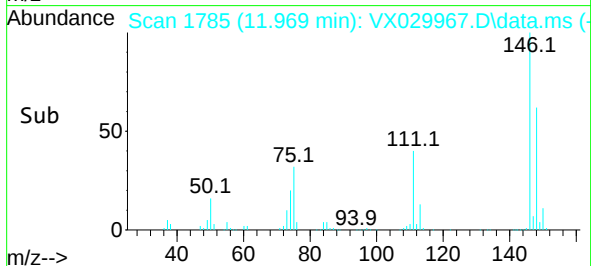
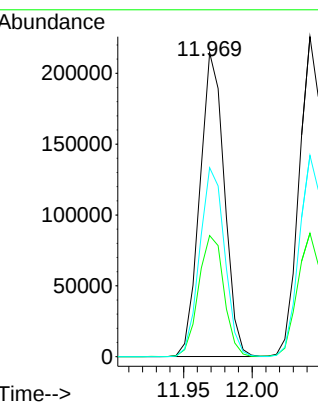
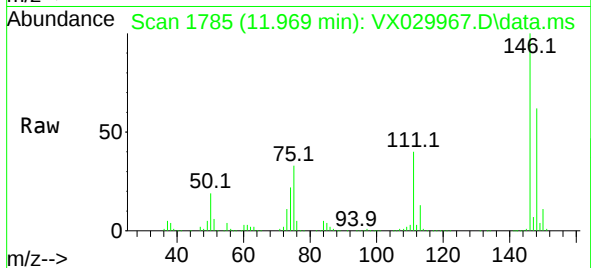
148 63.2 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#84

1,4-Dichlorobenzene

Concen: 60.200 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

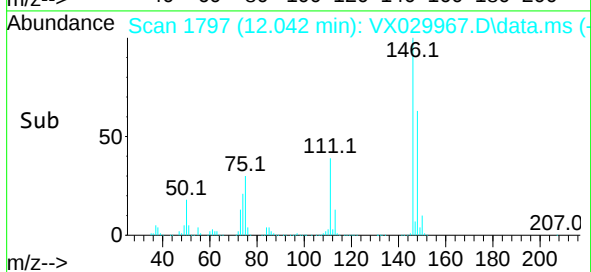
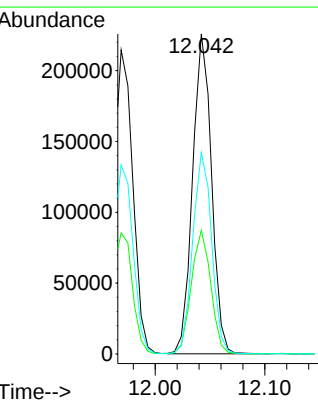
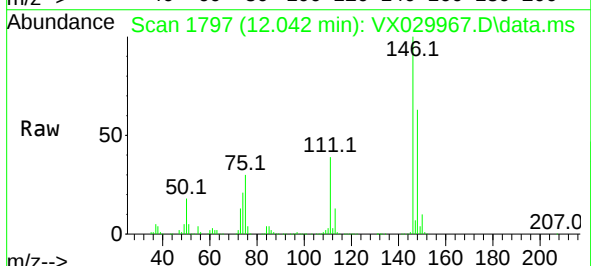
Tgt Ion:146 Resp: 270557

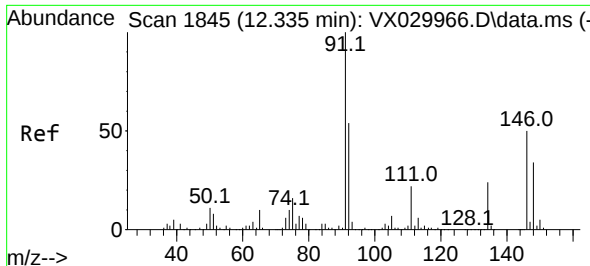
Ion Ratio Lower Upper

146 100

111 39.8 19.2 57.6

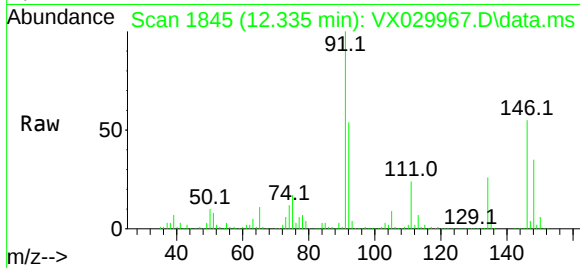
148 63.2 32.3 96.8





#85
n-Butylbenzene
Concen: 78.471 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

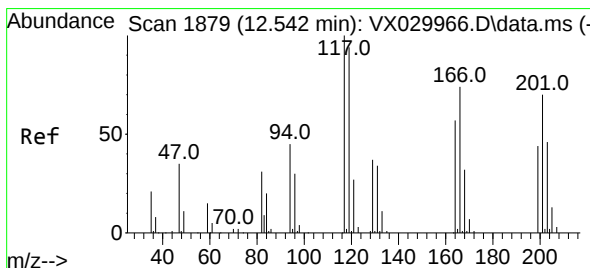
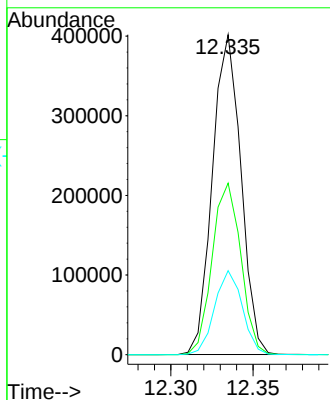
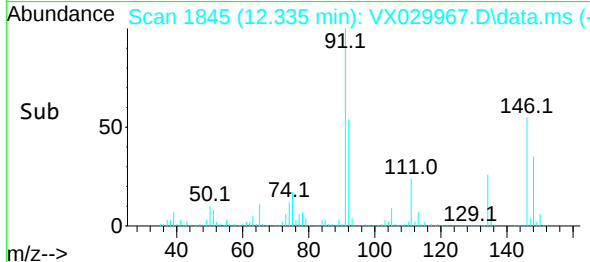
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



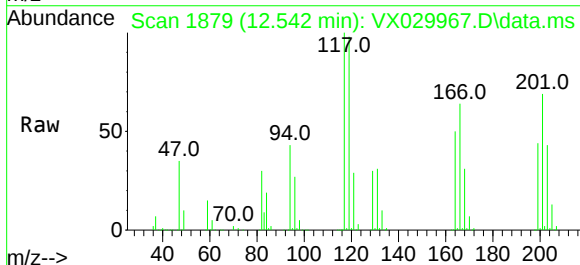
Tgt Ion: 91 Resp: 48450
Ion Ratio Lower Upper
91 100
92 53.9 0.0 109.4
134 25.5 0.0 56.4

Manual Integrations
APPROVED

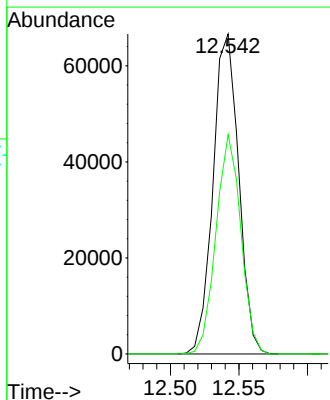
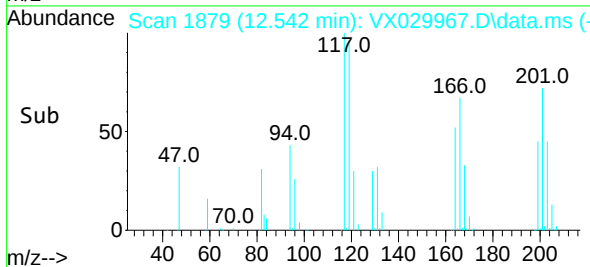
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

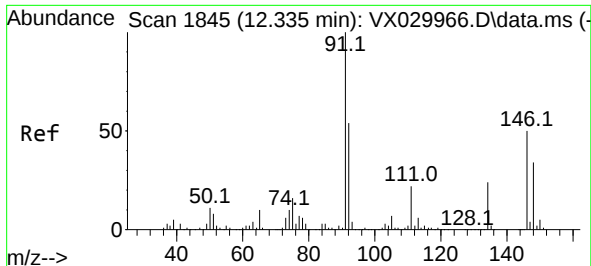


#86
Hexachloroethane
Concen: 71.996 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



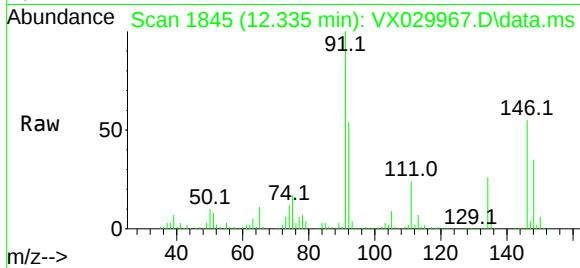
Tgt Ion:117 Resp: 86673
Ion Ratio Lower Upper
117 100
201 66.5 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 59.496 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

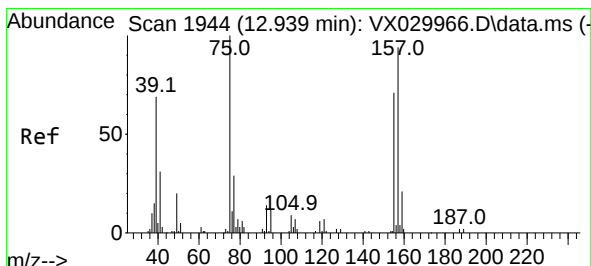
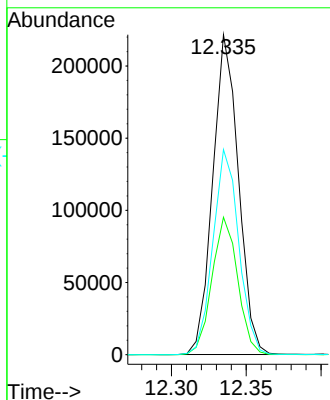
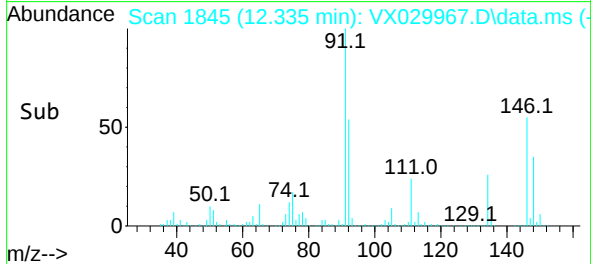
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



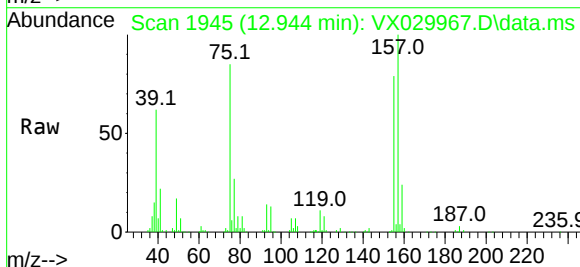
Tgt Ion:146 Resp: 264860
Ion Ratio Lower Upper
146 100
111 43.0 21.1 63.3
148 64.7 31.4 94.2

Manual Integrations
APPROVED

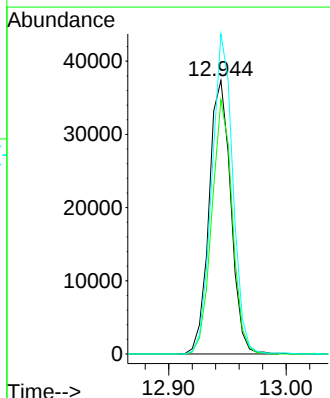
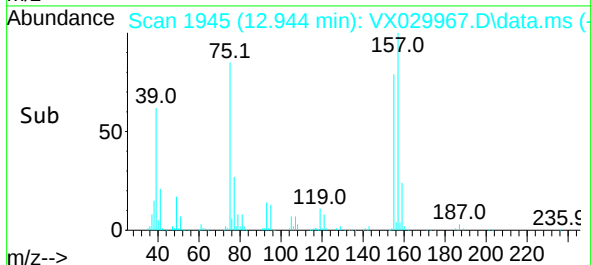
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

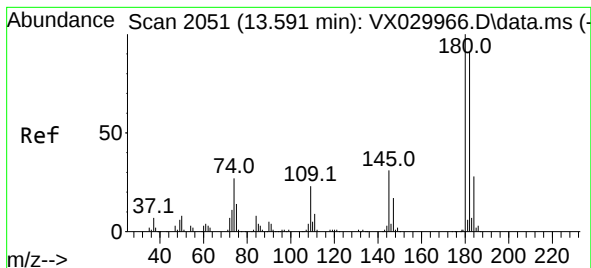


#88
1,2-Dibromo-3-Chloropropane
Concen: 75.939 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



Tgt Ion: 75 Resp: 48138
Ion Ratio Lower Upper
75 100
155 87.4 74.3 111.5
157 112.8 97.3 145.9





#89

1,2,4-Trichlorobenzene

Concen: 58.439 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:180 Resp: 162499

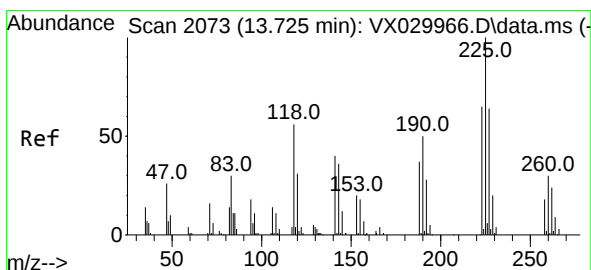
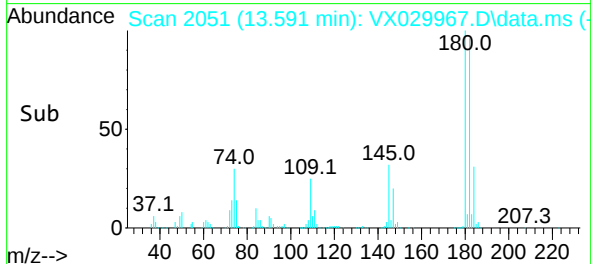
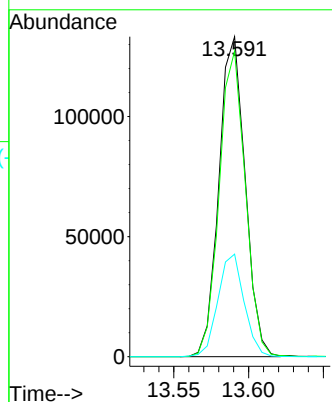
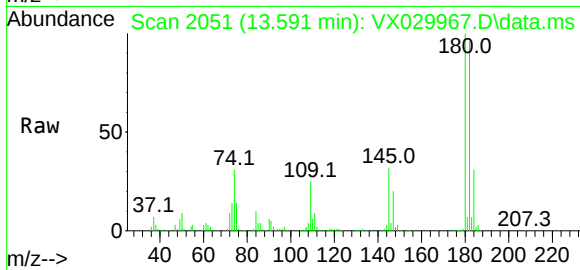
Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.4	116.2
145	32.0	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#90

Hexachlorobutadiene

Concen: 52.666 ug/l

RT: 13.725 min Scan# 2073

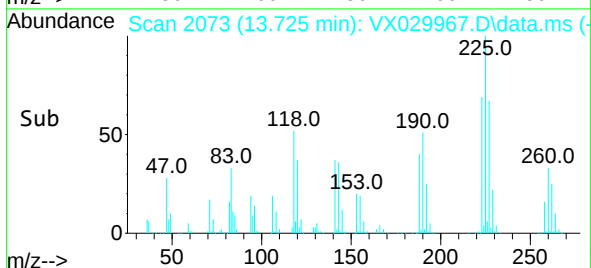
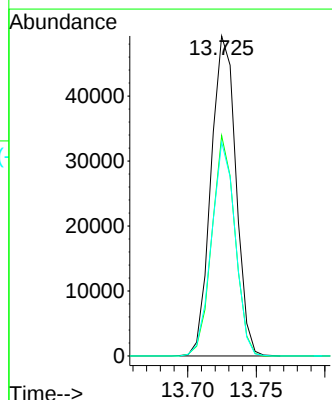
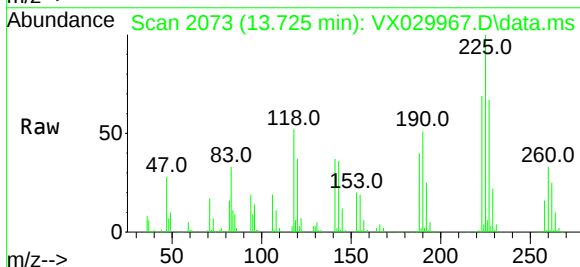
Delta R.T. -0.000 min

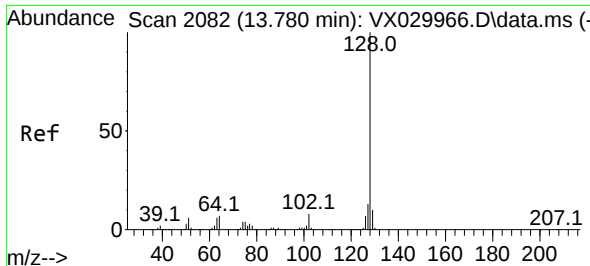
Lab File: VX029967.D

Acq: 08 Jul 2022 12:33

Tgt Ion:225 Resp: 62088

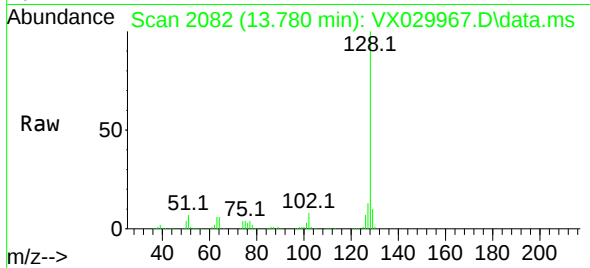
Ion	Ratio	Lower	Upper
225	100		
223	63.6	0.0	126.0
227	63.4	0.0	125.0





#91
Naphthalene
Concen: 68.850 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33

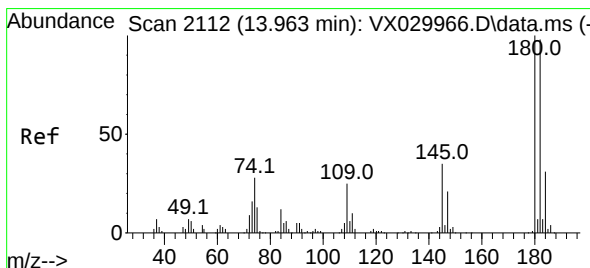
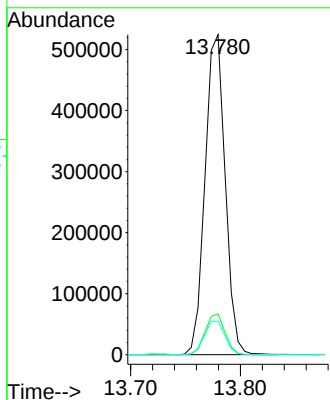
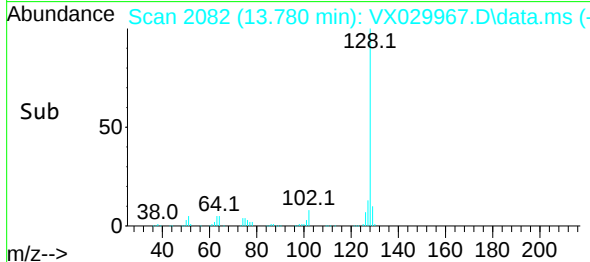
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



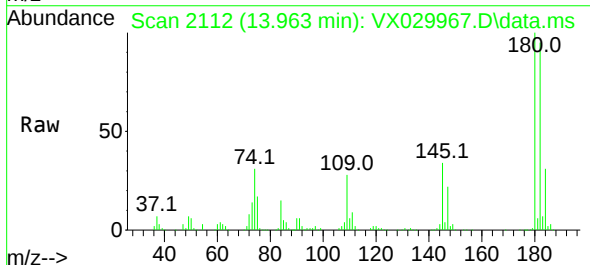
Tgt Ion:128 Resp: 669029
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.8 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 60.214 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX029967.D
Acq: 08 Jul 2022 12:33



Tgt Ion:180 Resp: 167842
Ion Ratio Lower Upper
180 100
182 93.6 0.0 189.4
145 33.6 0.0 67.2

