

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027096.D
 Acq On : 17 Feb 2022 23:31
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 18 04:55:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 18 04:52:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Mahesh Dadoda 02/21/2022

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

Internal Standards						
1) Bromochloromethane	4.904	128	13767	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	78145	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	67839	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	29838	28.326	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.433%		
60) 4-Bromofluorobenzene	11.085	95	34126	30.581	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.933%		
63) Toluene-d8	8.653	98	89792	29.467	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.233%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	121650	147.660	ug/l	97
3) Chloromethane	1.294	50	114003	127.029	ug/l	99
4) Vinyl Chloride	1.374	62	116273	129.523	ug/l	98
5) Bromomethane	1.599	94	45390	88.300	ug/l	98
6) Chloroethane	1.672	64	67090	119.455	ug/l	98
7) Trichlorofluoromethane	1.880	101	181274	125.865	ug/l	96
8) Diethyl Ether	2.136	74	63308	123.011	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	125149	149.411	ug/l	99
10) 1,1-Dichloroethene	2.319	96	123884	152.215	ug/l	98
11) Methyl Iodide	2.453	142	179401	159.163	ug/l	99
12) Methyl Acetate	2.709	43	174566	144.715	ug/l	98
13) Acrolein	2.239	56	151854	1078.397	ug/l	99
14) Acrylonitrile	3.069	53	379100	710.255	ug/l	99
15) Acetone	2.386	58	100820	655.013	ug/l	95
16) Carbon Disulfide	2.514	76	332669	163.525	ug/l	99
17) Allyl chloride	2.666	41	225327	151.318	ug/l	96
18) Methylene Chloride	2.788	84	134742	142.240	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	132662	152.090	ug/l	97
20) Diisopropyl ether	3.770	45	423689	142.297	ug/l	96
21) 1,1-Dichloroethane	3.617	63	241936	148.659	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	153636	151.868	ug/l	98
23) tert-Butyl Alcohol	2.989	59	156396	668.607	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	432066	151.892	ug/l	100
25) Chloroform	5.105	83	242284	144.987	ug/l	93
26) Cyclohexane	5.477	56	225007	151.703	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	184841	148.247	ug/l	99
30) 2-Butanone	4.562	43	533145	660.760	ug/l	99
31) 2,2-Dichloropropane	4.483	77	170297	128.290	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	221776	148.821	ug/l	98
33) Carbon Tetrachloride	5.684	117	200302	154.319	ug/l	98
34) Benzene	6.044	78	534710	144.036	ug/l	99
35) Methacrylonitrile	4.928	41	112568	136.285	ug/l	96
36) 1,2-Dichloroethane	6.092	62	192353	136.931	ug/l	99
37) Trichloroethene	7.129	130	160545	155.984	ug/l	98
38) Methylcyclohexane	7.385	83	230537	146.492	ug/l	99
39) 1,2-Dichloropropane	7.434	63	136216	141.041	ug/l	99
40) Dibromomethane	7.586	93	96539	140.894	ug/l	99
41) Bromodichloromethane	7.824	83	188466	149.532	ug/l	98
42) Vinyl Acetate	3.727	43	1875961	702.747	ug/l	99

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Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Mahesh Dadoda 02/21/2022

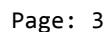
Quant Time: Feb 18 04:55:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 18 04:52:41 2022
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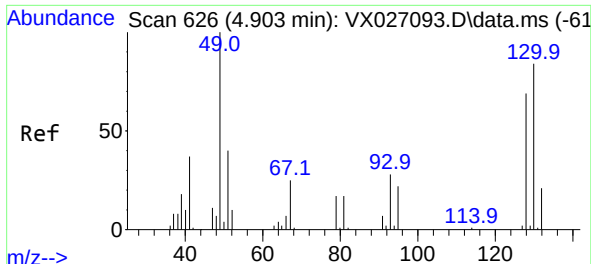
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	210231	138.424	ug/l	100
44) Isopropyl Acetate	6.348	43	332421	138.124	ug/l	100
45) 1,4-Dioxane	7.665	88	66856	2703.502	ug/l	97
46) Methyl methacrylate	7.696	41	161530	138.617	ug/l	97
47) n-amyl Acetate	10.848	43	276375	136.503	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	201711	141.936	ug/l	100
49) cis-1,3-Dichloropropene	8.372	75	220238	144.239	ug/l	97
50) 1,1,2-Trichloroethane	9.159	97	131350	132.322	ug/l	99
51) Ethyl methacrylate	9.122	69	219095	139.595	ug/l	97
52) 1,3-Dichloropropane	9.311	76	222843	136.584	ug/l	98
53) Dibromochloromethane	9.525	129	147339	147.204	ug/l	99
54) 1,2-Dibromoethane	9.616	107	142795	136.998	ug/l	100
55) 2-Chloroethyl vinyl ether	8.251	63	524572	693.288	ug/l	100
56) Bromoform	10.805	173	110462	155.607	ug/l	100
58) 4-Methyl-2-Pentanone	8.580	43	1002615	684.253	ug/l	99
59) 2-Hexanone	9.439	43	772412	685.662	ug/l	99
61) Tetrachloroethene	9.275	164	156522	162.542	ug/l	97
62) Toluene	8.720	91	559964	144.150	ug/l	99
64) Chlorobenzene	10.086	112	353539	144.901	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	135898	150.339	ug/l	99
66) Ethyl Benzene	10.195	91	629516	146.053	ug/l	99
67) m/p-Xylenes	10.305	106	486436	292.151	ug/l	98
68) o-Xylene	10.646	106	239660	145.982	ug/l	98
69) Styrene	10.659	104	408054	150.543	ug/l	99
70) Isopropylbenzene	10.963	105	622128	144.048	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	185482	137.529	ug/l	100
72) 1,2,3-Trichloropropane	11.244	75	179950m	141.368	ug/l	
73) Bromobenzene	11.201	156	157166	149.742	ug/l	99
74) n-propylbenzene	11.305	91	734917	147.773	ug/l	100
75) 2-Chlorotoluene	11.366	91	442164	147.678	ug/l	99
76) 1,3,5-Trimethylbenzene	11.457	105	532754	148.870	ug/l	99
77) t-1,4-Dichloro-2-butene	11.024	75	63377	144.587	ug/l	80
78) 4-Chlorotoluene	11.457	91	502264	148.502	ug/l	99
79) tert-butylbenzene	11.719	119	513653	148.893	ug/l	97
80) 1,2,4-Trimethylbenzene	11.756	105	534796	151.024	ug/l	98
81) sec-Butylbenzene	11.896	105	664278	149.557	ug/l	100
82) p-Isopropyltoluene	12.012	119	563756	153.922	ug/l	100
83) 1,3-Dichlorobenzene	11.975	146	295753	154.977	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	297891	157.041	ug/l	100
85) n-Butylbenzene	12.335	91	486266	152.045	ug/l	99
86) Hexachloroethane	12.542	117	97300	164.368	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	281994	152.515	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	50161	163.647	ug/l	98
89) 1,2,4-Trichlorobenzene	13.591	180	191272	166.743	ug/l	99
90) Hexachlorobutadiene	13.725	225	77345	153.534	ug/l	99
91) Naphthalene	13.780	128	666050	168.154	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	192615	167.330	ug/l	99

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

Manual Integrations

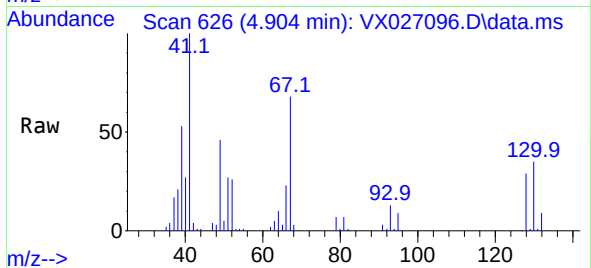
Quant Time: Feb 18 04:55:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 18 04:52:41 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

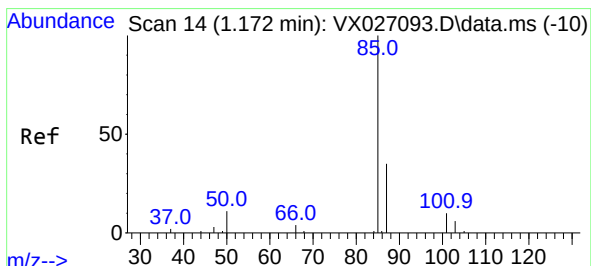
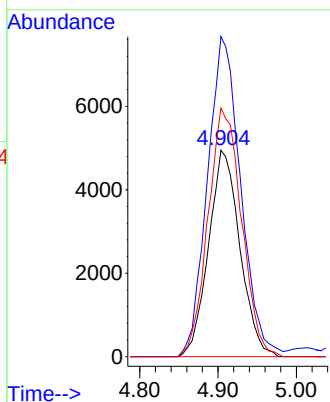
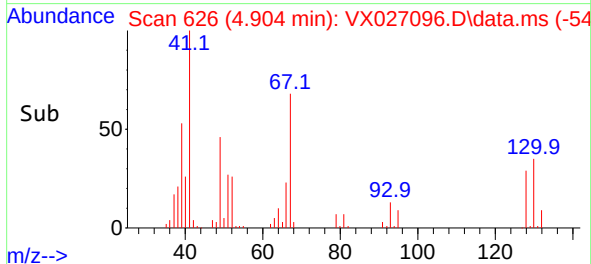
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



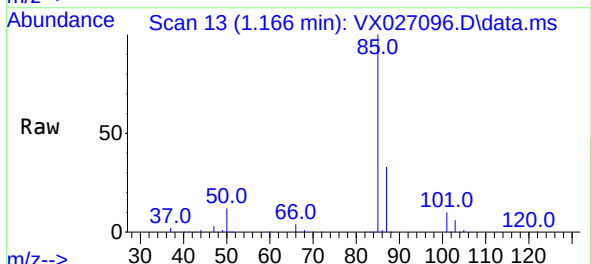
Tgt Ion:128 Resp: 1376
Ion Ratio Lower Upper
128 100
49 164.3 0.0 387.0
130 128.7 0.0 323.0

Manual Integrations
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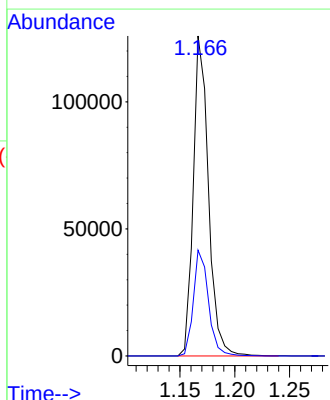
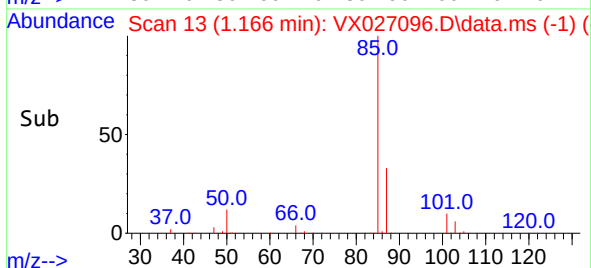
Reviewed By :John Carlone 02/18/2022
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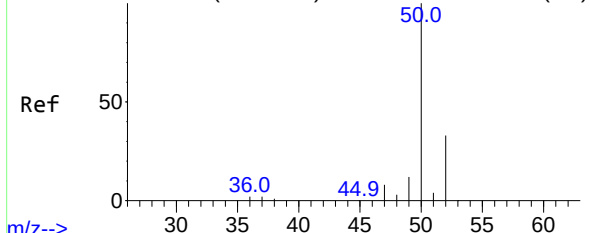
#2
Dichlorodifluoromethane
Concen: 147.660 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



Tgt Ion: 85 Resp: 121650
Ion Ratio Lower Upper
85 100
87 33.0 17.4 52.3



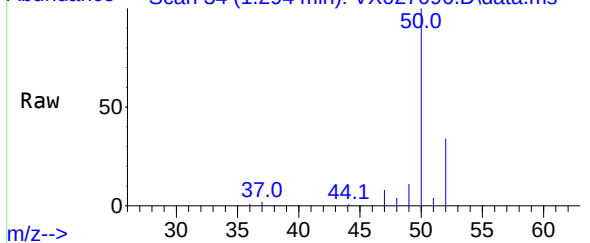
Abundance Scan 34 (1.294 min): VX027093.D\data.ms (-31)



#3
Chloromethane
Concen: 127.029 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Abundance Scan 34 (1.294 min): VX027096.D\data.ms

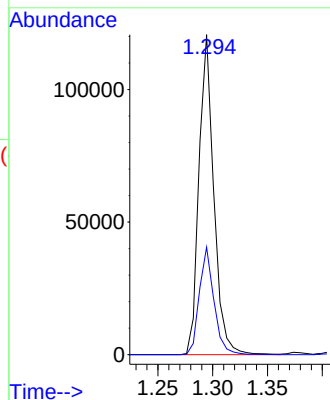
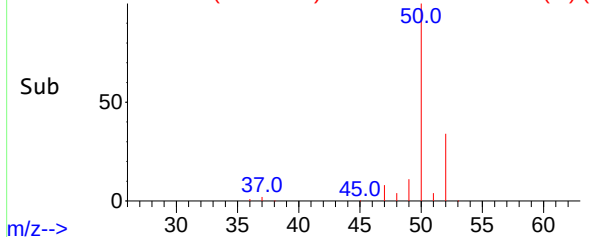


Tgt Ion: 50 Resp: 114000
Ion Ratio Lower Upper
50 100
52 33.6 26.3 39.5

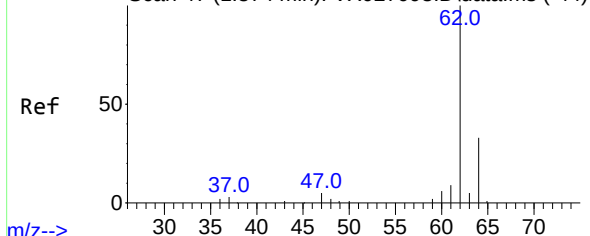
Manual Integrations
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Abundance Scan 34 (1.294 min): VX027096.D\data.ms (-1)



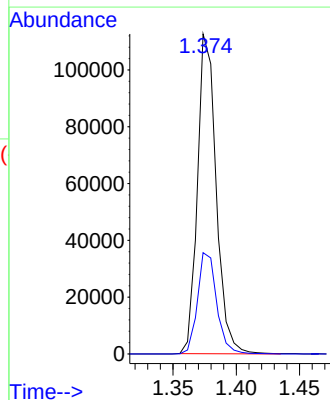
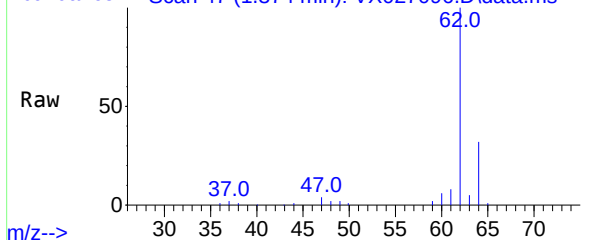
Abundance Scan 47 (1.374 min): VX027093.D\data.ms (-44)



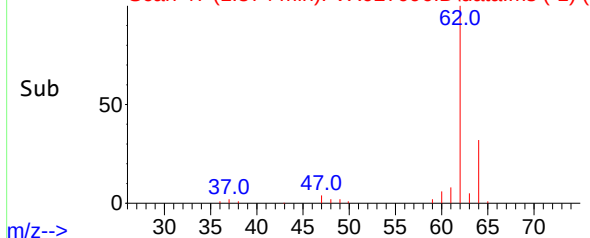
#4
Vinyl Chloride
Concen: 129.523 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

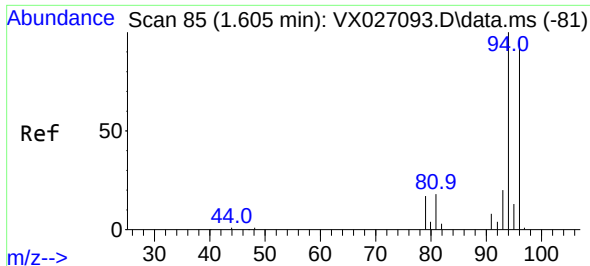
Tgt Ion: 62 Resp: 116273
Ion Ratio Lower Upper
62 100
64 31.7 26.1 39.1

Abundance Scan 47 (1.374 min): VX027096.D\data.ms



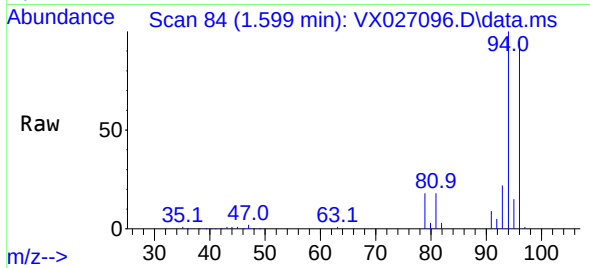
Abundance Scan 47 (1.374 min): VX027096.D\data.ms (-1)





#5
Bromomethane
Concen: 88.300 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

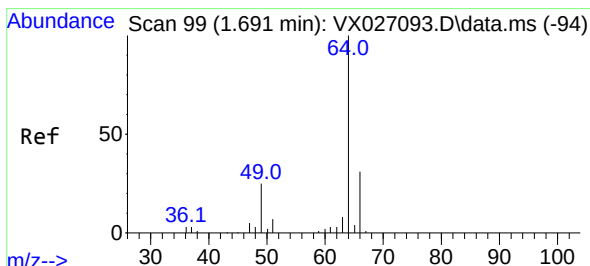
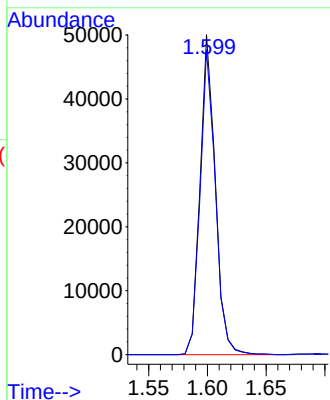
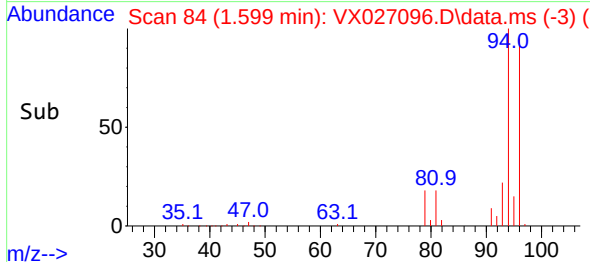
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 94 Resp: 45390
Ion Ratio Lower Upper
94 100
96 95.3 77.9 116.9

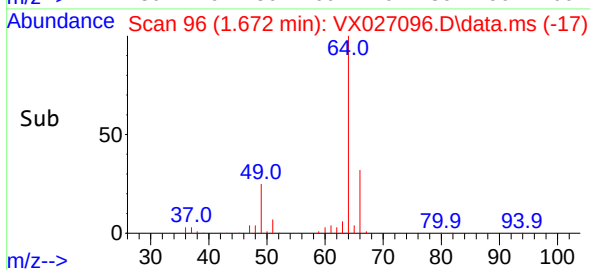
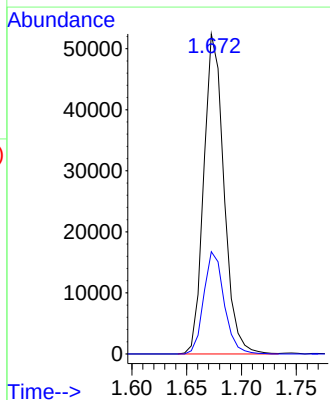
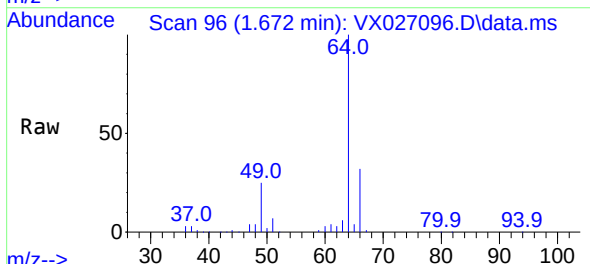
Manual Integrations
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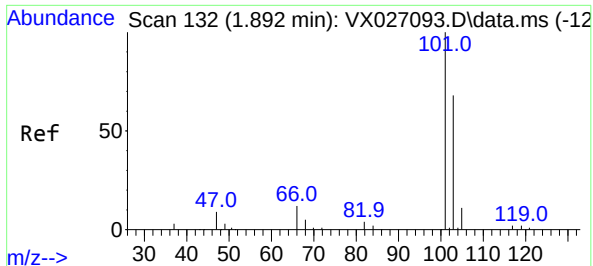
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#6
Chloroethane
Concen: 119.455 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.018 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Tgt Ion: 64 Resp: 67090
Ion Ratio Lower Upper
64 100
66 31.9 24.5 36.7





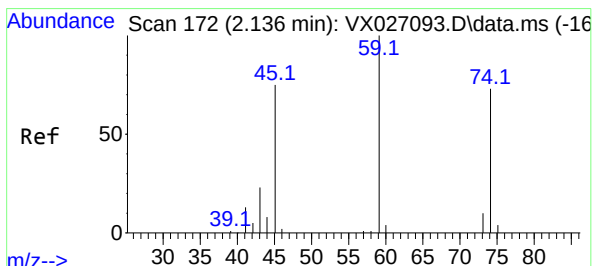
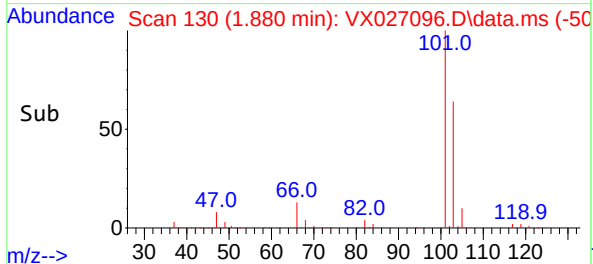
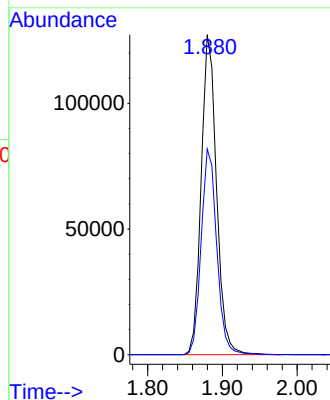
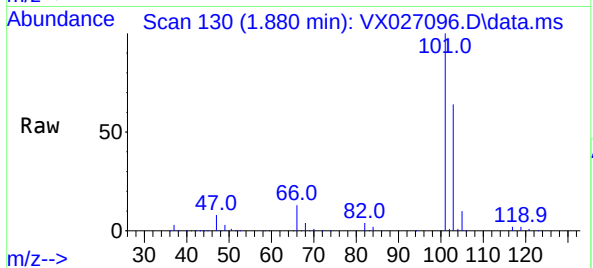
#7
Trichlorofluoromethane
Concen: 125.865 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 181274
Ion Ratio Lower Upper
101 100
103 64.3 54.3 81.5

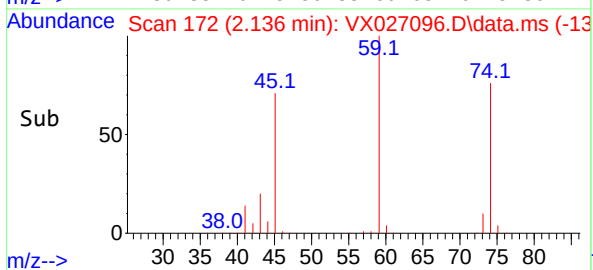
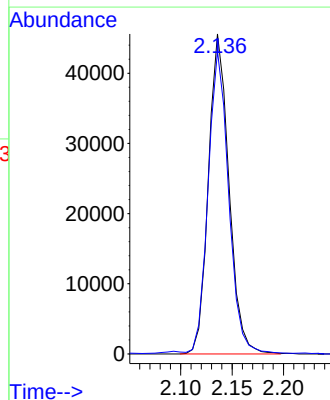
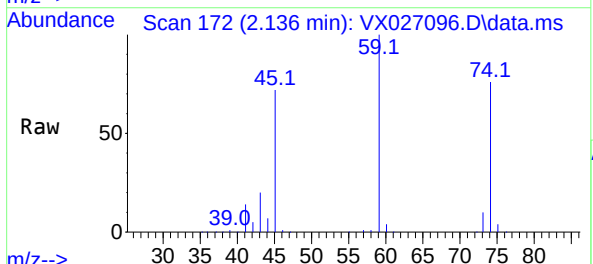
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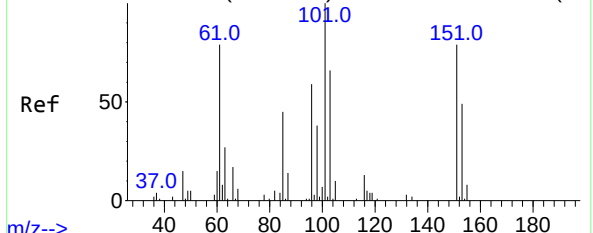


#8
Diethyl Ether
Concen: 123.011 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Tgt Ion: 74 Resp: 63308
Ion Ratio Lower Upper
74 100
45 94.8 20.2 181.4

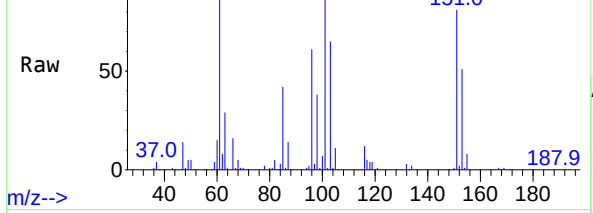


Abundance Scan 205 (2.337 min): VX027093.D\data.ms (-19



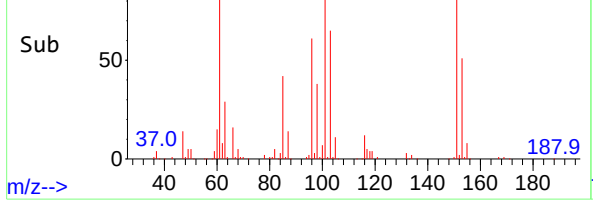
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Abundance Scan 204 (2.331 min): VX027096.D\data.ms



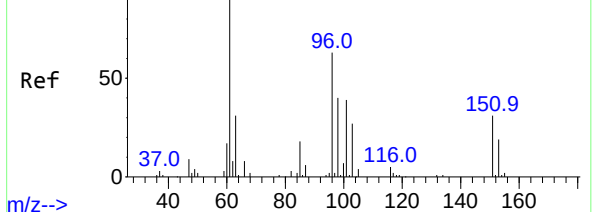
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Abundance Scan 204 (2.331 min): VX027096.D\data.ms (-12



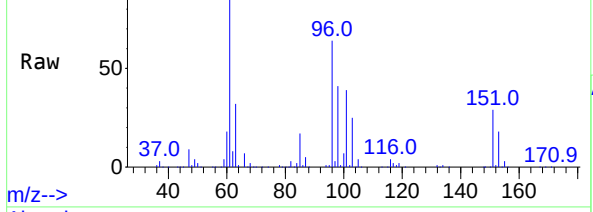
m/z-->

Abundance Scan 203 (2.325 min): VX027093.D\data.ms (-19



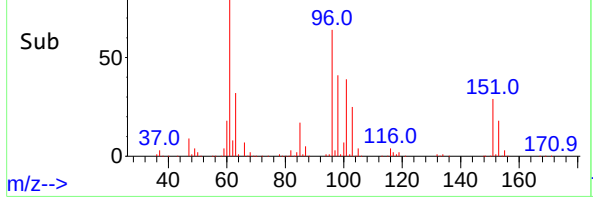
m/z-->

Abundance Scan 202 (2.319 min): VX027096.D\data.ms



m/z-->

Abundance Scan 202 (2.319 min): VX027096.D\data.ms (-12



m/z-->

#9
1,1,2-Trichlorotrifluoroethane
Concen: 149.411 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

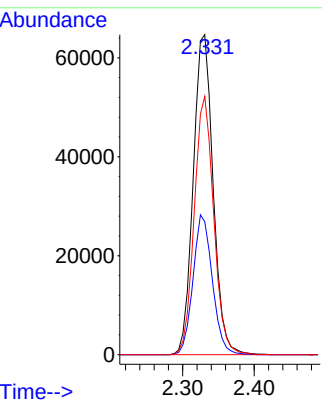
Tgt Ion:	101	Resp:	125149
Ion	Ratio	Lower	Upper
101	100		
85	42.5	0.0	86.6
151	79.1	0.0	158.0

Manual Integrations

APPROVED

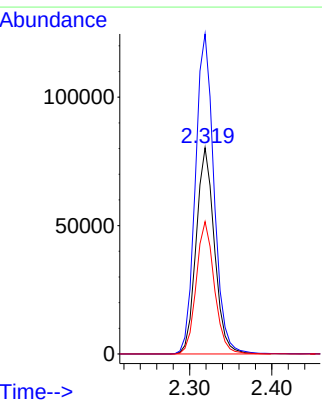
Reviewed By :John Carlone 02/18/2022

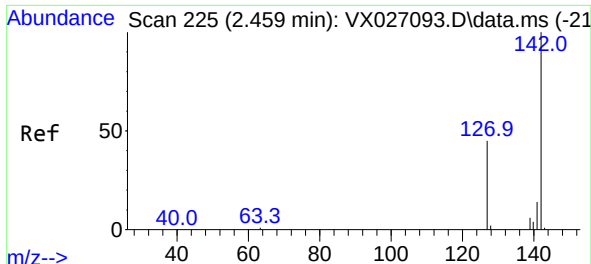
Supervised By :Mahesh Dadoda 02/21/2022



#10
1,1-Dichloroethene
Concen: 152.215 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Tgt Ion:	96	Resp:	123884
Ion	Ratio	Lower	Upper
96	100		
61	155.1	127.8	191.6
98	64.1	51.4	77.0





#11

Methyl Iodide

Concen: 159.163 ug/l

RT: 2.453 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX027096.D

Acq: 17 Feb 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:142 Resp: 17940

Ion Ratio Lower Upper

142 100

127 44.0 22.5 67.5

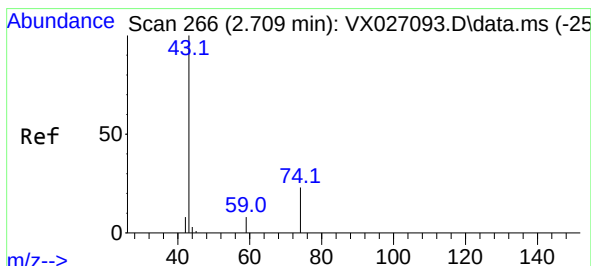
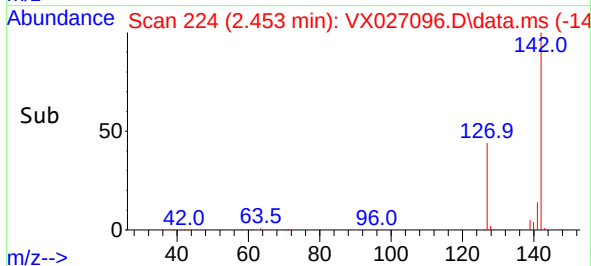
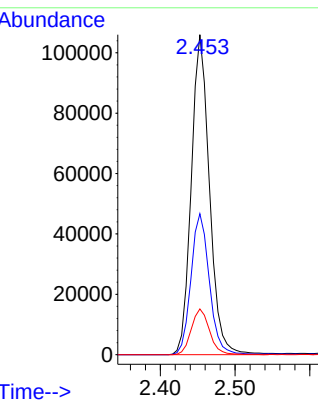
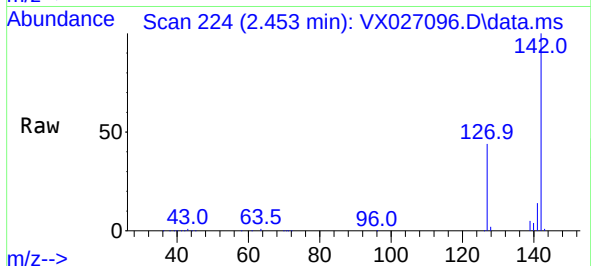
141 14.3 7.2 21.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#12

Methyl Acetate

Concen: 144.715 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX027096.D

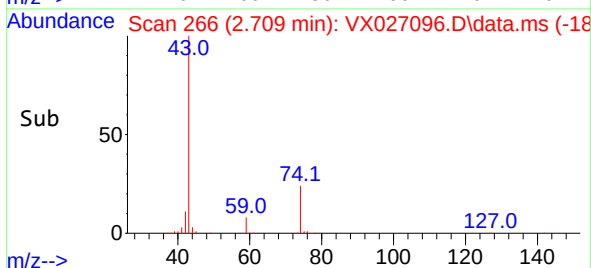
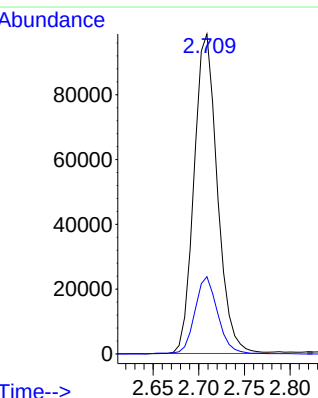
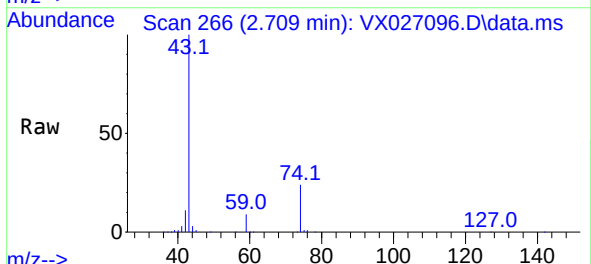
Acq: 17 Feb 2022 23:31

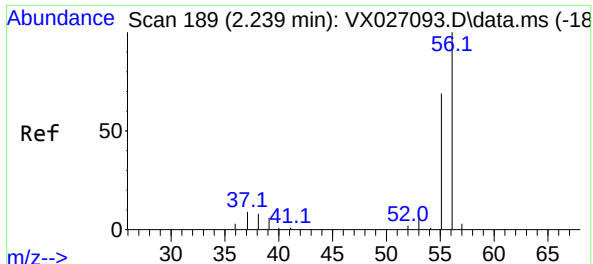
Tgt Ion: 43 Resp: 174566

Ion Ratio Lower Upper

43 100

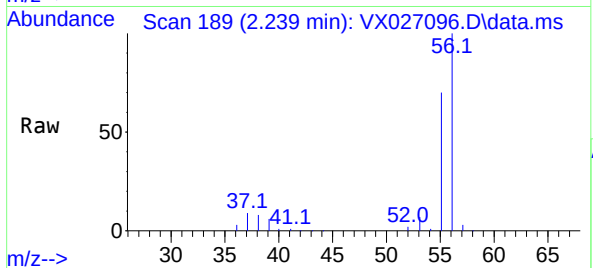
74 24.0 18.6 27.8





#13
Acrolein
Concen: 1078.397 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

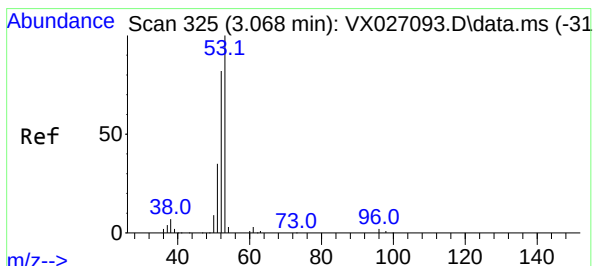
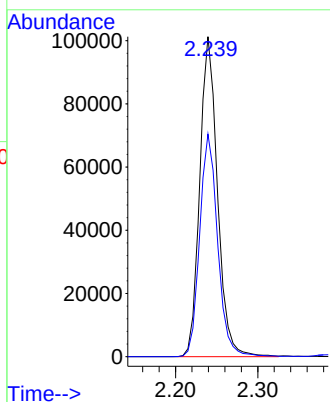
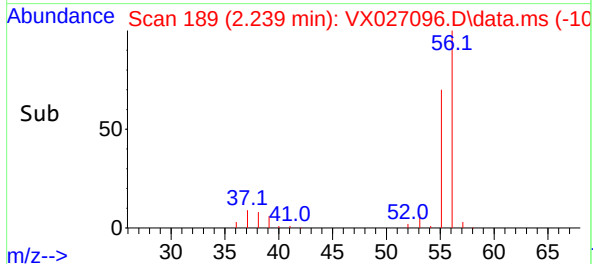
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



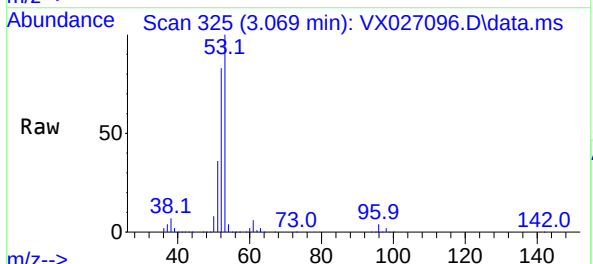
Tgt Ion: 56 Resp: 151854
Ion Ratio Lower Upper
56 100
55 70.5 56.0 84.0

Manual Integrations
APPROVED

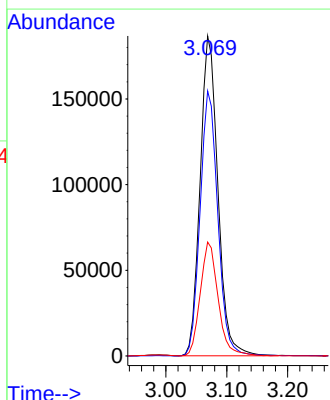
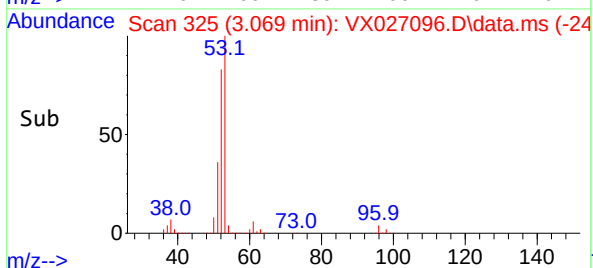
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

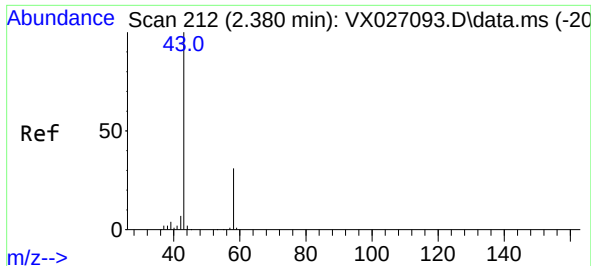


#14
Acrylonitrile
Concen: 710.255 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



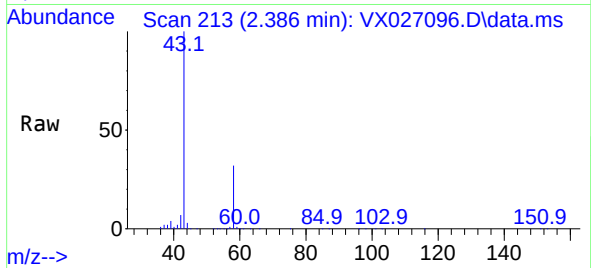
Tgt Ion: 53 Resp: 379100
Ion Ratio Lower Upper
53 100
52 82.6 40.9 122.7
51 35.9 17.8 53.4





#15
Acetone
Concen: 655.013 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

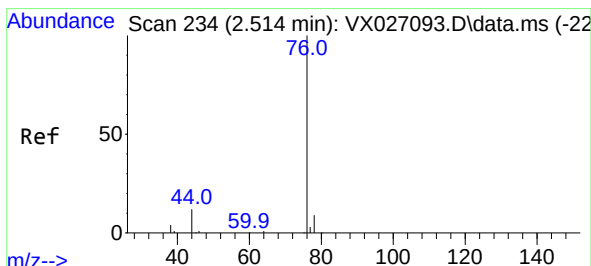
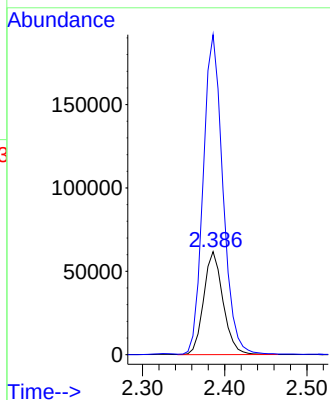
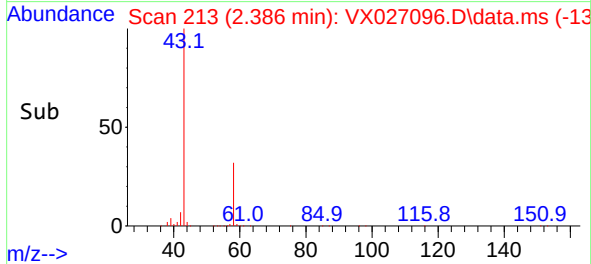
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



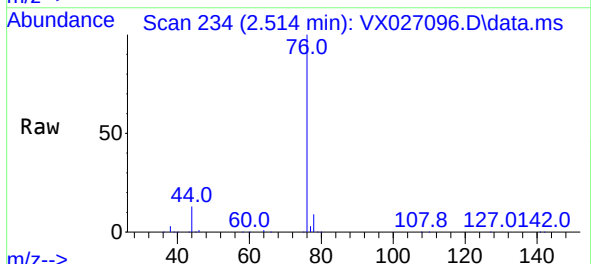
Tgt Ion: 58 Resp: 100820
Ion Ratio Lower Upper
58 100
43 310.5 256.9 385.3

Manual Integrations
APPROVED

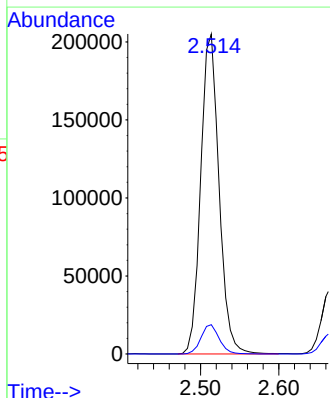
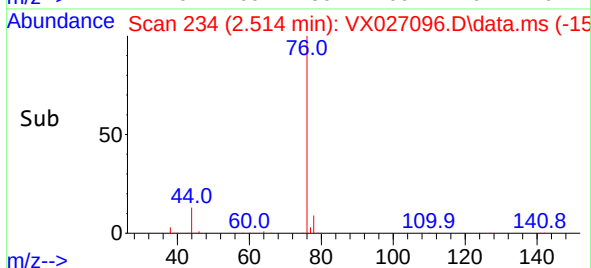
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

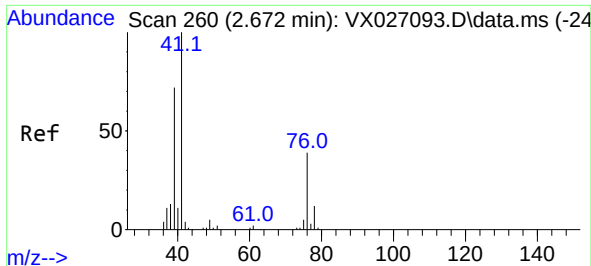


#16
Carbon Disulfide
Concen: 163.525 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



Tgt Ion: 76 Resp: 332669
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#17

Allyl chloride

Concen: 151.318 ug/l

RT: 2.666 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX027096.D

Acq: 17 Feb 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 41 Resp: 22532

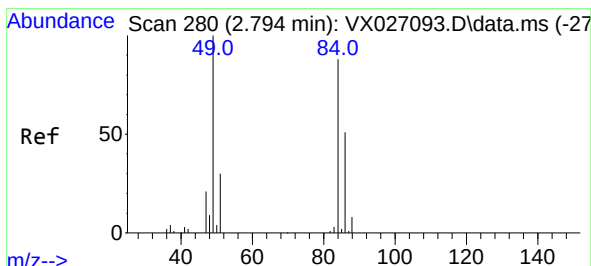
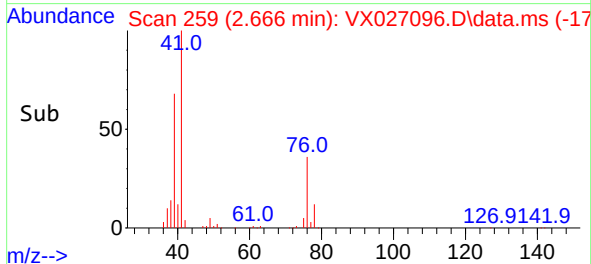
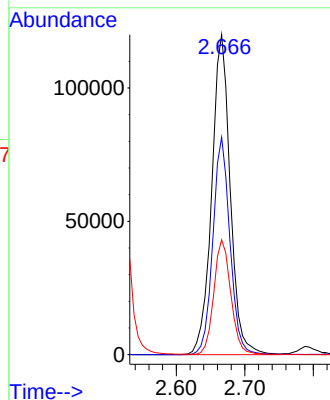
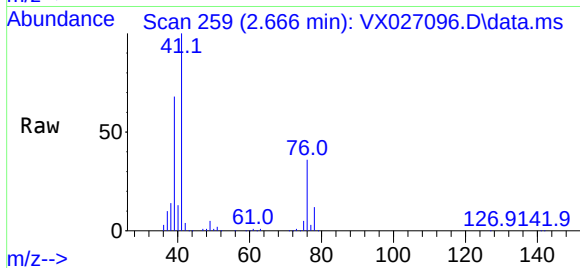
Ion	Ratio	Lower	Upper
41	100		
39	68.0	35.8	107.3
76	35.8	19.3	57.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#18

Methylene Chloride

Concen: 142.240 ug/l

RT: 2.788 min Scan# 279

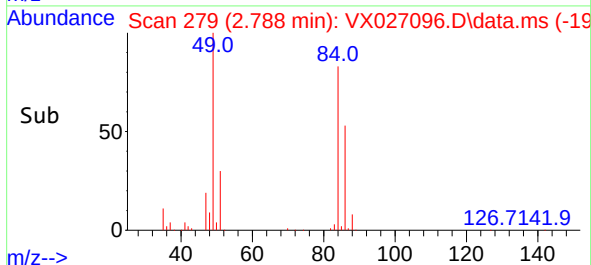
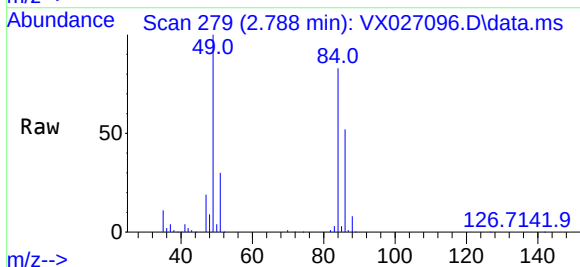
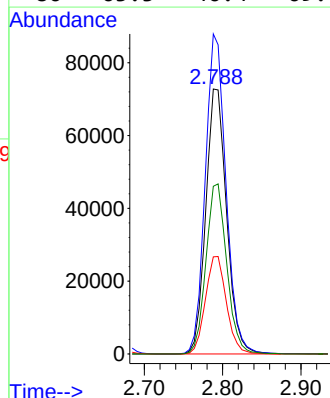
Delta R.T. -0.006 min

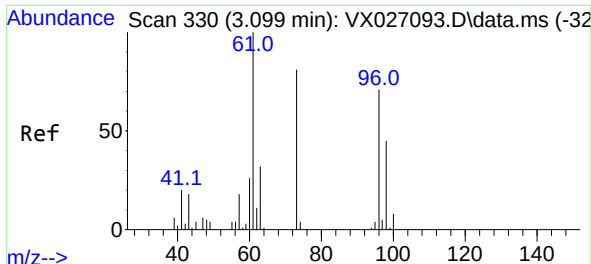
Lab File: VX027096.D

Acq: 17 Feb 2022 23:31

Tgt Ion: 84 Resp: 134742

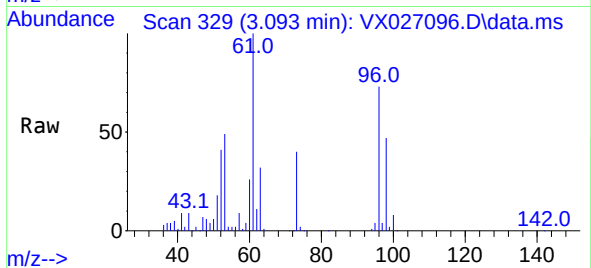
Ion	Ratio	Lower	Upper
84	100		
49	120.7	91.2	136.8
51	36.6	27.6	41.4
86	63.3	46.4	69.6





#19
trans-1,2-Dichloroethene
Concen: 152.090 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

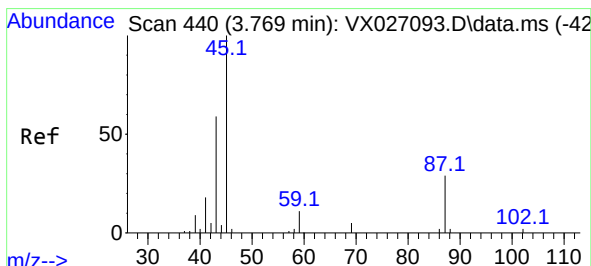
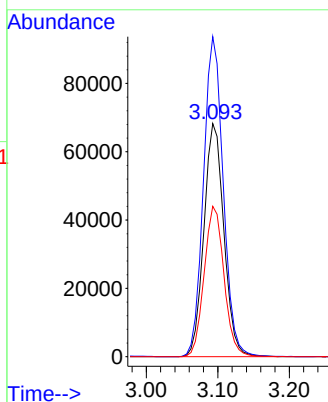
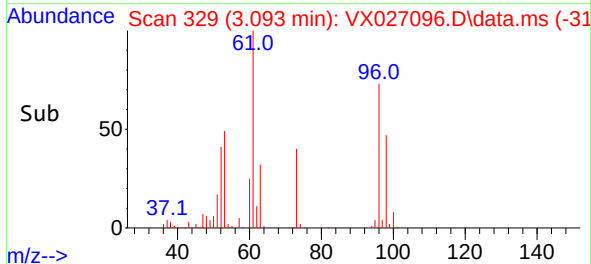
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



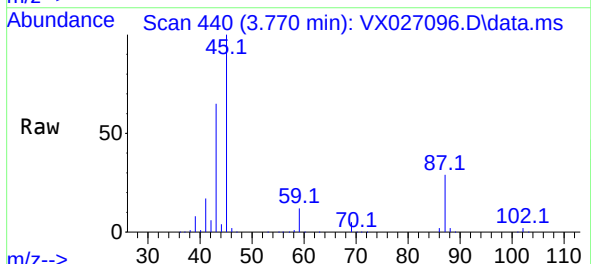
Tgt Ion: 96 Resp: 132662
Ion Ratio Lower Upper
96 100
61 137.2 113.2 169.8
98 64.5 51.0 76.6

Manual Integrations
APPROVED

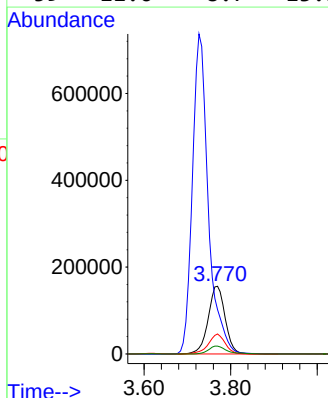
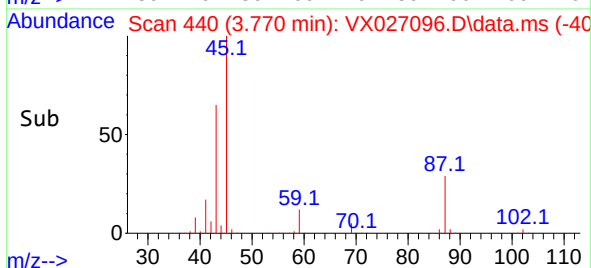
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

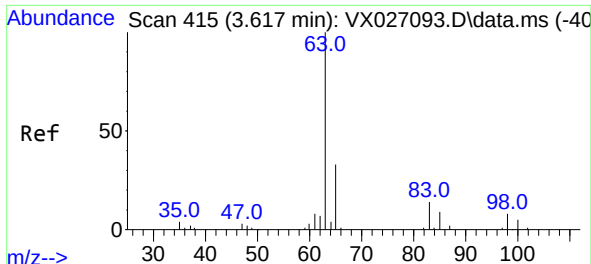


#20
Diisopropyl ether
Concen: 142.297 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



Tgt Ion: 45 Resp: 423689
Ion Ratio Lower Upper
45 100
43 65.1 55.5 83.3
87 29.5 23.1 34.7
59 11.6 8.7 13.1





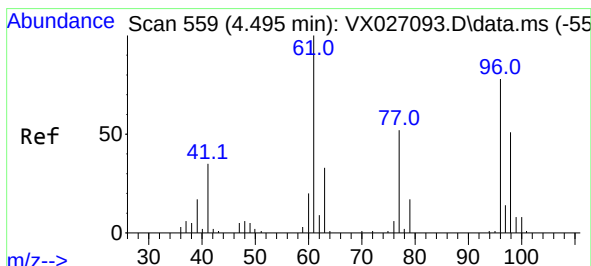
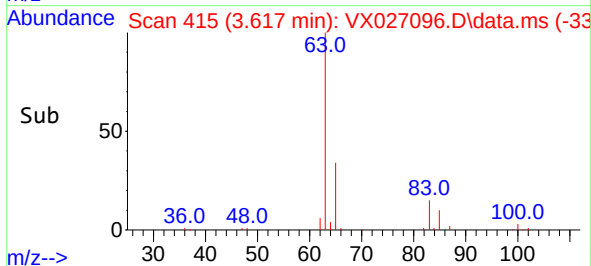
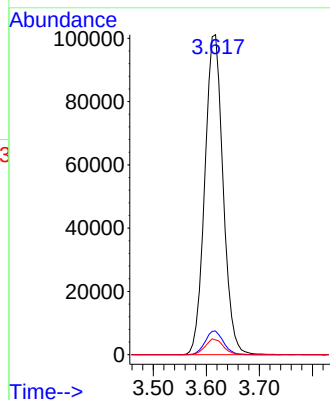
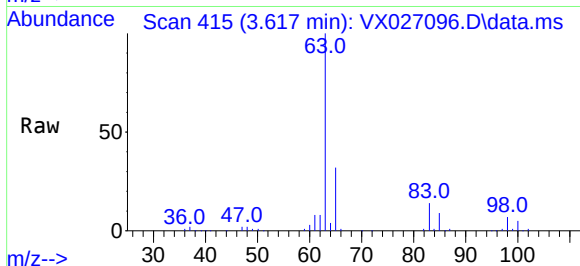
#21
1,1-Dichloroethane
Concen: 148.659 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 241936
Ion Ratio Lower Upper
63 100
98 7.4 4.0 11.9
100 4.6 2.5 7.5

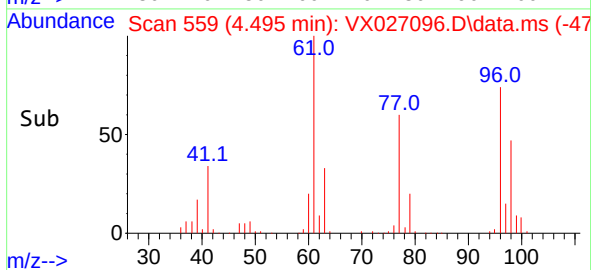
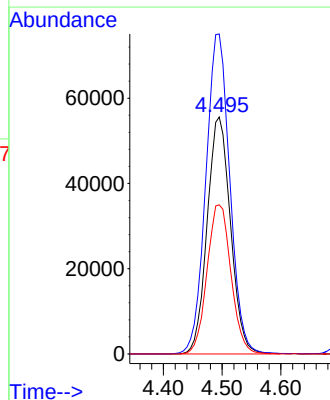
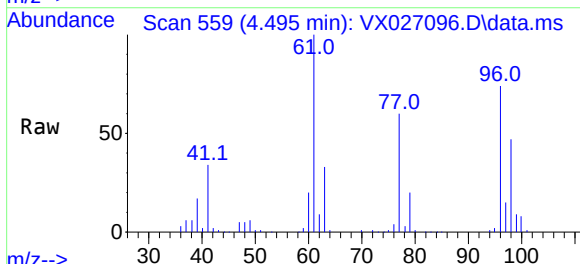
Manual Integrations
APPROVED

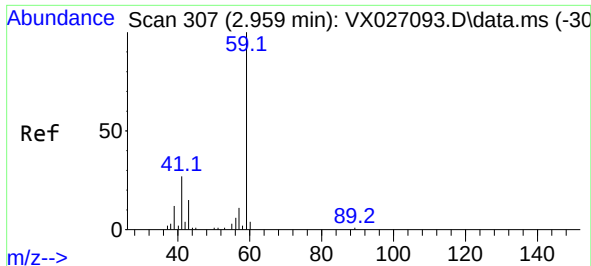
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#22
cis-1,2-Dichloroethene
Concen: 151.868 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

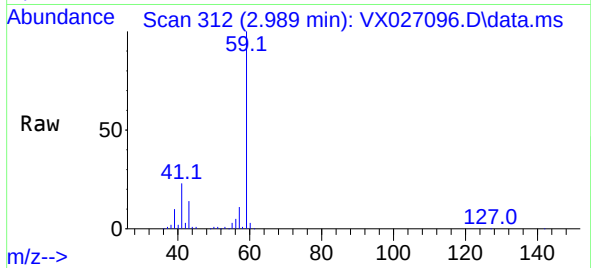
Tgt Ion: 96 Resp: 153636
Ion Ratio Lower Upper
96 100
61 138.9 114.3 171.5
98 64.5 51.7 77.5





#23
tert-Butyl Alcohol
Concen: 668.607 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.031 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

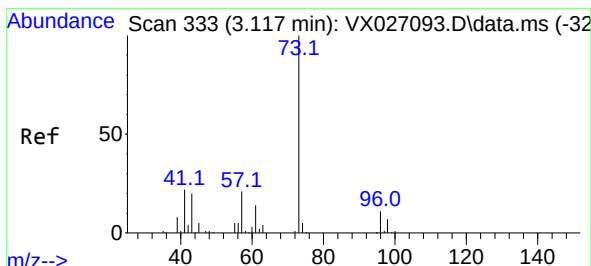
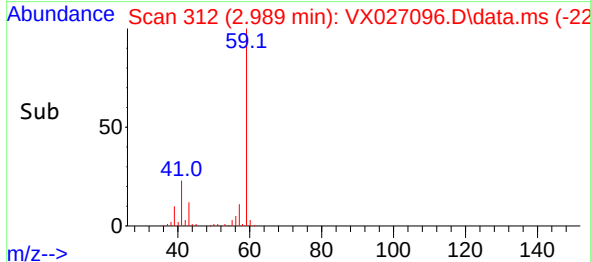
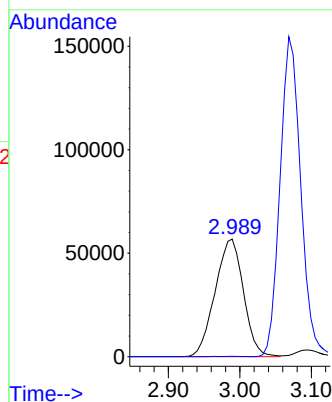
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 156390
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

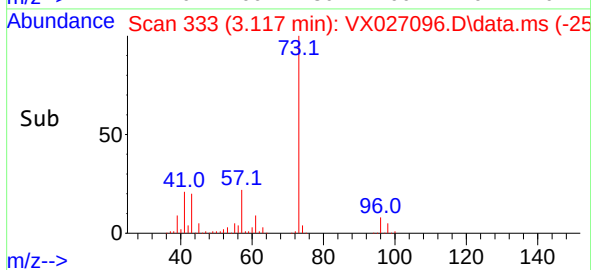
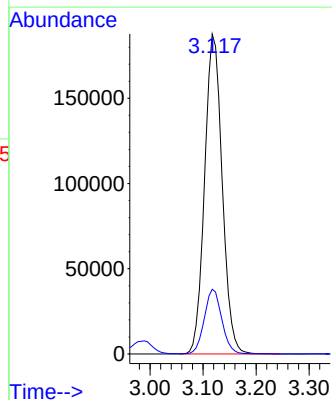
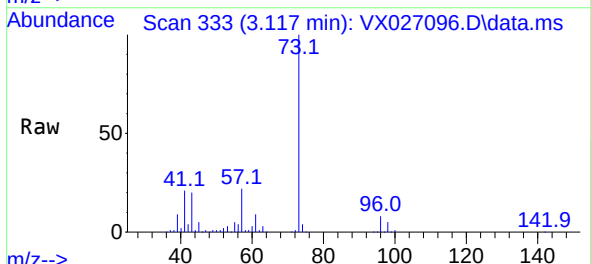
Manual Integrations
APPROVED

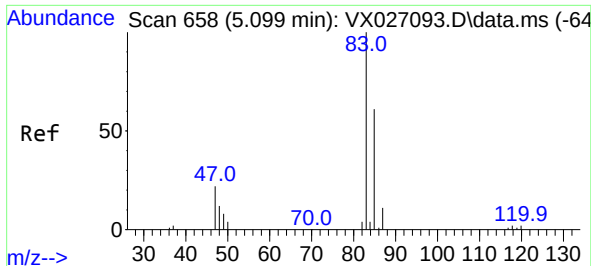
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#24
Methyl tert-Butyl Ether
Concen: 151.892 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Tgt Ion: 73 Resp: 432066
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.4





#25

Chloroform

Concen: 144.987 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX027096.D

Acq: 17 Feb 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 242284

Ion Ratio Lower Upper

83 100

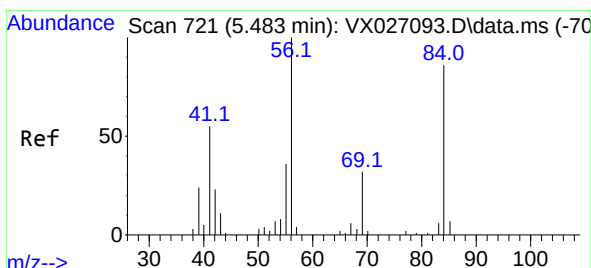
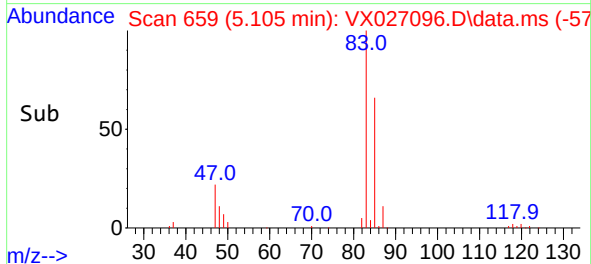
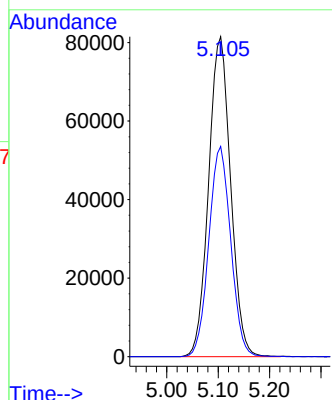
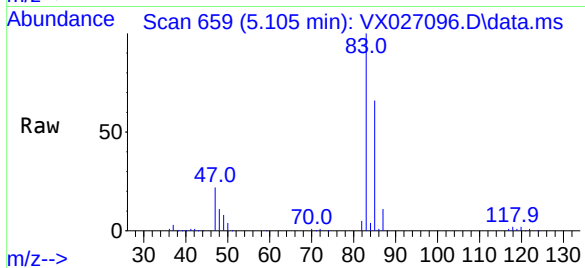
85 65.7 48.4 72.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#26

Cyclohexane

Concen: 151.703 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.006 min

Lab File: VX027096.D

Acq: 17 Feb 2022 23:31

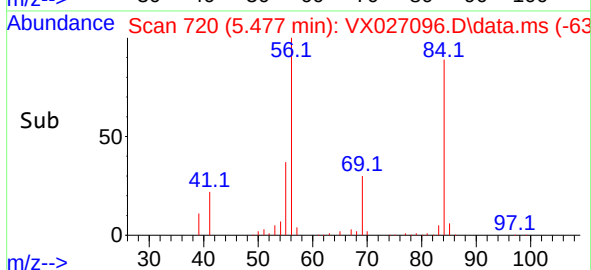
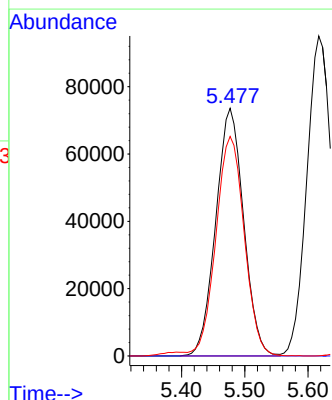
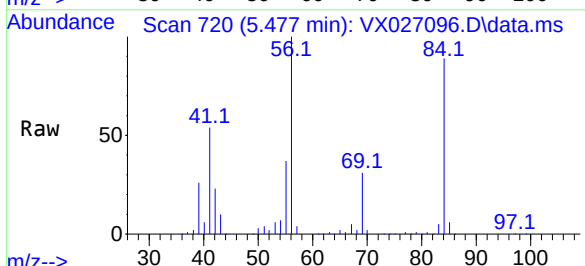
Tgt Ion: 56 Resp: 225007

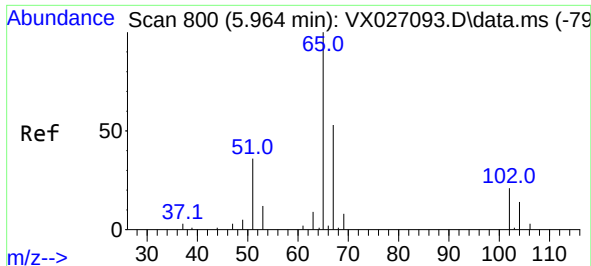
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

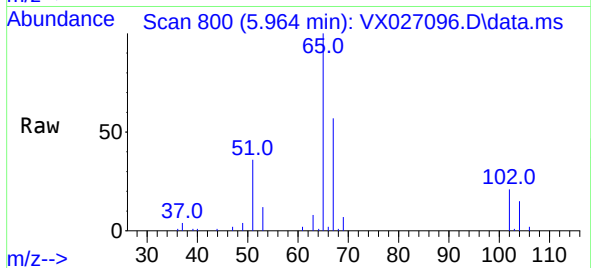
84 90.3 71.9 107.9





#27
1,2-Dichloroethane-d4
Concen: 28.326 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

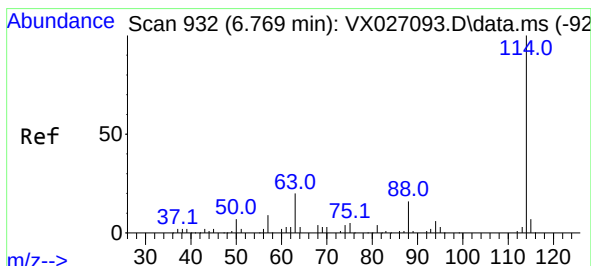
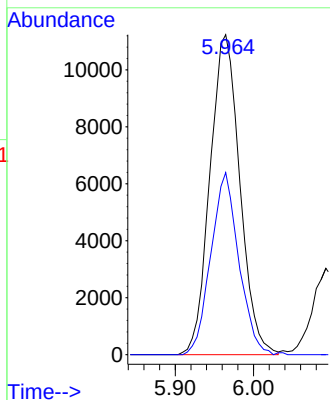
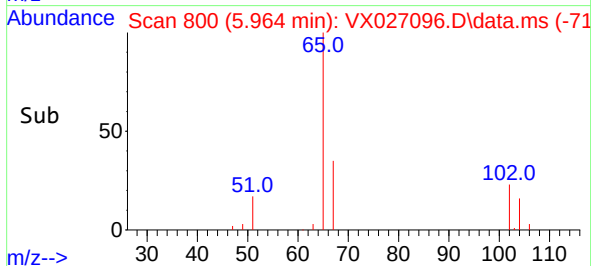
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



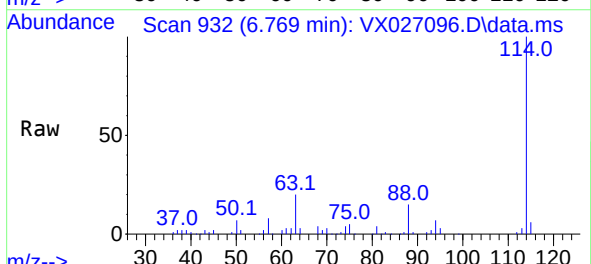
Tgt Ion: 65 Resp: 29838
Ion Ratio Lower Upper
65 100
67 53.1 41.4 62.2

Manual Integrations
APPROVED

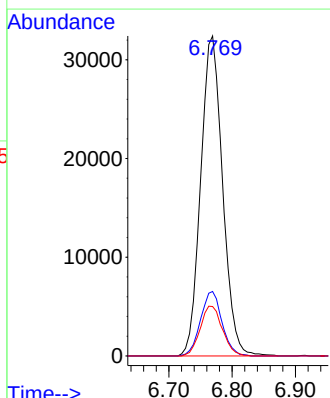
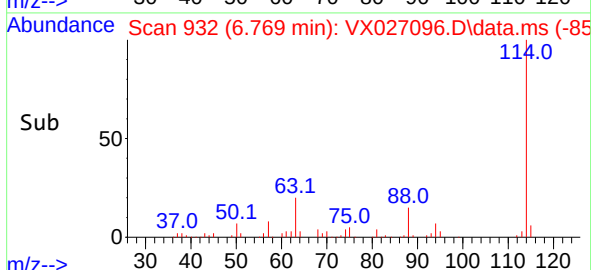
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

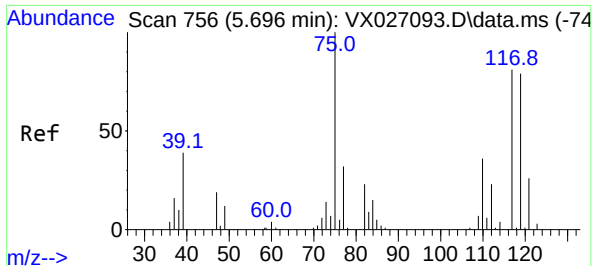


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



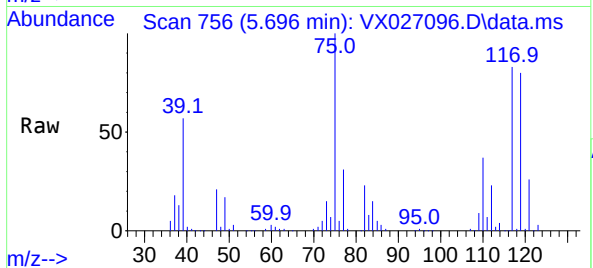
Tgt Ion:114 Resp: 78145
Ion Ratio Lower Upper
114 100
63 19.7 16.2 24.2
88 15.8 12.7 19.1





#29
1,1-Dichloropropene
Concen: 148.247 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

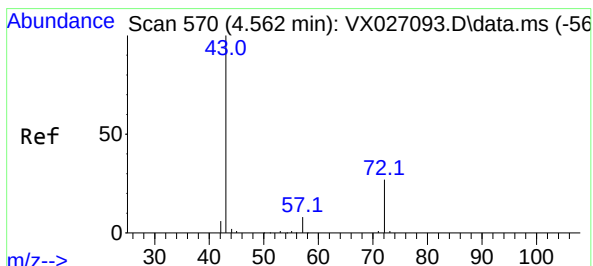
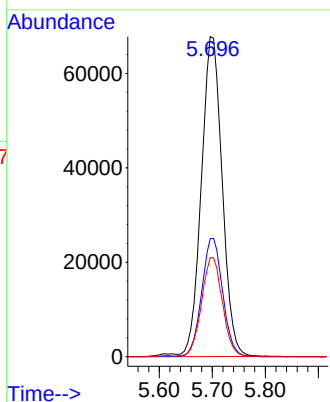
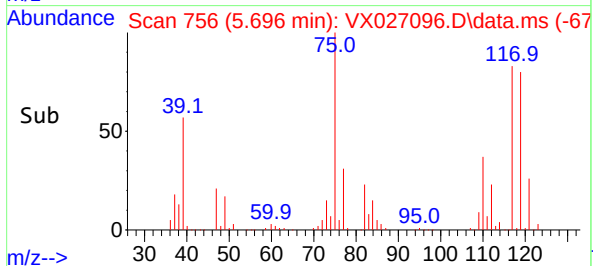
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



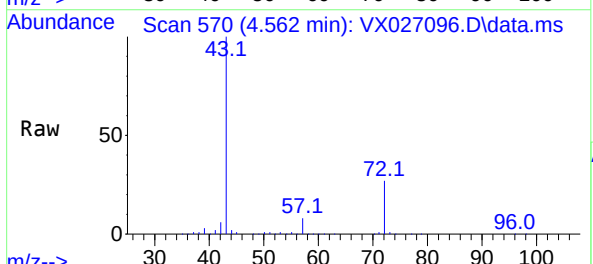
Tgt Ion: 75 Resp: 18484
Ion Ratio Lower Upper
75 100
110 37.1 0.0 72.6
77 31.1 0.0 62.4

Manual Integrations
APPROVED

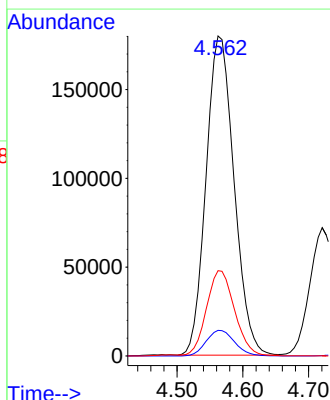
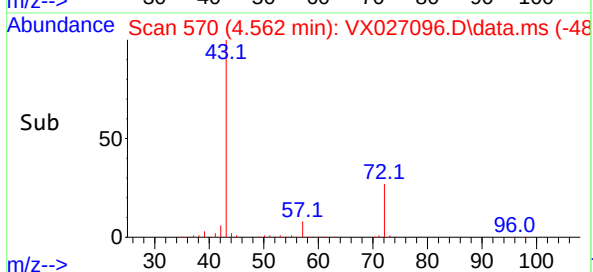
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

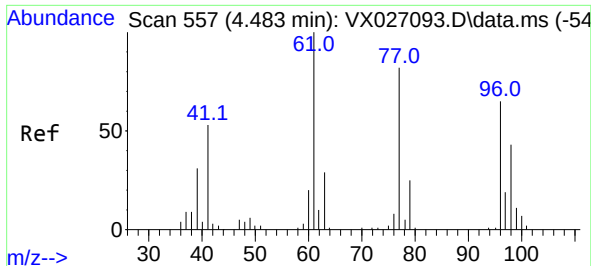


#30
2-Butanone
Concen: 660.760 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



Tgt Ion: 43 Resp: 533145
Ion Ratio Lower Upper
43 100
57 8.2 6.6 9.8
72 26.8 21.0 31.6





#31

2,2-Dichloropropane

Concen: 128.290 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027096.D

Acq: 17 Feb 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 77 Resp: 17029

Ion Ratio Lower Upper

77 100

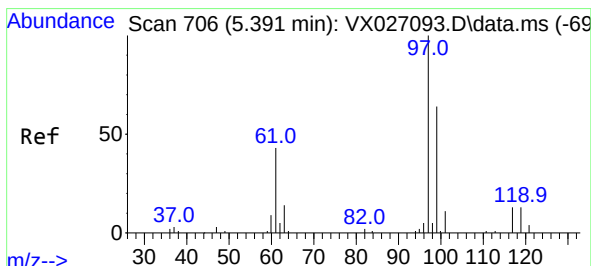
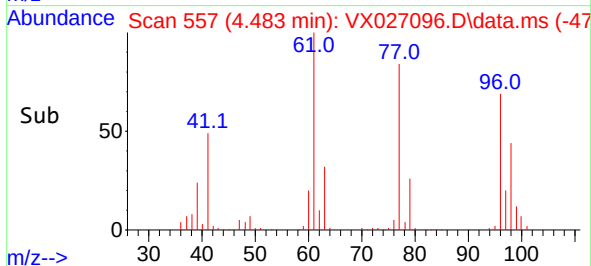
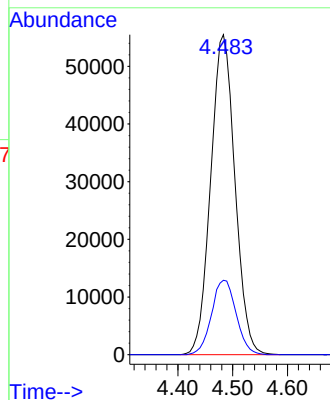
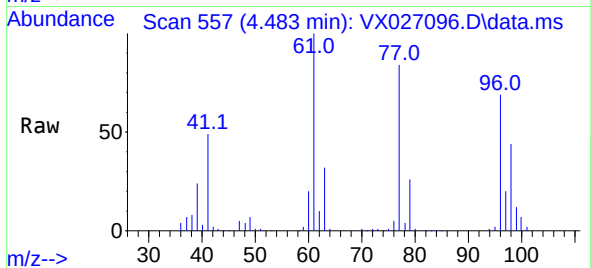
97 23.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#32

1,1,1-Trichloroethane

Concen: 148.821 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027096.D

Acq: 17 Feb 2022 23:31

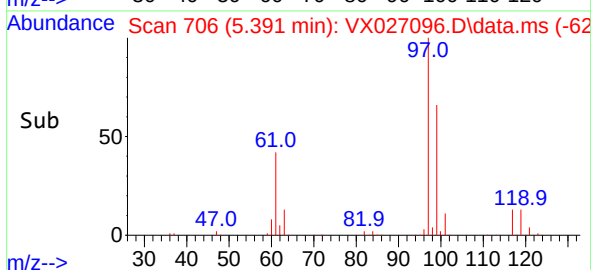
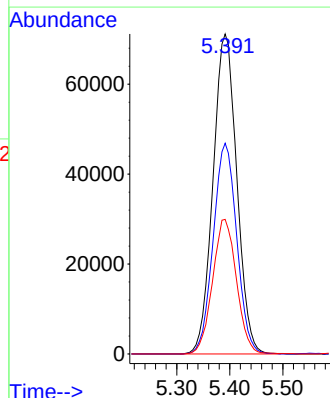
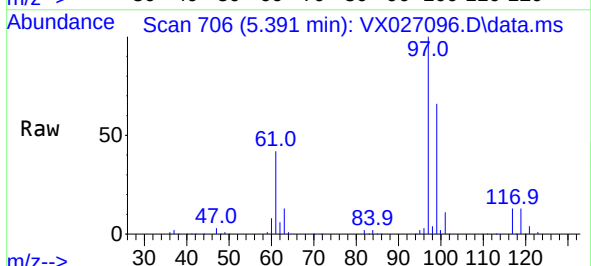
Tgt Ion: 97 Resp: 221776

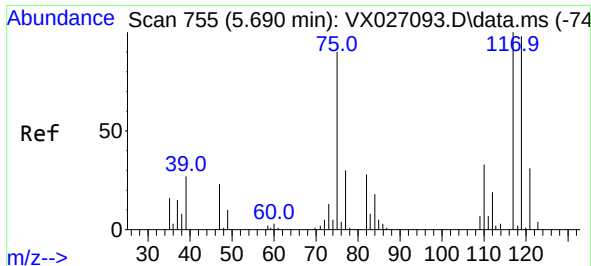
Ion Ratio Lower Upper

97 100

99 65.2 50.6 76.0

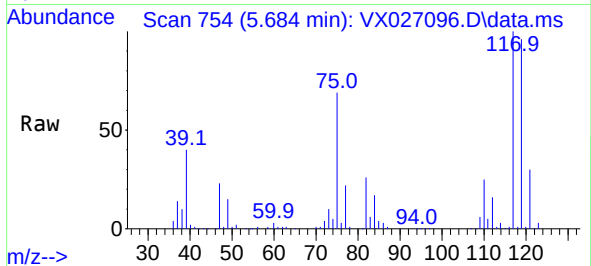
61 42.4 34.6 52.0





#33
Carbon Tetrachloride
Concen: 154.319 ug/l
RT: 5.684 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

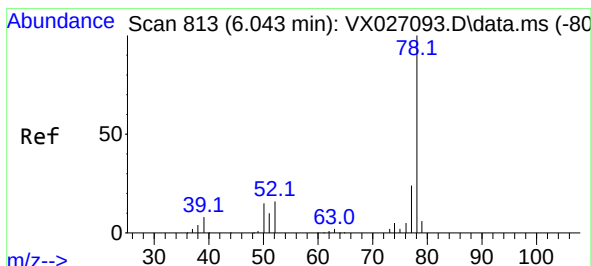
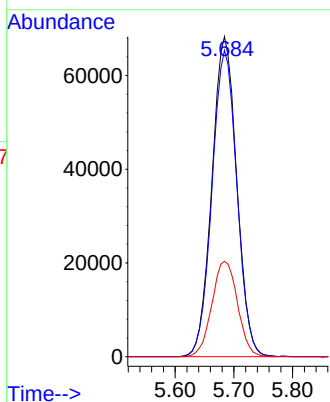
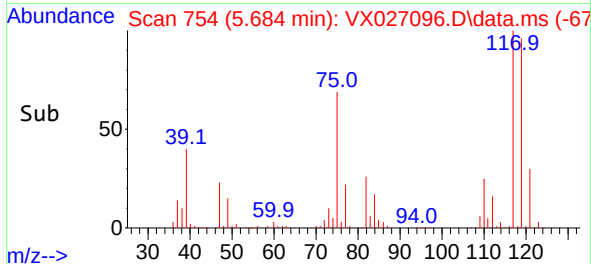
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



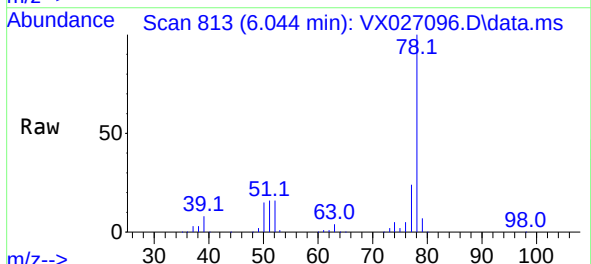
Tgt Ion:117 Resp: 200302
Ion Ratio Lower Upper
117 100
119 95.7 78.1 117.1
121 29.8 24.7 37.1

Manual Integrations
APPROVED

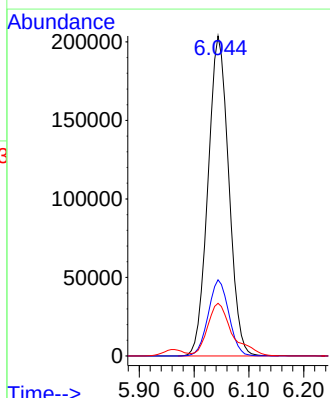
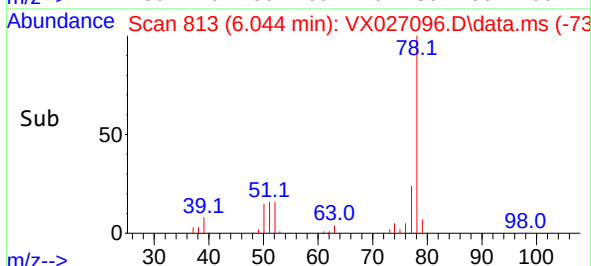
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

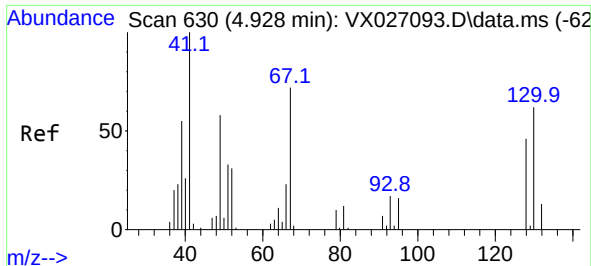


#34
Benzene
Concen: 144.036 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



Tgt Ion: 78 Resp: 534710
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3
51 16.4 13.4 20.2





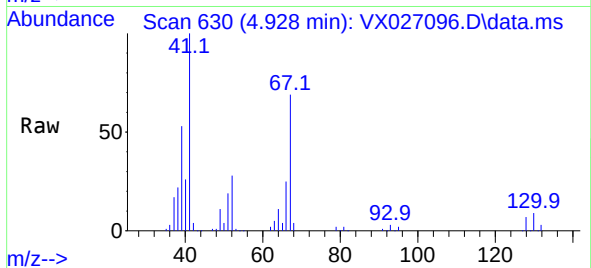
#35
Methacrylonitrile
Concen: 136.285 ug/l
RT: 4.928 min Scan# 611
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



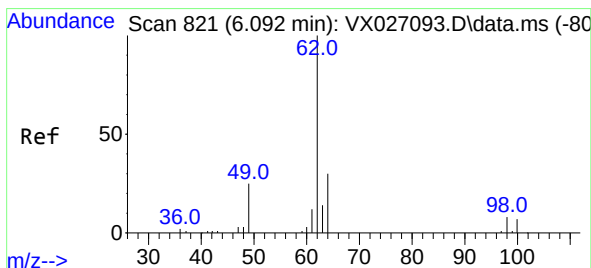
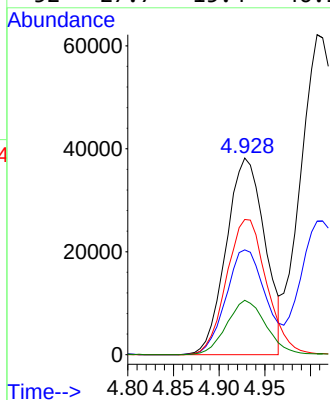
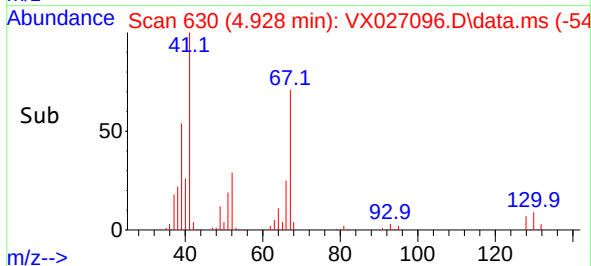
Tgt Ion: 41 Resp: 11256
Ion Ratio Lower Upper
41 100
39 53.3 27.4 82.0
67 68.8 36.1 108.3
52 27.7 15.4 46.1

Manual Integrations

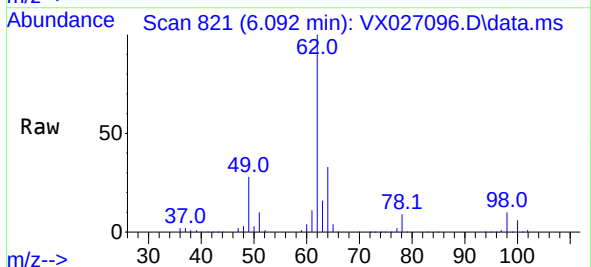
APPROVED

Reviewed By :John Carlone 02/18/2022

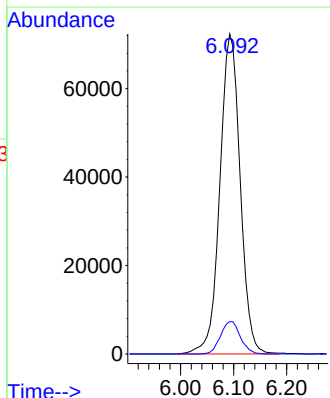
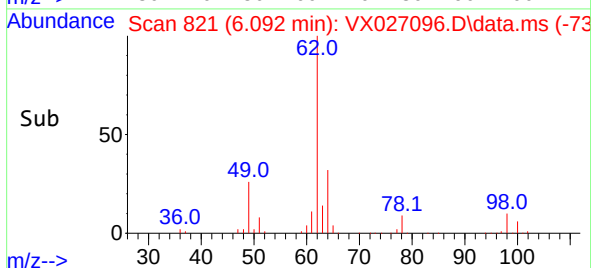
Supervised By :Mahesh Dadoda 02/21/2022

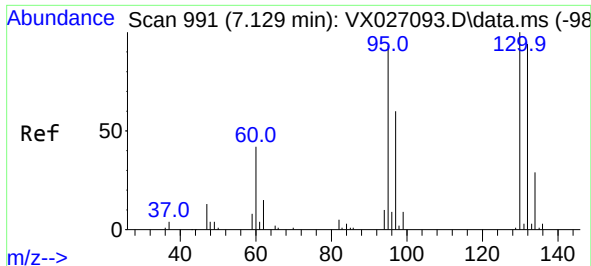


#36
1,2-Dichloroethane
Concen: 136.931 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



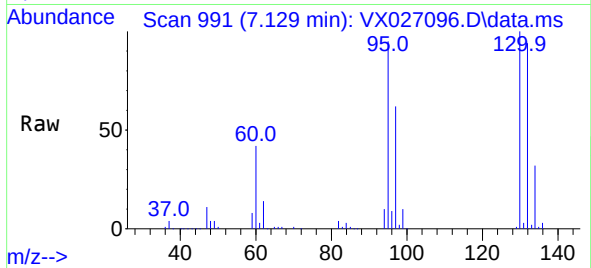
Tgt Ion: 62 Resp: 192353
Ion Ratio Lower Upper
62 100
98 9.9 7.6 11.4





#37
Trichloroethene
Concen: 155.984 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

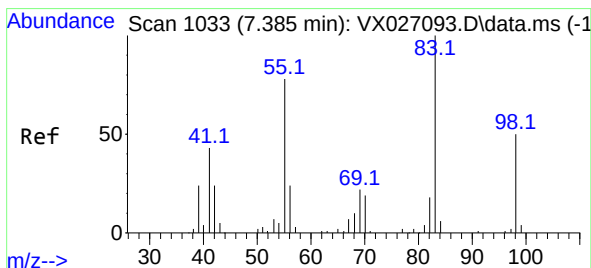
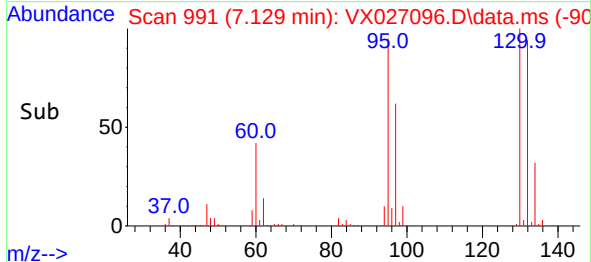
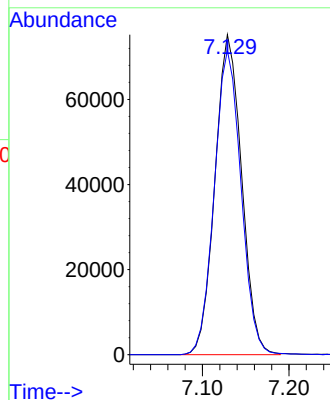
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:130 Resp: 160549
Ion Ratio Lower Upper
130 100
95 95.1 74.7 112.1

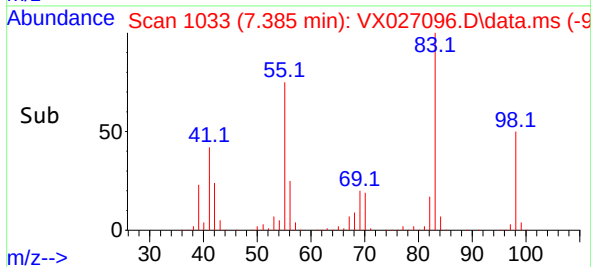
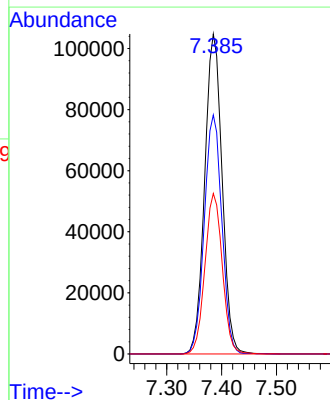
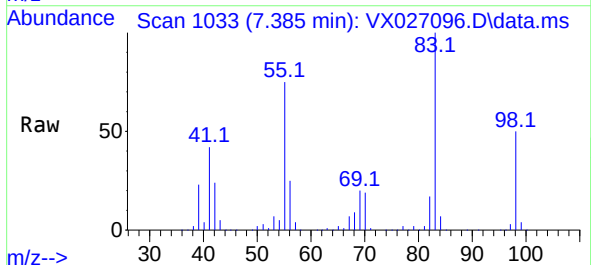
Manual Integrations
APPROVED

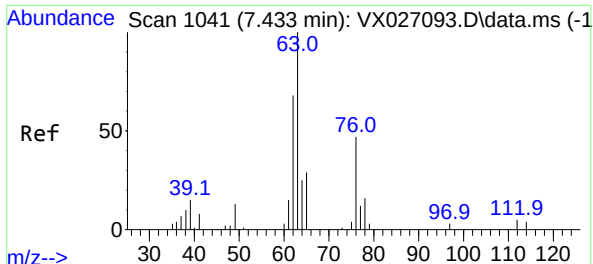
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#38
Methylcyclohexane
Concen: 146.492 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Tgt Ion: 83 Resp: 230537
Ion Ratio Lower Upper
83 100
55 75.2 37.6 112.9
98 50.1 24.6 73.6





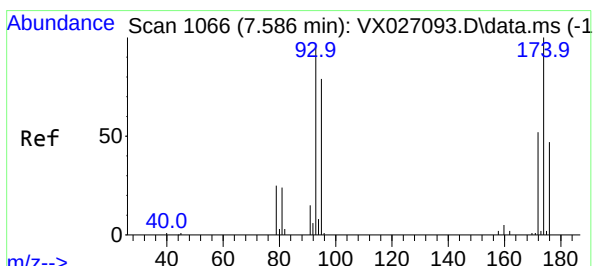
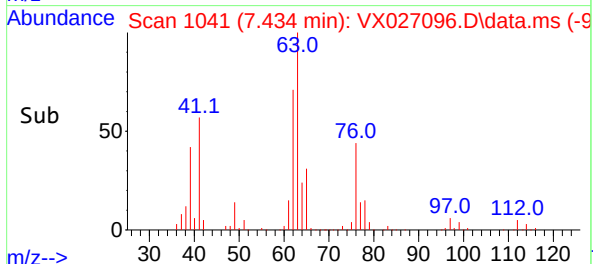
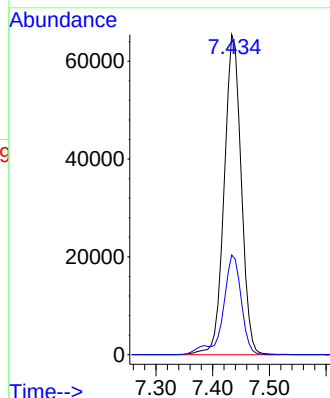
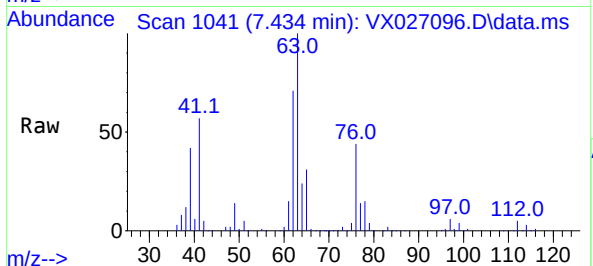
#39
1,2-Dichloropropane
Concen: 141.041 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 136210
Ion Ratio Lower Upper
63 100
65 31.2 24.6 37.0

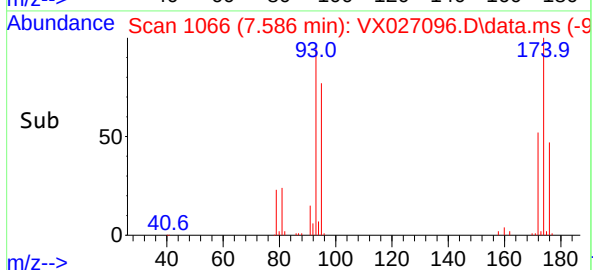
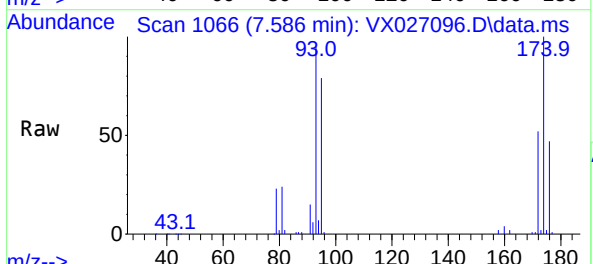
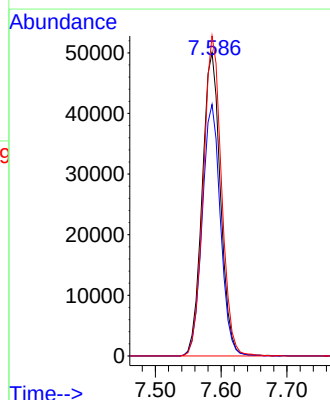
Manual Integrations
APPROVED

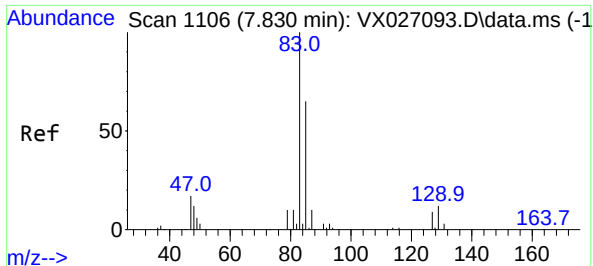
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#40
Dibromomethane
Concen: 140.894 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

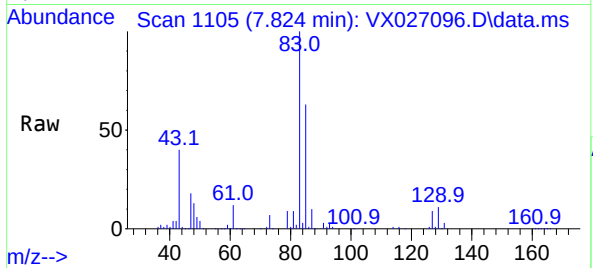
Tgt Ion: 93 Resp: 96539
Ion Ratio Lower Upper
93 100
95 82.9 0.0 166.2
174 104.7 0.0 205.8





#41
Bromodichloromethane
Concen: 149.532 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

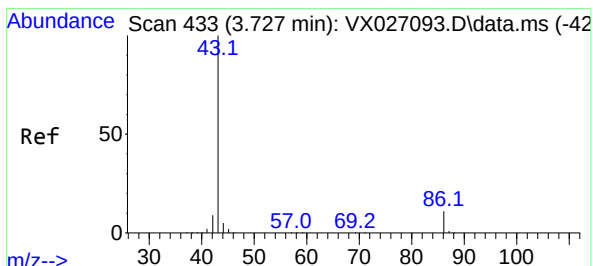
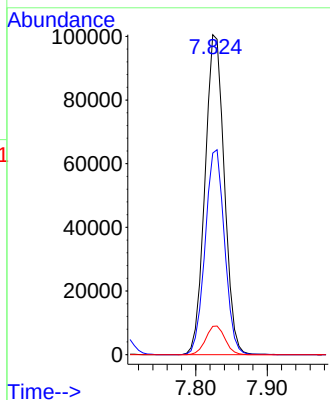
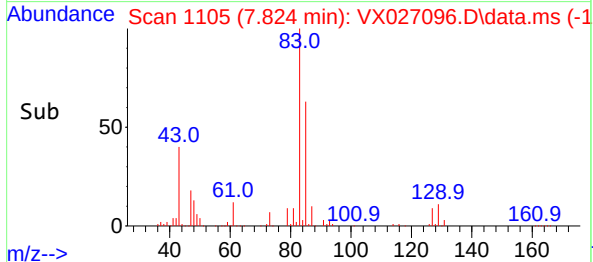
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 188460
Ion Ratio Lower Upper
83 100
85 63.0 51.6 77.4
127 8.8 7.2 10.8

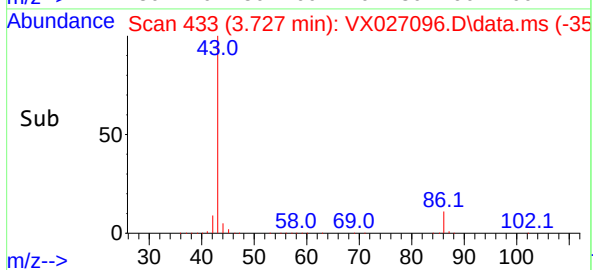
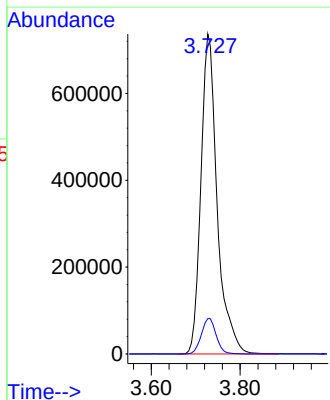
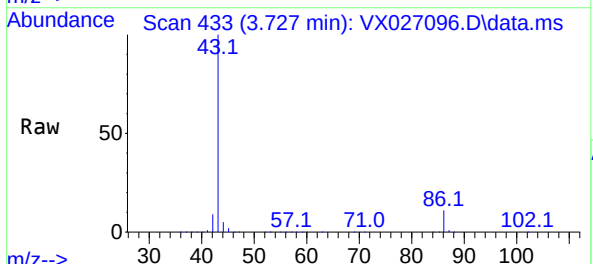
Manual Integrations
APPROVED

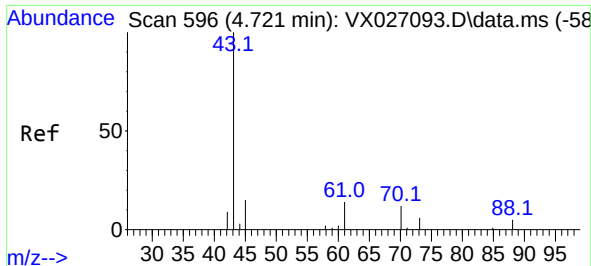
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#42
Vinyl Acetate
Concen: 702.747 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

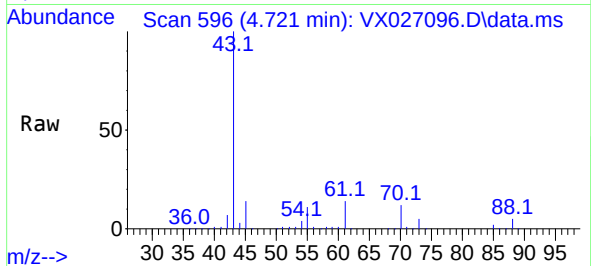
Tgt Ion: 43 Resp: 1875961
Ion Ratio Lower Upper
43 100
86 10.1 7.8 11.6





#43
Ethyl Acetate
Concen: 138.424 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

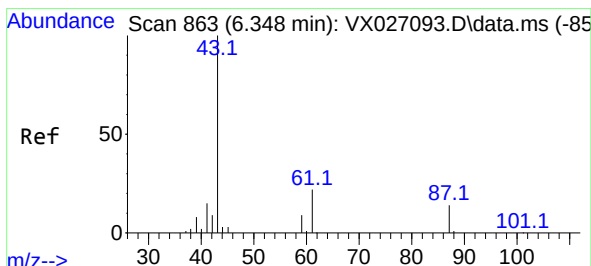
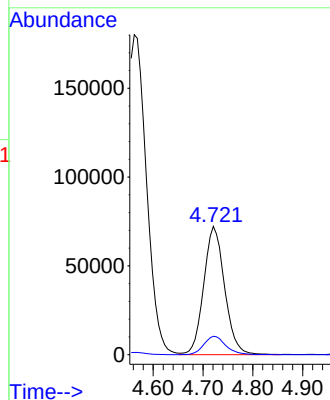
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 21023
Ion Ratio Lower Upper
43 100
45 15.1 12.0 18.0

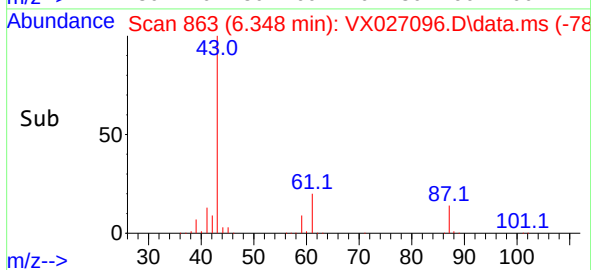
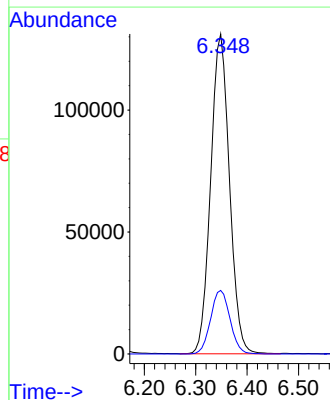
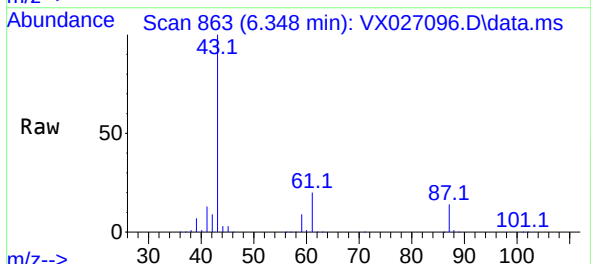
Manual Integrations
APPROVED

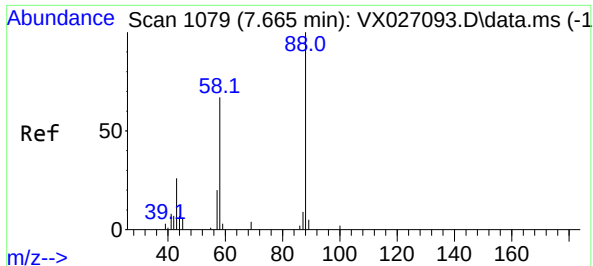
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#44
Isopropyl Acetate
Concen: 138.124 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

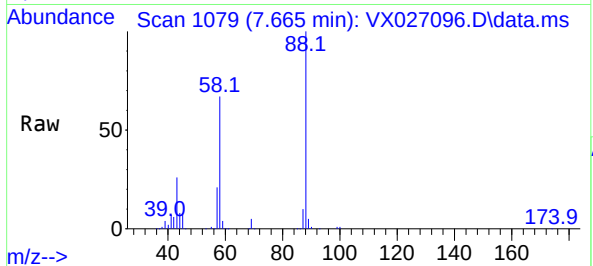
Tgt Ion: 43 Resp: 332421
Ion Ratio Lower Upper
43 100
61 20.5 16.4 24.6





#45
1,4-Dioxane
Concen: 2703.502 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

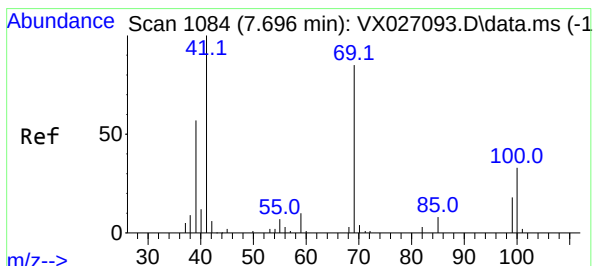
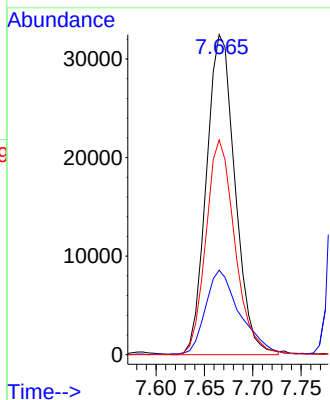
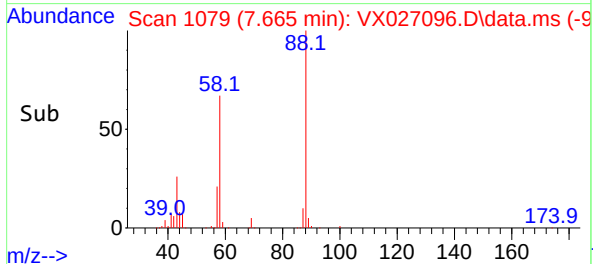
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



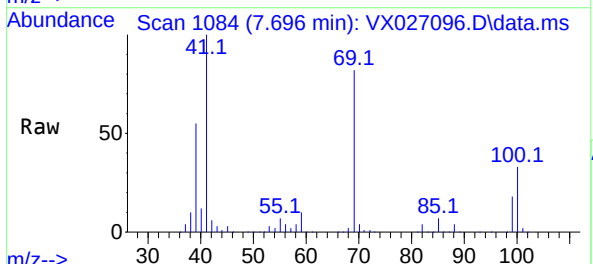
Tgt Ion: 88 Resp: 66850
Ion Ratio Lower Upper
88 100
43 32.0 28.3 42.5
58 68.4 55.4 83.2

Manual Integrations
APPROVED

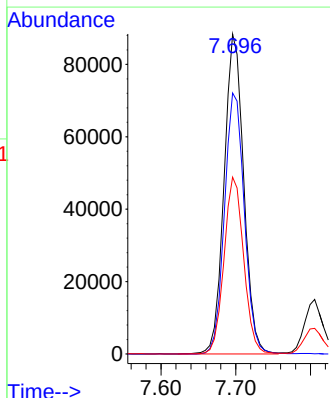
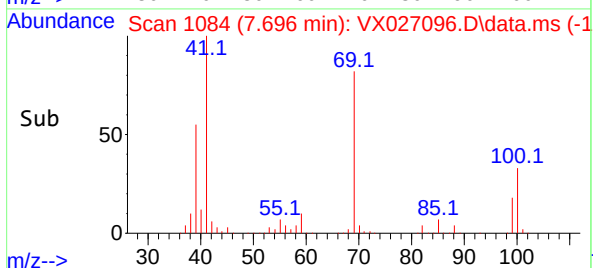
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

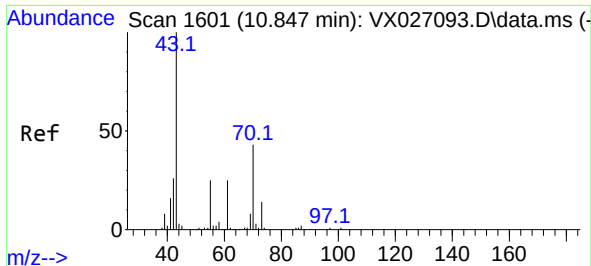


#46
Methyl methacrylate
Concen: 138.617 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



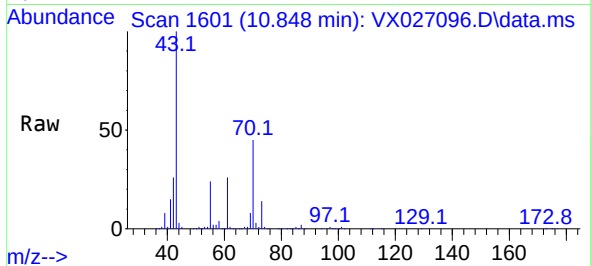
Tgt Ion: 41 Resp: 161530
Ion Ratio Lower Upper
41 100
69 81.5 42.6 127.8
39 55.2 28.4 85.3





#47
n-amy1 Acetate
Concen: 136.503 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

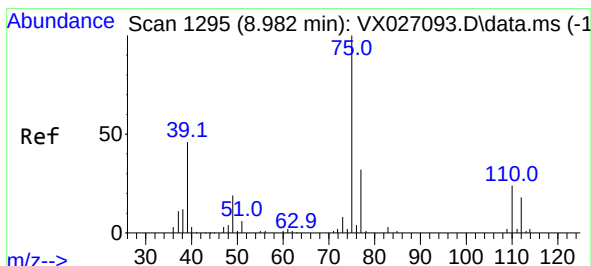
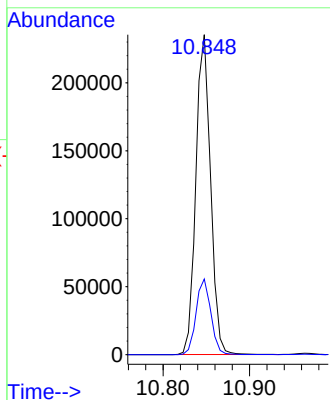
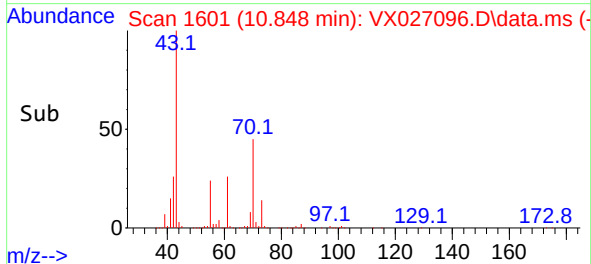
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



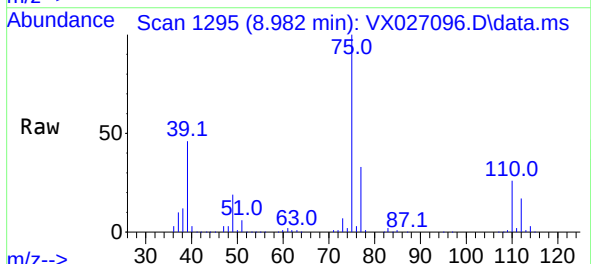
Tgt Ion: 43 Resp: 276375
Ion Ratio Lower Upper
43 100
55 23.9 19.7 29.5

Manual Integrations
APPROVED

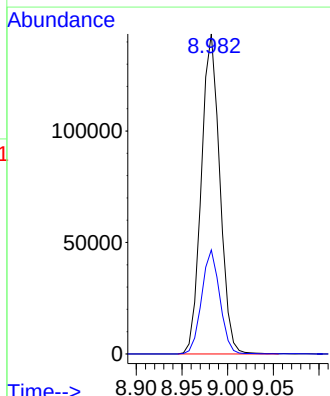
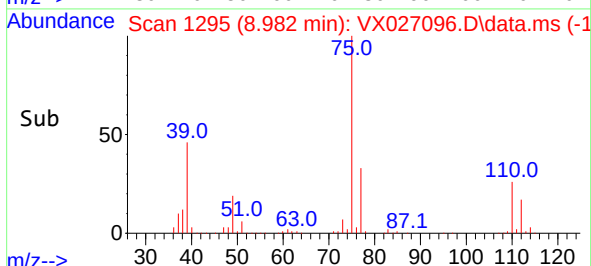
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

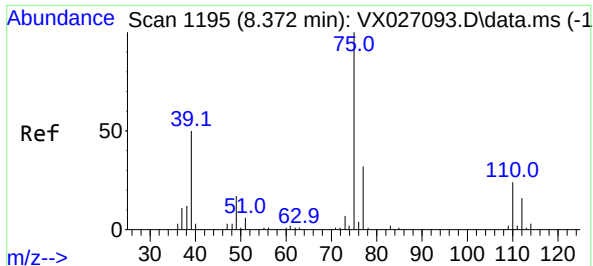


#48
t-1,3-Dichloropropene
Concen: 141.936 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



Tgt Ion: 75 Resp: 201711
Ion Ratio Lower Upper
75 100
77 32.5 25.9 38.9





#49

cis-1,3-Dichloropropene

Concen: 144.239 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX027096.D

Acq: 17 Feb 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 220238

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

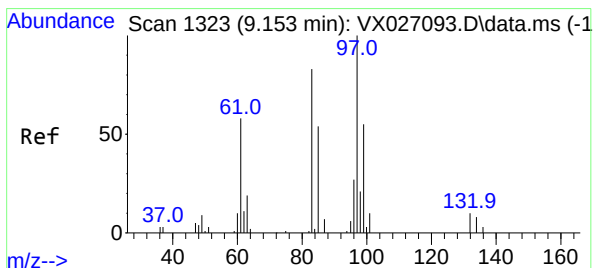
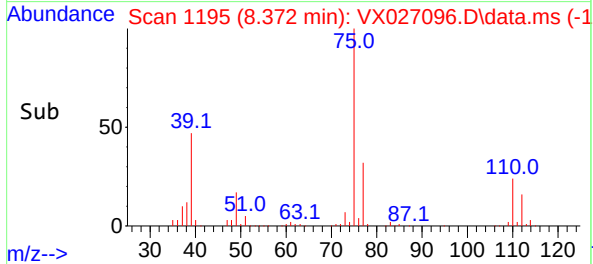
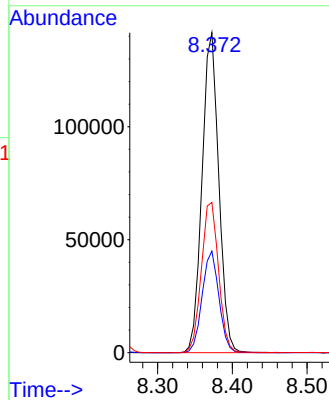
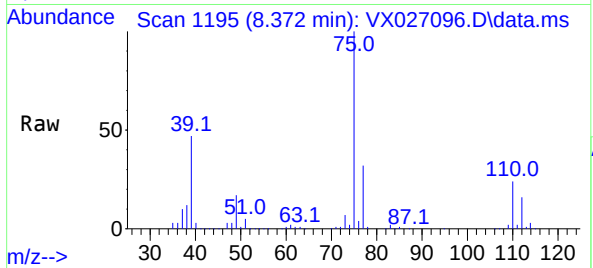
39 46.9 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#50

1,1,2-Trichloroethane

Concen: 132.322 ug/l

RT: 9.159 min Scan# 1324

Delta R.T. 0.006 min

Lab File: VX027096.D

Acq: 17 Feb 2022 23:31

Tgt Ion: 97 Resp: 131350

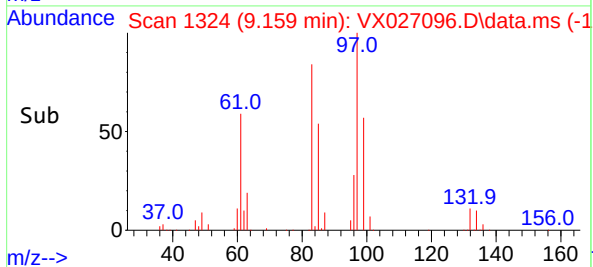
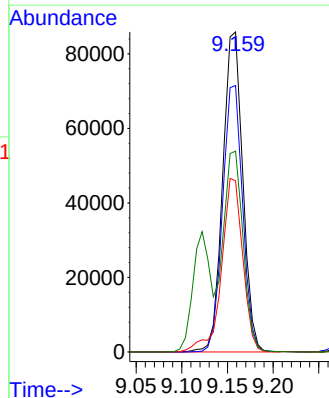
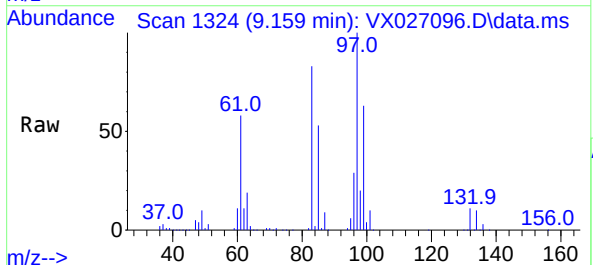
Ion Ratio Lower Upper

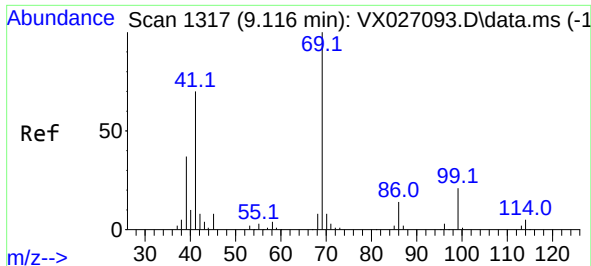
97 100

83 83.2 66.5 99.7

85 53.3 43.8 65.8

99 62.7 49.3 73.9





#51
Ethyl methacrylate
Concen: 139.595 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

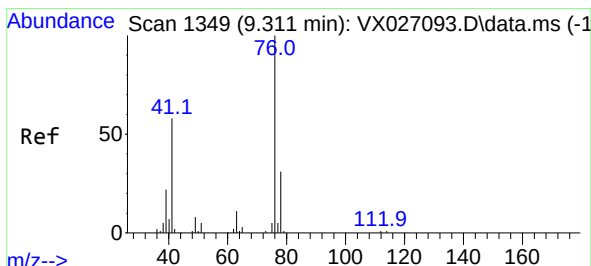
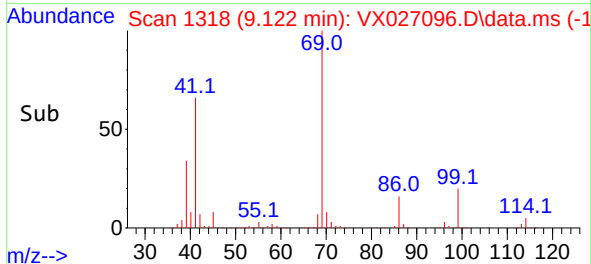
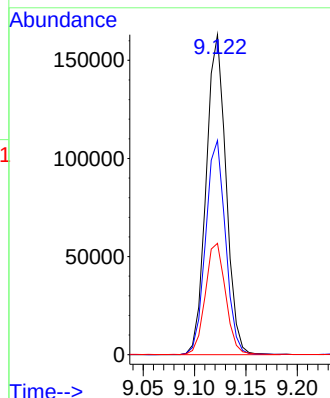
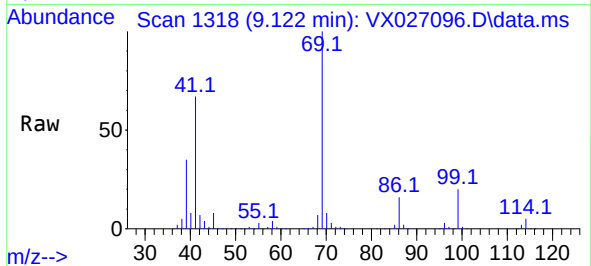
VSTDICC150

Tgt Ion: 69 Resp: 21909
Ion Ratio Lower Upper
69 100
41 66.9 34.8 104.3
39 34.8 18.5 55.5

Manual Integrations

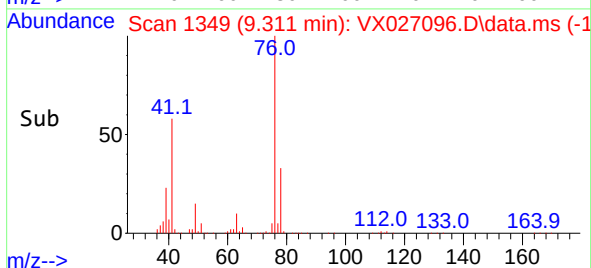
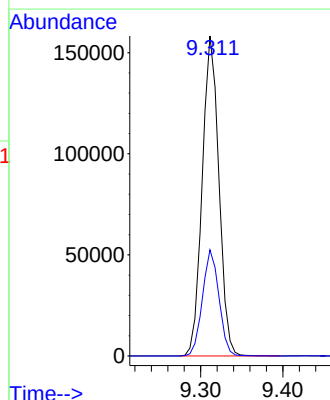
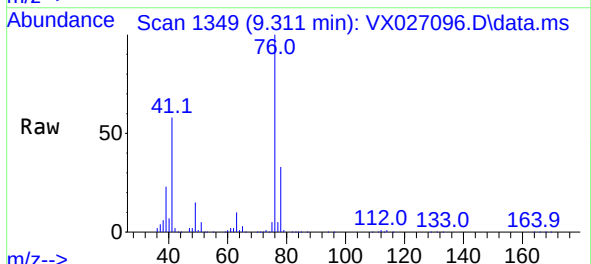
APPROVED

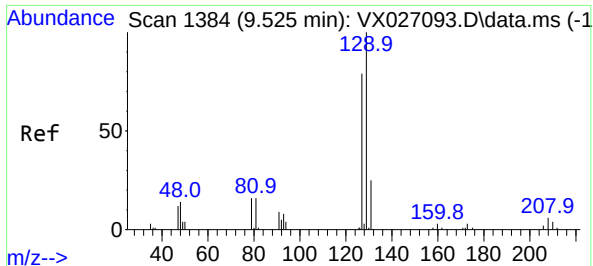
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#52
1,3-Dichloropropane
Concen: 136.584 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

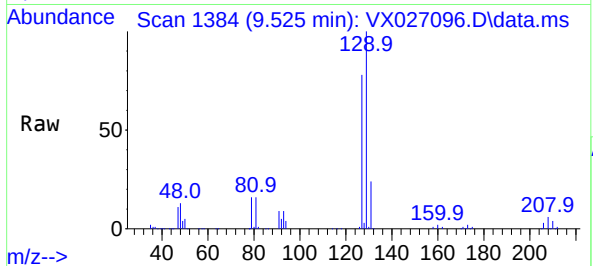
Tgt Ion: 76 Resp: 222843
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.2





#53
Dibromochloromethane
Concen: 147.204 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

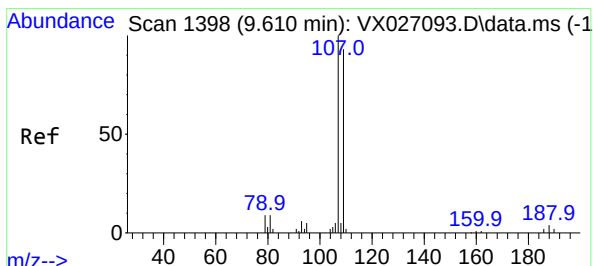
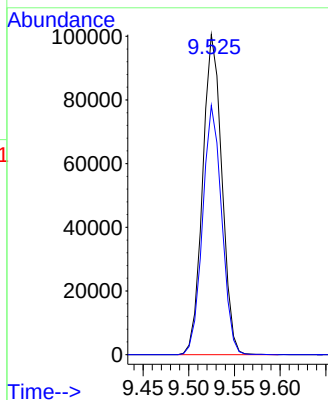
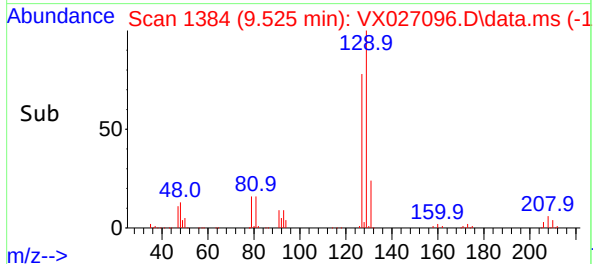
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



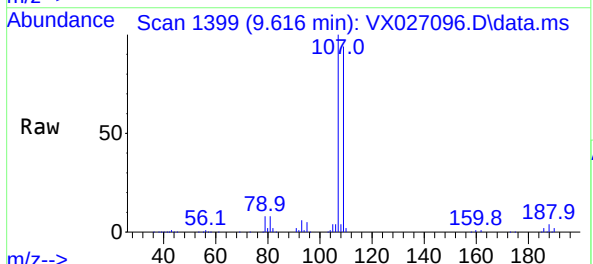
Tgt Ion:129 Resp: 147339
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2

Manual Integrations
APPROVED

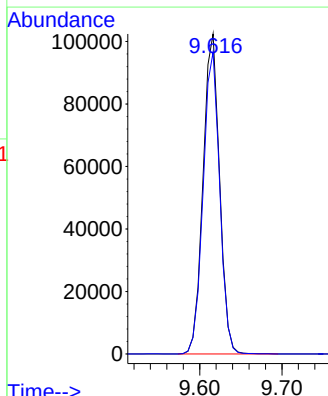
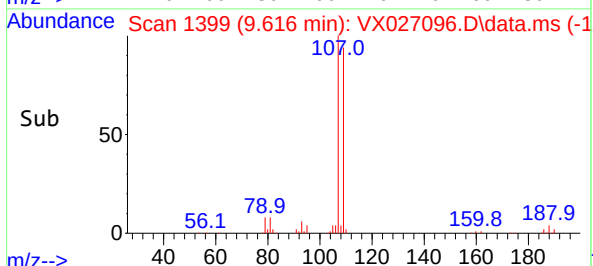
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

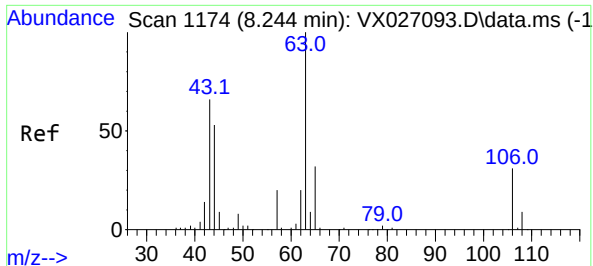


#54
1,2-Dibromoethane
Concen: 136.998 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



Tgt Ion:107 Resp: 142795
Ion Ratio Lower Upper
107 100
109 94.4 75.5 113.3





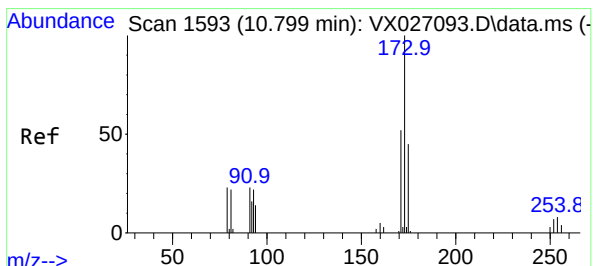
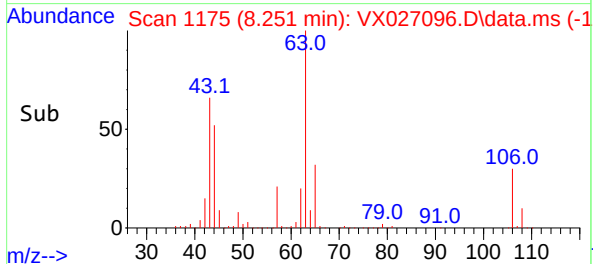
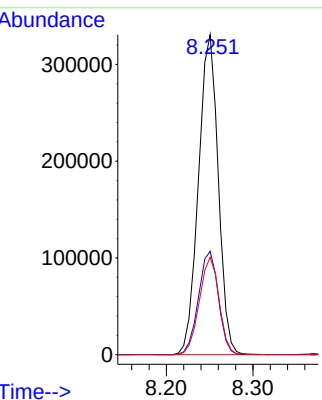
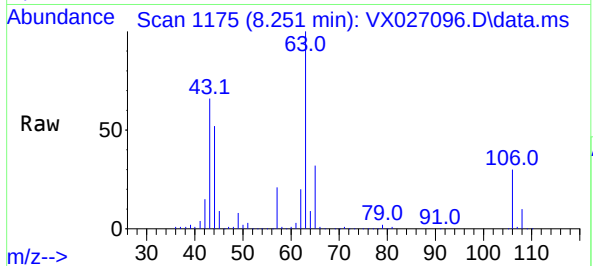
#55
2-Chloroethyl vinyl ether
Concen: 693.288 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 524572
Ion Ratio Lower Upper
63 100
65 32.5 25.9 38.9
106 30.4 24.2 36.4

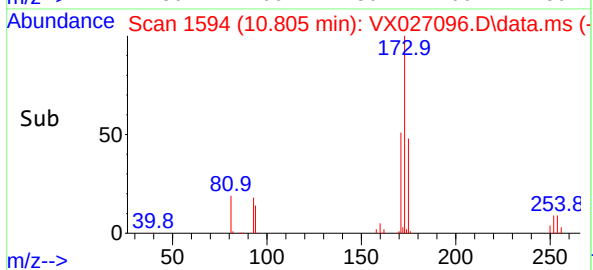
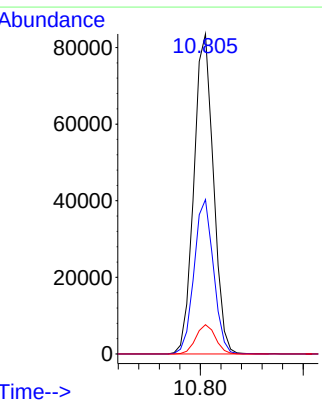
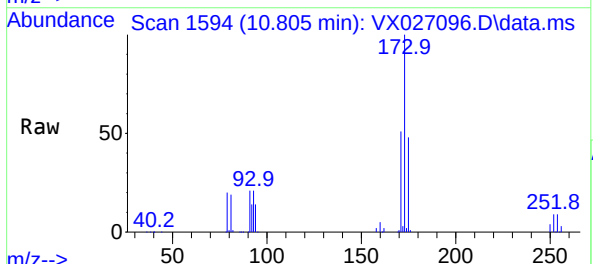
Manual Integrations
APPROVED

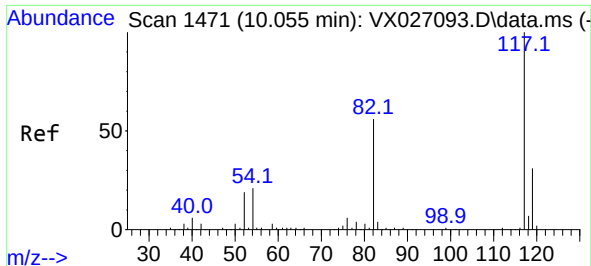
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#56
Bromoform
Concen: 155.607 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Tgt Ion:173 Resp: 110462
Ion Ratio Lower Upper
173 100
175 48.0 38.5 57.7
254 9.2 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

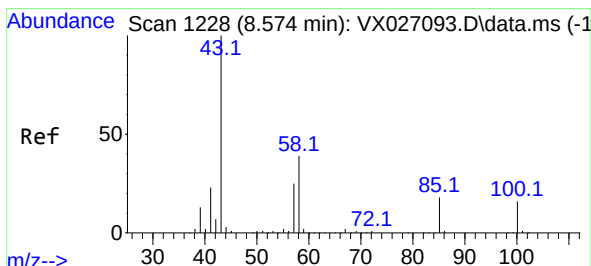
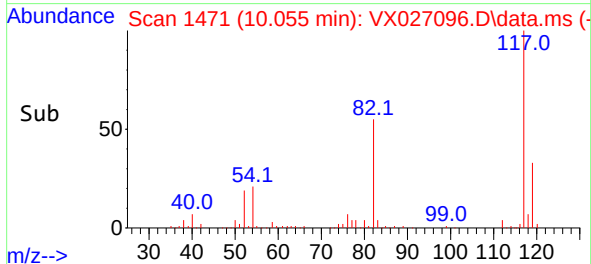
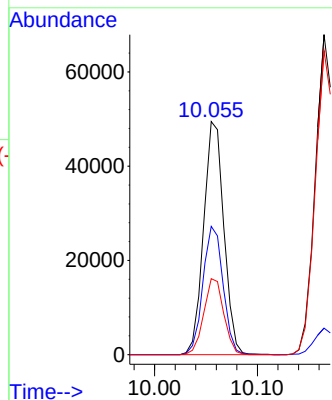
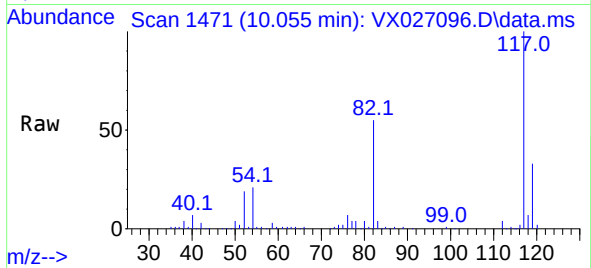
VSTDIC150

Tgt Ion:117 Resp: 67839
Ion Ratio Lower Upper
117 100
82 54.8 44.1 66.1
119 32.2 25.4 38.0

Manual Integrations

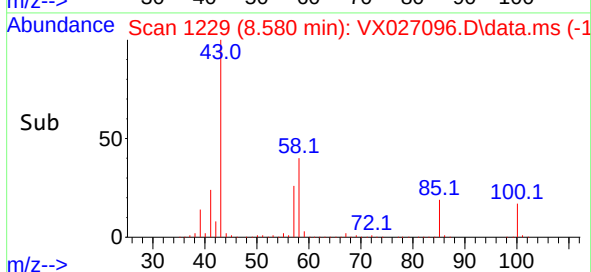
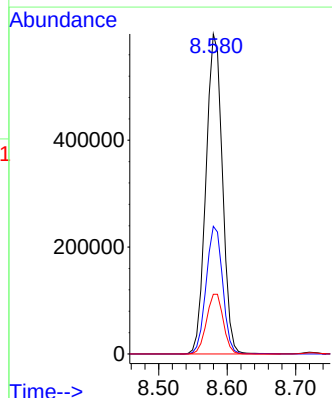
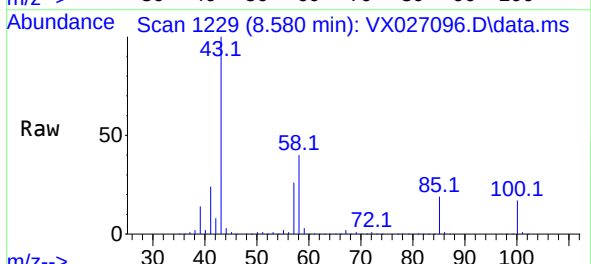
APPROVED

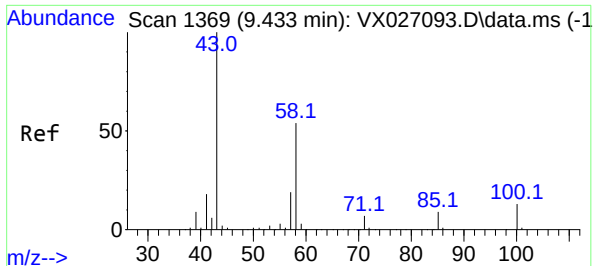
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#58
4-Methyl-2-Pentanone
Concen: 684.253 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Tgt Ion: 43 Resp: 1002615
Ion Ratio Lower Upper
43 100
58 39.9 31.2 46.8
85 19.0 14.8 22.2





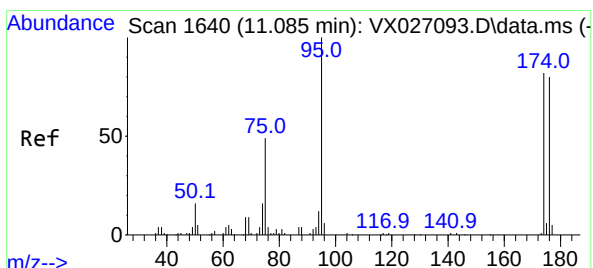
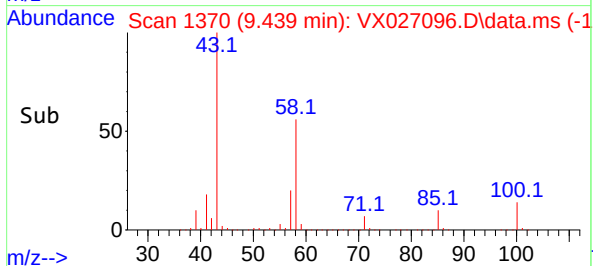
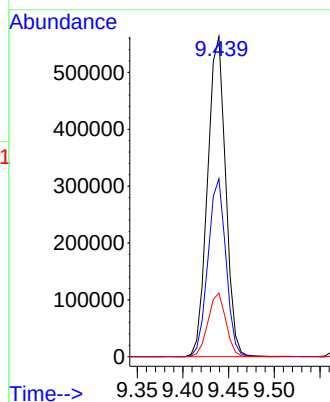
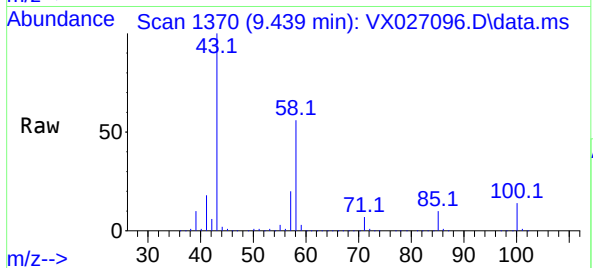
#59
2-Hexanone
Concen: 685.662 ug/l
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 772412
Ion Ratio Lower Upper
43 100
58 55.1 43.4 65.2
57 19.7 15.4 23.2

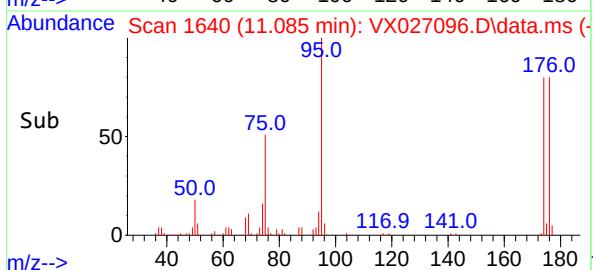
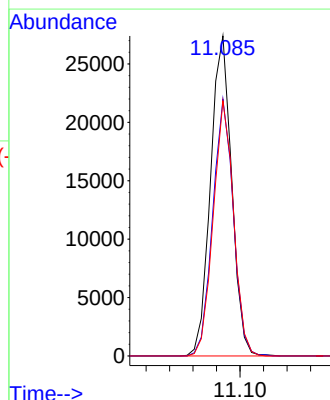
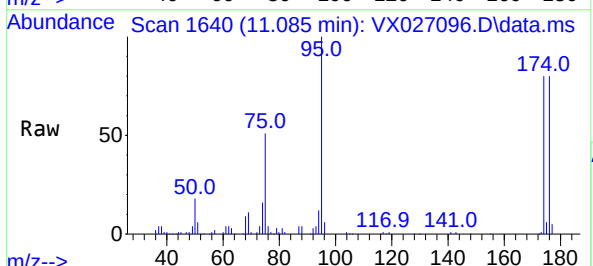
Manual Integrations
APPROVED

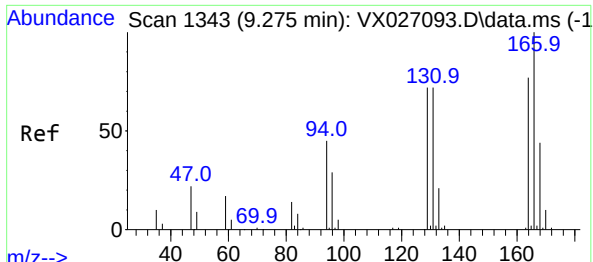
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#60
4-Bromofluorobenzene
Concen: 30.581 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

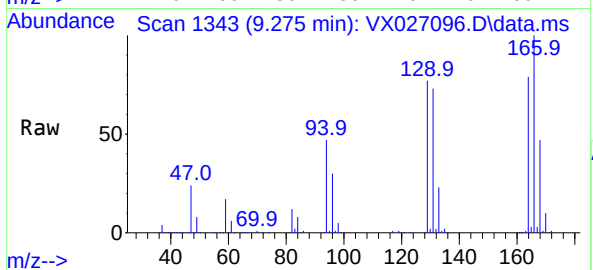
Tgt Ion: 95 Resp: 34126
Ion Ratio Lower Upper
95 100
174 78.3 61.8 92.8
176 76.9 59.4 89.2





#61
Tetrachloroethene
Concen: 162.542 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

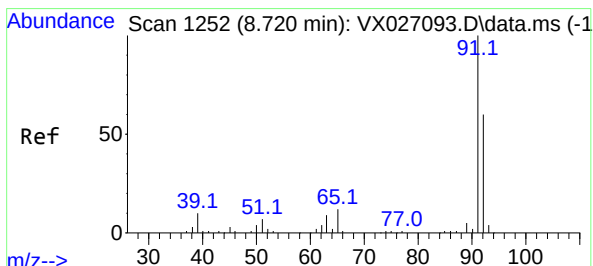
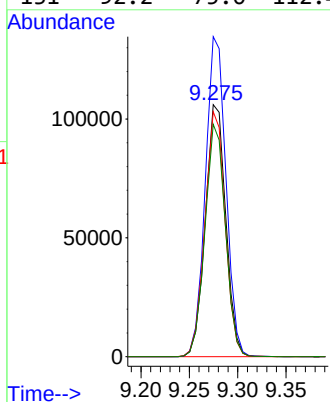
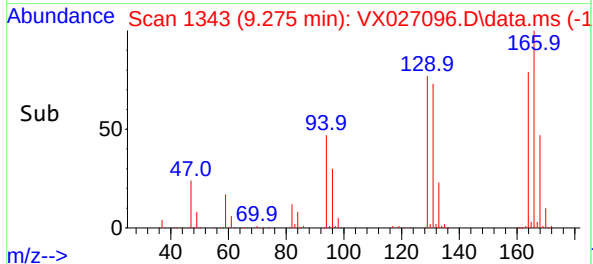
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



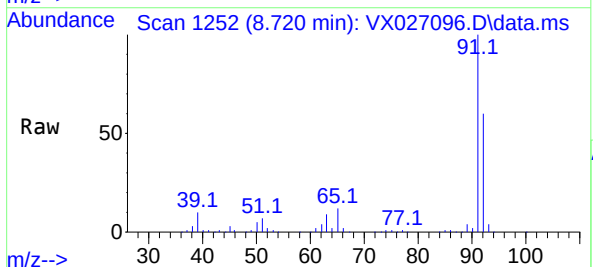
Tgt Ion:164 Resp: 15652
Ion Ratio Lower Upper
164 100
166 127.0 104.6 156.8
129 97.2 75.6 113.4
131 92.2 75.0 112.4

Manual Integrations
APPROVED

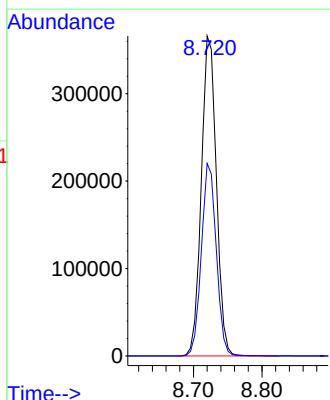
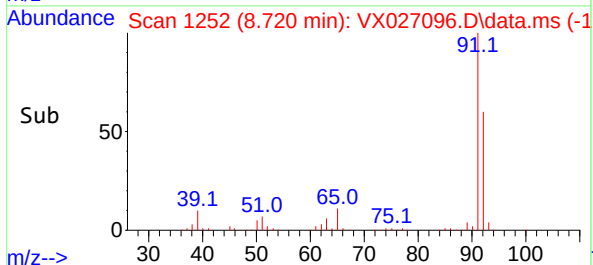
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

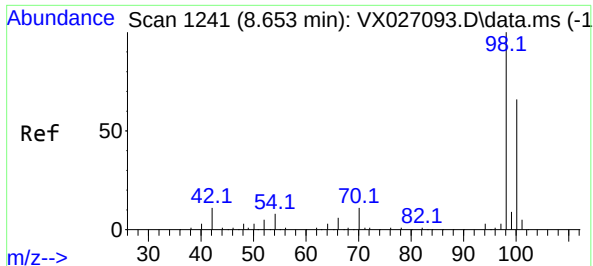


#62
Toluene
Concen: 144.150 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



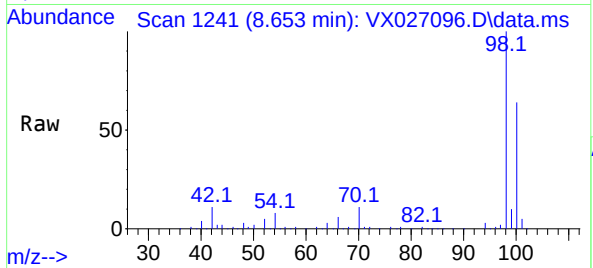
Tgt Ion: 91 Resp: 559964
Ion Ratio Lower Upper
91 100
92 59.6 47.0 70.6





#63
Toluene-d8
Concen: 29.467 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

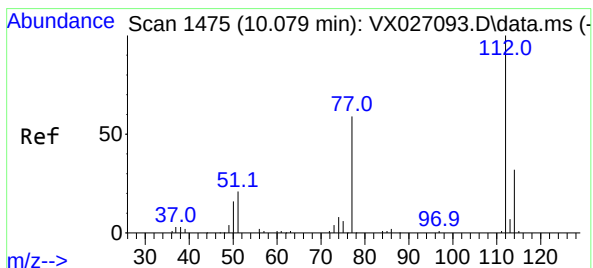
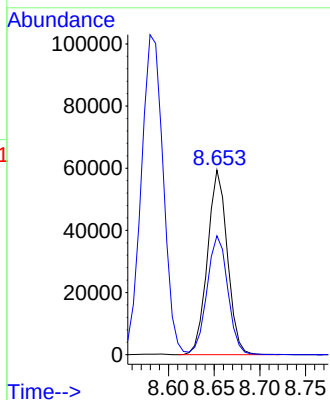
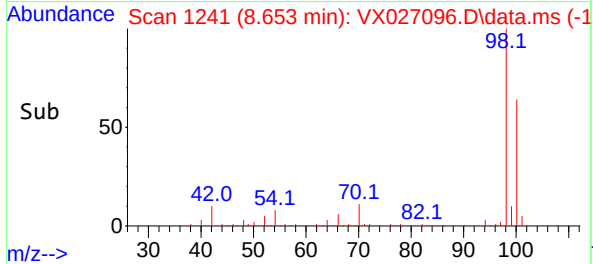
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



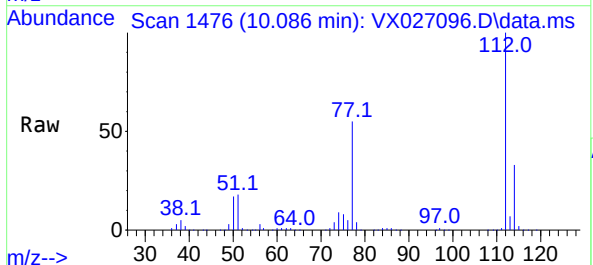
Tgt Ion: 98 Resp: 89792
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8

Manual Integrations
APPROVED

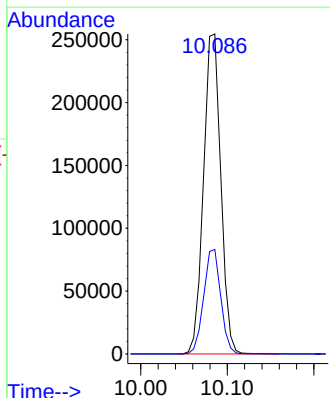
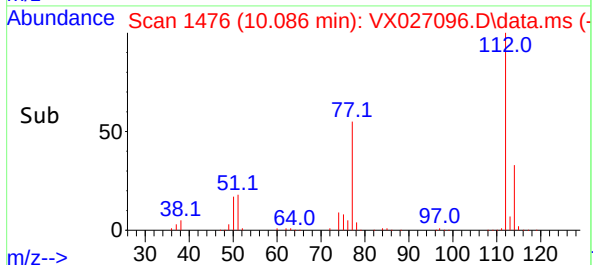
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

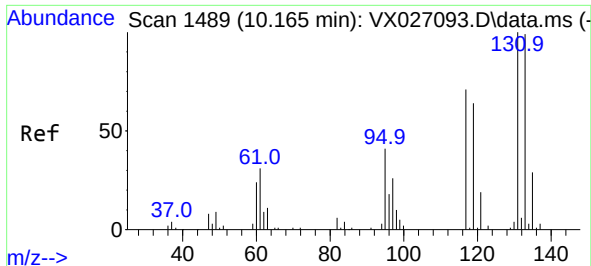


#64
Chlorobenzene
Concen: 144.901 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



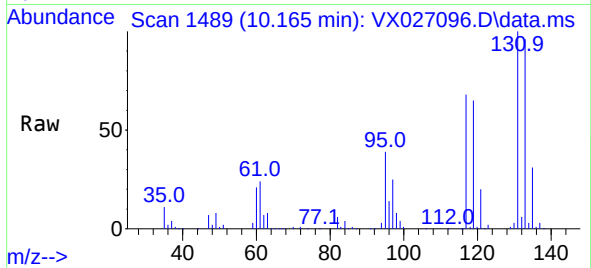
Tgt Ion:112 Resp: 353539
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 150.339 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

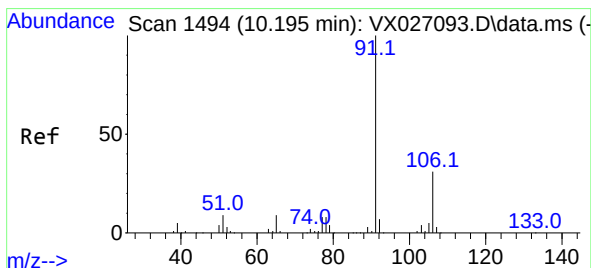
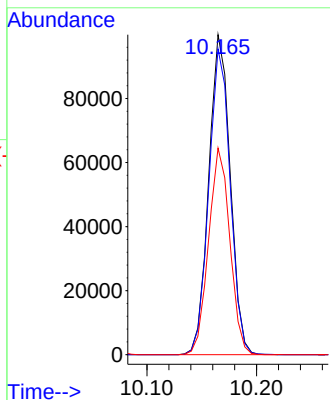
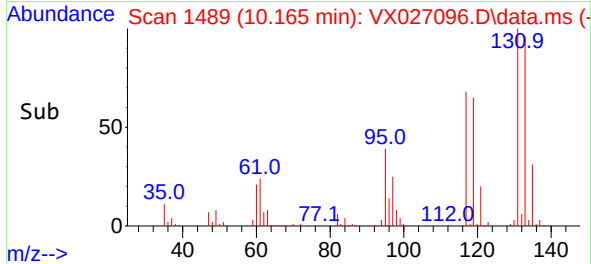
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



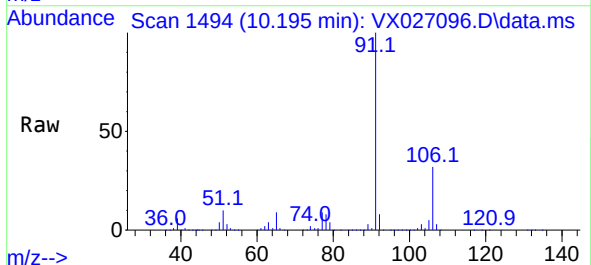
Tgt Ion:131 Resp: 135898
Ion Ratio Lower Upper
131 100
133 95.2 0.0 193.6
119 64.0 0.0 129.4

Manual Integrations
APPROVED

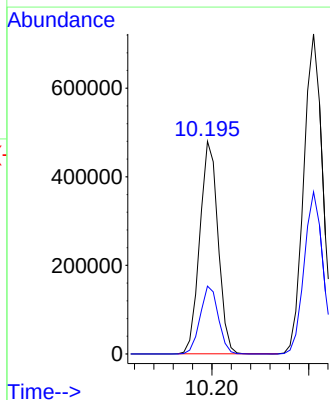
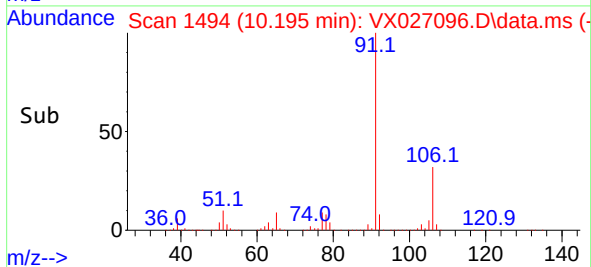
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

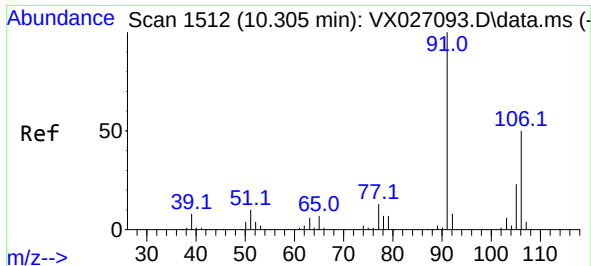


#66
Ethyl Benzene
Concen: 146.053 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



Tgt Ion: 91 Resp: 629516
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.4





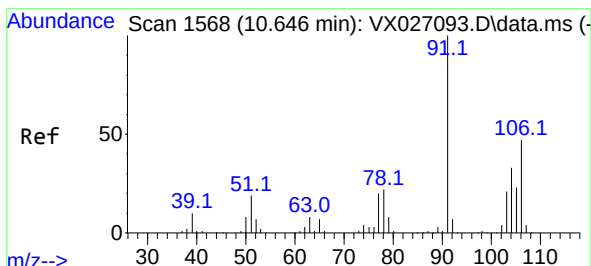
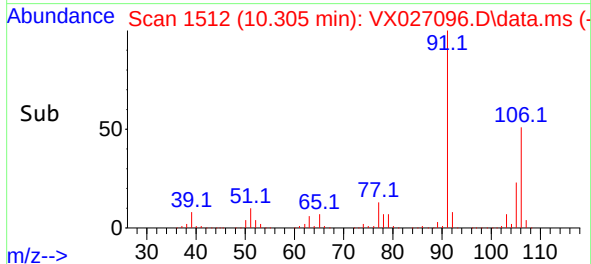
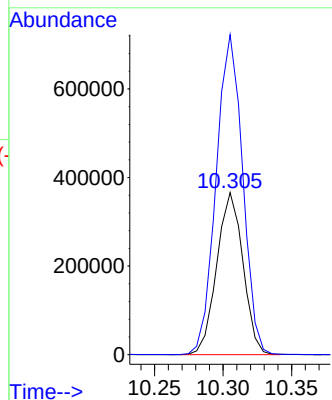
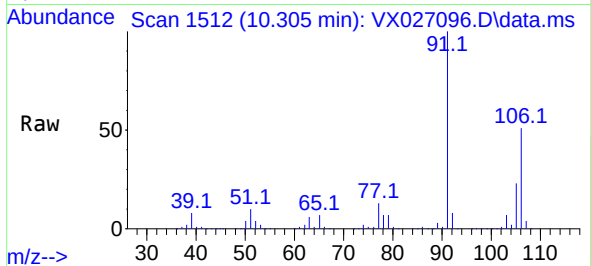
#67
m/p-Xylenes
Concen: 292.151 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 486430
Ion Ratio Lower Upper
106 100
91 200.1 162.4 243.6

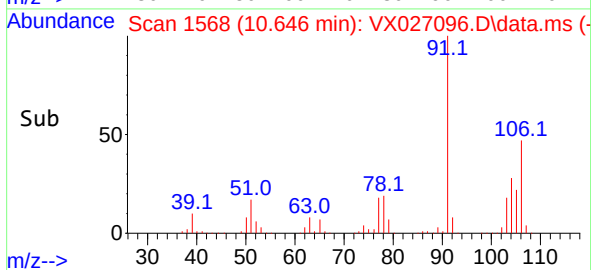
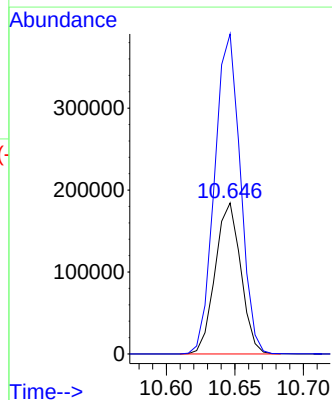
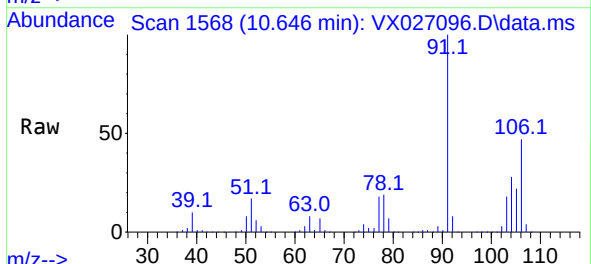
Manual Integrations
APPROVED

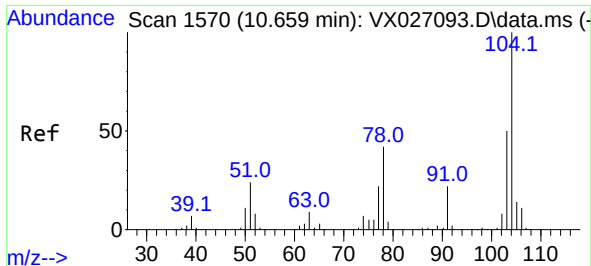
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#68
o-Xylene
Concen: 145.982 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Tgt Ion:106 Resp: 239660
Ion Ratio Lower Upper
106 100
91 212.8 104.9 314.7





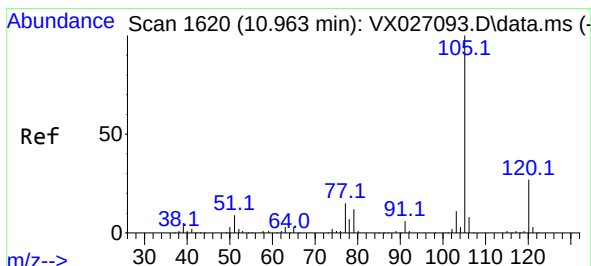
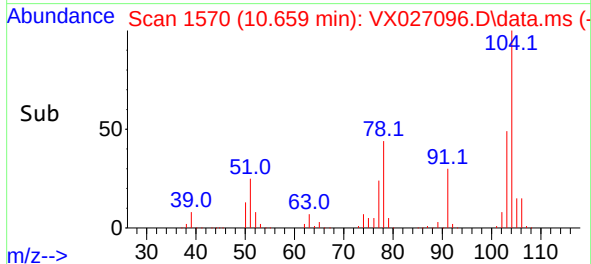
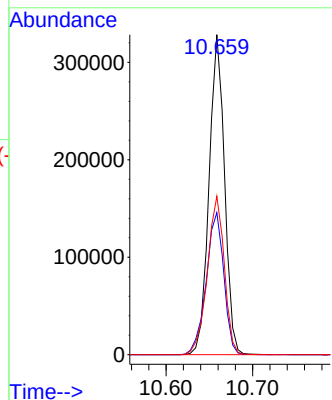
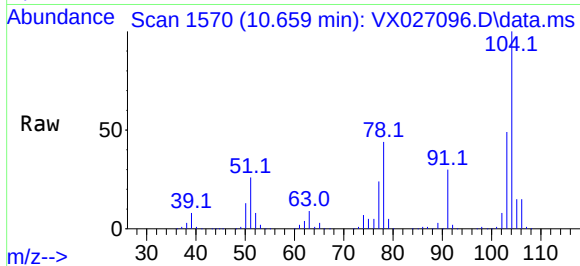
#69
Styrene
Concen: 150.543 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:104 Resp: 408054
Ion Ratio Lower Upper
104 100
78 50.6 40.0 60.0
103 54.4 43.6 65.4

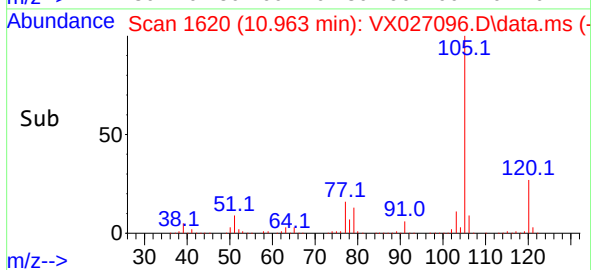
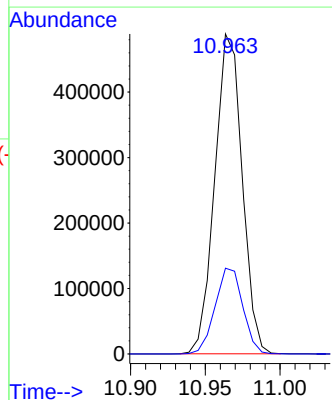
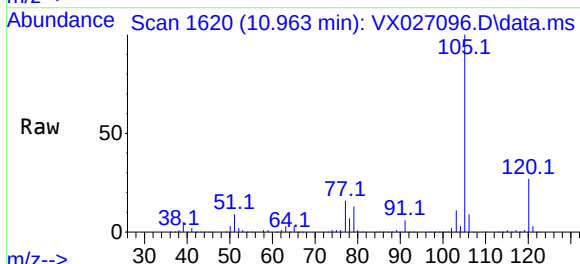
Manual Integrations
APPROVED

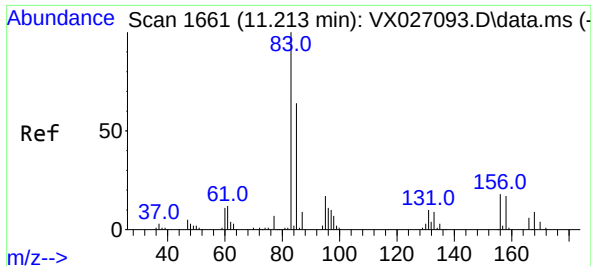
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#70
Isopropylbenzene
Concen: 144.048 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Tgt Ion:105 Resp: 622128
Ion Ratio Lower Upper
105 100
120 27.2 18.7 34.7





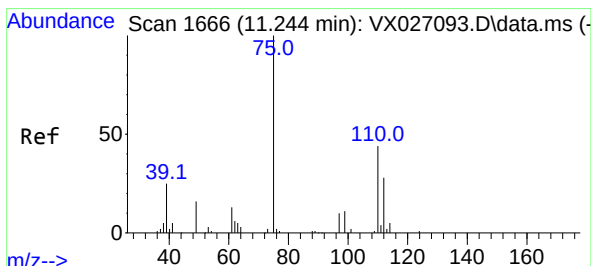
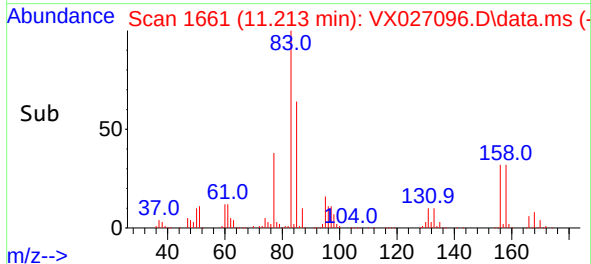
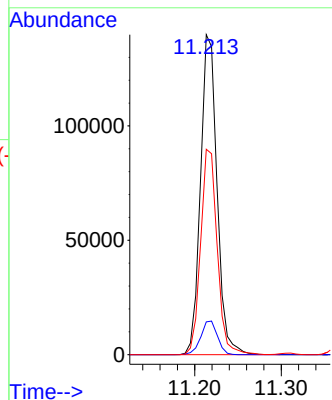
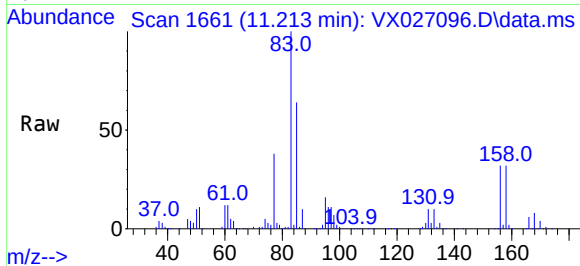
#71
1,1,2,2-Tetrachloroethane
Concen: 137.529 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 18548
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 64.5 32.2 96.6

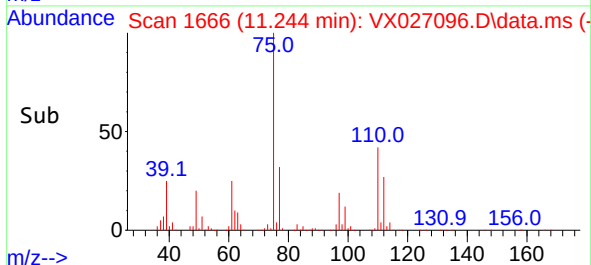
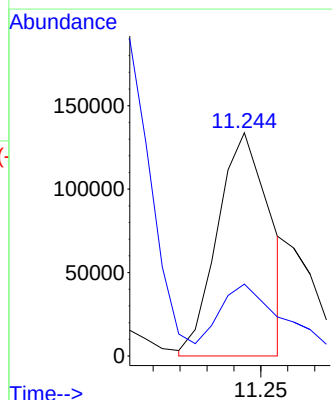
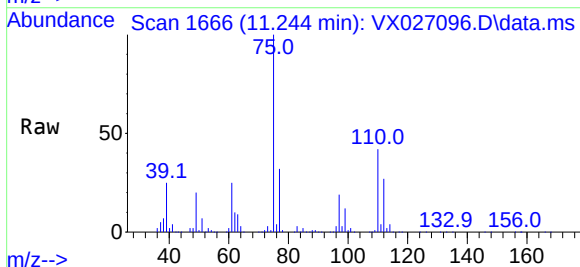
Manual Integrations
APPROVED

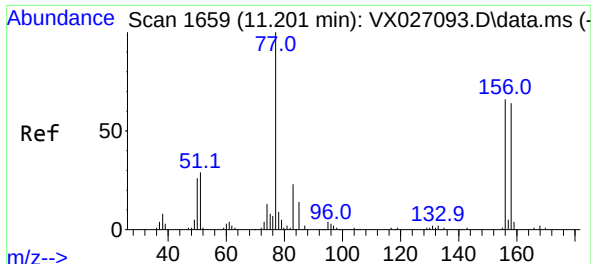
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#72
1,2,3-Trichloropropane
Concen: 141.368 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

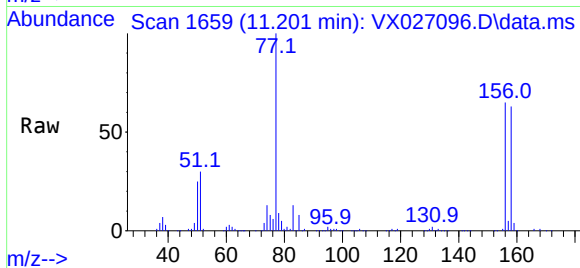
Tgt Ion: 75 Resp: 179950
Ion Ratio Lower Upper
75 100
77 40.8 0.0 74.0





#73
Bromobenzene
Concen: 149.742 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

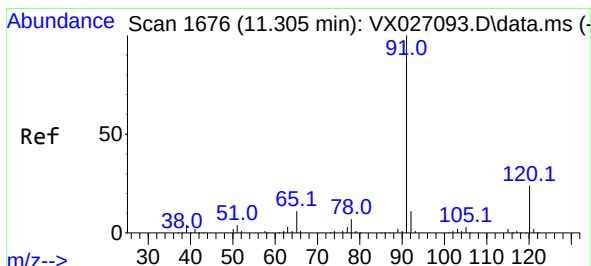
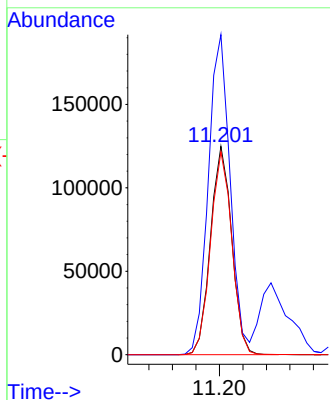
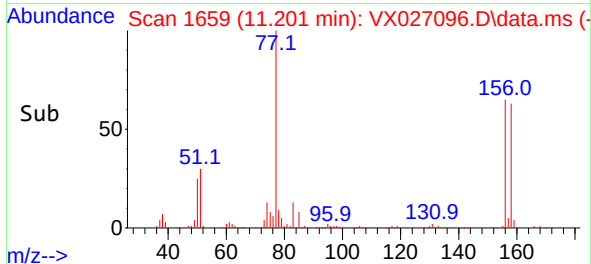
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



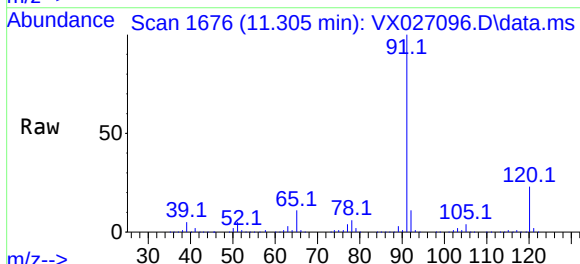
Tgt Ion:156 Resp: 157160
Ion Ratio Lower Upper
156 100
77 157.1 0.0 318.0
158 97.2 0.0 191.8

Manual Integrations
APPROVED

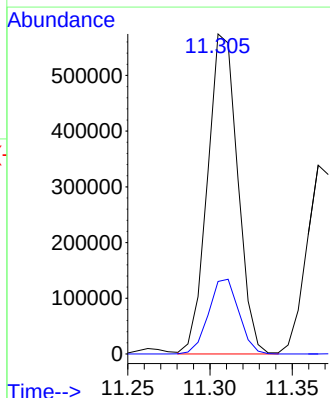
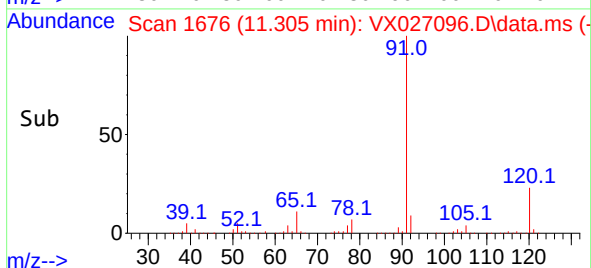
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

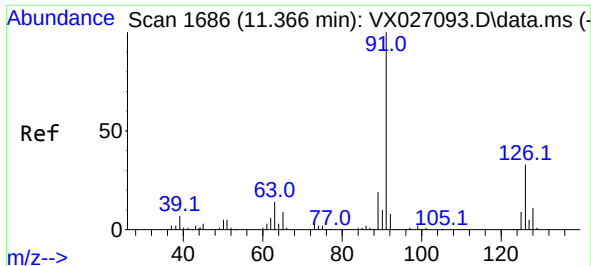


#74
n-propylbenzene
Concen: 147.773 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



Tgt Ion: 91 Resp: 734917
Ion Ratio Lower Upper
91 100
120 23.4 0.0 46.4





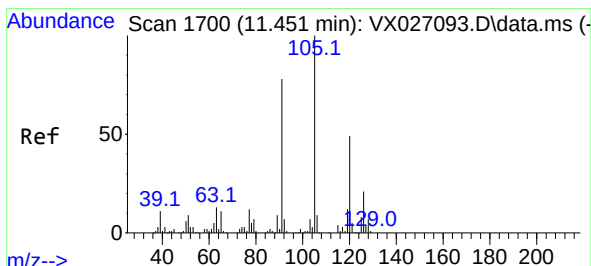
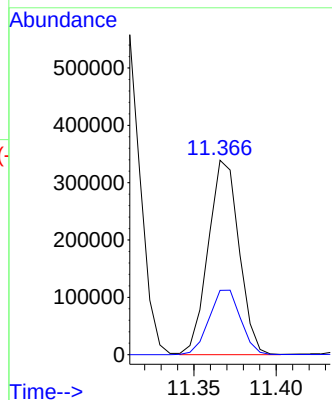
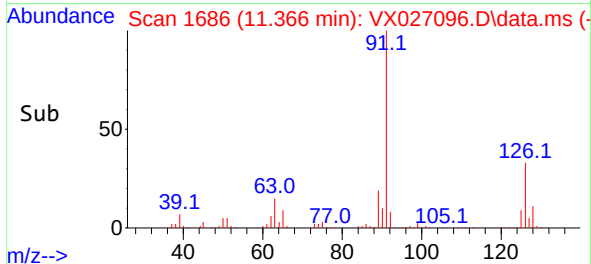
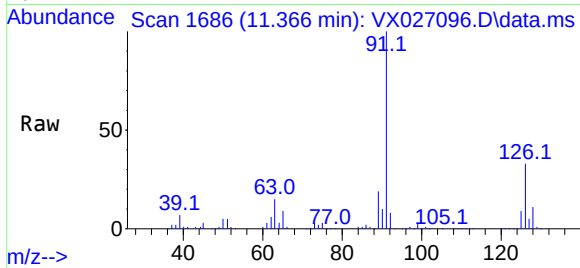
#75
2-Chlorotoluene
Concen: 147.678 ug/l
RT: 11.366 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 442164
Ion Ratio Lower Upper
91 100
126 33.9 0.0 66.2

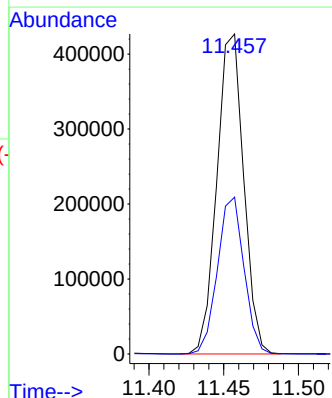
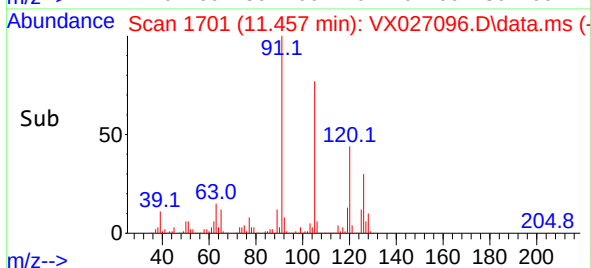
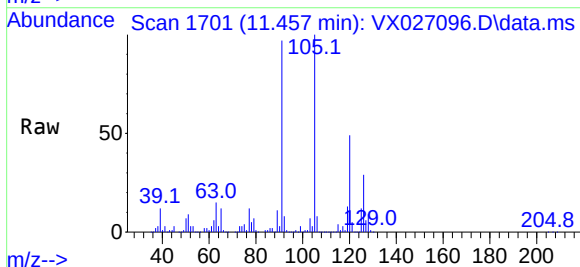
Manual Integrations
APPROVED

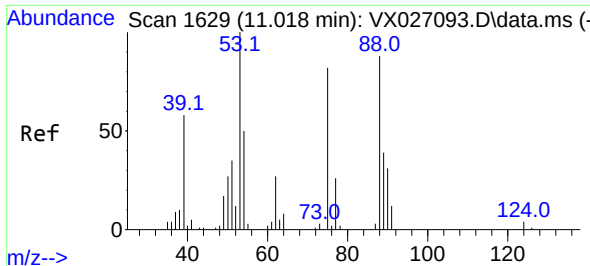
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#76
1,3,5-Trimethylbenzene
Concen: 148.870 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Tgt Ion:105 Resp: 532754
Ion Ratio Lower Upper
105 100
120 48.5 0.0 98.0





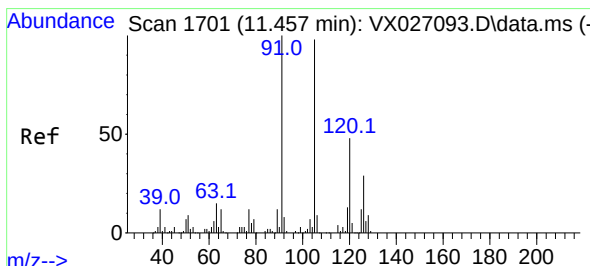
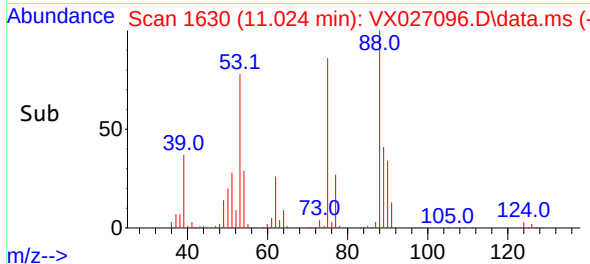
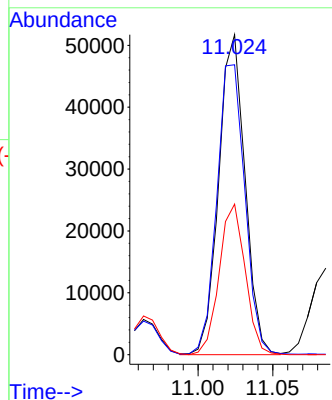
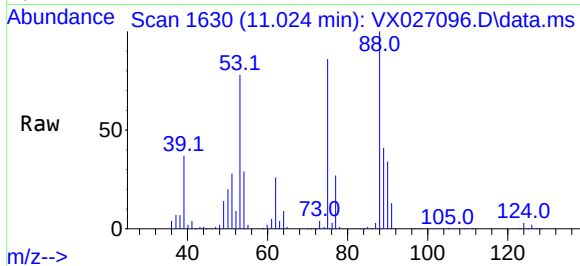
#77
t-1,4-Dichloro-2-butene
Concen: 144.587 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 6337
Ion Ratio Lower Upper
75 100
53 90.6 60.8 182.3
89 47.0 23.8 71.2

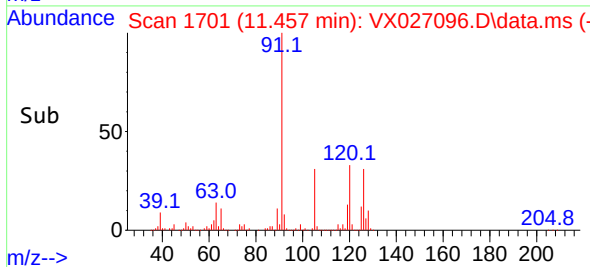
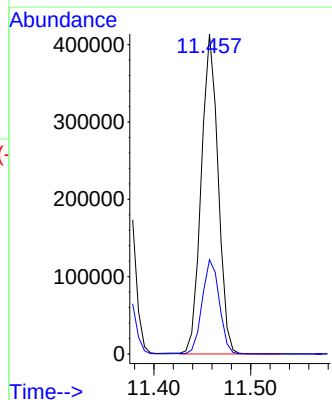
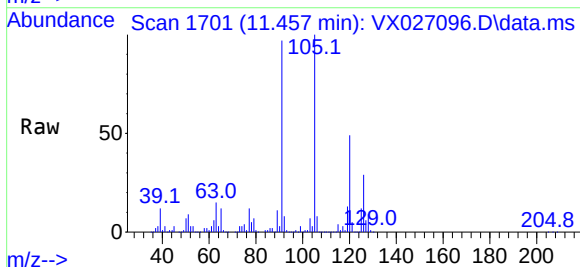
Manual Integrations
APPROVED

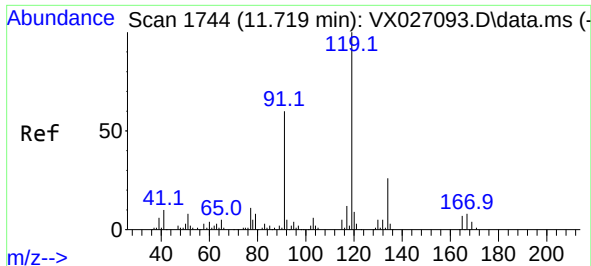
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#78
4-Chlorotoluene
Concen: 148.502 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Tgt Ion: 91 Resp: 502264
Ion Ratio Lower Upper
91 100
126 29.9 0.0 59.0





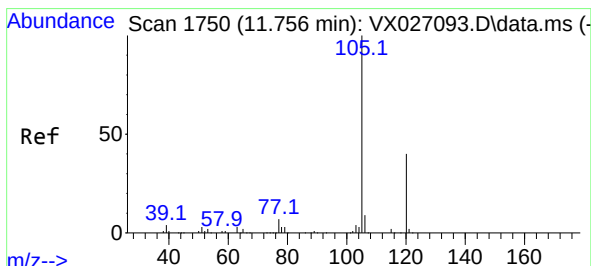
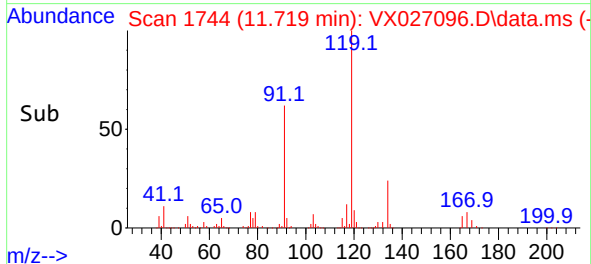
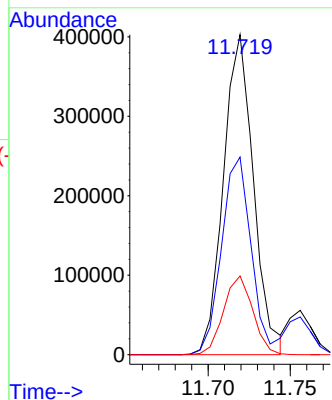
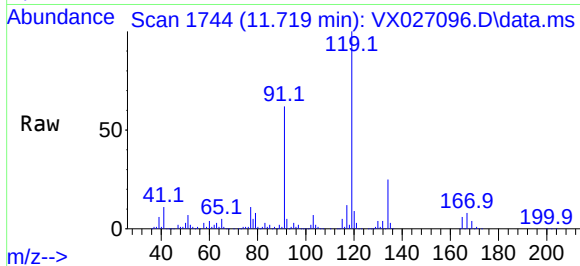
#79
tert-butylbenzene
Concen: 148.893 ug/l
RT: 11.719 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 51365
Ion Ratio Lower Upper
119 100
91 60.2 0.0 124.2
134 23.9 0.0 50.4

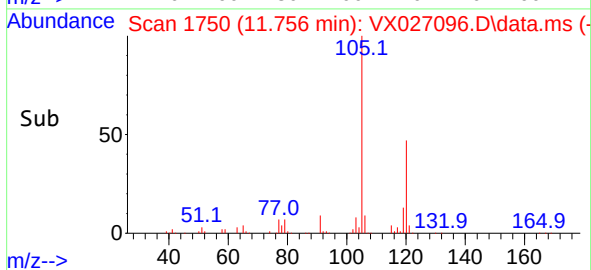
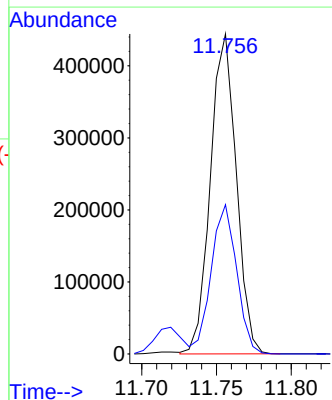
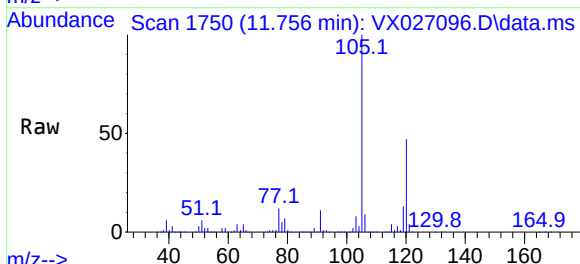
Manual Integrations
APPROVED

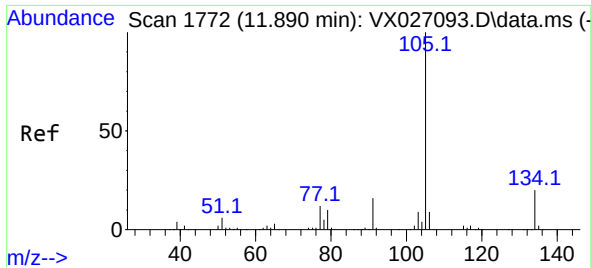
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#80
1,2,4-Trimethylbenzene
Concen: 151.024 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

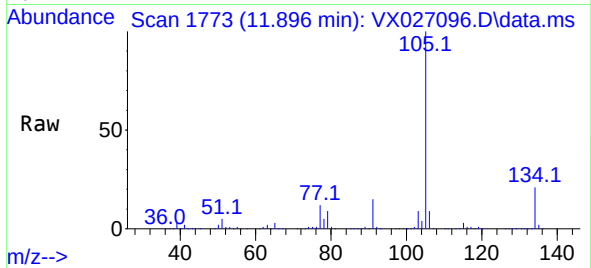
Tgt Ion:105 Resp: 534796
Ion Ratio Lower Upper
105 100
120 46.0 0.0 89.2





#81
 sec-Butylbenzene
 Concen: 149.557 ug/l
 RT: 11.896 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX027096.D
 Acq: 17 Feb 2022 23:31

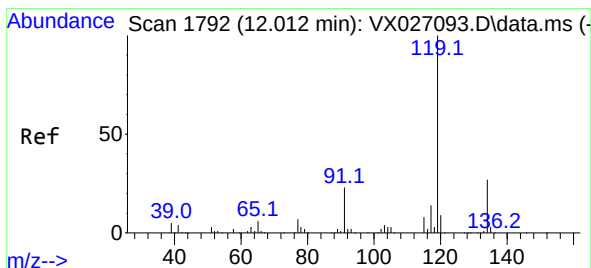
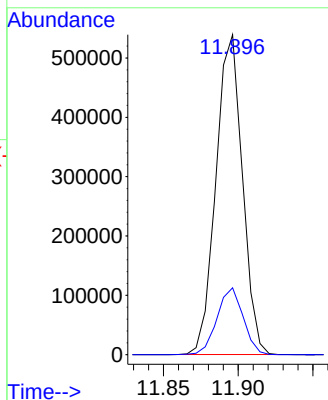
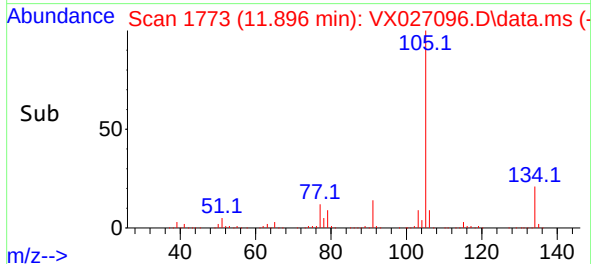
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



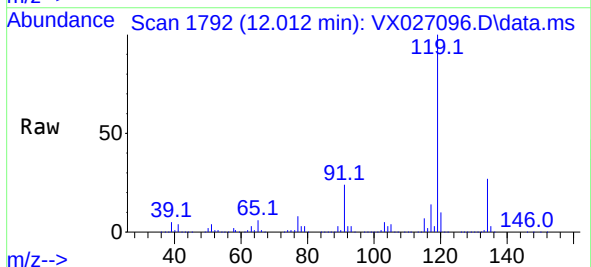
Tgt Ion:105 Resp: 664278
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.2

Manual Integrations
 APPROVED

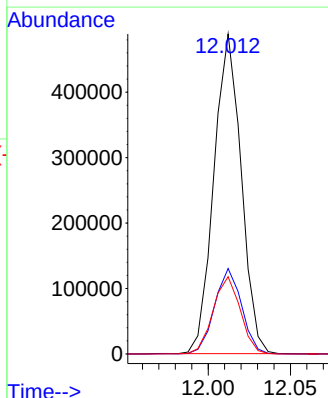
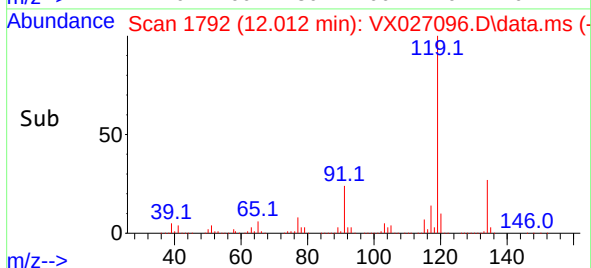
Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/21/2022

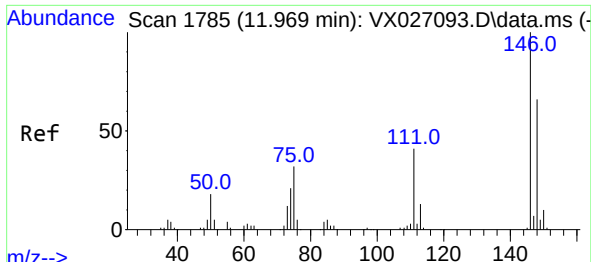


#82
 p-Isopropyltoluene
 Concen: 153.922 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027096.D
 Acq: 17 Feb 2022 23:31



Tgt Ion:119 Resp: 563756
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.8
 91 24.1 0.0 47.4





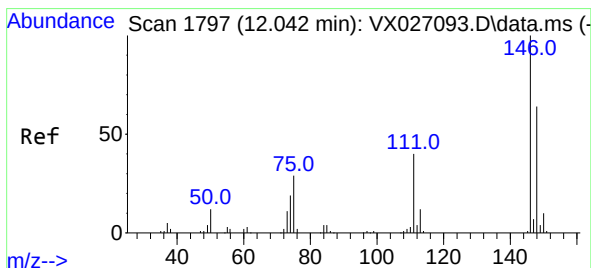
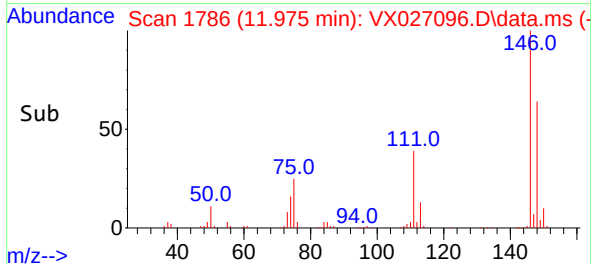
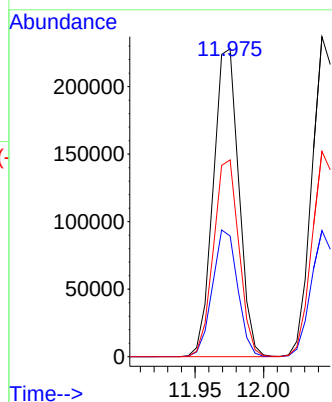
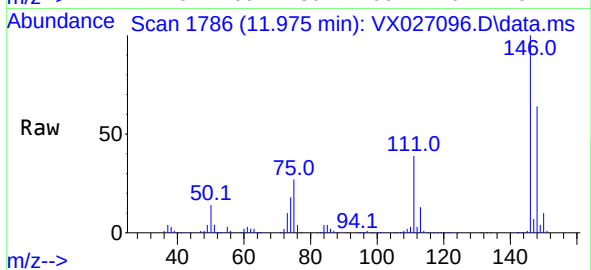
#83
1,3-Dichlorobenzene
Concen: 154.977 ug/l
RT: 11.975 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 295751
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.9
148 63.7 31.7 95.1

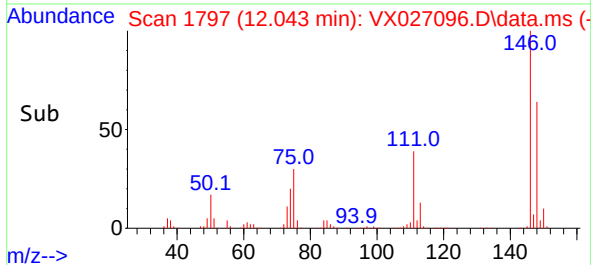
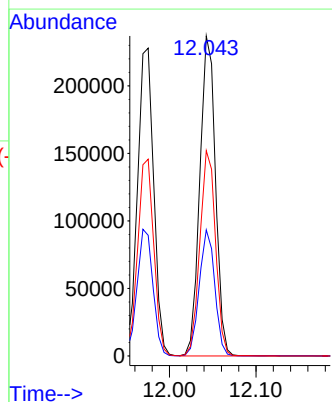
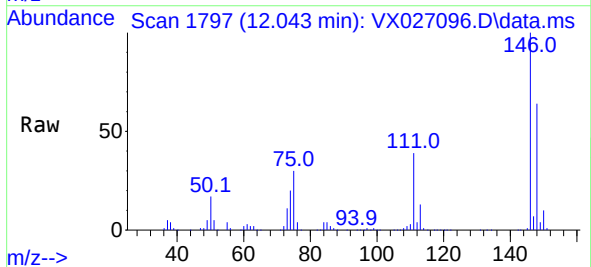
Manual Integrations
APPROVED

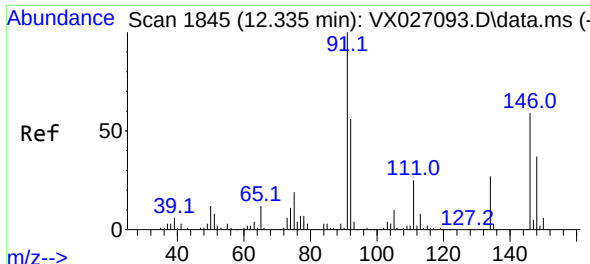
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#84
1,4-Dichlorobenzene
Concen: 157.041 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

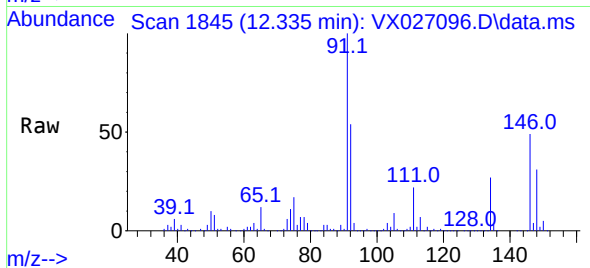
Tgt Ion:146 Resp: 297891
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.2
148 63.9 32.0 96.2





#85
n-Butylbenzene
Concen: 152.045 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

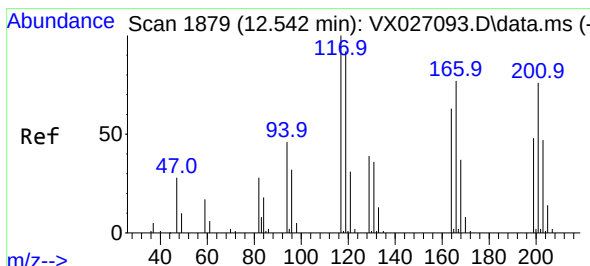
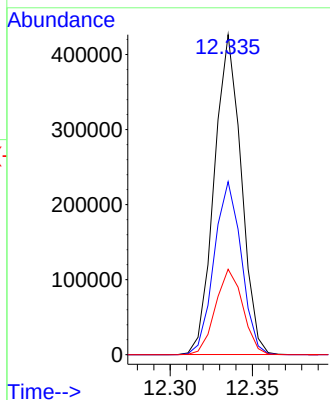
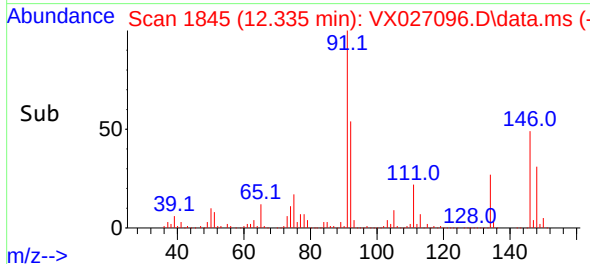
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



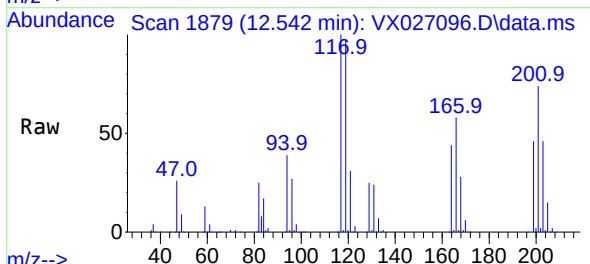
Tgt Ion: 91 Resp: 486260
Ion Ratio Lower Upper
91 100
92 54.7 0.0 111.2
134 27.1 0.0 53.8

Manual Integrations
APPROVED

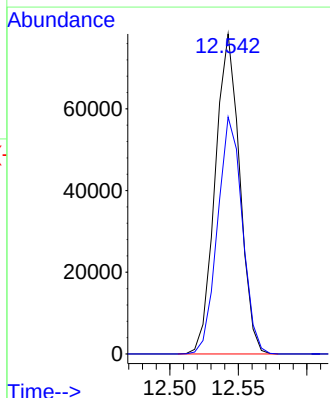
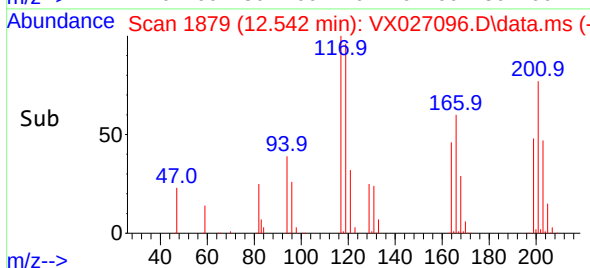
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

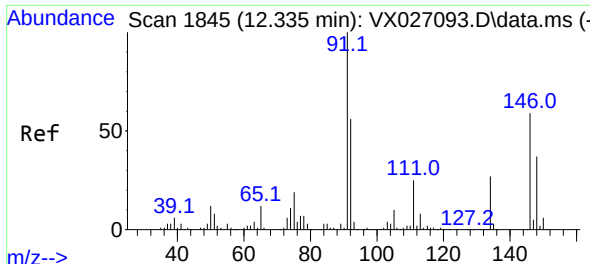


#86
Hexachloroethane
Concen: 164.368 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



Tgt Ion:117 Resp: 97300
Ion Ratio Lower Upper
117 100
201 74.8 36.9 110.7





#87
1,2-Dichlorobenzene
Concen: 152.515 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

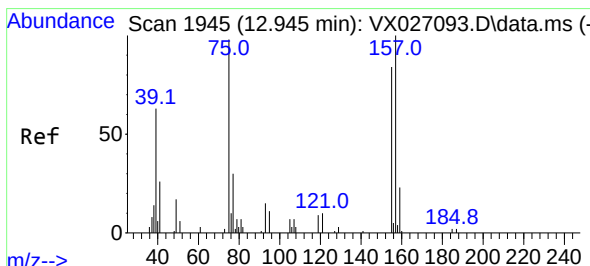
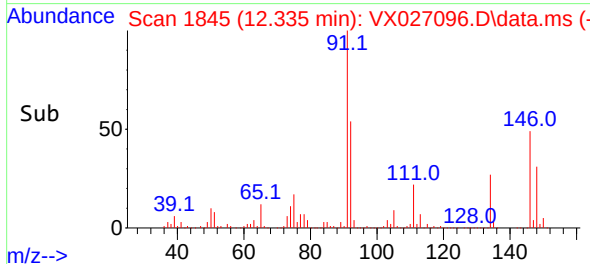
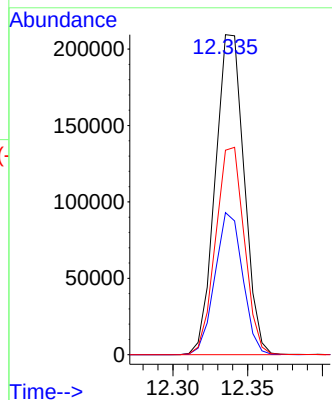
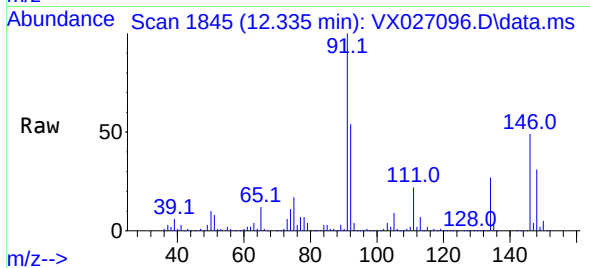
VSTDIC150

Tgt Ion:146 Resp: 281994
Ion Ratio Lower Upper
146 100
111 42.6 21.2 63.6
148 64.2 31.6 95.0

Manual Integrations

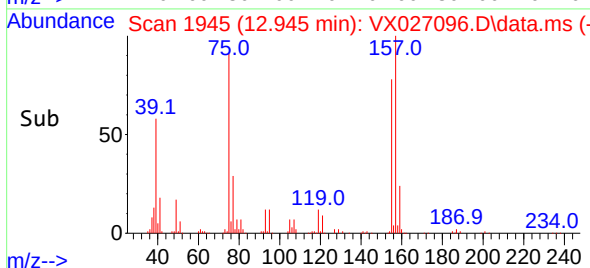
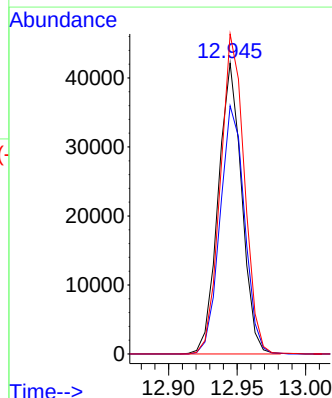
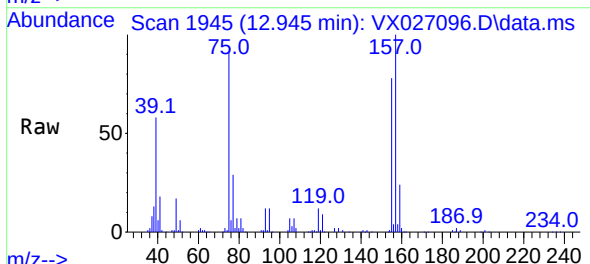
APPROVED

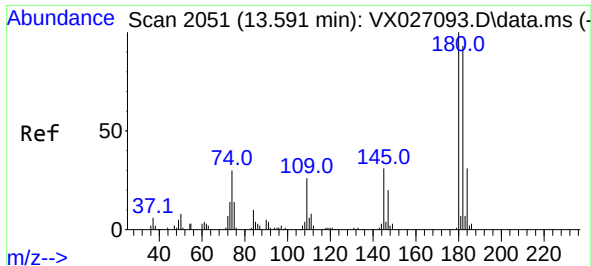
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 163.647 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Tgt Ion: 75 Resp: 50161
Ion Ratio Lower Upper
75 100
155 88.7 69.8 104.6
157 112.3 88.2 132.2





#89
1,2,4-Trichlorobenzene
Concen: 166.743 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

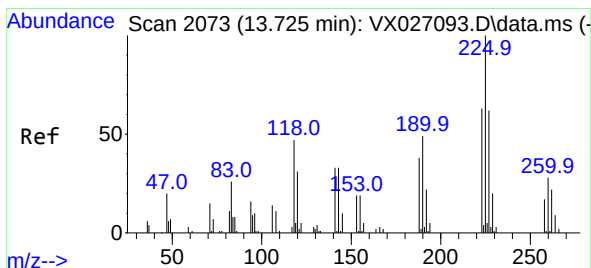
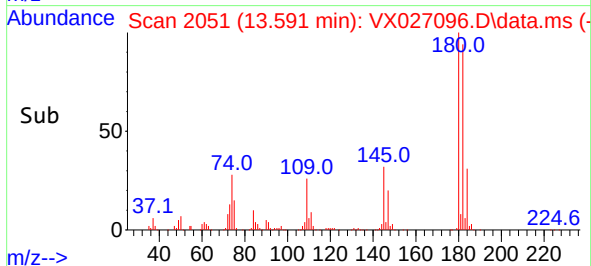
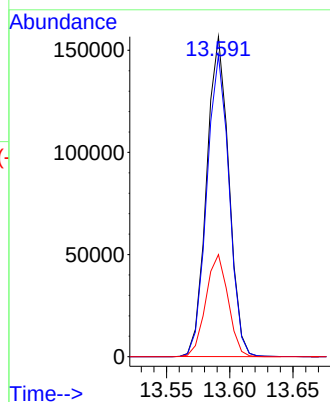
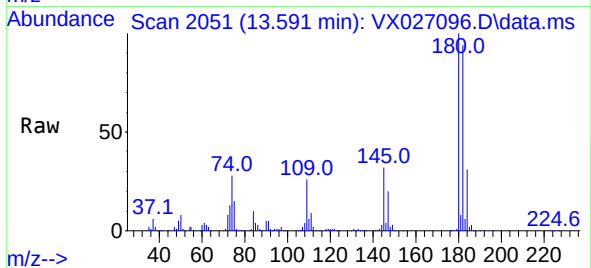
VSTDICC150

Tgt Ion:180 Resp: 191272
Ion Ratio Lower Upper
180 100
182 94.1 76.1 114.1
145 32.0 26.0 39.0

Manual Integrations

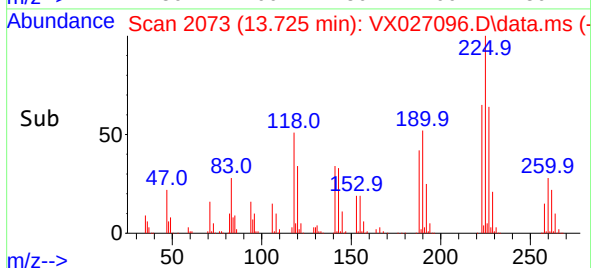
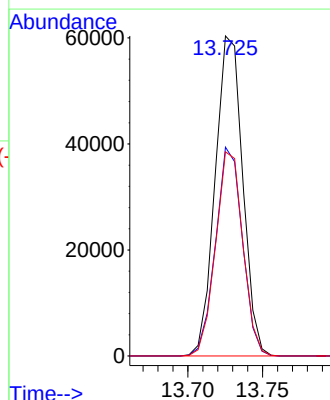
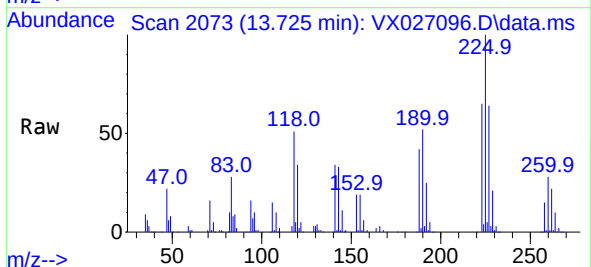
APPROVED

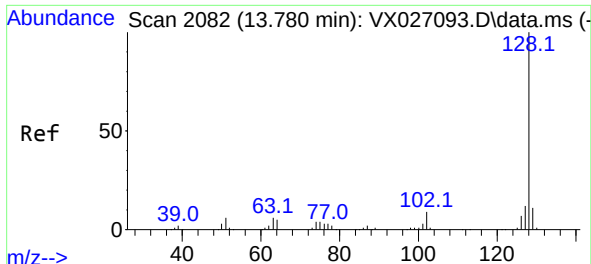
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#90
Hexachlorobutadiene
Concen: 153.534 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

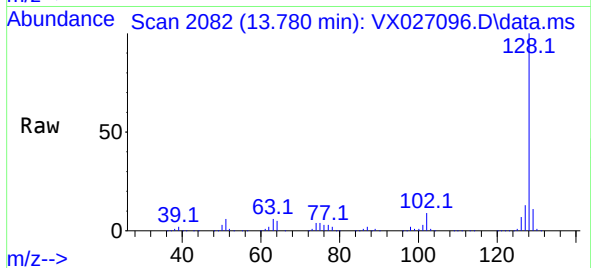
Tgt Ion:225 Resp: 77345
Ion Ratio Lower Upper
225 100
223 63.5 0.0 130.4
227 63.0 0.0 127.4





#91
Naphthalene
Concen: 168.154 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31

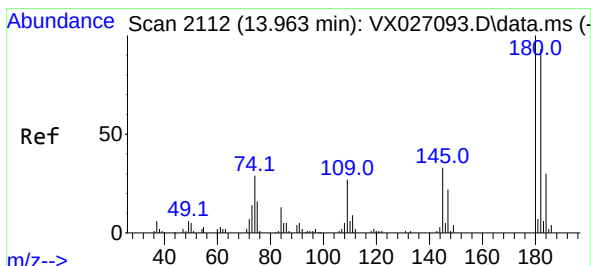
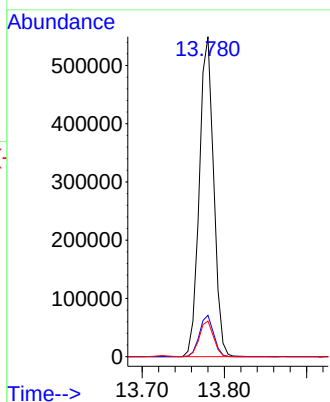
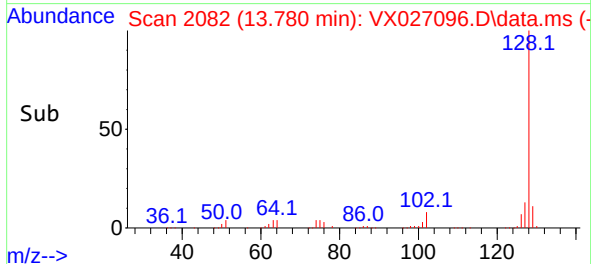
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



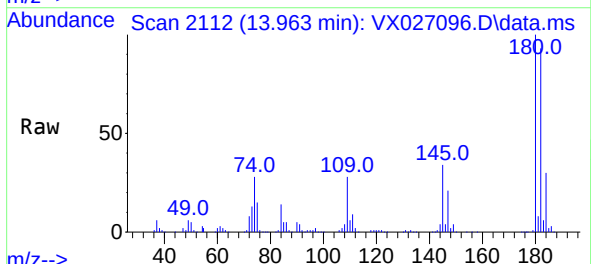
Tgt Ion:128 Resp: 666050
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#92
1,2,3-Trichlorobenzene
Concen: 167.330 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027096.D
Acq: 17 Feb 2022 23:31



Tgt Ion:180 Resp: 192615
Ion Ratio Lower Upper
180 100
182 94.3 0.0 190.6
145 33.6 0.0 67.2

