

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027094.D
 Acq On : 17 Feb 2022 22:44
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Quant Time: Feb 18 04:54:35 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	4.903	128	14834	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	81463	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	70595	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	32081	28.265	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	94.233%	
60) 4-Bromofluorobenzene	11.085	95	34013	29.290	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	97.633%	
63) Toluene-d8	8.653	98	95830	30.221	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	100.733%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	43119	48.574	ug/l	96
3) Chloromethane	1.294	50	40792	42.183	ug/l	99
4) Vinyl Chloride	1.374	62	41029	42.417	ug/l	96
5) Bromomethane	1.605	94	18832	34.000	ug/l	96
6) Chloroethane	1.685	64	24100	39.824	ug/l	97
7) Trichlorofluoromethane	1.886	101	63217	40.737	ug/l	96
8) Diethyl Ether	2.136	74	22599	40.753	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	43448	48.140	ug/l	99
10) 1,1-Dichloroethene	2.325	96	43088	49.134	ug/l	96
11) Methyl Iodide	2.453	142	61345	50.510	ug/l	99
12) Methyl Acetate	2.709	43	63610	48.940	ug/l	99
13) Acrolein	2.239	56	51245	337.742	ug/l	98
14) Acrylonitrile	3.068	53	140968	245.110	ug/l	100
15) Acetone	2.380	58	37926	228.676	ug/l	98
16) Carbon Disulfide	2.514	76	114521	52.244	ug/l	99
17) Allyl chloride	2.666	41	77298	48.176	ug/l	97
18) Methylene Chloride	2.794	84	48193	47.215	ug/l	96
19) trans-1,2-Dichloroethene	3.093	96	46433	49.404	ug/l	98
20) Diisopropyl ether	3.763	45	153422	47.821	ug/l	91
21) 1,1-Dichloroethane	3.617	63	85654	48.845	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	53740	49.301	ug/l	99
23) tert-Butyl Alcohol	2.965	59	54662	216.876	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	150390	49.066	ug/l	100
25) Chloroform	5.105	83	85810	47.657	ug/l	92
26) Cyclohexane	5.477	56	79325	49.635	ug/l #	100
29) 1,1-Dichloropropene	5.702	75	64991	50.001	ug/l	100
30) 2-Butanone	4.562	43	199583	237.281	ug/l	100
31) 2,2-Dichloropropane	4.483	77	57046	41.224	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	77325	49.775	ug/l	99
33) Carbon Tetrachloride	5.684	117	68146	50.363	ug/l	100
34) Benzene	6.043	78	191423	49.464	ug/l	99
35) Methacrylonitrile	4.922	41	41528	48.230	ug/l	96
36) 1,2-Dichloroethane	6.092	62	68498	46.776	ug/l	99
37) Trichloroethene	7.129	130	56979	53.105	ug/l	96
38) Methylcyclohexane	7.385	83	80384	48.999	ug/l	99
39) 1,2-Dichloropropane	7.434	63	48253	47.927	ug/l	98
40) Dibromomethane	7.586	93	33941	47.518	ug/l	99
41) Bromodichloromethane	7.824	83	66171	50.363	ug/l	99
42) Vinyl Acetate	3.727	43	677556	243.479	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	75463	47.664	ug/l	100
44) Isopropyl Acetate	6.342	43	116704	46.517	ug/l	100
45) 1,4-Dioxane	7.665	88	23577	914.567	ug/l	97
46) Methyl methacrylate	7.696	41	58351	48.034	ug/l	94
47) n-amyl Acetate	10.848	43	90377	42.820	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	67056	45.263	ug/l	99
49) cis-1,3-Dichloropropene	8.372	75	75256	47.279	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	46707	45.136	ug/l	98
51) Ethyl methacrylate	9.122	69	76719	46.890	ug/l	96
52) 1,3-Dichloropropane	9.311	76	80657	47.422	ug/l	98
53) Dibromochloromethane	9.525	129	50069	47.986	ug/l	99
54) 1,2-Dibromoethane	9.610	107	50636	46.602	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	191514	242.801	ug/l	100
56) Bromoform	10.805	173	34172	46.177	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	367965	241.321	ug/l	99
59) 2-Hexanone	9.433	43	279085	238.069	ug/l	99
61) Tetrachloroethene	9.275	164	57788	57.668	ug/l	96
62) Toluene	8.720	91	201174	49.766	ug/l	99
64) Chlorobenzene	10.079	112	123146	48.502	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	46785	49.736	ug/l	98
66) Ethyl Benzene	10.195	91	224057	49.954	ug/l	99
67) m/p-Xylenes	10.305	106	171384	98.914	ug/l	100
68) o-Xylene	10.646	106	84186	49.278	ug/l	99
69) Styrene	10.659	104	140794	49.915	ug/l	99
70) Isopropylbenzene	10.963	105	217487	48.391	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	62233	44.342	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	63468m	47.914	ug/l	
73) Bromobenzene	11.201	156	52137	47.735	ug/l	99
74) n-propylbenzene	11.305	91	249408	48.192	ug/l	99
75) 2-Chlorotoluene	11.366	91	150291	48.236	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	181466	48.728	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	19294	42.299	ug/l	91
78) 4-Chlorotoluene	11.457	91	169163	48.063	ug/l	100
79) tert-butylbenzene	11.719	119	172785	48.130	ug/l	98
80) 1,2,4-Trimethylbenzene	11.756	105	180316	48.932	ug/l	99
81) sec-Butylbenzene	11.890	105	220850	47.782	ug/l	100
82) p-Isopropyltoluene	12.012	119	186493	48.930	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	96773	48.730	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	96055	48.661	ug/l	99
85) n-Butylbenzene	12.335	91	155463	46.712	ug/l	99
86) Hexachloroethane	12.542	117	29920	48.570	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	94480	49.104	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	15934	49.954	ug/l	100
89) 1,2,4-Trichlorobenzene	13.591	180	59437	49.792	ug/l	99
90) Hexachlorobutadiene	13.725	225	24376	46.499	ug/l	98
91) Naphthalene	13.780	128	215891	52.377	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	61144	51.044	ug/l	100

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

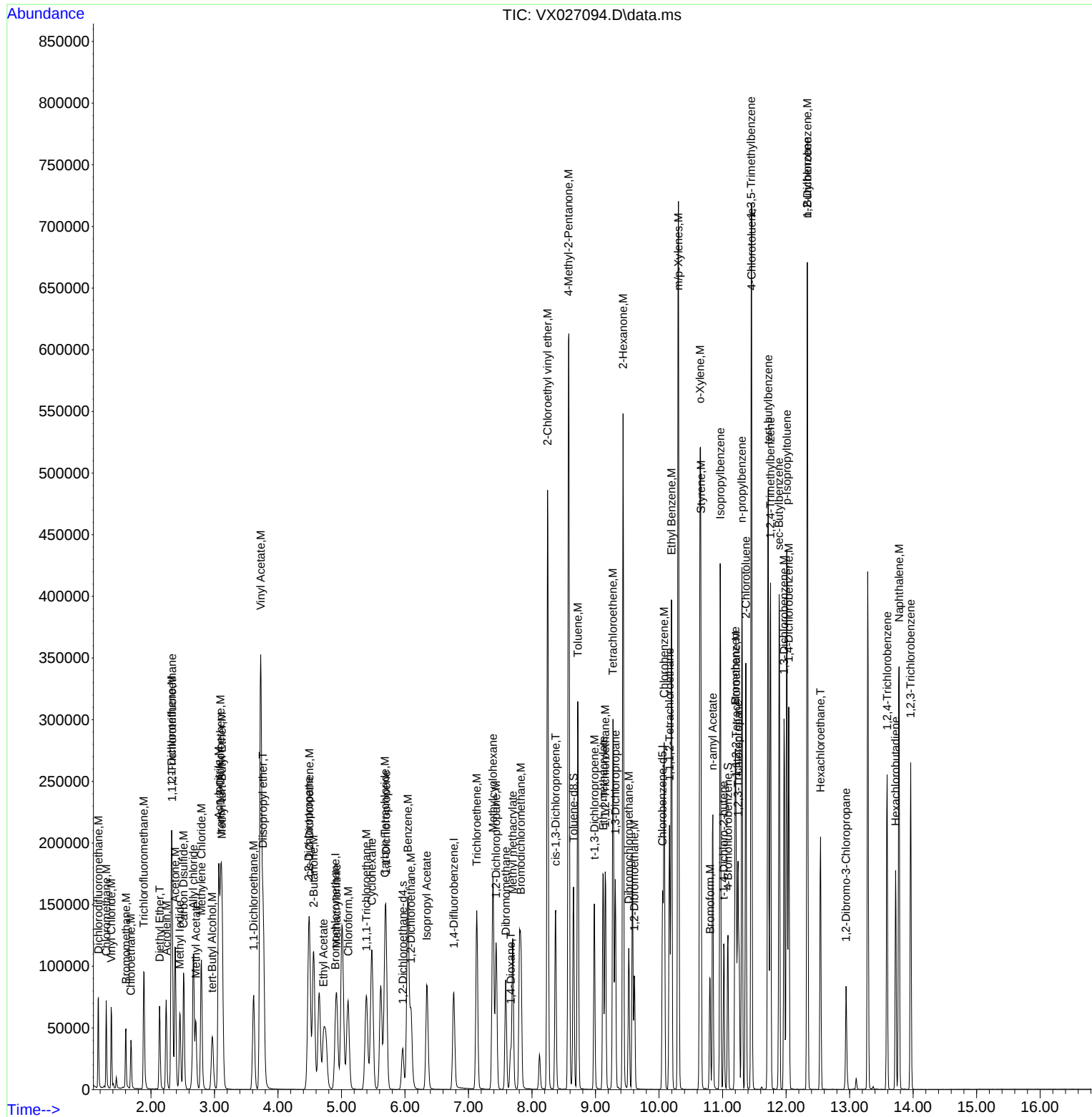
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
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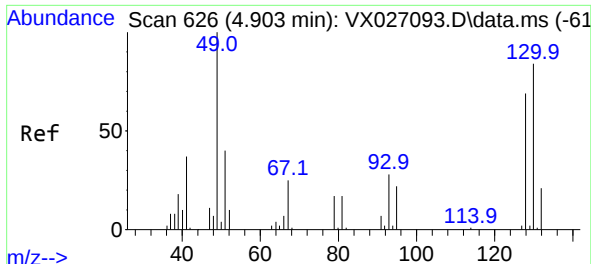
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

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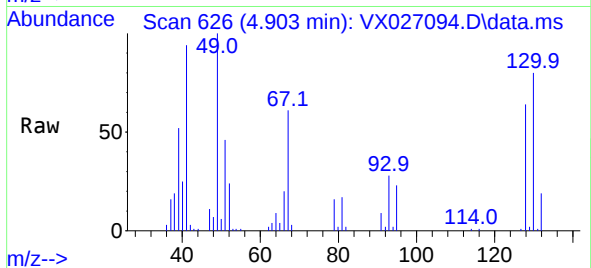
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 18 04:52:41 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

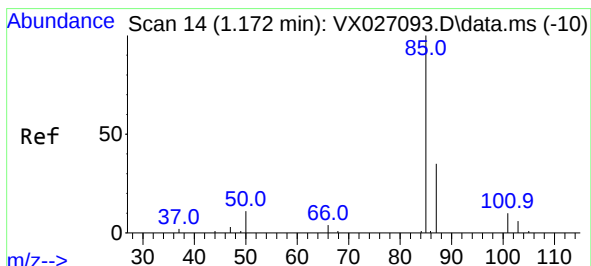
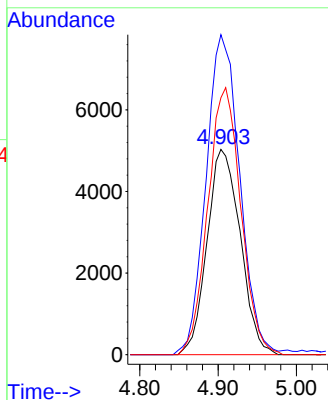
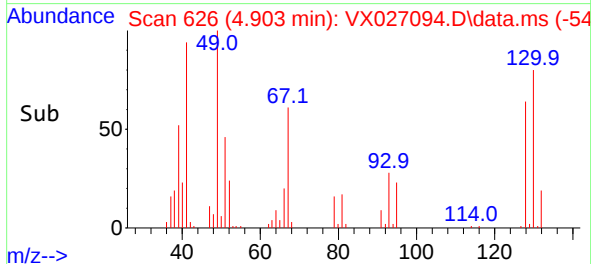
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



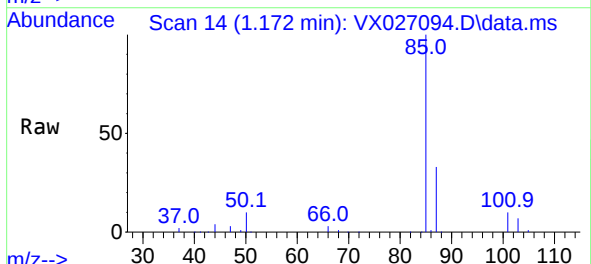
Tgt Ion:128 Resp: 14834
Ion Ratio Lower Upper
128 100
49 158.3 0.0 387.0
130 129.6 0.0 323.0

Manual Integrations
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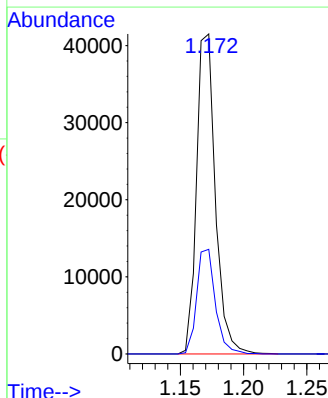
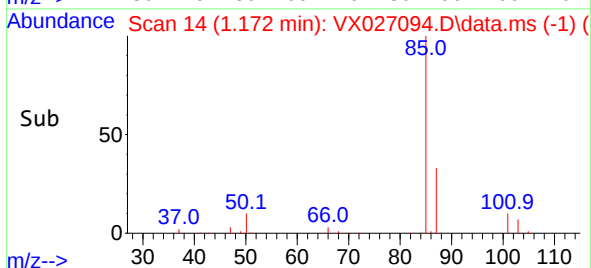
Reviewed By :John Carlone 02/18/2022
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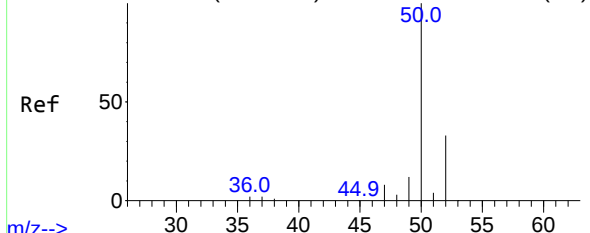
#2
Dichlorodifluoromethane
Concen: 48.574 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



Tgt Ion: 85 Resp: 43119
Ion Ratio Lower Upper
85 100
87 32.7 17.4 52.3



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



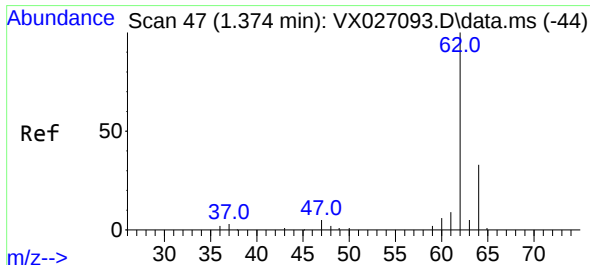
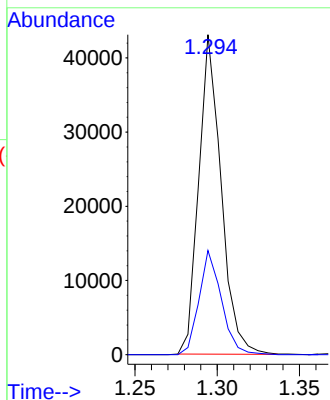
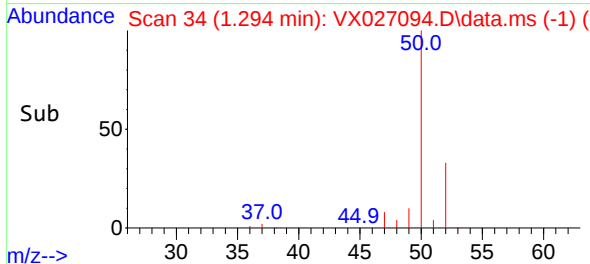
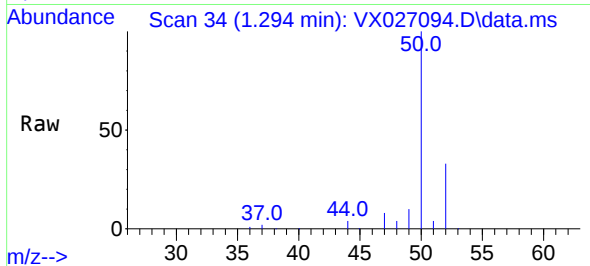
#3
Chloromethane
Concen: 42.183 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
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ClientSampleId :
VSTDICC050

Tgt Ion: 50 Resp: 40792
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5

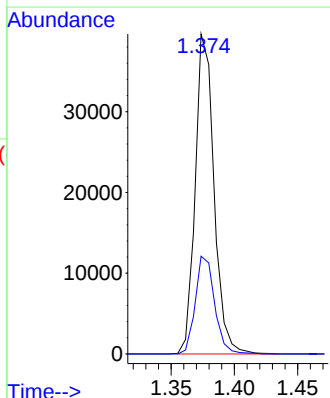
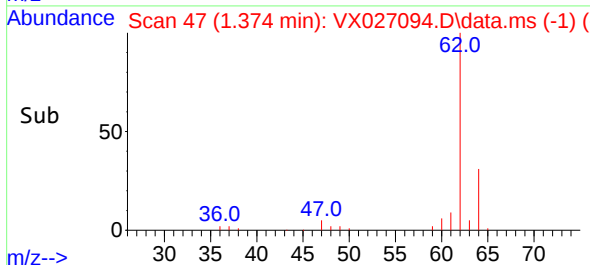
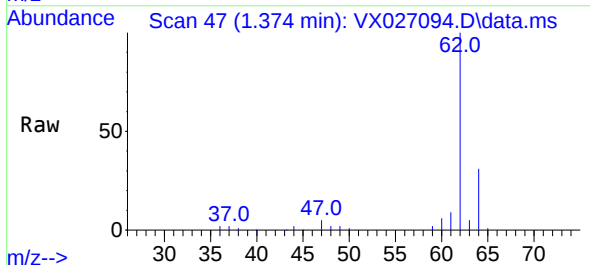
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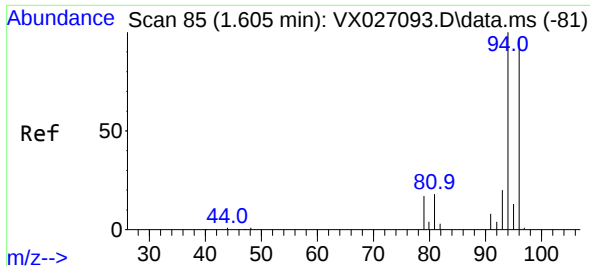
Reviewed By :John Carlone 02/18/2022
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#4
Vinyl Chloride
Concen: 42.417 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

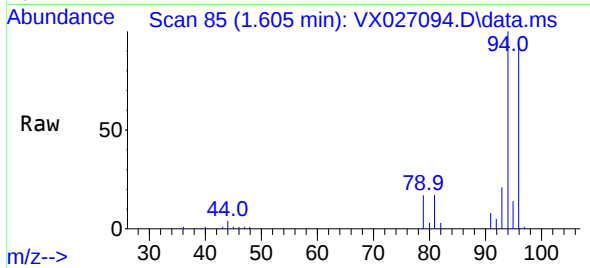
Tgt Ion: 62 Resp: 41029
Ion Ratio Lower Upper
62 100
64 30.6 26.1 39.1





#5
Bromomethane
Concen: 34.000 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

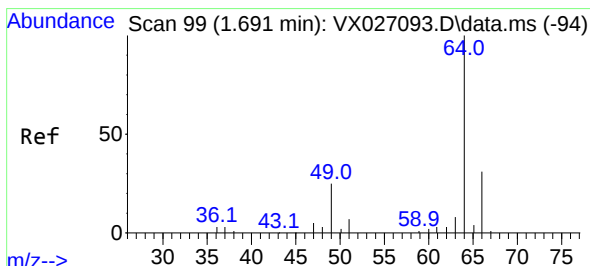
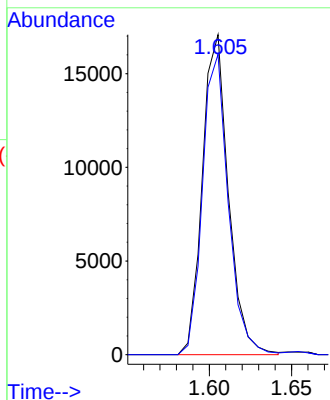
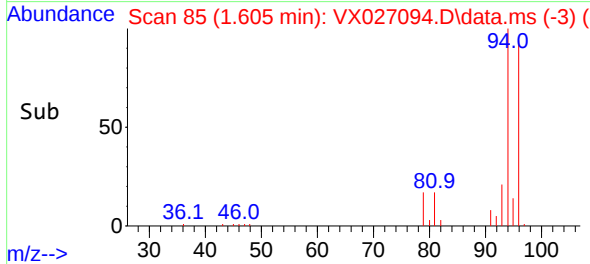
Instrument :
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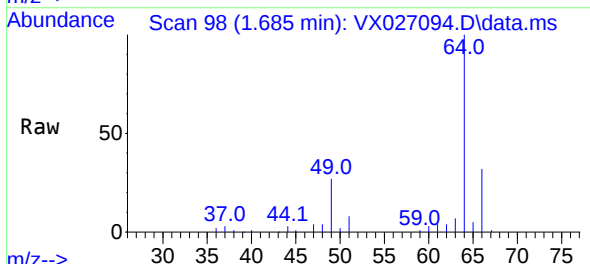
Tgt Ion: 94 Resp: 1883
Ion Ratio Lower Upper
94 100
96 93.9 77.9 116.9

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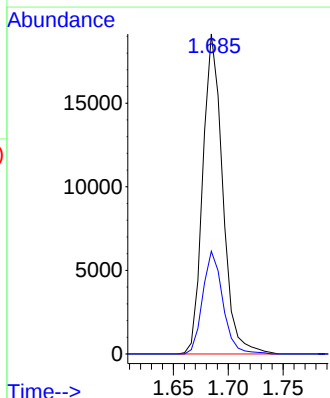
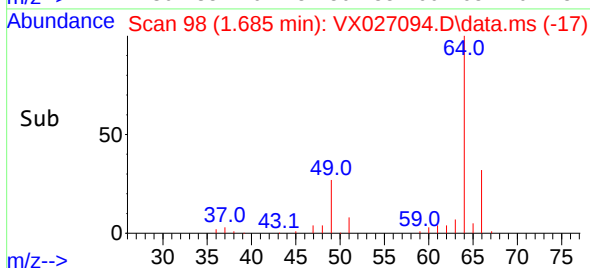
Reviewed By :John Carlone 02/18/2022
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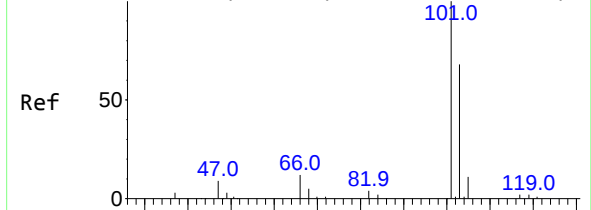
#6
Chloroethane
Concen: 39.824 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



Tgt Ion: 64 Resp: 24100
Ion Ratio Lower Upper
64 100
66 32.1 24.5 36.7



Abundance Scan 132 (1.892 min): VX027093.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 40.737 ug/l

RT: 1.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX027094.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:101 Resp: 6321

Ion Ratio Lower Upper

101 100

103 65.0 54.3 81.5

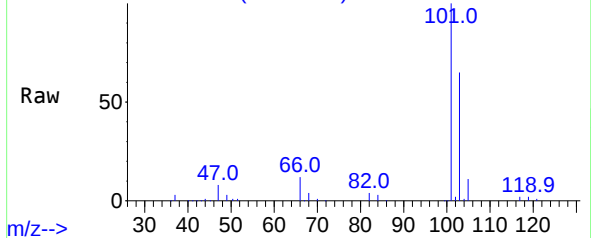
Manual Integrations

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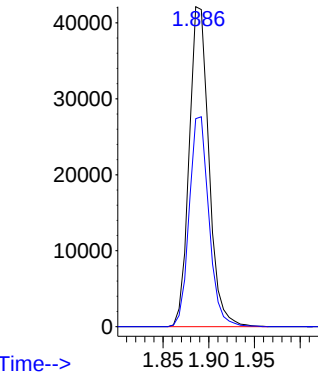
Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022

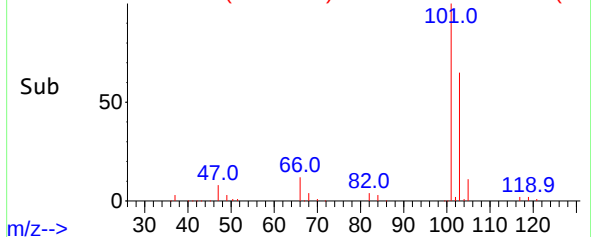
Abundance Scan 131 (1.886 min): VX027094.D\data.ms



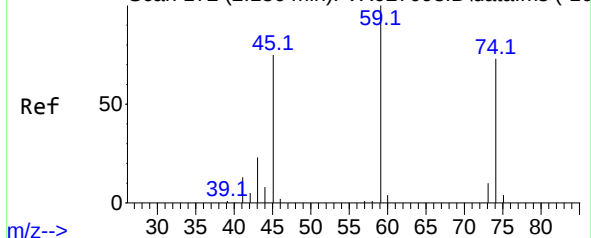
Abundance



Abundance Scan 131 (1.886 min): VX027094.D\data.ms (-50



Abundance Scan 172 (2.136 min): VX027093.D\data.ms (-16



#8

Diethyl Ether

Concen: 40.753 ug/l

RT: 2.136 min Scan# 172

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

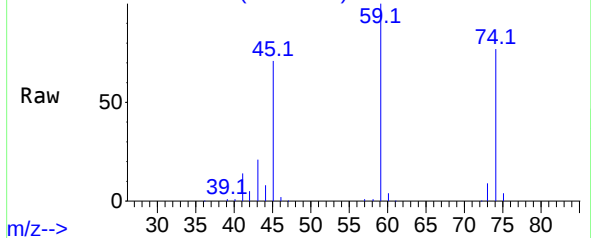
Tgt Ion: 74 Resp: 22599

Ion Ratio Lower Upper

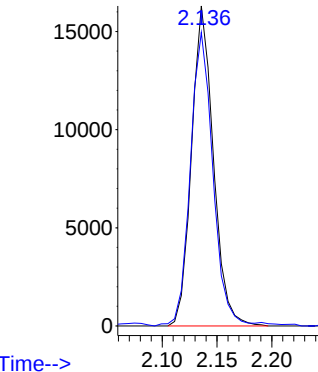
74 100

45 94.7 20.2 181.4

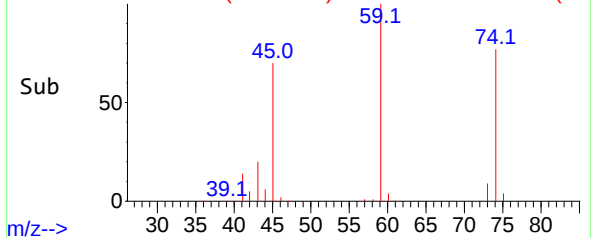
Abundance Scan 172 (2.136 min): VX027094.D\data.ms

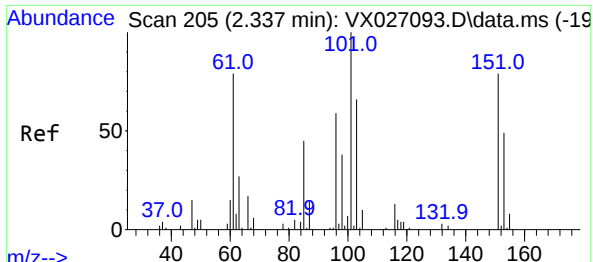


Abundance



Abundance Scan 172 (2.136 min): VX027094.D\data.ms (-13





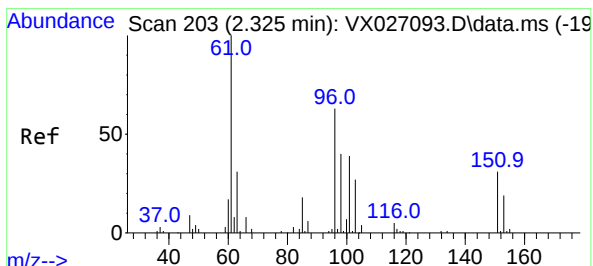
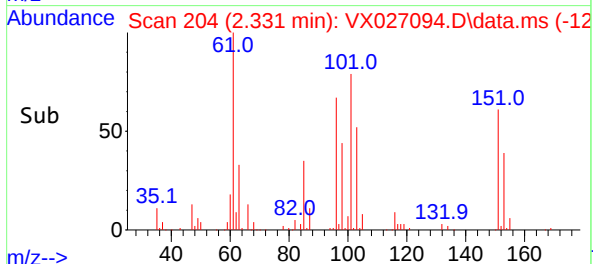
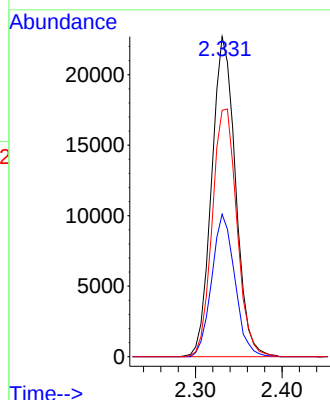
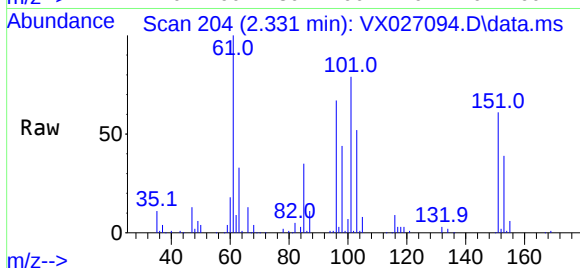
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.140 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 43448
Ion Ratio Lower Upper
101 100
85 43.1 0.0 86.6
151 79.9 0.0 158.0

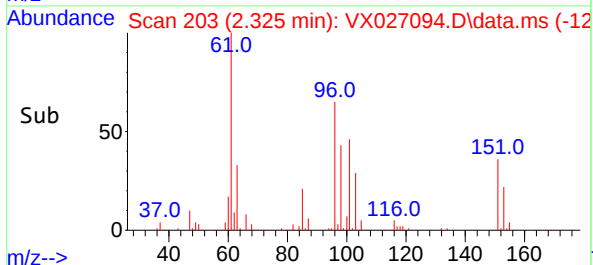
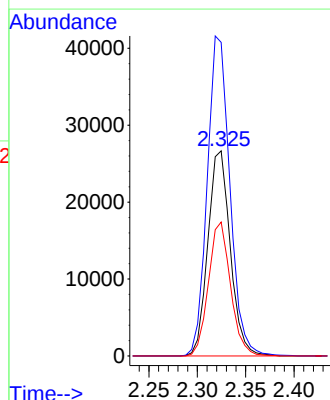
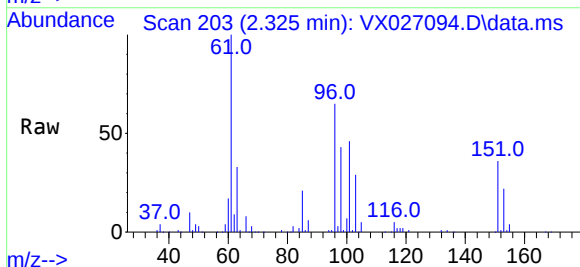
Manual Integrations
APPROVED

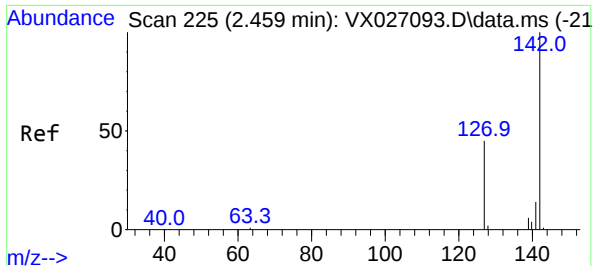
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#10
1,1-Dichloroethene
Concen: 49.134 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

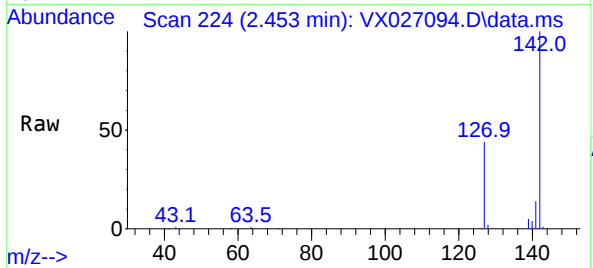
Tgt Ion: 96 Resp: 43088
Ion Ratio Lower Upper
96 100
61 152.8 127.8 191.6
98 65.2 51.4 77.0





#11
Methyl Iodide
Concen: 50.510 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

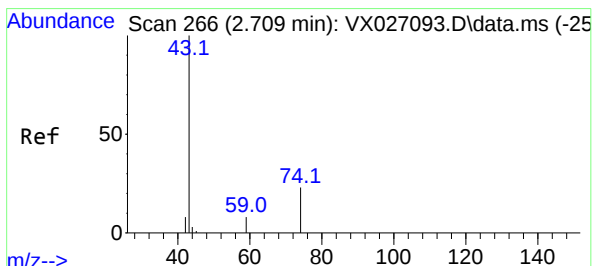
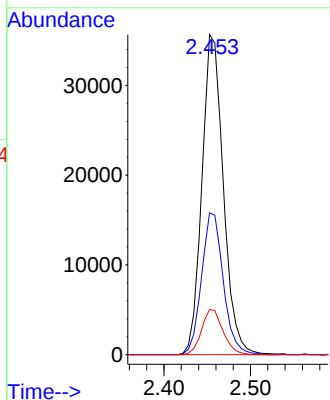
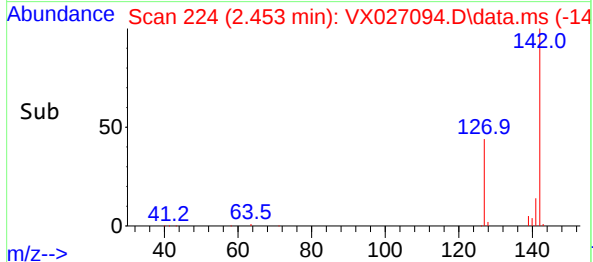
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 61345
Ion Ratio Lower Upper
142 100
127 44.3 22.5 67.5
141 14.1 7.2 21.7

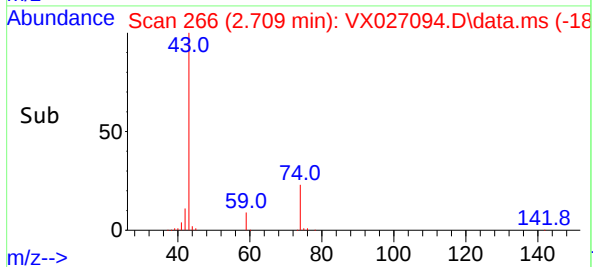
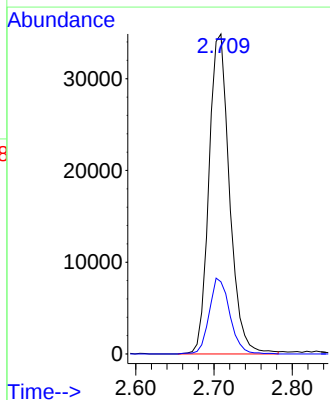
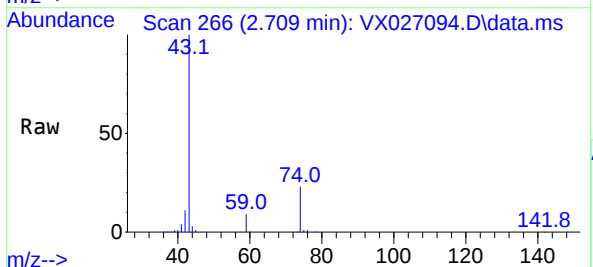
Manual Integrations
APPROVED

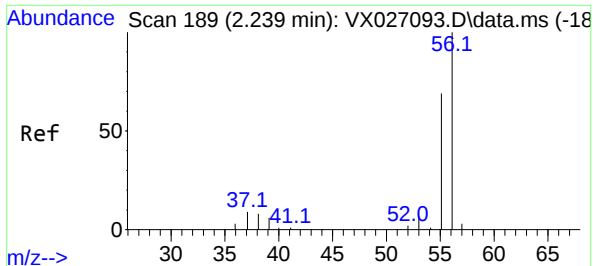
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#12
Methyl Acetate
Concen: 48.940 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

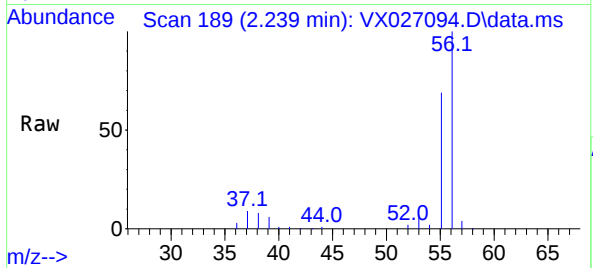
Tgt Ion: 43 Resp: 63610
Ion Ratio Lower Upper
43 100
74 22.6 18.6 27.8





#13
Acrolein
Concen: 337.742 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

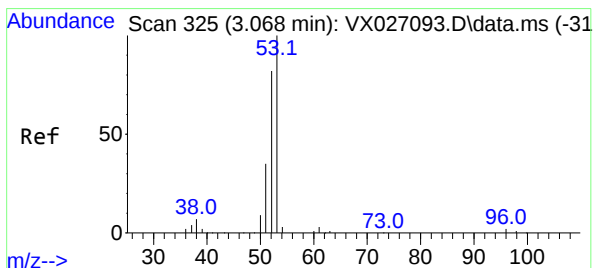
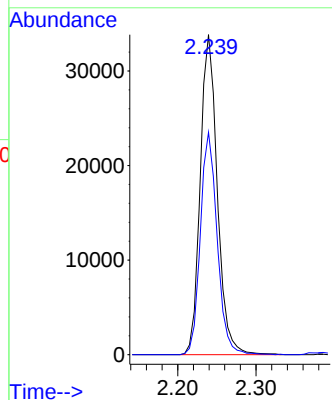
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



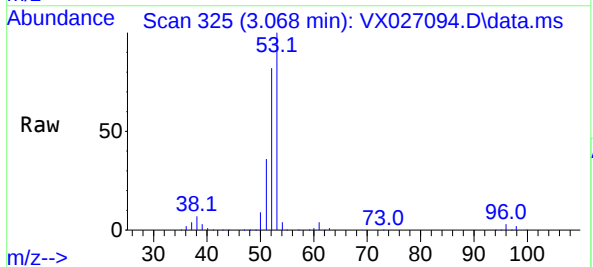
Tgt Ion: 56 Resp: 51249
Ion Ratio Lower Upper
56 100
55 68.5 56.0 84.0

Manual Integrations
APPROVED

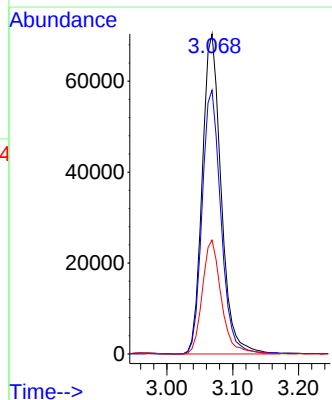
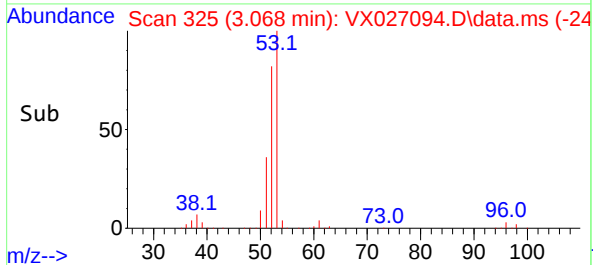
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

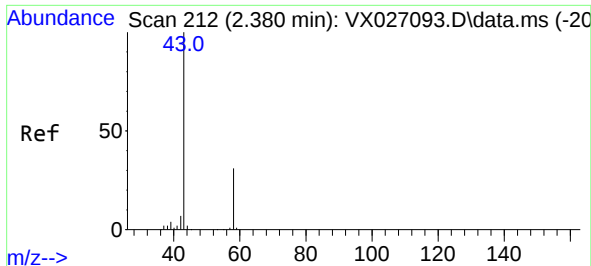


#14
Acrylonitrile
Concen: 245.110 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



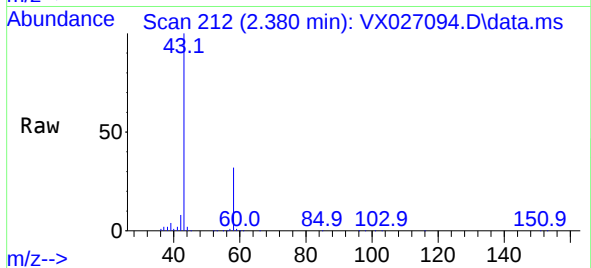
Tgt Ion: 53 Resp: 140968
Ion Ratio Lower Upper
53 100
52 81.9 40.9 122.7
51 35.8 17.8 53.4





#15
Acetone
Concen: 228.676 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

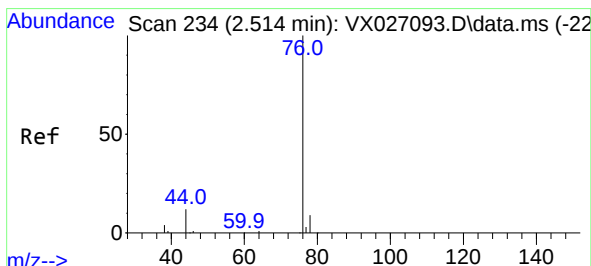
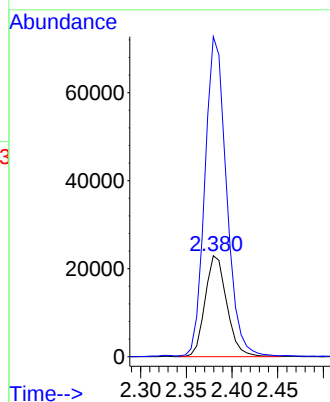
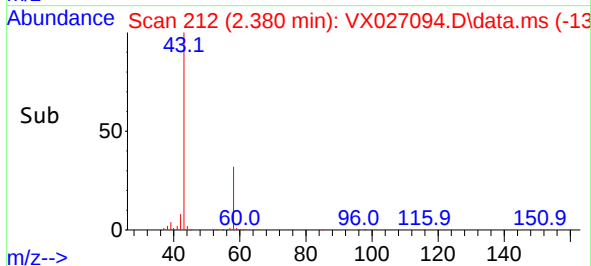
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



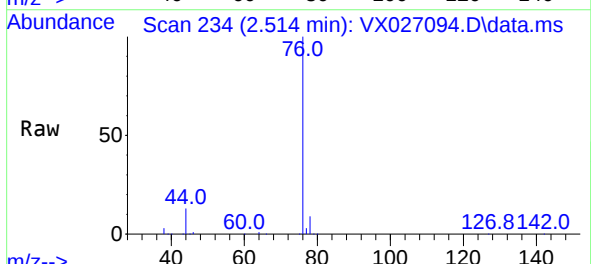
Tgt Ion: 58 Resp: 37920
Ion Ratio Lower Upper
58 100
43 316.1 256.9 385.3

Manual Integrations
APPROVED

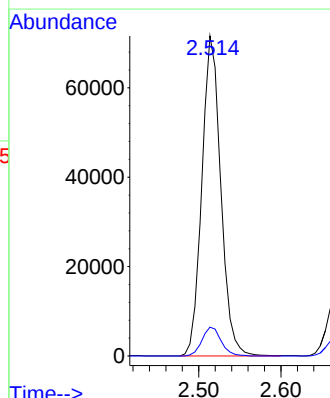
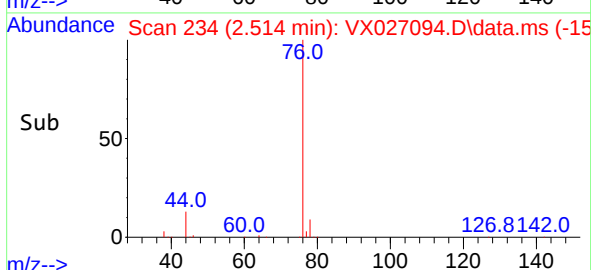
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

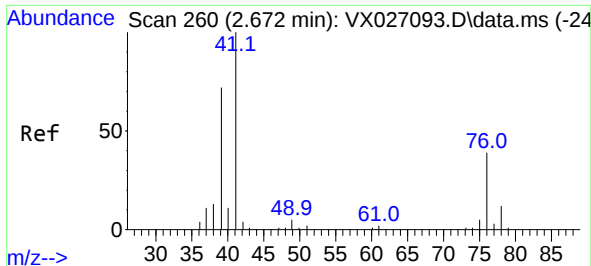


#16
Carbon Disulfide
Concen: 52.244 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



Tgt Ion: 76 Resp: 114521
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3





#17

Allyl chloride

Concen: 48.176 ug/l

RT: 2.666 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 41 Resp: 77298

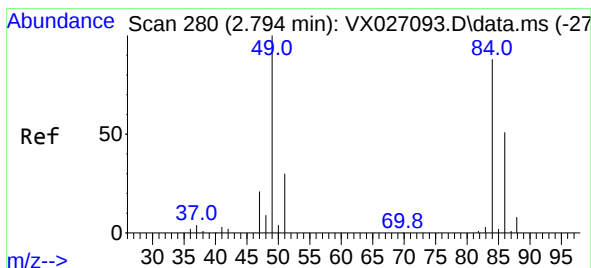
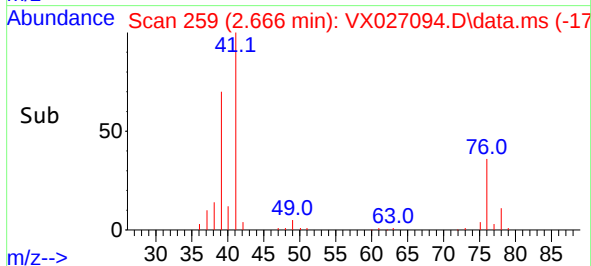
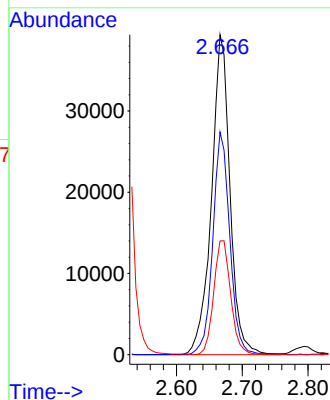
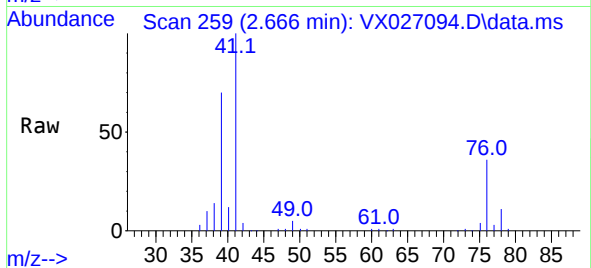
Ion	Ratio	Lower	Upper
41	100		
39	69.5	35.8	107.3
76	35.6	19.3	57.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#18

Methylene Chloride

Concen: 47.215 ug/l

RT: 2.794 min Scan# 280

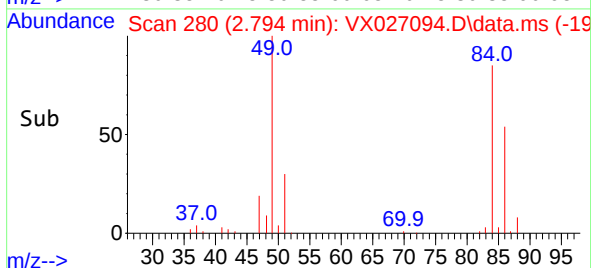
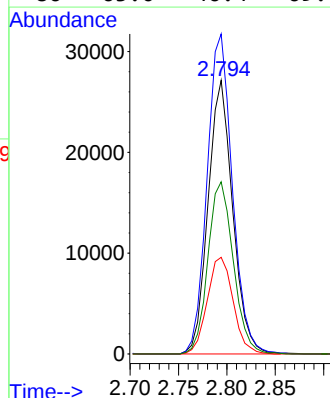
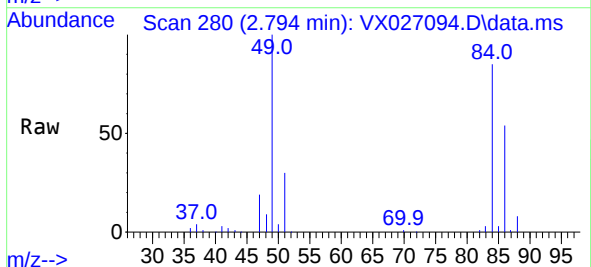
Delta R.T. 0.000 min

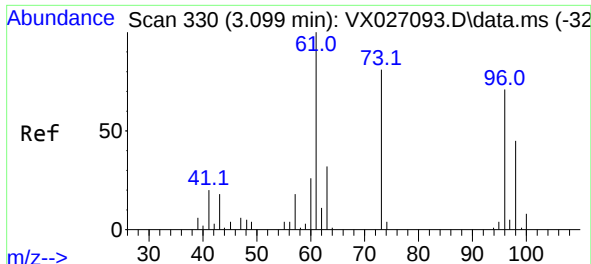
Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Tgt Ion: 84 Resp: 48193

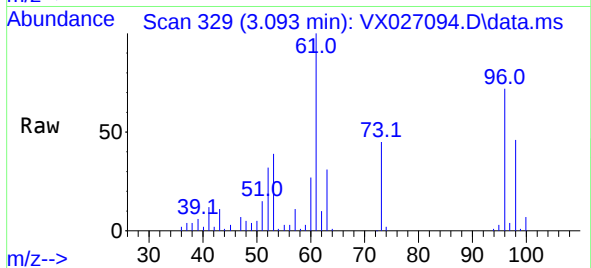
Ion	Ratio	Lower	Upper
84	100		
49	117.0	91.2	136.8
51	35.3	27.6	41.4
86	63.0	46.4	69.6





#19
trans-1,2-Dichloroethene
Concen: 49.404 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

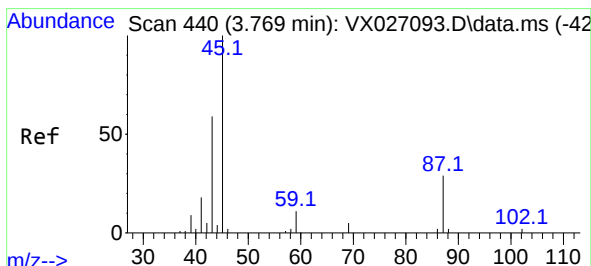
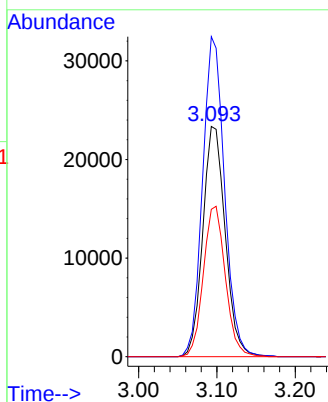
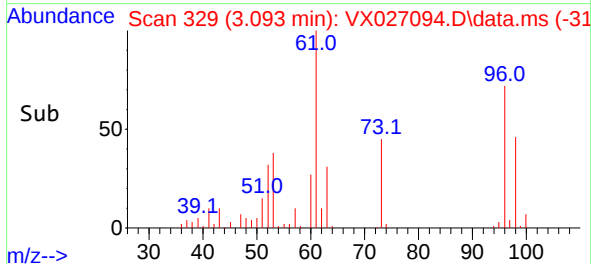
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



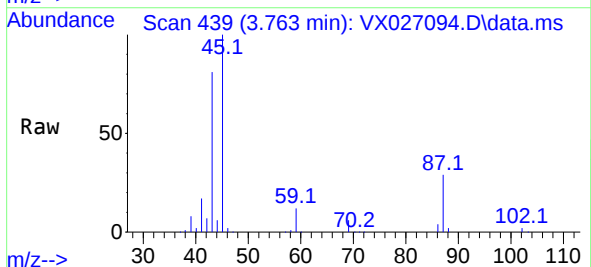
Tgt Ion: 96 Resp: 4643
Ion Ratio Lower Upper
96 100
61 138.9 113.2 169.8
98 64.0 51.0 76.6

Manual Integrations
APPROVED

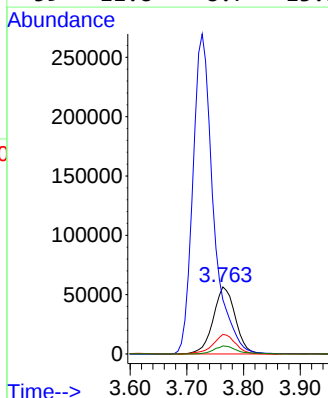
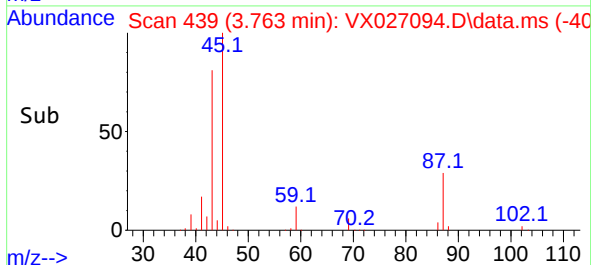
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

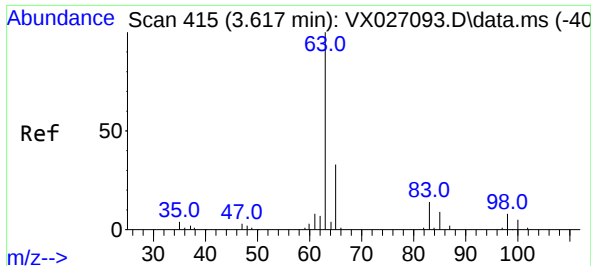


#20
Diisopropyl ether
Concen: 47.821 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



Tgt Ion: 45 Resp: 153422
Ion Ratio Lower Upper
45 100
43 80.4 55.5 83.3
87 29.1 23.1 34.7
59 11.8 8.7 13.1





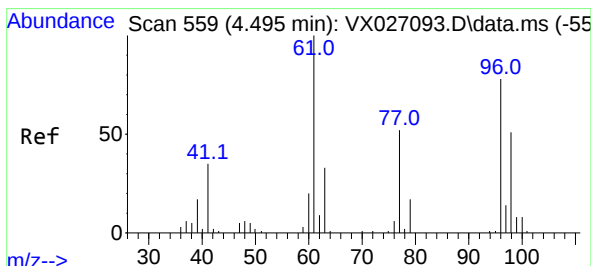
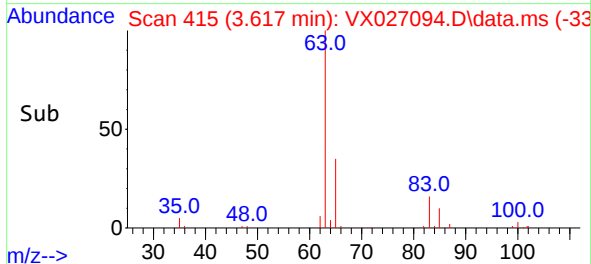
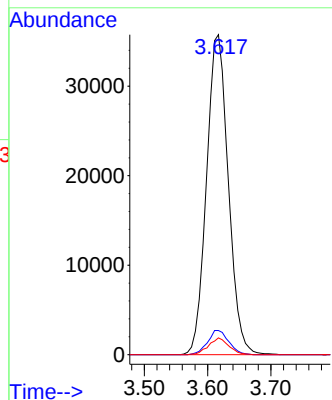
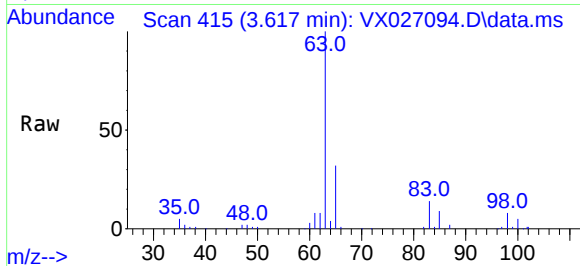
#21
1,1-Dichloroethane
Concen: 48.845 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 85654
Ion Ratio Lower Upper
63 100
98 7.5 4.0 11.9
100 5.2 2.5 7.5

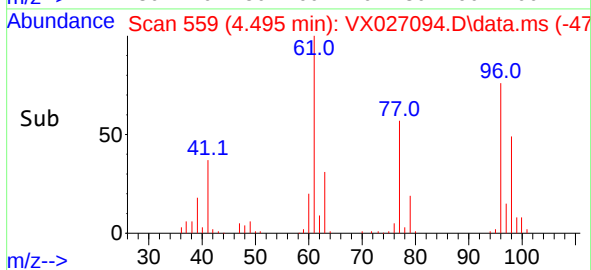
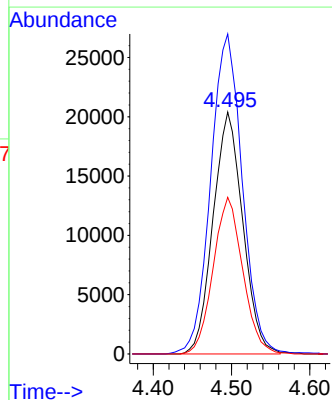
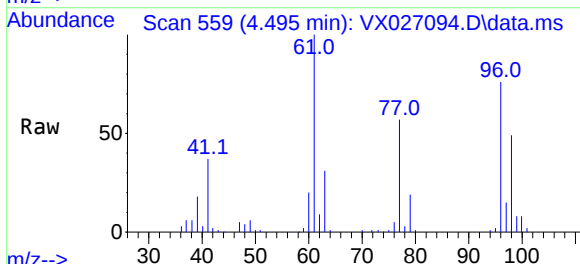
Manual Integrations
APPROVED

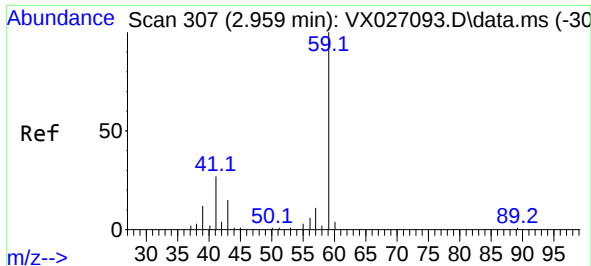
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#22
cis-1,2-Dichloroethene
Concen: 49.301 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

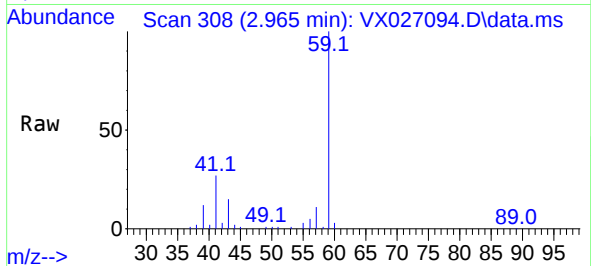
Tgt Ion: 96 Resp: 53740
Ion Ratio Lower Upper
96 100
61 140.5 114.3 171.5
98 64.5 51.7 77.5





#23
tert-Butyl Alcohol
Concen: 216.876 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

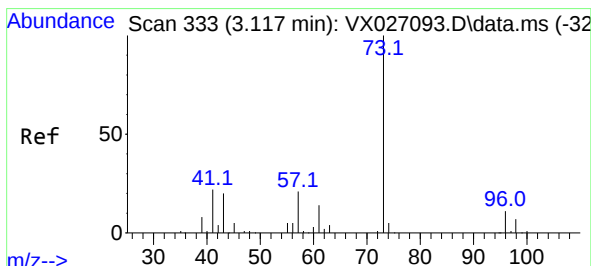
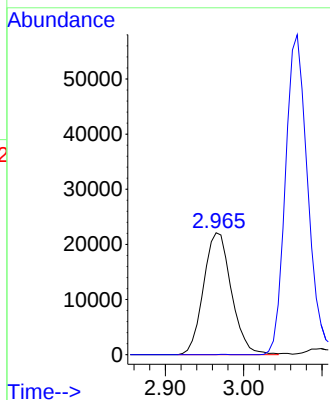
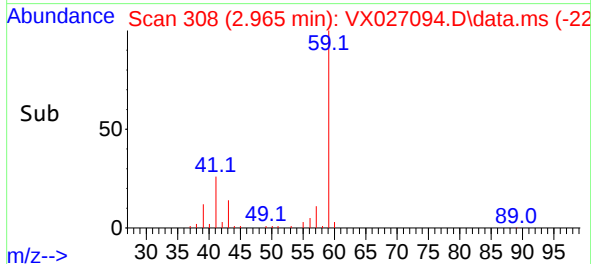
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 59 Resp: 54662
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

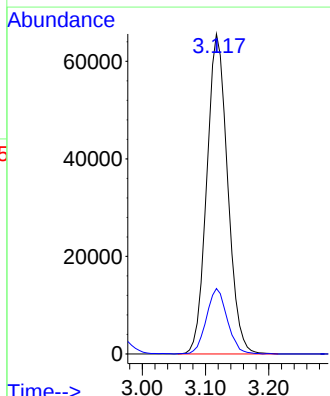
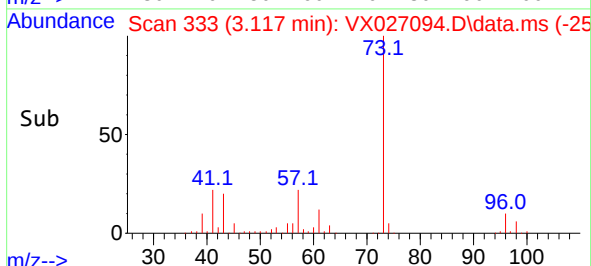
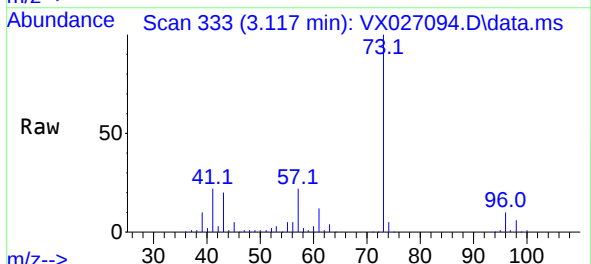
Manual Integrations
APPROVED

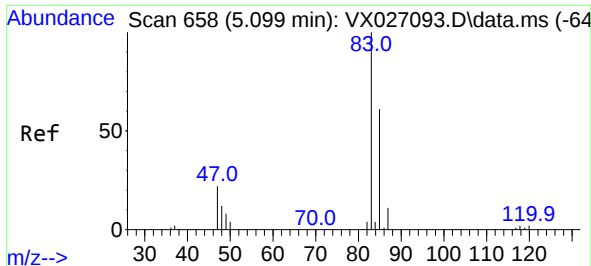
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#24
Methyl tert-Butyl Ether
Concen: 49.066 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 73 Resp: 150390
Ion Ratio Lower Upper
73 100
43 20.4 16.2 24.4





#25

Chloroform

Concen: 47.657 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 83 Resp: 85810

Ion Ratio Lower Upper

83 100

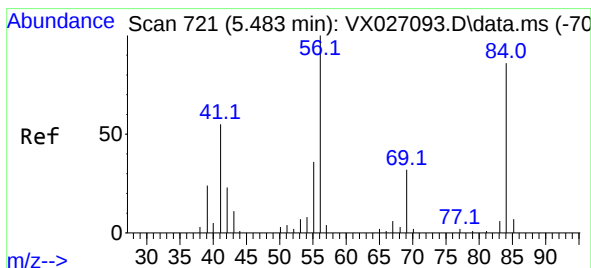
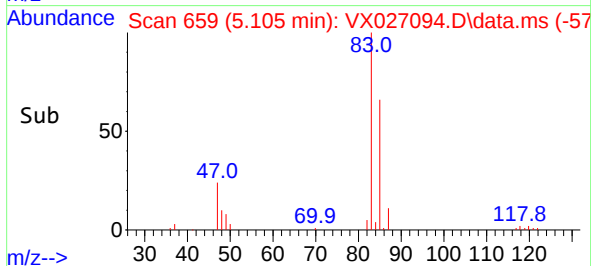
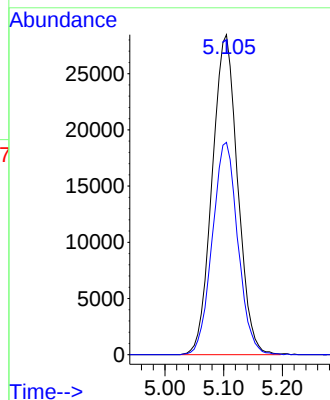
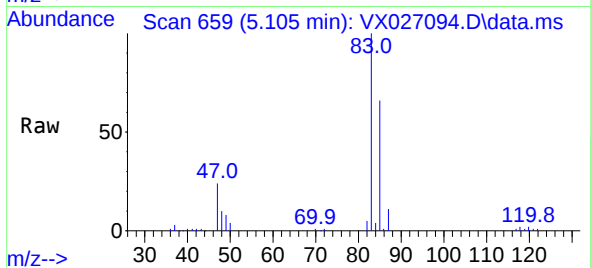
85 66.4 48.4 72.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#26

Cyclohexane

Concen: 49.635 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.006 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

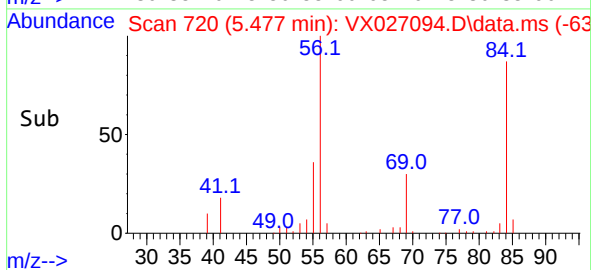
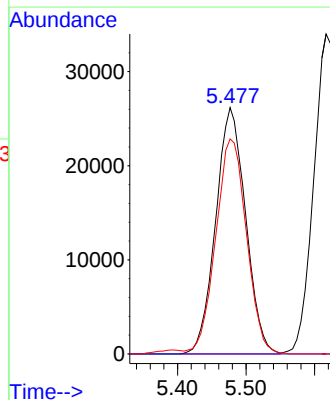
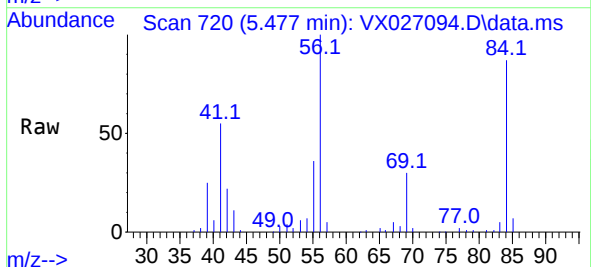
Tgt Ion: 56 Resp: 79325

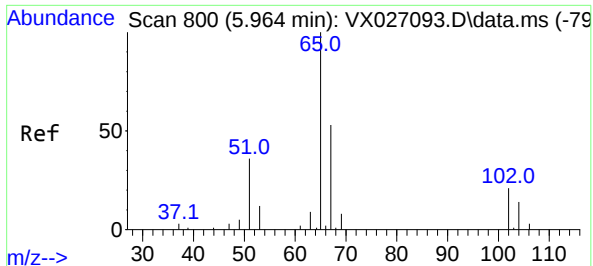
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.7 71.9 107.9





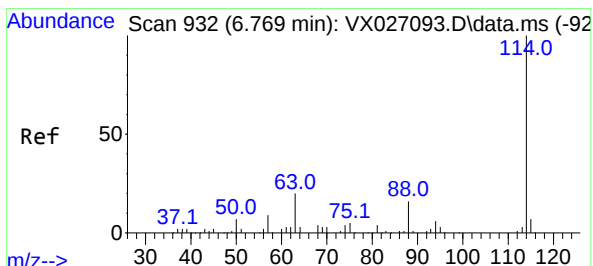
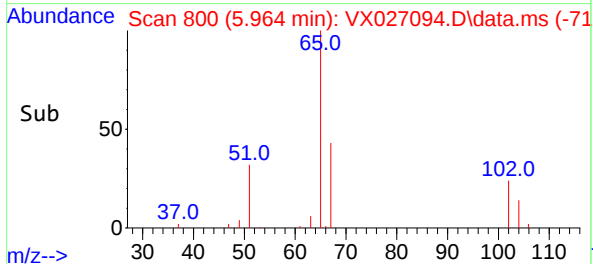
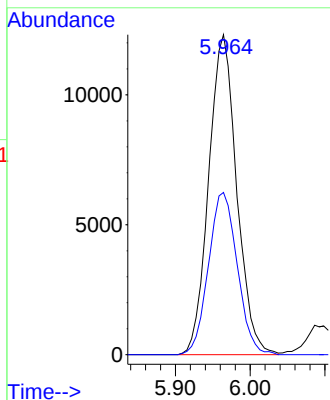
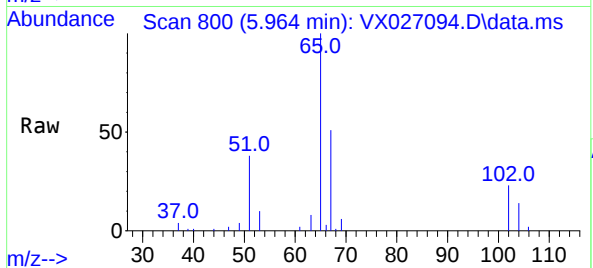
#27
1,2-Dichloroethane-d4
Concen: 28.265 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 65 Resp: 3208
Ion Ratio Lower Upper
65 100
67 52.2 41.4 62.2

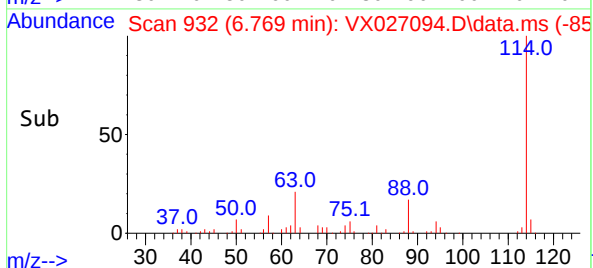
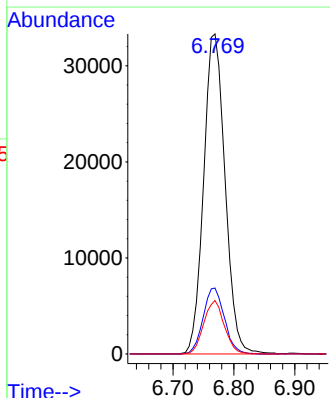
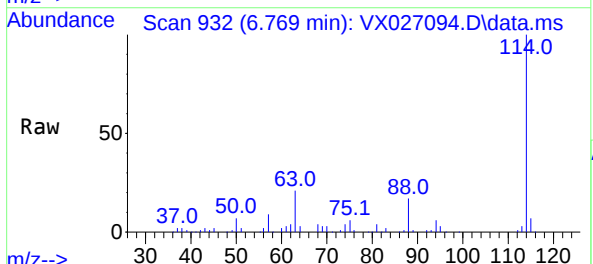
Manual Integrations
APPROVED

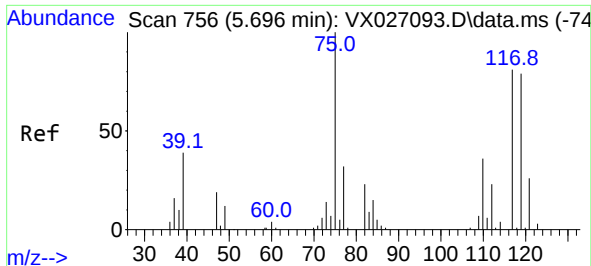
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion:114 Resp: 81463
Ion Ratio Lower Upper
114 100
63 20.4 16.2 24.2
88 16.0 12.7 19.1





#29
1,1-Dichloropropene
Concen: 50.001 ug/l
RT: 5.702 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

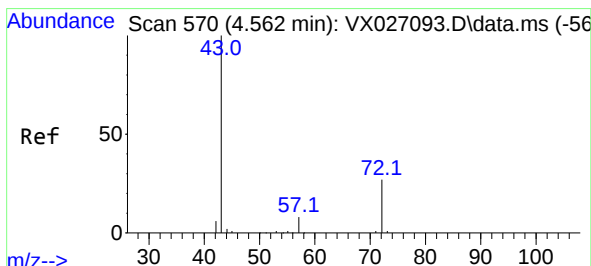
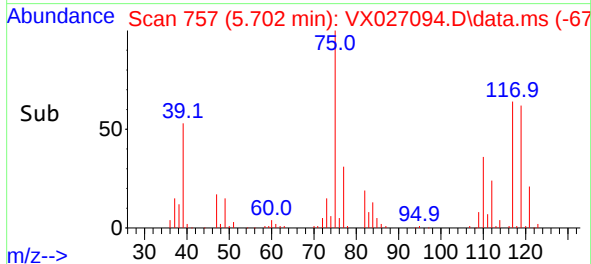
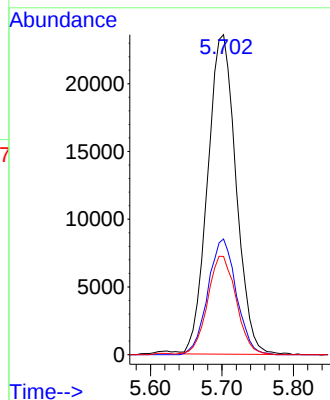
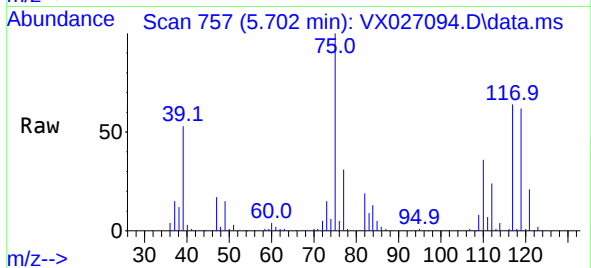
VSTDIC050

Tgt Ion: 75 Resp: 6499
Ion Ratio Lower Upper
75 100
110 36.2 0.0 72.6
77 31.1 0.0 62.4

Manual Integrations

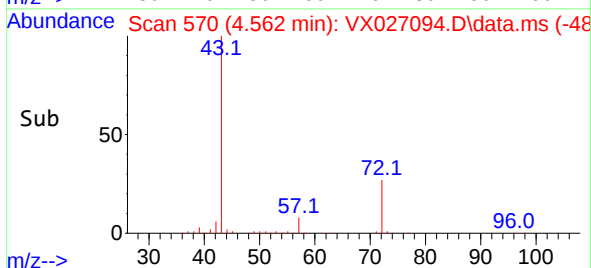
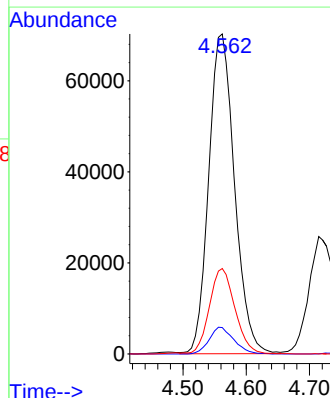
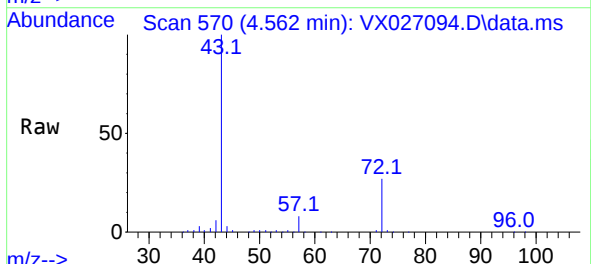
APPROVED

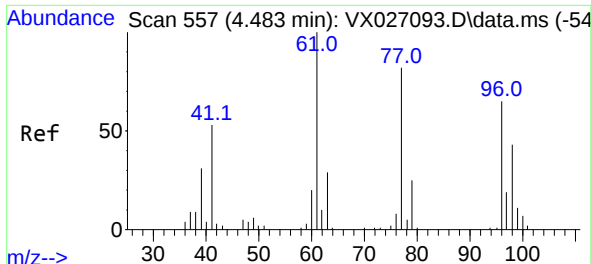
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#30
2-Butanone
Concen: 237.281 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 43 Resp: 199583
Ion Ratio Lower Upper
43 100
57 8.0 6.6 9.8
72 26.4 21.0 31.6





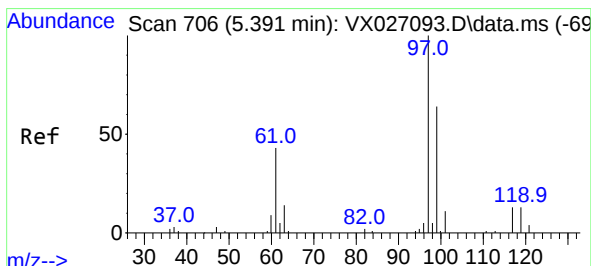
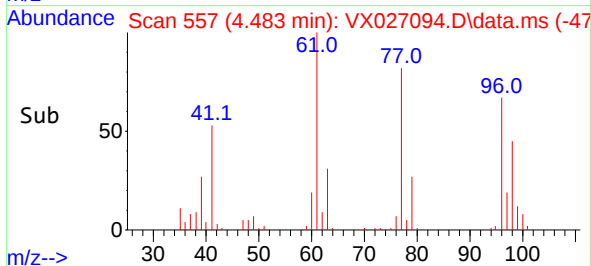
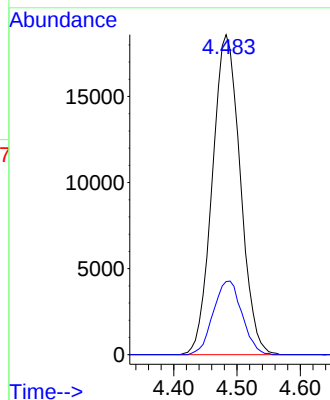
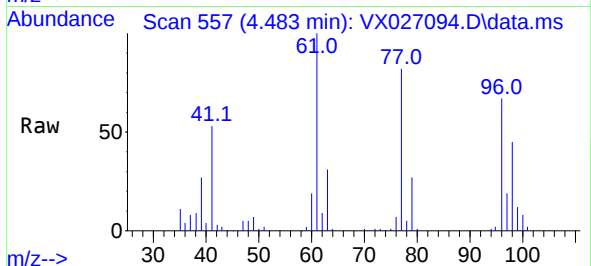
#31
2,2-Dichloropropane
Concen: 41.224 ug/l
RT: 4.483 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 77 Resp: 57040
Ion Ratio Lower Upper
77 100
97 23.6 19.4 29.2

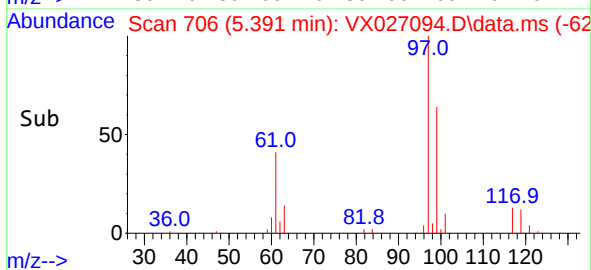
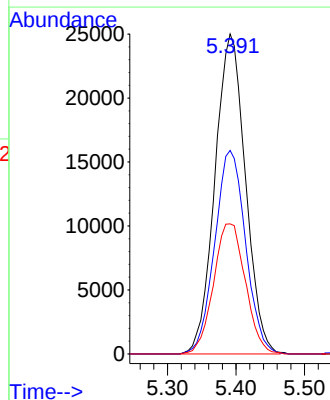
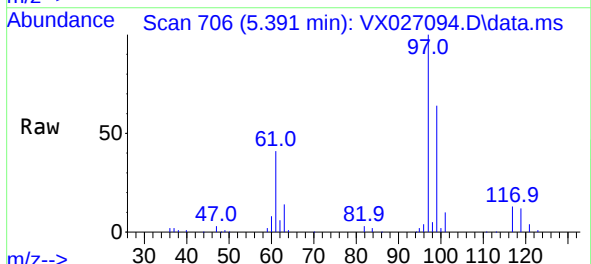
Manual Integrations
APPROVED

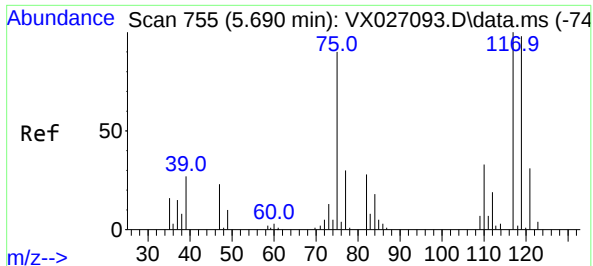
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#32
1,1,1-Trichloroethane
Concen: 49.775 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

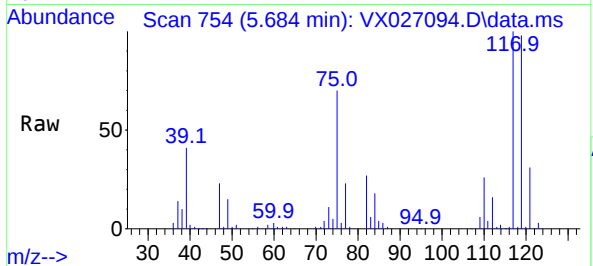
Tgt Ion: 97 Resp: 77325
Ion Ratio Lower Upper
97 100
99 64.4 50.6 76.0
61 42.5 34.6 52.0





#33
Carbon Tetrachloride
Concen: 50.363 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

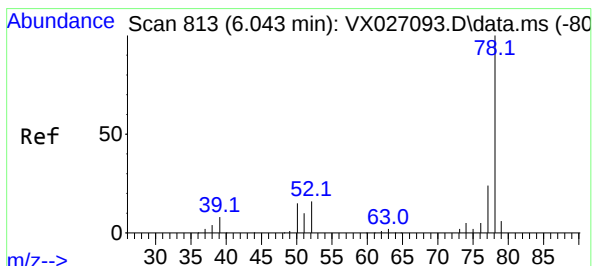
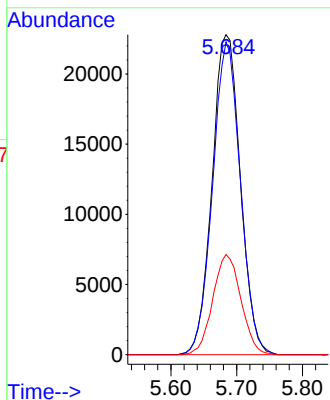
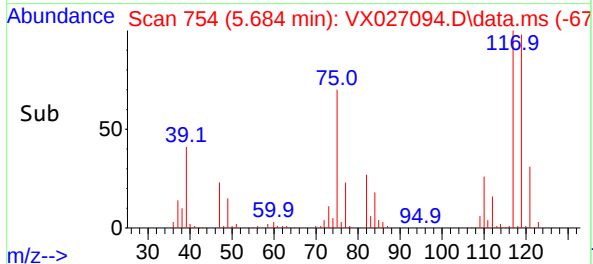
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



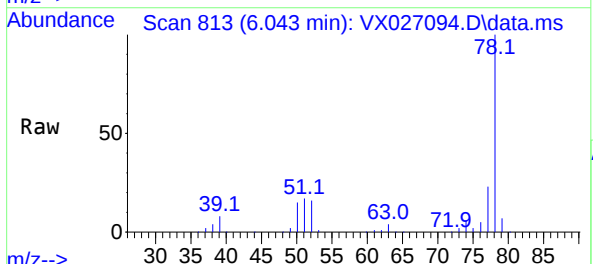
Tgt Ion:117 Resp: 68140
Ion Ratio Lower Upper
117 100
119 97.8 78.1 117.1
121 31.3 24.7 37.1

Manual Integrations
APPROVED

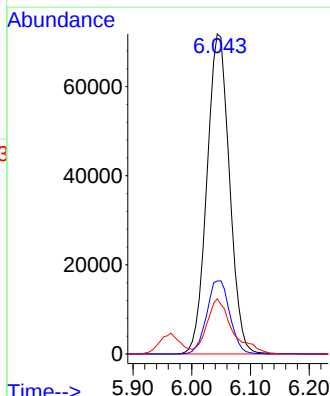
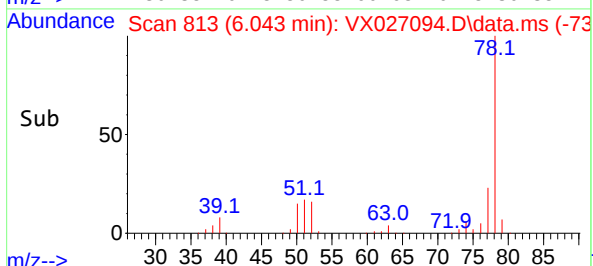
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

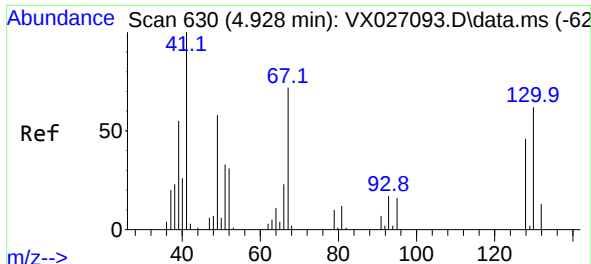


#34
Benzene
Concen: 49.464 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



Tgt Ion: 78 Resp: 191423
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3
51 17.1 13.4 20.2





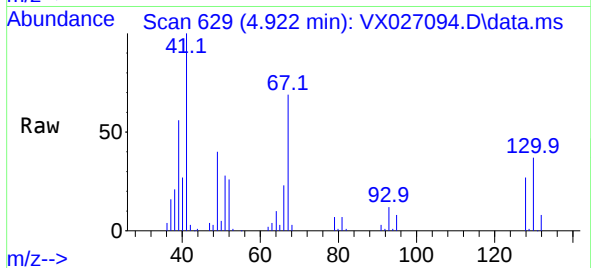
#35
Methacrylonitrile
Concen: 48.230 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

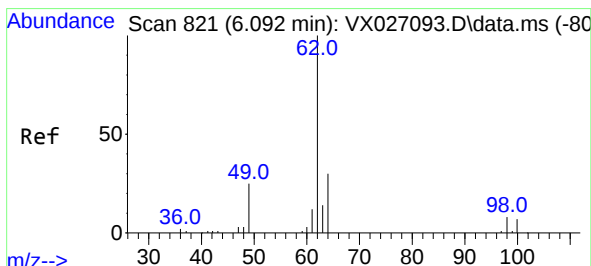
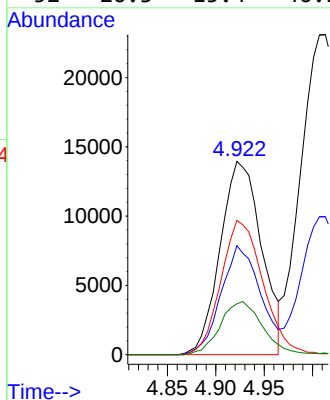
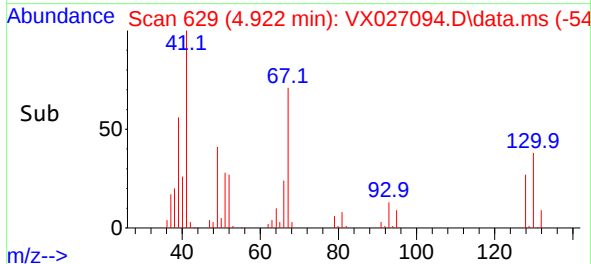


Tgt Ion: 41 Resp: 41528
Ion Ratio Lower Upper
41 100
39 56.4 27.4 82.0
67 69.4 36.1 108.3
52 26.3 15.4 46.1

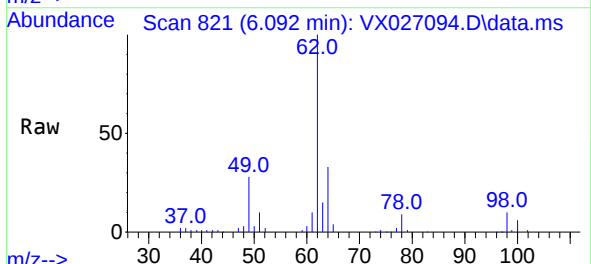
Manual Integrations

APPROVED

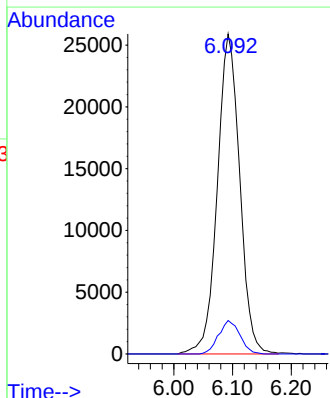
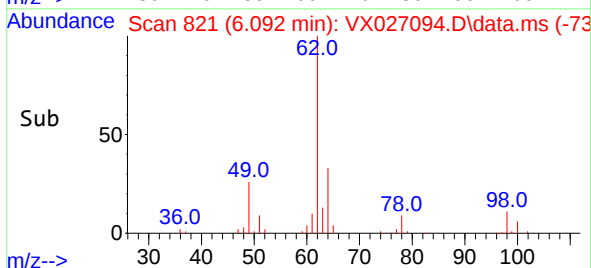
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

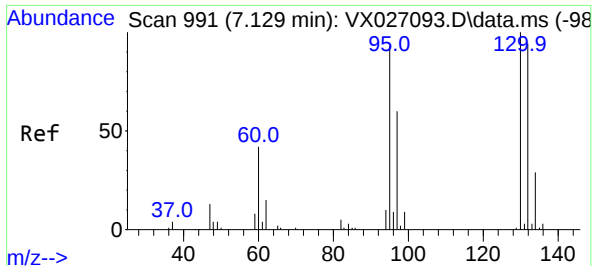


#36
1,2-Dichloroethane
Concen: 46.776 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



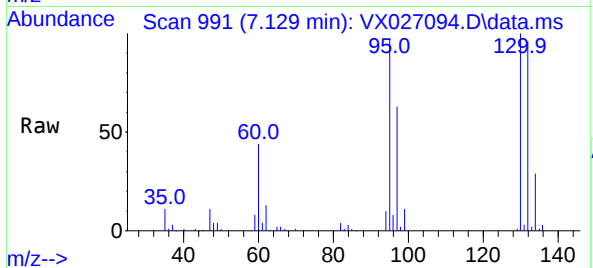
Tgt Ion: 62 Resp: 68498
Ion Ratio Lower Upper
62 100
98 9.9 7.6 11.4





#37
Trichloroethene
Concen: 53.105 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

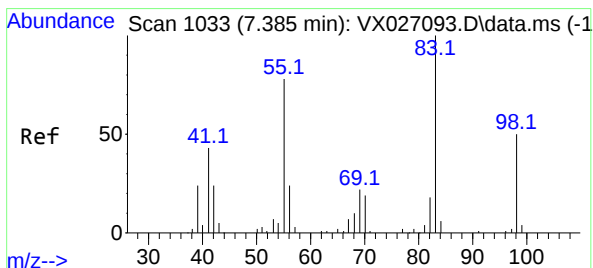
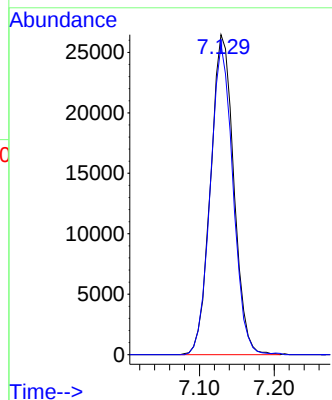
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:130 Resp: 56979
Ion Ratio Lower Upper
130 100
95 96.9 74.7 112.1

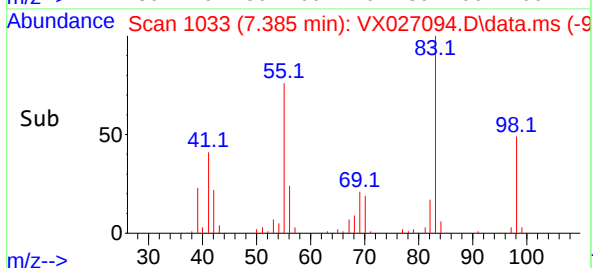
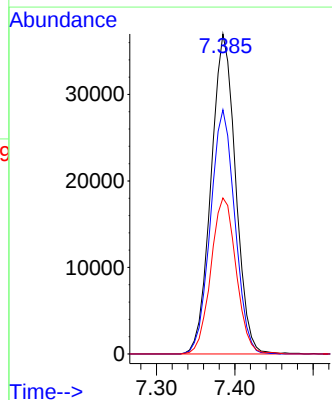
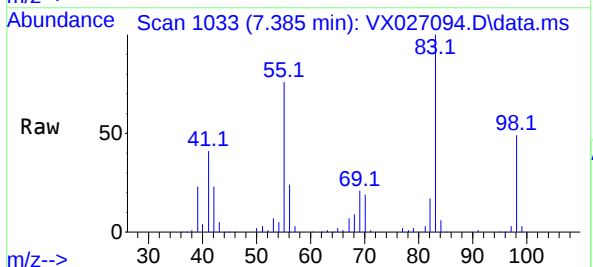
Manual Integrations
APPROVED

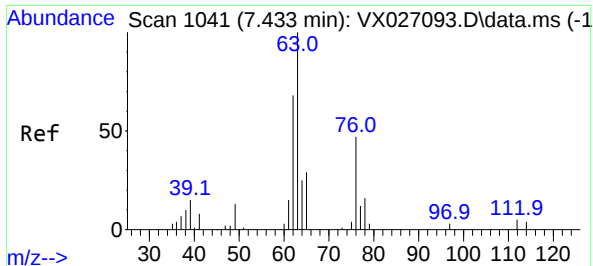
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#38
Methylcyclohexane
Concen: 48.999 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 83 Resp: 80384
Ion Ratio Lower Upper
83 100
55 76.2 37.6 112.9
98 50.0 24.6 73.6





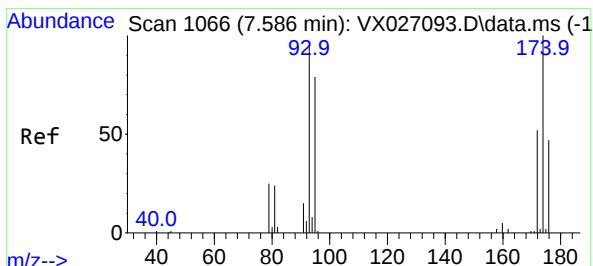
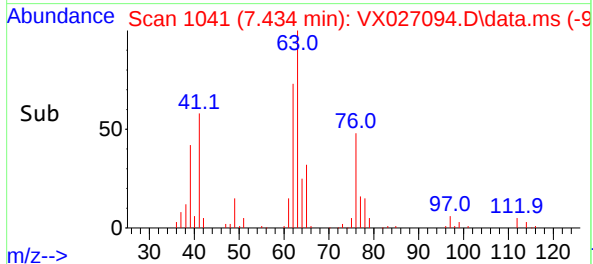
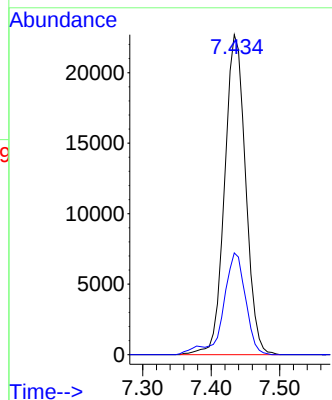
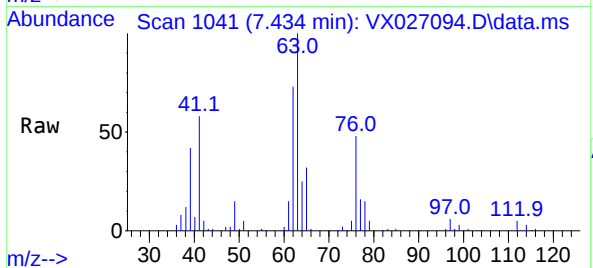
#39
1,2-Dichloropropane
Concen: 47.927 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 4825
Ion Ratio Lower Upper
63 100
65 31.8 24.6 37.0

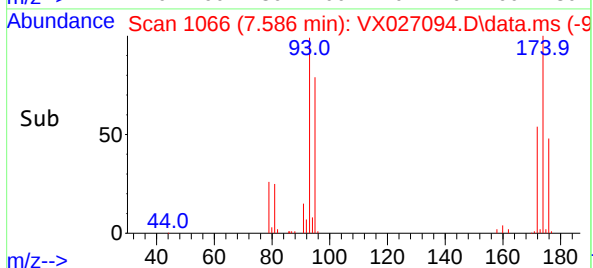
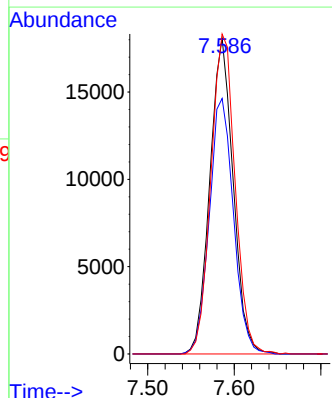
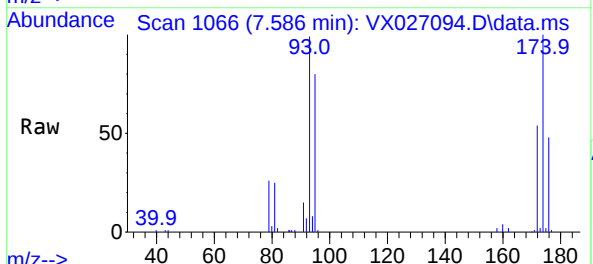
Manual Integrations
APPROVED

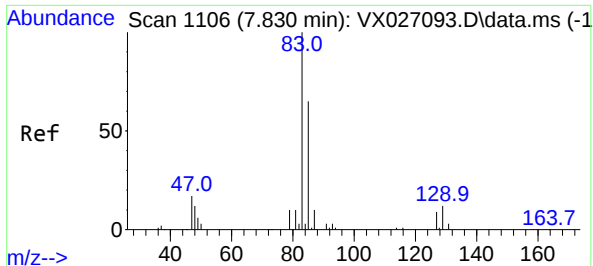
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#40
Dibromomethane
Concen: 47.518 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

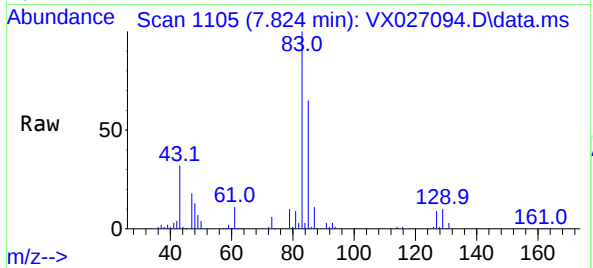
Tgt Ion: 93 Resp: 33941
Ion Ratio Lower Upper
93 100
95 83.5 0.0 166.2
174 104.3 0.0 205.8





#41
Bromodichloromethane
Concen: 50.363 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

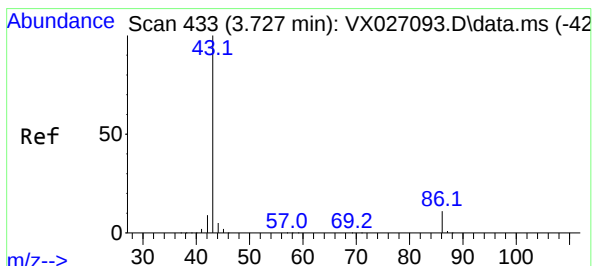
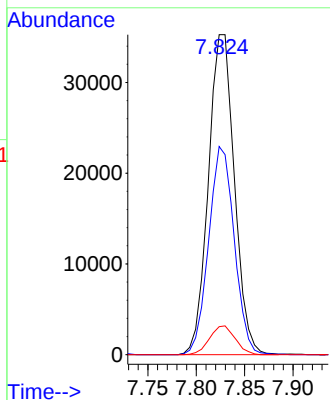
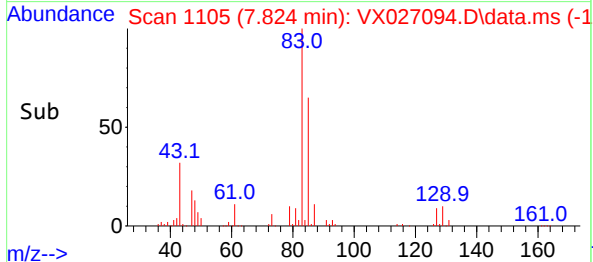
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



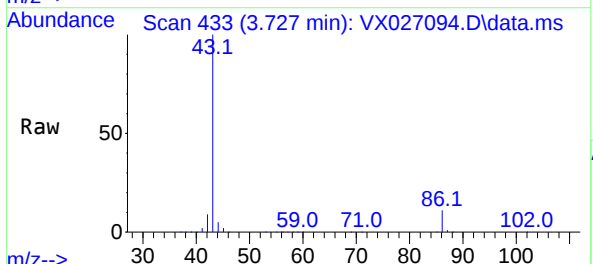
Tgt Ion: 83 Resp: 6617
Ion Ratio Lower Upper
83 100
85 65.0 51.6 77.4
127 8.8 7.2 10.8

Manual Integrations
APPROVED

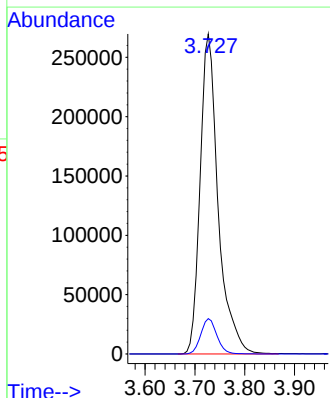
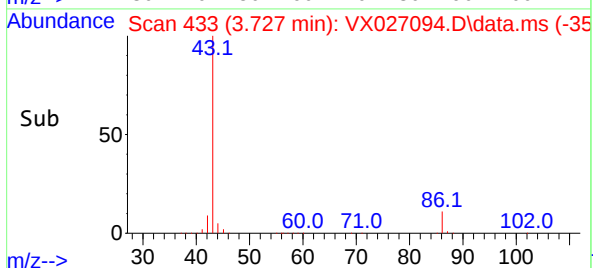
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

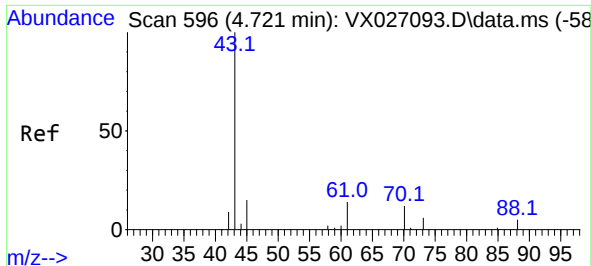


#42
Vinyl Acetate
Concen: 243.479 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



Tgt Ion: 43 Resp: 677556
Ion Ratio Lower Upper
43 100
86 9.8 7.8 11.6





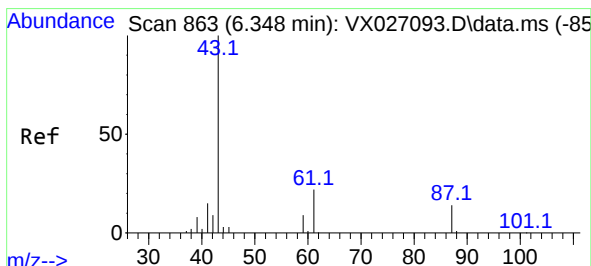
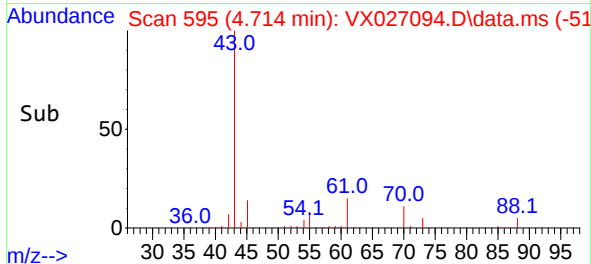
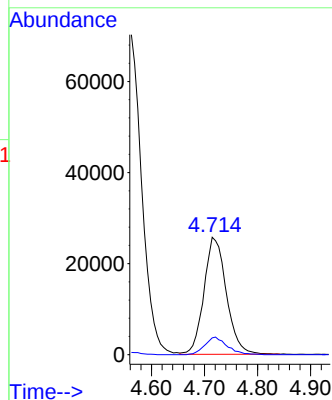
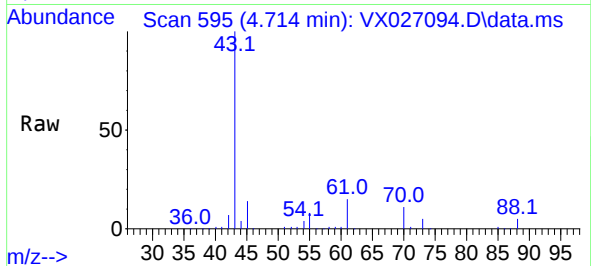
#43
Ethyl Acetate
Concen: 47.664 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 7546
Ion Ratio Lower Upper
43 100
45 14.9 12.0 18.0

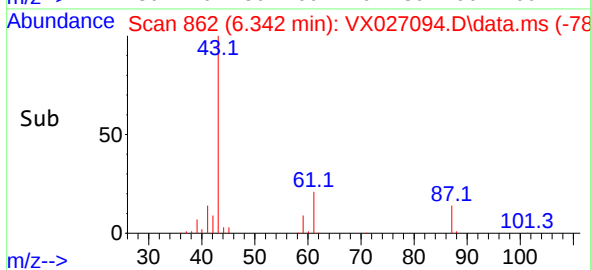
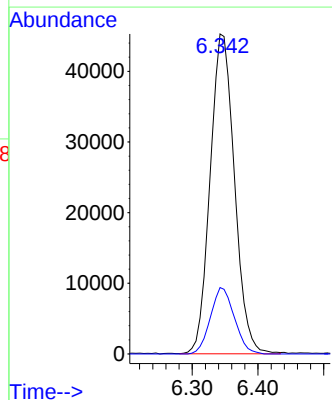
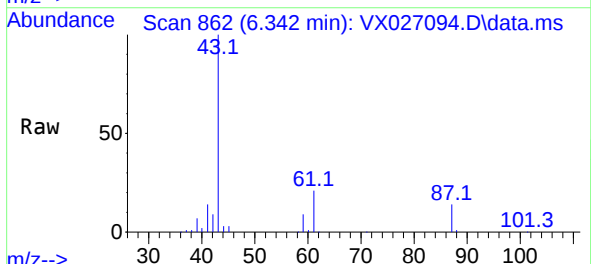
Manual Integrations
APPROVED

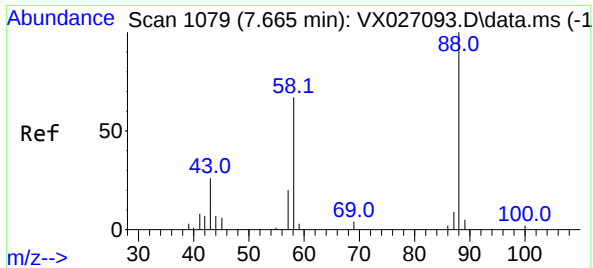
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#44
Isopropyl Acetate
Concen: 46.517 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 43 Resp: 116704
Ion Ratio Lower Upper
43 100
61 20.4 16.4 24.6





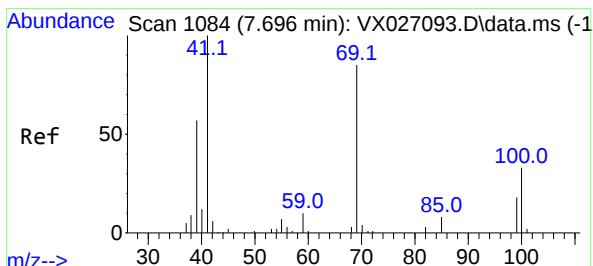
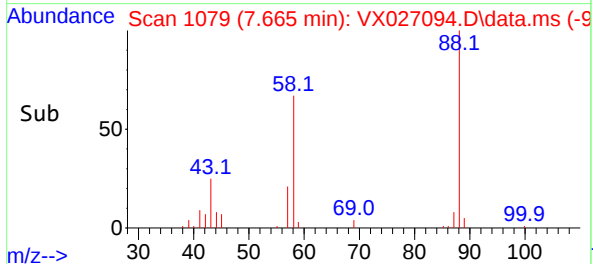
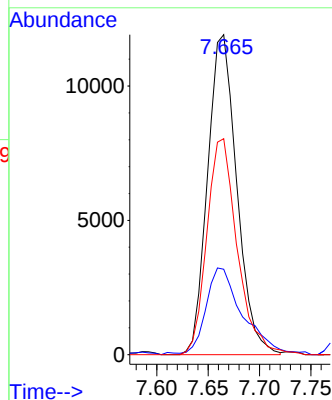
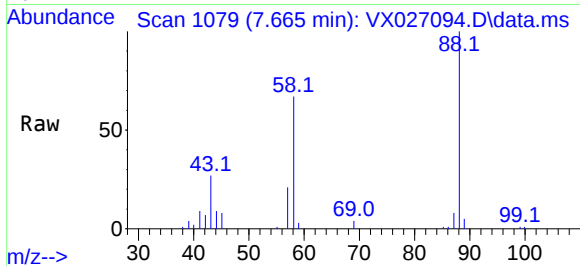
#45
1,4-Dioxane
Concen: 914.567 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 88 Resp: 2357
Ion Ratio Lower Upper
88 100
43 32.3 28.3 42.5
58 70.3 55.4 83.2

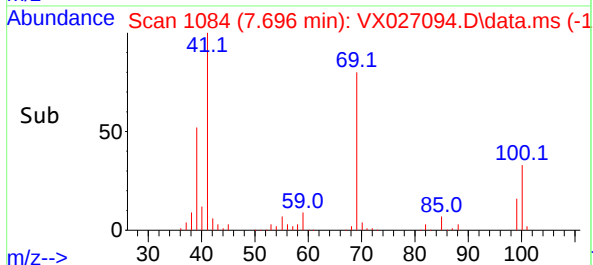
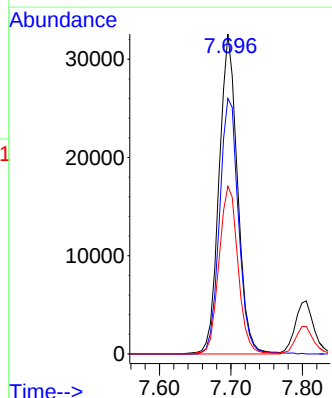
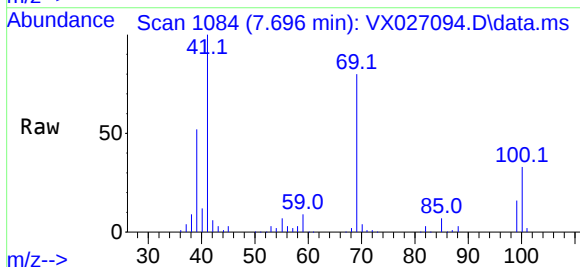
Manual Integrations
APPROVED

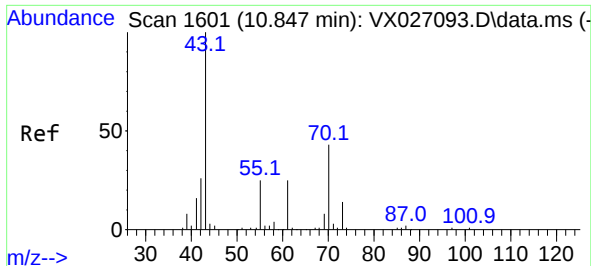
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#46
Methyl methacrylate
Concen: 48.034 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 41 Resp: 58351
Ion Ratio Lower Upper
41 100
69 79.8 42.6 127.8
39 52.4 28.4 85.3





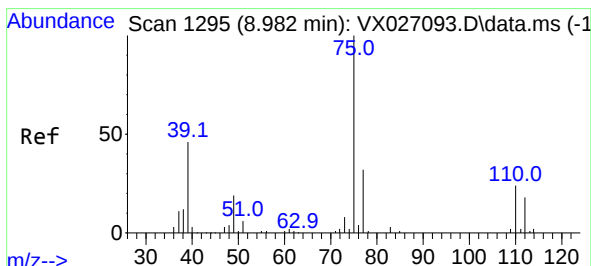
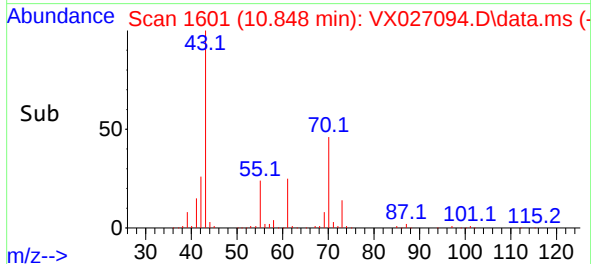
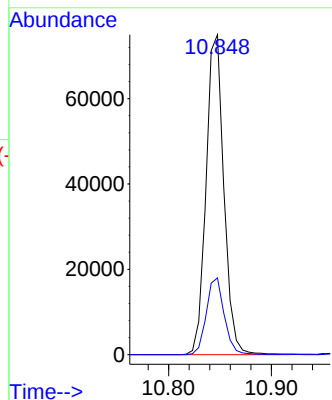
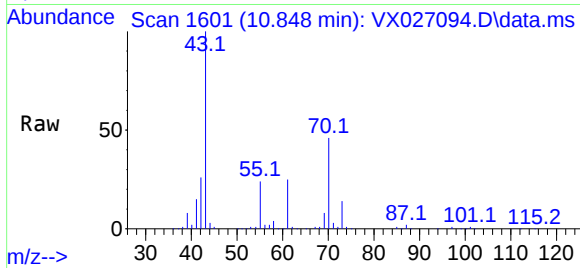
#47
n-amy1 Acetate
Concen: 42.820 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 9037
Ion Ratio Lower Upper
43 100
55 24.2 19.7 29.5

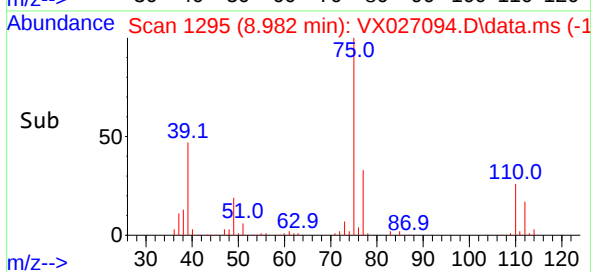
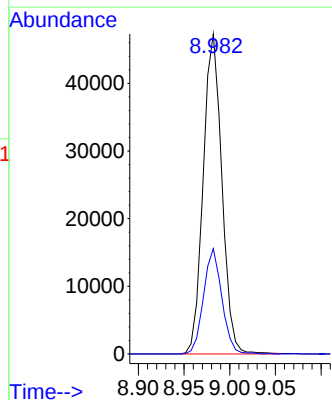
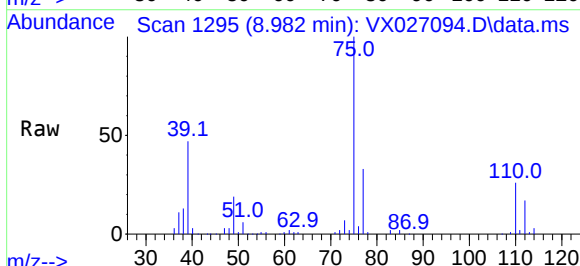
Manual Integrations
APPROVED

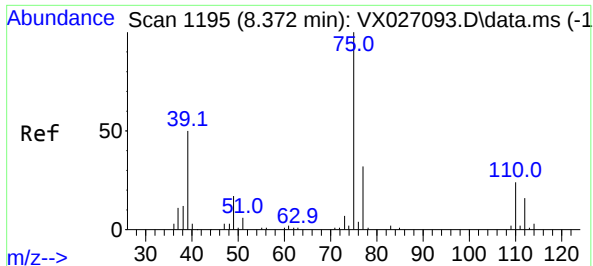
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#48
t-1,3-Dichloropropene
Concen: 45.263 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 75 Resp: 67056
Ion Ratio Lower Upper
75 100
77 32.9 25.9 38.9





#49

cis-1,3-Dichloropropene

Concen: 47.279 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

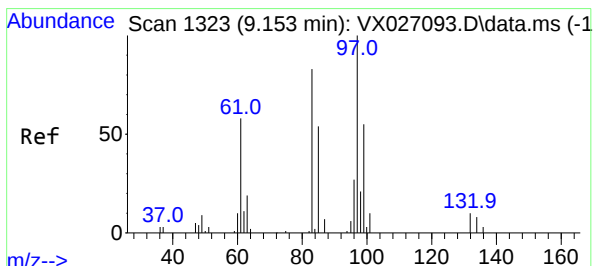
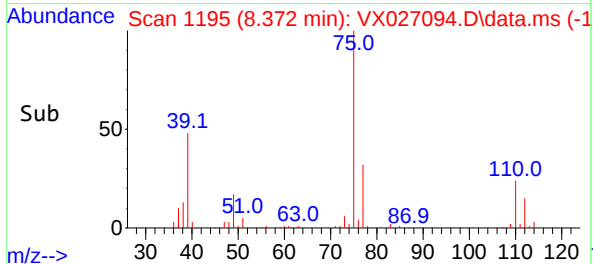
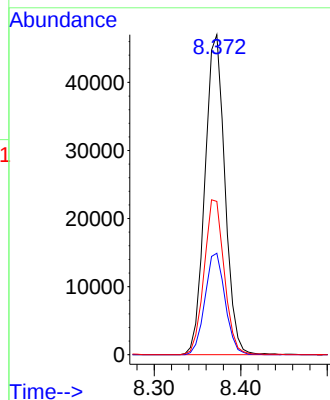
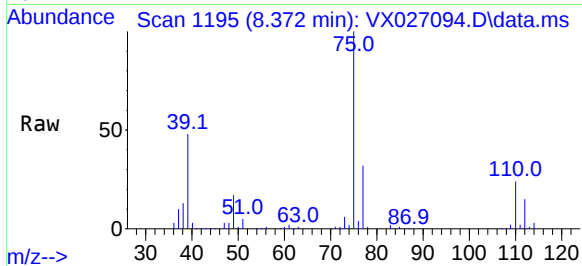
Tgt Ion: 75	Resp: 75250
Ion Ratio	Lower Upper
75	100
77	31.7 25.8 38.8
39	47.9 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#50

1,1,2-Trichloroethane

Concen: 45.136 ug/l

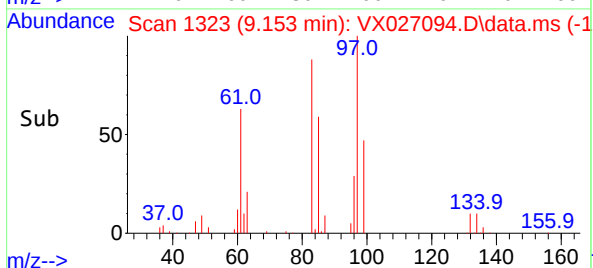
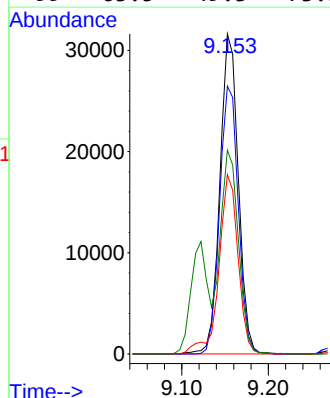
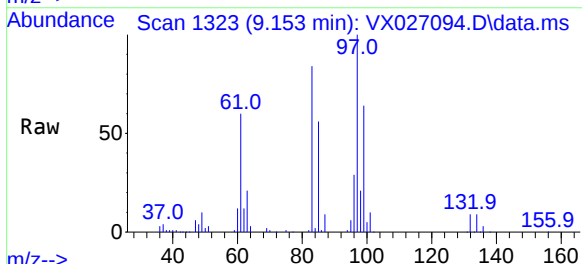
RT: 9.153 min Scan# 1323

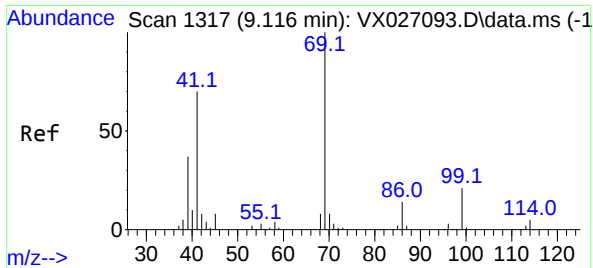
Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Tgt Ion: 97	Resp: 46707
Ion Ratio	Lower Upper
97	100
83	83.7 66.5 99.7
85	56.0 43.8 65.8
99	63.5 49.3 73.9





#51
Ethyl methacrylate
Concen: 46.890 ug/l
RT: 9.122 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

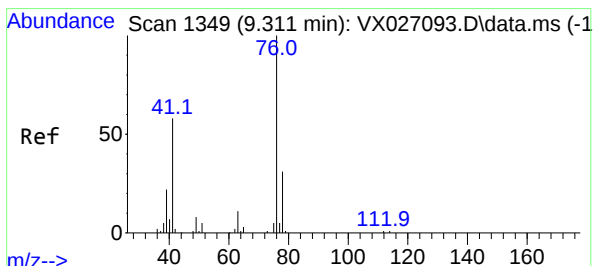
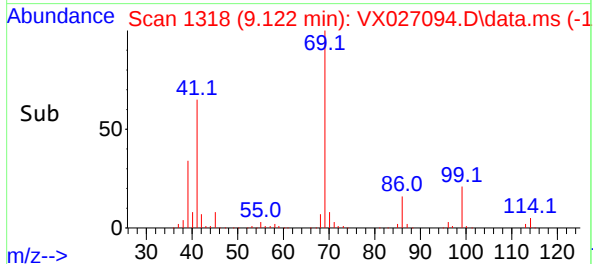
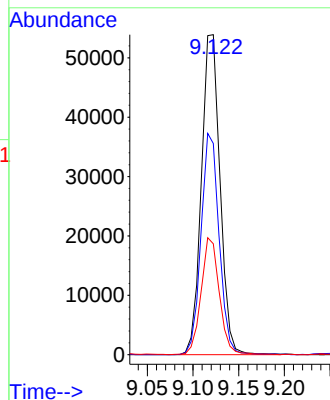
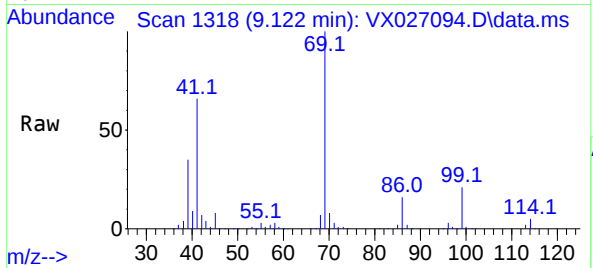
Tgt Ion: 69 Resp: 76719
Ion Ratio Lower Upper
69 100
41 65.9 34.8 104.3
39 34.7 18.5 55.5

Manual Integrations

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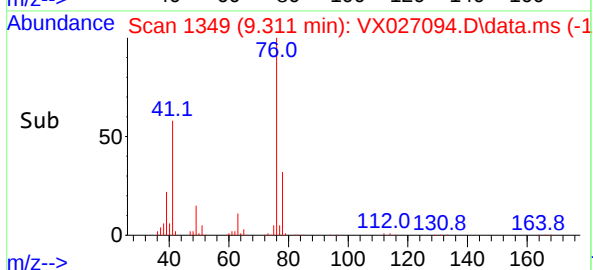
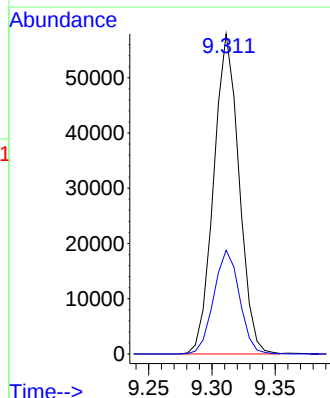
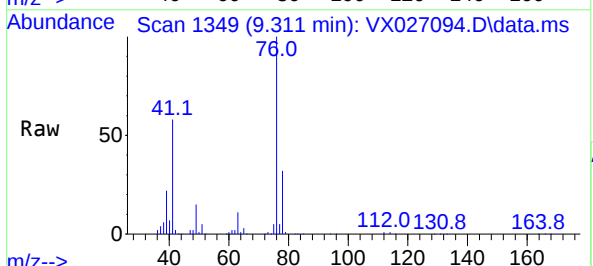
Reviewed By :John Carlone 02/18/2022

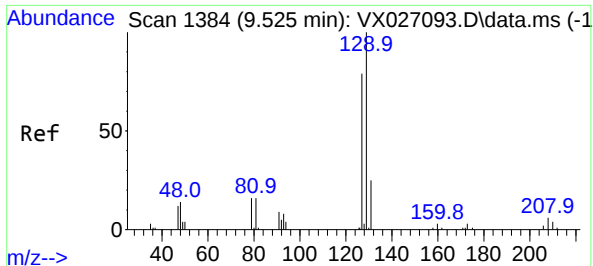
Supervised By :Mahesh Dadoda 02/21/2022



#52
1,3-Dichloropropane
Concen: 47.422 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 76 Resp: 80657
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.2





#53

Dibromochloromethane

Concen: 47.986 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:129 Resp: 50069

Ion Ratio Lower Upper

129 100

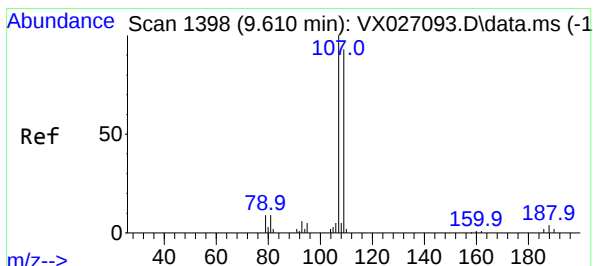
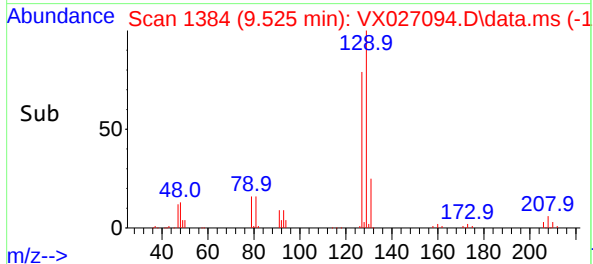
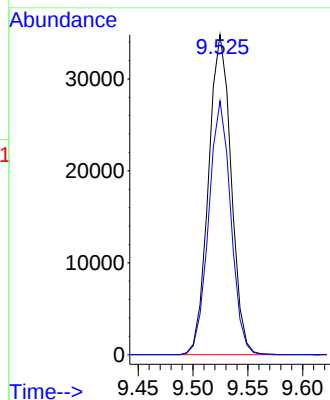
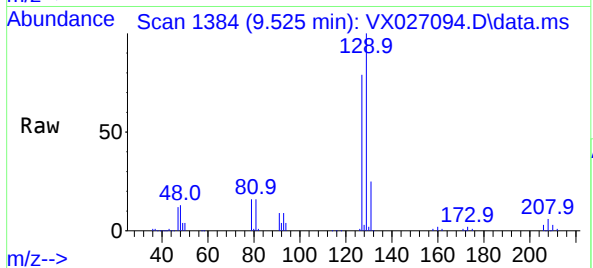
127 77.3 38.4 115.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#54

1,2-Dibromoethane

Concen: 46.602 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX027094.D

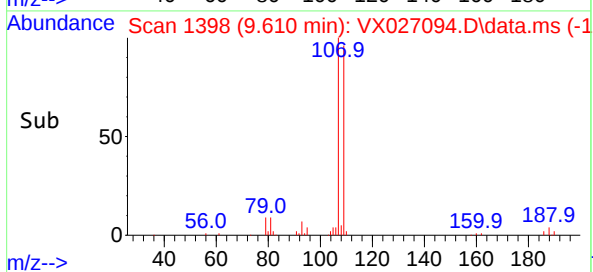
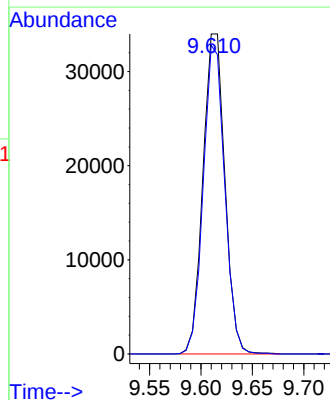
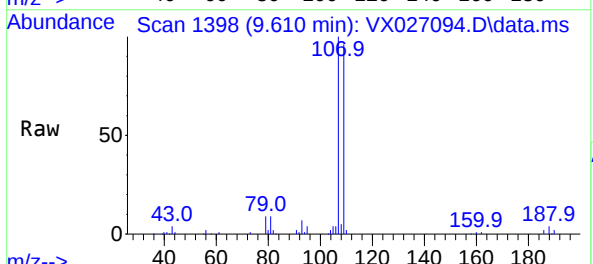
Acq: 17 Feb 2022 22:44

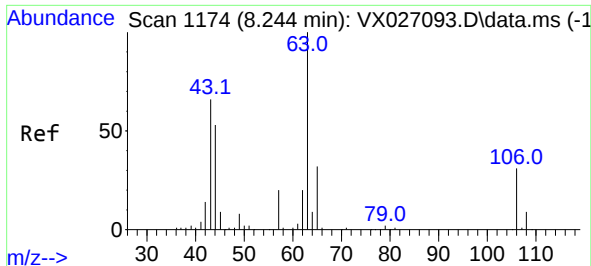
Tgt Ion:107 Resp: 50636

Ion Ratio Lower Upper

107 100

109 94.1 75.5 113.3





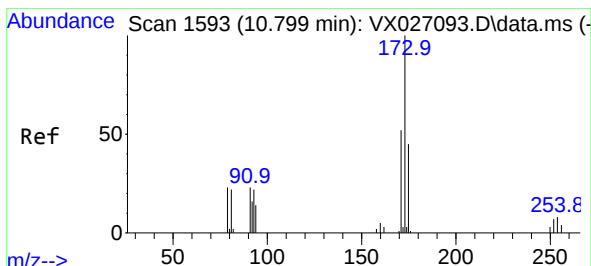
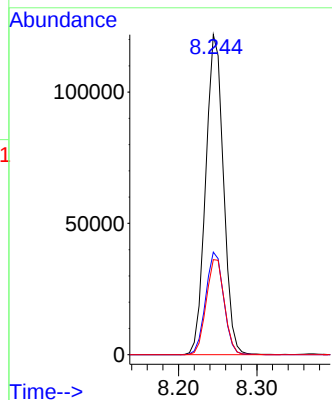
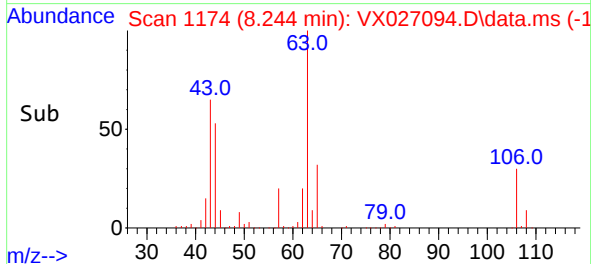
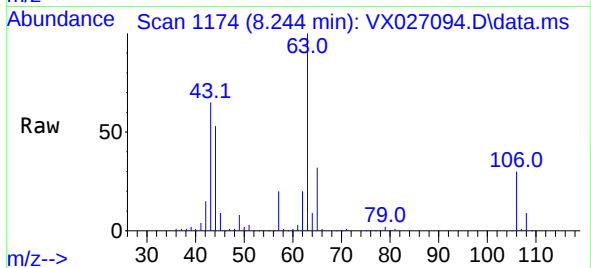
#55
2-Chloroethyl vinyl ether
Concen: 242.801 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 191514
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 30.3 24.2 36.4

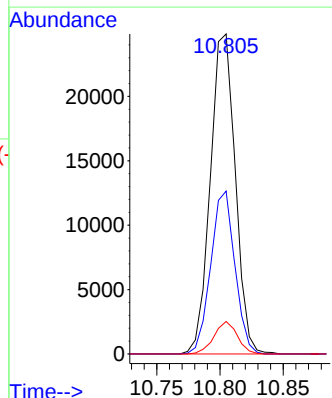
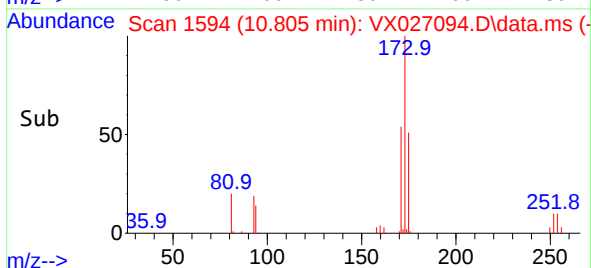
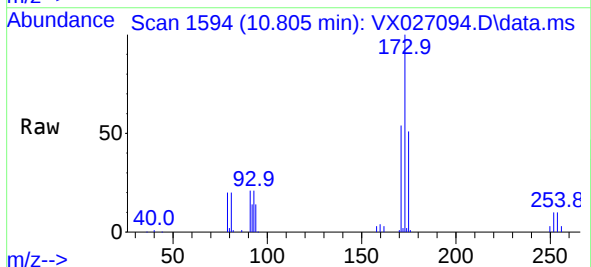
Manual Integrations
APPROVED

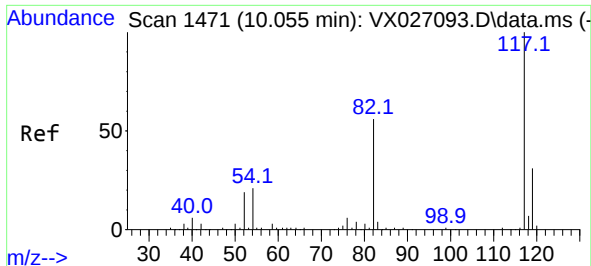
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#56
Bromoform
Concen: 46.177 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion:173 Resp: 34172
Ion Ratio Lower Upper
173 100
175 49.1 38.5 57.7
254 9.5 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: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:117 Resp: 7059

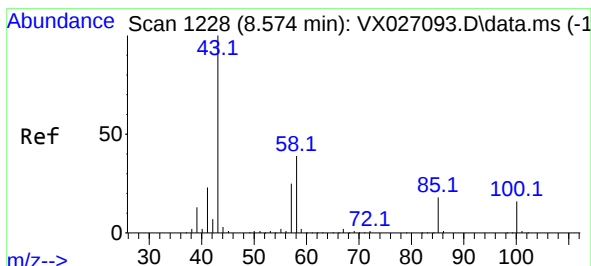
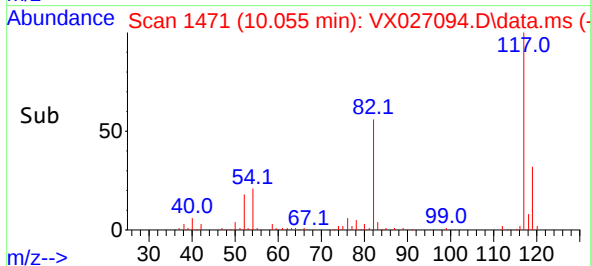
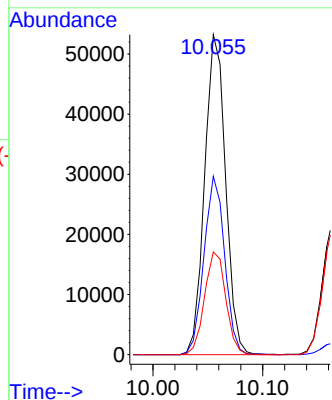
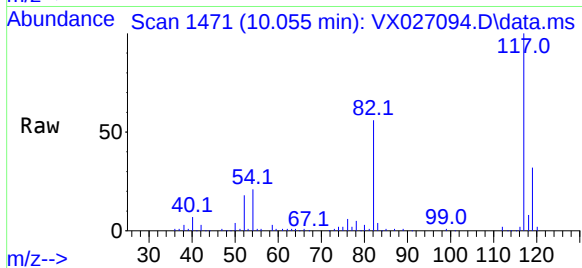
Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.1	66.1
119	32.6	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#58

4-Methyl-2-Pentanone

Concen: 241.321 ug/l

RT: 8.574 min Scan# 1228

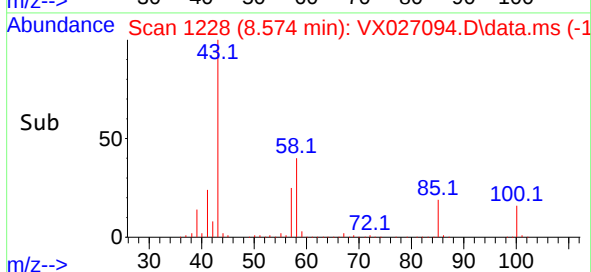
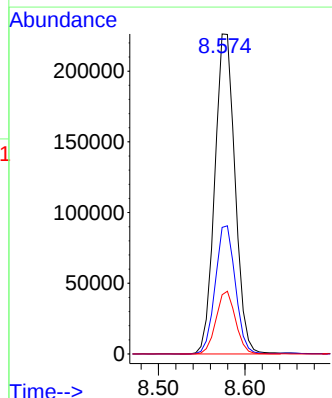
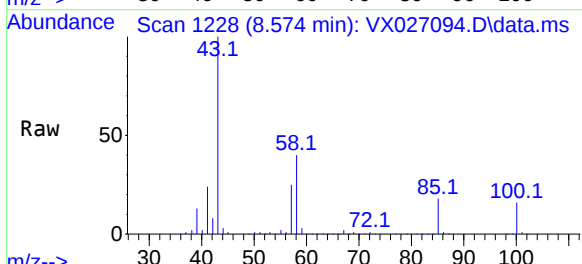
Delta R.T. 0.000 min

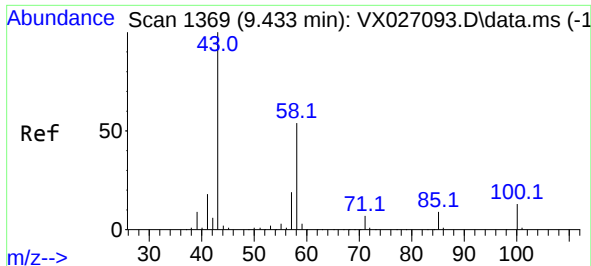
Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Tgt Ion: 43 Resp: 367965

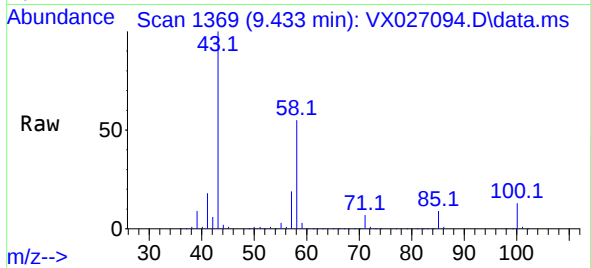
Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.2	46.8
85	18.9	14.8	22.2





#59
2-Hexanone
Concen: 238.069 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

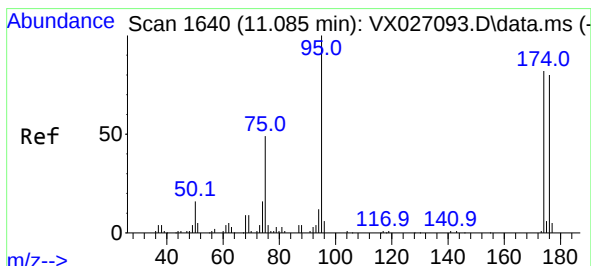
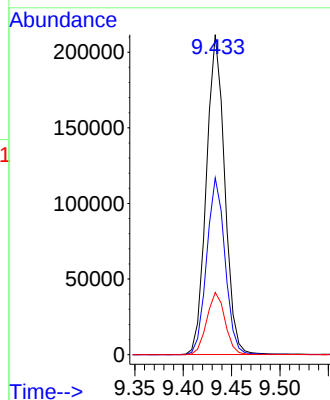
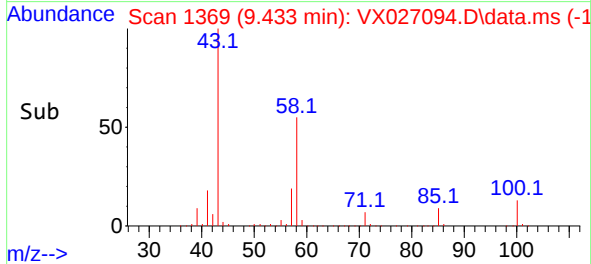
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



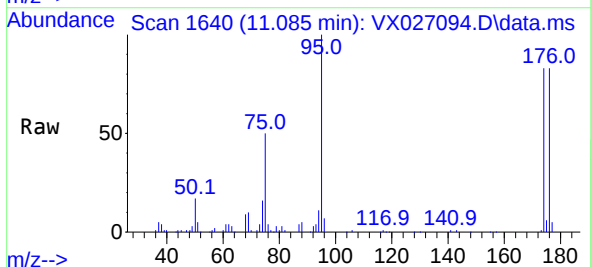
Tgt Ion: 43 Resp: 279085
Ion Ratio Lower Upper
43 100
58 55.2 43.4 65.2
57 19.4 15.4 23.2

Manual Integrations
APPROVED

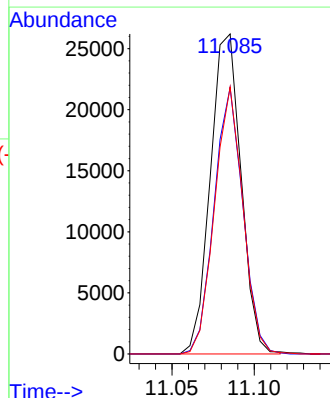
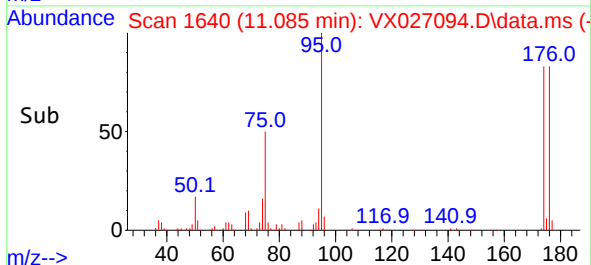
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

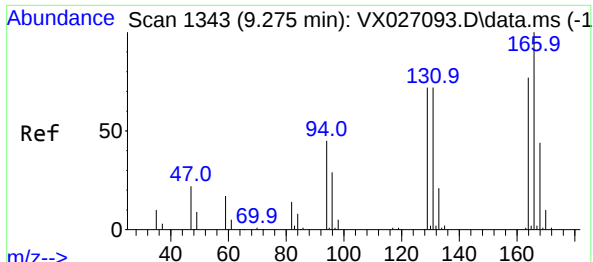


#60
4-Bromofluorobenzene
Concen: 29.290 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



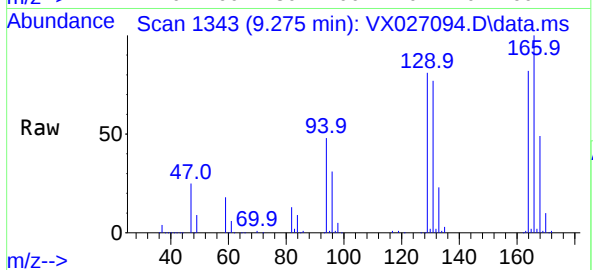
Tgt Ion: 95 Resp: 34013
Ion Ratio Lower Upper
95 100
174 78.0 61.8 92.8
176 76.9 59.4 89.2





#61
Tetrachloroethene
Concen: 57.668 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

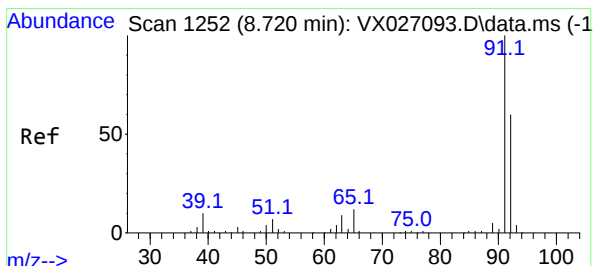
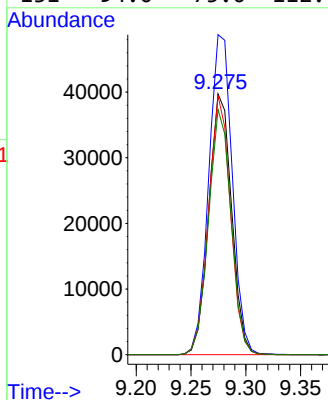
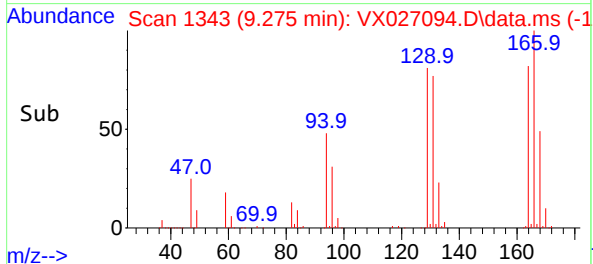
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



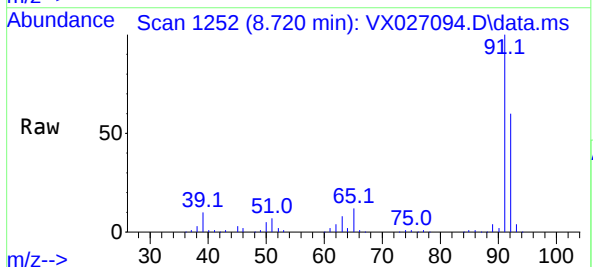
Tgt Ion:164 Resp: 5778
Ion Ratio Lower Upper
164 100
166 122.7 104.6 156.8
129 99.2 75.6 113.4
131 94.0 75.0 112.4

Manual Integrations
APPROVED

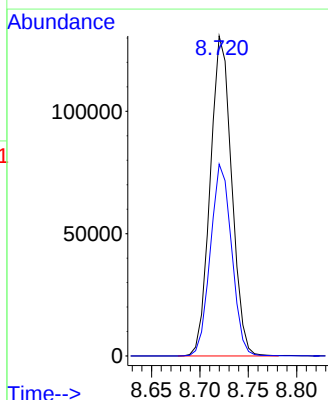
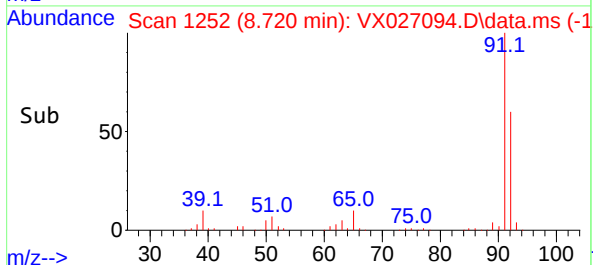
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

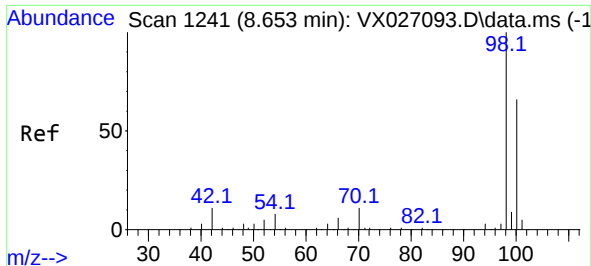


#62
Toluene
Concen: 49.766 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



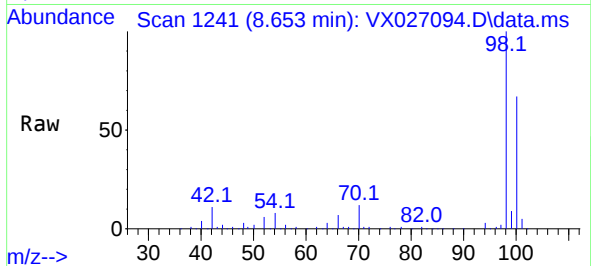
Tgt Ion: 91 Resp: 201174
Ion Ratio Lower Upper
91 100
92 59.4 47.0 70.6





#63
Toluene-d8
Concen: 30.221 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

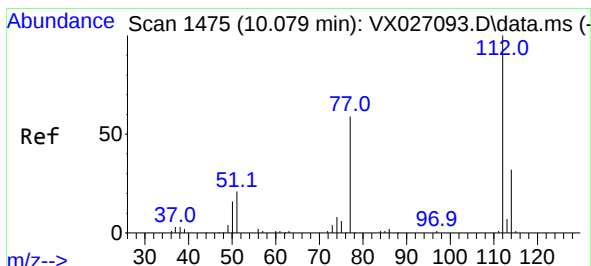
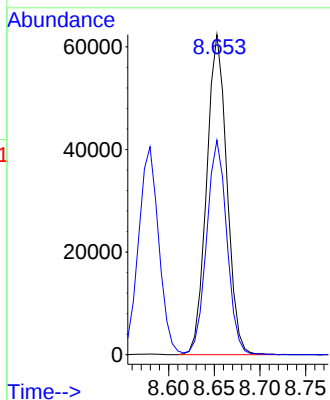
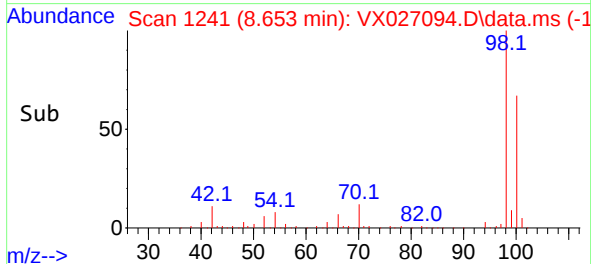
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



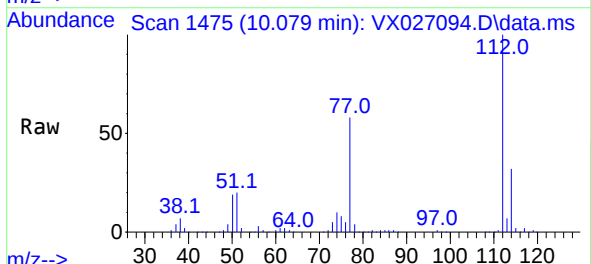
Tgt Ion: 98 Resp: 95830
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8

Manual Integrations
APPROVED

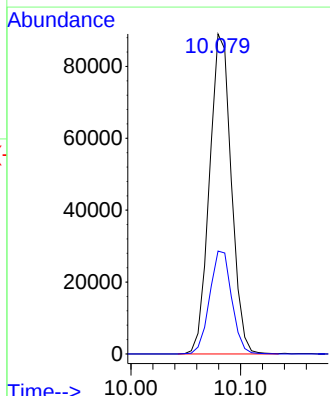
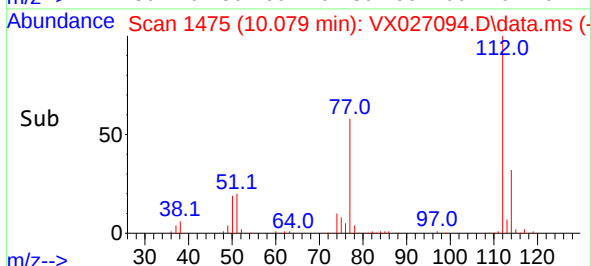
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

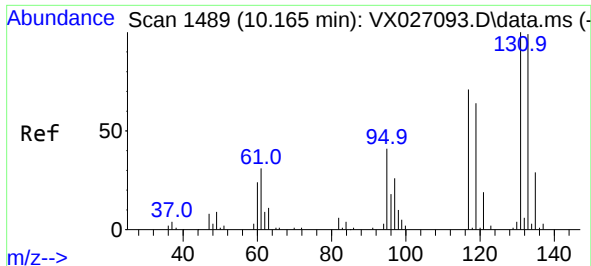


#64
Chlorobenzene
Concen: 48.502 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



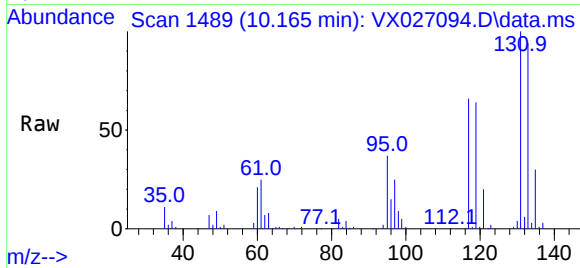
Tgt Ion:112 Resp: 123146
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 49.736 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

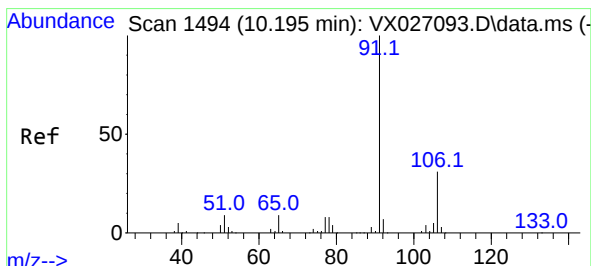
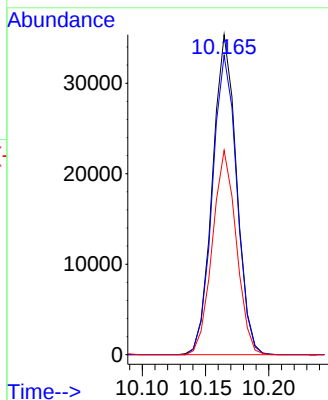
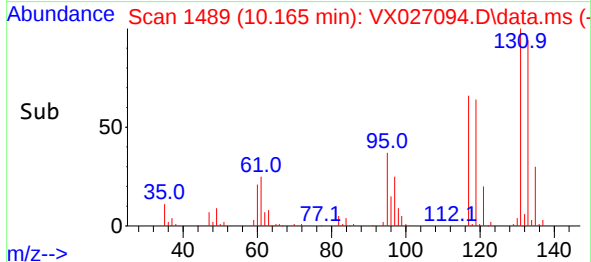
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



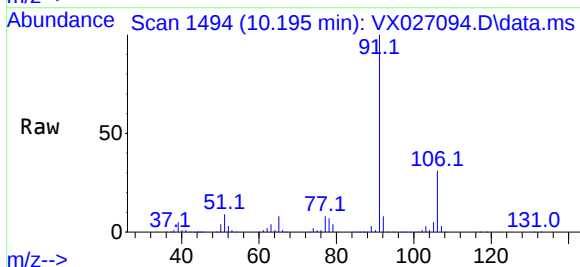
Tgt Ion:131 Resp: 46785
Ion Ratio Lower Upper
131 100
133 94.9 0.0 193.6
119 63.4 0.0 129.4

Manual Integrations
APPROVED

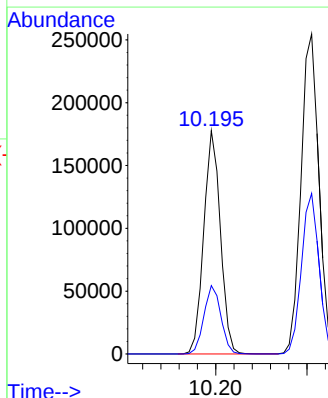
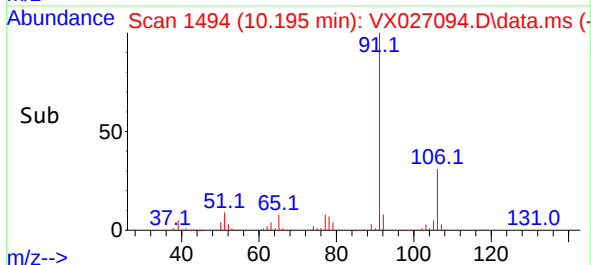
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

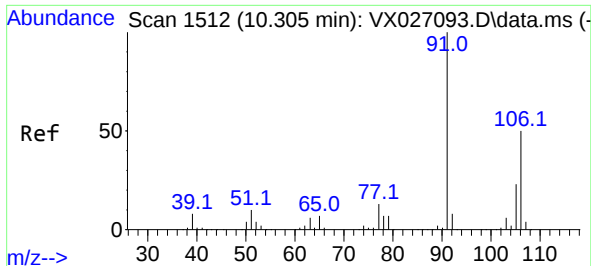


#66
Ethyl Benzene
Concen: 49.954 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



Tgt Ion: 91 Resp: 224057
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4





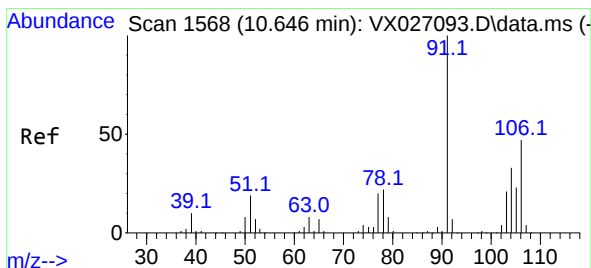
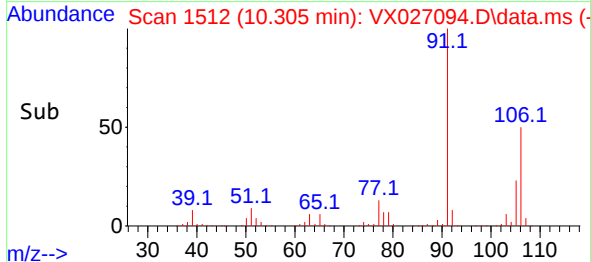
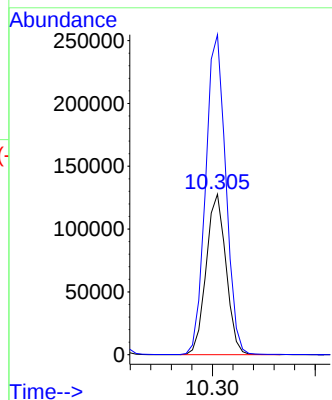
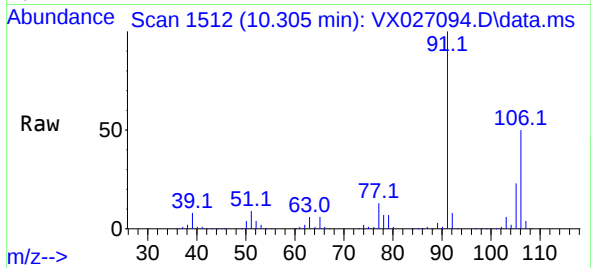
#67
m/p-Xylenes
Concen: 98.914 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 171384
Ion Ratio Lower Upper
106 100
91 202.4 162.4 243.6

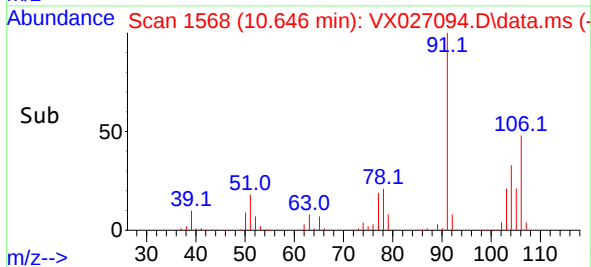
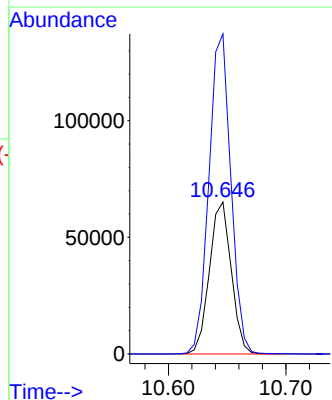
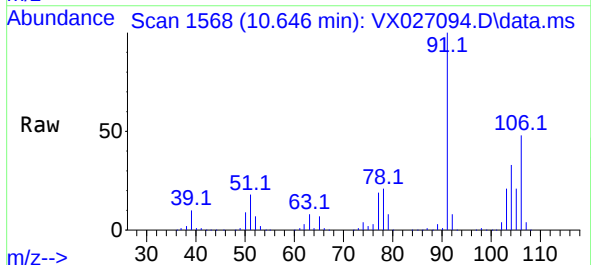
Manual Integrations
APPROVED

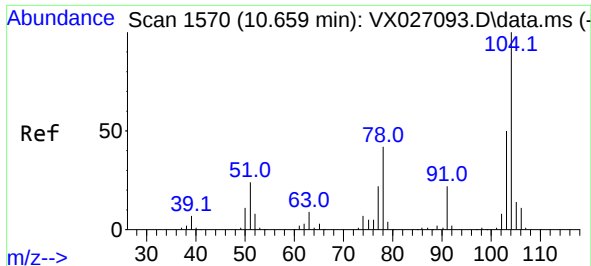
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#68
o-Xylene
Concen: 49.278 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion:106 Resp: 84186
Ion Ratio Lower Upper
106 100
91 210.8 104.9 314.7





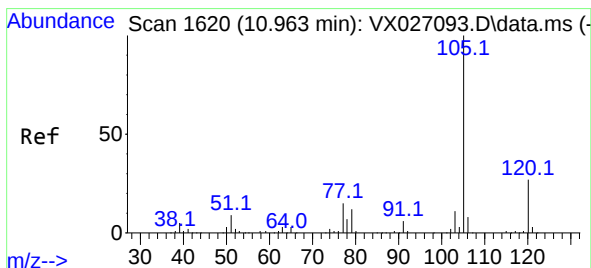
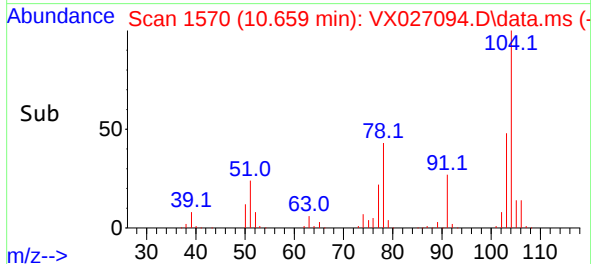
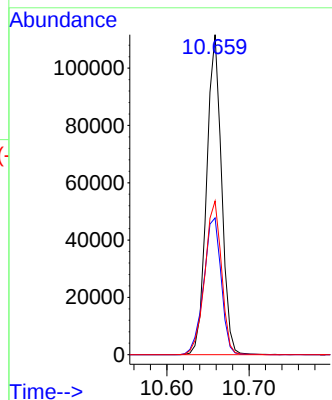
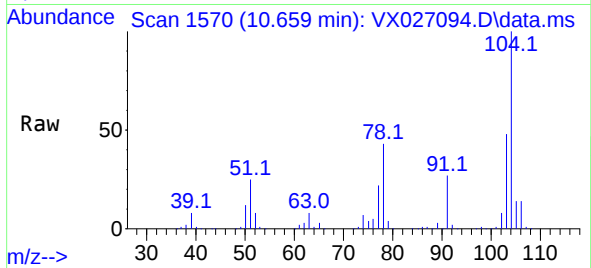
#69
Styrene
Concen: 49.915 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:104 Resp: 140794
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 53.5 43.6 65.4

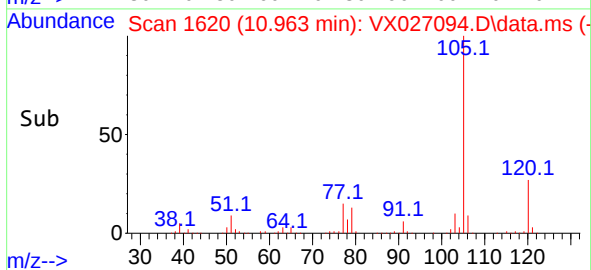
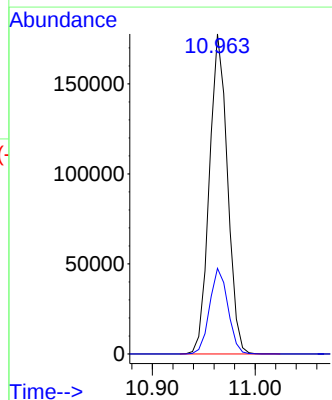
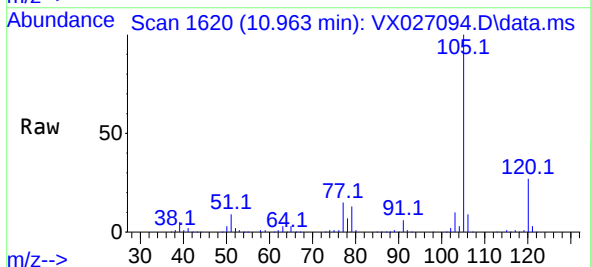
Manual Integrations
APPROVED

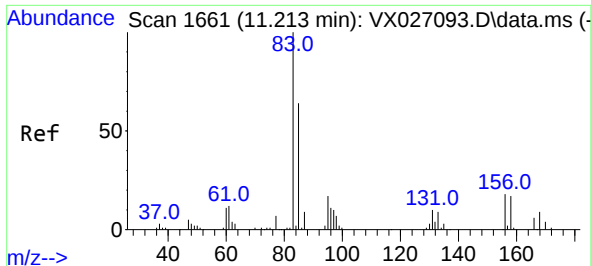
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#70
Isopropylbenzene
Concen: 48.391 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

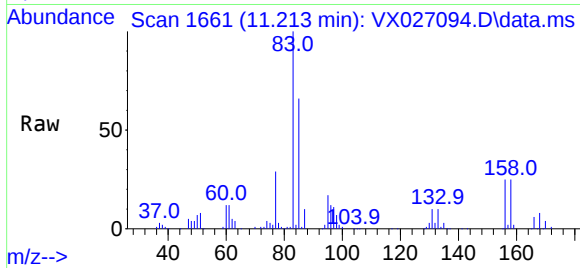
Tgt Ion:105 Resp: 217487
Ion Ratio Lower Upper
105 100
120 26.9 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 44.342 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

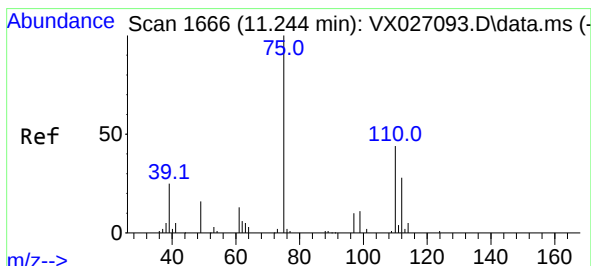
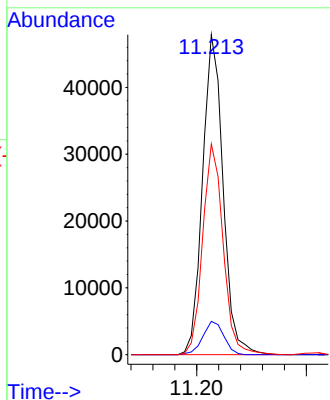
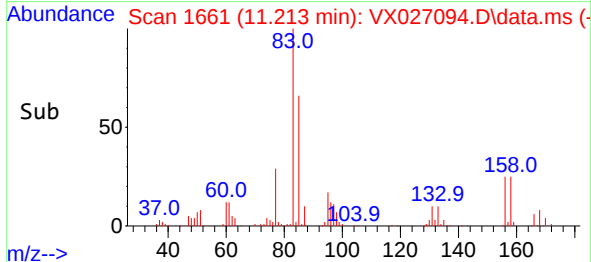
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



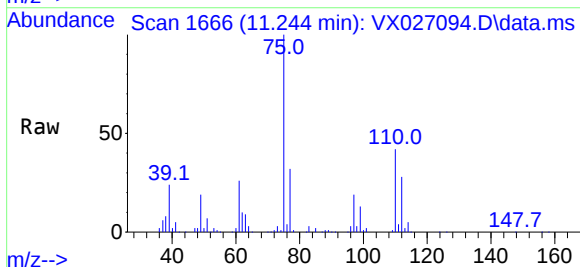
Tgt Ion: 83 Resp: 6223
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 65.5 32.2 96.6

Manual Integrations
APPROVED

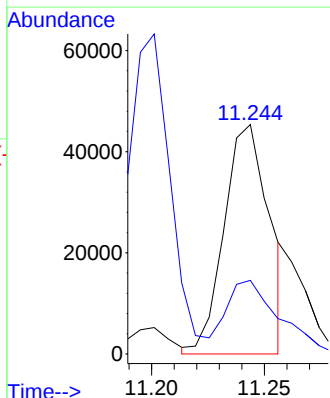
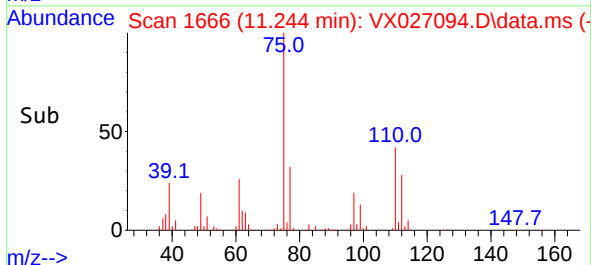
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

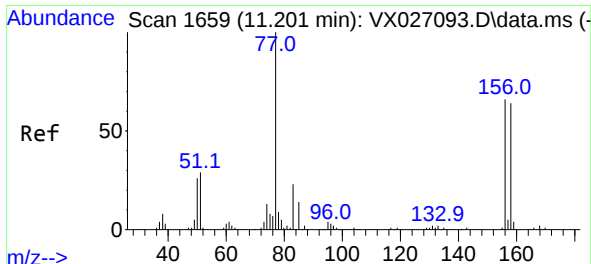


#72
1,2,3-Trichloropropane
Concen: 47.914 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



Tgt Ion: 75 Resp: 63468
Ion Ratio Lower Upper
75 100
77 37.6 0.0 74.0





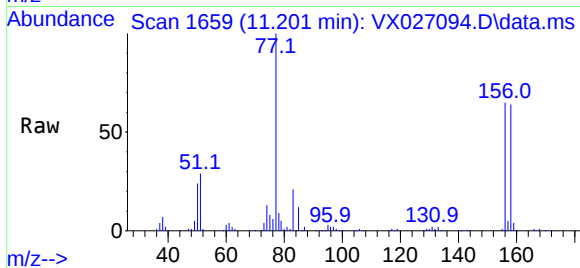
#73
Bromobenzene
Concen: 47.735 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

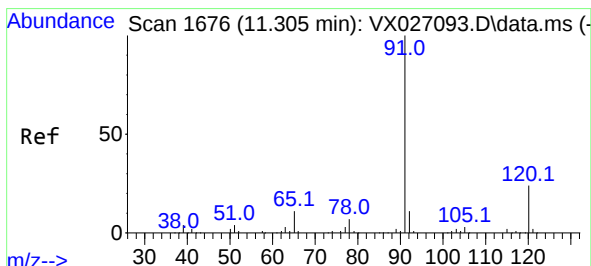
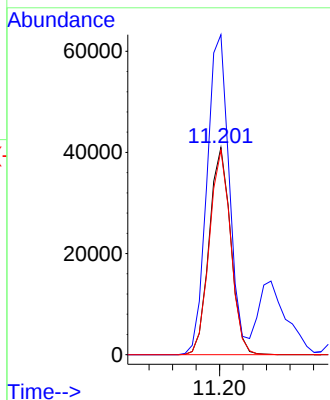
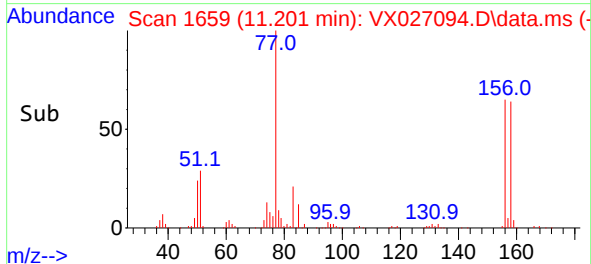


Tgt Ion:156 Resp: 52137
Ion Ratio Lower Upper
156 100
77 160.4 0.0 318.0
158 97.8 0.0 191.8

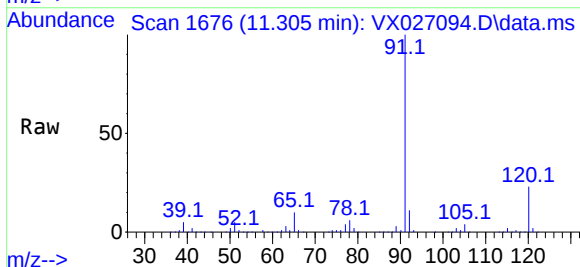
Manual Integrations

APPROVED

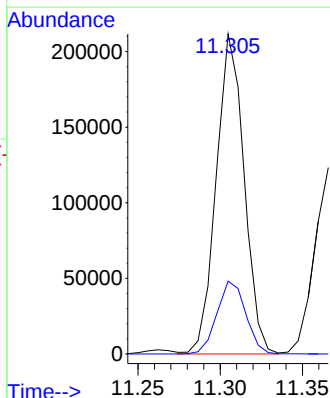
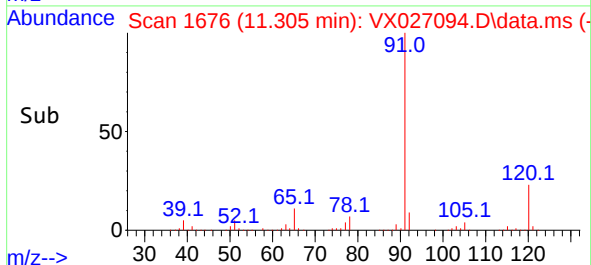
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

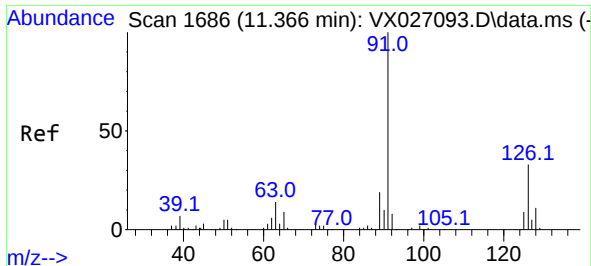


#74
n-propylbenzene
Concen: 48.192 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



Tgt Ion: 91 Resp: 249408
Ion Ratio Lower Upper
91 100
120 23.5 0.0 46.4





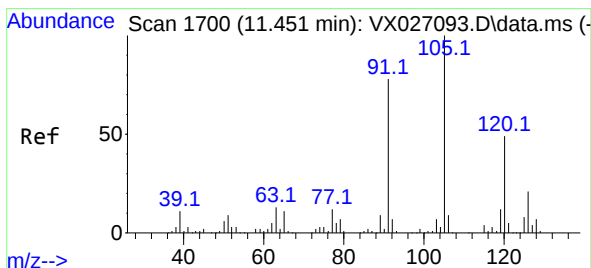
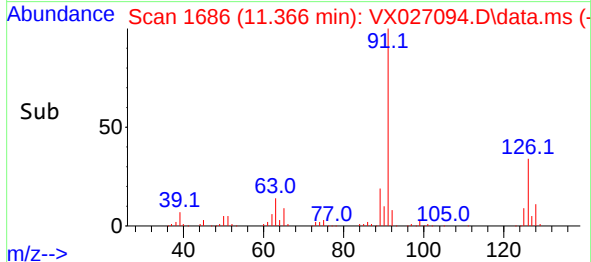
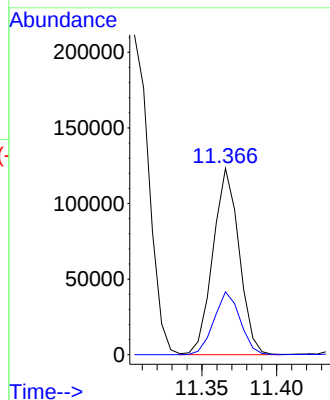
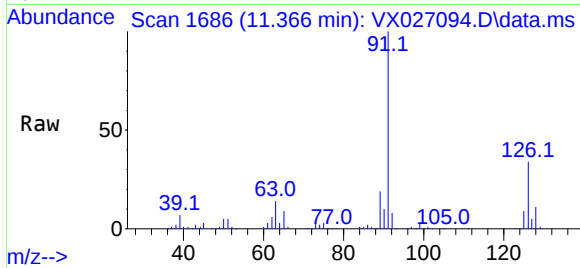
#75
2-Chlorotoluene
Concen: 48.236 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 15029
Ion Ratio Lower Upper
91 100
126 33.7 0.0 66.2

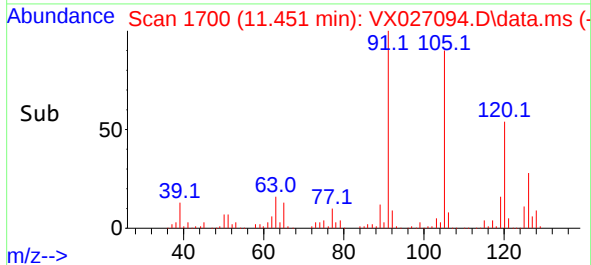
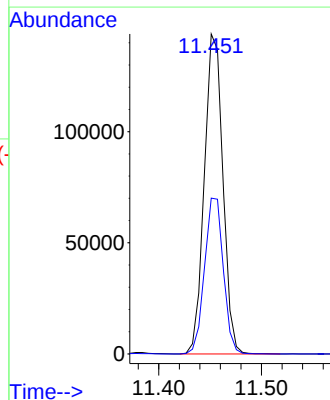
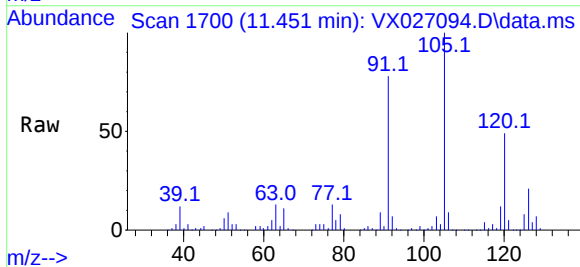
Manual Integrations
APPROVED

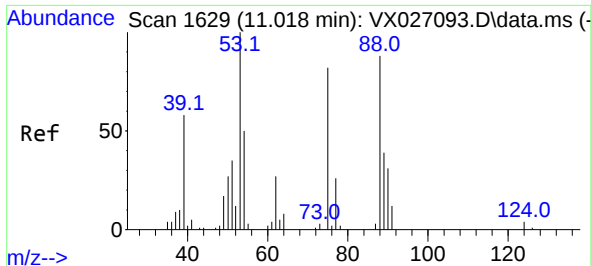
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#76
1,3,5-Trimethylbenzene
Concen: 48.728 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion:105 Resp: 181466
Ion Ratio Lower Upper
105 100
120 49.3 0.0 98.0





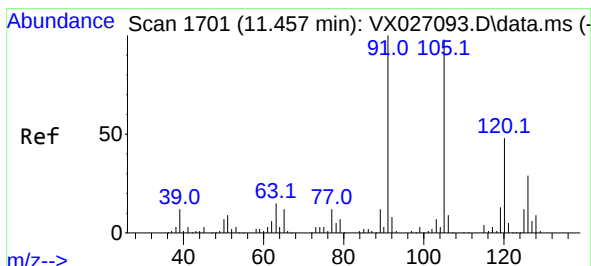
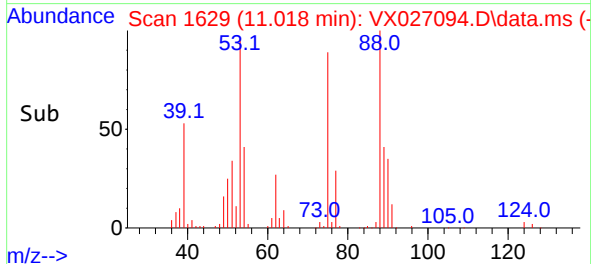
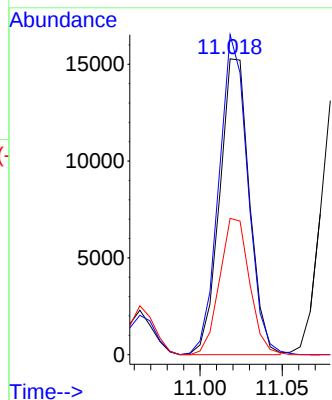
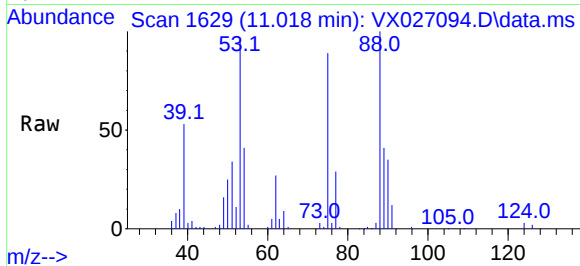
#77
t-1,4-Dichloro-2-butene
Concen: 42.299 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 19294
Ion Ratio Lower Upper
75 100
53 108.1 60.8 182.3
89 46.1 23.8 71.2

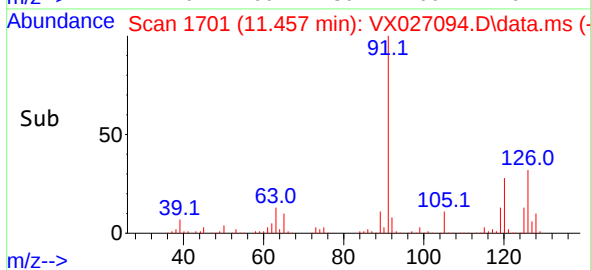
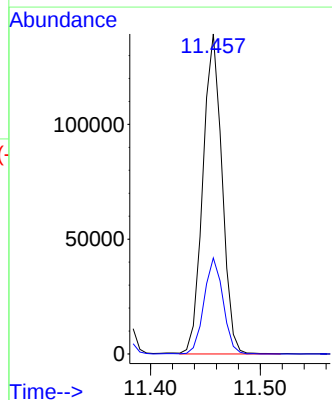
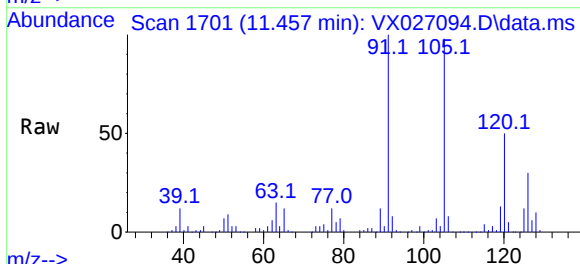
Manual Integrations
APPROVED

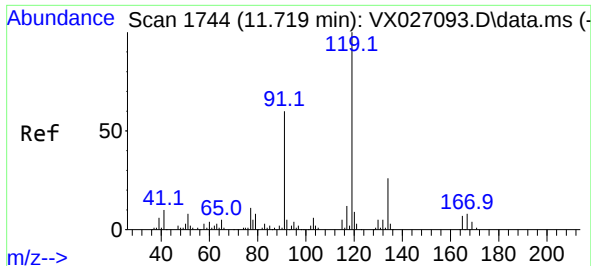
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#78
4-Chlorotoluene
Concen: 48.063 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 91 Resp: 169163
Ion Ratio Lower Upper
91 100
126 29.7 0.0 59.0





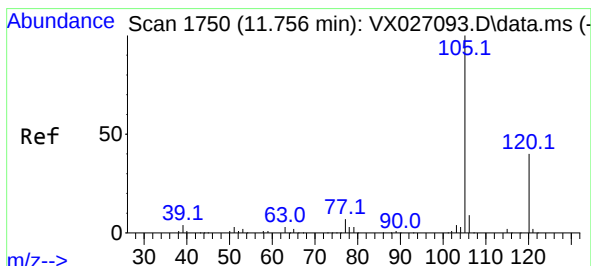
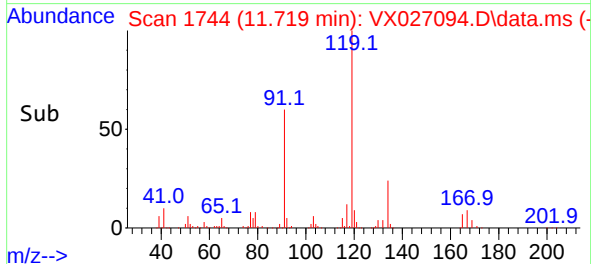
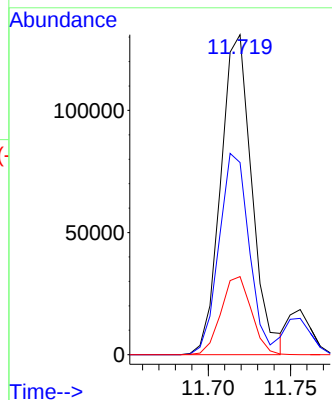
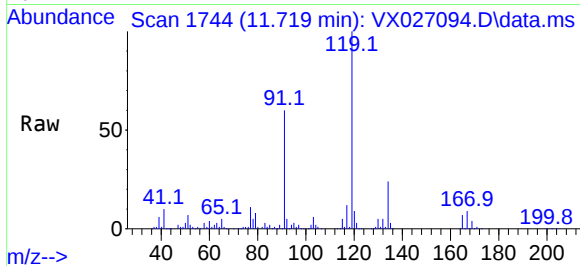
#79
tert-butylbenzene
Concen: 48.130 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:119 Resp: 172785
Ion Ratio Lower Upper
119 100
91 60.8 0.0 124.2
134 23.8 0.0 50.4

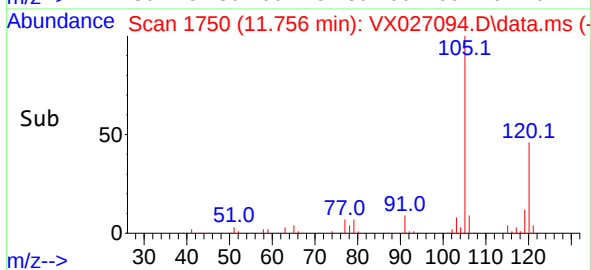
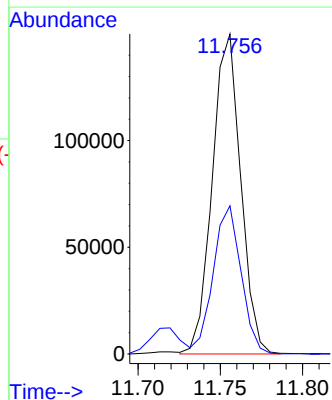
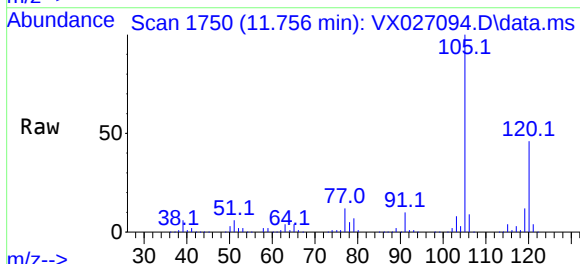
Manual Integrations
APPROVED

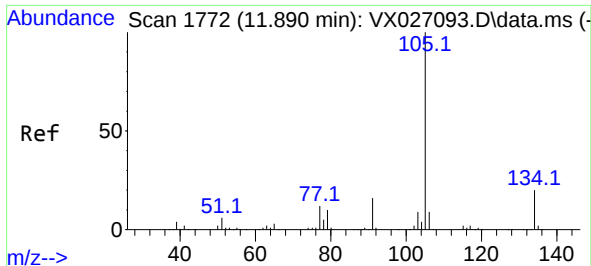
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#80
1,2,4-Trimethylbenzene
Concen: 48.932 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

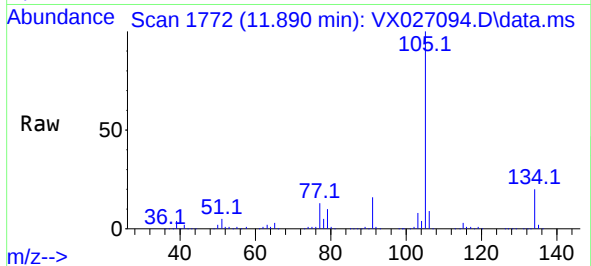
Tgt Ion:105 Resp: 180316
Ion Ratio Lower Upper
105 100
120 45.3 0.0 89.2





#81
sec-Butylbenzene
Concen: 47.782 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

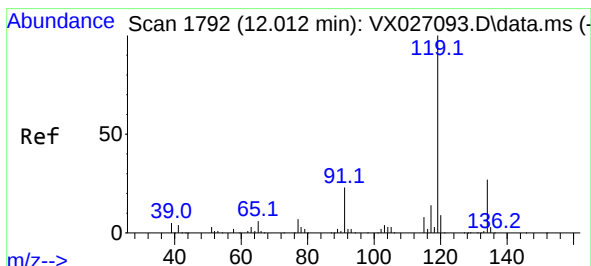
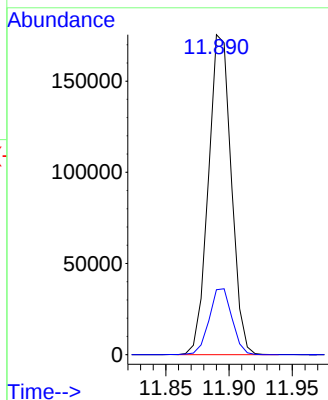
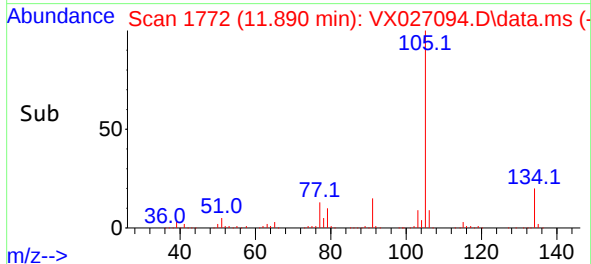
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



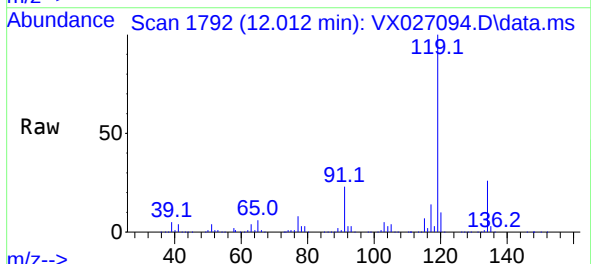
Tgt Ion:105 Resp: 220850
Ion Ratio Lower Upper
105 100
134 20.6 0.0 41.2

Manual Integrations
APPROVED

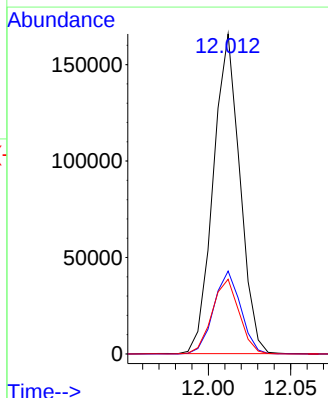
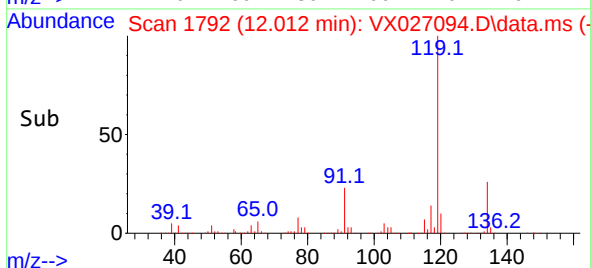
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

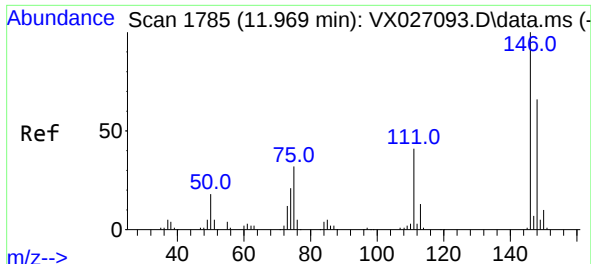


#82
p-Isopropyltoluene
Concen: 48.930 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



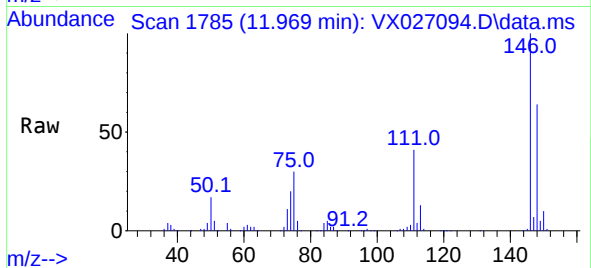
Tgt Ion:119 Resp: 186493
Ion Ratio Lower Upper
119 100
134 26.3 0.0 52.8
91 23.9 0.0 47.4





#83
1,3-Dichlorobenzene
Concen: 48.730 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

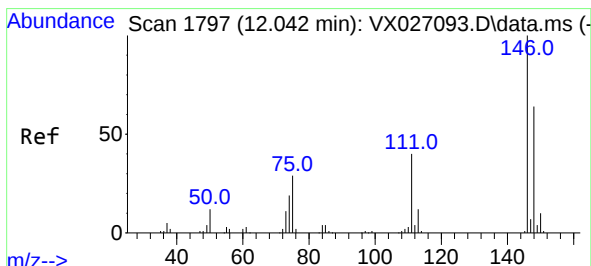
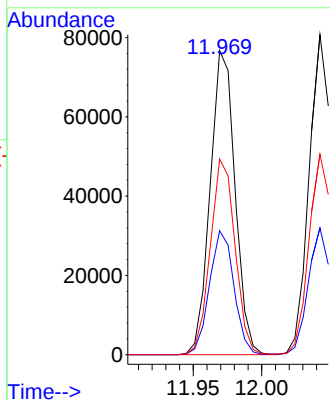
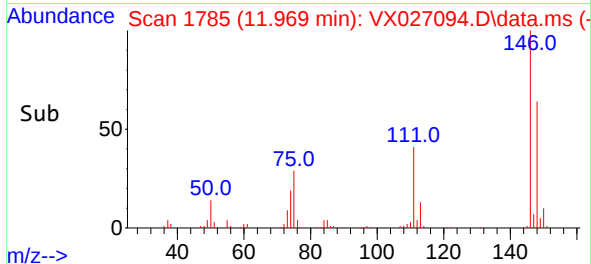
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



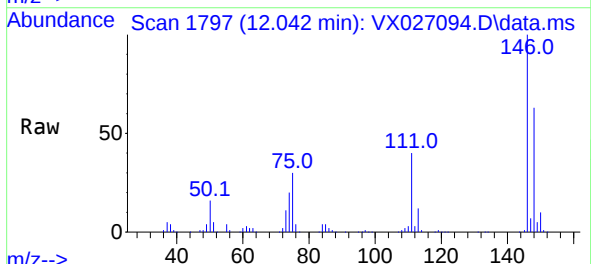
Tgt Ion:146 Resp: 9677
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.9
148 64.0 31.7 95.1

Manual Integrations
APPROVED

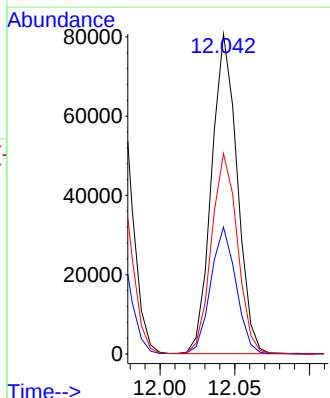
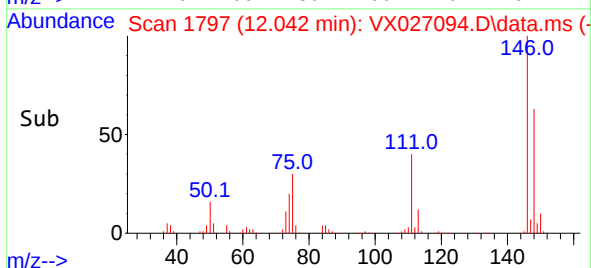
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

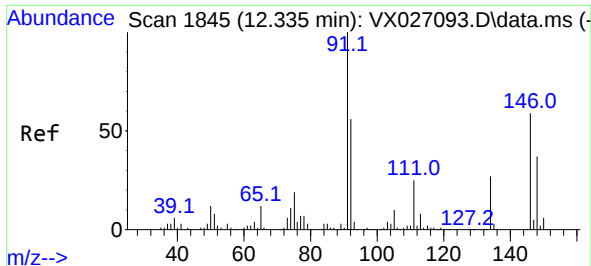


#84
1,4-Dichlorobenzene
Concen: 48.661 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



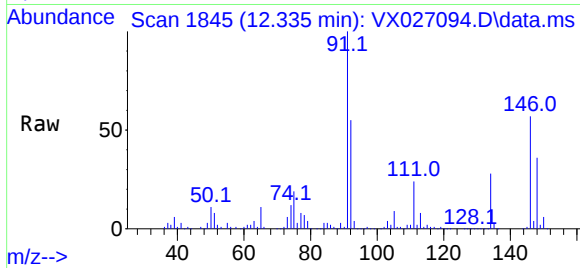
Tgt Ion:146 Resp: 96055
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 63.7 32.0 96.2





#85
n-Butylbenzene
Concen: 46.712 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

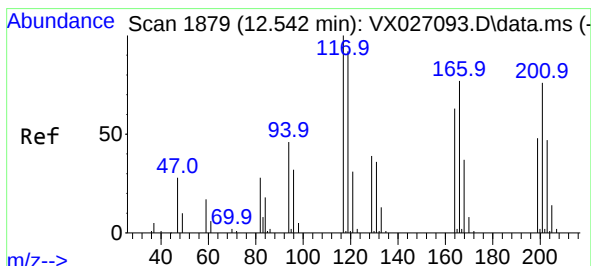
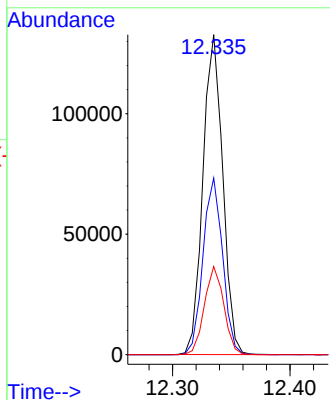
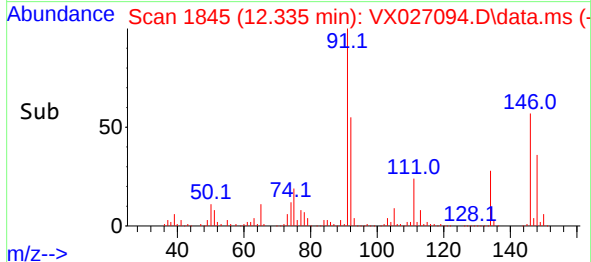
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



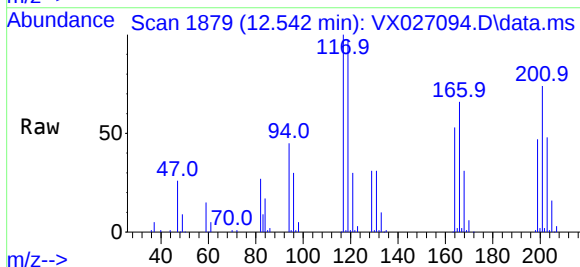
Tgt Ion: 91 Resp: 15546
Ion Ratio Lower Upper
91 100
92 54.7 0.0 111.2
134 27.1 0.0 53.8

Manual Integrations
APPROVED

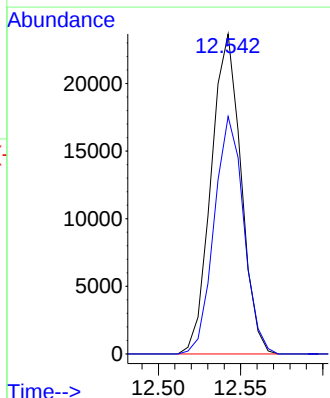
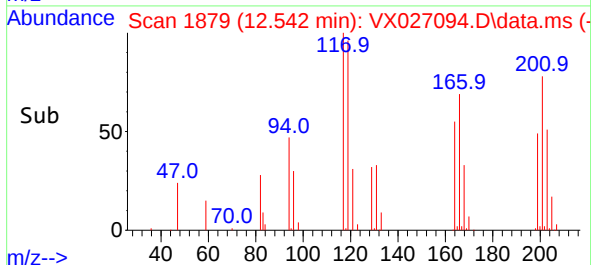
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

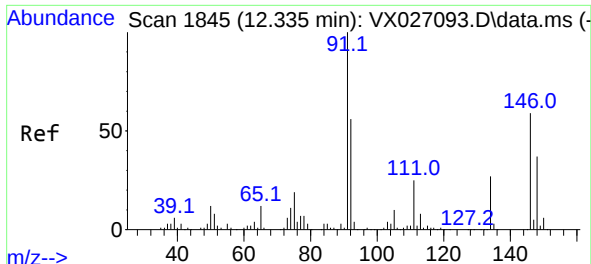


#86
Hexachloroethane
Concen: 48.570 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



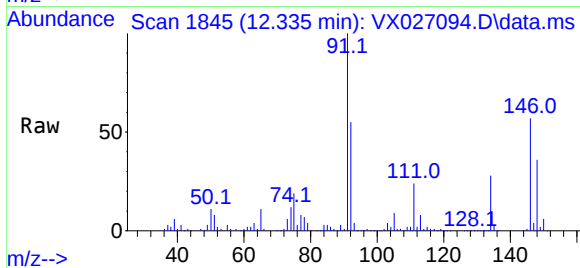
Tgt Ion:117 Resp: 29920
Ion Ratio Lower Upper
117 100
201 73.4 36.9 110.7





#87
1,2-Dichlorobenzene
Concen: 49.104 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

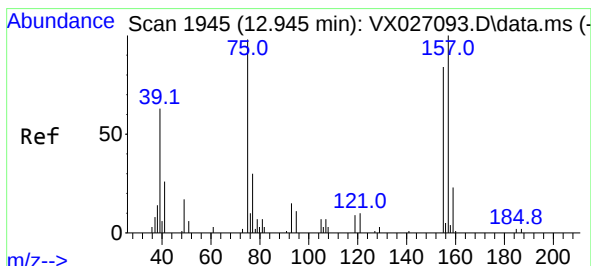
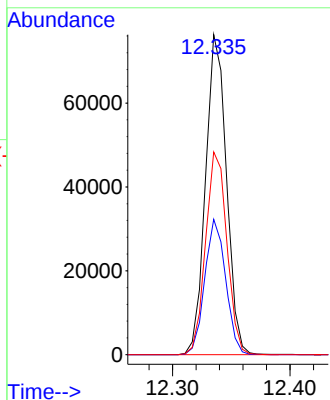
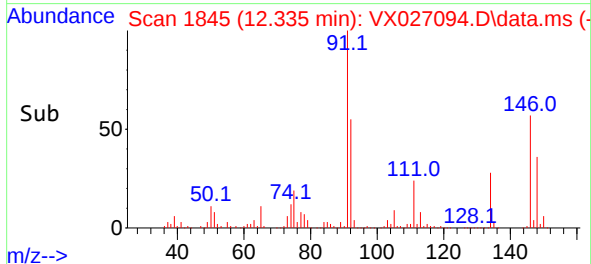
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



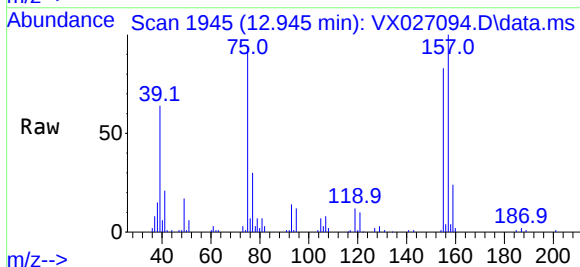
Tgt Ion:146 Resp: 94480
Ion Ratio Lower Upper
146 100
111 42.2 21.2 63.6
148 64.6 31.6 95.0

Manual Integrations
APPROVED

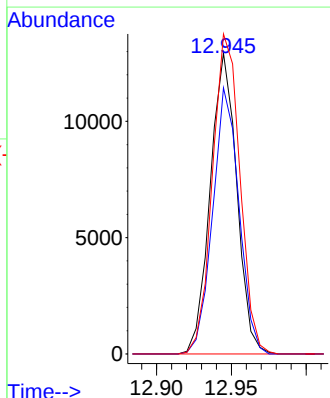
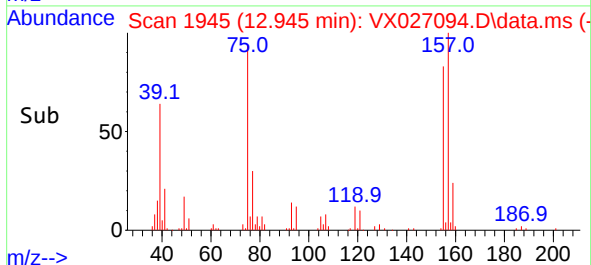
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

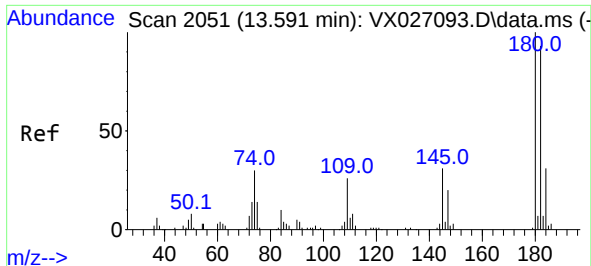


#88
1,2-Dibromo-3-Chloropropane
Concen: 49.954 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



Tgt Ion: 75 Resp: 15934
Ion Ratio Lower Upper
75 100
155 87.7 69.8 104.6
157 110.3 88.2 132.2





#89
1,2,4-Trichlorobenzene
Concen: 49.792 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

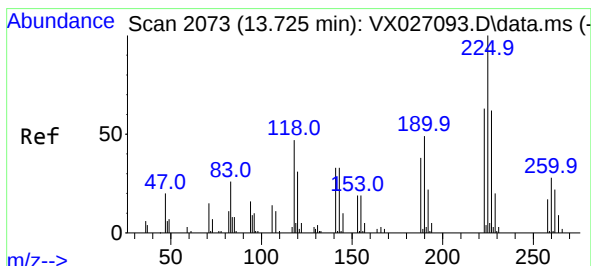
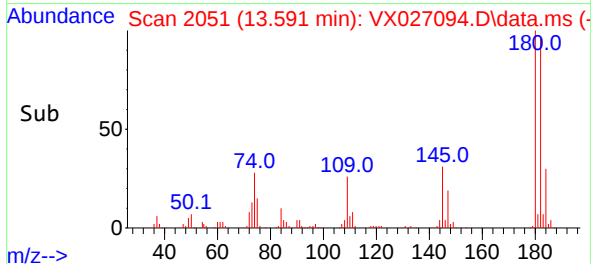
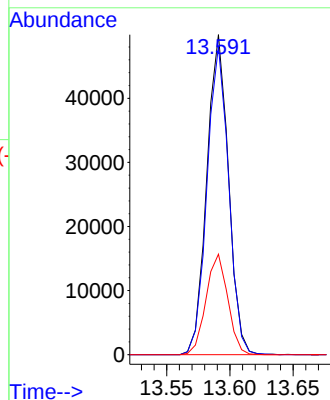
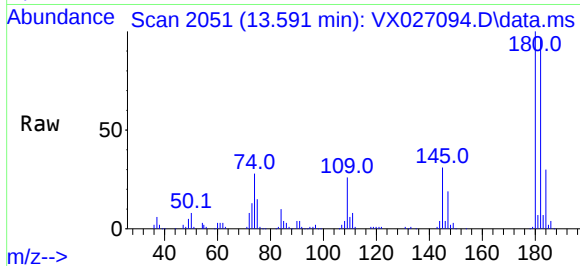
VSTDIC050

Tgt Ion:180 Resp: 5943
Ion Ratio Lower Upper
180 100
182 96.1 76.1 114.1
145 31.5 26.0 39.0

Manual Integrations

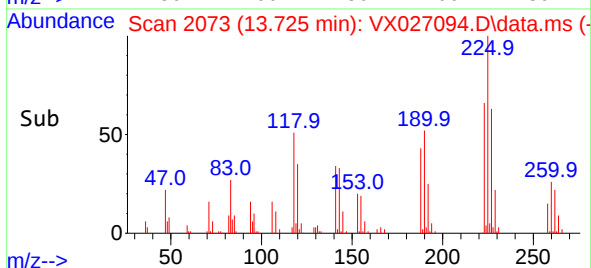
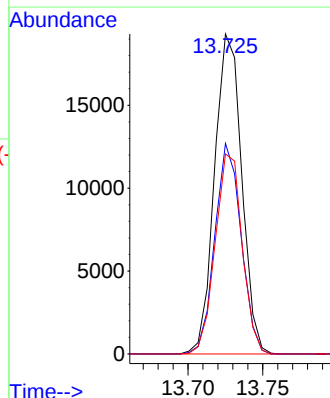
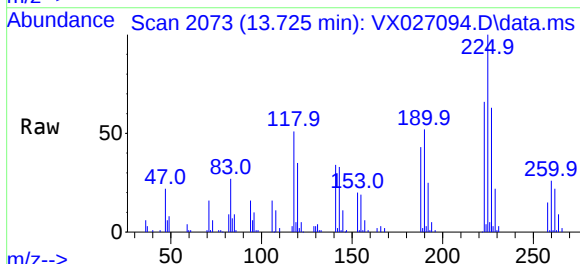
APPROVED

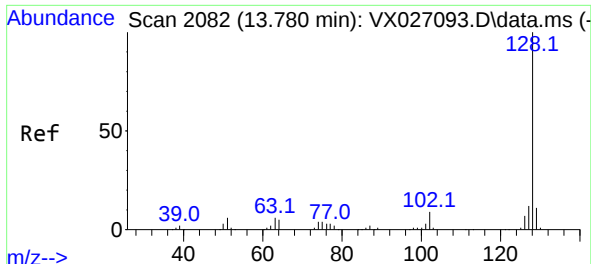
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#90
Hexachlorobutadiene
Concen: 46.499 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion:225 Resp: 24376
Ion Ratio Lower Upper
225 100
223 63.6 0.0 130.4
227 62.1 0.0 127.4





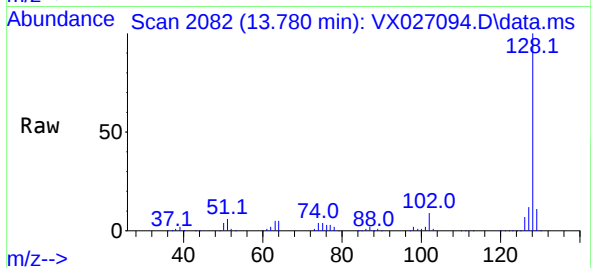
#91
Naphthalene
Concen: 52.377 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050



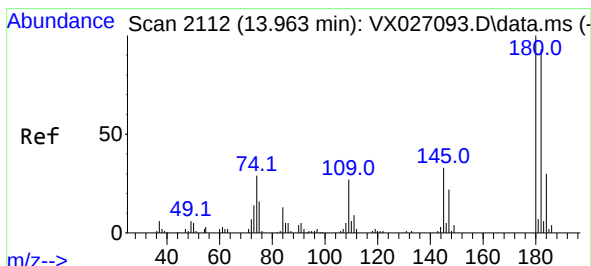
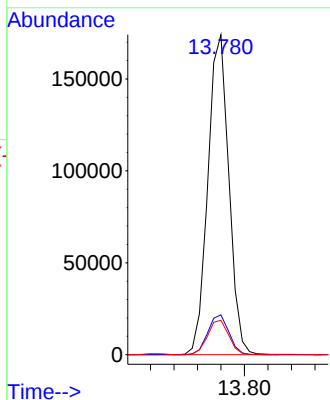
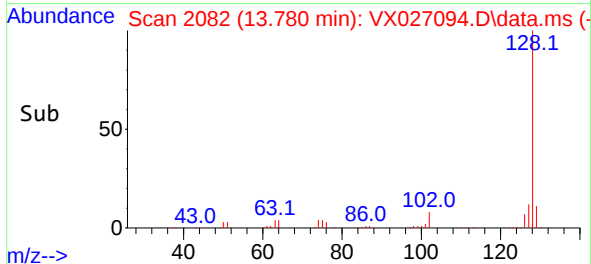
Tgt Ion:128 Resp: 21589
Ion Ratio Lower Upper
128 100
127 12.6 9.9 14.9
129 10.9 8.8 13.2

Manual Integrations

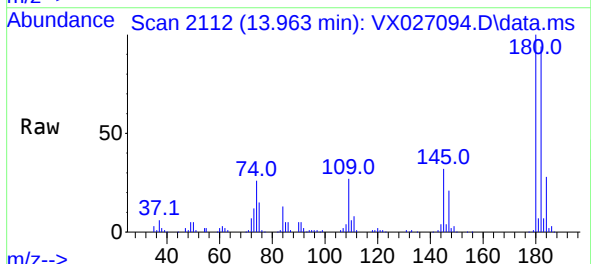
APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#92
1,2,3-Trichlorobenzene
Concen: 51.044 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44



Tgt Ion:180 Resp: 61144
Ion Ratio Lower Upper
180 100
182 95.3 0.0 190.6
145 32.7 0.0 67.2

