

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011022\
 Data File : VX026394.D
 Acq On : 10 Jan 2022 11:33
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 10 12:36:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:35:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	21158	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	118143	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	99424	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	51008	25.260	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	84.200%#		
60) 4-Bromofluorobenzene	11.079	95	49703	27.399	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.333%		
63) Toluene-d8	8.653	98	137635	29.973	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	69792	43.076	ug/l	97
3) Chloromethane	1.294	50	58144	68.308	ug/l	97
4) Vinyl Chloride	1.380	62	65496	67.097	ug/l	99
5) Bromomethane	1.617	94	28014	34.956	ug/l	98
6) Chloroethane	1.691	64	38314	69.613	ug/l	96
7) Trichlorofluoromethane	1.892	101	103495	43.931	ug/l	96
8) Diethyl Ether	2.136	74	36585	65.531	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	64335	52.351	ug/l	97
10) 1,1-Dichloroethene	2.325	96	60007	57.586	ug/l	99
11) Methyl Iodide	2.459	142	68007	62.759	ug/l	99
12) Methyl Acetate	2.709	43	124582	56.900	ug/l	99
13) Acrolein	2.239	56	60917	610.860	ug/l	96
14) Acrylonitrile	3.068	53	174139	282.378	ug/l	98
15) Acetone	2.386	58	56038	297.408	ug/l	93
16) Carbon Disulfide	2.520	76	166522	62.605	ug/l	99
17) Allyl chloride	2.672	41	115611	69.551	ug/l	99
18) Methylene Chloride	2.794	84	64867	53.181	ug/l	99
19) trans-1,2-Dichloroethene	3.099	96	63928	55.805	ug/l	95
20) Diisopropyl ether	3.763	45	225735	62.772	ug/l	94
21) 1,1-Dichloroethane	3.617	63	124083	51.997	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	75657	55.658	ug/l	96
23) tert-Butyl Alcohol	2.977	59	61668	164.439	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	222210	50.450	ug/l	99
25) Chloroform	5.098	83	127612	46.119	ug/l	99
26) Cyclohexane	5.476	56	112952	59.332	ug/l #	98
29) 1,1-Dichloropropene	5.696	75	95547	50.295	ug/l	99
30) 2-Butanone	4.556	43	282109	294.426	ug/l	98
31) 2,2-Dichloropropane	4.477	77	101583	42.097	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	116963	42.799	ug/l	97
33) Carbon Tetrachloride	5.684	117	103534	43.171	ug/l	98
34) Benzene	6.043	78	264908	54.673	ug/l	97
35) Methacrylonitrile	4.922	41	58878	62.309	ug/l	97
36) 1,2-Dichloroethane	6.092	62	106564	45.389	ug/l	100
37) Trichloroethene	7.129	130	77042	56.890	ug/l	98
38) Methylcyclohexane	7.385	83	115102	56.421	ug/l	96
39) 1,2-Dichloropropane	7.433	63	68283	51.641	ug/l	99
40) Dibromomethane	7.586	93	47798	46.400	ug/l	96
41) Bromodichloromethane	7.824	83	100026	45.733	ug/l	99
42) Vinyl Acetate	3.727	43	872894	304.484	ug/l	100

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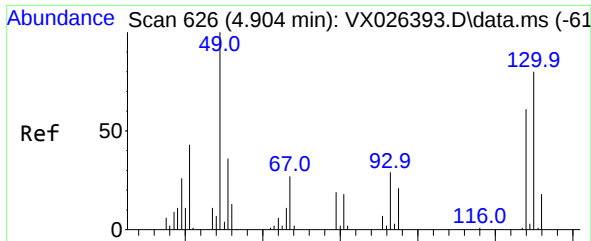
Manual Integrations
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Quant Time: Jan 10 12:36:33 2022
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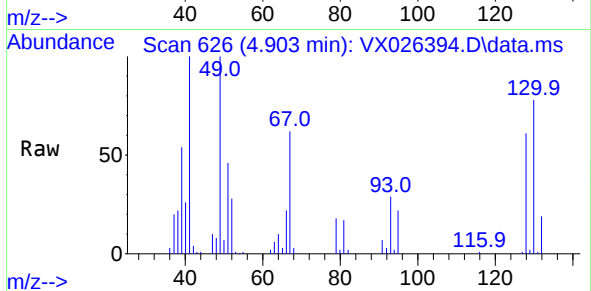
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	101849	55.457	ug/l	100
44) Isopropyl Acetate	6.342	43	169212	58.904	ug/l	100
45) 1,4-Dioxane	7.677	88	26215	859.361	ug/l	93
46) Methyl methacrylate	7.696	41	82820	58.972	ug/l	98
47) n-amyl Acetate	10.841	43	127127	54.877	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	100388	42.609	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	111200	47.281	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	64915	46.539	ug/l	98
51) Ethyl methacrylate	9.116	69	105595	46.971	ug/l	98
52) 1,3-Dichloropropane	9.311	76	113085	47.446	ug/l	99
53) Dibromochloromethane	9.524	129	71223	44.725	ug/l	99
54) 1,2-Dibromoethane	9.610	107	69283	44.469	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	268898	268.792	ug/l	98
56) Bromoform	10.799	173	47369	44.803	ug/l	99
58) 4-Methyl-2-Pentanone	8.573	43	493031	294.161	ug/l	99
59) 2-Hexanone	9.433	43	385632	299.441	ug/l	99
61) Tetrachloroethene	9.275	164	77448	66.478	ug/l	97
62) Toluene	8.720	91	278501	54.761	ug/l	100
64) Chlorobenzene	10.079	112	165970	54.030	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	65314	47.596	ug/l	98
66) Ethyl Benzene	10.195	91	313175	52.079	ug/l	100
67) m/p-Xylenes	10.305	106	233095	112.729	ug/l	97
68) o-Xylene	10.640	106	113300	56.110	ug/l	96
69) Styrene	10.658	104	188421	54.930	ug/l	98
70) Isopropylbenzene	10.963	105	302241	51.517	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	81621	42.146	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	84142m	44.858	ug/l	
73) Bromobenzene	11.201	156	68648	52.365	ug/l	91
74) n-propylbenzene	11.305	91	348340	50.065	ug/l	100
75) 2-Chlorotoluene	11.366	91	207978	47.698	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	251673	49.188	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	25917	41.037	ug/l	98
78) 4-Chlorotoluene	11.457	91	237626	47.749	ug/l	97
79) tert-butylbenzene	11.713	119	233437	48.424	ug/l	96
80) 1,2,4-Trimethylbenzene	11.756	105	248364	49.361	ug/l	99
81) sec-Butylbenzene	11.890	105	307418	51.257	ug/l	100
82) p-Isopropyltoluene	12.012	119	259000	52.065	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	129204	53.001	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	128693	53.010	ug/l	98
85) n-Butylbenzene	12.335	91	226062	49.826	ug/l	98
86) Hexachloroethane	12.542	117	39688	44.751	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	122756	51.145	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	21769	41.096	ug/l	95
89) 1,2,4-Trichlorobenzene	13.591	180	81142	55.808	ug/l	98
90) Hexachlorobutadiene	13.725	225	34003	46.287	ug/l	98
91) Naphthalene	13.774	128	280659	56.483	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	80169	54.058	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

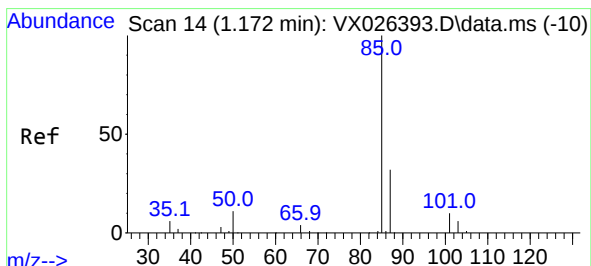
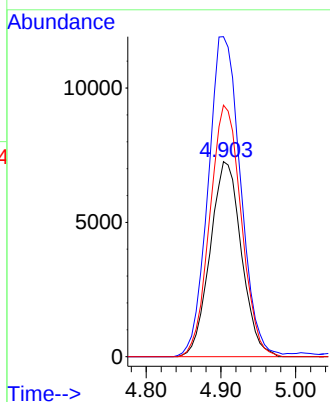
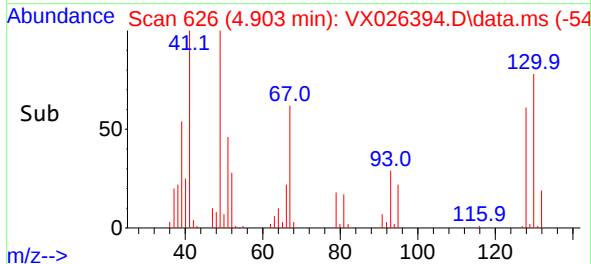
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



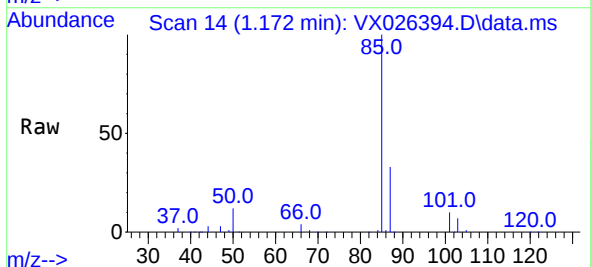
Tgt Ion:128 Resp: 2115
Ion Ratio Lower Upper
128 100
49 169.3 0.0 402.5
130 129.5 0.0 326.5

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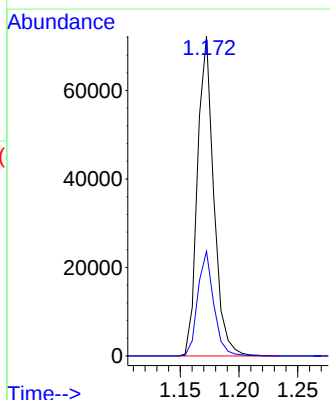
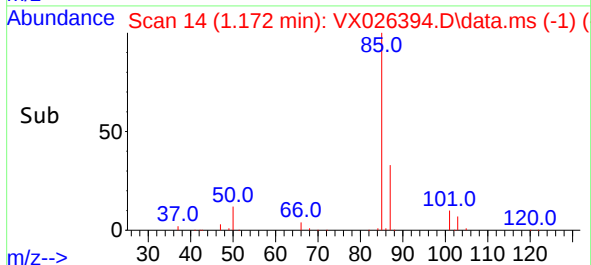
Reviewed By :John Carlone 01/11/2022
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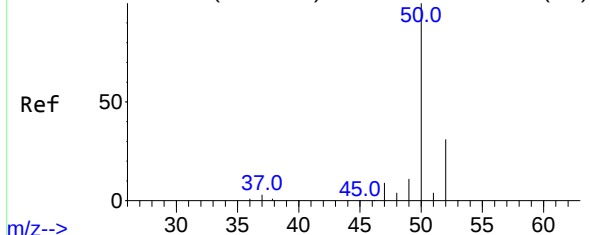
#2
Dichlorodifluoromethane
Concen: 43.076 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



Tgt Ion: 85 Resp: 69792
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8



Abundance Scan 34 (1.294 min): VX026393.D\data.ms (-30)



#3

Chloromethane

Concen: 68.308 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.006 min

Lab File: VX026394.D

Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 50 Resp: 58144

Ion Ratio Lower Upper

50 100

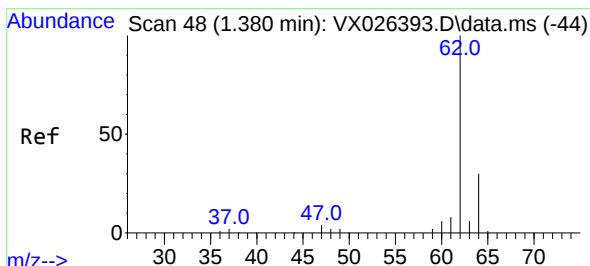
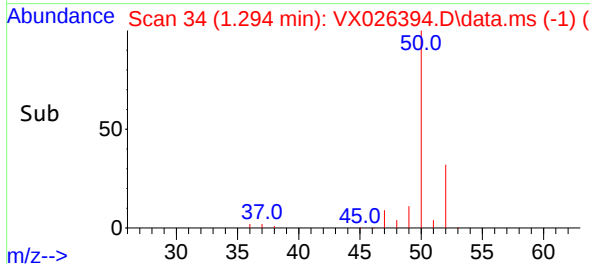
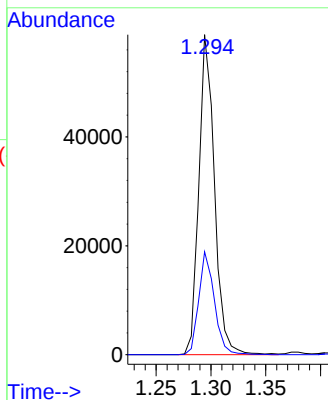
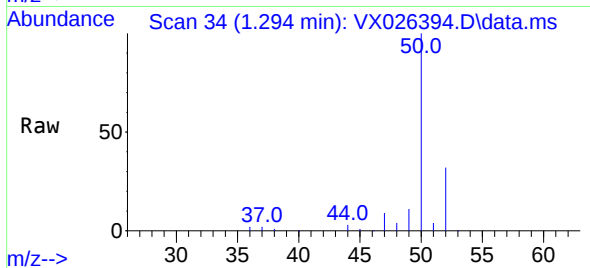
52 32.2 26.9 40.3

Manual Integrations

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Supervised By :Mahesh Dadoda 01/11/2022



#4

Vinyl Chloride

Concen: 67.097 ug/l

RT: 1.380 min Scan# 48

Delta R.T. 0.006 min

Lab File: VX026394.D

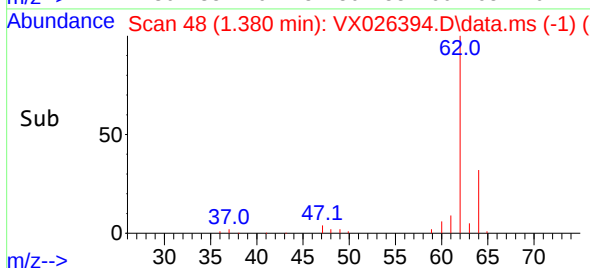
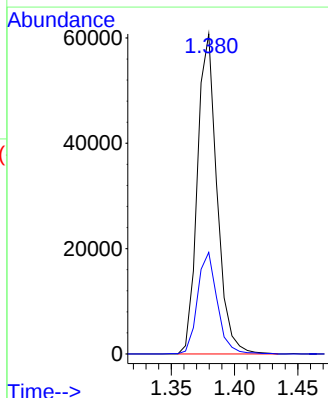
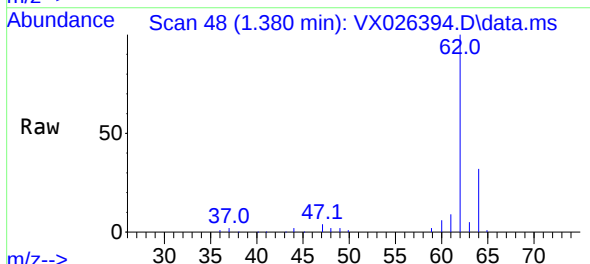
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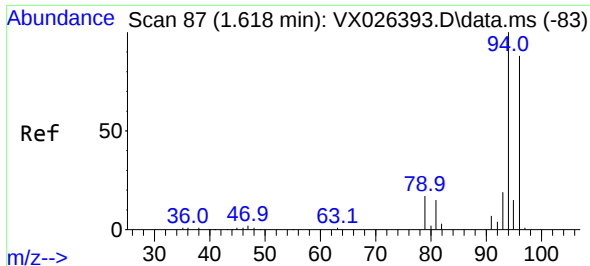
Tgt Ion: 62 Resp: 65496

Ion Ratio Lower Upper

62 100

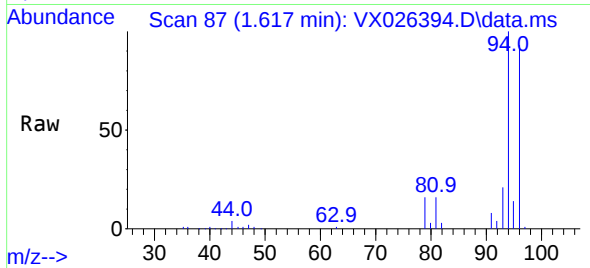
64 31.7 25.0 37.4





#5
Bromomethane
Concen: 34.956 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

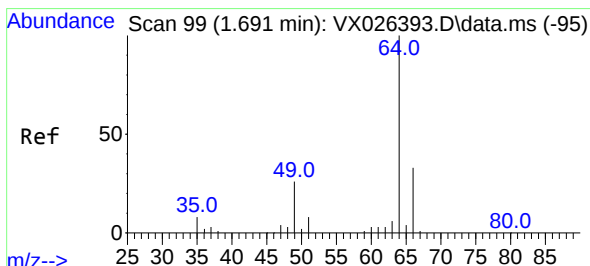
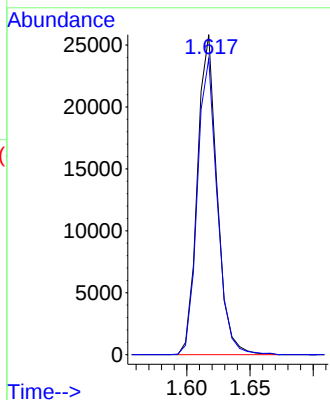
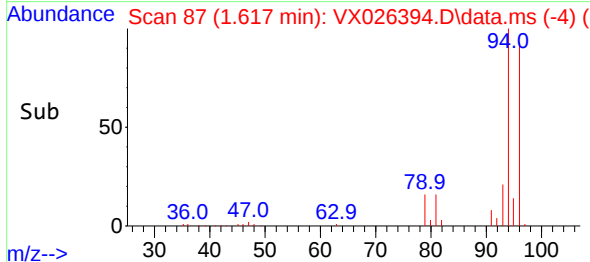
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



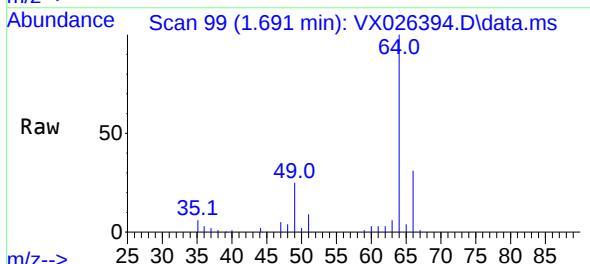
Tgt Ion: 94 Resp: 28014
Ion Ratio Lower Upper
94 100
96 92.5 72.8 109.2

Manual Integrations
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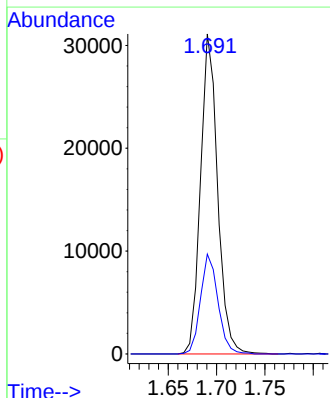
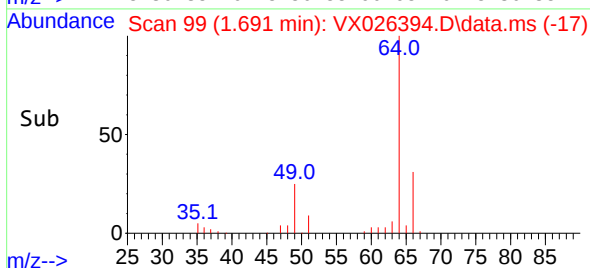
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



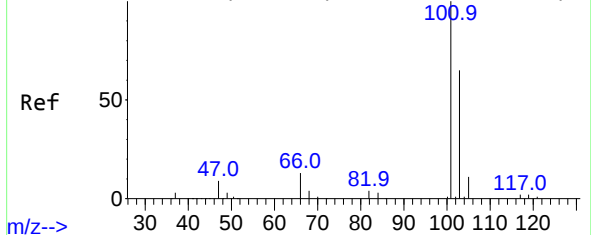
#6
Chloroethane
Concen: 69.613 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



Tgt Ion: 64 Resp: 38314
Ion Ratio Lower Upper
64 100
66 31.2 26.8 40.2



Abundance Scan 132 (1.892 min): VX026393.D\data.ms (-12



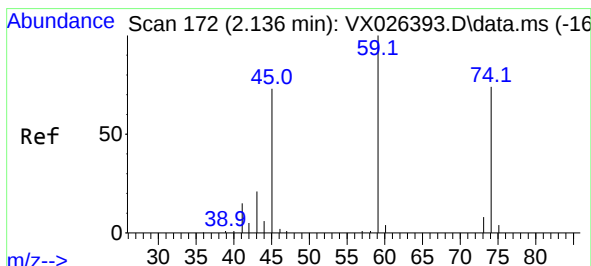
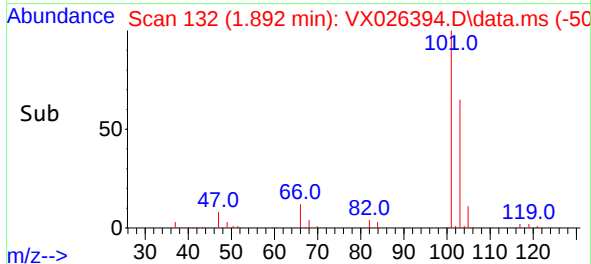
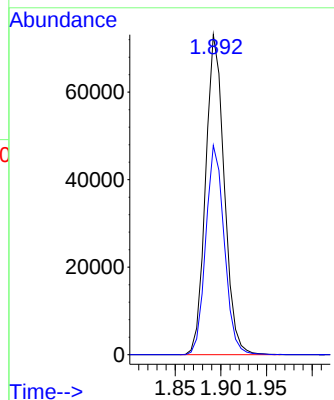
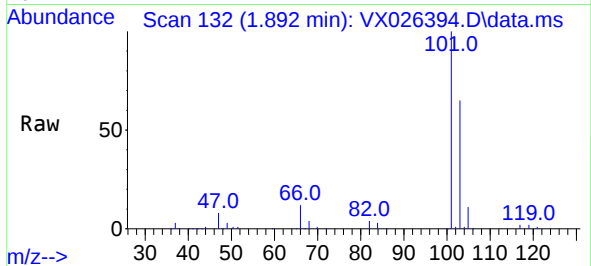
#7
Trichlorofluoromethane
Concen: 43.931 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 10349
Ion Ratio Lower Upper
101 100
103 65.4 55.0 82.6

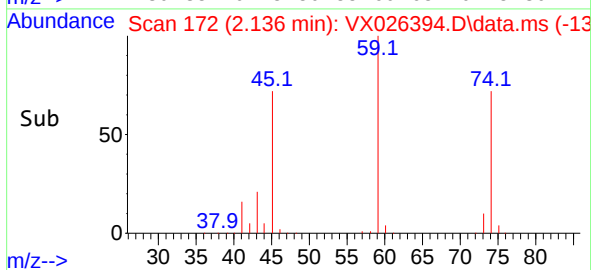
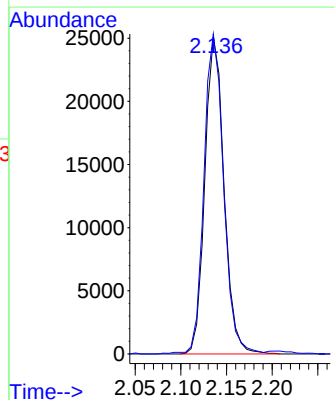
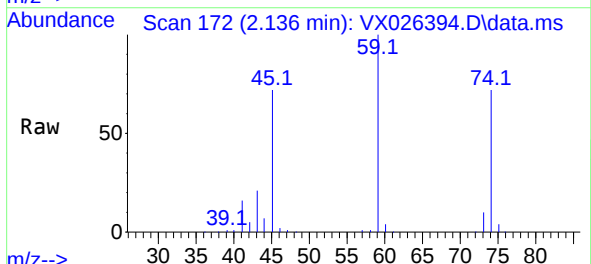
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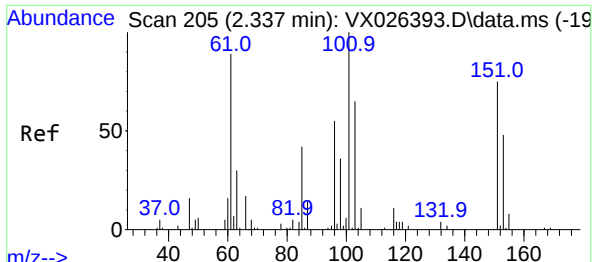
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#8
Diethyl Ether
Concen: 65.531 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Tgt Ion: 74 Resp: 36585
Ion Ratio Lower Upper
74 100
45 101.5 19.9 179.1





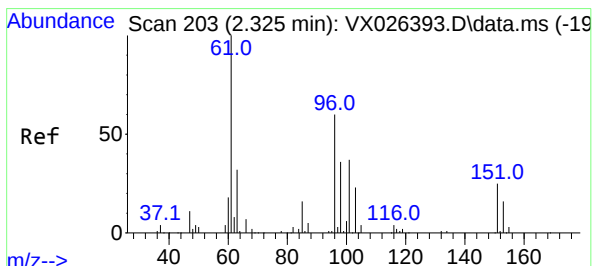
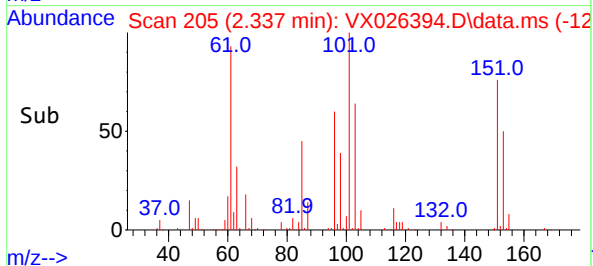
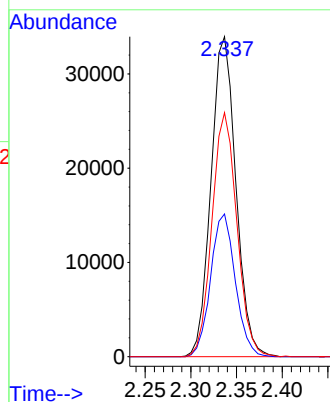
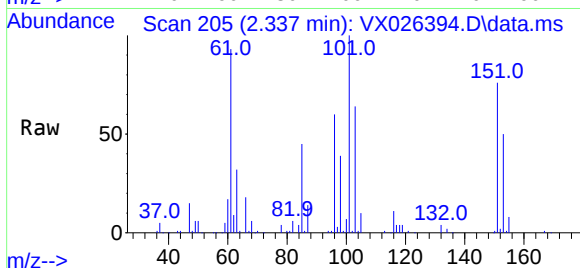
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.351 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:101 Resp: 6433
Ion Ratio Lower Upper
101 100
85 44.3 0.0 91.4
151 76.3 0.0 160.0

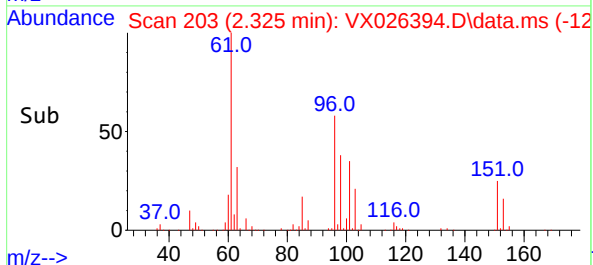
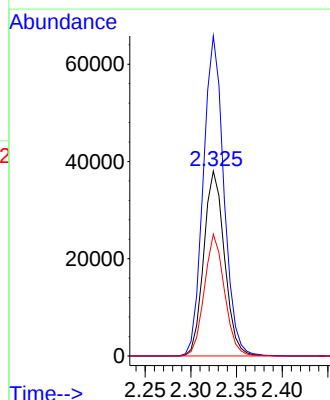
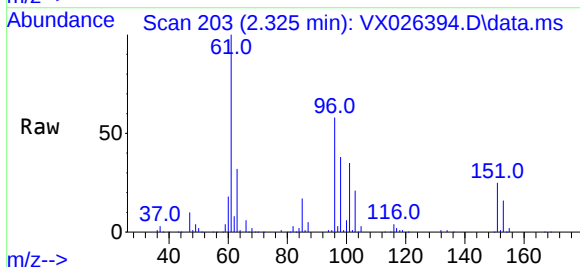
Manual Integrations
APPROVED

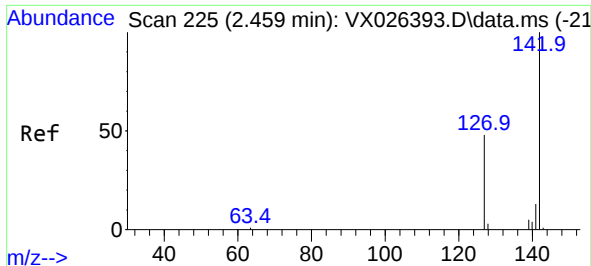
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#10
1,1-Dichloroethene
Concen: 57.586 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

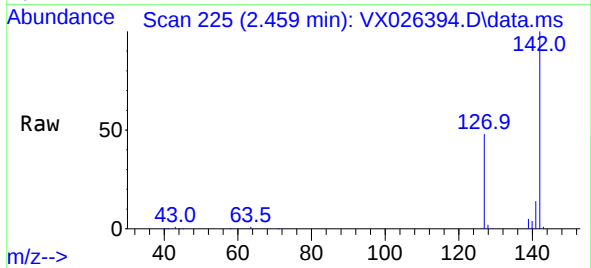
Tgt Ion: 96 Resp: 60007
Ion Ratio Lower Upper
96 100
61 172.8 140.3 210.5
98 65.8 52.8 79.2





#11
Methyl Iodide
Concen: 62.759 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

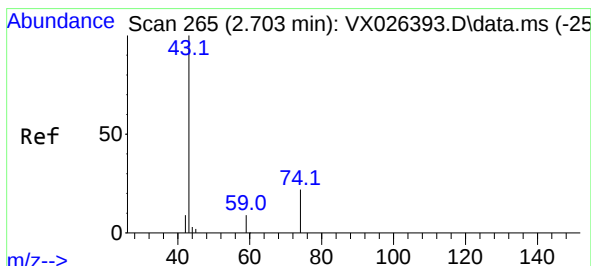
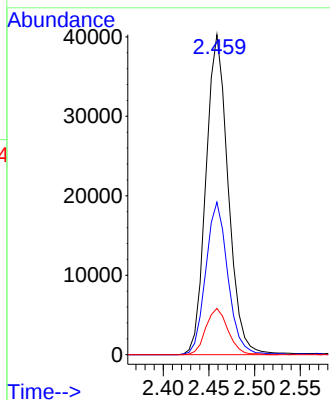
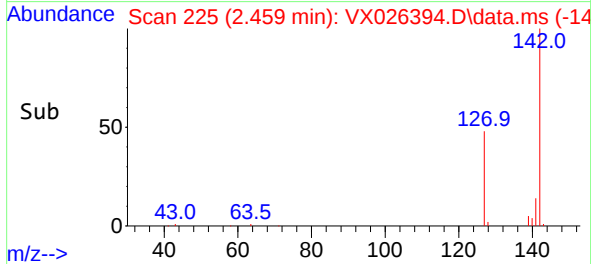
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



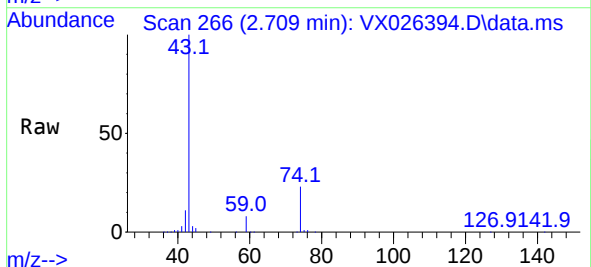
Tgt Ion:142 Resp: 6800
Ion Ratio Lower Upper
142 100
127 47.6 23.6 71.0
141 14.5 7.1 21.3

Manual Integrations
APPROVED

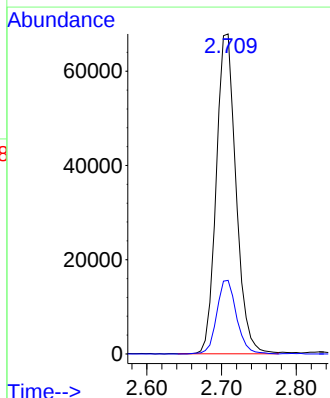
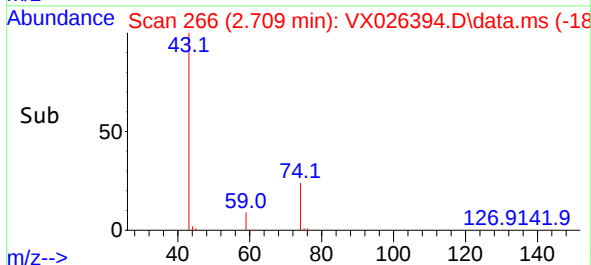
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

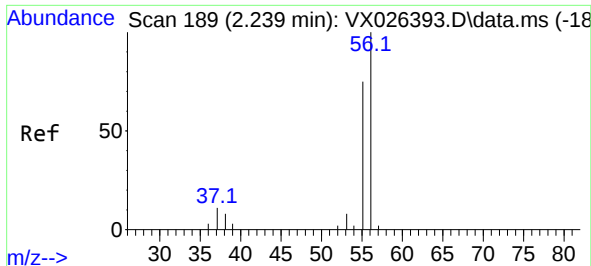


#12
Methyl Acetate
Concen: 56.900 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



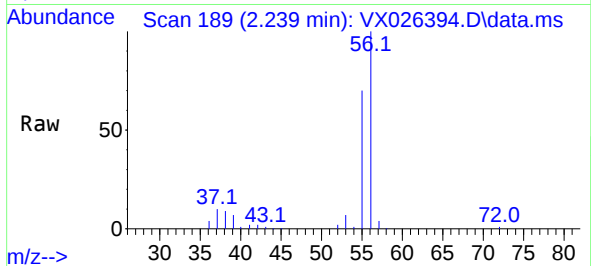
Tgt Ion: 43 Resp: 124582
Ion Ratio Lower Upper
43 100
74 23.0 18.2 27.2





#13
Acrolein
Concen: 610.860 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

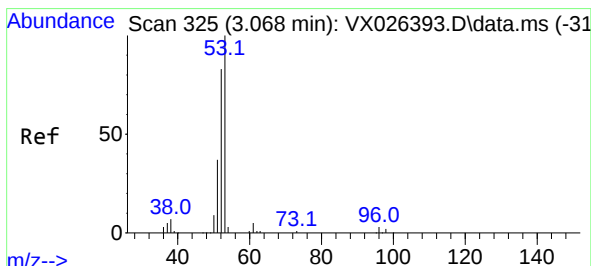
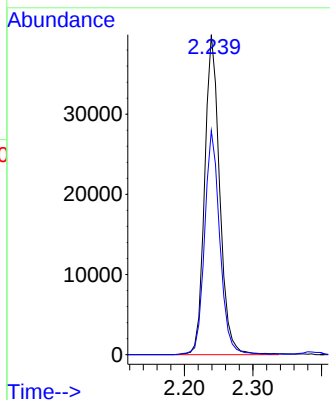
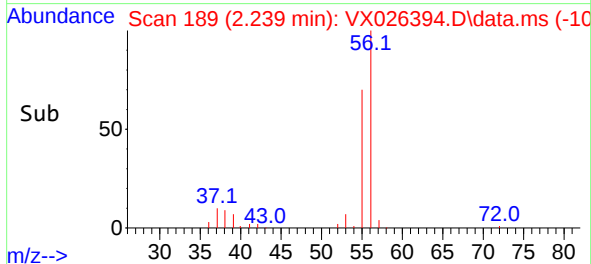
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



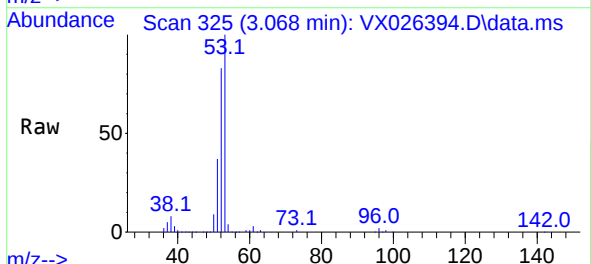
Tgt Ion: 56 Resp: 60917
Ion Ratio Lower Upper
56 100
55 70.9 59.5 89.3

Manual Integrations
APPROVED

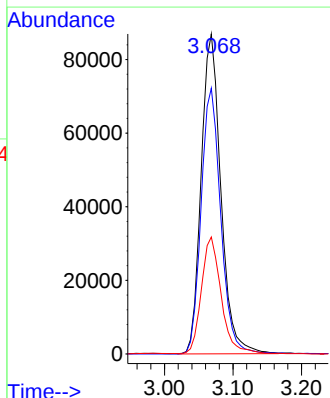
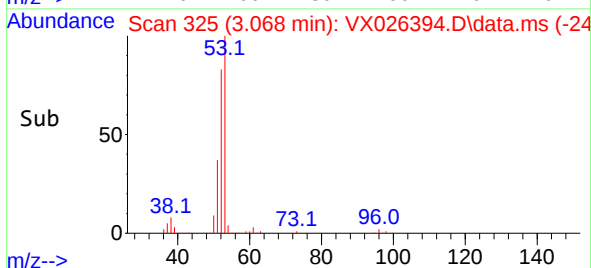
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

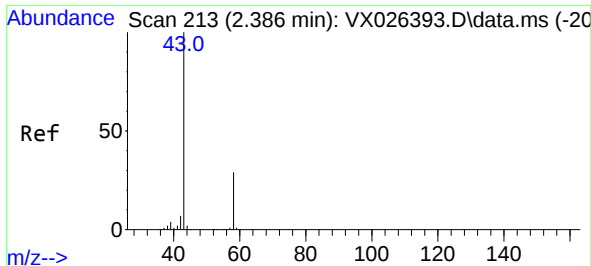


#14
Acrylonitrile
Concen: 282.378 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



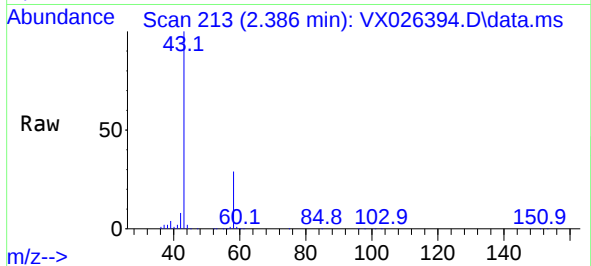
Tgt Ion: 53 Resp: 174139
Ion Ratio Lower Upper
53 100
52 83.0 40.4 121.2
51 36.8 18.1 54.1





#15
Acetone
Concen: 297.408 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

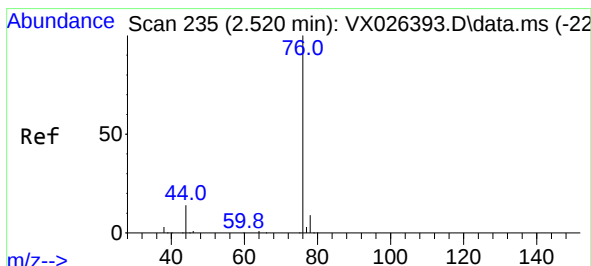
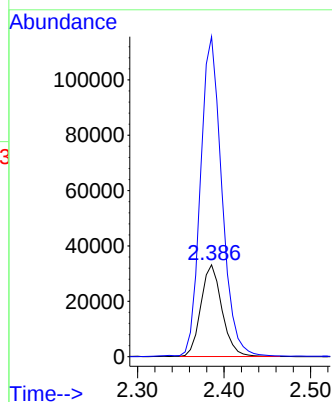
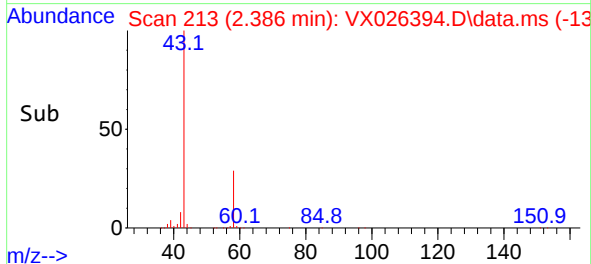
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 58 Resp: 56038
Ion Ratio Lower Upper
58 100
43 348.1 266.6 400.0

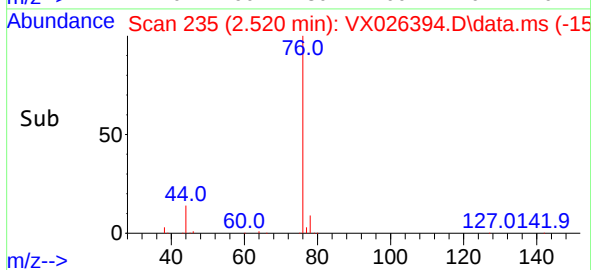
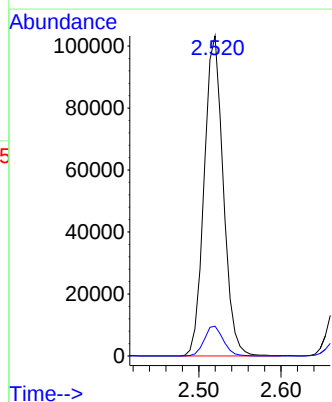
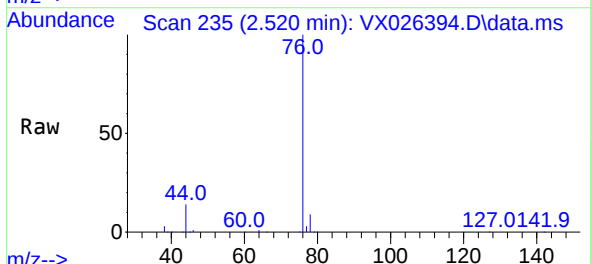
Manual Integrations
APPROVED

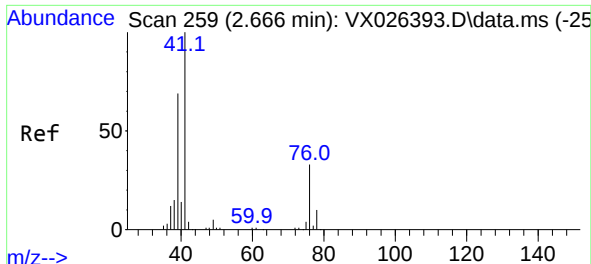
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#16
Carbon Disulfide
Concen: 62.605 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Tgt Ion: 76 Resp: 166522
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





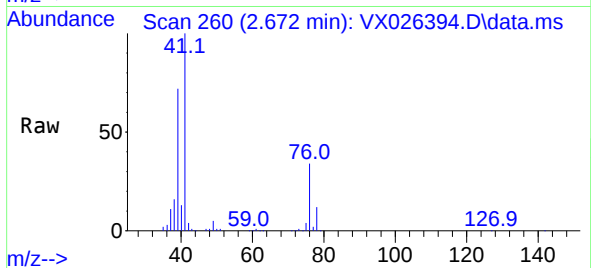
#17
 Allyl chloride
 Concen: 69.551 ug/l
 RT: 2.672 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX026394.D
 Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

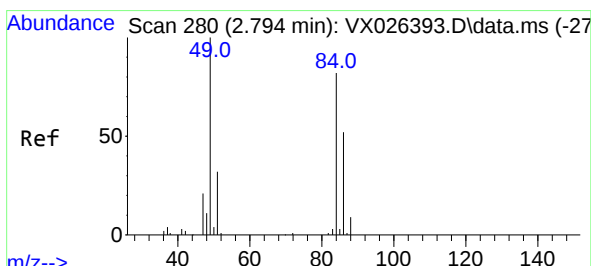
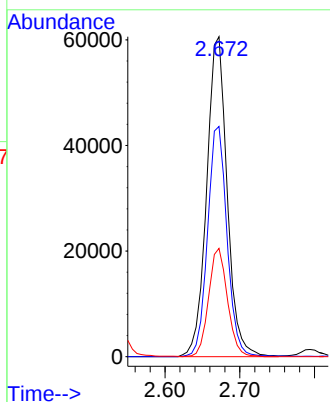
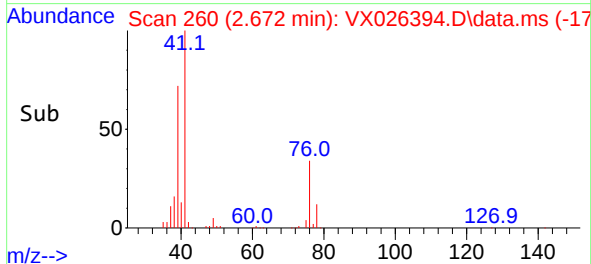


Tgt Ion: 41 Resp: 11561
 Ion Ratio Lower Upper
 41 100
 39 72.0 36.4 109.3
 76 33.9 16.6 49.7

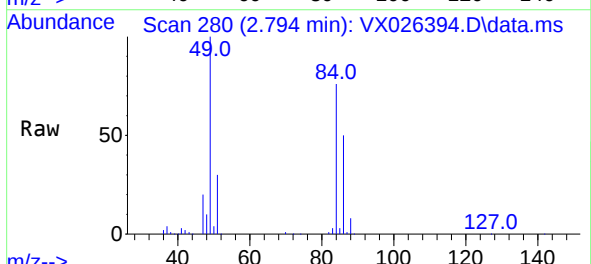
Manual Integrations

APPROVED

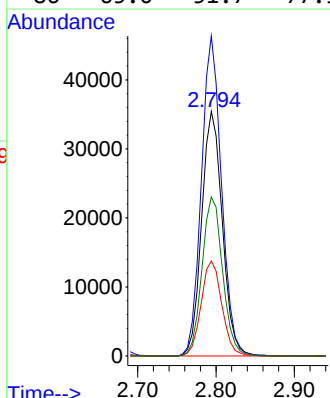
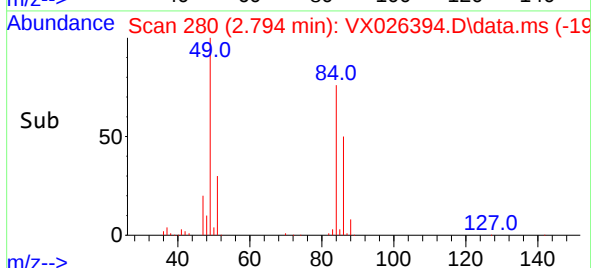
Reviewed By :John Carlone 01/11/2022
 Supervised By :Mahesh Dadoda 01/11/2022

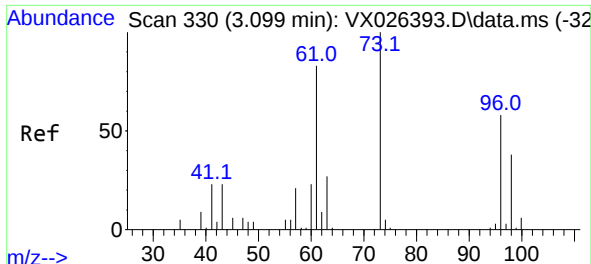


#18
 Methylene Chloride
 Concen: 53.181 ug/l
 RT: 2.794 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VX026394.D
 Acq: 10 Jan 2022 11:33



Tgt Ion: 84 Resp: 64867
 Ion Ratio Lower Upper
 84 100
 49 130.9 104.3 156.5
 51 38.9 30.3 45.5
 86 65.0 51.7 77.5





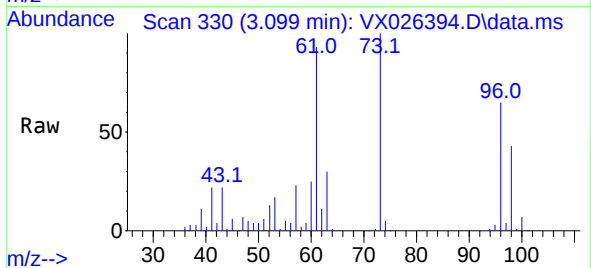
#19
trans-1,2-Dichloroethene
Concen: 55.805 ug/l
RT: 3.099 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050



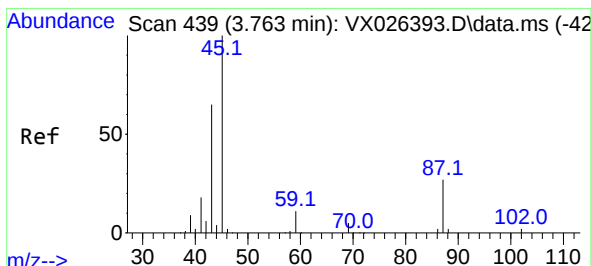
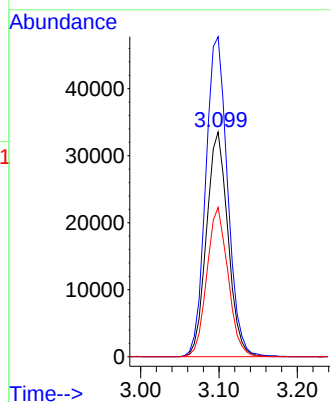
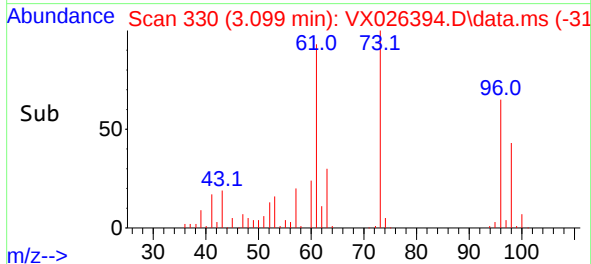
Tgt Ion: 96 Resp: 63928
Ion Ratio Lower Upper
96 100
61 142.4 109.2 163.8
98 66.5 50.8 76.2

Manual Integrations

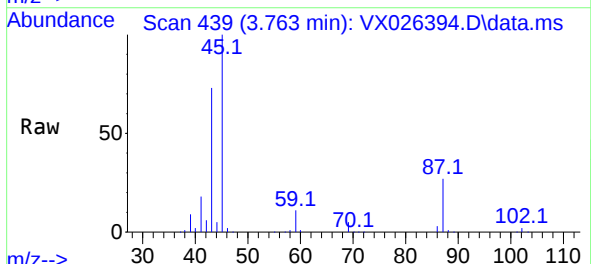
APPROVED

Reviewed By :John Carlone 01/11/2022

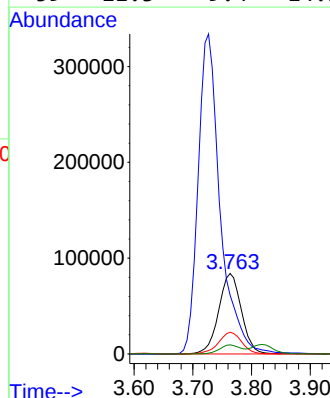
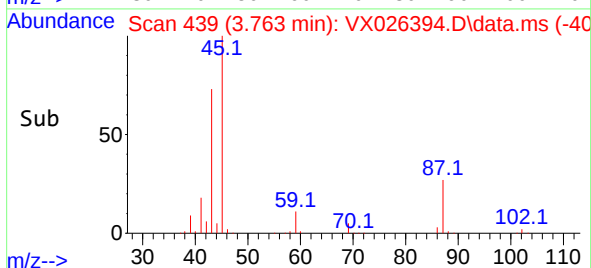
Supervised By :Mahesh Dadoda 01/11/2022

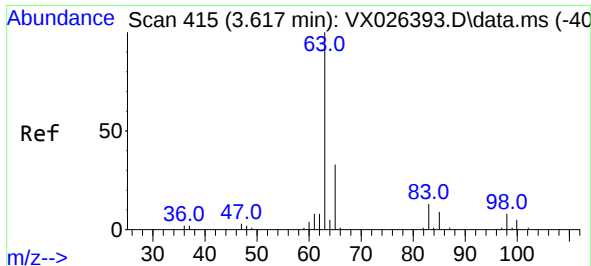


#20
Diisopropyl ether
Concen: 62.772 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



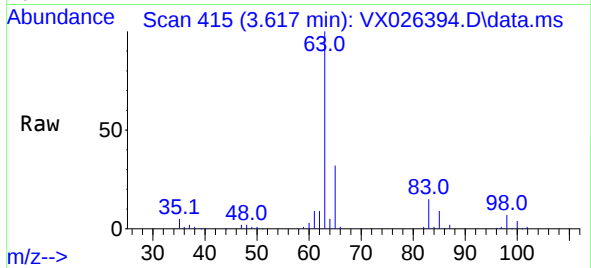
Tgt Ion: 45 Resp: 225735
Ion Ratio Lower Upper
45 100
43 72.1 63.8 95.6
87 27.1 21.8 32.6
59 11.3 9.4 14.2





#21
1,1-Dichloroethane
Concen: 51.997 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

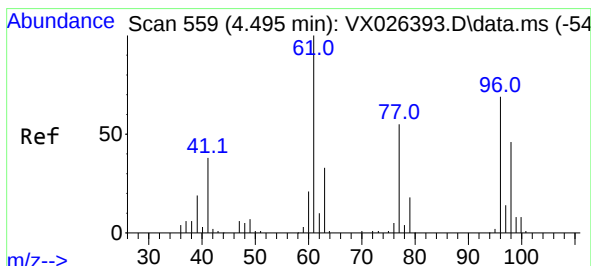
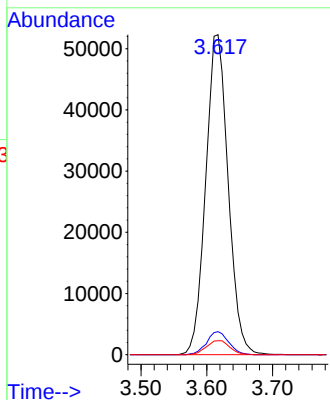
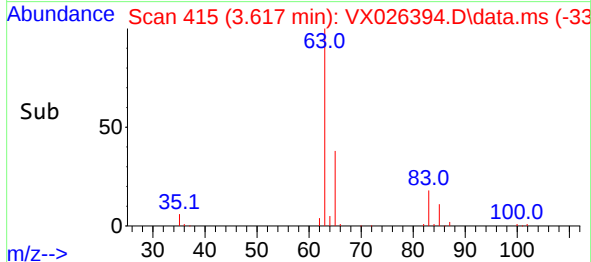
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



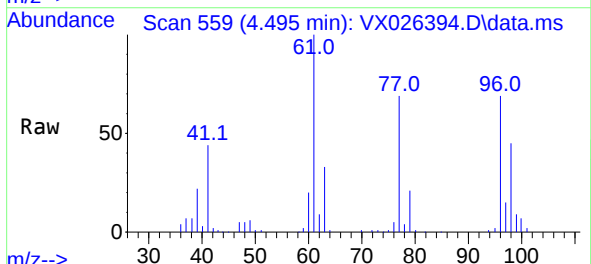
Tgt Ion: 63 Resp: 12408
Ion Ratio Lower Upper
63 100
98 7.2 3.4 10.1
100 4.4 2.1 6.2

Manual Integrations
APPROVED

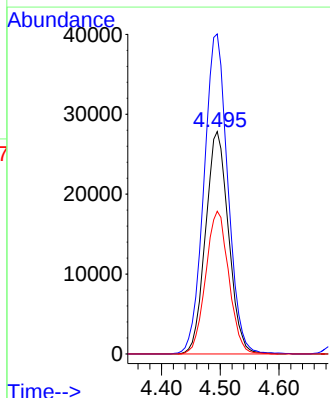
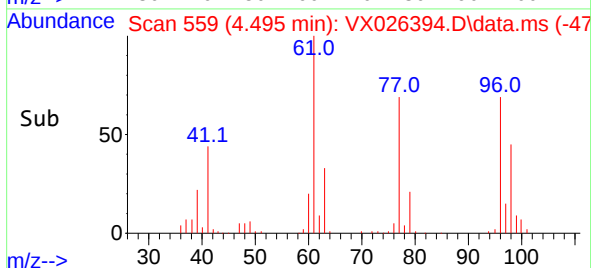
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

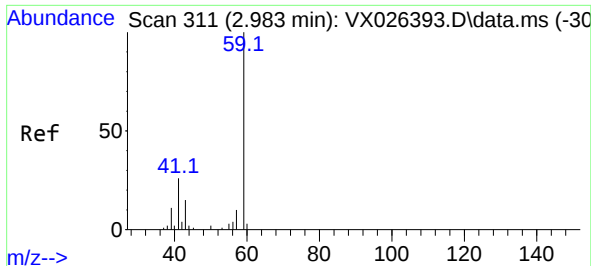


#22
cis-1,2-Dichloroethene
Concen: 55.658 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



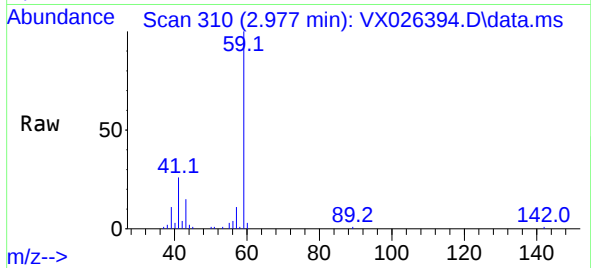
Tgt Ion: 96 Resp: 75657
Ion Ratio Lower Upper
96 100
61 149.1 114.5 171.7
98 64.5 51.3 76.9





#23
tert-Butyl Alcohol
Concen: 164.439 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

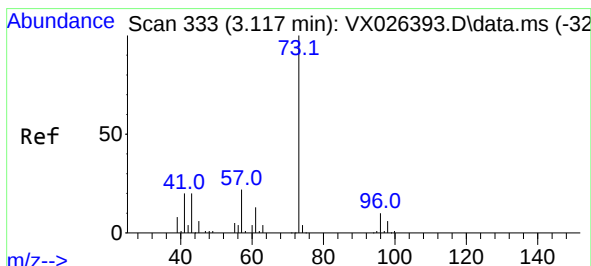
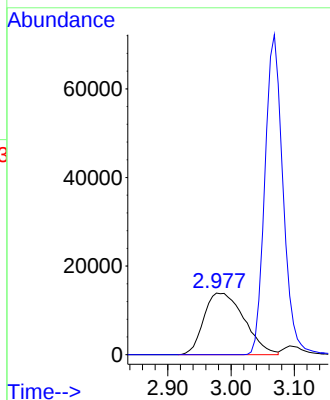
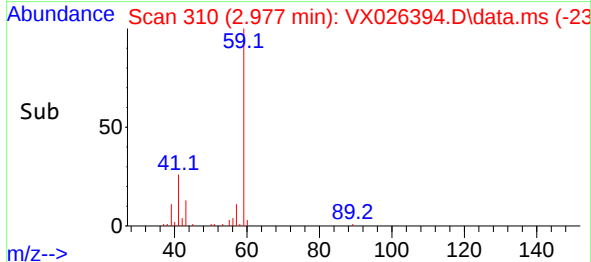
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 59 Resp: 61668
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

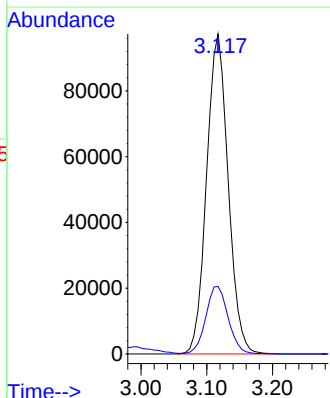
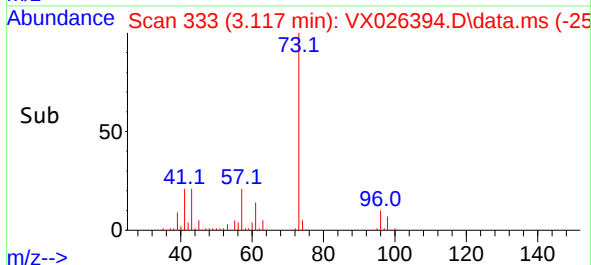
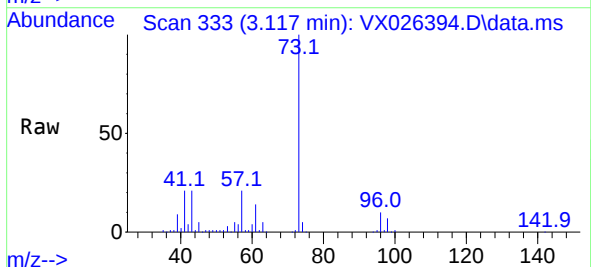
Manual Integrations
APPROVED

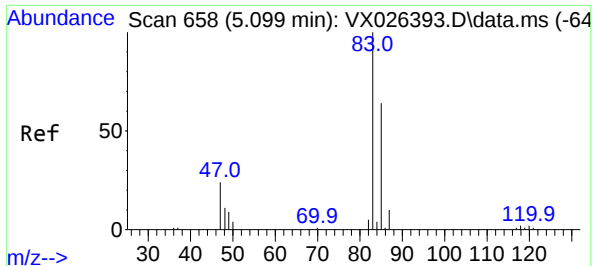
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#24
Methyl tert-Butyl Ether
Concen: 50.450 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Tgt Ion: 73 Resp: 222210
Ion Ratio Lower Upper
73 100
43 21.8 17.9 26.9





#25

Chloroform

Concen: 46.119 ug/l

RT: 5.098 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX026394.D

Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 83 Resp: 12761

Ion Ratio Lower Upper

83 100

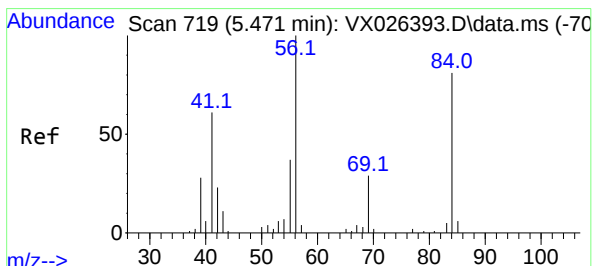
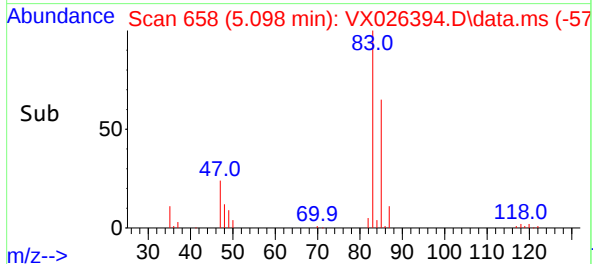
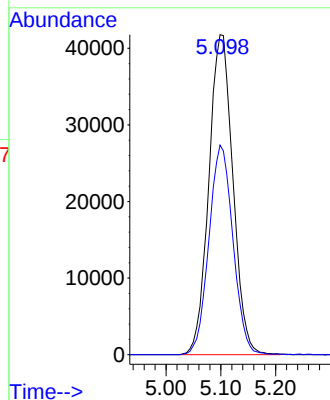
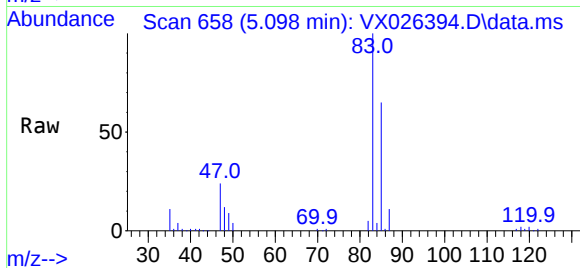
85 65.5 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2022

Supervised By :Mahesh Dadoda 01/11/2022



#26

Cyclohexane

Concen: 59.332 ug/l

RT: 5.476 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX026394.D

Acq: 10 Jan 2022 11:33

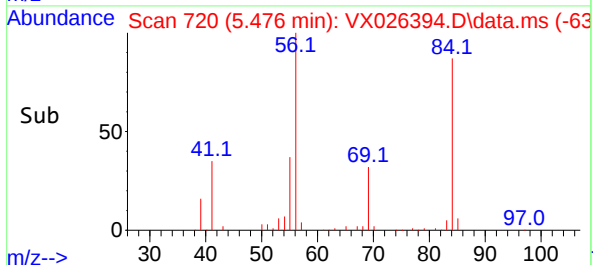
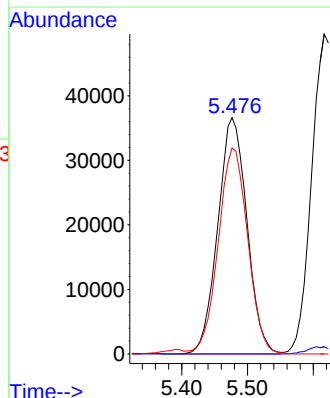
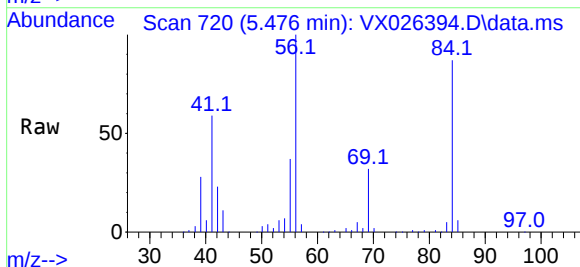
Tgt Ion: 56 Resp: 112952

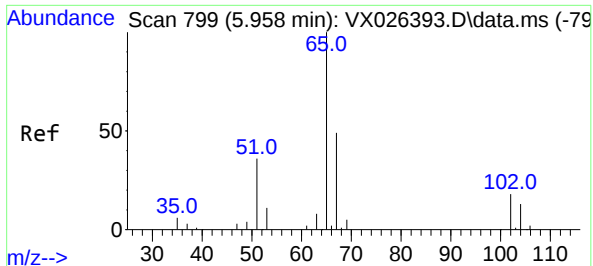
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.3 69.0 103.6





#27
1,2-Dichloroethane-d4
Concen: 25.260 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

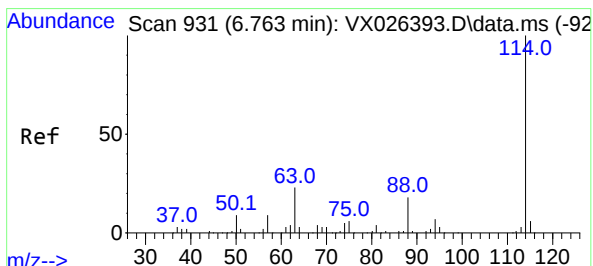
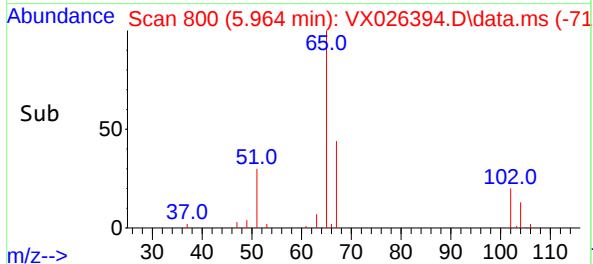
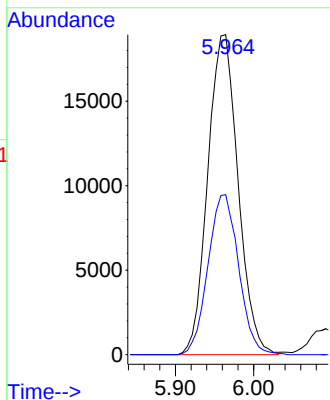
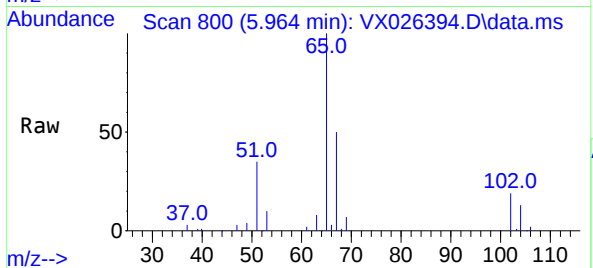
VSTDIC050

Tgt Ion: 65 Resp: 51008
Ion Ratio Lower Upper
65 100
67 50.5 42.4 63.6

Manual Integrations

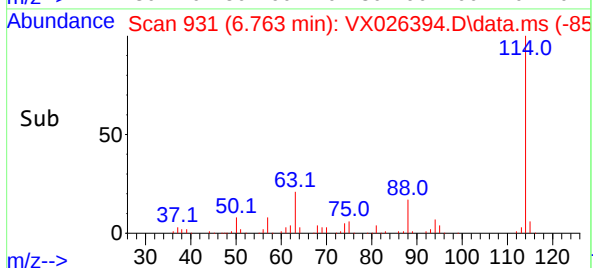
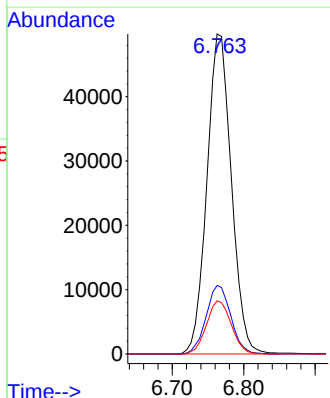
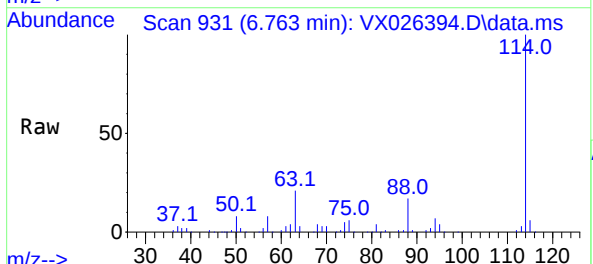
APPROVED

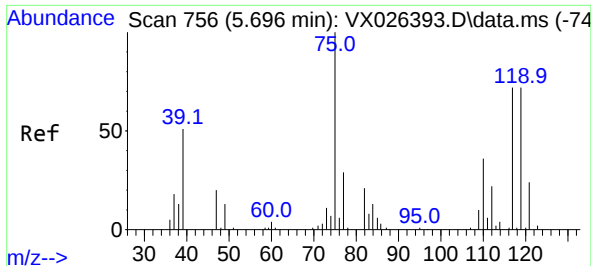
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Tgt Ion:114 Resp: 118143
Ion Ratio Lower Upper
114 100
63 21.6 16.4 24.6
88 16.8 12.7 19.1





#29
1,1-Dichloropropene
Concen: 50.295 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

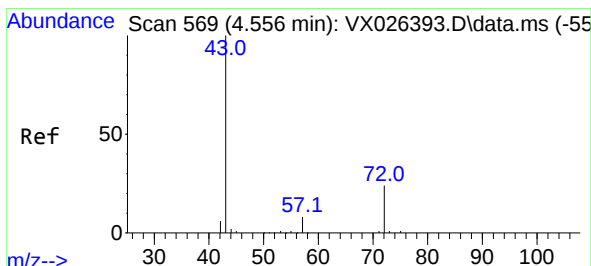
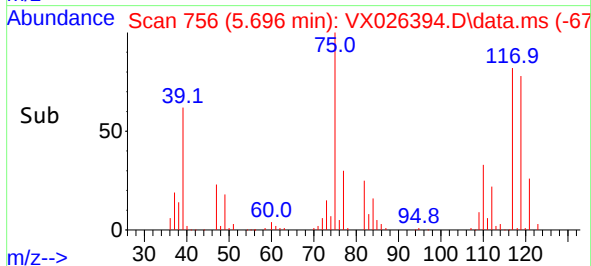
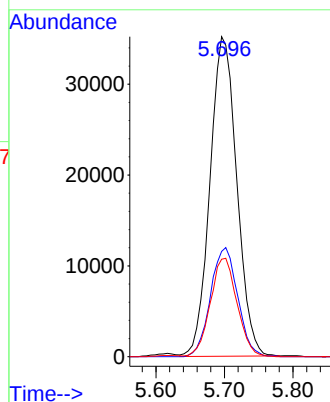
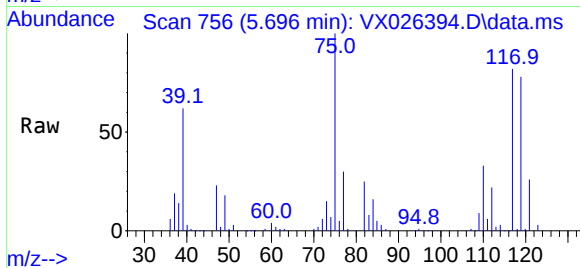
VSTDIC050

Tgt Ion: 75 Resp: 9554
Ion Ratio Lower Upper
75 100
110 34.5 0.0 72.0
77 30.8 0.0 61.8

Manual Integrations

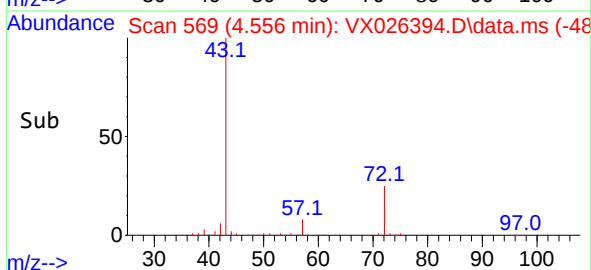
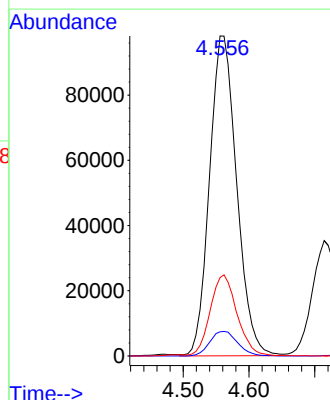
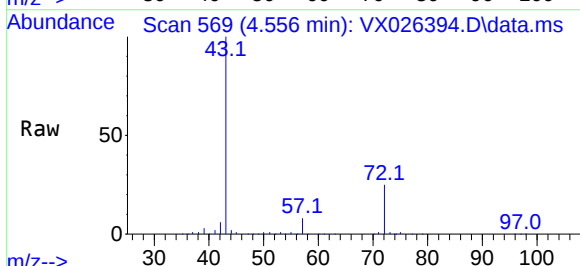
APPROVED

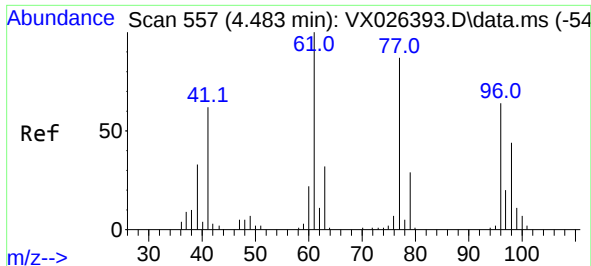
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#30
2-Butanone
Concen: 294.426 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Tgt Ion: 43 Resp: 282109
Ion Ratio Lower Upper
43 100
57 7.8 6.6 9.8
72 25.0 21.0 31.4





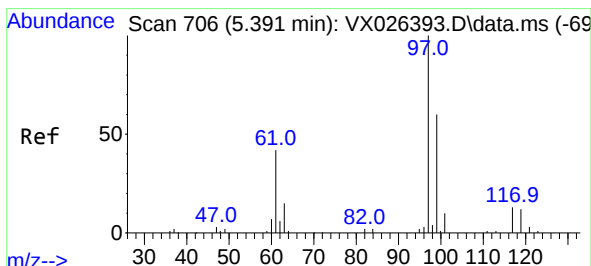
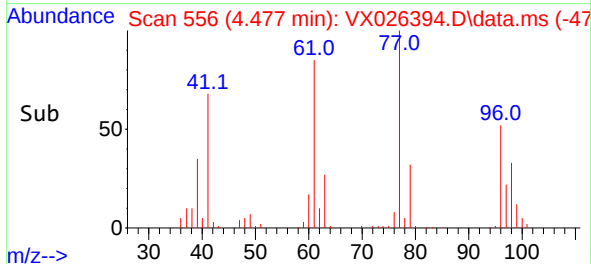
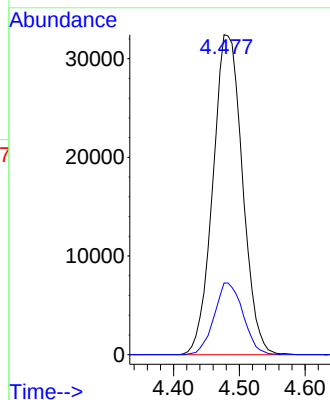
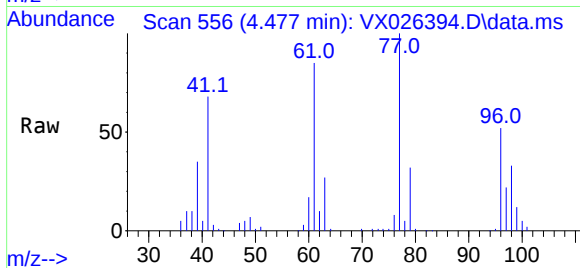
#31
2,2-Dichloropropane
Concen: 42.097 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 77 Resp: 10158
Ion Ratio Lower Upper
77 100
97 21.9 19.8 29.8

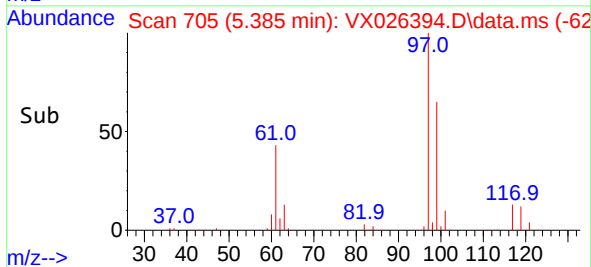
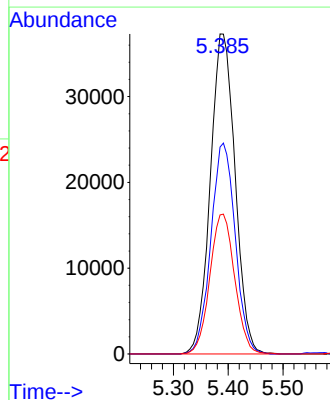
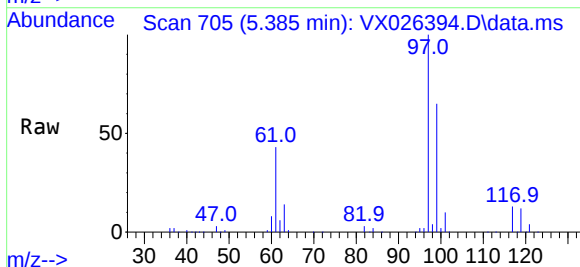
Manual Integrations
APPROVED

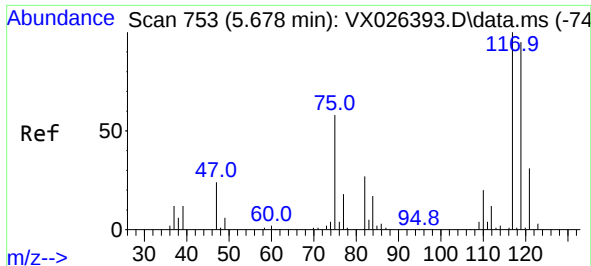
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#32
1,1,1-Trichloroethane
Concen: 42.799 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

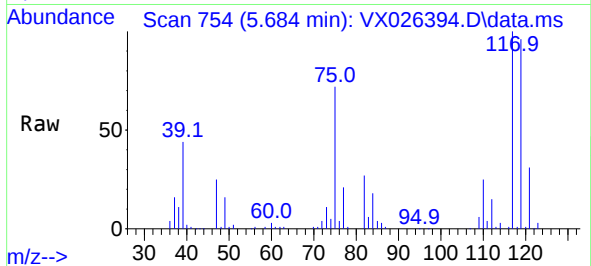
Tgt Ion: 97 Resp: 116963
Ion Ratio Lower Upper
97 100
99 64.9 50.4 75.6
61 43.8 36.4 54.6





#33
Carbon Tetrachloride
Concen: 43.171 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

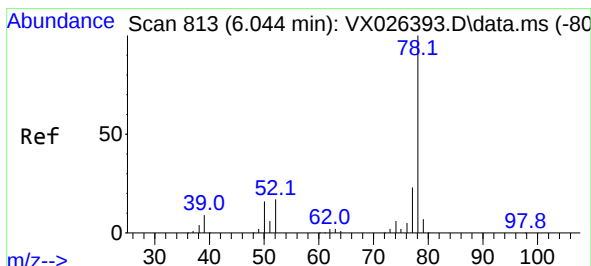
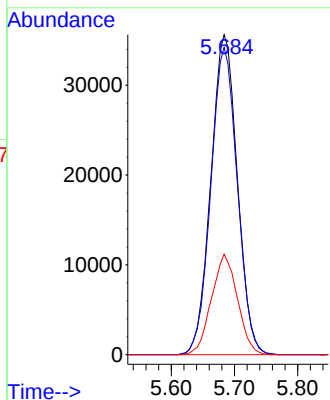
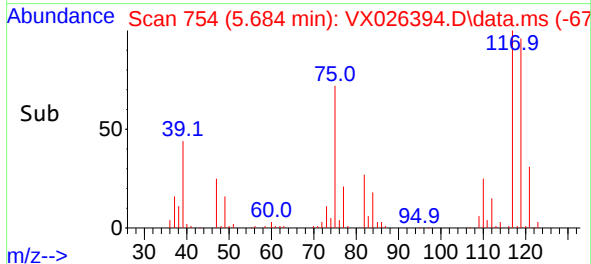
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



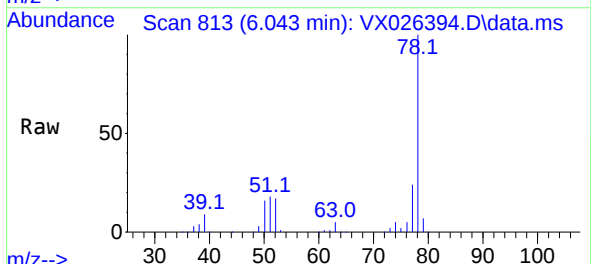
Tgt Ion:117 Resp: 103534
Ion Ratio Lower Upper
117 100
119 96.0 75.4 113.2
121 31.4 24.1 36.1

Manual Integrations
APPROVED

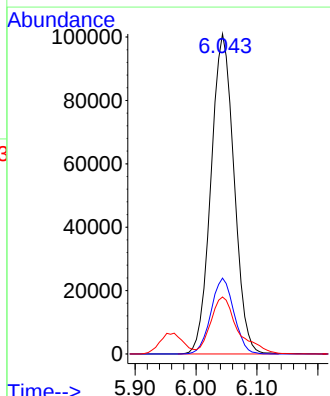
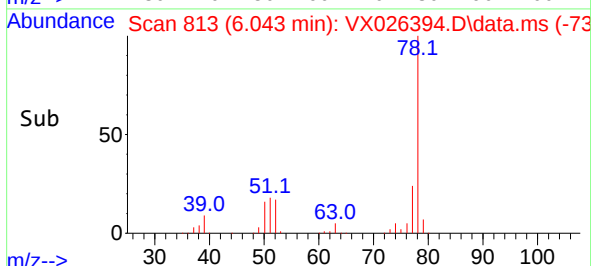
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

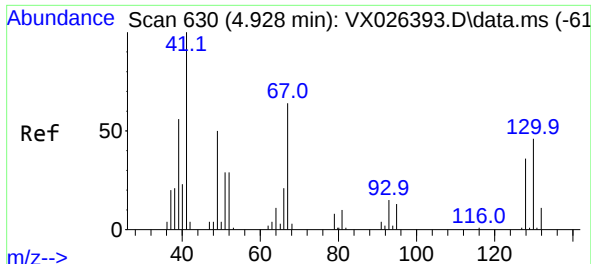


#34
Benzene
Concen: 54.673 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



Tgt Ion: 78 Resp: 264908
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9
51 17.6 12.2 18.4





#35
Methacrylonitrile
Concen: 62.309 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.086 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

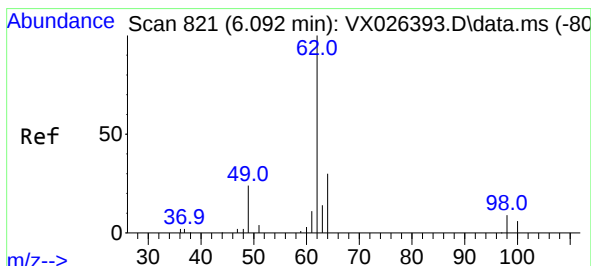
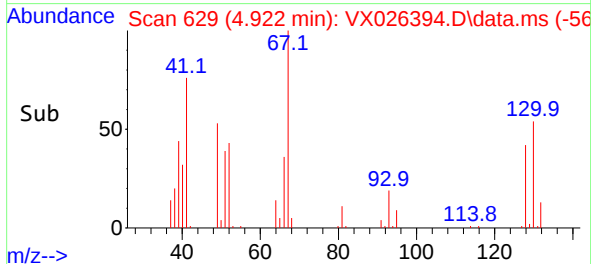
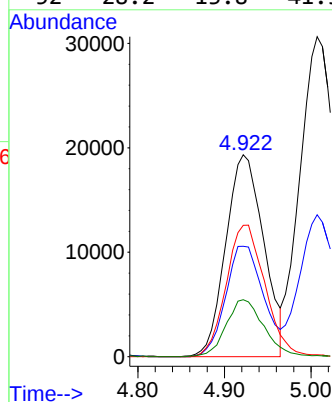
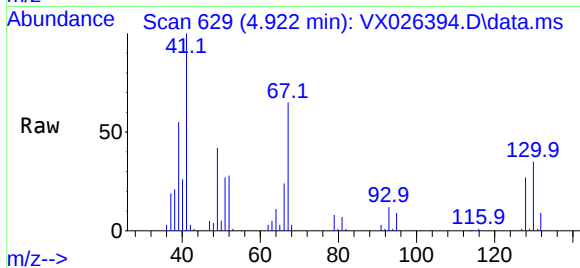
VSTDICC050

Tgt Ion: 41 Resp: 58878
Ion Ratio Lower Upper
41 100
39 54.7 27.4 82.2
67 65.0 34.6 103.9
52 28.2 13.8 41.3

Manual Integrations

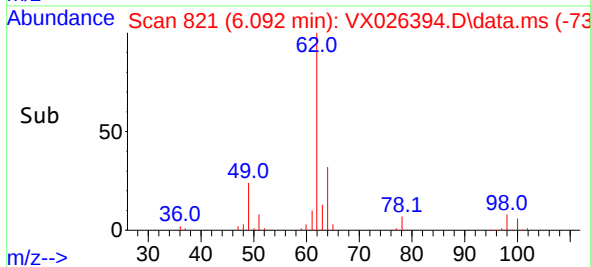
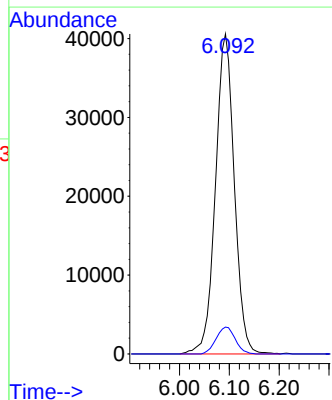
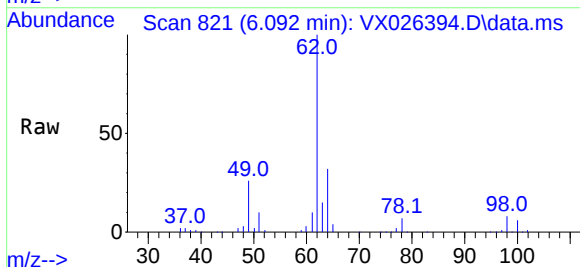
APPROVED

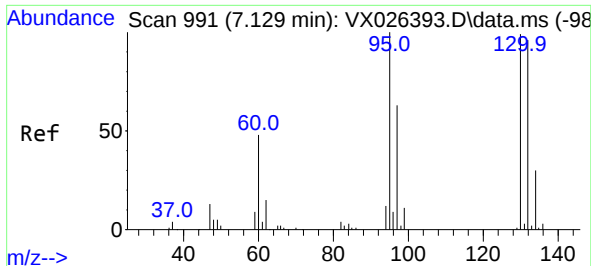
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#36
1,2-Dichloroethane
Concen: 45.389 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

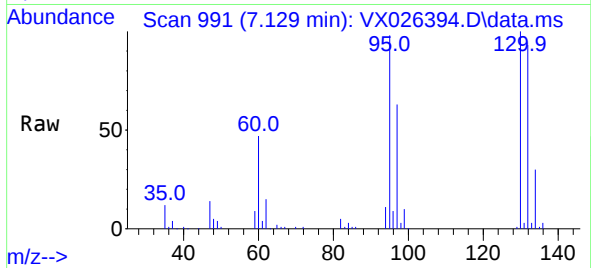
Tgt Ion: 62 Resp: 106564
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.4





#37
Trichloroethene
Concen: 56.890 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

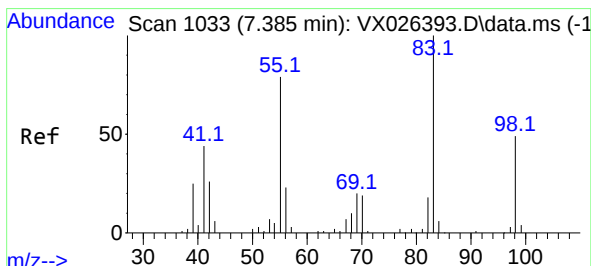
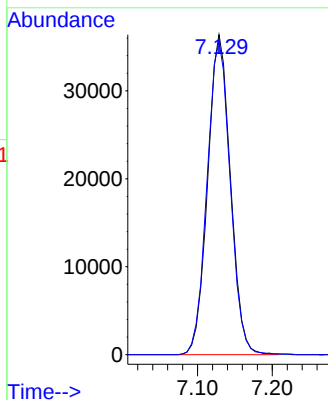
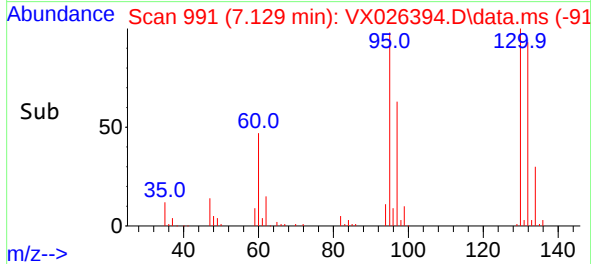
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



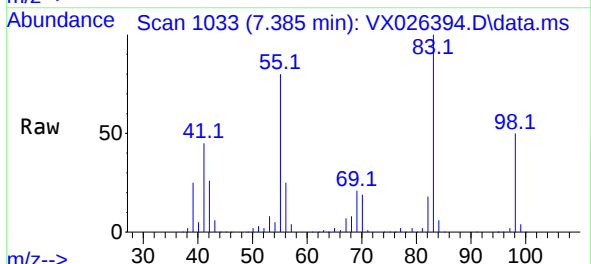
Tgt Ion:130 Resp: 7704
Ion Ratio Lower Upper
130 100
95 98.1 77.0 115.4

Manual Integrations
APPROVED

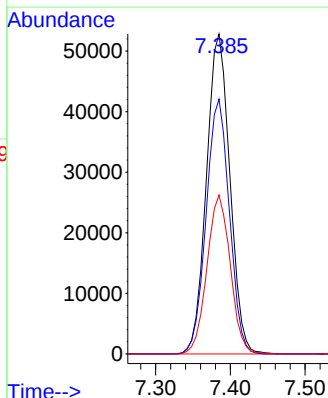
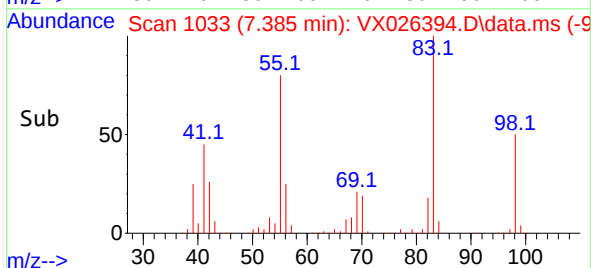
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

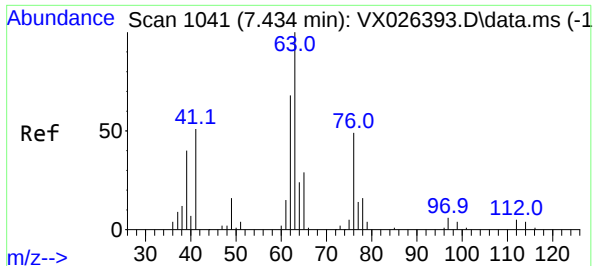


#38
Methylcyclohexane
Concen: 56.421 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



Tgt Ion: 83 Resp: 115102
Ion Ratio Lower Upper
83 100
55 79.0 37.8 113.4
98 49.4 23.4 70.3





#39

1,2-Dichloropropane

Concen: 51.641 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX026394.D

Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 6828

Ion Ratio Lower Upper

63 100

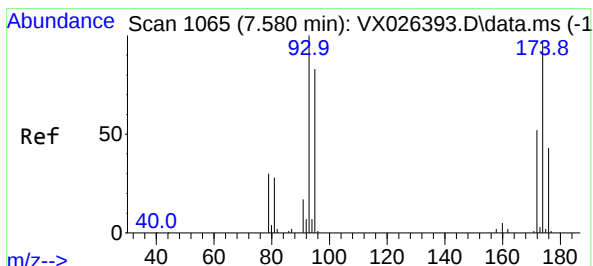
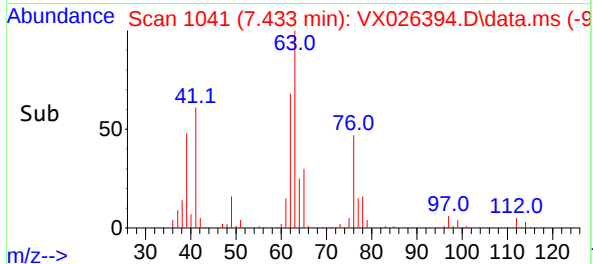
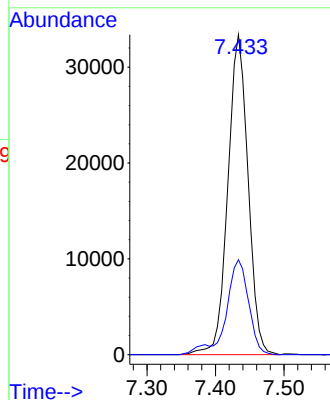
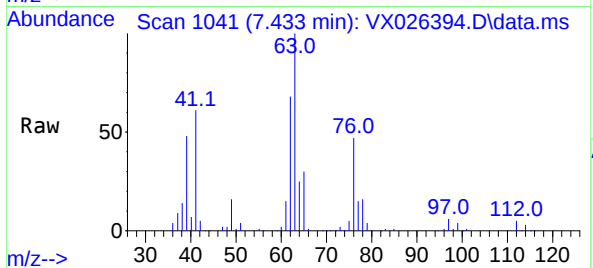
65 29.7 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2022

Supervised By :Mahesh Dadoda 01/11/2022



#40

Dibromomethane

Concen: 46.400 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX026394.D

Acq: 10 Jan 2022 11:33

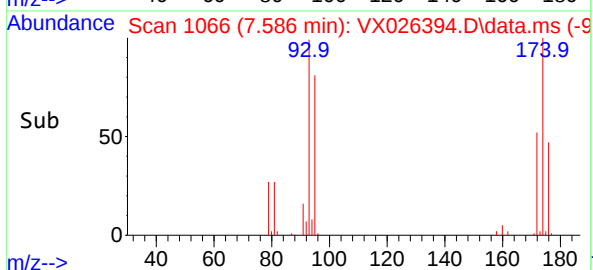
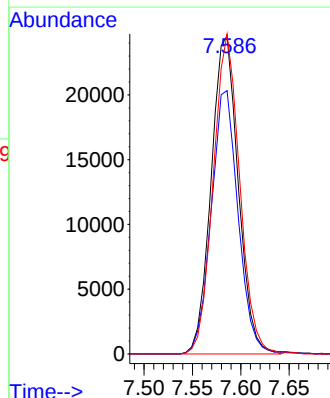
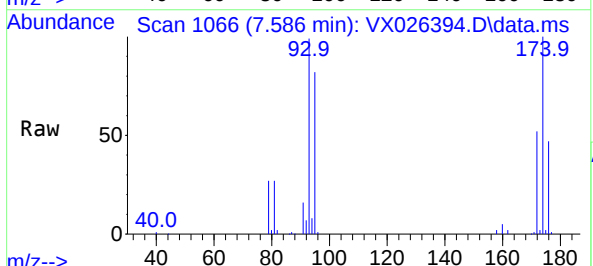
Tgt Ion: 93 Resp: 47798

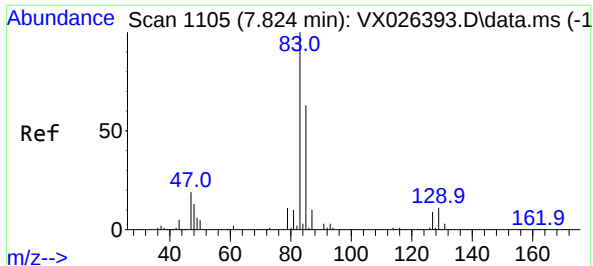
Ion Ratio Lower Upper

93 100

95 82.3 0.0 168.4

174 97.9 0.0 206.6





#41
Bromodichloromethane
Concen: 45.733 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

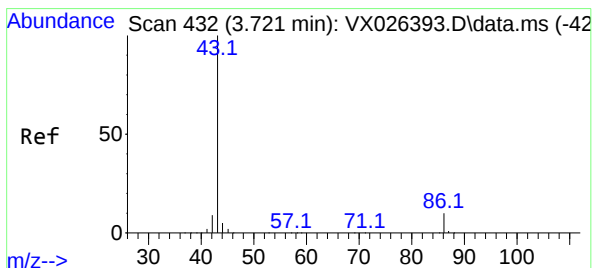
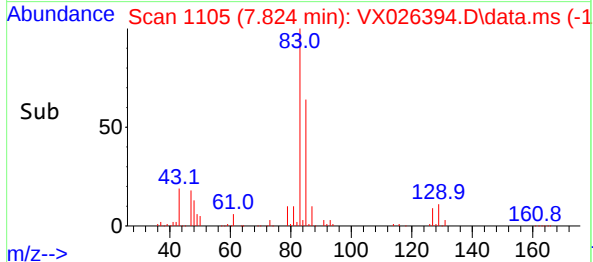
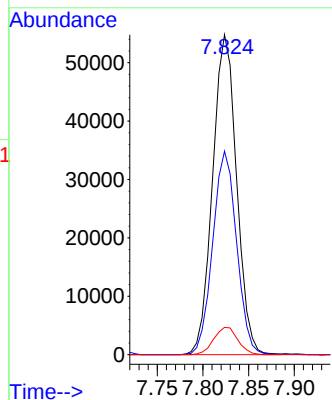
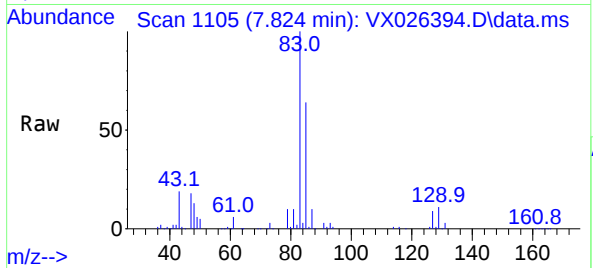
VSTDIC050

Tgt Ion: 83 Resp: 100020
Ion Ratio Lower Upper
83 100
85 63.6 51.7 77.5
127 8.5 7.4 11.0

Manual Integrations

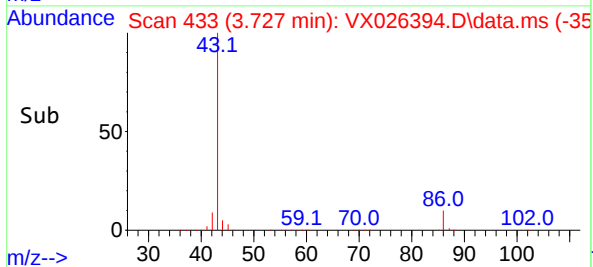
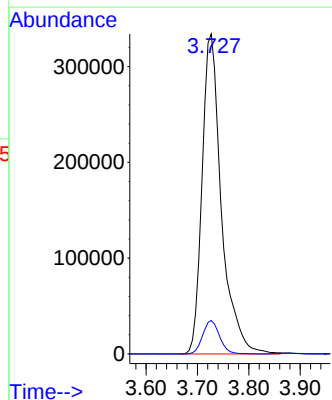
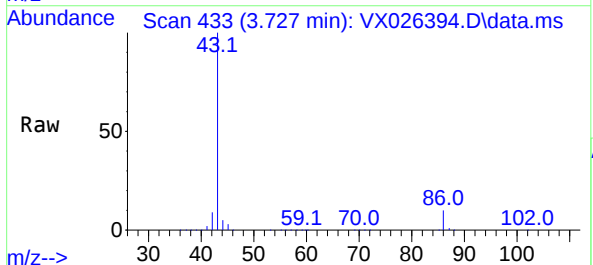
APPROVED

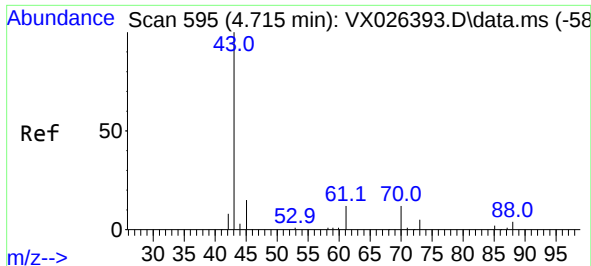
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#42
Vinyl Acetate
Concen: 304.484 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

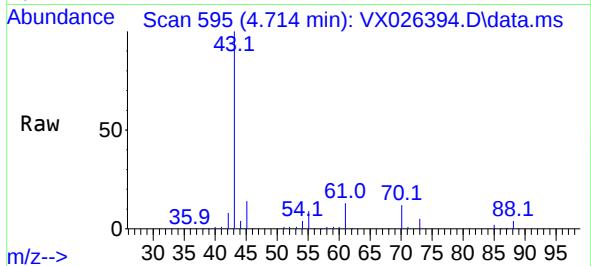
Tgt Ion: 43 Resp: 872894
Ion Ratio Lower Upper
43 100
86 9.1 7.2 10.8





#43
Ethyl Acetate
Concen: 55.457 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

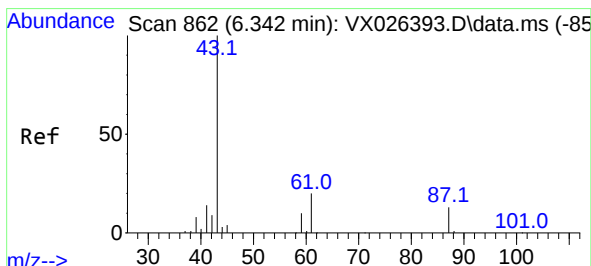
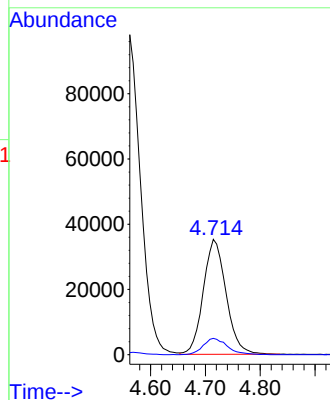
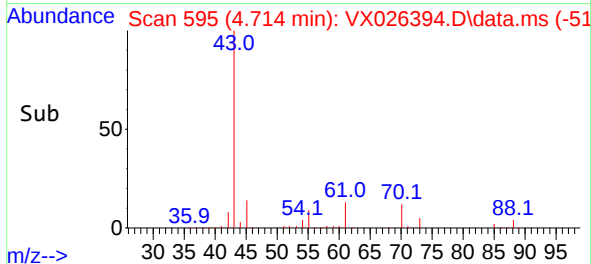
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



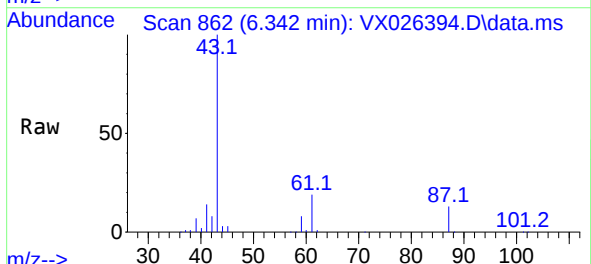
Tgt Ion: 43 Resp: 101849
Ion Ratio Lower Upper
43 100
45 15.1 12.1 18.1

Manual Integrations
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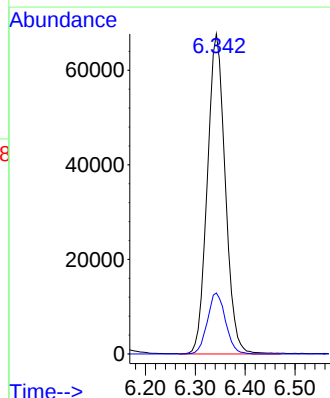
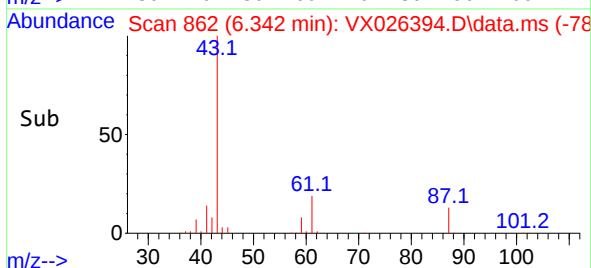
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

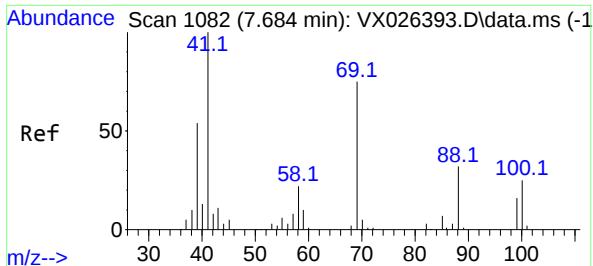


#44
Isopropyl Acetate
Concen: 58.904 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



Tgt Ion: 43 Resp: 169212
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.2





#45

1,4-Dioxane

Concen: 859.361 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.018 min

Lab File: VX026394.D

Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 88 Resp: 2621

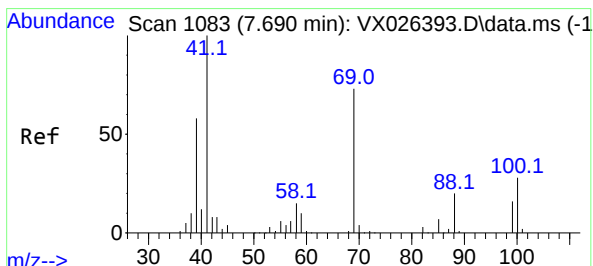
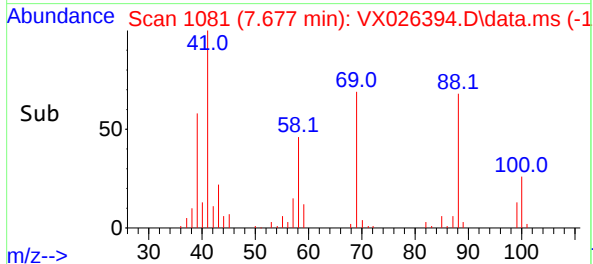
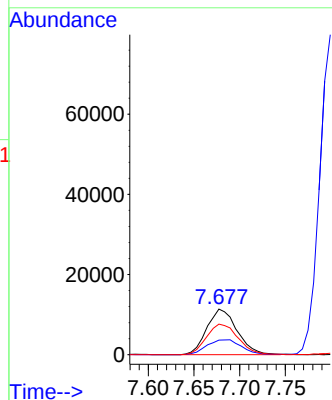
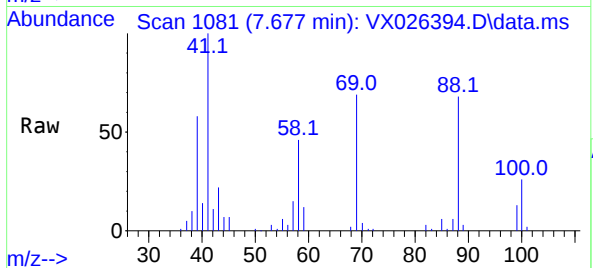
Ion	Ratio	Lower	Upper
88	100		
43	37.4	25.3	37.9
58	70.2	53.1	79.7

Manual Integrations

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Reviewed By :John Carlone 01/11/2022

Supervised By :Mahesh Dadoda 01/11/2022



#46

Methyl methacrylate

Concen: 58.972 ug/l

RT: 7.696 min Scan# 1084

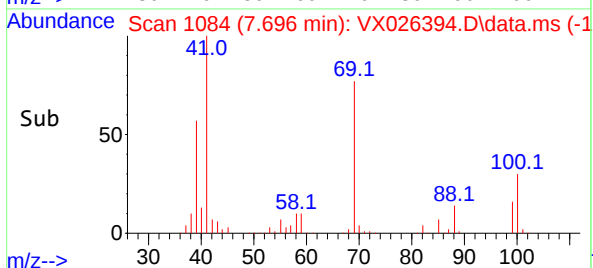
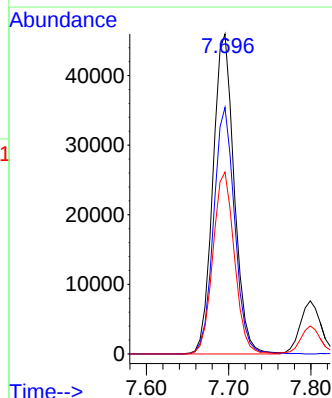
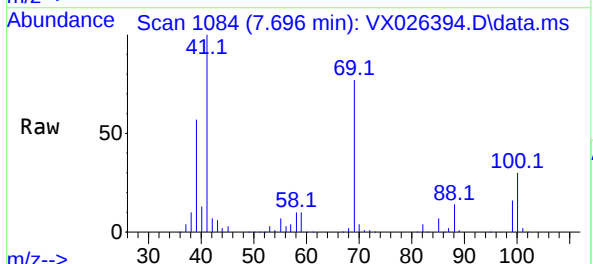
Delta R.T. -0.000 min

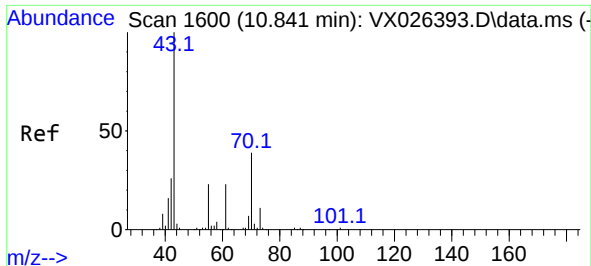
Lab File: VX026394.D

Acq: 10 Jan 2022 11:33

Tgt Ion: 41 Resp: 82820

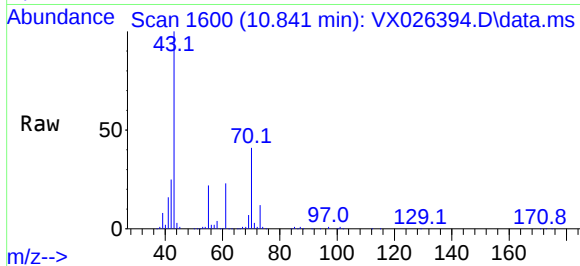
Ion	Ratio	Lower	Upper
41	100		
69	77.1	39.5	118.5
39	56.9	29.0	87.1





#47
n-amy1 Acetate
Concen: 54.877 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

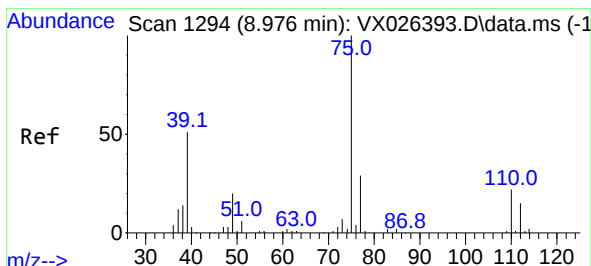
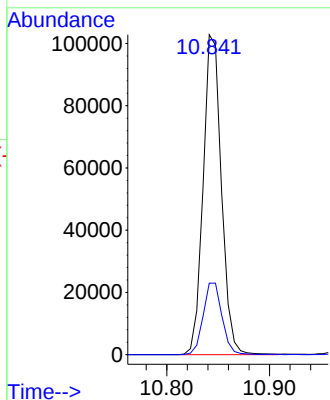
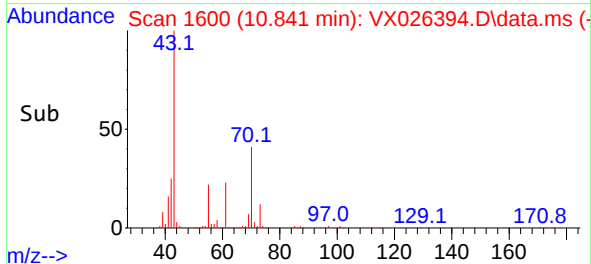
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 12712
Ion Ratio Lower Upper
43 100
55 23.2 18.9 28.3

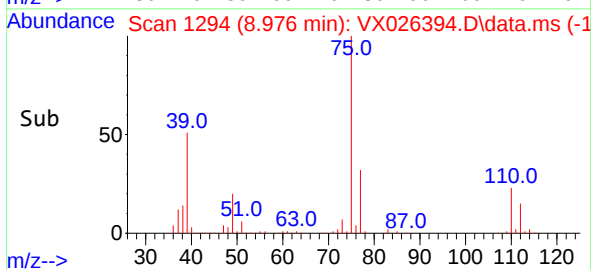
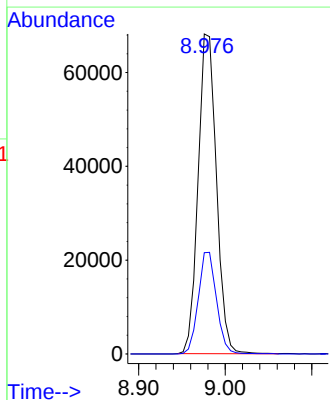
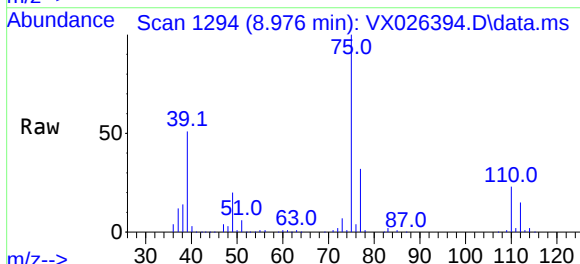
Manual Integrations
APPROVED

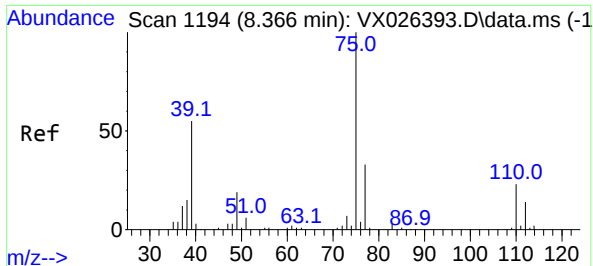
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#48
t-1,3-Dichloropropene
Concen: 42.609 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Tgt Ion: 75 Resp: 100388
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8





#49

cis-1,3-Dichloropropene

Concen: 47.281 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX026394.D

Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 111200

Ion Ratio Lower Upper

75 100

77 32.5 23.6 35.4

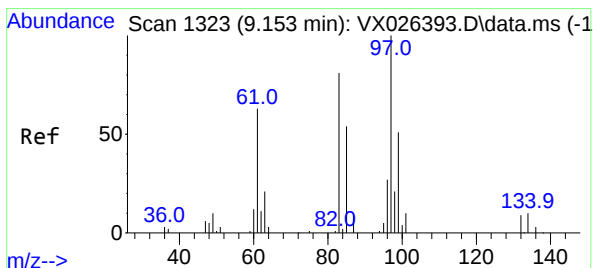
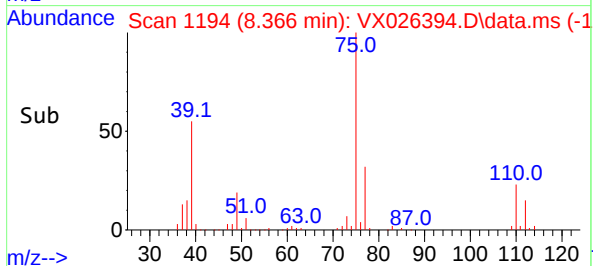
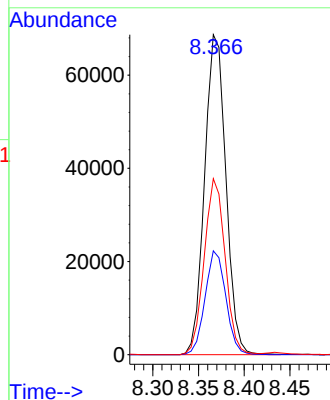
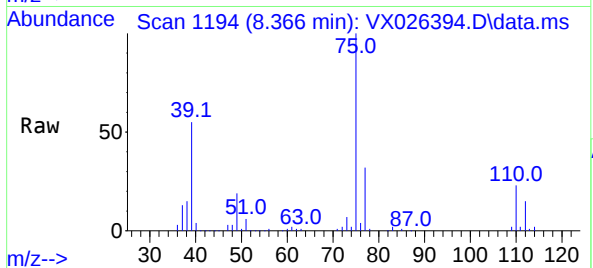
39 55.0 44.0 66.0

Manual Integrations

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Reviewed By :John Carlone 01/11/2022

Supervised By :Mahesh Dadoda 01/11/2022



#50

1,1,2-Trichloroethane

Concen: 46.539 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX026394.D

Acq: 10 Jan 2022 11:33

Tgt Ion: 97 Resp: 64915

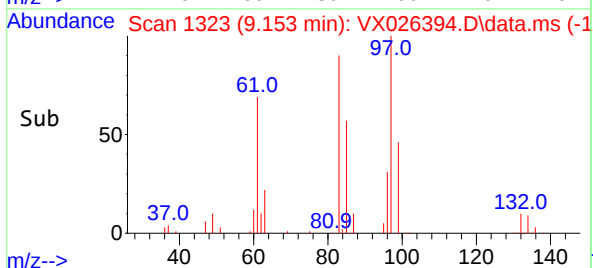
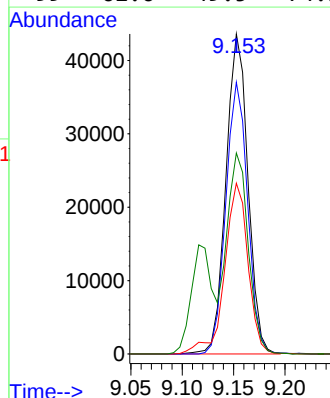
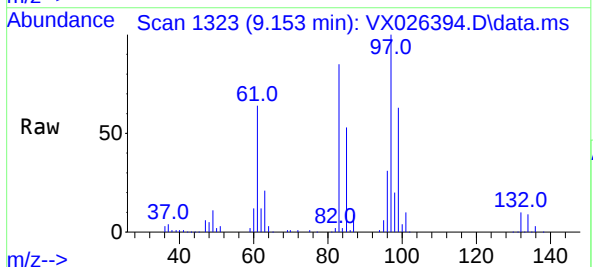
Ion Ratio Lower Upper

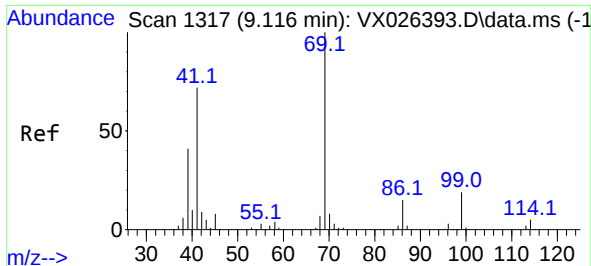
97 100

83 84.9 64.2 96.4

85 53.2 42.4 63.6

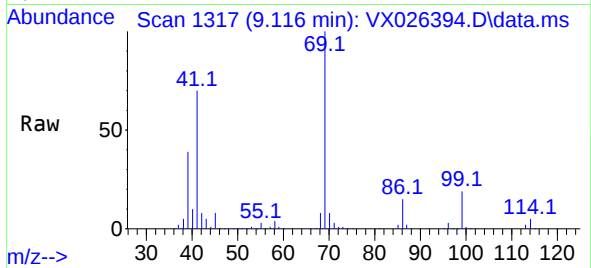
99 62.6 49.5 74.3





#51
Ethyl methacrylate
Concen: 46.971 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

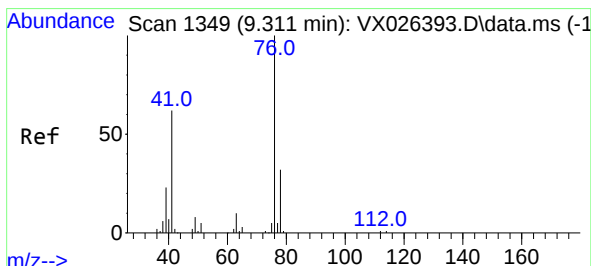
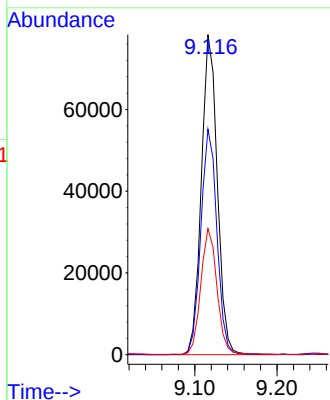
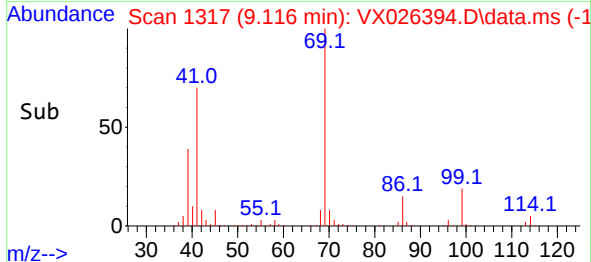
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



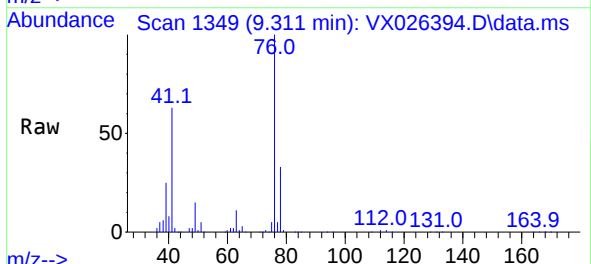
Tgt Ion: 69 Resp: 10559
Ion Ratio Lower Upper
69 100
41 70.4 35.8 107.3
39 39.3 20.3 60.8

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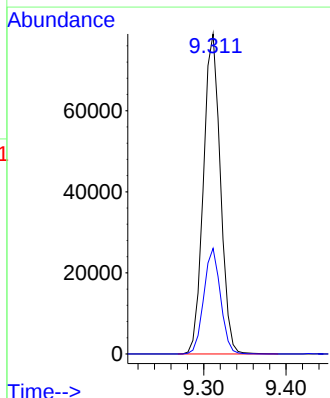
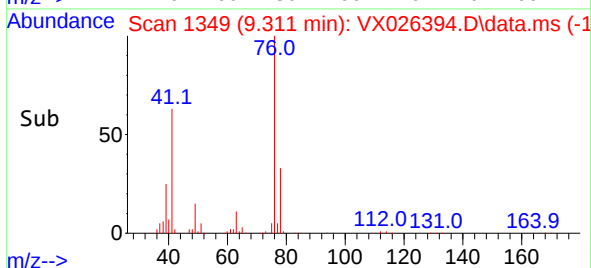
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

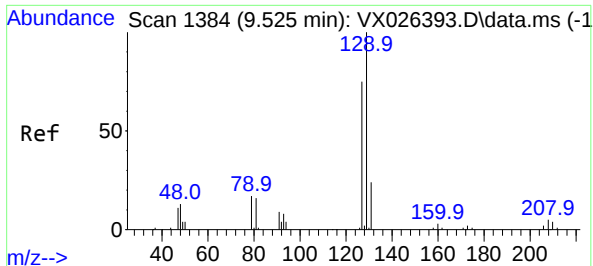


#52
1,3-Dichloropropane
Concen: 47.446 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



Tgt Ion: 76 Resp: 113085
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.0





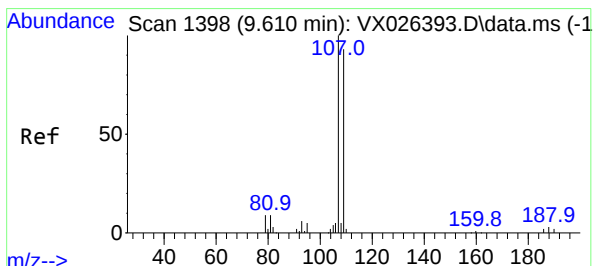
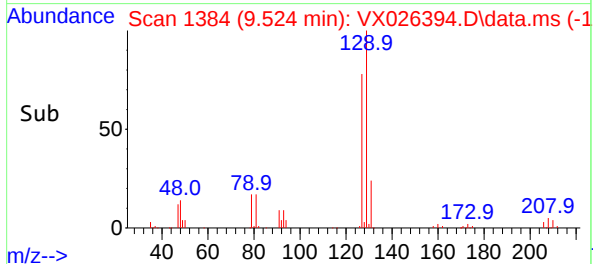
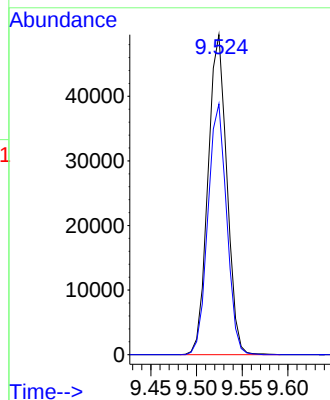
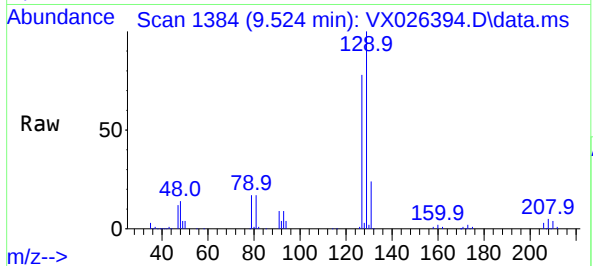
#53
Dibromochloromethane
Concen: 44.725 ug/l
RT: 9.524 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:129 Resp: 71223
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.9

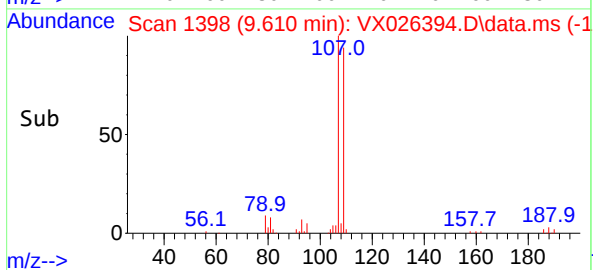
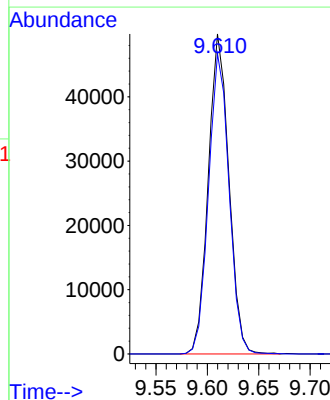
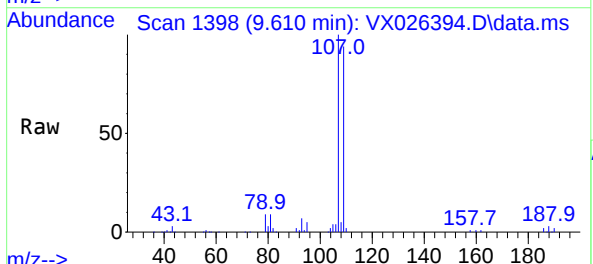
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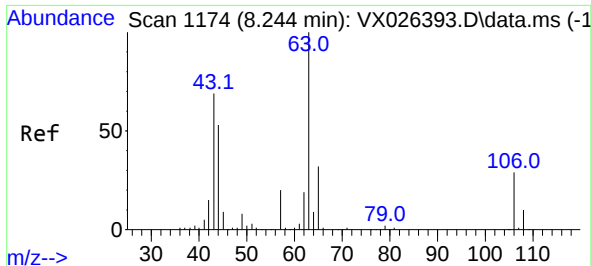
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#54
1,2-Dibromoethane
Concen: 44.469 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Tgt Ion:107 Resp: 69283
Ion Ratio Lower Upper
107 100
109 93.4 75.3 112.9





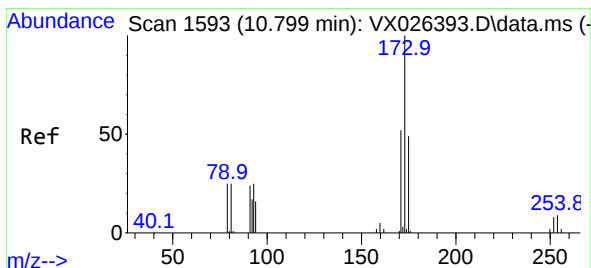
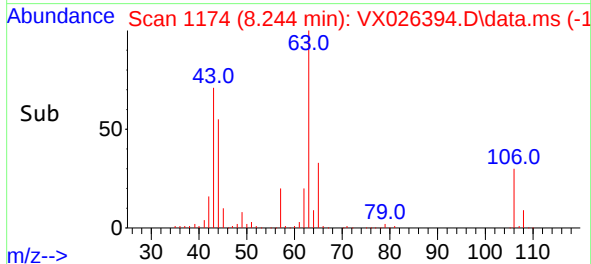
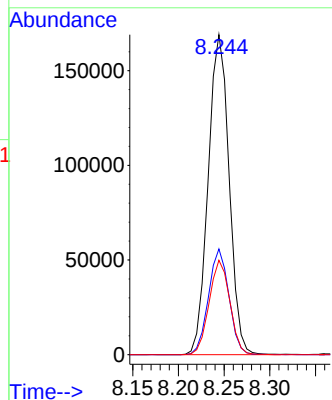
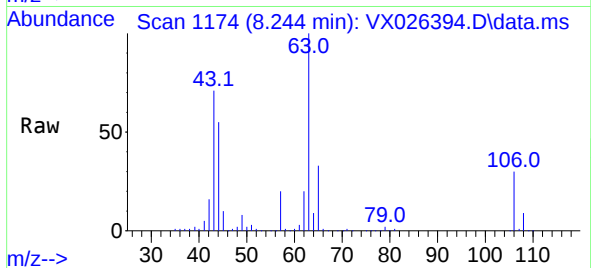
#55
2-Chloroethyl vinyl ether
Concen: 268.792 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 268898
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.6
106 29.1 21.8 32.8

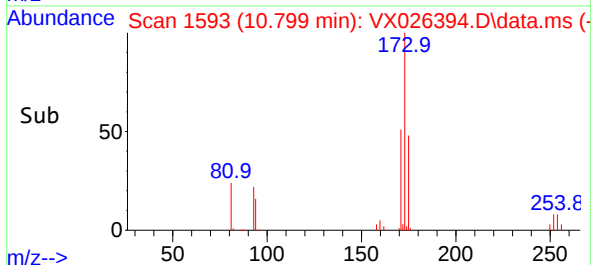
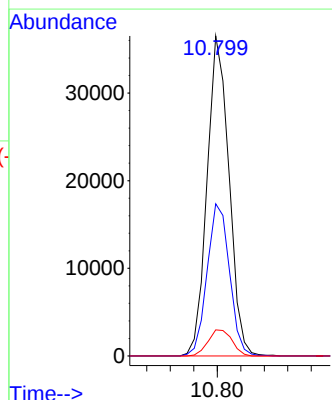
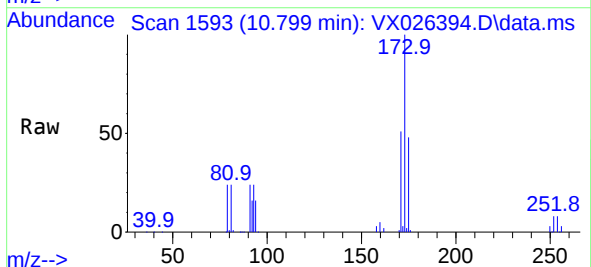
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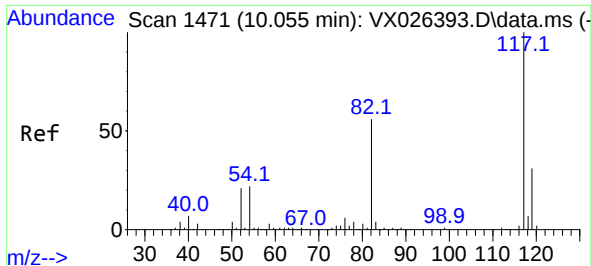
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#56
Bromoform
Concen: 44.803 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Tgt Ion:173 Resp: 47369
Ion Ratio Lower Upper
173 100
175 48.6 38.4 57.6
254 8.9 7.3 10.9





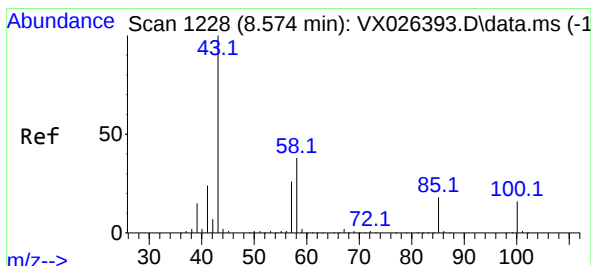
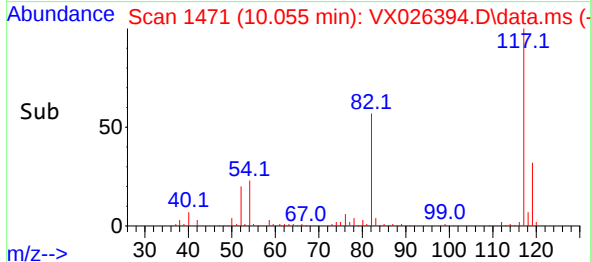
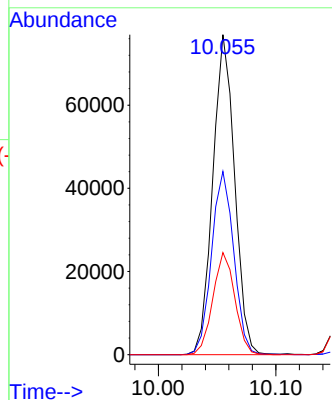
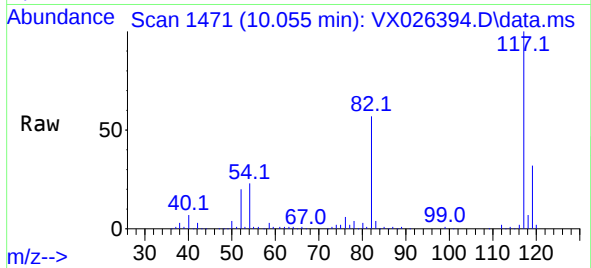
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 117 Resp: 99424
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 32.3 26.2 39.2

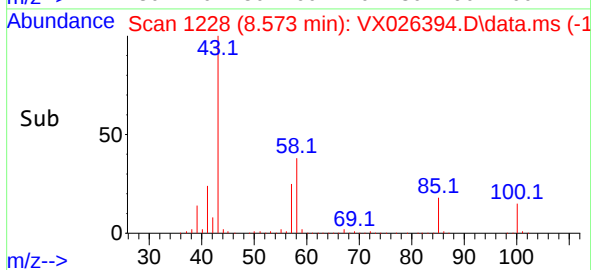
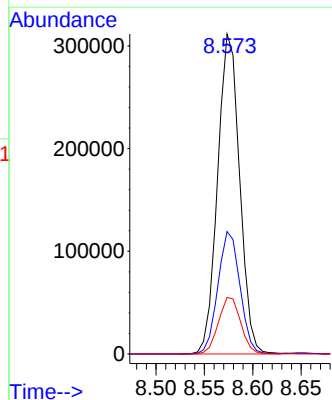
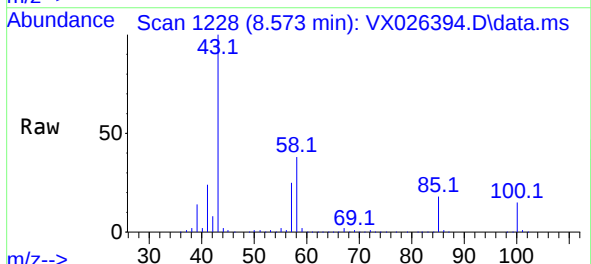
Manual Integrations
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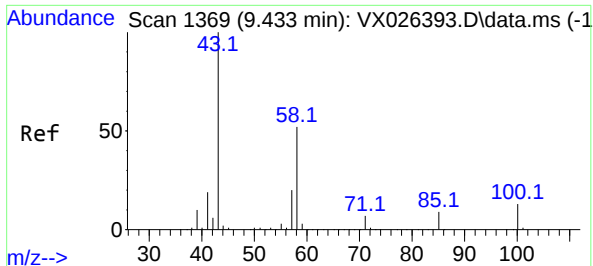
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#58
4-Methyl-2-Pentanone
Concen: 294.161 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Tgt Ion: 43 Resp: 493031
Ion Ratio Lower Upper
43 100
58 38.4 30.5 45.7
85 17.9 14.0 21.0





#59

2-Hexanone

Concen: 299.441 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX026394.D

Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 38563

Ion Ratio Lower Upper

43 100

58 53.0 42.1 63.1

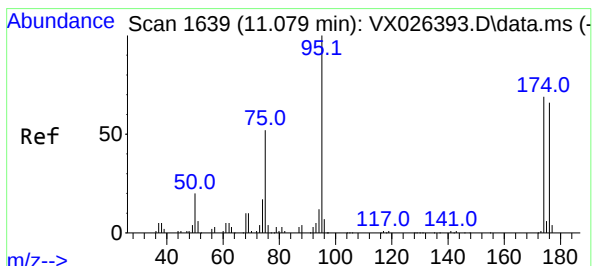
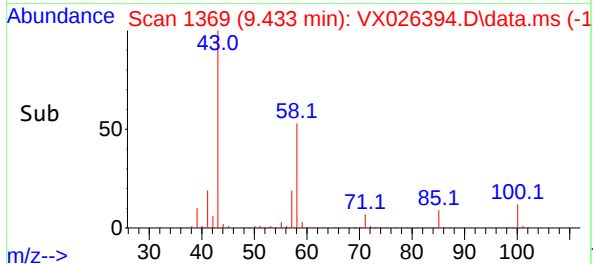
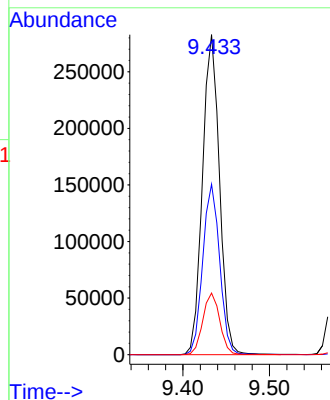
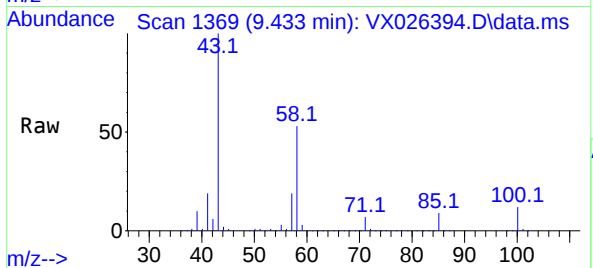
57 19.2 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2022

Supervised By :Mahesh Dadoda 01/11/2022



#60

4-Bromofluorobenzene

Concen: 27.399 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX026394.D

Acq: 10 Jan 2022 11:33

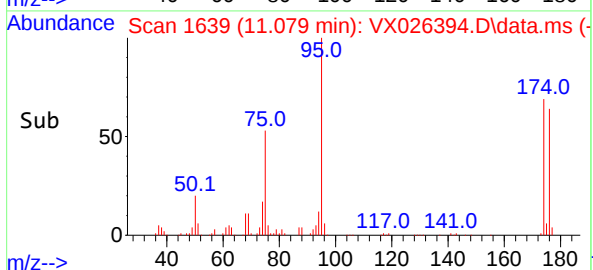
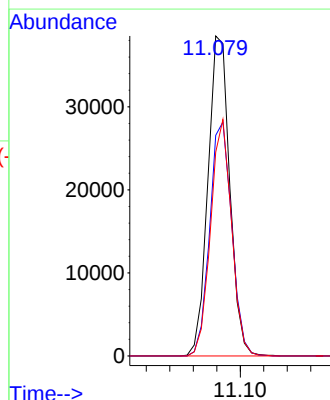
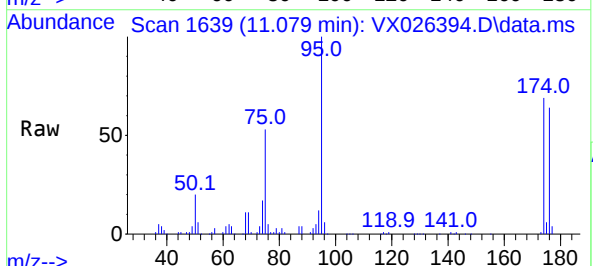
Tgt Ion: 95 Resp: 49703

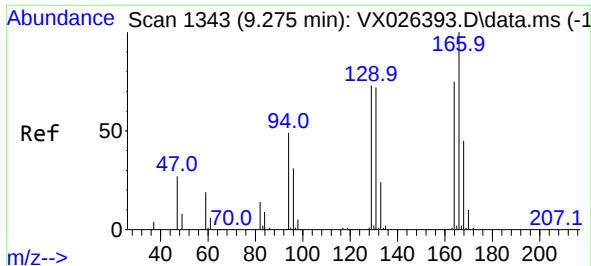
Ion Ratio Lower Upper

95 100

174 73.8 63.5 95.3

176 71.0 63.0 94.4





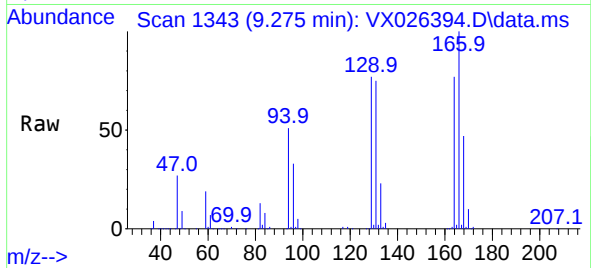
#61
Tetrachloroethene
Concen: 66.478 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050



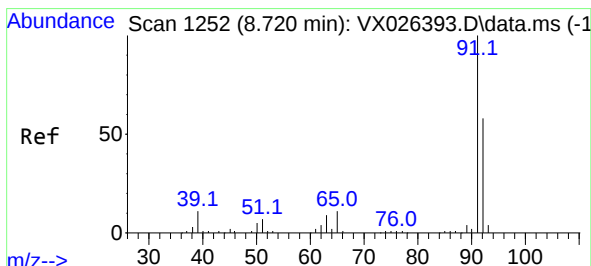
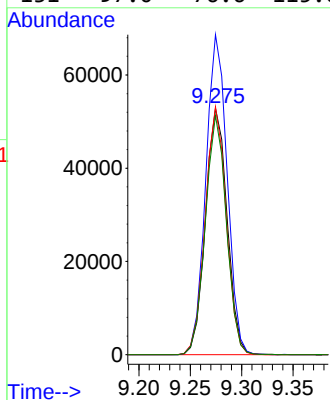
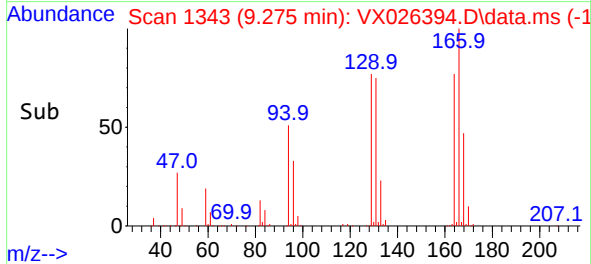
Tgt Ion:164 Resp: 77448
Ion Ratio Lower Upper
164 100
166 129.9 98.6 147.8
129 100.6 79.7 119.5
131 97.0 76.6 115.0

Manual Integrations

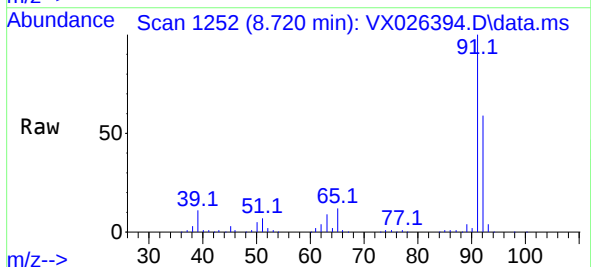
APPROVED

Reviewed By :John Carlone 01/11/2022

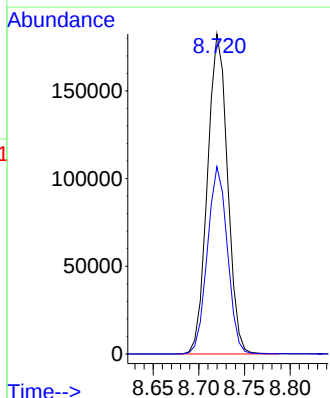
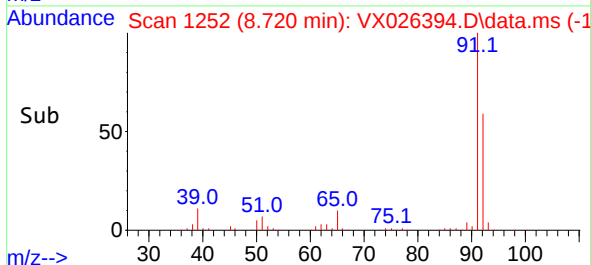
Supervised By :Mahesh Dadoda 01/11/2022

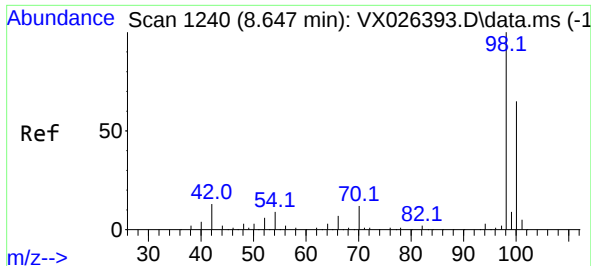


#62
Toluene
Concen: 54.761 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



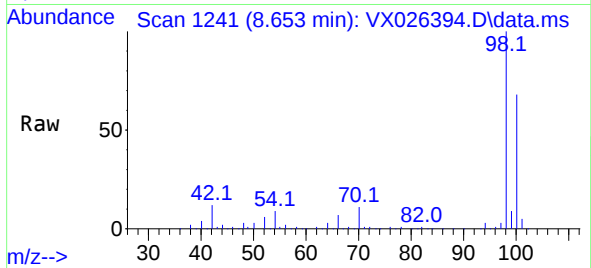
Tgt Ion: 91 Resp: 278501
Ion Ratio Lower Upper
91 100
92 58.4 46.5 69.7





#63
Toluene-d8
Concen: 29.973 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

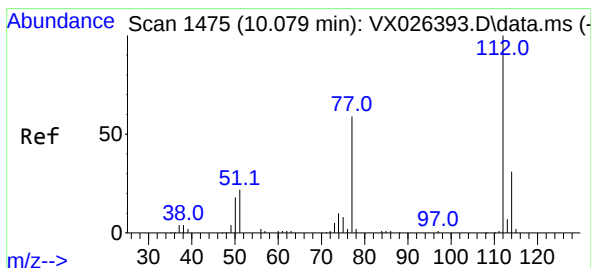
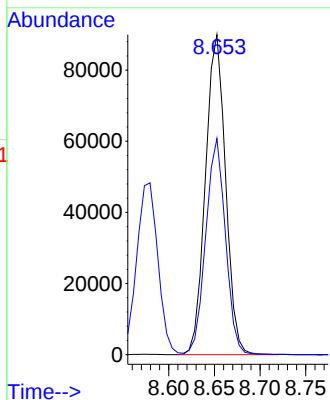
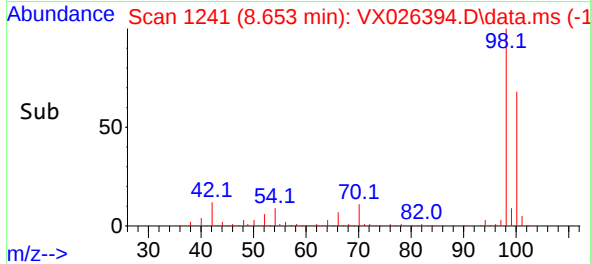
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



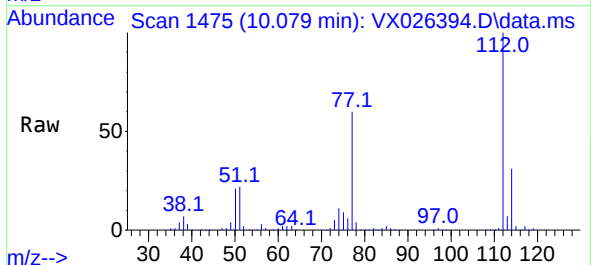
Tgt Ion: 98 Resp: 13763
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0

Manual Integrations
APPROVED

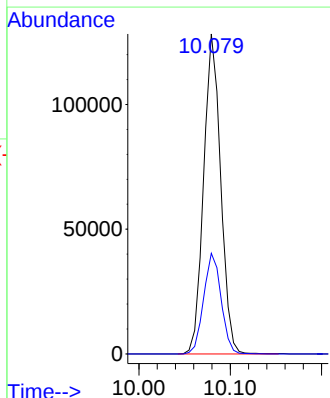
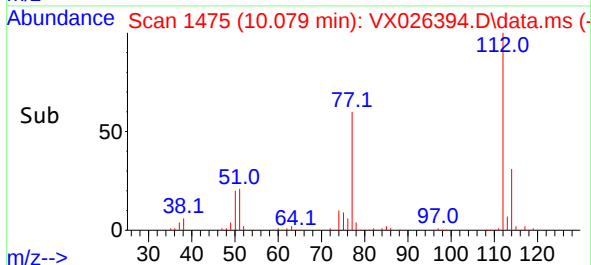
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

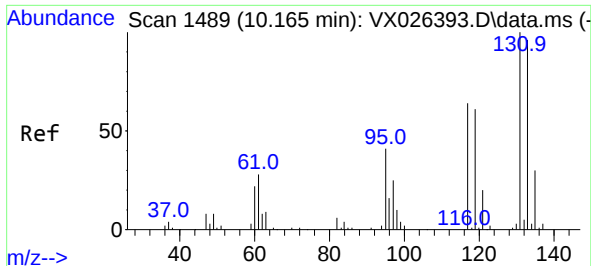


#64
Chlorobenzene
Concen: 54.030 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



Tgt Ion:112 Resp: 165970
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0





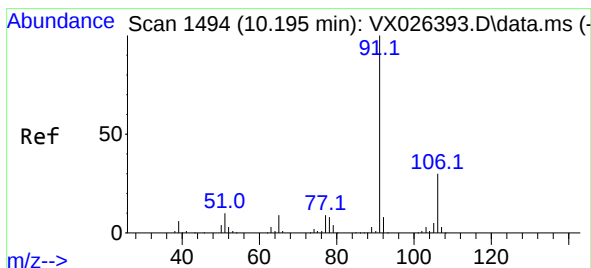
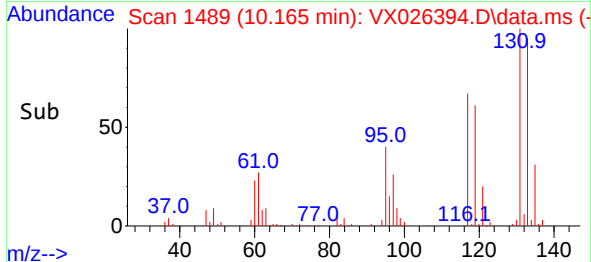
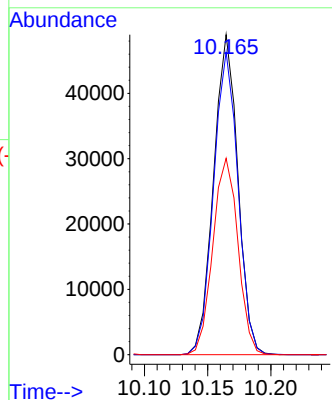
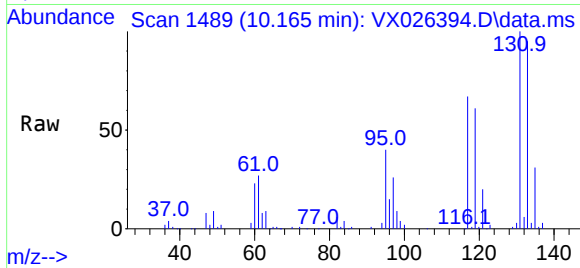
#65
1,1,1,2-Tetrachloroethane
Concen: 47.596 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:131 Resp: 65314
Ion Ratio Lower Upper
131 100
133 95.2 0.0 191.2
119 63.5 0.0 133.2

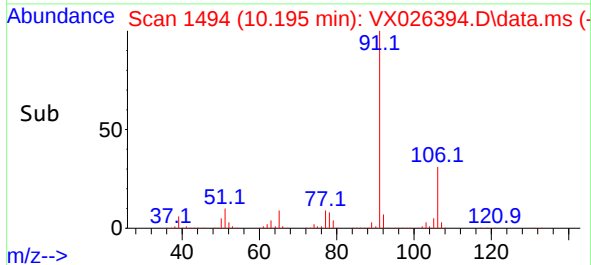
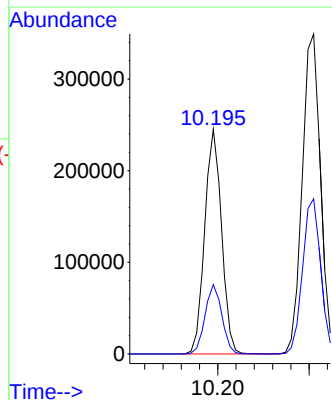
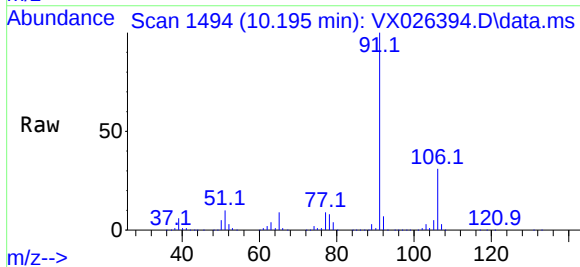
Manual Integrations
APPROVED

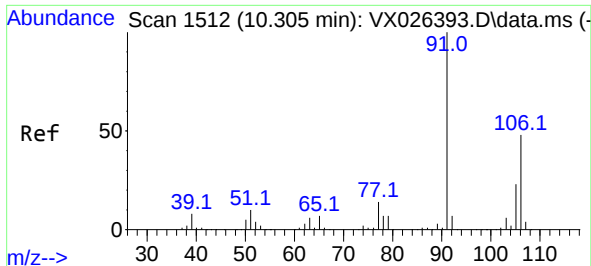
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#66
Ethyl Benzene
Concen: 52.079 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Tgt Ion: 91 Resp: 313175
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1





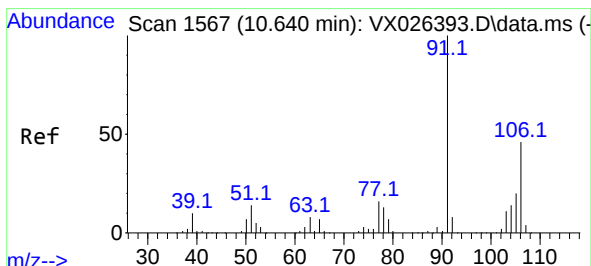
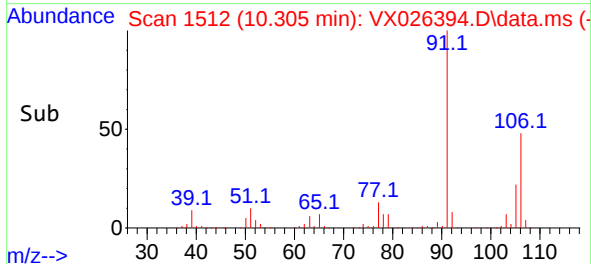
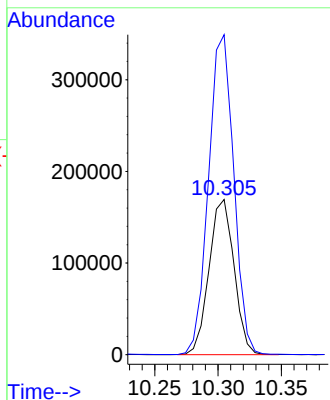
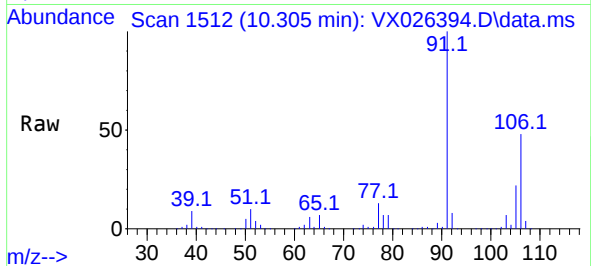
#67
m/p-Xylenes
Concen: 112.729 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 233095
Ion Ratio Lower Upper
106 100
91 207.9 162.4 243.6

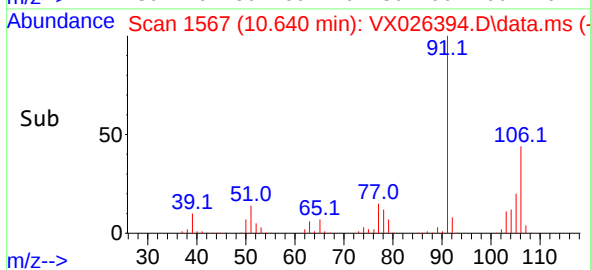
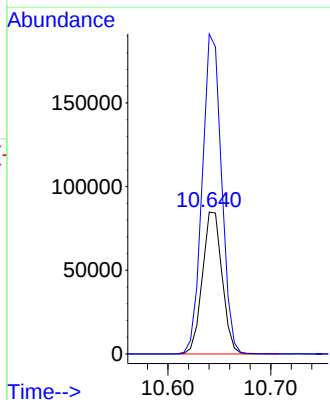
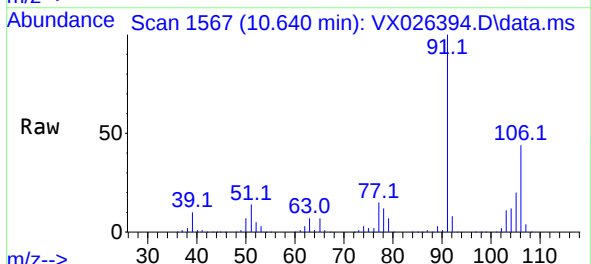
Manual Integrations
APPROVED

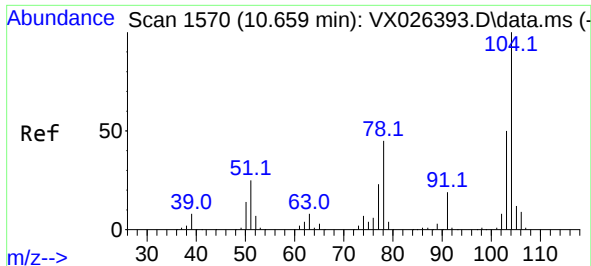
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#68
o-Xylene
Concen: 56.110 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Tgt Ion:106 Resp: 113300
Ion Ratio Lower Upper
106 100
91 220.5 107.3 321.8





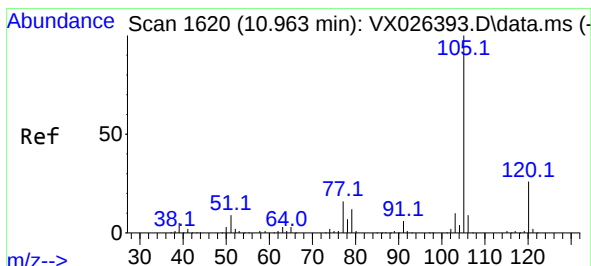
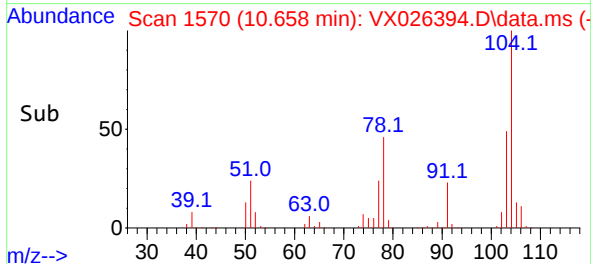
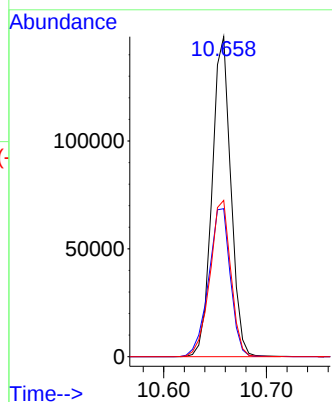
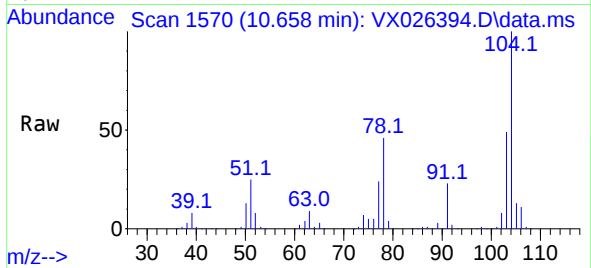
#69
Styrene
Concen: 54.930 ug/l
RT: 10.658 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:104 Resp: 18842
Ion Ratio Lower Upper
104 100
78 53.7 41.4 62.0
103 54.1 44.2 66.4

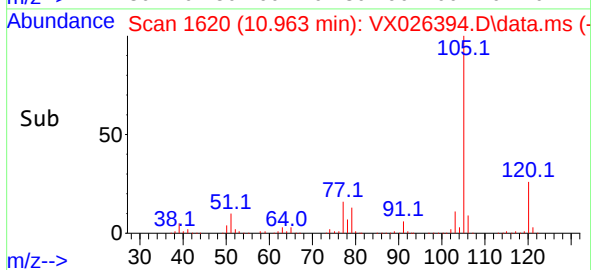
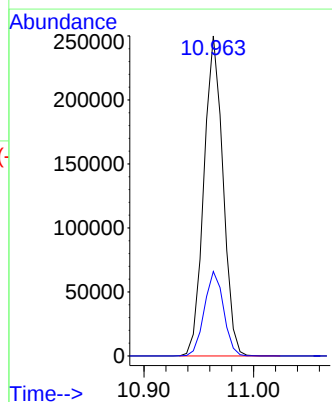
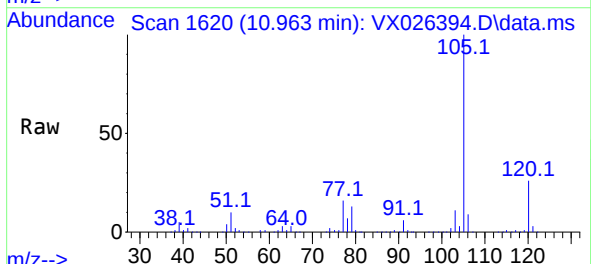
Manual Integrations
APPROVED

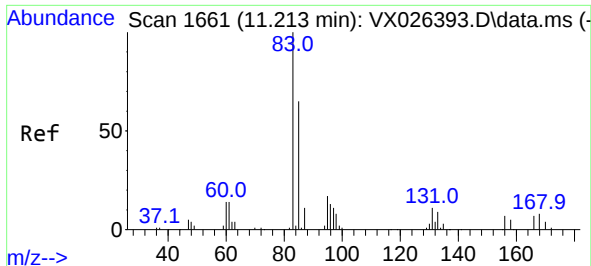
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#70
Isopropylbenzene
Concen: 51.517 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

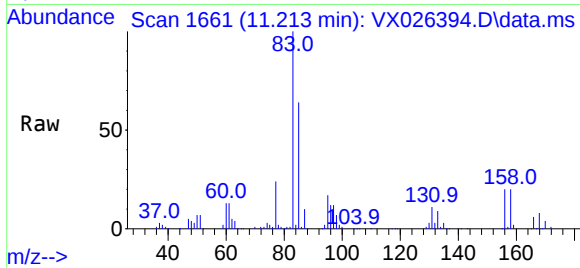
Tgt Ion:105 Resp: 302241
Ion Ratio Lower Upper
105 100
120 26.5 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 42.146 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

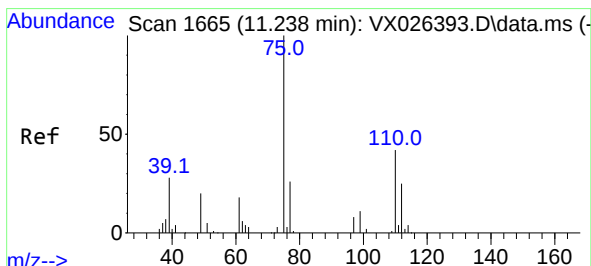
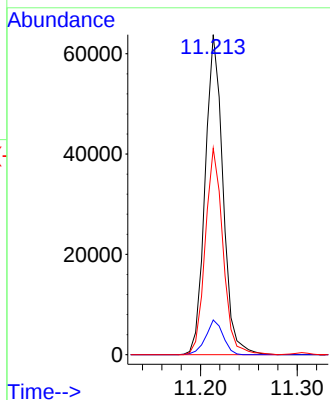
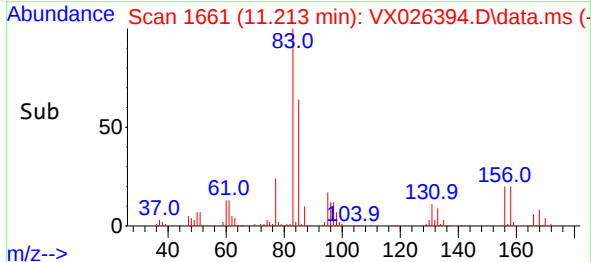
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



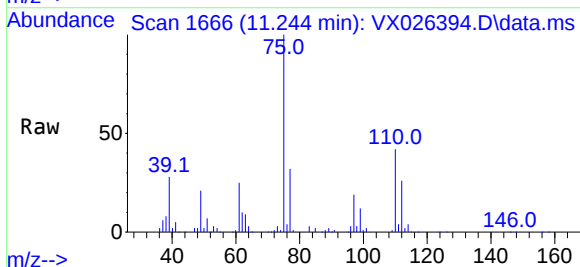
Tgt Ion: 83 Resp: 8162
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.4
85 64.0 32.4 97.2

Manual Integrations
APPROVED

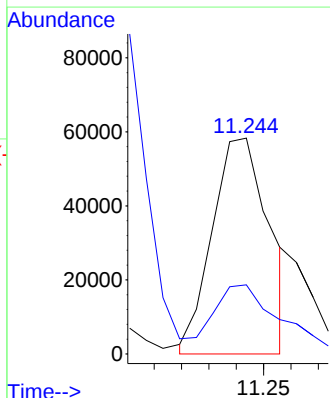
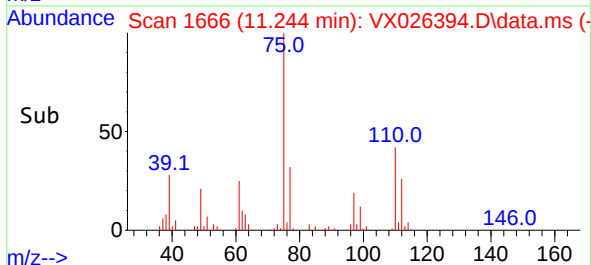
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

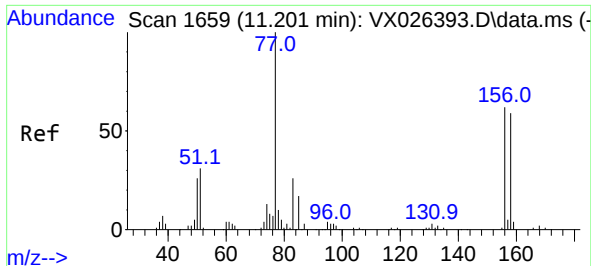


#72
1,2,3-Trichloropropane
Concen: 44.858 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



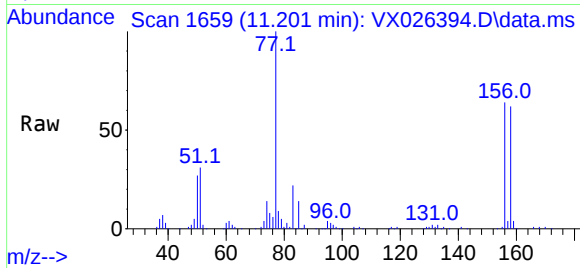
Tgt Ion: 75 Resp: 84142
Ion Ratio Lower Upper
75 100
77 38.9 0.0 77.4





#73
Bromobenzene
Concen: 52.365 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

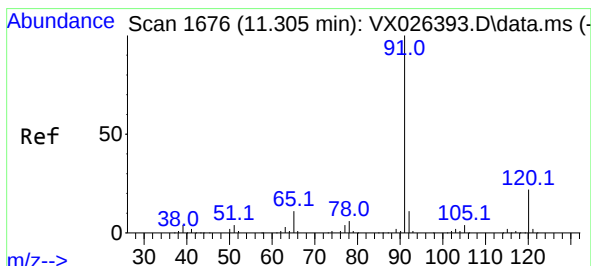
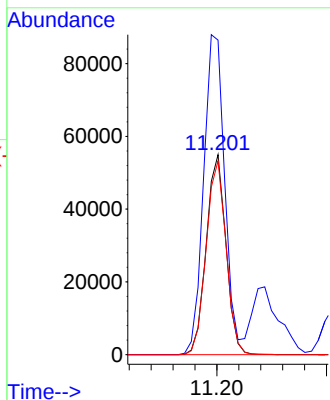
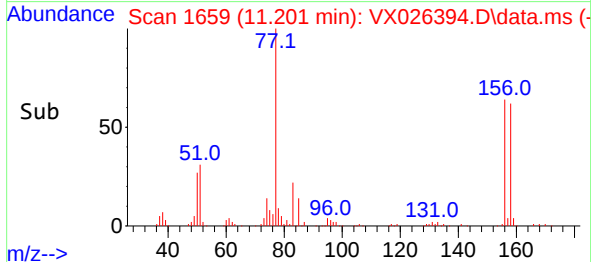
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



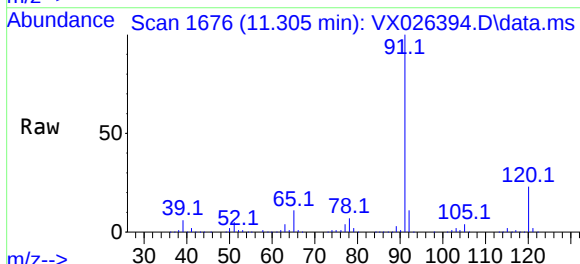
Tgt Ion:156 Resp: 68648
Ion Ratio Lower Upper
156 100
77 169.4 0.0 303.2
158 97.8 0.0 197.2

Manual Integrations
APPROVED

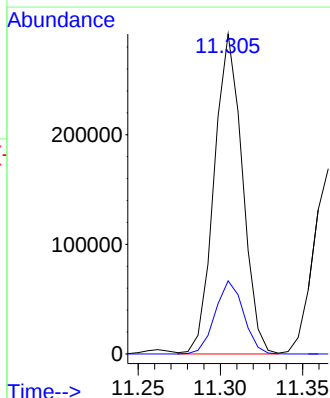
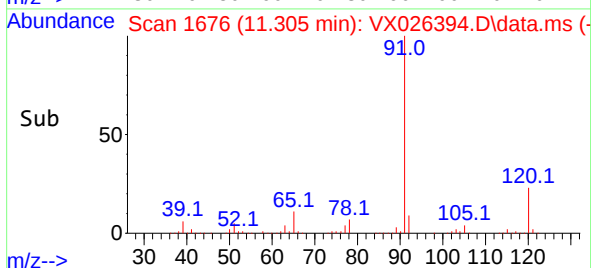
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

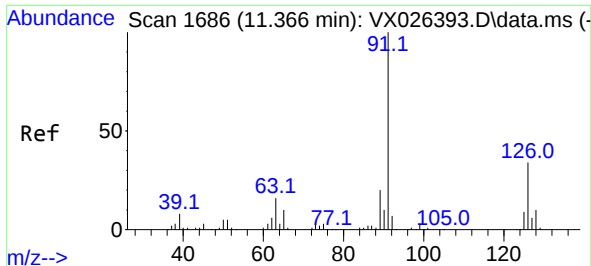


#74
n-propylbenzene
Concen: 50.065 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



Tgt Ion: 91 Resp: 348340
Ion Ratio Lower Upper
91 100
120 22.9 0.0 46.0





#75
2-Chlorotoluene
Concen: 47.698 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

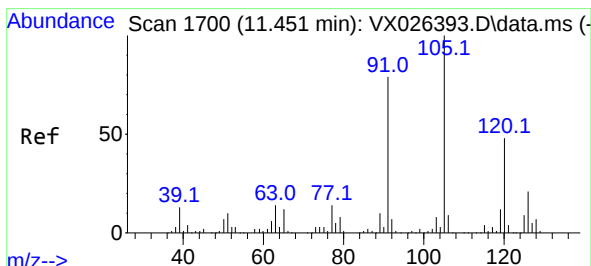
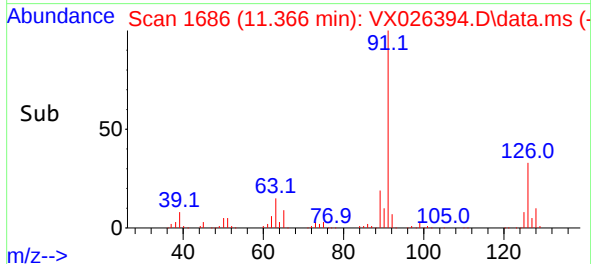
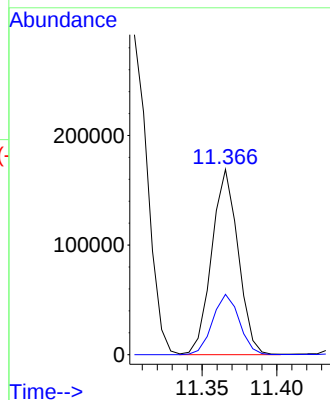
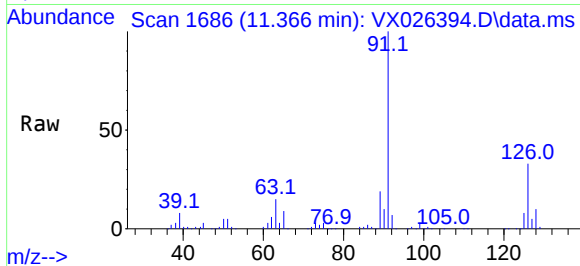
VSTDICC050

Tgt Ion: 91 Resp: 207978
Ion Ratio Lower Upper
91 100
126 32.8 0.0 69.0

Manual Integrations

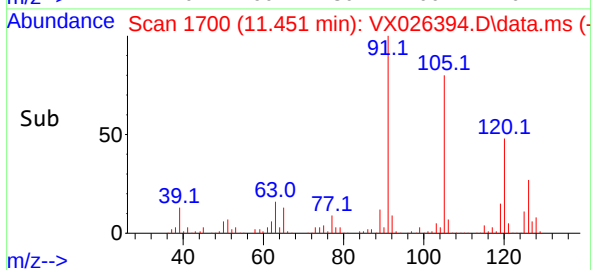
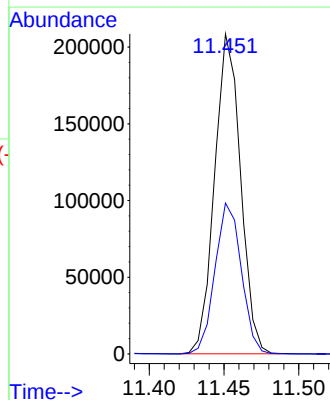
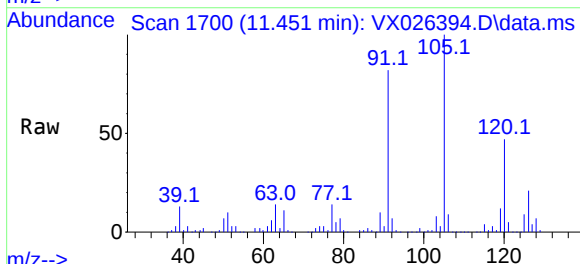
APPROVED

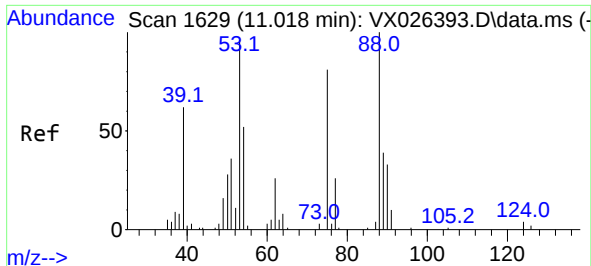
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 49.188 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Tgt Ion:105 Resp: 251673
Ion Ratio Lower Upper
105 100
120 47.9 0.0 98.0





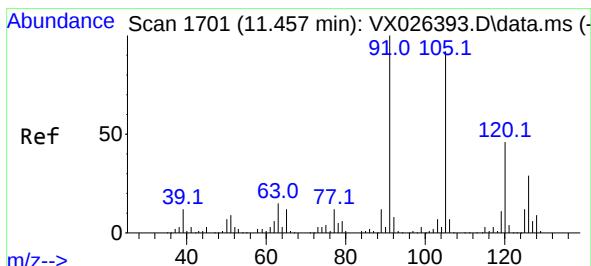
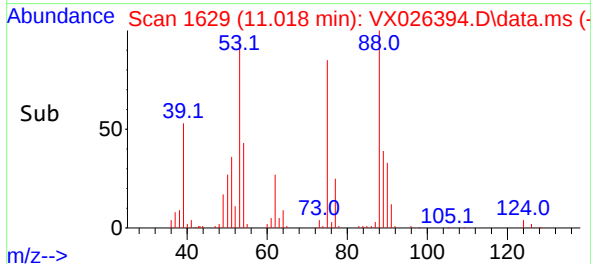
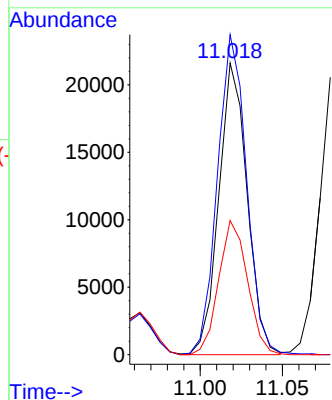
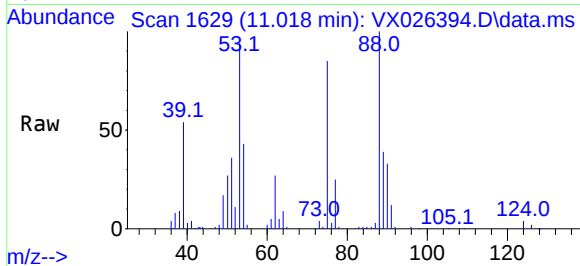
#77
t-1,4-Dichloro-2-butene
Concen: 41.037 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 75 Resp: 2591
Ion Ratio Lower Upper
75 100
53 110.0 53.9 161.7
89 46.1 22.9 68.7

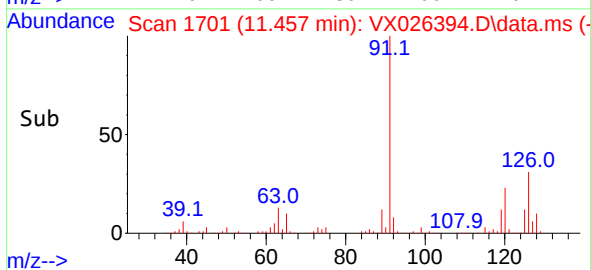
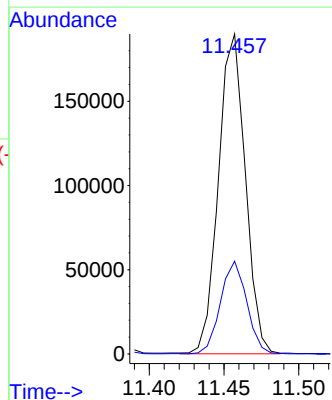
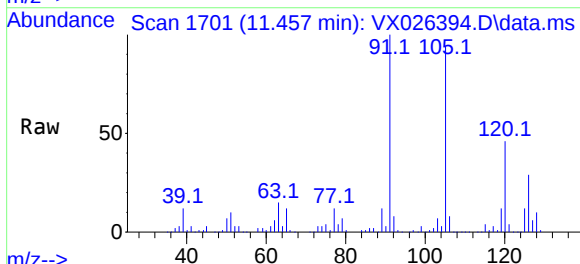
Manual Integrations
APPROVED

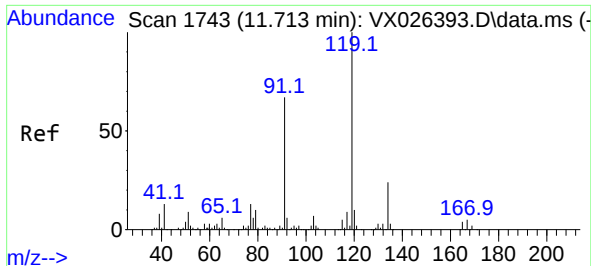
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#78
4-Chlorotoluene
Concen: 47.749 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Tgt Ion: 91 Resp: 237626
Ion Ratio Lower Upper
91 100
126 28.3 0.0 59.6





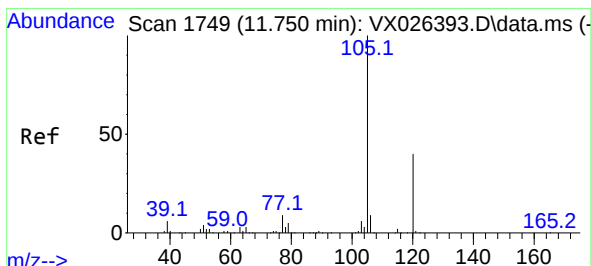
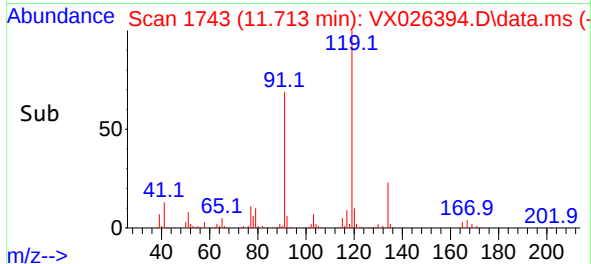
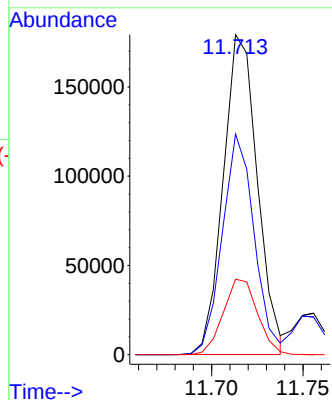
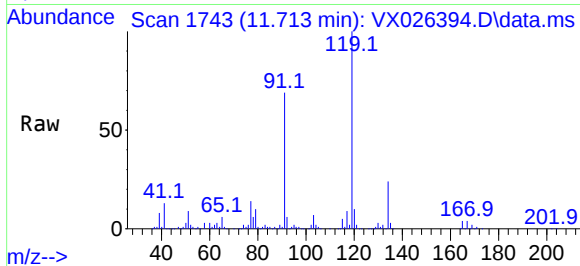
#79
tert-butylbenzene
Concen: 48.424 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:119 Resp: 23343
Ion Ratio Lower Upper
119 100
91 64.4 0.0 121.2
134 23.7 0.0 47.4

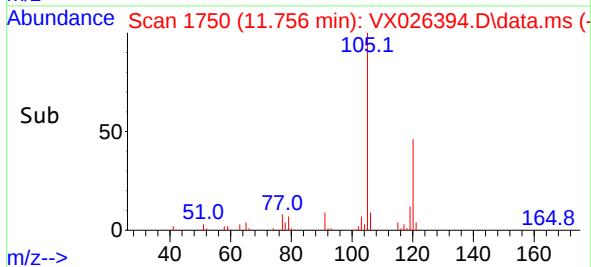
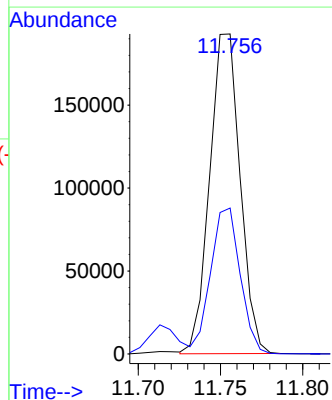
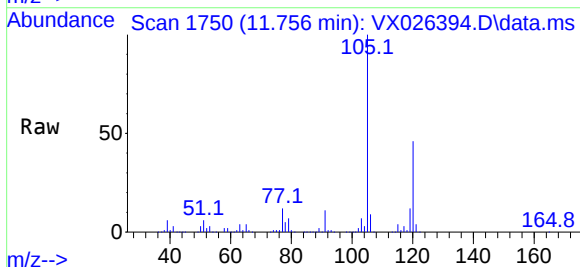
Manual Integrations
APPROVED

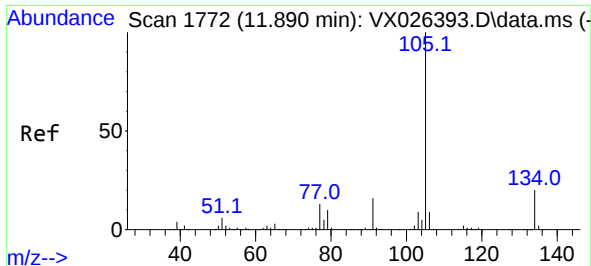
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#80
1,2,4-Trimethylbenzene
Concen: 49.361 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

Tgt Ion:105 Resp: 248364
Ion Ratio Lower Upper
105 100
120 44.3 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 51.257 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX026394.D
 Acq: 10 Jan 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

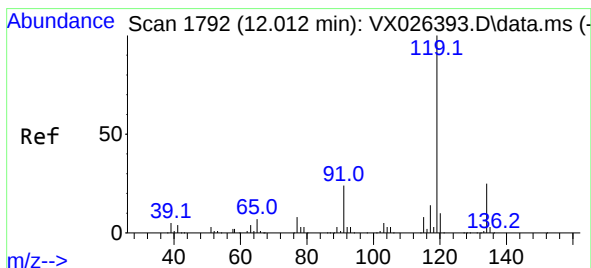
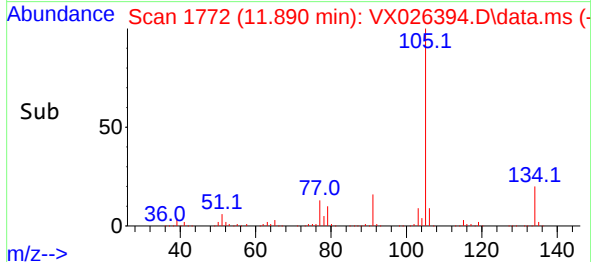
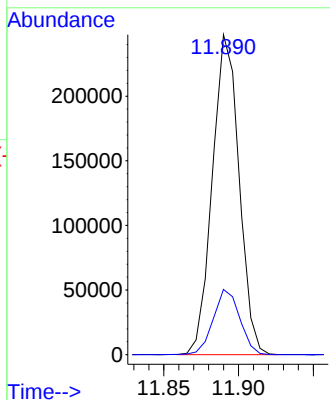
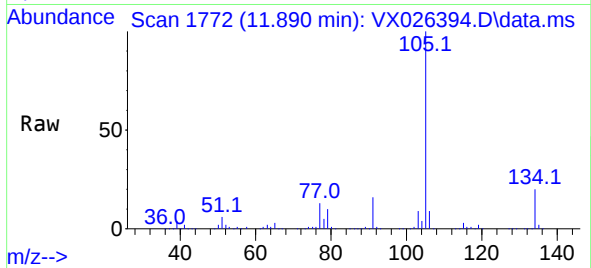
VSTDIC050

Tgt Ion:105 Resp: 307418
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.2

Manual Integrations

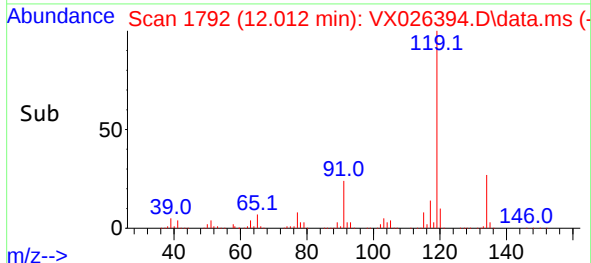
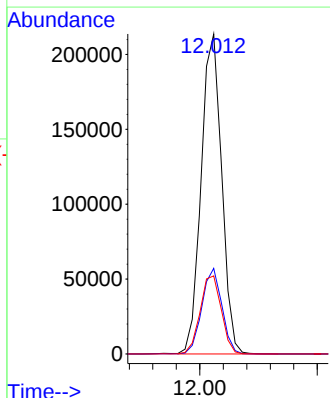
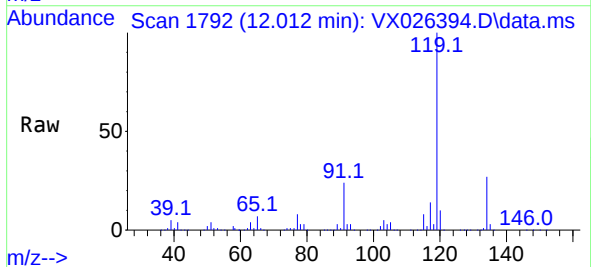
APPROVED

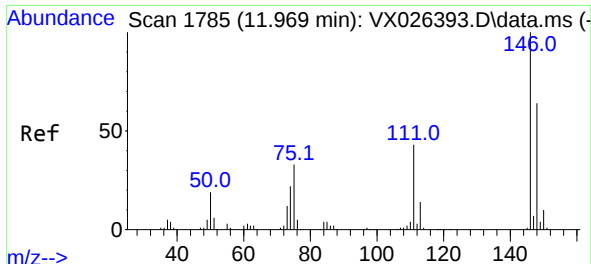
Reviewed By :John Carlone 01/11/2022
 Supervised By :Mahesh Dadoda 01/11/2022



#82
 p-Isopropyltoluene
 Concen: 52.065 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX026394.D
 Acq: 10 Jan 2022 11:33

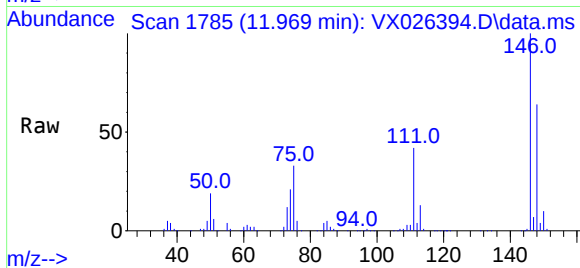
Tgt Ion:119 Resp: 259000
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.8
 91 25.2 0.0 48.6





#83
1,3-Dichlorobenzene
Concen: 53.001 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

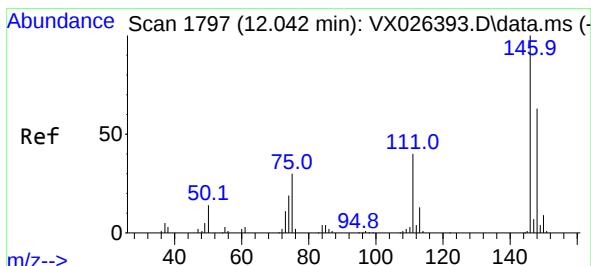
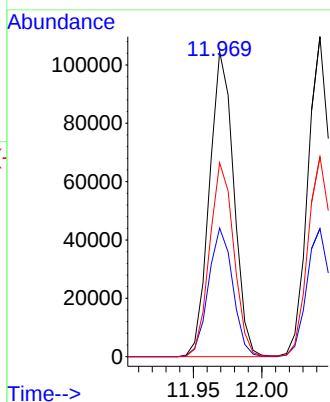
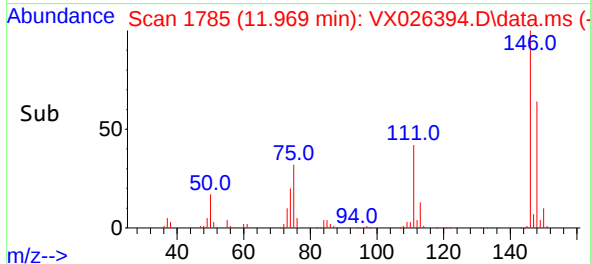
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



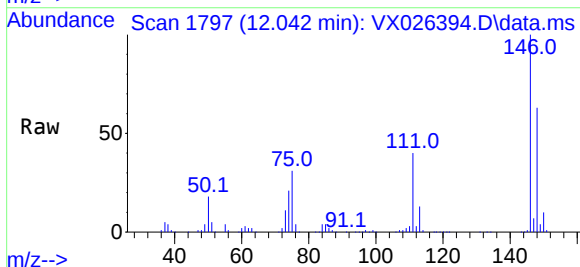
Tgt Ion:146 Resp: 129204
Ion Ratio Lower Upper
146 100
111 42.1 20.1 60.2
148 63.2 31.9 95.5

Manual Integrations
APPROVED

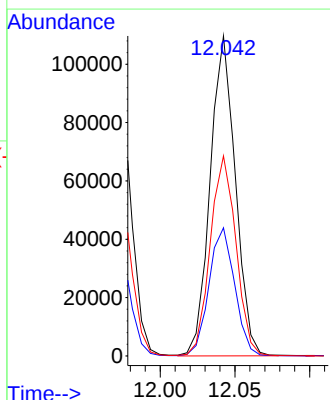
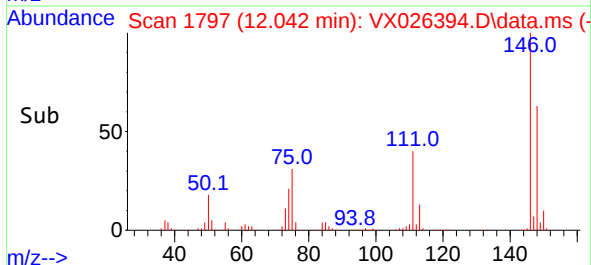
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

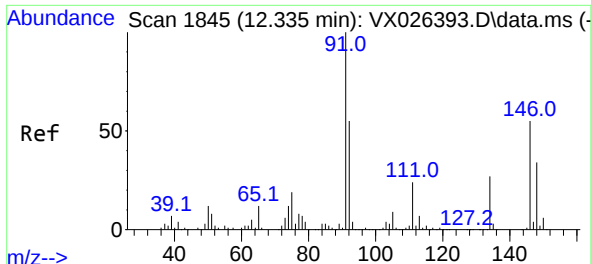


#84
1,4-Dichlorobenzene
Concen: 53.010 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



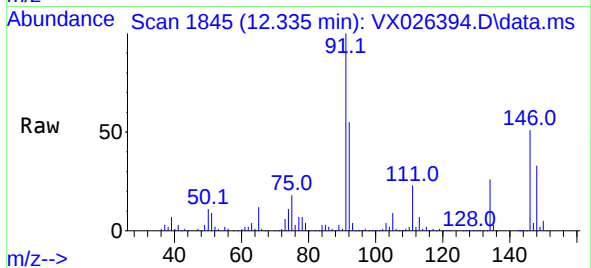
Tgt Ion:146 Resp: 128693
Ion Ratio Lower Upper
146 100
111 40.8 18.9 56.9
148 63.6 31.4 94.2





#85
n-Butylbenzene
Concen: 49.826 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

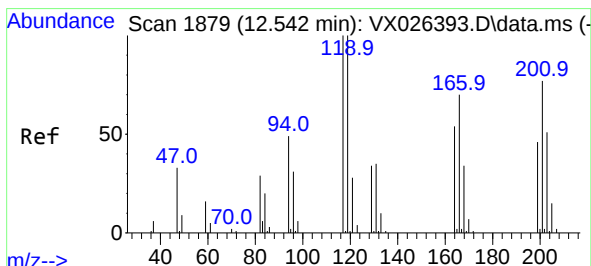
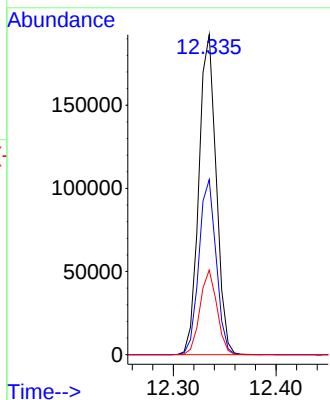
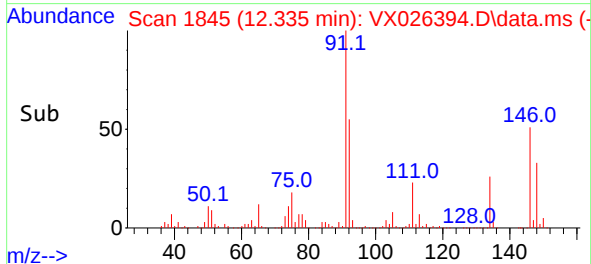
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



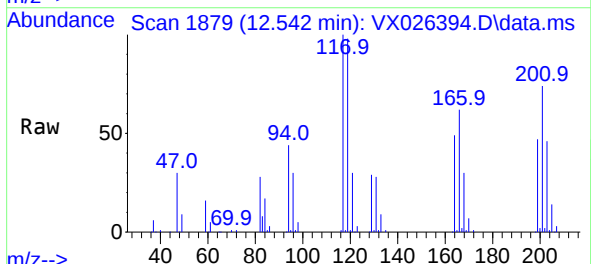
Tgt Ion: 91 Resp: 226062
Ion Ratio Lower Upper
91 100
92 54.3 0.0 105.4
134 25.8 0.0 52.4

Manual Integrations
APPROVED

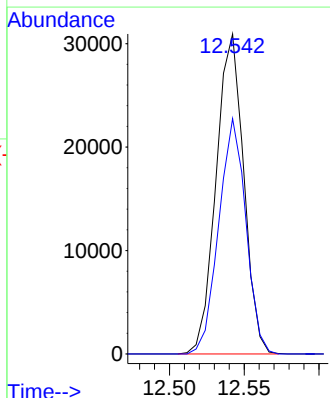
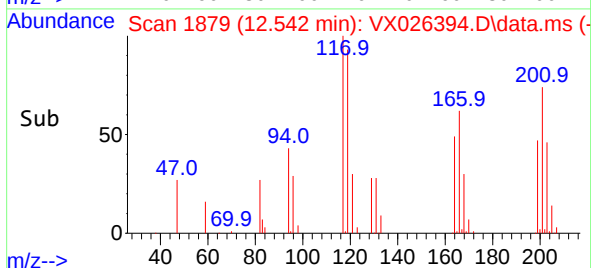
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

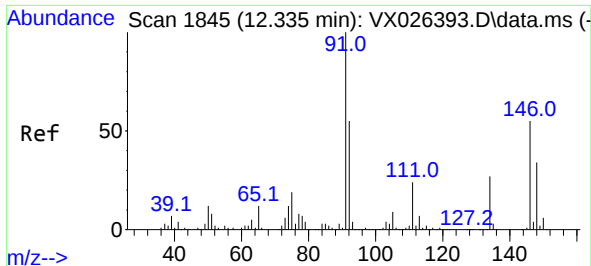


#86
Hexachloroethane
Concen: 44.751 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



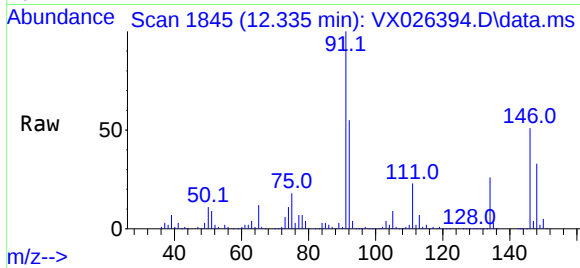
Tgt Ion:117 Resp: 39688
Ion Ratio Lower Upper
117 100
201 72.3 37.5 112.5





#87
1,2-Dichlorobenzene
Concen: 51.145 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

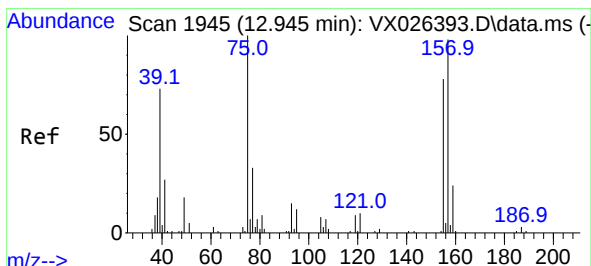
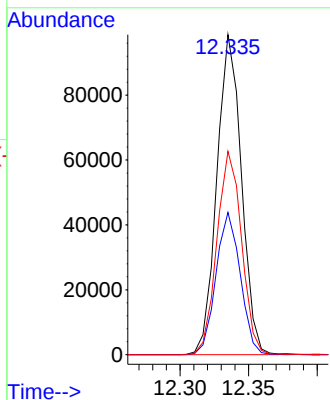
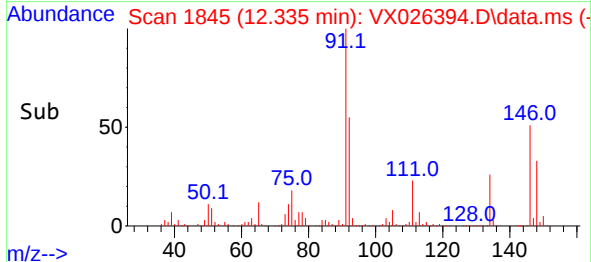
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



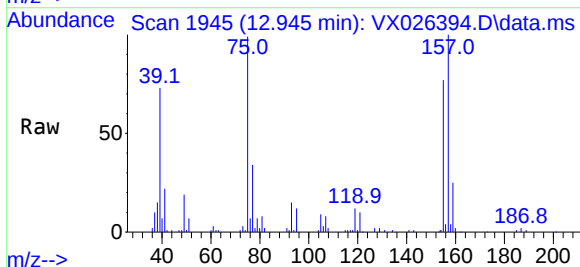
Tgt Ion:146 Resp: 122750
Ion Ratio Lower Upper
146 100
111 44.0 20.7 62.1
148 63.9 32.6 97.8

Manual Integrations
APPROVED

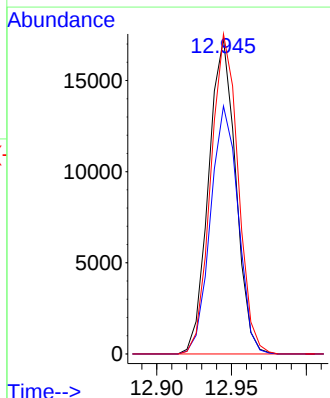
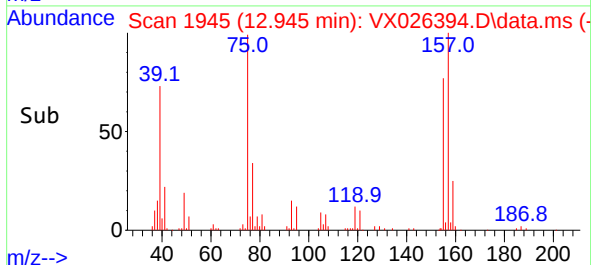
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

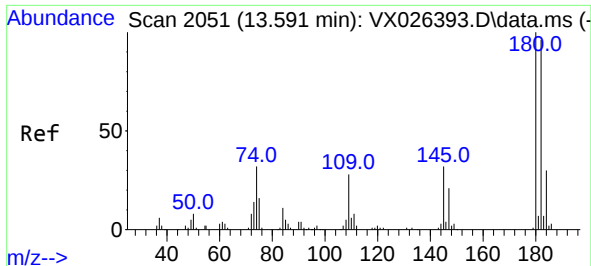


#88
1,2-Dibromo-3-Chloropropane
Concen: 41.096 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



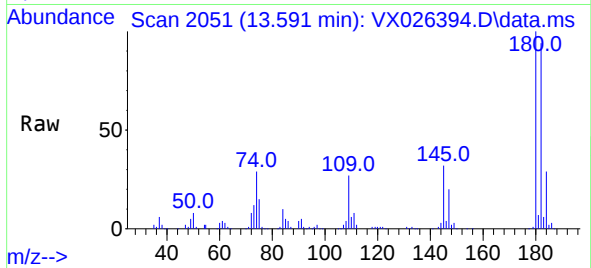
Tgt Ion: 75 Resp: 21769
Ion Ratio Lower Upper
75 100
155 79.9 67.4 101.2
157 102.0 85.8 128.8





#89
1,2,4-Trichlorobenzene
Concen: 55.808 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

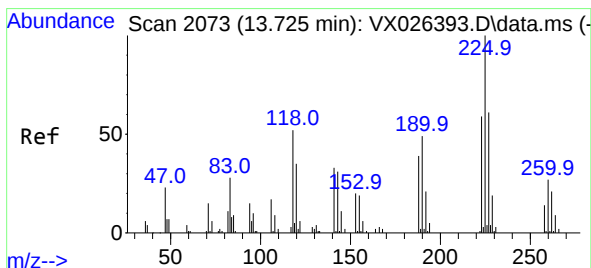
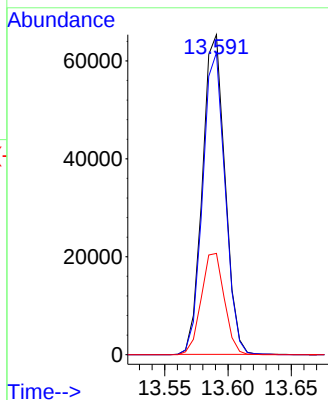
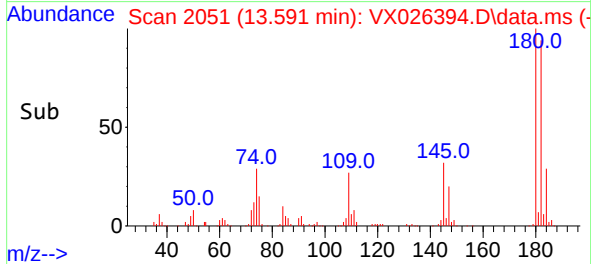
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



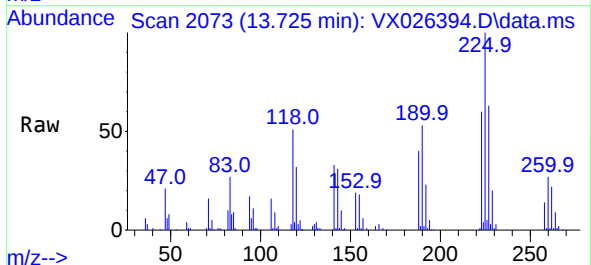
Tgt Ion:180 Resp: 8114
Ion Ratio Lower Upper
180 100
182 93.7 75.9 113.9
145 32.5 24.2 36.4

Manual Integrations
APPROVED

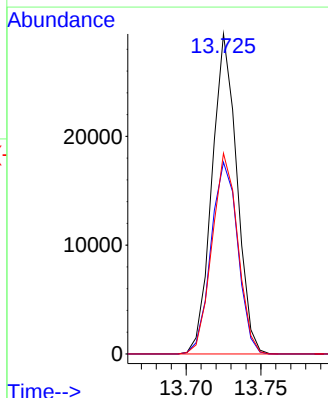
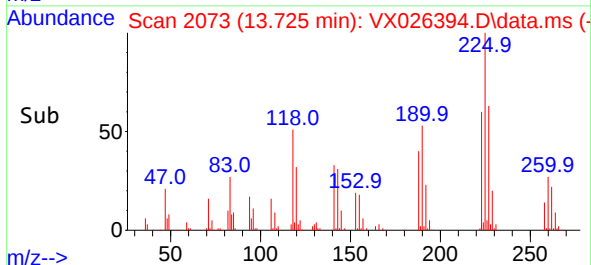
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

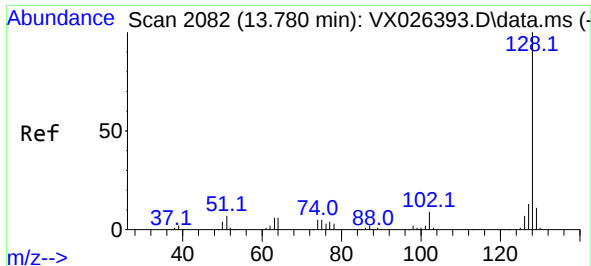


#90
Hexachlorobutadiene
Concen: 46.287 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



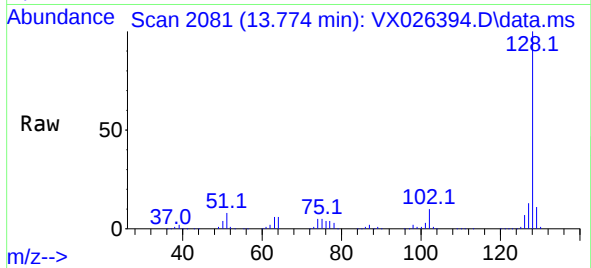
Tgt Ion:225 Resp: 34003
Ion Ratio Lower Upper
225 100
223 64.3 0.0 126.4
227 64.7 0.0 125.0





#91
Naphthalene
Concen: 56.483 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33

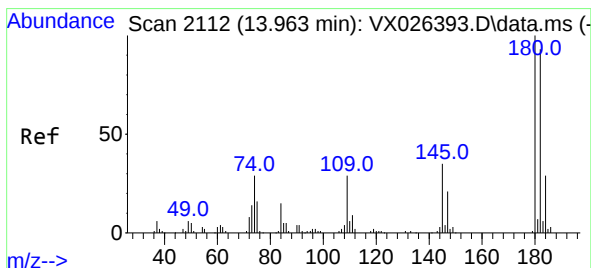
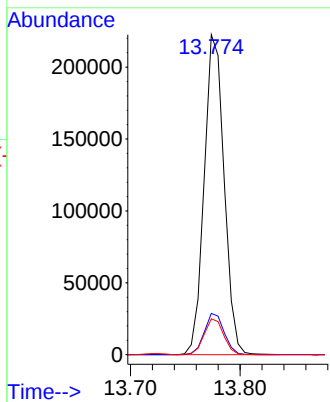
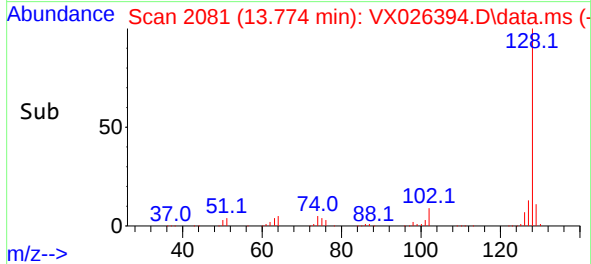
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



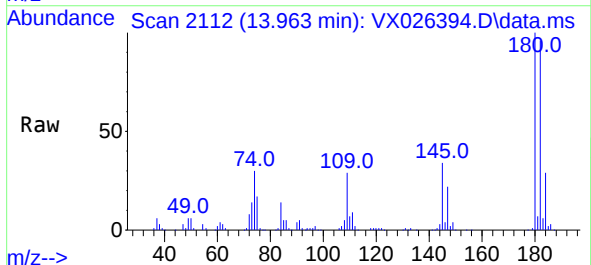
Tgt Ion:128 Resp: 280659
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#92
1,2,3-Trichlorobenzene
Concen: 54.058 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX026394.D
Acq: 10 Jan 2022 11:33



Tgt Ion:180 Resp: 80169
Ion Ratio Lower Upper
180 100
182 95.8 0.0 193.4
145 34.4 0.0 64.4

