

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031020.D
 Acq On : 01 Sep 2022 11:23
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 01 13:21:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 01 13:21:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	205327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	333572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	13615	4.623	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.240%#		
35) Dibromofluoromethane	5.391	113	12667	5.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.300%#		
50) Toluene-d8	8.647	98	45457	4.992	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.980%#		
62) 4-Bromofluorobenzene	11.079	95	15444	4.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.520%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	10907	5.021	ug/l	88
3) Chloromethane	1.288	50	9056	4.136	ug/l	100
4) Vinyl Chloride	1.374	62	11305	4.371	ug/l	91
5) Bromomethane	1.611	94	5257	5.454	ug/l	83
6) Chloroethane	1.685	64	5005	3.218	ug/l #	88
7) Trichlorofluoromethane	1.886	101	19064	4.846	ug/l	95
8) Diethyl Ether	2.136	74	6585	4.338	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	12662	5.005	ug/l	93
10) Methyl Iodide	2.453	142	7199	3.769	ug/l	96
11) Tert butyl alcohol	2.947	59	20230m	28.994	ug/l	
12) 1,1-Dichloroethene	2.319	96	11708	4.692	ug/l	97
13) Acrolein	2.239	56	11685	36.596	ug/l	99
14) Allyl chloride	2.666	41	16077	3.971	ug/l	96
15) Acrylonitrile	3.068	53	30450	19.764	ug/l	97
16) Acetone	2.392	43	24758	18.627	ug/l	100
17) Carbon Disulfide	2.508	76	29466	4.474	ug/l	99
18) Methyl Acetate	2.709	43	15309	3.926	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	36008	4.430	ug/l	92
20) Methylene Chloride	2.788	84	14518	4.804	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	12672	4.683	ug/l	97
22) Diisopropyl ether	3.763	45	31813	3.814	ug/l	93
23) Vinyl Acetate	3.727	43	124061	18.538	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	21394	4.379	ug/l	100
25) 2-Butanone	4.568	43	38564	17.923	ug/l #	82
26) 2,2-Dichloropropane	4.477	77	16529	4.490	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	14351	4.603	ug/l	95
28) Bromochloromethane	4.910	49	6597	4.175	ug/l #	68
29) Tetrahydrofuran	5.019	42	25315	18.187	ug/l #	88
30) Chloroform	5.099	83	23054	4.549	ug/l	93
31) Cyclohexane	5.477	56	17835	4.092	ug/l	86
32) 1,1,1-Trichloroethane	5.391	97	20207	4.704	ug/l	94
36) 1,1-Dichloropropene	5.696	75	16895	4.623	ug/l	99
37) Ethyl Acetate	4.714	43	13908	3.620	ug/l #	95
38) Carbon Tetrachloride	5.678	117	17654	5.074	ug/l #	96
39) Methylcyclohexane	7.379	83	21250	4.754	ug/l #	93
40) Benzene	6.044	78	48910	4.643	ug/l #	89

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 Data File : VX031020.D
 Acq On : 01 Sep 2022 11:23
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 01 13:21:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 01 13:21:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	8062	3.863	ug/l	93
42) 1,2-Dichloroethane	6.092	62	16021	4.579	ug/l	98
43) Isopropyl Acetate	6.348	43	22570	3.786	ug/l #	94
44) Trichloroethene	7.123	130	16021	5.163	ug/l	95
45) 1,2-Dichloropropane	7.434	63	11922	4.240	ug/l	99
46) Dibromomethane	7.586	93	9561	4.979	ug/l	96
47) Bromodichloromethane	7.824	83	16705	4.526	ug/l #	94
48) Methyl methacrylate	7.696	41	11437	3.832	ug/l	88
49) 1,4-Dioxane	7.696	88	6909	88.092	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	73497	18.677	ug/l	89
52) Toluene	8.720	92	32246	5.010	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	16726	4.491	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	18704	4.390	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	13500	4.836	ug/l	96
56) Ethyl methacrylate	9.116	69	17695	4.328	ug/l	90
57) 1,3-Dichloropropane	9.311	76	20908	4.541	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	39948	19.453	ug/l	93
59) 2-Hexanone	9.433	43	56279	19.233	ug/l	93
60) Dibromochloromethane	9.525	129	13051	4.704	ug/l	98
61) 1,2-Dibromoethane	9.610	107	14082	4.886	ug/l	100
64) Tetrachloroethene	9.275	164	14914	5.206	ug/l	95
65) Chlorobenzene	10.079	112	35899	5.013	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	12378	4.878	ug/l	100
67) Ethyl Benzene	10.195	91	59806	4.708	ug/l	100
68) m/p-Xylenes	10.305	106	47317	9.834	ug/l	100
69) o-Xylene	10.646	106	23221	4.931	ug/l	98
70) Styrene	10.659	104	36742	4.622	ug/l	97
71) Bromoform	10.799	173	9651	4.847	ug/l #	99
73) Isopropylbenzene	10.963	105	60220	5.126	ug/l	99
74) N-amyl acetate	10.841	43	17504	3.854	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	18668	4.639	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	17263m	4.723	ug/l	
77) Bromobenzene	11.201	156	14528	5.104	ug/l	93
78) n-propylbenzene	11.305	91	67139	4.877	ug/l	98
79) 2-Chlorotoluene	11.366	91	42101	4.924	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	50324	5.084	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	5424	4.412	ug/l	94
82) 4-Chlorotoluene	11.457	91	47105	4.928	ug/l	98
83) tert-Butylbenzene	11.719	119	47604	4.899	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	50896	5.023	ug/l	94
85) sec-Butylbenzene	11.890	105	66873	5.303	ug/l	100
86) p-Isopropyltoluene	12.012	119	51335	4.907	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	30074	5.358	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	31388	5.454	ug/l	99
89) n-Butylbenzene	12.335	91	43088	4.400	ug/l	98
90) Hexachloroethane	12.542	117	8338	4.539	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	28757	5.051	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4449	4.432	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	18937	5.203	ug/l	95
94) Hexachlorobutadiene	13.725	225	7959	5.150	ug/l	95
95) Naphthalene	13.780	128	62008	4.764	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	19479	5.301	ug/l	98

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Data File : VX031020.D
Acq On : 01 Sep 2022 11:23
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

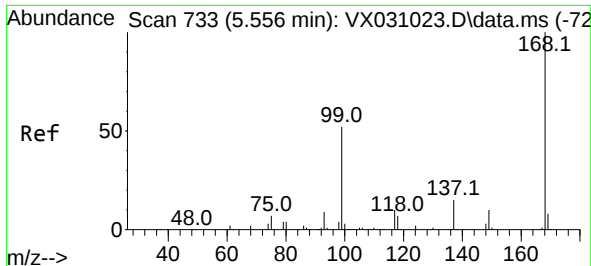
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

Quant Time: Sep 01 13:21:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 01 13:21:01 2022
Response via : Initial Calibration

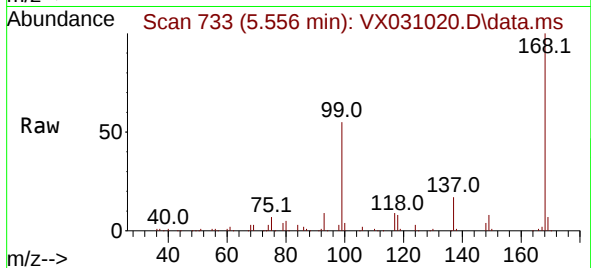
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

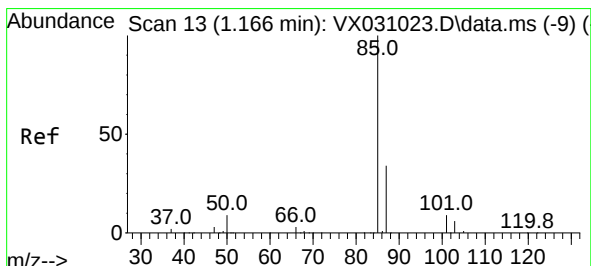
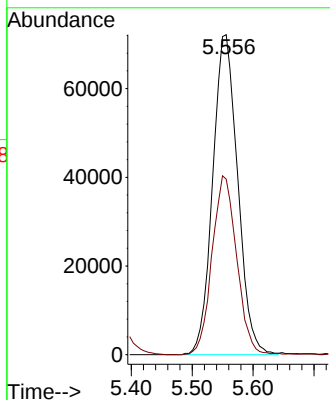
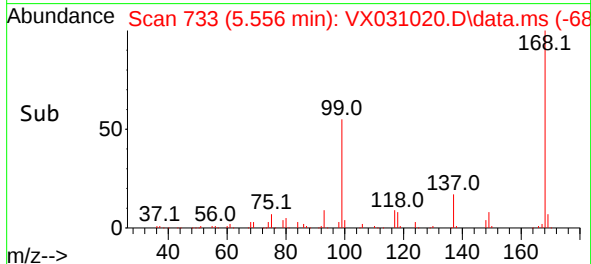
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



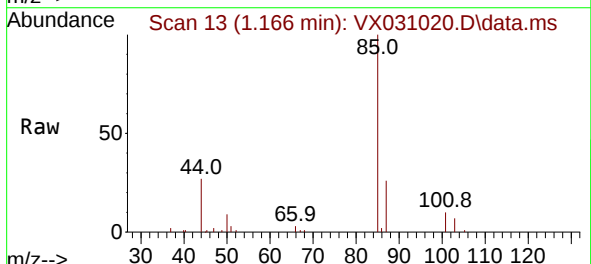
Tgt Ion:168 Resp: 20532
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0

Manual Integrations
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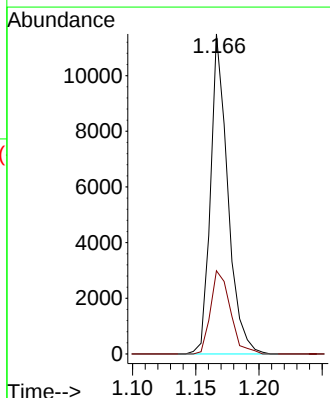
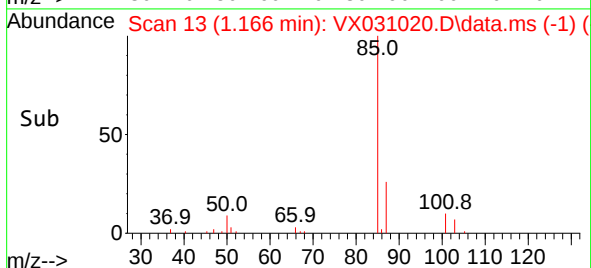
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

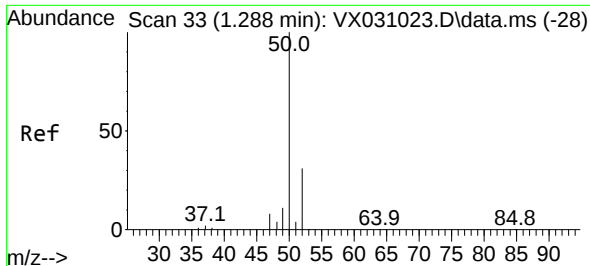


#2
Dichlorodifluoromethane
Concen: 5.021 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23



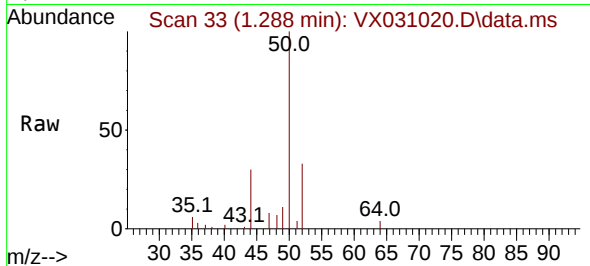
Tgt Ion: 85 Resp: 10907
Ion Ratio Lower Upper
85 100
87 26.0 16.5 49.5





#3
Chloromethane
Concen: 4.136 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

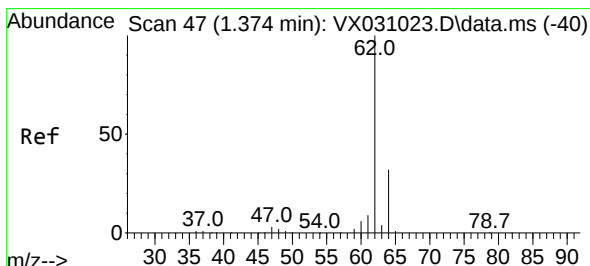
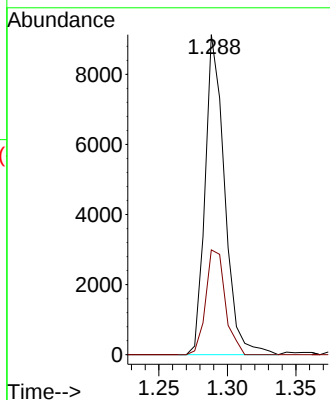
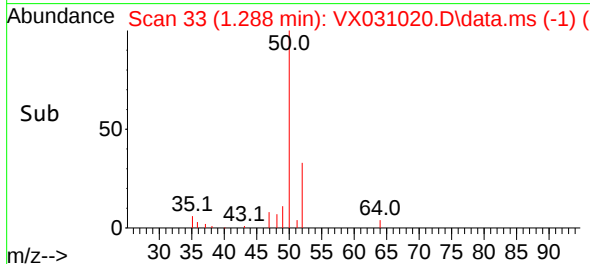
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 9050
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5

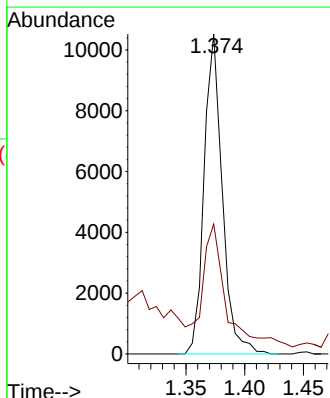
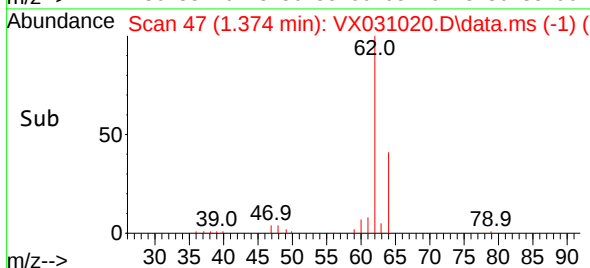
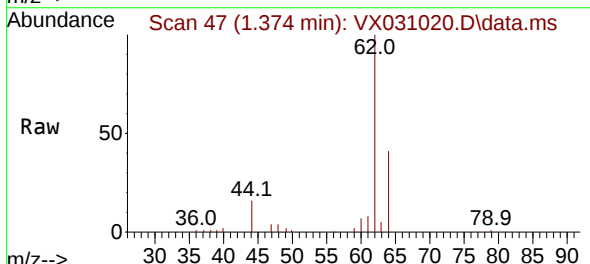
Manual Integrations
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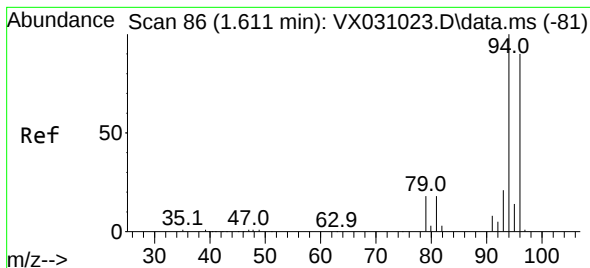
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#4
Vinyl Chloride
Concen: 4.371 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

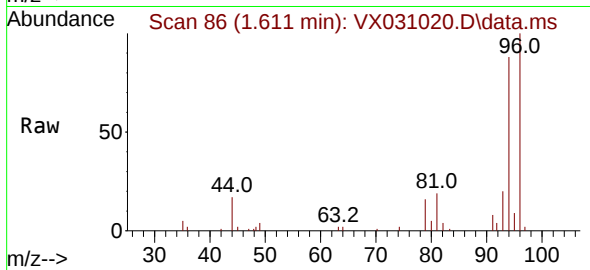
Tgt Ion: 62 Resp: 11305
Ion Ratio Lower Upper
62 100
64 36.6 25.2 37.8





#5
Bromomethane
Concen: 5.454 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

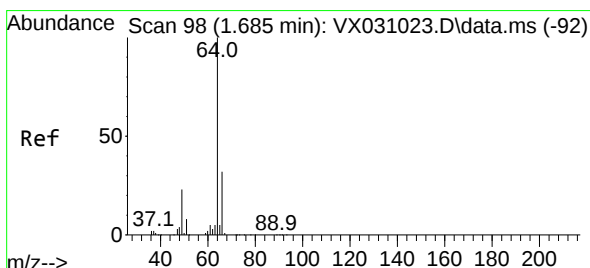
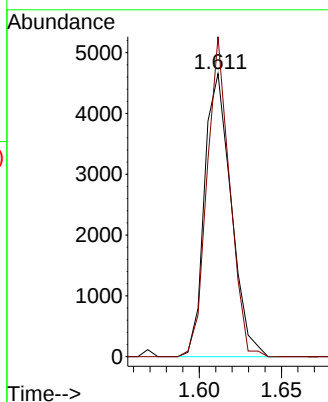
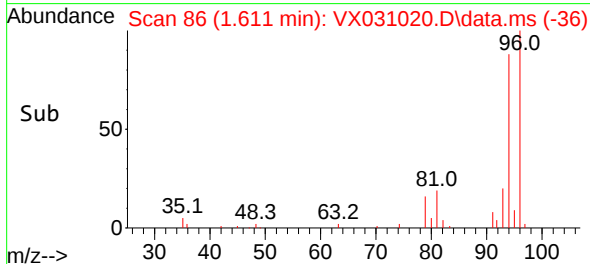
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 525
Ion Ratio Lower Upper
94 100
96 113.1 76.9 115.3

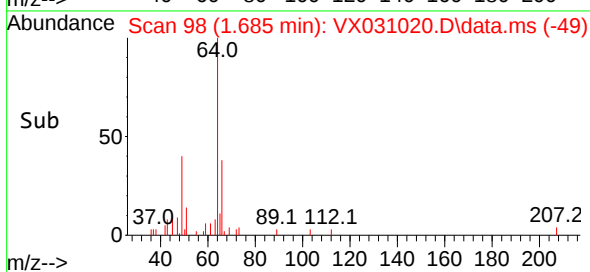
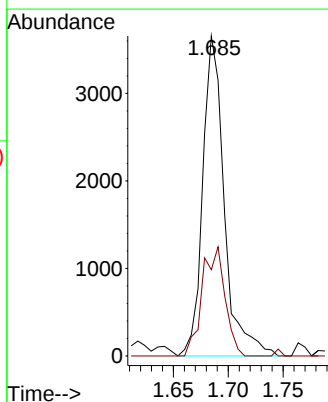
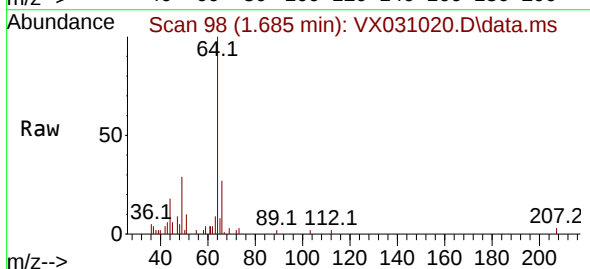
Manual Integrations
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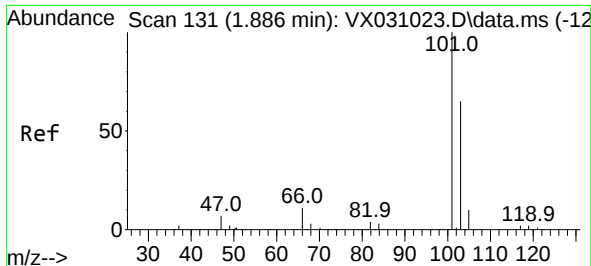
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#6
Chloroethane
Concen: 3.218 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

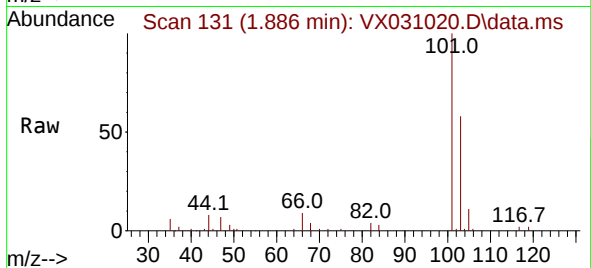
Tgt Ion: 64 Resp: 5005
Ion Ratio Lower Upper
64 100
66 26.9 27.2 40.8#





#7
 Trichlorofluoromethane
 Concen: 4.846 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031020.D
 Acq: 01 Sep 2022 11:23

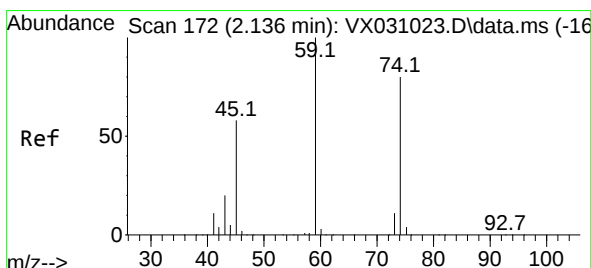
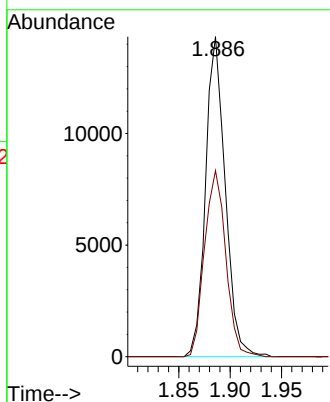
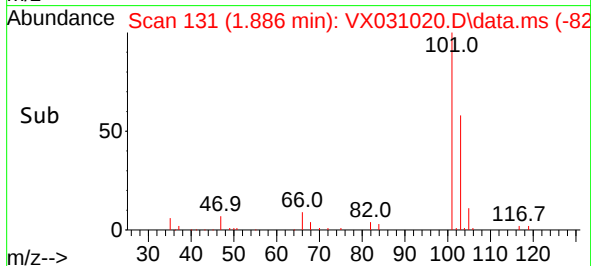
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



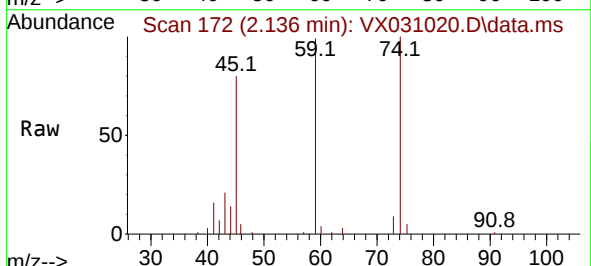
Tgt Ion:101 Resp: 19064
 Ion Ratio Lower Upper
 101 100
 103 58.2 49.7 74.5

Manual Integrations
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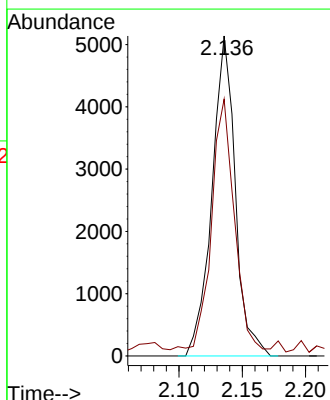
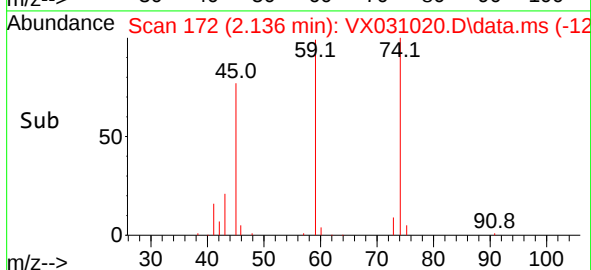
Reviewed By :John Carlone 09/02/2022
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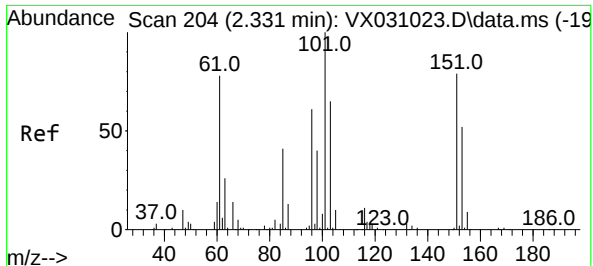


#8
 Diethyl Ether
 Concen: 4.338 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX031020.D
 Acq: 01 Sep 2022 11:23



Tgt Ion: 74 Resp: 6585
 Ion Ratio Lower Upper
 74 100
 45 83.2 51.5 154.7





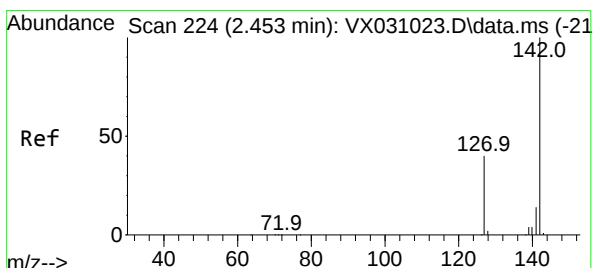
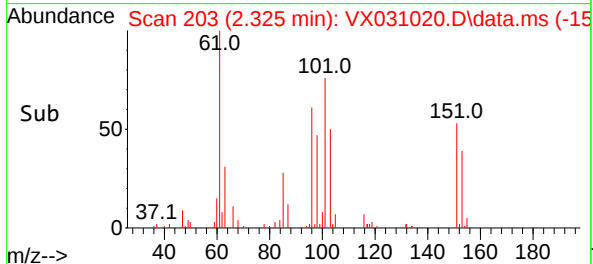
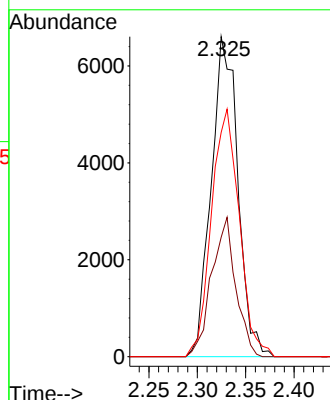
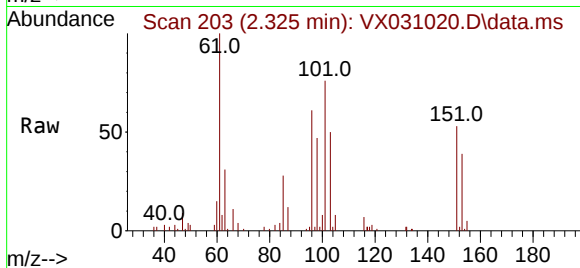
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.005 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1266
Ion Ratio Lower Upper
101 100
85 39.6 34.0 51.0
151 80.8 59.4 89.0

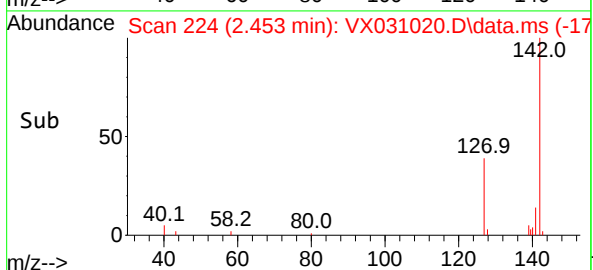
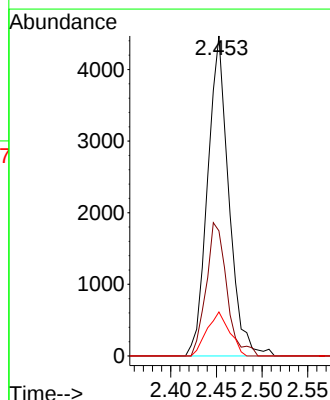
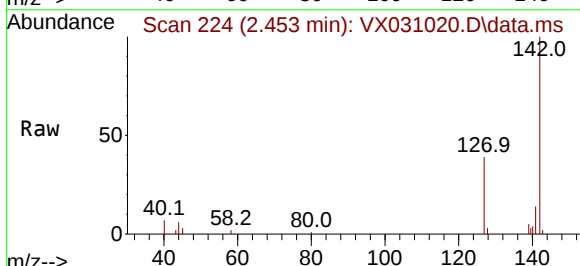
Manual Integrations
APPROVED

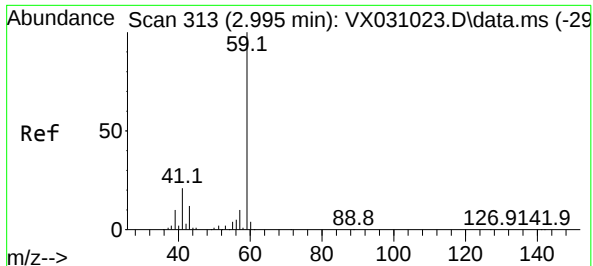
Reviewed By :John Carbone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#10
Methyl Iodide
Concen: 3.769 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Tgt Ion:142 Resp: 7199
Ion Ratio Lower Upper
142 100
127 40.5 30.2 45.2
141 14.7 11.3 16.9





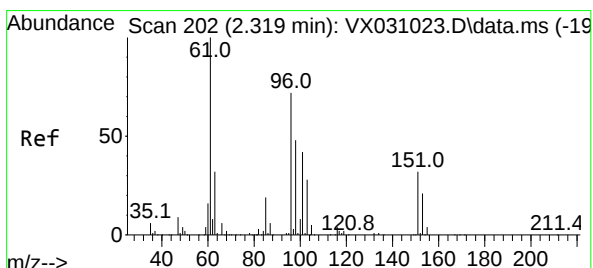
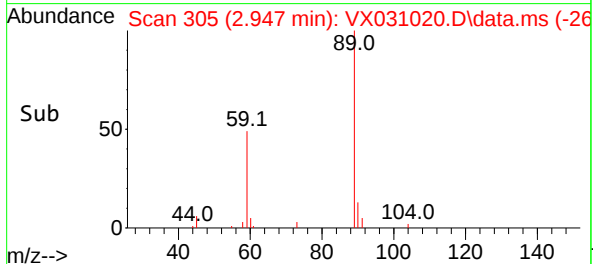
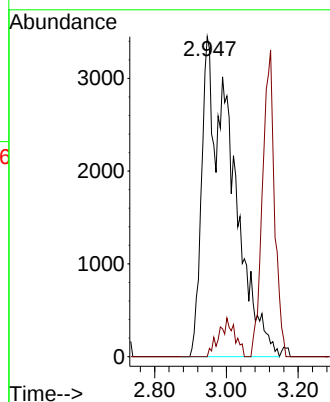
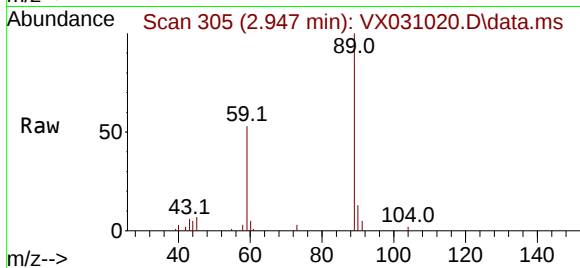
#11
Tert butyl alcohol
Concen: 28.994 ug/l m
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 20230
Ion Ratio Lower Upper
59 100
57 6.3 7.4 11.2

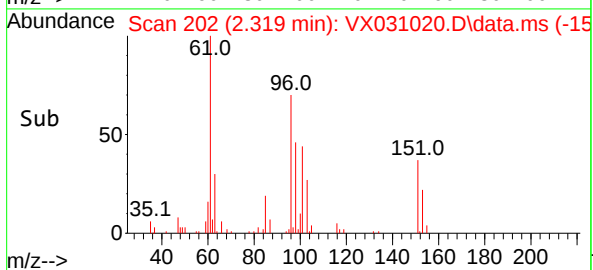
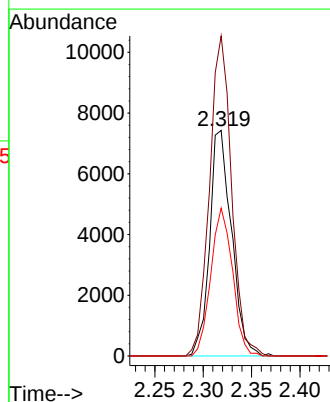
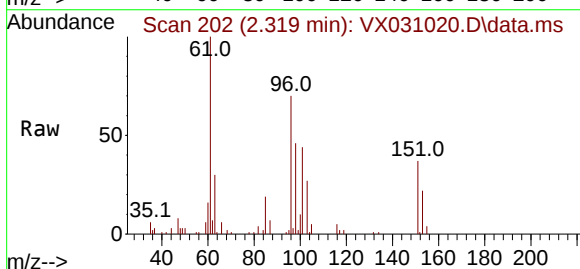
Manual Integrations
APPROVED

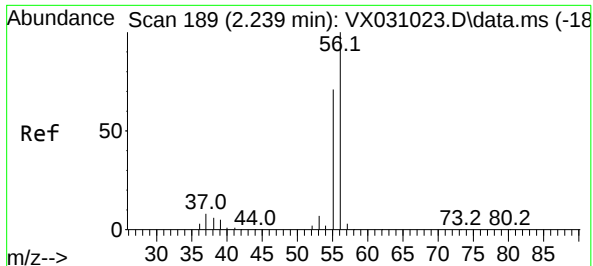
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#12
1,1-Dichloroethene
Concen: 4.692 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

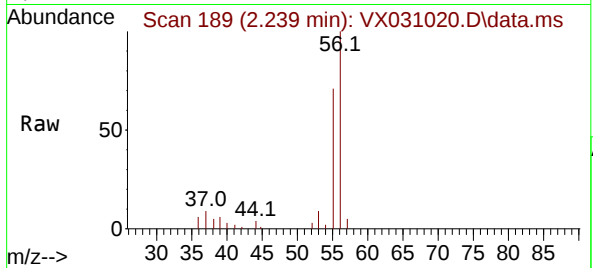
Tgt Ion: 96 Resp: 11708
Ion Ratio Lower Upper
96 100
61 141.9 117.4 176.0
98 65.5 52.2 78.4





#13
Acrolein
Concen: 36.596 ug/l
RT: 2.239 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

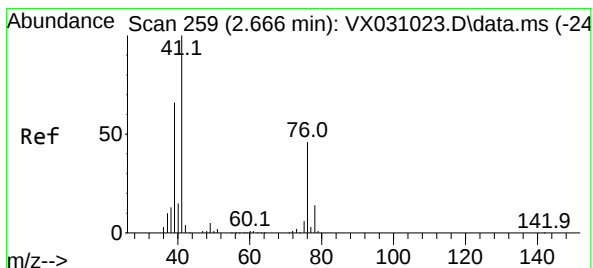
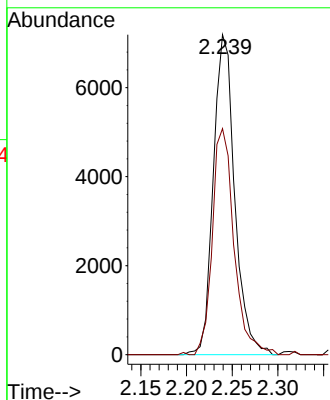
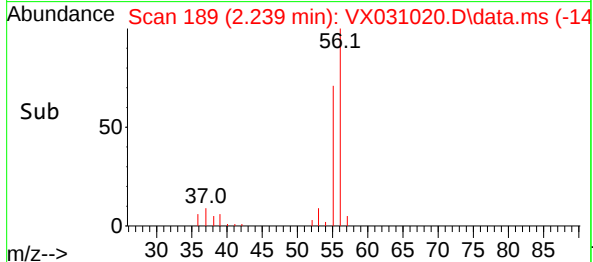
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



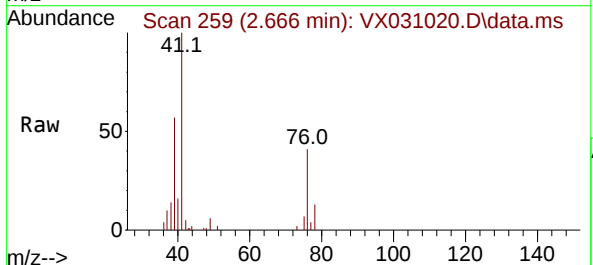
Tgt Ion: 56 Resp: 1168
Ion Ratio Lower Upper
56 100
55 71.8 56.6 84.8

Manual Integrations
APPROVED

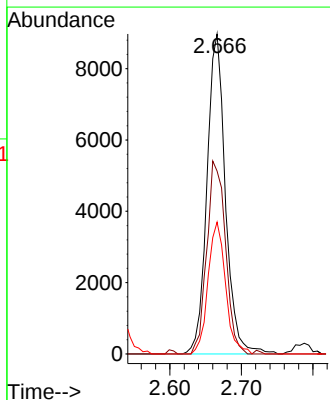
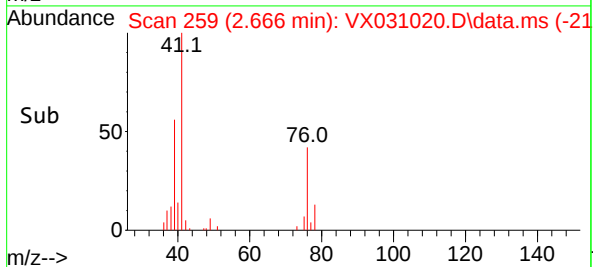
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

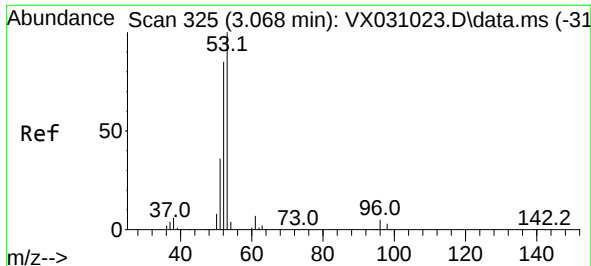


#14
Allyl chloride
Concen: 3.971 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23



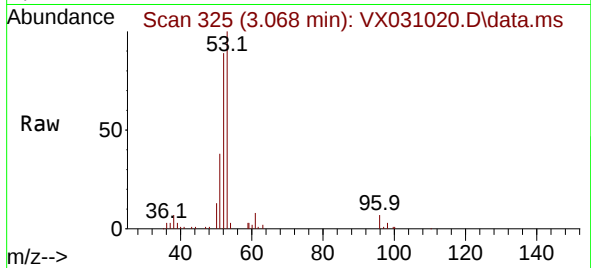
Tgt Ion: 41 Resp: 16077
Ion Ratio Lower Upper
41 100
39 61.0 48.9 73.3
76 39.2 26.9 40.3





#15
Acrylonitrile
Concen: 19.764 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

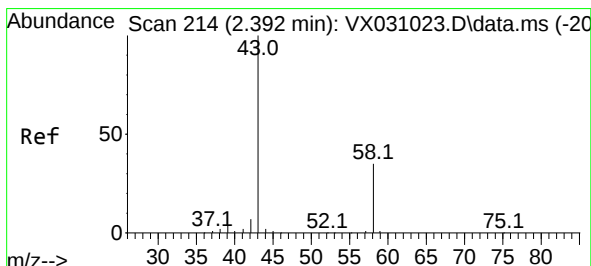
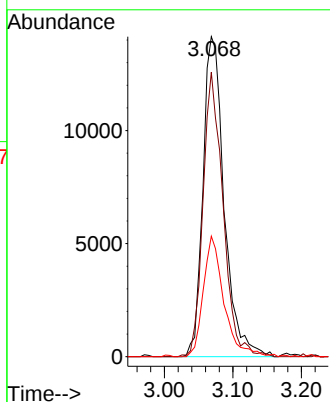
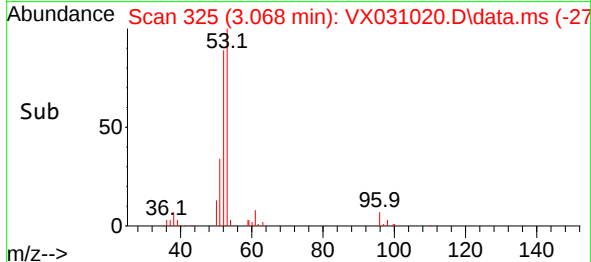
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



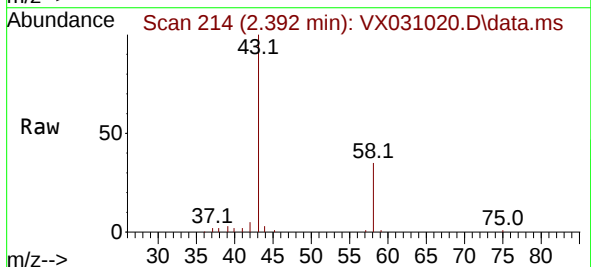
Tgt Ion: 53 Resp: 30450
Ion Ratio Lower Upper
53 100
52 83.8 65.4 98.0
51 36.6 27.7 41.5

Manual Integrations
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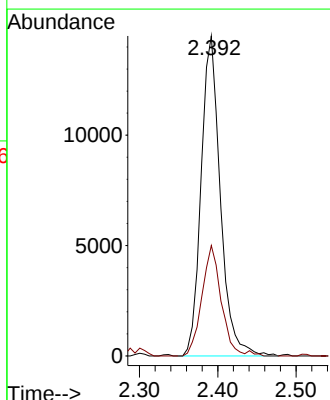
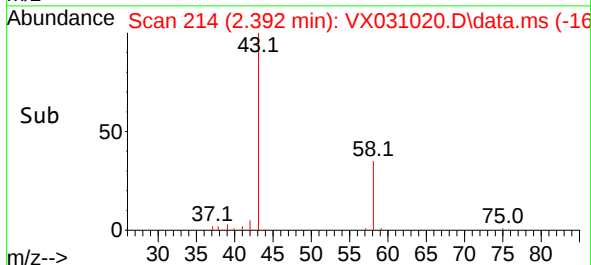
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

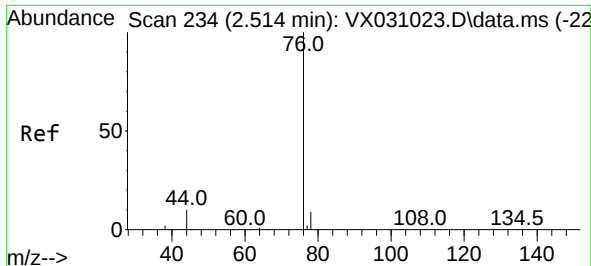


#16
Acetone
Concen: 18.627 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23



Tgt Ion: 43 Resp: 24758
Ion Ratio Lower Upper
43 100
58 34.5 27.7 41.5





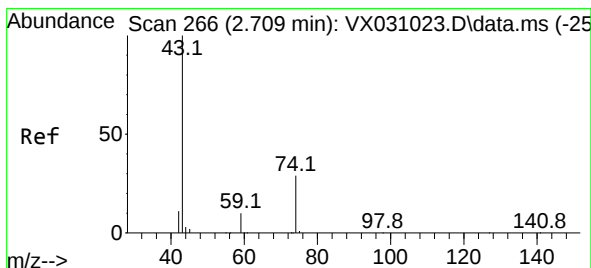
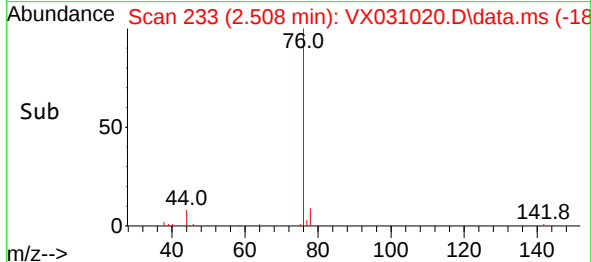
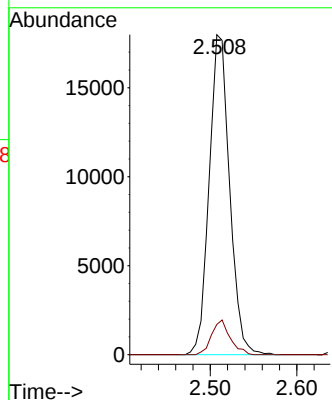
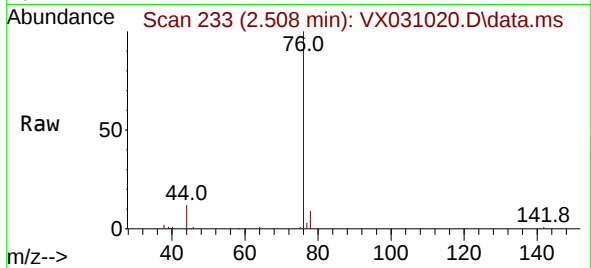
#17
Carbon Disulfide
Concen: 4.474 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 2946
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.6

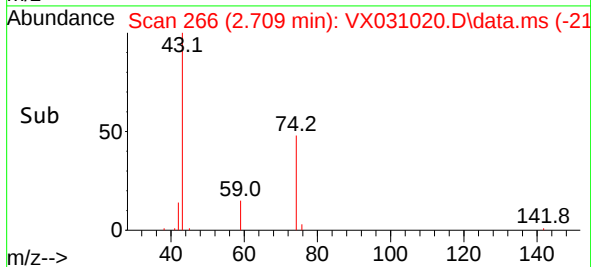
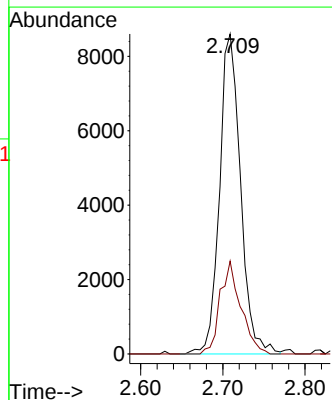
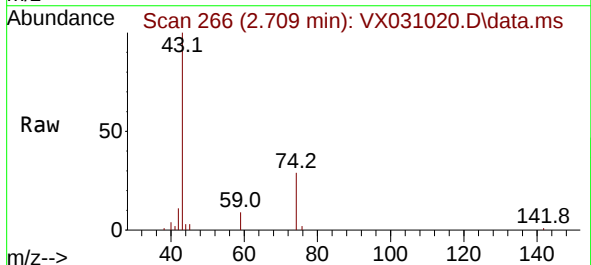
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#18
Methyl Acetate
Concen: 3.926 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Tgt Ion: 43 Resp: 15309
Ion Ratio Lower Upper
43 100
74 28.7 19.4 29.2





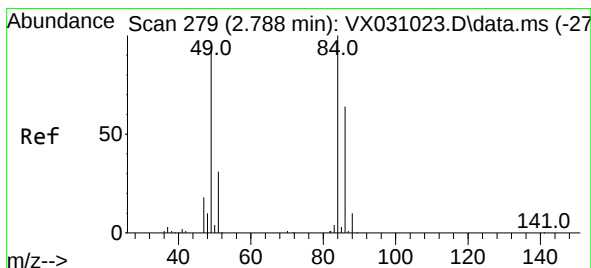
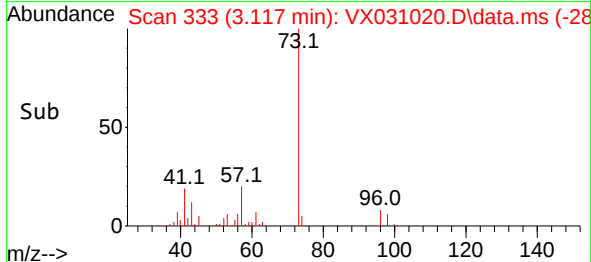
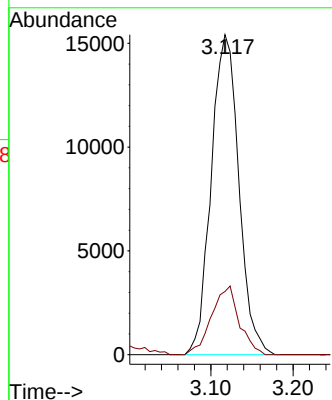
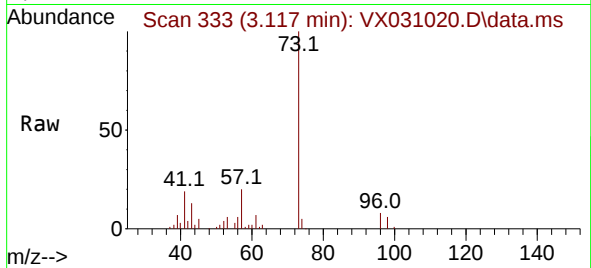
#19
Methyl tert-butyl Ether
Concen: 4.430 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 3600
Ion Ratio Lower Upper
73 100
57 19.8 19.0 28.6

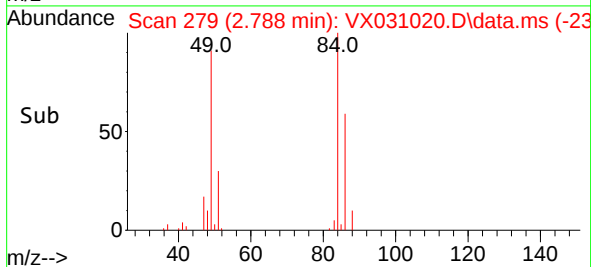
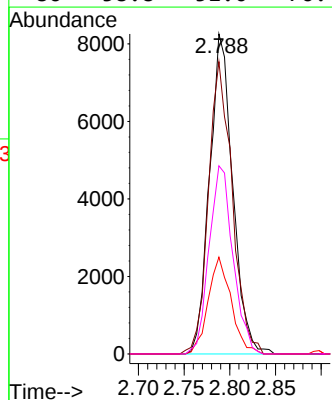
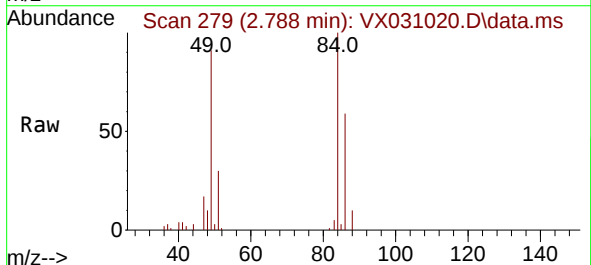
Manual Integrations
APPROVED

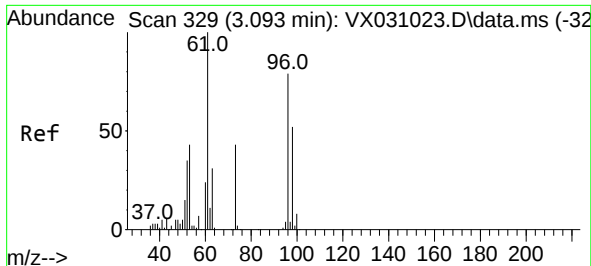
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#20
Methylene Chloride
Concen: 4.804 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

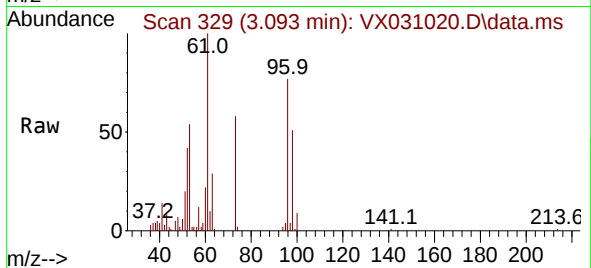
Tgt Ion: 84 Resp: 14518
Ion Ratio Lower Upper
84 100
49 91.4 93.8 140.6#
51 30.2 29.4 44.0
86 58.8 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 4.683 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

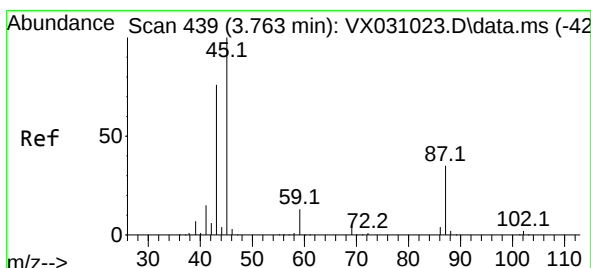
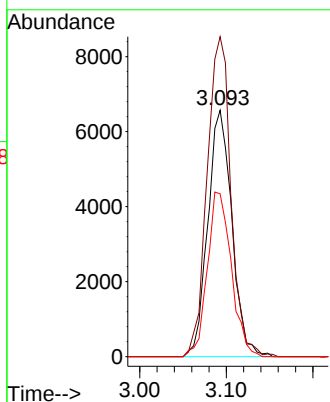
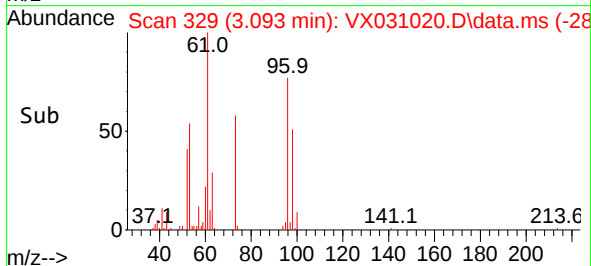
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



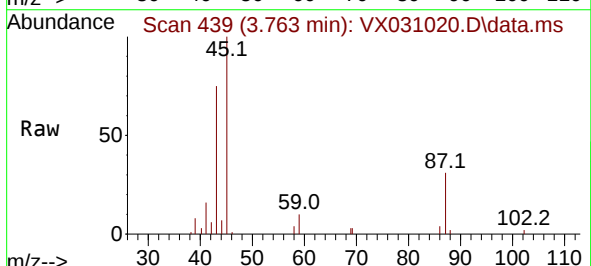
Tgt Ion: 96 Resp: 12672
Ion Ratio Lower Upper
96 100
61 129.8 105.6 158.4
98 66.1 50.1 75.1

Manual Integrations
APPROVED

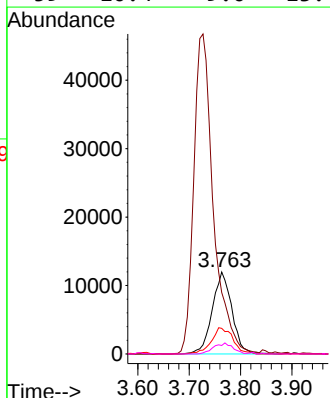
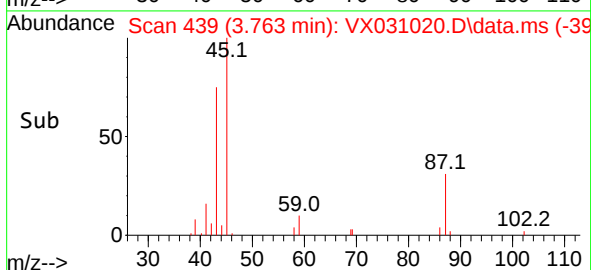
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#22
Diisopropyl ether
Concen: 3.814 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.007 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23



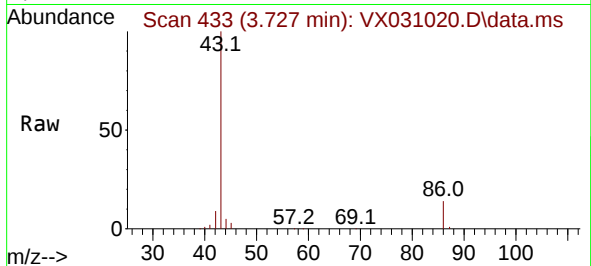
Tgt Ion: 45 Resp: 31813
Ion Ratio Lower Upper
45 100
43 74.3 65.4 98.0
87 31.3 22.3 33.5
59 10.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 18.538 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX031020.D
 Acq: 01 Sep 2022 11:23

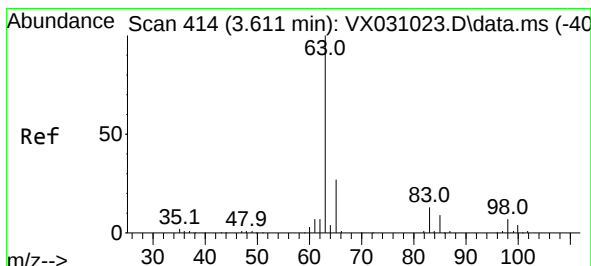
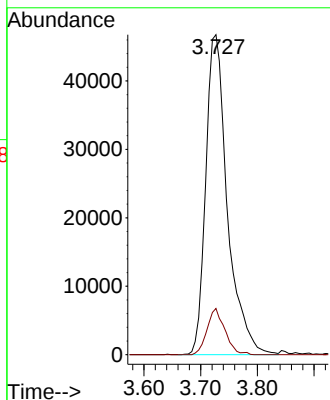
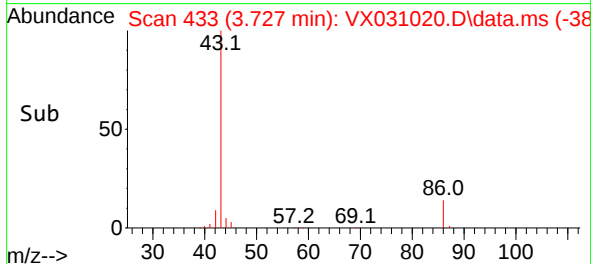
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



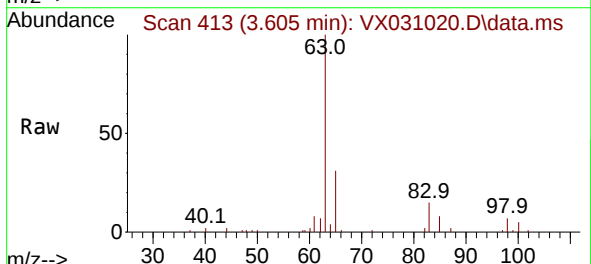
Tgt Ion: 43 Resp: 12406
 Ion Ratio Lower Upper
 43 100
 86 14.4 8.5 12.7

Manual Integrations
 APPROVED

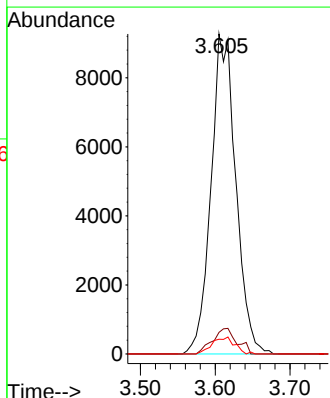
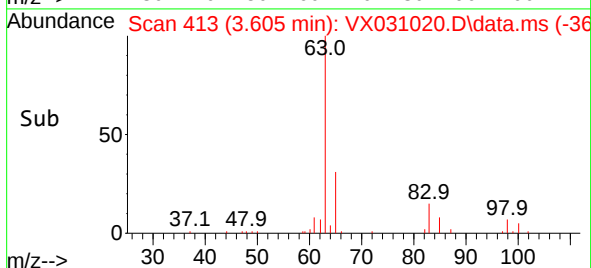
Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

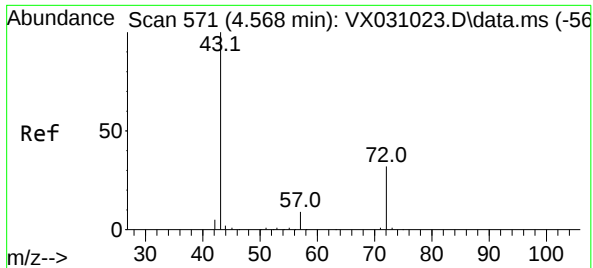


#24
 1,1-Dichloroethane
 Concen: 4.379 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX031020.D
 Acq: 01 Sep 2022 11:23



Tgt Ion: 63 Resp: 21394
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.6 2.3 6.9





#25

2-Butanone

Concen: 17.923 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 38564

Ion Ratio Lower Upper

43 100

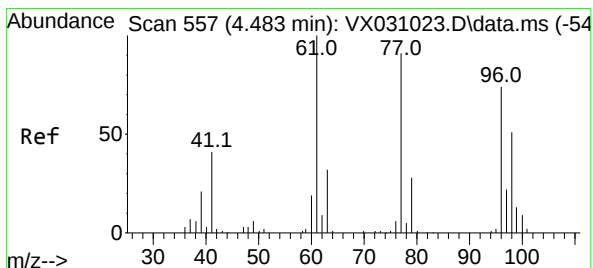
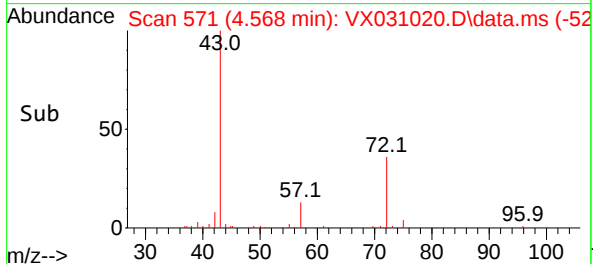
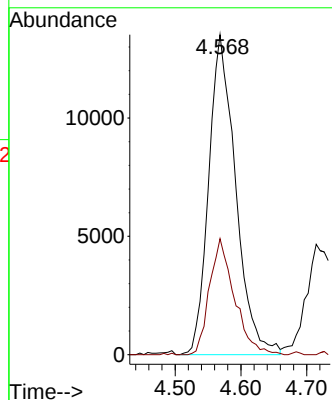
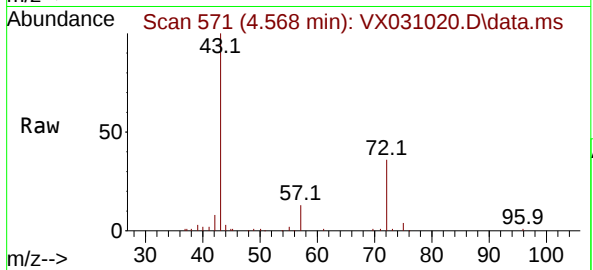
72 36.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carbone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#26

2,2-Dichloropropane

Concen: 4.490 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX031020.D

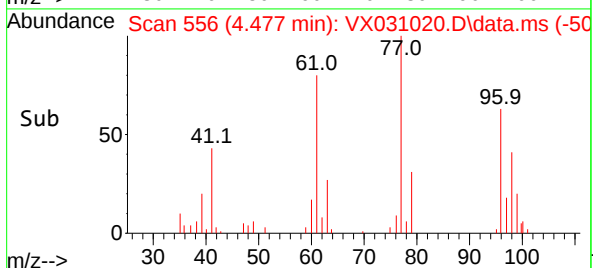
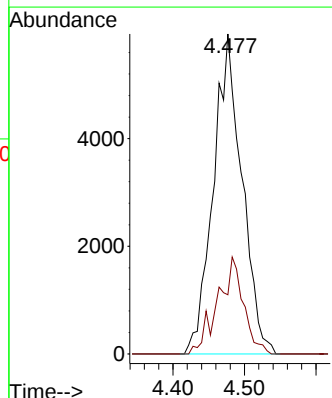
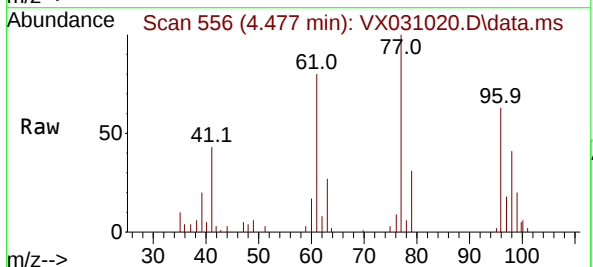
Acq: 01 Sep 2022 11:23

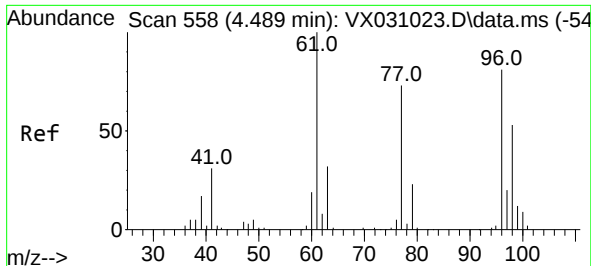
Tgt Ion: 77 Resp: 16529

Ion Ratio Lower Upper

77 100

97 27.2 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 4.603 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 1435

Ion Ratio Lower Upper

96 100

61 127.4 0.0 270.0

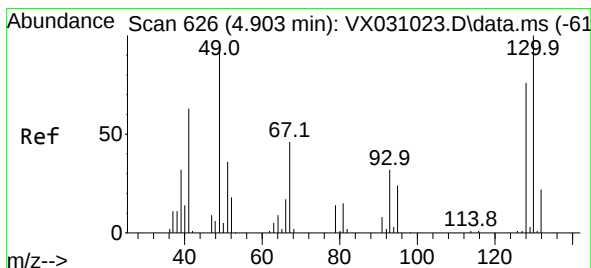
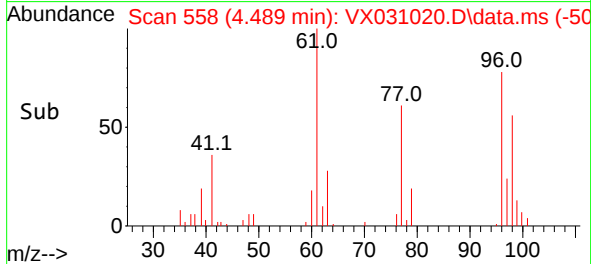
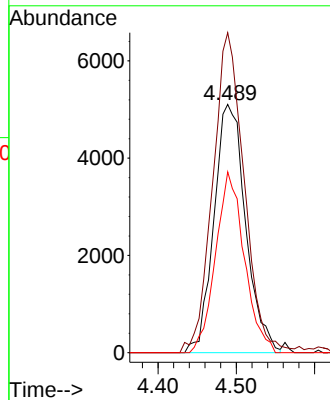
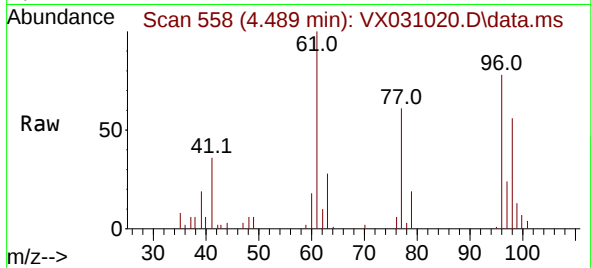
98 65.9 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#28

Bromochloromethane

Concen: 4.175 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.006 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

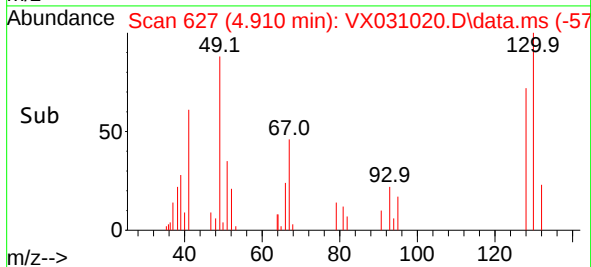
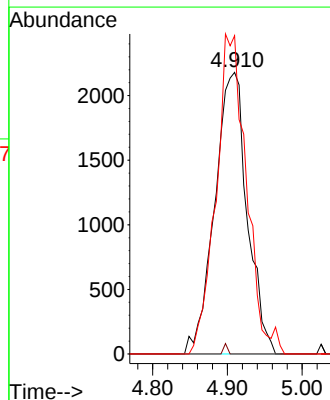
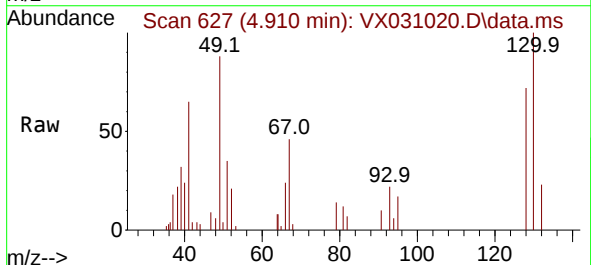
Tgt Ion: 49 Resp: 6597

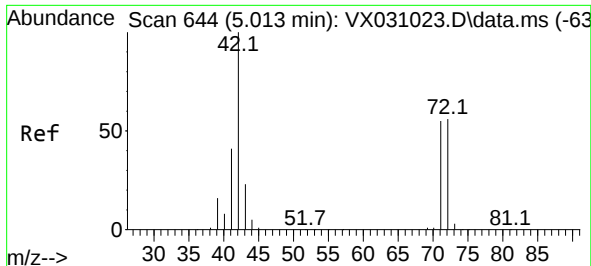
Ion Ratio Lower Upper

49 100

129 0.5 0.0 4.4

130 106.7 62.8 94.2#





#29

Tetrahydrofuran

Concen: 18.187 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

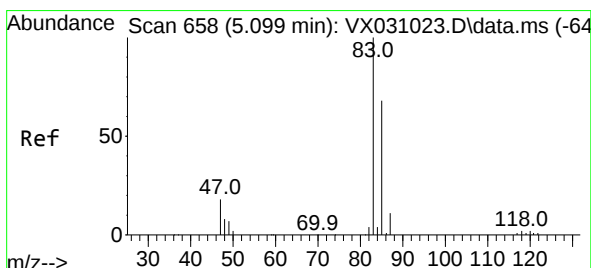
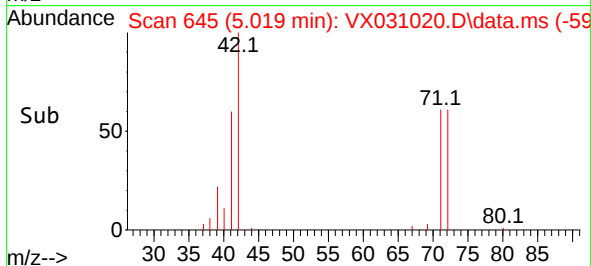
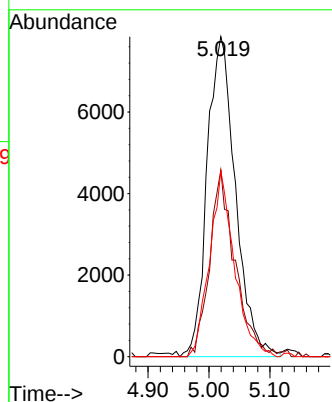
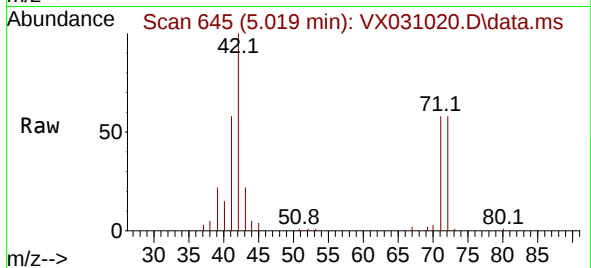
Tgt Ion:	42	Resp:	2531
Ion Ratio	Lower	Upper	
42	100		
72	52.5	36.5	54.7
71	51.2	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#30

Chloroform

Concen: 4.549 ug/l

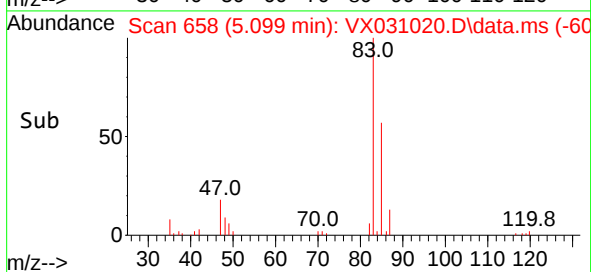
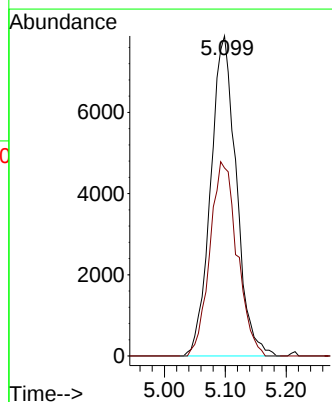
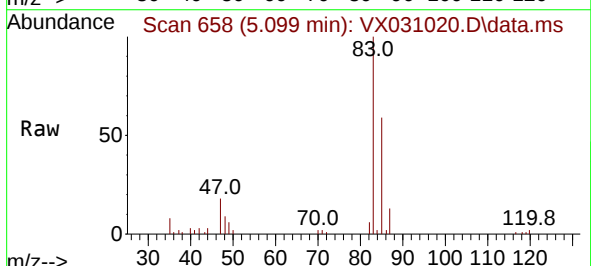
RT: 5.099 min Scan# 658

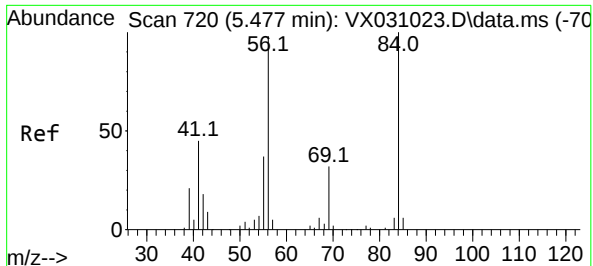
Delta R.T. -0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

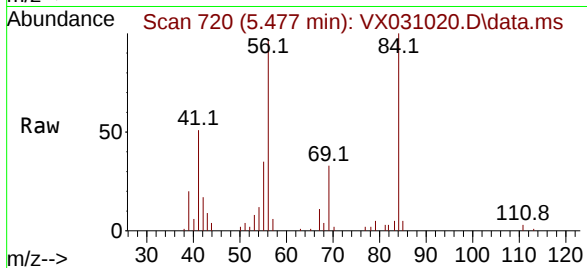
Tgt Ion:	83	Resp:	23054
Ion Ratio	Lower	Upper	
83	100		
85	58.8	51.5	77.3





#31
Cyclohexane
Concen: 4.092 ug/l
RT: 5.477 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

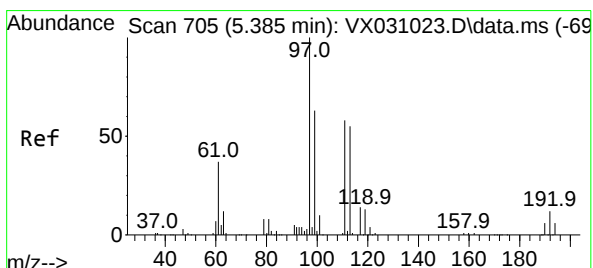
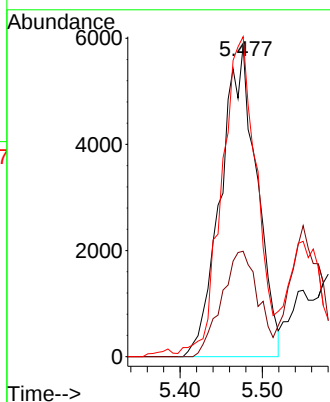
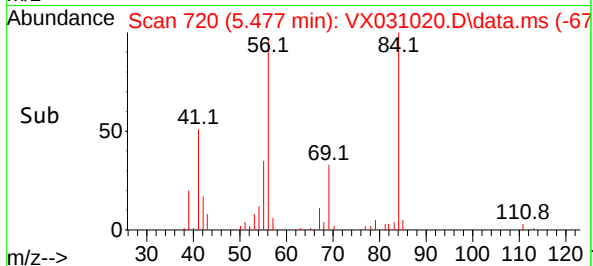
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



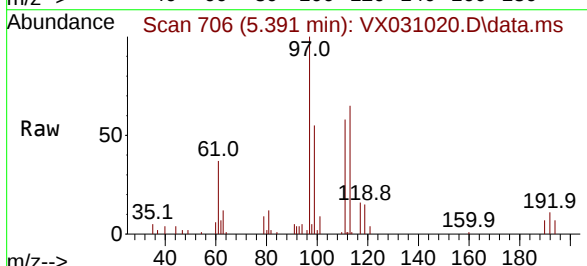
Tgt Ion: 56 Resp: 1783
Ion Ratio Lower Upper
56 100
69 33.9 25.4 38.0
84 101.8 68.9 103.3

Manual Integrations
APPROVED

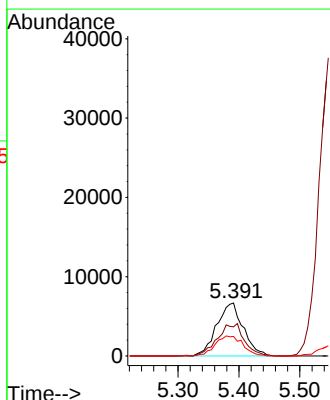
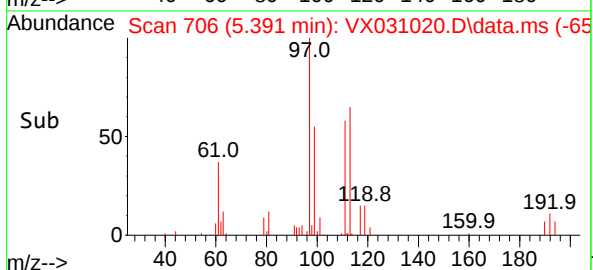
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

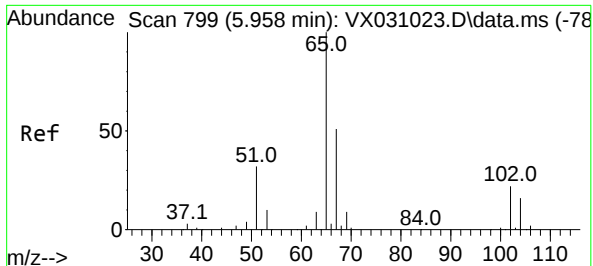


#32
1,1,1-Trichloroethane
Concen: 4.704 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23



Tgt Ion: 97 Resp: 20207
Ion Ratio Lower Upper
97 100
99 60.9 51.4 77.0
61 39.2 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 4.623 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1361

Ion Ratio Lower Upper

65 100

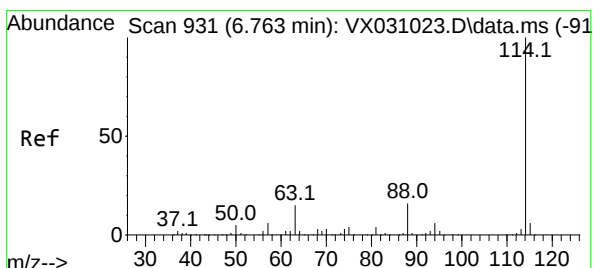
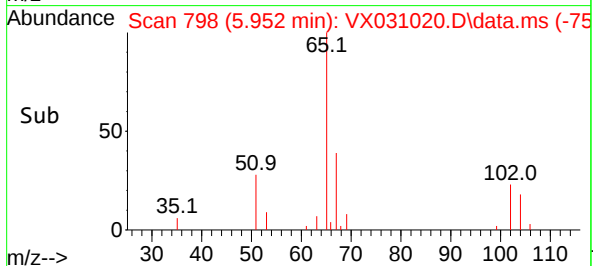
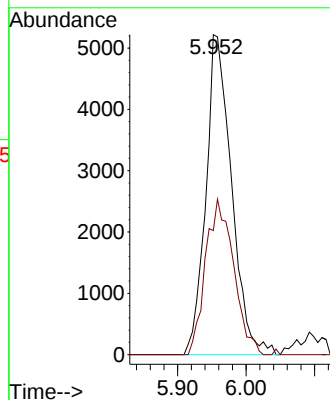
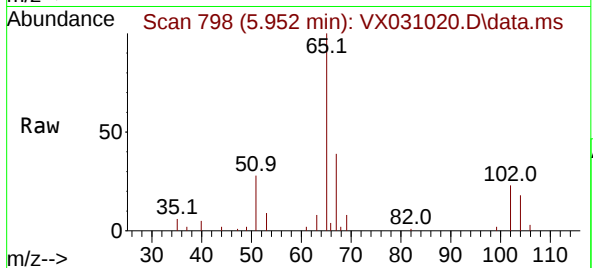
67 52.9 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

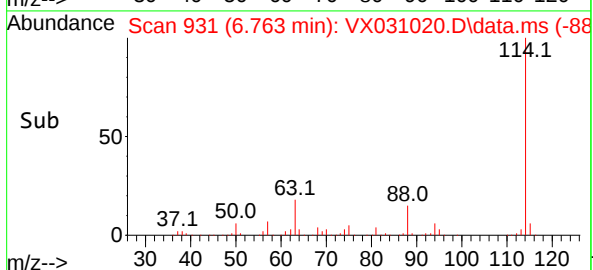
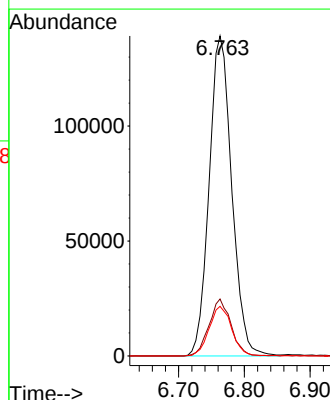
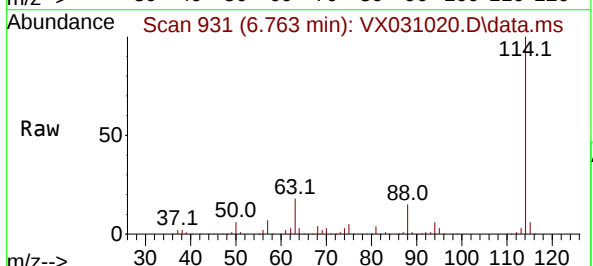
Tgt Ion:114 Resp: 333572

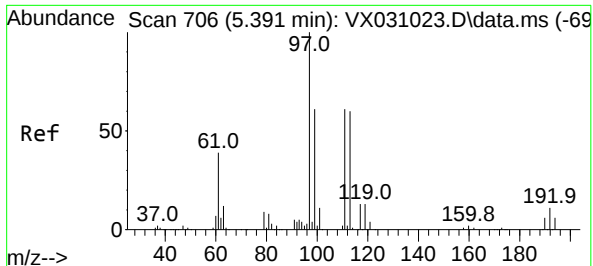
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

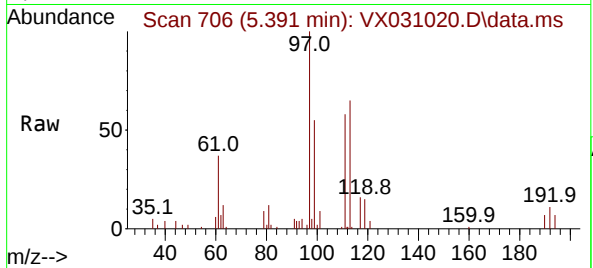
88 15.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 5.151 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

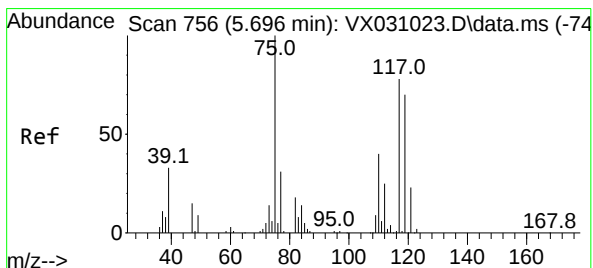
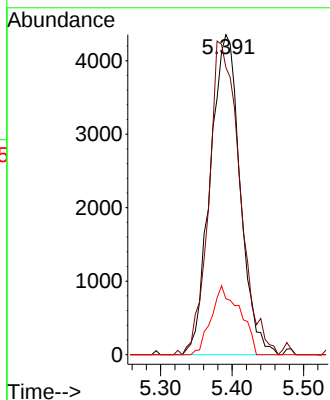
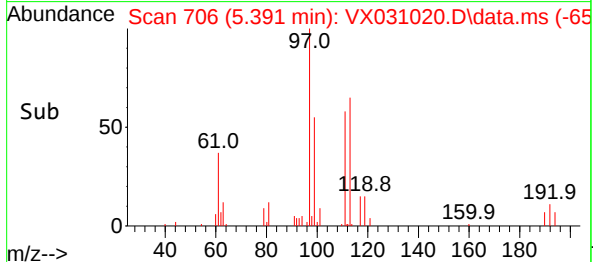
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



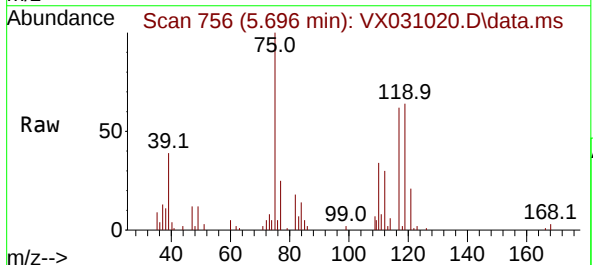
Tgt Ion: 113 Resp: 1266
Ion Ratio Lower Upper
113 100
111 100.7 83.2 124.8
192 20.5 14.8 22.2

Manual Integrations
APPROVED

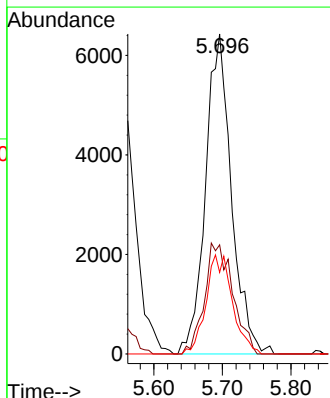
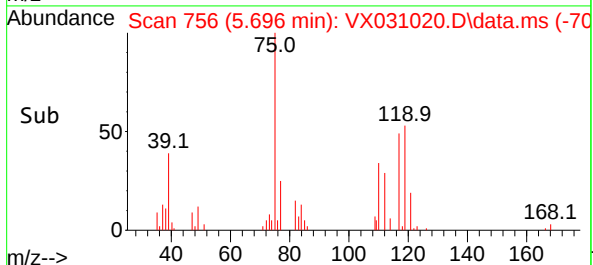
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

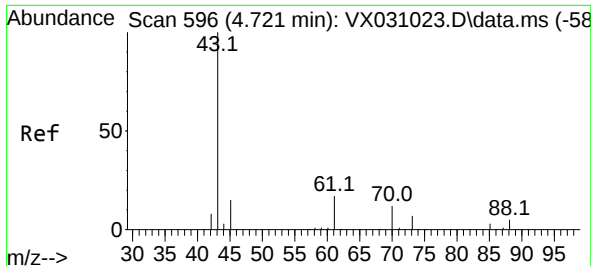


#36
1,1-Dichloropropene
Concen: 4.623 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23



Tgt Ion: 75 Resp: 16895
Ion Ratio Lower Upper
75 100
110 38.0 19.3 57.9
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 3.620 ug/l

RT: 4.714 min Scan# 596

Delta R.T. -0.007 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

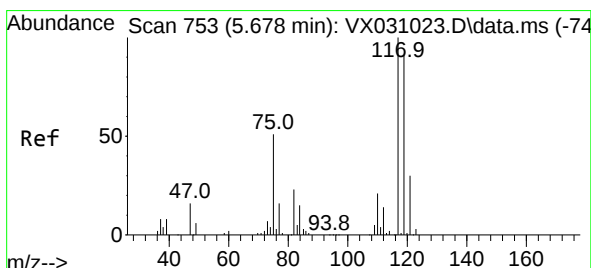
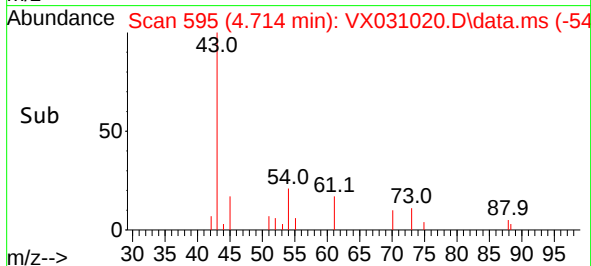
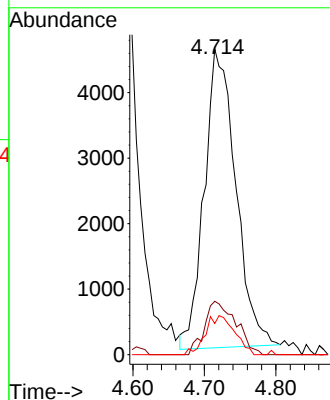
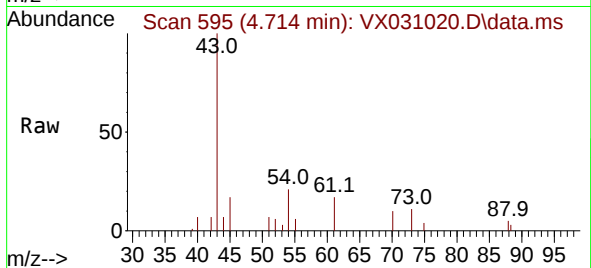
Tgt Ion:	43	Resp:	13908
Ion Ratio	Lower	Upper	
43	100		
61	17.9	11.7	17.5
70	12.2	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#38

Carbon Tetrachloride

Concen: 5.074 ug/l

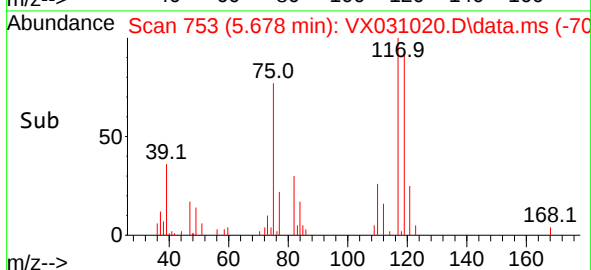
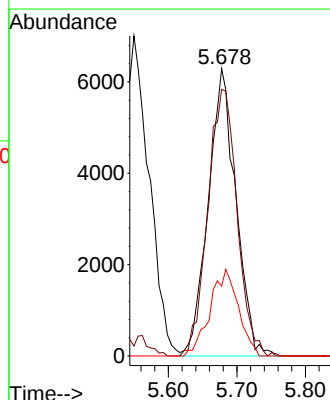
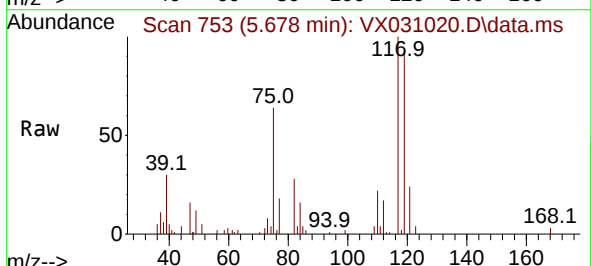
RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Tgt Ion:	117	Resp:	17654
Ion Ratio	Lower	Upper	
117	100		
119	92.8	74.1	111.1
121	24.4	25.8	38.8





#39

Methylcyclohexane

Concen: 4.754 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

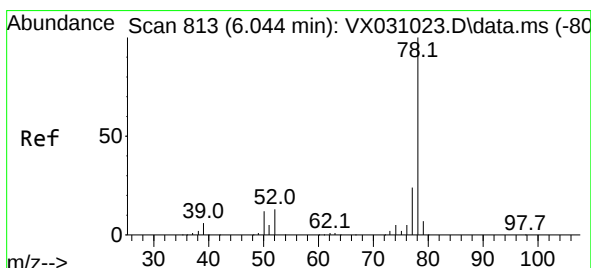
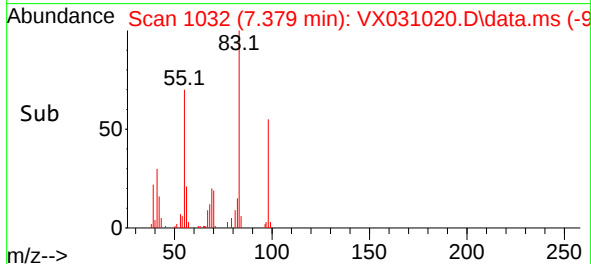
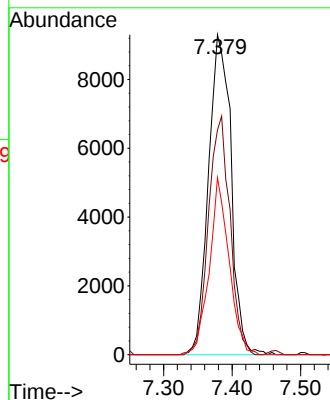
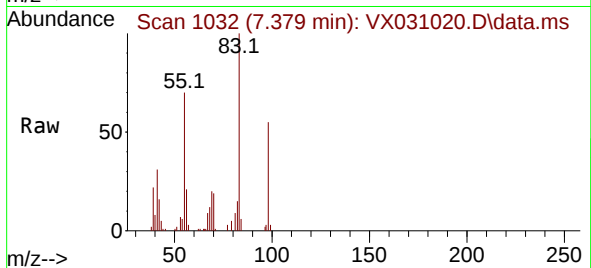
Tgt Ion: 83	Resp: 21250
Ion Ratio	Lower Upper
83 100	
55 70.2	57.7 86.5
98 55.3	36.5 54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#40

Benzene

Concen: 4.643 ug/l

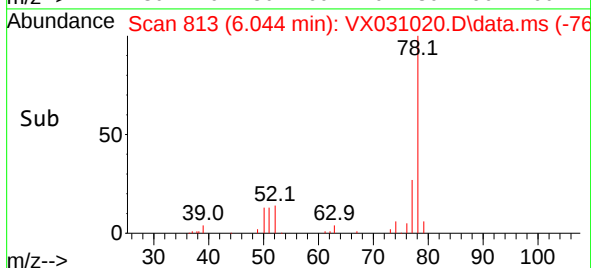
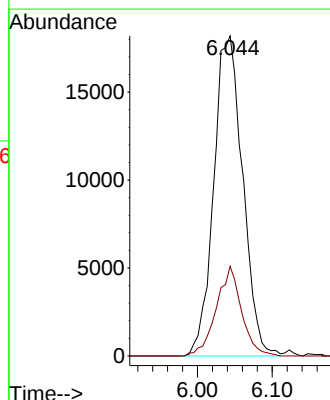
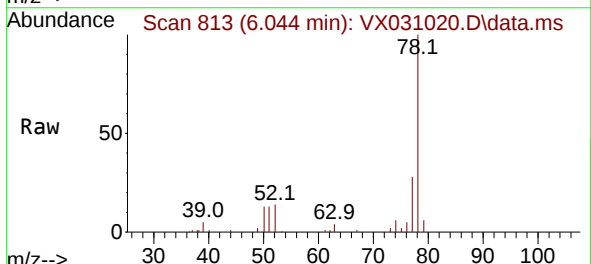
RT: 6.044 min Scan# 813

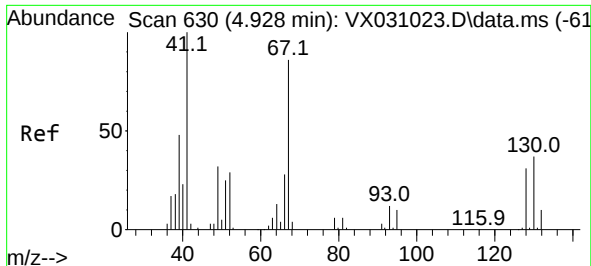
Delta R.T. -0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

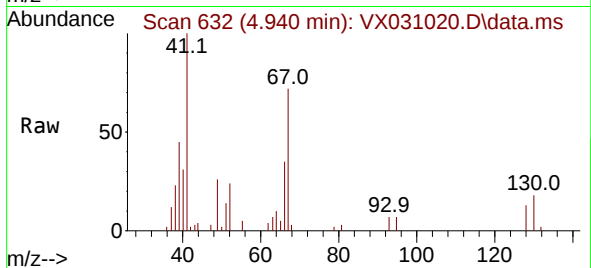
Tgt Ion: 78	Resp: 48910
Ion Ratio	Lower Upper
78 100	
77 28.0	18.0 27.0#





#41
Methacrylonitrile
Concen: 3.863 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

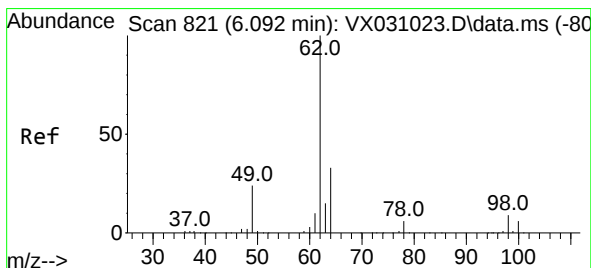
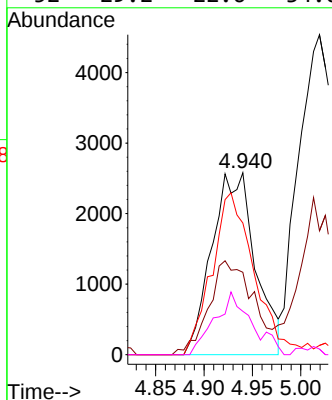
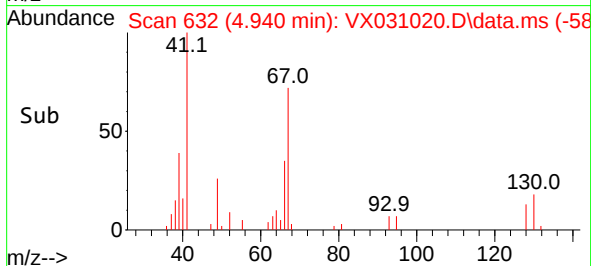
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 8062
Ion Ratio Lower Upper
41 100
39 52.4 42.9 64.3
67 86.3 60.1 90.1
52 29.2 22.6 34.0

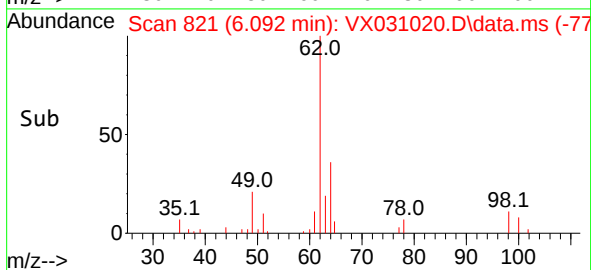
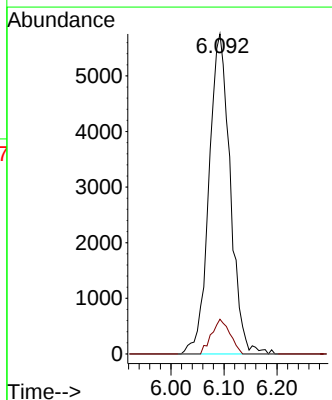
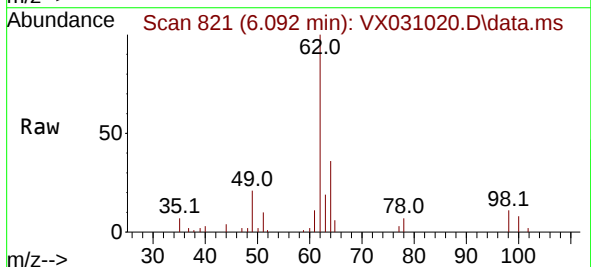
Manual Integrations
APPROVED

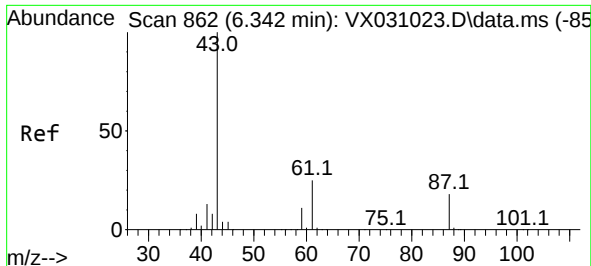
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#42
1,2-Dichloroethane
Concen: 4.579 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Tgt Ion: 62 Resp: 16021
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.2





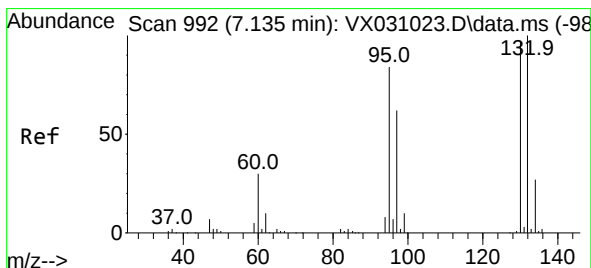
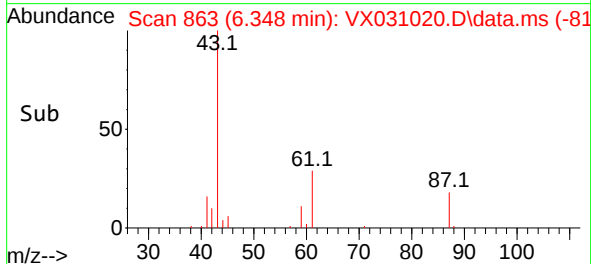
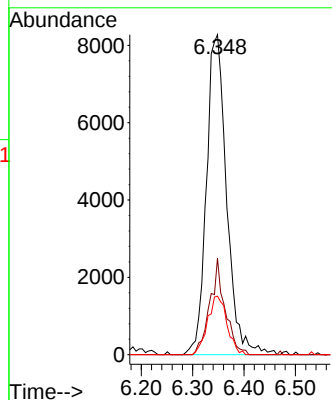
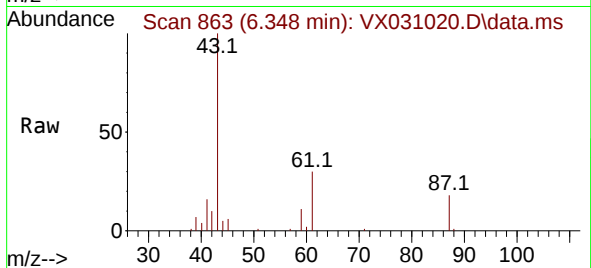
#43
Isopropyl Acetate
Concen: 3.786 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 22570
Ion Ratio Lower Upper
43 100
61 22.7 16.5 24.7
87 17.6 11.1 16.7

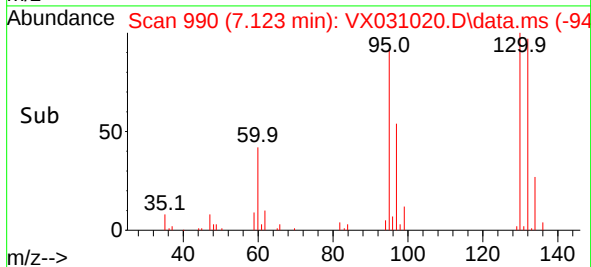
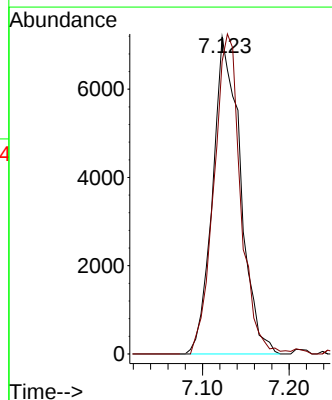
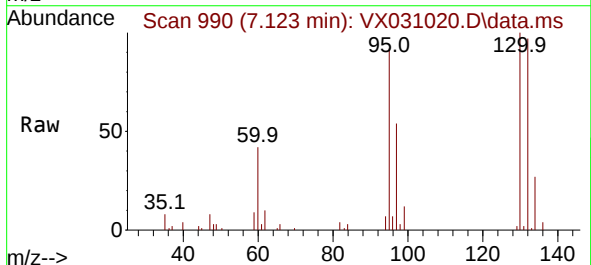
Manual Integrations
APPROVED

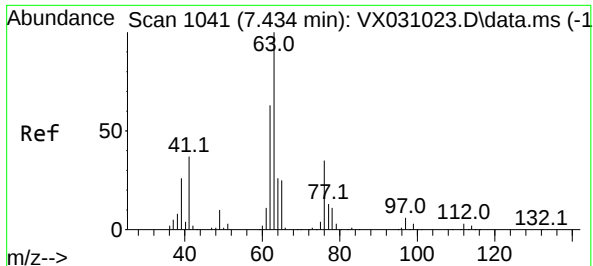
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#44
Trichloroethene
Concen: 5.163 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Tgt Ion:130 Resp: 16021
Ion Ratio Lower Upper
130 100
95 92.2 0.0 194.8





#45

1,2-Dichloropropane

Concen: 4.240 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1192

Ion Ratio Lower Upper

63 100

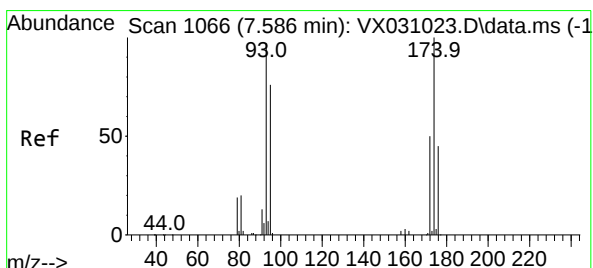
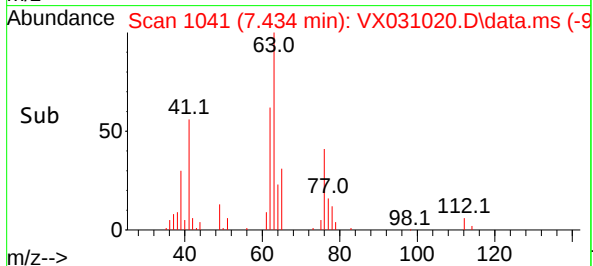
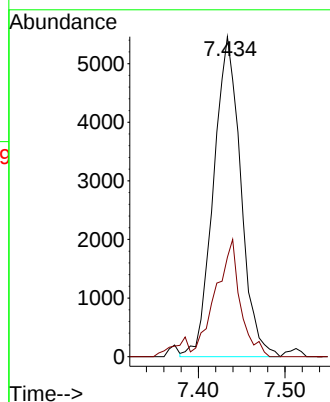
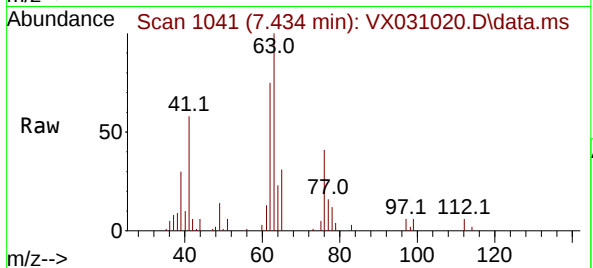
65 31.1 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#46

Dibromomethane

Concen: 4.979 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

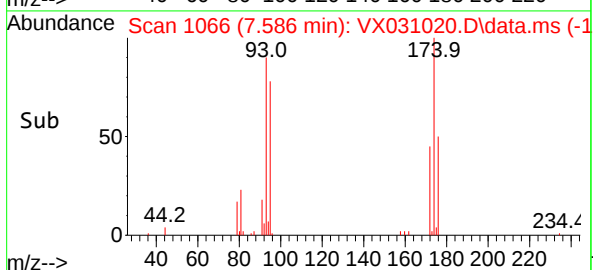
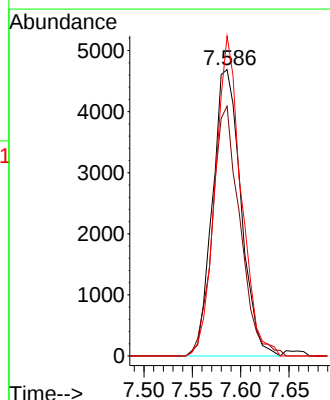
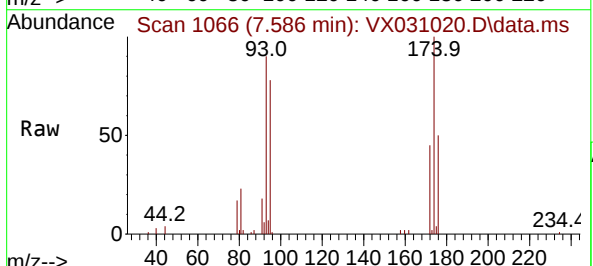
Tgt Ion: 93 Resp: 9561

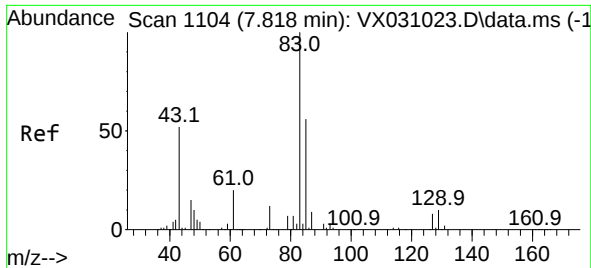
Ion Ratio Lower Upper

93 100

95 84.8 67.4 101.0

174 101.8 75.6 113.4





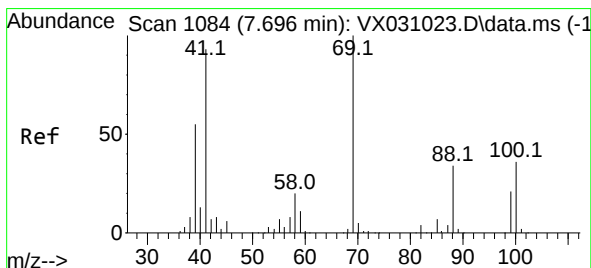
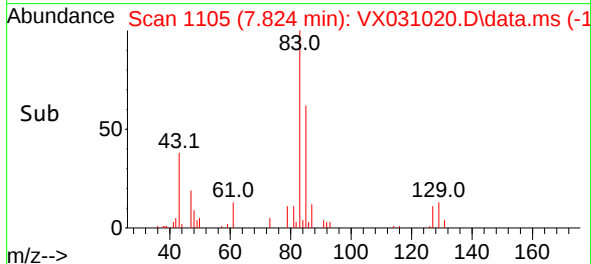
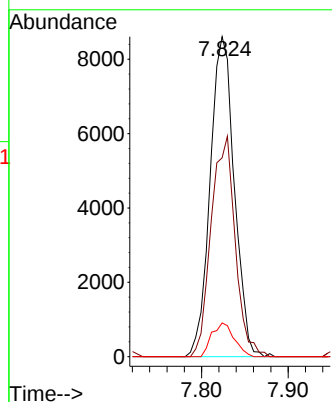
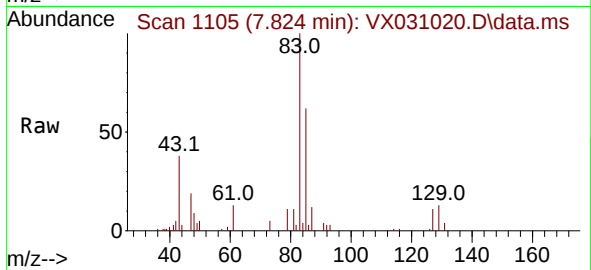
#47
Bromodichloromethane
Concen: 4.526 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1670
Ion Ratio Lower Upper
83 100
85 62.2 53.5 80.3
127 10.5 6.6 10.0

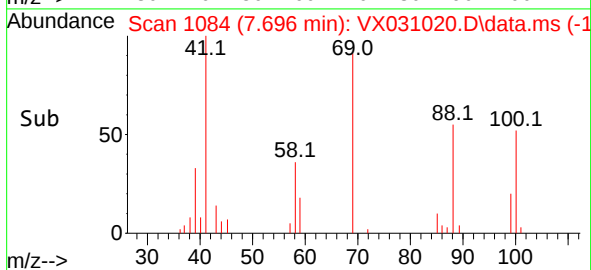
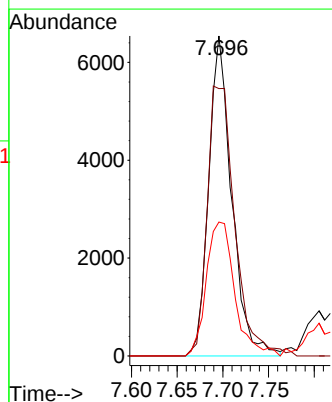
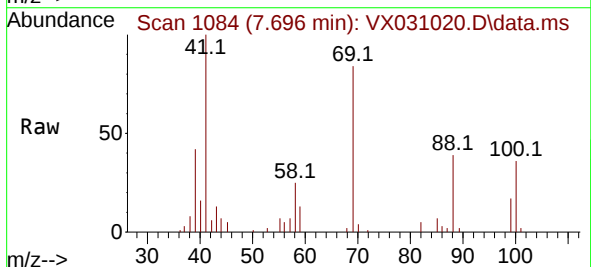
Manual Integrations
APPROVED

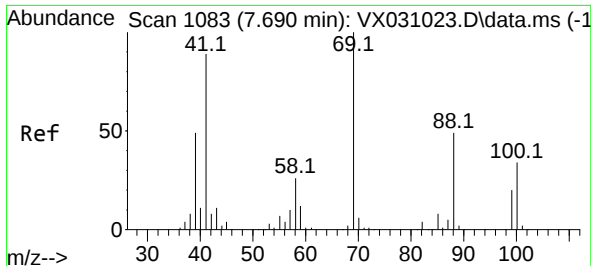
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#48
Methyl methacrylate
Concen: 3.832 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Tgt Ion: 41 Resp: 11437
Ion Ratio Lower Upper
41 100
69 101.2 68.8 103.2
39 51.6 44.6 66.8





#49

1,4-Dioxane

Concen: 88.092 ug/l

RT: 7.696 min Scan# 1083

Delta R.T. 0.019 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

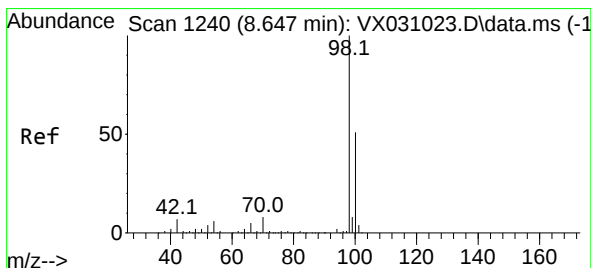
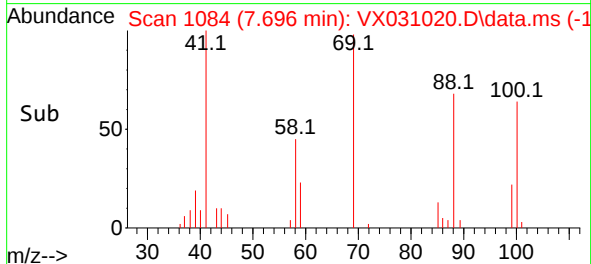
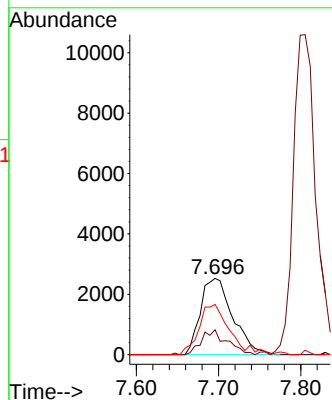
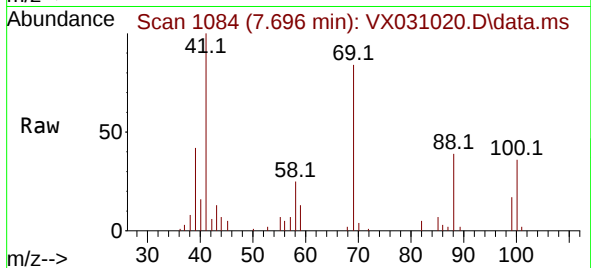
Tgt Ion: 88 Resp: 6909
 Ion Ratio Lower Upper
 88 100
 43 25.7 23.8 35.8
 58 62.1 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#50

Toluene-d8

Concen: 4.992 ug/l

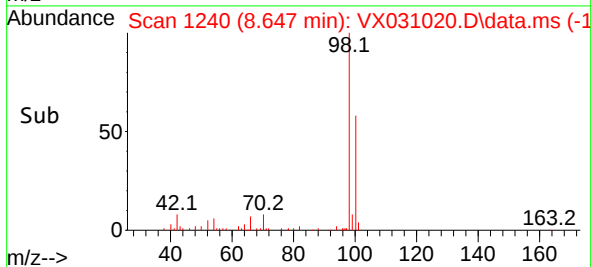
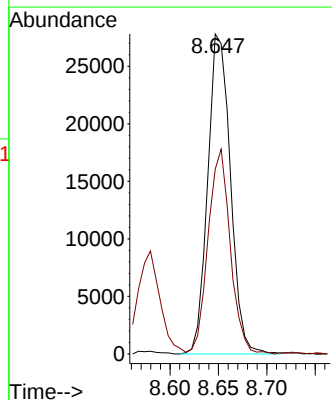
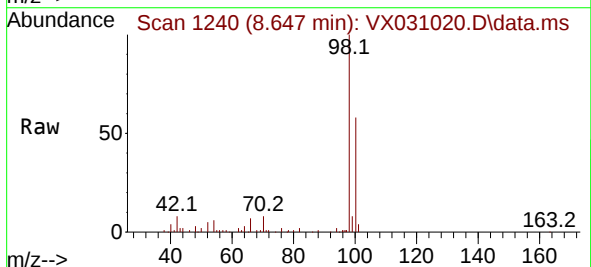
RT: 8.647 min Scan# 1240

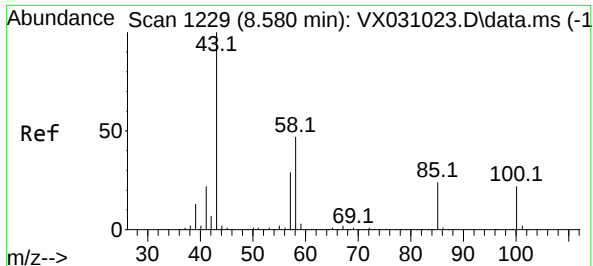
Delta R.T. -0.006 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Tgt Ion: 98 Resp: 45457
 Ion Ratio Lower Upper
 98 100
 100 62.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 18.677 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 7349

Ion Ratio Lower Upper

43 100

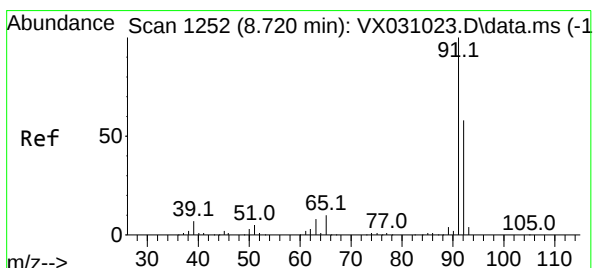
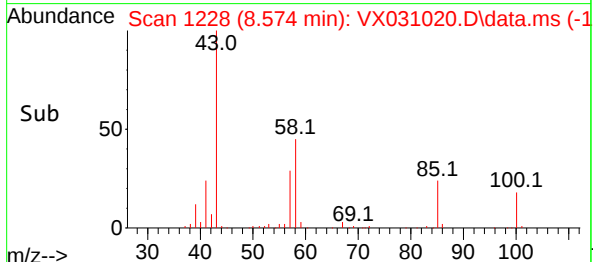
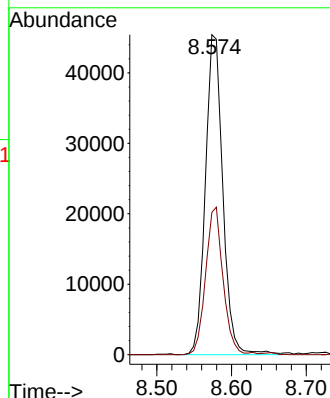
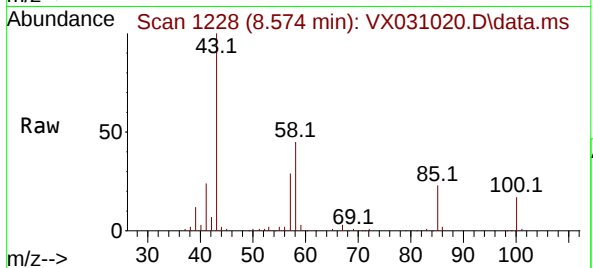
58 46.2 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#52

Toluene

Concen: 5.010 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX031020.D

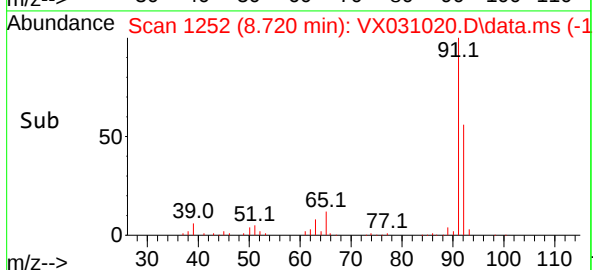
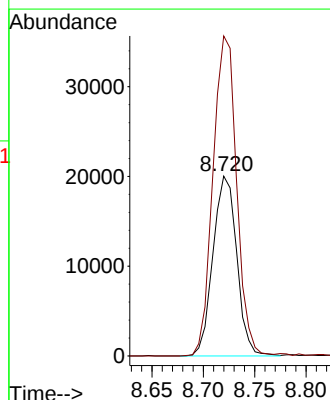
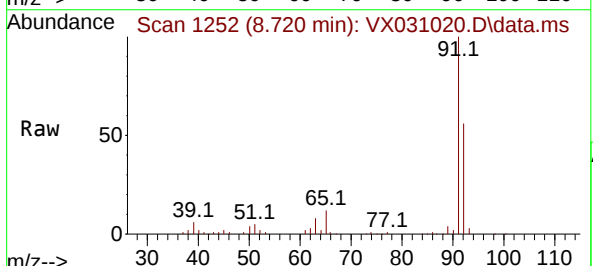
Acq: 01 Sep 2022 11:23

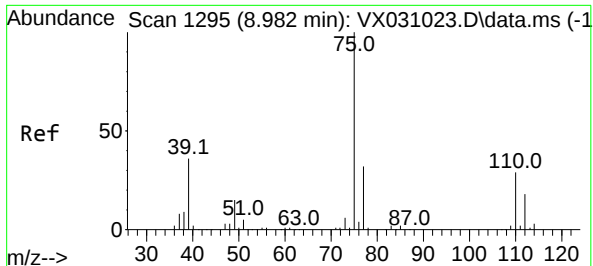
Tgt Ion: 92 Resp: 32246

Ion Ratio Lower Upper

92 100

91 177.3 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 4.491 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 16720

Ion Ratio Lower Upper

75 100

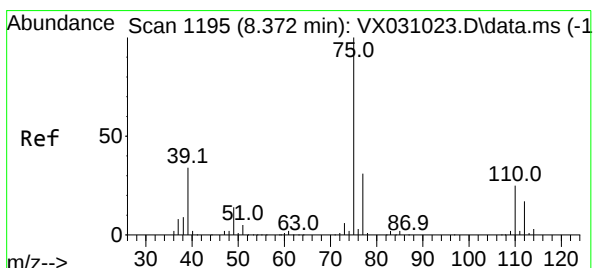
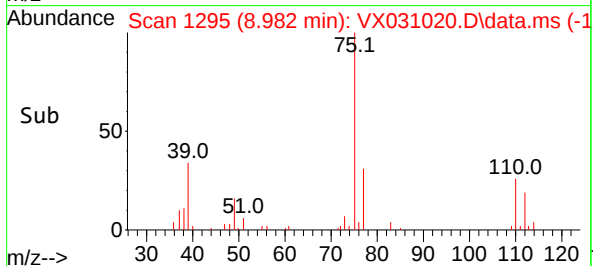
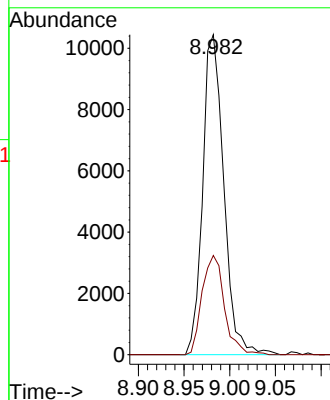
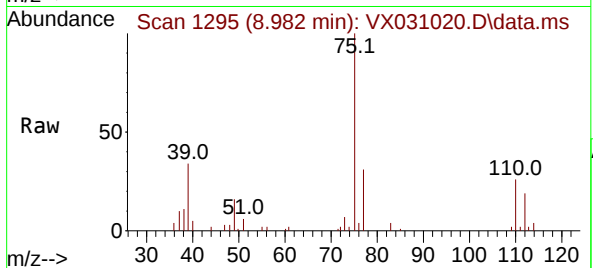
77 31.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#54

cis-1,3-Dichloropropene

Concen: 4.390 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

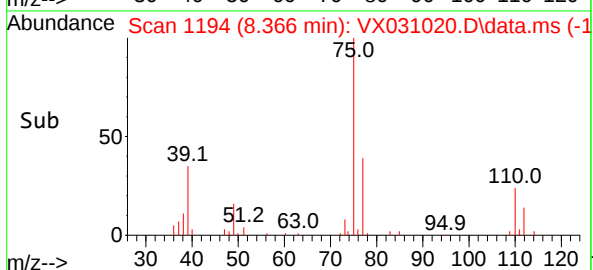
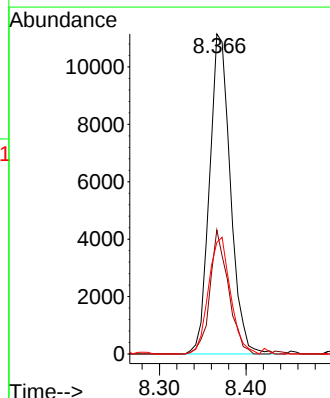
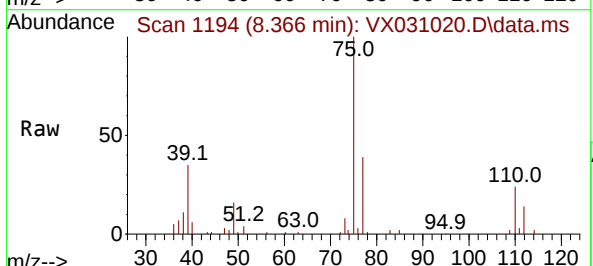
Tgt Ion: 75 Resp: 18704

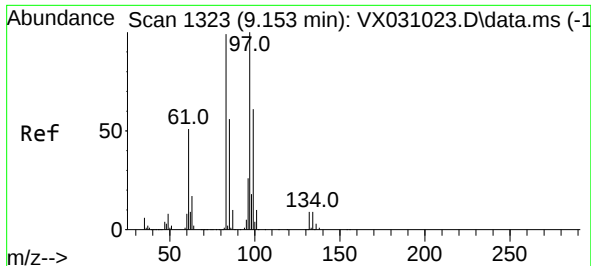
Ion Ratio Lower Upper

75 100

77 38.7 25.0 37.4#

39 34.9 37.5 56.3#





#55

1,1,2-Trichloroethane

Concen: 4.836 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

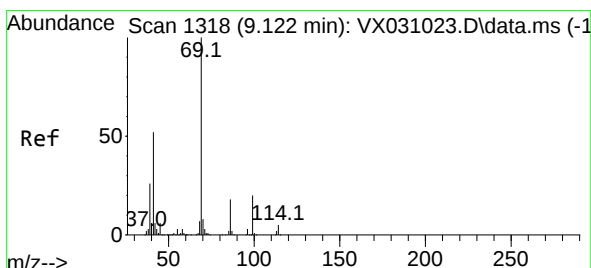
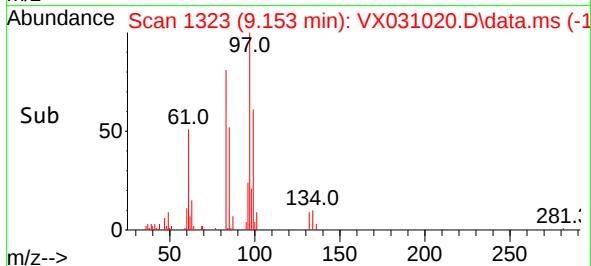
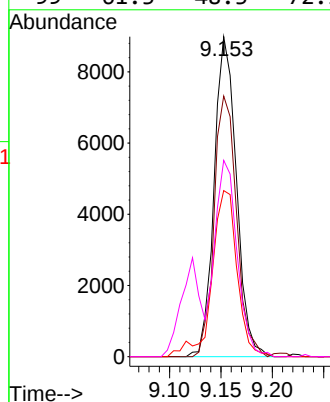
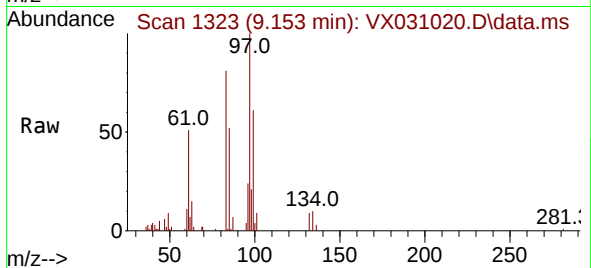
Tgt Ion:	97	Resp:	13500
Ion	Ratio	Lower	Upper
97	100		
83	81.5	68.9	103.3
85	51.9	44.0	66.0
99	61.3	48.3	72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#56

Ethyl methacrylate

Concen: 4.328 ug/l

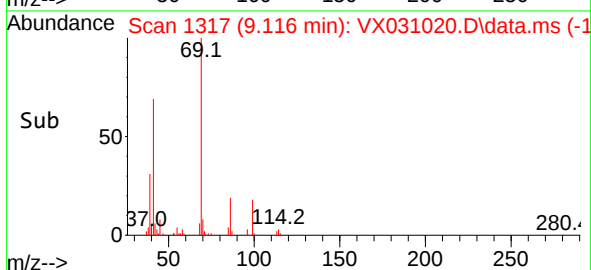
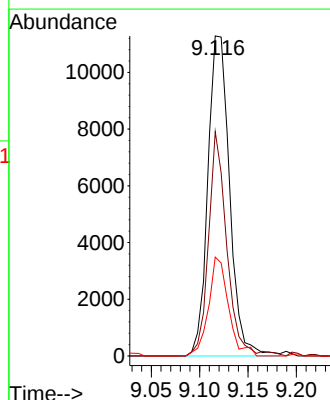
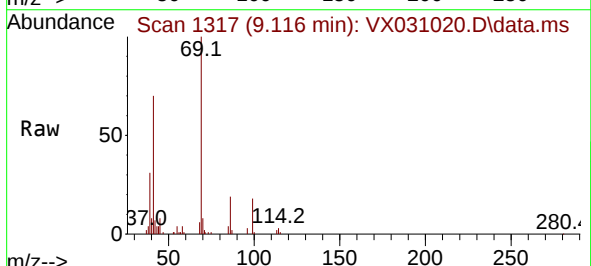
RT: 9.116 min Scan# 1317

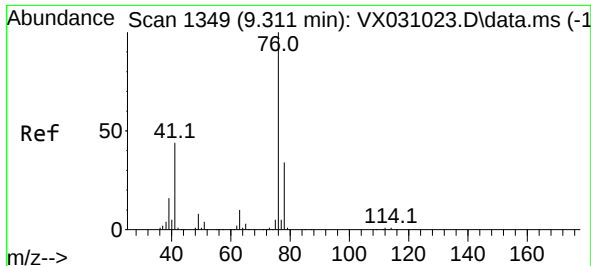
Delta R.T. -0.006 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Tgt Ion:	69	Resp:	17695
Ion	Ratio	Lower	Upper
69	100		
41	58.8	52.3	78.5
39	28.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 4.541 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 20908

Ion Ratio Lower Upper

76 100

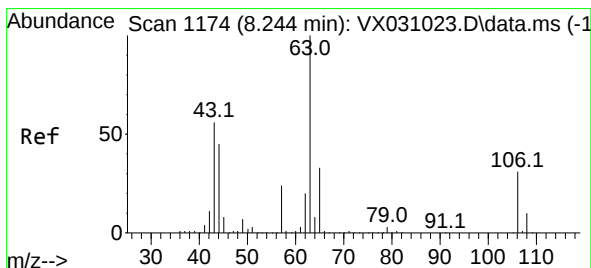
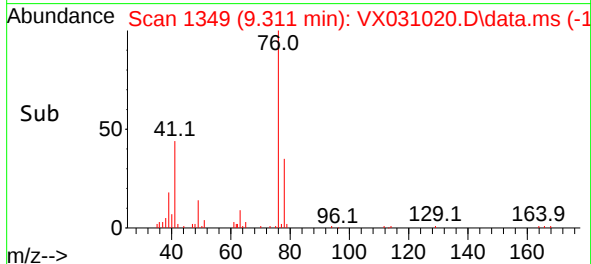
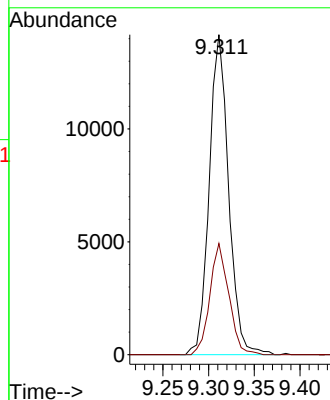
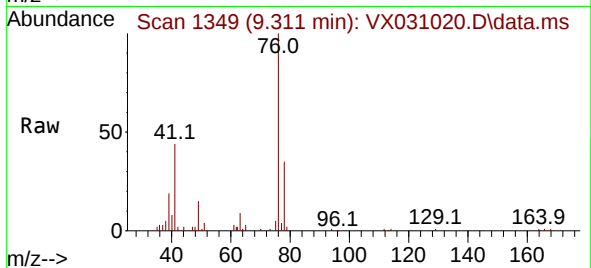
78 33.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 19.453 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.013 min

Lab File: VX031020.D

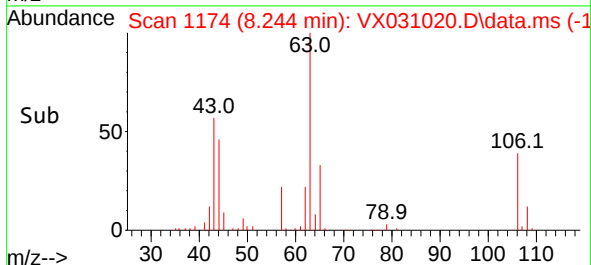
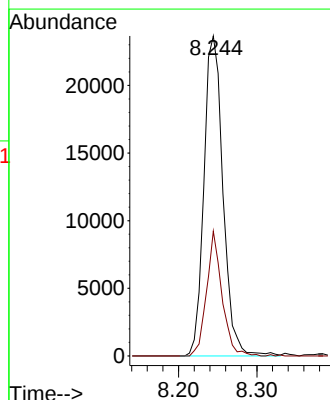
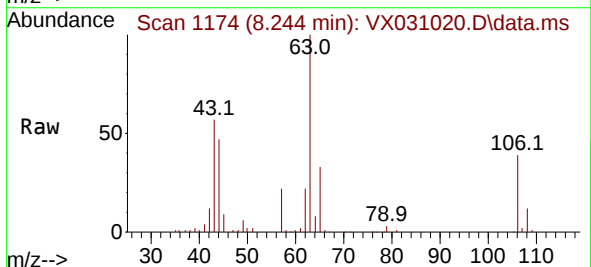
Acq: 01 Sep 2022 11:23

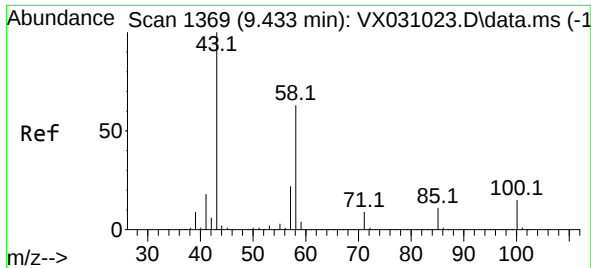
Tgt Ion: 63 Resp: 39948

Ion Ratio Lower Upper

63 100

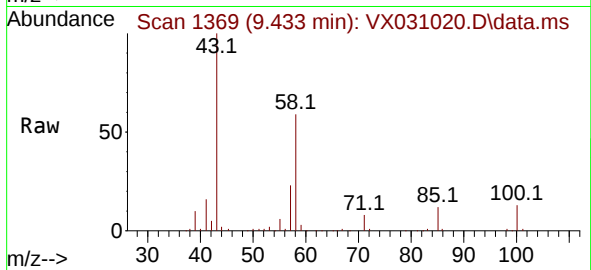
106 31.5 22.2 33.2





#59
2-Hexanone
Concen: 19.233 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

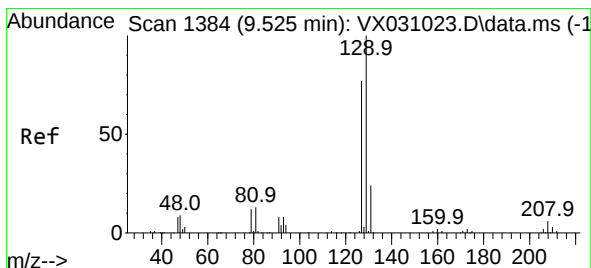
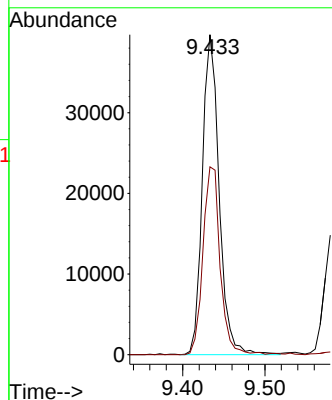
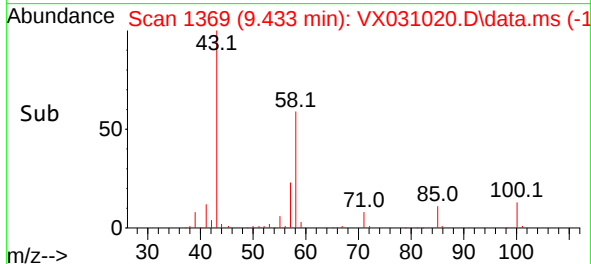
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 56279
Ion Ratio Lower Upper
43 100
58 60.1 27.6 82.8

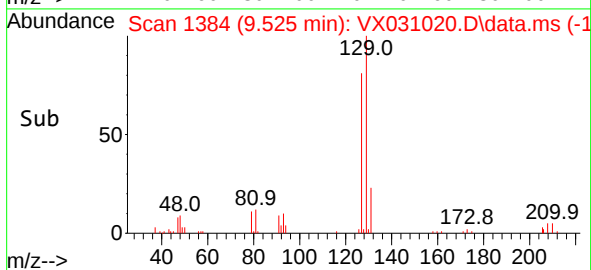
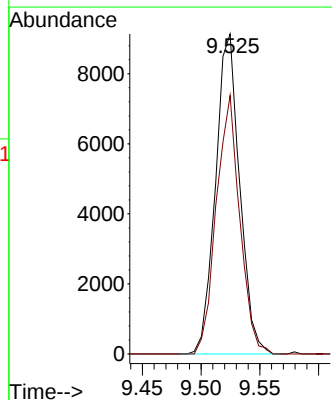
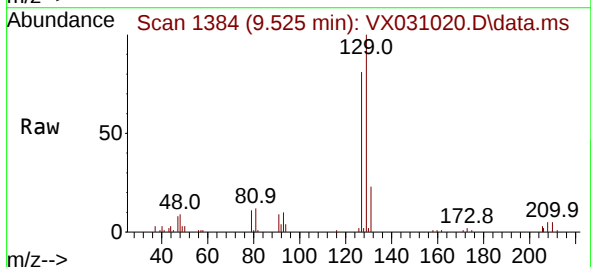
Manual Integrations
APPROVED

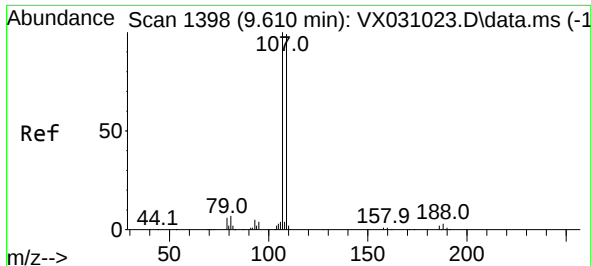
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#60
Dibromochloromethane
Concen: 4.704 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Tgt Ion:129 Resp: 13051
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5





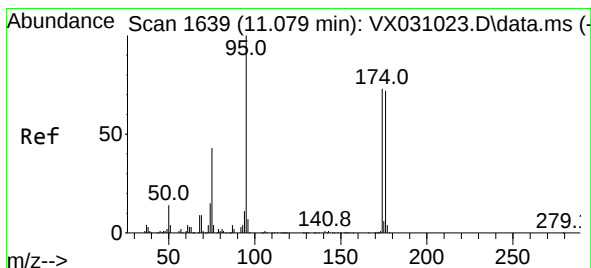
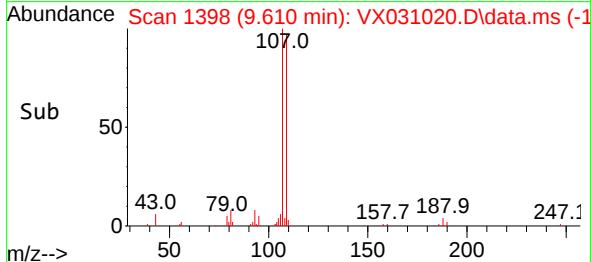
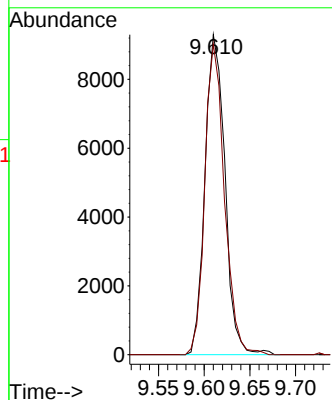
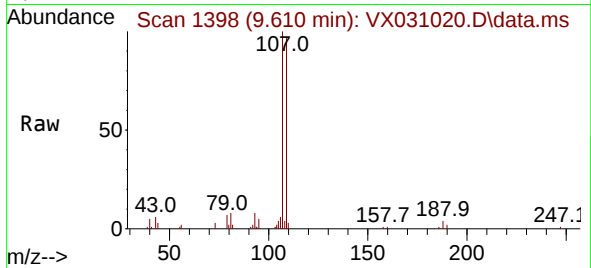
#61
1,2-Dibromoethane
Concen: 4.886 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 1408
Ion Ratio Lower Upper
107 100
109 95.7 76.6 114.8

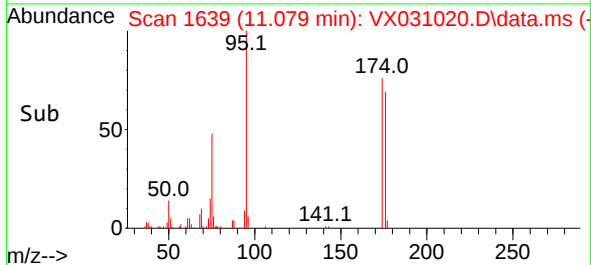
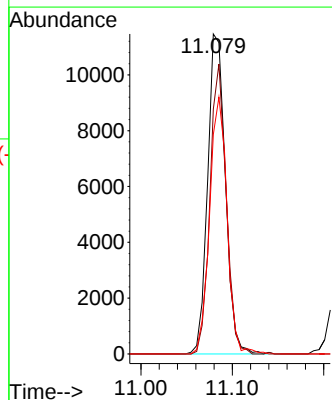
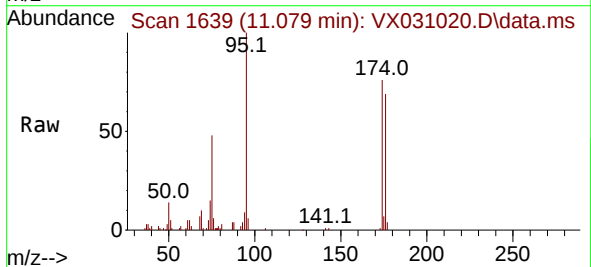
Manual Integrations
APPROVED

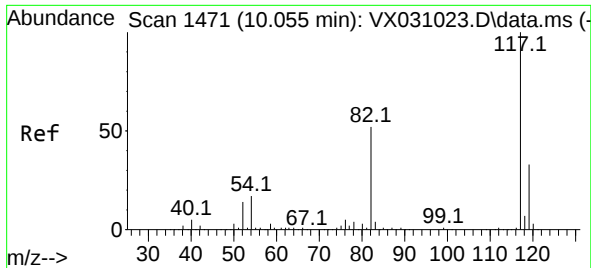
Reviewed By :John Carbone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#62
4-Bromofluorobenzene
Concen: 4.763 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

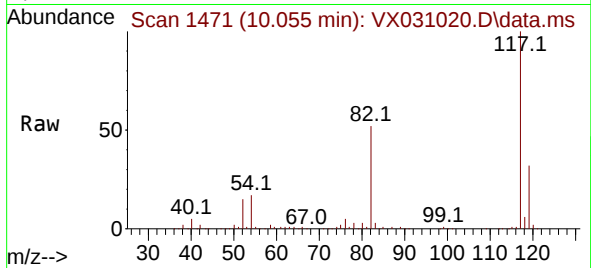
Tgt Ion: 95 Resp: 15444
Ion Ratio Lower Upper
95 100
174 82.5 0.0 149.0
176 78.8 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

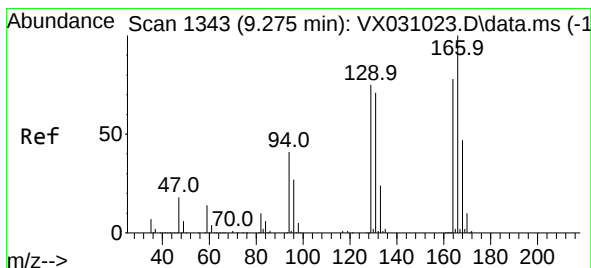
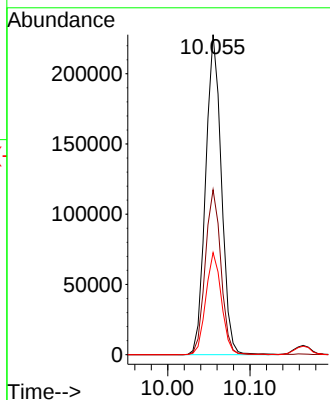
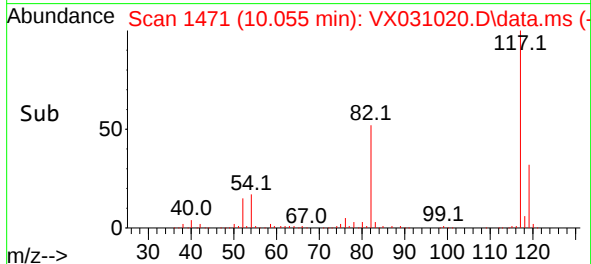
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 302872
Ion Ratio Lower Upper
117 100
82 51.5 42.7 64.1
119 31.9 25.4 38.2

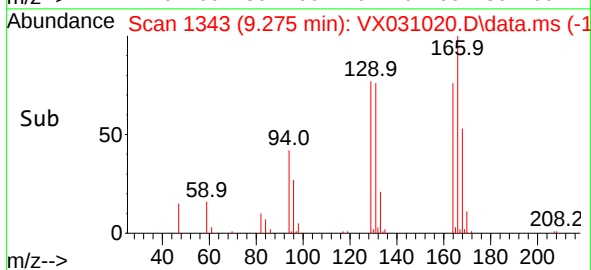
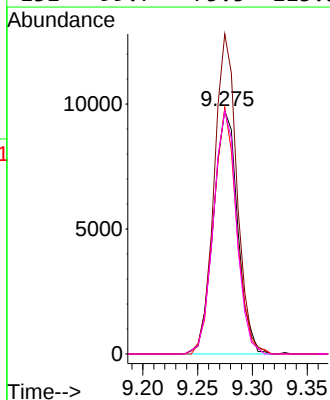
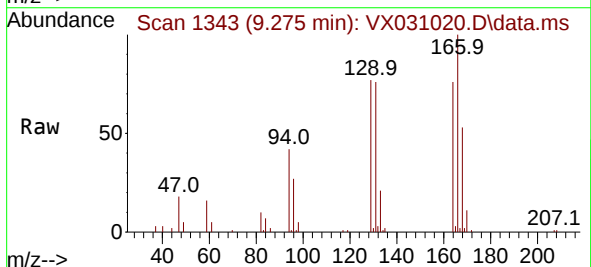
Manual Integrations
APPROVED

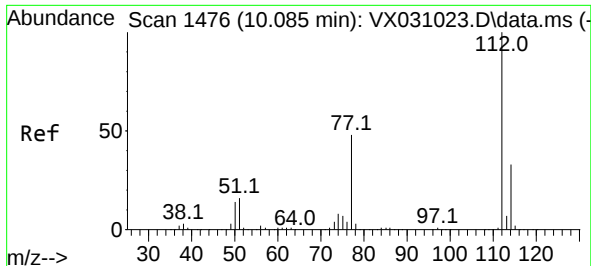
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#64
Tetrachloroethene
Concen: 5.206 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

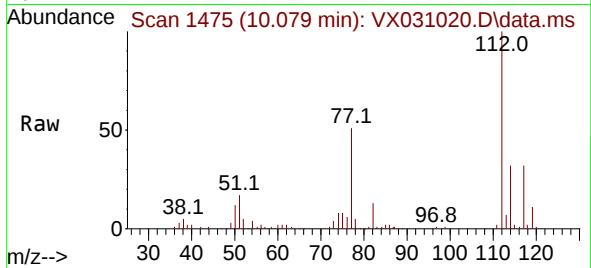
Tgt Ion:164 Resp: 14914
Ion Ratio Lower Upper
164 100
166 131.5 98.2 147.4
129 101.3 80.8 121.2
131 99.7 75.5 113.3





#65
Chlorobenzene
Concen: 5.013 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

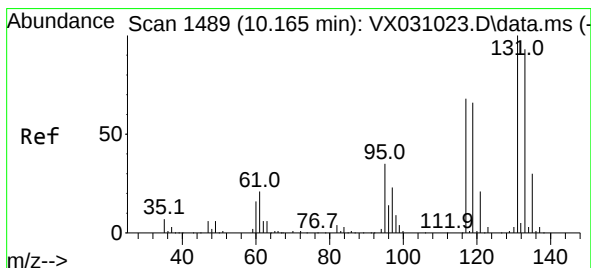
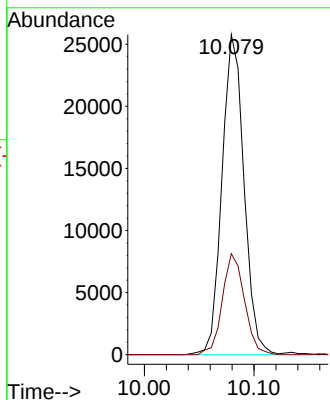
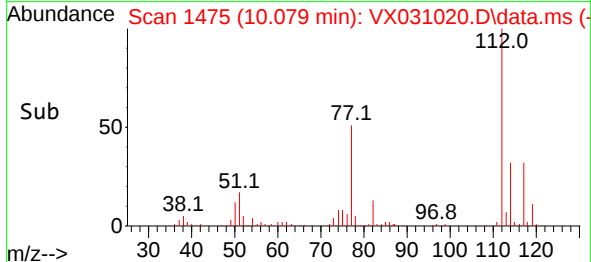
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



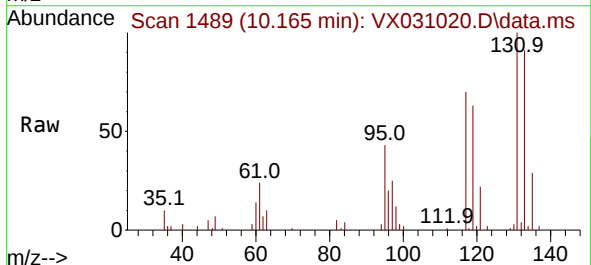
Tgt Ion:112 Resp: 3589
Ion Ratio Lower Upper
112 100
114 31.6 24.6 36.8

Manual Integrations
APPROVED

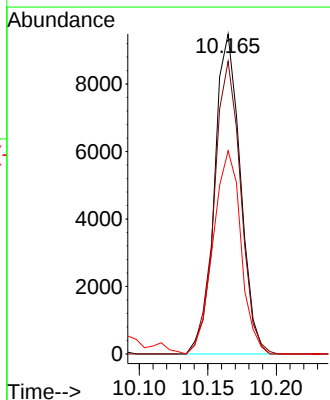
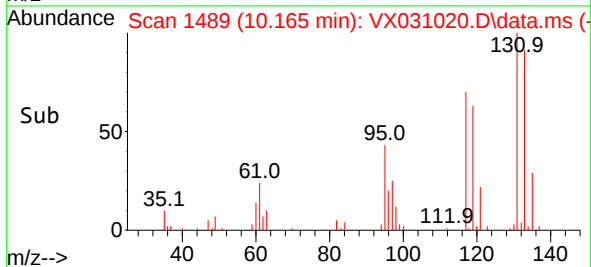
Reviewed By :John Carbone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

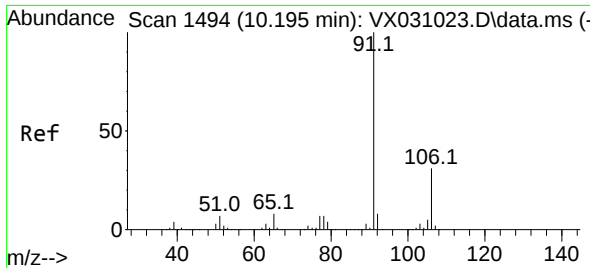


#66
1,1,1,2-Tetrachloroethane
Concen: 4.878 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23



Tgt Ion:131 Resp: 12378
Ion Ratio Lower Upper
131 100
133 93.9 46.9 140.8
119 68.3 34.4 103.1





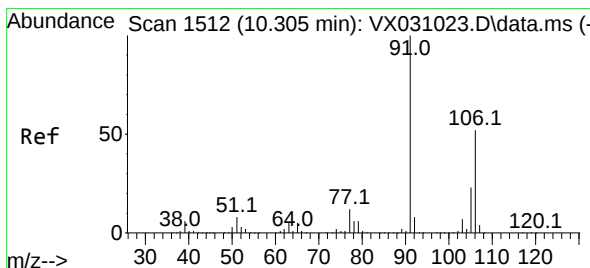
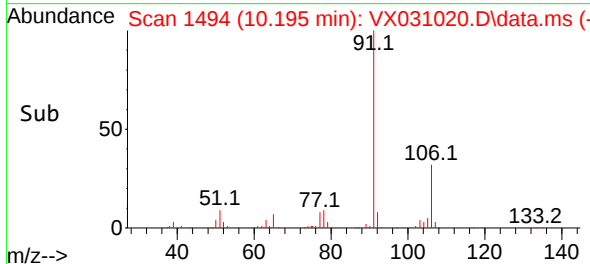
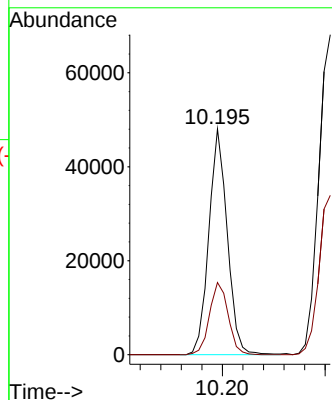
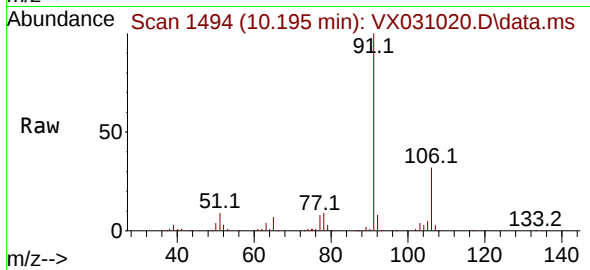
#67
Ethyl Benzene
Concen: 4.708 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 59800
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3

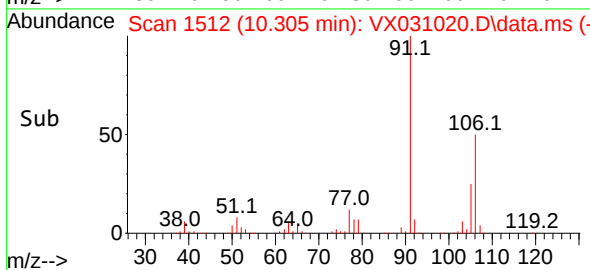
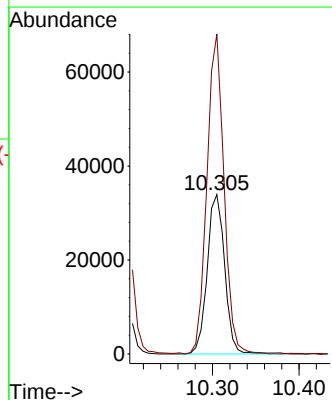
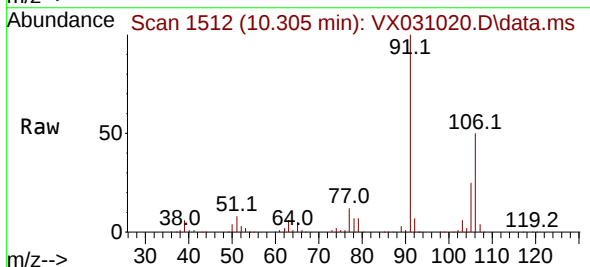
Manual Integrations
APPROVED

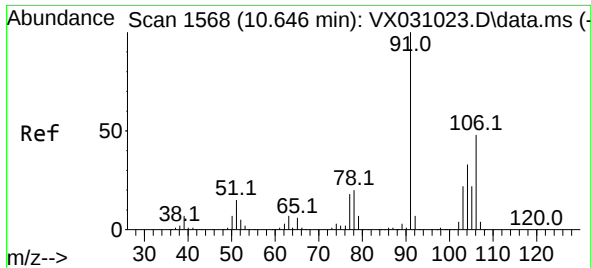
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#68
m/p-Xylenes
Concen: 9.834 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Tgt Ion:106 Resp: 47317
Ion Ratio Lower Upper
106 100
91 197.5 158.2 237.4





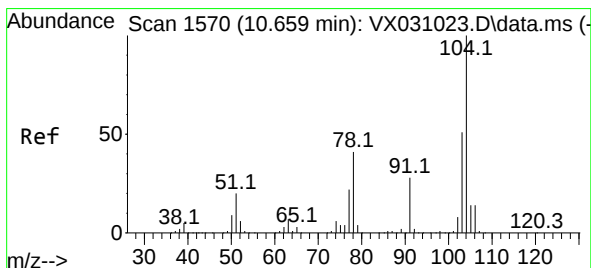
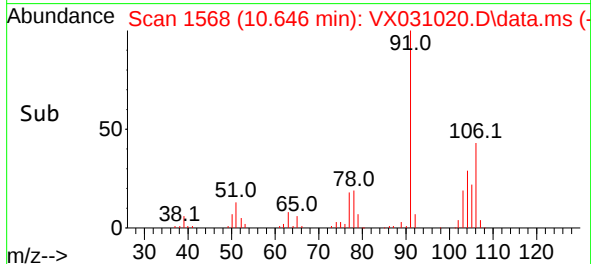
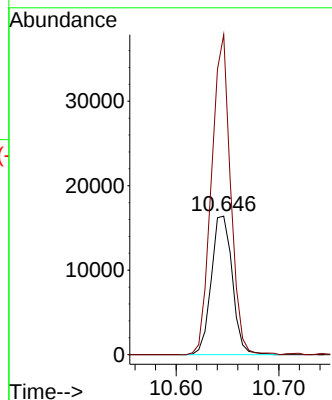
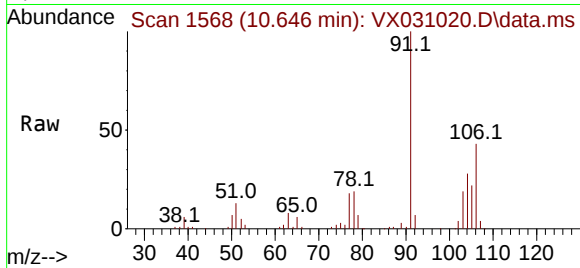
#69
o-Xylene
Concen: 4.931 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 2322
Ion Ratio Lower Upper
106 100
91 210.3 103.8 311.6

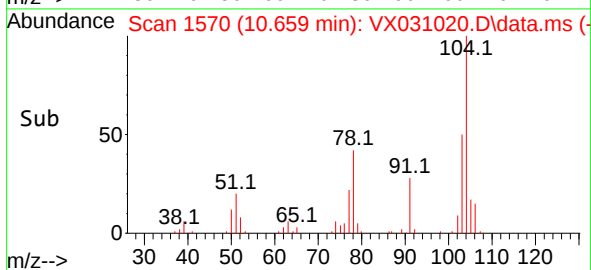
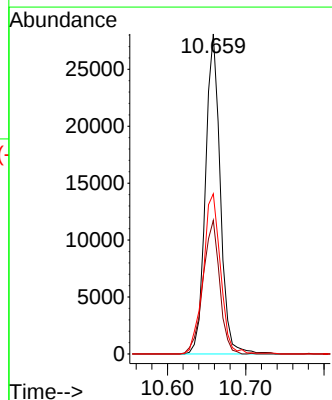
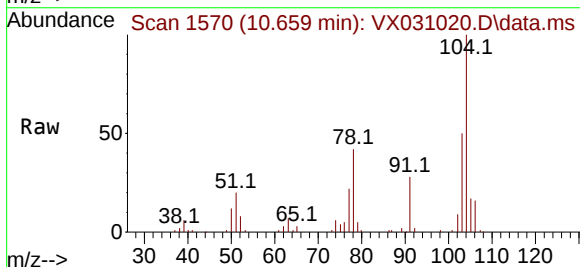
Manual Integrations
APPROVED

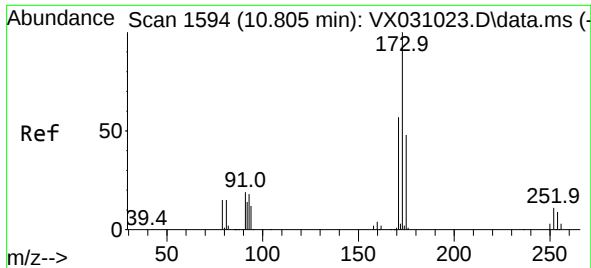
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#70
Styrene
Concen: 4.622 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

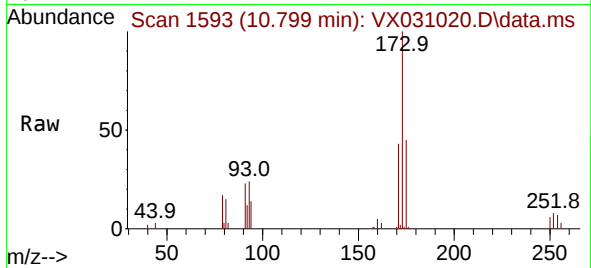
Tgt Ion:104 Resp: 36742
Ion Ratio Lower Upper
104 100
78 46.9 37.8 56.8
103 58.7 44.5 66.7





#71
Bromoform
Concen: 4.847 ug/l
RT: 10.799 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

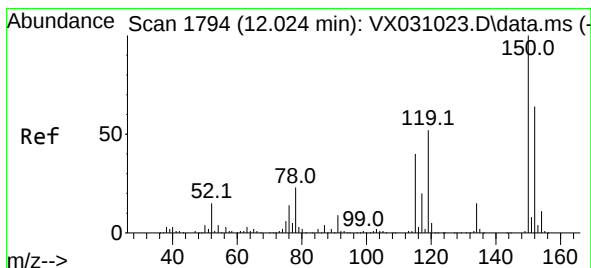
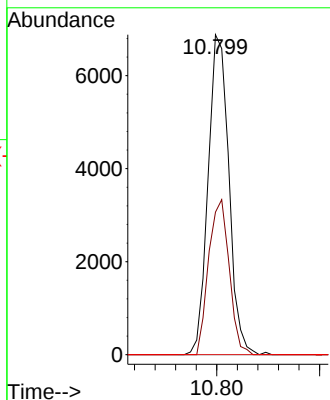
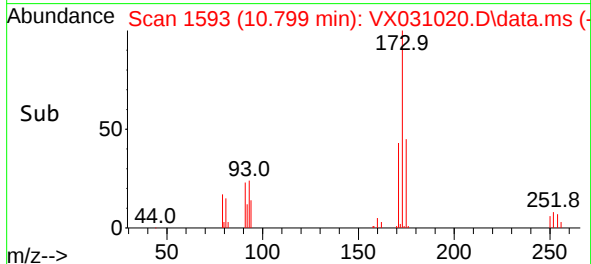
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:173 Resp: 965
Ion Ratio Lower Upper
173 100
175 47.9 23.8 71.2
254 0.0 0.1 0.1

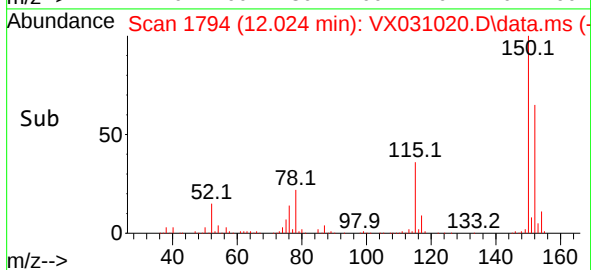
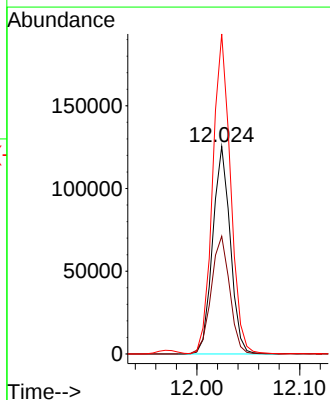
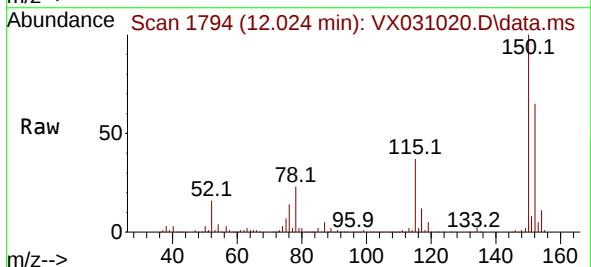
Manual Integrations
APPROVED

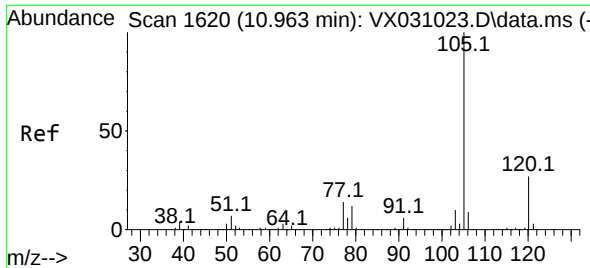
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

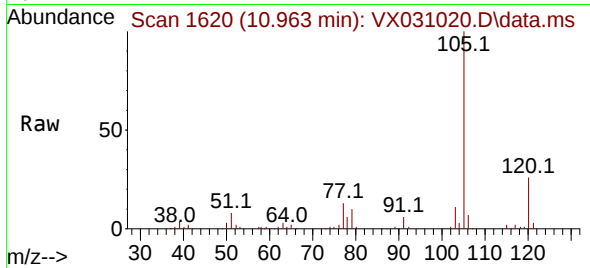
Tgt Ion:152 Resp: 148480
Ion Ratio Lower Upper
152 100
115 59.9 40.5 121.5
150 156.4 0.0 347.0





#73
Isopropylbenzene
Concen: 5.126 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

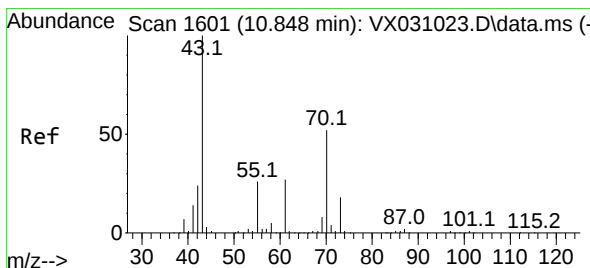
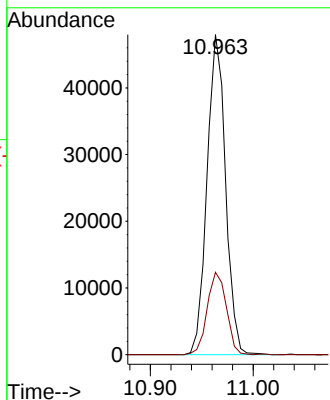
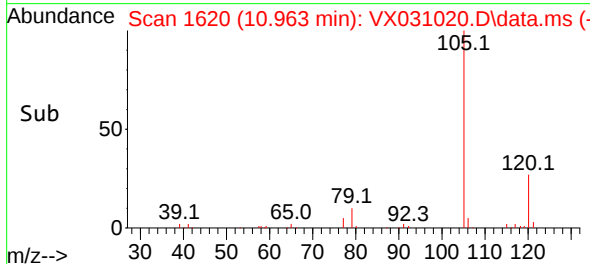
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



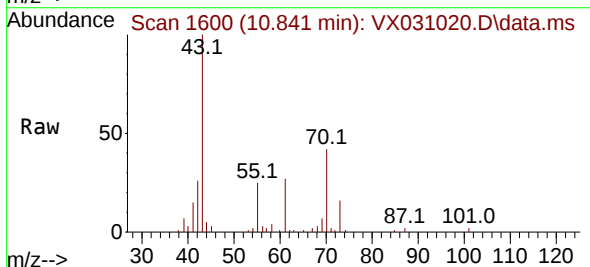
Tgt Ion:105 Resp: 60220
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4

Manual Integrations
APPROVED

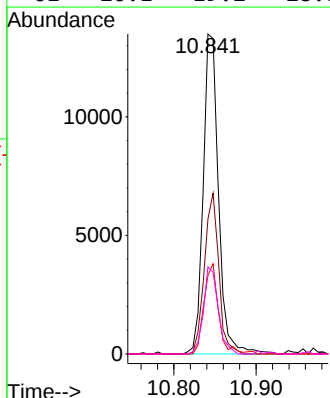
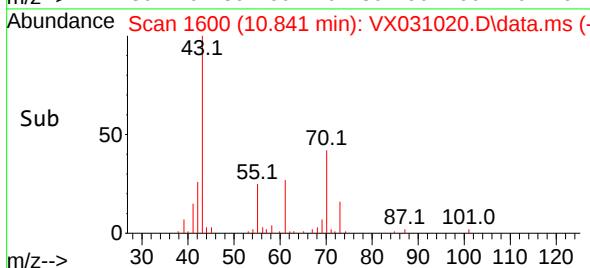
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

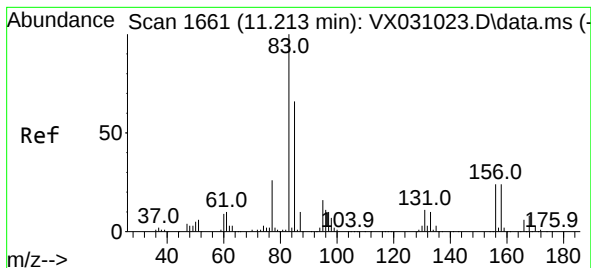


#74
N-ethyl acetate
Concen: 3.854 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.007 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23



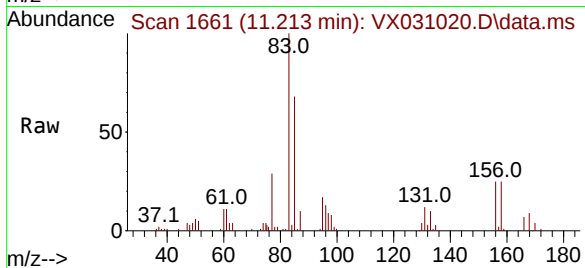
Tgt Ion: 43 Resp: 17504
Ion Ratio Lower Upper
43 100
70 46.9 32.3 48.5
55 26.7 18.4 27.6
61 26.1 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 4.639 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

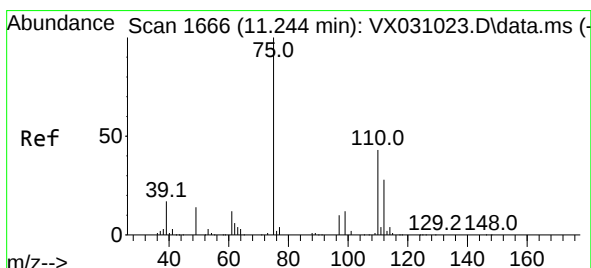
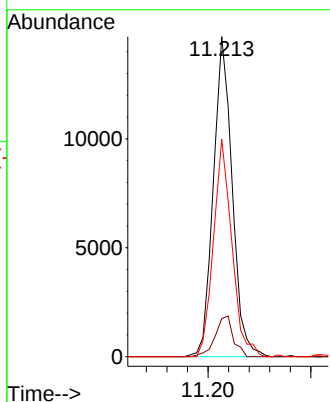
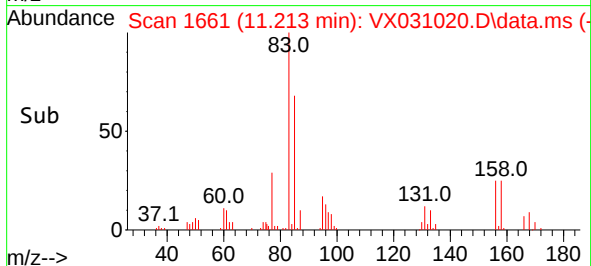
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



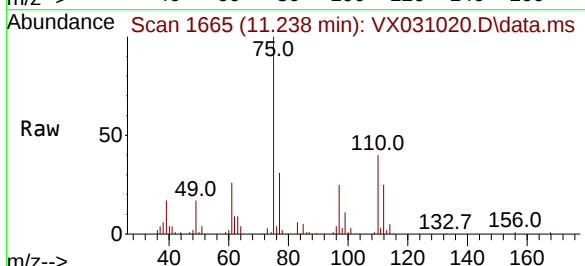
Tgt Ion: 83 Resp: 1866
Ion Ratio Lower Upper
83 100
131 12.1 4.5 13.7
85 66.3 32.5 97.5

Manual Integrations
APPROVED

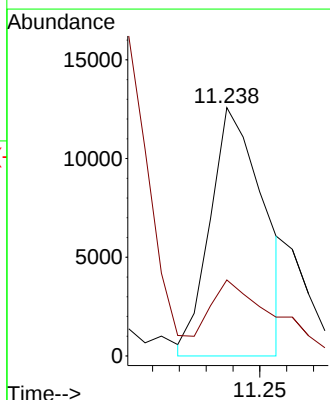
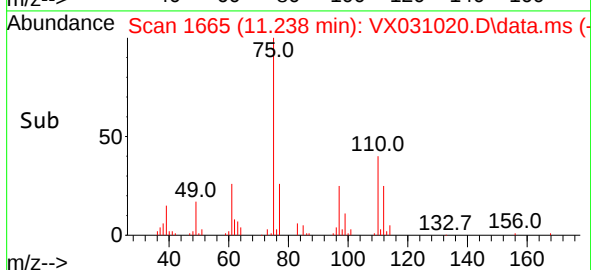
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

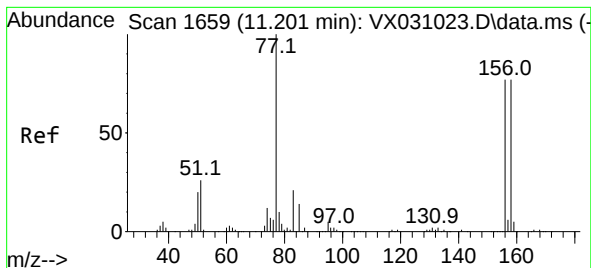


#76
1,2,3-Trichloropropane
Concen: 4.723 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23



Tgt Ion: 75 Resp: 17263
Ion Ratio Lower Upper
75 100
77 37.8 19.8 59.3





#77

Bromobenzene

Concen: 5.104 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

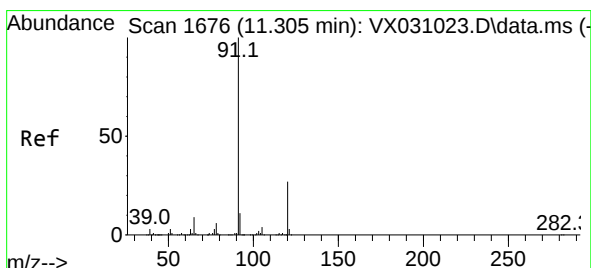
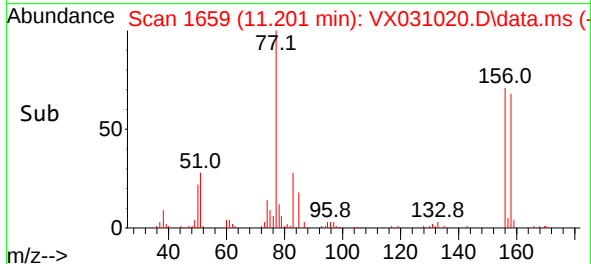
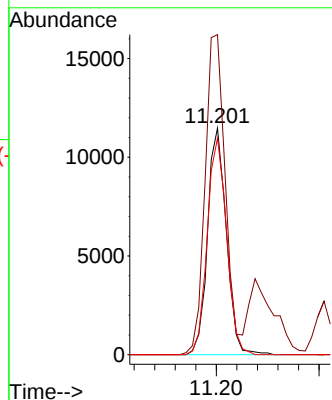
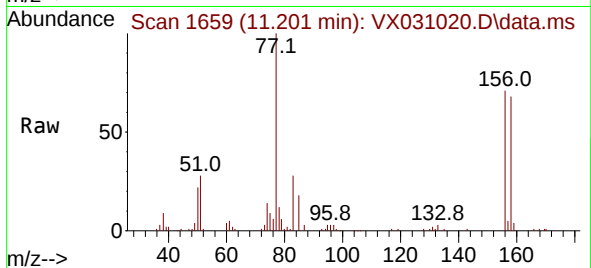
Tgt Ion:	156	Resp:	14528
Ion Ratio	Lower	Upper	
156	100		
77	152.6	82.7	247.9
158	99.0	47.5	142.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#78

n-propylbenzene

Concen: 4.877 ug/l

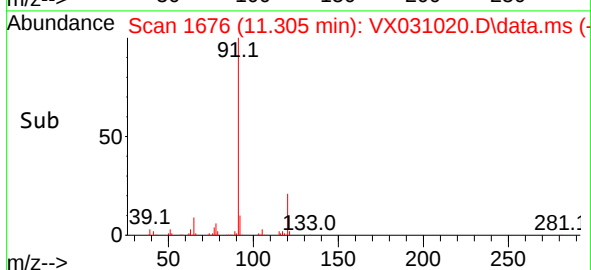
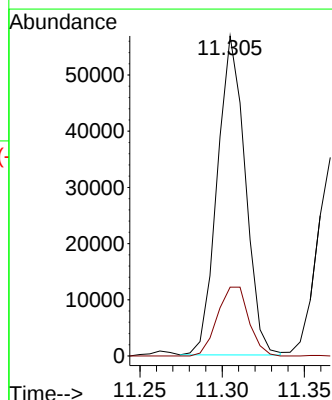
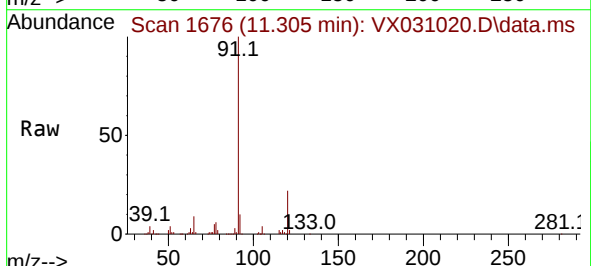
RT: 11.305 min Scan# 1676

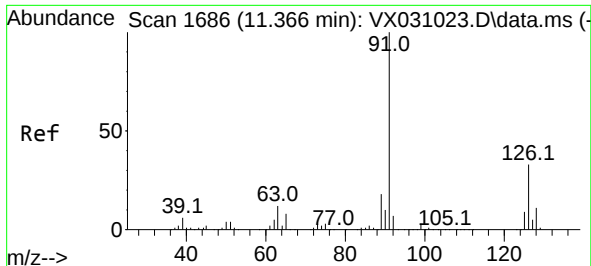
Delta R.T. -0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Tgt Ion:	91	Resp:	67139
Ion Ratio	Lower	Upper	
91	100		
120	24.3	11.6	34.8





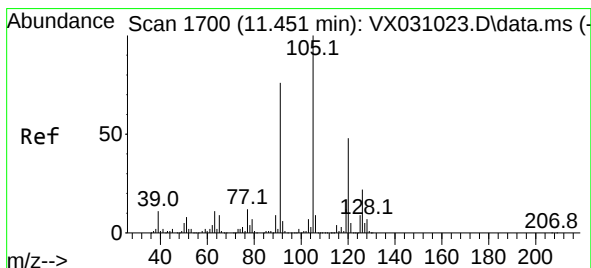
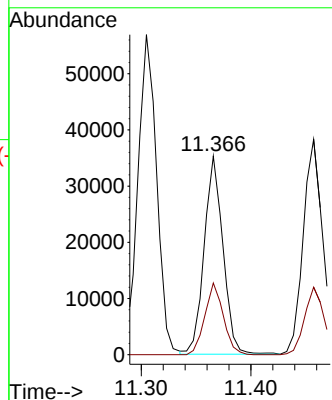
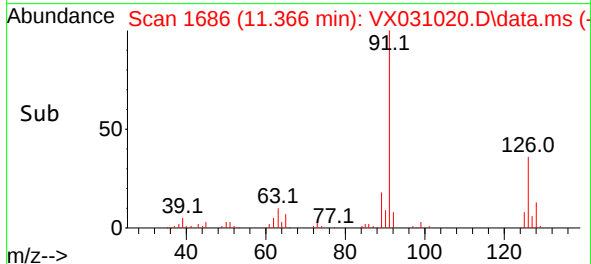
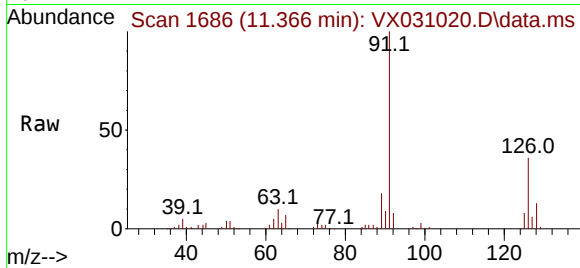
#79
2-Chlorotoluene
Concen: 4.924 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 4210
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.3

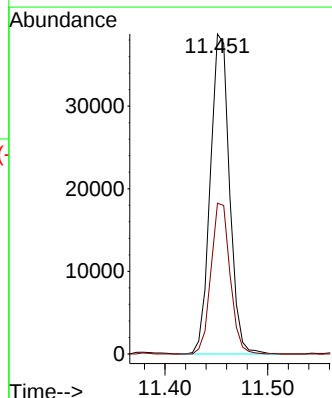
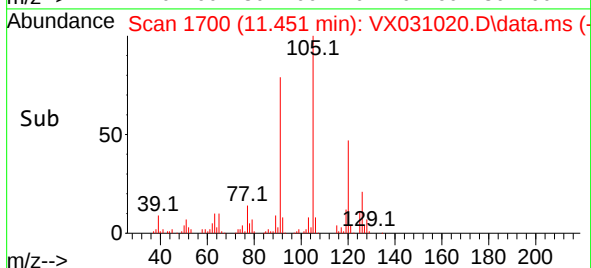
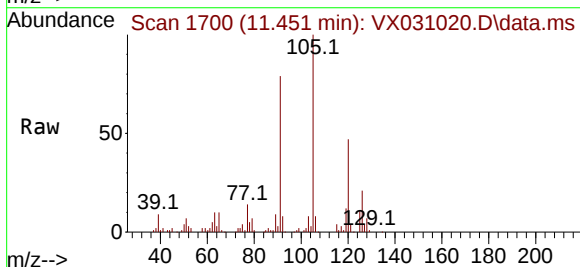
Manual Integrations
APPROVED

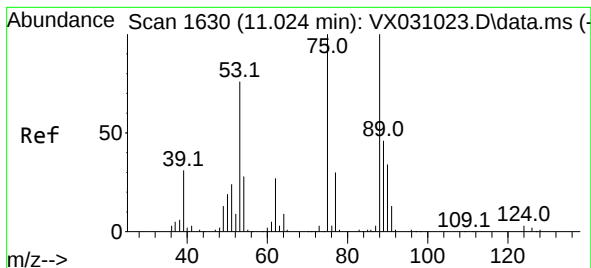
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.084 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Tgt Ion:105 Resp: 50324
Ion Ratio Lower Upper
105 100
120 46.8 24.4 73.2





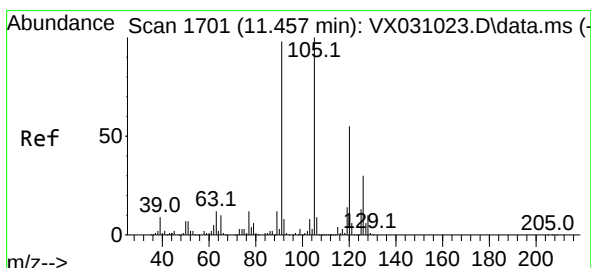
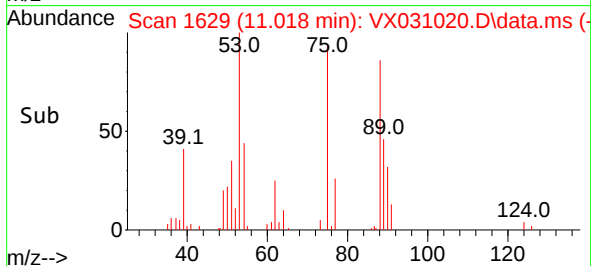
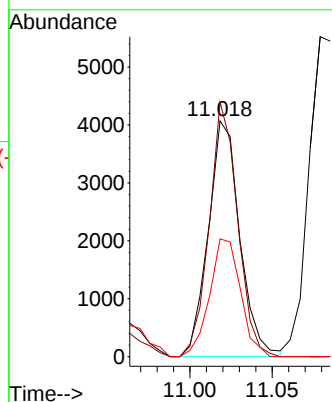
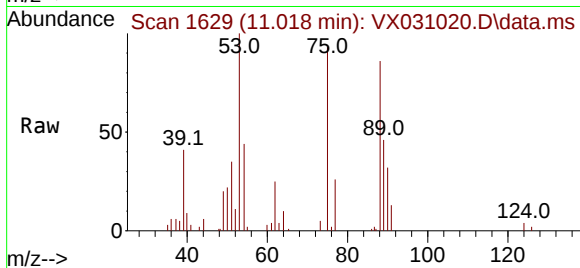
#81
trans-1,4-Dichloro-2-butene
Concen: 4.412 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 5424
Ion Ratio Lower Upper
75 100
53 96.7 74.2 111.4
89 49.1 34.8 52.2

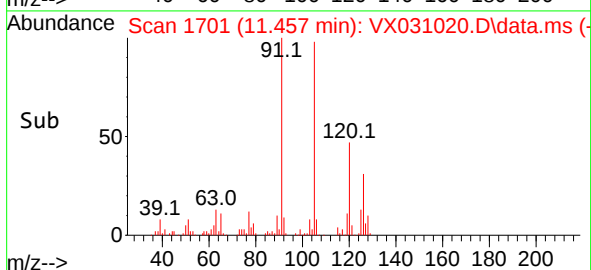
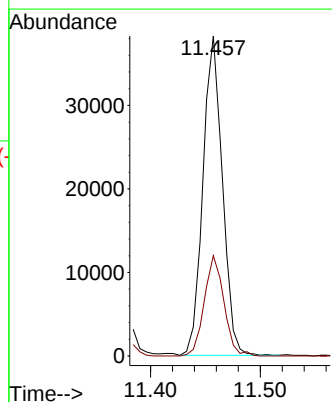
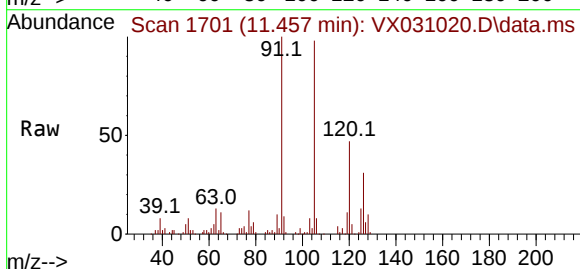
Manual Integrations
APPROVED

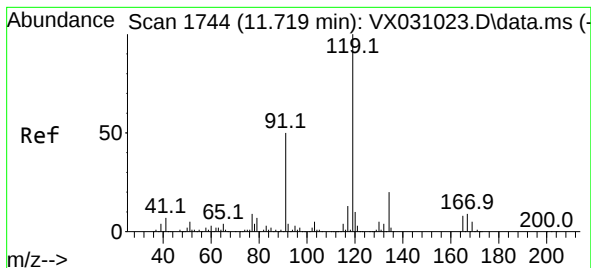
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#82
4-Chlorotoluene
Concen: 4.928 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Tgt Ion: 91 Resp: 47105
Ion Ratio Lower Upper
91 100
126 31.7 15.3 45.9





#83

tert-Butylbenzene

Concen: 4.899 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

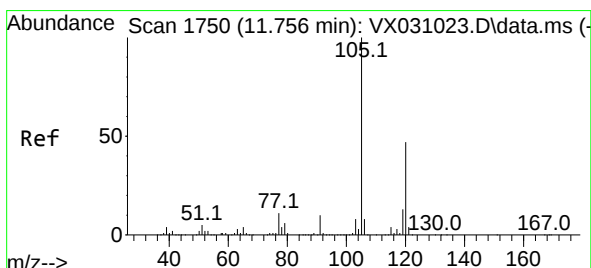
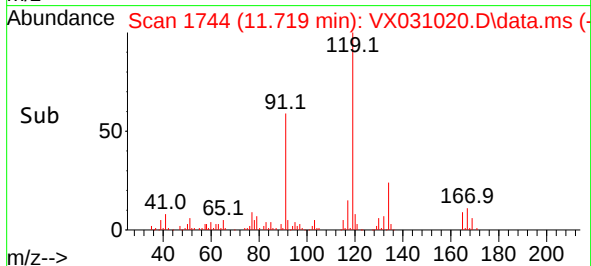
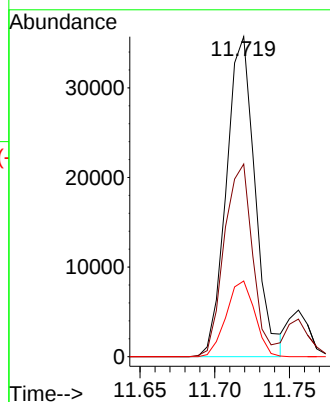
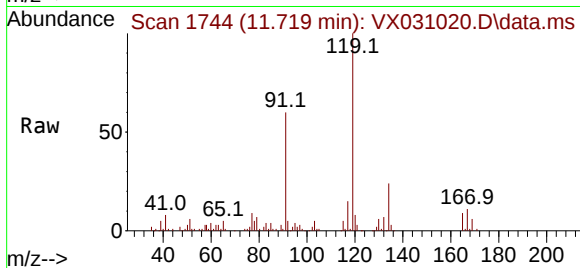
Tgt Ion:	119	Resp:	47604
Ion Ratio	Lower	Upper	
119	100		
91	59.5	28.3	84.9
134	23.6	11.2	33.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#84

1,2,4-Trimethylbenzene

Concen: 5.023 ug/l

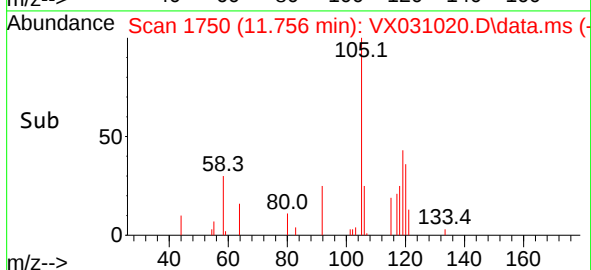
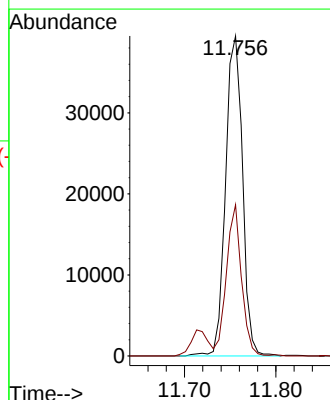
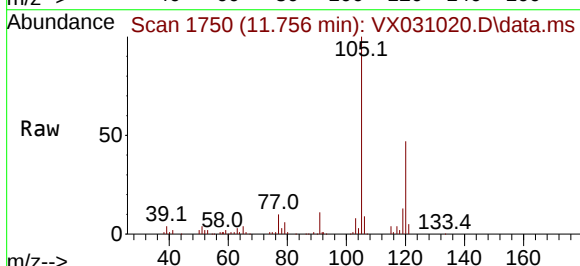
RT: 11.756 min Scan# 1750

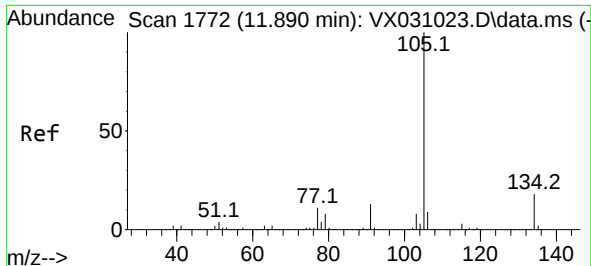
Delta R.T. -0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

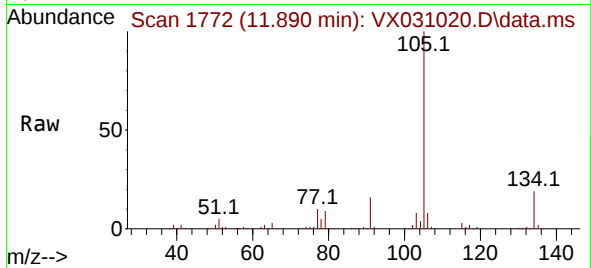
Tgt Ion:	105	Resp:	50896
Ion Ratio	Lower	Upper	
105	100		
120	41.7	22.9	68.8





#85
 sec-Butylbenzene
 Concen: 5.303 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX031020.D
 Acq: 01 Sep 2022 11:23

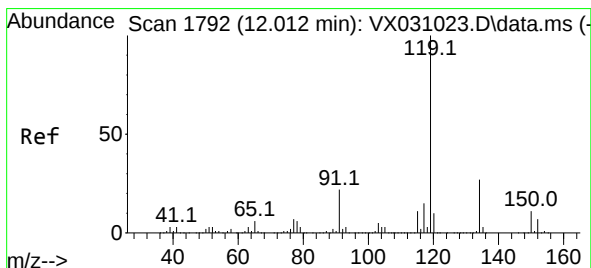
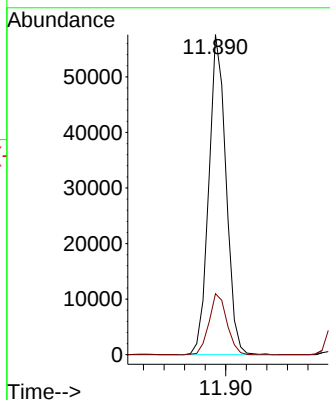
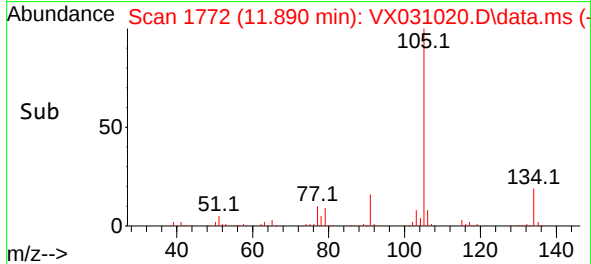
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



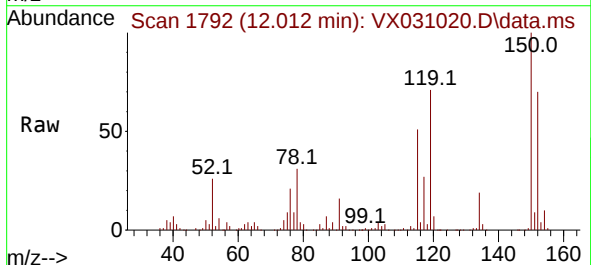
Tgt Ion:105 Resp: 6687
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0

Manual Integrations
 APPROVED

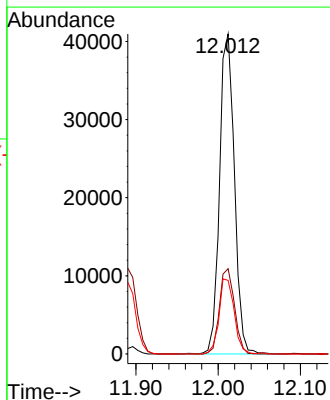
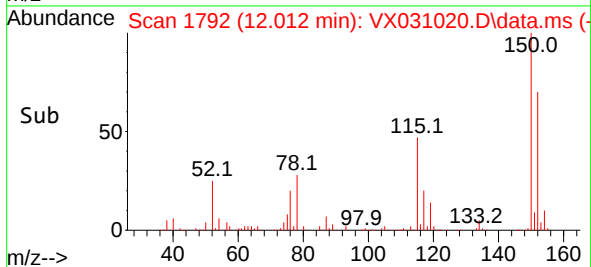
Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

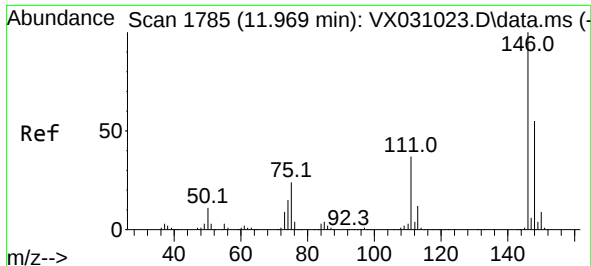


#86
 p-Isopropyltoluene
 Concen: 4.907 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031020.D
 Acq: 01 Sep 2022 11:23



Tgt Ion:119 Resp: 51335
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.9 41.6
 91 23.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 5.358 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

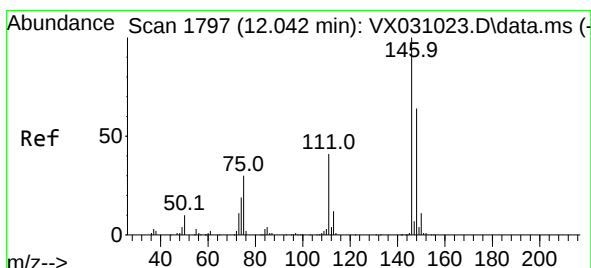
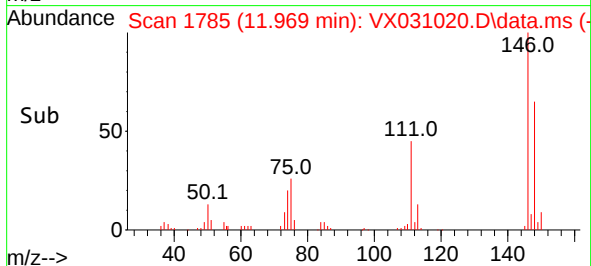
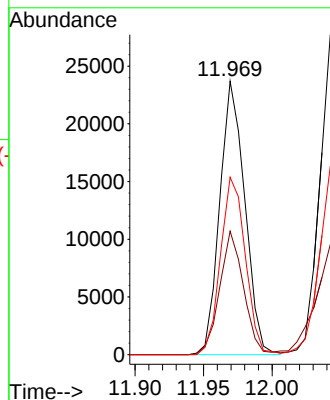
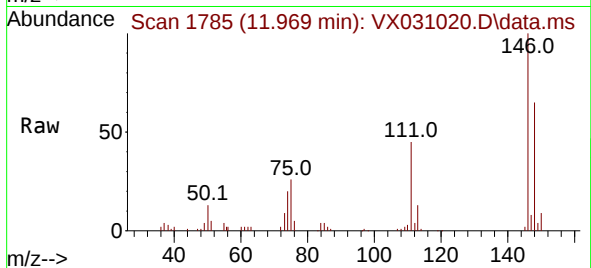
Tgt Ion:146	Resp:	30074
Ion Ratio	Lower	Upper
146	100	
111	43.1	20.3 60.8
148	64.5	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#88

1,4-Dichlorobenzene

Concen: 5.454 ug/l

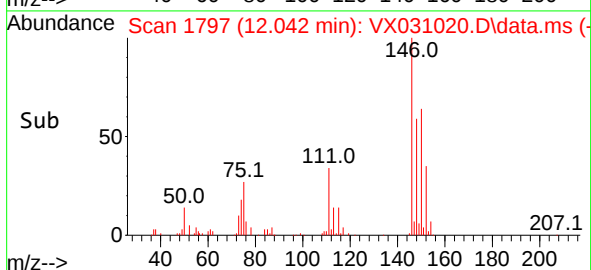
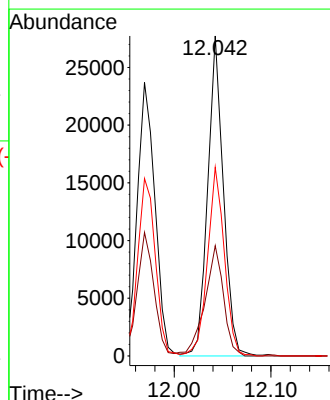
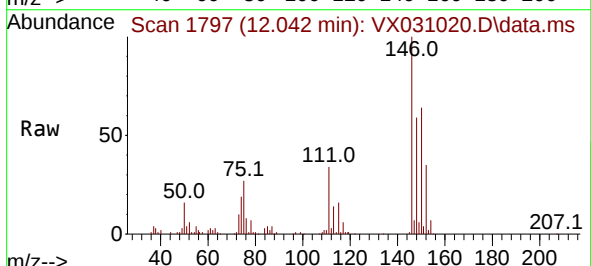
RT: 12.042 min Scan# 1797

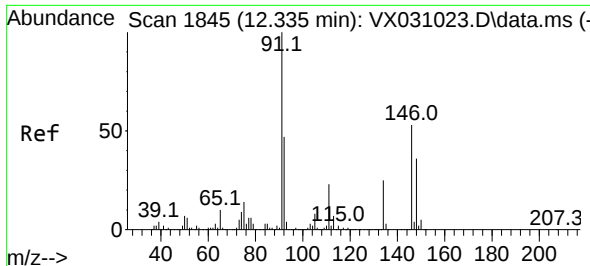
Delta R.T. -0.001 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Tgt Ion:146	Resp:	31388
Ion Ratio	Lower	Upper
146	100	
111	41.1	20.3 60.9
148	63.2	32.3 96.8





#89

n-Butylbenzene

Concen: 4.400 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

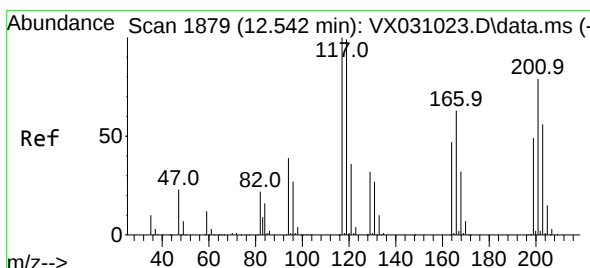
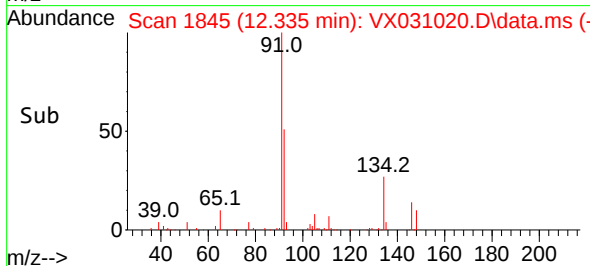
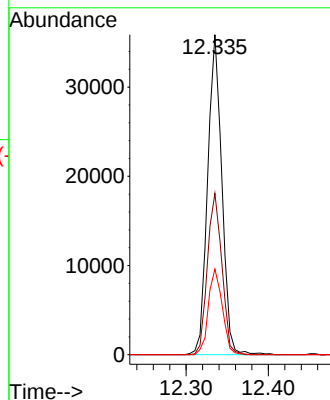
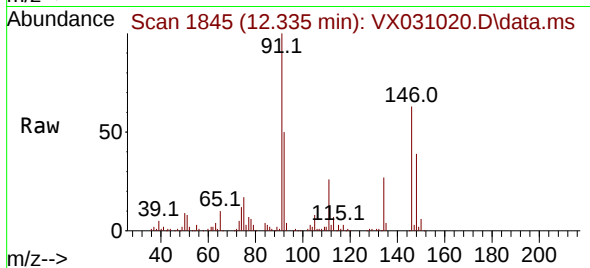
Tgt Ion:	91	Resp:	4308
Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.2	78.5
134	26.3	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#90

Hexachloroethane

Concen: 4.539 ug/l

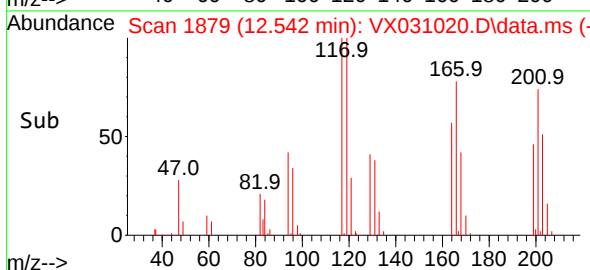
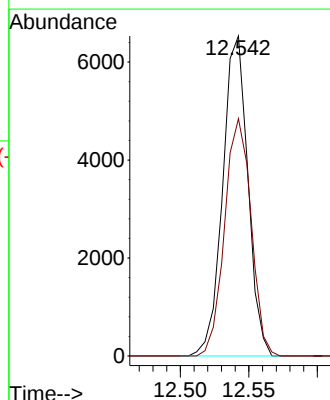
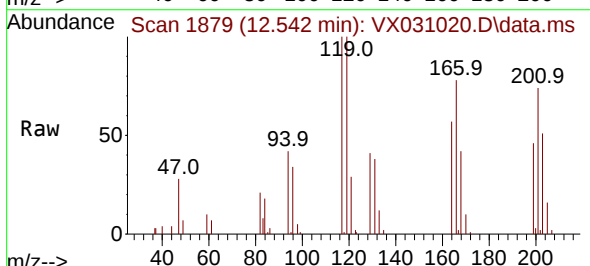
RT: 12.542 min Scan# 1879

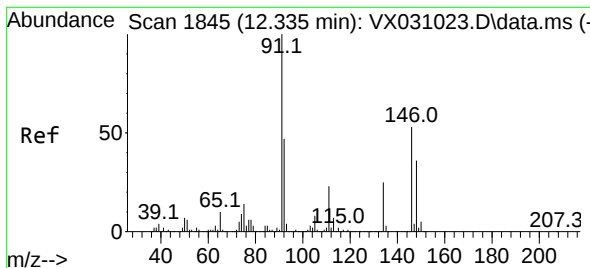
Delta R.T. 0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Tgt Ion:	117	Resp:	8338
Ion	Ratio	Lower	Upper
117	100		
201	78.0	34.2	102.5





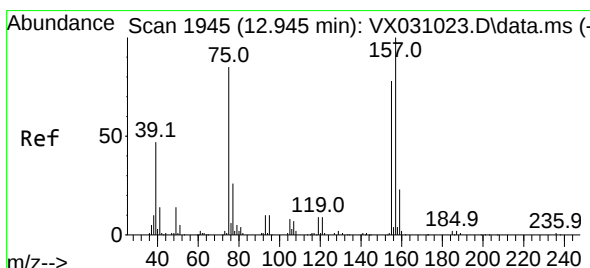
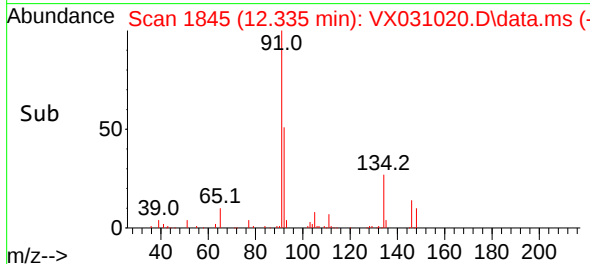
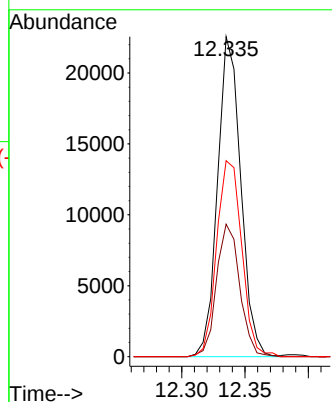
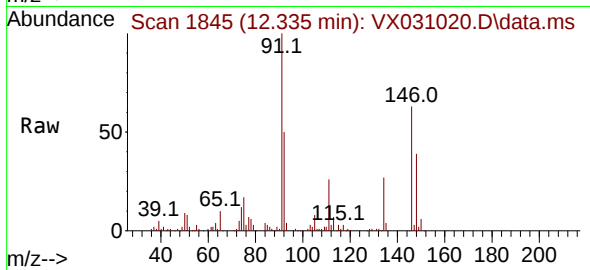
#91
1,2-Dichlorobenzene
Concen: 5.051 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 2875
Ion Ratio Lower Upper
146 100
111 41.5 20.7 62.1
148 66.2 32.0 96.2

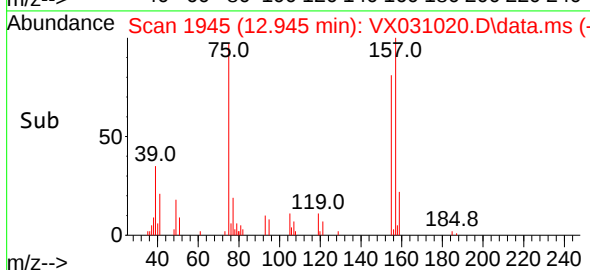
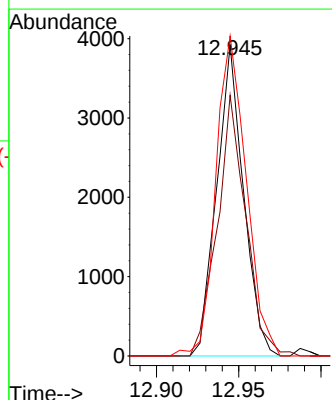
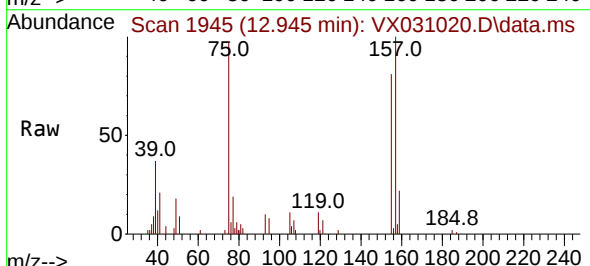
Manual Integrations
APPROVED

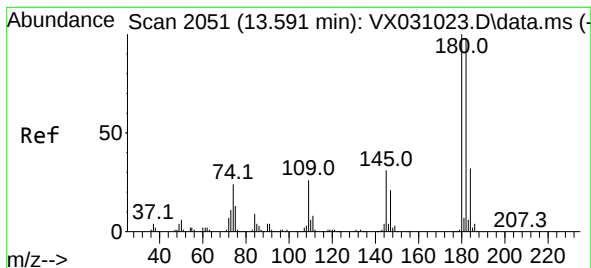
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.432 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031020.D
Acq: 01 Sep 2022 11:23

Tgt Ion: 75 Resp: 4449
Ion Ratio Lower Upper
75 100
155 89.0 45.0 134.8
157 116.5 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 5.203 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

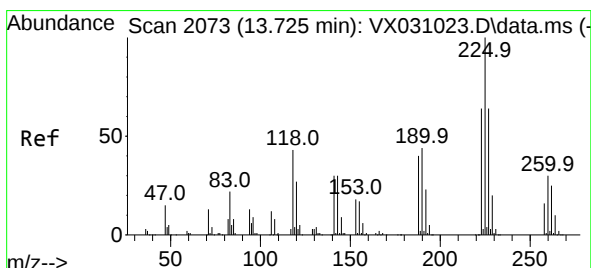
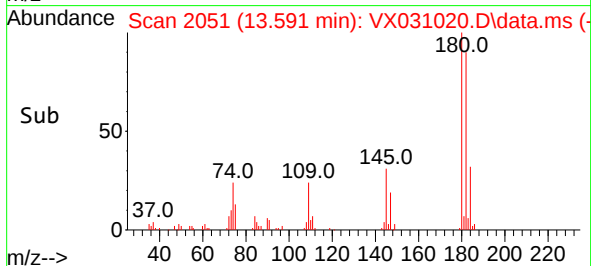
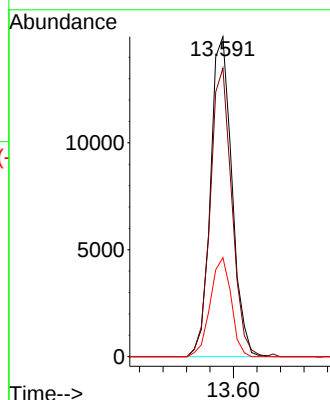
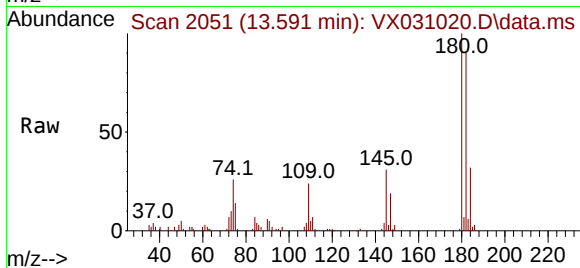
Tgt Ion:180	Resp:	1893
Ion Ratio	Lower	Upper
180	100	
182	90.4	48.2 144.6
145	30.2	15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#94

Hexachlorobutadiene

Concen: 5.150 ug/l

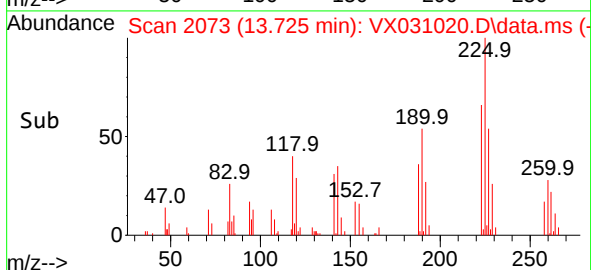
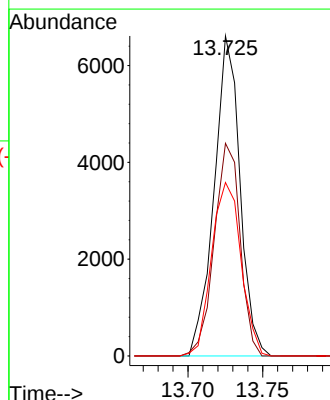
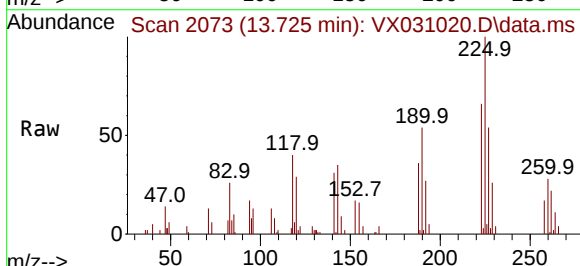
RT: 13.725 min Scan# 2073

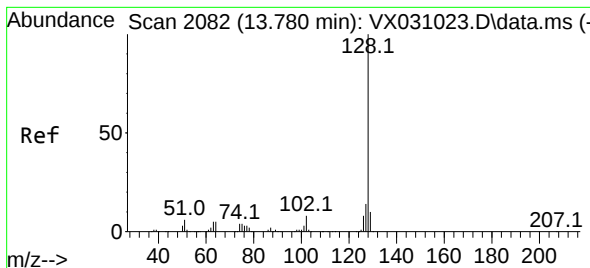
Delta R.T. 0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Tgt Ion:225	Resp:	7959
Ion Ratio	Lower	Upper
225	100	
223	66.3	30.6 91.6
227	61.6	31.9 95.9





#95

Naphthalene

Concen: 4.764 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

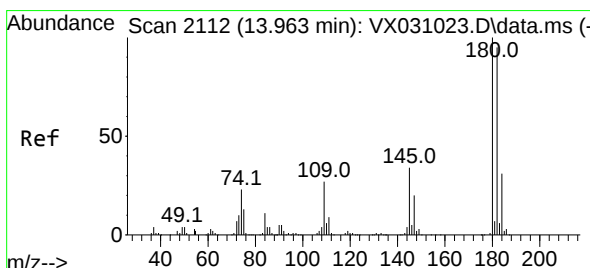
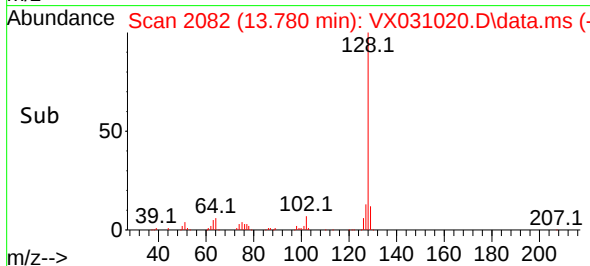
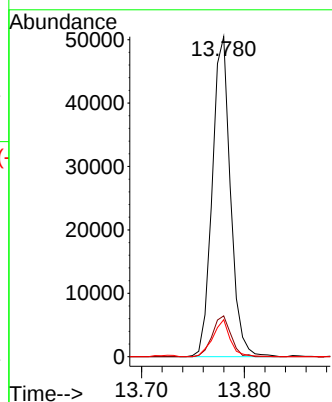
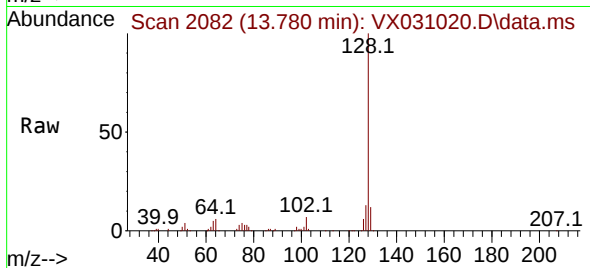
Tgt Ion:	128	Resp:	62008
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#96

1,2,3-Trichlorobenzene

Concen: 5.301 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX031020.D

Acq: 01 Sep 2022 11:23

Tgt Ion:	180	Resp:	19479
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.0	141.0
145	29.6	17.0	50.9

