

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039020.D
 Acq On : 24 Nov 2023 13:15
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 27 03:10:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:05:03 2023
 Response via : Initial Calibration

11/27/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	4.898	128	10166	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	80725	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	100017	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44963	32.329	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.767%	
60) 4-Bromofluorobenzene	11.079	95	64647	29.593	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.633%	
63) Toluene-d8	8.647	98	121103	30.625	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.100%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	8145	5.353	ug/l	95
3) Chloromethane	1.295	50	10079	5.785	ug/l	92
4) Vinyl Chloride	1.374	62	10036	5.706	ug/l	89
5) Bromomethane	1.605	94	6299	5.855	ug/l	89
6) Chloroethane	1.685	64	5535	5.236	ug/l	92
7) Trichlorofluoromethane	1.886	101	13669	5.631	ug/l	93
8) Diethyl Ether	2.130	74	5186	5.565	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	7685	5.602	ug/l	98
10) 1,1-Dichloroethene	2.319	96	7755	5.608	ug/l	92
11) Methyl Iodide	2.453	142	8665	5.718	ug/l	95
12) Methyl Acetate	2.703	43	25069	5.813	ug/l	97
13) Acrolein	2.233	56	12033	31.849	ug/l	99
14) Acrylonitrile	3.063	53	30227	28.656	ug/l	98
15) Acetone	2.374	58	12092	31.537	ug/l	78
16) Carbon Disulfide	2.514	76	24556	5.863	ug/l	97
17) Allyl chloride	2.666	41	15255	5.557	ug/l	97
18) Methylene Chloride	2.788	84	9558	5.831	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	8763	5.603	ug/l	91
20) Diisopropyl ether	3.758	45	29208	5.591	ug/l	92
21) 1,1-Dichloroethane	3.611	63	16397	5.645	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	10155	5.603	ug/l	99
23) tert-Butyl Alcohol	2.953	59	18853	32.284	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	28658	5.626	ug/l	96
25) Chloroform	5.087	83	16086	5.518	ug/l	94
26) Cyclohexane	5.471	56	14611	5.558	ug/l #	8
29) 1,1-Dichloropropene	5.690	75	12551	5.546	ug/l	98
30) 2-Butanone	4.556	43	50551	29.670	ug/l #	97
31) 2,2-Dichloropropane	4.471	77	13833	5.346	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	13618	5.207	ug/l	98
33) Carbon Tetrachloride	5.678	117	10945	4.968	ug/l	96
34) Benzene	6.032	78	36437	5.527	ug/l	95
35) Methacrylonitrile	4.922	41	7998	5.300	ug/l	93
36) 1,2-Dichloroethane	6.086	62	13651	5.644	ug/l	98
37) Trichloroethene	7.129	130	9070	5.421	ug/l	91
38) Methylcyclohexane	7.379	83	14932	5.296	ug/l	96
39) 1,2-Dichloropropane	7.434	63	9594	5.518	ug/l	98
40) Dibromomethane	7.586	93	6729	5.478	ug/l	95
41) Bromodichloromethane	7.824	83	12289	5.208	ug/l	99
42) Vinyl Acetate	3.721	43	109465	26.975	ug/l	100

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

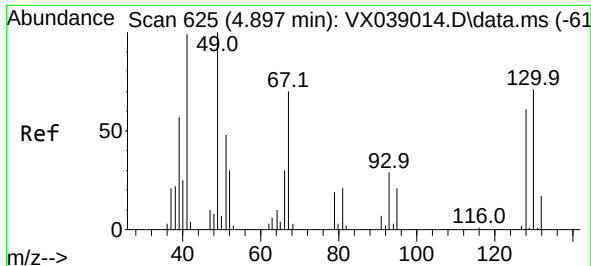
Reviewed By :John
 Carlone

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
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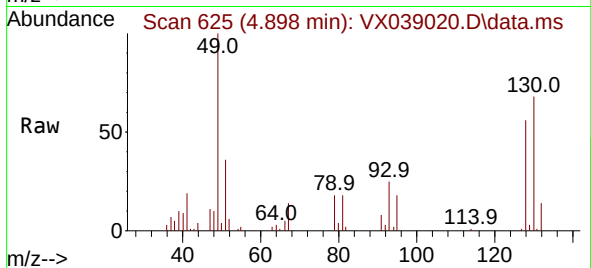
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	16021	5.466	ug/l	# 85
44) Isopropyl Acetate	6.336	43	24992	5.409	ug/l	98
45) 1,4-Dioxane	7.659	88	5096	108.031	ug/l	95
46) Methyl methacrylate	7.696	41	14411	5.455	ug/l	97
47) n-amyl Acetate	10.842	43	18863	4.823	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	14299	5.226	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	14593	5.170	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	8811	5.280	ug/l	98
51) Ethyl methacrylate	9.116	69	10545	5.048	ug/l	96
52) 1,3-Dichloropropane	9.305	76	15695	5.485	ug/l	98
53) Dibromochloromethane	9.519	129	9142	5.101	ug/l	99
54) 1,2-Dibromoethane	9.610	107	9696	5.299	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	33740	25.498	ug/l	99
56) Bromoform	10.799	173	6117	4.729	ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	83460	27.517	ug/l	99
59) 2-Hexanone	9.427	43	68445	27.492	ug/l	99
61) Tetrachloroethene	9.269	164	7170	5.514	ug/l	94
62) Toluene	8.720	91	38251	5.387	ug/l	100
64) Chlorobenzene	10.080	112	23654	5.476	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	7933	5.100	ug/l	99
66) Ethyl Benzene	10.195	91	44186	5.465	ug/l	99
67) m/p-Xylenes	10.299	106	31898	10.676	ug/l	100
68) o-Xylene	10.640	106	15348	5.303	ug/l	100
69) Styrene	10.659	104	21995	5.135	ug/l	100
70) Isopropylbenzene	10.964	105	40747	5.262	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	15600	5.396	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	12923m	3.890	ug/l	
73) Bromobenzene	11.195	156	9462	5.367	ug/l	98
74) n-propylbenzene	11.305	91	49576	5.225	ug/l	100
75) 2-Chlorotoluene	11.366	91	30051	5.399	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	34763	5.211	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	4459	4.600	ug/l	89
78) 4-Chlorotoluene	11.457	91	35009	5.350	ug/l	99
79) tert-butylbenzene	11.713	119	32945	5.194	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	34339	5.143	ug/l	99
81) sec-Butylbenzene	11.890	105	41736	5.205	ug/l	99
82) p-Isopropyltoluene	12.006	119	34923	5.138	ug/l	98
83) 1,3-Dichlorobenzene	11.970	146	17783	5.271	ug/l	97
84) 1,4-Dichlorobenzene	12.043	146	18620	5.379	ug/l	99
85) n-Butylbenzene	12.329	91	34371	5.121	ug/l	99
86) Hexachloroethane	12.536	117	6081	4.722	ug/l	92
87) 1,2-Dichlorobenzene	12.335	146	17371	5.354	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	3905	5.282	ug/l	92
89) 1,2,4-Trichlorobenzene	13.591	180	11107	5.164	ug/l	98
90) Hexachlorobutadiene	13.725	225	3861	5.027	ug/l	97
91) Naphthalene	13.774	128	42874	5.405	ug/l	98
92) 1,2,3-Trichlorobenzene	13.957	180	10735	5.152	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



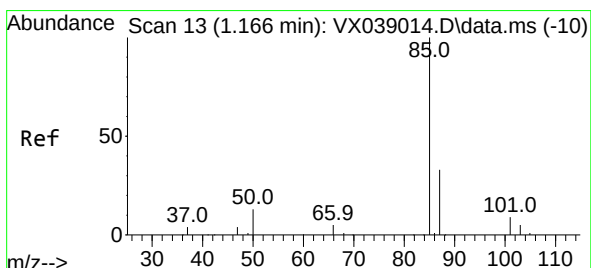
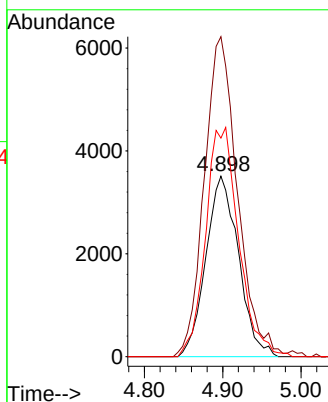
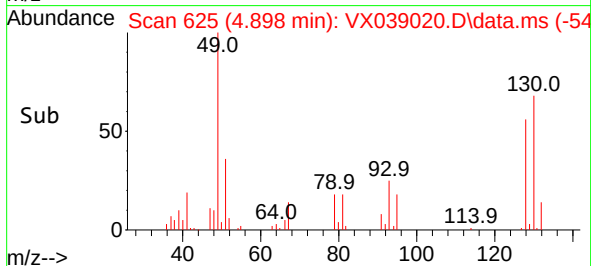
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Ion Ratio Lower Upper
128 100
49 177.0 0.0 444.0
130 128.7 0.0 297.8

Manual Integrations
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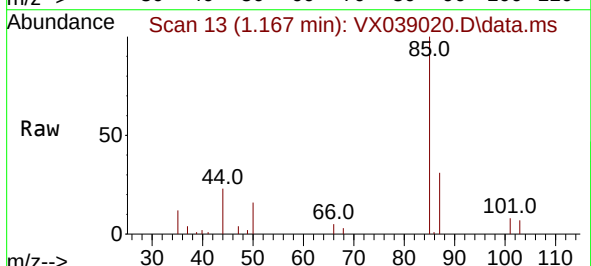
Reviewed By :John
Carlone

11/27/2023
Supervised By :Mahesh
Dadoda

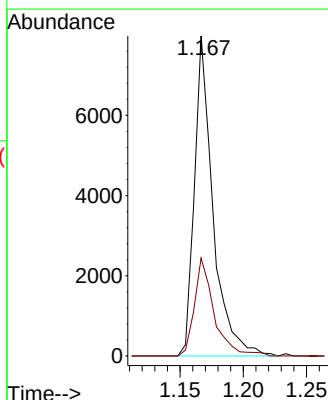
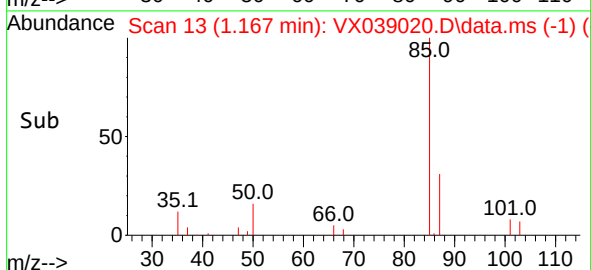
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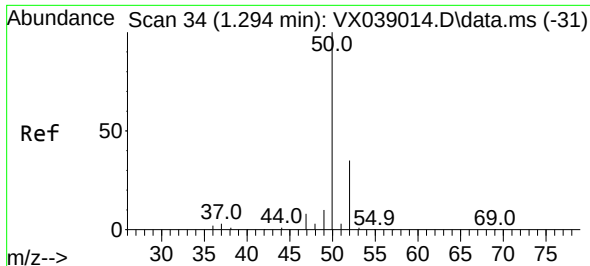


#2
Dichlorodifluoromethane
Concen: 5.353 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15



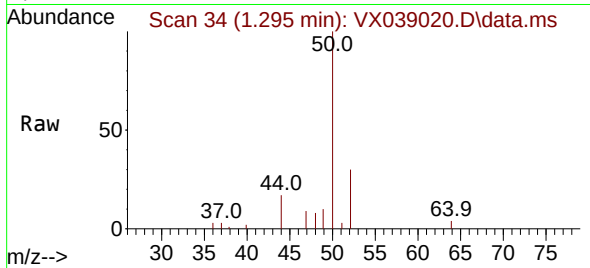
Tgt Ion: 85 Resp: 8145
Ion Ratio Lower Upper
85 100
87 30.6 16.7 50.1





#3
Chloromethane
Concen: 5.785 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



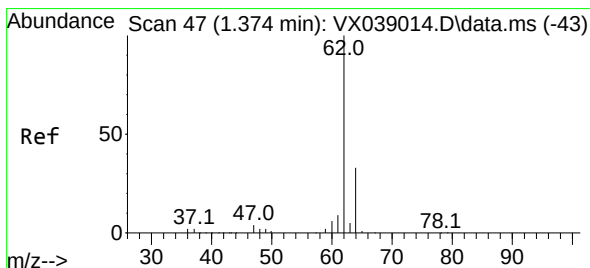
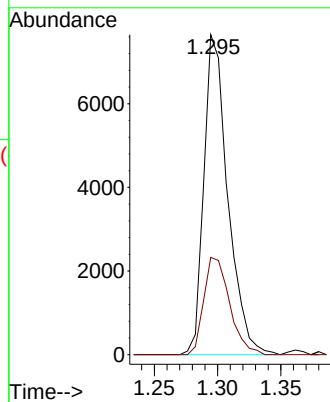
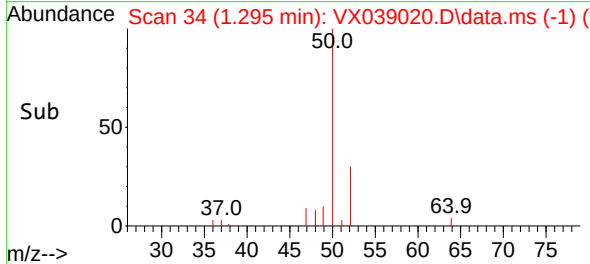
Tgt Ion: 50 Resp: 10079
Ion Ratio Lower Upper
50 100
52 30.4 27.8 41.8

Manual Integrations
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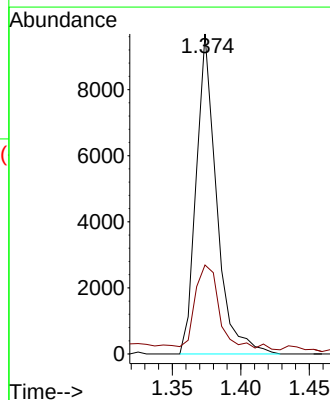
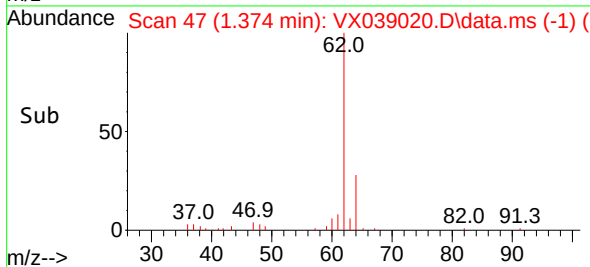
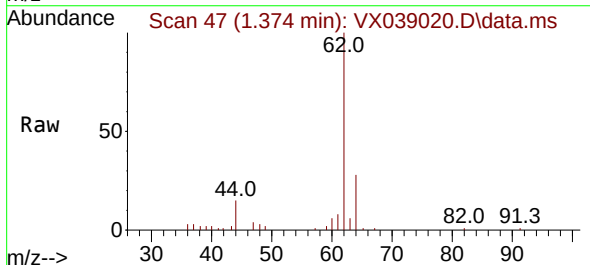
11/27/2023
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Dadoda

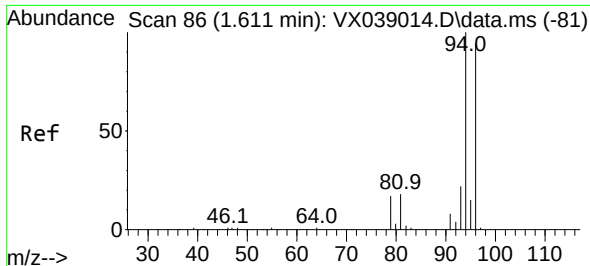
11/27/2023



#4
Vinyl Chloride
Concen: 5.706 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 62 Resp: 10036
Ion Ratio Lower Upper
62 100
64 26.5 26.3 39.5





#5
Bromomethane
Concen: 5.855 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

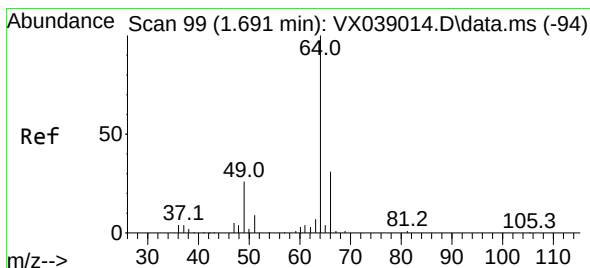
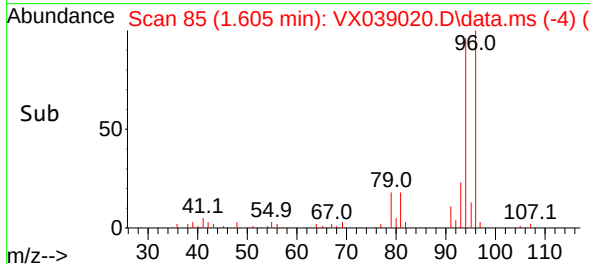
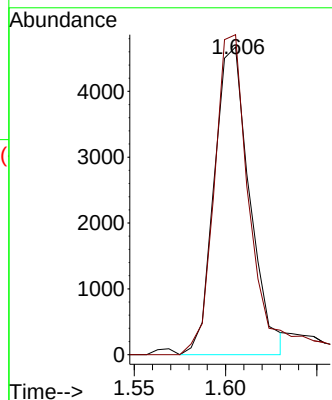
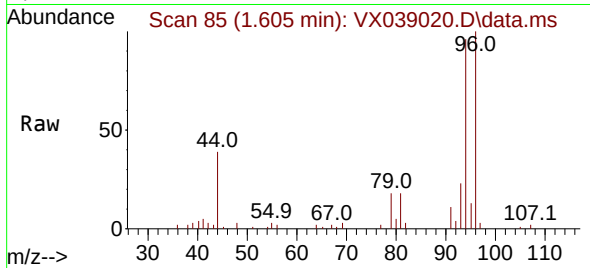
Tgt Ion: 94 Resp: 6299
Ion Ratio Lower Upper
94 100
96 104.0 74.9 112.3

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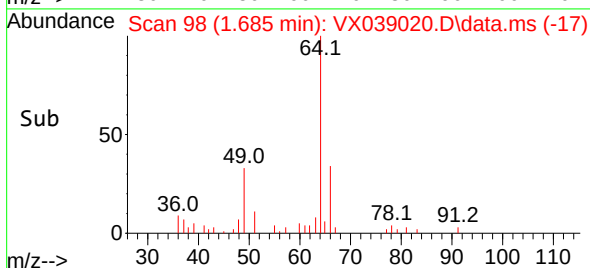
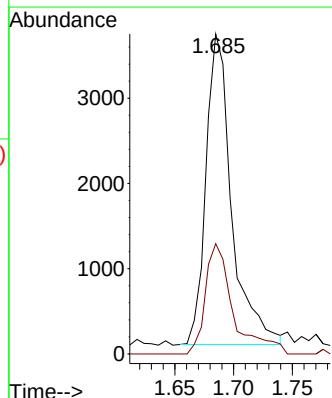
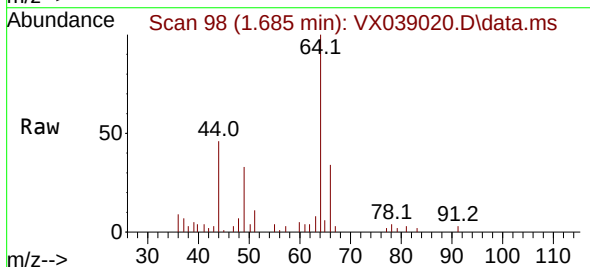
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Dadoda

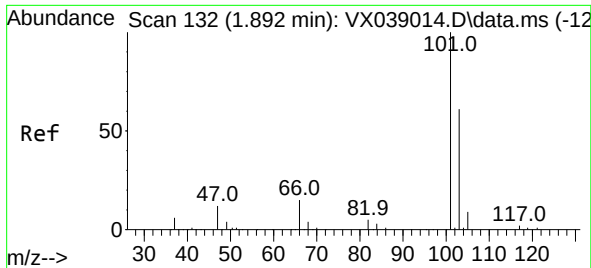
11/27/2023



#6
Chloroethane
Concen: 5.236 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 64 Resp: 5535
Ion Ratio Lower Upper
64 100
66 35.5 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 5.631 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX039020.D
 Acq: 24 Nov 2023 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

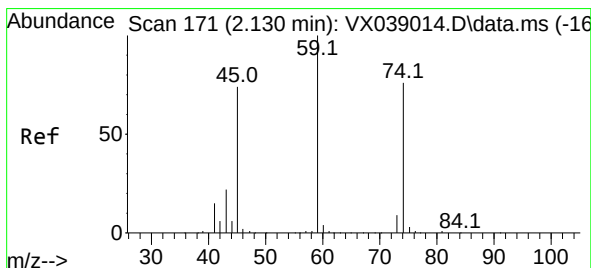
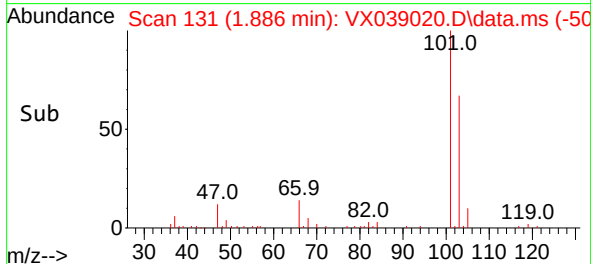
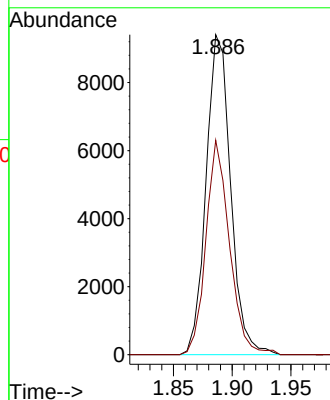
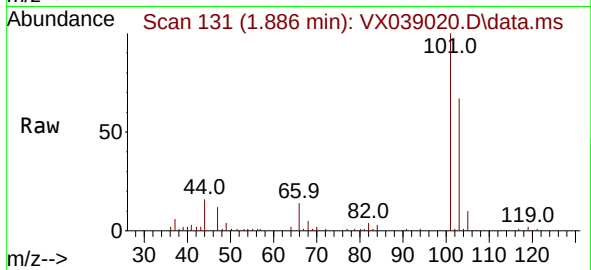
Tgt Ion:101 Resp: 1366
 Ion Ratio Lower Upper
 101 100
 103 67.0 49.1 73.7

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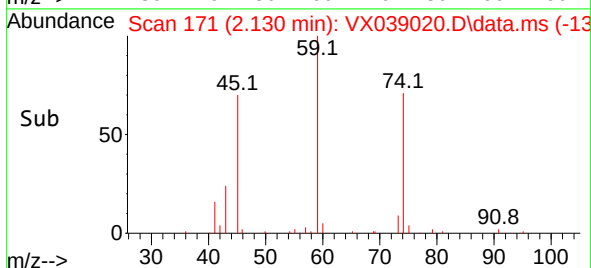
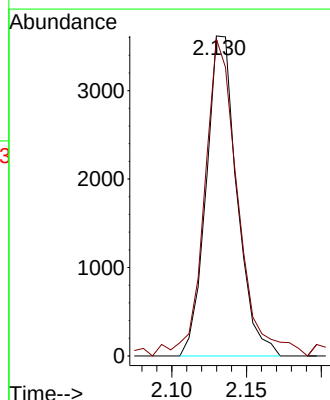
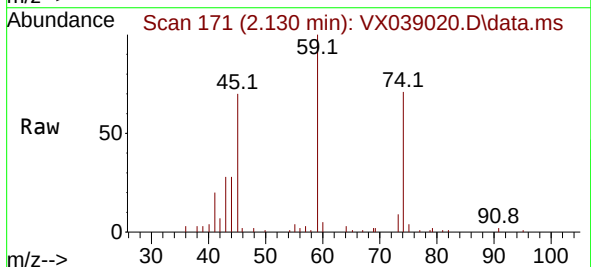
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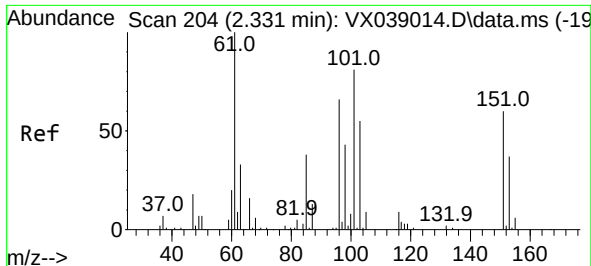
11/27/2023



#8
 Diethyl Ether
 Concen: 5.565 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX039020.D
 Acq: 24 Nov 2023 13:15

Tgt Ion: 74 Resp: 5186
 Ion Ratio Lower Upper
 74 100
 45 105.8 20.5 184.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.602 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

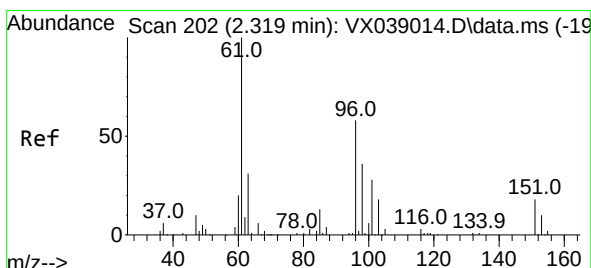
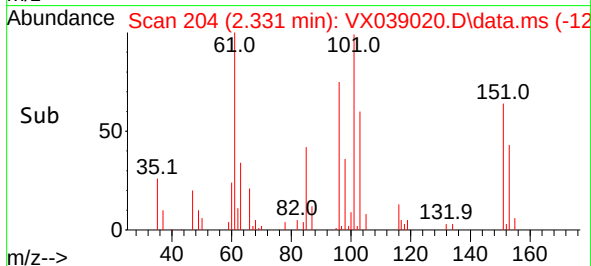
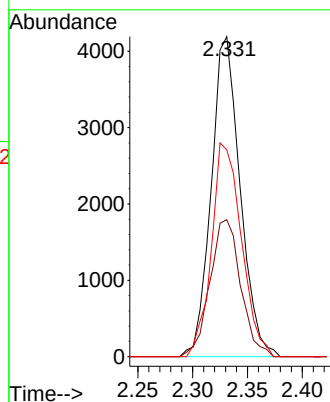
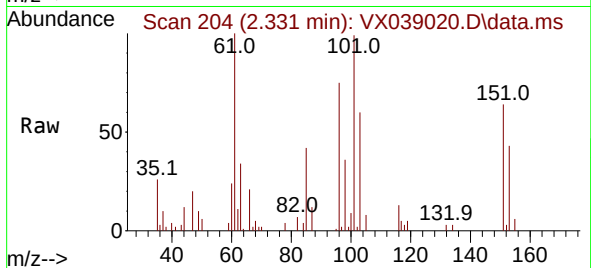
Tgt Ion:101 Resp: 768
Ion Ratio Lower Upper
101 100
85 45.6 0.0 95.2
151 69.2 0.0 136.8

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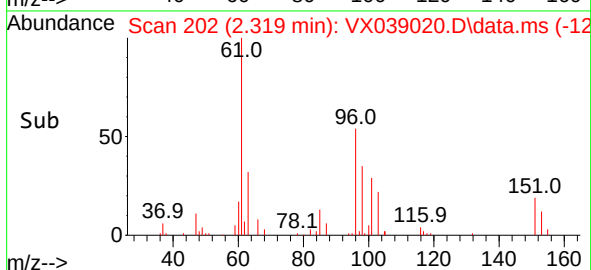
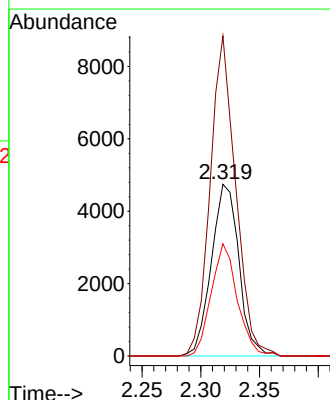
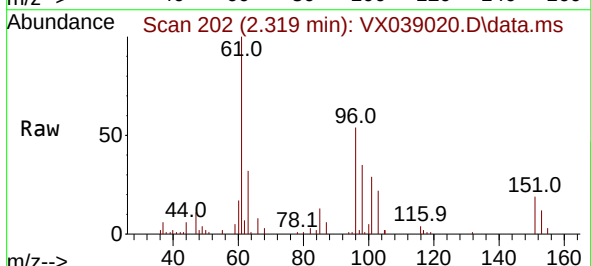
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Dadoda

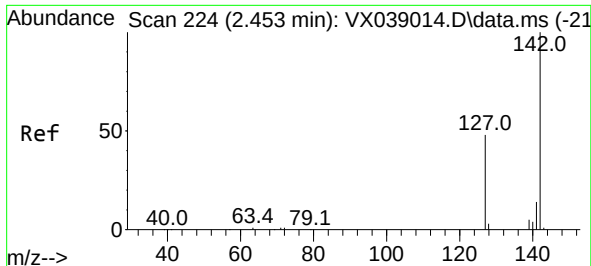
11/27/2023



#10
1,1-Dichloroethene
Concen: 5.608 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

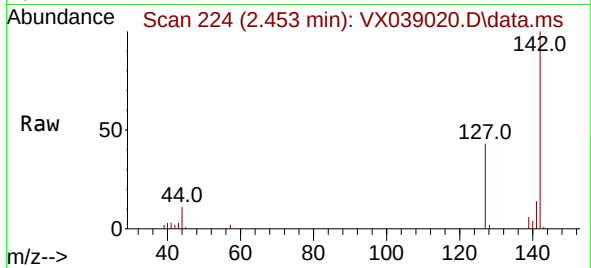
Tgt Ion: 96 Resp: 7755
Ion Ratio Lower Upper
96 100
61 186.5 138.3 207.5
98 65.3 49.8 74.6





#11
Methyl Iodide
Concen: 5.718 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



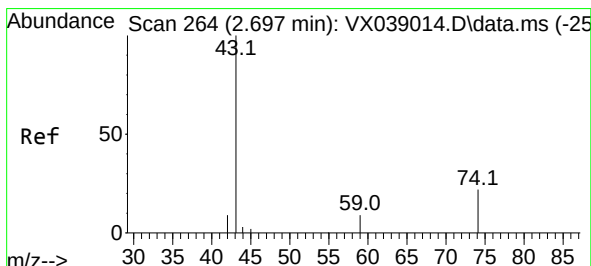
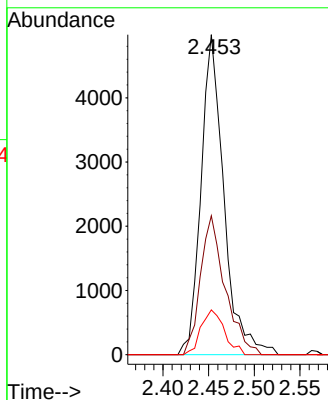
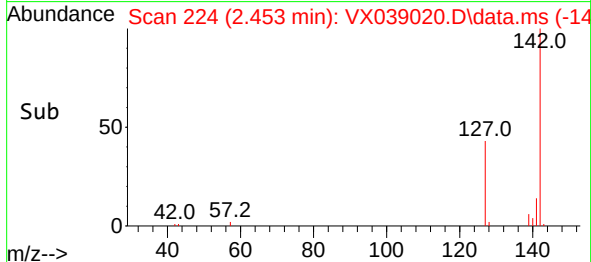
Tgt Ion:142 Resp: 866
Ion Ratio Lower Upper
142 100
127 43.4 23.8 71.4
141 14.0 6.9 20.6

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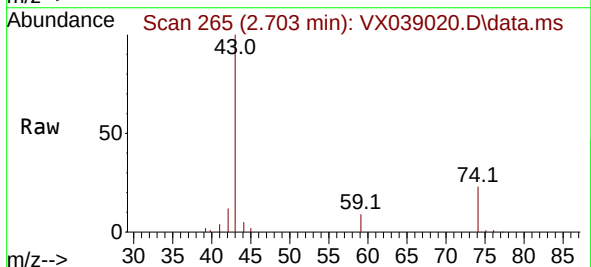
Reviewed By :John
Carlone

11/27/2023
Supervised By :Mahesh
Dadoda

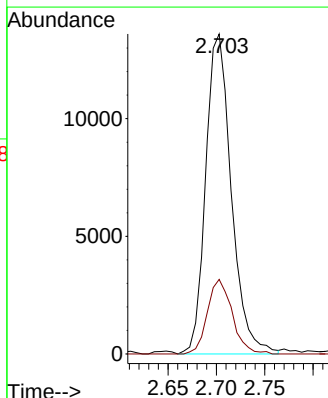
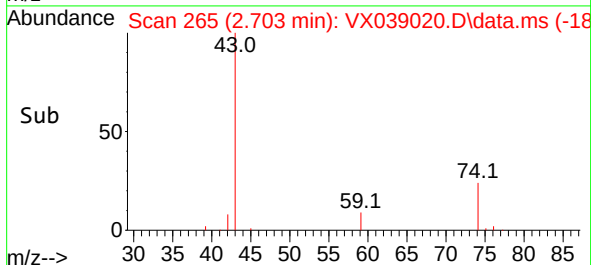
11/27/2023

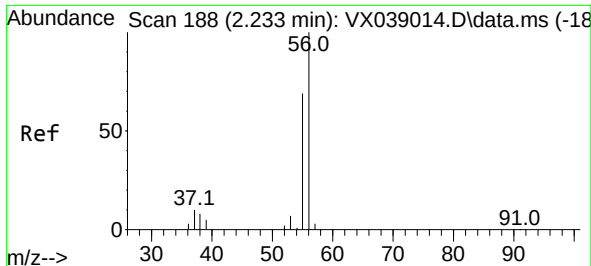


#12
Methyl Acetate
Concen: 5.813 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15



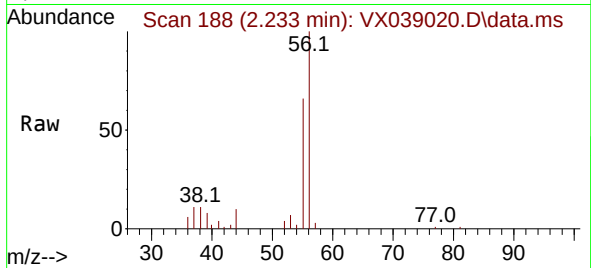
Tgt Ion: 43 Resp: 25069
Ion Ratio Lower Upper
43 100
74 23.4 17.8 26.6





#13
Acrolein
Concen: 31.849 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



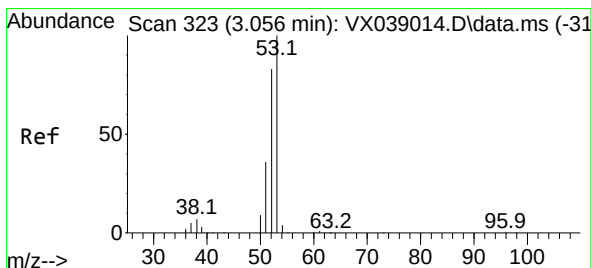
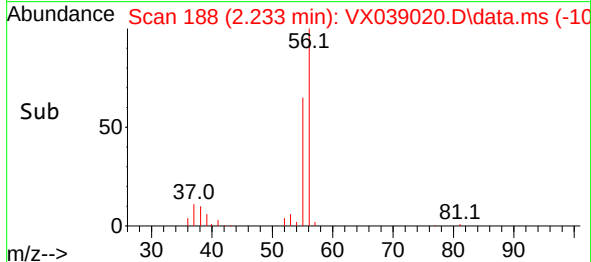
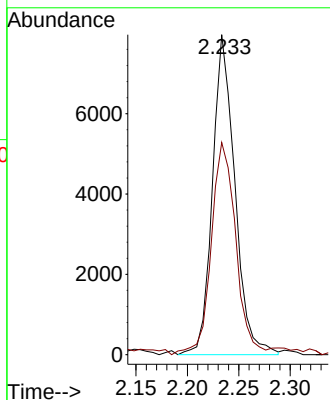
Tgt Ion: 56 Resp: 1203
Ion Ratio Lower Upper
56 100
55 72.4 57.2 85.8

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Reviewed By :John
Carlone

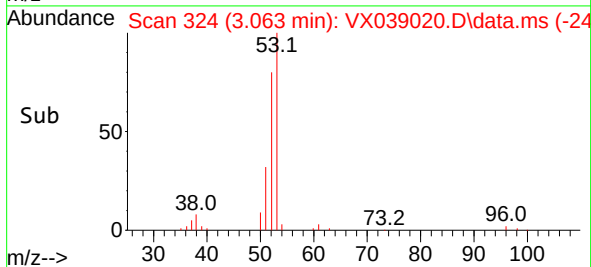
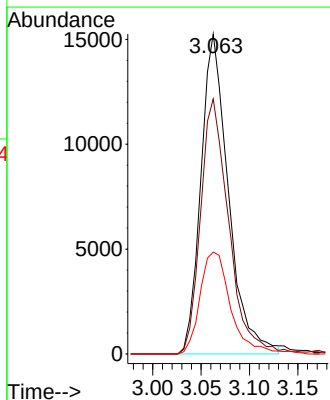
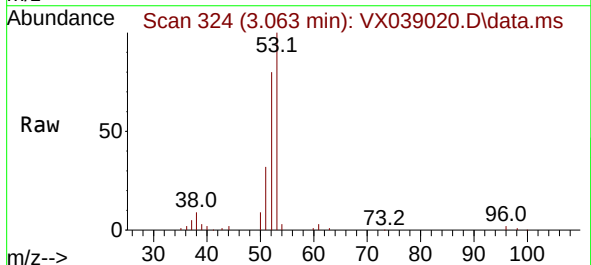
11/27/2023
Supervised By :Mahesh
Dadoda

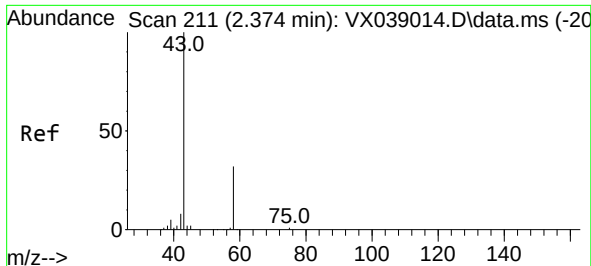
11/27/2023



#14
Acrylonitrile
Concen: 28.656 ug/l
RT: 3.063 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 53 Resp: 30227
Ion Ratio Lower Upper
53 100
52 81.6 41.9 125.6
51 35.3 18.3 54.9





#15
Acetone
Concen: 31.537 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

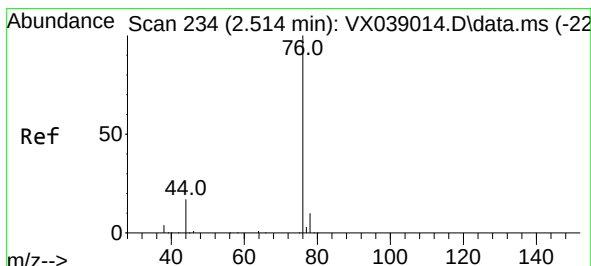
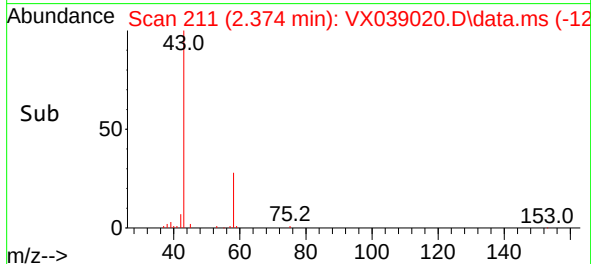
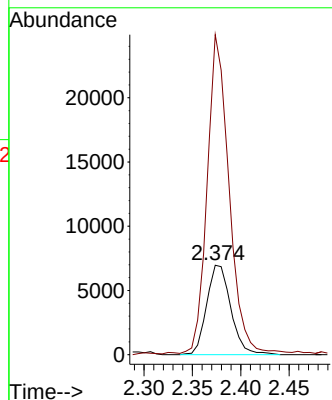
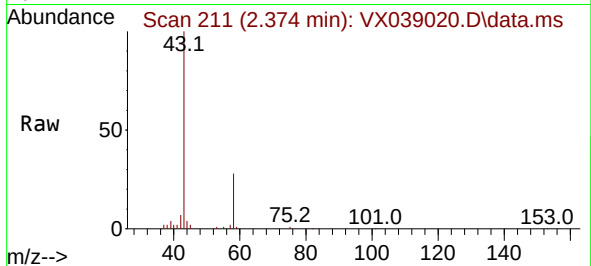
Tgt Ion: 58 Resp: 12092
Ion Ratio Lower Upper
58 100
43 356.5 249.9 374.9

Manual Integrations
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Reviewed By :John
Carlone

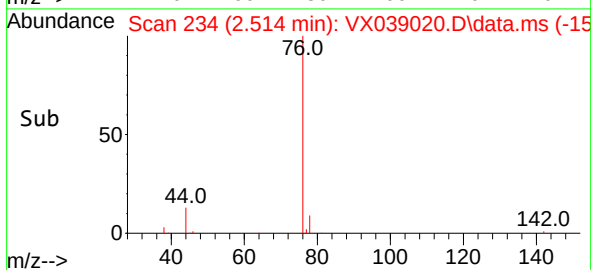
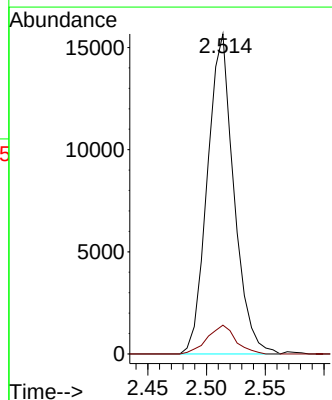
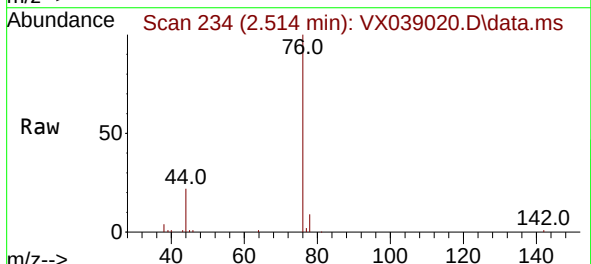
11/27/2023
Supervised By :Mahesh
Dadoda

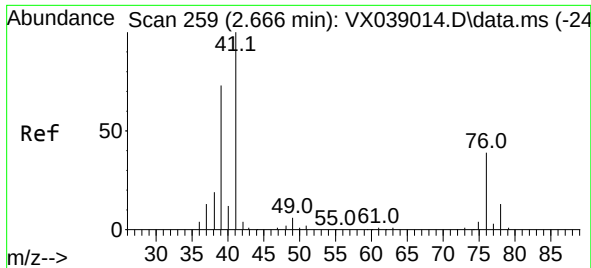
11/27/2023



#16
Carbon Disulfide
Concen: 5.863 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 76 Resp: 24556
Ion Ratio Lower Upper
76 100
78 9.0 8.0 12.0





#17
 Allyl chloride
 Concen: 5.557 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX039020.D
 Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 1525
 Ion Ratio Lower Upper
 41 100
 39 76.6 36.5 109.5
 76 40.1 19.7 59.0

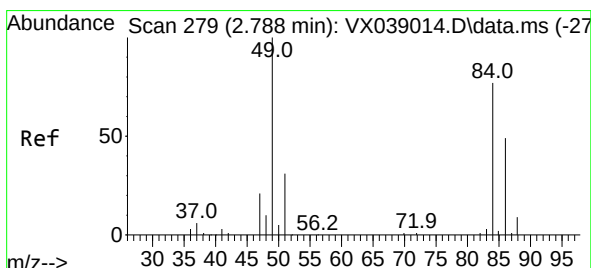
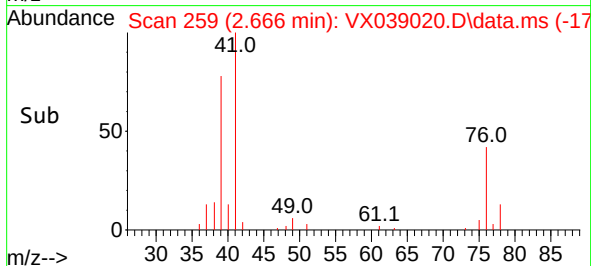
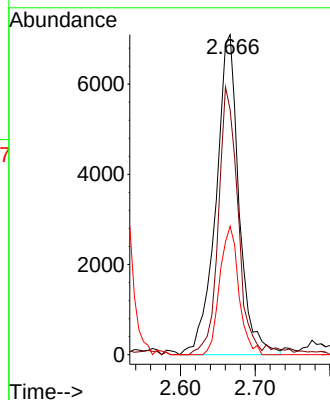
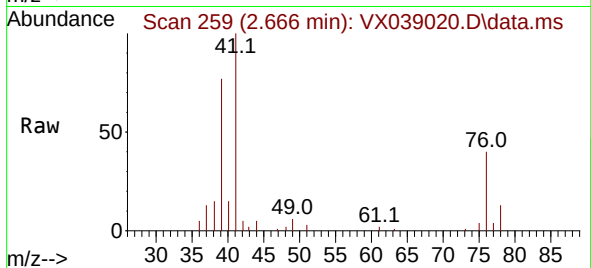
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Reviewed By :John
 Carlone

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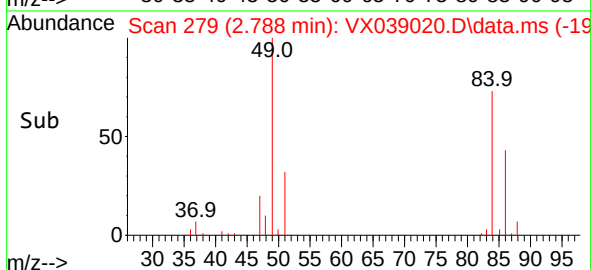
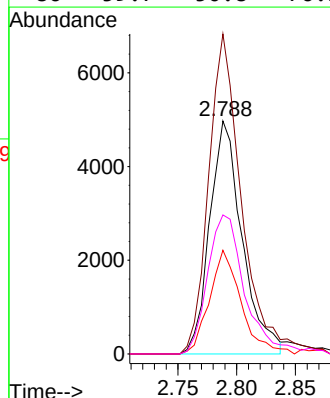
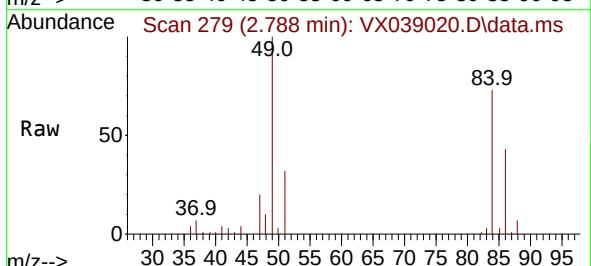
Supervised By :Mahesh
 Dadoda

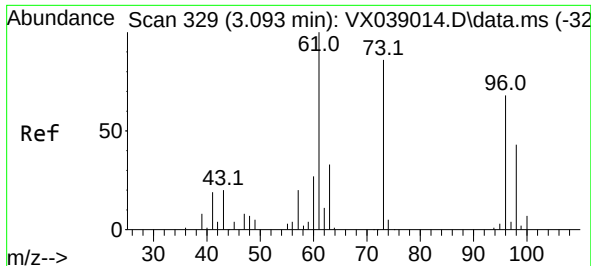
11/27/2023



#18
 Methylene Chloride
 Concen: 5.831 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039020.D
 Acq: 24 Nov 2023 13:15

Tgt Ion: 84 Resp: 9558
 Ion Ratio Lower Upper
 84 100
 49 137.4 103.8 155.8
 51 44.5 31.8 47.6
 86 59.7 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 5.603 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 876
Ion Ratio Lower Upper
96 100
61 135.7 117.9 176.9
98 58.4 51.0 76.6

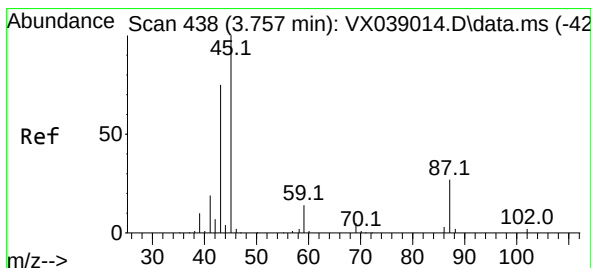
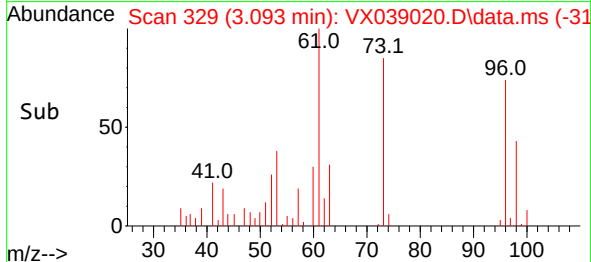
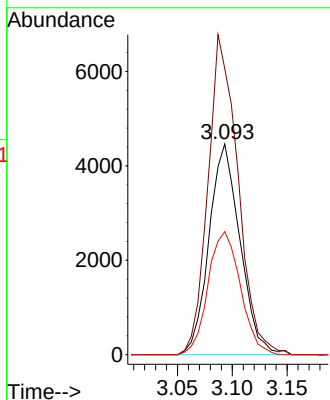
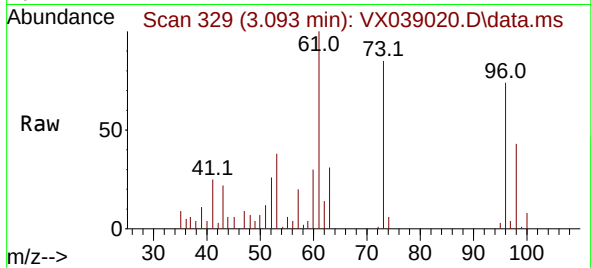
Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/27/2023

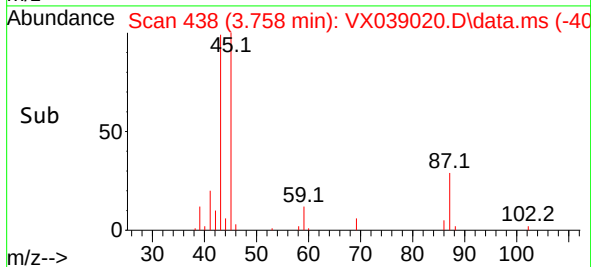
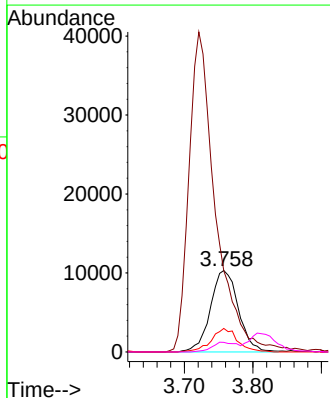
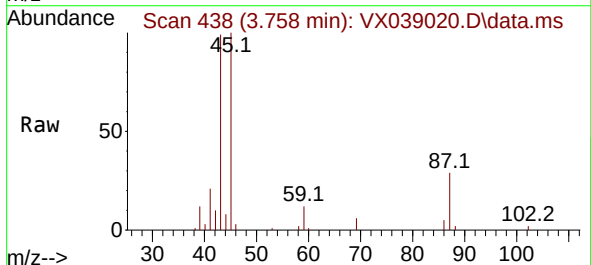
Supervised By :Mahesh
Dadoda

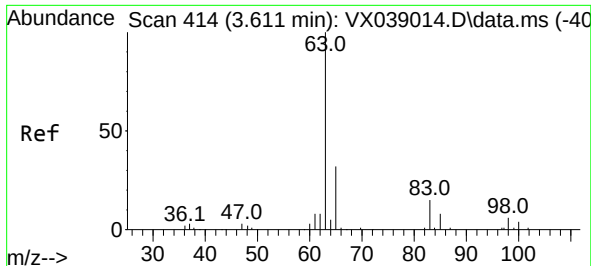
11/27/2023



#20
Diisopropyl ether
Concen: 5.591 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 45 Resp: 29208
Ion Ratio Lower Upper
45 100
43 93.2 67.7 101.5
87 28.8 21.5 32.3
59 11.8 10.9 16.3





#21

1,1-Dichloroethane

Concen: 5.645 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63	Resp: 1639
Ion Ratio	Lower Upper
63 100	
98 6.5	2.9 8.8
100 4.0	2.0 5.8

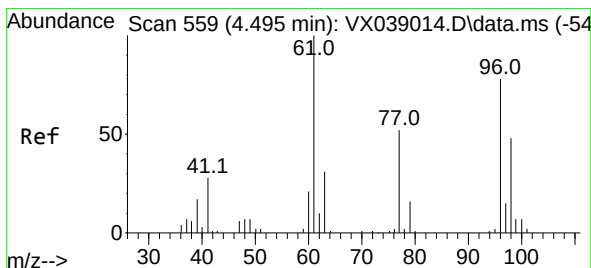
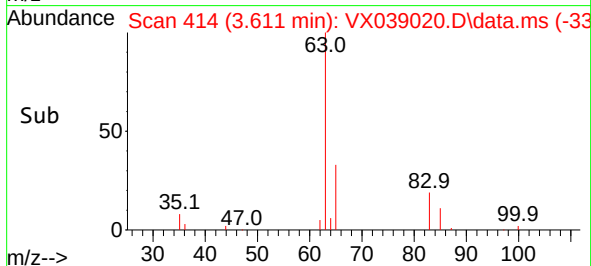
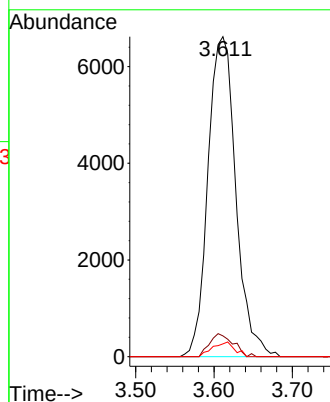
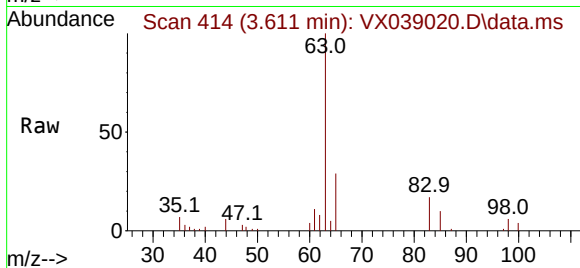
Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/27/2023

Supervised By :Mahesh
Dadoda

11/27/2023



#22

cis-1,2-Dichloroethene

Concen: 5.603 ug/l

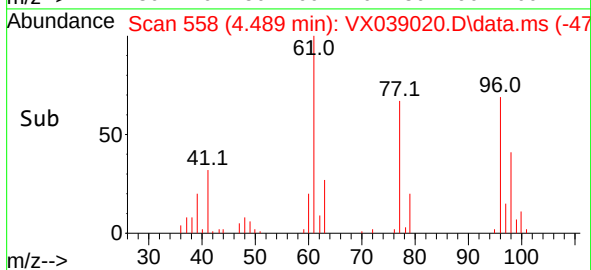
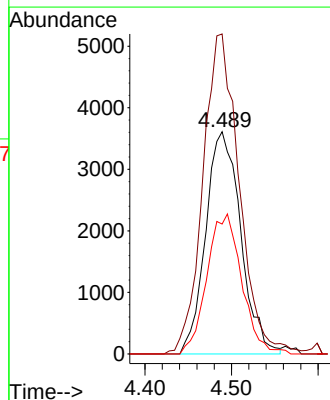
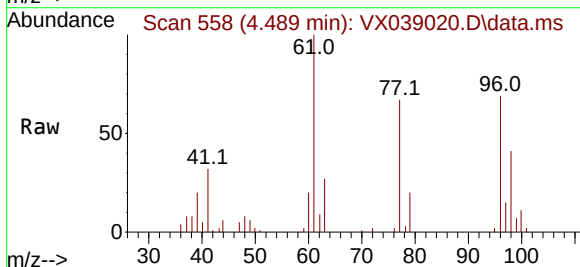
RT: 4.489 min Scan# 558

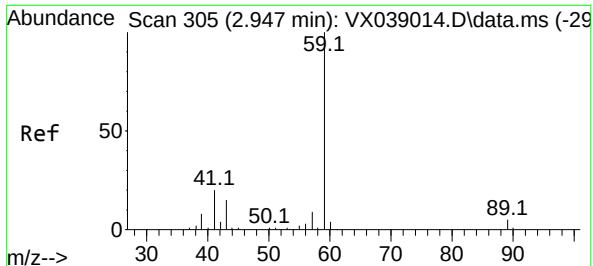
Delta R.T. -0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Tgt Ion: 96	Resp: 10155
Ion Ratio	Lower Upper
96 100	
61 149.0	119.8 179.6
98 62.0	50.9 76.3





#23
tert-Butyl Alcohol
Concen: 32.284 ug/l
RT: 2.953 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

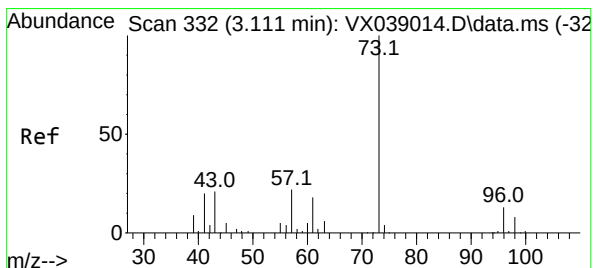
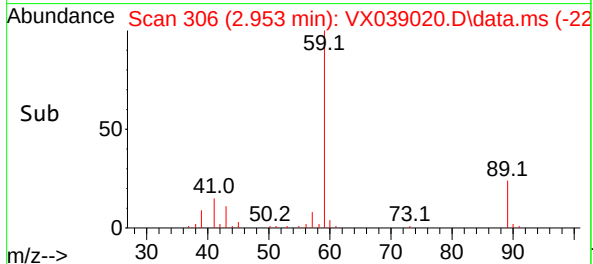
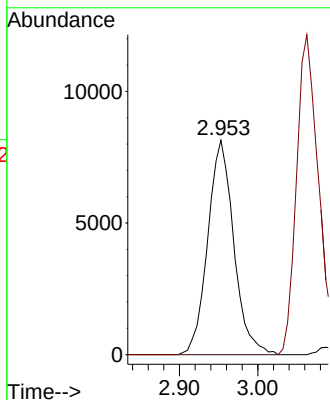
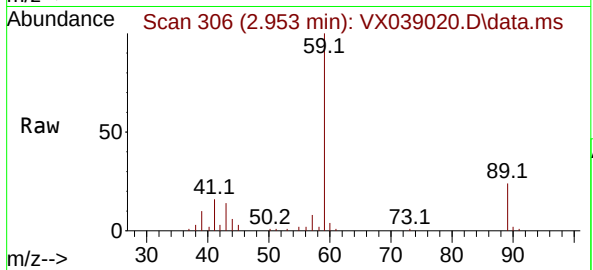
Tgt Ion: 59 Resp: 1885
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

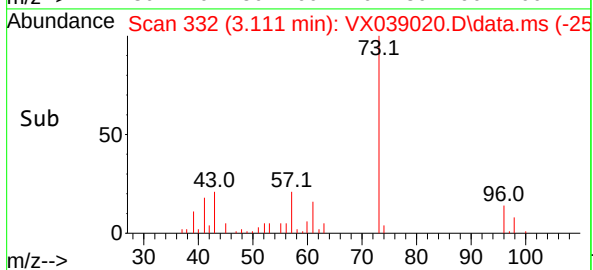
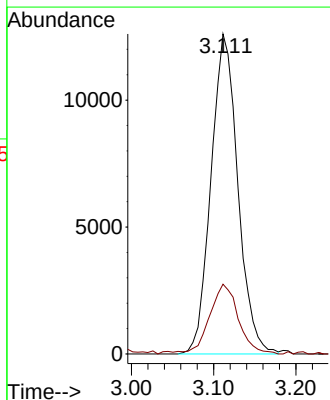
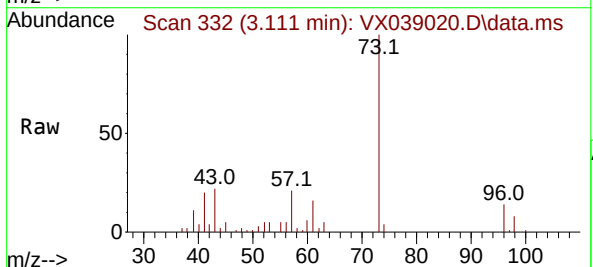
11/27/2023
Supervised By :Mahesh
Dadoda

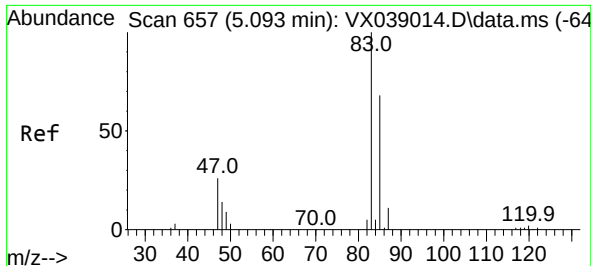
11/27/2023



#24
Methyl tert-Butyl Ether
Concen: 5.626 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 73 Resp: 28658
Ion Ratio Lower Upper
73 100
43 23.1 17.0 25.6





#25
Chloroform
Concen: 5.518 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

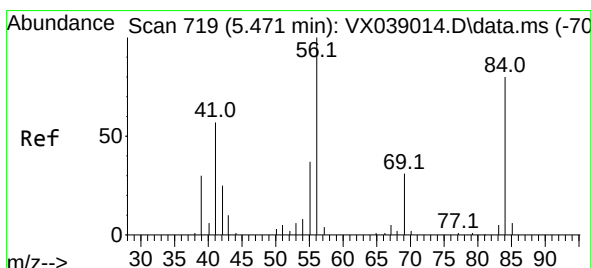
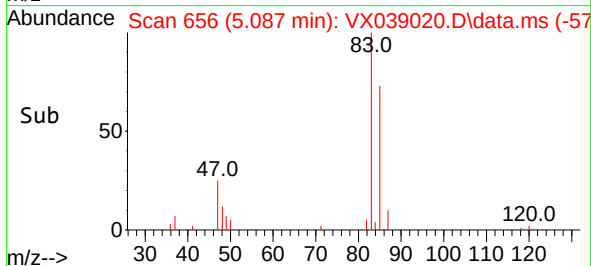
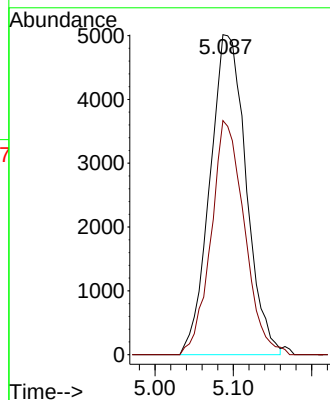
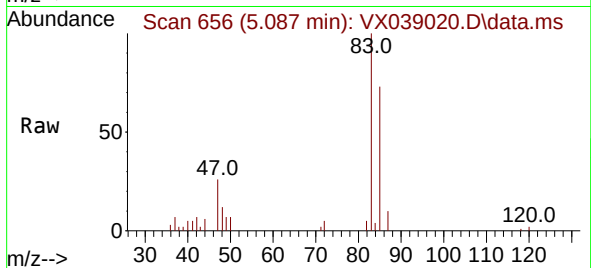
Tgt Ion: 83 Resp: 1608
Ion Ratio Lower Upper
83 100
85 73.2 54.6 81.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

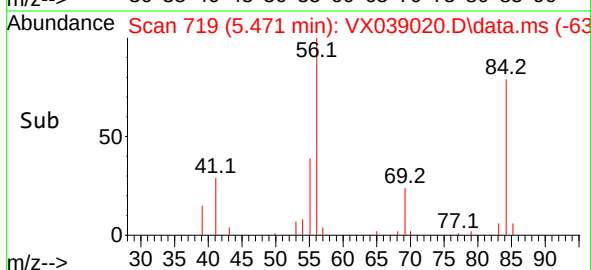
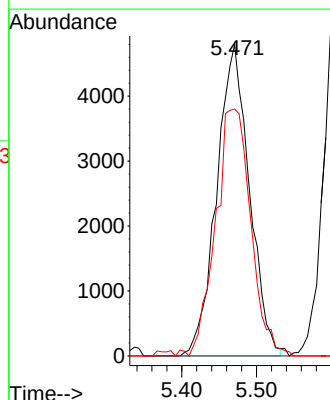
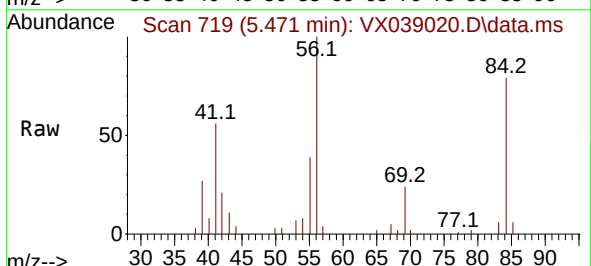
11/27/2023
Supervised By :Mahesh
Dadoda

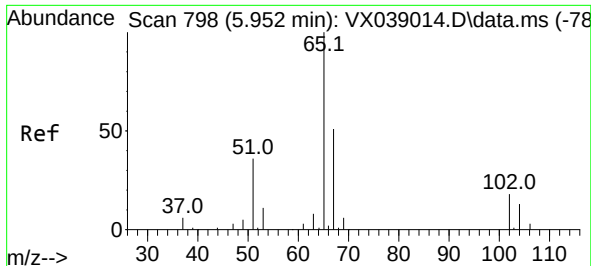
11/27/2023



#26
Cyclohexane
Concen: 5.558 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 56 Resp: 14611
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 0.4 67.2 100.8#





#27
1,2-Dichloroethane-d4
Concen: 32.329 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC005

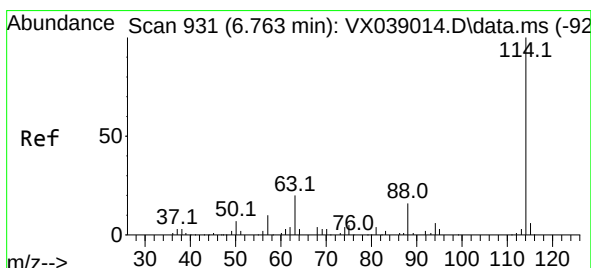
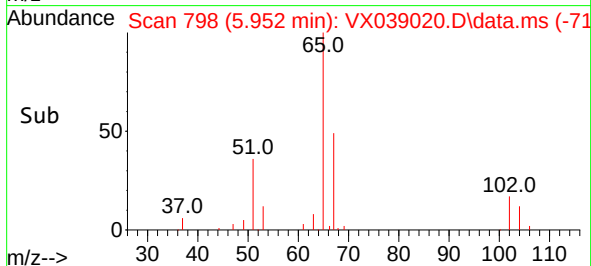
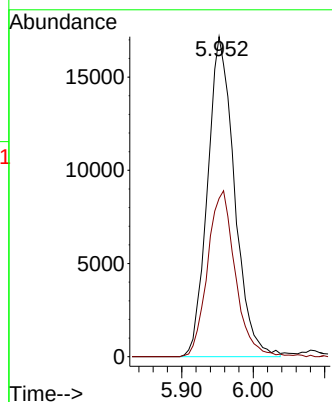
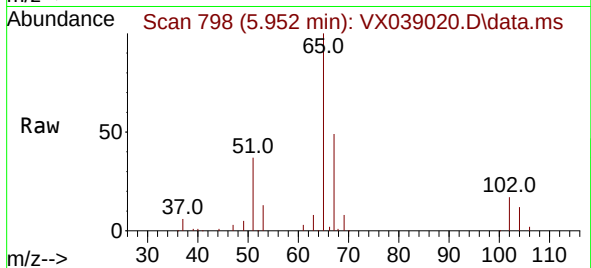
Tgt Ion: 65 Resp: 4496
Ion Ratio Lower Upper
65 100
67 53.2 42.5 63.7

Manual Integrations
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Reviewed By :John
Carlone

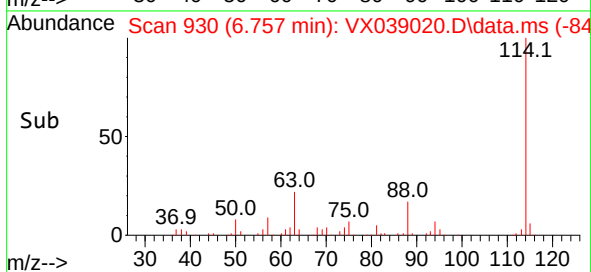
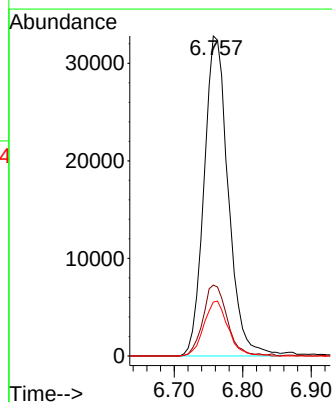
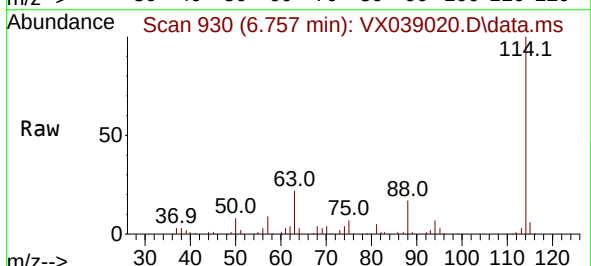
11/27/2023
Supervised By :Mahesh
Dadoda

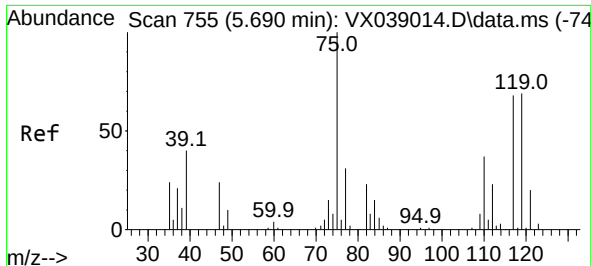
11/27/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion:114 Resp: 80725
Ion Ratio Lower Upper
114 100
63 21.9 17.0 25.4
88 17.1 12.7 19.1





#29
1,1-Dichloropropene
Concen: 5.546 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 1255
Ion Ratio Lower Upper
75 100
110 34.2 0.0 71.2
77 32.6 0.0 62.6

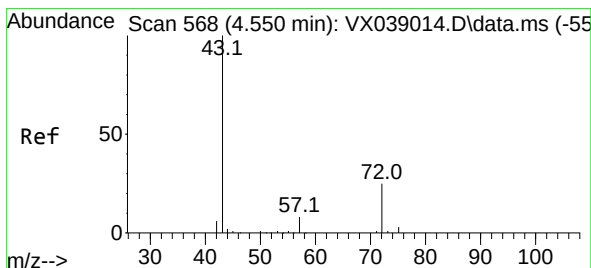
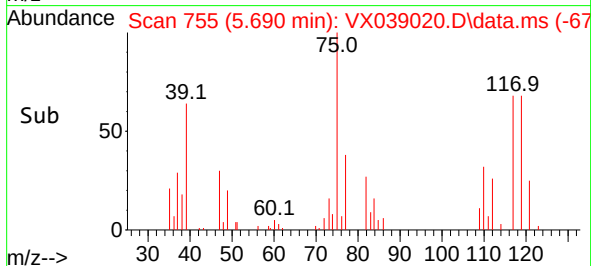
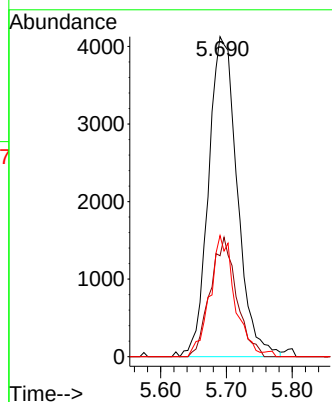
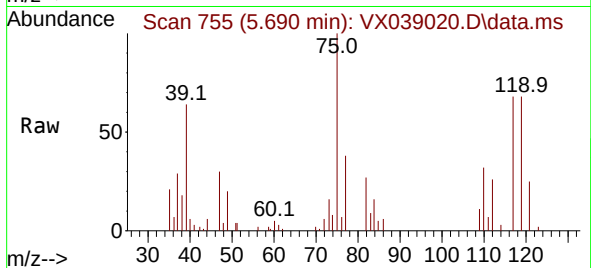
Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/27/2023

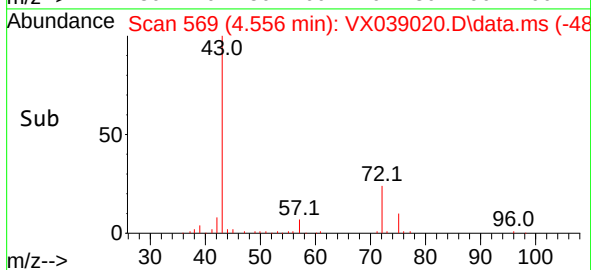
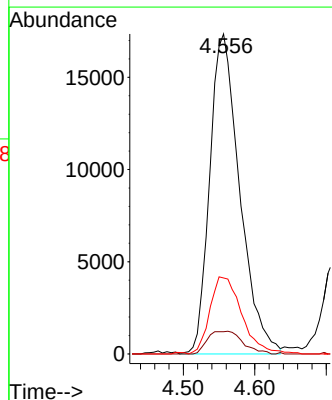
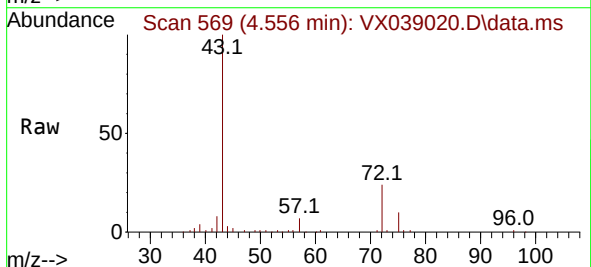
Supervised By :Mahesh
Dadoda

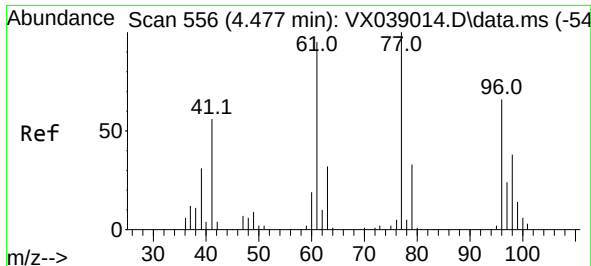
11/27/2023



#30
2-Butanone
Concen: 29.670 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 43 Resp: 50551
Ion Ratio Lower Upper
43 100
57 4.2 6.6 10.0#
72 25.7 20.6 31.0





#31
2,2-Dichloropropane
Concen: 5.346 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

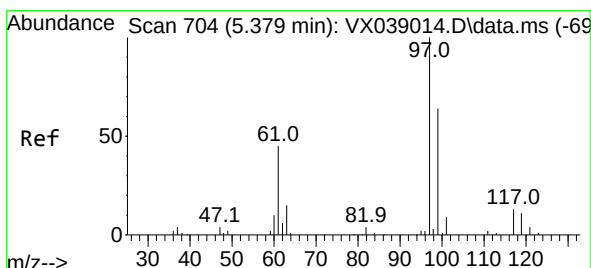
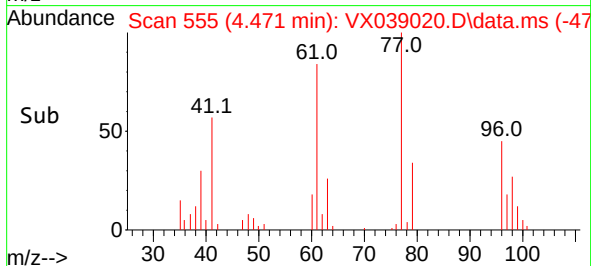
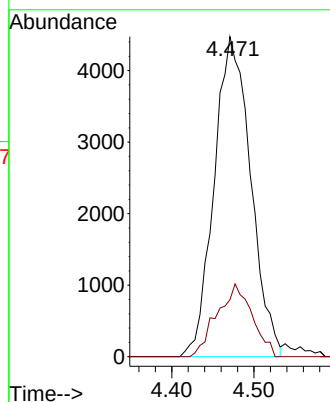
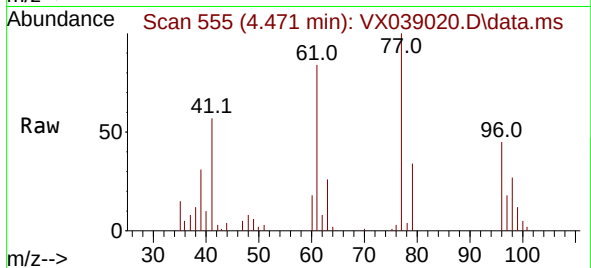
Tgt Ion: 77 Resp: 1383
Ion Ratio Lower Upper
77 100
97 21.7 18.2 27.4

Manual Integrations
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Reviewed By :John
Carlone

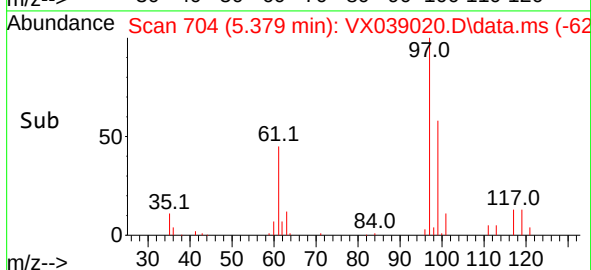
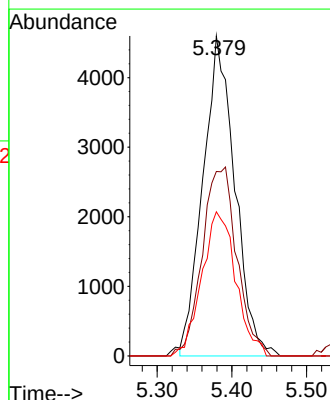
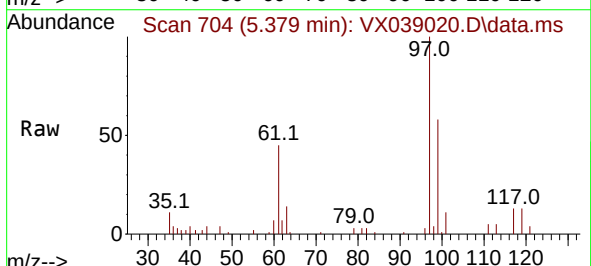
11/27/2023
Supervised By :Mahesh
Dadoda

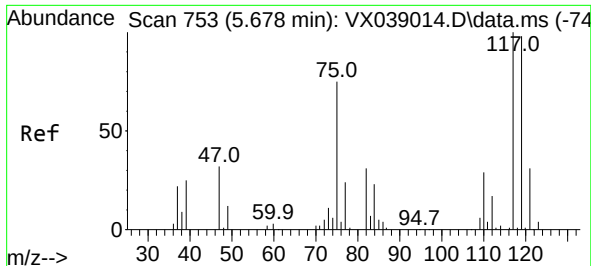
11/27/2023



#32
1,1,1-Trichloroethane
Concen: 5.207 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

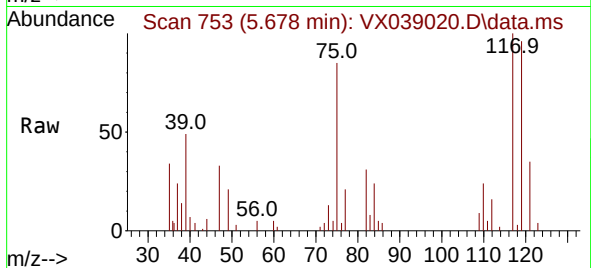
Tgt Ion: 97 Resp: 13618
Ion Ratio Lower Upper
97 100
99 64.1 52.6 79.0
61 48.1 36.9 55.3





#33
Carbon Tetrachloride
Concen: 4.968 ug/l
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

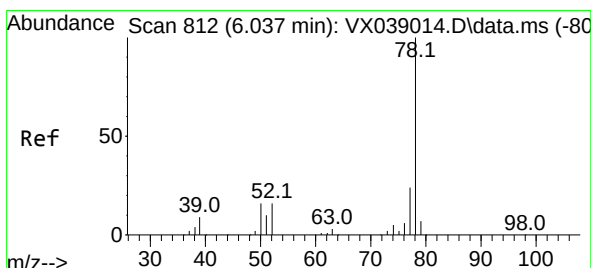
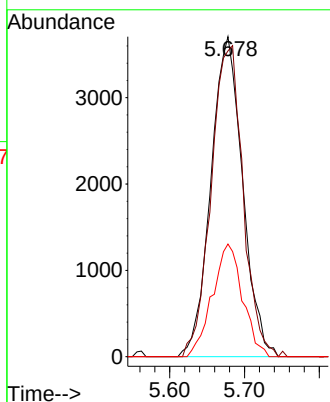
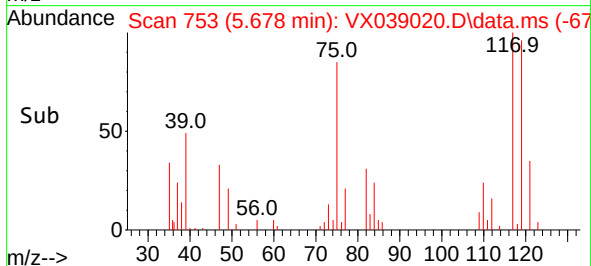
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



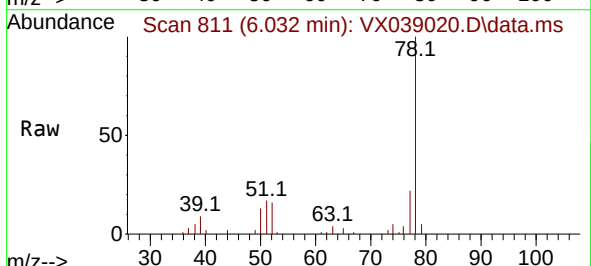
Tgt Ion: 117 Resp: 1094
Ion Ratio Lower Upper
117 100
119 95.6 78.2 117.4
121 35.2 24.7 37.1

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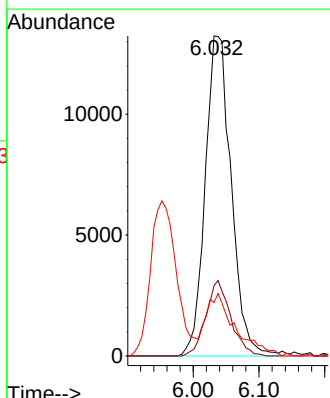
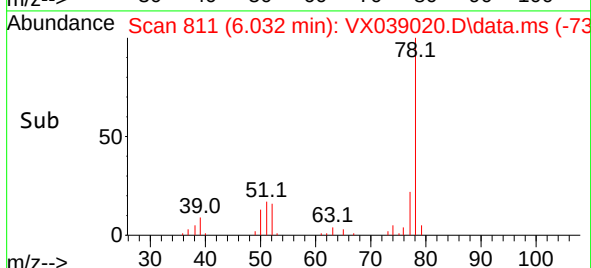
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

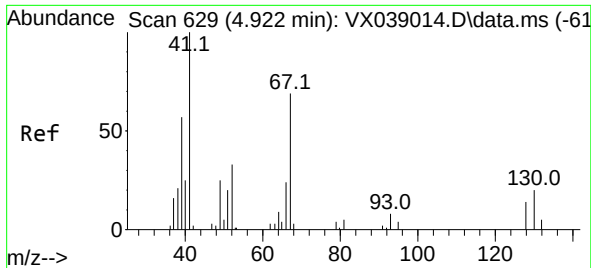


#34
Benzene
Concen: 5.527 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15



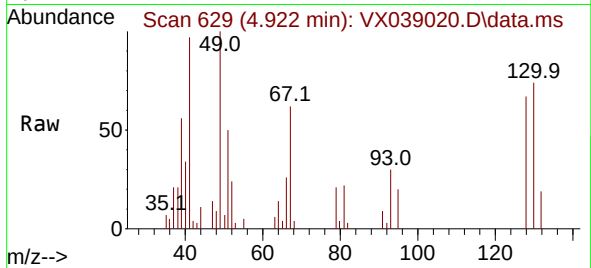
Tgt Ion: 78 Resp: 36437
Ion Ratio Lower Upper
78 100
77 21.9 19.3 28.9
51 15.9 14.4 21.6





#35
Methacrylonitrile
Concen: 5.300 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

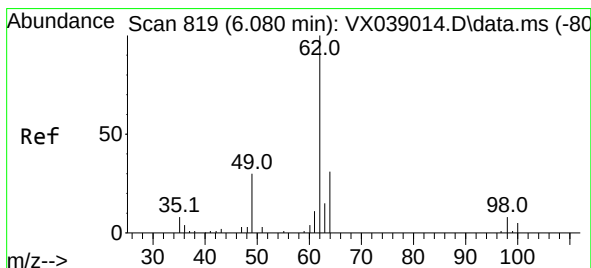
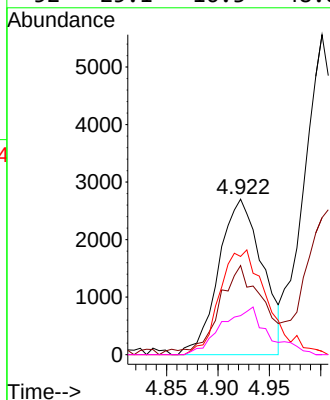
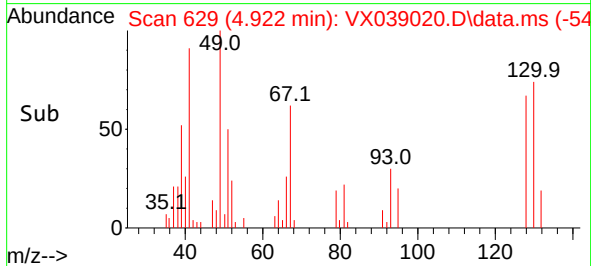
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



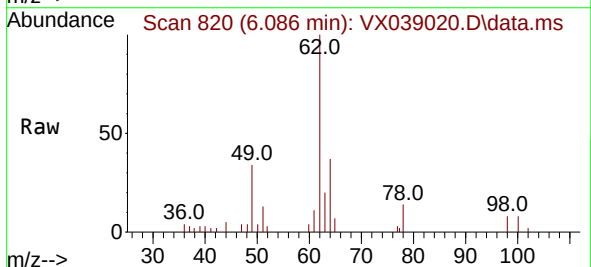
Tgt Ion: 41 Resp: 7998
Ion Ratio Lower Upper
41 100
39 54.6 28.2 84.7
67 63.2 34.5 103.5
52 25.1 16.3 48.8

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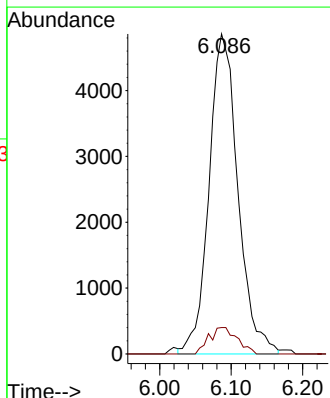
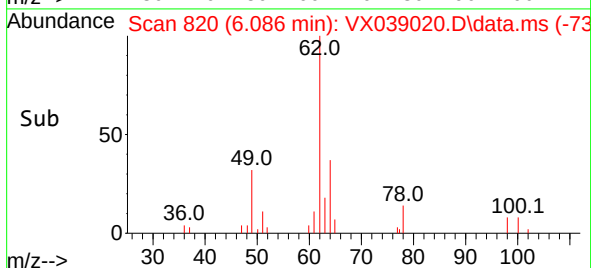
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

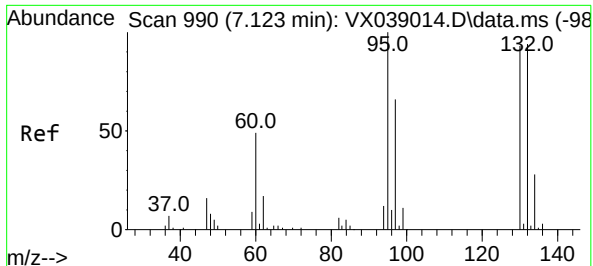


#36
1,2-Dichloroethane
Concen: 5.644 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15



Tgt Ion: 62 Resp: 13651
Ion Ratio Lower Upper
62 100
98 8.1 7.0 10.4





#37

Trichloroethene

Concen: 5.421 ug/l

RT: 7.129 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 9070

Ion Ratio Lower Upper

130 100

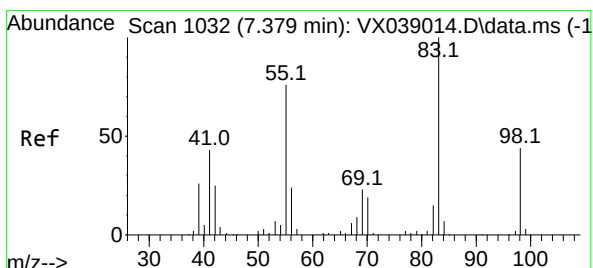
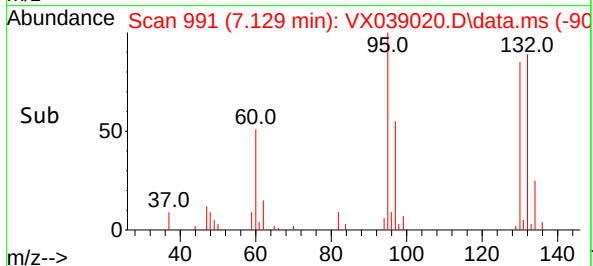
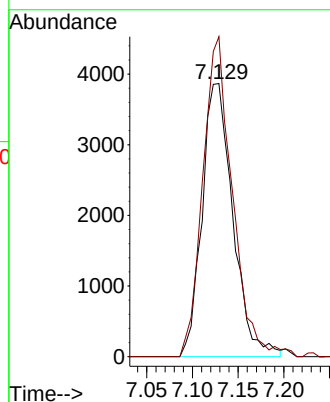
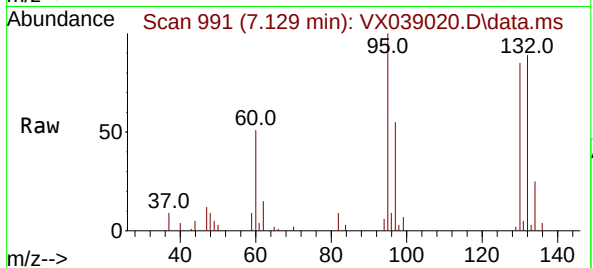
95 117.1 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#38

Methylcyclohexane

Concen: 5.296 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

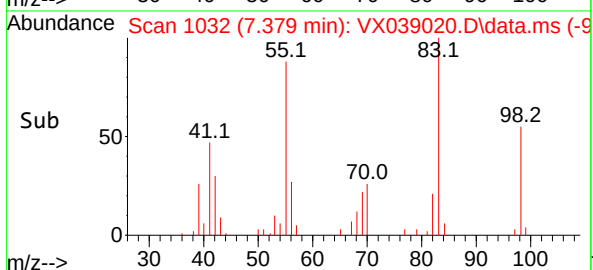
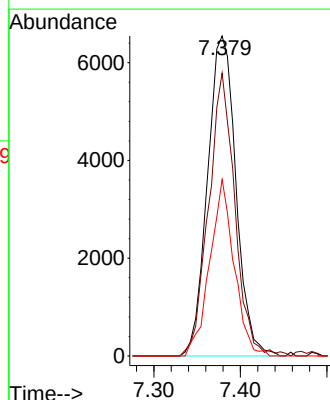
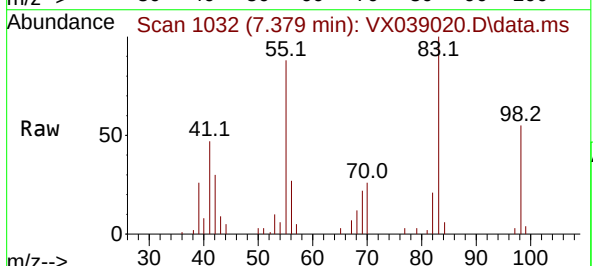
Tgt Ion: 83 Resp: 14932

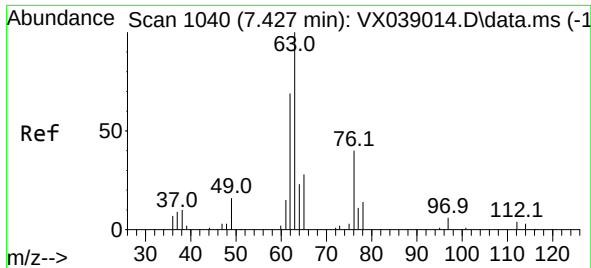
Ion Ratio Lower Upper

83 100

55 81.2 38.6 116.0

98 46.9 22.3 66.8





#39

1,2-Dichloropropane

Concen: 5.518 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 9594

Ion Ratio Lower Upper

63 100

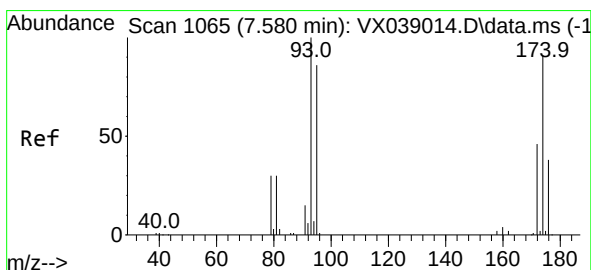
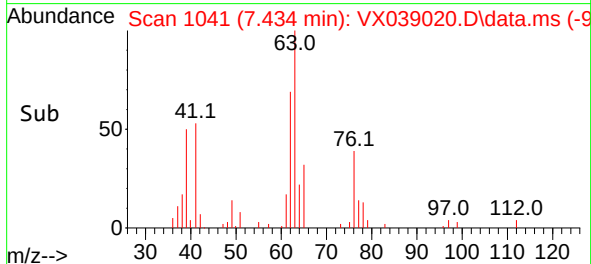
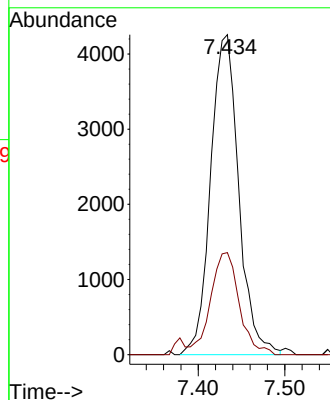
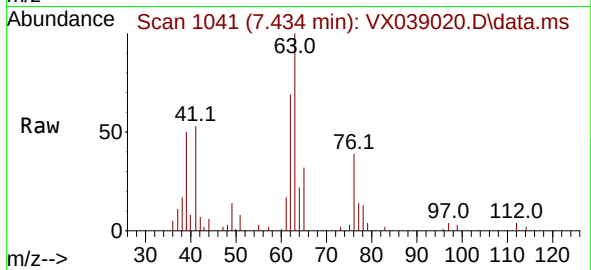
65 31.9 24.6 37.0

Manual Integrations

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Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#40

Dibromomethane

Concen: 5.478 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

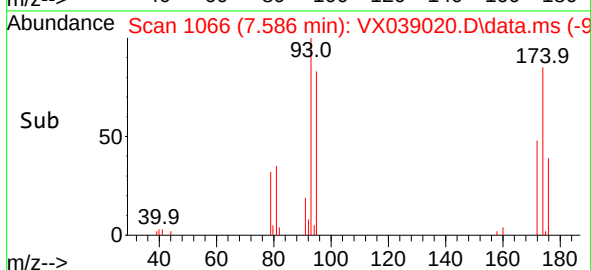
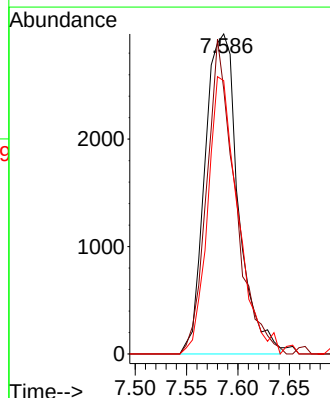
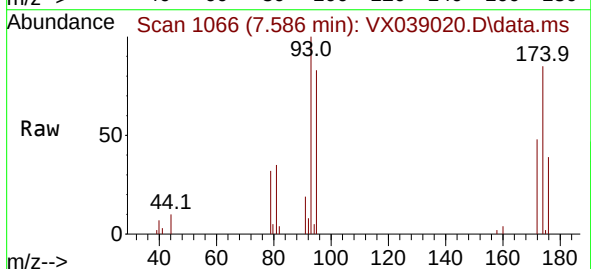
Tgt Ion: 93 Resp: 6729

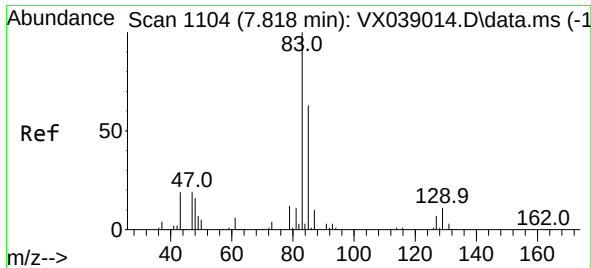
Ion Ratio Lower Upper

93 100

95 84.1 0.0 163.4

174 77.4 0.0 166.4





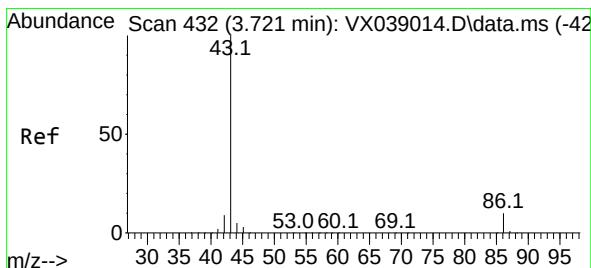
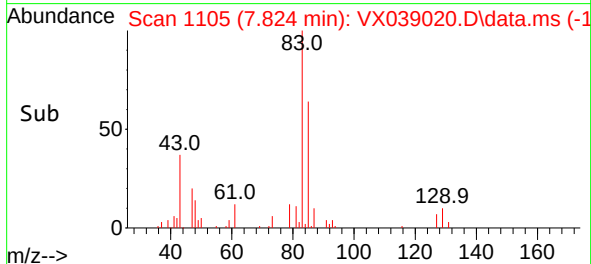
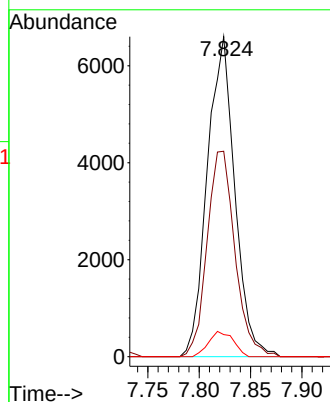
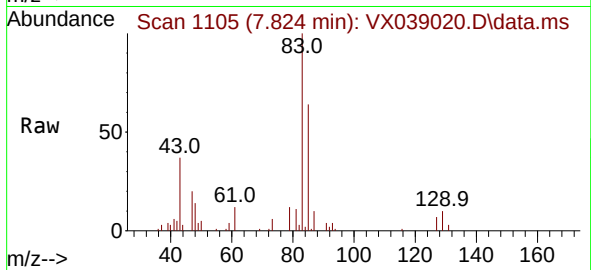
#41
Bromodichloromethane
Concen: 5.208 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 12289
Ion Ratio Lower Upper
83 100
85 64.2 50.8 76.2
127 6.9 5.9 8.9

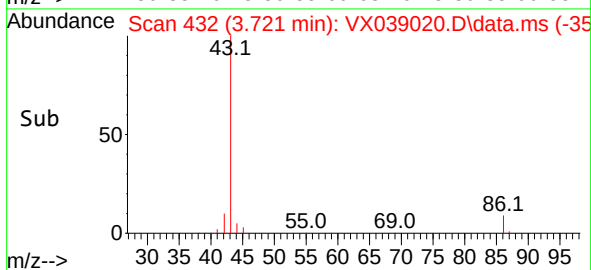
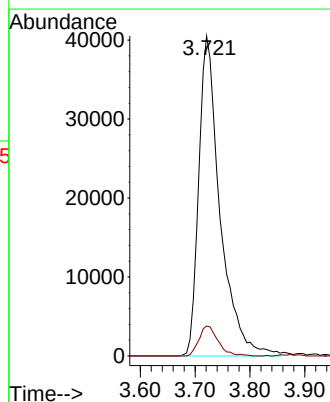
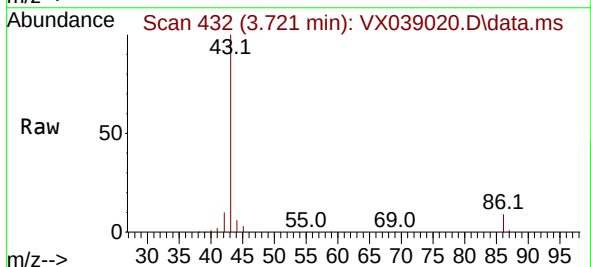
Manual Integrations
APPROVED

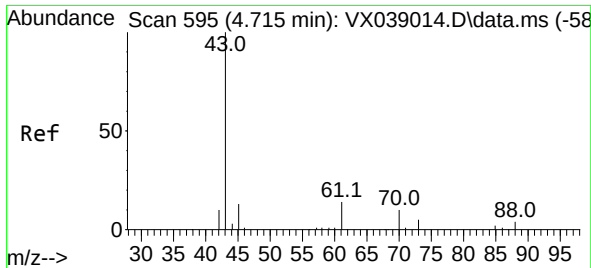
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#42
Vinyl Acetate
Concen: 26.975 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

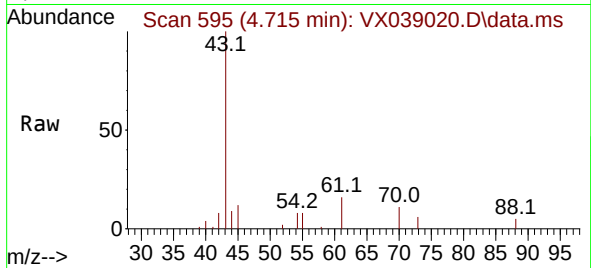
Tgt Ion: 43 Resp: 109465
Ion Ratio Lower Upper
43 100
86 8.2 6.7 10.1





#43
Ethyl Acetate
Concen: 5.466 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

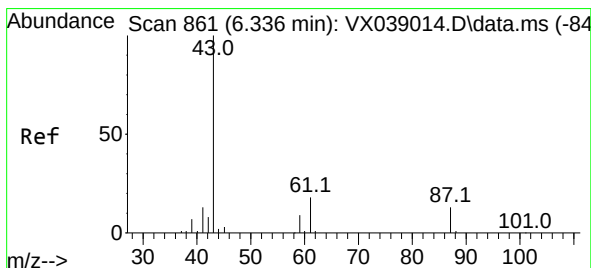
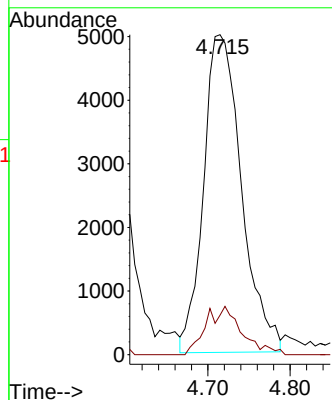
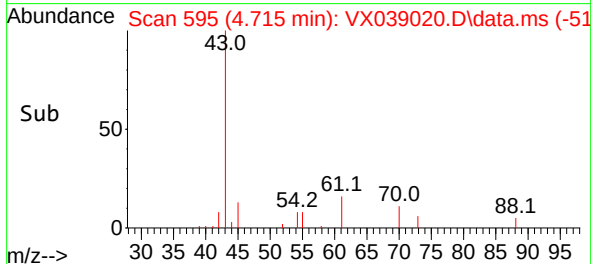
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



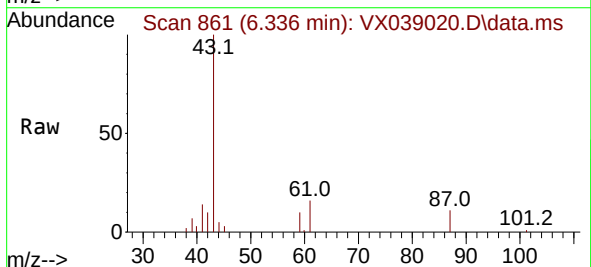
Tgt Ion: 43 Resp: 1602
Ion Ratio Lower Upper
43 100
45 8.5 11.8 17.8

Manual Integrations
APPROVED

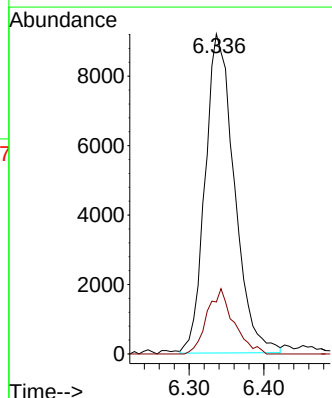
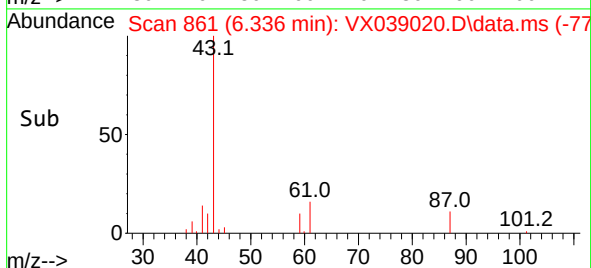
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

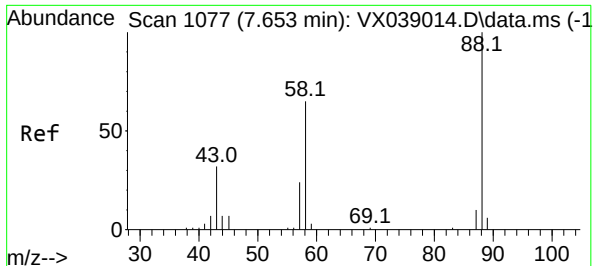


#44
Isopropyl Acetate
Concen: 5.409 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15



Tgt Ion: 43 Resp: 24992
Ion Ratio Lower Upper
43 100
61 18.6 15.6 23.4





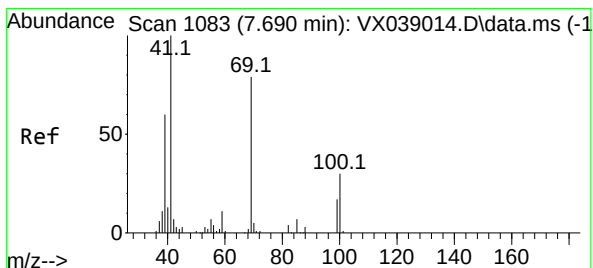
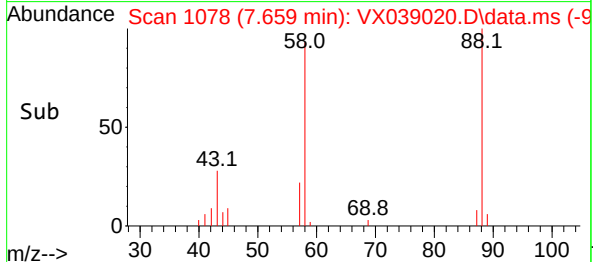
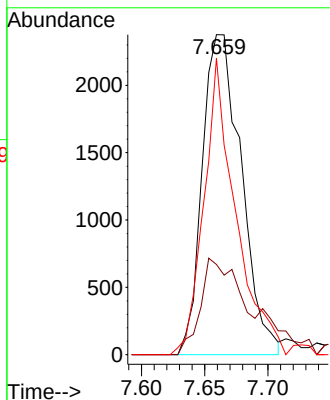
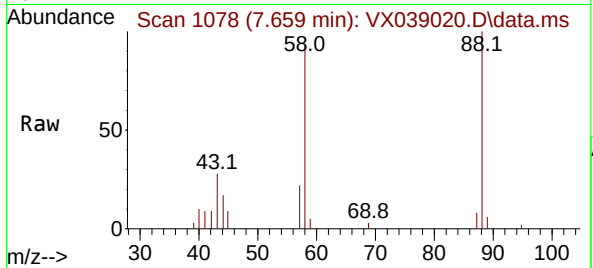
#45
1,4-Dioxane
Concen: 108.031 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 5090
Ion Ratio Lower Upper
88 100
43 30.7 28.1 42.1
58 75.3 57.7 86.5

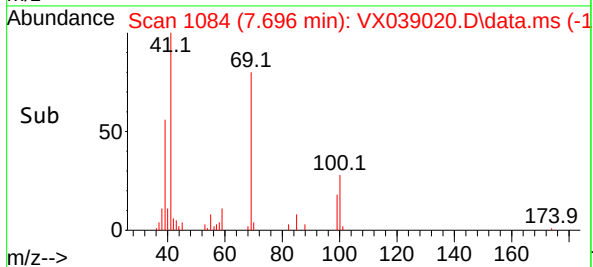
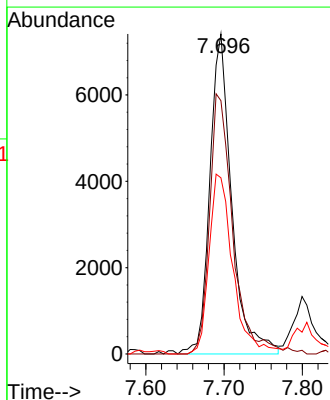
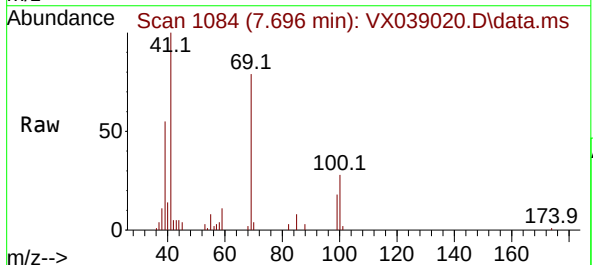
Manual Integrations
APPROVED

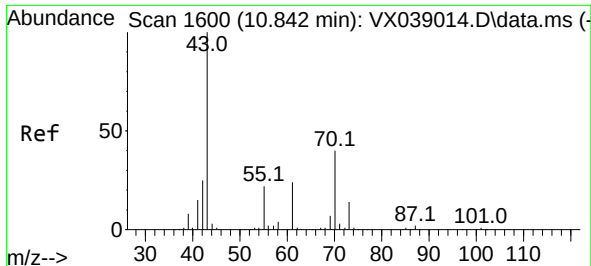
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#46
Methyl methacrylate
Concen: 5.455 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 41 Resp: 14411
Ion Ratio Lower Upper
41 100
69 79.1 39.6 118.8
39 55.0 30.1 90.3





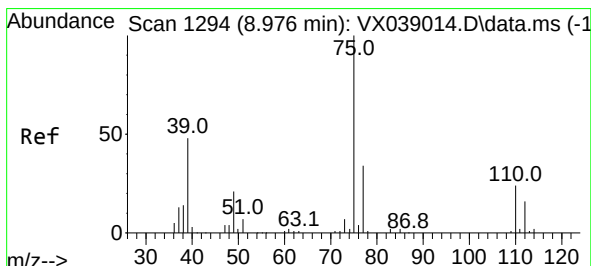
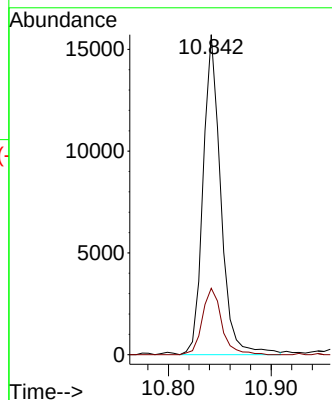
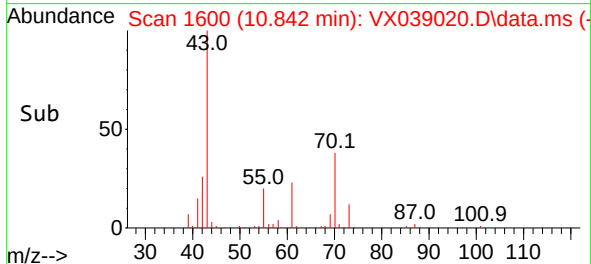
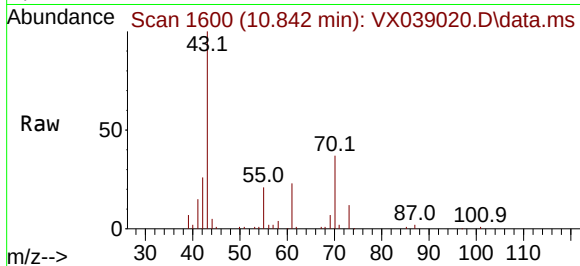
#47
n-amyl acetate
Concen: 4.823 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1886
Ion Ratio Lower Upper
43 100
55 22.6 18.2 27.2

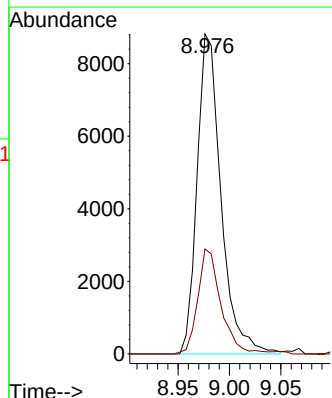
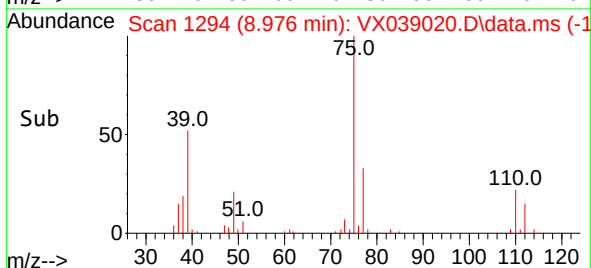
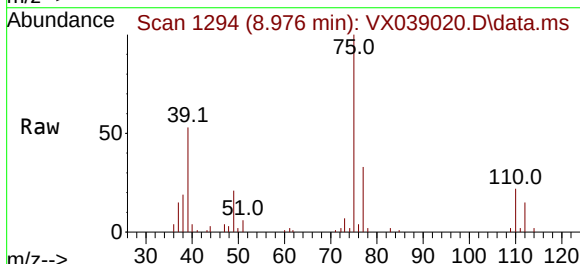
Manual Integrations
APPROVED

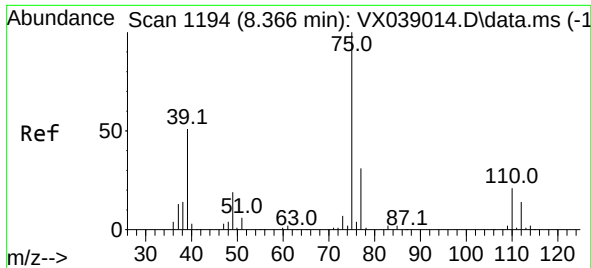
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#48
t-1,3-Dichloropropene
Concen: 5.226 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

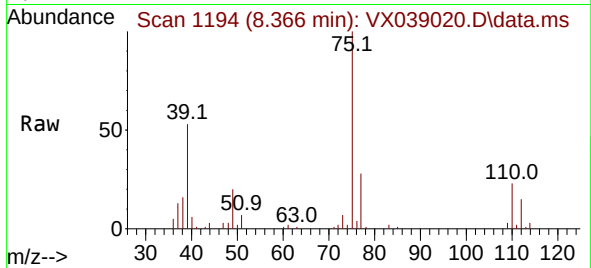
Tgt Ion: 75 Resp: 14299
Ion Ratio Lower Upper
75 100
77 32.2 26.8 40.2





#49
 cis-1,3-Dichloropropene
 Concen: 5.170 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039020.D
 Acq: 24 Nov 2023 13:15

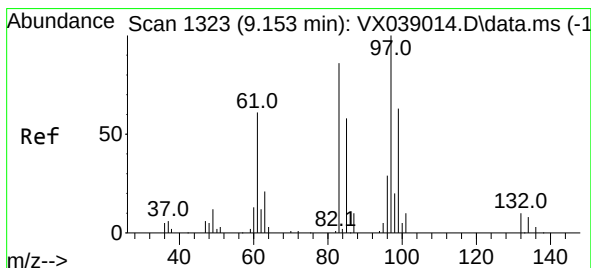
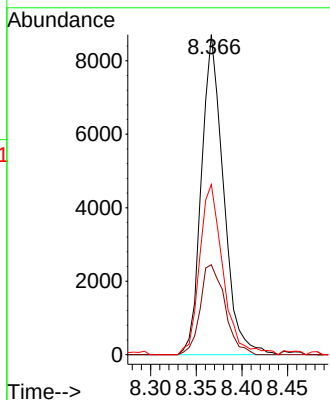
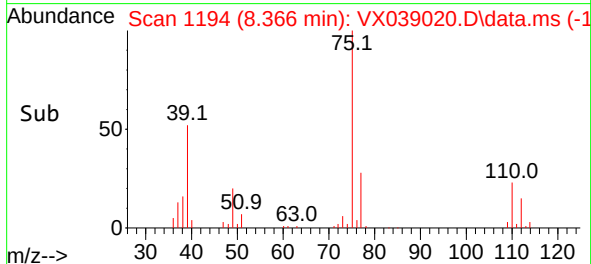
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 1459
 Ion Ratio Lower Upper
 75 100
 77 28.1 24.4 36.6
 39 53.2 40.6 60.8

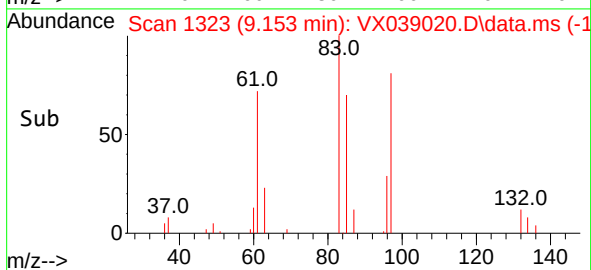
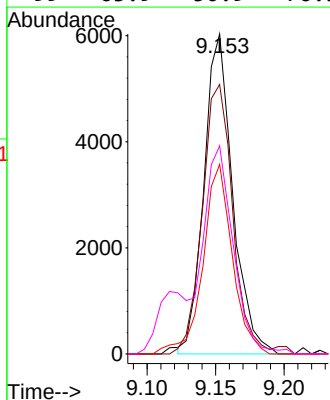
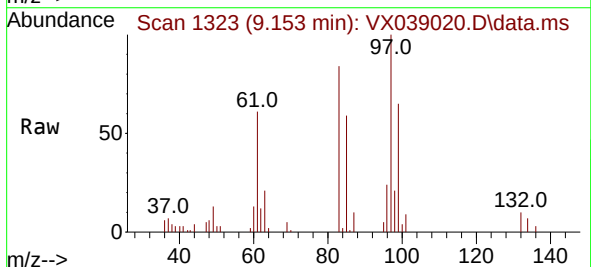
Manual Integrations
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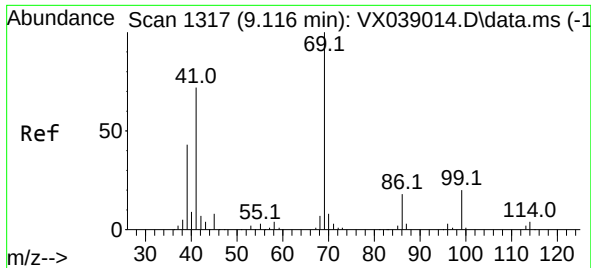
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#50
 1,1,2-Trichloroethane
 Concen: 5.280 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX039020.D
 Acq: 24 Nov 2023 13:15

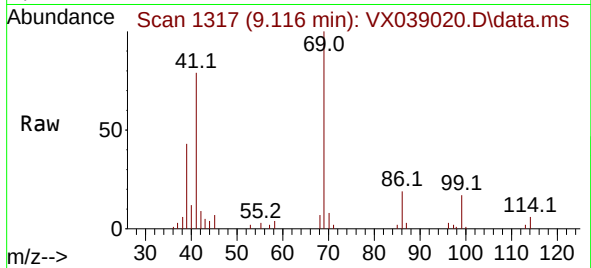
Tgt Ion: 97 Resp: 8811
 Ion Ratio Lower Upper
 97 100
 83 82.5 69.0 103.6
 85 59.2 46.3 69.5
 99 63.9 50.9 76.3





#51
Ethyl methacrylate
Concen: 5.048 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

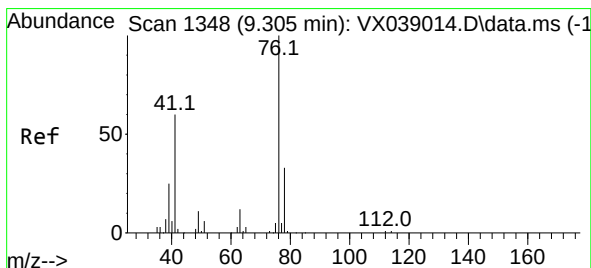
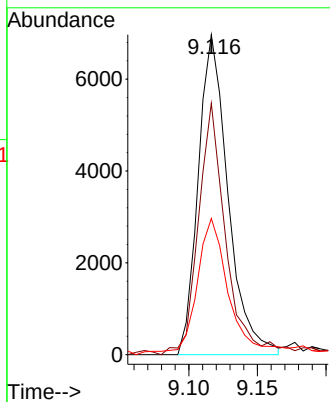
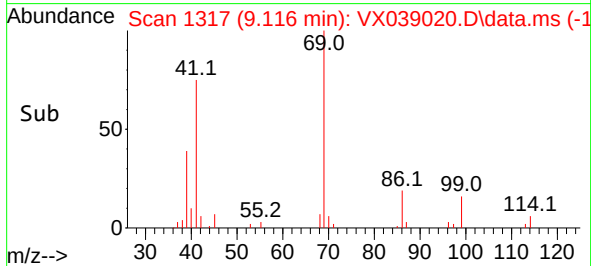
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



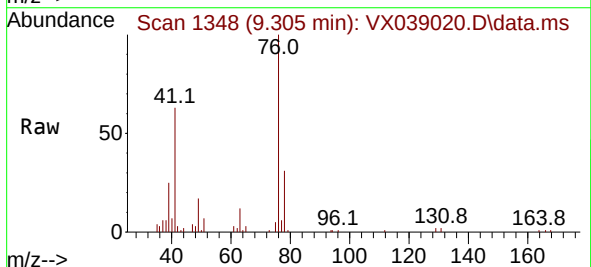
Tgt Ion: 69 Resp: 10549
Ion Ratio Lower Upper
69 100
41 76.5 36.2 108.6
39 41.0 21.1 63.4

Manual Integrations
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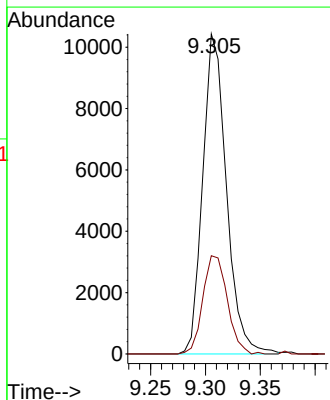
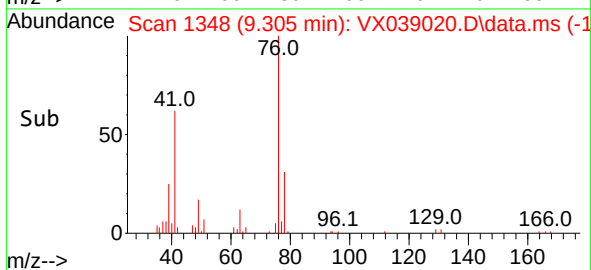
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

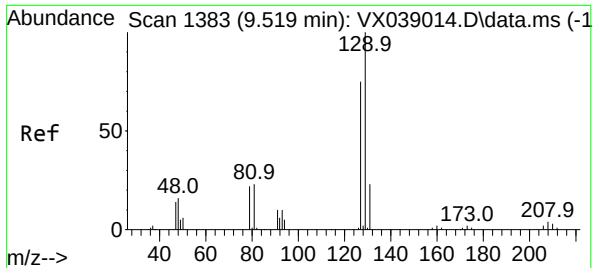


#52
1,3-Dichloropropane
Concen: 5.485 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15



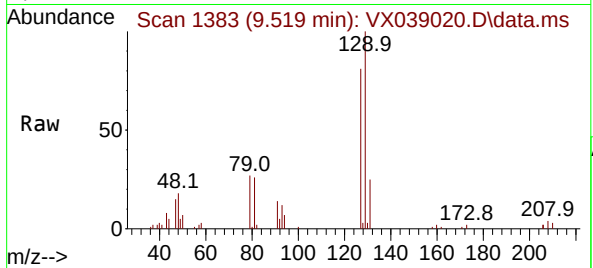
Tgt Ion: 76 Resp: 15695
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.0





#53
Dibromochloromethane
Concen: 5.101 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

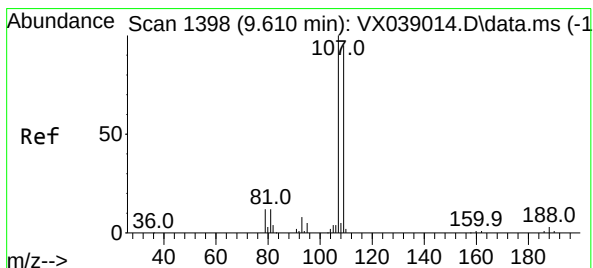
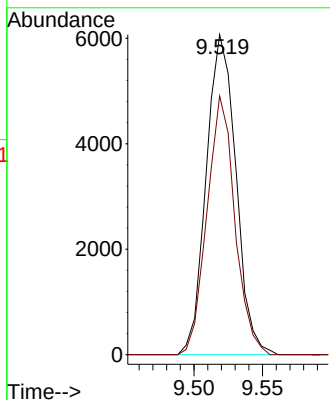
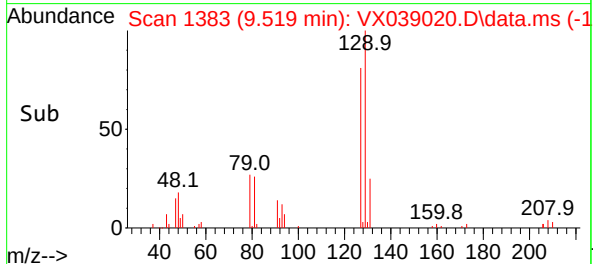
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:129 Resp: 914
Ion Ratio Lower Upper
129 100
127 75.9 38.3 114.9

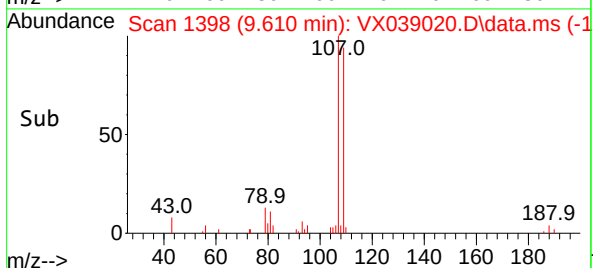
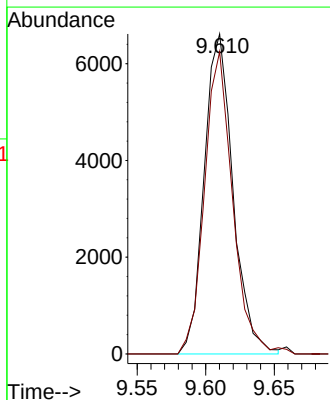
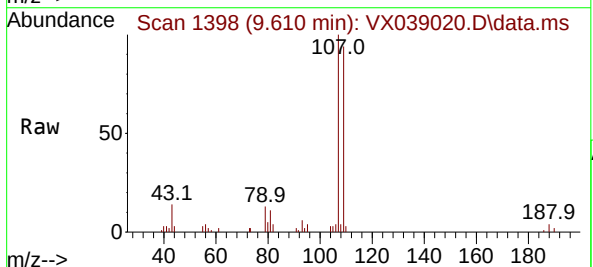
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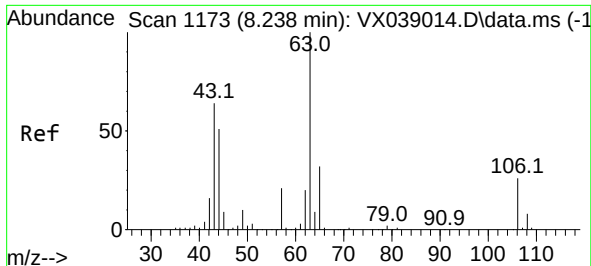
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#54
1,2-Dibromoethane
Concen: 5.299 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion:107 Resp: 9696
Ion Ratio Lower Upper
107 100
109 91.5 75.1 112.7





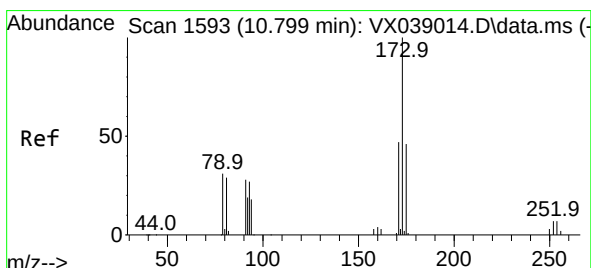
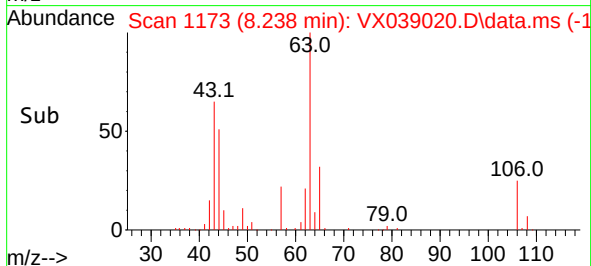
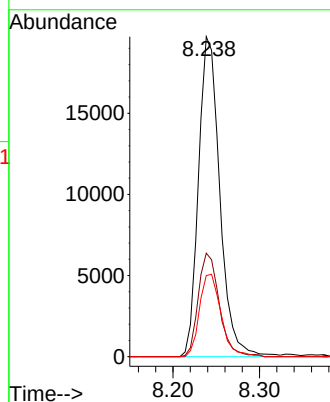
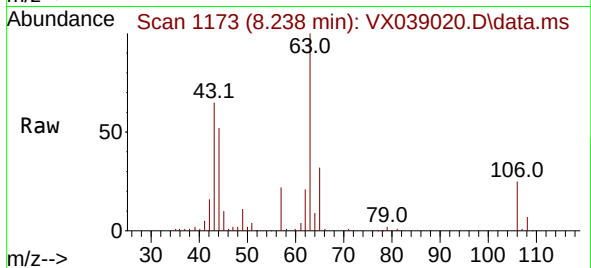
#55
2-Chloroethyl vinyl ether
Concen: 25.498 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 33740
Ion Ratio Lower Upper
63 100
65 31.5 25.8 38.6
106 26.0 20.6 31.0

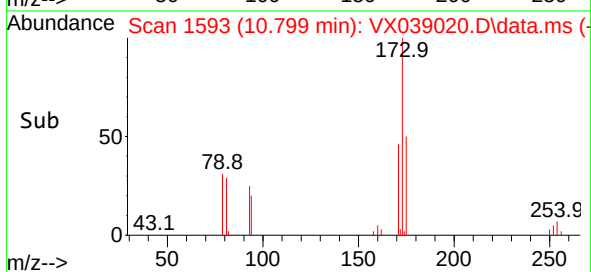
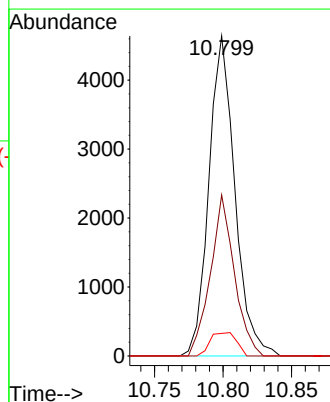
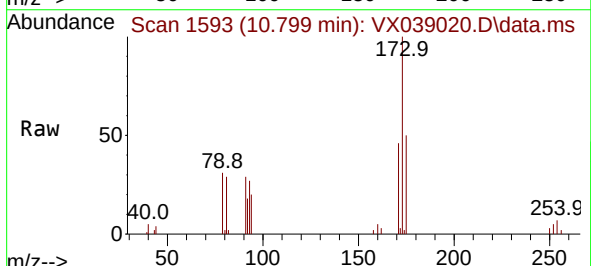
Manual Integrations
APPROVED

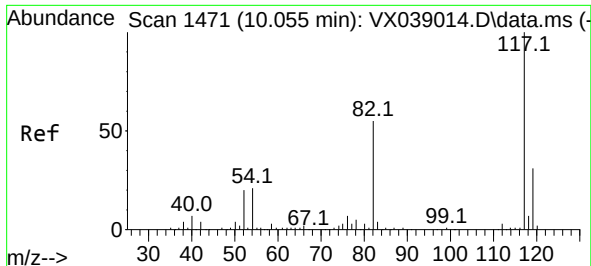
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#56
Bromoform
Concen: 4.729 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

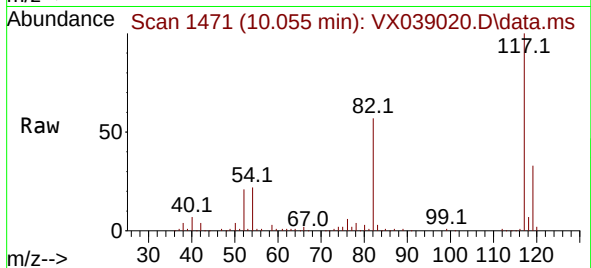
Tgt Ion:173 Resp: 6117
Ion Ratio Lower Upper
173 100
175 46.4 37.6 56.4
254 7.4 5.8 8.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

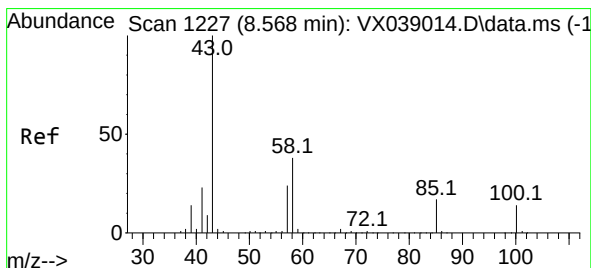
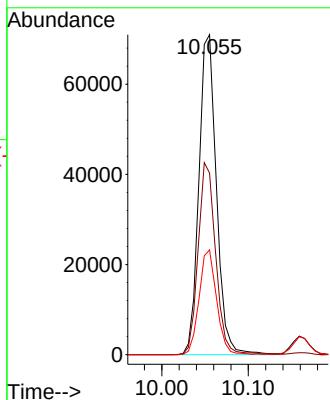
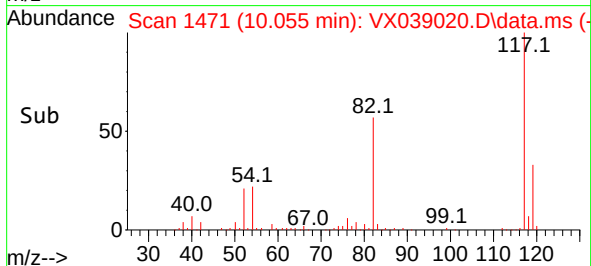
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 10001
Ion Ratio Lower Upper
117 100
82 59.8 47.0 70.6
119 32.6 25.2 37.8

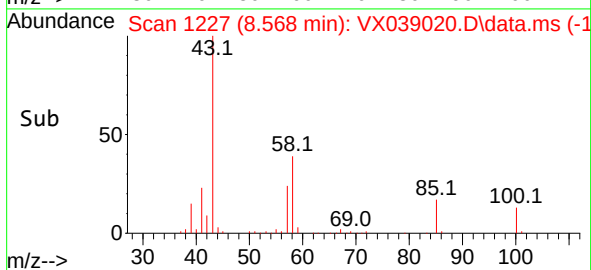
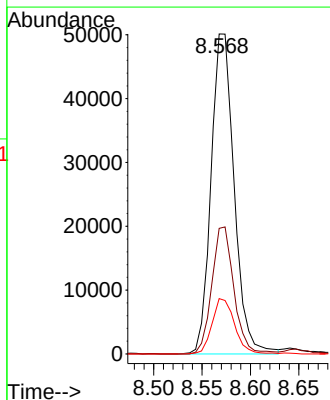
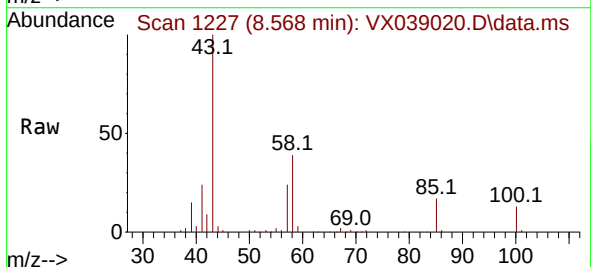
Manual Integrations
APPROVED

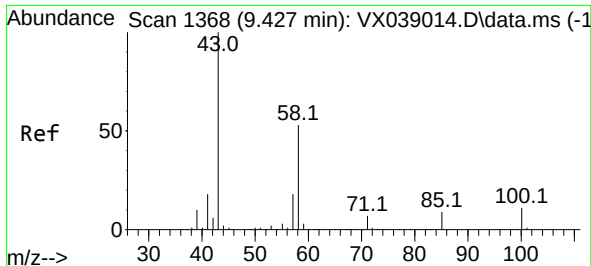
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#58
4-Methyl-2-Pentanone
Concen: 27.517 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 43 Resp: 83460
Ion Ratio Lower Upper
43 100
58 38.1 30.1 45.1
85 16.9 13.9 20.9





#59

2-Hexanone

Concen: 27.492 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 6844

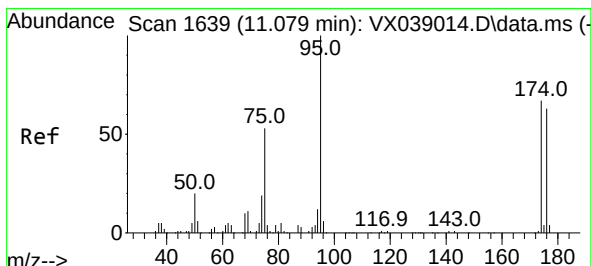
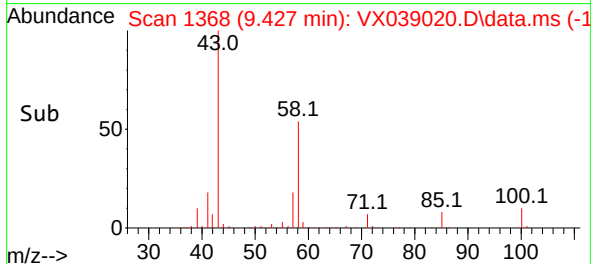
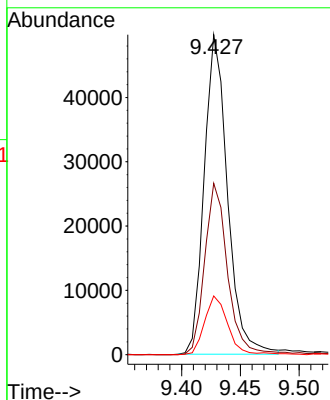
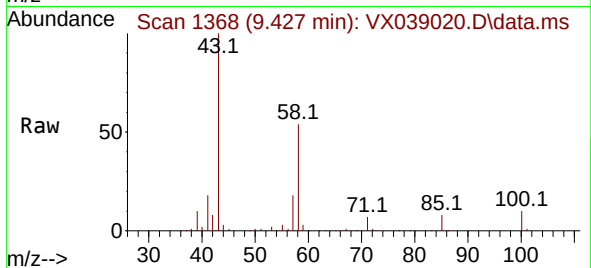
Ion	Ratio	Lower	Upper
43	100		
58	52.9	42.7	64.1
57	17.9	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#60

4-Bromofluorobenzene

Concen: 29.593 ug/l

RT: 11.079 min Scan# 1639

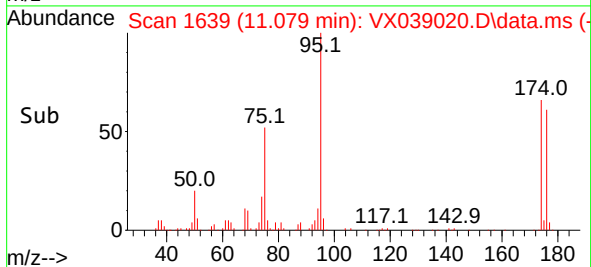
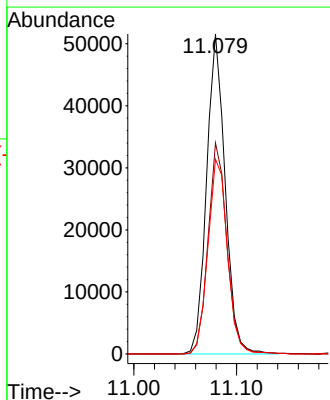
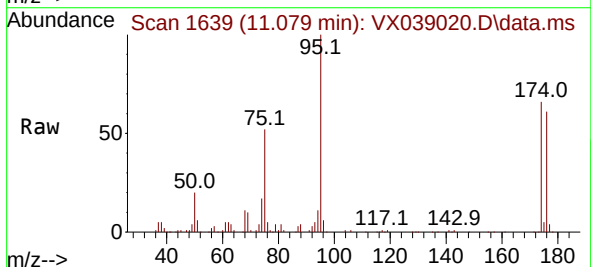
Delta R.T. 0.000 min

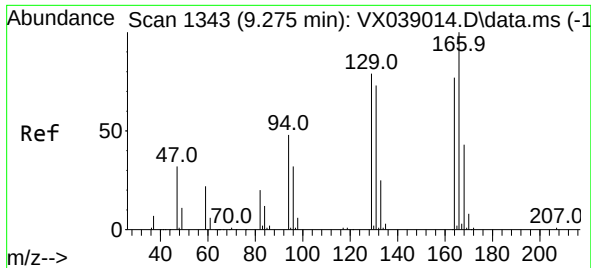
Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Tgt Ion: 95 Resp: 64647

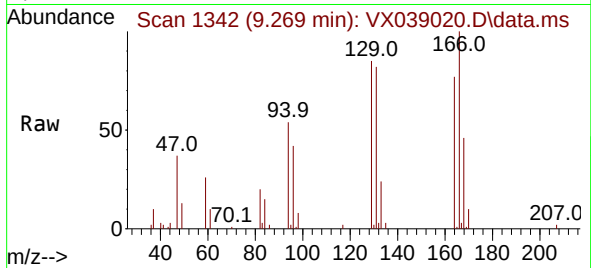
Ion	Ratio	Lower	Upper
95	100		
174	66.9	55.4	83.2
176	63.8	52.6	78.8





#61
Tetrachloroethene
Concen: 5.514 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

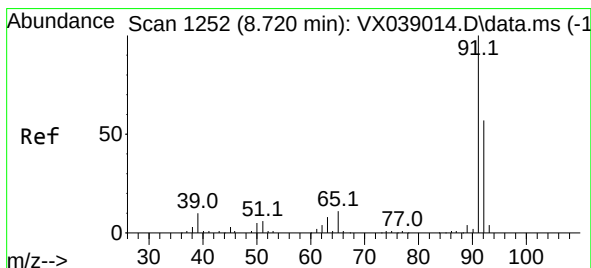
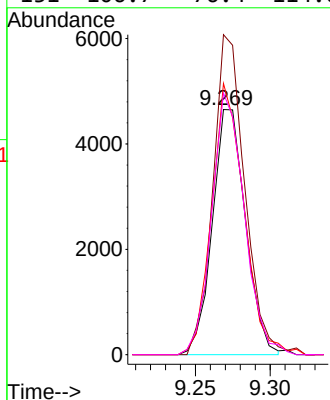
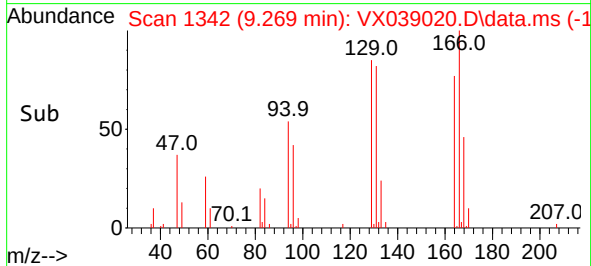
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:164 Resp: 7170
Ion Ratio Lower Upper
164 100
166 130.5 104.0 156.0
129 110.6 82.0 123.0
131 106.7 76.4 114.6

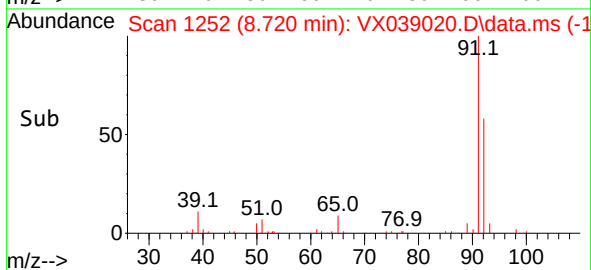
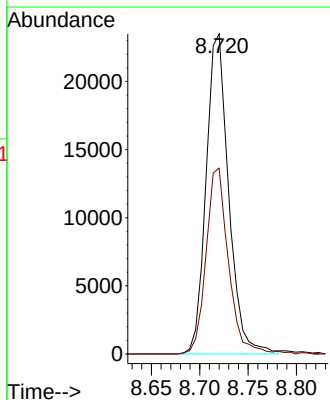
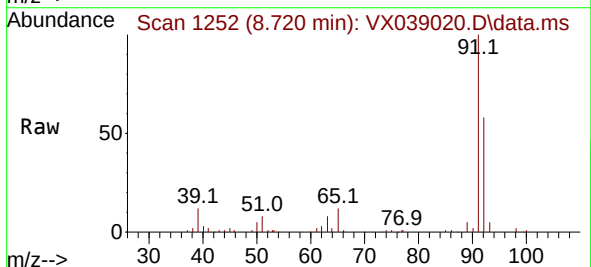
Manual Integrations
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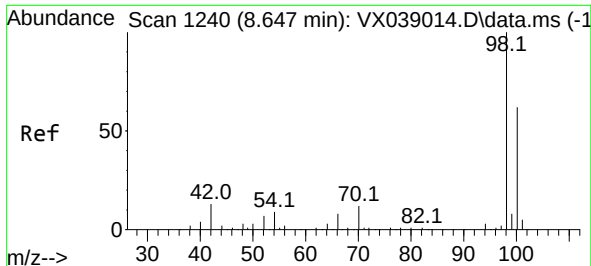
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#62
Toluene
Concen: 5.387 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

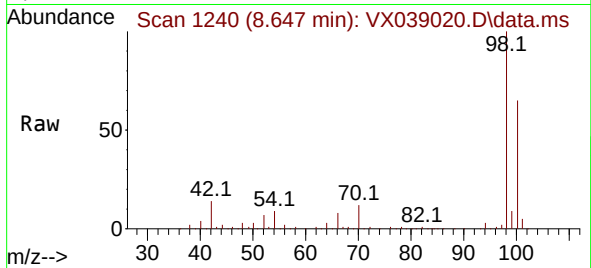
Tgt Ion: 91 Resp: 38251
Ion Ratio Lower Upper
91 100
92 57.2 45.9 68.9





#63
Toluene-d8
Concen: 30.625 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

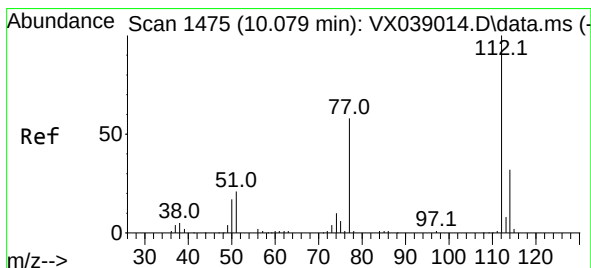
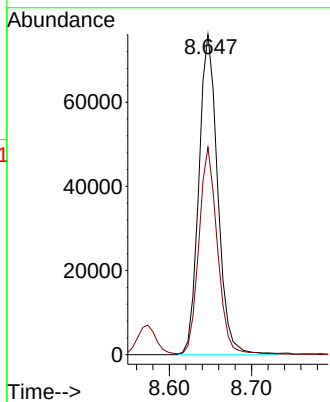
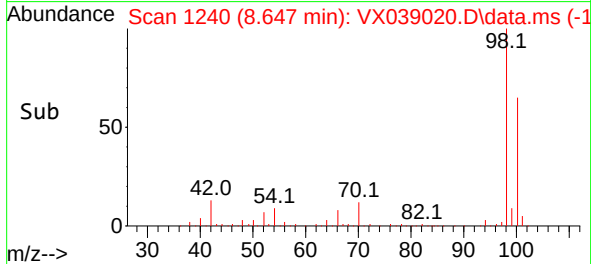
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



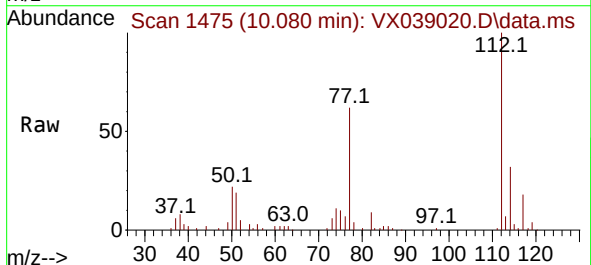
Tgt Ion: 98 Resp: 12110
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.4

Manual Integrations
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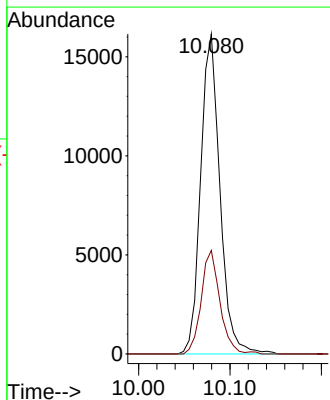
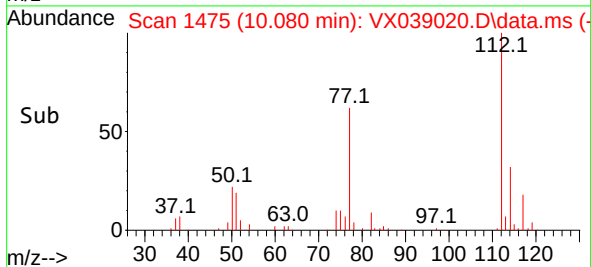
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

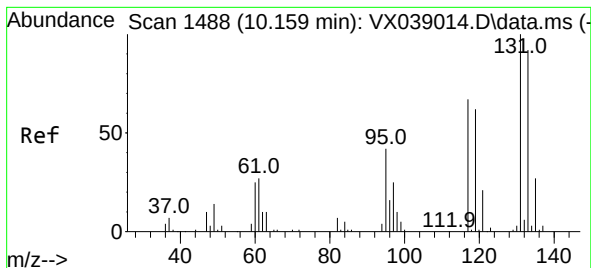


#64
Chlorobenzene
Concen: 5.476 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15



Tgt Ion:112 Resp: 23654
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9





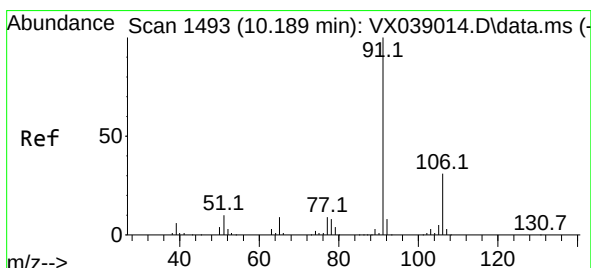
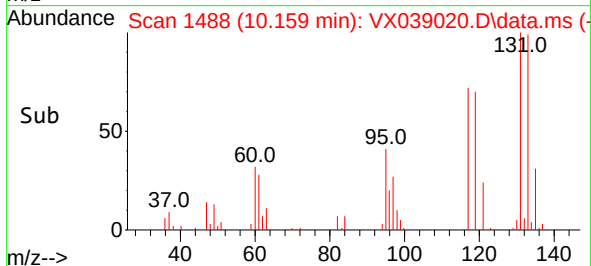
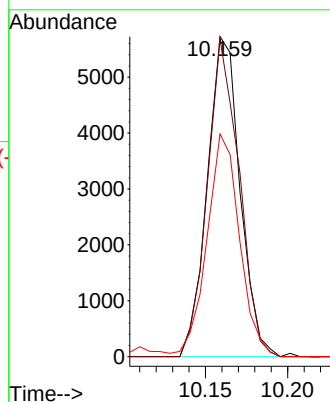
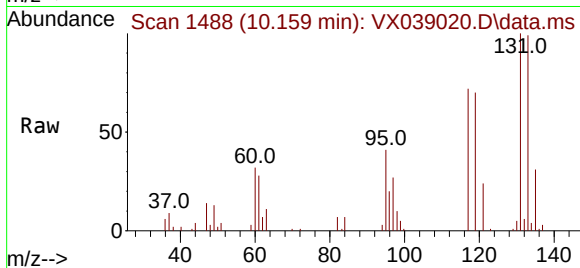
#65
1,1,1,2-Tetrachloroethane
Concen: 5.100 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 793
Ion Ratio Lower Upper
131 100
133 96.0 0.0 191.8
119 69.2 0.0 135.4

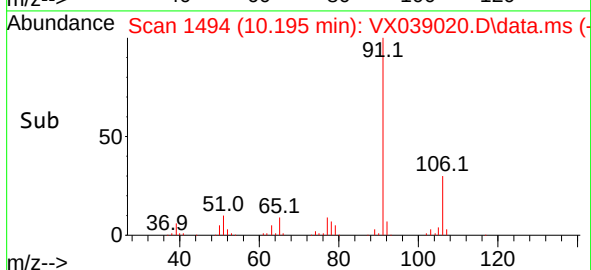
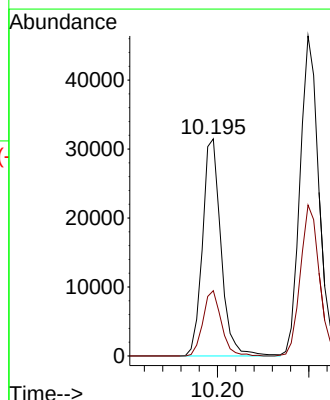
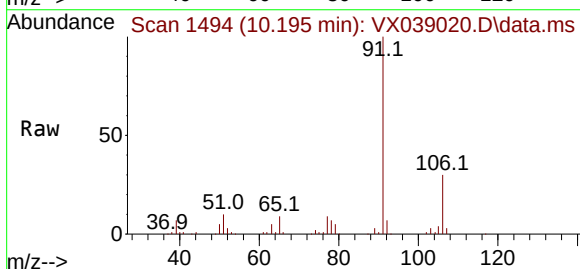
Manual Integrations
APPROVED

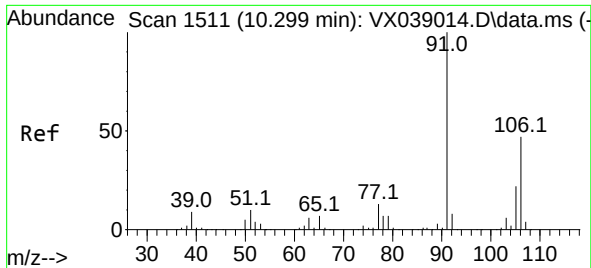
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#66
Ethyl Benzene
Concen: 5.465 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 91 Resp: 44186
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6





#67

m/p-Xylenes

Concen: 10.676 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:106 Resp: 3189

Ion Ratio Lower Upper

106 100

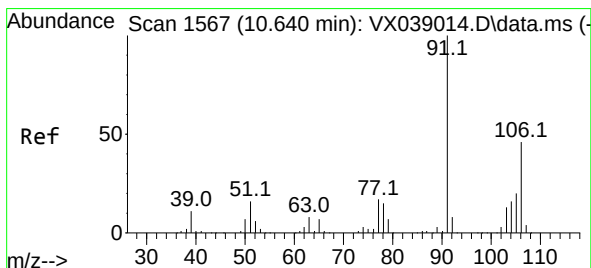
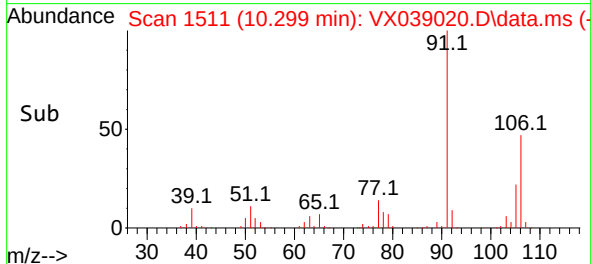
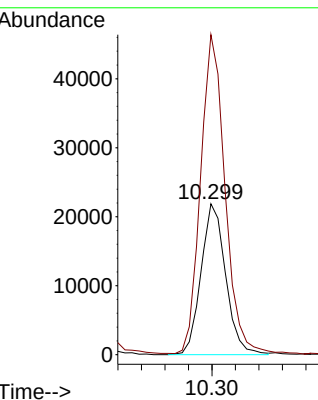
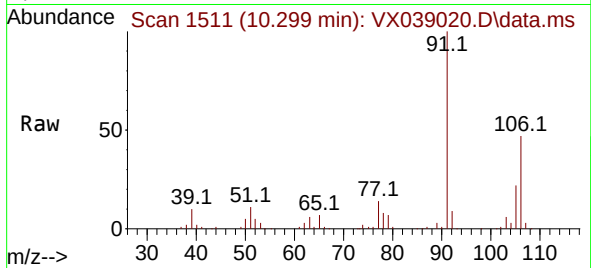
91 212.2 169.4 254.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#68

o-Xylene

Concen: 5.303 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039020.D

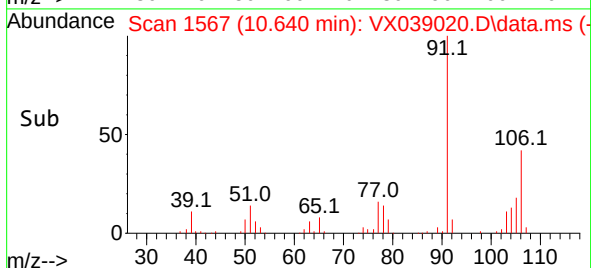
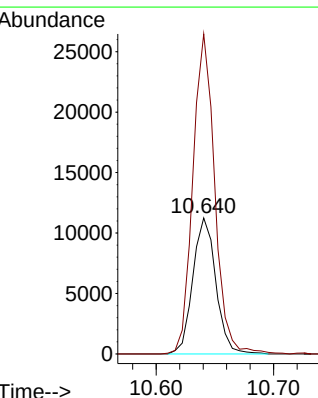
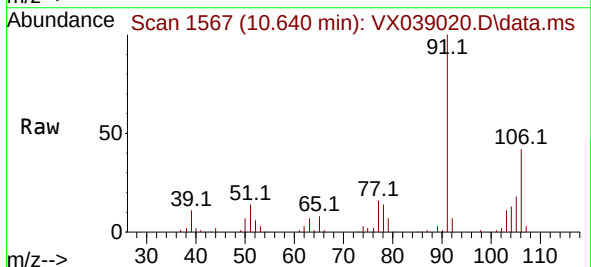
Acq: 24 Nov 2023 13:15

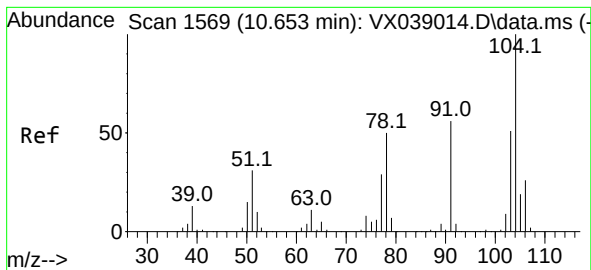
Tgt Ion:106 Resp: 15348

Ion Ratio Lower Upper

106 100

91 222.9 111.2 333.6





#69

Styrene

Concen: 5.135 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

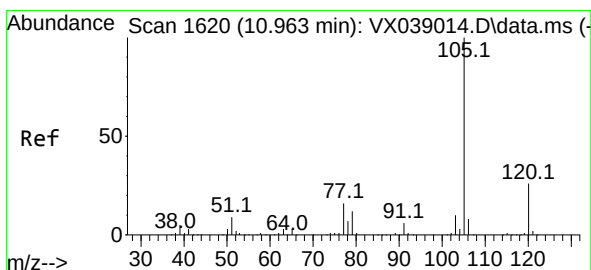
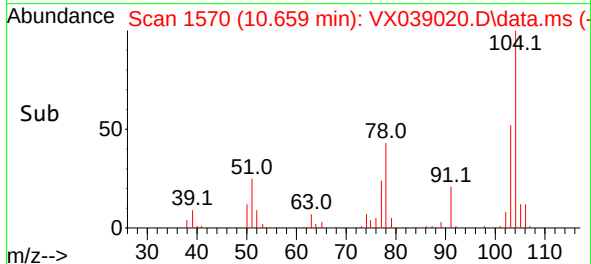
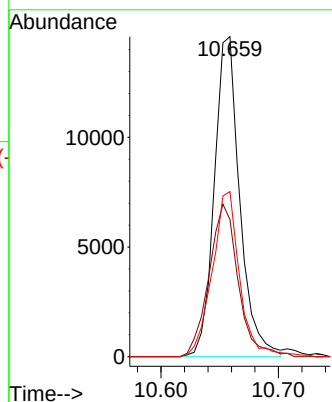
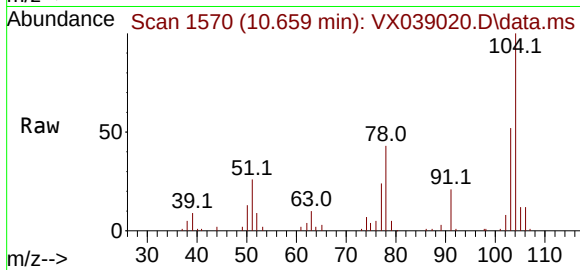
Tgt Ion:104 Resp: 21998
 Ion Ratio Lower Upper
 104 100
 78 54.8 43.7 65.5
 103 55.8 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#70

Isopropylbenzene

Concen: 5.262 ug/l

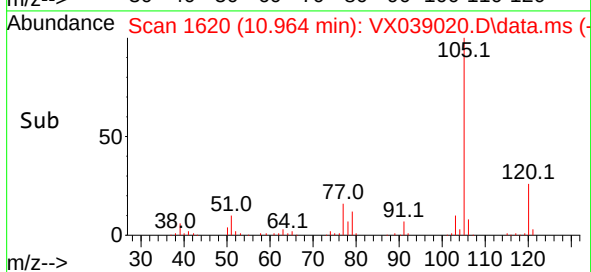
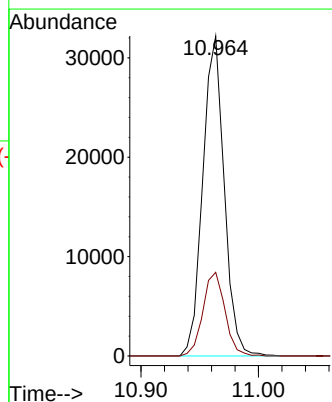
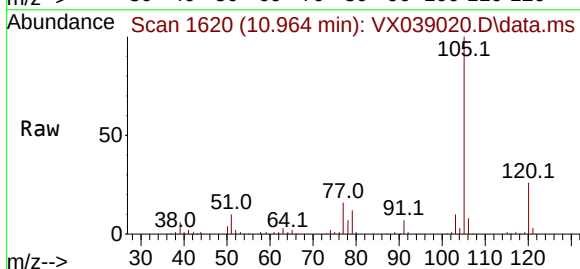
RT: 10.964 min Scan# 1620

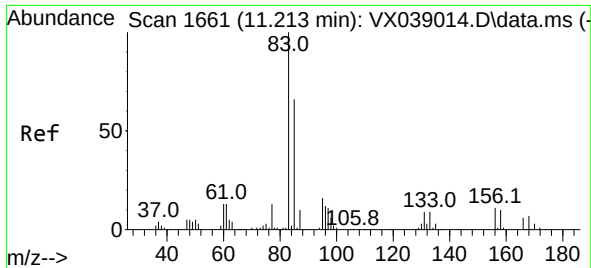
Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Tgt Ion:105 Resp: 40747
 Ion Ratio Lower Upper
 105 100
 120 26.9 18.5 34.3





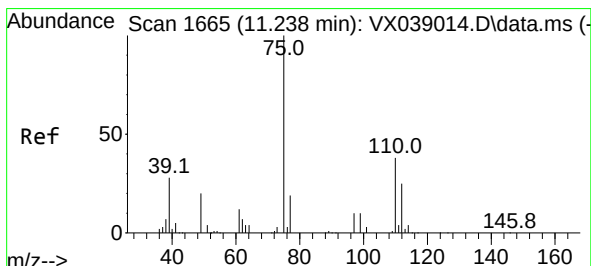
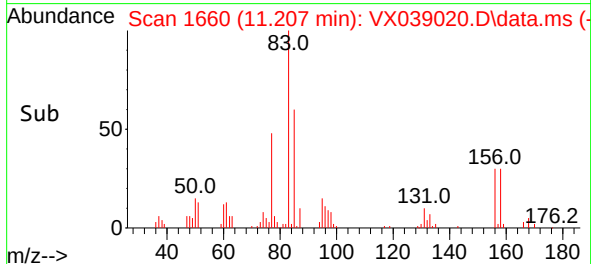
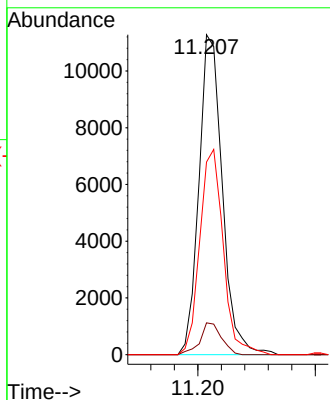
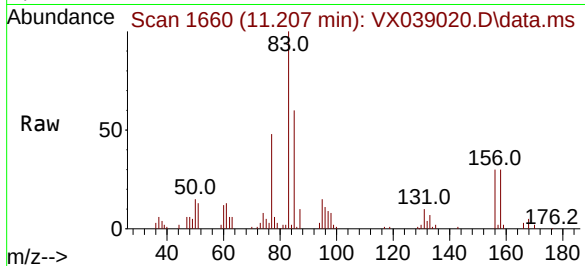
#71
1,1,2,2-Tetrachloroethane
Concen: 5.396 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 15600
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 64.3 32.5 97.4

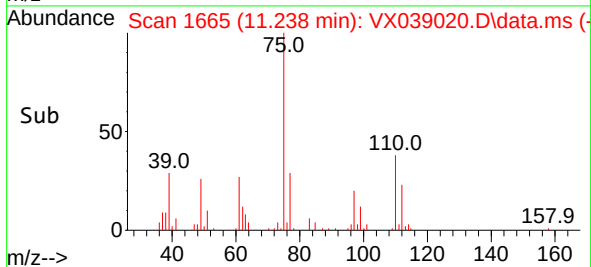
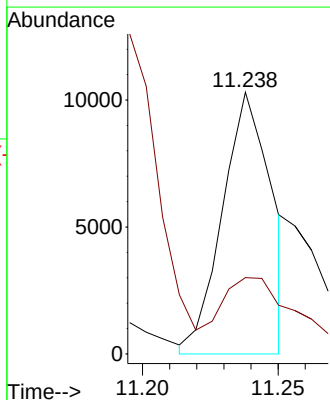
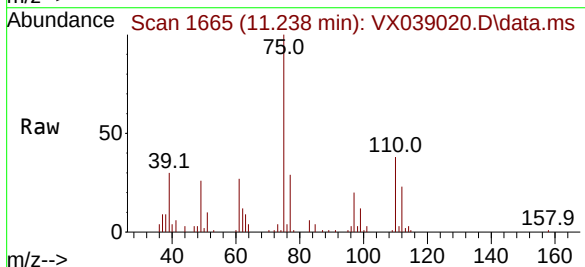
Manual Integrations
APPROVED

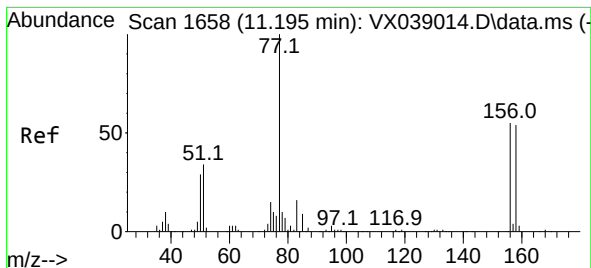
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#72
1,2,3-Trichloropropane
Concen: 3.890 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 75 Resp: 12923
Ion Ratio Lower Upper
75 100
77 45.7 0.0 76.4





#73

Bromobenzene

Concen: 5.367 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

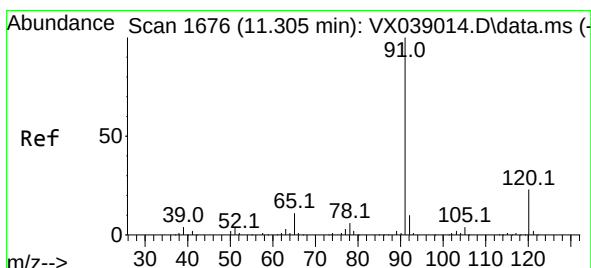
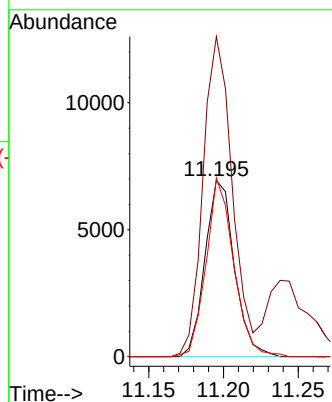
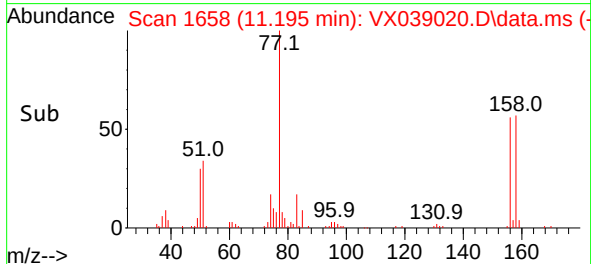
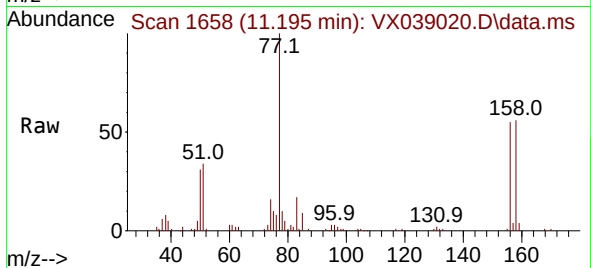
Tgt Ion:	156	Resp:	946
Ion Ratio	Lower	Upper	
156	100		
77	180.2	0.0	363.2
158	95.3	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#74

n-propylbenzene

Concen: 5.225 ug/l

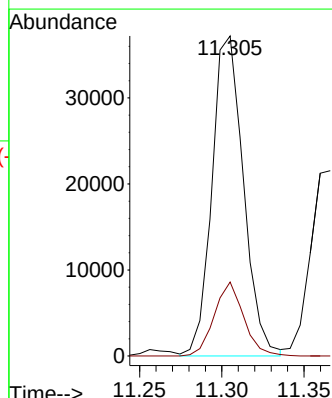
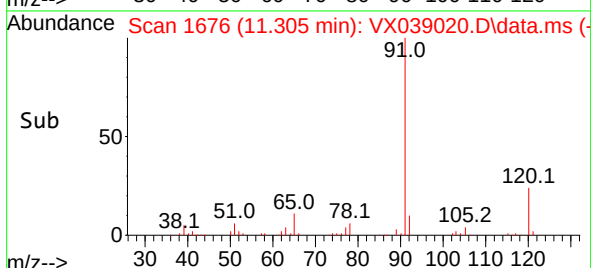
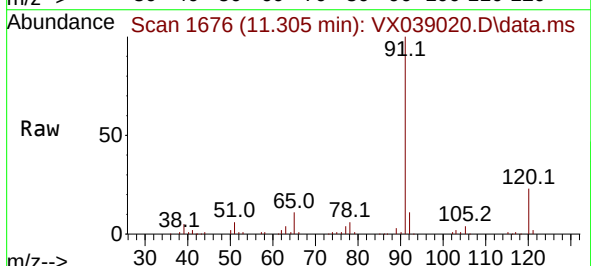
RT: 11.305 min Scan# 1676

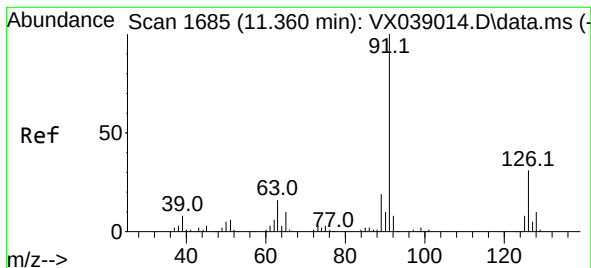
Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Tgt Ion:	91	Resp:	49576
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	43.4





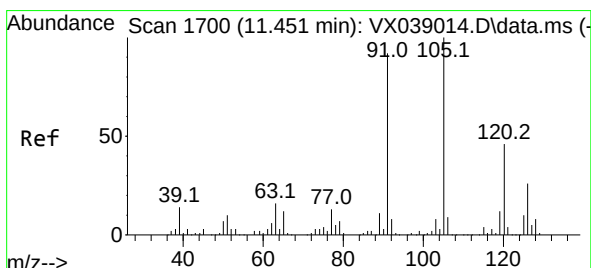
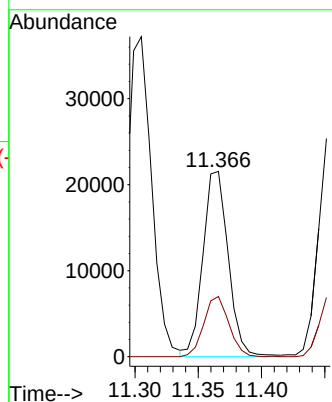
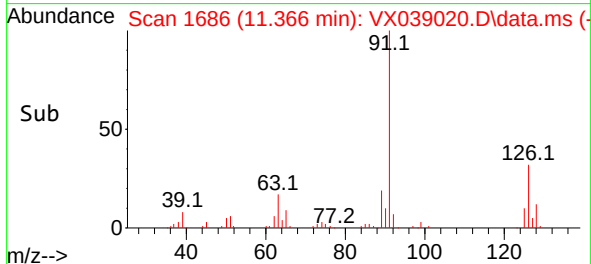
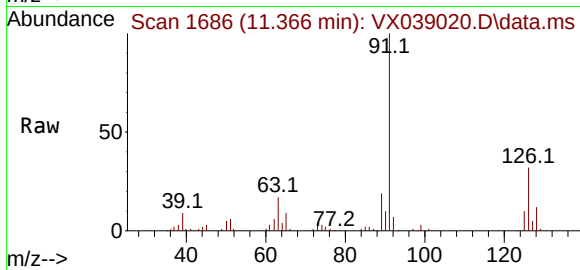
#75
2-Chlorotoluene
Concen: 5.399 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3005
Ion Ratio Lower Upper
91 100
126 32.0 0.0 64.2

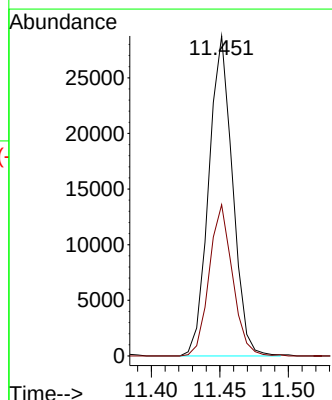
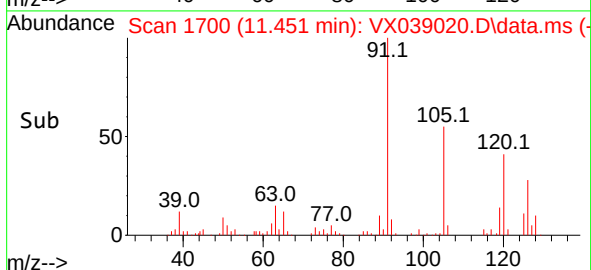
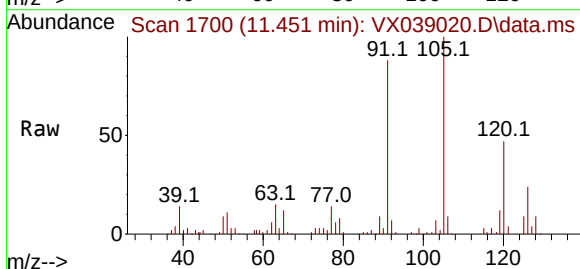
Manual Integrations
APPROVED

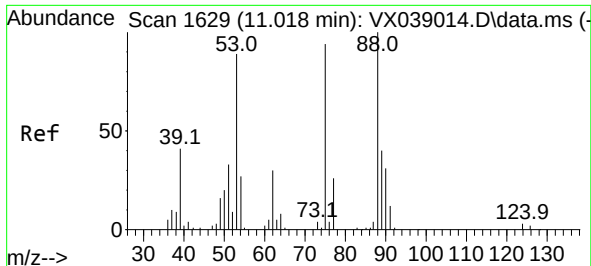
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 5.211 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion:105 Resp: 34763
Ion Ratio Lower Upper
105 100
120 46.2 0.0 92.6





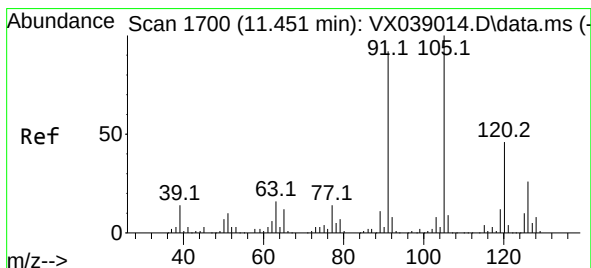
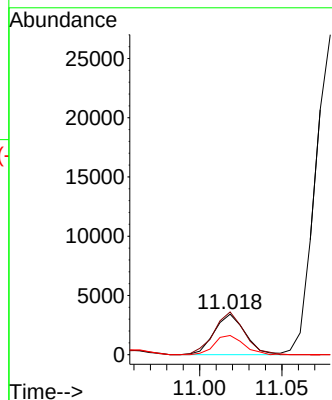
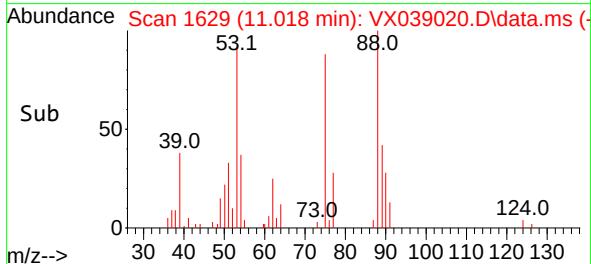
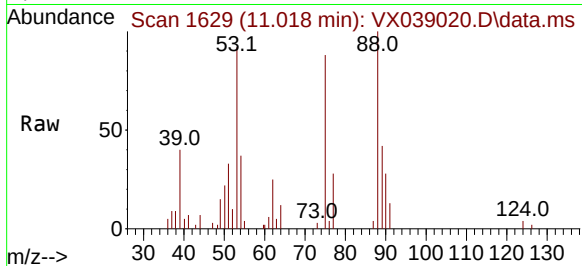
#77
t-1,4-Dichloro-2-butene
Concen: 4.600 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 4459
Ion Ratio Lower Upper
75 100
53 105.5 46.9 140.8
89 47.5 21.3 63.7

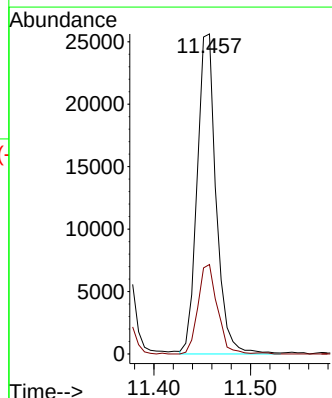
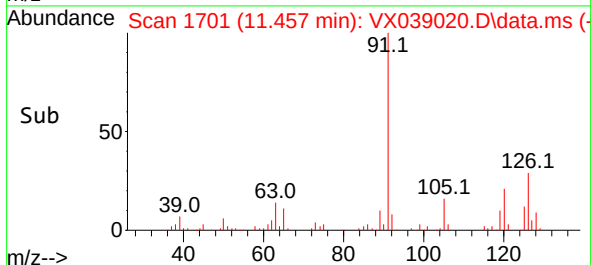
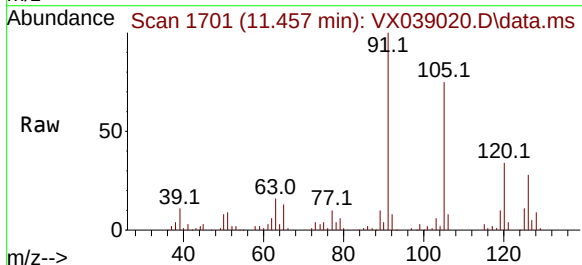
Manual Integrations
APPROVED

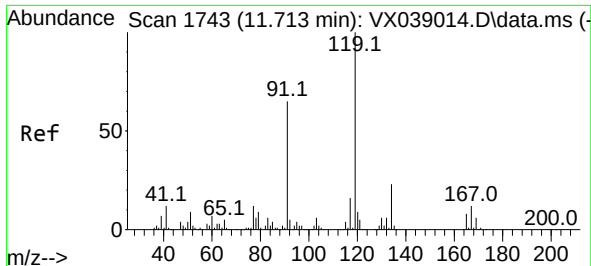
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#78
4-Chlorotoluene
Concen: 5.350 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 91 Resp: 35009
Ion Ratio Lower Upper
91 100
126 28.4 0.0 57.4





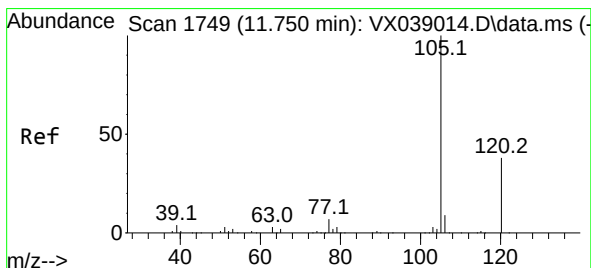
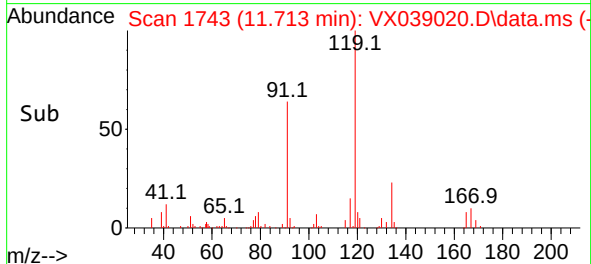
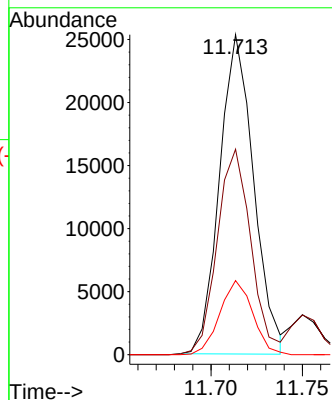
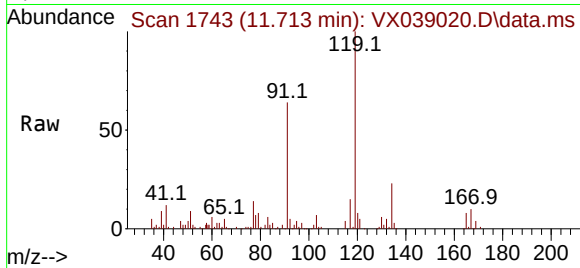
#79
tert-butylbenzene
Concen: 5.194 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 3294
Ion Ratio Lower Upper
119 100
91 63.7 0.0 125.6
134 22.4 0.0 43.8

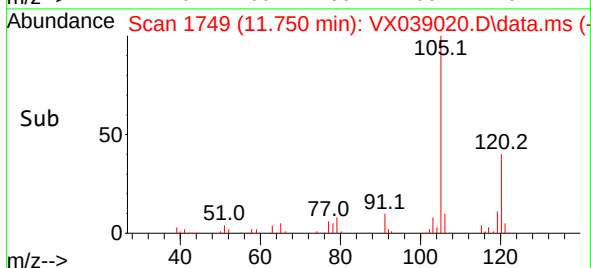
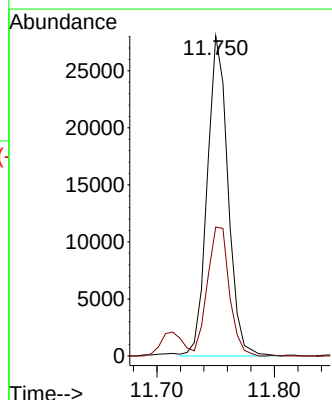
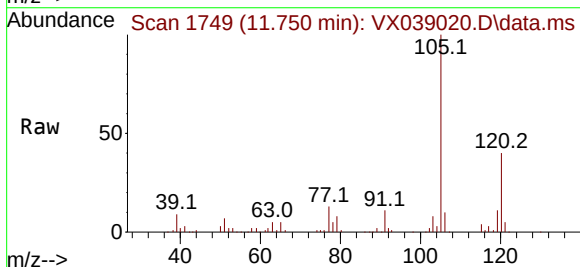
Manual Integrations
APPROVED

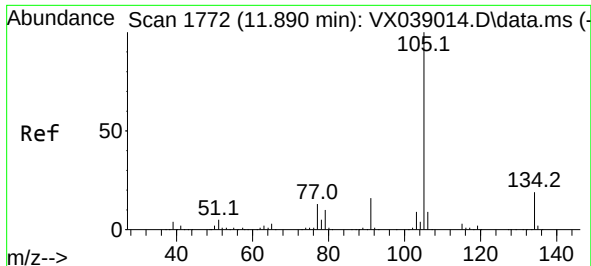
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 5.143 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

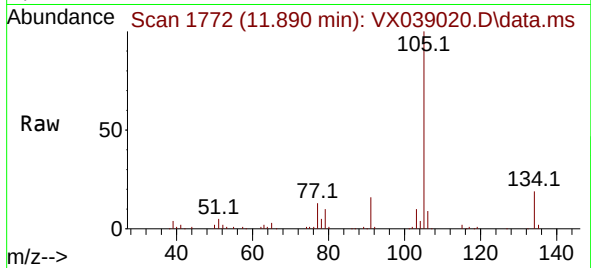
Tgt Ion:105 Resp: 34339
Ion Ratio Lower Upper
105 100
120 42.5 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 5.205 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039020.D
 Acq: 24 Nov 2023 13:15

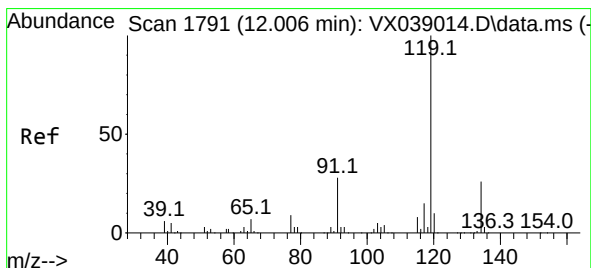
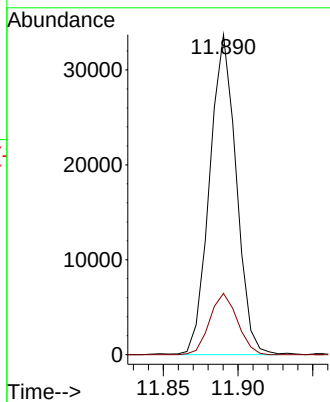
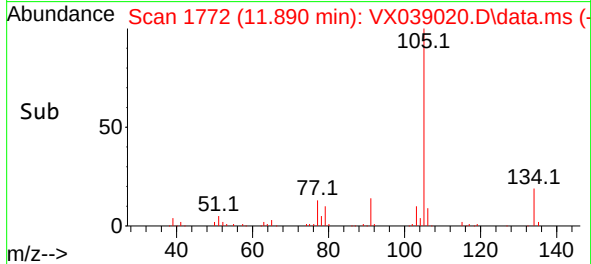
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



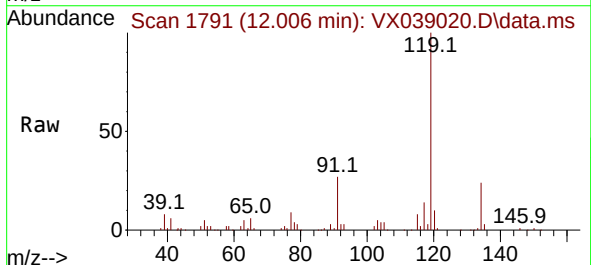
Tgt Ion:105 Resp: 41730
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 38.4

Manual Integrations
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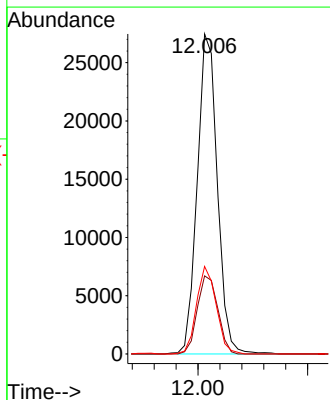
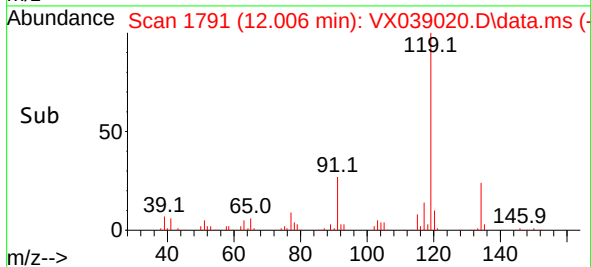
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023

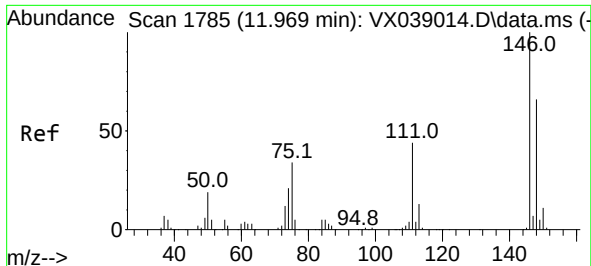


#82
 p-Isopropyltoluene
 Concen: 5.138 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039020.D
 Acq: 24 Nov 2023 13:15



Tgt Ion:119 Resp: 34923
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 52.6
 91 26.7 0.0 54.2





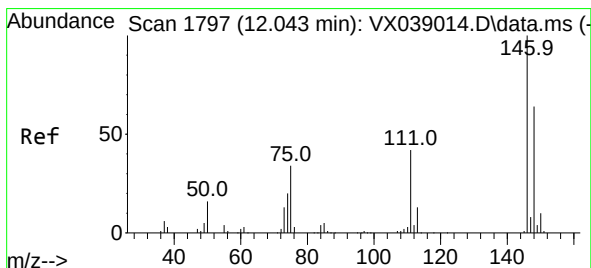
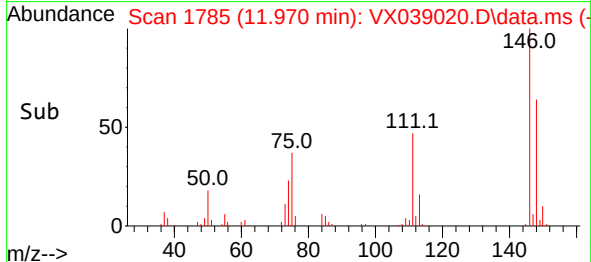
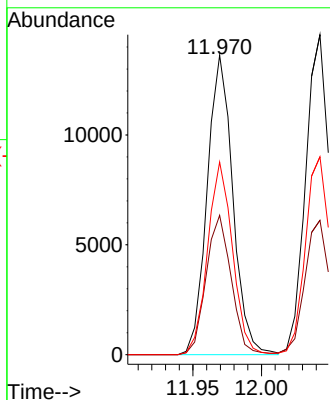
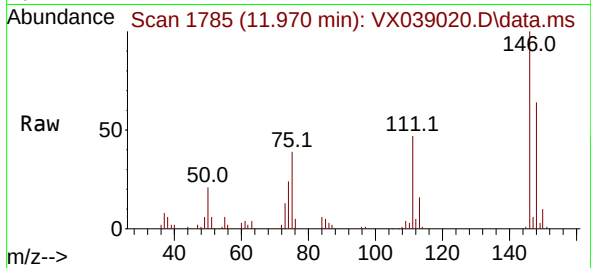
#83
1,3-Dichlorobenzene
Concen: 5.271 ug/l
RT: 11.970 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 1778
Ion Ratio Lower Upper
146 100
111 45.5 22.3 66.9
148 62.4 32.8 98.3

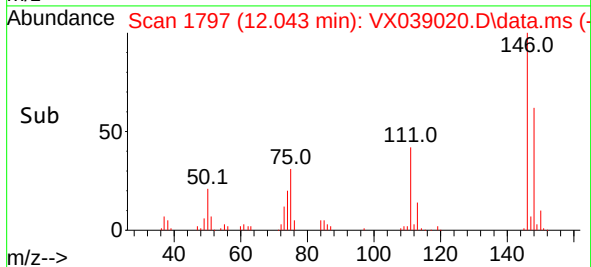
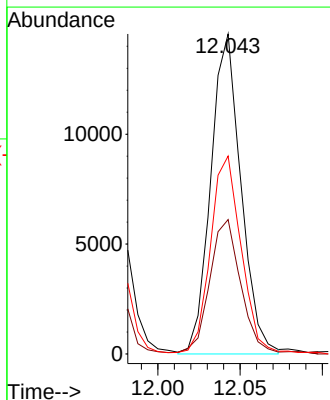
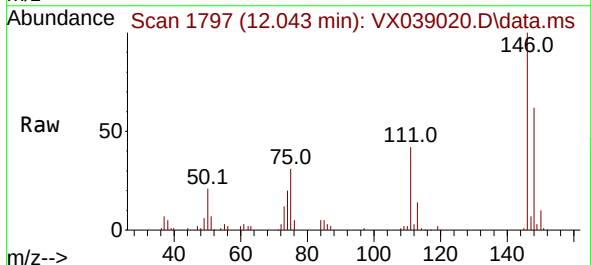
Manual Integrations
APPROVED

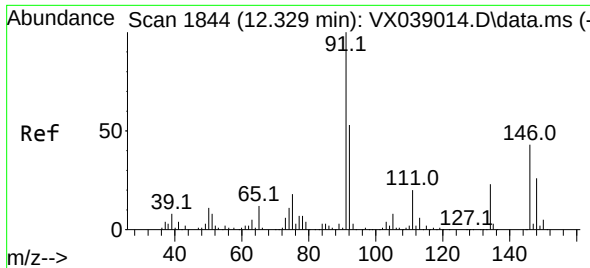
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#84
1,4-Dichlorobenzene
Concen: 5.379 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

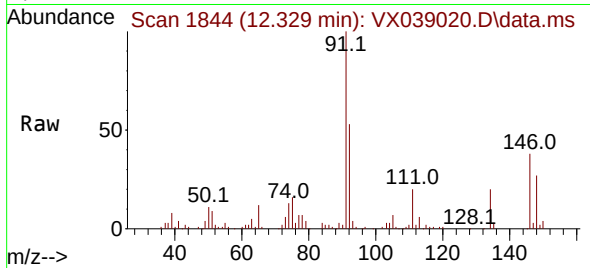
Tgt Ion:146 Resp: 18620
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.2
148 63.0 31.8 95.4





#85
n-Butylbenzene
Concen: 5.121 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

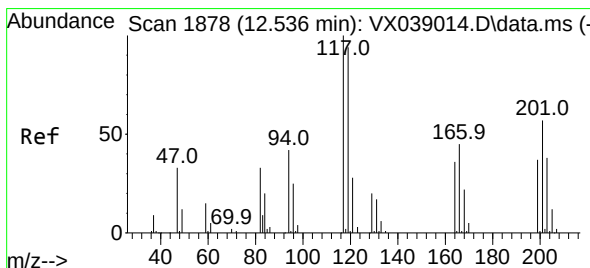
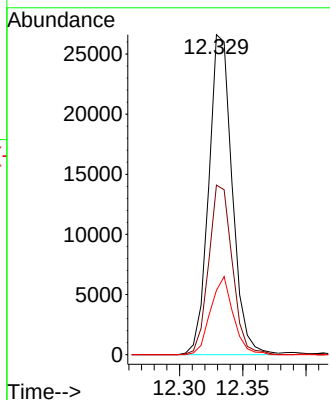
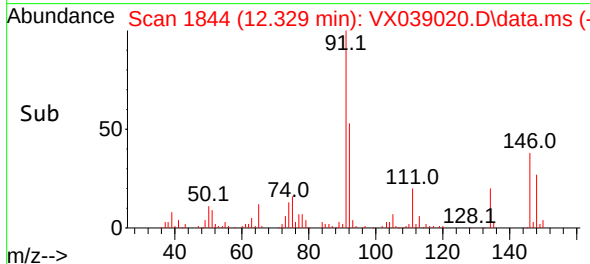
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 3437
Ion Ratio Lower Upper
91 100
92 53.2 0.0 106.2
134 23.5 0.0 48.8

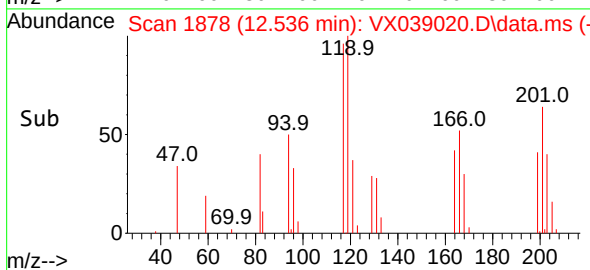
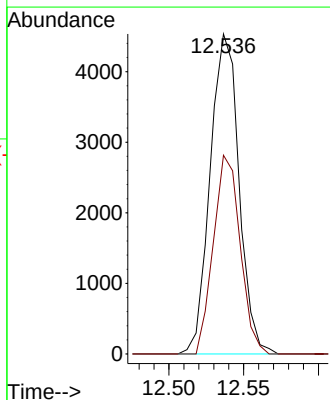
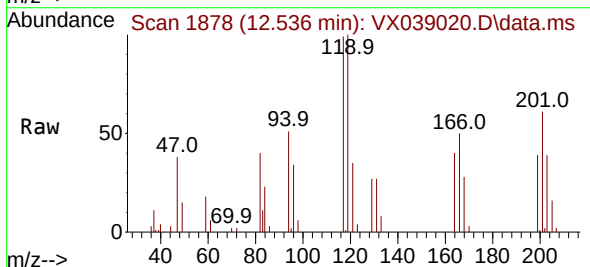
Manual Integrations
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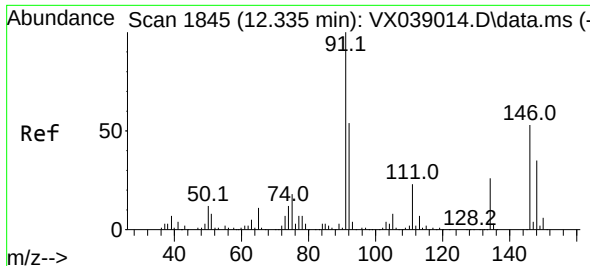
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#86
Hexachloroethane
Concen: 4.722 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

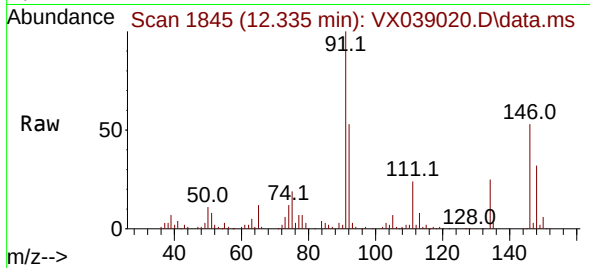
Tgt Ion:117 Resp: 6081
Ion Ratio Lower Upper
117 100
201 57.6 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 5.354 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

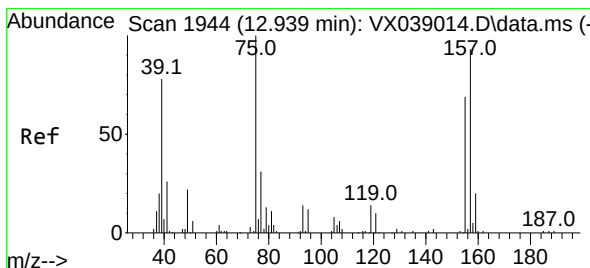
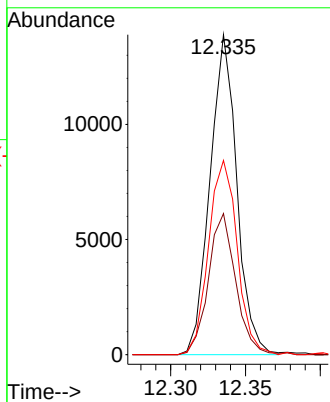
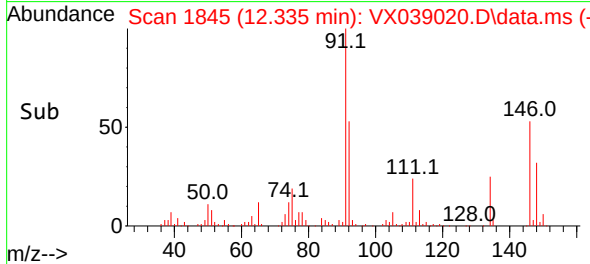
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



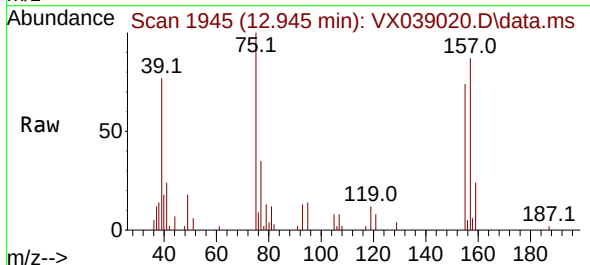
Tgt Ion:146 Resp: 1737
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.2
148 64.6 31.9 95.7

Manual Integrations
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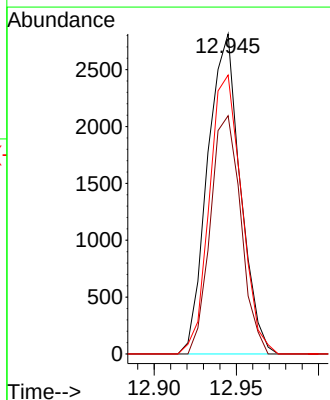
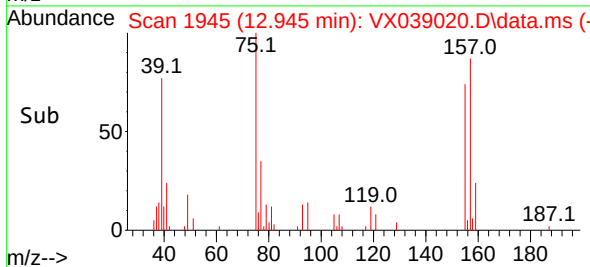
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

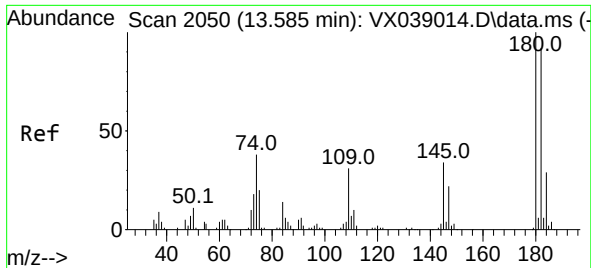


#88
1,2-Dibromo-3-Chloropropane
Concen: 5.282 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15



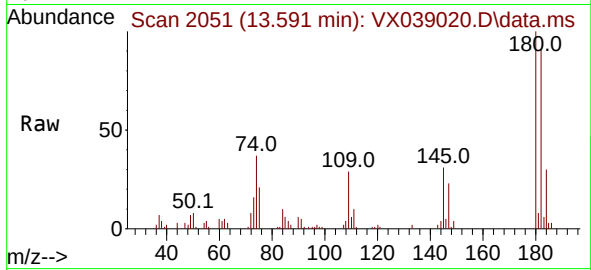
Tgt Ion: 75 Resp: 3905
Ion Ratio Lower Upper
75 100
155 69.3 58.2 87.4
157 85.6 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 5.164 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

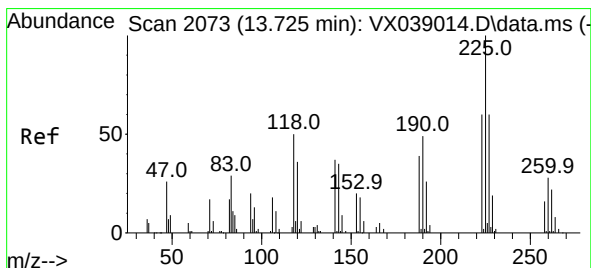
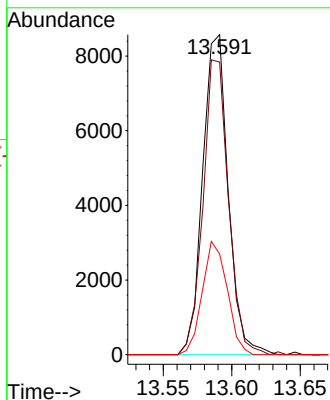
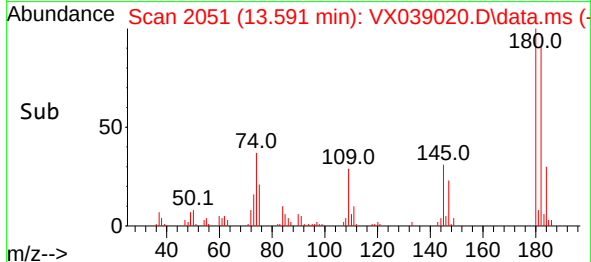
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:180 Resp: 1110
Ion Ratio Lower Upper
180 100
182 91.8 74.5 111.7
145 34.6 26.6 40.0

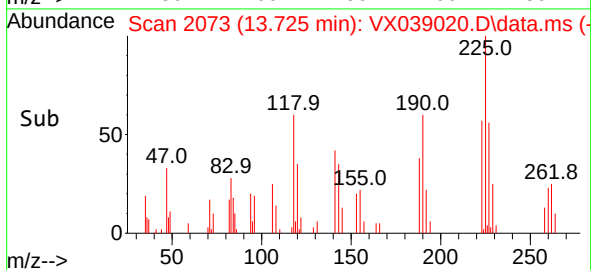
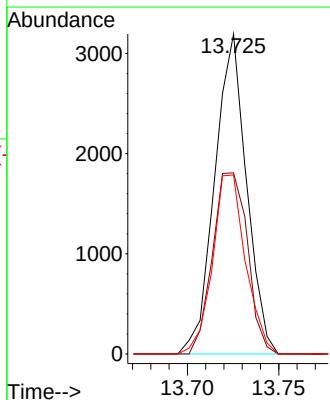
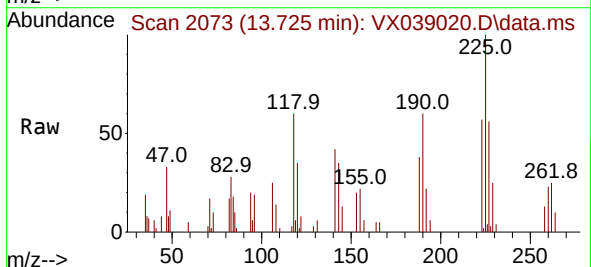
Manual Integrations
APPROVED

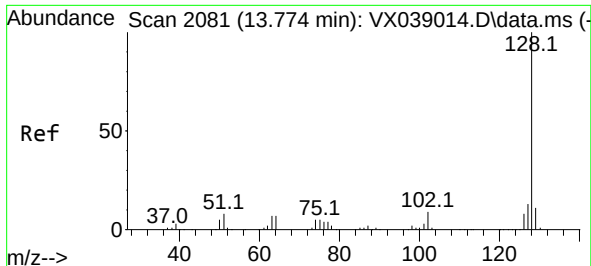
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#90
Hexachlorobutadiene
Concen: 5.027 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

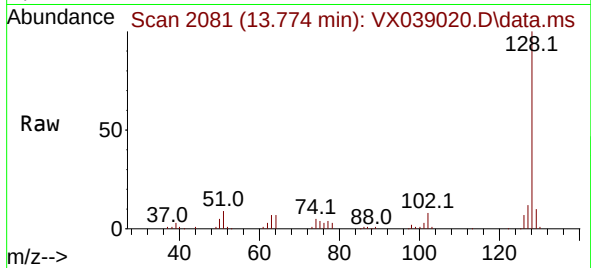
Tgt Ion:225 Resp: 3861
Ion Ratio Lower Upper
225 100
223 62.2 0.0 124.4
227 58.4 0.0 124.4





#91
Naphthalene
Concen: 5.405 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

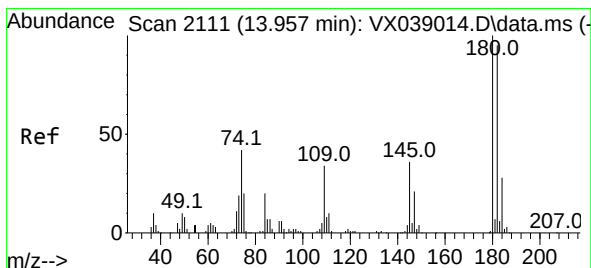
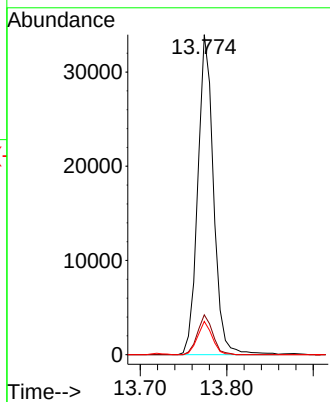
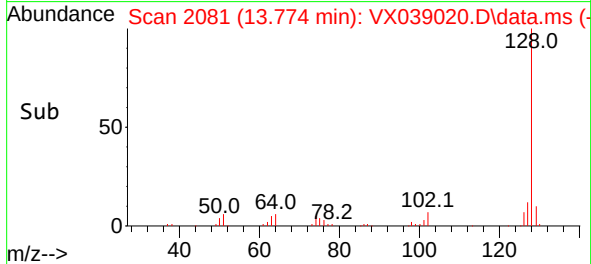
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



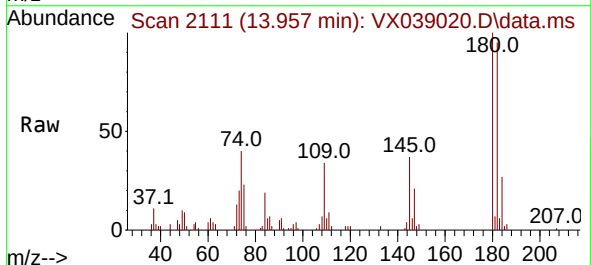
Tgt Ion:128 Resp: 42874
Ion Ratio Lower Upper
128 100
127 12.0 10.2 15.2
129 9.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 5.152 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15



Tgt Ion:180 Resp: 10735
Ion Ratio Lower Upper
180 100
182 96.9 0.0 191.6
145 37.3 0.0 69.6

