

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039015.D
 Acq On : 24 Nov 2023 10:07
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 27 03:07:15 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

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

Internal Standards						
1) Bromochloromethane	4.897	128	10678	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	85405	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	108188	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	43489	29.770	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.233%		
60) 4-Bromofluorobenzene	11.079	95	71086	30.083	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.267%		
63) Toluene-d8	8.647	98	127972	29.918	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.733%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	83958	52.532	ug/l	100
3) Chloromethane	1.294	50	94547	51.665	ug/l	95
4) Vinyl Chloride	1.374	62	95949	51.935	ug/l	98
5) Bromomethane	1.599	94	62238	55.079	ug/l	95
6) Chloroethane	1.685	64	57696	51.962	ug/l	96
7) Trichlorofluoromethane	1.886	101	132985	52.154	ug/l	96
8) Diethyl Ether	2.130	74	51568	52.686	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	75536	52.423	ug/l	100
10) 1,1-Dichloroethene	2.319	96	75042	51.666	ug/l	94
11) Methyl Iodide	2.453	142	80515	50.588	ug/l	100
12) Methyl Acetate	2.703	43	234483	51.762	ug/l	98
13) Acrolein	2.233	56	99988	251.959	ug/l	96
14) Acrylonitrile	3.062	53	287804	259.762	ug/l	99
15) Acetone	2.373	58	101377	251.722	ug/l	100
16) Carbon Disulfide	2.514	76	226910	51.583	ug/l	96
17) Allyl chloride	2.666	41	151065	52.392	ug/l	97
18) Methylene Chloride	2.788	84	89287	51.860	ug/l	99
19) trans-1,2-Dichloroethene	3.093	96	86327	52.552	ug/l	96
20) Diisopropyl ether	3.757	45	287557	52.407	ug/l	93
21) 1,1-Dichloroethane	3.611	63	161030	52.783	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	100208	52.637	ug/l	100
23) tert-Butyl Alcohol	2.953	59	151944	247.717	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	281963	52.699	ug/l	100
25) Chloroform	5.092	83	162704	53.137	ug/l	97
26) Cyclohexane	5.470	56	146488	53.052	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	123077	51.408	ug/l	100
30) 2-Butanone	4.550	43	451327	250.383	ug/l	100
31) 2,2-Dichloropropane	4.477	77	142704	52.132	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	145568	52.605	ug/l	97
33) Carbon Tetrachloride	5.678	117	123842	53.131	ug/l	97
34) Benzene	6.037	78	357108	51.204	ug/l	98
35) Methacrylonitrile	4.916	41	82017	51.367	ug/l	98
36) 1,2-Dichloroethane	6.086	62	130439	50.972	ug/l	100
37) Trichloroethene	7.123	130	92337	52.164	ug/l	96
38) Methylcyclohexane	7.379	83	154432	51.769	ug/l	99
39) 1,2-Dichloropropane	7.427	63	96151	52.275	ug/l	98
40) Dibromomethane	7.580	93	67955	52.290	ug/l	99
41) Bromodichloromethane	7.818	83	130882	52.422	ug/l	98
42) Vinyl Acetate	3.721	43	1112964	259.232	ug/l	99

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Instrument :
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	158783	51.201	ug/l	100
44) Isopropyl Acetate	6.336	43	252666	51.684	ug/l	100
45) 1,4-Dioxane	7.653	88	51222	1026.365	ug/l	96
46) Methyl methacrylate	7.690	41	144903	51.842	ug/l	96
47) n-amyl Acetate	10.841	43	220067	53.185	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	150757	52.076	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	156559	52.424	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	91485	51.821	ug/l	100
51) Ethyl methacrylate	9.116	69	115797	52.399	ug/l	94
52) 1,3-Dichloropropane	9.305	76	157091	51.894	ug/l	99
53) Dibromochloromethane	9.518	129	98463	51.933	ug/l	98
54) 1,2-Dibromoethane	9.610	107	101811	52.588	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	364287	260.215	ug/l	99
56) Bromoform	10.799	173	72018	52.631	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	834700	254.422	ug/l	100
59) 2-Hexanone	9.427	43	682430	253.410	ug/l	100
61) Tetrachloroethene	9.275	164	72013	51.196	ug/l	97
62) Toluene	8.720	91	394140	51.314	ug/l	100
64) Chlorobenzene	10.079	112	238063	50.953	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	86948	51.673	ug/l	99
66) Ethyl Benzene	10.195	91	447364	51.149	ug/l	99
67) m/p-Xylenes	10.299	106	335647	103.853	ug/l	99
68) o-Xylene	10.640	106	162003	51.747	ug/l	100
69) Styrene	10.652	104	239585	51.710	ug/l	100
70) Isopropylbenzene	10.963	105	433571	51.762	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	159559	51.027	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	137762m	38.338	ug/l	
73) Bromobenzene	11.195	156	98562	51.683	ug/l	98
74) n-propylbenzene	11.305	91	530764	51.719	ug/l	100
75) 2-Chlorotoluene	11.366	91	307137	51.012	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	374815	51.942	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	55466	52.903	ug/l	92
78) 4-Chlorotoluene	11.451	91	363699	51.378	ug/l	100
79) tert-butylbenzene	11.713	119	355169	51.761	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	374337	51.833	ug/l	99
81) sec-Butylbenzene	11.890	105	450368	51.920	ug/l	100
82) p-Isopropyltoluene	12.006	119	380844	51.804	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	188514	51.654	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	193033	51.548	ug/l	99
85) n-Butylbenzene	12.329	91	377016	51.934	ug/l	99
86) Hexachloroethane	12.536	117	73021	52.421	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	182345	51.958	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	40923	51.172	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	121064	52.031	ug/l	99
90) Hexachlorobutadiene	13.725	225	44105	53.087	ug/l	99
91) Naphthalene	13.774	128	435230	50.720	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	115274	51.148	ug/l	99

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

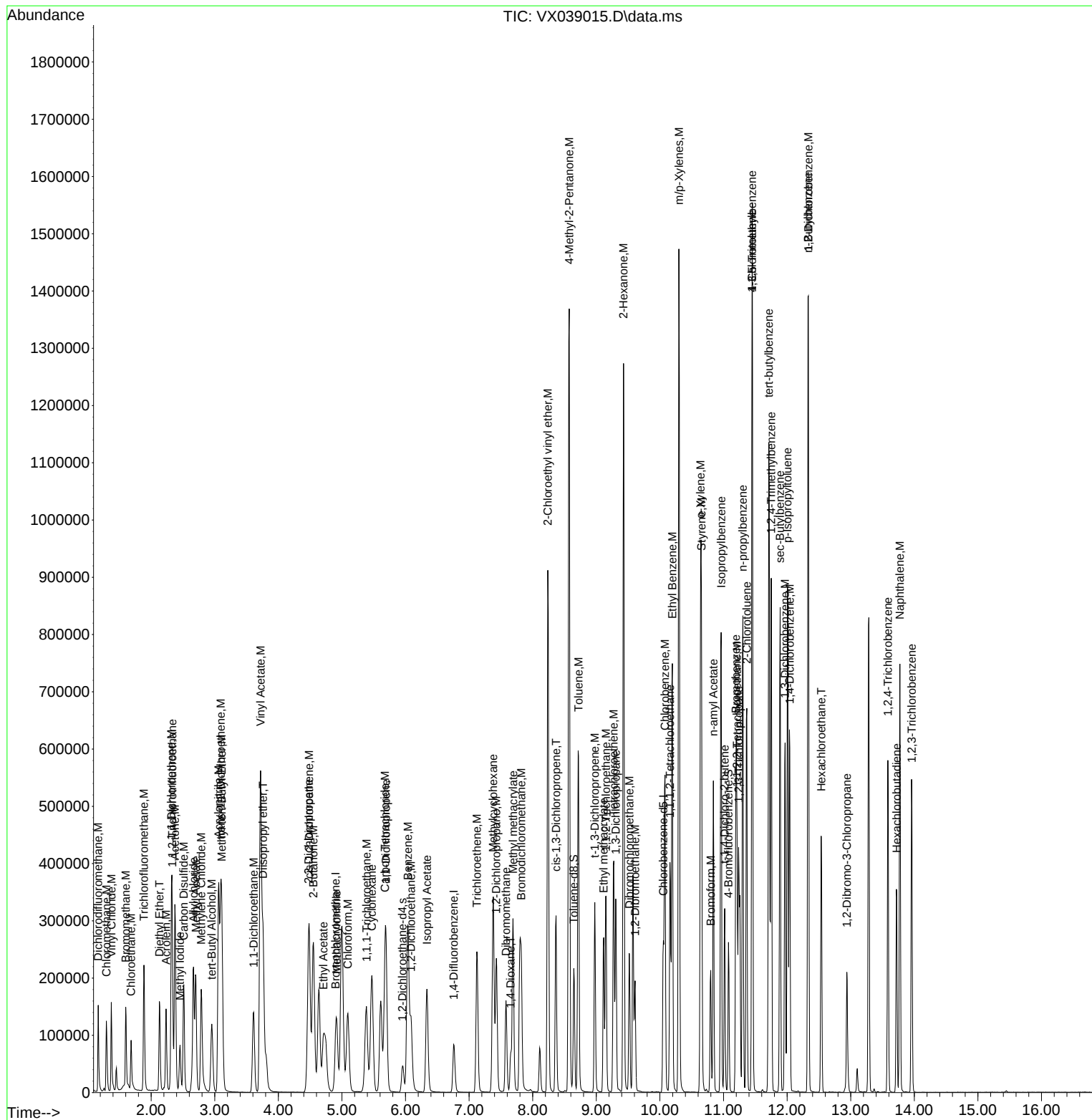
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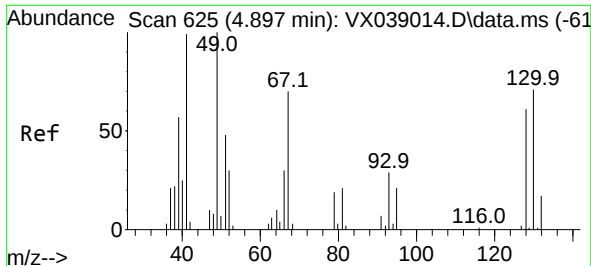
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations APPROVED

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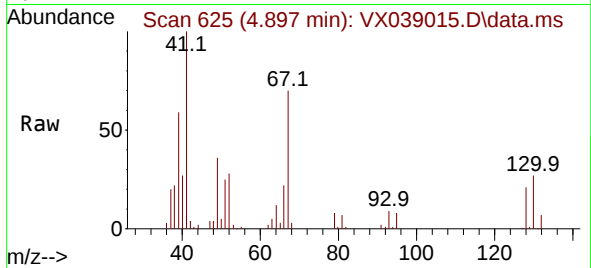
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

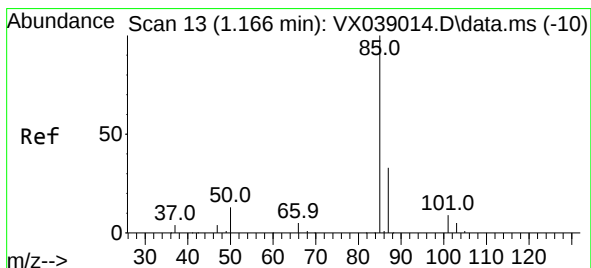
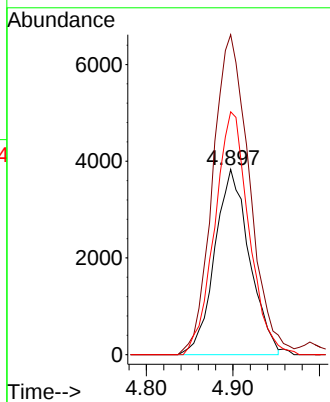
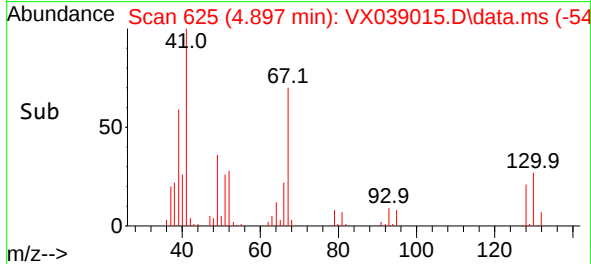
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:128 Resp: 10678
Ion Ratio Lower Upper
128 100
49 182.8 0.0 444.0
130 129.7 0.0 297.8

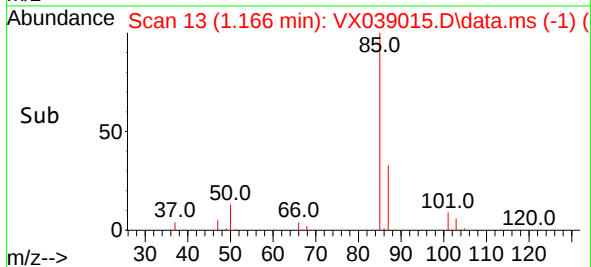
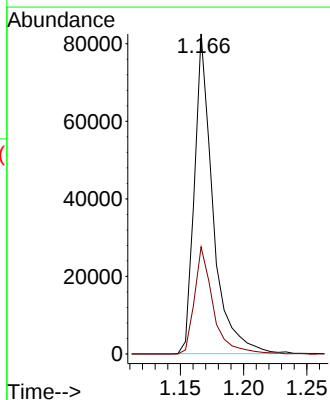
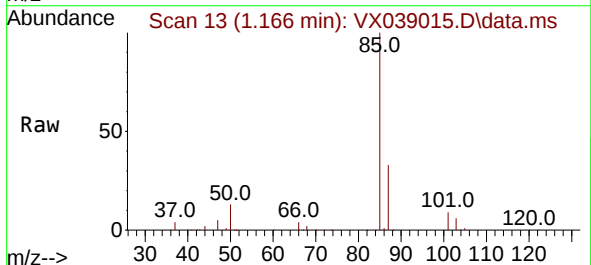
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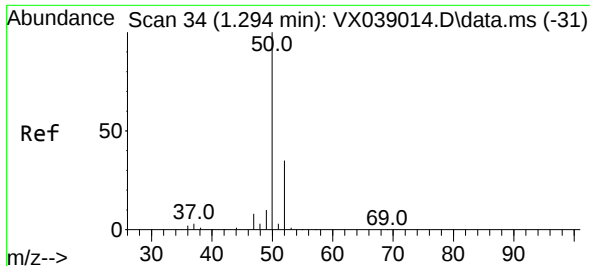
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#2
Dichlorodifluoromethane
Concen: 52.532 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

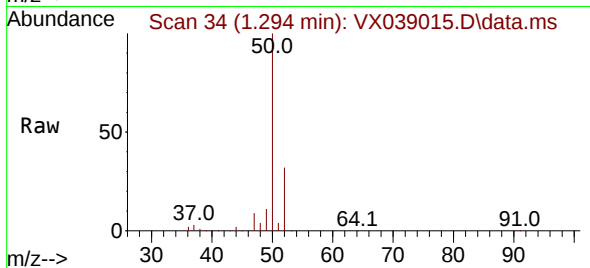
Tgt Ion: 85 Resp: 83958
Ion Ratio Lower Upper
85 100
87 33.5 16.7 50.1





#3
Chloromethane
Concen: 51.665 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

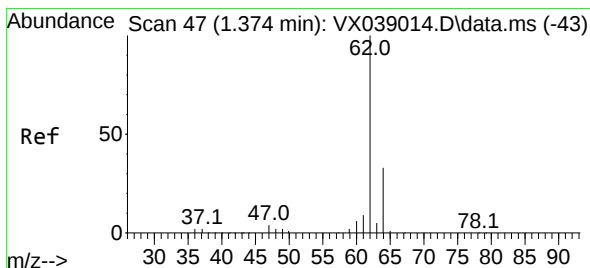
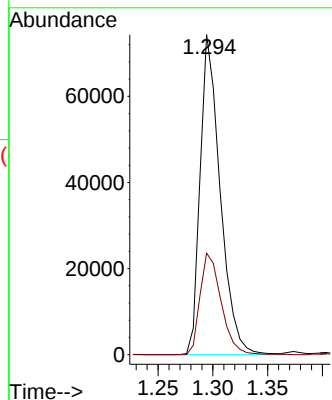
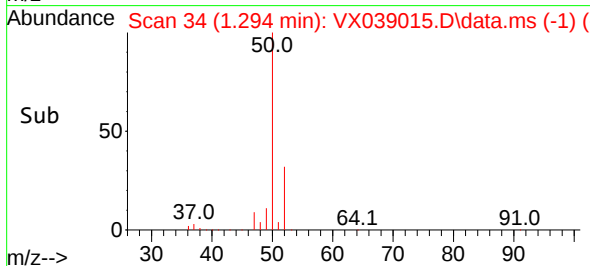
Instrument :
MSVOA_X
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VSTDIC050



Tgt Ion: 50 Resp: 9454
Ion Ratio Lower Upper
50 100
52 31.8 27.8 41.8

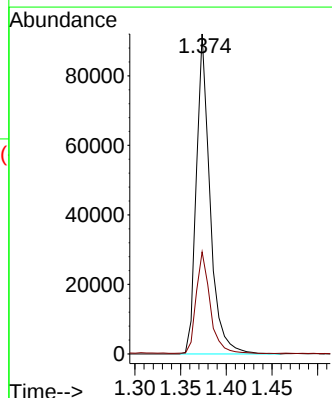
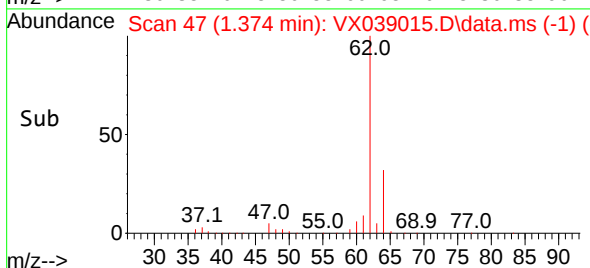
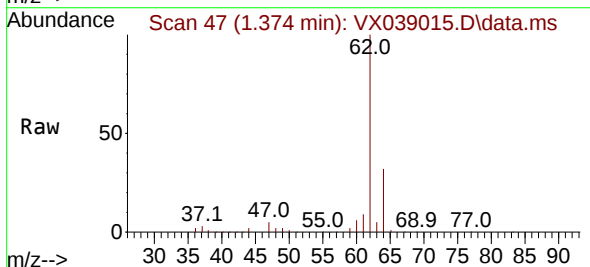
Manual Integrations
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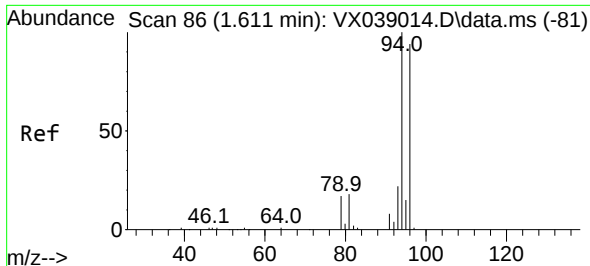
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#4
Vinyl Chloride
Concen: 51.935 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion: 62 Resp: 95949
Ion Ratio Lower Upper
62 100
64 31.7 26.3 39.5





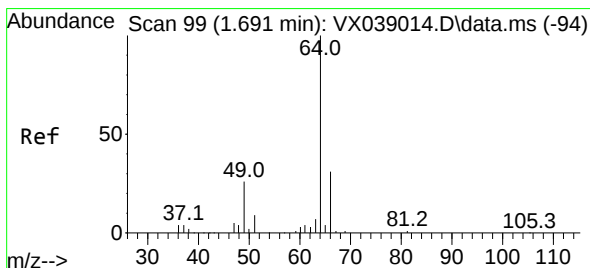
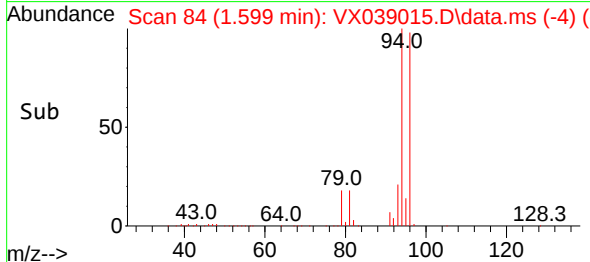
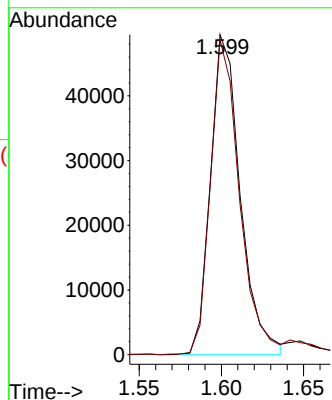
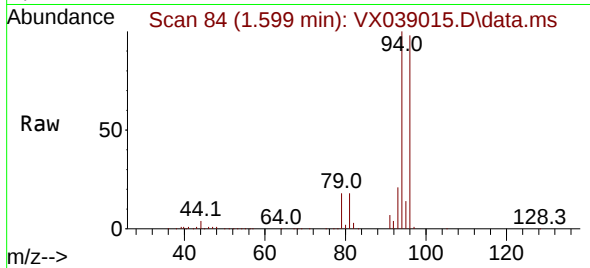
#5
Bromomethane
Concen: 55.079 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.012 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 94 Resp: 62238
Ion Ratio Lower Upper
94 100
96 98.3 74.9 112.3

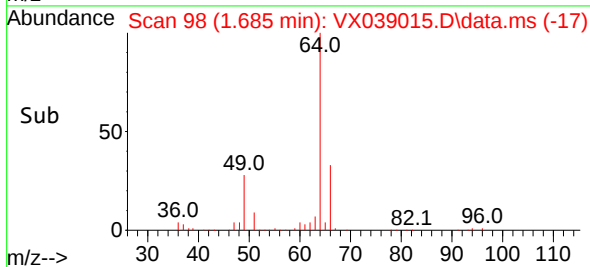
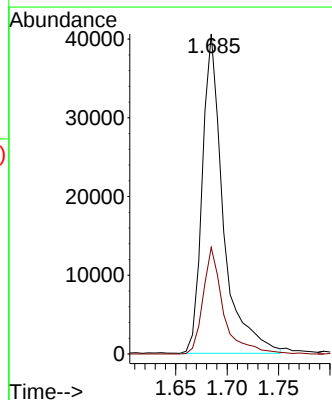
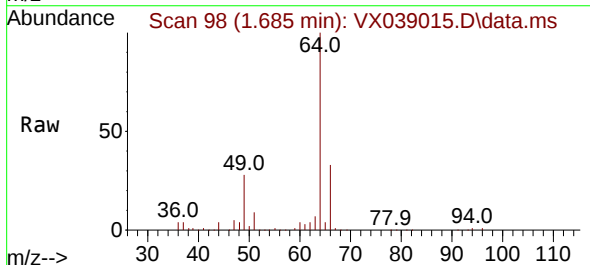
Manual Integrations
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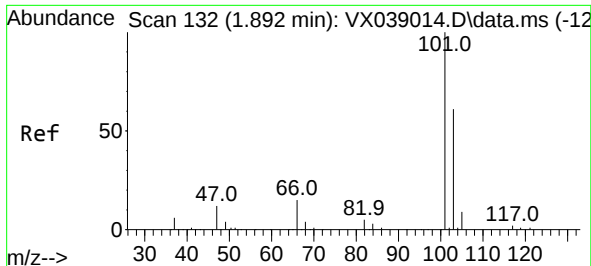
Reviewed By :John Carlone 11/27/2023
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#6
Chloroethane
Concen: 51.962 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

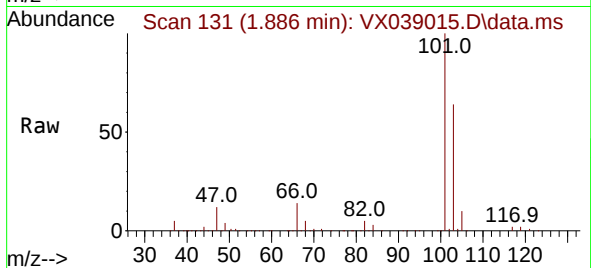
Tgt Ion: 64 Resp: 57696
Ion Ratio Lower Upper
64 100
66 33.4 25.0 37.6





#7
Trichlorofluoromethane
Concen: 52.154 ug/l
RT: 1.886 min Scan# 132
Delta R.T. -0.006 min
Lab File: VX039015.D
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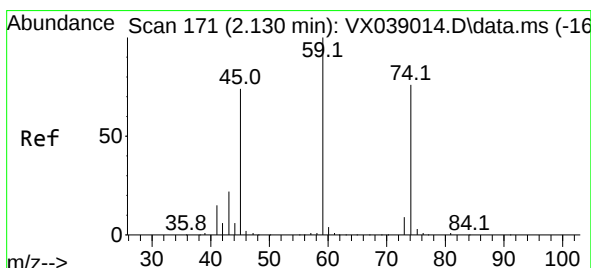
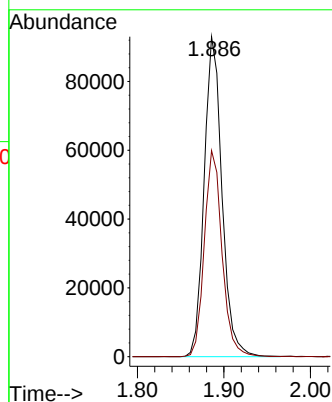
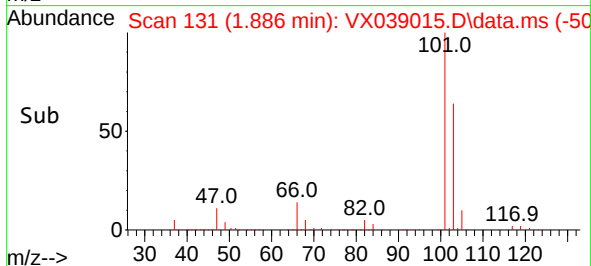
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:101 Resp: 13298
Ion Ratio Lower Upper
101 100
103 64.4 49.1 73.7

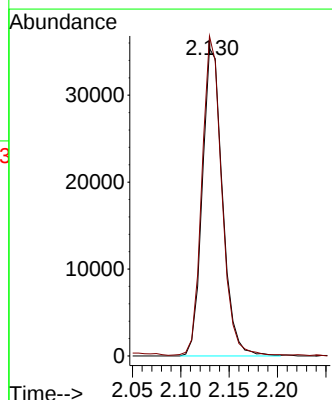
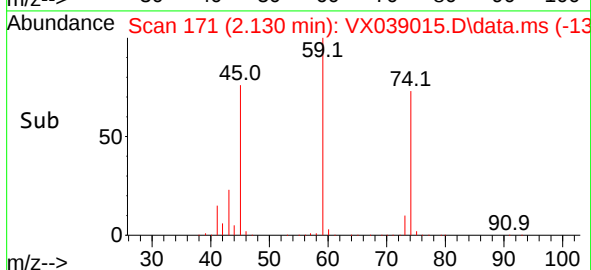
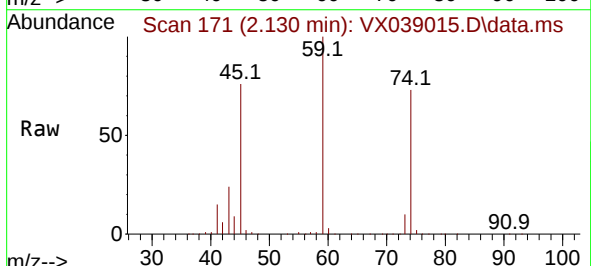
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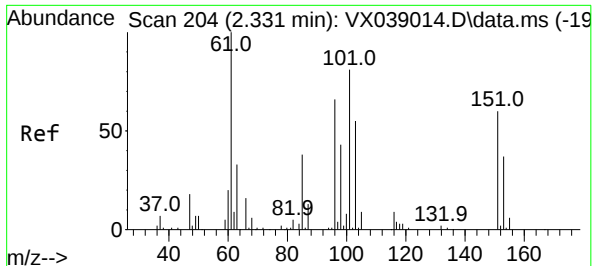
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#8
Diethyl Ether
Concen: 52.686 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion: 74 Resp: 51568
Ion Ratio Lower Upper
74 100
45 102.4 20.5 184.5





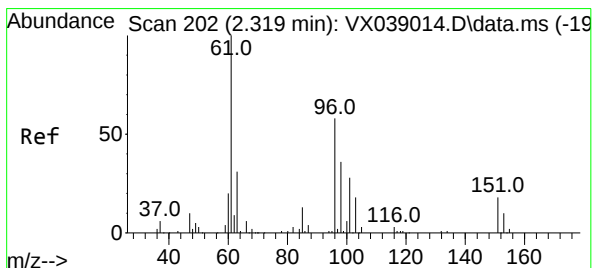
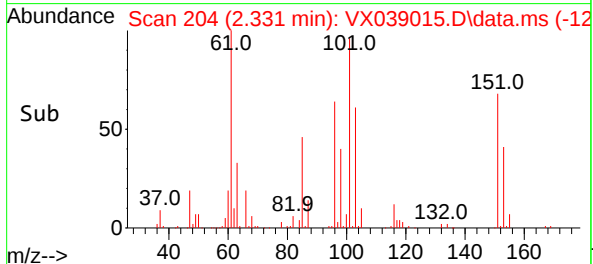
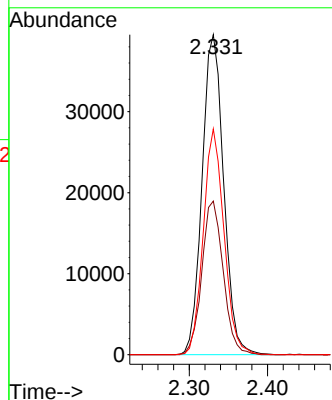
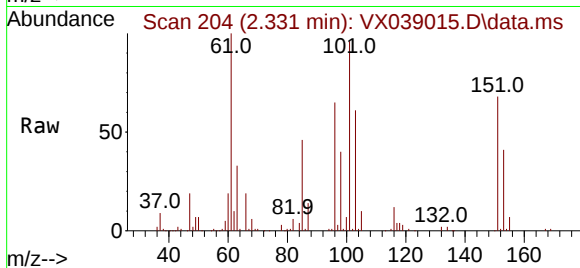
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1,1,2-Trichlorotrifluoroethane
Concen: 52.423 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039015.D
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MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 75536
Ion Ratio Lower Upper
101 100
85 47.6 0.0 95.2
151 67.9 0.0 136.8

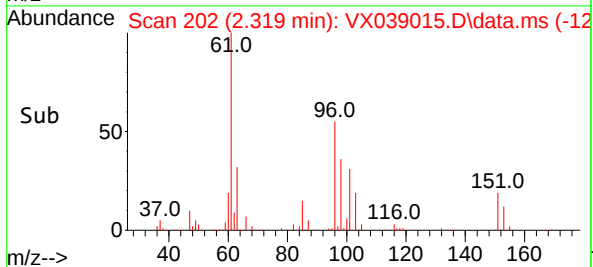
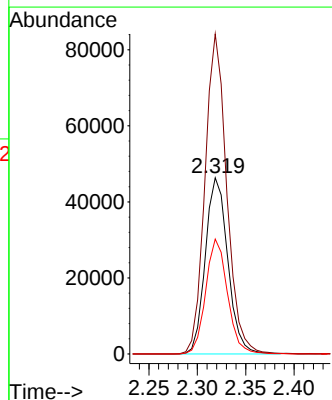
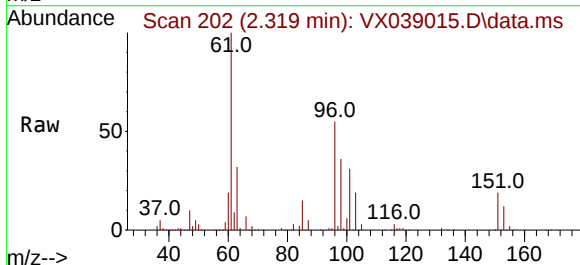
Manual Integrations
APPROVED

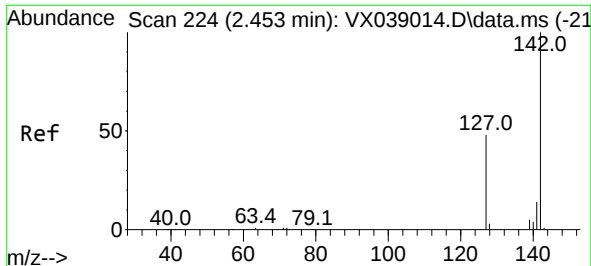
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#10
1,1-Dichloroethene
Concen: 51.666 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

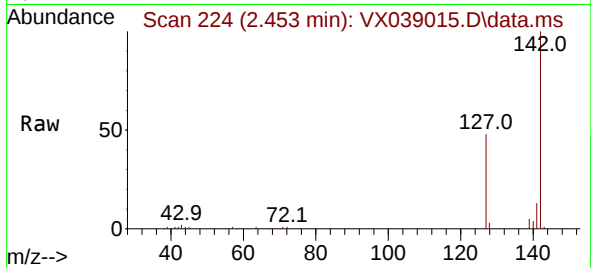
Tgt Ion: 96 Resp: 75042
Ion Ratio Lower Upper
96 100
61 181.6 138.3 207.5
98 65.2 49.8 74.6





#11
Methyl Iodide
Concen: 50.588 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

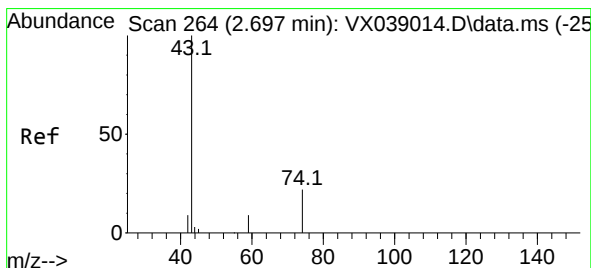
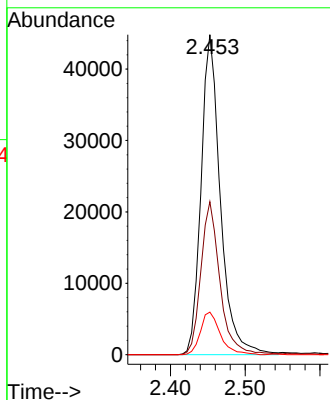
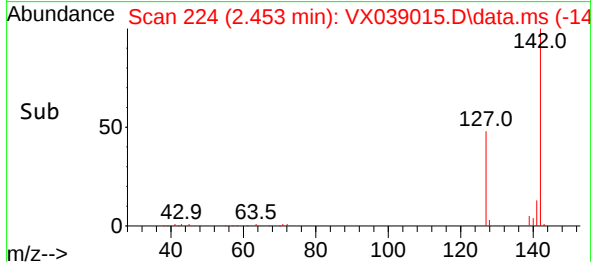
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



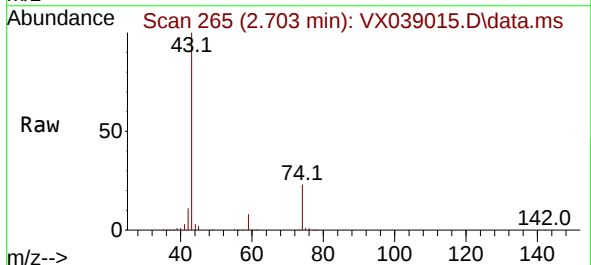
Tgt Ion:142 Resp: 80515
Ion Ratio Lower Upper
142 100
127 47.7 23.8 71.4
141 13.2 6.9 20.6

Manual Integrations
APPROVED

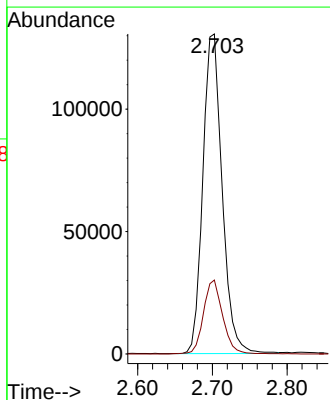
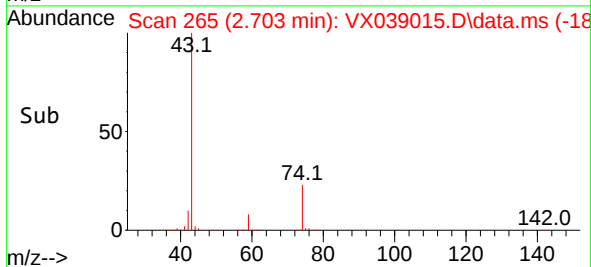
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

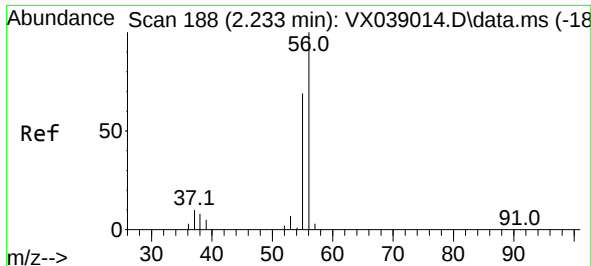


#12
Methyl Acetate
Concen: 51.762 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07



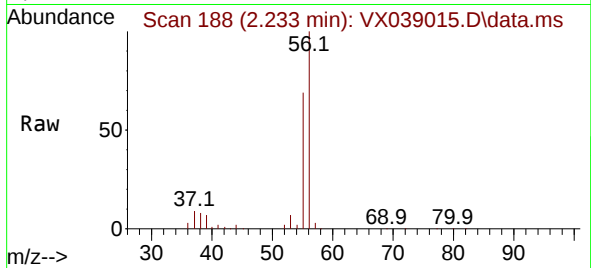
Tgt Ion: 43 Resp: 234483
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.6





#13
Acrolein
Concen: 251.959 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

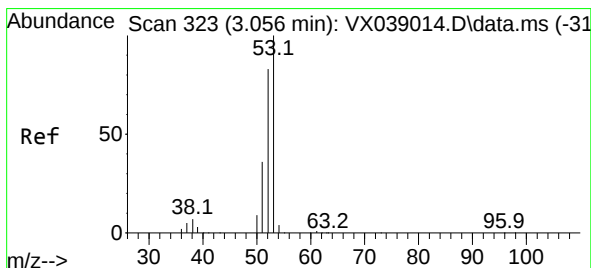
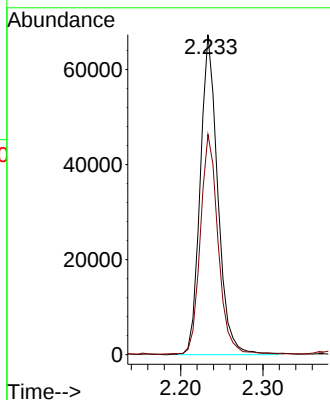
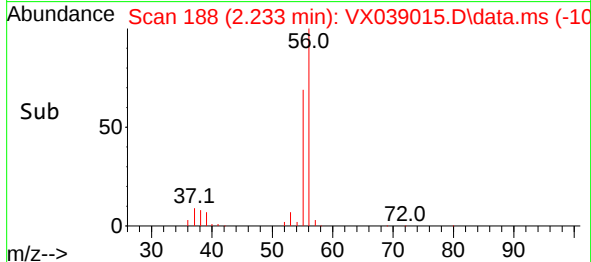
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 56 Resp: 9998
Ion Ratio Lower Upper
56 100
55 68.2 57.2 85.8

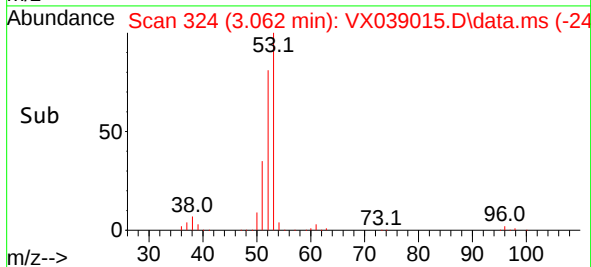
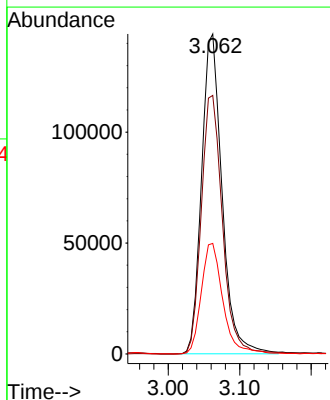
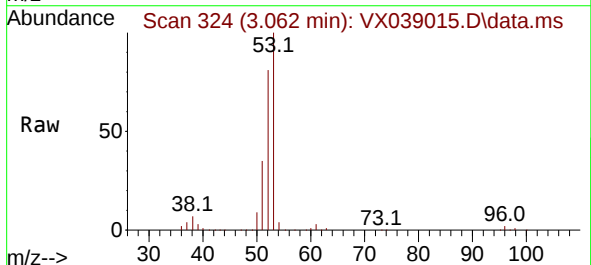
Manual Integrations
APPROVED

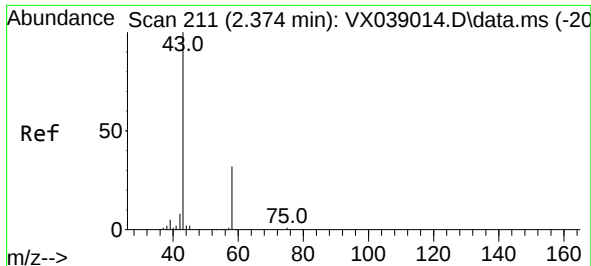
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#14
Acrylonitrile
Concen: 259.762 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

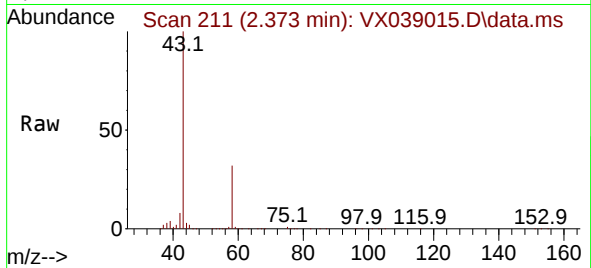
Tgt Ion: 53 Resp: 287804
Ion Ratio Lower Upper
53 100
52 83.1 41.9 125.6
51 36.4 18.3 54.9





#15
Acetone
Concen: 251.722 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

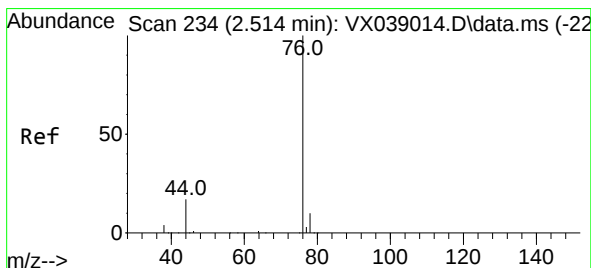
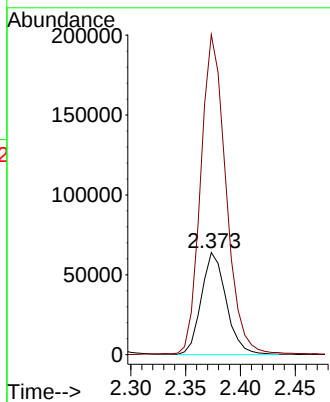
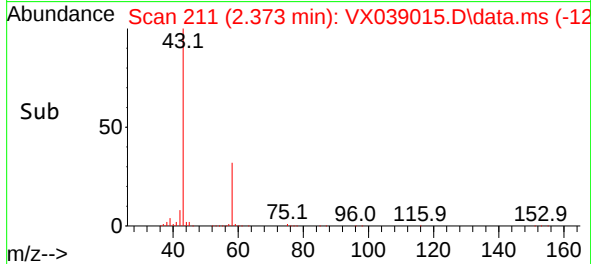
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



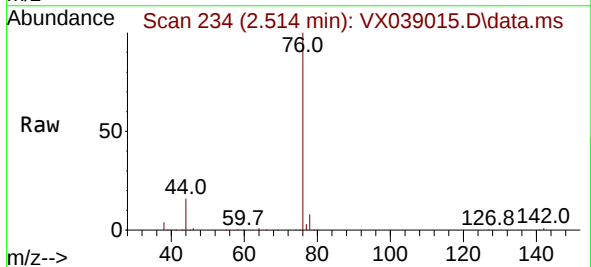
Tgt Ion: 58 Resp: 101372
Ion Ratio Lower Upper
58 100
43 313.0 249.9 374.9

Manual Integrations
APPROVED

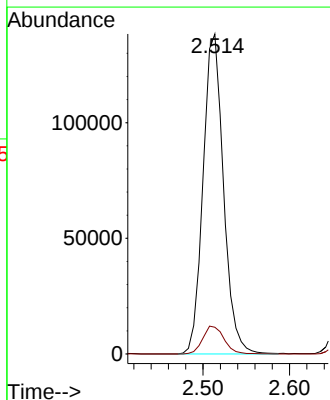
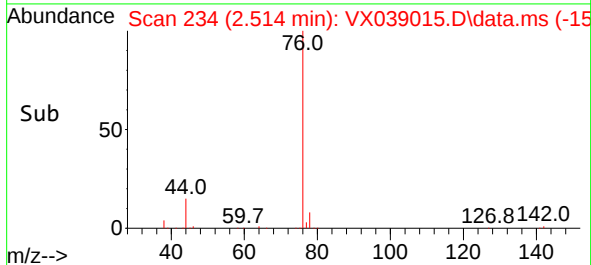
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

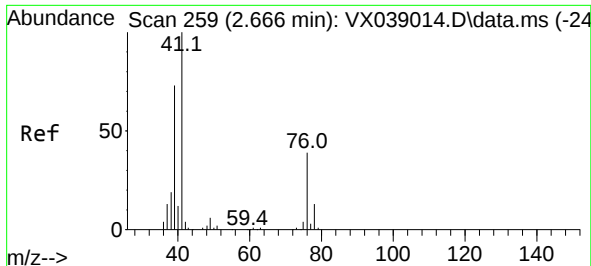


#16
Carbon Disulfide
Concen: 51.583 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07



Tgt Ion: 76 Resp: 226910
Ion Ratio Lower Upper
76 100
78 8.3 8.0 12.0





#17

Allyl chloride

Concen: 52.392 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 41 Resp: 15106

Ion Ratio Lower Upper

41 100

39 76.1 36.5 109.5

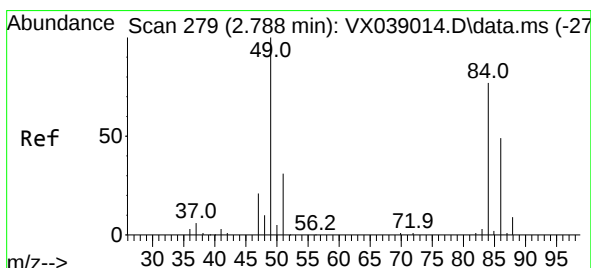
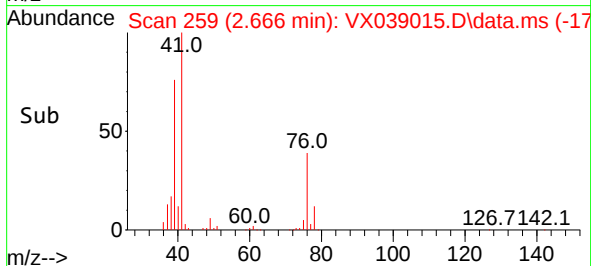
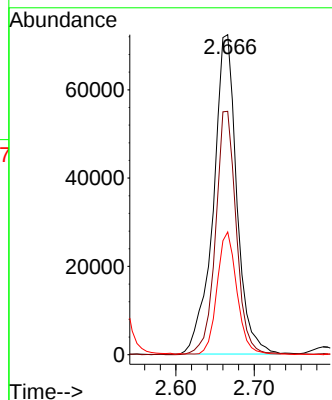
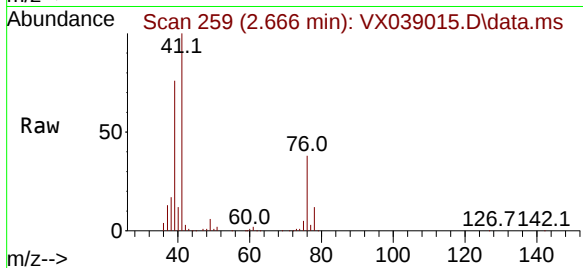
76 38.2 19.7 59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#18

Methylene Chloride

Concen: 51.860 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

Tgt Ion: 84 Resp: 89287

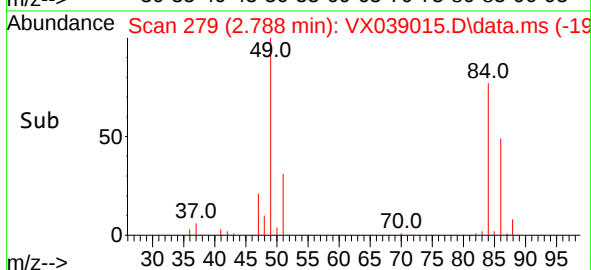
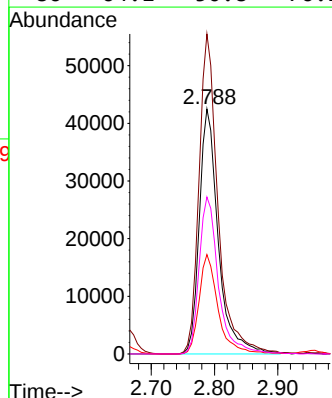
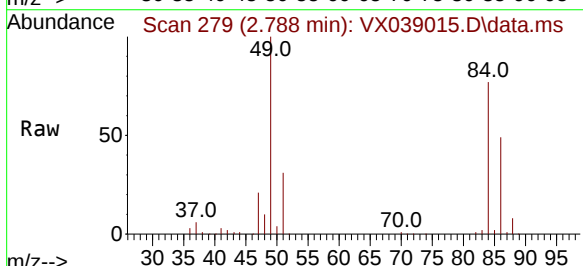
Ion Ratio Lower Upper

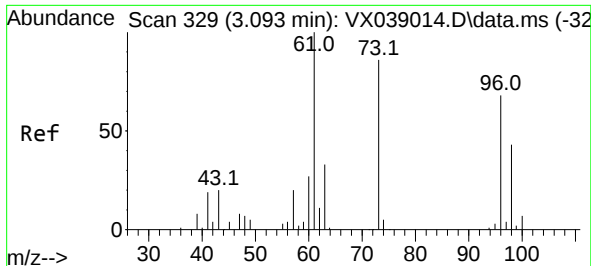
84 100

49 130.5 103.8 155.8

51 40.5 31.8 47.6

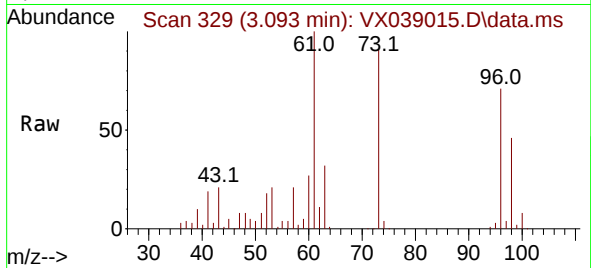
86 64.1 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 52.552 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

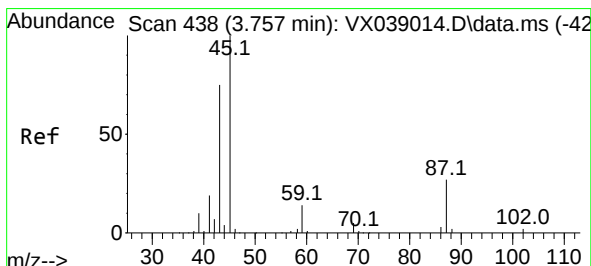
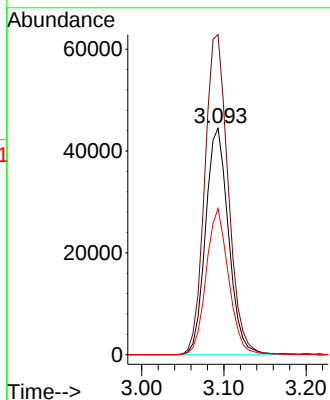
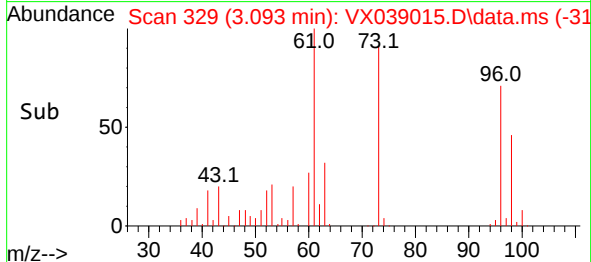
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



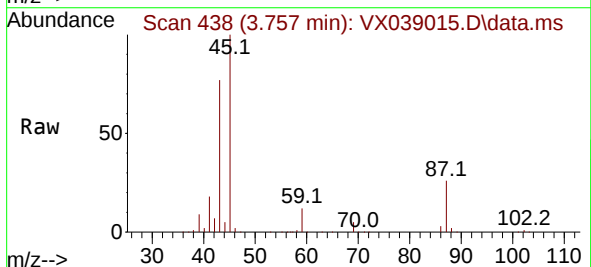
Tgt Ion: 96 Resp: 8632
Ion Ratio Lower Upper
96 100
61 141.2 117.9 176.9
98 64.5 51.0 76.6

Manual Integrations
APPROVED

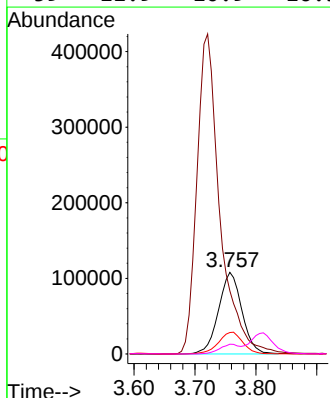
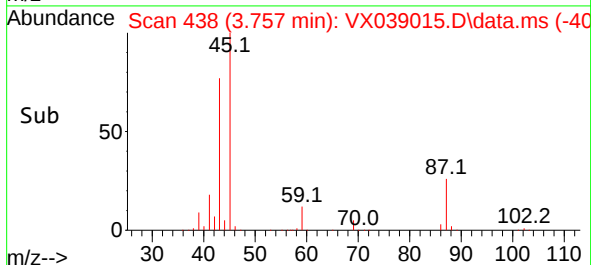
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

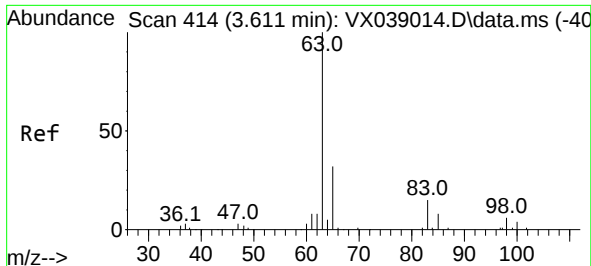


#20
Diisopropyl ether
Concen: 52.407 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07



Tgt Ion: 45 Resp: 287557
Ion Ratio Lower Upper
45 100
43 76.7 67.7 101.5
87 26.3 21.5 32.3
59 11.9 10.9 16.3





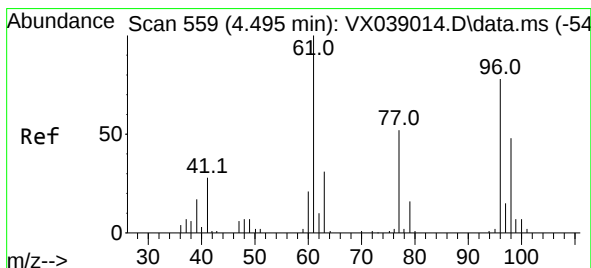
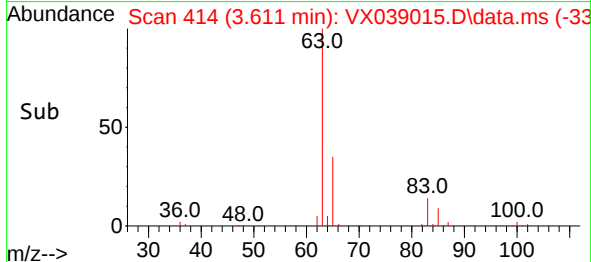
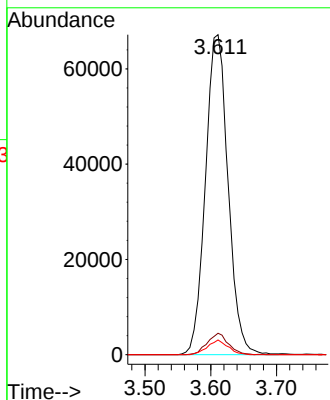
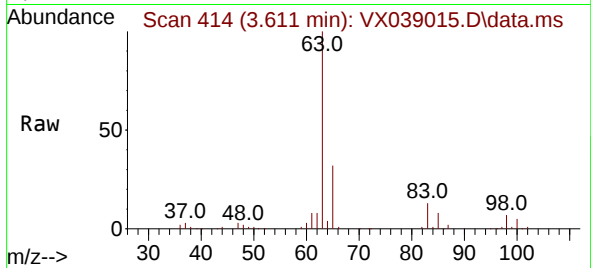
#21
1,1-Dichloroethane
Concen: 52.783 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 161030
Ion Ratio Lower Upper
63 100
98 6.7 2.9 8.8
100 4.6 2.0 5.8

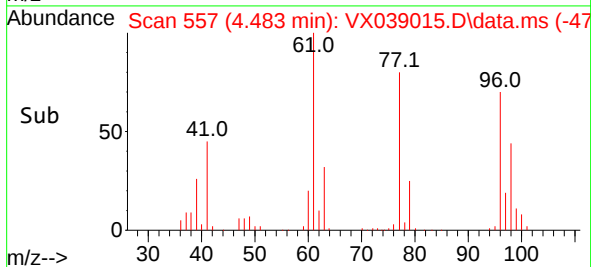
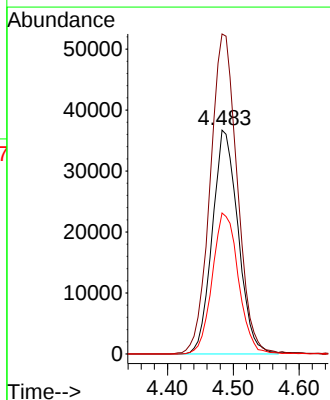
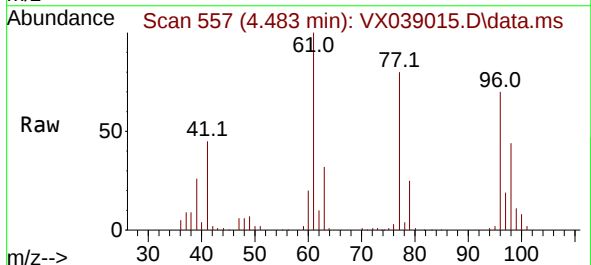
Manual Integrations
APPROVED

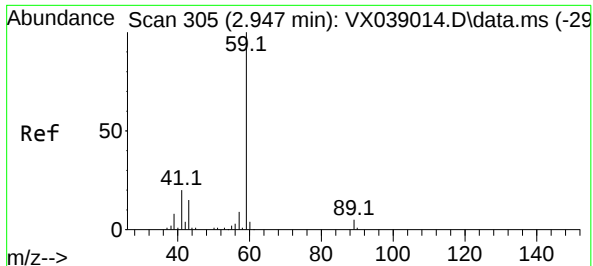
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#22
cis-1,2-Dichloroethene
Concen: 52.637 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

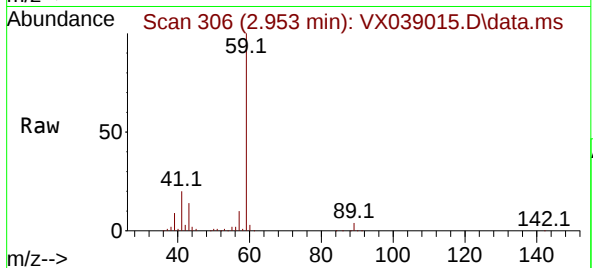
Tgt Ion: 96 Resp: 100208
Ion Ratio Lower Upper
96 100
61 149.9 119.8 179.6
98 63.9 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 247.717 ug/l
RT: 2.953 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

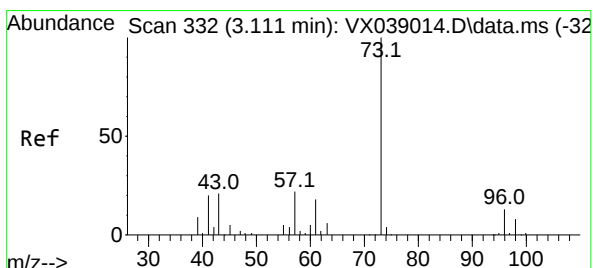
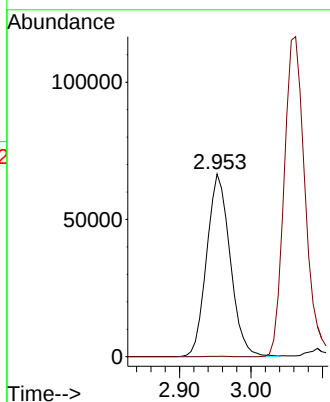
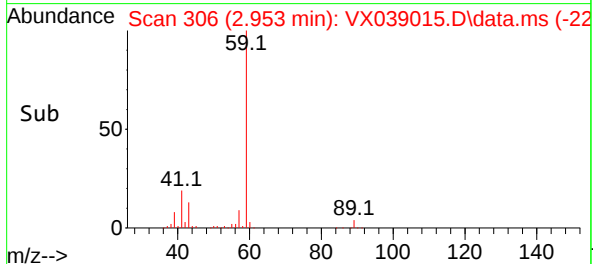
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



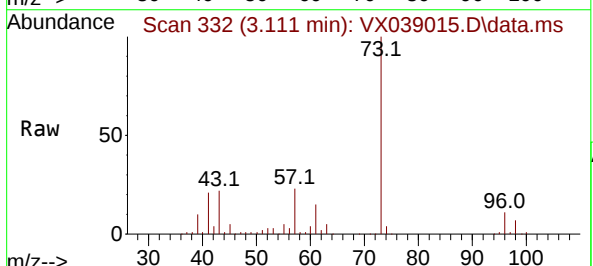
Tgt Ion: 59 Resp: 151944
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

Manual Integrations
APPROVED

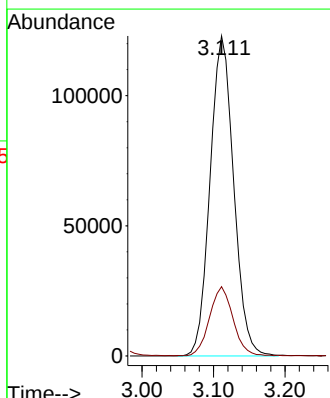
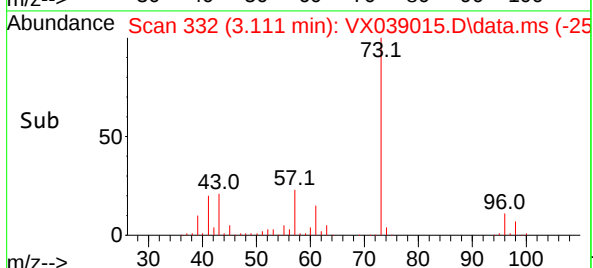
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

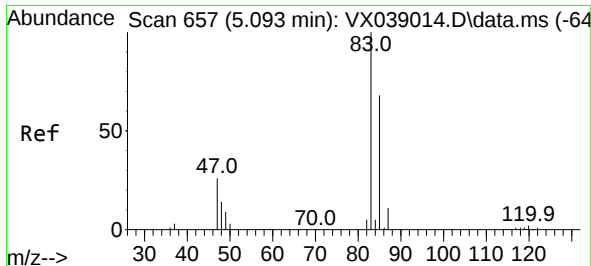


#24
Methyl tert-Butyl Ether
Concen: 52.699 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07



Tgt Ion: 73 Resp: 281963
Ion Ratio Lower Upper
73 100
43 21.4 17.0 25.6





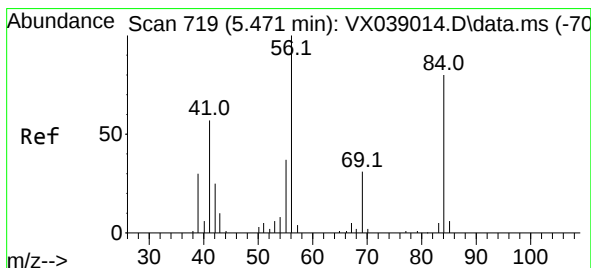
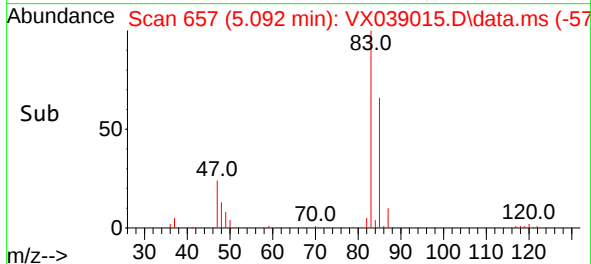
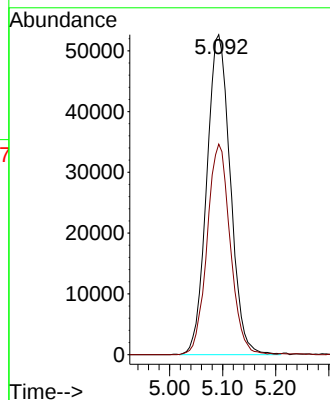
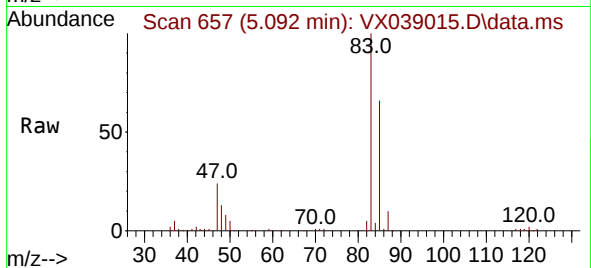
#25
Chloroform
Concen: 53.137 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 162704
Ion Ratio Lower Upper
83 100
85 65.7 54.6 81.8

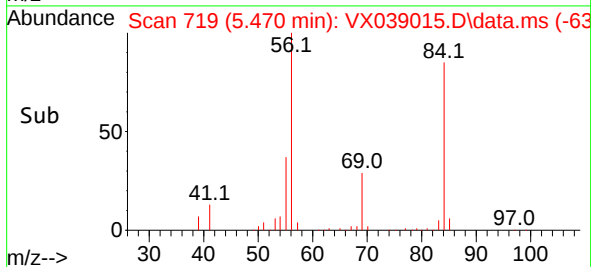
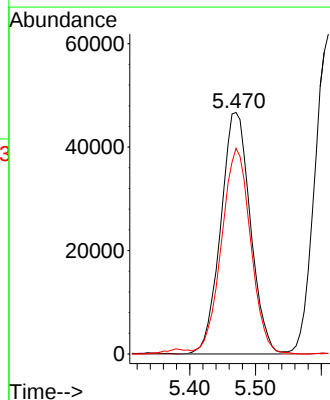
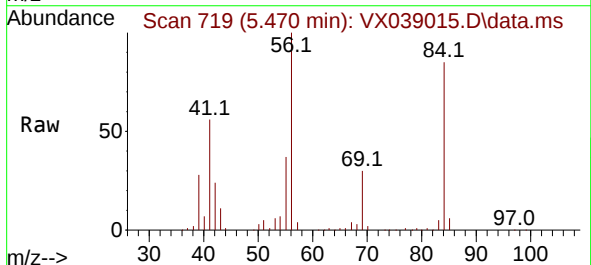
Manual Integrations
APPROVED

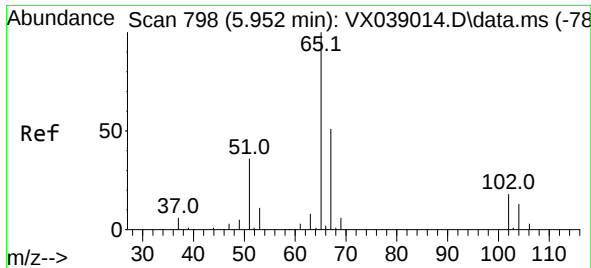
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#26
Cyclohexane
Concen: 53.052 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion: 56 Resp: 146488
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.6 67.2 100.8





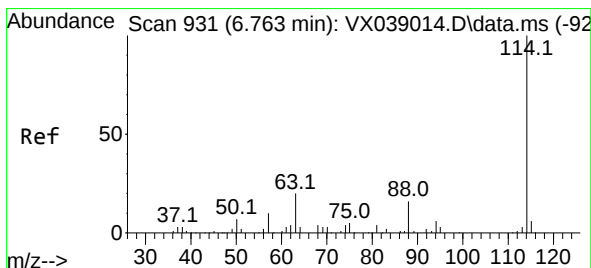
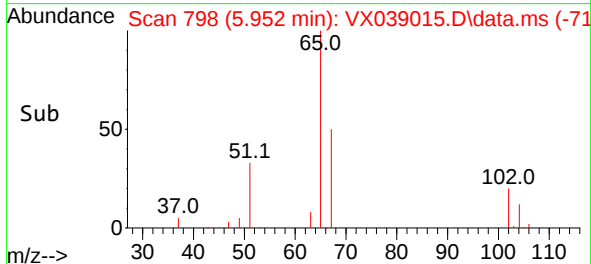
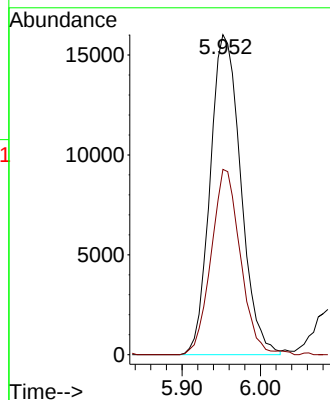
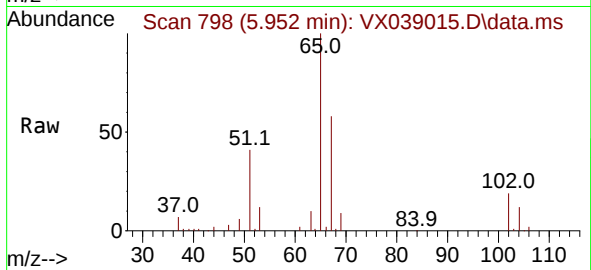
#27
1,2-Dichloroethane-d4
Concen: 29.770 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 65 Resp: 43489
Ion Ratio Lower Upper
65 100
67 55.2 42.5 63.7

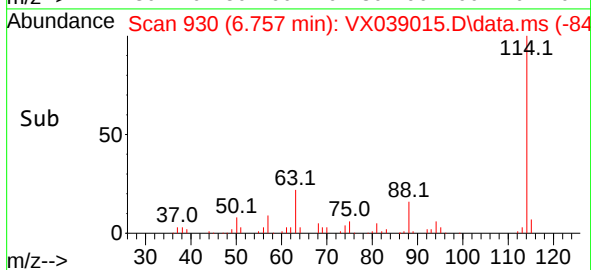
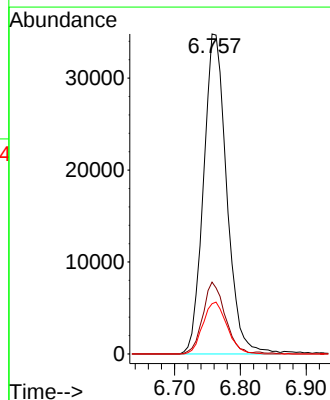
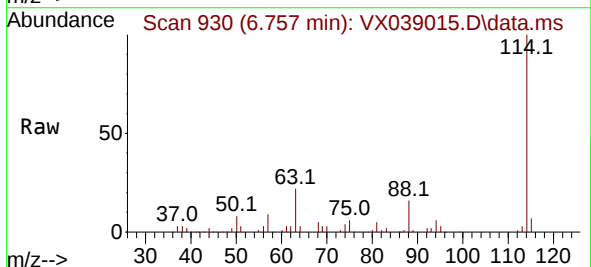
Manual Integrations
APPROVED

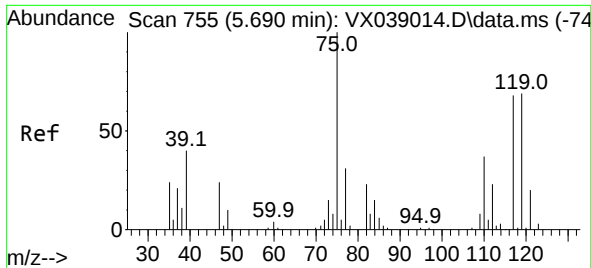
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

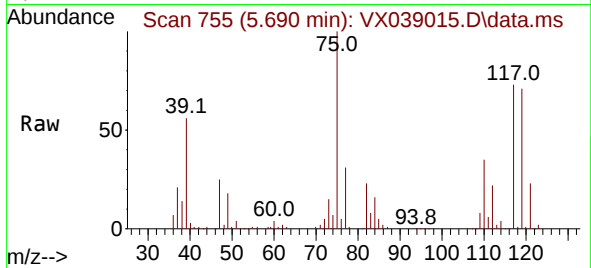
Tgt Ion:114 Resp: 85405
Ion Ratio Lower Upper
114 100
63 21.5 17.0 25.4
88 16.8 12.7 19.1





#29
1,1-Dichloropropene
Concen: 51.408 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

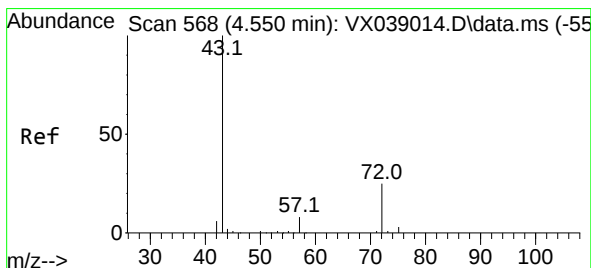
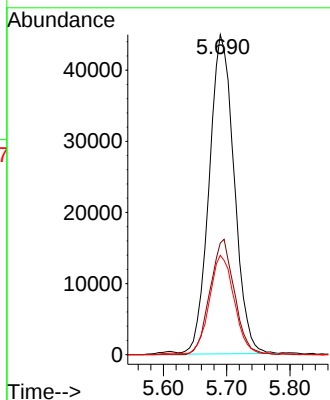
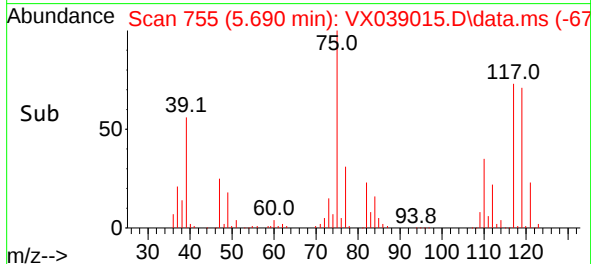
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 12307
Ion Ratio Lower Upper
75 100
110 35.4 0.0 71.2
77 31.2 0.0 62.6

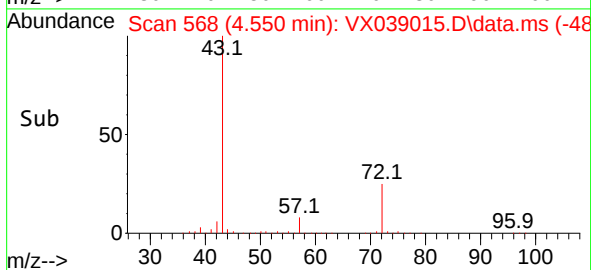
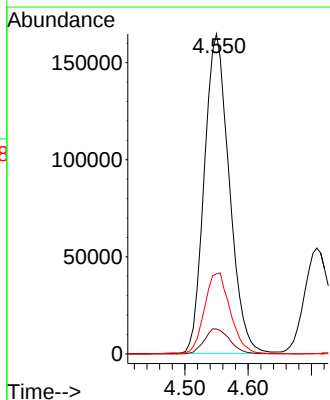
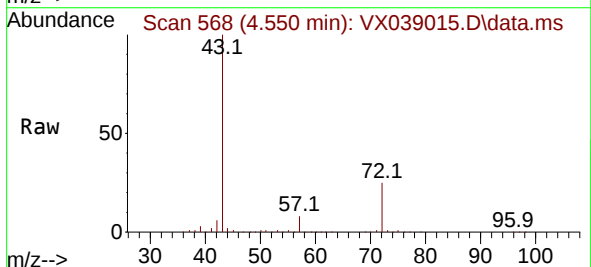
Manual Integrations
APPROVED

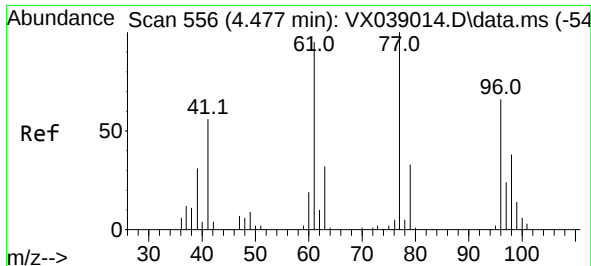
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#30
2-Butanone
Concen: 250.383 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion: 43 Resp: 451327
Ion Ratio Lower Upper
43 100
57 8.1 6.6 10.0
72 26.0 20.6 31.0





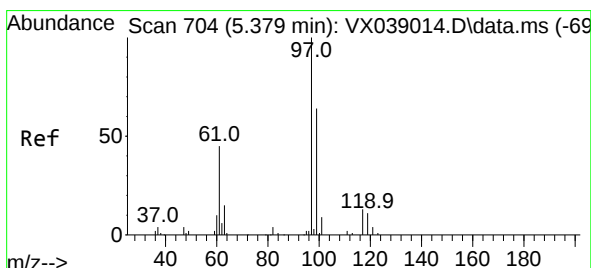
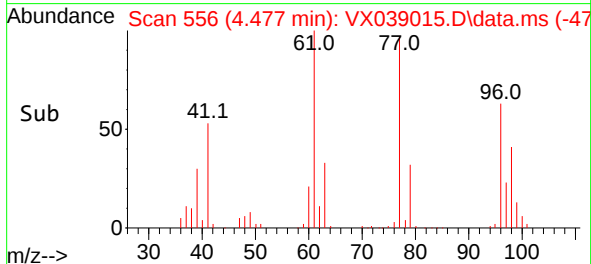
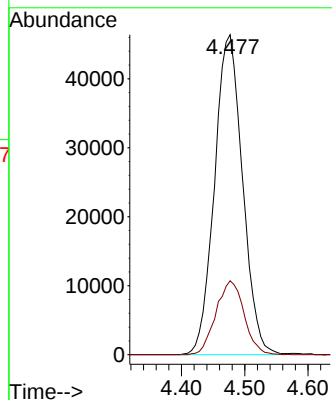
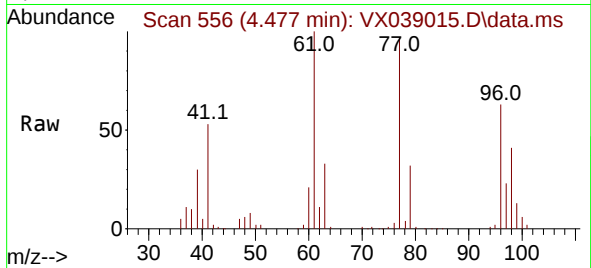
#31
2,2-Dichloropropane
Concen: 52.132 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 77 Resp: 142704
Ion Ratio Lower Upper
77 100
97 23.1 18.2 27.4

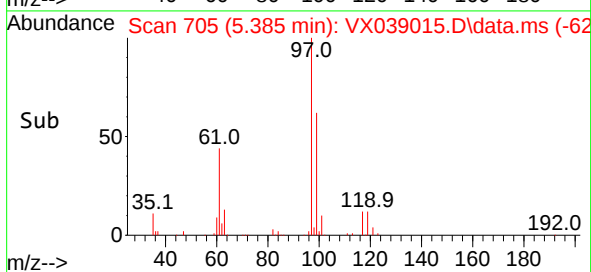
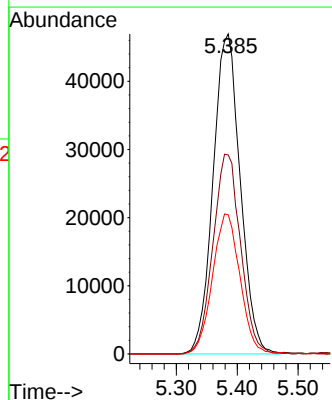
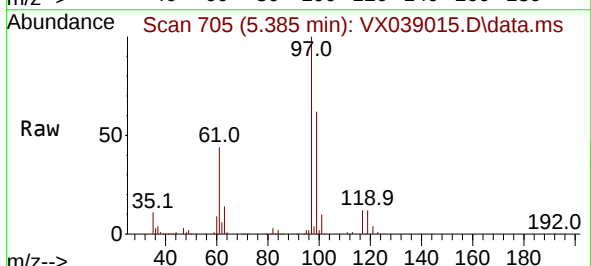
Manual Integrations
APPROVED

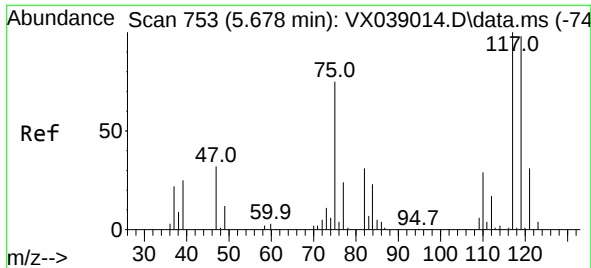
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#32
1,1,1-Trichloroethane
Concen: 52.605 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

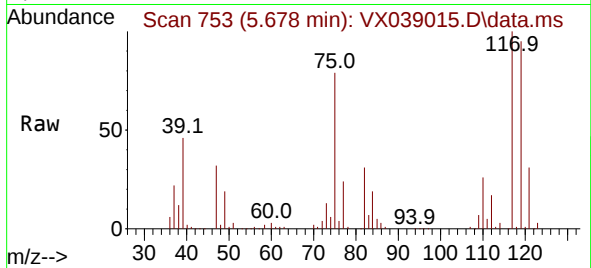
Tgt Ion: 97 Resp: 145568
Ion Ratio Lower Upper
97 100
99 63.3 52.6 79.0
61 44.2 36.9 55.3





#33
Carbon Tetrachloride
Concen: 53.131 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

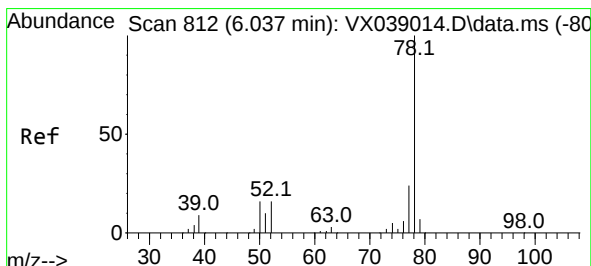
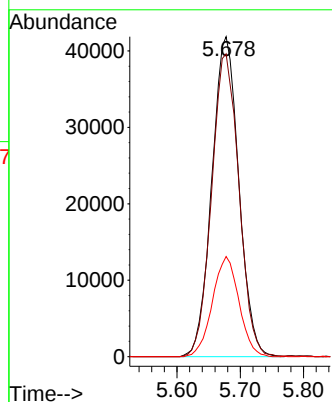
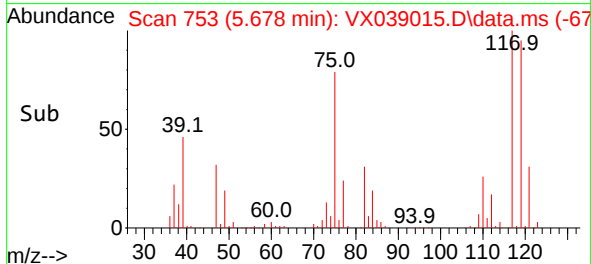
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



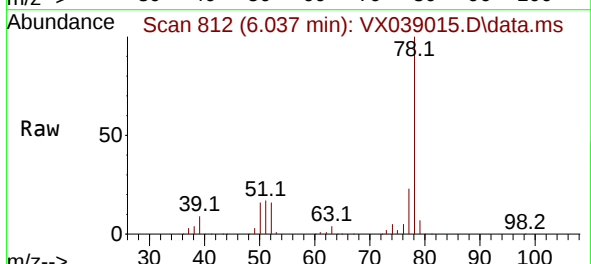
Tgt Ion:117 Resp: 12384
Ion Ratio Lower Upper
117 100
119 94.6 78.2 117.4
121 31.3 24.7 37.1

Manual Integrations
APPROVED

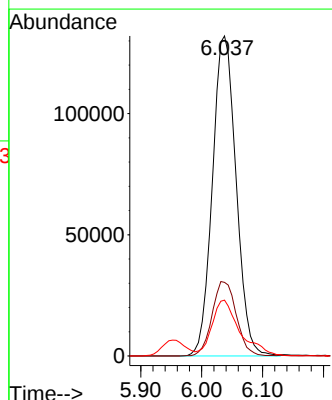
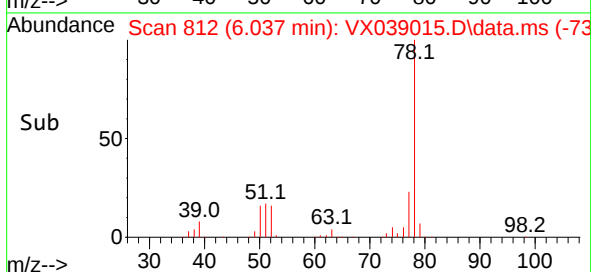
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

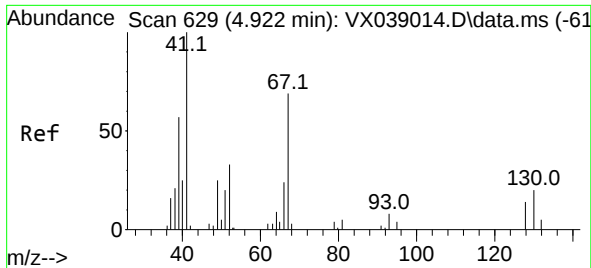


#34
Benzene
Concen: 51.204 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07



Tgt Ion: 78 Resp: 357108
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9
51 17.0 14.4 21.6





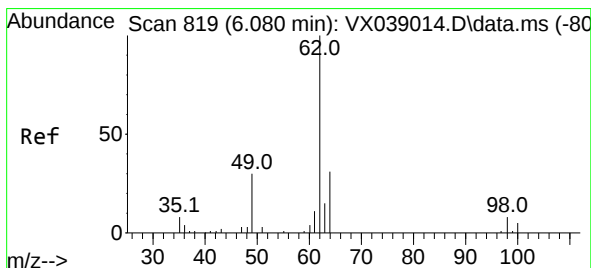
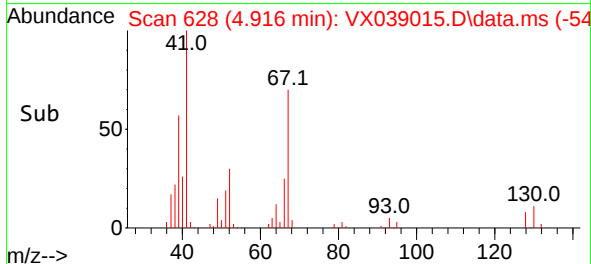
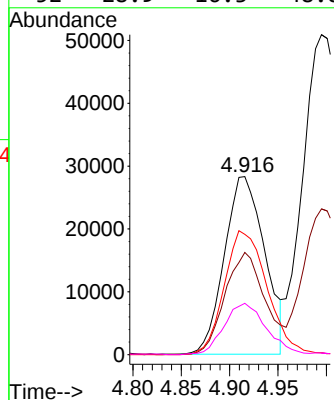
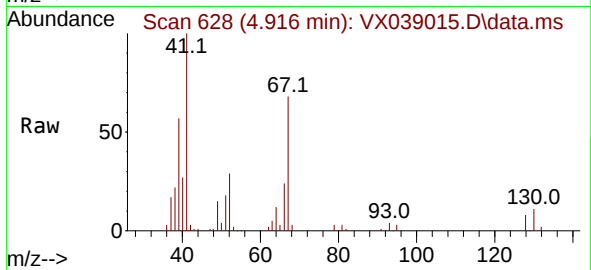
#35
Methacrylonitrile
Concen: 51.367 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 41	Resp: 8201
Ion Ratio	Lower Upper
41	100
39	57.3 28.2 84.7
67	67.7 34.5 103.5
52	28.9 16.3 48.8

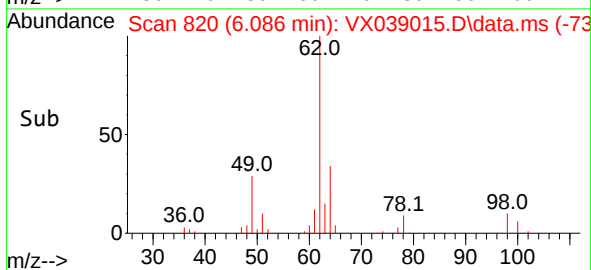
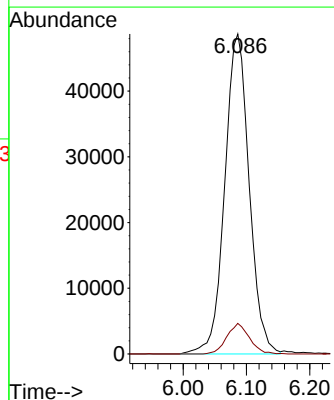
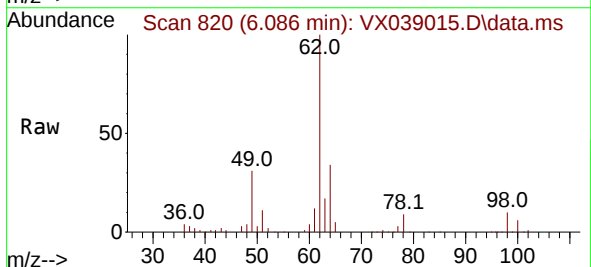
Manual Integrations
APPROVED

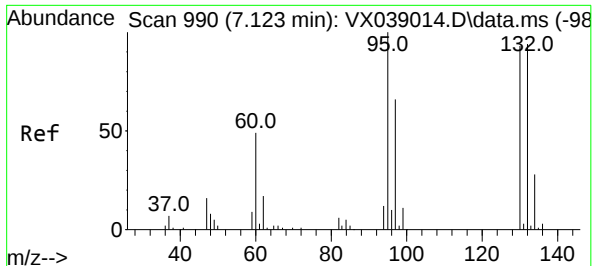
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#36
1,2-Dichloroethane
Concen: 50.972 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion: 62	Resp: 130439
Ion Ratio	Lower Upper
62	100
98	8.8 7.0 10.4





#37

Trichloroethene

Concen: 52.164 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:130 Resp: 9233

Ion Ratio Lower Upper

130 100

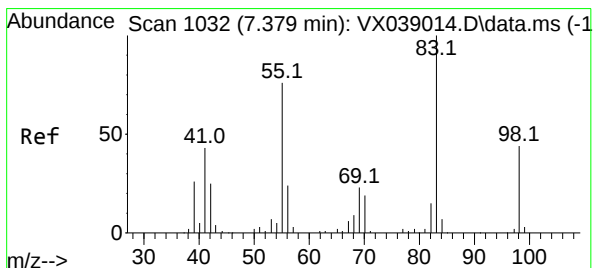
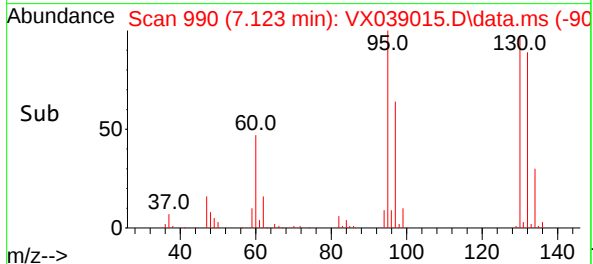
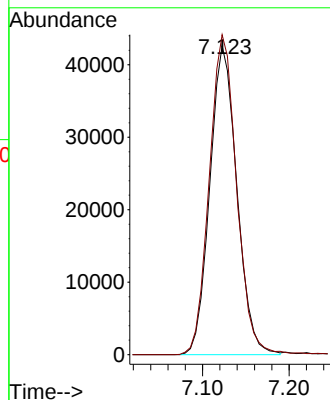
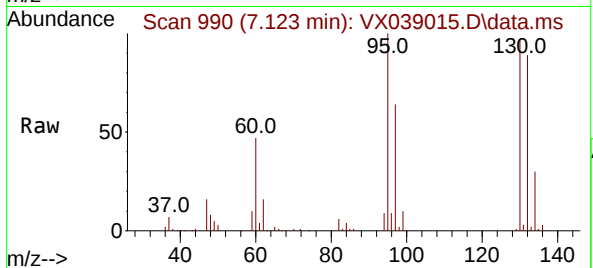
95 103.5 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#38

Methylcyclohexane

Concen: 51.769 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

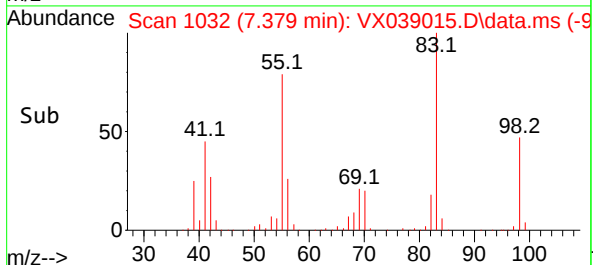
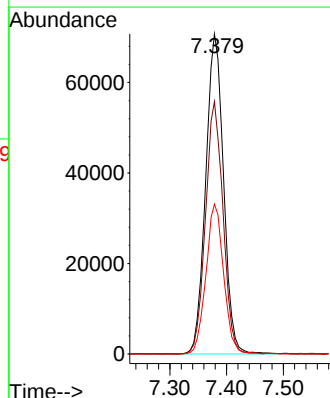
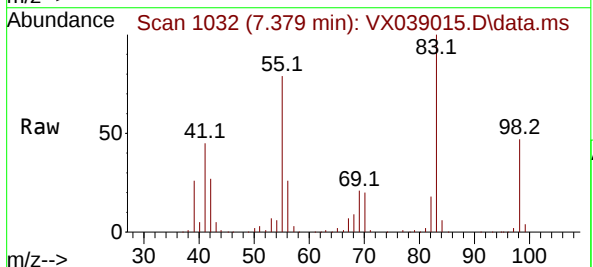
Tgt Ion: 83 Resp: 154432

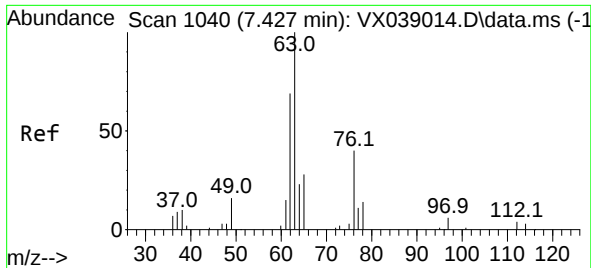
Ion Ratio Lower Upper

83 100

55 77.4 38.6 116.0

98 46.5 22.3 66.8





#39

1,2-Dichloropropane

Concen: 52.275 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 9615

Ion Ratio Lower Upper

63 100

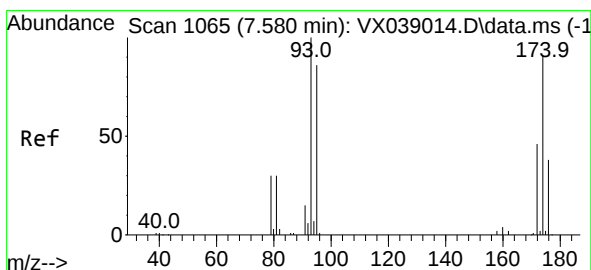
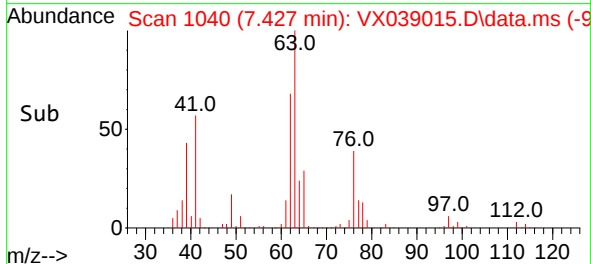
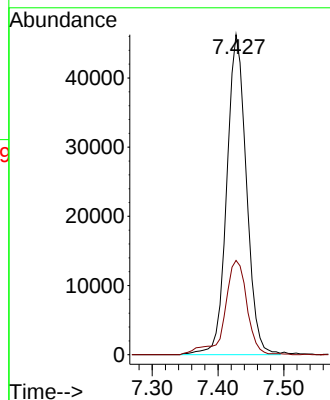
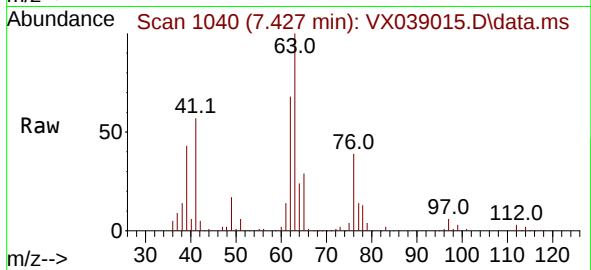
65 29.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#40

Dibromomethane

Concen: 52.290 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

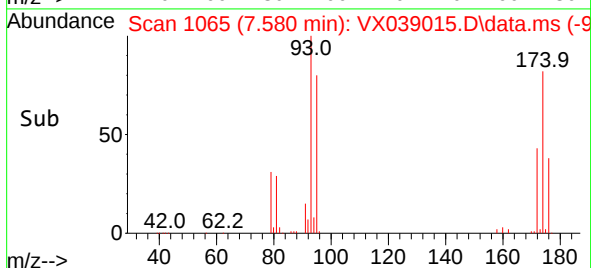
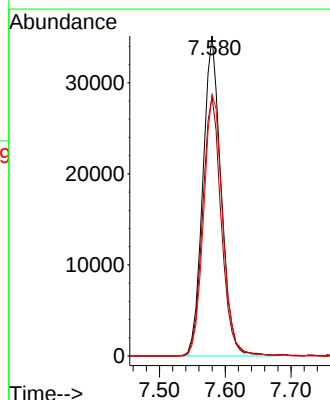
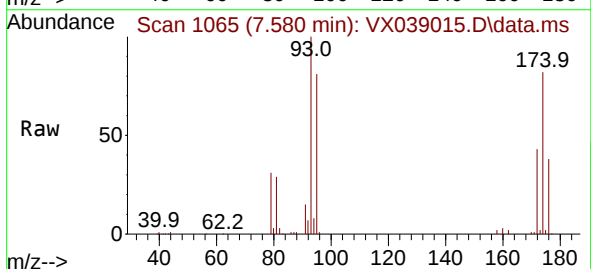
Tgt Ion: 93 Resp: 67955

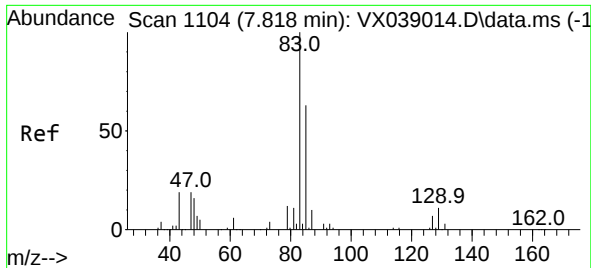
Ion Ratio Lower Upper

93 100

95 81.9 0.0 163.4

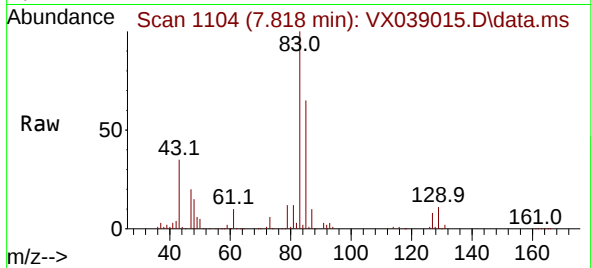
174 84.7 0.0 166.4





#41
Bromodichloromethane
Concen: 52.422 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

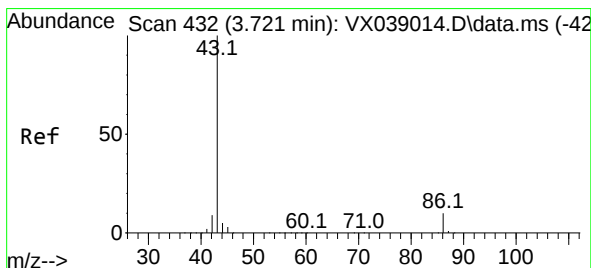
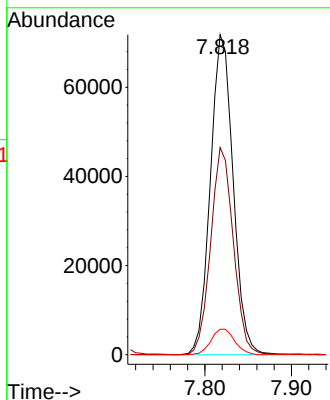
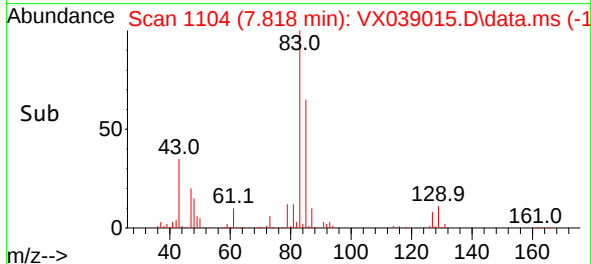
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 13088
Ion Ratio Lower Upper
83 100
85 64.7 50.8 76.2
127 8.0 5.9 8.9

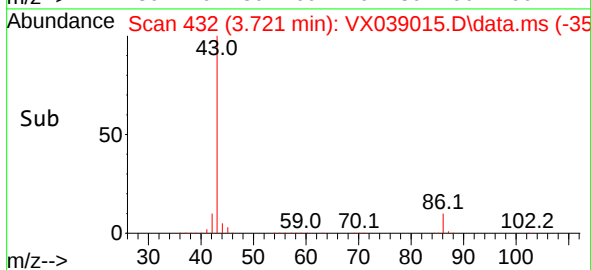
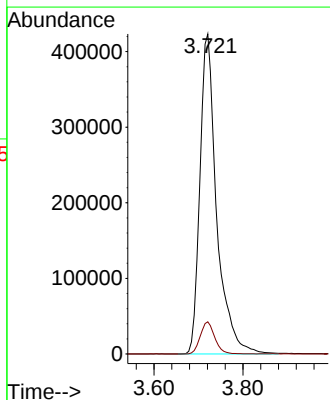
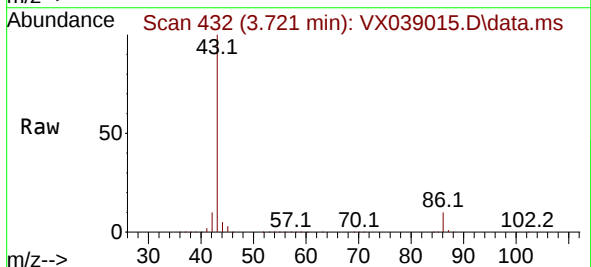
Manual Integrations
APPROVED

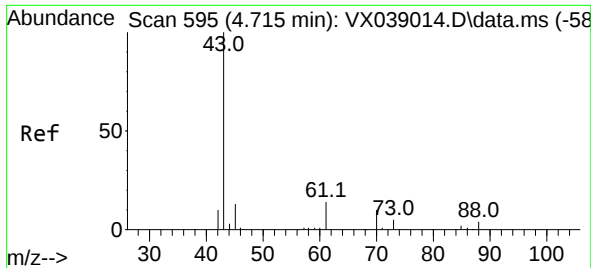
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#42
Vinyl Acetate
Concen: 259.232 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion: 43 Resp: 1112964
Ion Ratio Lower Upper
43 100
86 8.7 6.7 10.1





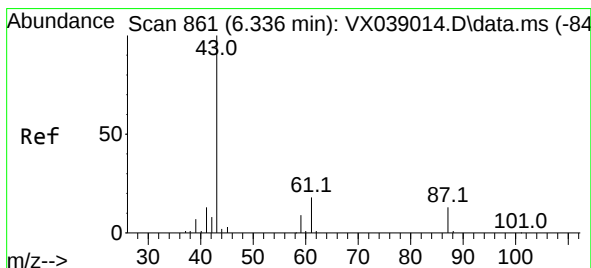
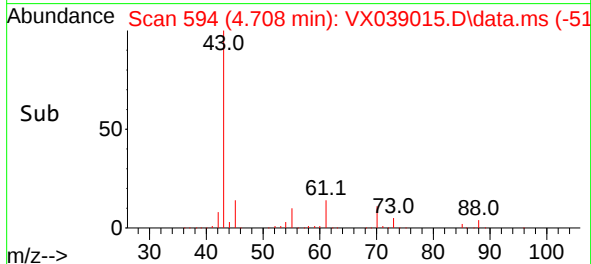
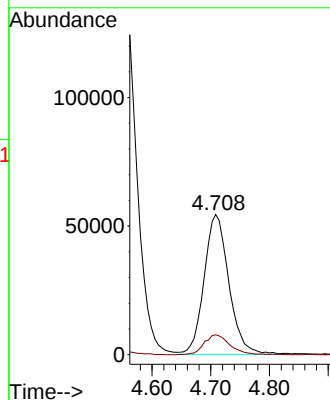
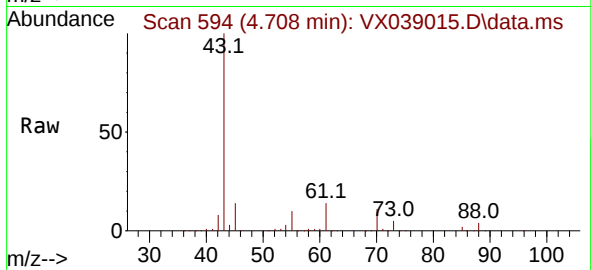
#43
Ethyl Acetate
Concen: 51.201 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 158783
Ion Ratio Lower Upper
43 100
45 14.8 11.8 17.8

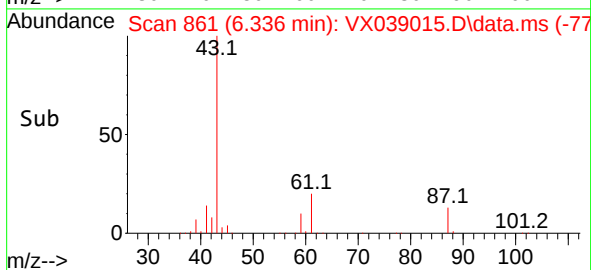
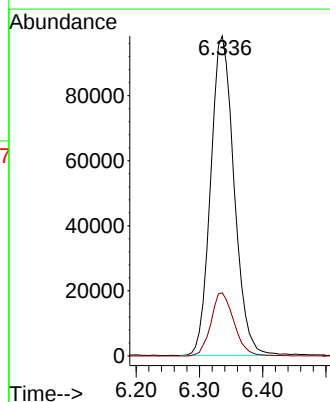
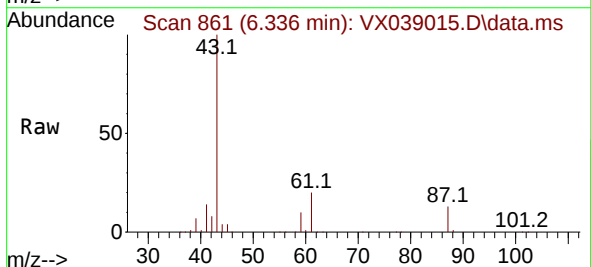
Manual Integrations
APPROVED

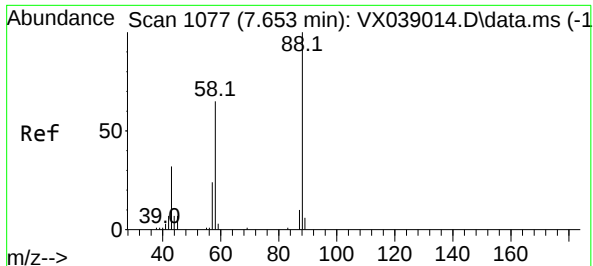
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#44
Isopropyl Acetate
Concen: 51.684 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion: 43 Resp: 252666
Ion Ratio Lower Upper
43 100
61 19.4 15.6 23.4





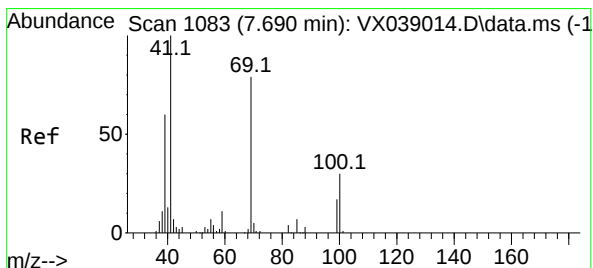
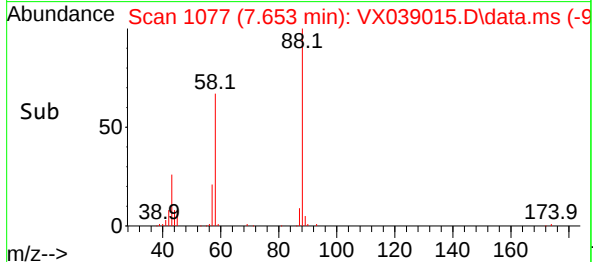
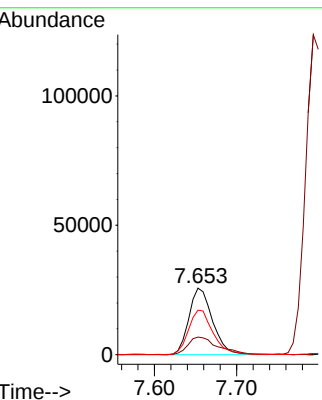
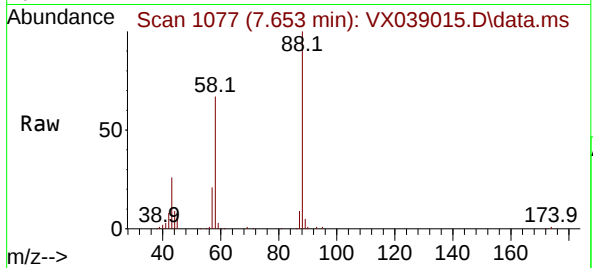
#45
1,4-Dioxane
Concen: 1026.365 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 88 Resp: 5122
Ion Ratio Lower Upper
88 100
43 32.4 28.1 42.1
58 69.6 57.7 86.5

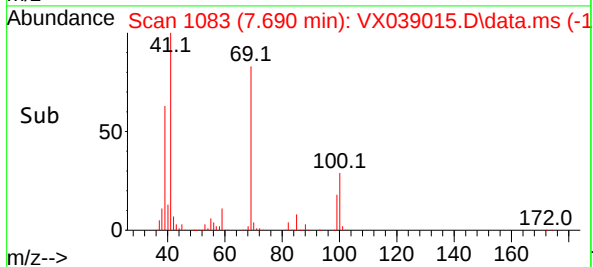
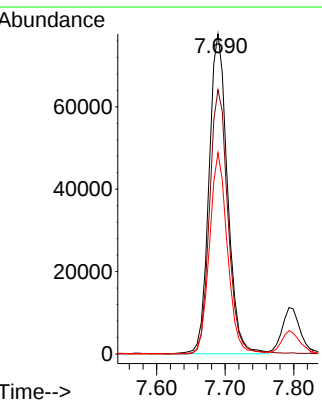
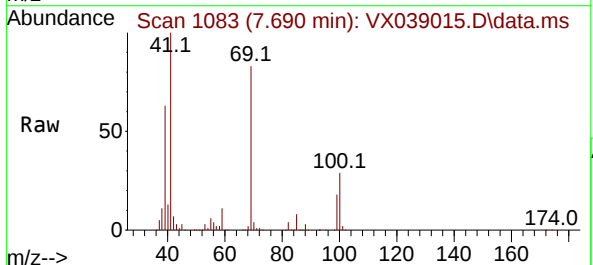
Manual Integrations
APPROVED

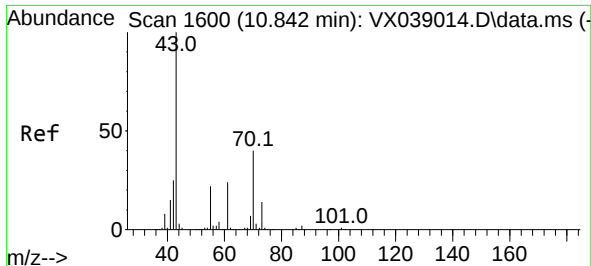
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#46
Methyl methacrylate
Concen: 51.842 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

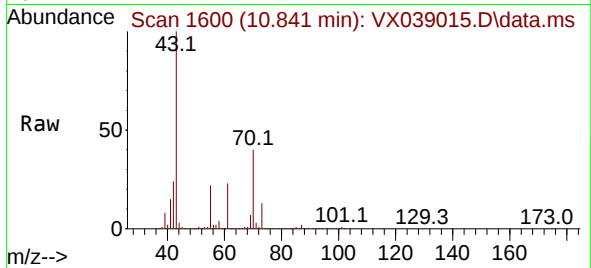
Tgt Ion: 41 Resp: 144903
Ion Ratio Lower Upper
41 100
69 82.6 39.6 118.8
39 62.9 30.1 90.3





#47
n-amy1 Acetate
Concen: 53.185 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

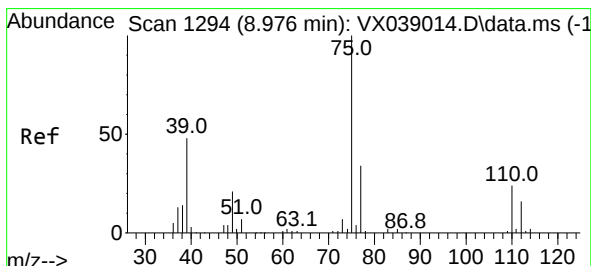
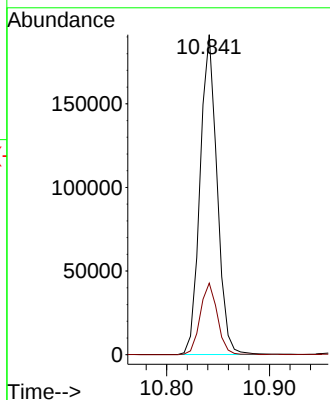
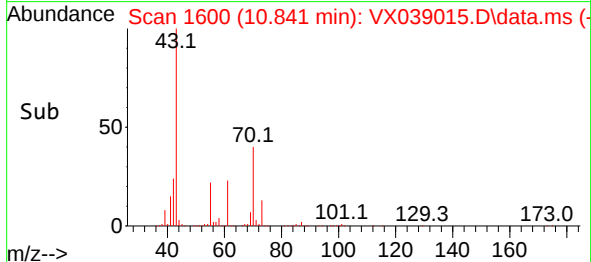
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 22006
Ion Ratio Lower Upper
43 100
55 22.5 18.2 27.2

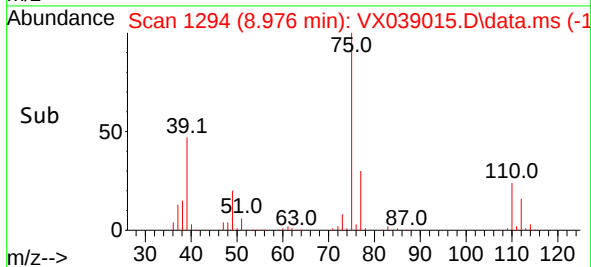
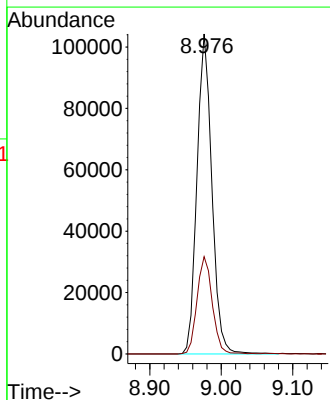
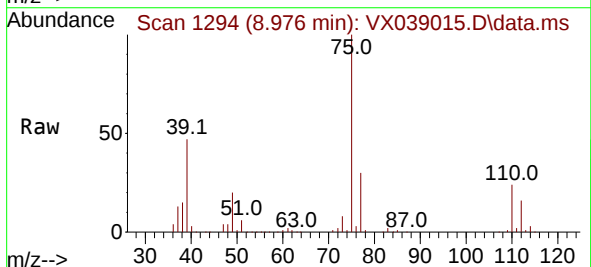
Manual Integrations
APPROVED

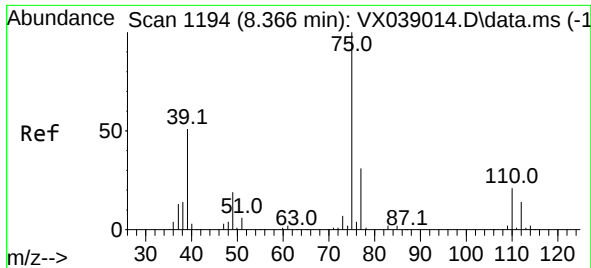
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#48
t-1,3-Dichloropropene
Concen: 52.076 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion: 75 Resp: 150757
Ion Ratio Lower Upper
75 100
77 30.4 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 52.424 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 75 Resp: 15655

Ion Ratio Lower Upper

75 100

77 31.2 24.4 36.6

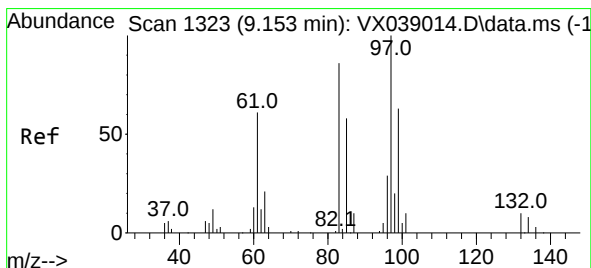
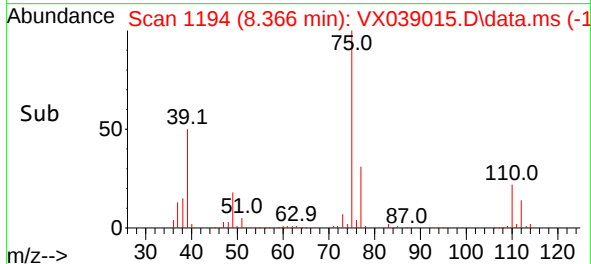
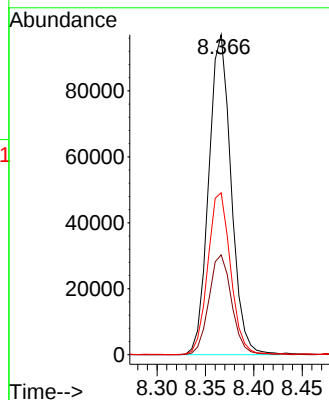
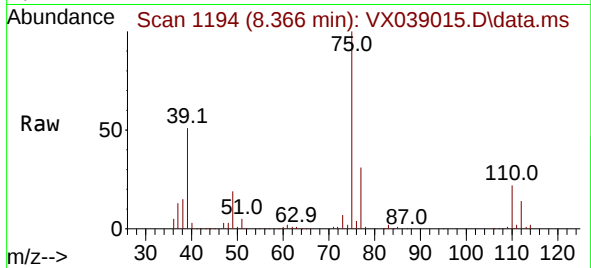
39 50.5 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#50

1,1,2-Trichloroethane

Concen: 51.821 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

Tgt Ion: 97 Resp: 91485

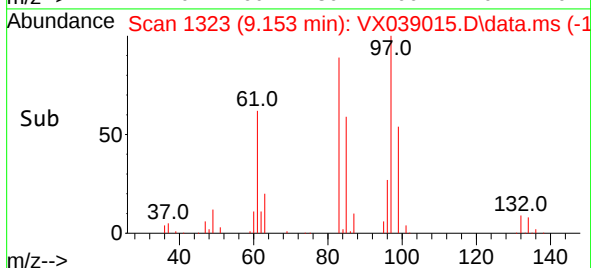
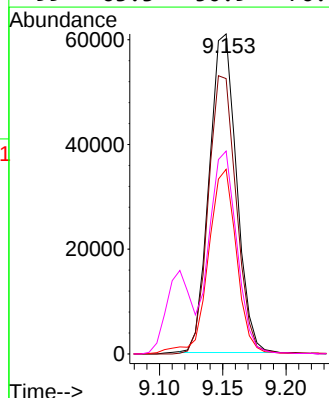
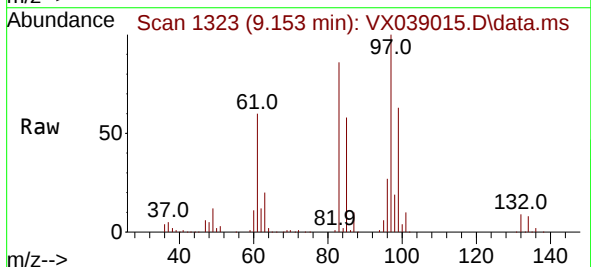
Ion Ratio Lower Upper

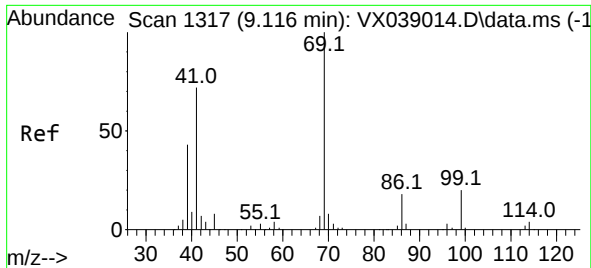
97 100

83 86.2 69.0 103.6

85 57.7 46.3 69.5

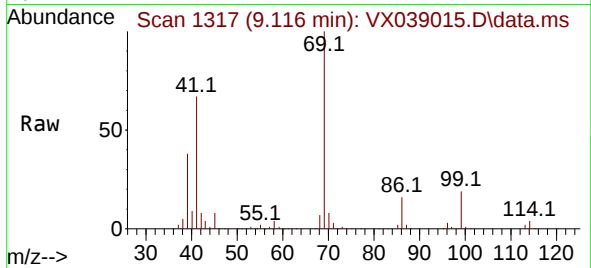
99 63.3 50.9 76.3





#51
Ethyl methacrylate
Concen: 52.399 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

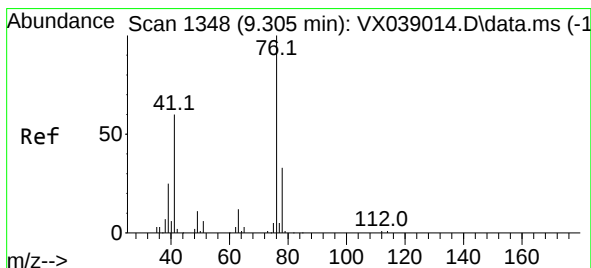
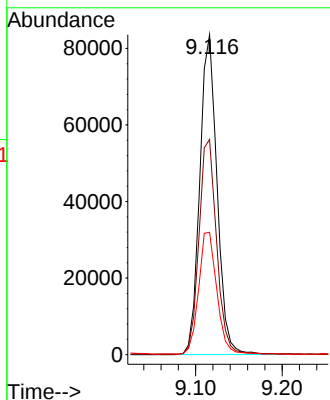
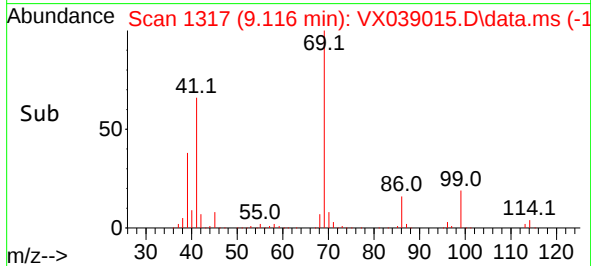
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



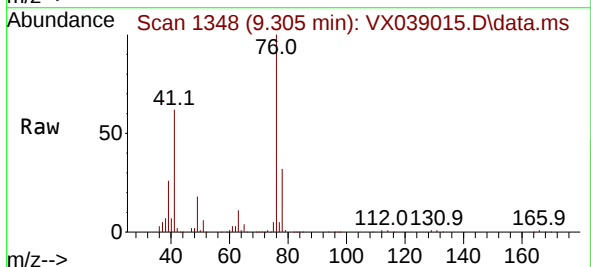
Tgt Ion: 69 Resp: 115797
Ion Ratio Lower Upper
69 100
41 67.1 36.2 108.6
39 38.1 21.1 63.4

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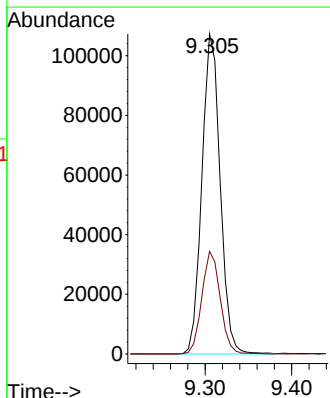
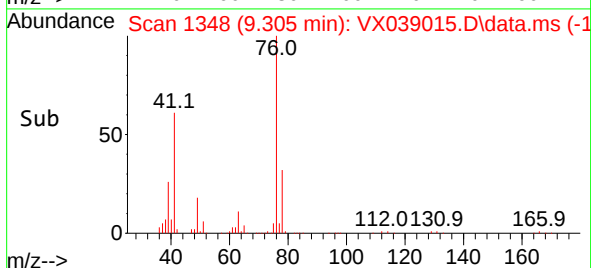
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

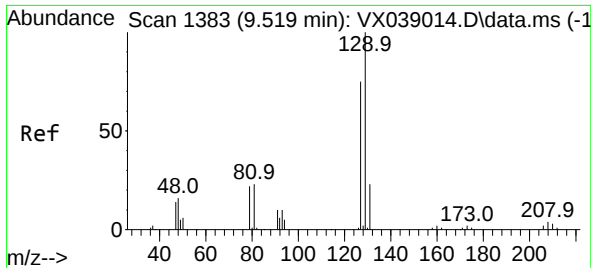


#52
1,3-Dichloropropane
Concen: 51.894 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07



Tgt Ion: 76 Resp: 157091
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.0





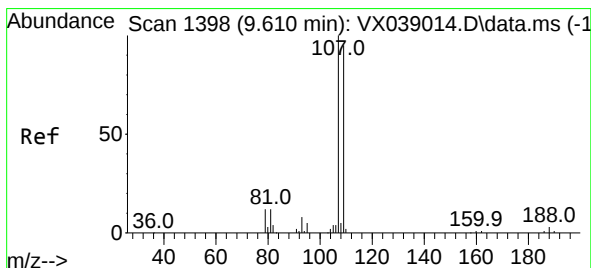
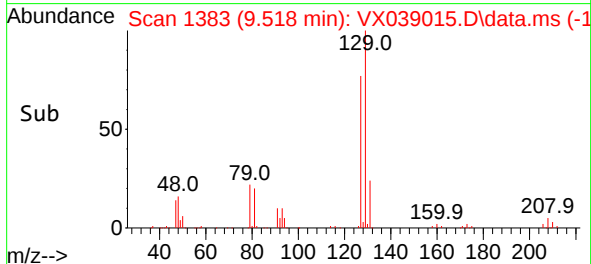
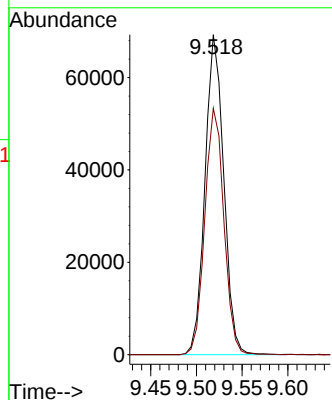
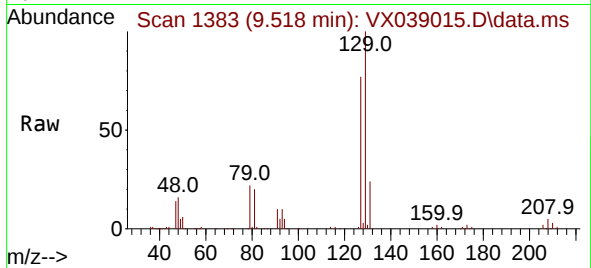
#53
Dibromochloromethane
Concen: 51.933 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:129 Resp: 98463
Ion Ratio Lower Upper
129 100
127 78.4 38.3 114.9

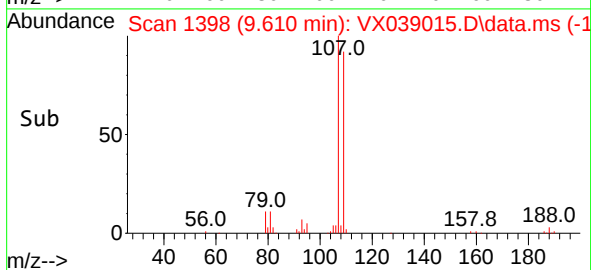
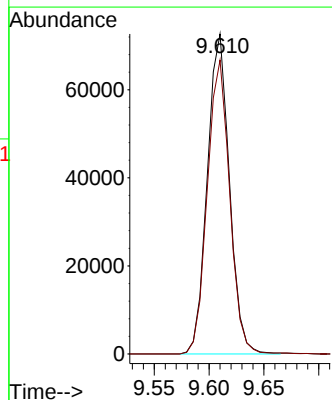
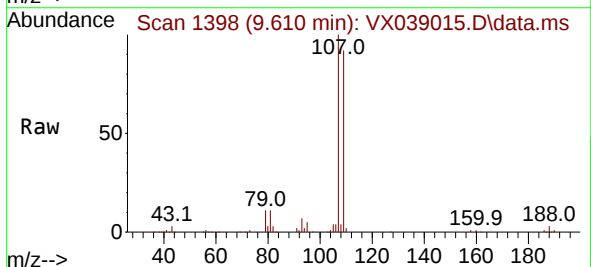
Manual Integrations
APPROVED

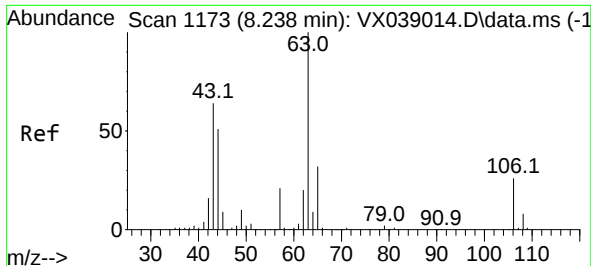
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#54
1,2-Dibromoethane
Concen: 52.588 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion:107 Resp: 101811
Ion Ratio Lower Upper
107 100
109 92.8 75.1 112.7





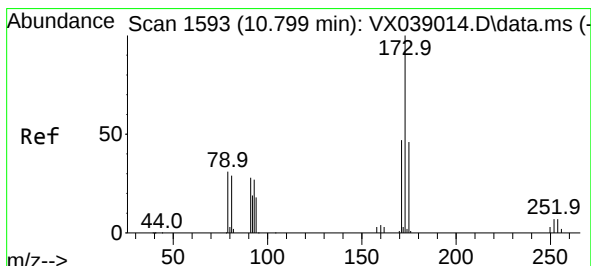
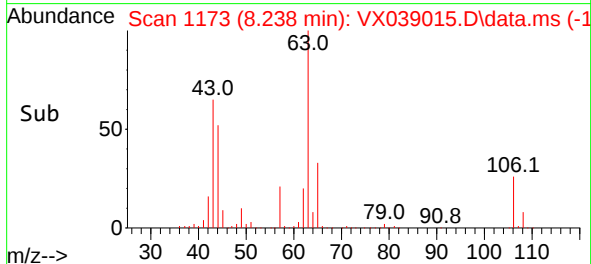
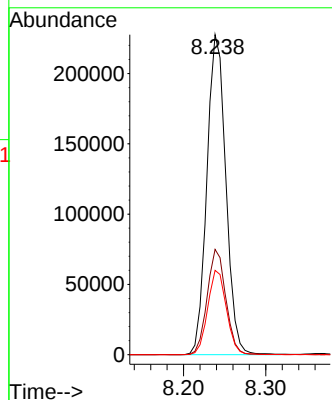
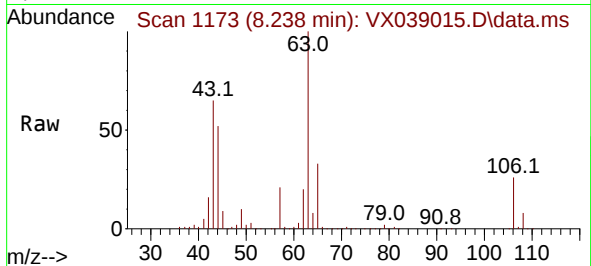
#55
2-Chloroethyl vinyl ether
Concen: 260.215 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 36428
Ion Ratio Lower Upper
63 100
65 32.4 25.8 38.6
106 26.1 20.6 31.0

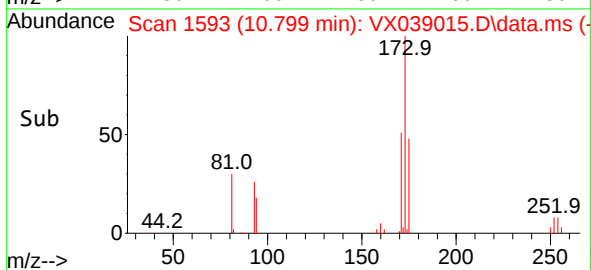
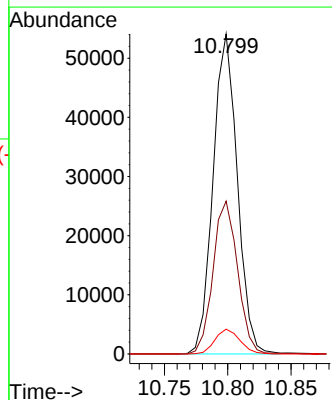
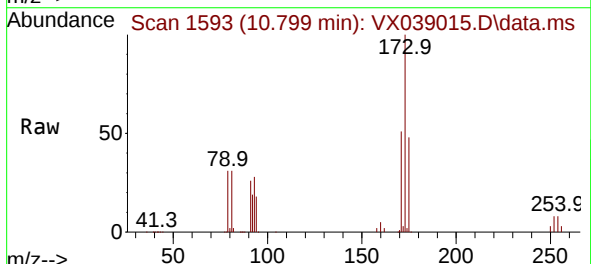
Manual Integrations
APPROVED

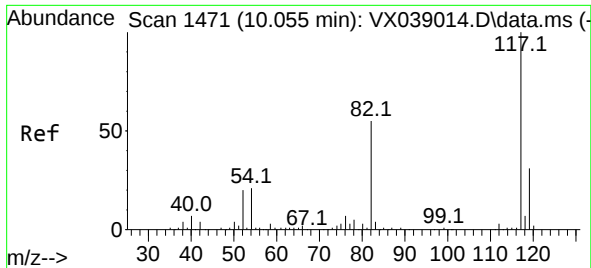
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#56
Bromoform
Concen: 52.631 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

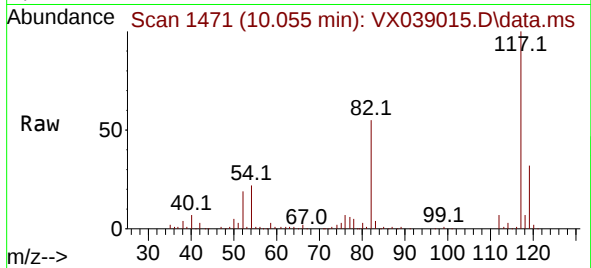
Tgt Ion:173 Resp: 72018
Ion Ratio Lower Upper
173 100
175 48.5 37.6 56.4
254 8.0 5.8 8.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

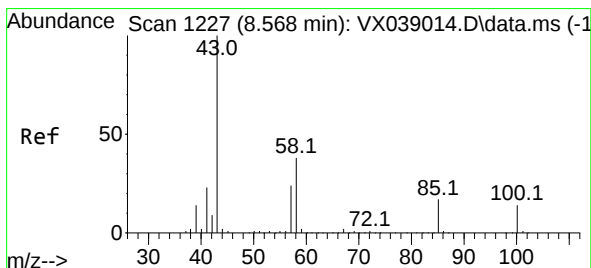
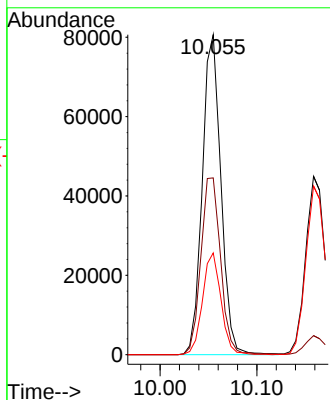
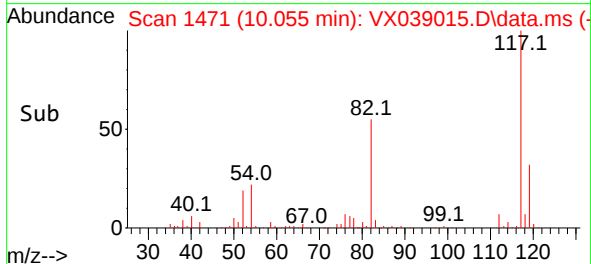
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 108188
Ion Ratio Lower Upper
117 100
82 58.4 47.0 70.6
119 31.4 25.2 37.8

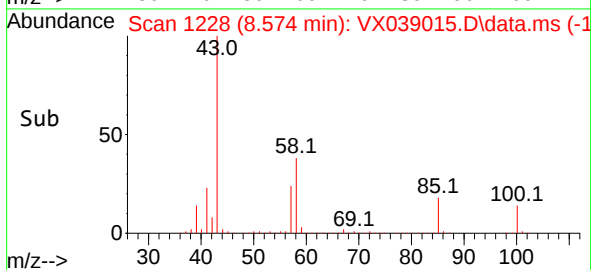
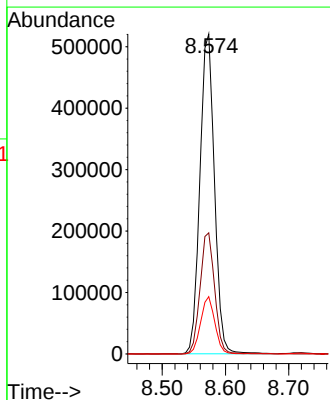
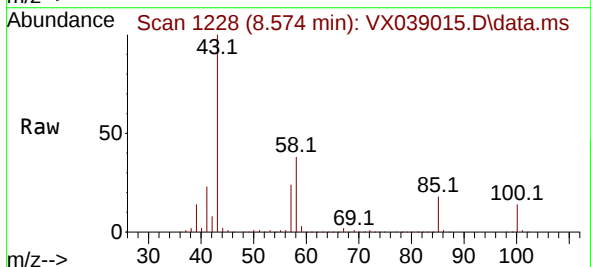
Manual Integrations
APPROVED

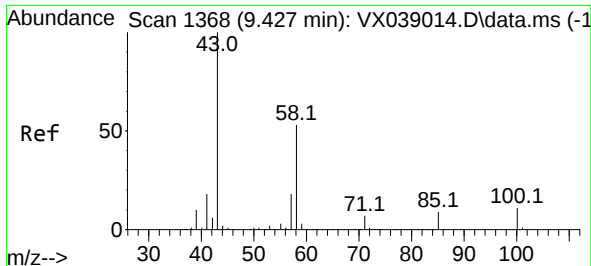
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#58
4-Methyl-2-Pentanone
Concen: 254.422 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion: 43 Resp: 834700
Ion Ratio Lower Upper
43 100
58 37.8 30.1 45.1
85 17.5 13.9 20.9





#59

2-Hexanone

Concen: 253.410 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 43 Resp: 682430

Ion Ratio Lower Upper

43 100

58 53.5 42.7 64.1

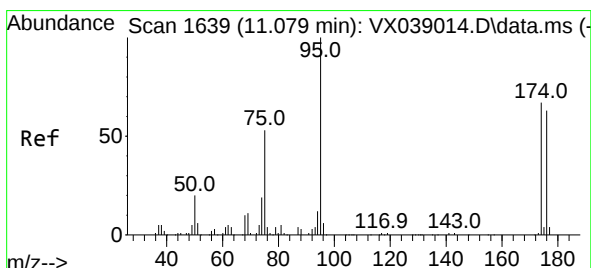
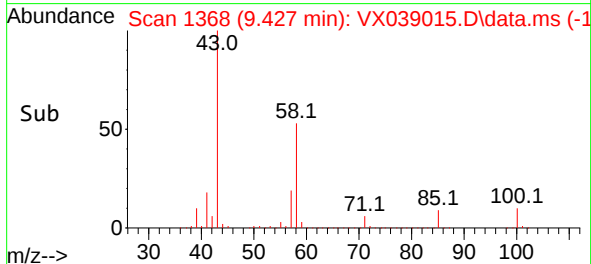
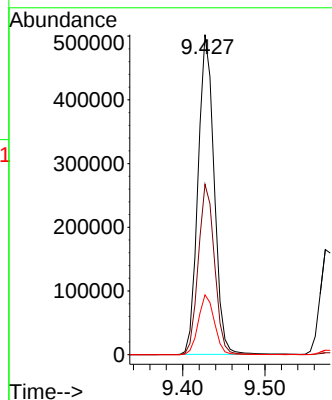
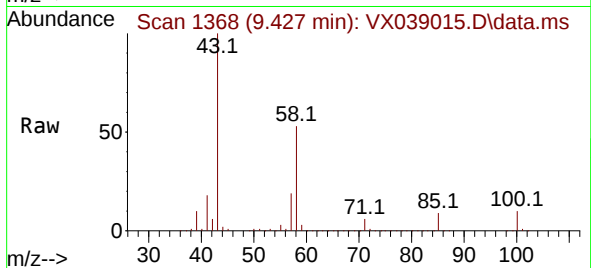
57 18.7 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#60

4-Bromofluorobenzene

Concen: 30.083 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

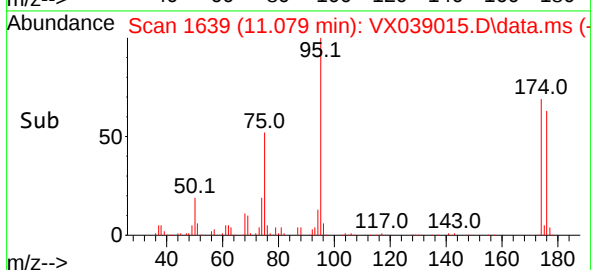
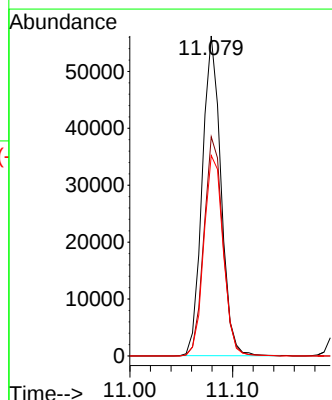
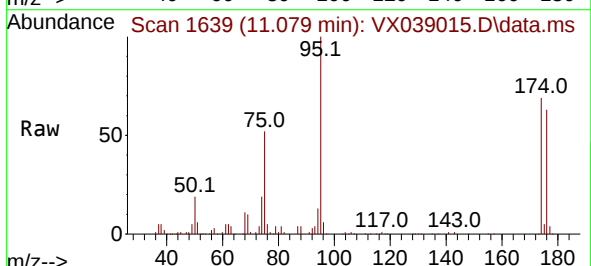
Tgt Ion: 95 Resp: 71086

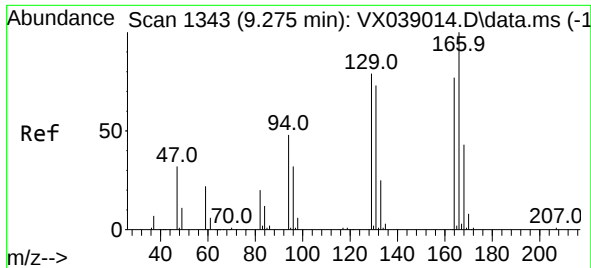
Ion Ratio Lower Upper

95 100

174 69.4 55.4 83.2

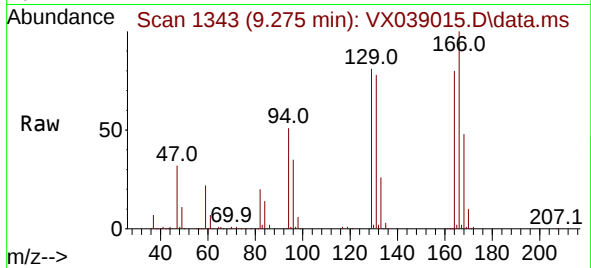
176 64.9 52.6 78.8





#61
Tetrachloroethene
Concen: 51.196 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

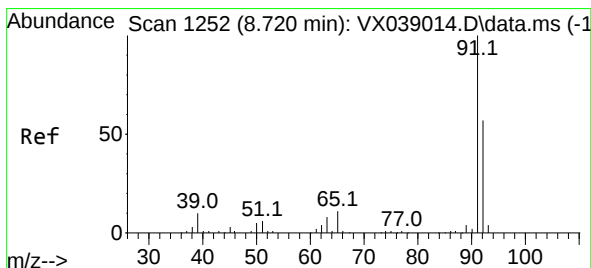
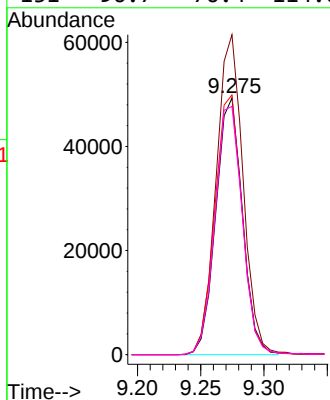
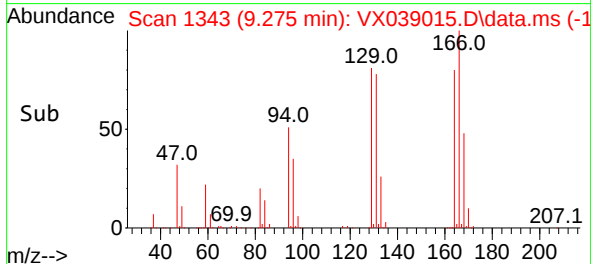
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:164 Resp: 7201
Ion Ratio Lower Upper
164 100
166 124.7 104.0 156.0
129 101.3 82.0 123.0
131 96.7 76.4 114.6

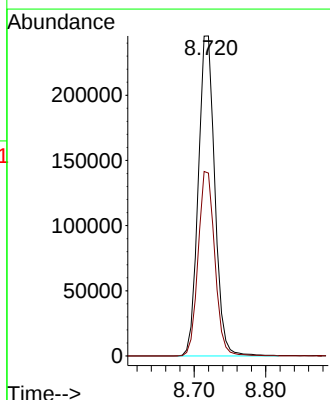
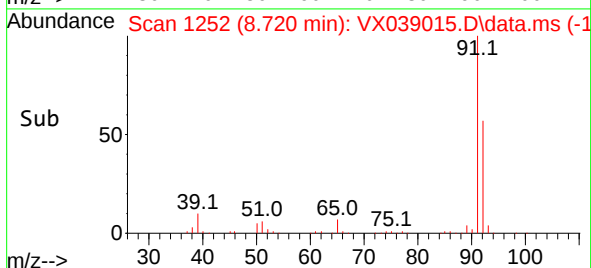
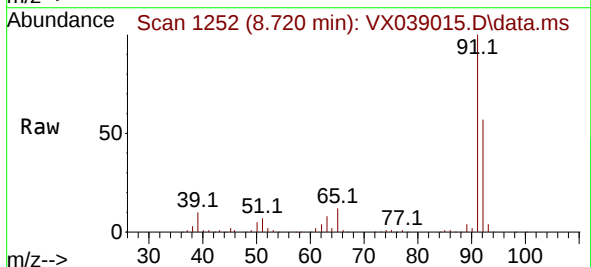
Manual Integrations
APPROVED

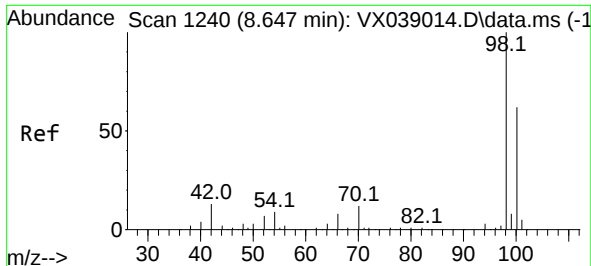
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#62
Toluene
Concen: 51.314 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

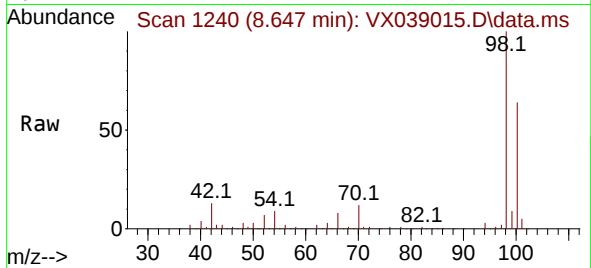
Tgt Ion: 91 Resp: 394140
Ion Ratio Lower Upper
91 100
92 57.7 45.9 68.9





#63
Toluene-d8
Concen: 29.918 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

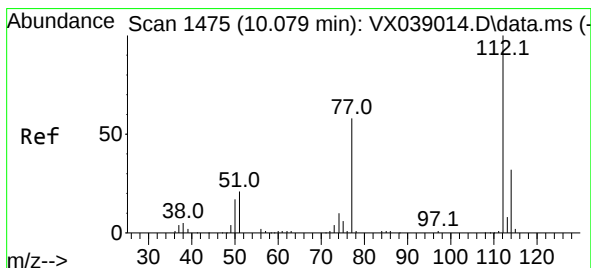
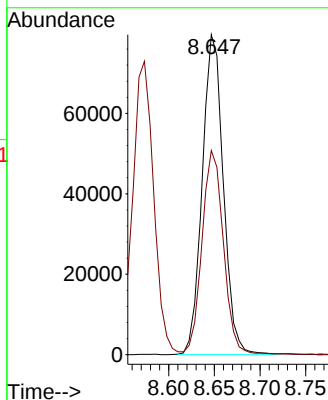
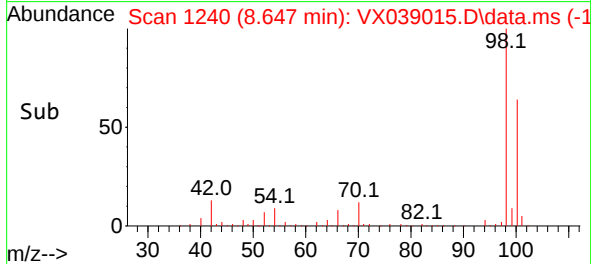
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 98 Resp: 127972
Ion Ratio Lower Upper
98 100
100 64.5 51.0 76.4

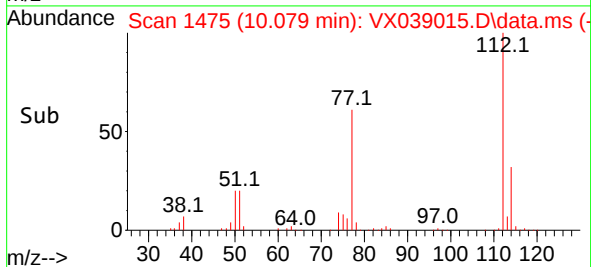
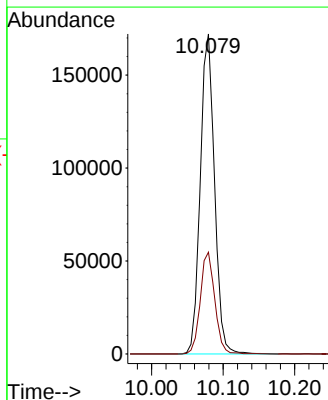
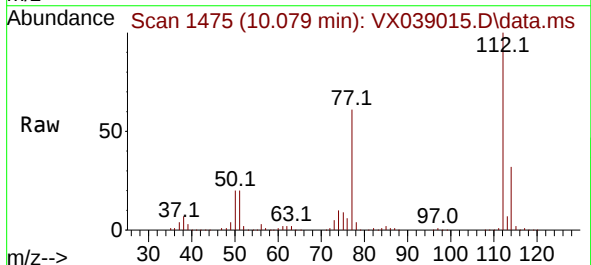
Manual Integrations
APPROVED

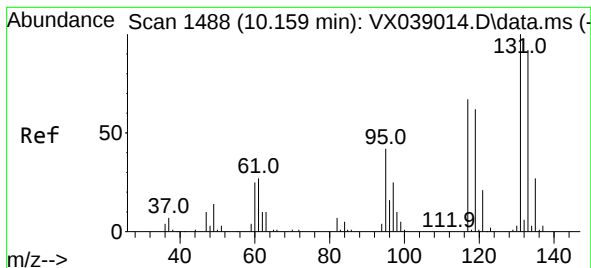
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#64
Chlorobenzene
Concen: 50.953 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion:112 Resp: 238063
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9





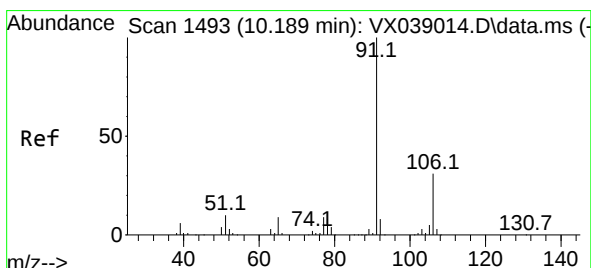
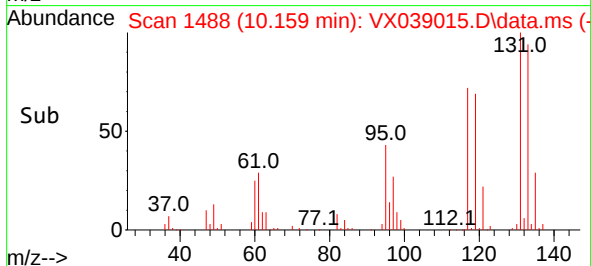
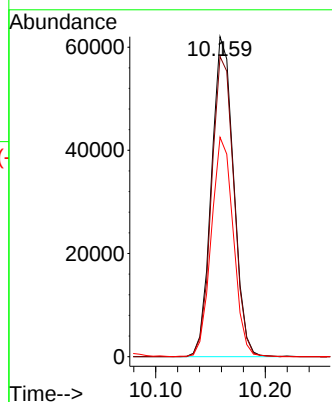
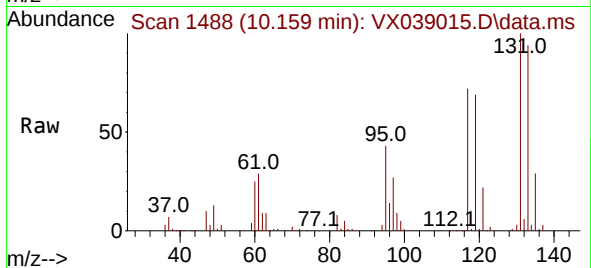
#65
1,1,1,2-Tetrachloroethane
Concen: 51.673 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:131 Resp: 86948
Ion Ratio Lower Upper
131 100
133 94.6 0.0 191.8
119 68.2 0.0 135.4

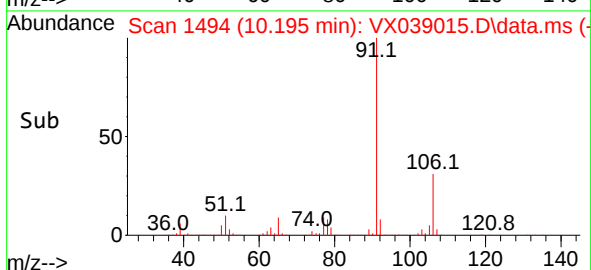
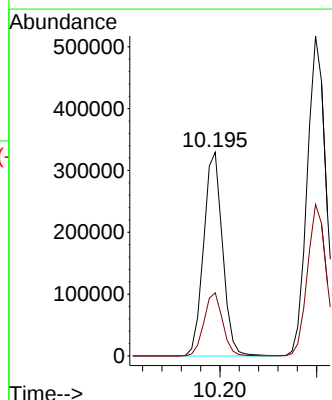
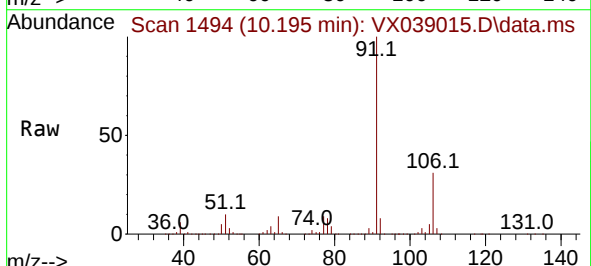
Manual Integrations
APPROVED

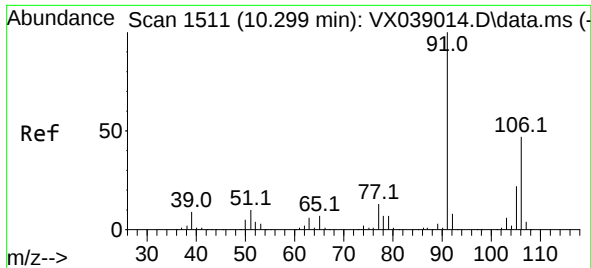
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#66
Ethyl Benzene
Concen: 51.149 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion: 91 Resp: 447364
Ion Ratio Lower Upper
91 100
106 31.1 24.4 36.6





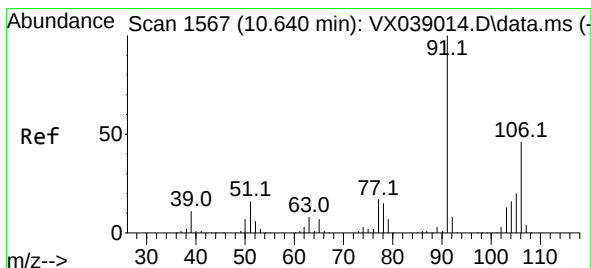
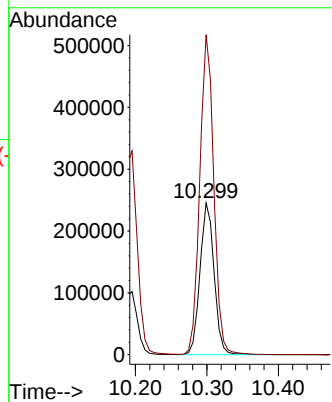
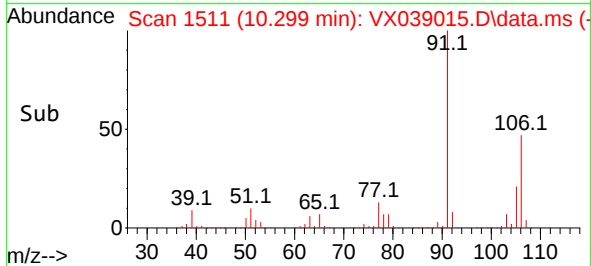
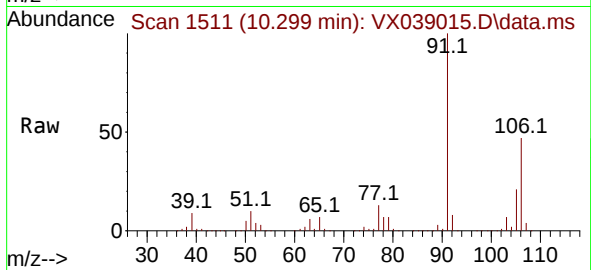
#67
m/p-Xylenes
Concen: 103.853 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 33564
Ion Ratio Lower Upper
106 100
91 209.5 169.4 254.0

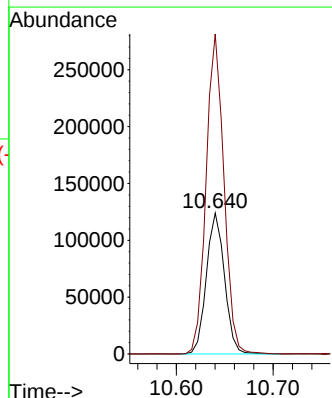
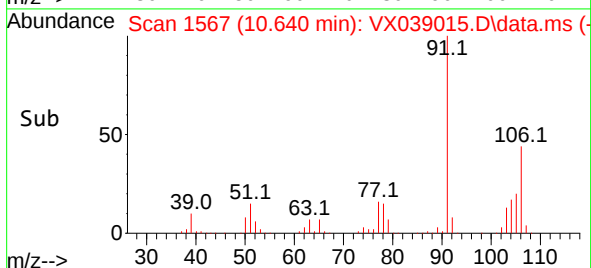
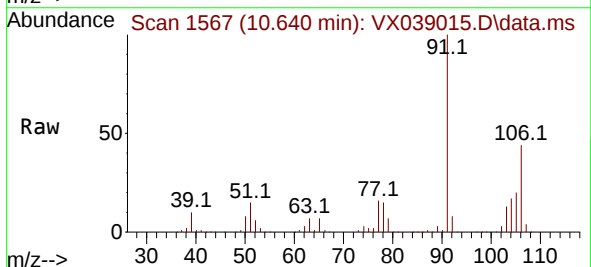
Manual Integrations
APPROVED

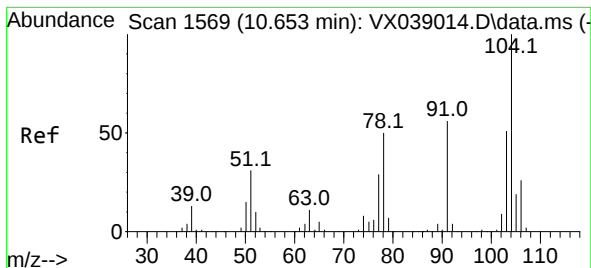
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#68
o-Xylene
Concen: 51.747 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion:106 Resp: 162003
Ion Ratio Lower Upper
106 100
91 222.8 111.2 333.6





#69

Styrene

Concen: 51.710 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

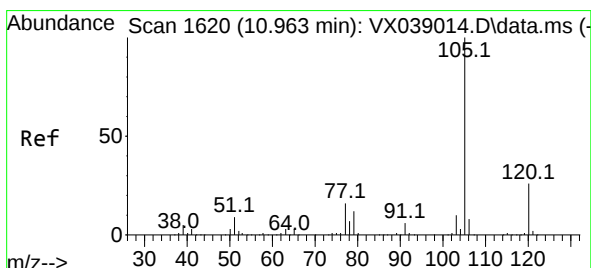
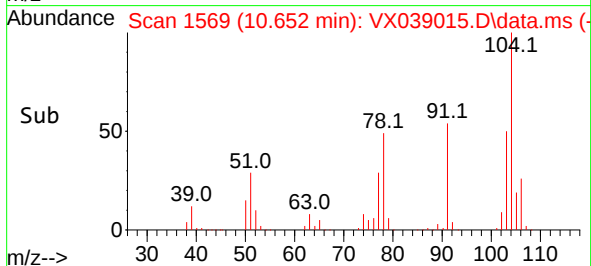
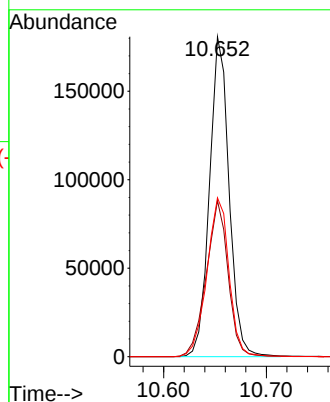
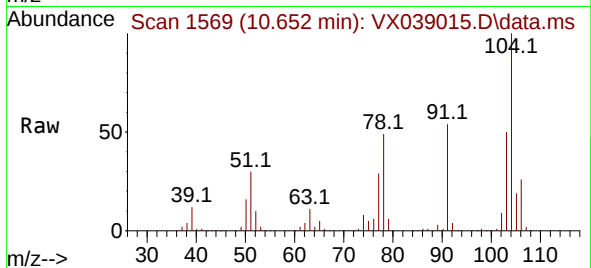
Tgt Ion:104 Resp: 23958
 Ion Ratio Lower Upper
 104 100
 78 54.2 43.7 65.5
 103 56.1 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#70

Isopropylbenzene

Concen: 51.762 ug/l

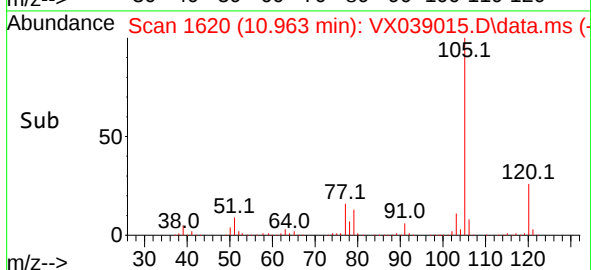
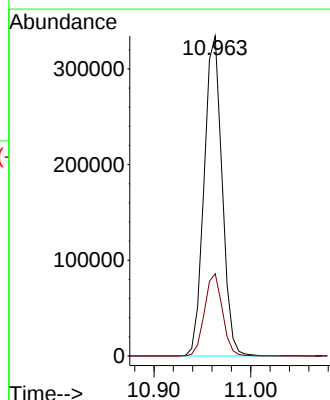
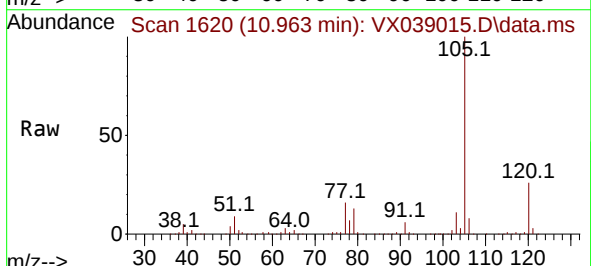
RT: 10.963 min Scan# 1620

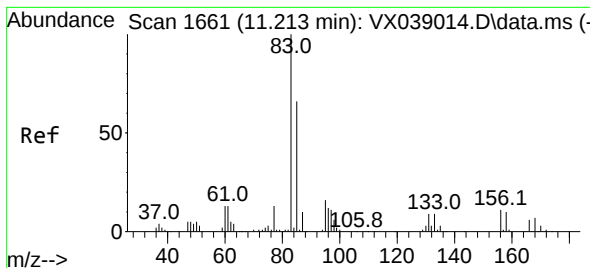
Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

Tgt Ion:105 Resp: 433571
 Ion Ratio Lower Upper
 105 100
 120 25.6 18.5 34.3





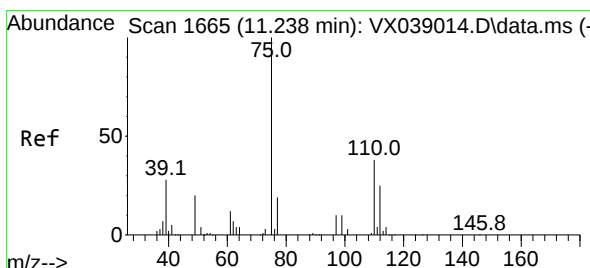
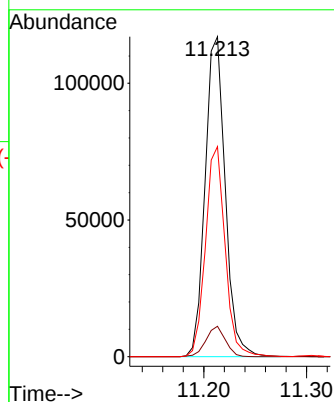
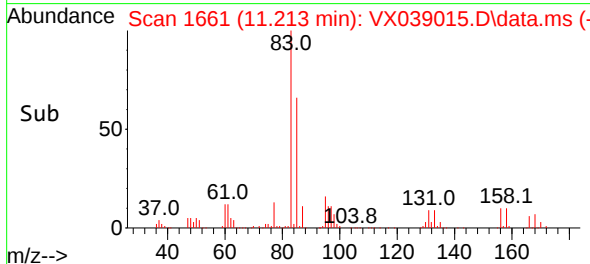
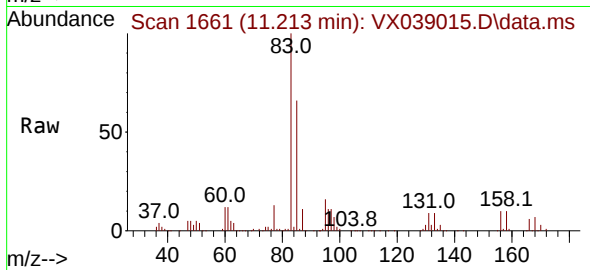
#71
1,1,2,2-Tetrachloroethane
Concen: 51.027 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 159559
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 64.2 32.5 97.4

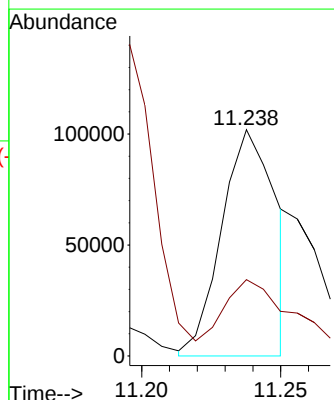
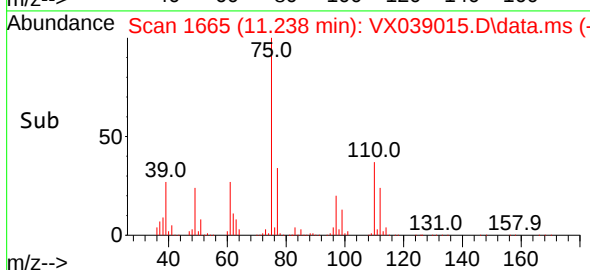
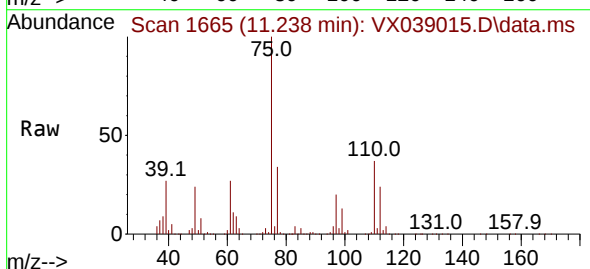
Manual Integrations
APPROVED

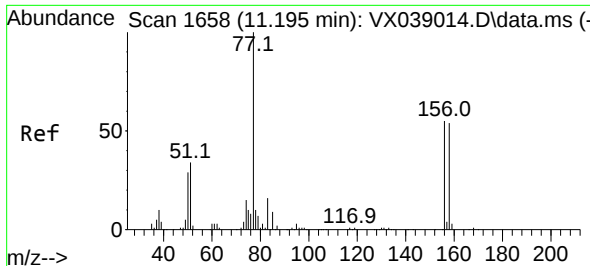
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#72
1,2,3-Trichloropropane
Concen: 38.338 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion: 75 Resp: 137762
Ion Ratio Lower Upper
75 100
77 44.8 0.0 76.4





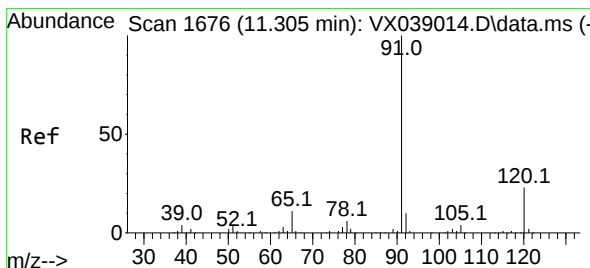
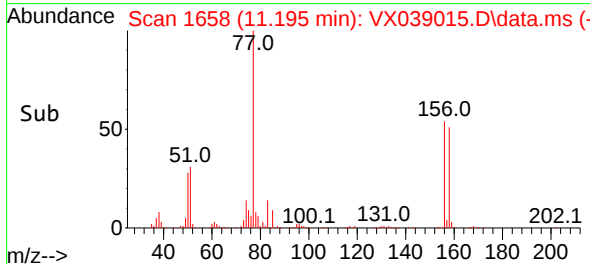
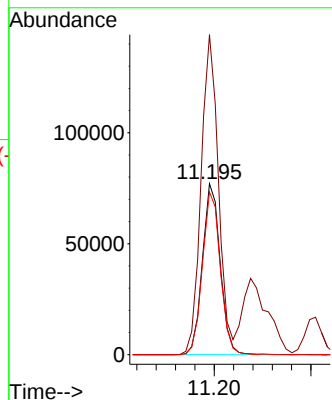
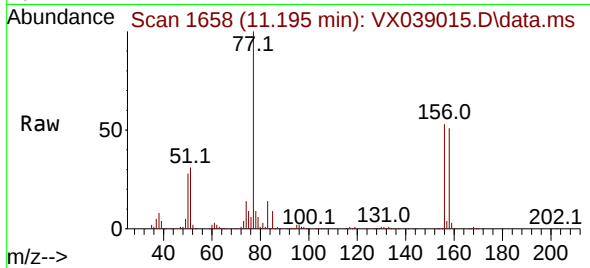
#73
Bromobenzene
Concen: 51.683 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:156 Resp: 98562
Ion Ratio Lower Upper
156 100
77 182.4 0.0 363.2
158 95.5 0.0 197.8

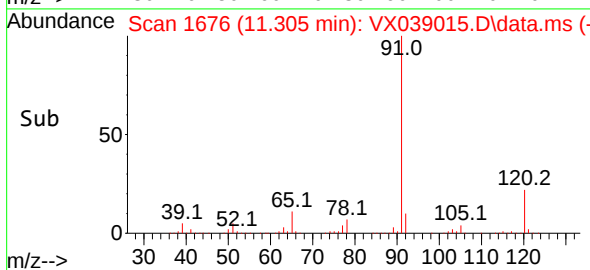
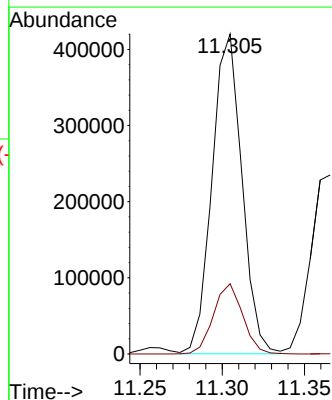
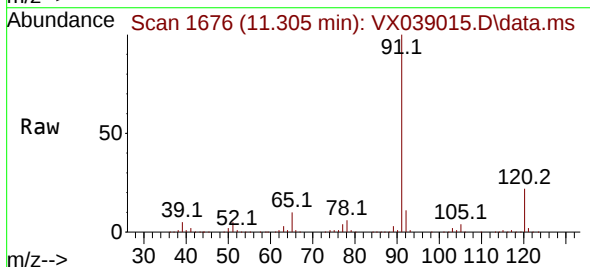
Manual Integrations
APPROVED

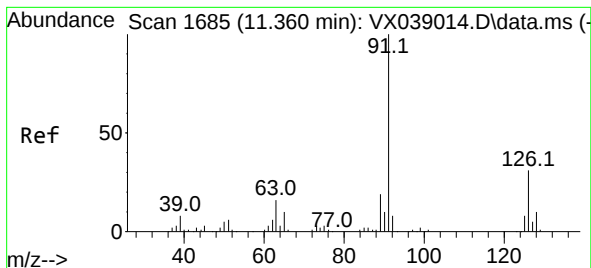
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#74
n-propylbenzene
Concen: 51.719 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion: 91 Resp: 530764
Ion Ratio Lower Upper
91 100
120 21.5 0.0 43.4





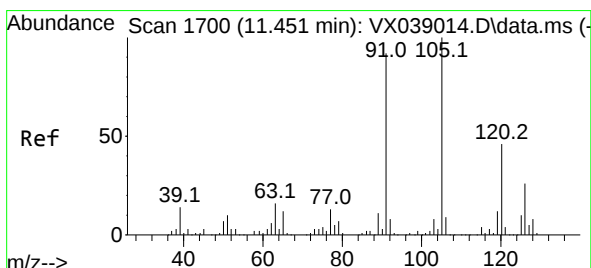
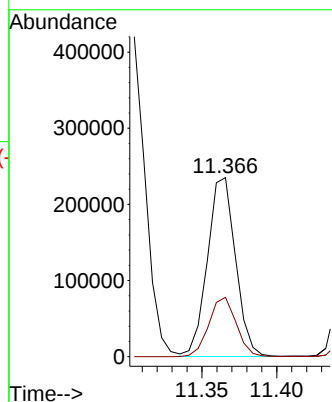
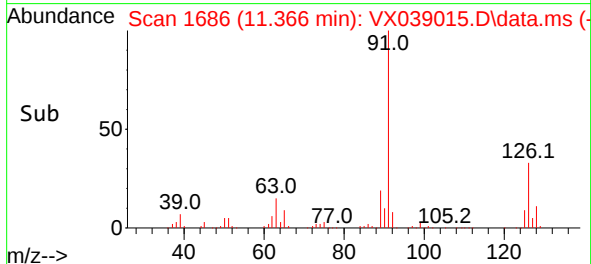
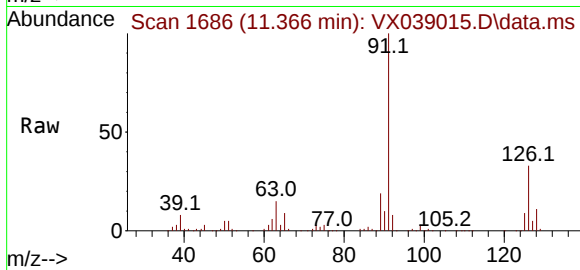
#75
2-Chlorotoluene
Concen: 51.012 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 30713
Ion Ratio Lower Upper
91 100
126 32.4 0.0 64.2

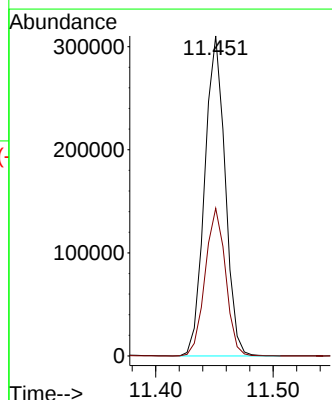
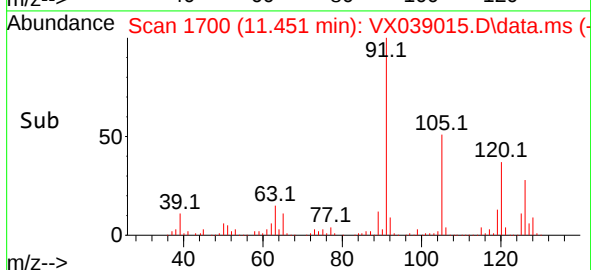
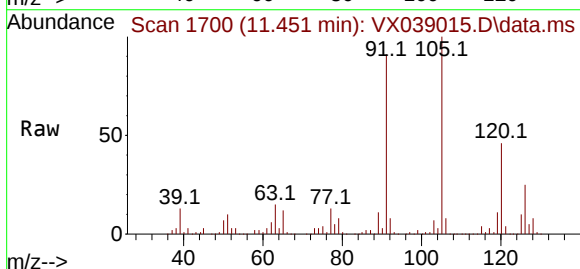
Manual Integrations
APPROVED

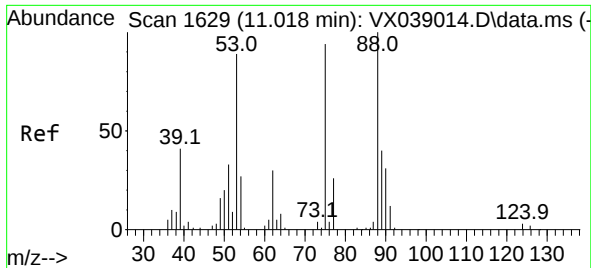
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 51.942 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion:105 Resp: 374815
Ion Ratio Lower Upper
105 100
120 46.2 0.0 92.6





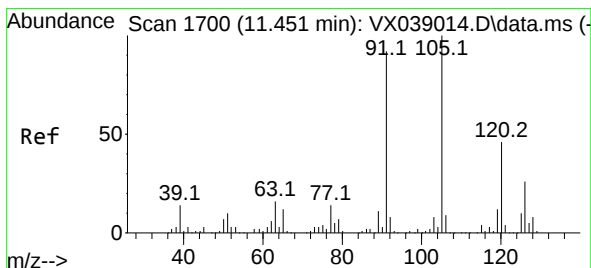
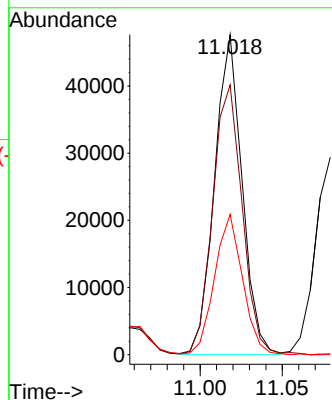
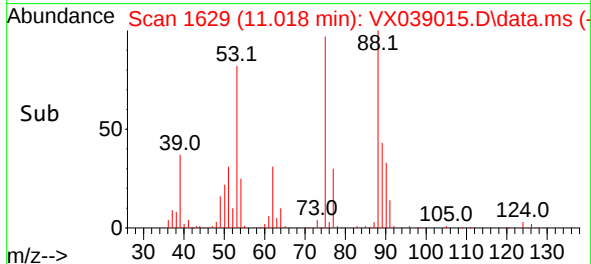
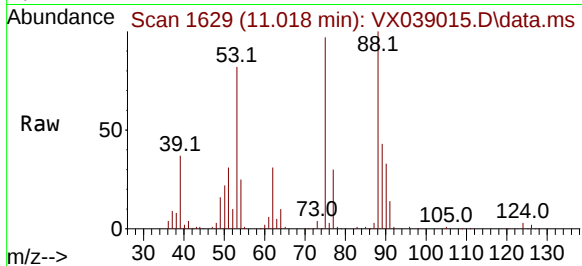
#77
t-1,4-Dichloro-2-butene
Concen: 52.903 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 55460
Ion Ratio Lower Upper
75 100
53 84.1 46.9 140.8
89 43.7 21.3 63.7

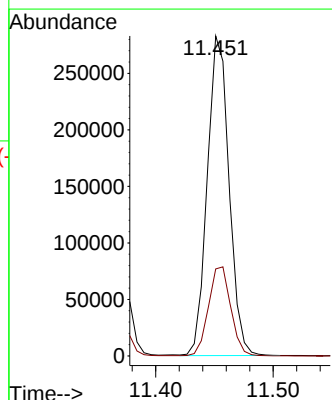
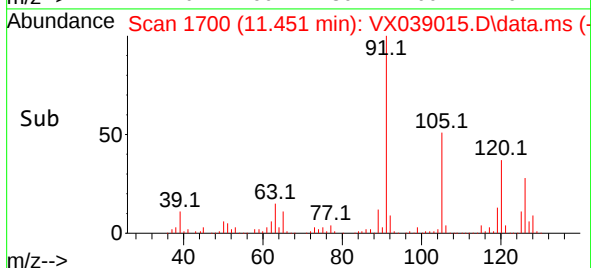
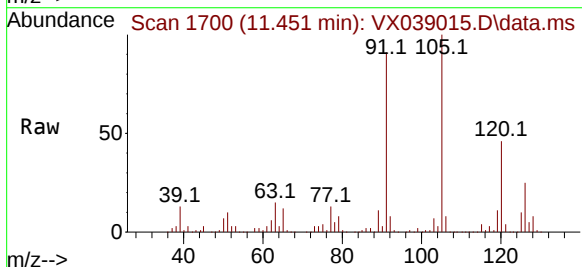
Manual Integrations
APPROVED

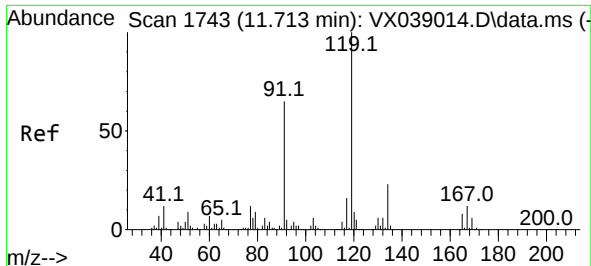
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#78
4-Chlorotoluene
Concen: 51.378 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

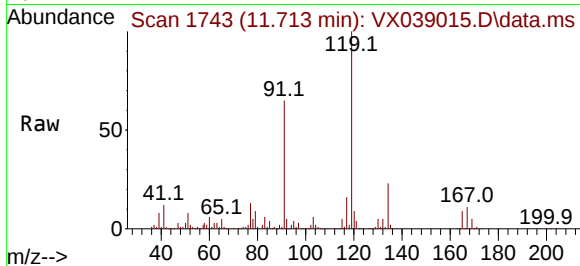
Tgt Ion: 91 Resp: 363699
Ion Ratio Lower Upper
91 100
126 28.7 0.0 57.4





#79
tert-butylbenzene
Concen: 51.761 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

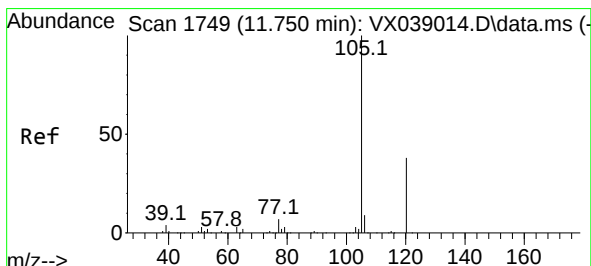
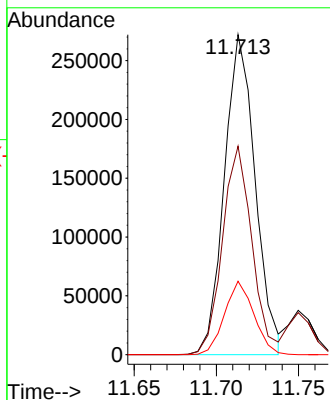
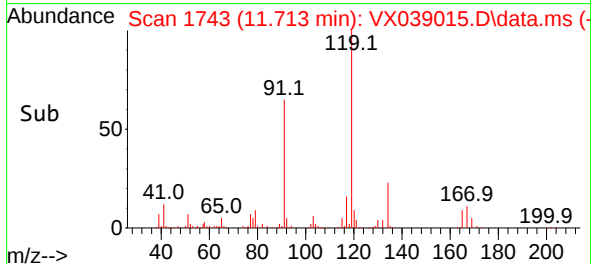
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:119 Resp: 355169
Ion Ratio Lower Upper
119 100
91 62.3 0.0 125.6
134 21.9 0.0 43.8

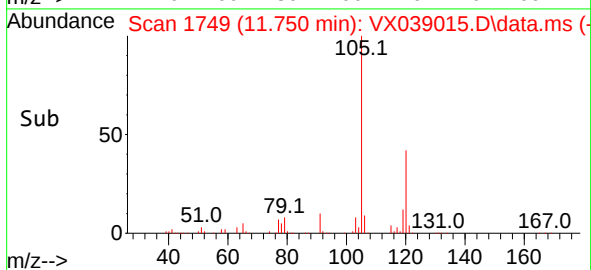
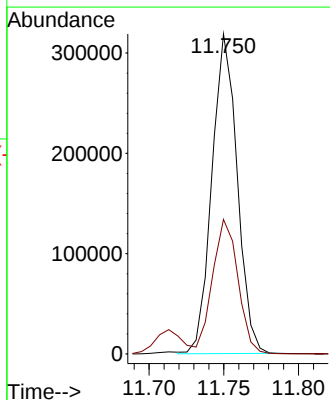
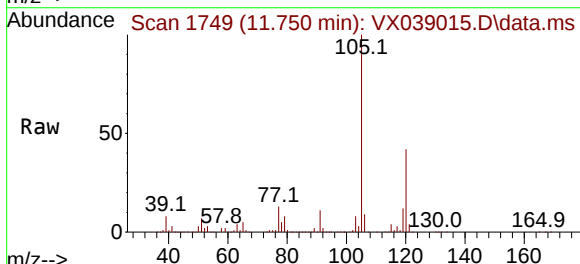
Manual Integrations
APPROVED

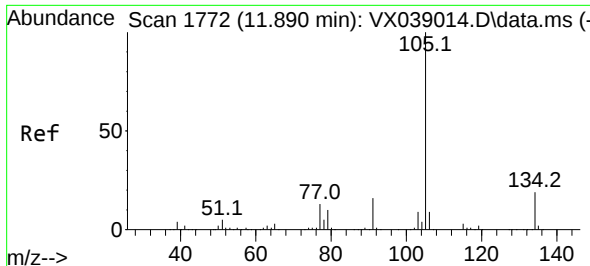
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 51.833 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

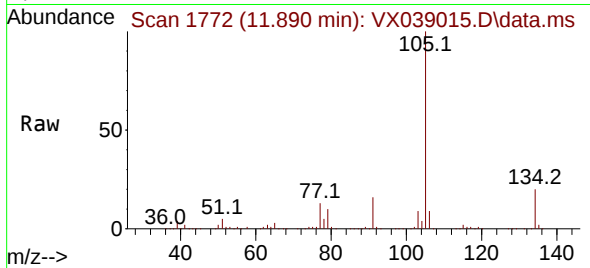
Tgt Ion:105 Resp: 374337
Ion Ratio Lower Upper
105 100
120 42.3 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 51.920 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039015.D
 Acq: 24 Nov 2023 10:07

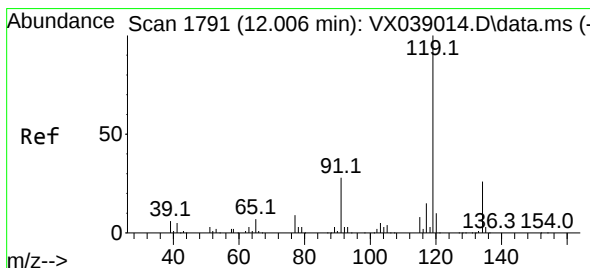
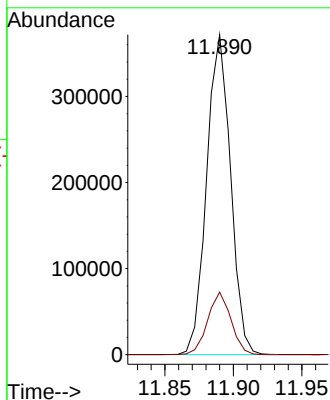
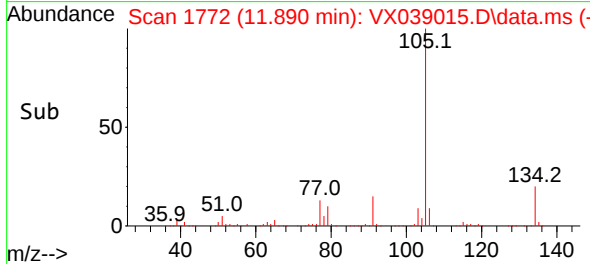
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



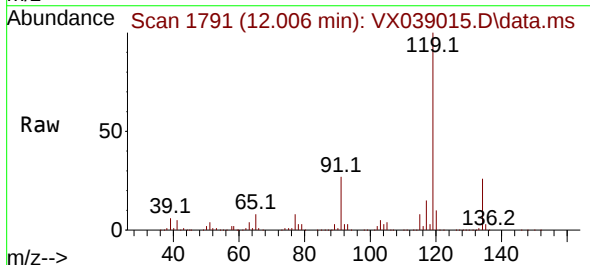
Tgt Ion:105 Resp: 450368
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.4

Manual Integrations
 APPROVED

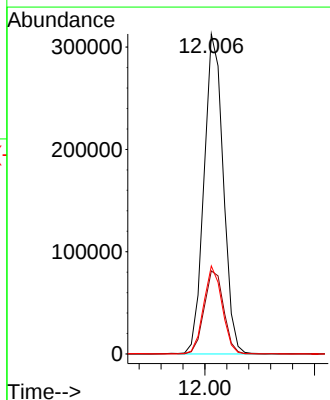
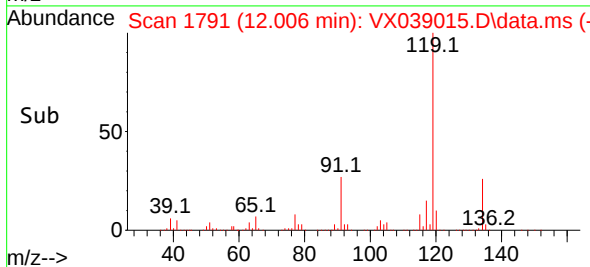
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023

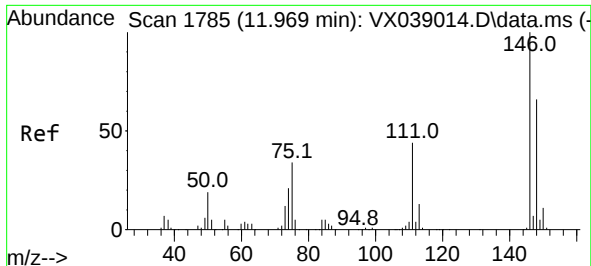


#82
 p-Isopropyltoluene
 Concen: 51.804 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039015.D
 Acq: 24 Nov 2023 10:07



Tgt Ion:119 Resp: 380844
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.6
 91 26.2 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 51.654 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:146 Resp: 188514

Ion Ratio Lower Upper

146 100

111 44.4 22.3 66.9

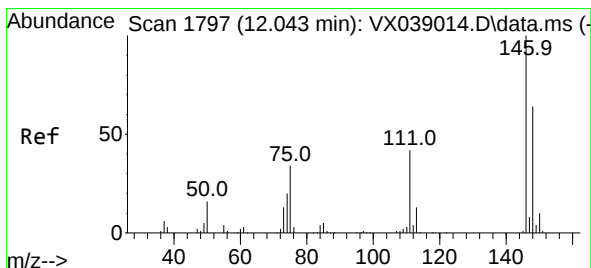
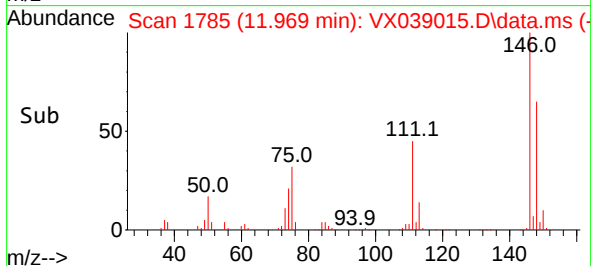
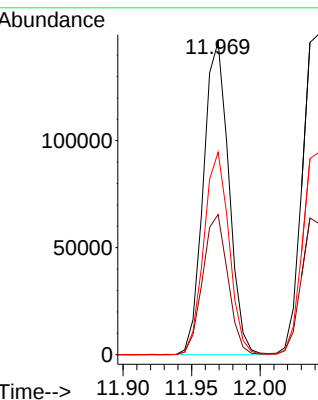
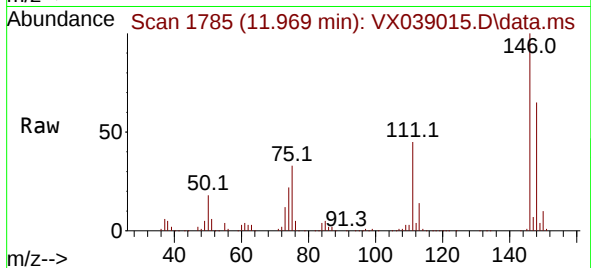
148 64.0 32.8 98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#84

1,4-Dichlorobenzene

Concen: 51.548 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

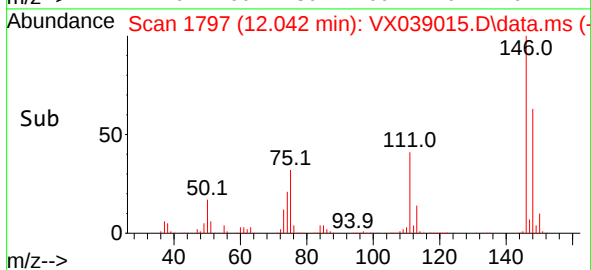
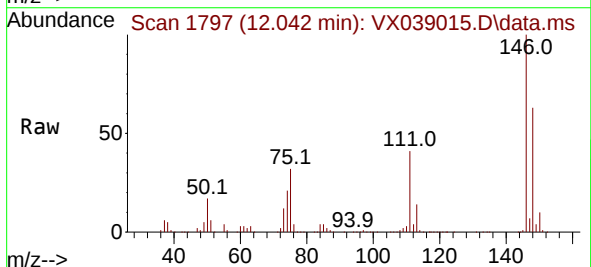
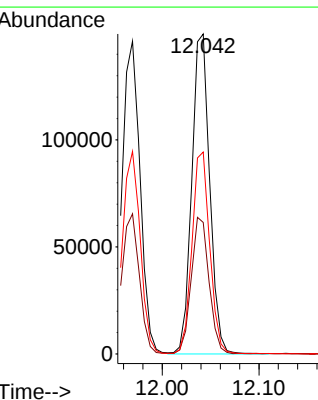
Tgt Ion:146 Resp: 193033

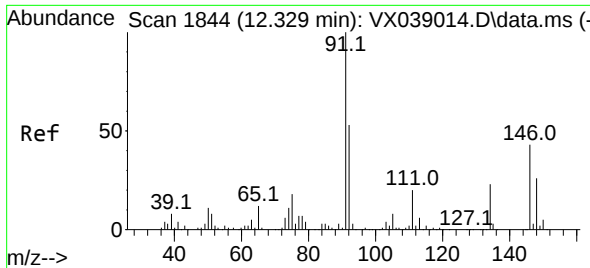
Ion Ratio Lower Upper

146 100

111 42.5 21.4 64.2

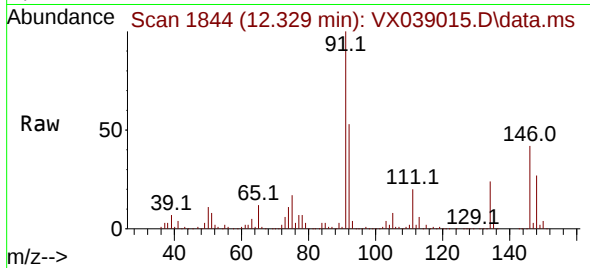
148 62.4 31.8 95.4





#85
n-Butylbenzene
Concen: 51.934 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

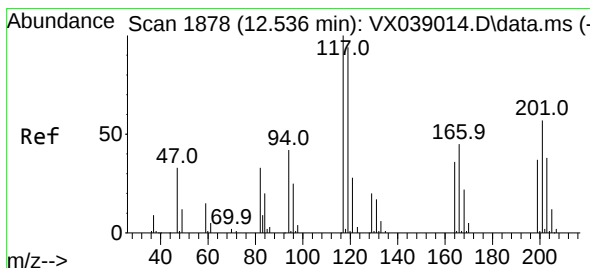
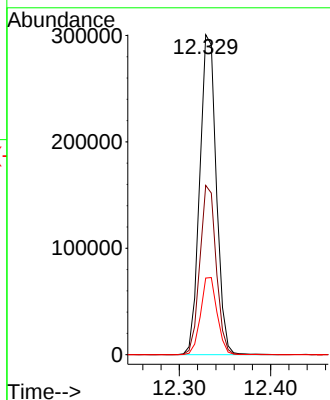
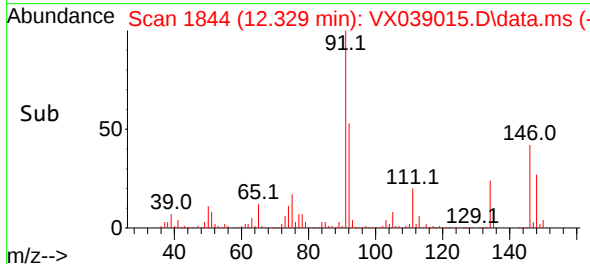
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 91 Resp: 377010
Ion Ratio Lower Upper
91 100
92 52.1 0.0 106.2
134 24.1 0.0 48.8

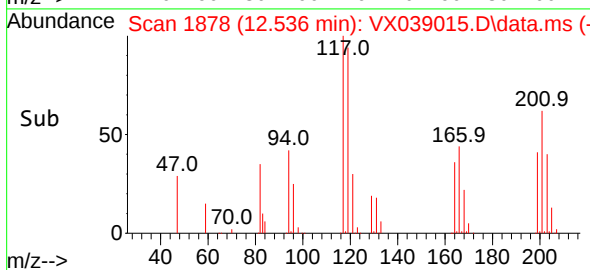
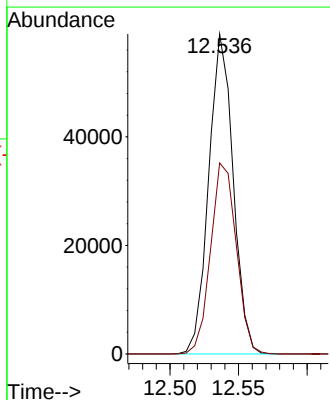
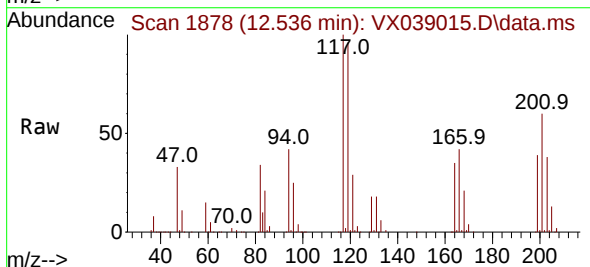
Manual Integrations
APPROVED

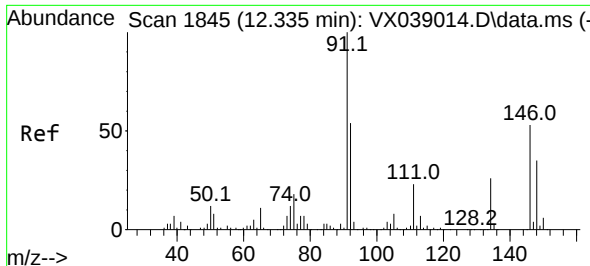
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#86
Hexachloroethane
Concen: 52.421 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

Tgt Ion:117 Resp: 73021
Ion Ratio Lower Upper
117 100
201 62.9 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 51.958 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039015.D

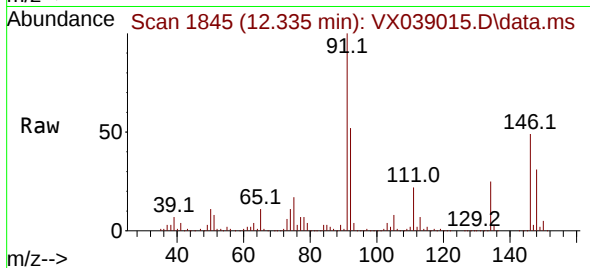
Acq: 24 Nov 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050



Tgt Ion:146 Resp: 18234

Ion Ratio Lower Upper

146 100

111 45.1 22.4 67.2

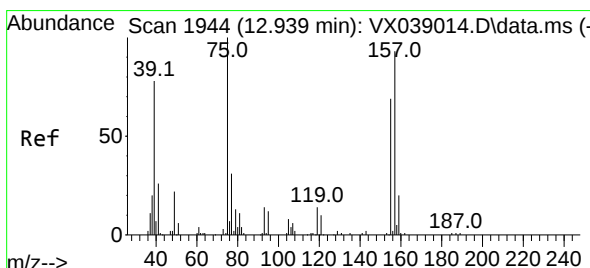
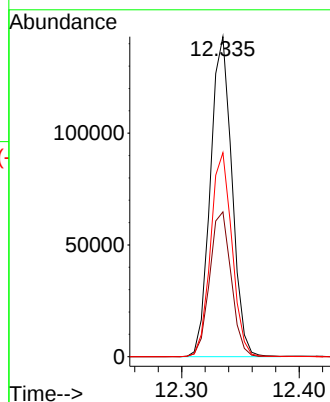
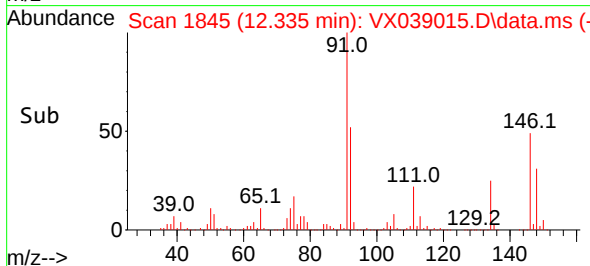
148 63.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 51.172 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

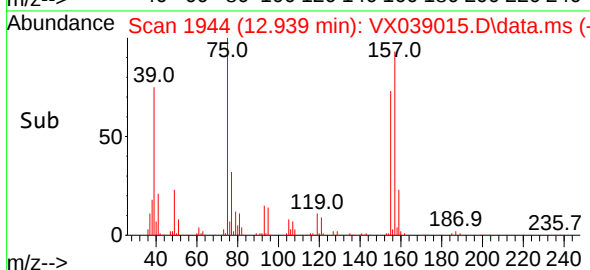
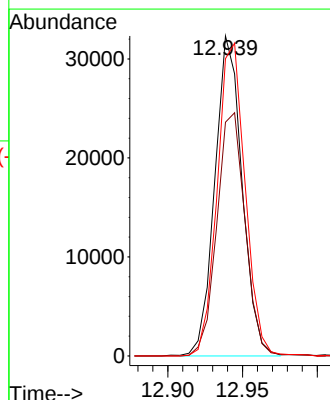
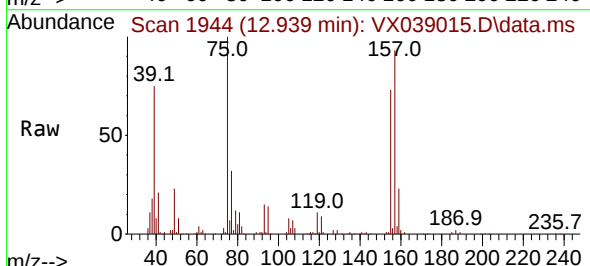
Tgt Ion: 75 Resp: 40923

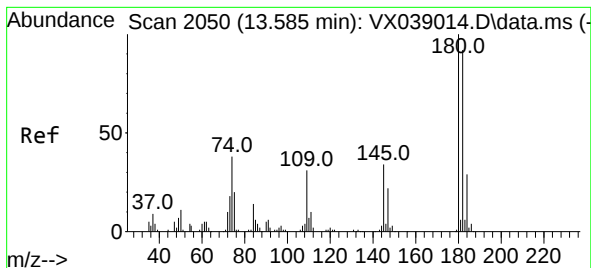
Ion Ratio Lower Upper

75 100

155 79.0 58.2 87.4

157 100.3 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 52.031 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

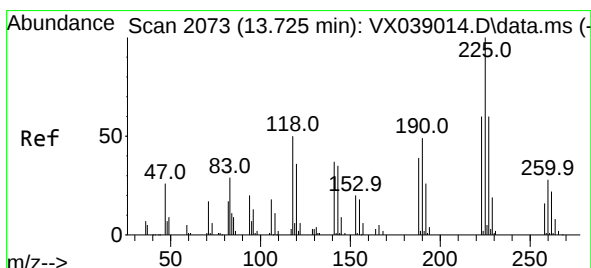
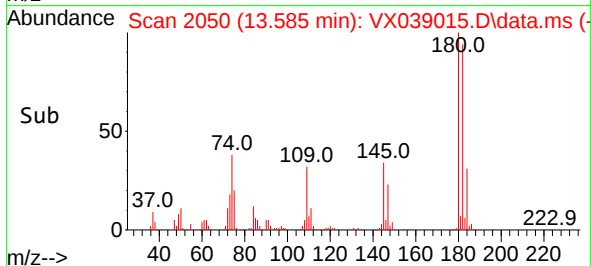
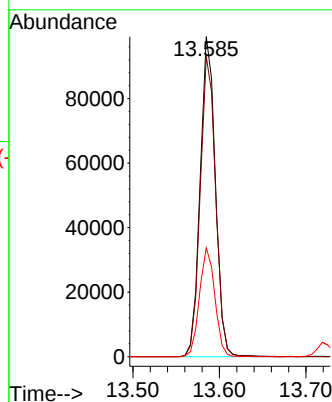
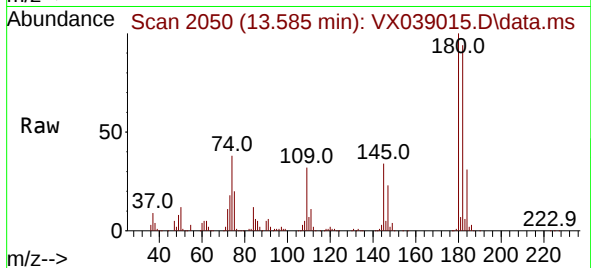
Tgt Ion:180	Resp:	121064
Ion Ratio	Lower	Upper
180	100	
182	94.5	74.5 111.7
145	34.2	26.6 40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#90

Hexachlorobutadiene

Concen: 53.087 ug/l

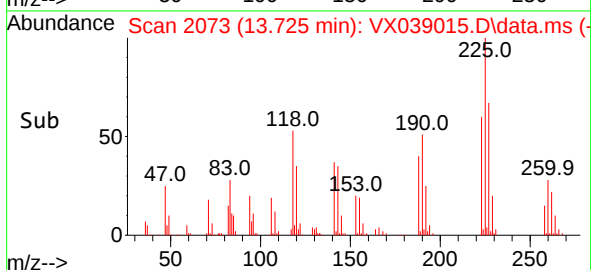
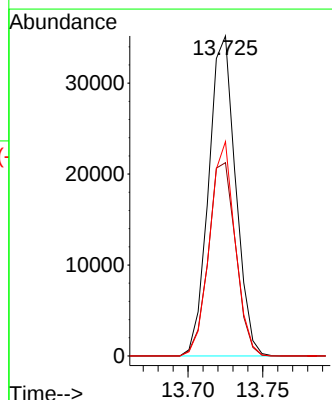
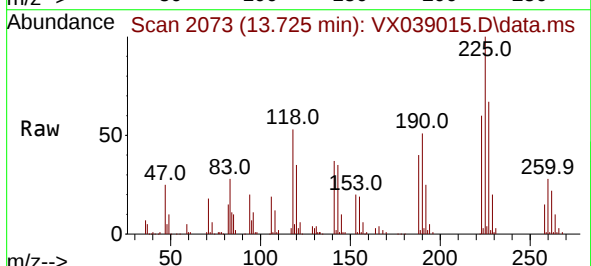
RT: 13.725 min Scan# 2073

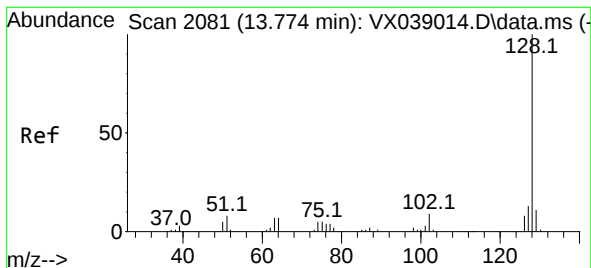
Delta R.T. -0.000 min

Lab File: VX039015.D

Acq: 24 Nov 2023 10:07

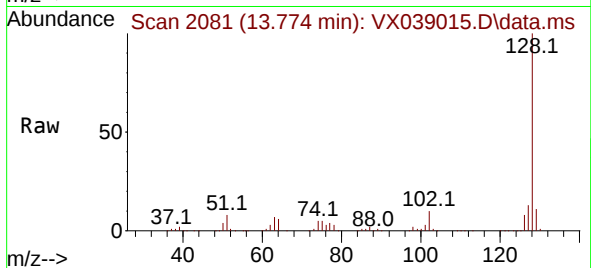
Tgt Ion:225	Resp:	44105
Ion Ratio	Lower	Upper
225	100	
223	61.2	0.0 124.4
227	63.2	0.0 124.4





#91
Naphthalene
Concen: 50.720 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07

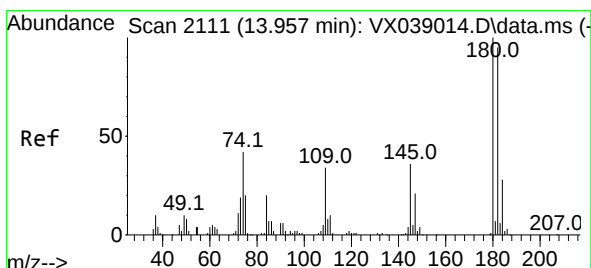
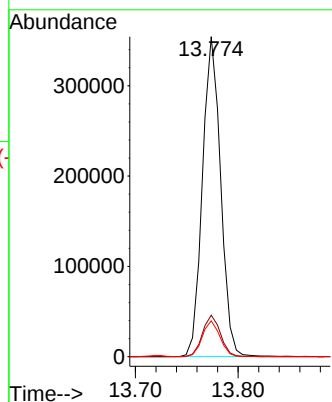
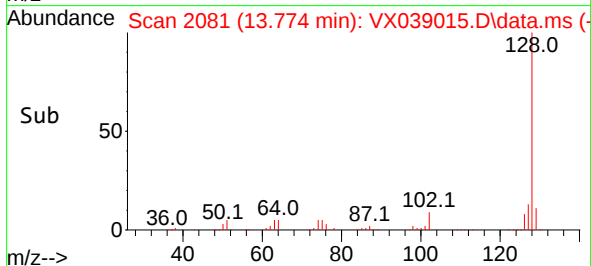
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



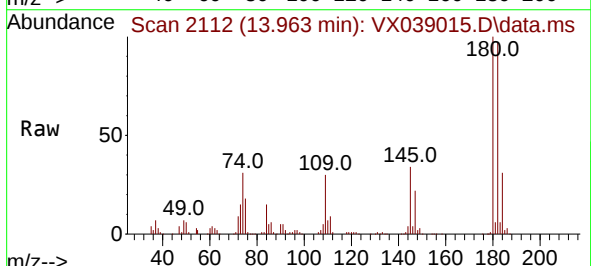
Tgt Ion:128 Resp: 435230
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.6 12.8

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 51.148 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039015.D
Acq: 24 Nov 2023 10:07



Tgt Ion:180 Resp: 115274
Ion Ratio Lower Upper
180 100
182 96.6 0.0 191.6
145 36.3 0.0 69.6

