

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039009.D
 Acq On : 22 Nov 2023 17:41
 Operator : JC/MD
 Sample : 05407-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20231114MS

Quant Time: Nov 23 01:36:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	108208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199872	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91804	52.652	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.300%			
35) Dibromofluoromethane	5.385	113	72572	50.274	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.540%			
50) Toluene-d8	8.647	98	270757	49.024	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.040%			
62) 4-Bromofluorobenzene	11.079	95	108774	49.199	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72547	57.459	ug/l	96
3) Chloromethane	1.294	50	84506	51.280	ug/l	98
4) Vinyl Chloride	1.374	62	85826	54.067	ug/l	100
5) Bromomethane	1.599	94	52109	79.395	ug/l	98
6) Chloroethane	1.678	64	50551	55.802	ug/l	99
7) Trichlorofluoromethane	1.886	101	116635	57.902	ug/l	100
8) Diethyl Ether	2.136	74	45491	51.851	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	63630	47.632	ug/l	95
10) Methyl Iodide	2.453	142	73092	44.954	ug/l	94
11) Tert butyl alcohol	2.959	59	129002	266.011	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	65784	48.777	ug/l	97
13) Acrolein	2.233	56	65953	257.057	ug/l	99
14) Allyl chloride	2.660	41	136797	50.661	ug/l	96
15) Acrylonitrile	3.062	53	263818	257.459	ug/l	99
16) Acetone	2.380	43	216859	233.636	ug/l	93
17) Carbon Disulfide	2.508	76	199629	47.785	ug/l	99
18) Methyl Acetate	2.703	43	205375	46.583	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	248801	52.450	ug/l	99
20) Methylene Chloride	2.788	84	80985	48.401	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	75734	50.892	ug/l	98
22) Diisopropyl ether	3.763	45	260077	52.502	ug/l #	86
23) Vinyl Acetate	3.721	43	1005527	281.846	ug/l	99
24) 1,1-Dichloroethane	3.611	63	141667	51.141	ug/l	100
25) 2-Butanone	4.556	43	379713	252.270	ug/l	98
26) 2,2-Dichloropropane	4.477	77	120850	50.294	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	87965	50.712	ug/l	98
28) Bromochloromethane	4.897	49	68129	51.225	ug/l	97
29) Tetrahydrofuran	5.001	42	258642	270.629	ug/l	99
30) Chloroform	5.093	83	145044	53.622	ug/l	99
31) Cyclohexane	5.470	56	129985	52.215	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	126667	54.064	ug/l	99
36) 1,1-Dichloropropene	5.696	75	108082	52.241	ug/l	99
37) Ethyl Acetate	4.715	43	140909	52.276	ug/l	99
38) Carbon Tetrachloride	5.678	117	105908	55.387	ug/l	96
39) Methylcyclohexane	7.379	83	135217	50.105	ug/l	96
40) Benzene	6.037	78	324313	52.999	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039009.D
 Acq On : 22 Nov 2023 17:41
 Operator : JC/MD
 Sample : 05407-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20231114MS

Quant Time: Nov 23 01:36:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	74945	53.609	ug/l	94
42) 1,2-Dichloroethane	6.086	62	119667	59.025	ug/l	98
43) Isopropyl Acetate	6.342	43	229569	53.292	ug/l	100
44) Trichloroethene	7.123	130	79380	53.294	ug/l	93
45) 1,2-Dichloropropane	7.427	63	87151	52.924	ug/l	98
46) Dibromomethane	7.580	93	60524	55.114	ug/l	97
47) Bromodichloromethane	7.824	83	116891	53.630	ug/l	99
48) Methyl methacrylate	7.690	41	132774	63.526	ug/l	94
49) 1,4-Dioxane	7.659	88	44167	1092.291	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	755036	274.270	ug/l	100
52) Toluene	8.720	92	201336	53.021	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	131803	50.886	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	137888	51.537	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	83589	52.756	ug/l	97
56) Ethyl methacrylate	9.116	69	106980	39.906	ug/l	97
57) 1,3-Dichloropropane	9.305	76	142050	54.209	ug/l	99
59) 2-Hexanone	9.427	43	599314	271.611	ug/l	98
60) Dibromochloromethane	9.519	129	87093	54.060	ug/l	100
61) 1,2-Dibromoethane	9.610	107	90527	54.449	ug/l	99
64) Tetrachloroethene	9.275	164	61862	52.536	ug/l	95
65) Chlorobenzene	10.079	112	211911	51.930	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	78261	53.315	ug/l	99
67) Ethyl Benzene	10.195	91	402901	53.740	ug/l	100
68) m/p-Xylenes	10.299	106	296514	104.552	ug/l	99
69) o-Xylene	10.640	106	144930	51.646	ug/l	99
70) Styrene	10.652	104	216589	45.701	ug/l	99
71) Bromoform	10.799	173	63360	51.778	ug/l #	99
73) Isopropylbenzene	10.963	105	382758	49.964	ug/l	99
74) N-amyl acetate	10.841	43	194709	48.081	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	147418	49.296	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	122558m	49.960	ug/l	
77) Bromobenzene	11.195	156	88083	51.171	ug/l	99
78) n-propylbenzene	11.305	91	464760	49.288	ug/l	99
79) 2-Chlorotoluene	11.366	91	273070	48.797	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	334627	51.951	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	47915	43.325	ug/l	86
82) 4-Chlorotoluene	11.451	91	322863	50.037	ug/l	99
83) tert-Butylbenzene	11.713	119	325557	51.320	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	337261	51.731	ug/l	100
85) sec-Butylbenzene	11.890	105	403557	48.634	ug/l	99
86) p-Isopropyltoluene	12.012	119	334730	50.251	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	169190	50.193	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	170220	49.340	ug/l	99
89) n-Butylbenzene	12.335	91	330364	49.157	ug/l	96
90) Hexachloroethane	12.536	117	63386	47.651	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	163551	51.156	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36877	50.332	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	105505	49.246	ug/l	97
94) Hexachlorobutadiene	13.725	225	35538	46.841	ug/l	98
95) Naphthalene	13.774	128	389053	48.758	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	102130	50.288	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
Data File : VX039009.D
Acq On : 22 Nov 2023 17:41
Operator : JC/MD
Sample : 05407-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS

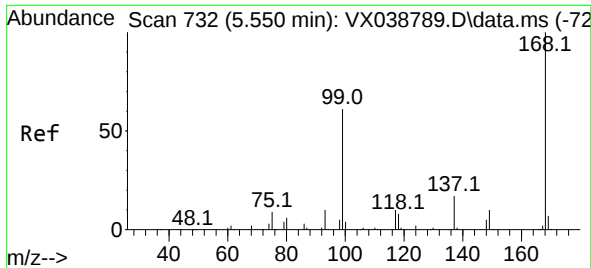
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 01:36:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

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

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



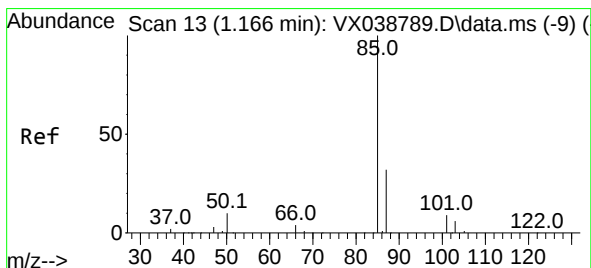
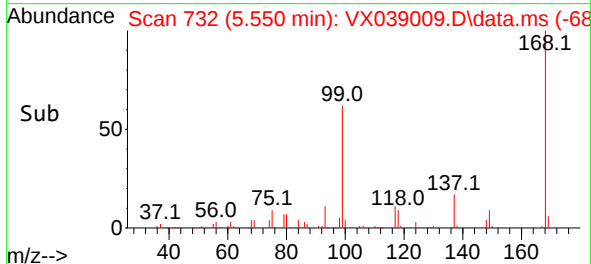
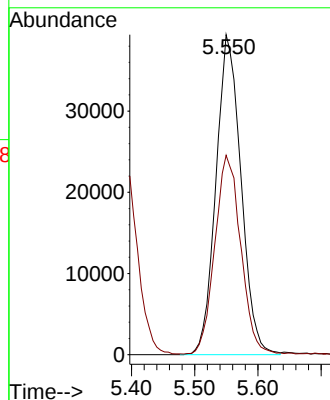
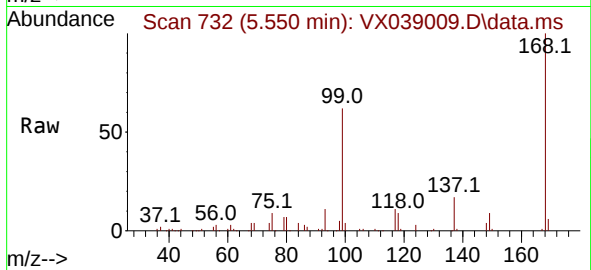
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS

Tgt Ion:168 Resp: 108208
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0

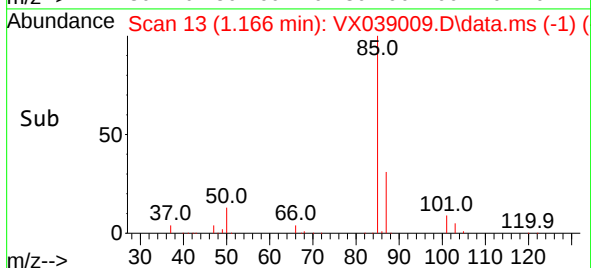
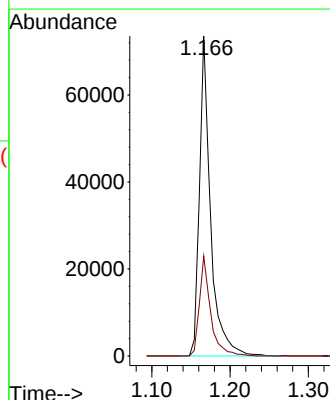
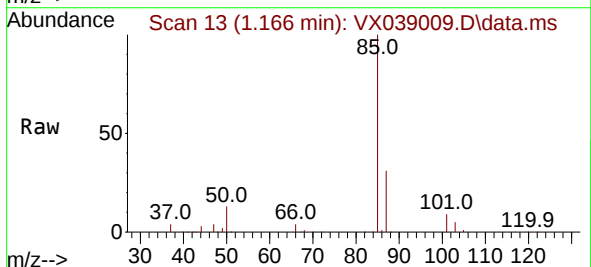
Manual Integrations
APPROVED

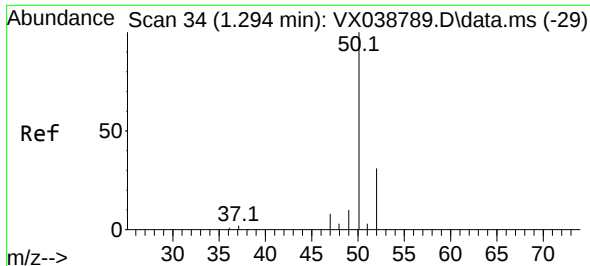
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#2
Dichlorodifluoromethane
Concen: 57.459 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Tgt Ion: 85 Resp: 72547
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.1





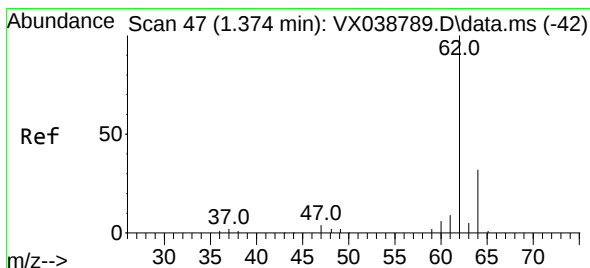
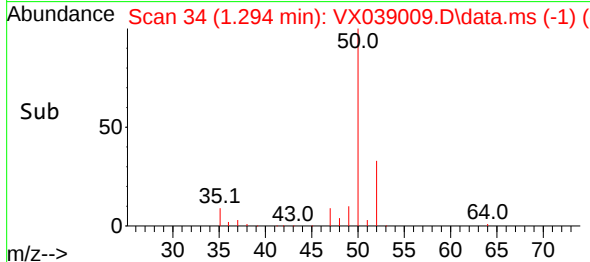
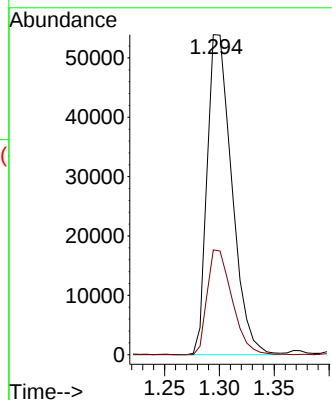
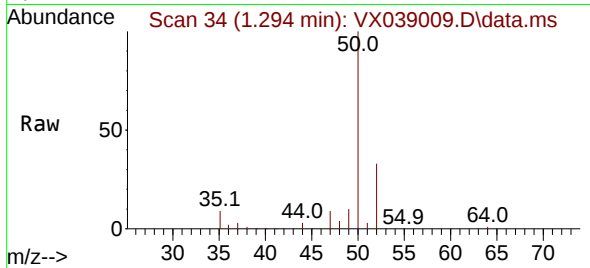
#3
Chloromethane
Concen: 51.280 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS

Tgt Ion: 50 Resp: 84500
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

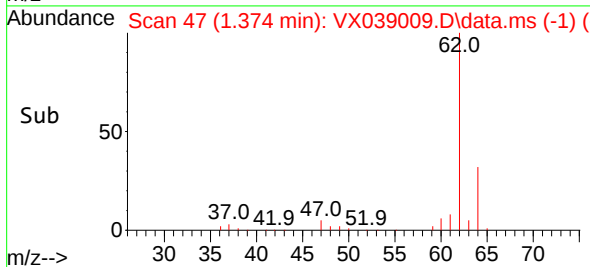
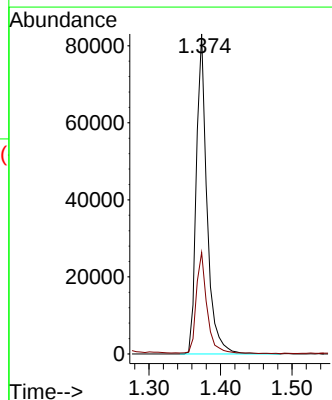
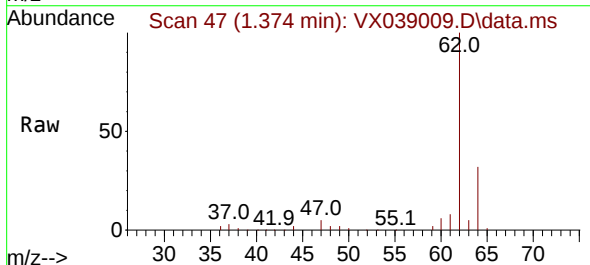
Manual Integrations
APPROVED

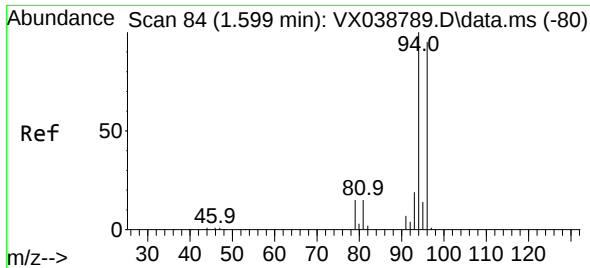
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#4
Vinyl Chloride
Concen: 54.067 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

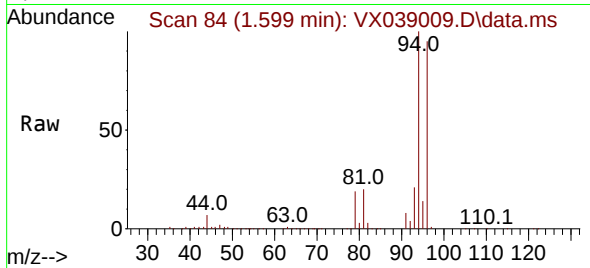
Tgt Ion: 62 Resp: 85826
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





#5
Bromomethane
Concen: 79.395 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

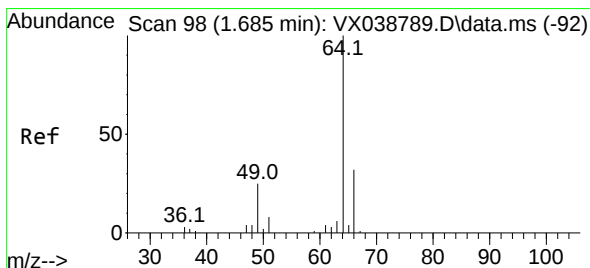
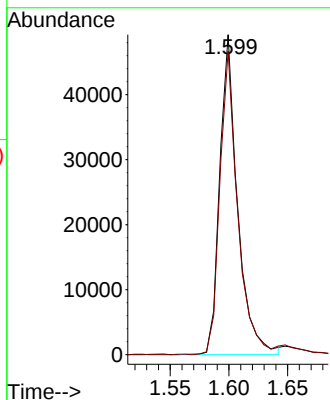
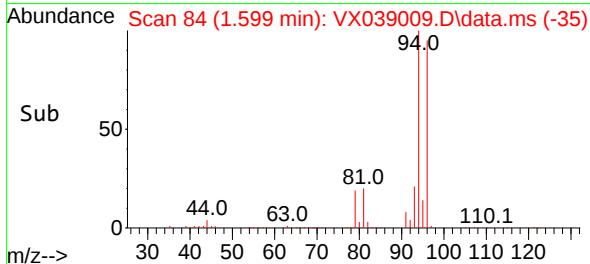
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



Tgt Ion: 94 Resp: 52109
Ion Ratio Lower Upper
94 100
96 94.7 74.6 111.8

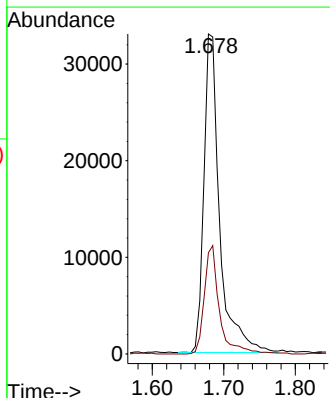
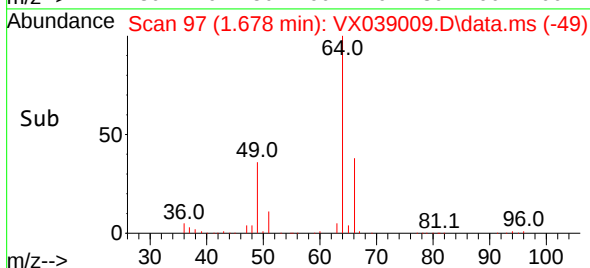
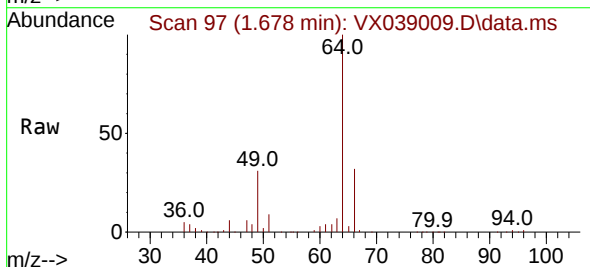
Manual Integrations
APPROVED

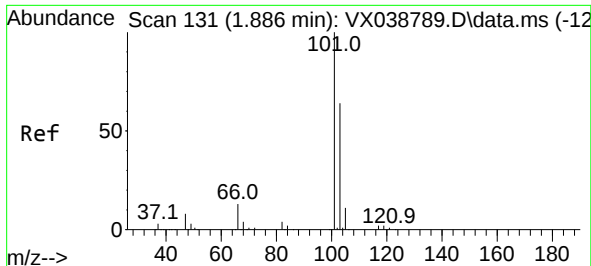
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#6
Chloroethane
Concen: 55.802 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

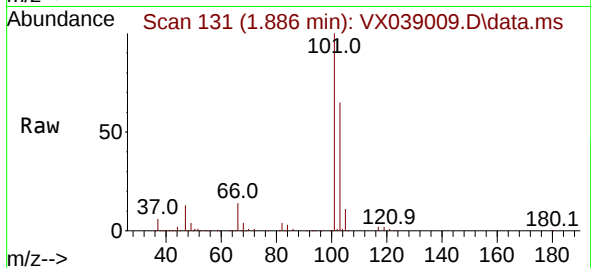
Tgt Ion: 64 Resp: 50551
Ion Ratio Lower Upper
64 100
66 31.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 57.902 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

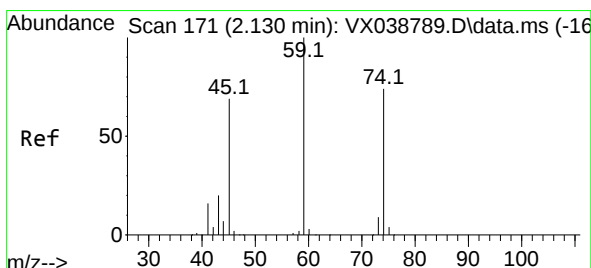
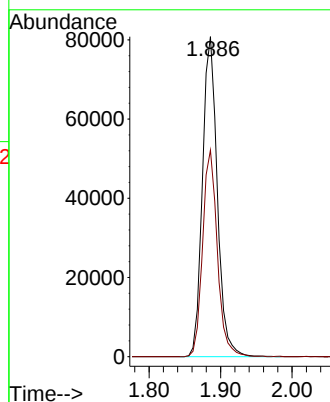
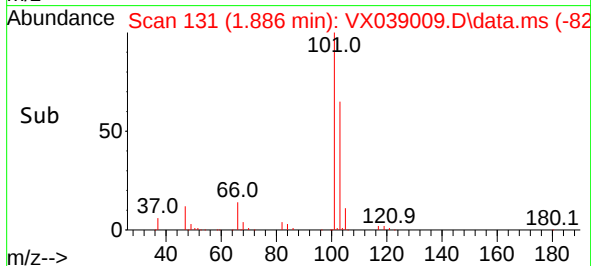
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



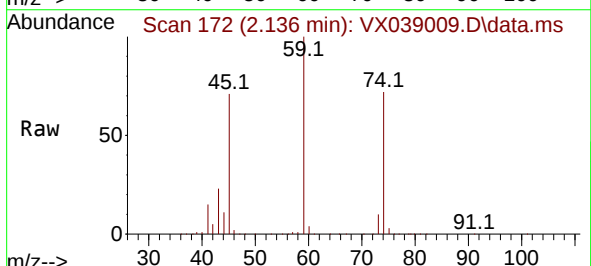
Tgt Ion:101 Resp: 11663
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

Manual Integrations
APPROVED

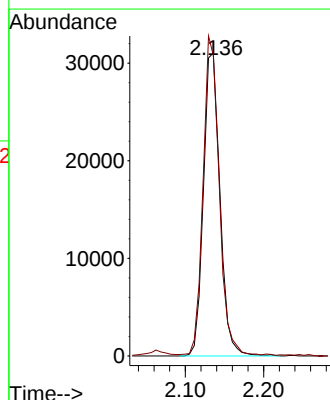
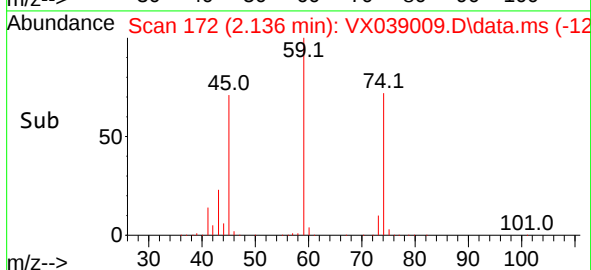
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

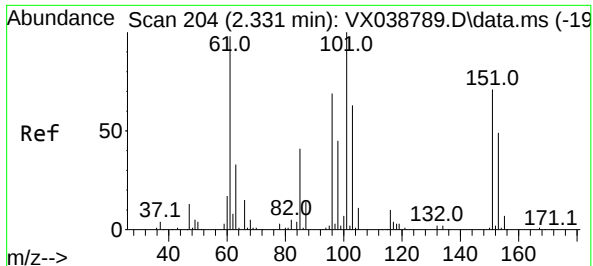


#8
Diethyl Ether
Concen: 51.851 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41



Tgt Ion: 74 Resp: 45491
Ion Ratio Lower Upper
74 100
45 102.3 53.3 159.8





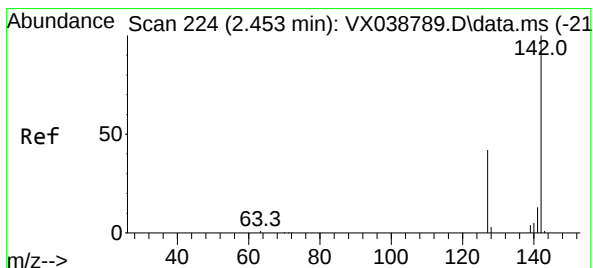
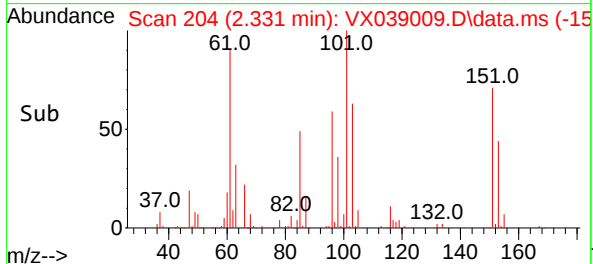
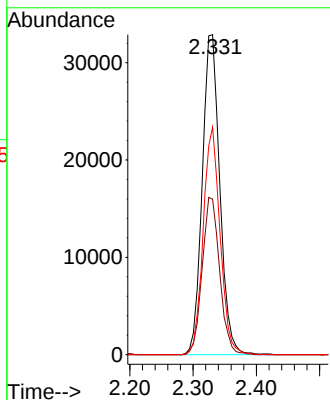
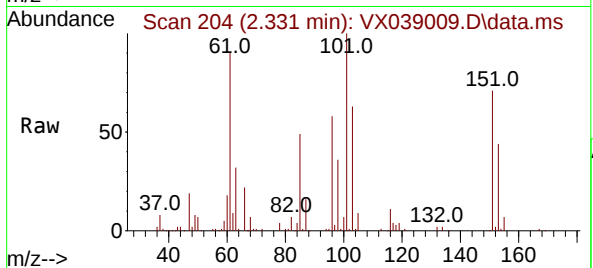
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.632 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS

Tgt Ion:101 Resp: 63630
Ion Ratio Lower Upper
101 100
85 48.9 37.0 55.6
151 68.2 58.6 87.8

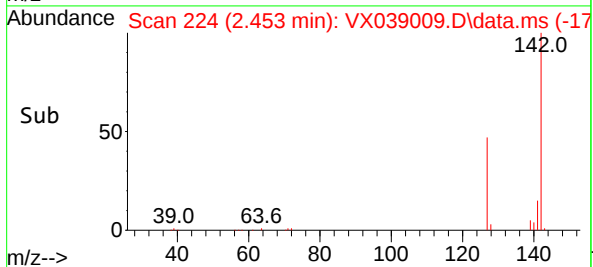
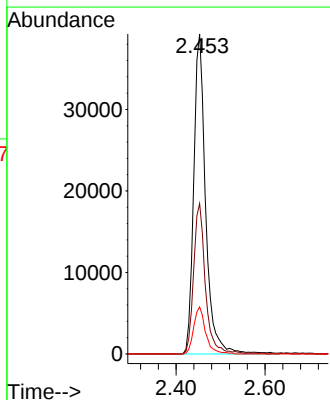
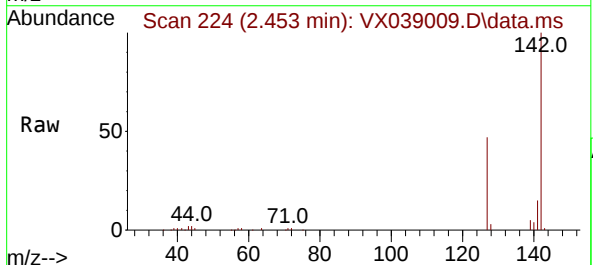
Manual Integrations
APPROVED

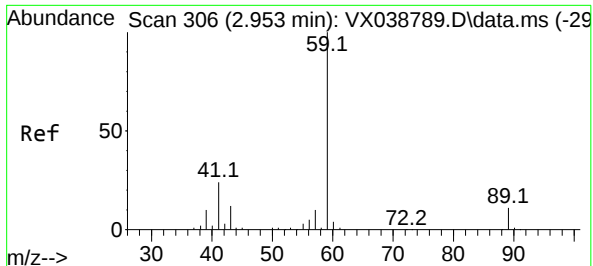
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#10
Methyl Iodide
Concen: 44.954 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Tgt Ion:142 Resp: 73092
Ion Ratio Lower Upper
142 100
127 46.3 41.6 62.4
141 14.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 266.011 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS

Tgt Ion: 59 Resp: 12900

Ion Ratio Lower Upper

59 100

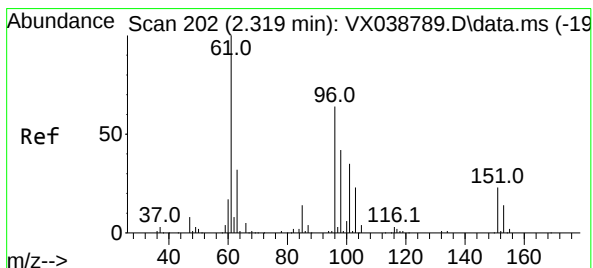
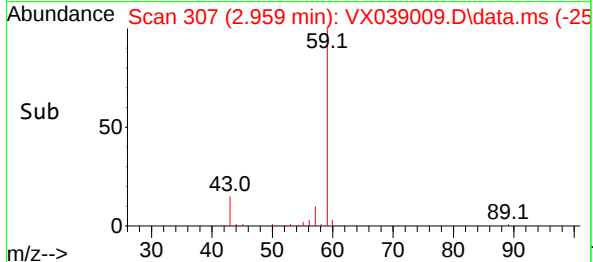
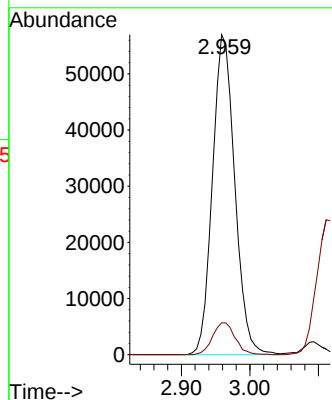
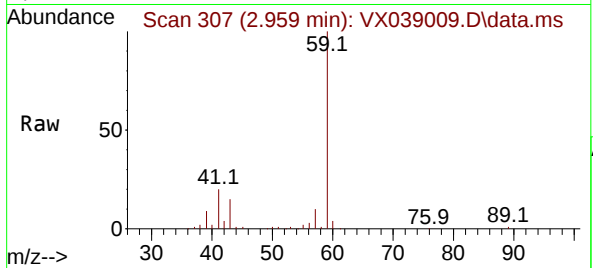
57 10.1 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#12

1,1-Dichloroethene

Concen: 48.777 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

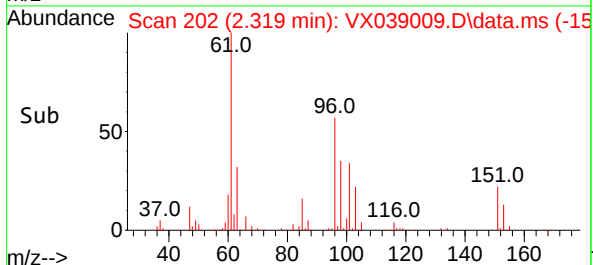
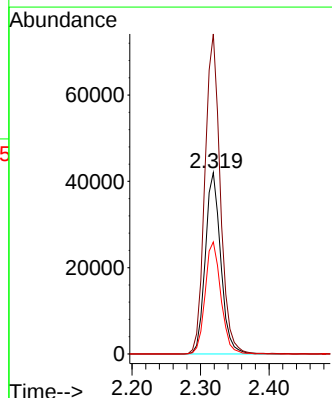
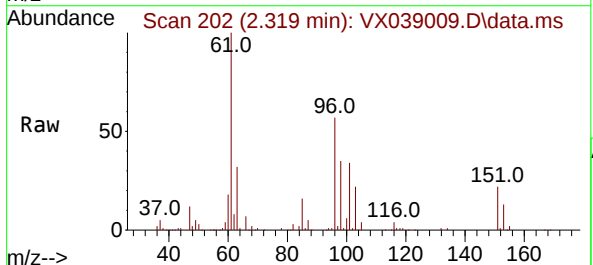
Tgt Ion: 96 Resp: 65784

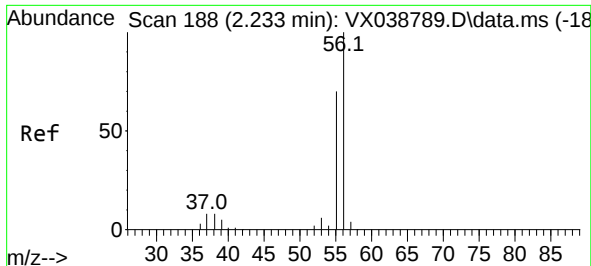
Ion Ratio Lower Upper

96 100

61 176.5 144.6 216.8

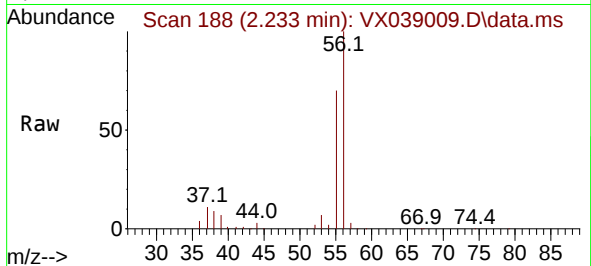
98 61.8 50.4 75.6





#13
Acrolein
Concen: 257.057 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

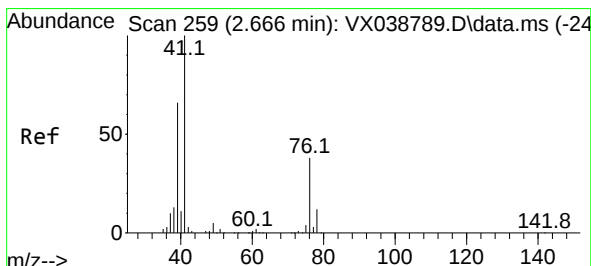
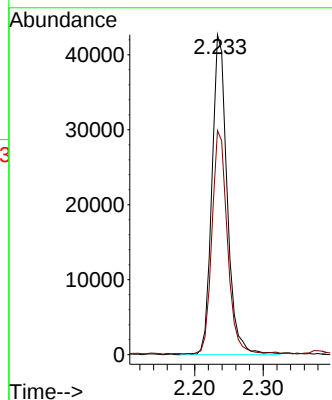
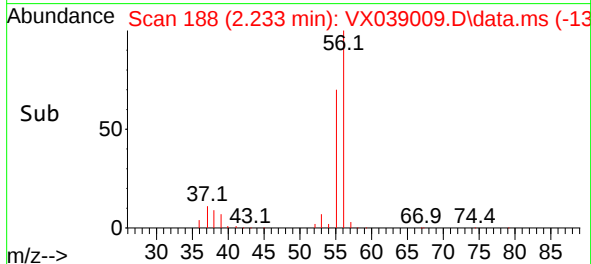
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



Tgt Ion: 56 Resp: 6595
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

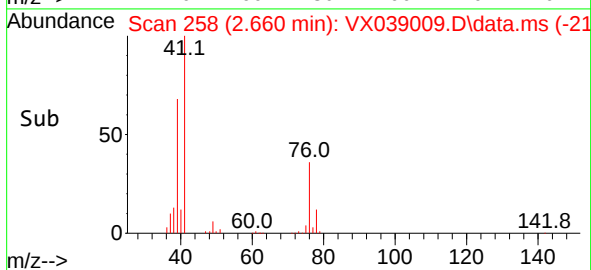
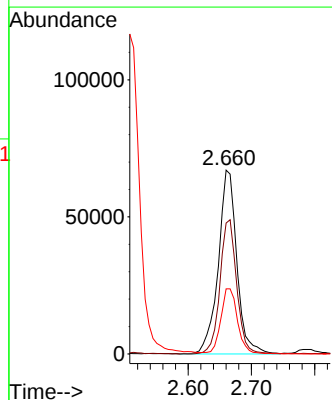
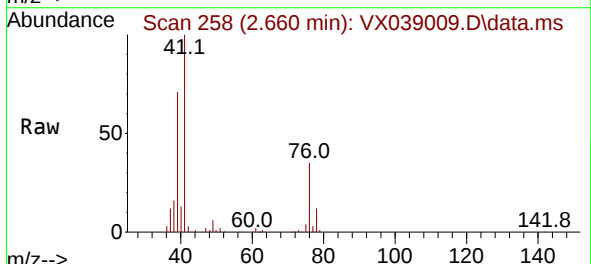
Manual Integrations
APPROVED

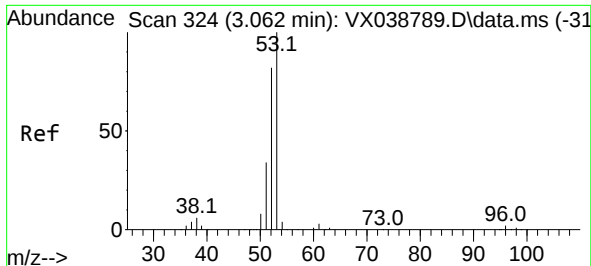
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#14
Allyl chloride
Concen: 50.661 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

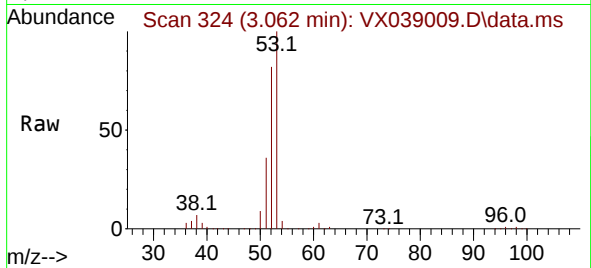
Tgt Ion: 41 Resp: 136797
Ion Ratio Lower Upper
41 100
39 65.9 55.8 83.6
76 32.1 24.3 36.5





#15
Acrylonitrile
Concen: 257.459 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

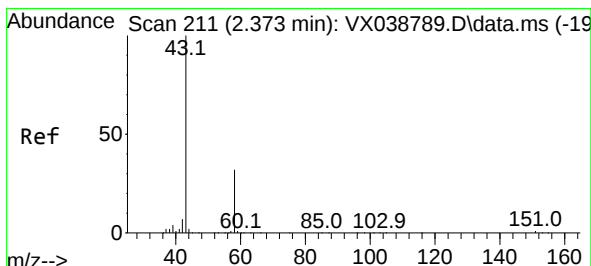
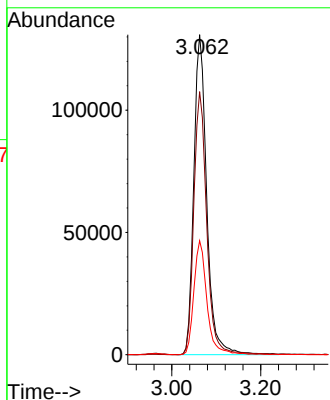
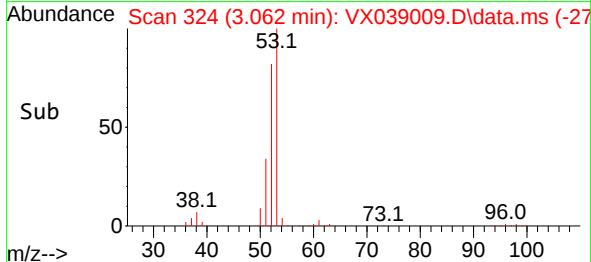
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



Tgt Ion: 53 Resp: 263818
Ion Ratio Lower Upper
53 100
52 82.2 66.0 99.0
51 36.2 29.8 44.6

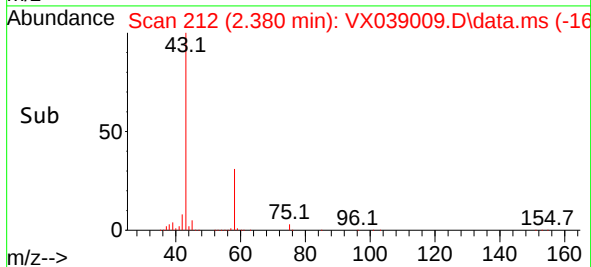
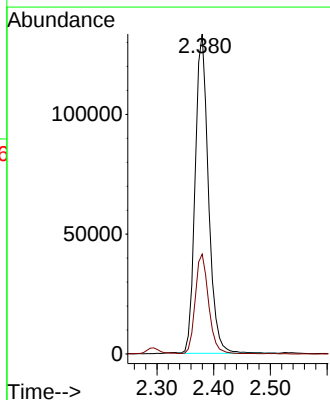
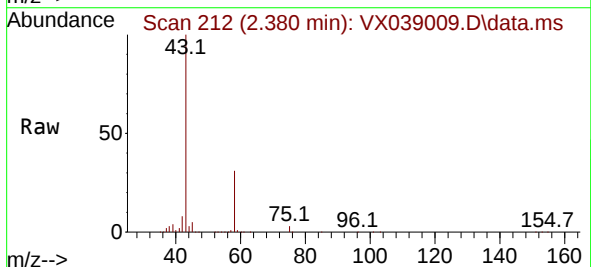
Manual Integrations
APPROVED

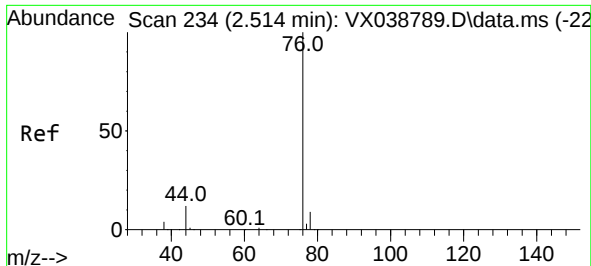
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#16
Acetone
Concen: 233.636 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

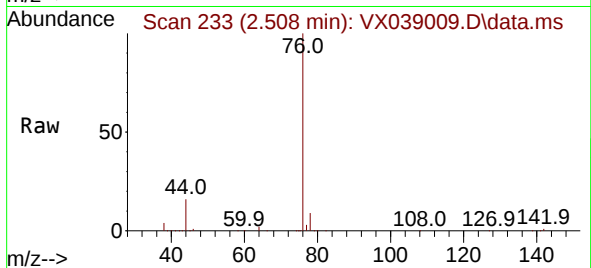
Tgt Ion: 43 Resp: 216859
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9





#17
Carbon Disulfide
Concen: 47.785 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

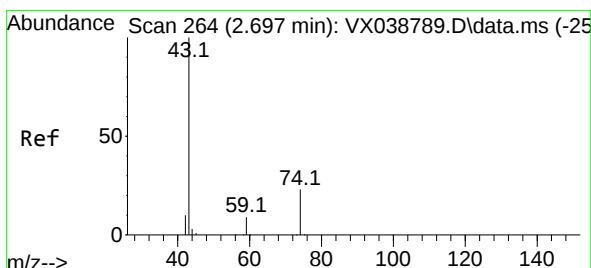
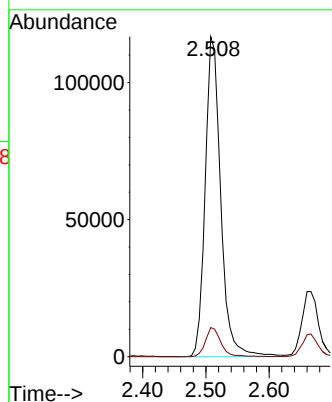
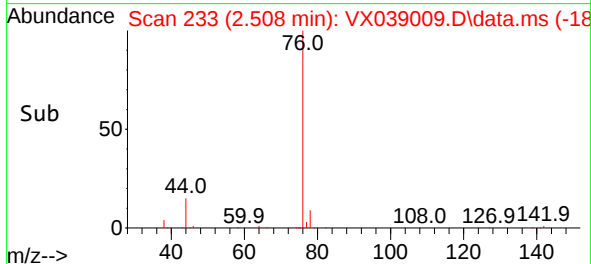
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



Tgt Ion: 76 Resp: 199629
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

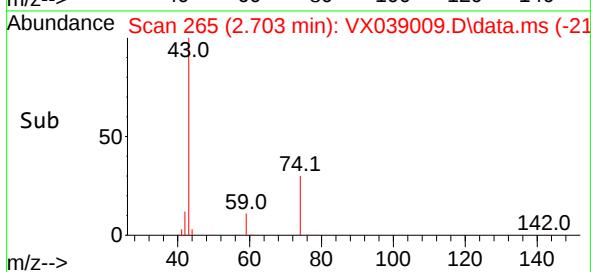
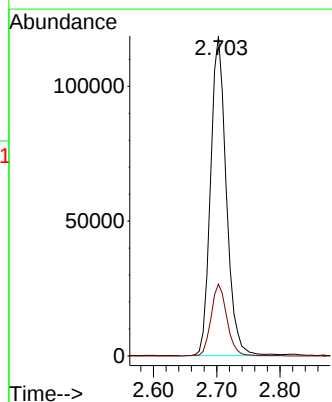
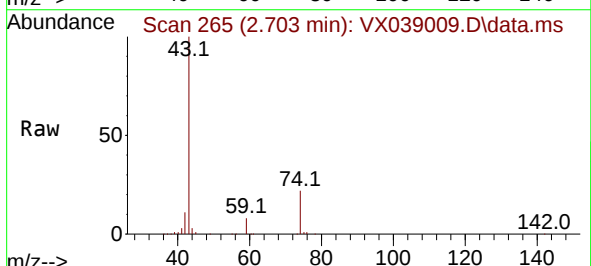
Manual Integrations
APPROVED

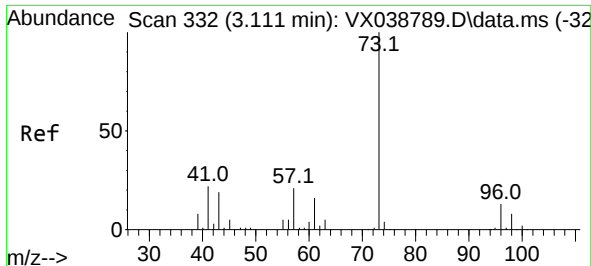
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#18
Methyl Acetate
Concen: 46.583 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Tgt Ion: 43 Resp: 205375
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8





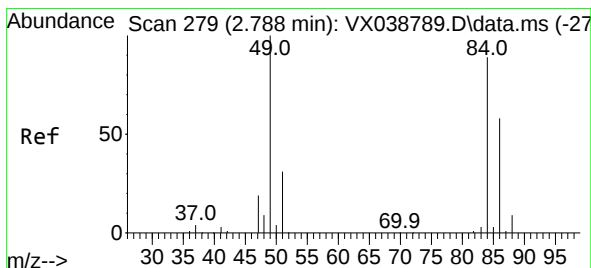
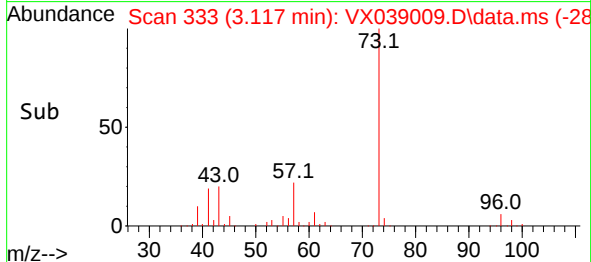
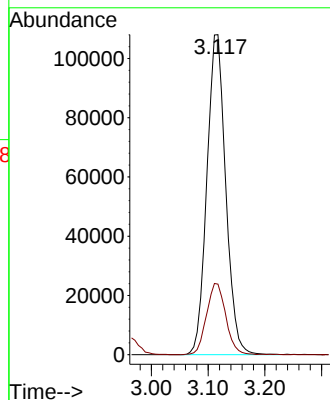
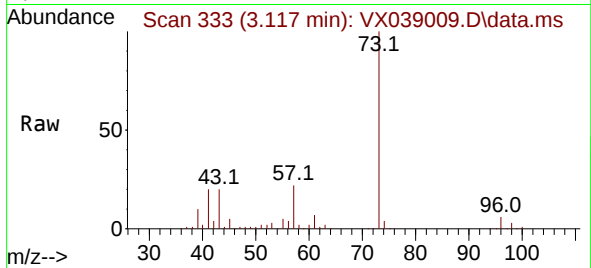
#19
Methyl tert-butyl Ether
Concen: 52.450 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS

Tgt Ion: 73 Resp: 24880
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9

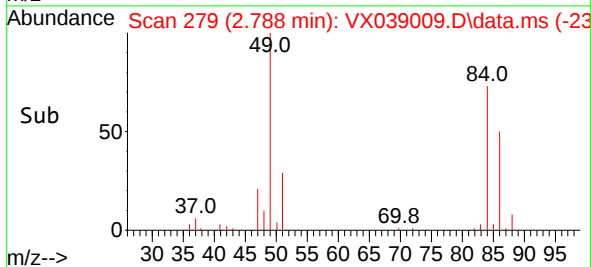
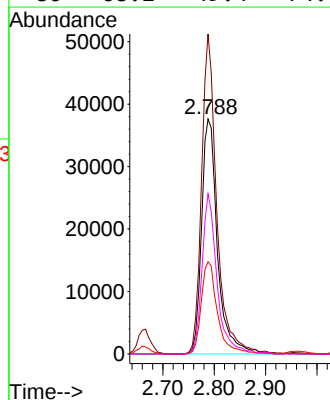
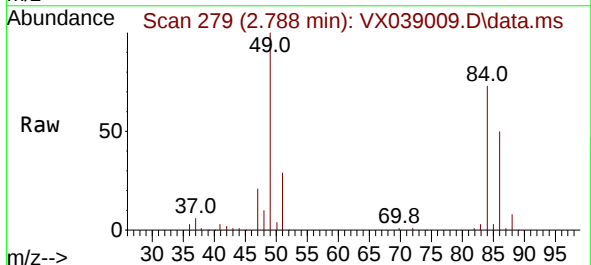
Manual Integrations
APPROVED

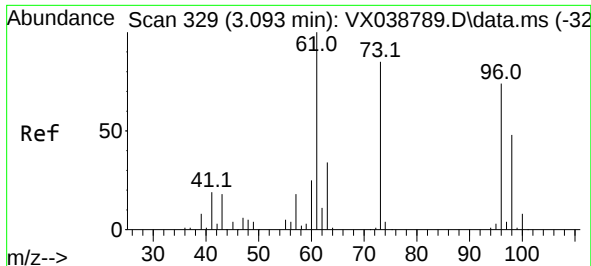
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#20
Methylene Chloride
Concen: 48.401 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

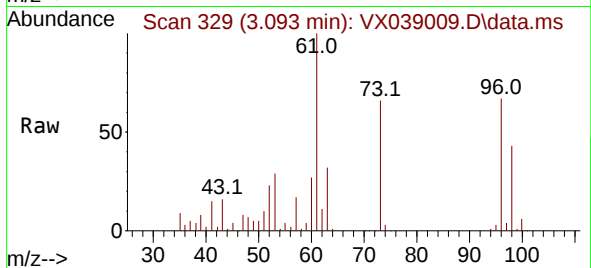
Tgt Ion: 84 Resp: 80985
Ion Ratio Lower Upper
84 100
49 136.2 103.6 155.4
51 39.2 33.8 50.6
86 68.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.892 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

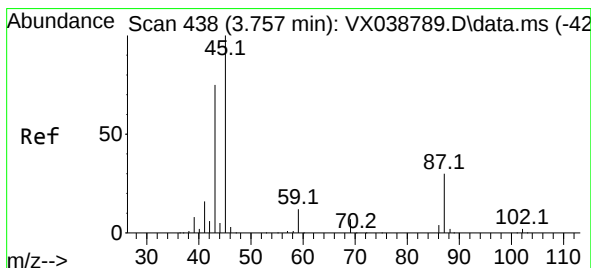
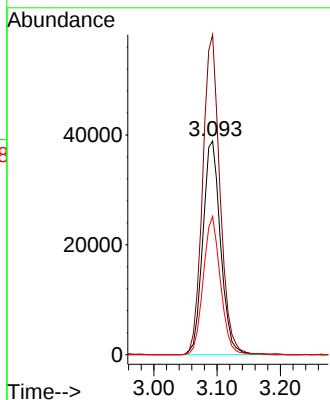
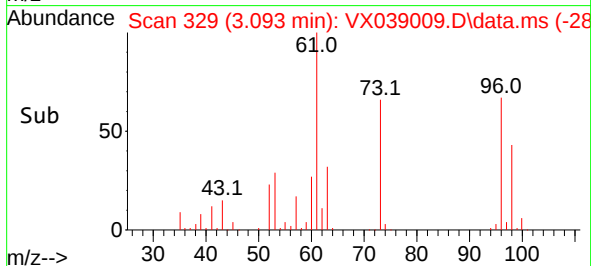
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



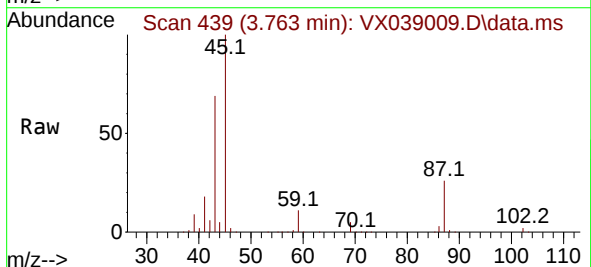
Tgt Ion: 96 Resp: 75734
Ion Ratio Lower Upper
96 100
61 149.7 119.2 178.8
98 64.7 48.7 73.1

Manual Integrations
APPROVED

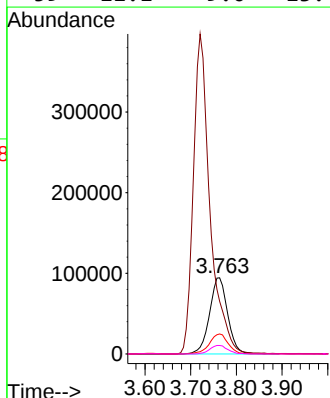
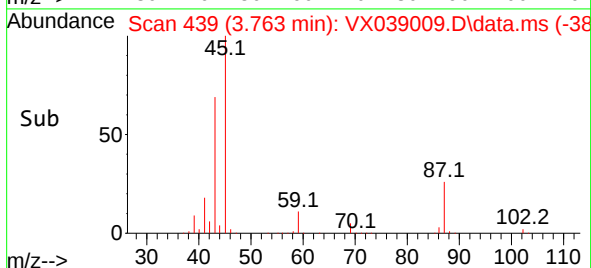
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

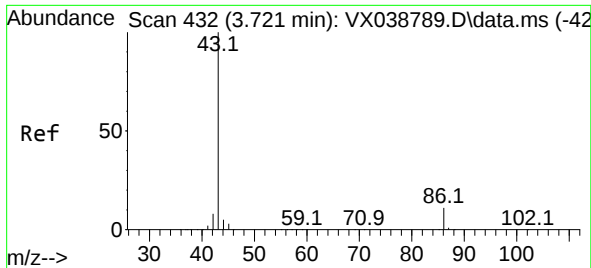


#22
Diisopropyl ether
Concen: 52.502 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41



Tgt Ion: 45 Resp: 260077
Ion Ratio Lower Upper
45 100
43 68.8 69.7 104.5#
87 26.2 20.8 31.2
59 11.1 9.0 13.4





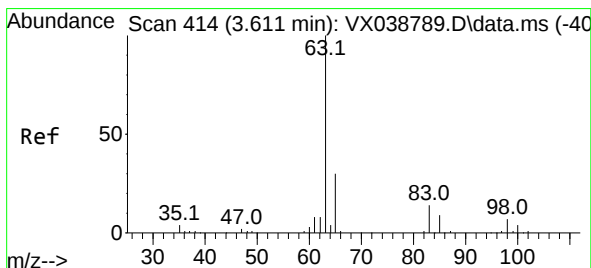
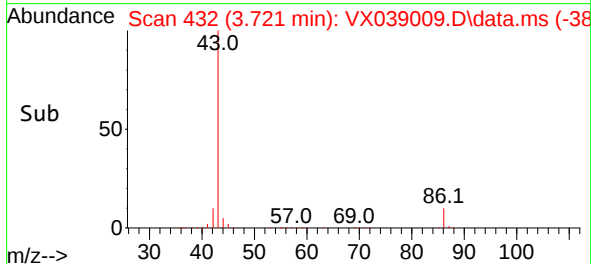
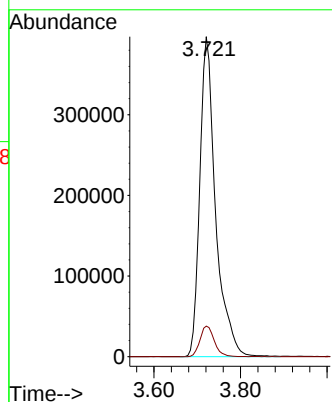
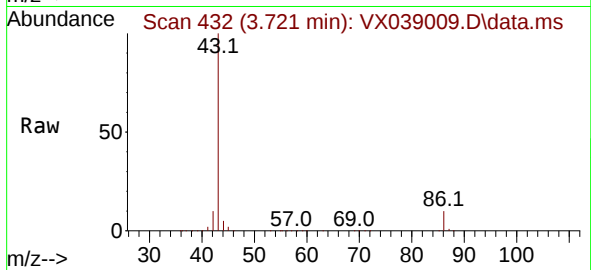
#23
 Vinyl Acetate
 Concen: 281.846 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039009.D
 Acq: 22 Nov 2023 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20231114MS

Tgt Ion: 43 Resp: 100552
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

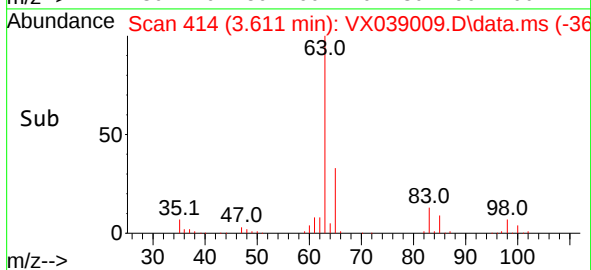
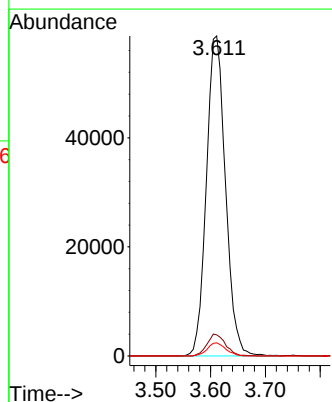
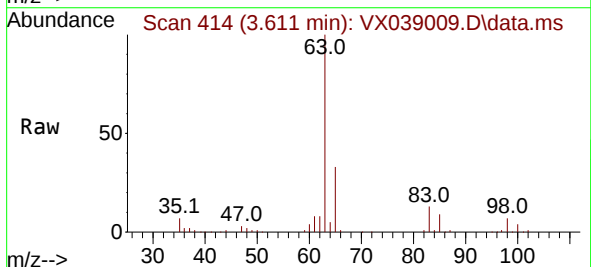
Manual Integrations
 APPROVED

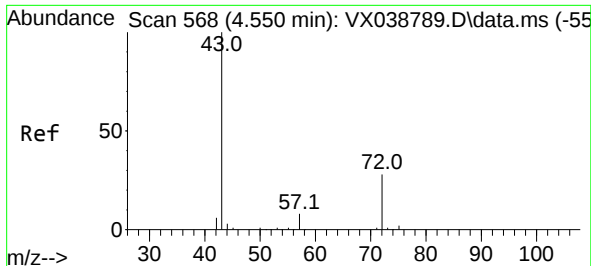
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#24
 1,1-Dichloroethane
 Concen: 51.141 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX039009.D
 Acq: 22 Nov 2023 17:41

Tgt Ion: 63 Resp: 141667
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.1 2.1 6.5





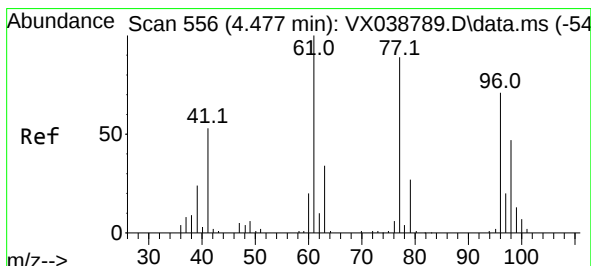
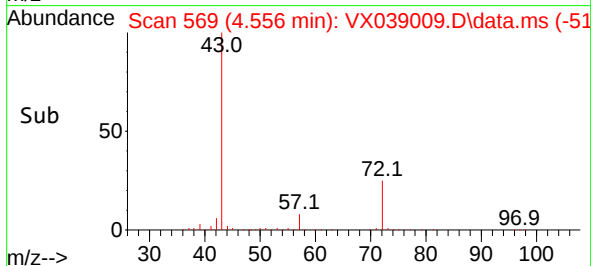
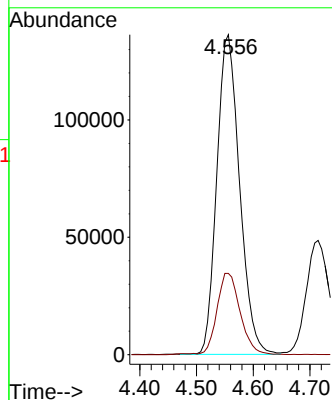
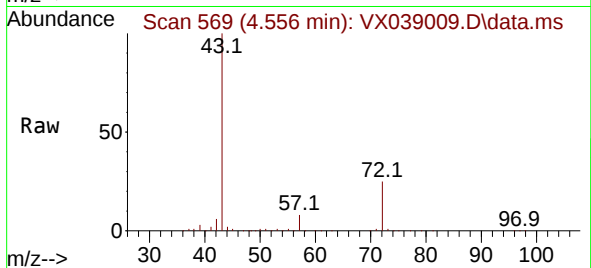
#25
2-Butanone
Concen: 252.270 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS

Tgt Ion: 43 Resp: 37971
Ion Ratio Lower Upper
43 100
72 25.3 19.4 29.2

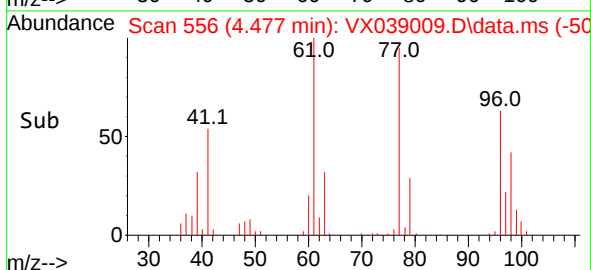
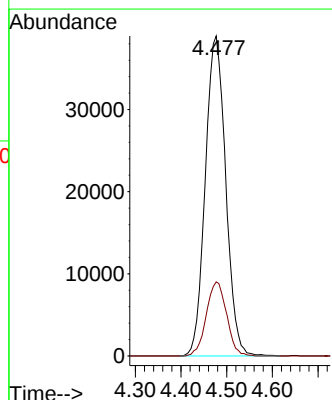
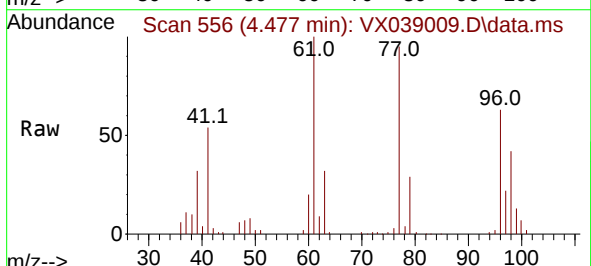
Manual Integrations
APPROVED

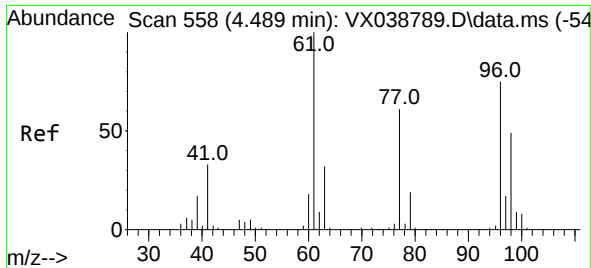
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#26
2,2-Dichloropropane
Concen: 50.294 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Tgt Ion: 77 Resp: 120850
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.712 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS

Tgt Ion: 96 Resp: 8796

Ion Ratio Lower Upper

96 100

61 152.5 0.0 312.2

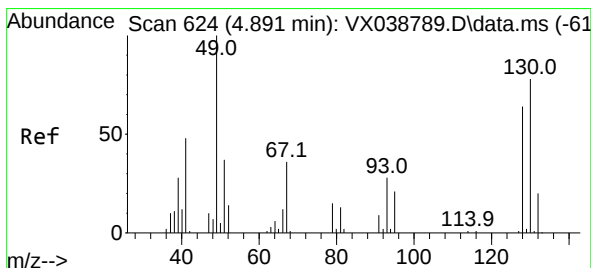
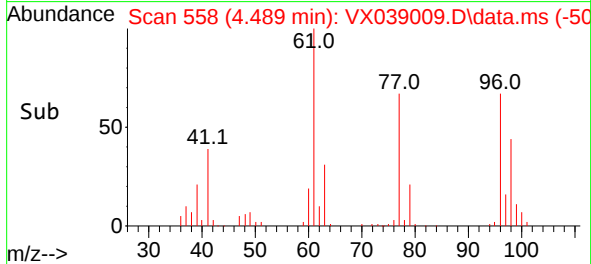
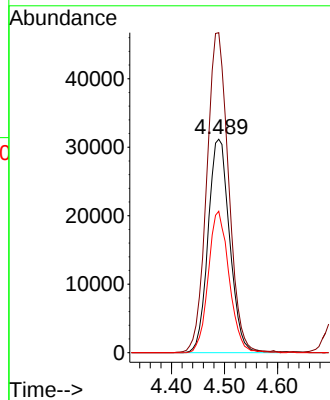
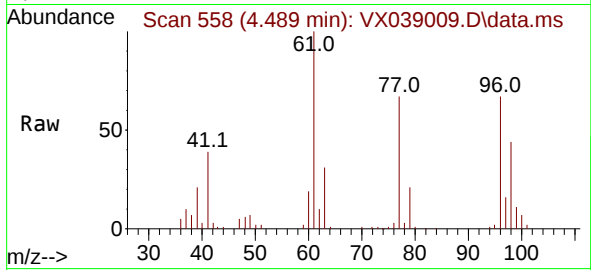
98 64.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#28

Bromochloromethane

Concen: 51.225 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

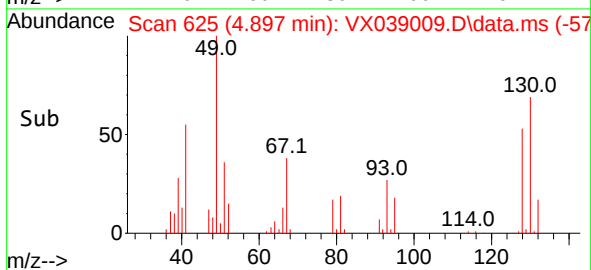
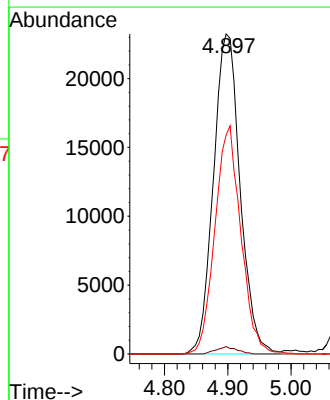
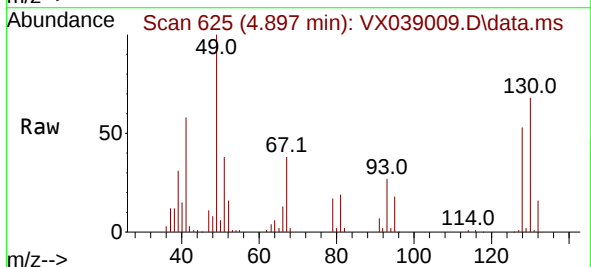
Tgt Ion: 49 Resp: 68129

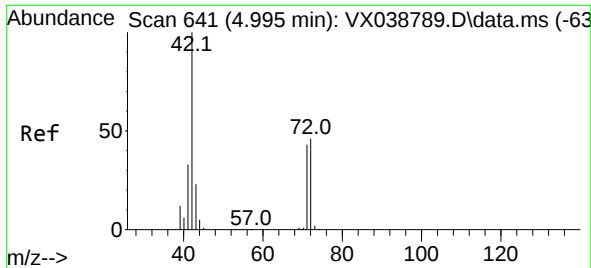
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 69.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 270.629 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS

Tgt Ion: 42 Resp: 25864

Ion Ratio Lower Upper

42 100

72 43.4 34.2 51.4

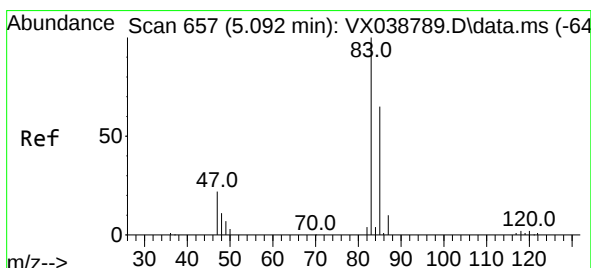
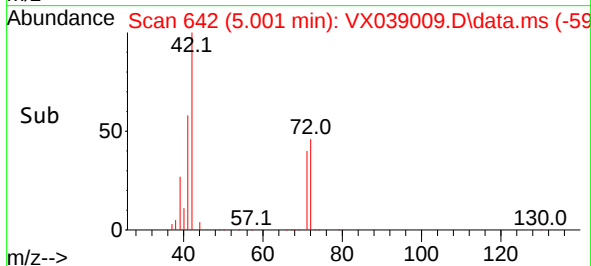
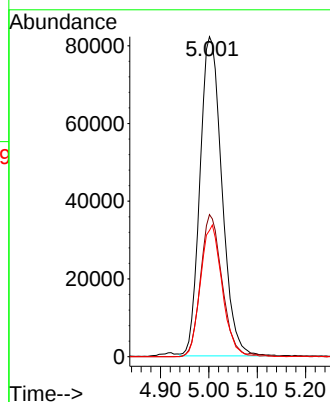
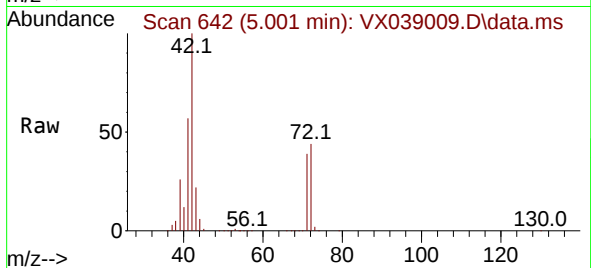
71 41.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#30

Chloroform

Concen: 53.622 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039009.D

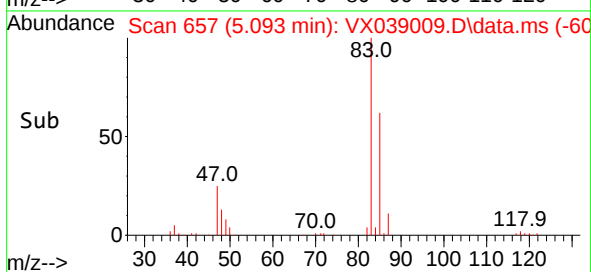
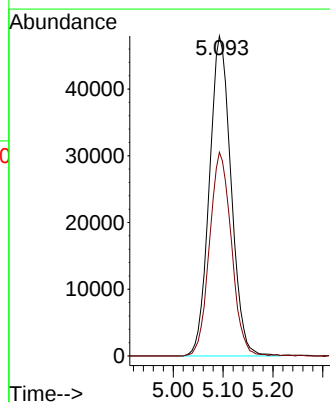
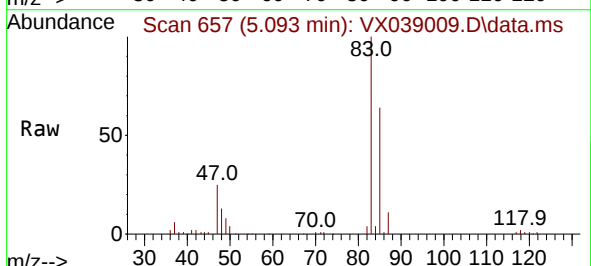
Acq: 22 Nov 2023 17:41

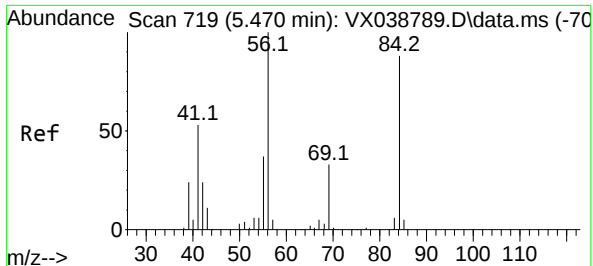
Tgt Ion: 83 Resp: 145044

Ion Ratio Lower Upper

83 100

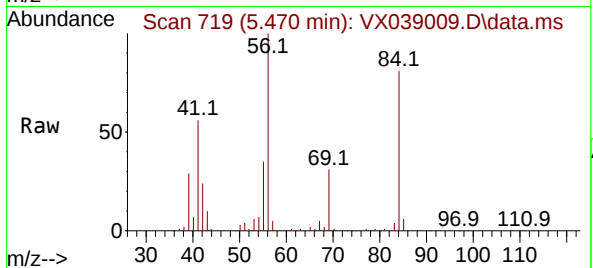
85 63.7 50.3 75.5





#31
Cyclohexane
Concen: 52.215 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

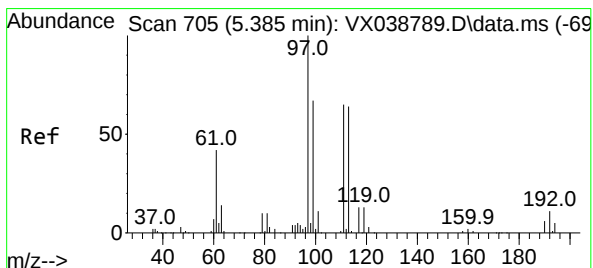
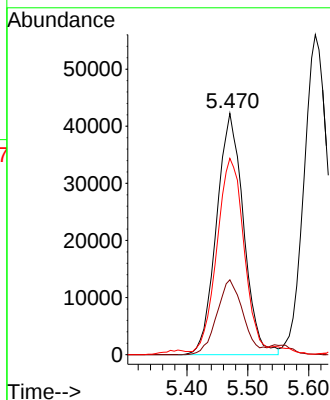
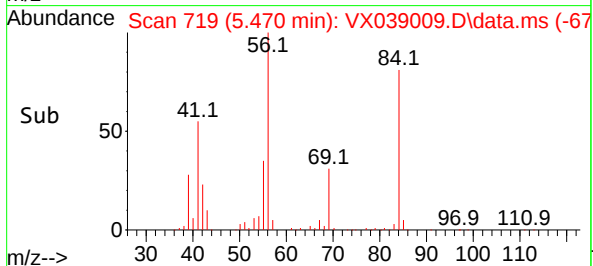
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



Tgt Ion: 56 Resp: 129985
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 79.4 65.9 98.9

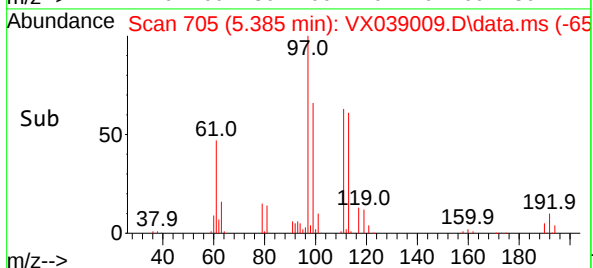
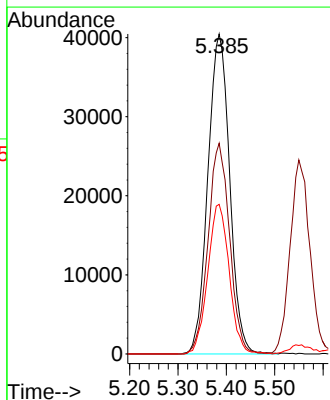
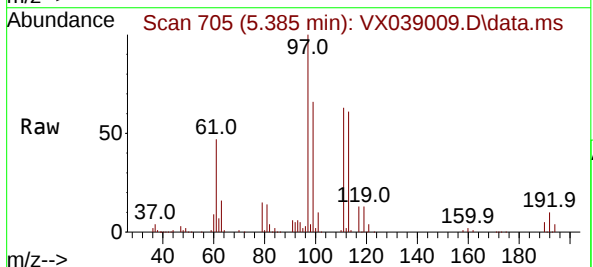
Manual Integrations
APPROVED

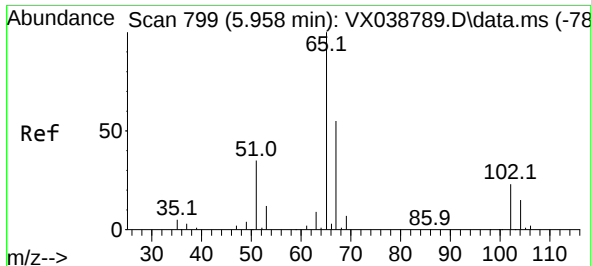
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#32
1,1,1-Trichloroethane
Concen: 54.064 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Tgt Ion: 97 Resp: 126667
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 46.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 52.652 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS

Tgt Ion: 65 Resp: 91804

Ion Ratio Lower Upper

65 100

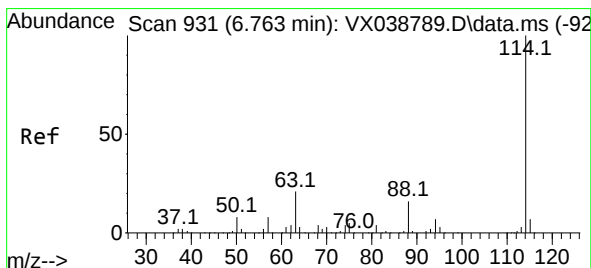
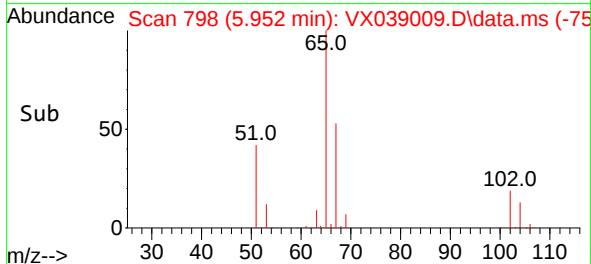
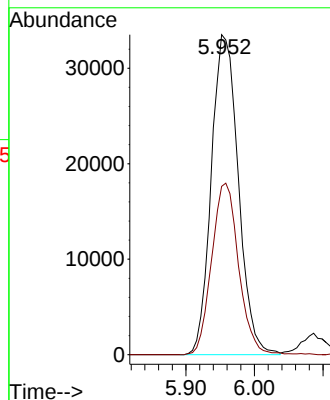
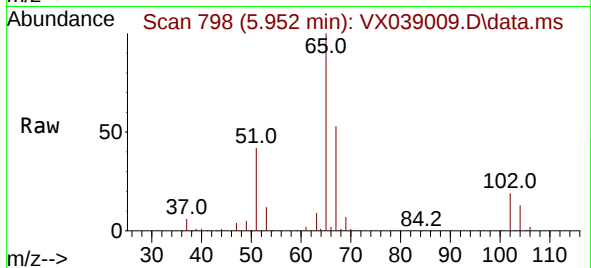
67 53.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

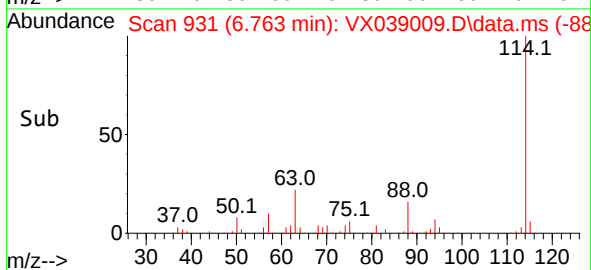
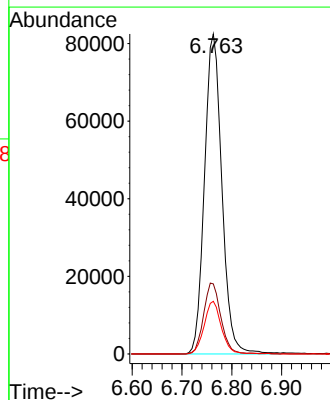
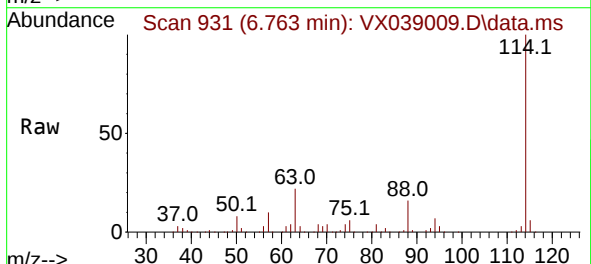
Tgt Ion:114 Resp: 199872

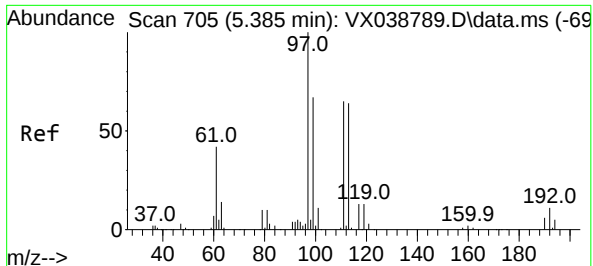
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

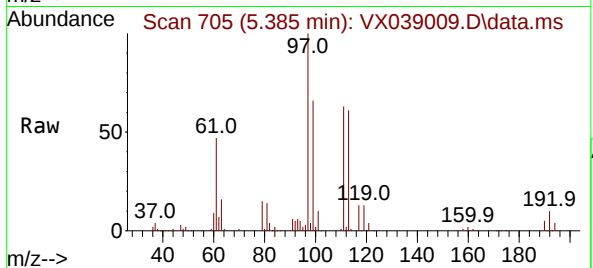
88 16.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.274 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

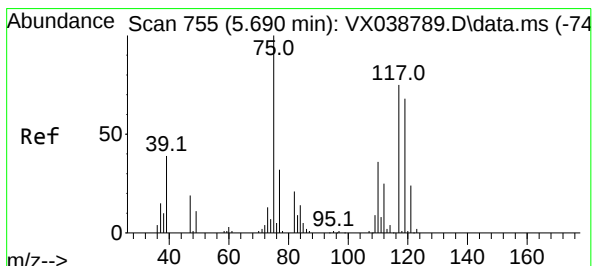
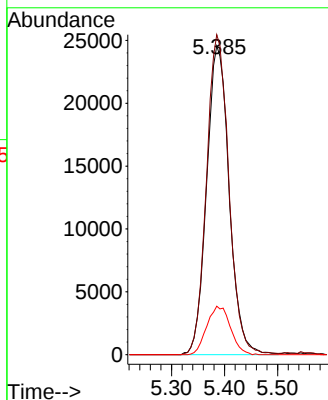
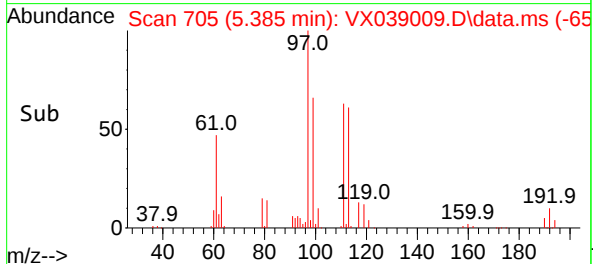
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



Tgt Ion: 113 Resp: 72572
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.5 13.3 19.9

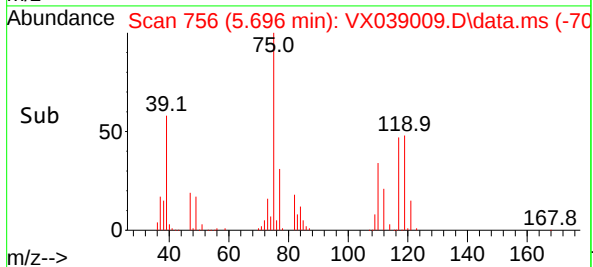
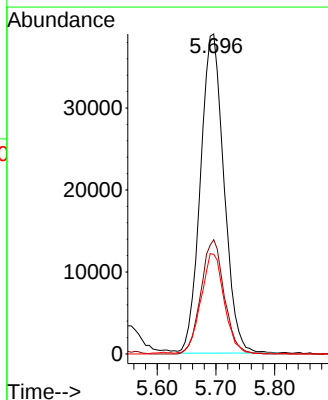
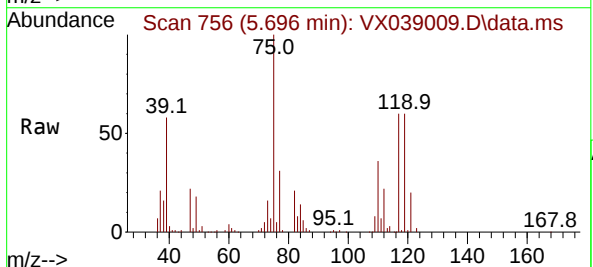
Manual Integrations
APPROVED

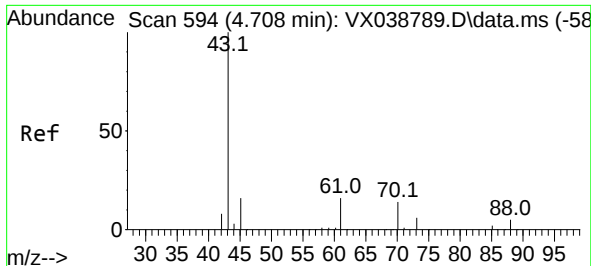
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#36
1,1-Dichloropropene
Concen: 52.241 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Tgt Ion: 75 Resp: 108082
Ion Ratio Lower Upper
75 100
110 35.2 17.0 50.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 52.276 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX039009.D

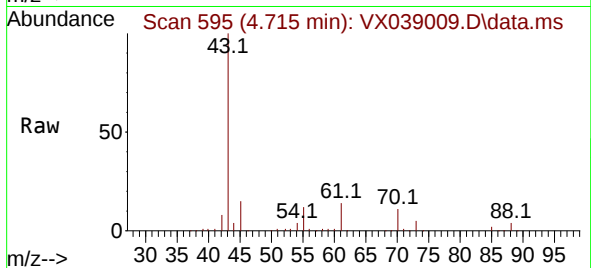
Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

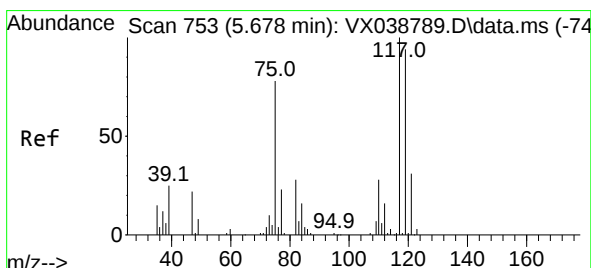
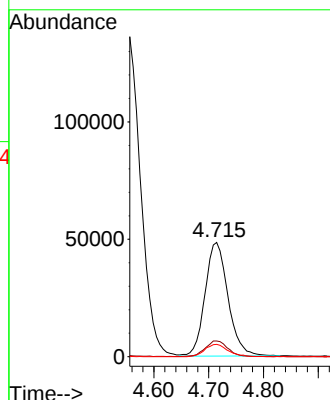
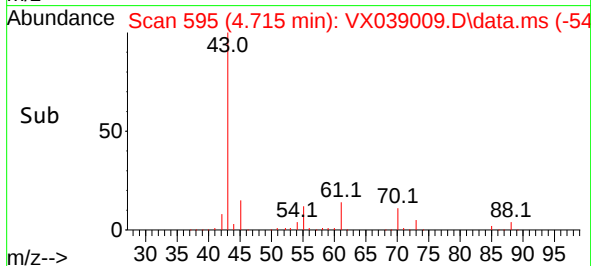
MH-117N-20231114MS



Tgt Ion:	43	Resp:	140909
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.6	16.0
70	10.9	8.3	12.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#38

Carbon Tetrachloride

Concen: 55.387 ug/l

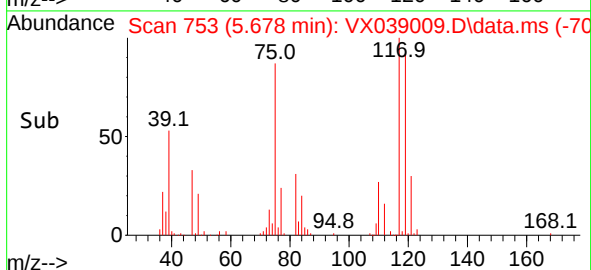
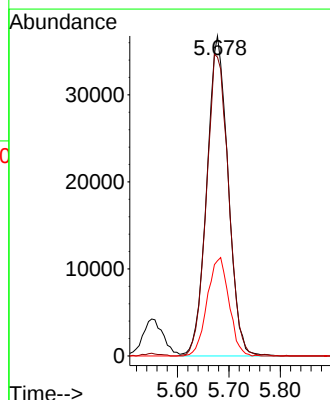
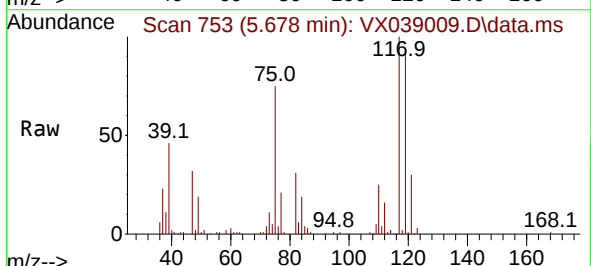
RT: 5.678 min Scan# 753

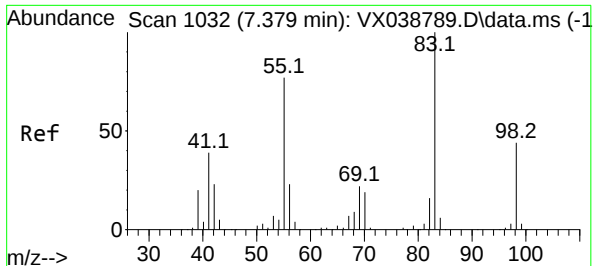
Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

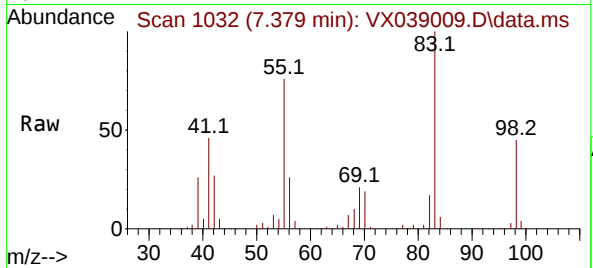
Tgt Ion:	117	Resp:	105908
Ion	Ratio	Lower	Upper
117	100		
119	93.4	78.2	117.2
121	29.7	24.4	36.6





#39
Methylcyclohexane
Concen: 50.105 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

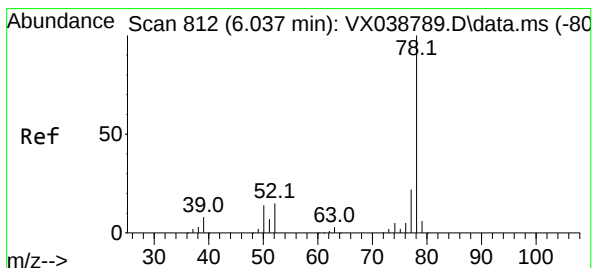
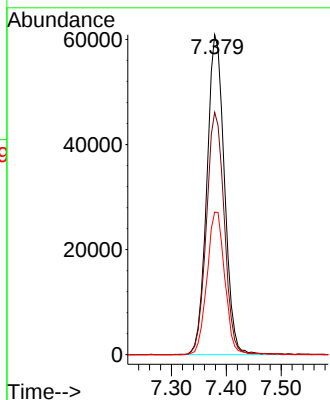
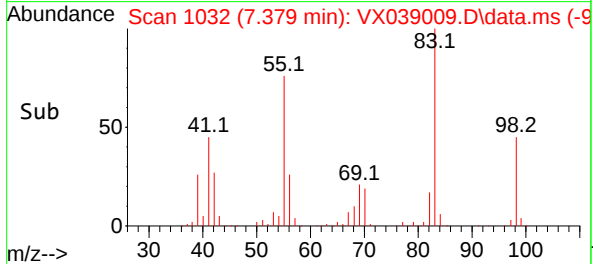
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



Tgt Ion: 83 Resp: 13521
Ion Ratio Lower Upper
83 100
55 75.7 64.6 97.0
98 44.6 36.7 55.1

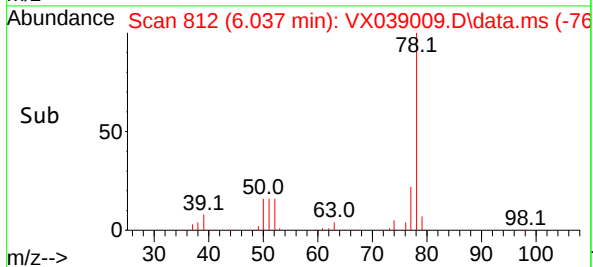
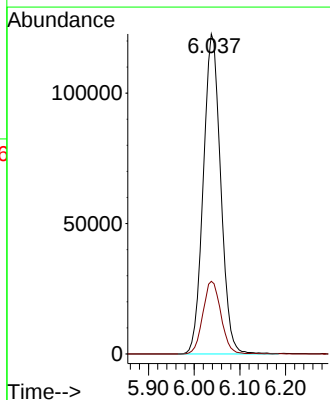
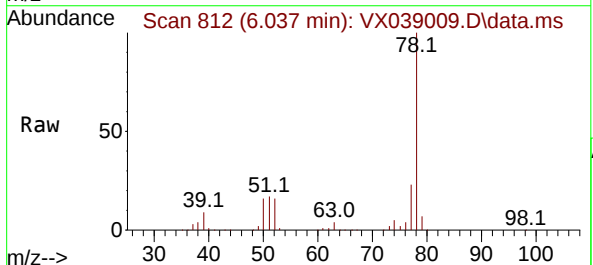
Manual Integrations
APPROVED

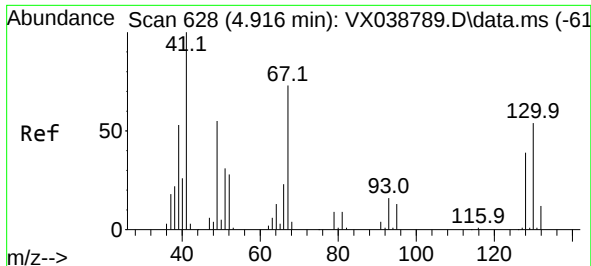
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#40
Benzene
Concen: 52.999 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Tgt Ion: 78 Resp: 324313
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9





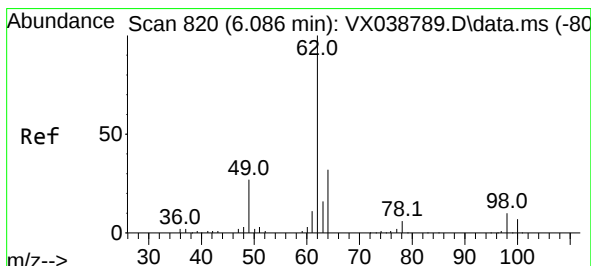
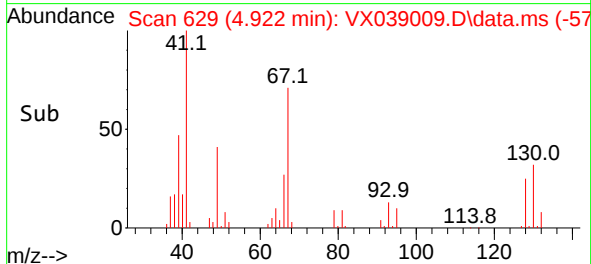
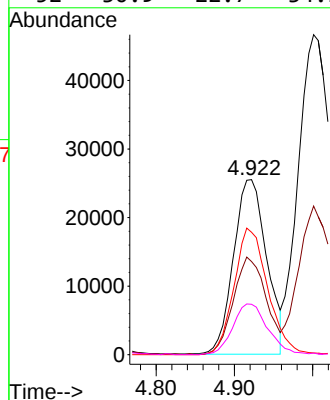
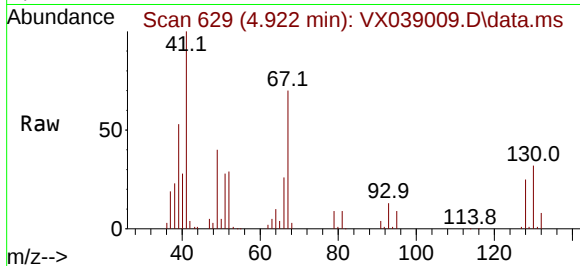
#41
Methacrylonitrile
Concen: 53.609 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS

Tgt Ion: 41 Resp: 7494
Ion Ratio Lower Upper
41 100
39 55.1 45.2 67.8
67 74.2 52.6 78.8
52 30.9 22.7 34.1

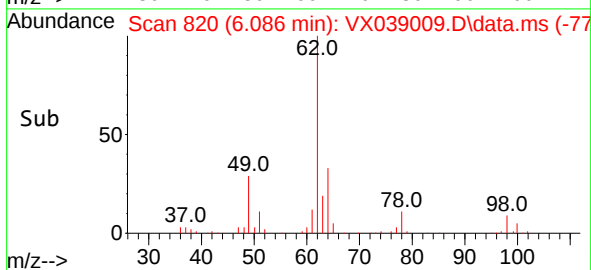
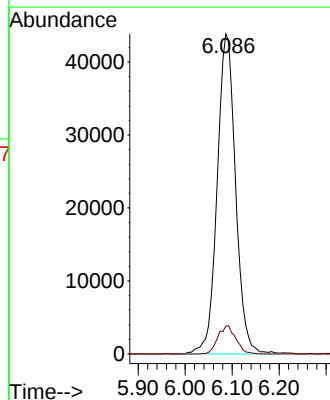
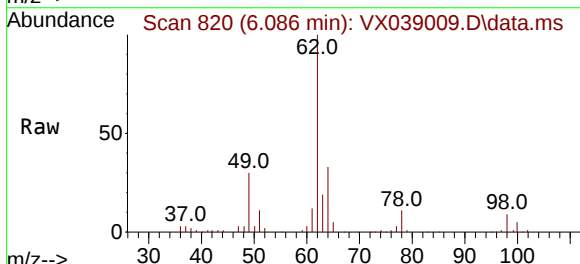
Manual Integrations
APPROVED

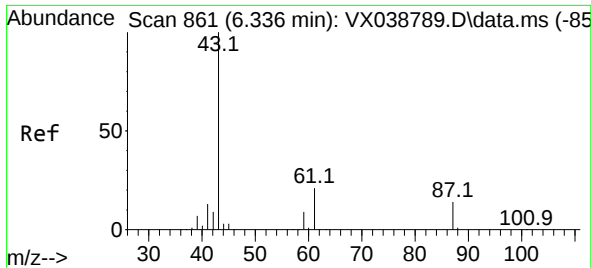
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#42
1,2-Dichloroethane
Concen: 59.025 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Tgt Ion: 62 Resp: 119667
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 53.292 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX039009.D

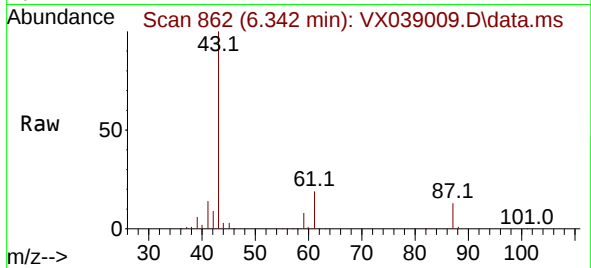
Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS



Tgt Ion: 43 Resp: 22956

Ion Ratio Lower Upper

43 100

61 19.1 15.2 22.8

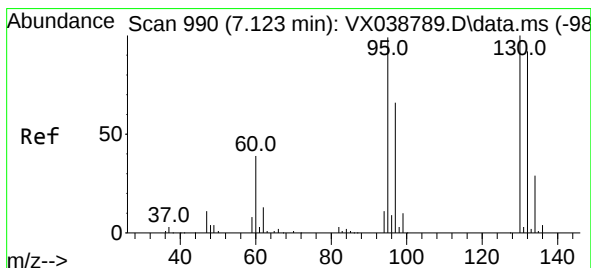
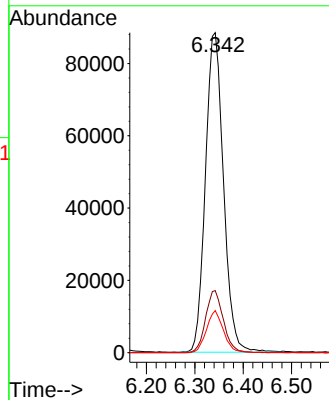
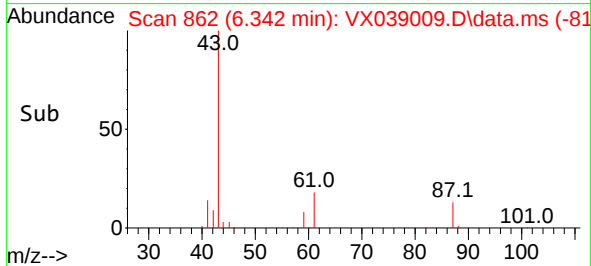
87 12.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#44

Trichloroethene

Concen: 53.294 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039009.D

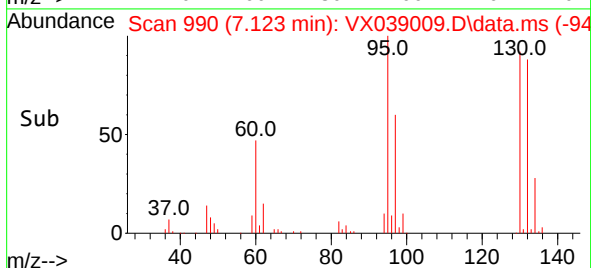
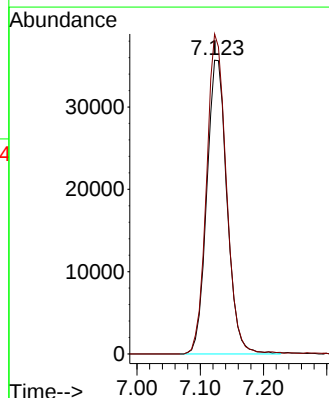
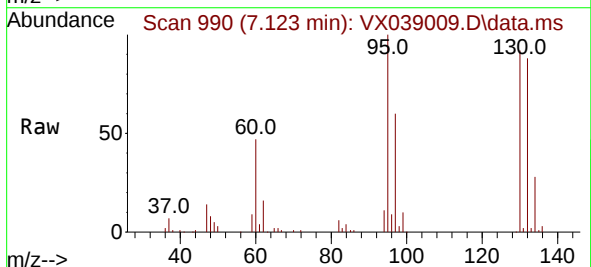
Acq: 22 Nov 2023 17:41

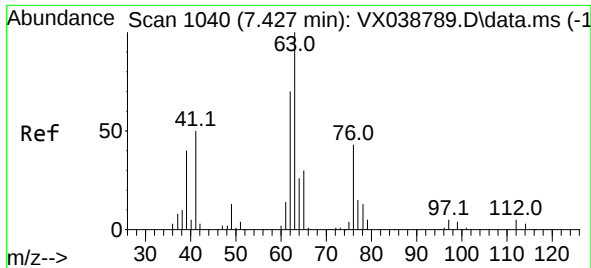
Tgt Ion:130 Resp: 79380

Ion Ratio Lower Upper

130 100

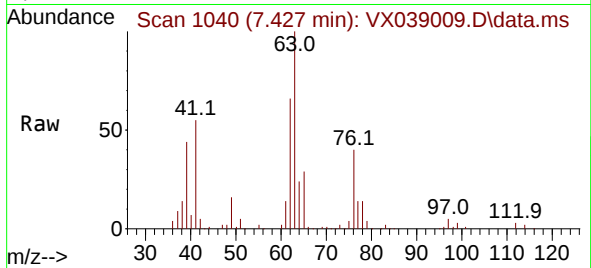
95 108.9 0.0 204.4





#45
1,2-Dichloropropane
Concen: 52.924 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

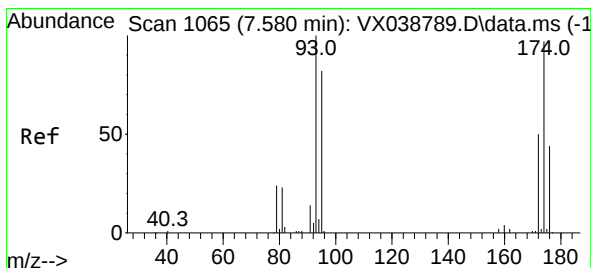
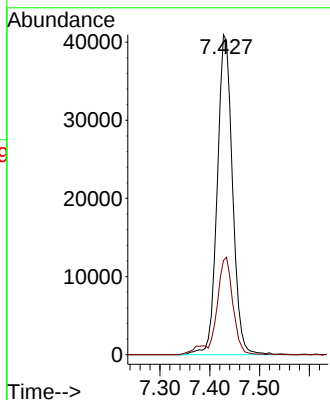
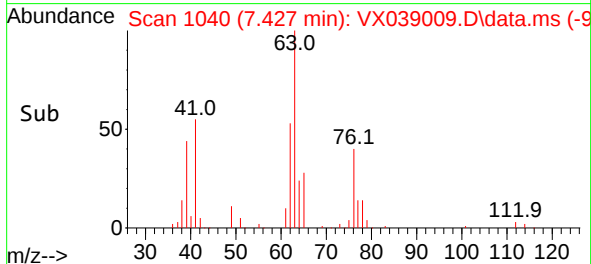
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



Tgt Ion: 63 Resp: 8715
Ion Ratio Lower Upper
63 100
65 29.5 24.3 36.5

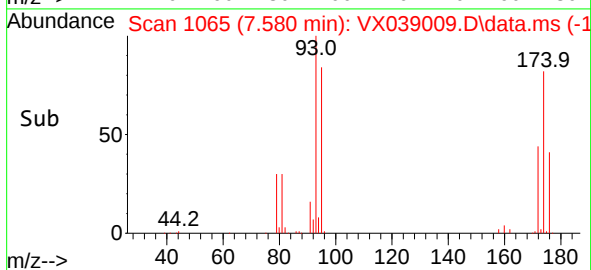
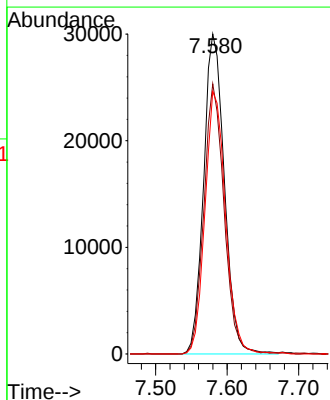
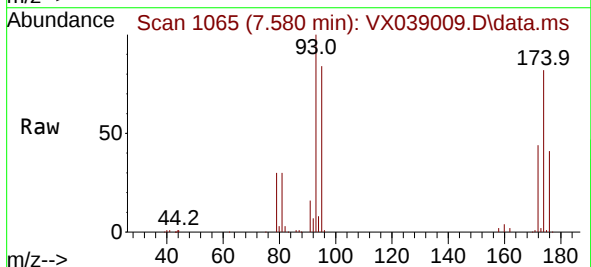
Manual Integrations
APPROVED

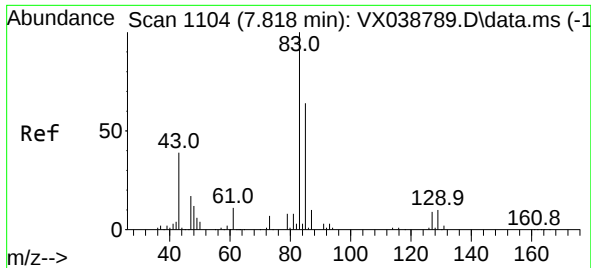
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#46
Dibromomethane
Concen: 55.114 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

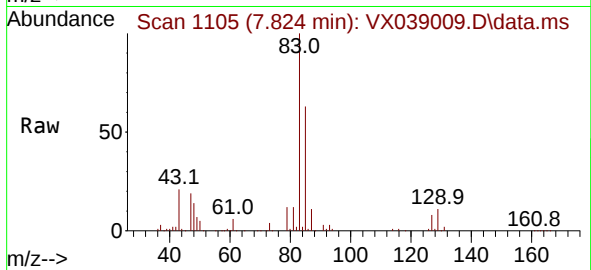
Tgt Ion: 93 Resp: 60524
Ion Ratio Lower Upper
93 100
95 82.4 66.6 100.0
174 81.5 69.4 104.0





#47
Bromodichloromethane
Concen: 53.630 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

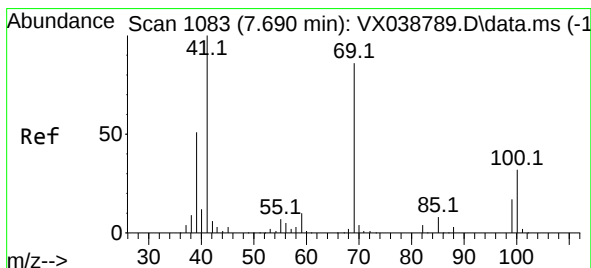
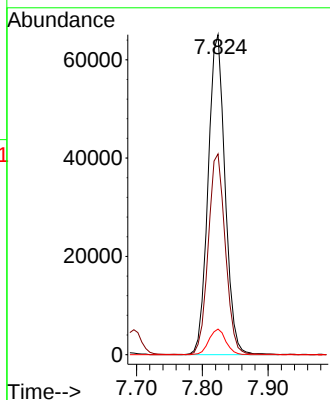
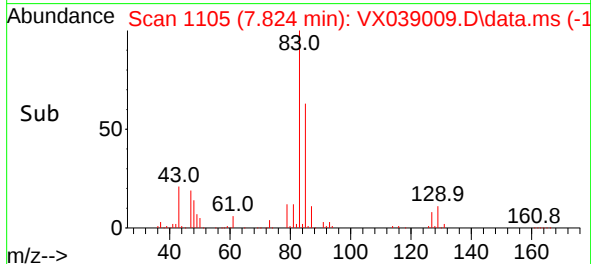
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



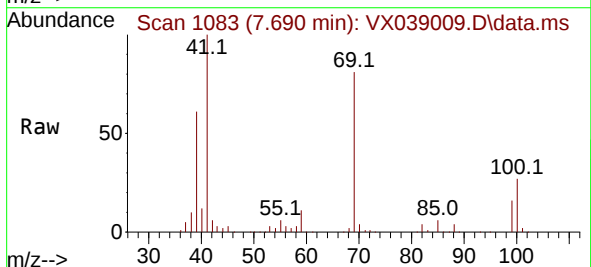
Tgt Ion: 83 Resp: 11689
Ion Ratio Lower Upper
83 100
85 62.7 49.8 74.6
127 8.0 7.1 10.7

Manual Integrations
APPROVED

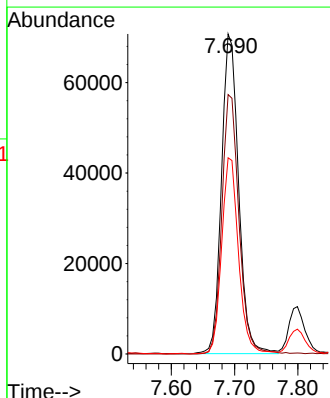
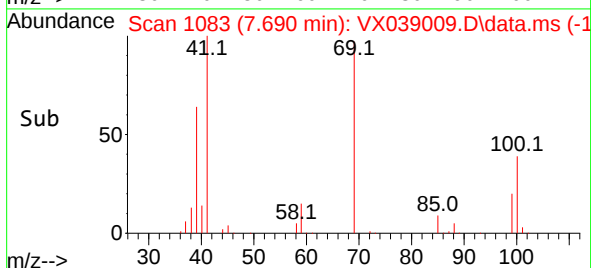
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

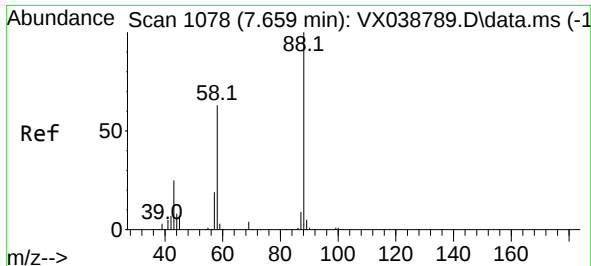


#48
Methyl methacrylate
Concen: 63.526 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41



Tgt Ion: 41 Resp: 132774
Ion Ratio Lower Upper
41 100
69 81.4 59.2 88.8
39 60.7 47.7 71.5





#49

1,4-Dioxane

Concen: 1092.291 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS

Tgt Ion: 88 Resp: 4416

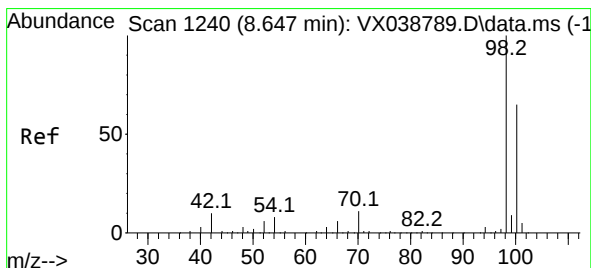
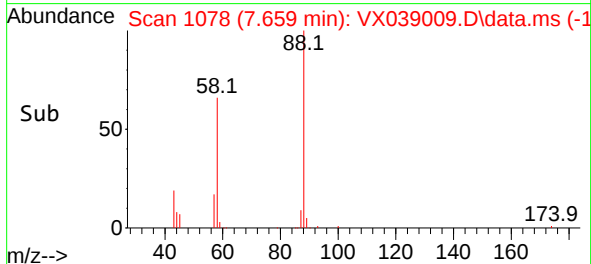
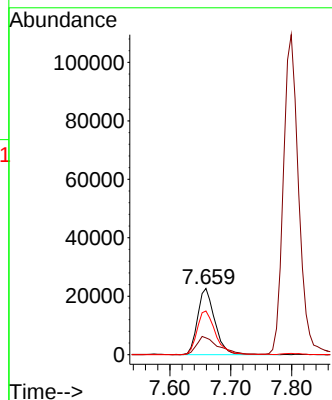
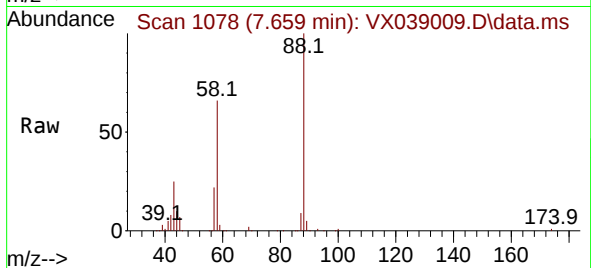
Ion	Ratio	Lower	Upper
88	100		
43	35.1	0.0	0.0
58	70.5	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#50

Toluene-d8

Concen: 49.024 ug/l

RT: 8.647 min Scan# 1240

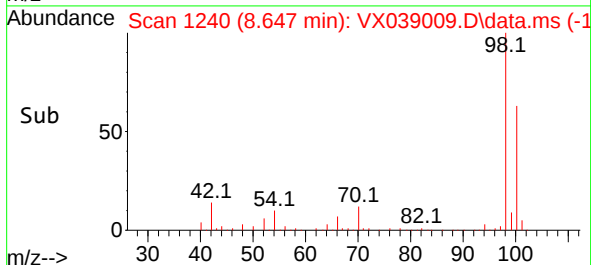
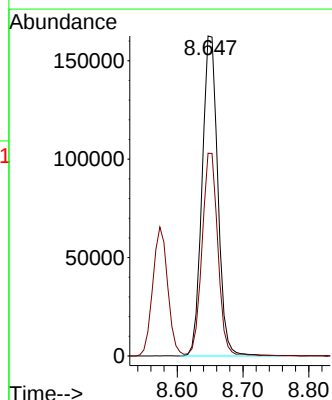
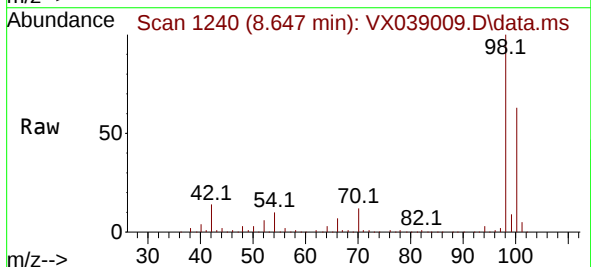
Delta R.T. 0.000 min

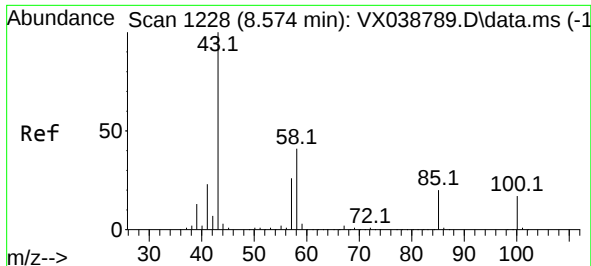
Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Tgt Ion: 98 Resp: 270757

Ion	Ratio	Lower	Upper
98	100		
100	63.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 274.270 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS

Tgt Ion: 43 Resp: 755036

Ion Ratio Lower Upper

43 100

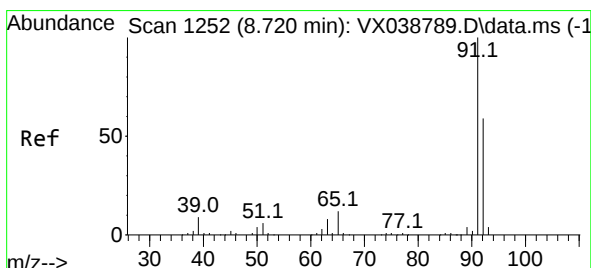
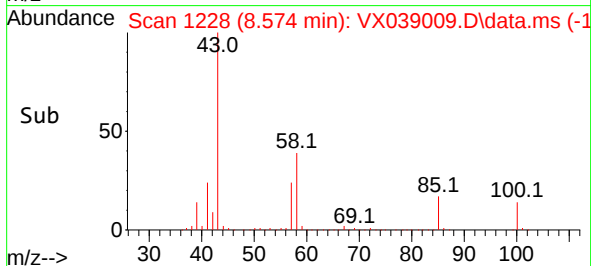
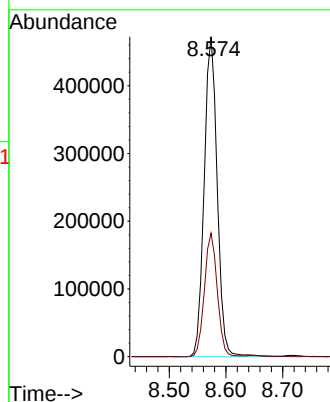
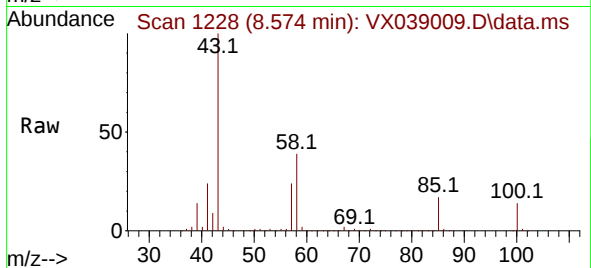
58 38.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#52

Toluene

Concen: 53.021 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX039009.D

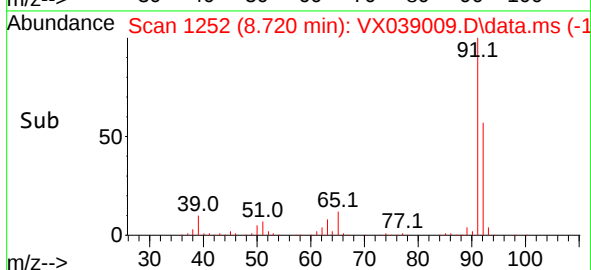
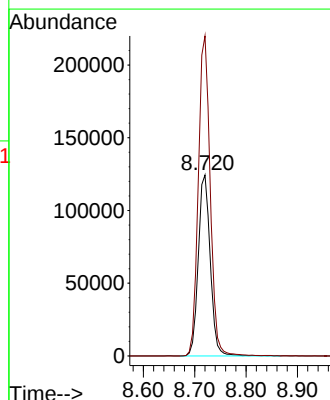
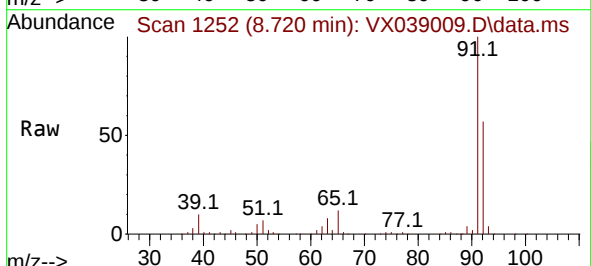
Acq: 22 Nov 2023 17:41

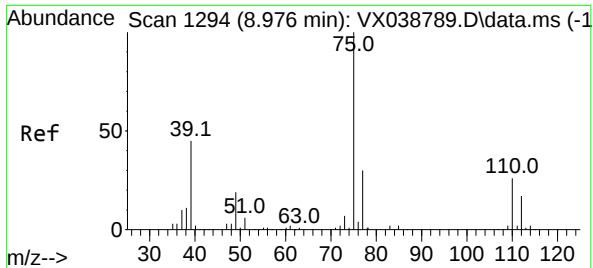
Tgt Ion: 92 Resp: 201336

Ion Ratio Lower Upper

92 100

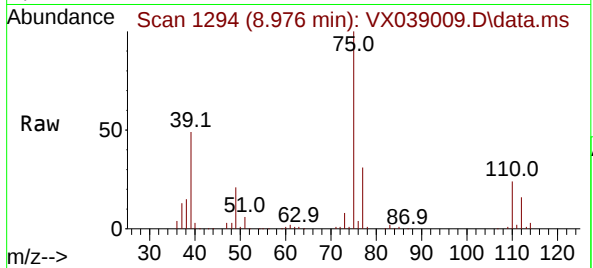
91 175.9 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 50.886 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

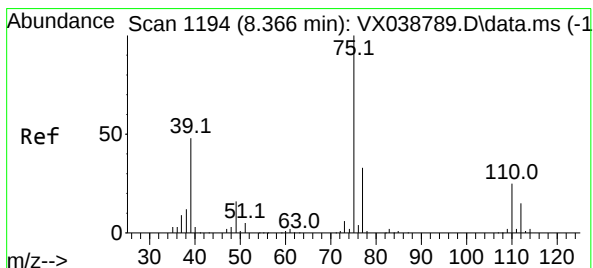
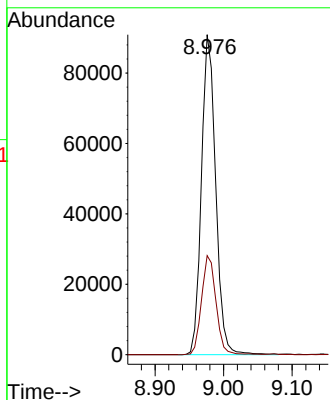
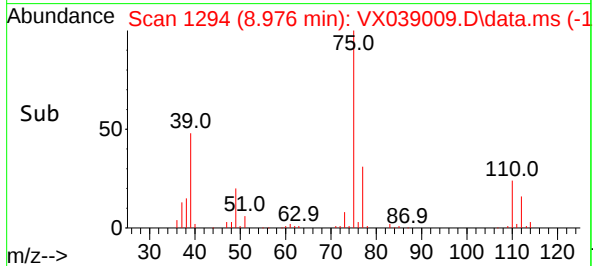
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



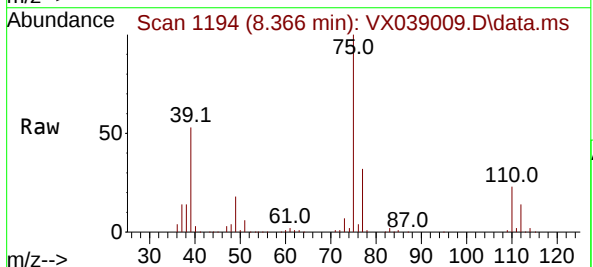
Tgt Ion: 75 Resp: 131800
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5

Manual Integrations
APPROVED

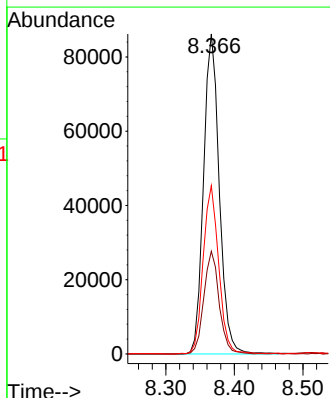
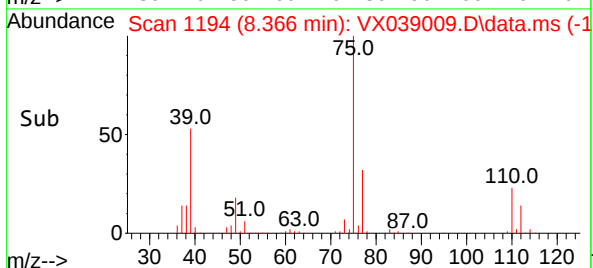
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

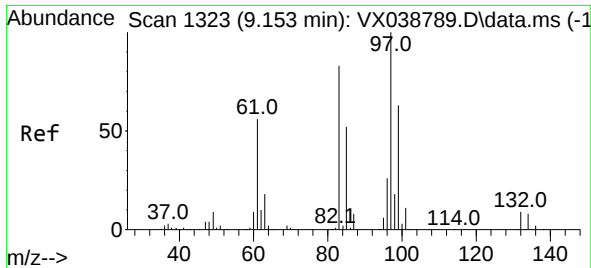


#54
cis-1,3-Dichloropropene
Concen: 51.537 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41



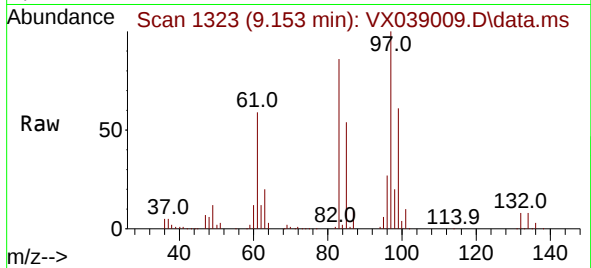
Tgt Ion: 75 Resp: 137888
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
39 52.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 52.756 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

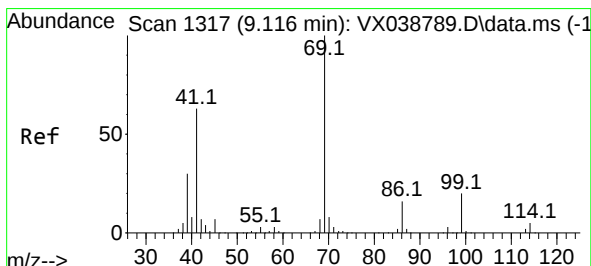
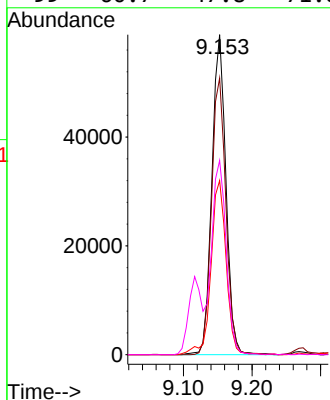
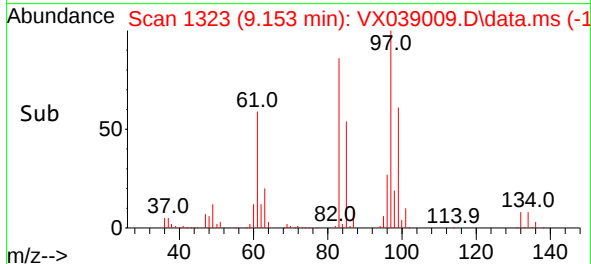
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



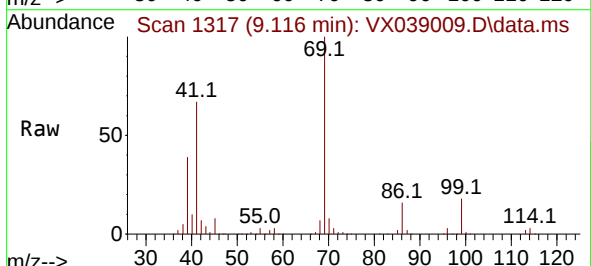
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.4	65.8	98.8
85	54.4	41.6	62.4
99	60.7	47.8	71.8

Manual Integrations
APPROVED

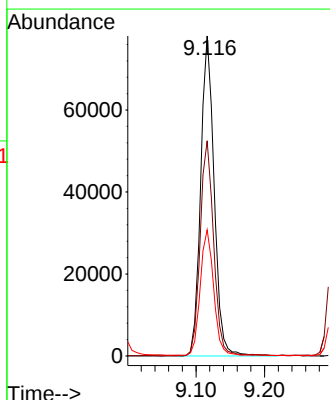
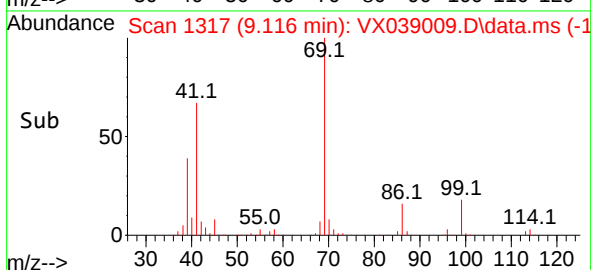
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

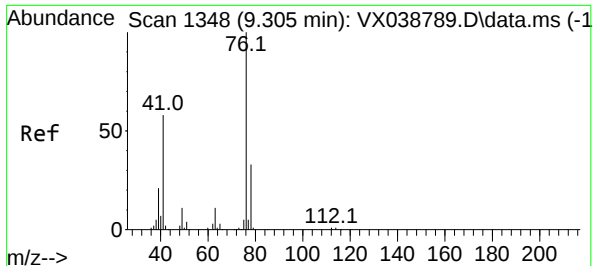


#56
Ethyl methacrylate
Concen: 39.906 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.5	56.8	85.2
39	38.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 54.209 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS

Tgt Ion: 76 Resp: 142050

Ion Ratio Lower Upper

76 100

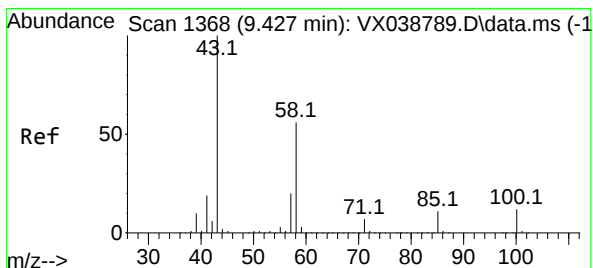
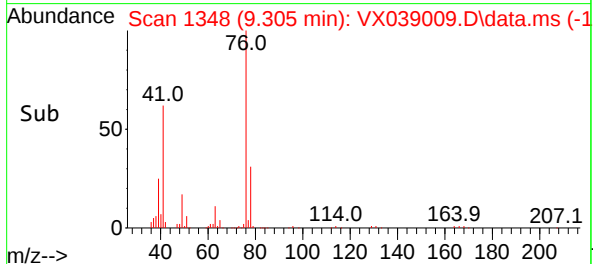
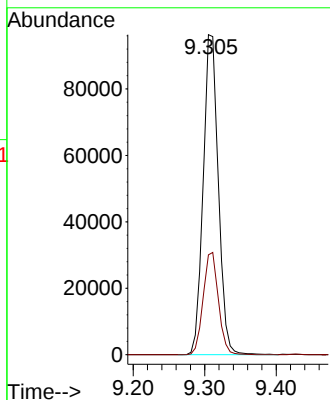
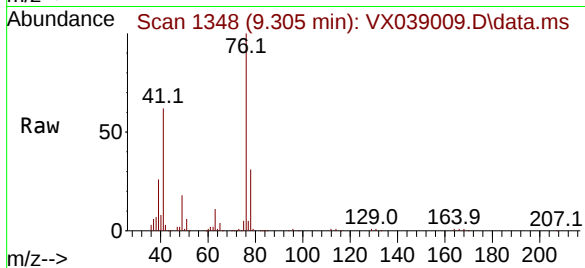
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#59

2-Hexanone

Concen: 271.611 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039009.D

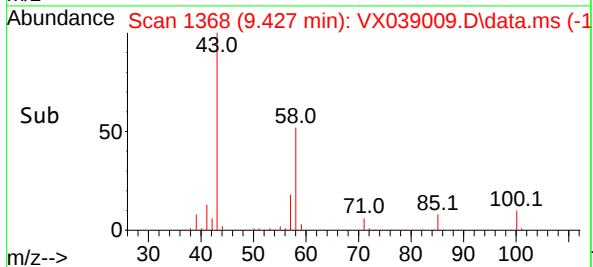
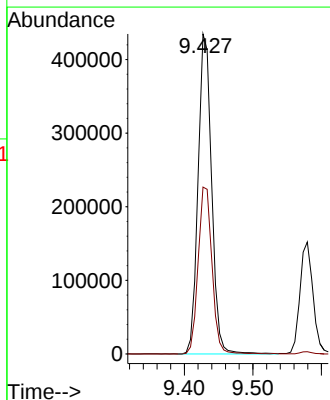
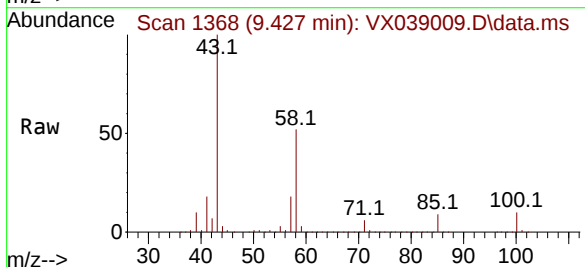
Acq: 22 Nov 2023 17:41

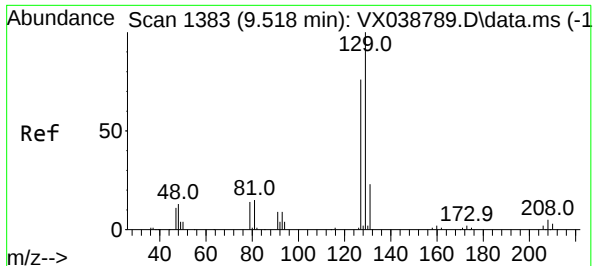
Tgt Ion: 43 Resp: 599314

Ion Ratio Lower Upper

43 100

58 53.4 26.2 78.5





#60

Dibromochloromethane

Concen: 54.060 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS

Tgt Ion:129 Resp: 8709

Ion Ratio Lower Upper

129 100

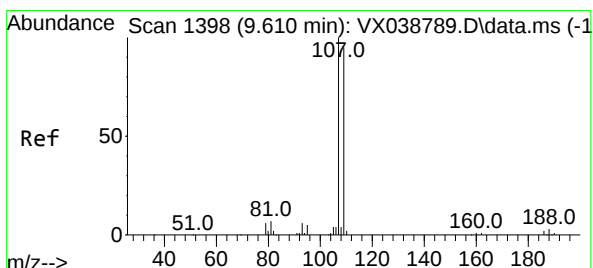
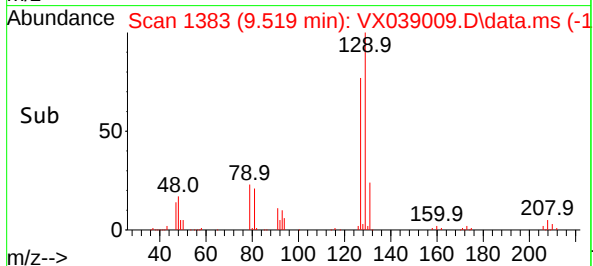
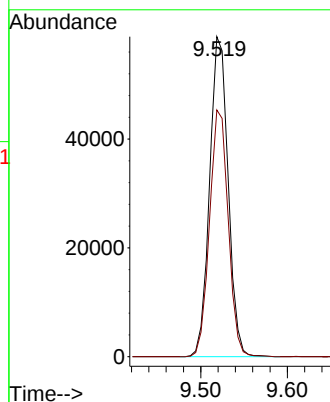
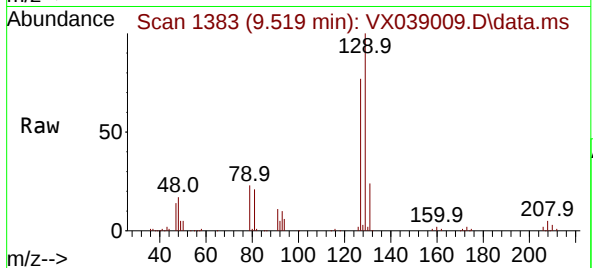
127 78.0 38.8 116.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#61

1,2-Dibromoethane

Concen: 54.449 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX039009.D

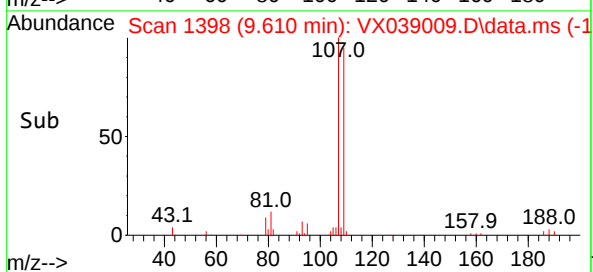
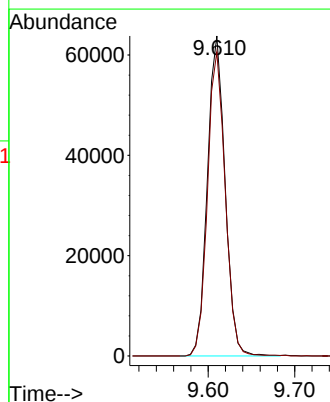
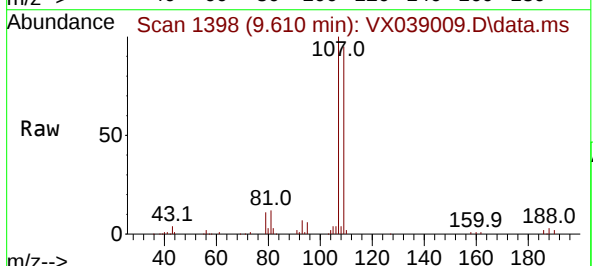
Acq: 22 Nov 2023 17:41

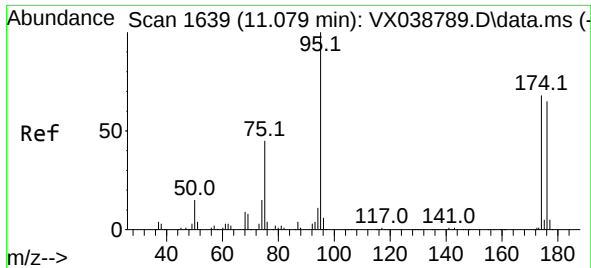
Tgt Ion:107 Resp: 90527

Ion Ratio Lower Upper

107 100

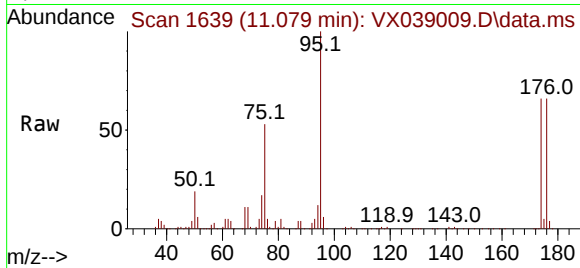
109 95.2 75.2 112.8





#62
4-Bromofluorobenzene
Concen: 49.199 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

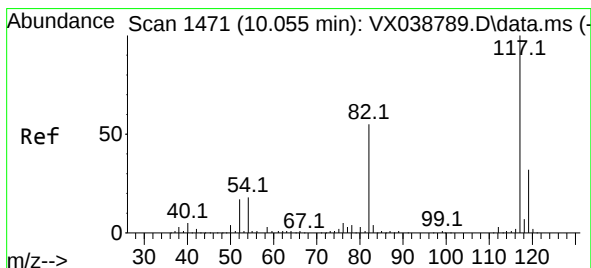
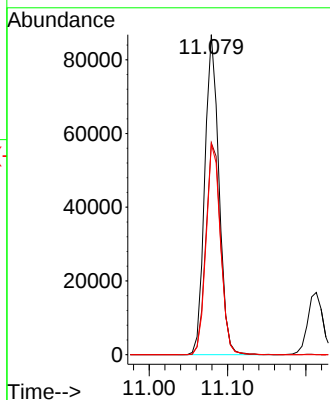
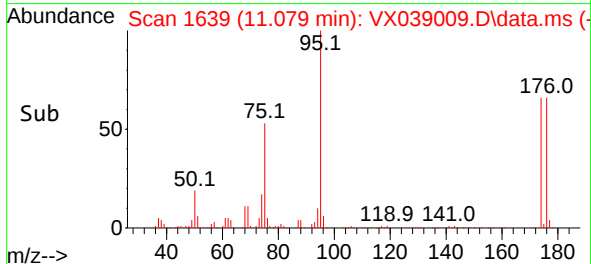
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



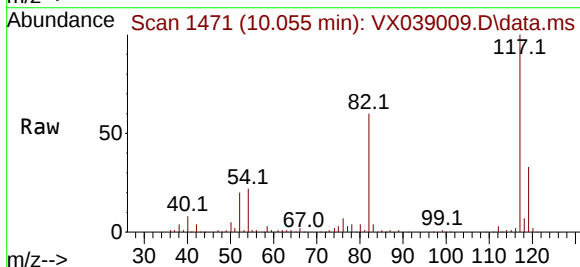
Tgt Ion: 95 Resp: 108774
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.6
176 67.1 0.0 131.0

Manual Integrations
APPROVED

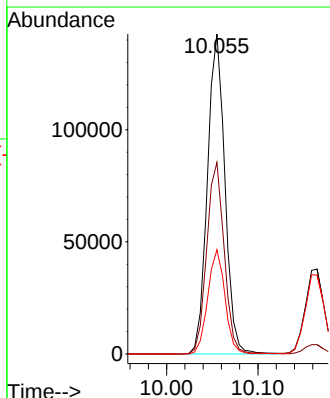
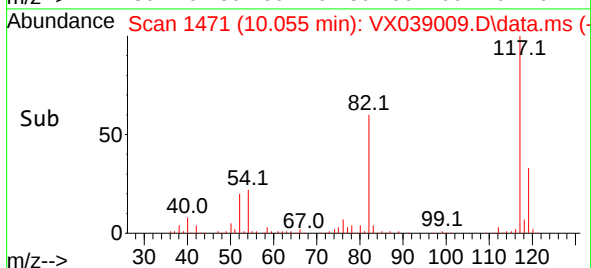
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

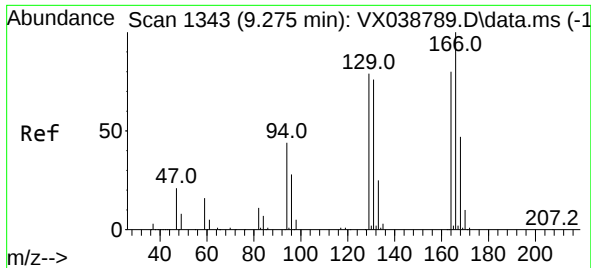


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41



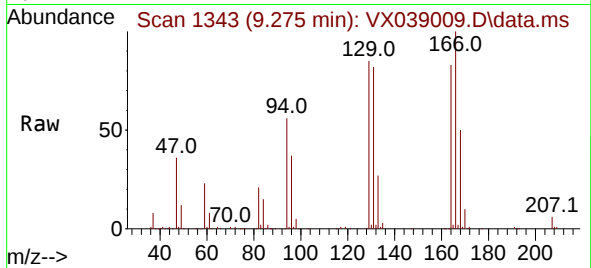
Tgt Ion:117 Resp: 189437
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.4
119 32.6 25.5 38.3





#64
Tetrachloroethene
Concen: 52.536 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

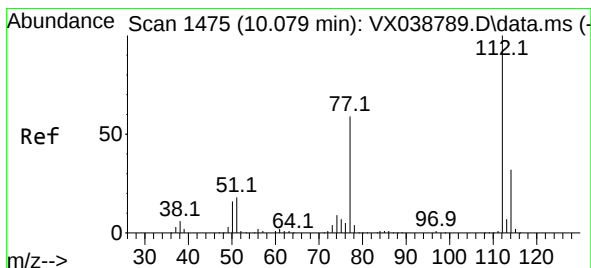
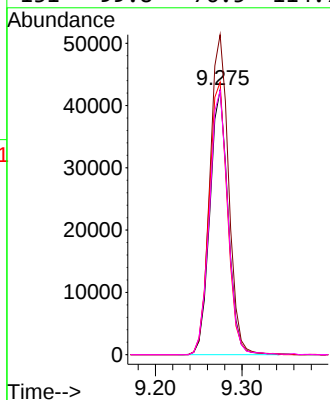
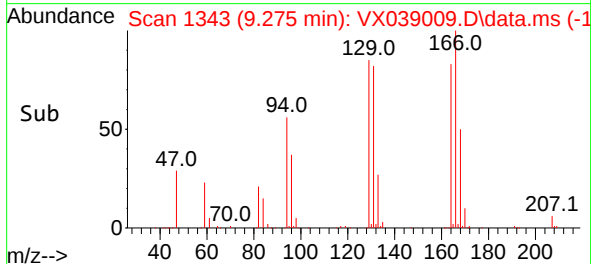
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



Tgt Ion:164 Resp: 61862
Ion Ratio Lower Upper
164 100
166 120.9 102.7 154.1
129 103.0 80.4 120.6
131 99.8 76.5 114.7

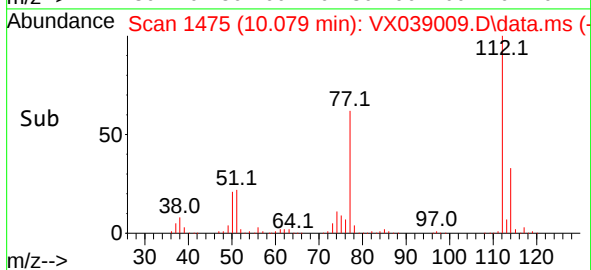
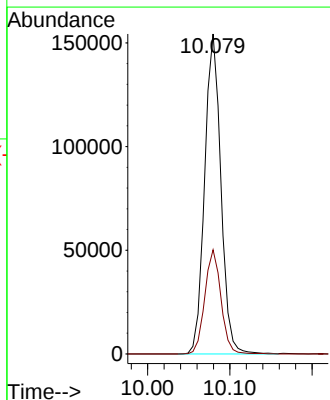
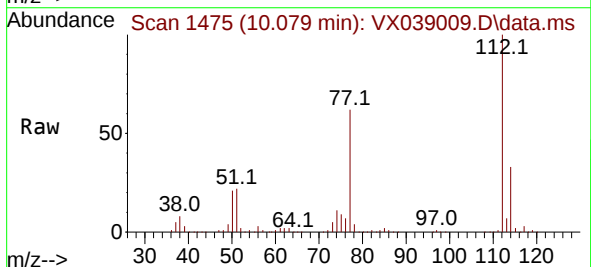
Manual Integrations
APPROVED

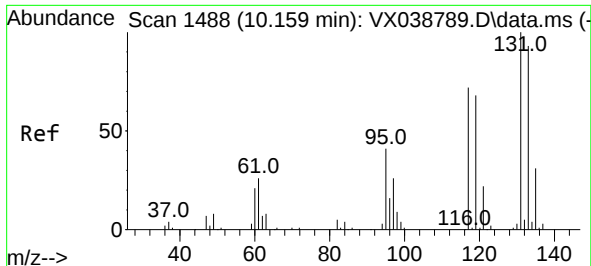
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#65
Chlorobenzene
Concen: 51.930 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

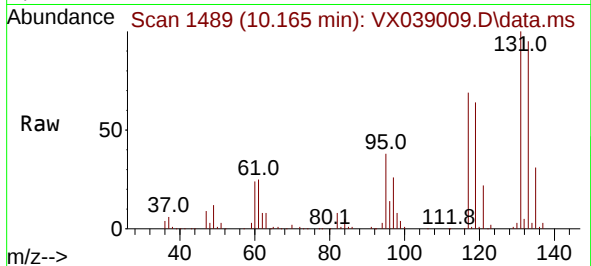
Tgt Ion:112 Resp: 211911
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 53.315 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

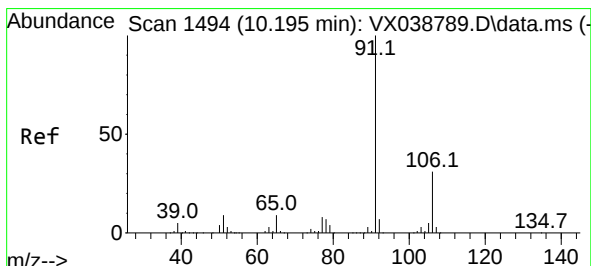
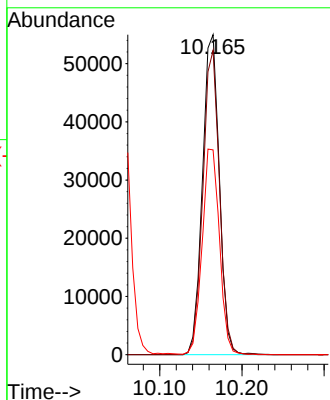
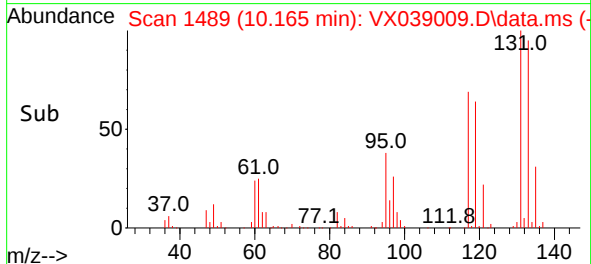
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



Tgt Ion:131 Resp: 7826
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.4
119 66.1 32.2 96.6

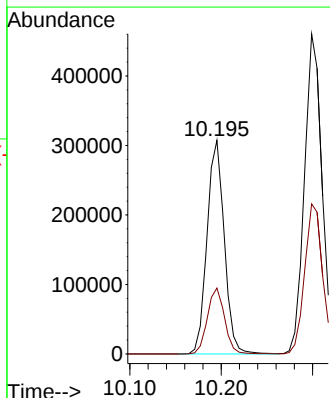
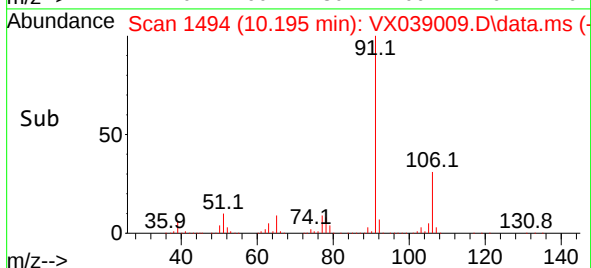
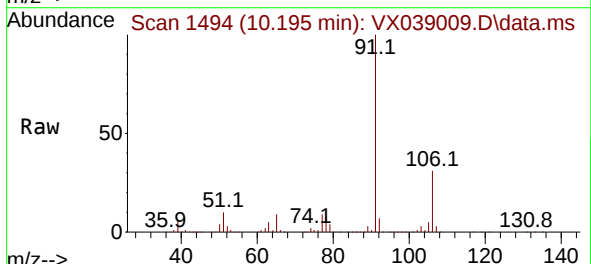
Manual Integrations
APPROVED

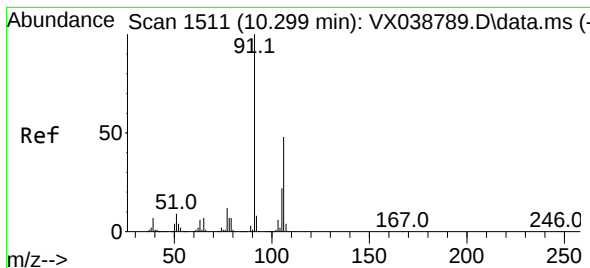
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#67
Ethyl Benzene
Concen: 53.740 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

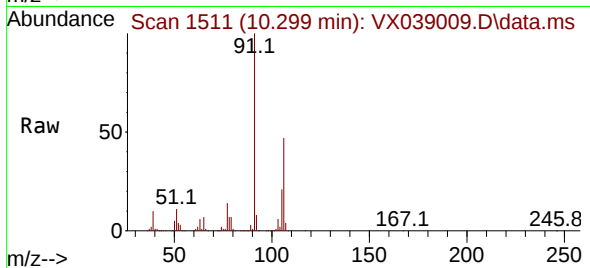
Tgt Ion: 91 Resp: 402901
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3





#68
m/p-Xylenes
Concen: 104.552 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

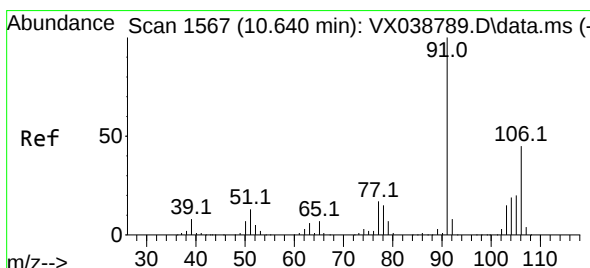
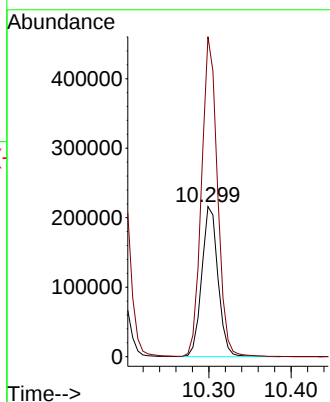
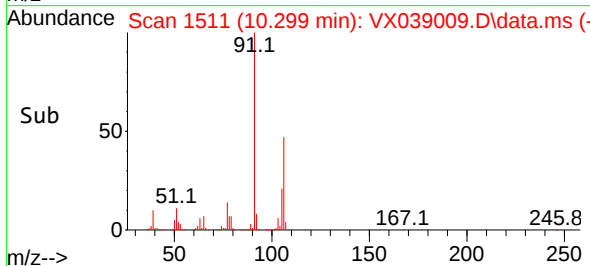
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



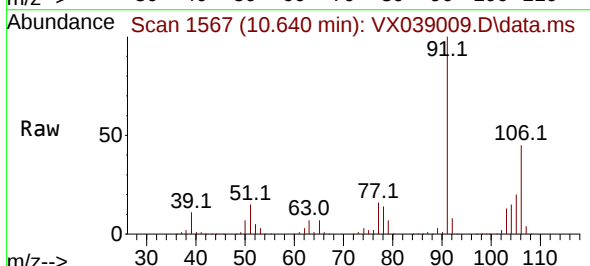
Tgt Ion:106 Resp: 296514
Ion Ratio Lower Upper
106 100
91 209.1 165.5 248.3

Manual Integrations
APPROVED

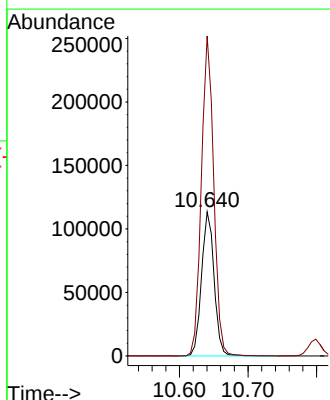
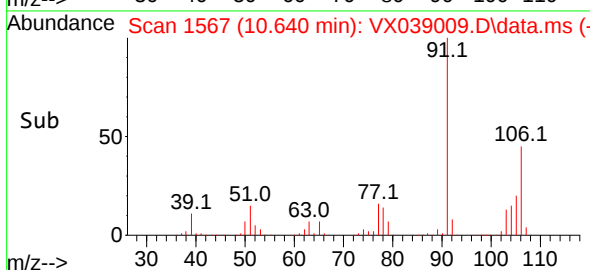
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

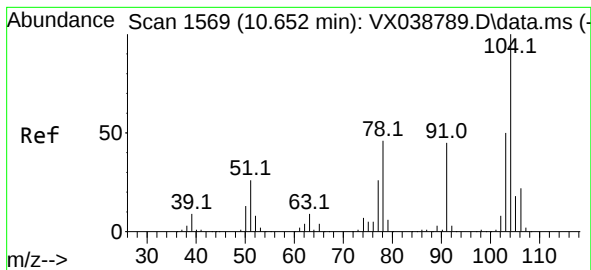


#69
o-Xylene
Concen: 51.646 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41



Tgt Ion:106 Resp: 144930
Ion Ratio Lower Upper
106 100
91 218.9 108.9 326.8





#70

Styrene

Concen: 45.701 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS

Tgt Ion:104 Resp: 216589

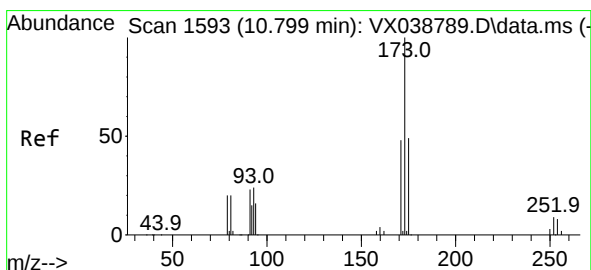
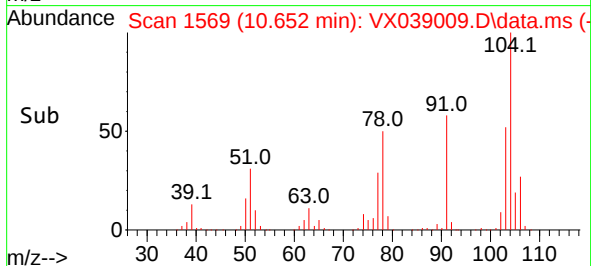
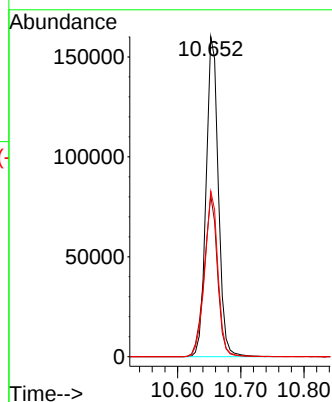
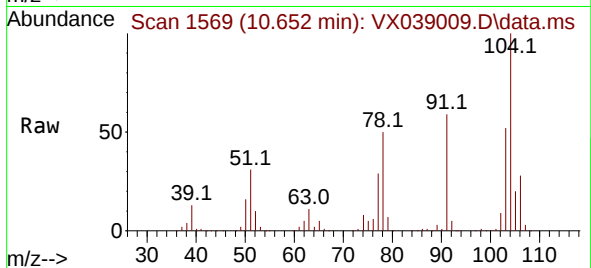
Ion	Ratio	Lower	Upper
104	100		
78	54.6	43.6	65.4
103	55.7	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#71

Bromoform

Concen: 51.778 ug/l

RT: 10.799 min Scan# 1593

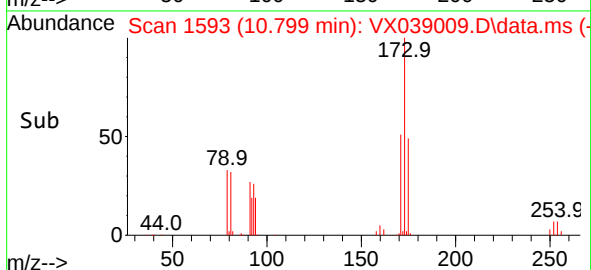
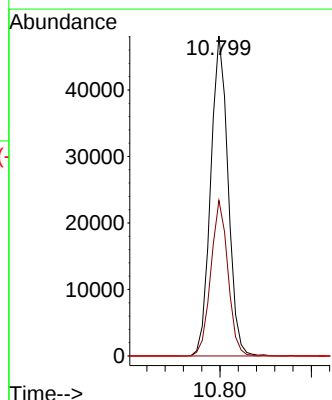
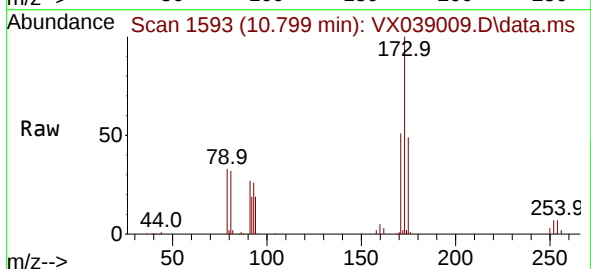
Delta R.T. 0.000 min

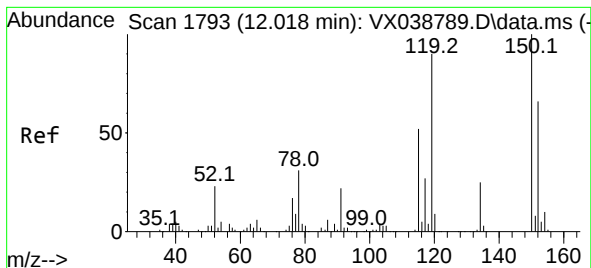
Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Tgt Ion:173 Resp: 63360

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.1	72.4
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS

Tgt Ion:152 Resp: 9832

Ion Ratio Lower Upper

152 100

115 92.6 43.3 129.9

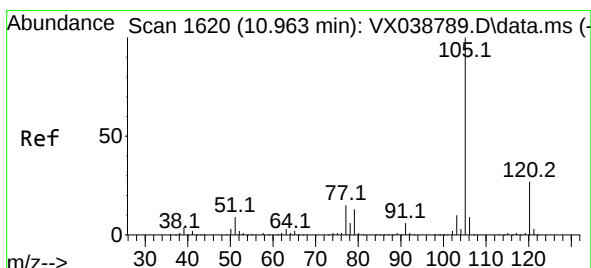
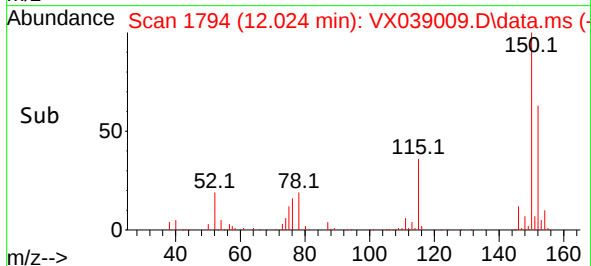
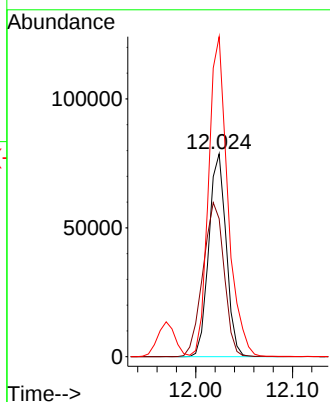
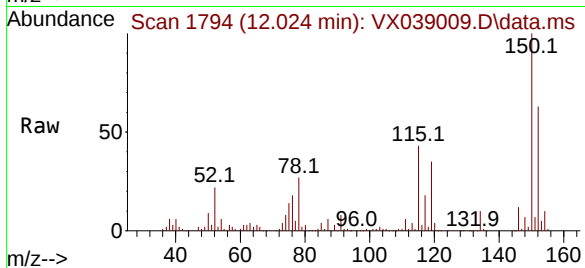
150 174.3 0.0 345.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#73

Isopropylbenzene

Concen: 49.964 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX039009.D

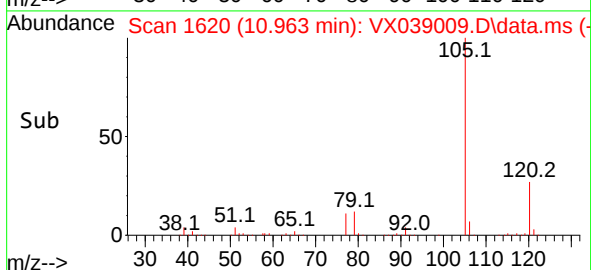
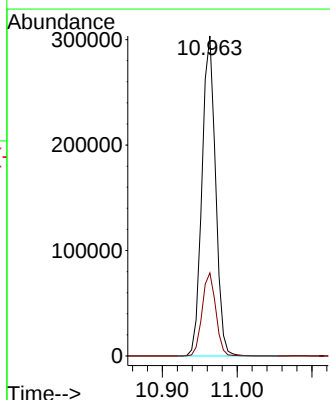
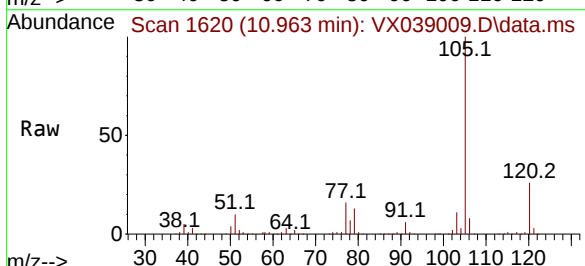
Acq: 22 Nov 2023 17:41

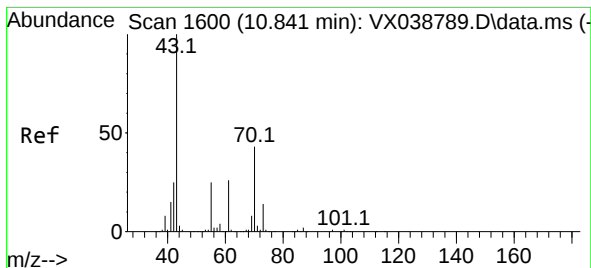
Tgt Ion:105 Resp: 382758

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.6





#74

N-ethyl acetate

Concen: 48.081 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS

Tgt Ion: 43 Resp: 194709

Ion Ratio Lower Upper

43 100

70 40.6 32.9 49.3

55 22.8 19.3 28.9

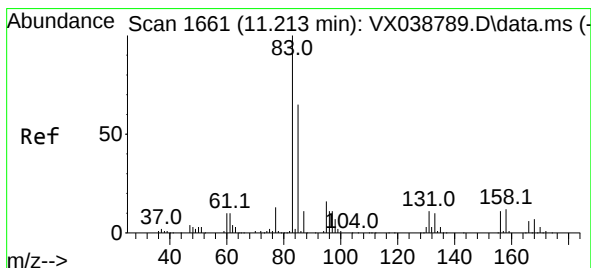
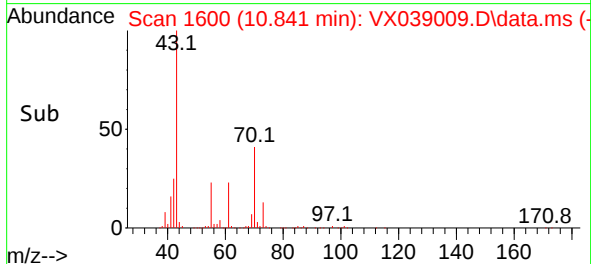
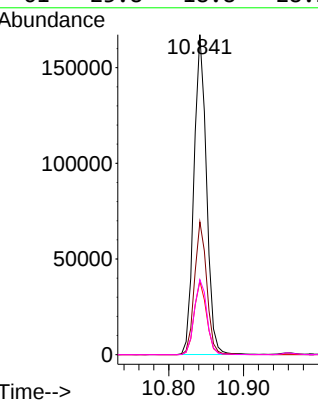
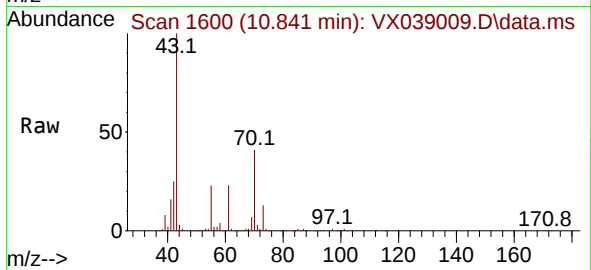
61 23.8 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#75

1,1,2,2-Tetrachloroethane

Concen: 49.296 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

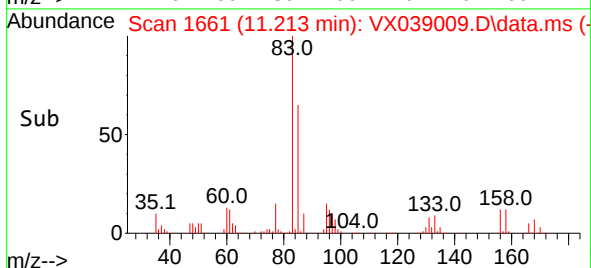
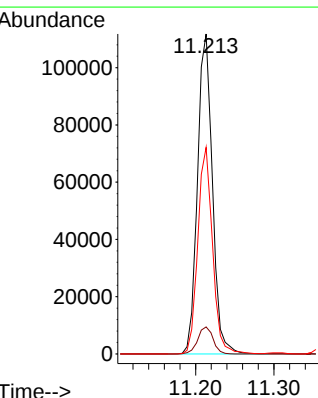
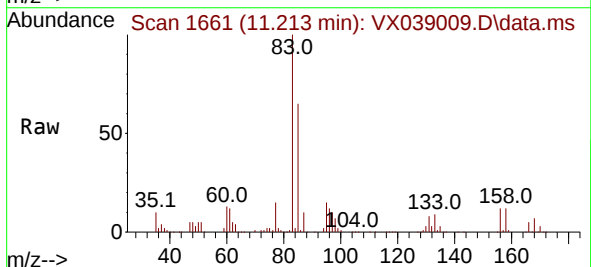
Tgt Ion: 83 Resp: 147418

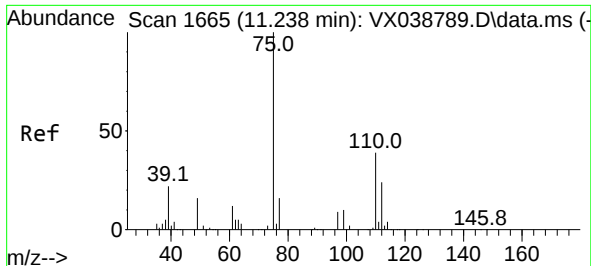
Ion Ratio Lower Upper

83 100

131 8.7 5.3 15.8

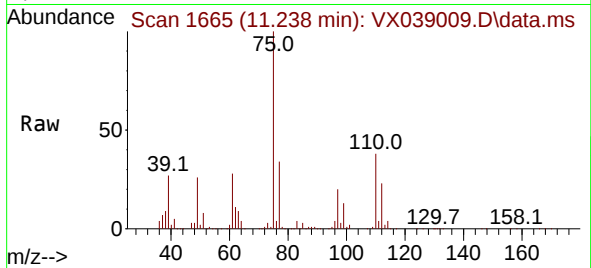
85 63.8 32.0 96.2





#76
1,2,3-Trichloropropane
Concen: 49.960 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

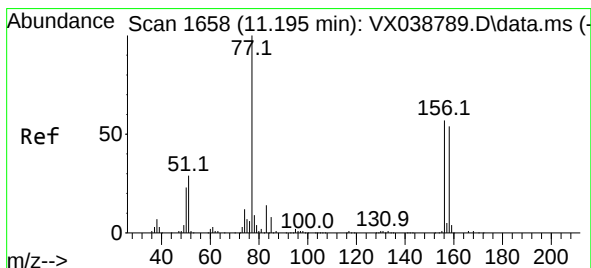
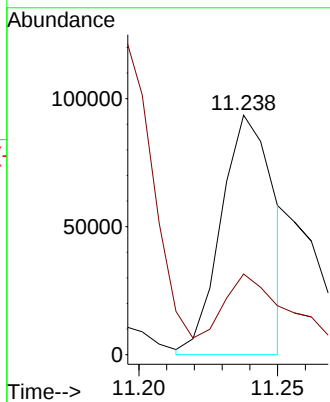
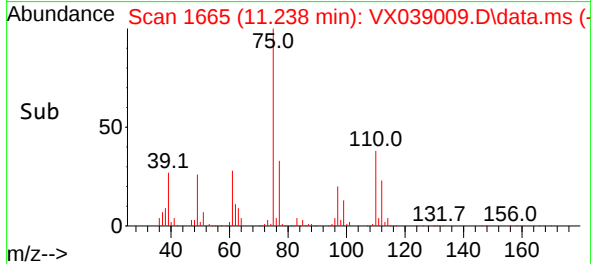
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



Tgt Ion: 75 Resp: 122558
Ion Ratio Lower Upper
75 100
77 45.0 19.1 57.5

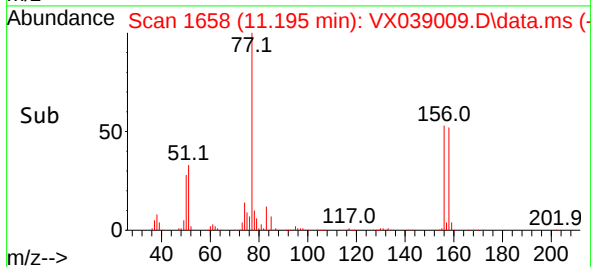
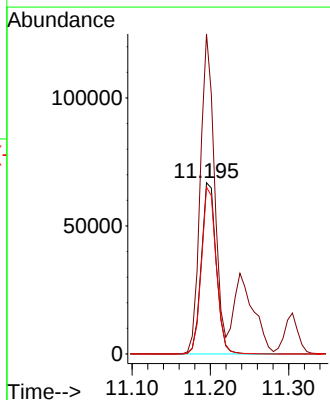
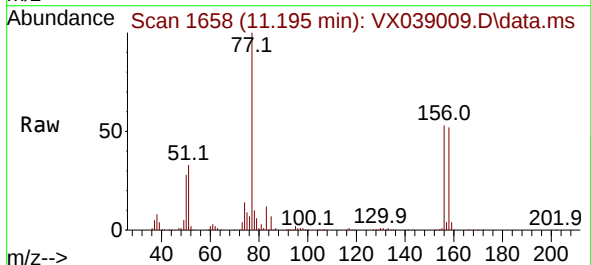
Manual Integrations
APPROVED

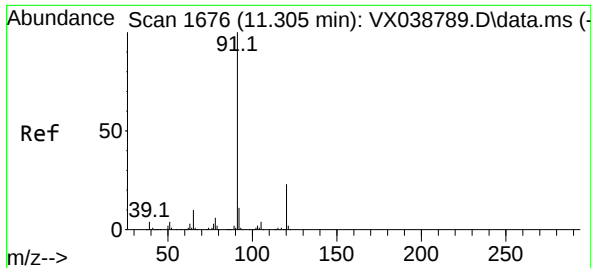
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#77
Bromobenzene
Concen: 51.171 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Tgt Ion:156 Resp: 88083
Ion Ratio Lower Upper
156 100
77 177.5 88.4 265.3
158 96.8 48.0 144.0





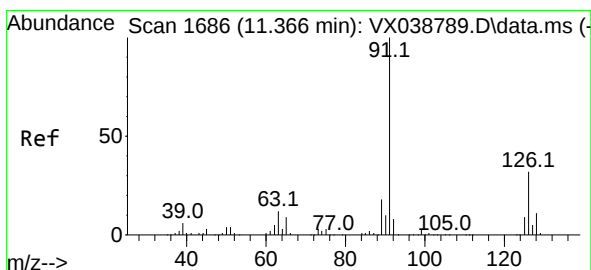
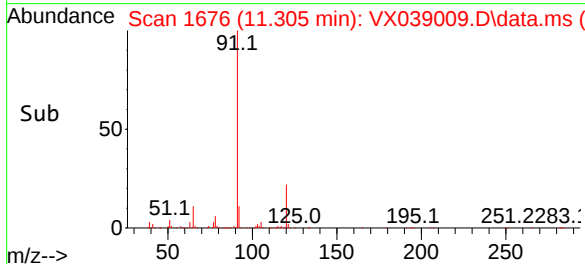
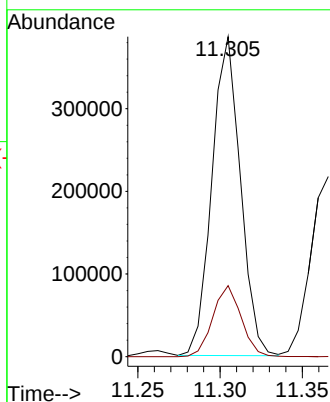
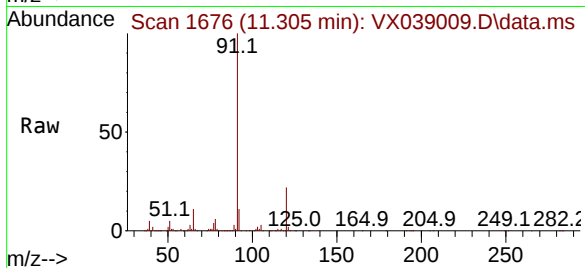
#78
n-propylbenzene
Concen: 49.288 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS

Tgt Ion: 91 Resp: 464760
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4

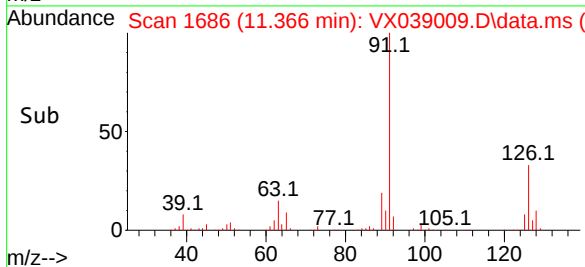
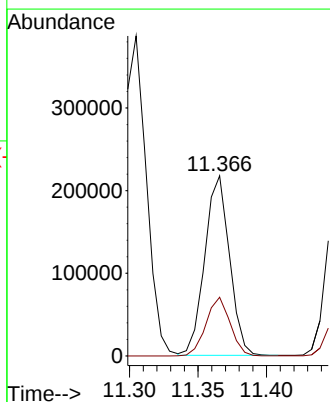
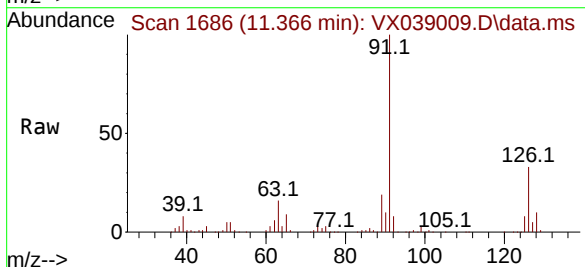
Manual Integrations
APPROVED

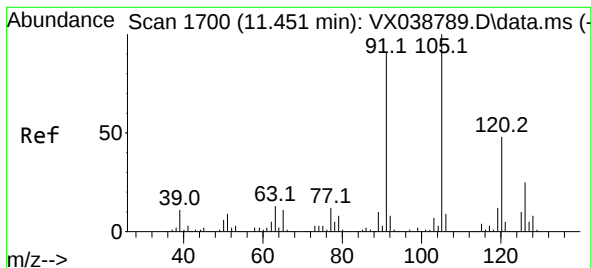
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#79
2-Chlorotoluene
Concen: 48.797 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Tgt Ion: 91 Resp: 273070
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 51.951 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS

Tgt Ion:105 Resp: 33462

Ion Ratio Lower Upper

105 100

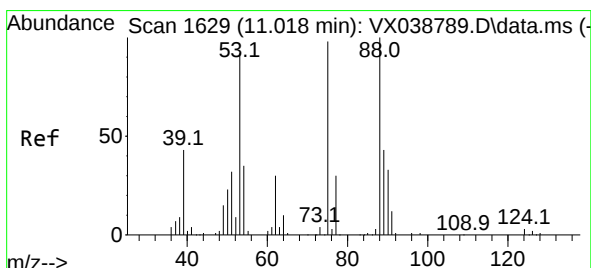
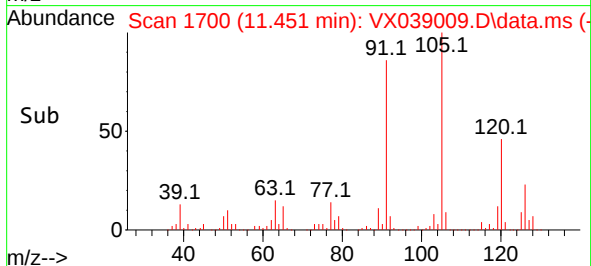
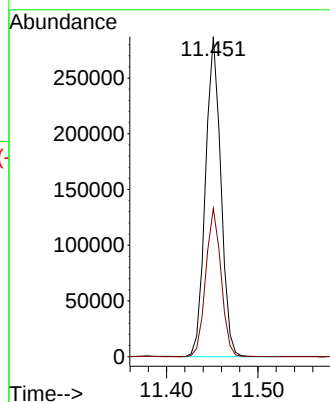
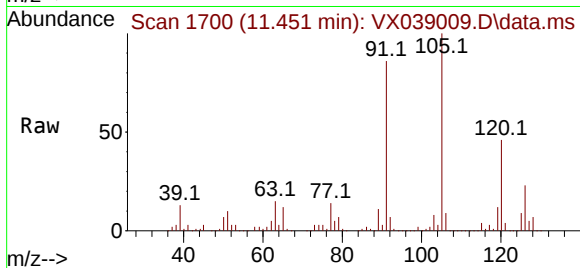
120 46.1 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 43.325 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

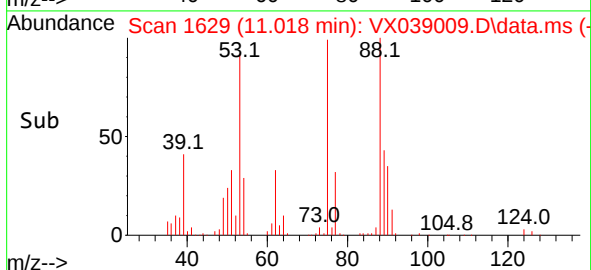
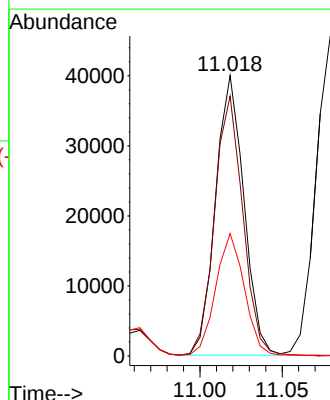
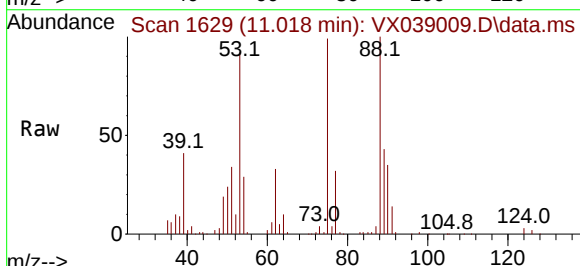
Tgt Ion: 75 Resp: 47915

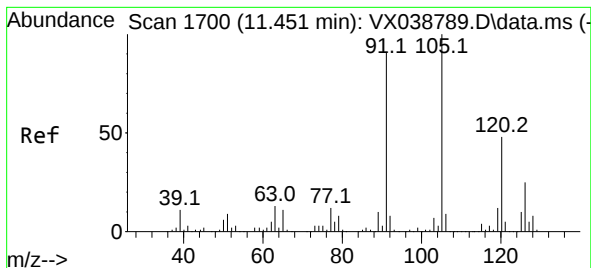
Ion Ratio Lower Upper

75 100

53 92.3 90.5 135.7

89 44.6 36.9 55.3





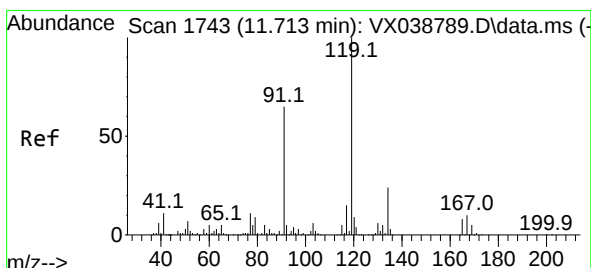
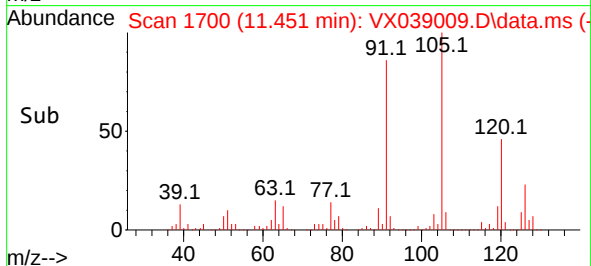
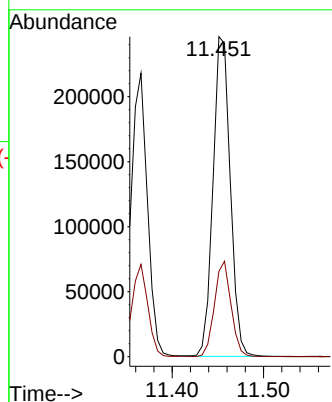
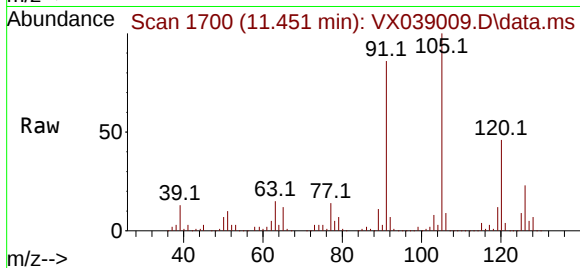
#82
4-Chlorotoluene
Concen: 50.037 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS

Tgt Ion: 91 Resp: 32286
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6

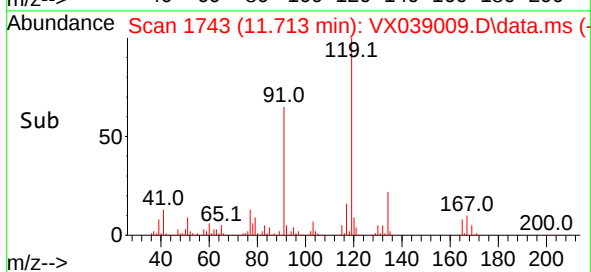
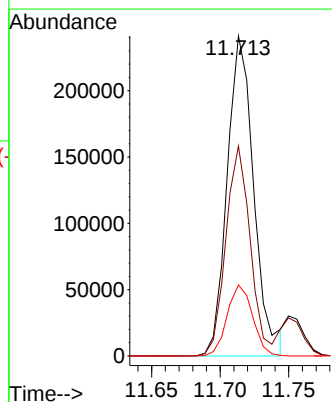
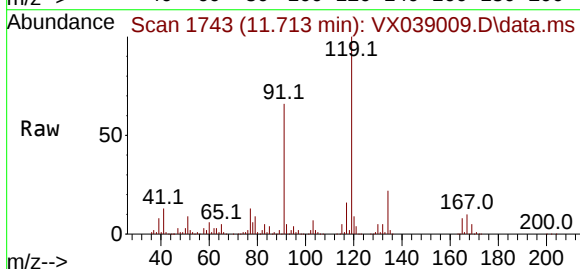
Manual Integrations
APPROVED

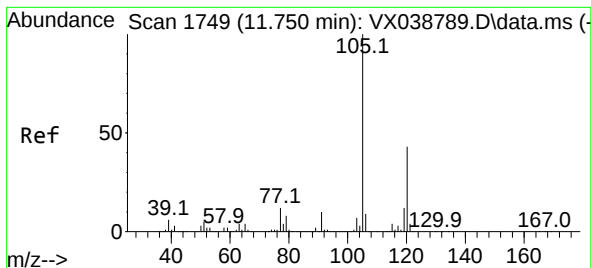
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#83
tert-Butylbenzene
Concen: 51.320 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Tgt Ion:119 Resp: 325557
Ion Ratio Lower Upper
119 100
91 60.2 31.2 93.6
134 21.2 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 51.731 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS

Tgt Ion:105 Resp: 33726

Ion Ratio Lower Upper

105 100

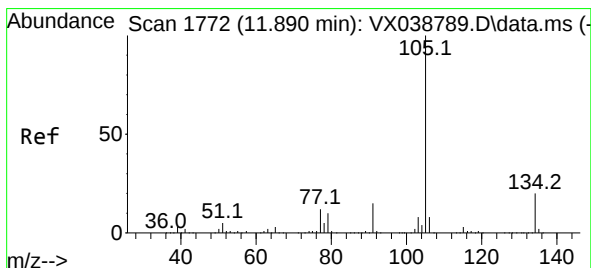
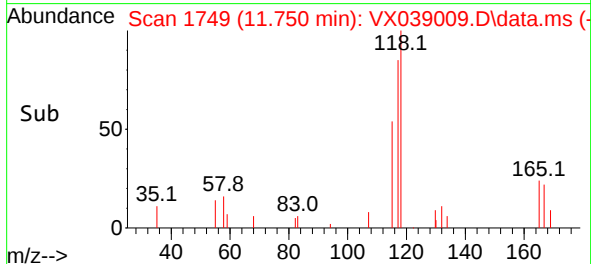
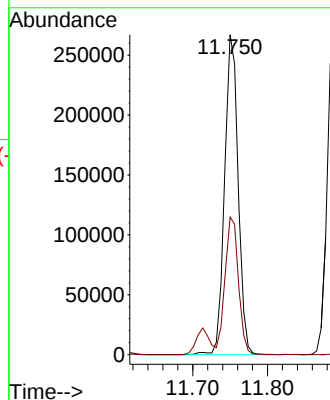
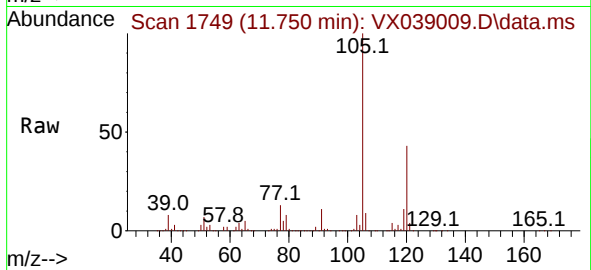
120 42.6 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#85

sec-Butylbenzene

Concen: 48.634 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX039009.D

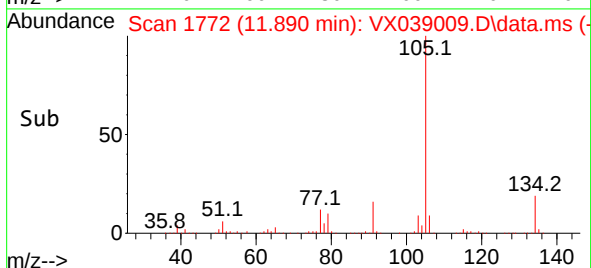
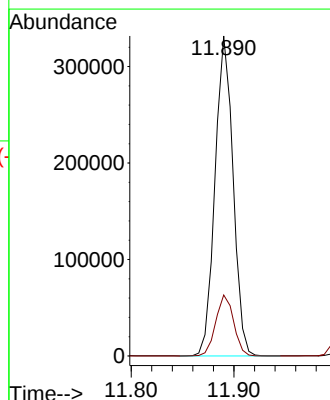
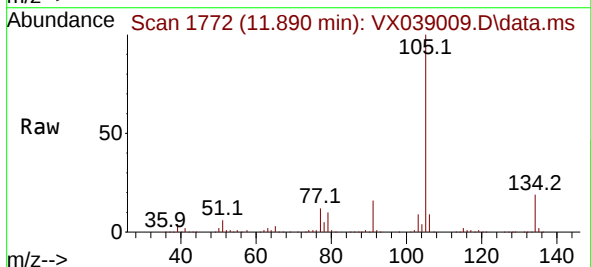
Acq: 22 Nov 2023 17:41

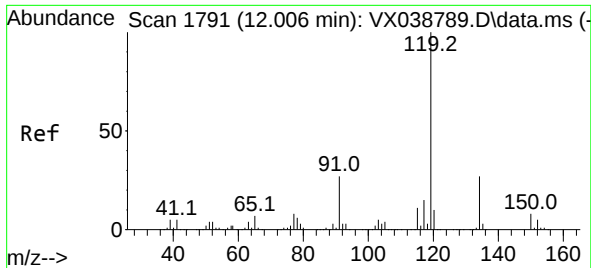
Tgt Ion:105 Resp: 403557

Ion Ratio Lower Upper

105 100

134 18.9 9.8 29.4





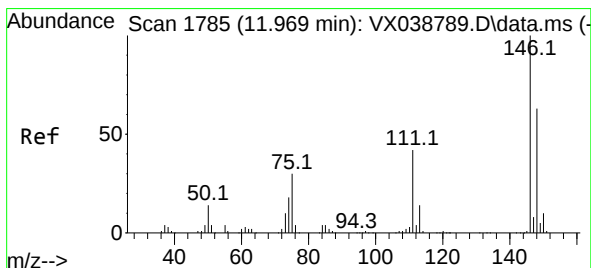
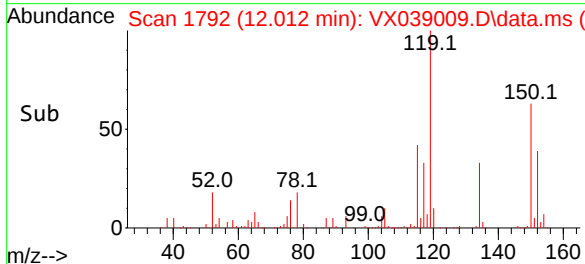
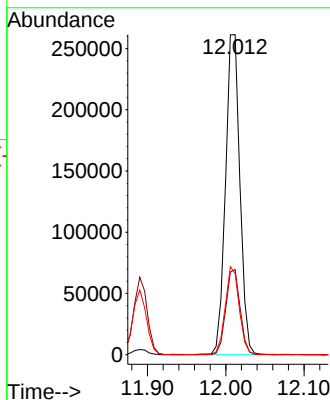
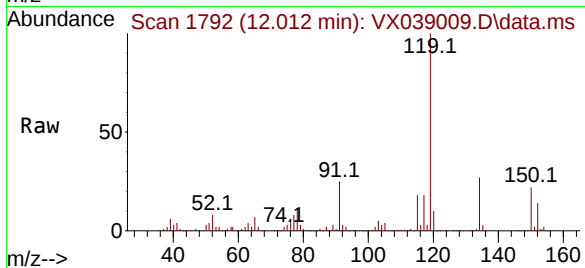
#86
p-Isopropyltoluene
Concen: 50.251 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS

Tgt Ion:119 Resp: 334730
Ion Ratio Lower Upper
119 100
134 26.3 12.8 38.3
91 26.7 13.1 39.3

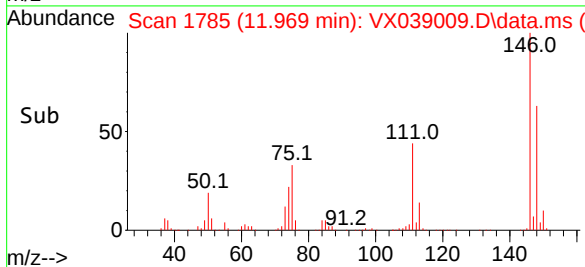
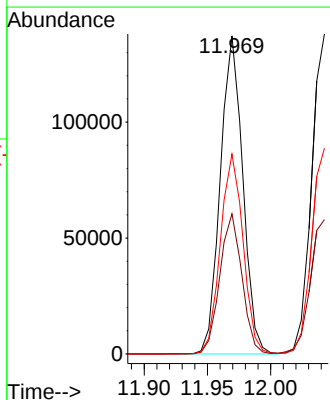
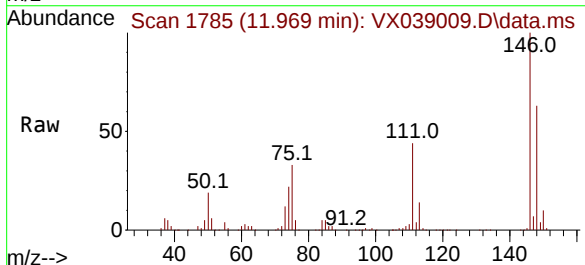
Manual Integrations
APPROVED

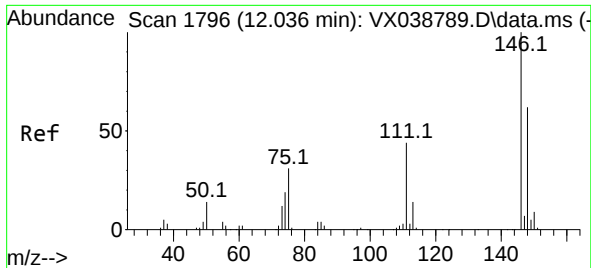
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#87
1,3-Dichlorobenzene
Concen: 50.193 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

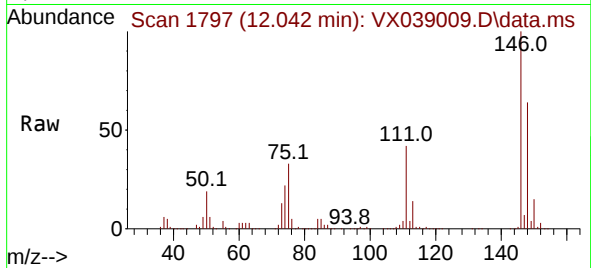
Tgt Ion:146 Resp: 169190
Ion Ratio Lower Upper
146 100
111 43.6 22.1 66.1
148 63.5 31.8 95.3





#88
1,4-Dichlorobenzene
Concen: 49.340 ug/l
RT: 12.042 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

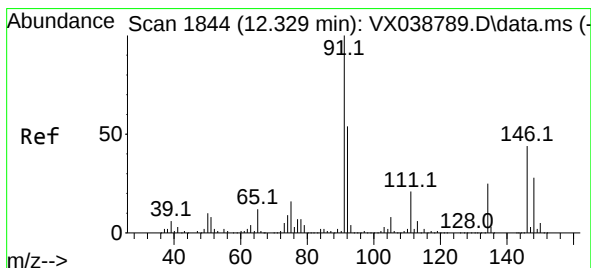
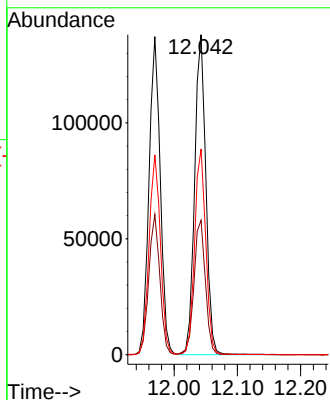
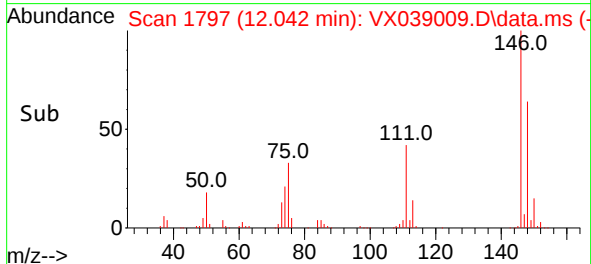
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



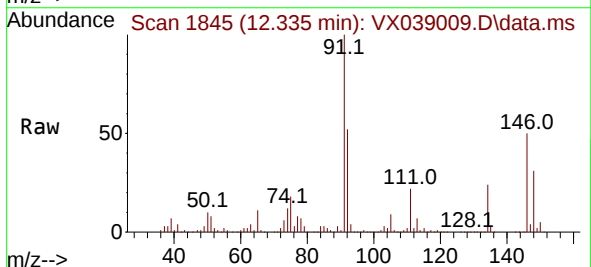
Tgt Ion:146 Resp: 170220
Ion Ratio Lower Upper
146 100
111 42.9 21.3 63.7
148 64.2 31.8 95.4

Manual Integrations
APPROVED

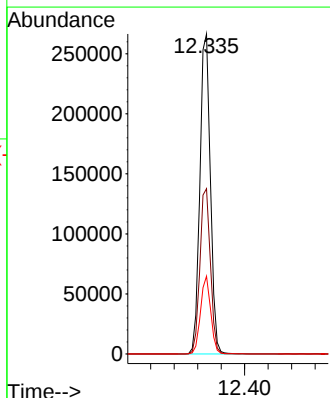
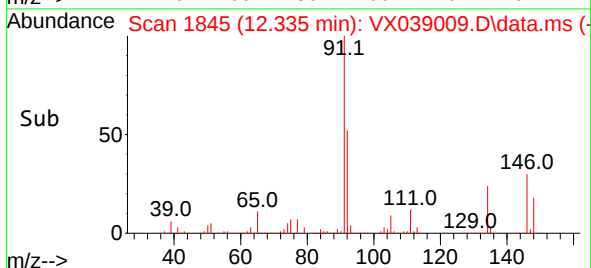
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

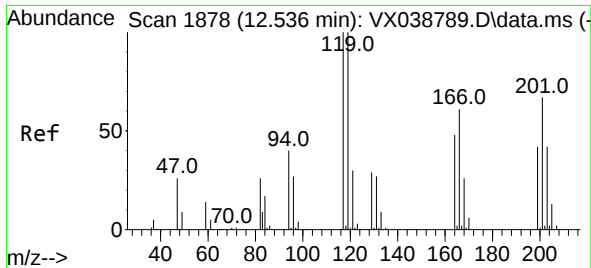


#89
n-Butylbenzene
Concen: 49.157 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41



Tgt Ion: 91 Resp: 330364
Ion Ratio Lower Upper
91 100
92 51.9 27.4 82.0
134 23.6 12.6 37.8





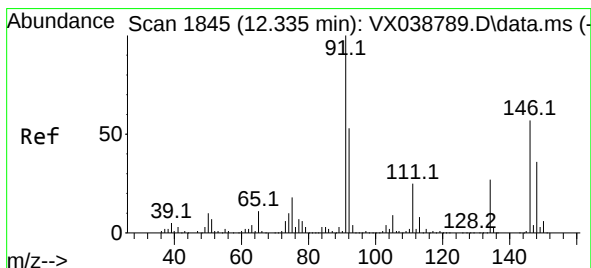
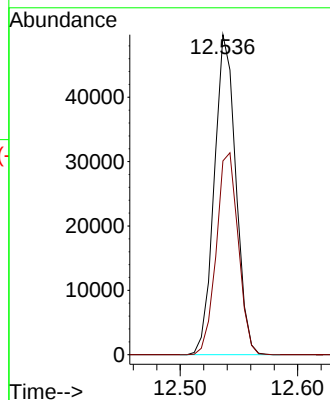
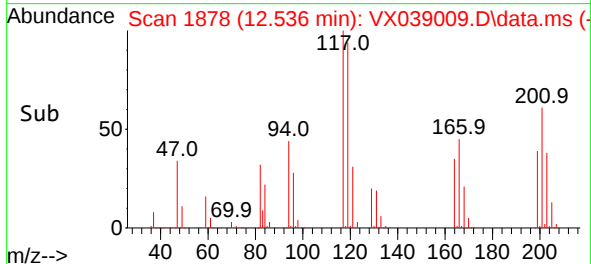
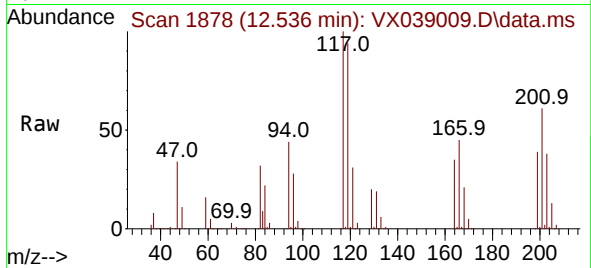
#90
Hexachloroethane
Concen: 47.651 ug/l
RT: 12.536 min Scan# 117
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS

Tgt Ion:117 Resp: 63380
Ion Ratio Lower Upper
117 100
201 64.4 32.9 98.6

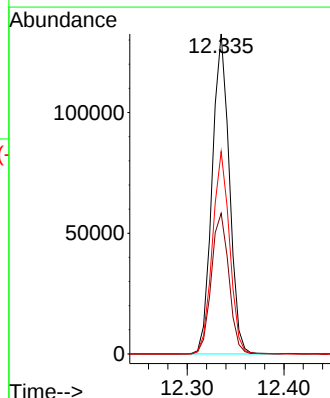
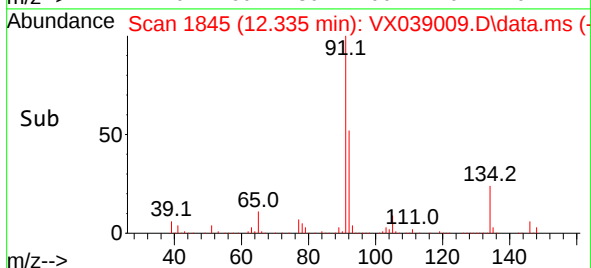
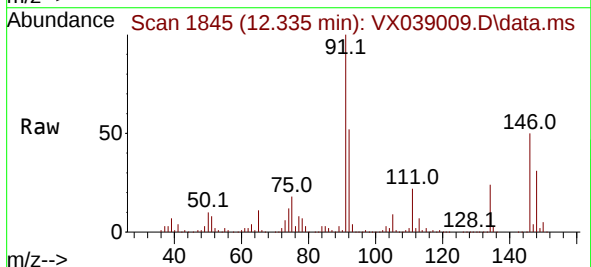
Manual Integrations
APPROVED

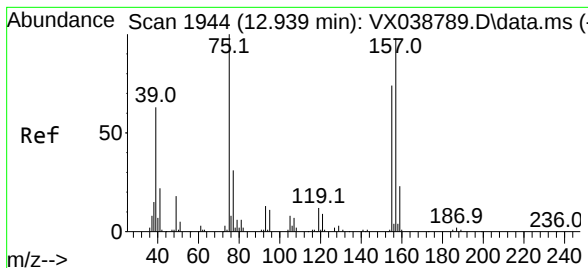
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#91
1,2-Dichlorobenzene
Concen: 51.156 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

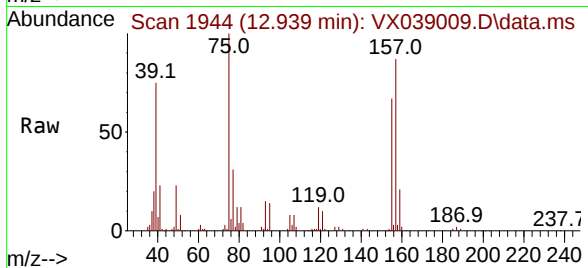
Tgt Ion:146 Resp: 163551
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.0
148 63.1 31.6 95.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 50.332 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41

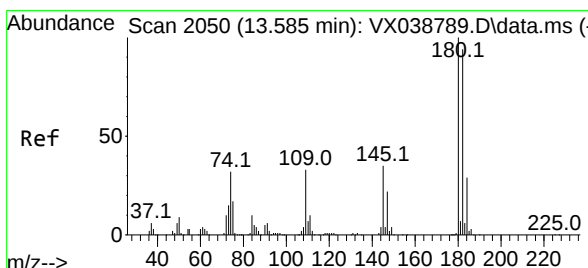
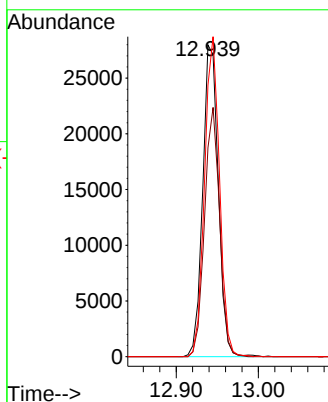
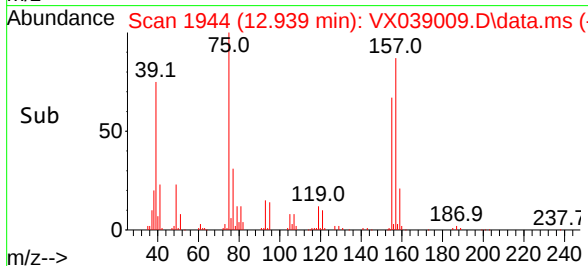
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MS



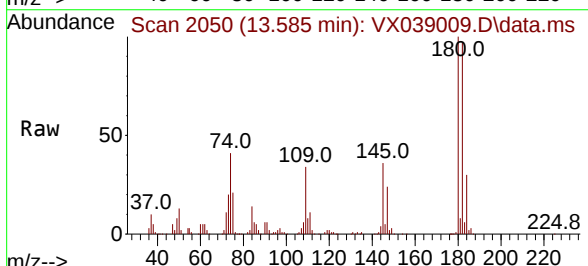
Tgt Ion: 75 Resp: 3687
Ion Ratio Lower Upper
75 100
155 76.8 36.1 108.5
157 98.4 44.9 134.7

Manual Integrations
APPROVED

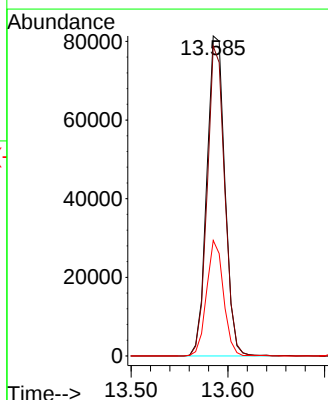
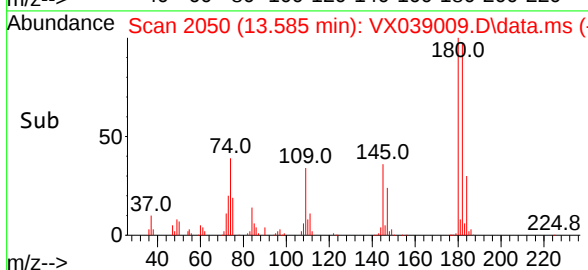
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

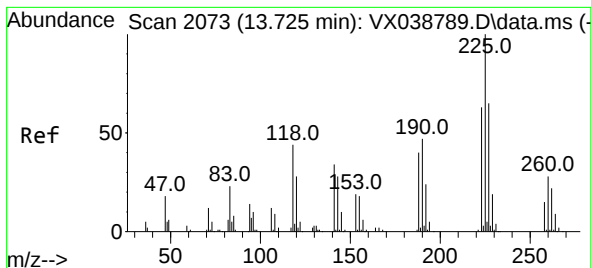


#93
1,2,4-Trichlorobenzene
Concen: 49.246 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039009.D
Acq: 22 Nov 2023 17:41



Tgt Ion:180 Resp: 105505
Ion Ratio Lower Upper
180 100
182 94.4 48.3 144.8
145 34.0 18.0 54.0





#94

Hexachlorobutadiene

Concen: 46.841 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MS

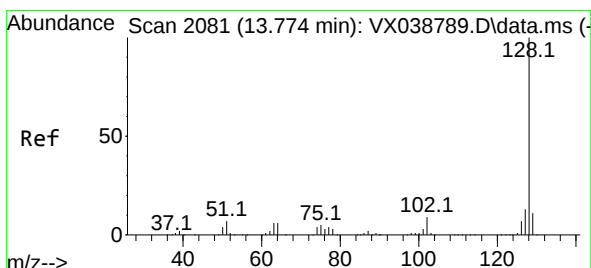
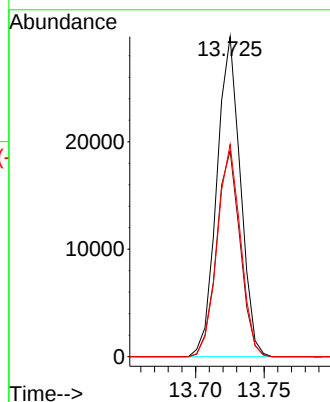
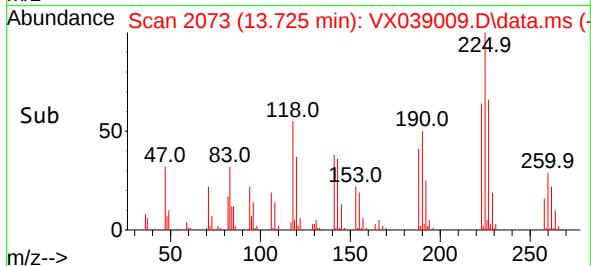
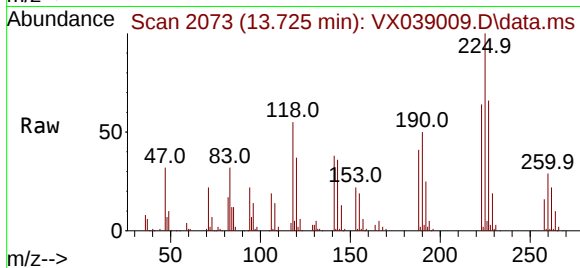
Tgt Ion:	225	Resp:	3553
Ion Ratio	Lower	Upper	
225	100		
223	64.2	31.1	93.2
227	65.5	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#95

Naphthalene

Concen: 48.758 ug/l

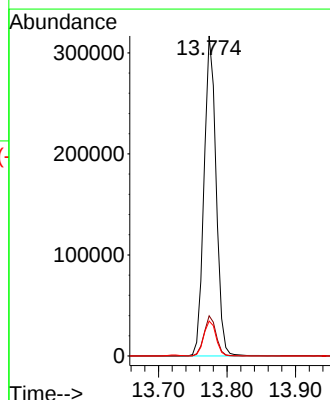
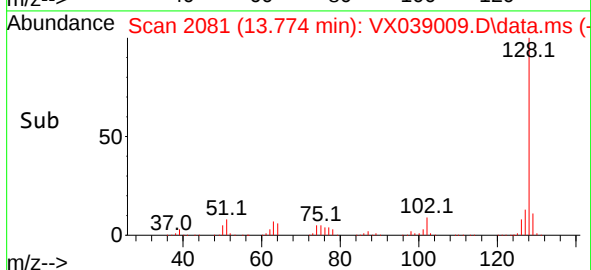
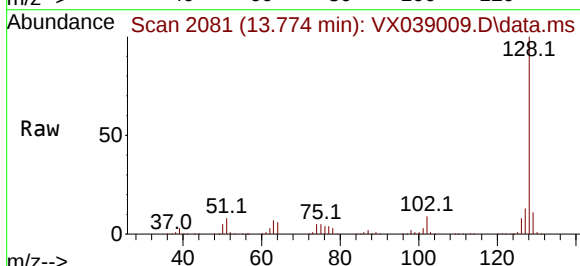
RT: 13.774 min Scan# 2081

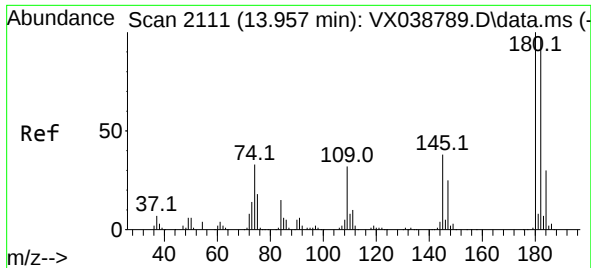
Delta R.T. 0.000 min

Lab File: VX039009.D

Acq: 22 Nov 2023 17:41

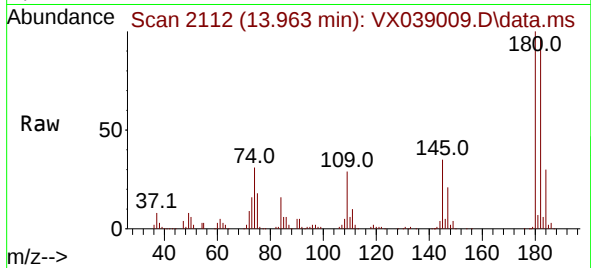
Tgt Ion:	128	Resp:	389053
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	11.1	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 50.288 ug/l
 RT: 13.963 min Scan# 2111
 Delta R.T. 0.006 min
 Lab File: VX039009.D
 Acq: 22 Nov 2023 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20231114MS



Tgt Ion:180 Resp: 102130
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.9 140.6
 145 36.3 17.8 53.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023

