

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079399.D
 Acq On : 04 Oct 2023 13:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 02:18:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	156007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	254961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119163	56.584	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.160%			
35) Dibromofluoromethane	8.171	113	93187	50.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.720%			
50) Toluene-d8	10.571	98	332264	48.900	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.800%			
62) 4-Bromofluorobenzene	12.853	95	112884	52.083	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	77870	50.446	ug/l	98
3) Chloromethane	2.365	50	100819	49.754	ug/l	99
4) Vinyl Chloride	2.518	62	121248	54.915	ug/l	95
5) Bromomethane	2.936	94	69333	54.630	ug/l	99
6) Chloroethane	3.112	64	85694	60.894	ug/l	100
7) Trichlorofluoromethane	3.494	101	159182	49.235	ug/l	99
8) Diethyl Ether	3.959	74	60745	54.131	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	92440	53.762	ug/l	99
10) Methyl Iodide	4.594	142	103013	73.241	ug/l	95
11) Tert butyl alcohol	5.530	59	89967	231.395	ug/l	98
12) 1,1-Dichloroethene	4.336	96	84562	50.822	ug/l	87
13) Acrolein	4.177	56	135359	364.971	ug/l	98
14) Allyl chloride	5.024	41	136397	51.388	ug/l #	89
15) Acrylonitrile	5.724	53	304618	302.155	ug/l	99
16) Acetone	4.430	43	274332	306.720	ug/l	94
17) Carbon Disulfide	4.712	76	191729	36.869	ug/l	100
18) Methyl Acetate	5.030	43	239352	65.114	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	334068	58.542	ug/l	94
20) Methylene Chloride	5.277	84	114910	52.795	ug/l #	84
21) trans-1,2-Dichloroethene	5.788	96	95909	49.689	ug/l #	79
22) Diisopropyl ether	6.677	45	377989	64.904	ug/l #	90
23) Vinyl Acetate	6.606	43	1073303	299.628	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	211947	59.036	ug/l	95
25) 2-Butanone	7.488	43	405276	312.299	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	155163	52.667	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	121437	55.022	ug/l	85
28) Bromochloromethane	7.818	49	101681	62.642	ug/l #	73
29) Tetrahydrofuran	7.841	42	266268	322.421	ug/l #	74
30) Chloroform	7.971	83	224977	60.188	ug/l	94
31) Cyclohexane	8.265	56	151457	49.255	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	182471	57.268	ug/l	94
36) 1,1-Dichloropropene	8.377	75	148472	52.053	ug/l	95
37) Ethyl Acetate	7.565	43	164912	57.966	ug/l #	89
38) Carbon Tetrachloride	8.365	117	153033	51.846	ug/l	99
39) Methylcyclohexane	9.606	83	135437	48.137	ug/l #	86
40) Benzene	8.612	78	463585	53.092	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	85776	59.797	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	174681	58.111	ug/l	99
43) Isopropyl Acetate	8.694	43	269826	58.126	ug/l #	90
44) Trichloroethene	9.359	130	105612	49.099	ug/l	99
45) 1,2-Dichloropropane	9.629	63	129208	59.625	ug/l	96
46) Dibromomethane	9.712	93	84274	57.287	ug/l	94
47) Bromodichloromethane	9.894	83	181305	60.173	ug/l	99
48) Methyl methacrylate	9.688	41	126231	60.709	ug/l #	82
49) 1,4-Dioxane	9.700	88	47104	1101.401	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	869176	322.548	ug/l	89
52) Toluene	10.635	92	289133	53.882	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	175838	55.346	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	191553	56.371	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	122390	58.127	ug/l	98
56) Ethyl methacrylate	10.876	69	177099	59.584	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	212893	58.489	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	346975	274.530	ug/l	89
59) 2-Hexanone	11.200	43	620926	318.138	ug/l	88
60) Dibromochloromethane	11.365	129	125968	56.213	ug/l	97
61) 1,2-Dibromoethane	11.470	107	115716	55.069	ug/l	98
64) Tetrachloroethene	11.106	164	86718	46.645	ug/l	96
65) Chlorobenzene	11.894	112	297735	51.548	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	117875	54.424	ug/l	97
67) Ethyl Benzene	11.970	91	547051	55.373	ug/l	99
68) m/p-Xylenes	12.076	106	412533	112.028	ug/l	96
69) o-Xylene	12.406	106	200753	56.843	ug/l	95
70) Styrene	12.417	104	341089	60.050	ug/l	98
71) Bromoform	12.582	173	85186	53.277	ug/l #	98
73) Isopropylbenzene	12.700	105	518162	49.755	ug/l	99
74) N-amyl acetate	12.500	43	212456	53.772	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	185615	47.864	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	141928m	46.007	ug/l	
77) Bromobenzene	12.982	156	120497	45.695	ug/l	94
78) n-propylbenzene	13.041	91	614742	52.548	ug/l	97
79) 2-Chlorotoluene	13.129	91	370704	48.448	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	437515	50.419	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	50608	45.100	ug/l #	83
82) 4-Chlorotoluene	13.223	91	361921	50.339	ug/l	99
83) tert-Butylbenzene	13.441	119	353528	49.247	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	431139	52.170	ug/l	99
85) sec-Butylbenzene	13.617	105	509353	51.539	ug/l	99
86) p-Isopropyltoluene	13.735	119	403503	51.105	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	212318	49.089	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	205595	47.042	ug/l	99
89) n-Butylbenzene	14.059	91	326227	52.542	ug/l	97
90) Hexachloroethane	14.335	117	81533	50.850	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	209253	49.009	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28530	48.395	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	66757	43.508	ug/l	97
94) Hexachlorobutadiene	15.505	225	46252	38.320	ug/l	99
95) Naphthalene	15.647	128	179203	39.324	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	72974	40.319	ug/l	97

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

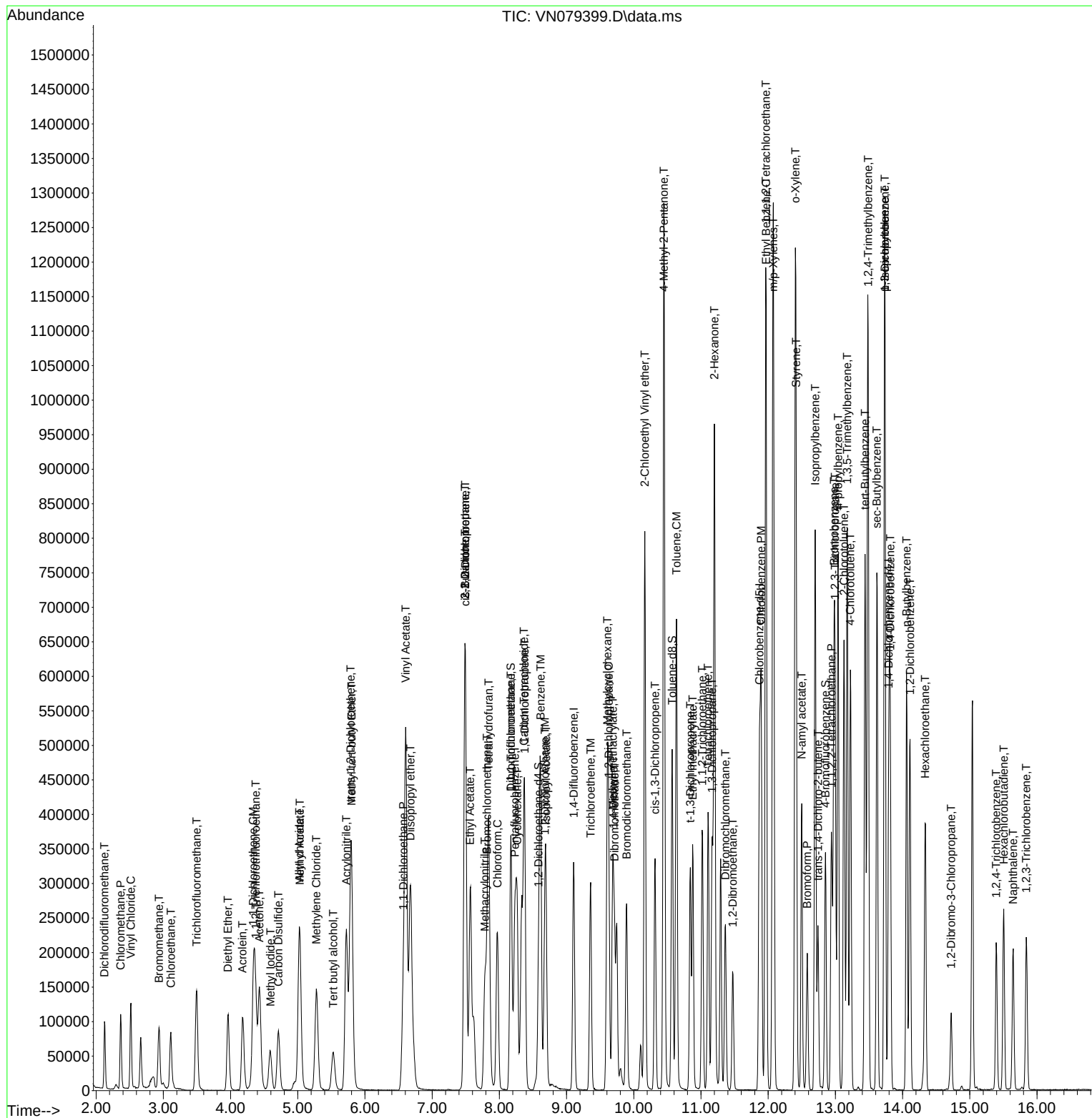
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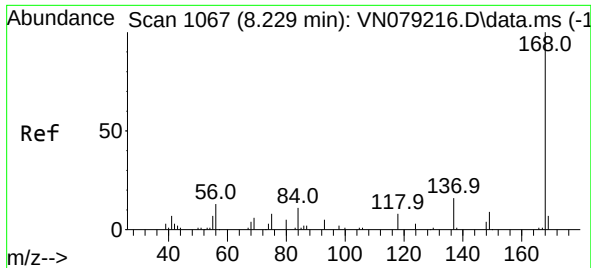
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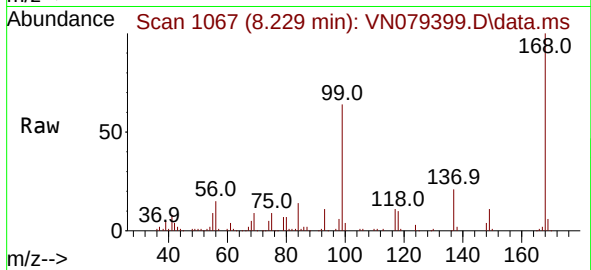
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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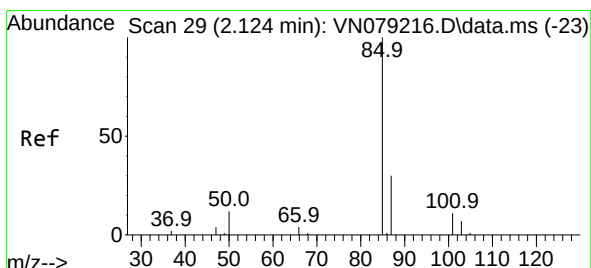
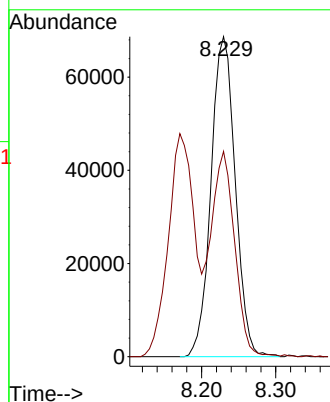
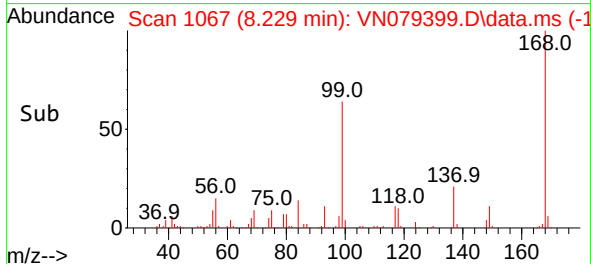
Instrument :
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VSTDCCC050



Tgt Ion:168 Resp: 15600
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6

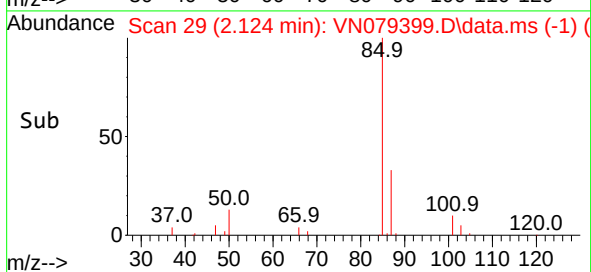
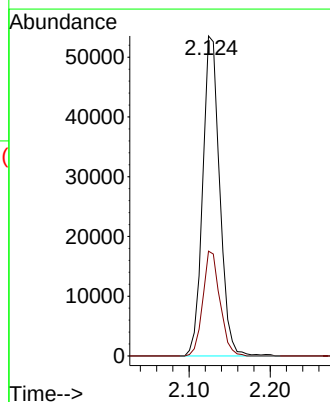
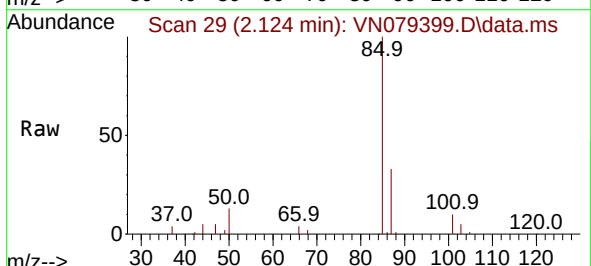
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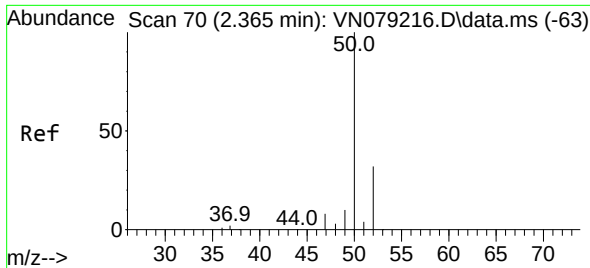
Reviewed By :John Carlone 10/05/2023
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#2
Dichlorodifluoromethane
Concen: 50.446 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Tgt Ion: 85 Resp: 77870
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4





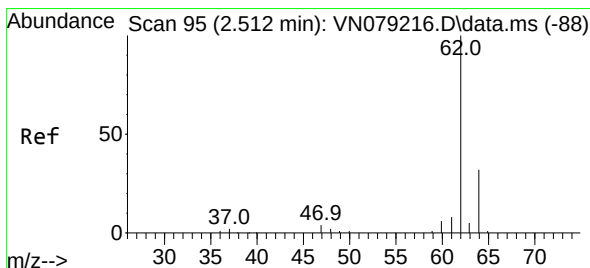
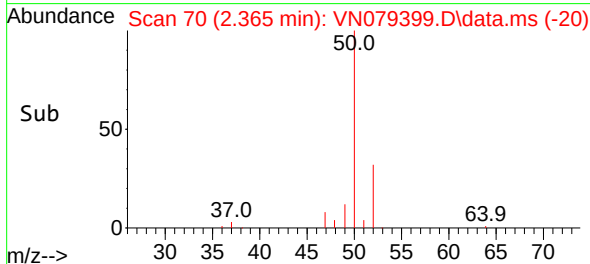
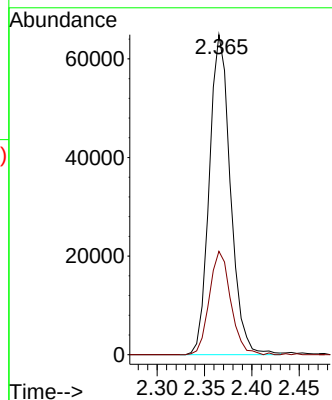
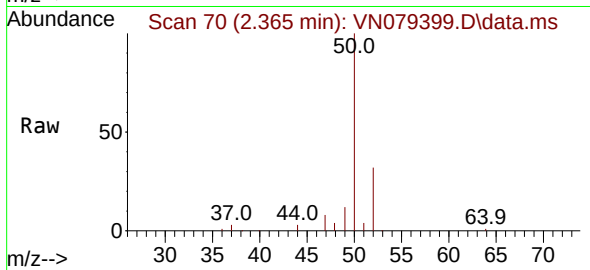
#3
Chloromethane
Concen: 49.754 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Instrument :
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Tgt Ion: 50 Resp: 100819
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

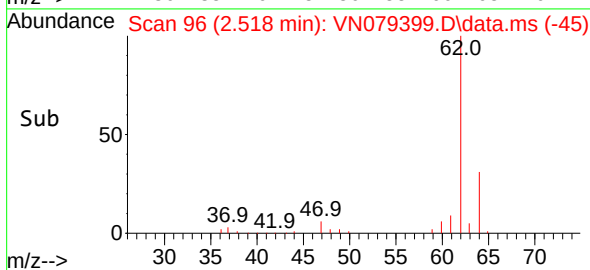
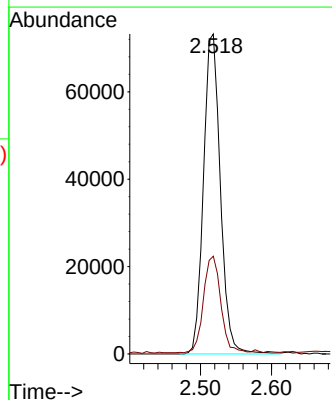
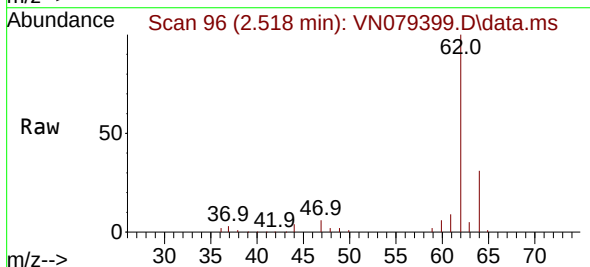
Manual Integrations
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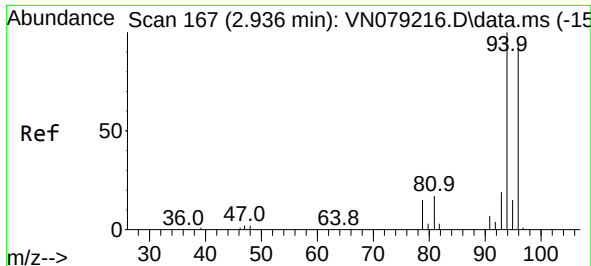
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#4
Vinyl Chloride
Concen: 54.915 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

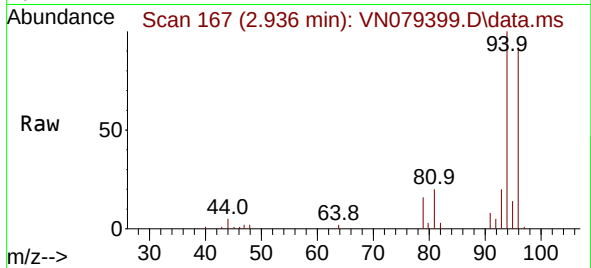
Tgt Ion: 62 Resp: 121248
Ion Ratio Lower Upper
62 100
64 30.1 26.2 39.2





#5
Bromomethane
Concen: 54.630 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

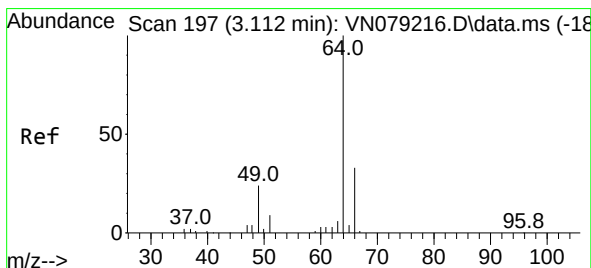
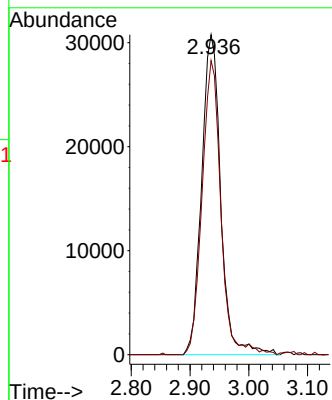
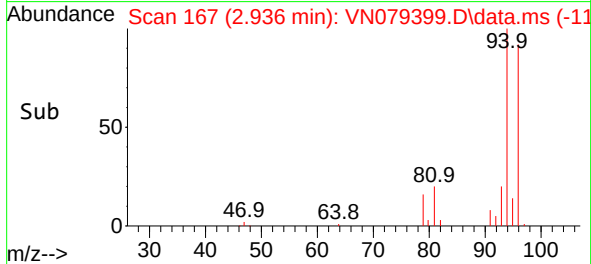
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Tgt Ion: 94 Resp: 6933
Ion Ratio Lower Upper
94 100
96 91.9 73.1 109.7

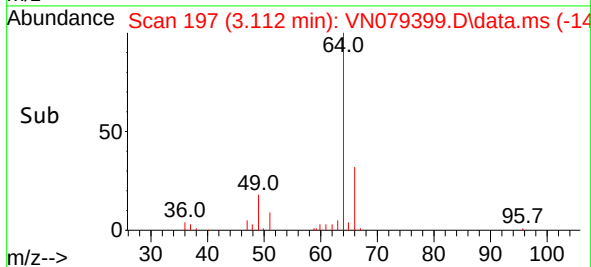
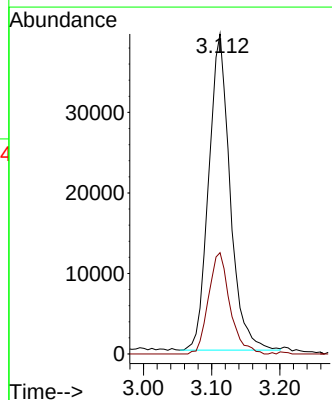
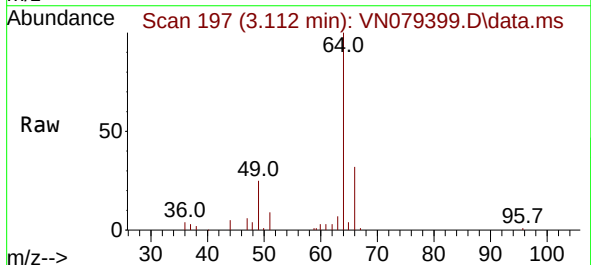
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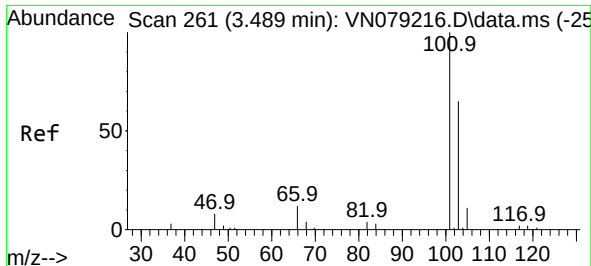
Reviewed By :John Carlone 10/05/2023
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#6
Chloroethane
Concen: 60.894 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

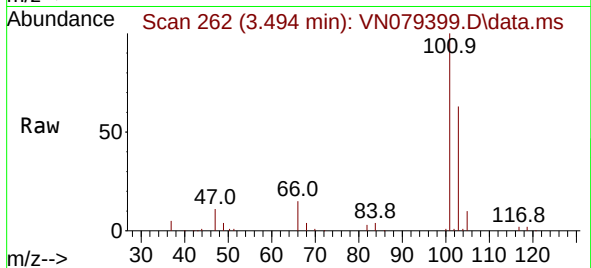
Tgt Ion: 64 Resp: 85694
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 49.235 ug/l
 RT: 3.494 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN079399.D
 Acq: 04 Oct 2023 13:04

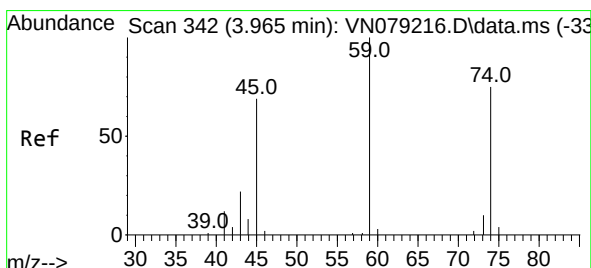
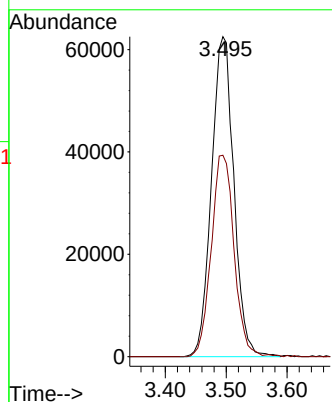
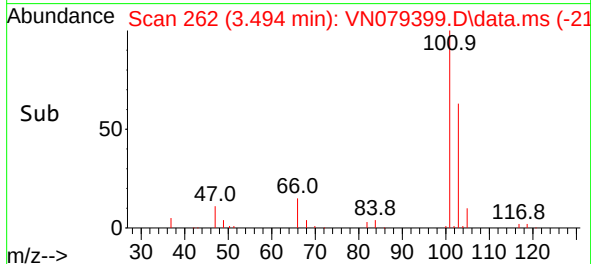
Instrument :
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Tgt Ion:101 Resp: 15918
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.7 76.1

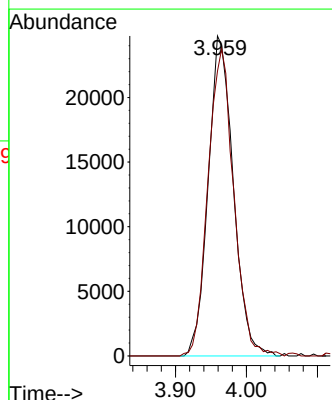
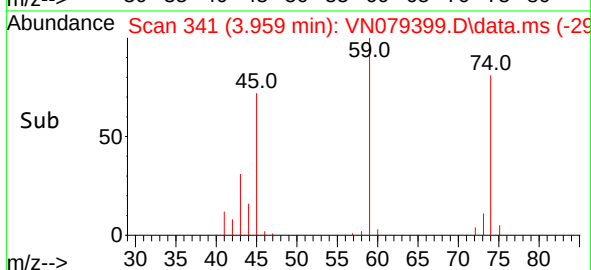
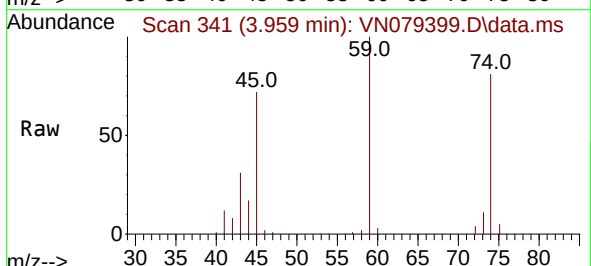
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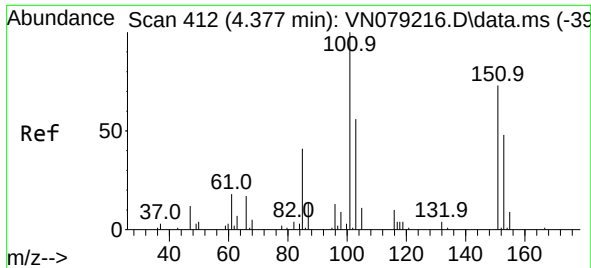
Reviewed By :John Carlone 10/05/2023
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#8
 Diethyl Ether
 Concen: 54.131 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.012 min
 Lab File: VN079399.D
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Tgt Ion: 74 Resp: 60745
 Ion Ratio Lower Upper
 74 100
 45 98.5 34.4 103.3





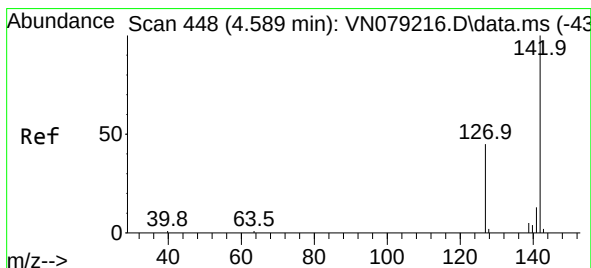
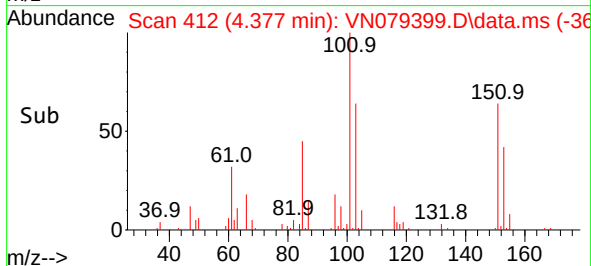
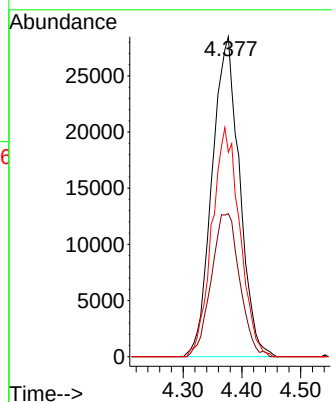
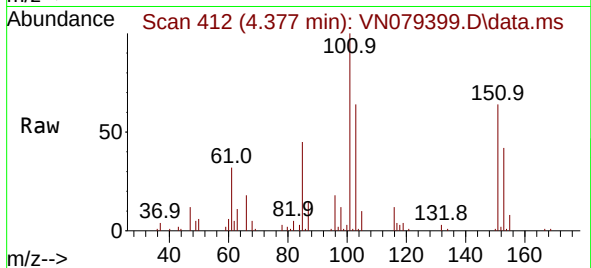
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.762 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 92440
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 72.5 57.6 86.4

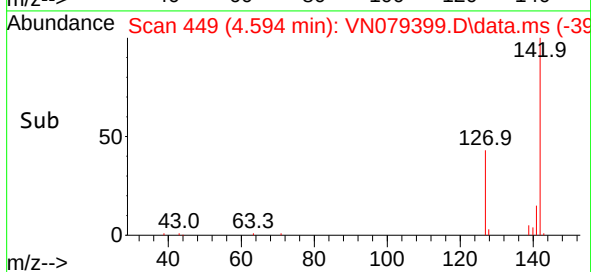
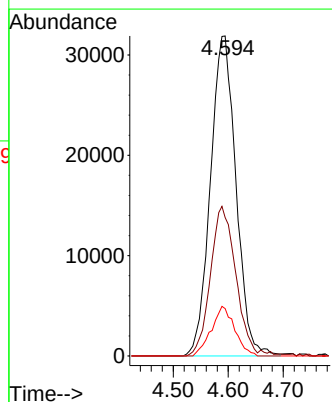
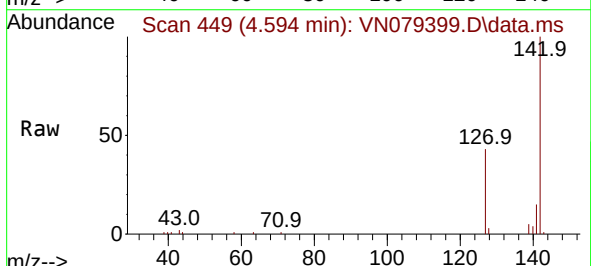
Manual Integrations
APPROVED

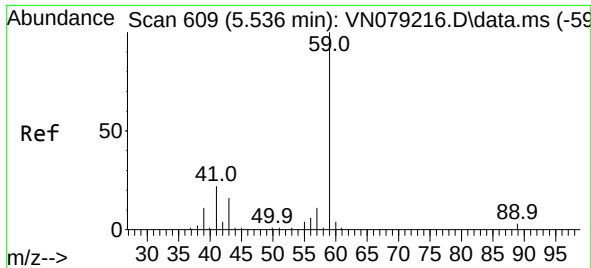
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#10
Methyl Iodide
Concen: 73.241 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Tgt Ion:142 Resp: 103013
Ion Ratio Lower Upper
142 100
127 43.3 37.6 56.4
141 14.8 11.4 17.0





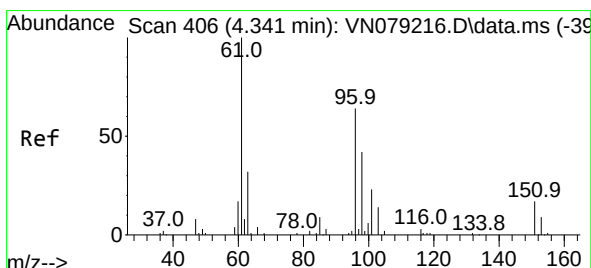
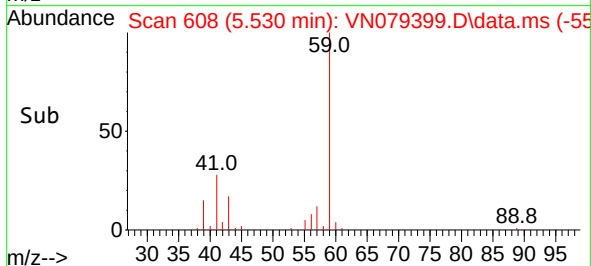
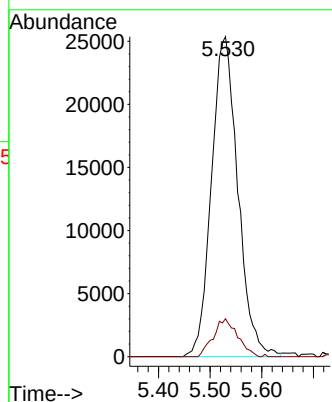
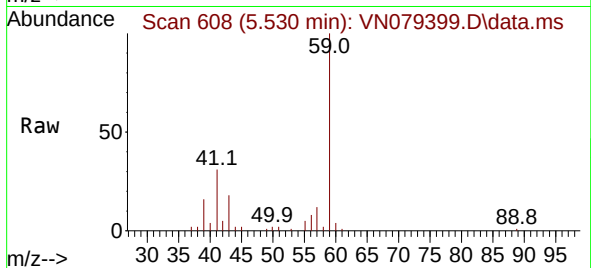
#11
Tert butyl alcohol
Concen: 231.395 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 8996
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

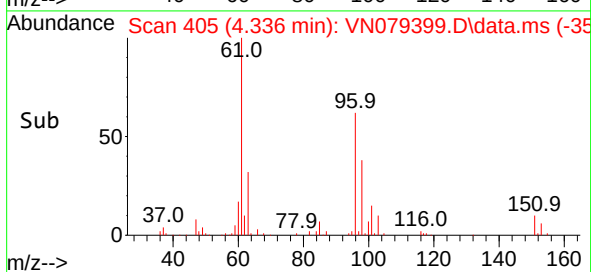
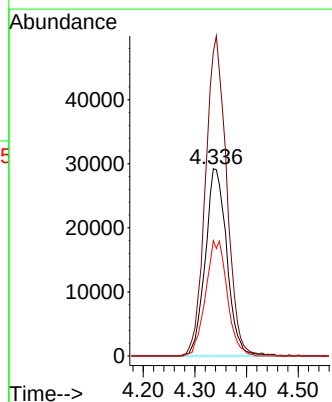
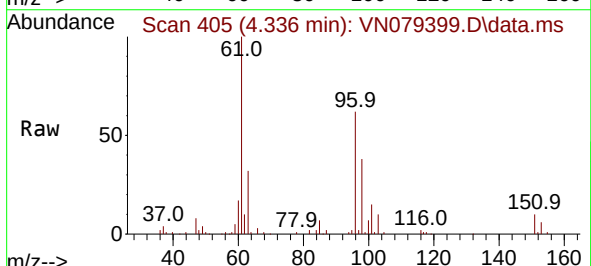
Manual Integrations
APPROVED

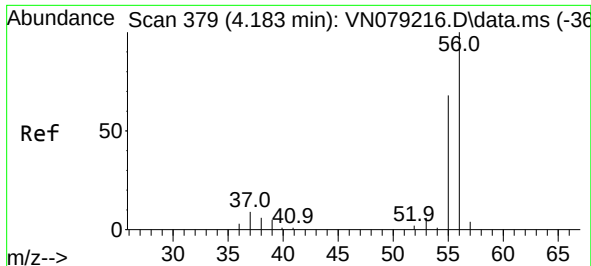
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#12
1,1-Dichloroethene
Concen: 50.822 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

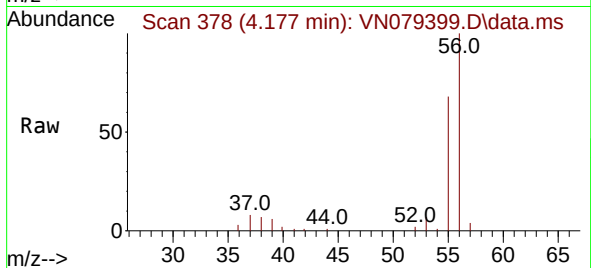
Tgt Ion: 96 Resp: 84562
Ion Ratio Lower Upper
96 100
61 162.4 112.7 169.1
98 61.6 51.2 76.8





#13
Acrolein
Concen: 364.971 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

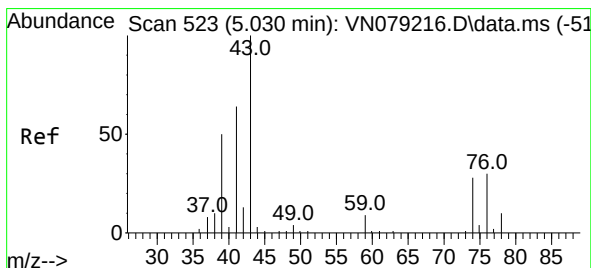
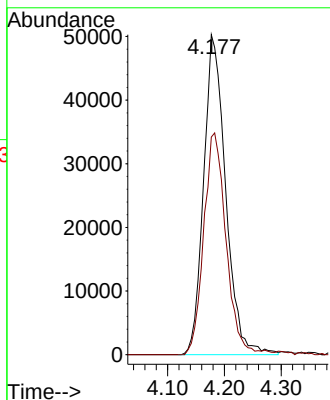
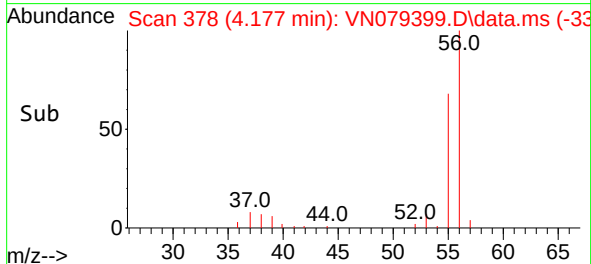
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 135359
Ion Ratio Lower Upper
56 100
55 69.7 54.5 81.7

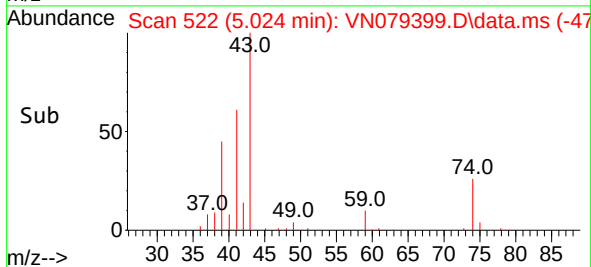
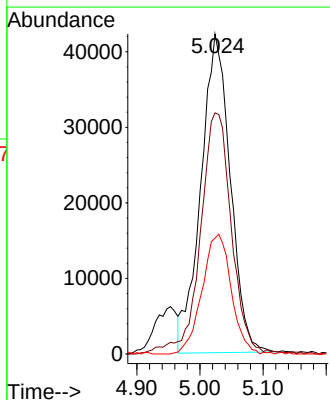
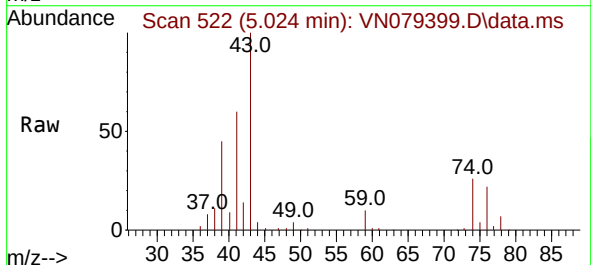
Manual Integrations
APPROVED

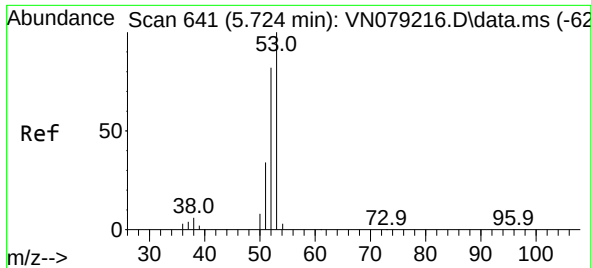
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#14
Allyl chloride
Concen: 51.388 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

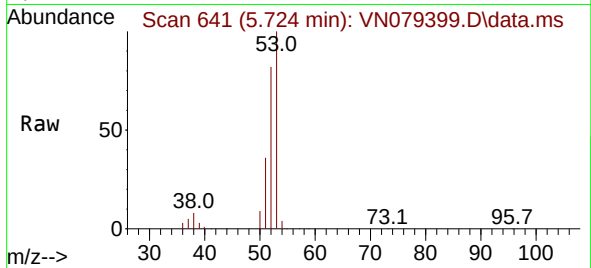
Tgt Ion: 41 Resp: 136397
Ion Ratio Lower Upper
41 100
39 79.8 58.8 88.2
76 37.3 39.1 58.7#





#15
Acrylonitrile
Concen: 302.155 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

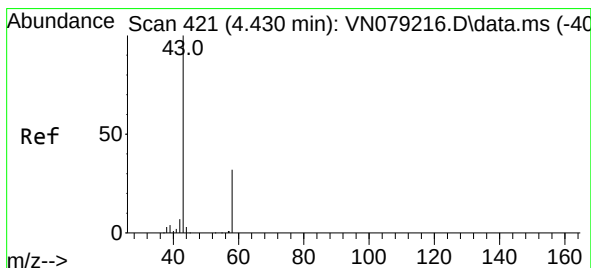
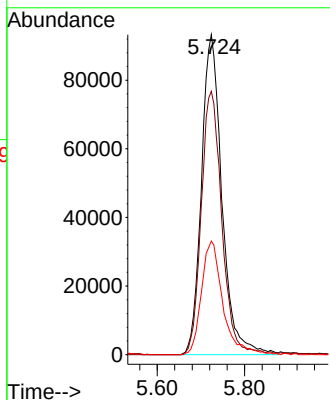
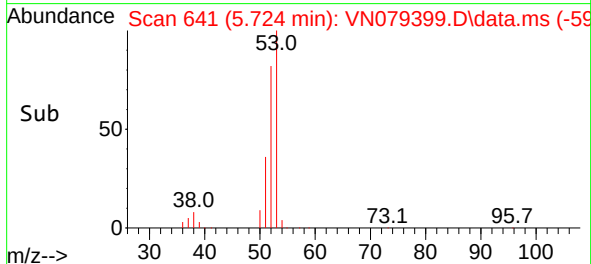
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 304618
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 37.0 28.9 43.3

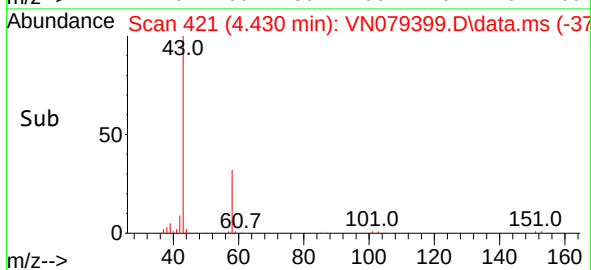
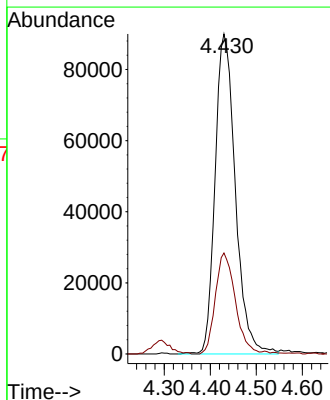
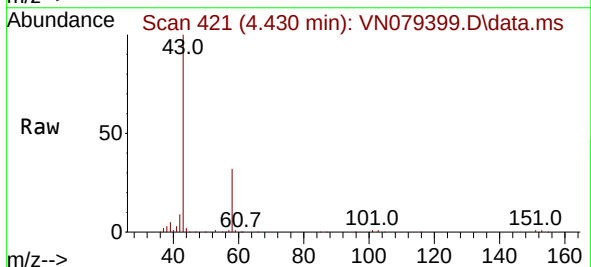
Manual Integrations
APPROVED

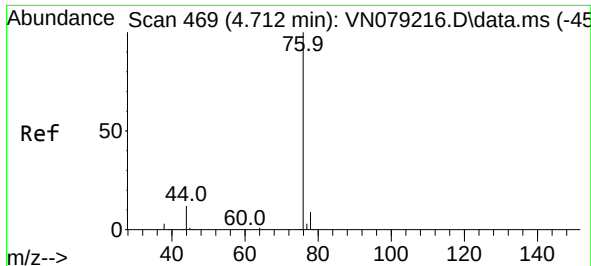
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#16
Acetone
Concen: 306.720 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

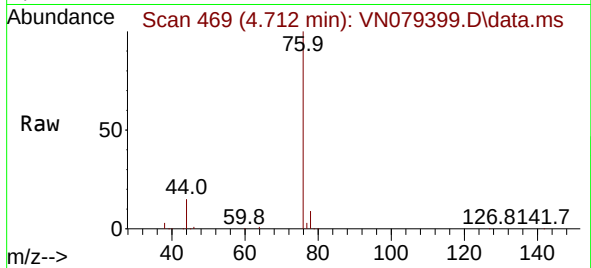
Tgt Ion: 43 Resp: 274332
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0





#17
Carbon Disulfide
Concen: 36.869 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

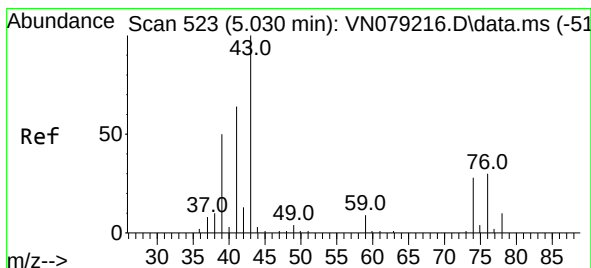
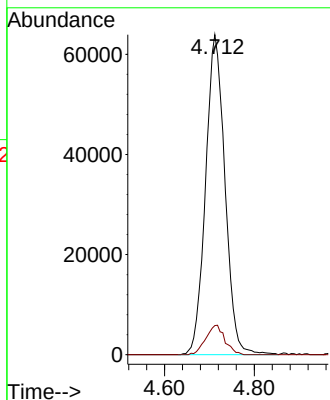
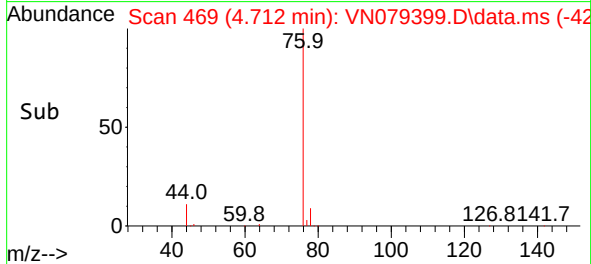
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



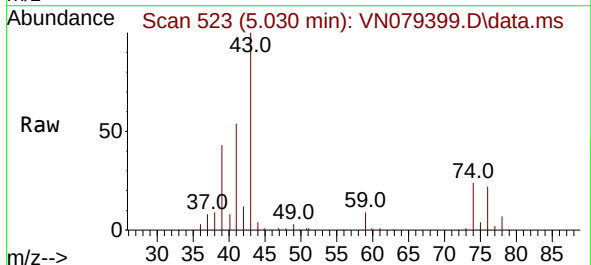
Tgt Ion: 76 Resp: 191729
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

Manual Integrations
APPROVED

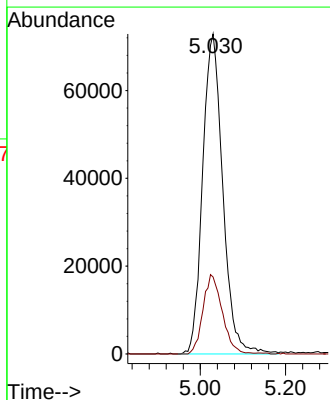
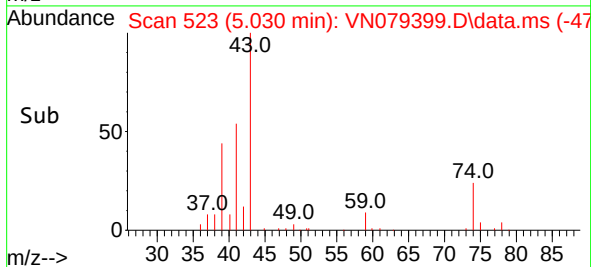
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

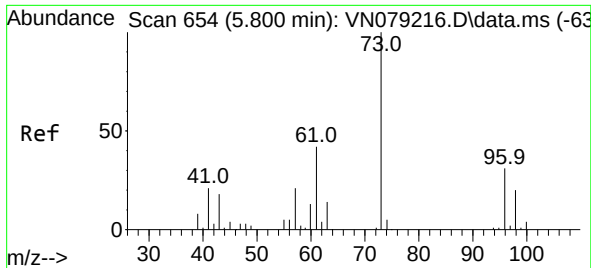


#18
Methyl Acetate
Concen: 65.114 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04



Tgt Ion: 43 Resp: 239352
Ion Ratio Lower Upper
43 100
74 23.6 26.2 39.4#





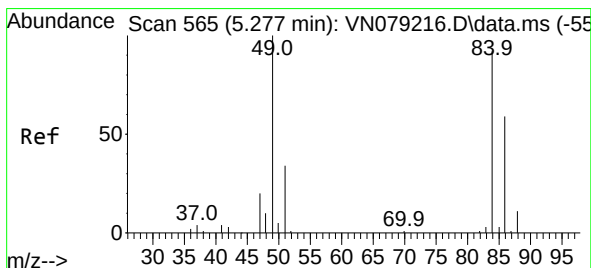
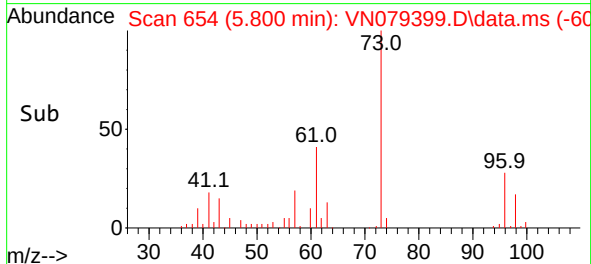
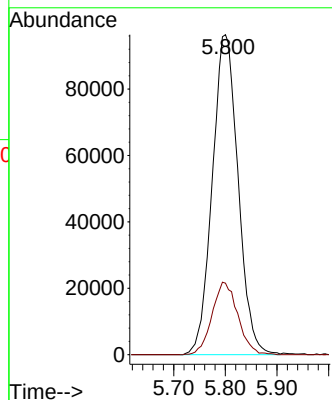
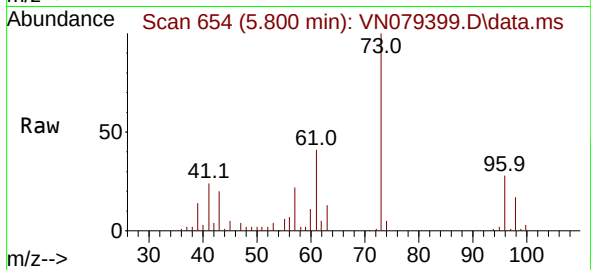
#19
Methyl tert-butyl Ether
Concen: 58.542 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 334068
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4

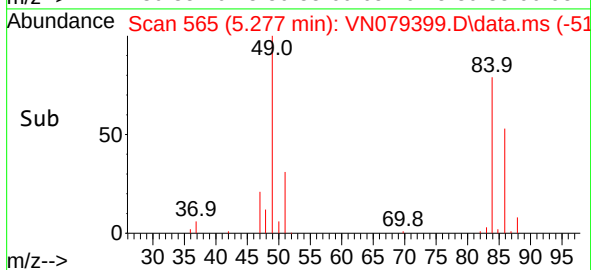
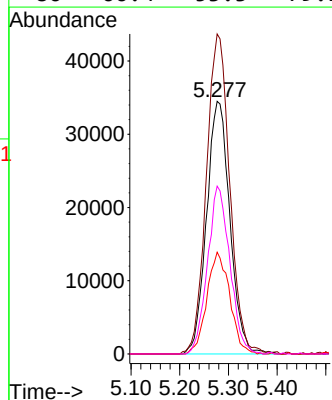
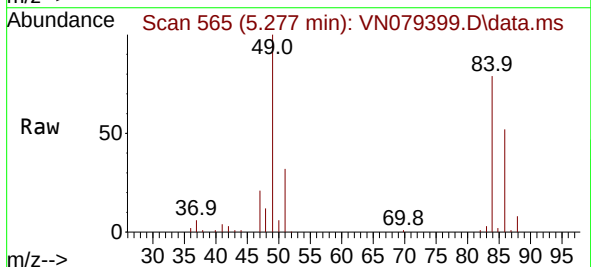
Manual Integrations
APPROVED

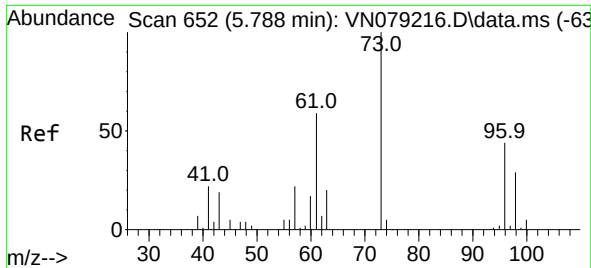
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#20
Methylene Chloride
Concen: 52.795 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Tgt Ion: 84 Resp: 114910
Ion Ratio Lower Upper
84 100
49 126.7 79.7 119.5#
51 40.3 25.2 37.8#
86 66.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 49.689 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

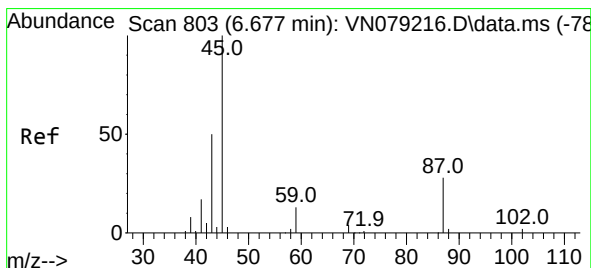
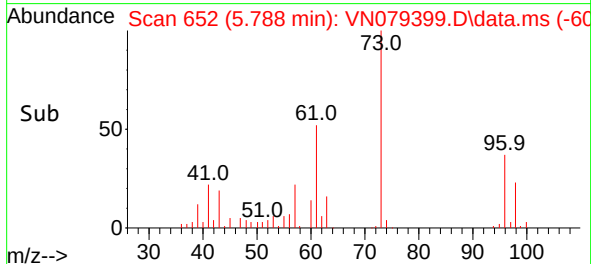
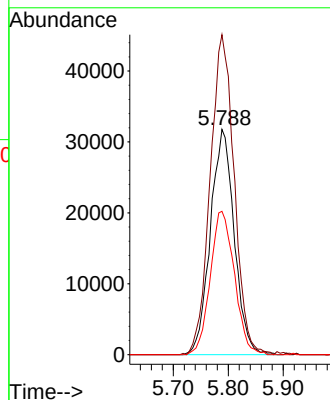
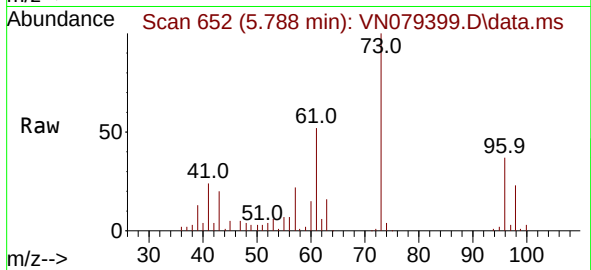
VSTDCCC050

Tgt Ion: 96 Resp: 95909
Ion Ratio Lower Upper
96 100
61 142.1 90.1 135.1
98 63.6 46.4 69.6

Manual Integrations

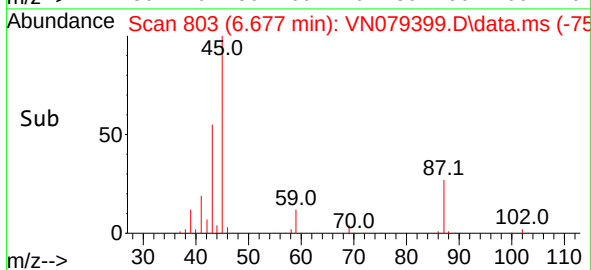
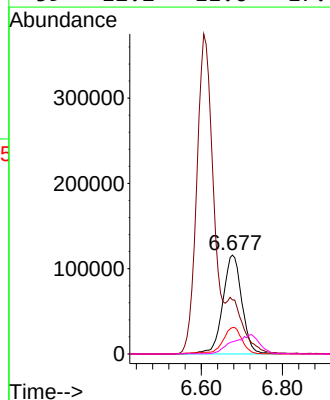
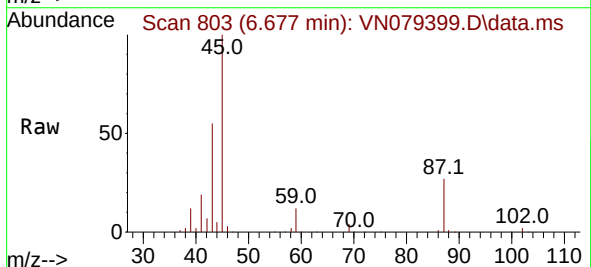
APPROVED

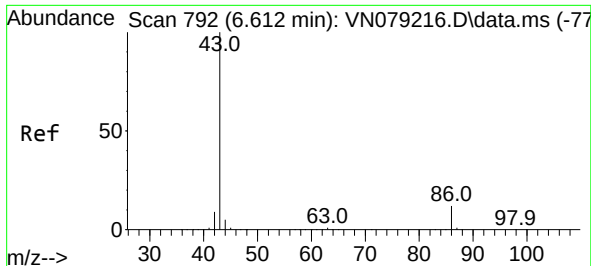
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#22
Diisopropyl ether
Concen: 64.904 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Tgt Ion: 45 Resp: 377989
Ion Ratio Lower Upper
45 100
43 53.9 45.5 68.3
87 26.7 31.8 47.8
59 12.2 11.6 17.4





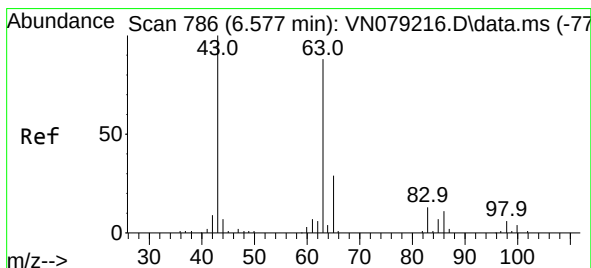
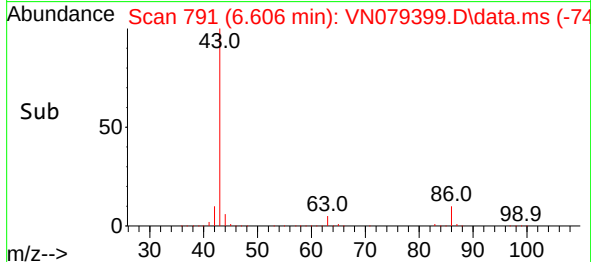
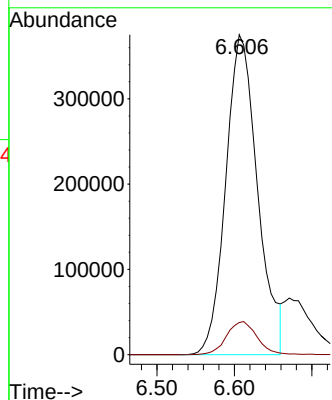
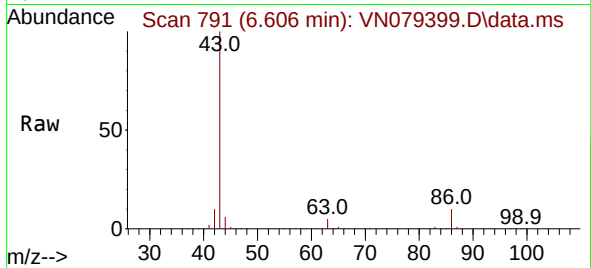
#23
 Vinyl Acetate
 Concen: 299.628 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079399.D
 Acq: 04 Oct 2023 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 107330
 Ion Ratio Lower Upper
 43 100
 86 10.1 13.0 19.6

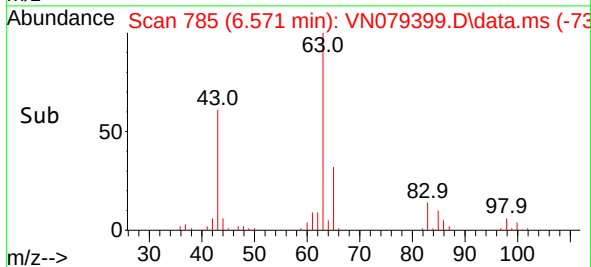
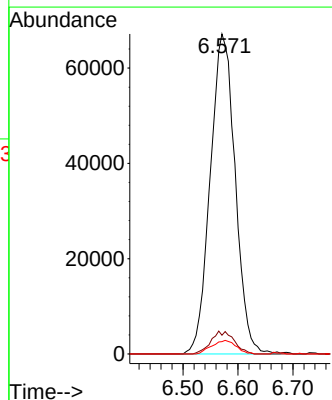
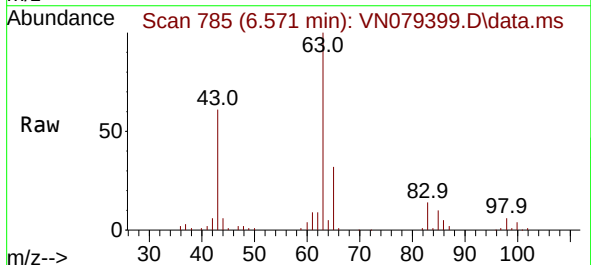
Manual Integrations
 APPROVED

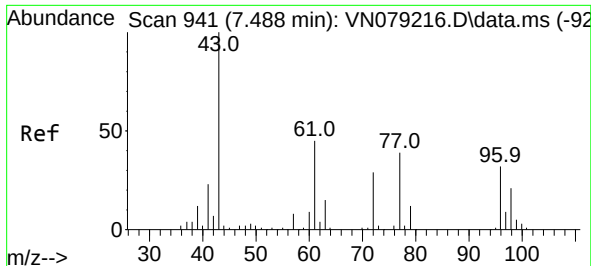
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#24
 1,1-Dichloroethane
 Concen: 59.036 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079399.D
 Acq: 04 Oct 2023 13:04

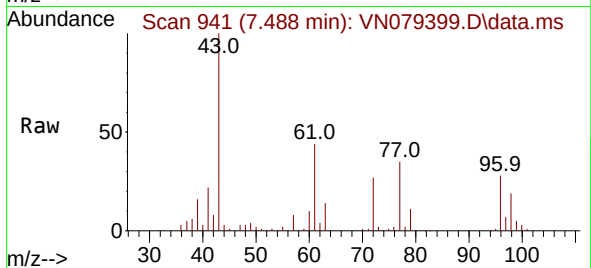
Tgt Ion: 63 Resp: 211947
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.9 11.7
 100 3.8 2.5 7.4





#25
2-Butanone
Concen: 312.299 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

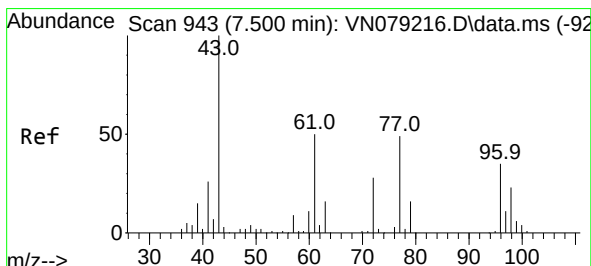
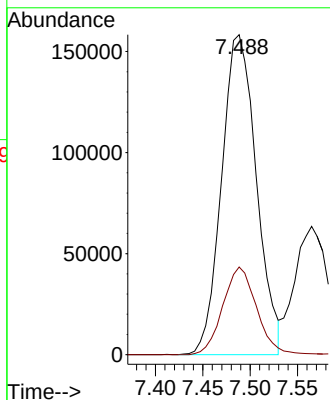
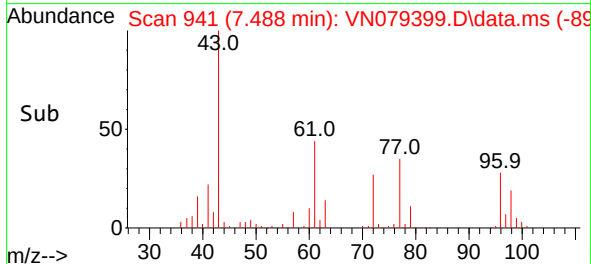
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



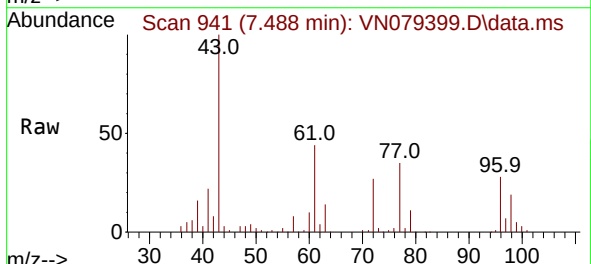
Tgt Ion: 43 Resp: 405270
Ion Ratio Lower Upper
43 100
72 27.4 30.2 45.2

Manual Integrations
APPROVED

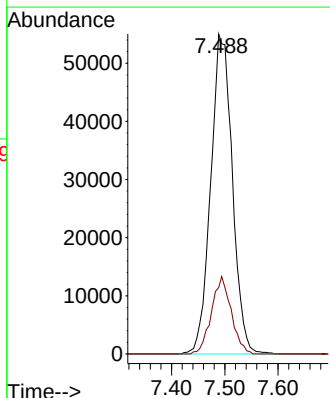
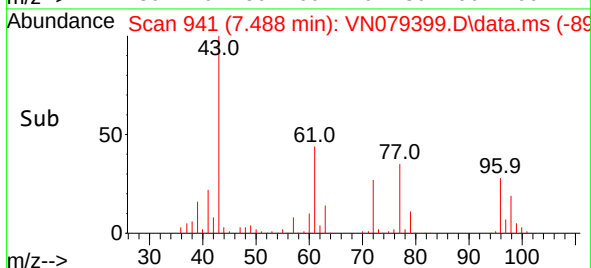
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

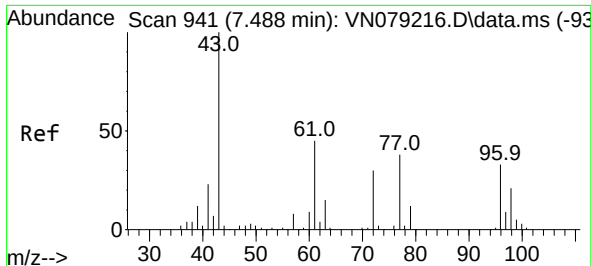


#26
2,2-Dichloropropane
Concen: 52.667 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.012 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04



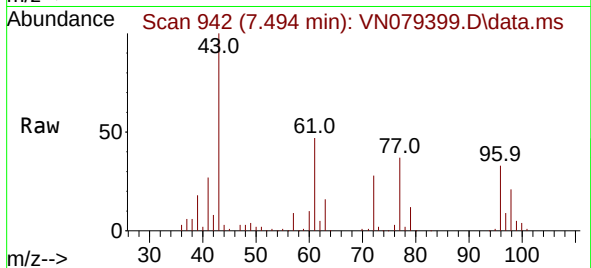
Tgt Ion: 77 Resp: 155163
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 55.022 ug/l
RT: 7.494 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

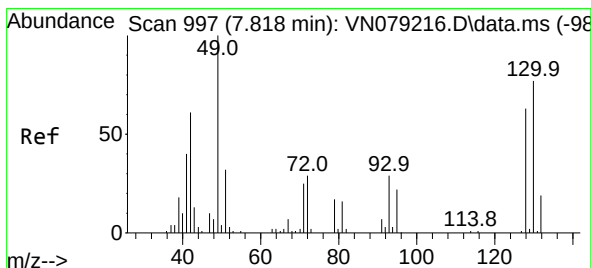
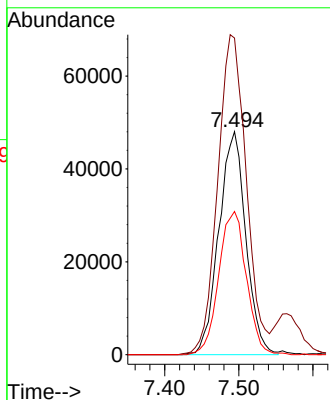
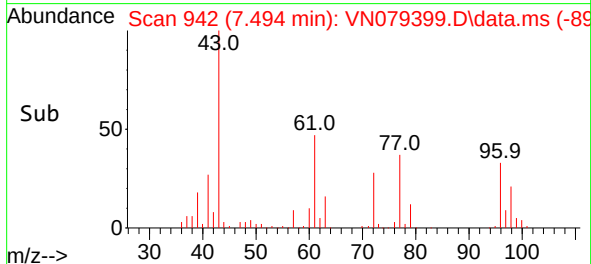
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 12143
Ion Ratio Lower Upper
96 100
61 152.1 0.0 255.2
98 65.9 0.0 128.8

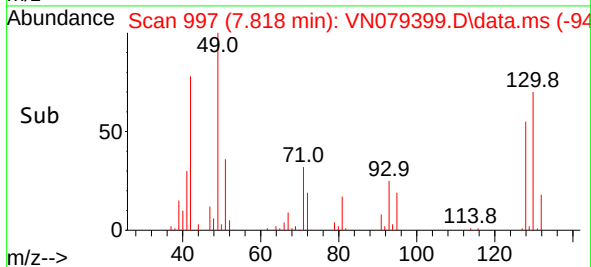
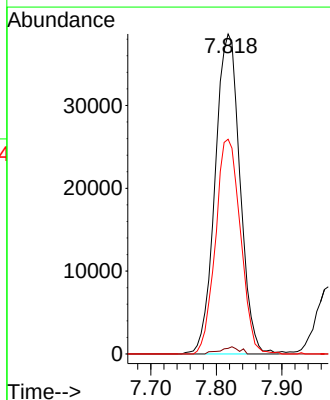
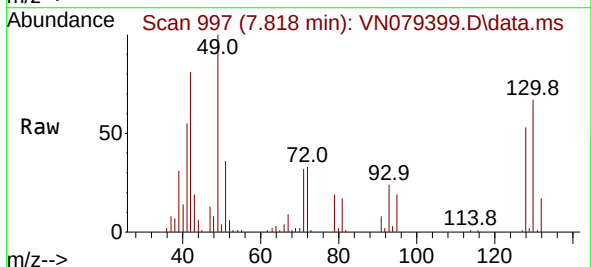
Manual Integrations
APPROVED

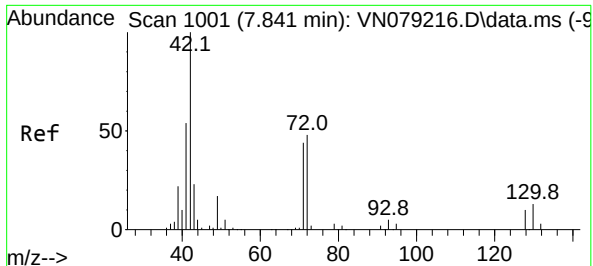
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#28
Bromochloromethane
Concen: 62.642 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Tgt Ion: 49 Resp: 101681
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.8
130 67.3 75.3 112.9#





#29

Tetrahydrofuran

Concen: 322.421 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN079399.D

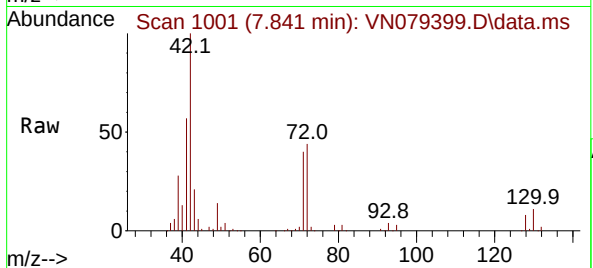
Acq: 04 Oct 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 266268

Ion Ratio Lower Upper

42 100

72 42.1 49.8 74.6

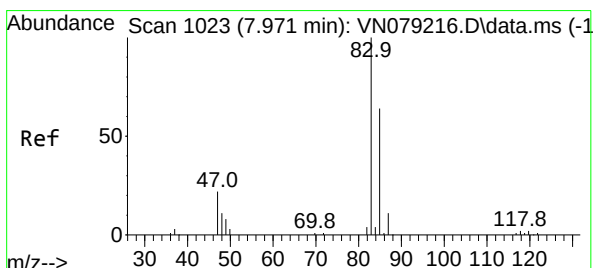
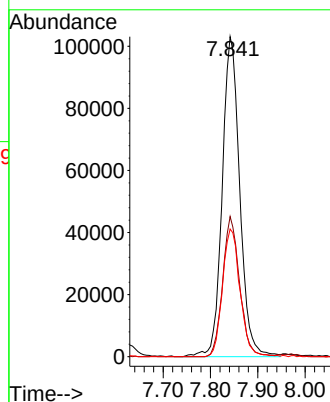
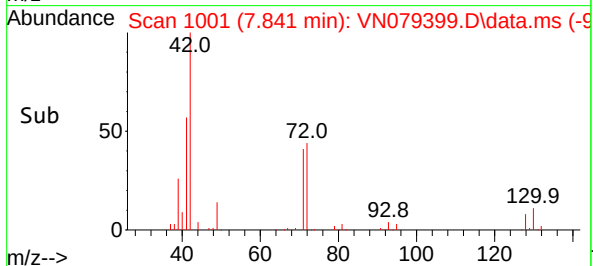
71 39.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#30

Chloroform

Concen: 60.188 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079399.D

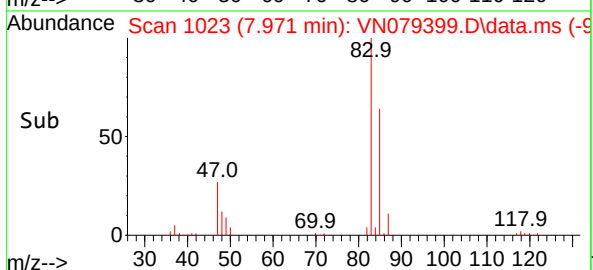
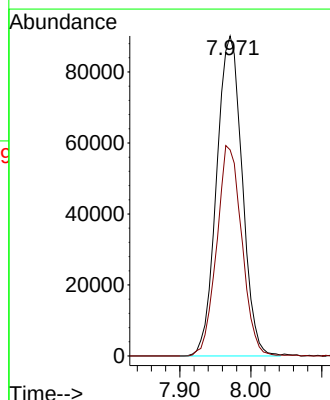
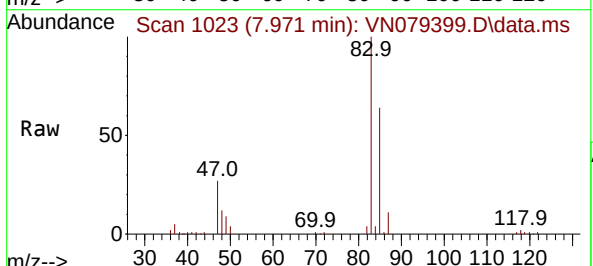
Acq: 04 Oct 2023 13:04

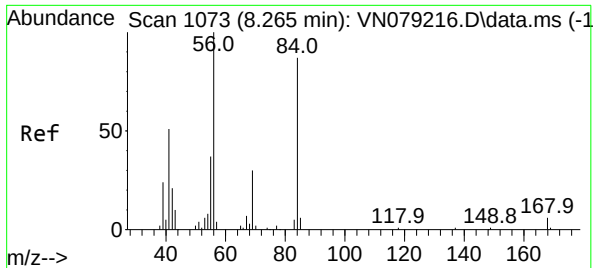
Tgt Ion: 83 Resp: 224977

Ion Ratio Lower Upper

83 100

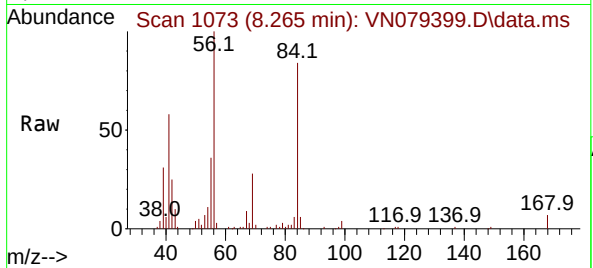
85 64.4 55.4 83.0





#31
Cyclohexane
Concen: 49.255 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

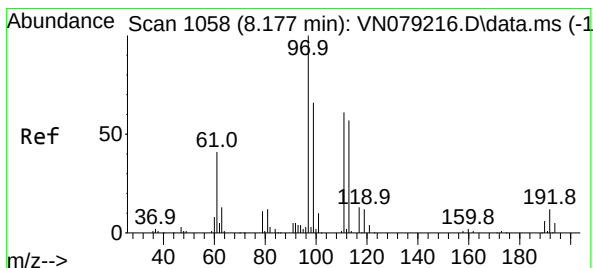
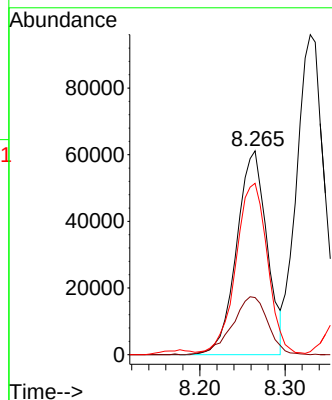
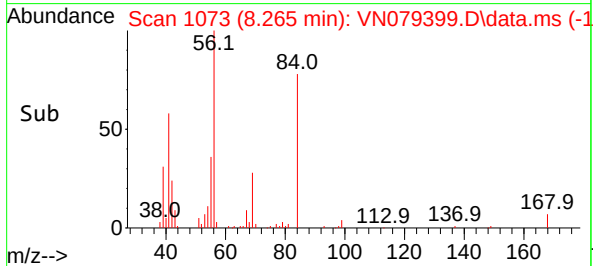
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 15145
Ion Ratio Lower Upper
56 100
69 28.0 26.8 40.2
84 81.6 81.8 122.6

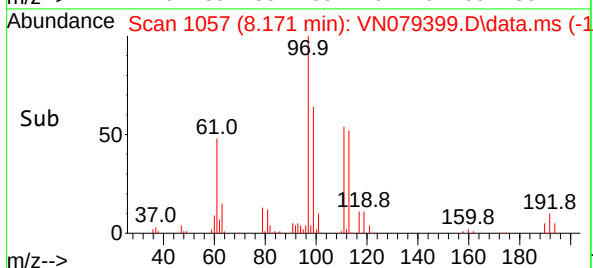
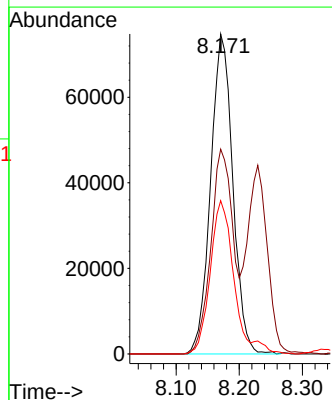
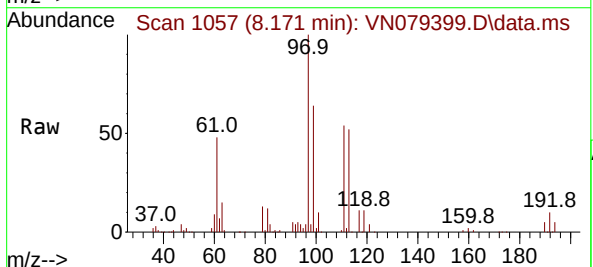
Manual Integrations
APPROVED

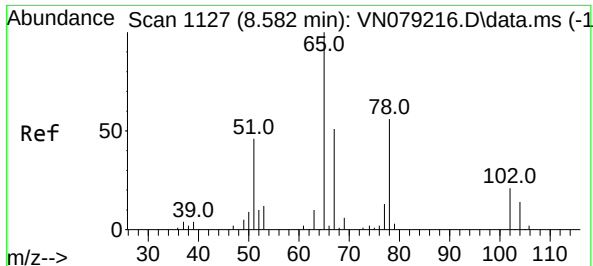
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#32
1,1,1-Trichloroethane
Concen: 57.268 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Tgt Ion: 97 Resp: 182471
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 51.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 56.584 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 11916

Ion Ratio Lower Upper

65 100

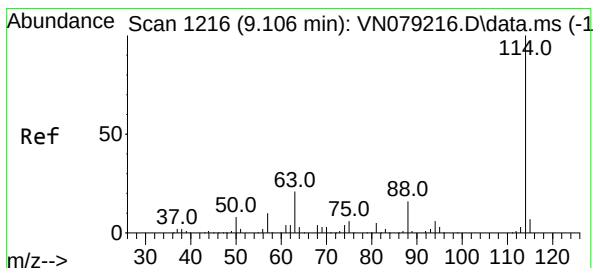
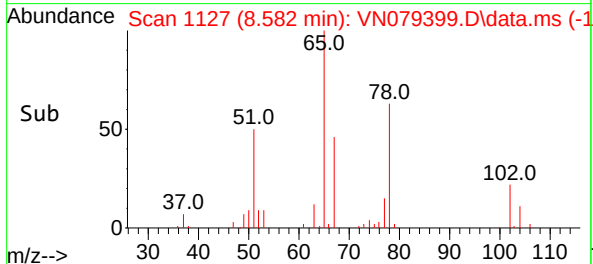
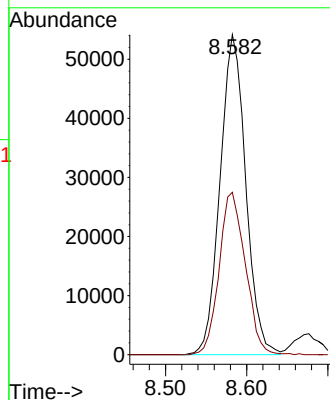
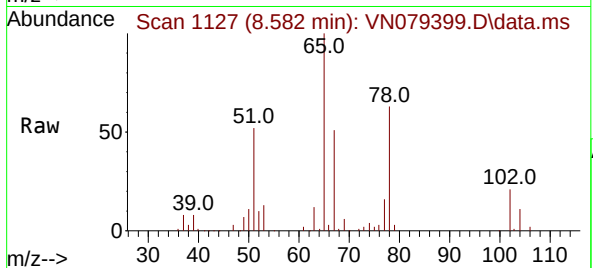
67 51.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

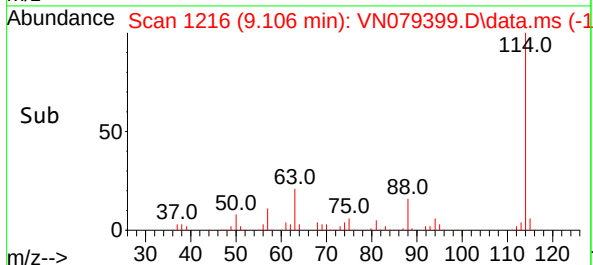
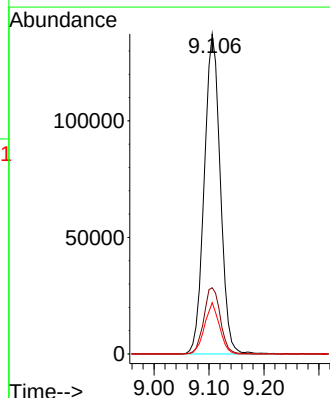
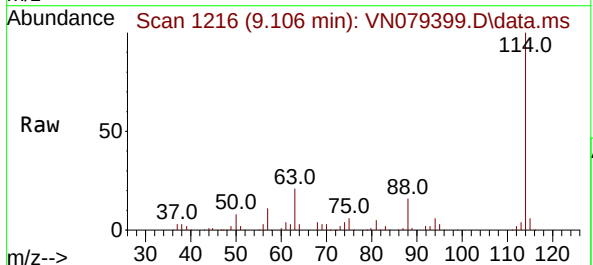
Tgt Ion:114 Resp: 278196

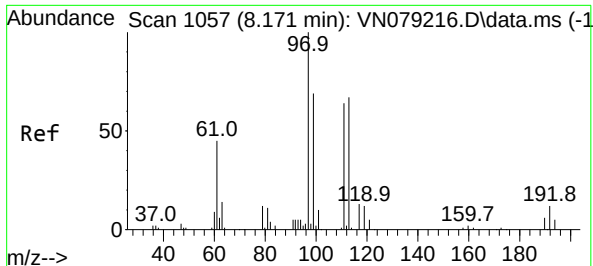
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.358 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 9318

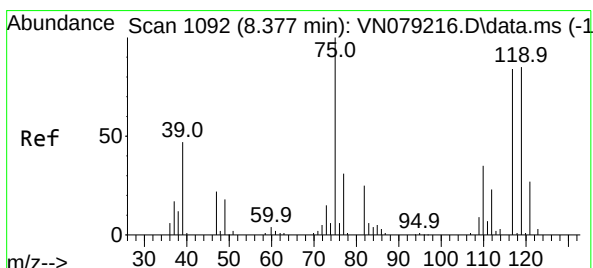
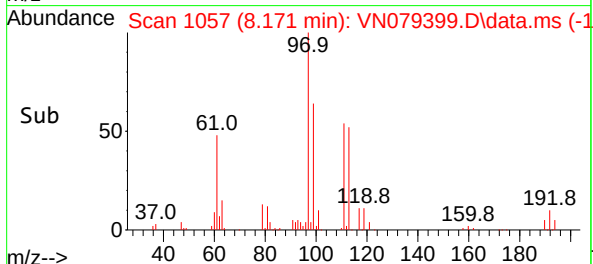
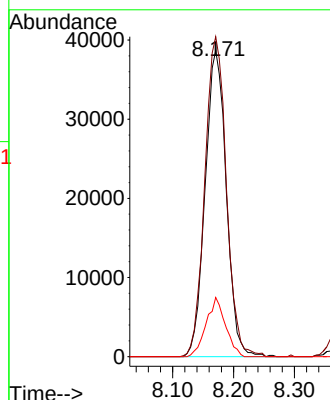
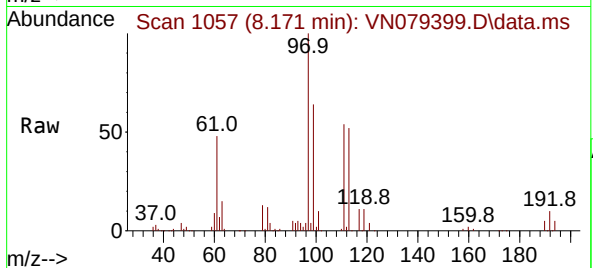
Ion	Ratio	Lower	Upper
113	100		
111	106.5	82.6	123.8
192	17.7	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 10/05/2023

Supervised By : Mahesh Dadoda 10/05/2023



#36

1,1-Dichloropropene

Concen: 52.053 ug/l

RT: 8.377 min Scan# 1092

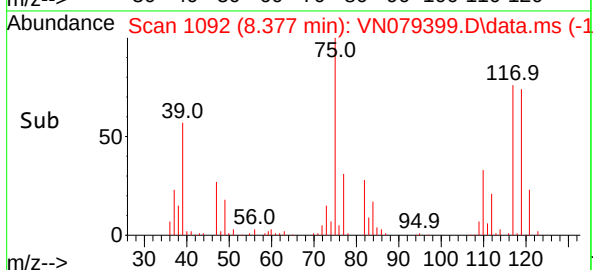
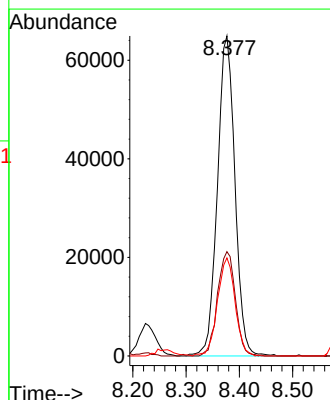
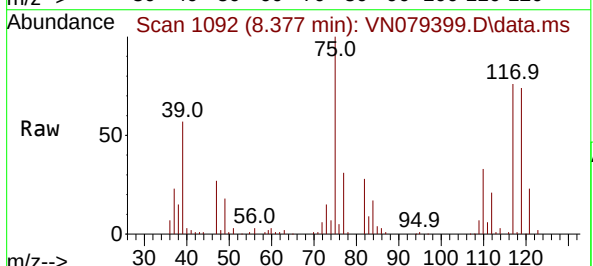
Delta R.T. -0.000 min

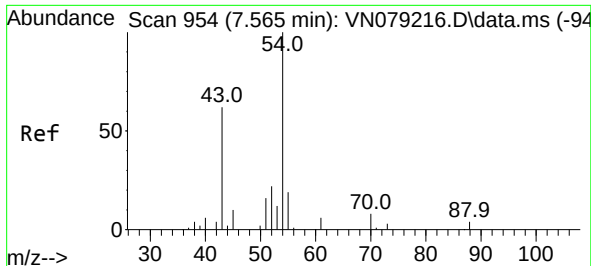
Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

Tgt Ion: 75 Resp: 148472

Ion	Ratio	Lower	Upper
75	100		
110	33.2	19.1	57.3
77	30.9	25.0	37.4





#37

Ethyl Acetate

Concen: 57.966 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 164912

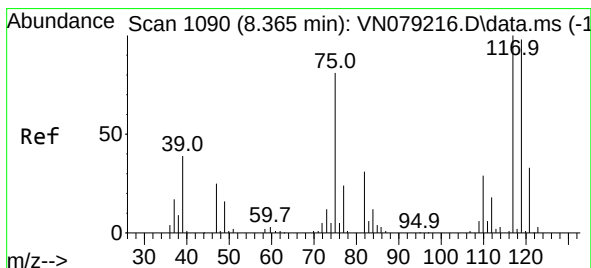
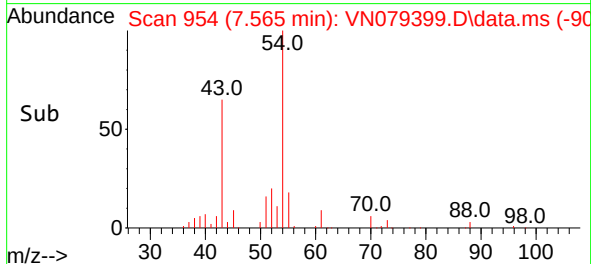
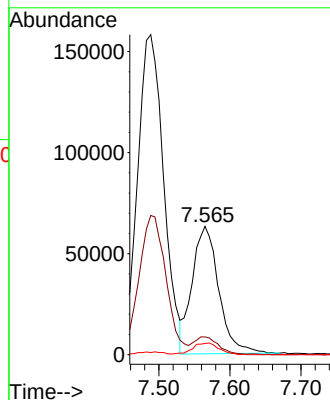
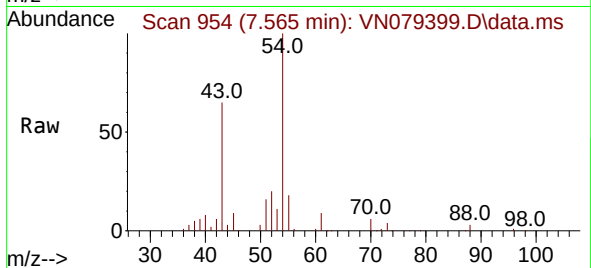
Ion	Ratio	Lower	Upper
43	100		
61	12.3	13.2	19.8
70	9.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#38

Carbon Tetrachloride

Concen: 51.846 ug/l

RT: 8.365 min Scan# 1090

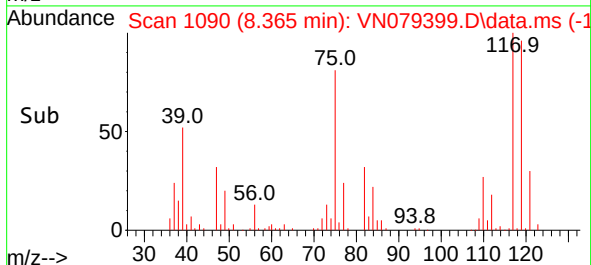
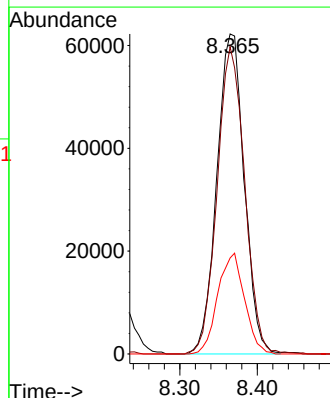
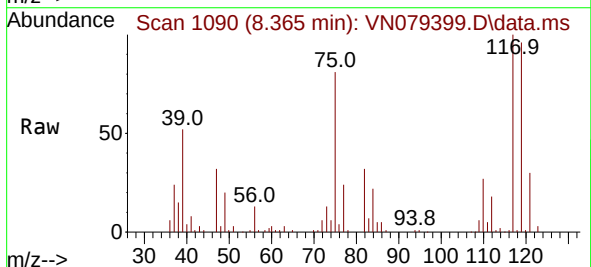
Delta R.T. -0.006 min

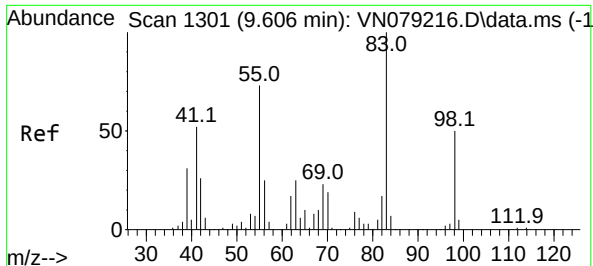
Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

Tgt Ion:117 Resp: 153033

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.3	115.9
121	30.0	23.3	34.9





#39

Methylcyclohexane

Concen: 48.137 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

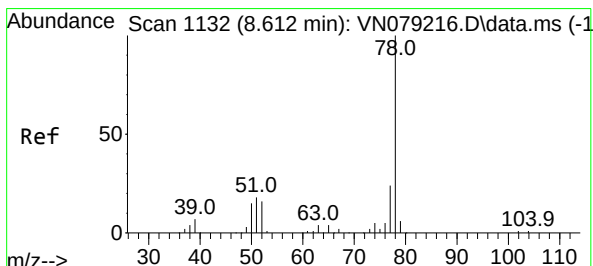
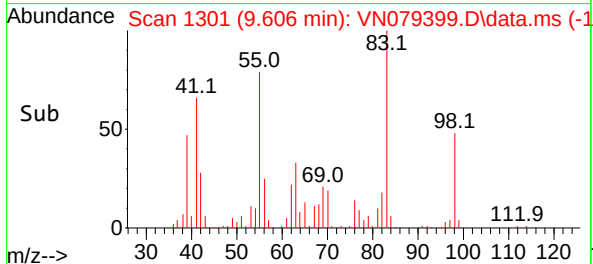
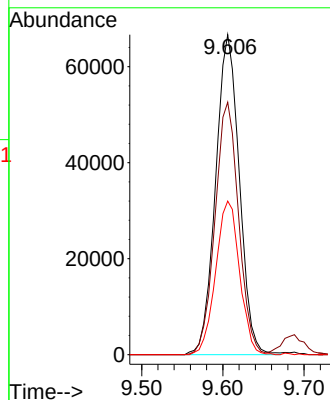
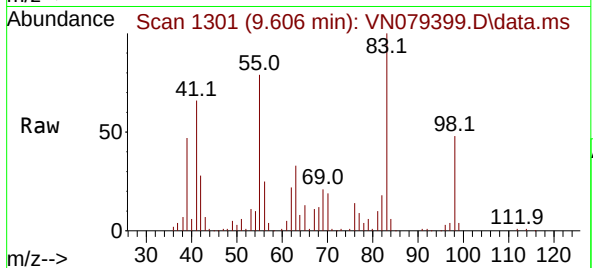
Tgt Ion: 83 Resp: 135437
 Ion Ratio Lower Upper
 83 100
 55 78.9 49.1 73.7
 98 48.0 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#40

Benzene

Concen: 53.092 ug/l

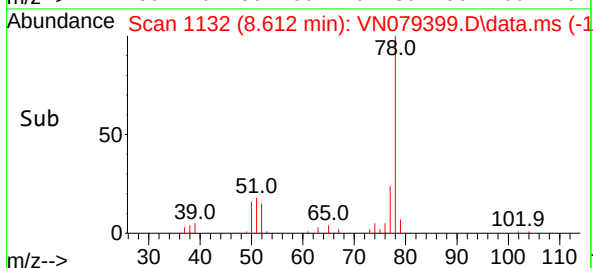
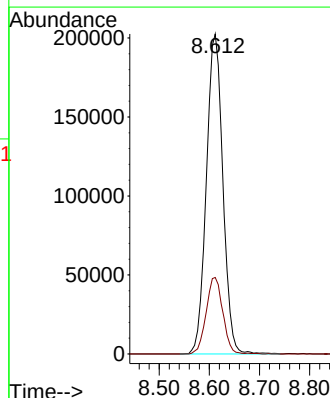
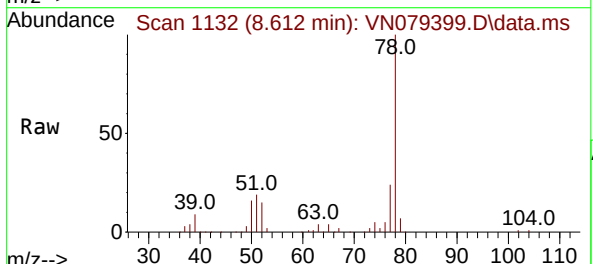
RT: 8.612 min Scan# 1132

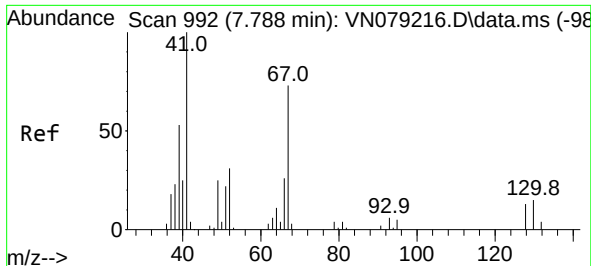
Delta R.T. -0.000 min

Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

Tgt Ion: 78 Resp: 463585
 Ion Ratio Lower Upper
 78 100
 77 23.9 19.0 28.6





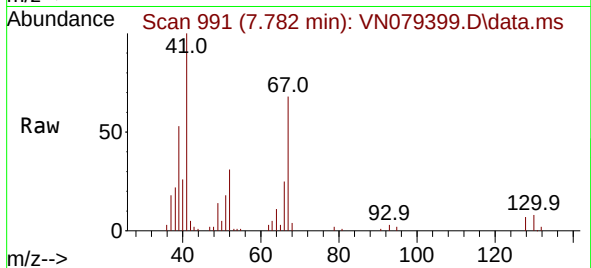
#41
Methacrylonitrile
Concen: 59.797 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



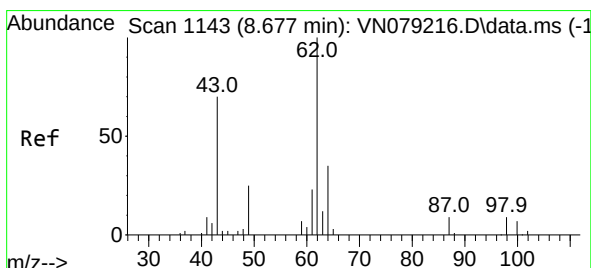
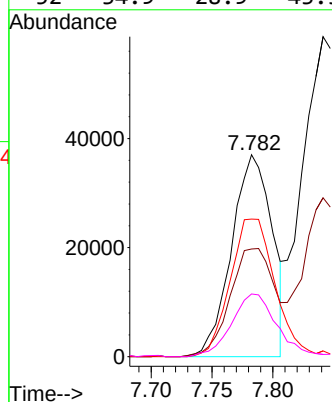
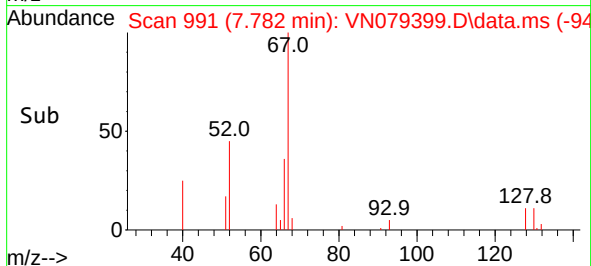
Tgt Ion: 41 Resp: 85770
Ion Ratio Lower Upper
41 100
39 57.5 42.6 64.0
67 76.6 77.5 116.3
52 34.9 28.9 43.3

Manual Integrations

APPROVED

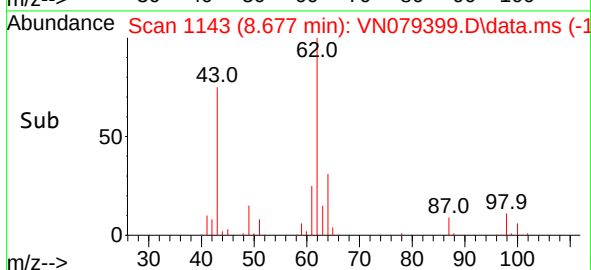
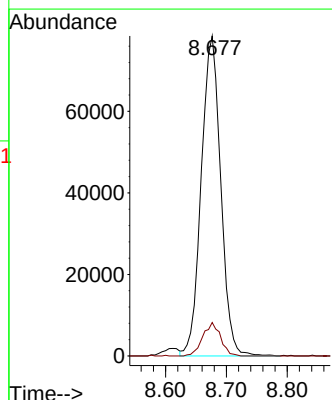
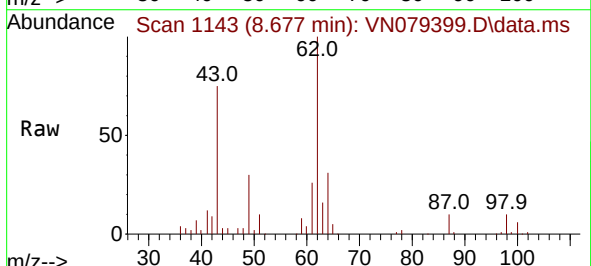
Reviewed By :John Carlone 10/05/2023

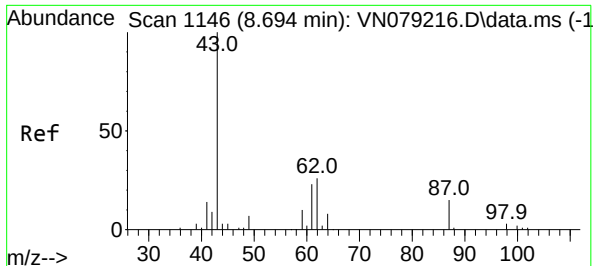
Supervised By :Mahesh Dadoda 10/05/2023



#42
1,2-Dichloroethane
Concen: 58.111 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

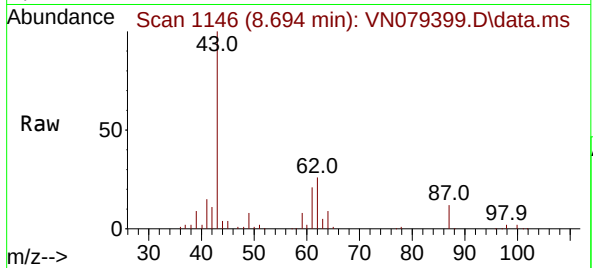
Tgt Ion: 62 Resp: 174681
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 58.126 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

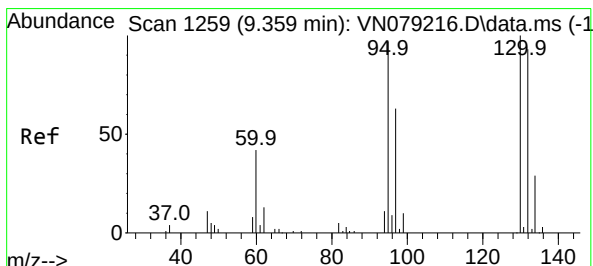
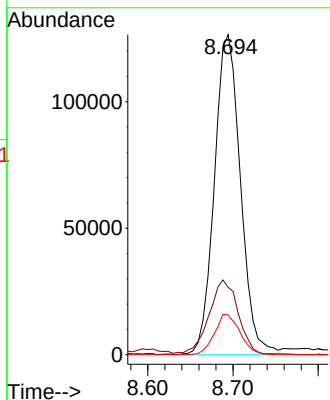
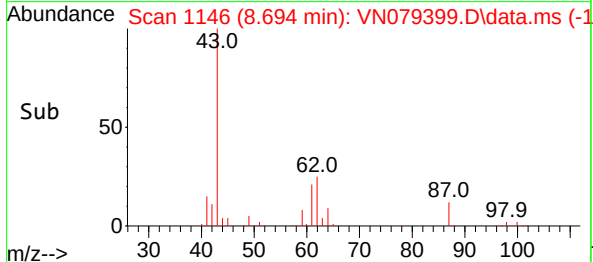
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 269820
Ion Ratio Lower Upper
43 100
61 26.4 24.7 37.1
87 12.3 14.6 21.8

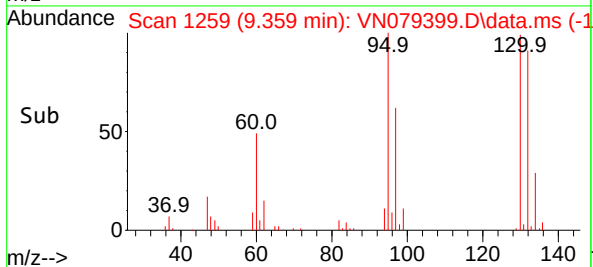
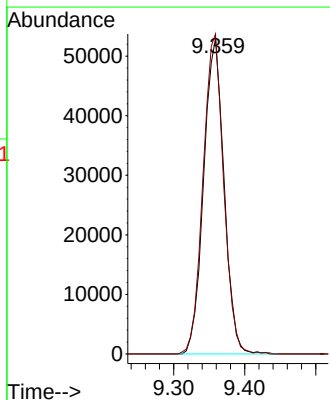
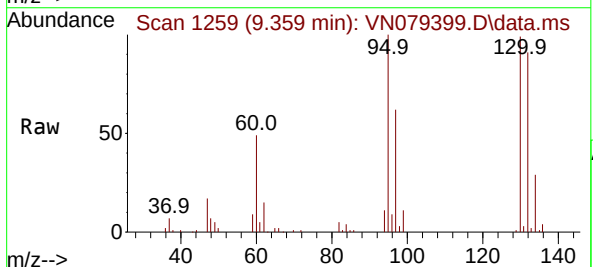
Manual Integrations
APPROVED

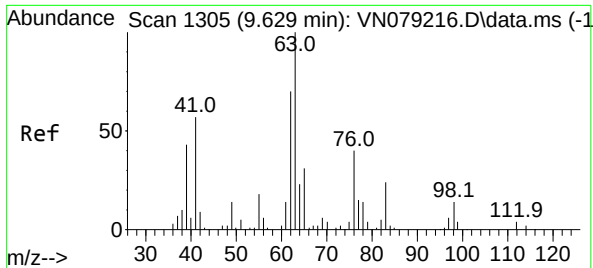
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#44
Trichloroethene
Concen: 49.099 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Tgt Ion:130 Resp: 105612
Ion Ratio Lower Upper
130 100
95 101.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 59.625 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 129208

Ion Ratio Lower Upper

63 100

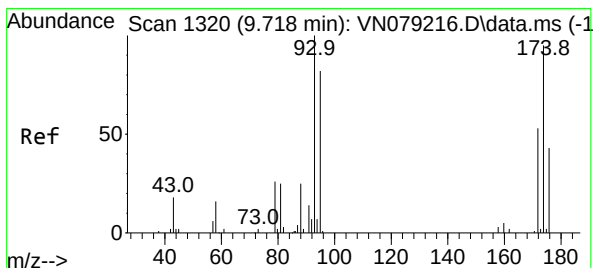
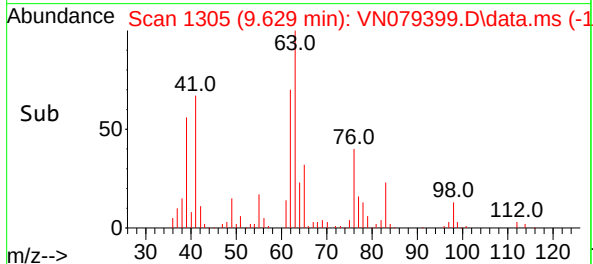
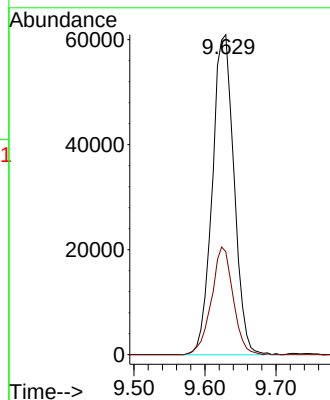
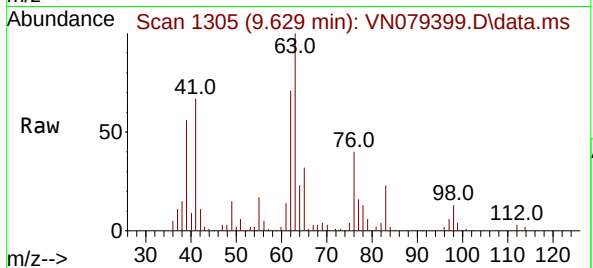
65 32.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#46

Dibromomethane

Concen: 57.287 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

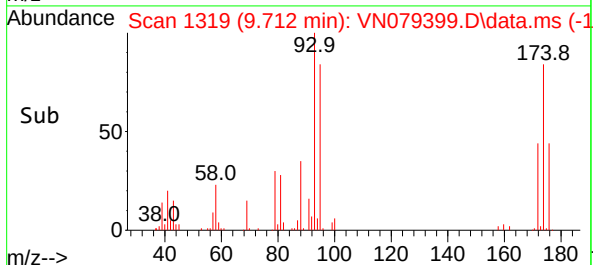
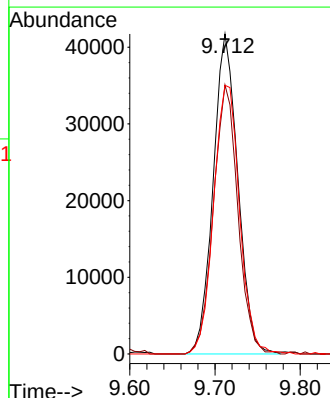
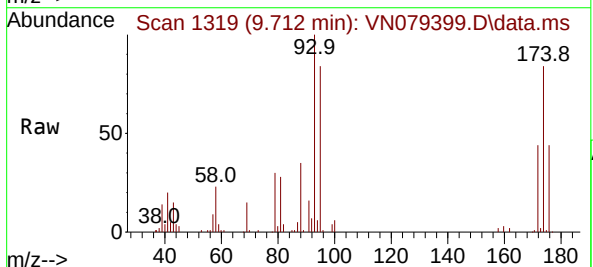
Tgt Ion: 93 Resp: 84274

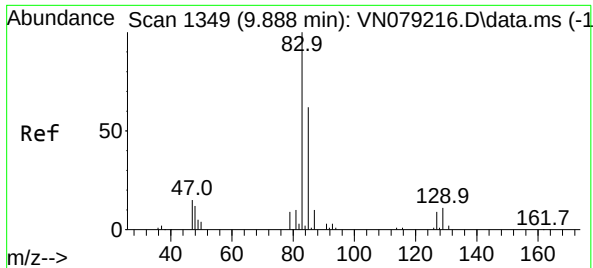
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

174 88.4 65.6 98.4





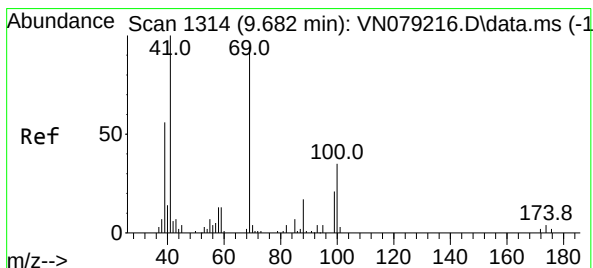
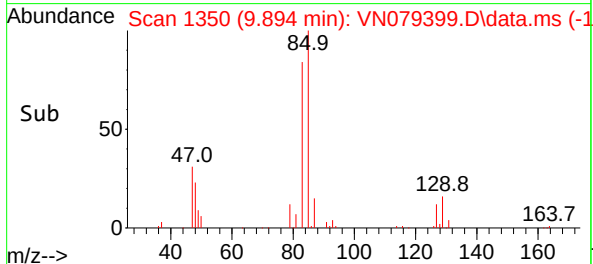
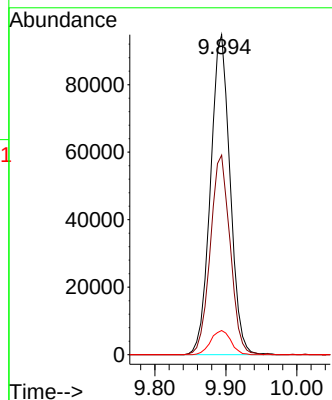
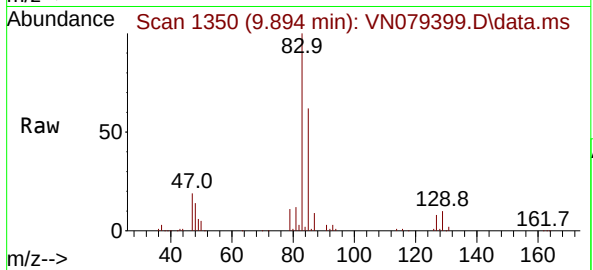
#47
Bromodichloromethane
Concen: 60.173 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 18130
Ion Ratio Lower Upper
83 100
85 62.4 49.6 74.4
127 7.6 7.0 10.6

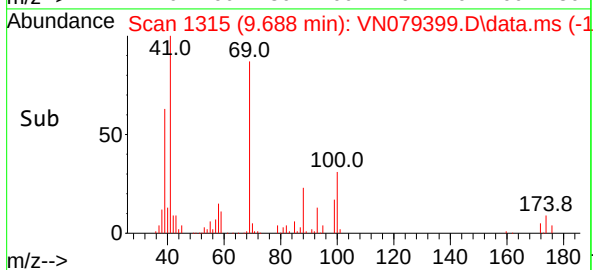
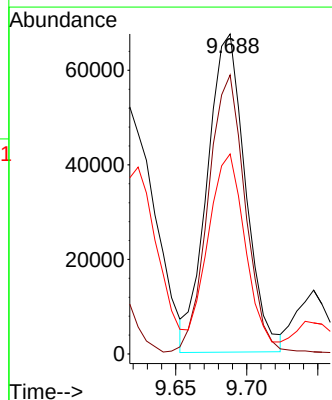
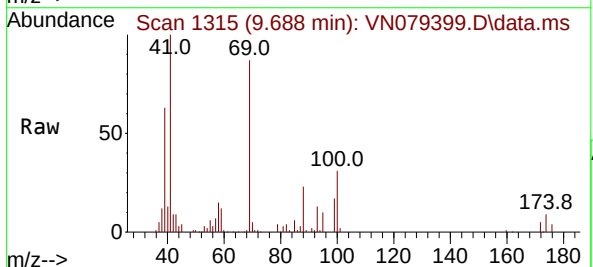
Manual Integrations
APPROVED

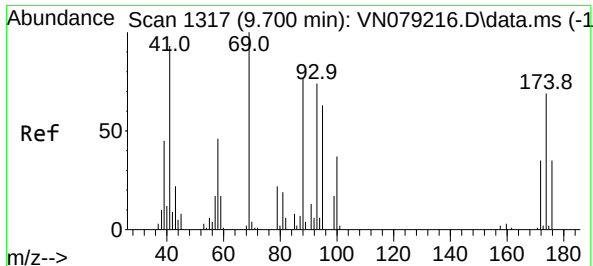
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#48
Methyl methacrylate
Concen: 60.709 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

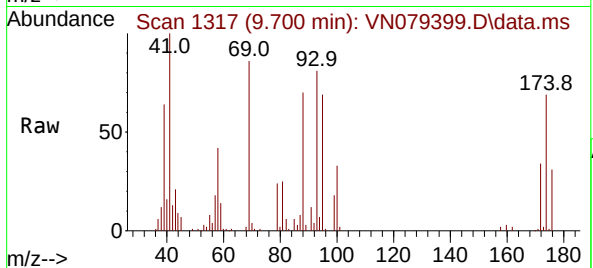
Tgt Ion: 41 Resp: 126231
Ion Ratio Lower Upper
41 100
69 86.3 90.4 135.6
39 62.0 54.6 81.8





#49
1,4-Dioxane
Concen: 1101.401 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

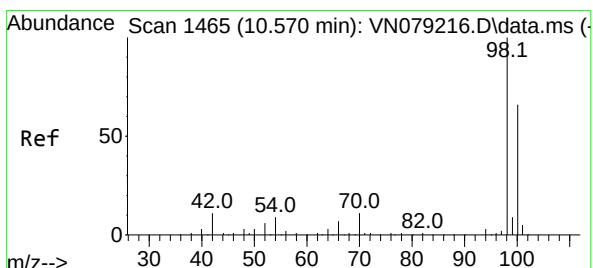
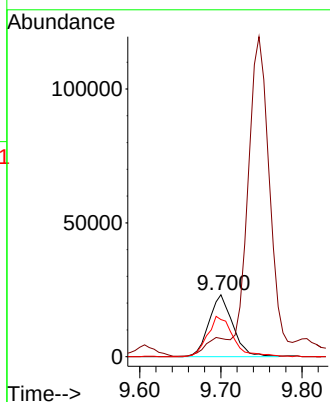
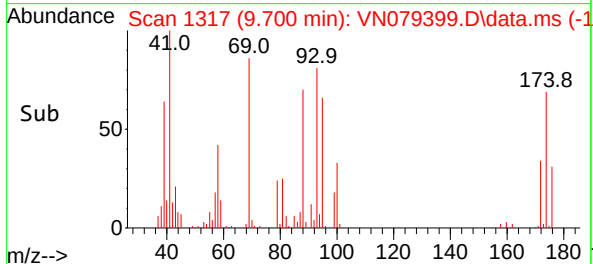
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 47104
Ion Ratio Lower Upper
88 100
43 30.8 17.0 25.6
58 70.4 47.0 70.4

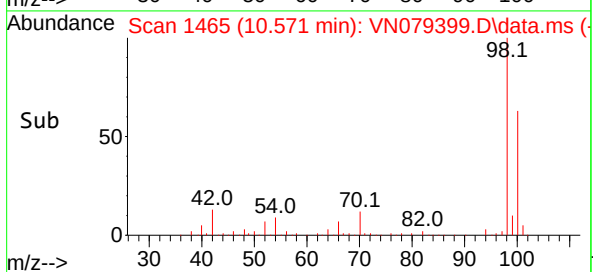
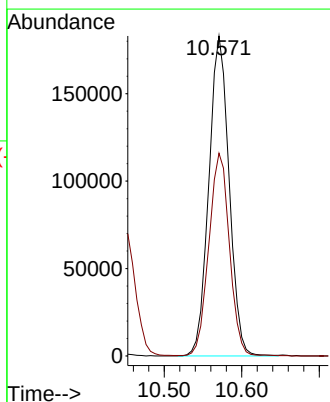
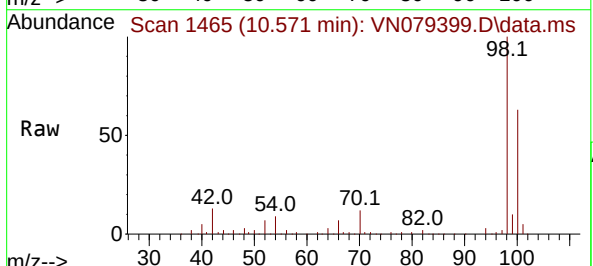
Manual Integrations
APPROVED

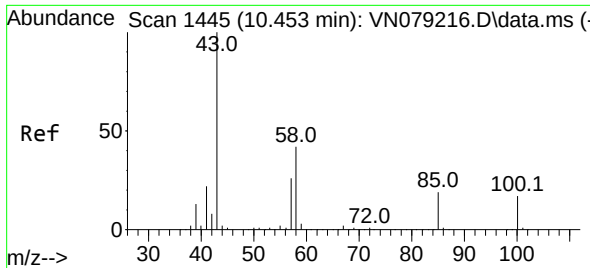
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#50
Toluene-d8
Concen: 48.900 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Tgt Ion: 98 Resp: 332264
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





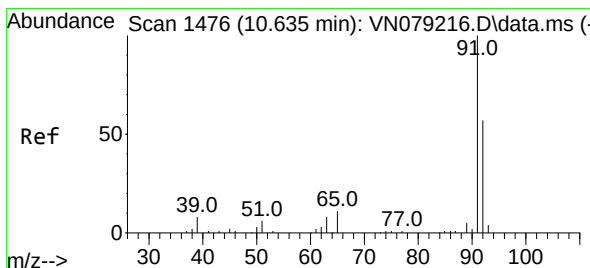
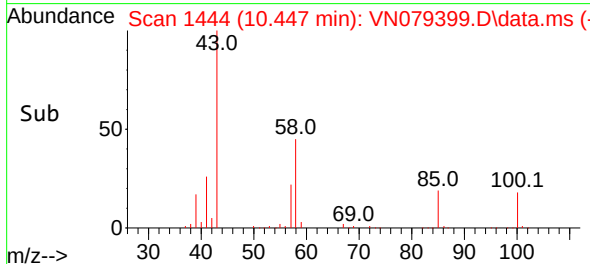
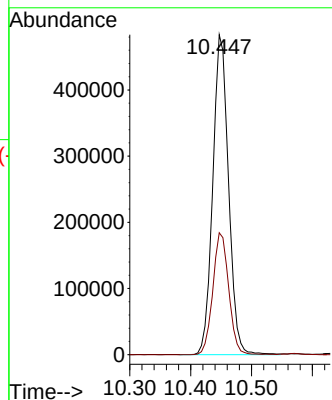
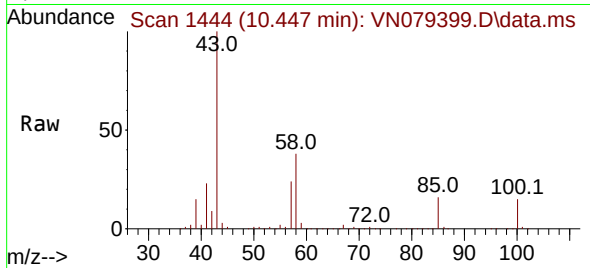
#51
4-Methyl-2-Pentanone
Concen: 322.548 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 869170
Ion Ratio Lower Upper
43 100
58 38.4 36.6 54.8

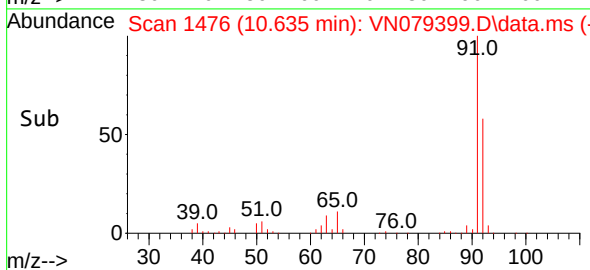
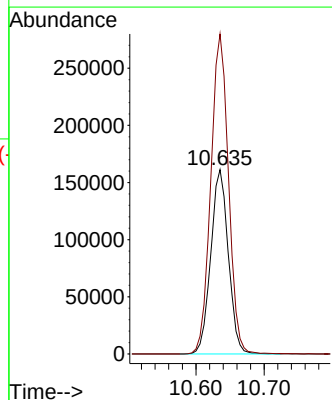
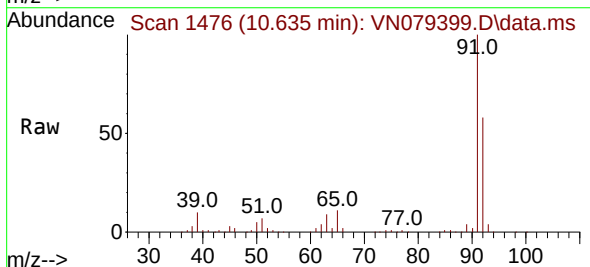
Manual Integrations
APPROVED

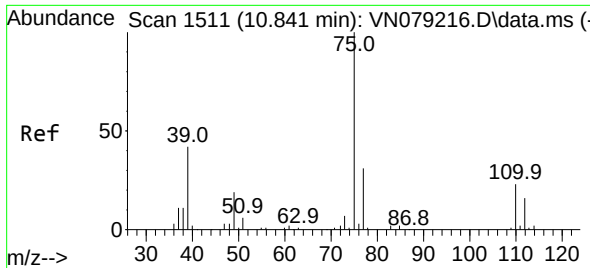
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#52
Toluene
Concen: 53.882 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

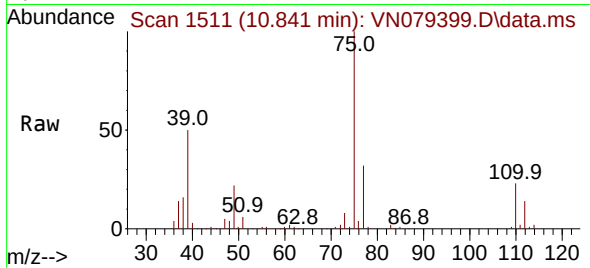
Tgt Ion: 92 Resp: 289133
Ion Ratio Lower Upper
92 100
91 174.7 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 55.346 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079399.D
 Acq: 04 Oct 2023 13:04

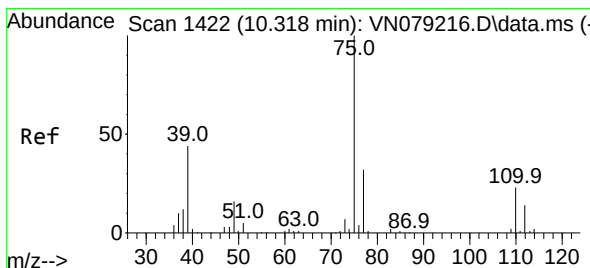
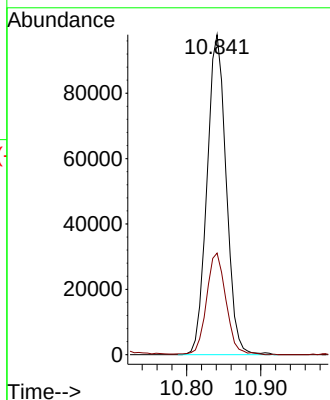
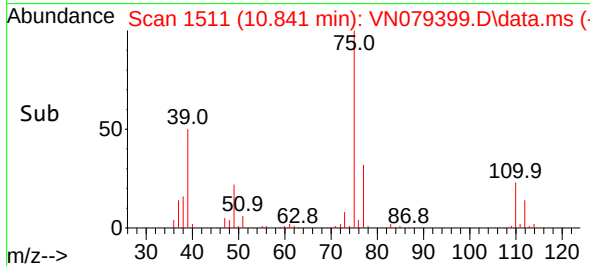
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



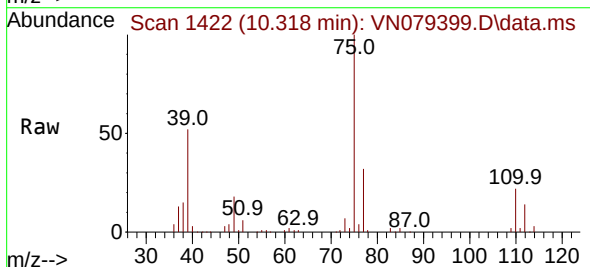
Tgt Ion: 75 Resp: 175838
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0

Manual Integrations
 APPROVED

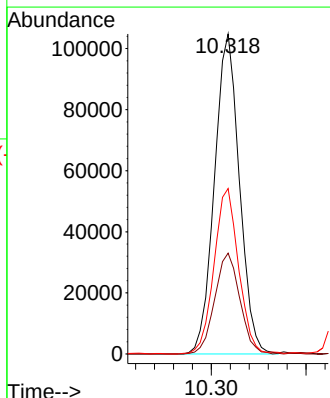
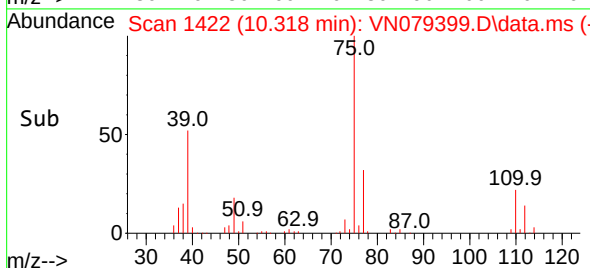
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

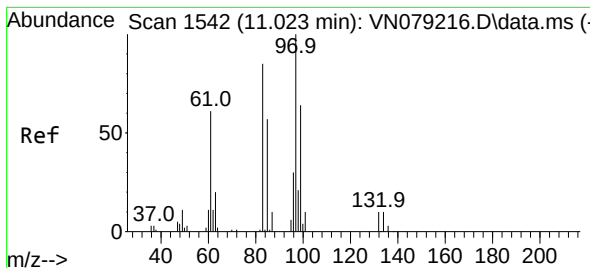


#54
 cis-1,3-Dichloropropene
 Concen: 56.371 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079399.D
 Acq: 04 Oct 2023 13:04



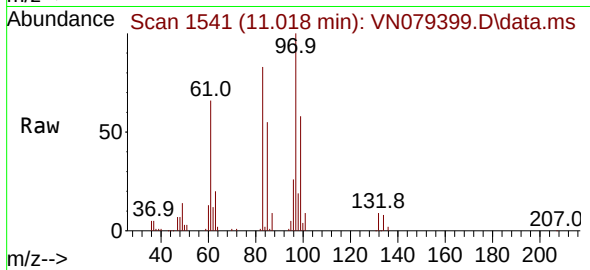
Tgt Ion: 75 Resp: 191553
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.1 39.1
 39 51.7 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 58.127 ug/l
RT: 11.018 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

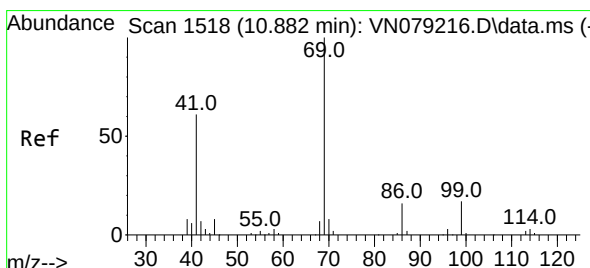
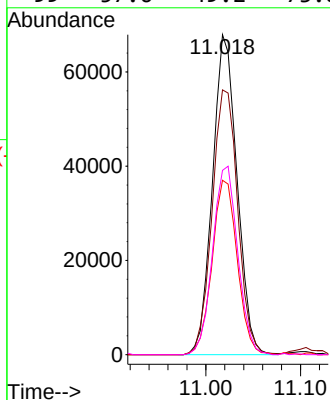
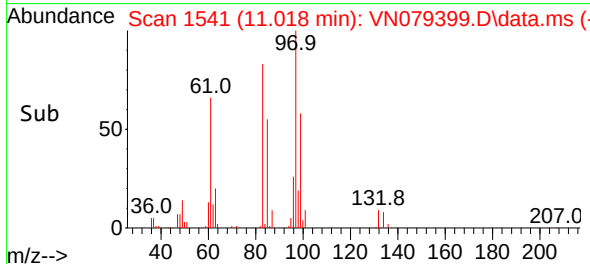
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 122390
Ion Ratio Lower Upper
97 100
83 82.7 65.1 97.7
85 54.5 43.4 65.2
99 57.6 49.2 73.8

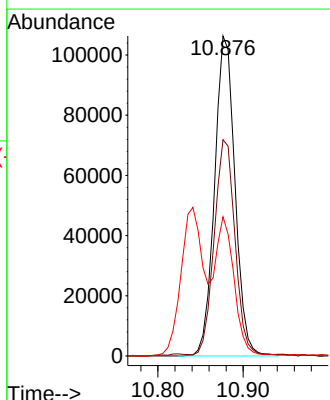
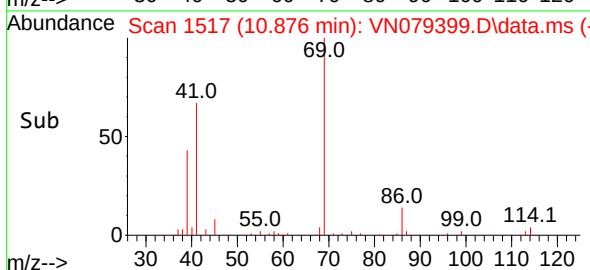
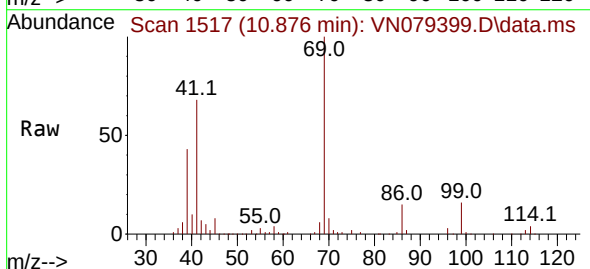
Manual Integrations
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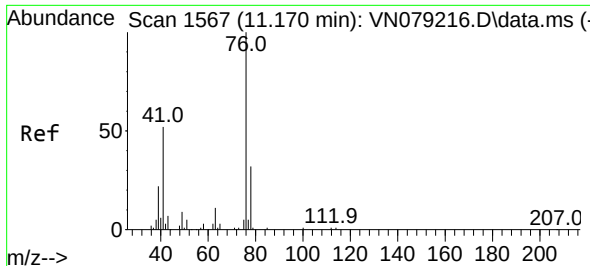
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#56
Ethyl methacrylate
Concen: 59.584 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Tgt Ion: 69 Resp: 177099
Ion Ratio Lower Upper
69 100
41 68.4 39.6 59.4#
39 40.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 58.489 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 21289

Ion Ratio Lower Upper

76 100

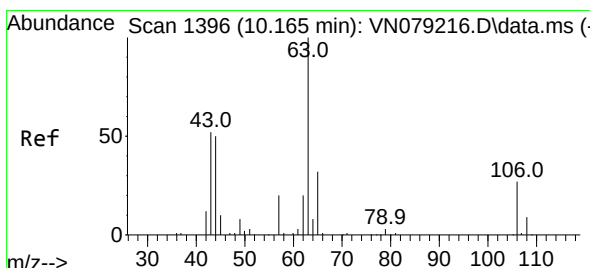
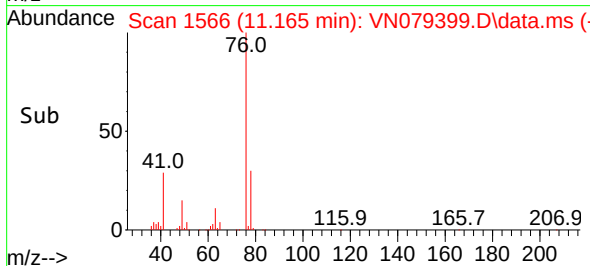
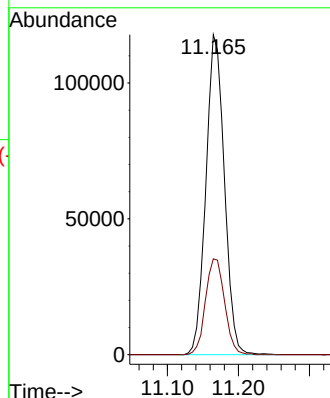
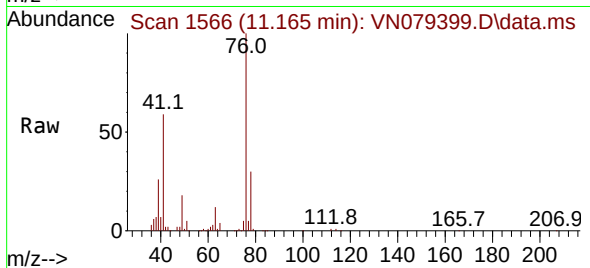
78 30.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#58

2-Chloroethyl Vinyl ether

Concen: 274.530 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079399.D

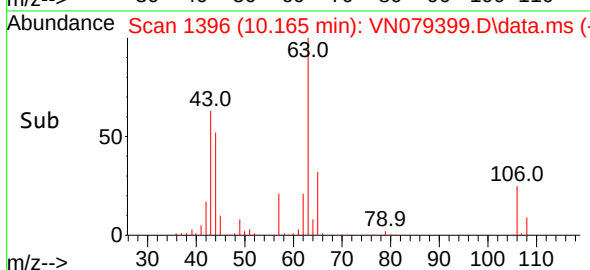
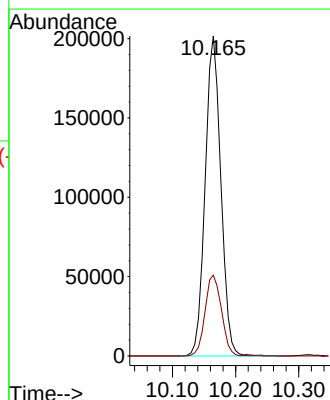
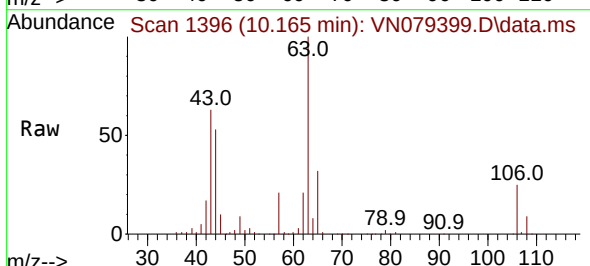
Acq: 04 Oct 2023 13:04

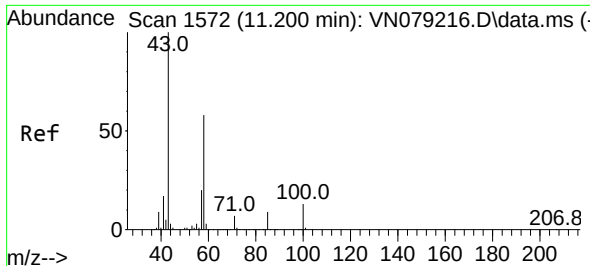
Tgt Ion: 63 Resp: 346975

Ion Ratio Lower Upper

63 100

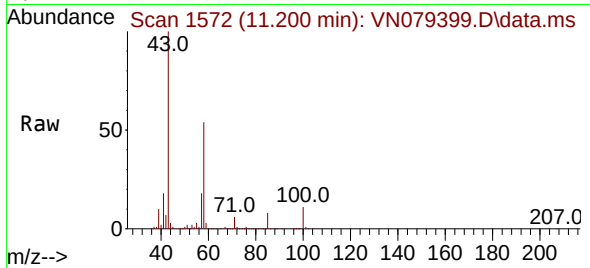
106 26.4 26.2 39.4





#59
2-Hexanone
Concen: 318.138 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

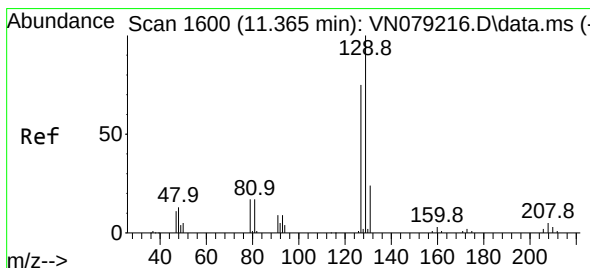
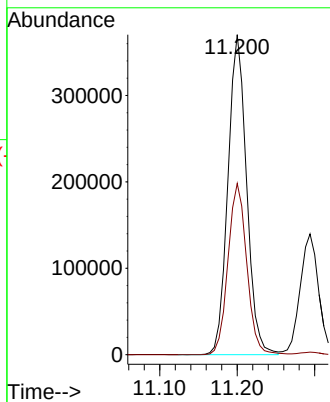
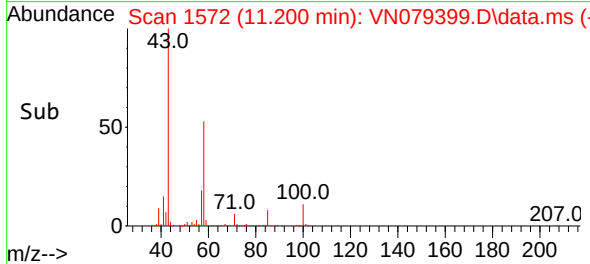
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 620920
Ion Ratio Lower Upper
43 100
58 53.7 31.7 95.1

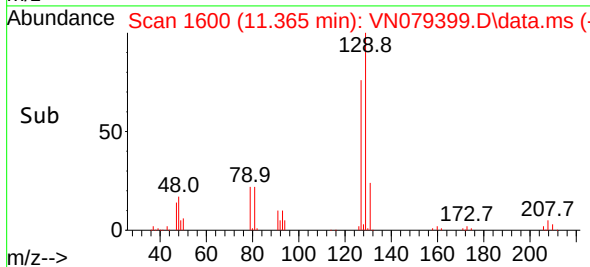
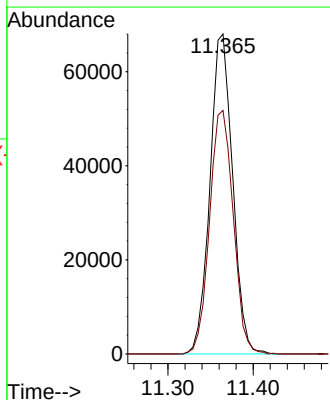
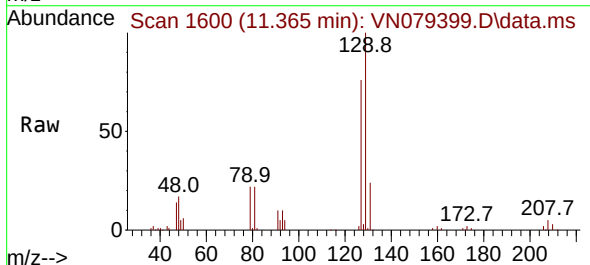
Manual Integrations
APPROVED

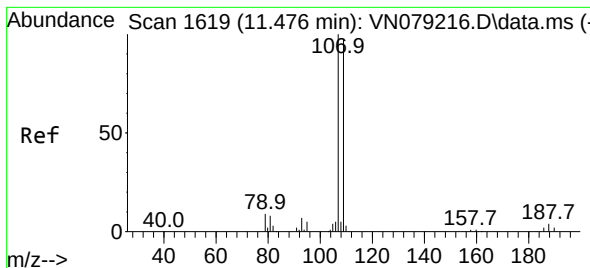
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#60
Dibromochloromethane
Concen: 56.213 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

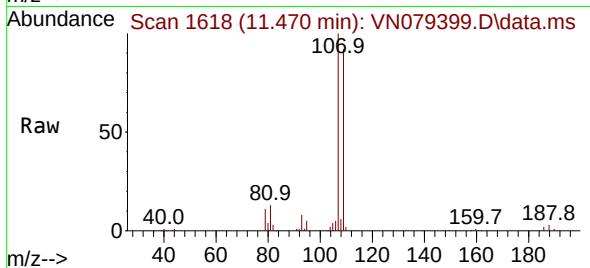
Tgt Ion:129 Resp: 125968
Ion Ratio Lower Upper
129 100
127 79.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 55.069 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

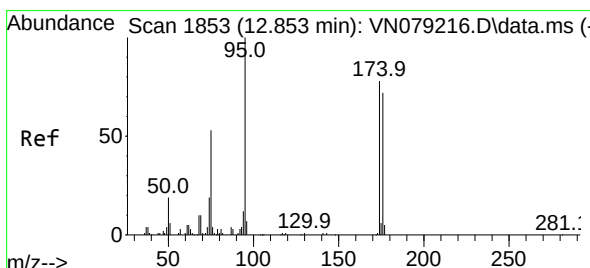
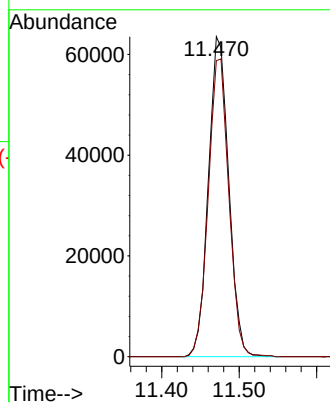
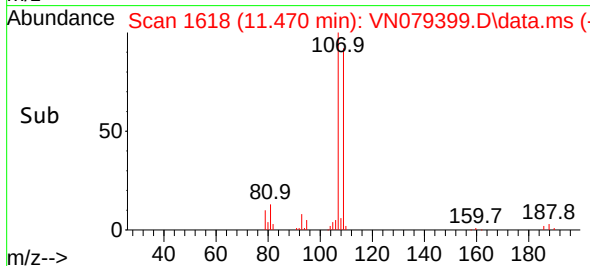
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



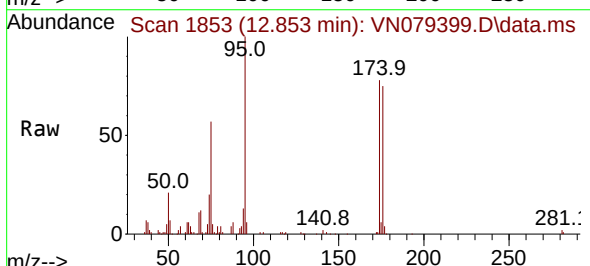
Tgt Ion:107 Resp: 115710
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

Manual Integrations
APPROVED

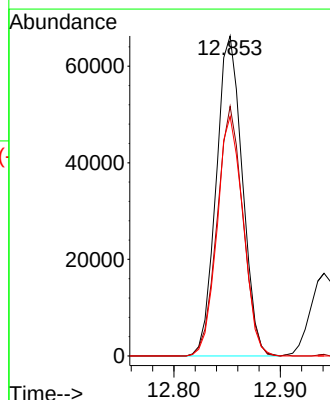
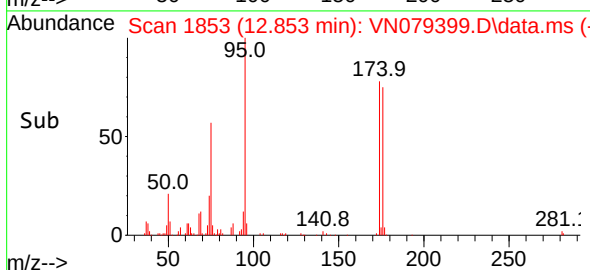
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

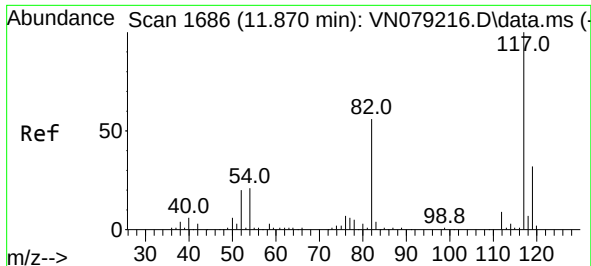


#62
4-Bromofluorobenzene
Concen: 52.083 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04



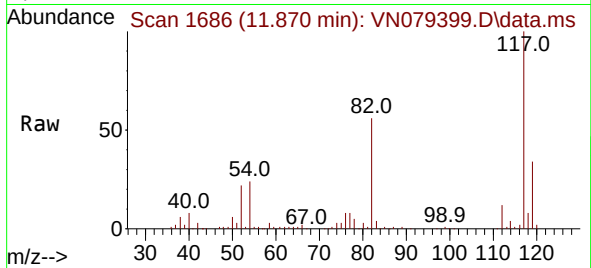
Tgt Ion: 95 Resp: 112884
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 74.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

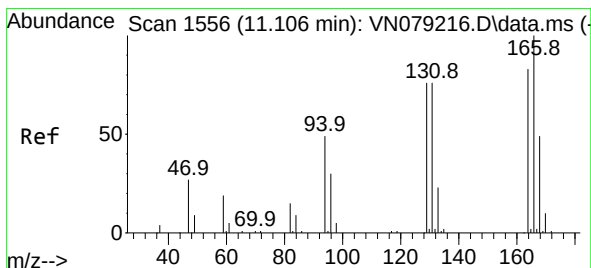
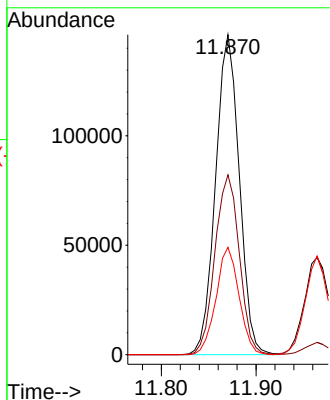
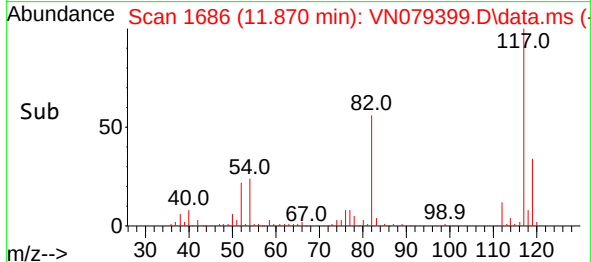
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



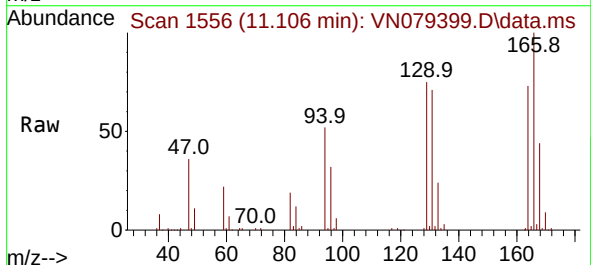
Tgt Ion:117 Resp: 25496
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 33.6 25.6 38.4

Manual Integrations
APPROVED

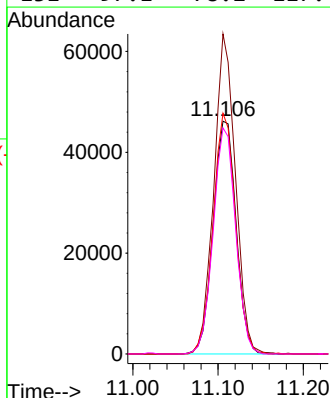
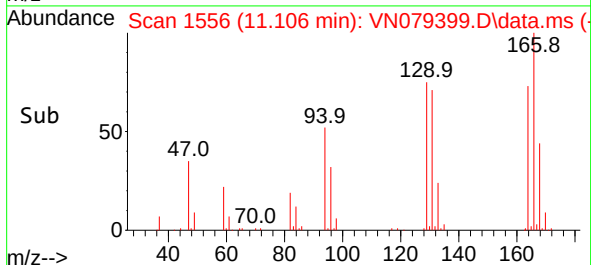
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

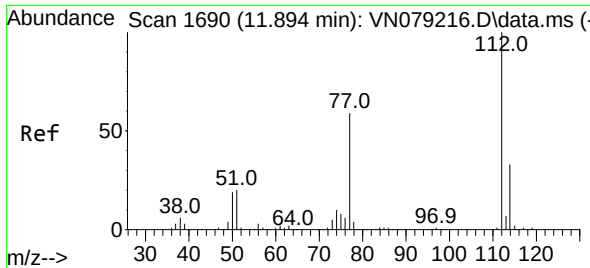


#64
Tetrachloroethene
Concen: 46.645 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04



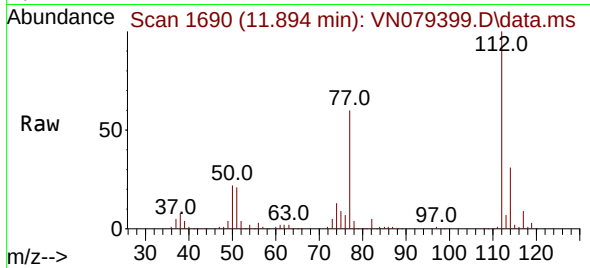
Tgt Ion:164 Resp: 86718
Ion Ratio Lower Upper
164 100
166 137.4 101.4 152.0
129 103.4 82.4 123.6
131 97.1 78.2 117.4





#65
Chlorobenzene
Concen: 51.548 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

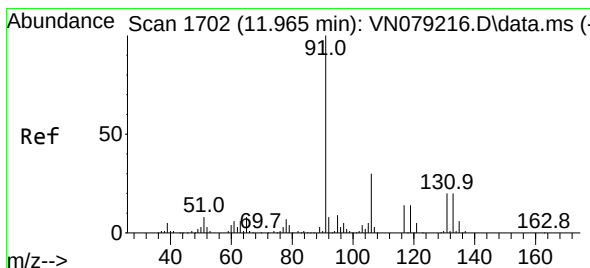
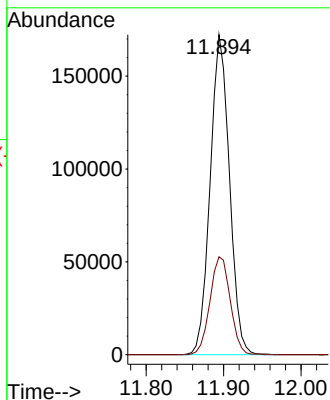
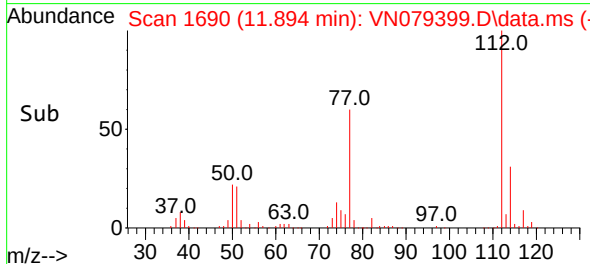
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



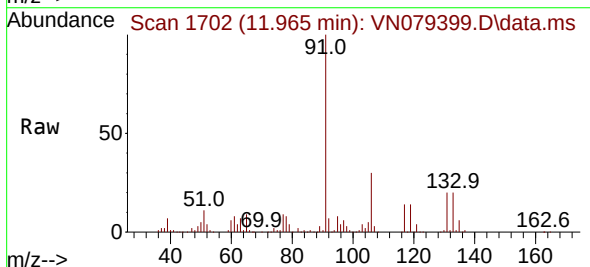
Tgt Ion:112 Resp: 297735
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.4

Manual Integrations
APPROVED

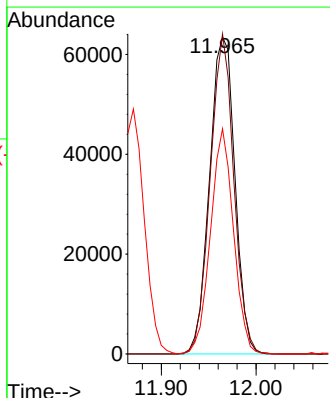
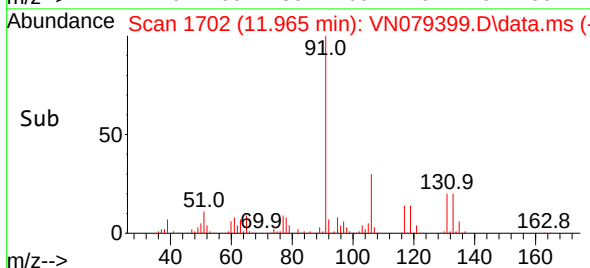
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

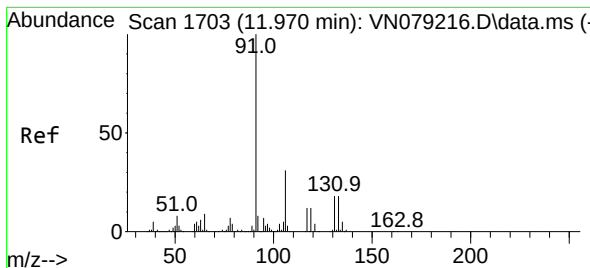


#66
1,1,1,2-Tetrachloroethane
Concen: 54.424 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04



Tgt Ion:131 Resp: 117875
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 64.6 34.1 102.2





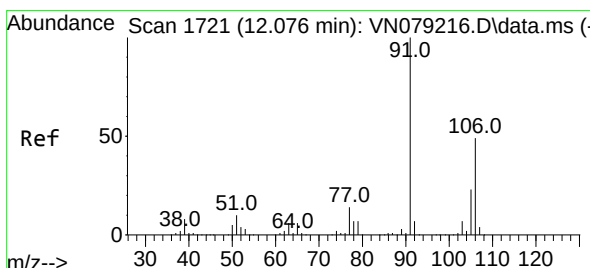
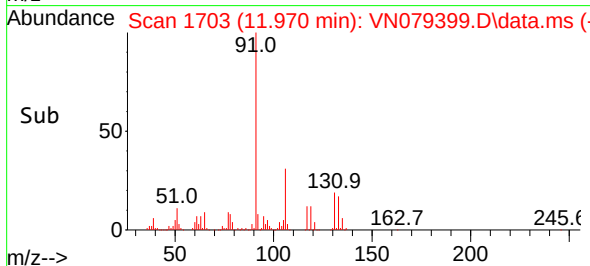
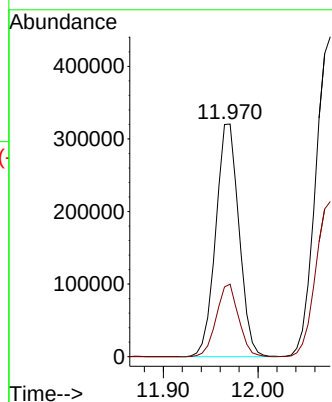
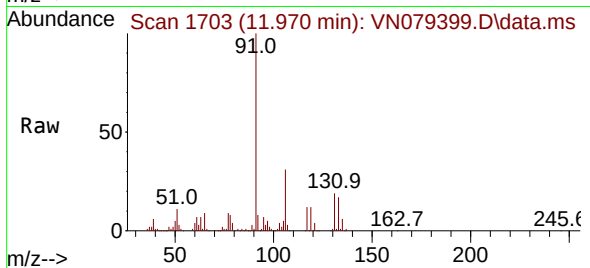
#67
Ethyl Benzene
Concen: 55.373 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 547053
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

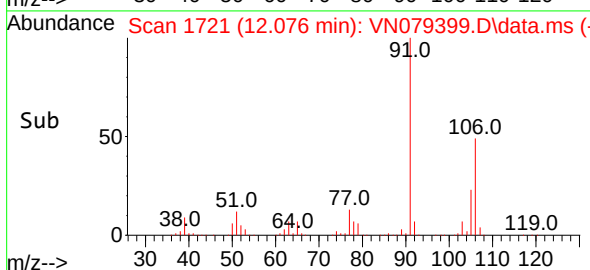
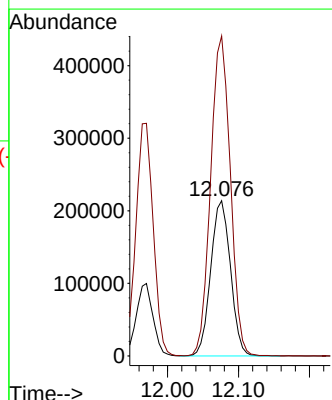
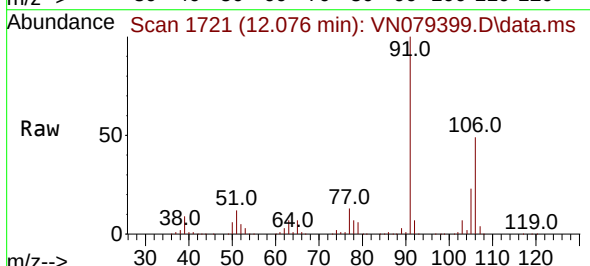
Manual Integrations
APPROVED

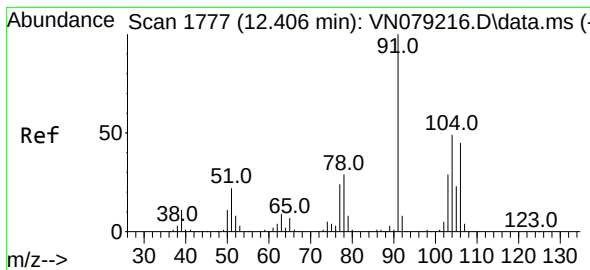
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#68
m/p-Xylenes
Concen: 112.028 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Tgt Ion:106 Resp: 412533
Ion Ratio Lower Upper
106 100
91 206.0 159.6 239.4





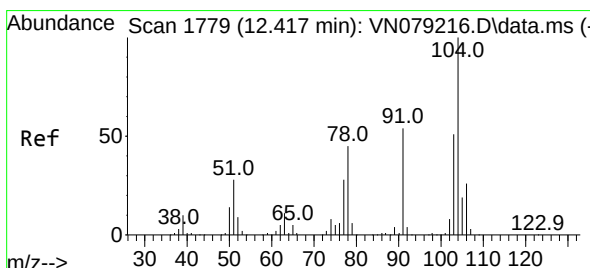
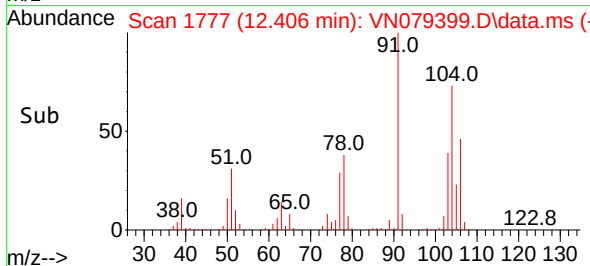
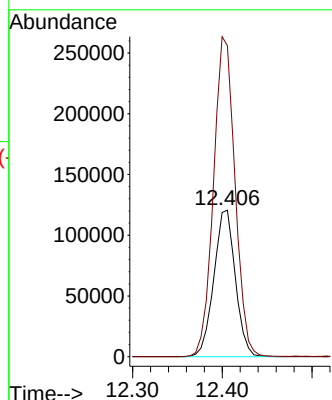
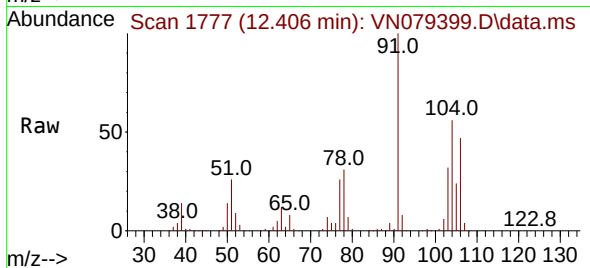
#69
o-Xylene
Concen: 56.843 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 20075
Ion Ratio Lower Upper
106 100
91 218.5 105.2 315.5

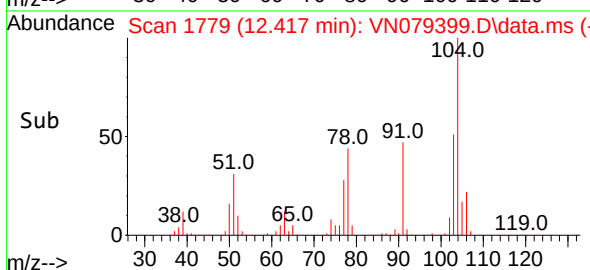
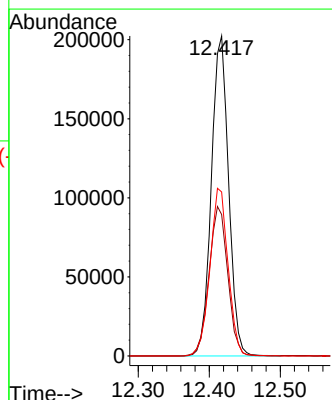
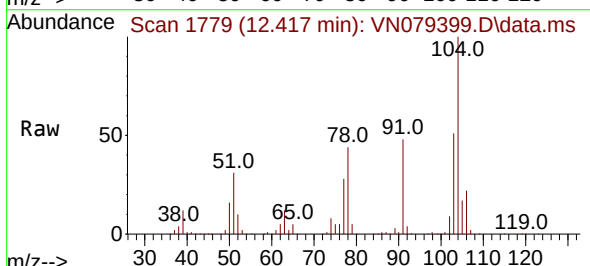
Manual Integrations
APPROVED

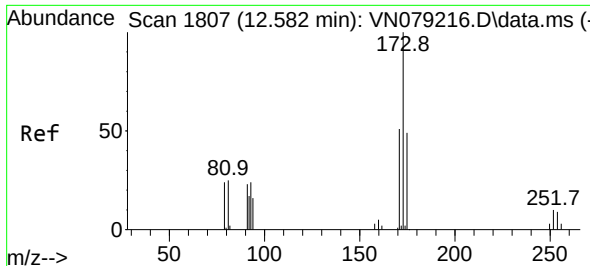
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#70
Styrene
Concen: 60.050 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

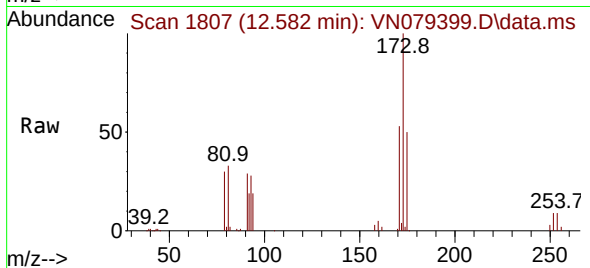
Tgt Ion:104 Resp: 341089
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 55.2 43.2 64.8





#71
Bromoform
Concen: 53.277 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

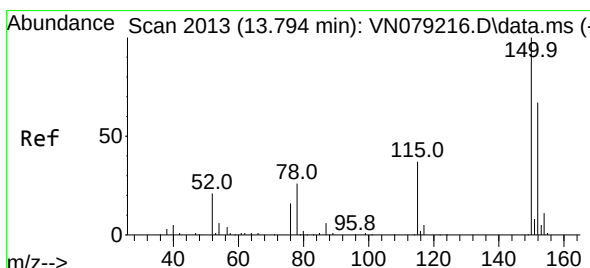
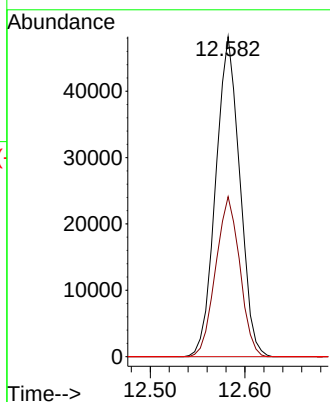
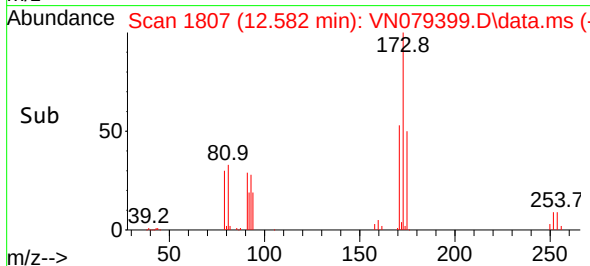
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



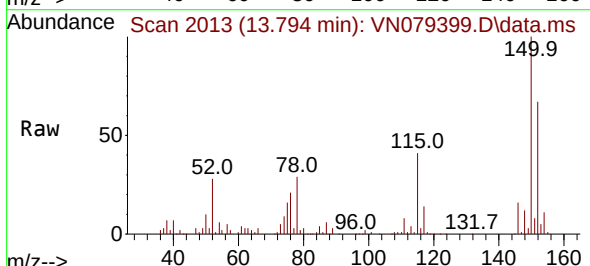
Tgt Ion:173 Resp: 85180
Ion Ratio Lower Upper
173 100
175 50.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

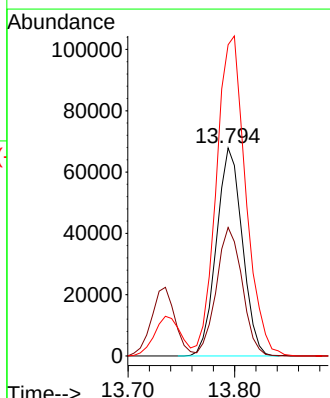
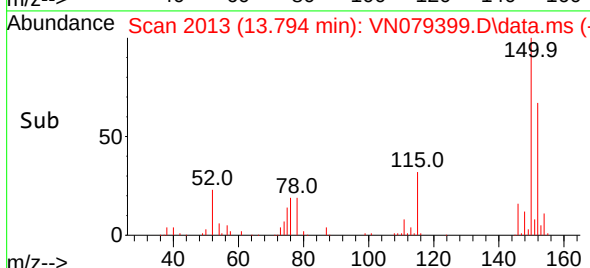
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

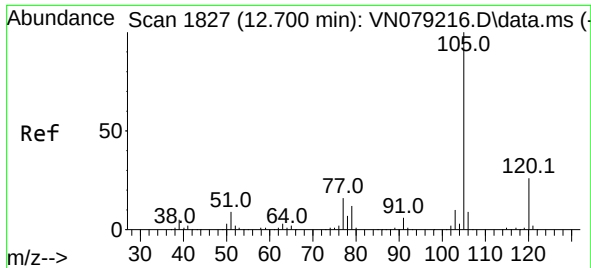


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04



Tgt Ion:152 Resp: 114464
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 174.4 0.0 355.8





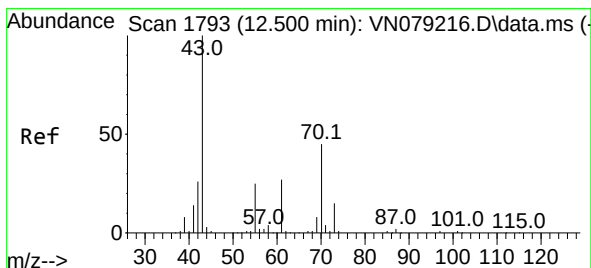
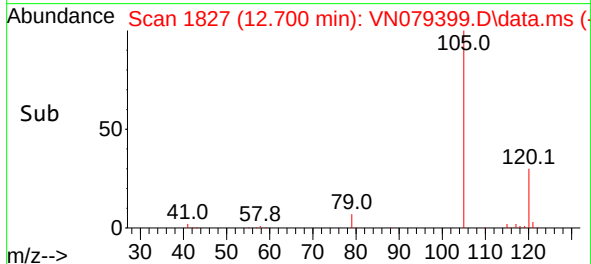
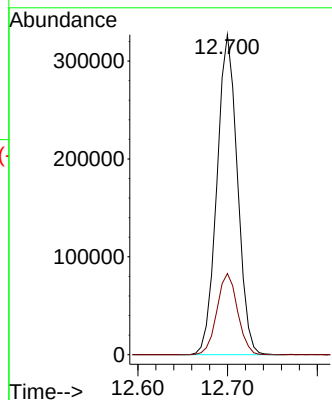
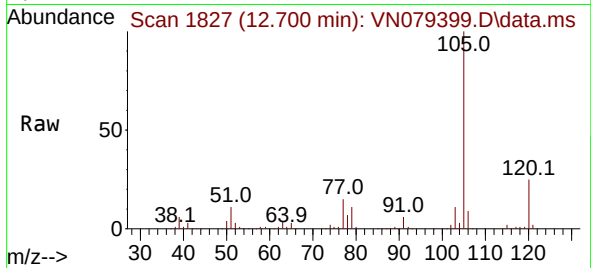
#73
Isopropylbenzene
Concen: 49.755 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 518162
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1

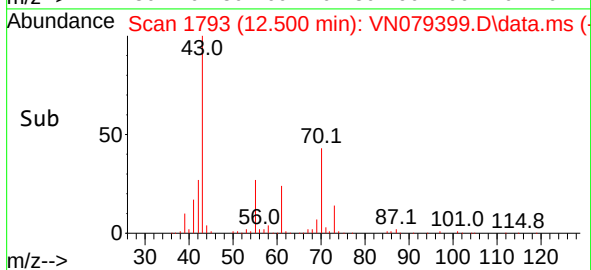
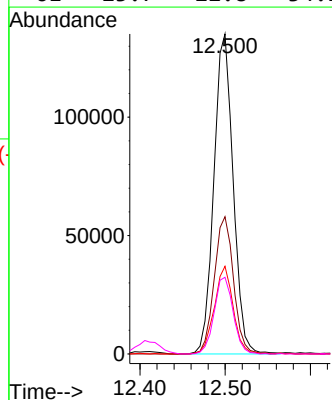
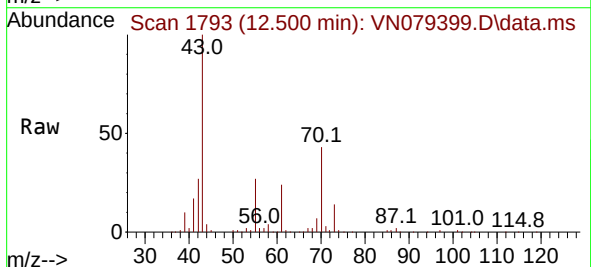
Manual Integrations
APPROVED

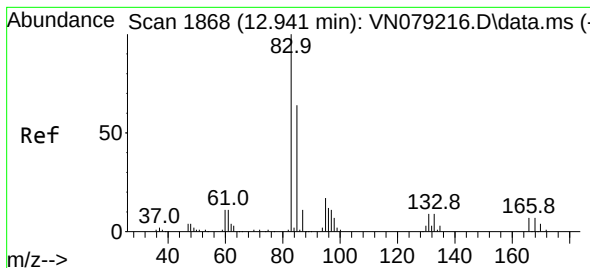
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#74
N-ethyl acetate
Concen: 53.772 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

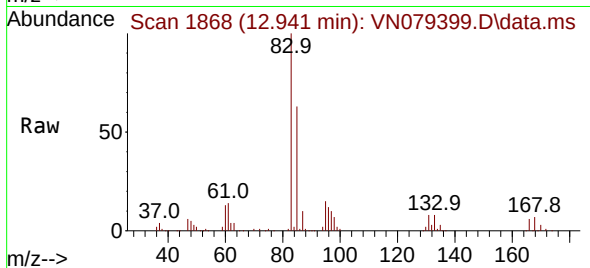
Tgt Ion: 43 Resp: 212456
Ion Ratio Lower Upper
43 100
70 42.9 43.4 65.2#
55 26.9 21.4 32.0
61 23.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.864 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

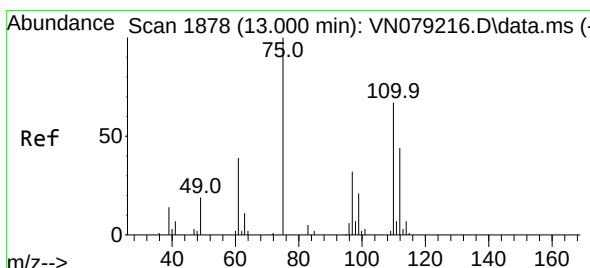
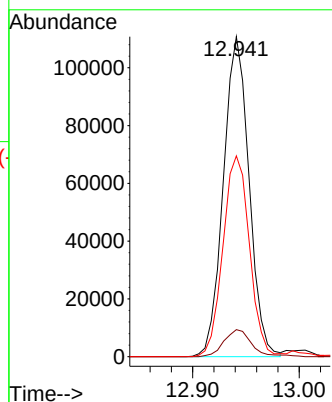
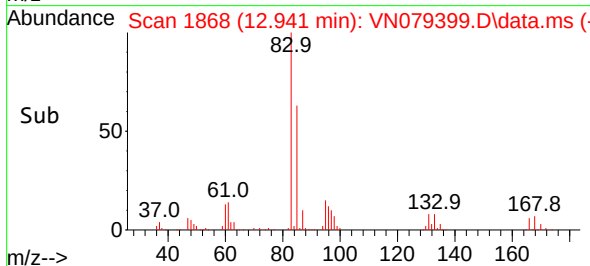
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 18561
Ion Ratio Lower Upper
83 100
131 9.1 5.0 15.0
85 64.8 31.9 95.7

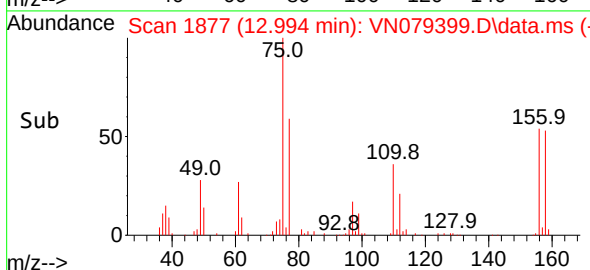
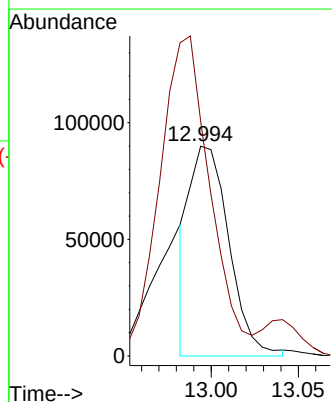
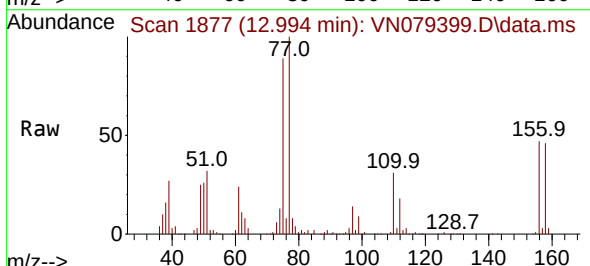
Manual Integrations
APPROVED

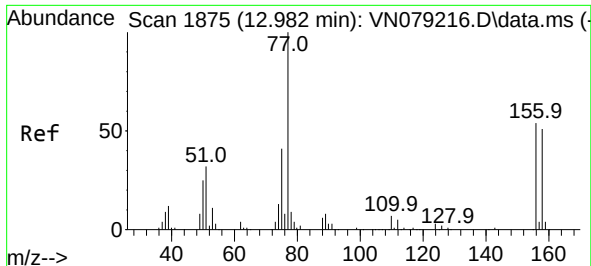
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#76
1,2,3-Trichloropropane
Concen: 46.007 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

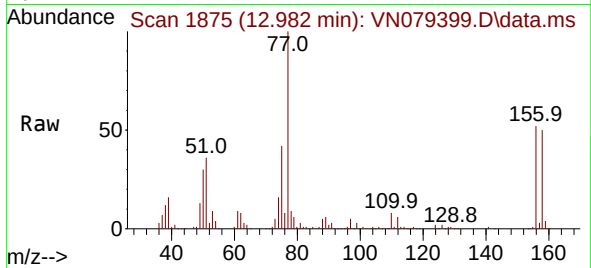
Tgt Ion: 75 Resp: 141928
Ion Ratio Lower Upper
75 100
77 194.5 84.5 253.5





#77
Bromobenzene
Concen: 45.695 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

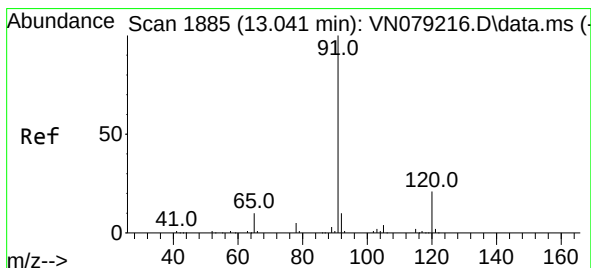
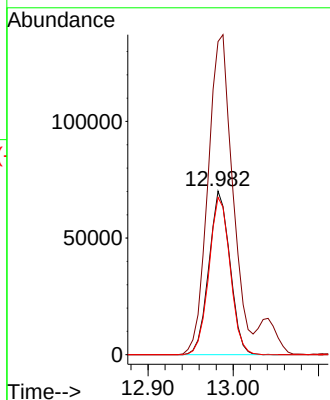
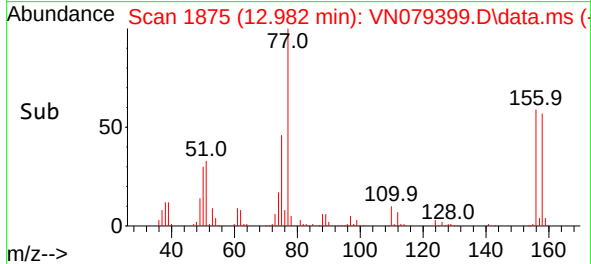
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 120497
Ion Ratio Lower Upper
156 100
77 229.1 107.7 323.3
158 96.6 48.4 145.3

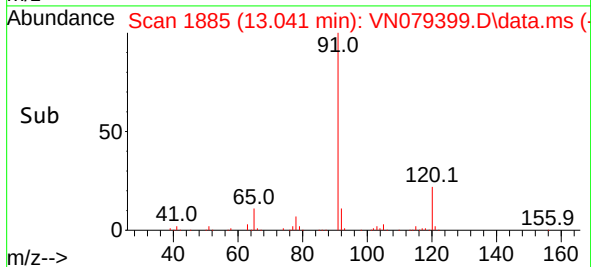
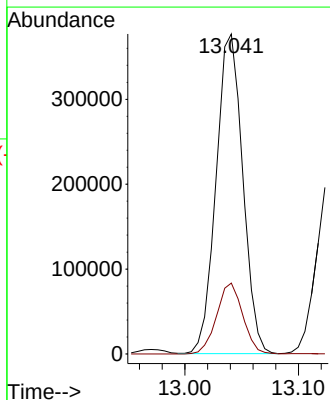
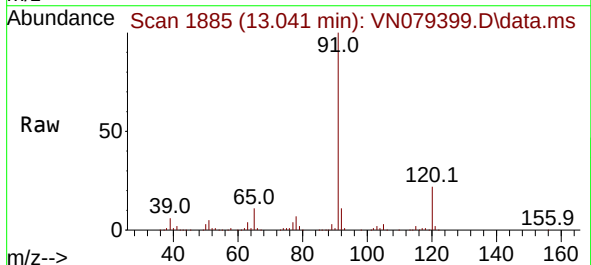
Manual Integrations
APPROVED

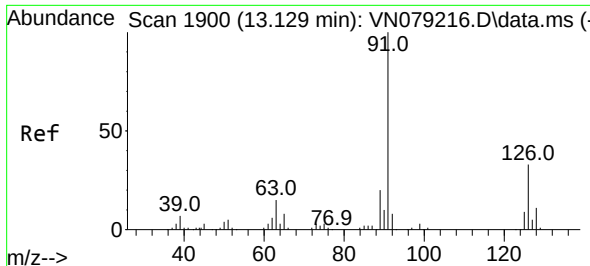
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#78
n-propylbenzene
Concen: 52.548 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Tgt Ion: 91 Resp: 614742
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





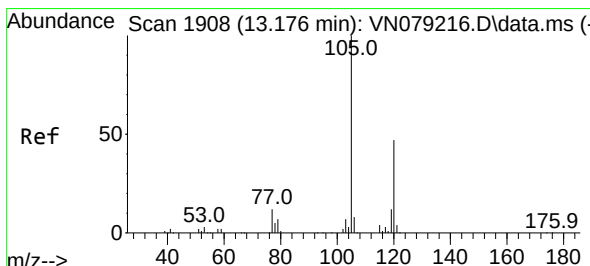
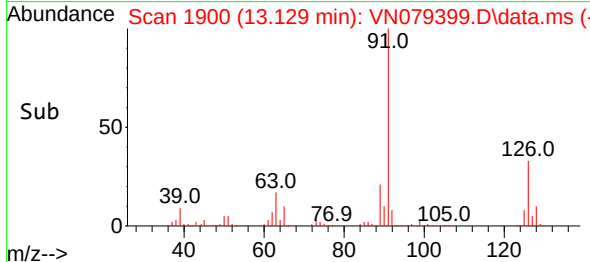
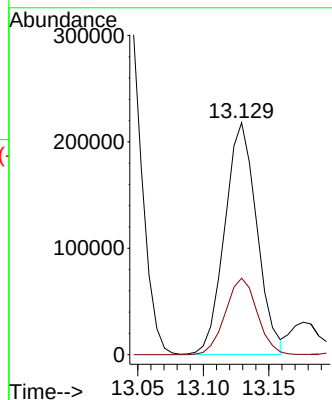
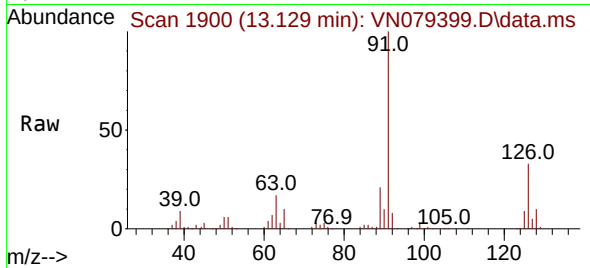
#79
2-Chlorotoluene
Concen: 48.448 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 370704
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

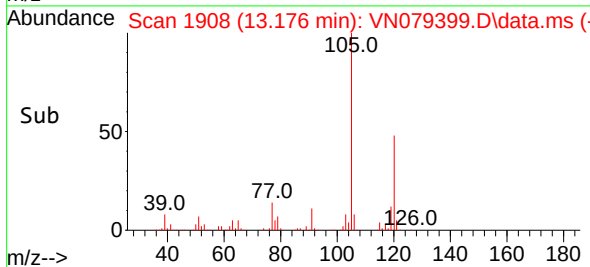
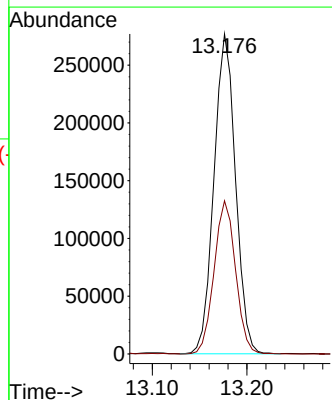
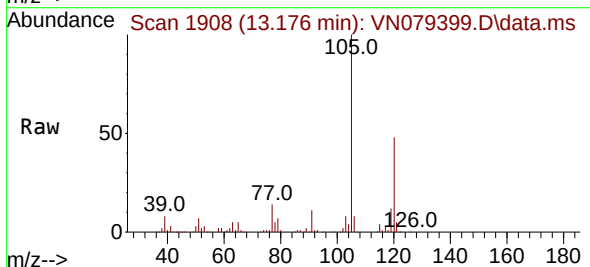
Manual Integrations
APPROVED

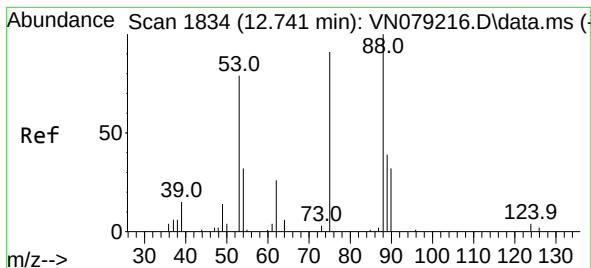
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.419 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

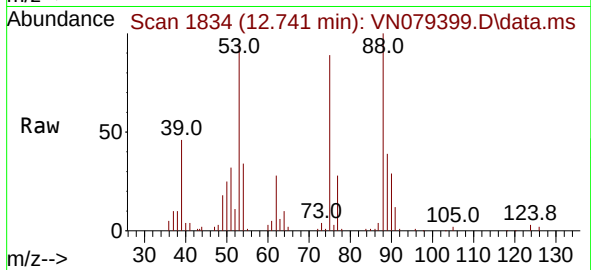
Tgt Ion:105 Resp: 437515
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.100 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

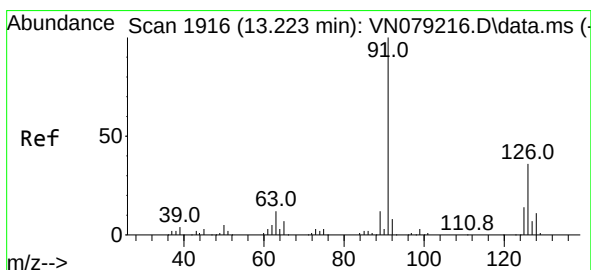
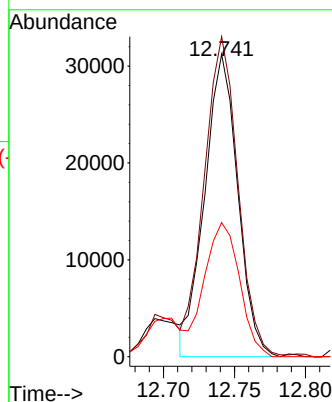
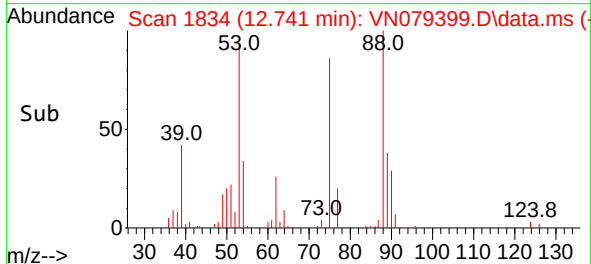
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 50608
Ion Ratio Lower Upper
75 100
53 107.2 67.4 101.2
89 46.2 38.8 58.2

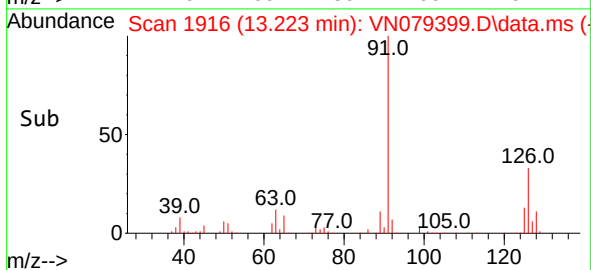
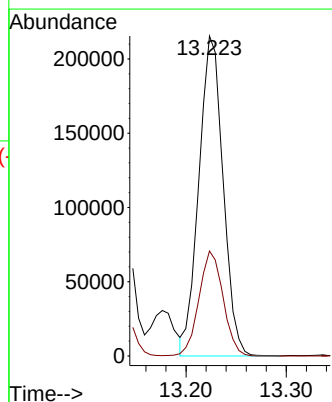
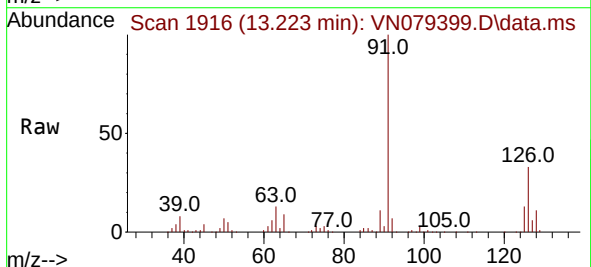
Manual Integrations
APPROVED

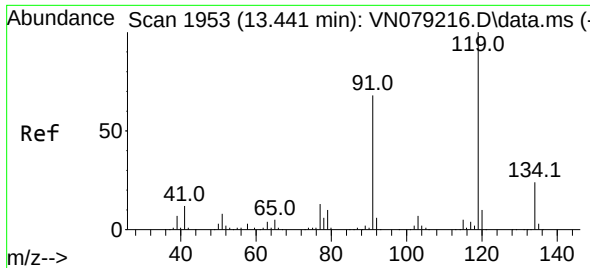
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#82
4-Chlorotoluene
Concen: 50.339 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

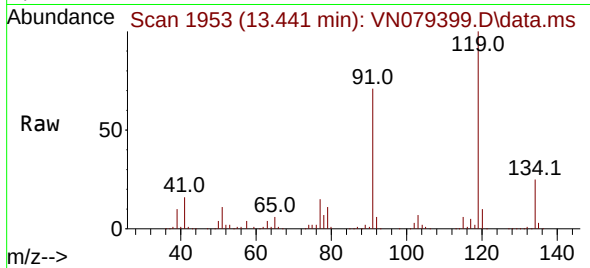
Tgt Ion: 91 Resp: 361921
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.247 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

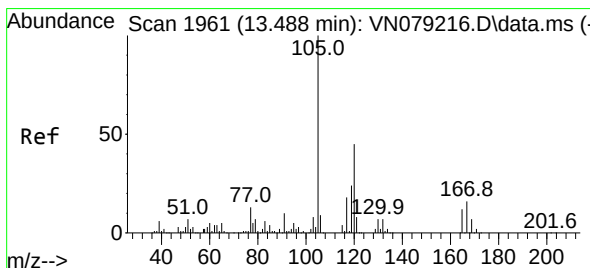
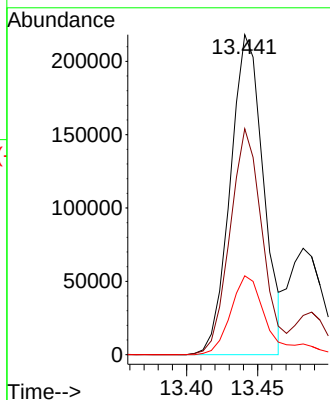
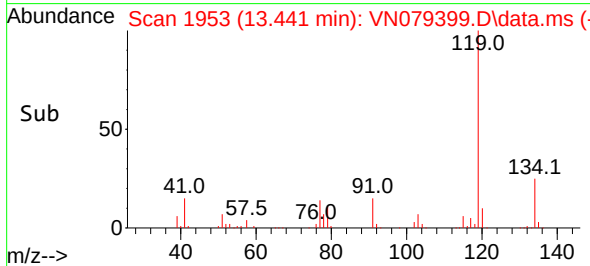
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



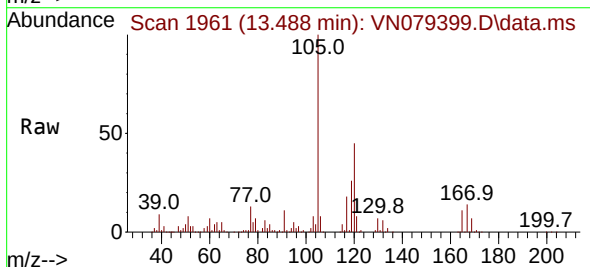
Tgt Ion:119 Resp: 353528
Ion Ratio Lower Upper
119 100
91 69.4 33.9 101.7
134 27.3 13.2 39.6

Manual Integrations
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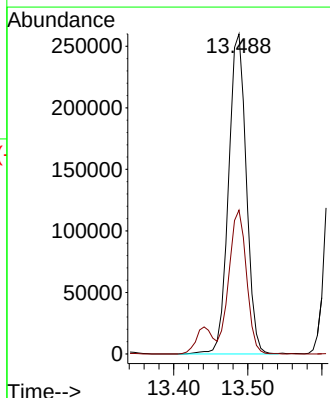
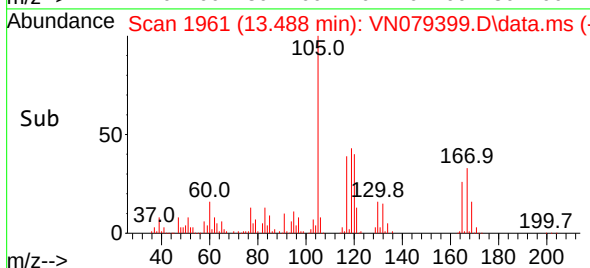
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

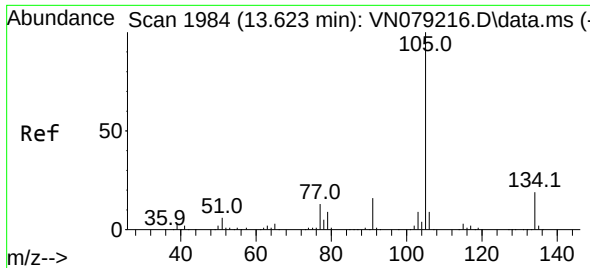


#84
1,2,4-Trimethylbenzene
Concen: 52.170 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04



Tgt Ion:105 Resp: 431139
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





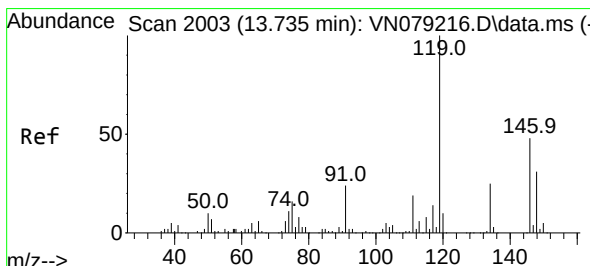
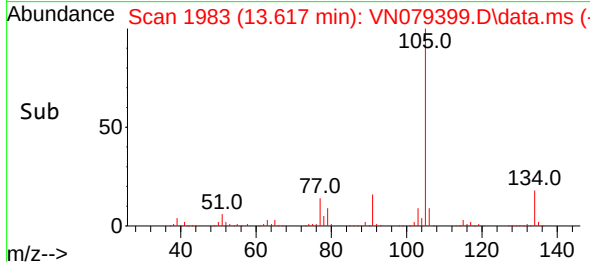
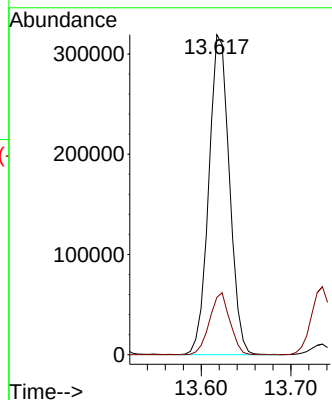
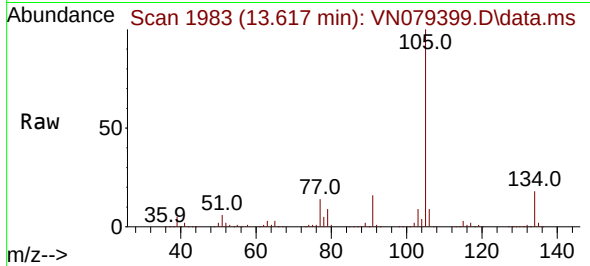
#85
 sec-Butylbenzene
 Concen: 51.539 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079399.D
 Acq: 04 Oct 2023 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 50935
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

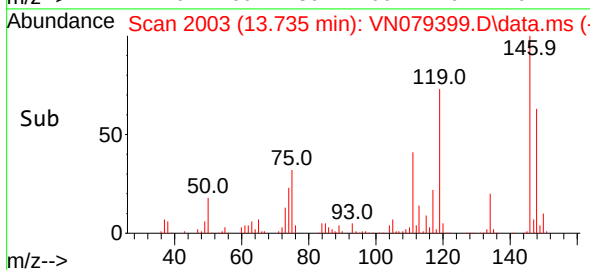
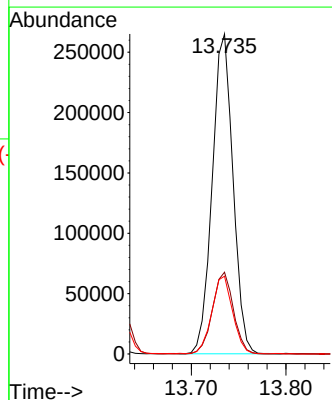
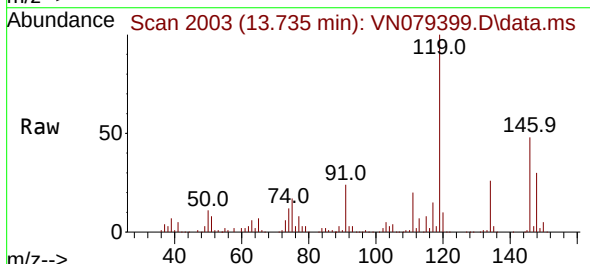
Manual Integrations
 APPROVED

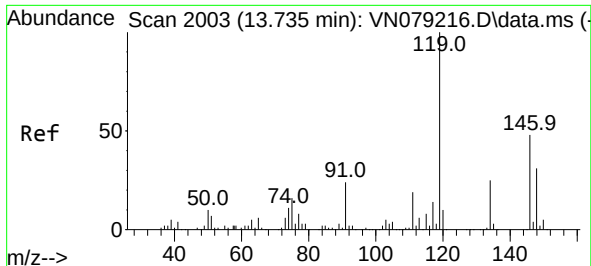
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#86
 p-Isopropyltoluene
 Concen: 51.105 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079399.D
 Acq: 04 Oct 2023 13:04

Tgt Ion:119 Resp: 403503
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.089 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 212318

Ion Ratio Lower Upper

146 100

111 41.5 22.1 66.3

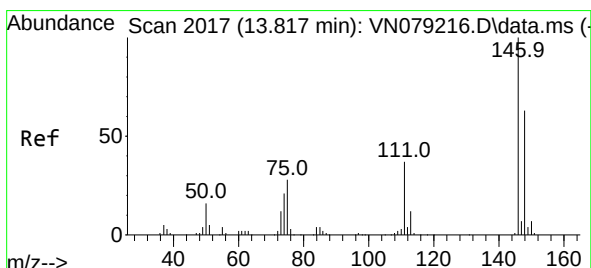
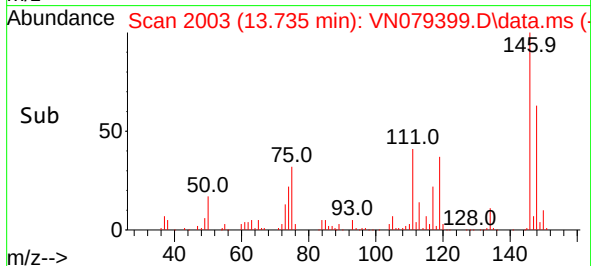
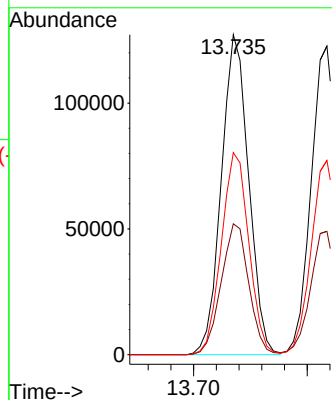
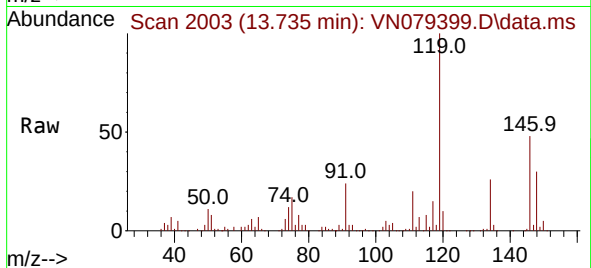
148 63.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#88

1,4-Dichlorobenzene

Concen: 47.042 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

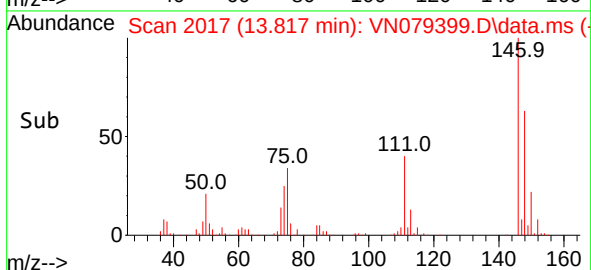
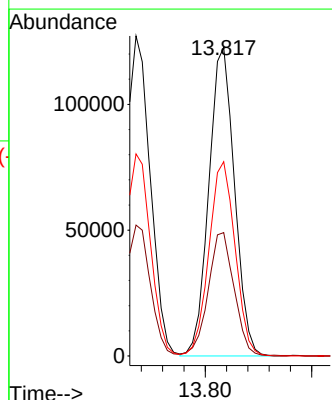
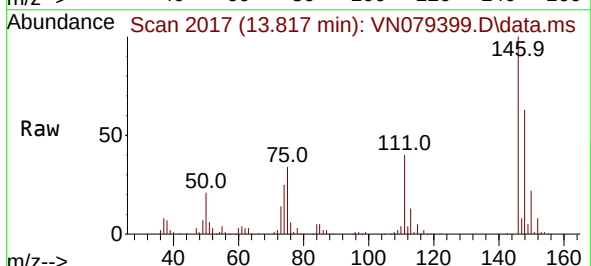
Tgt Ion:146 Resp: 205595

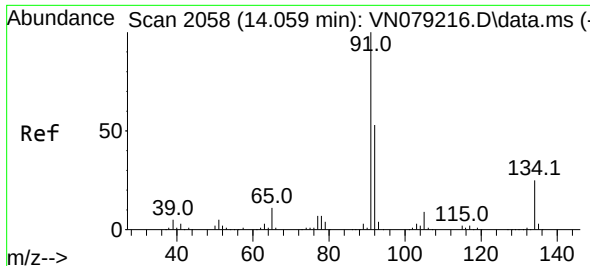
Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.8

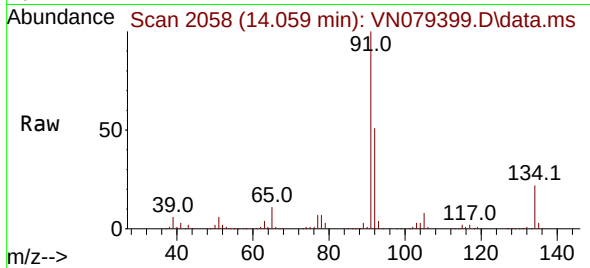
148 64.1 31.6 94.8





#89
n-Butylbenzene
Concen: 52.542 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

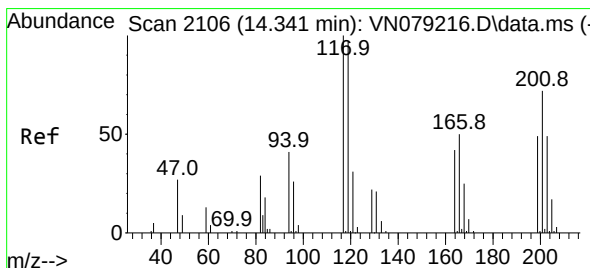
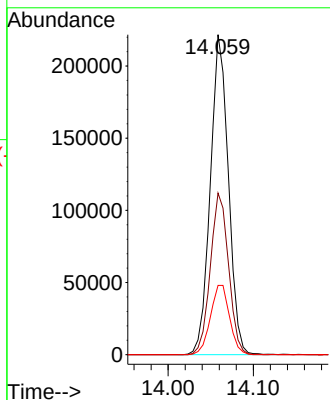
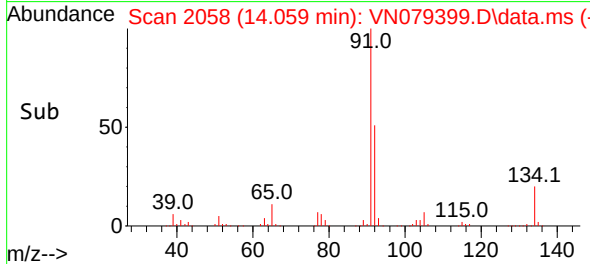
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 32622
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 23.0 12.6 37.6

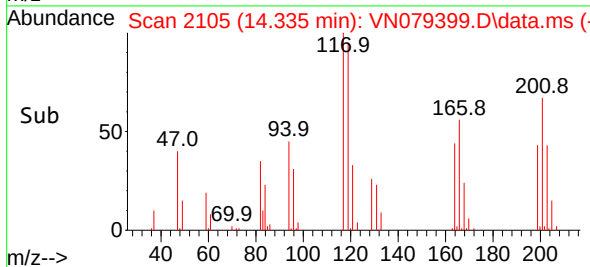
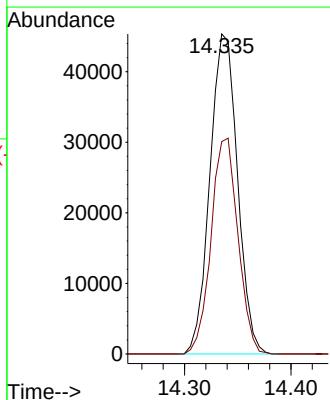
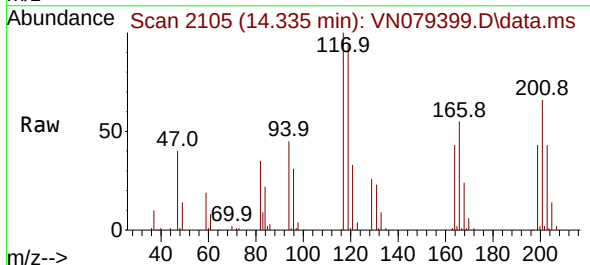
Manual Integrations
APPROVED

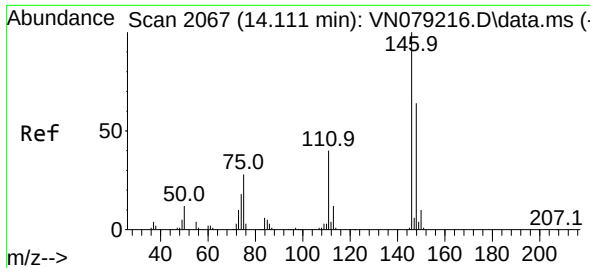
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#90
Hexachloroethane
Concen: 50.850 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

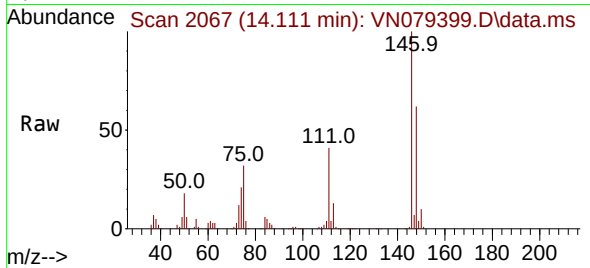
Tgt Ion:117 Resp: 81533
Ion Ratio Lower Upper
117 100
201 65.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 49.009 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

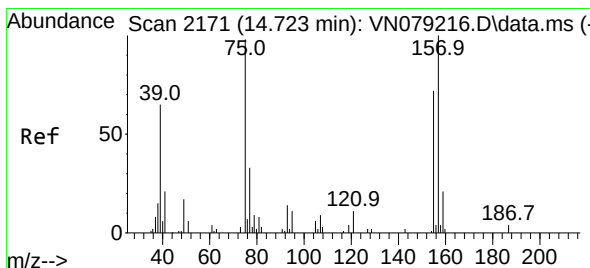
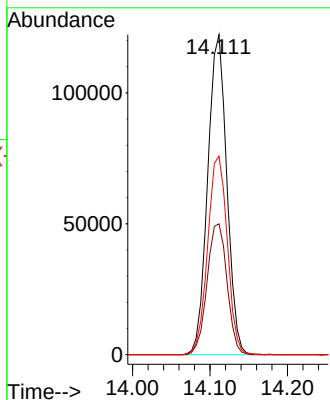
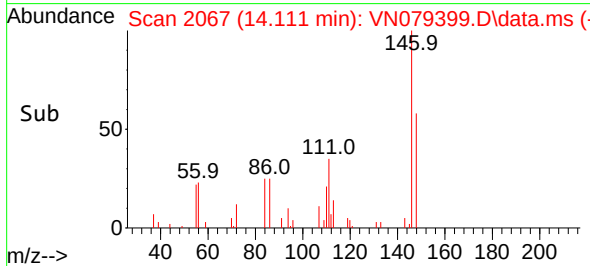
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



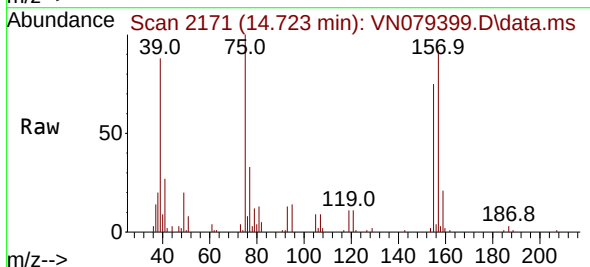
Tgt Ion:146 Resp: 20925
Ion Ratio Lower Upper
146 100
111 42.6 22.0 66.0
148 63.9 31.8 95.3

Manual Integrations
APPROVED

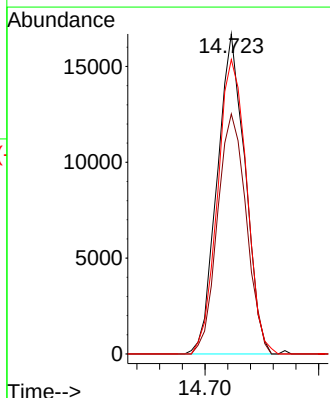
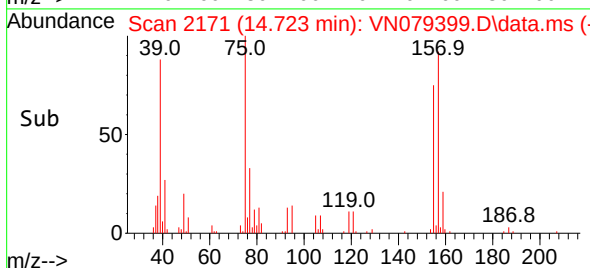
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

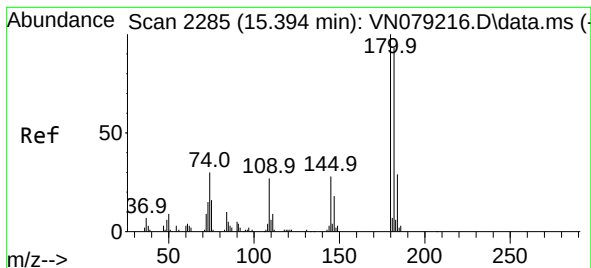


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.395 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04



Tgt Ion: 75 Resp: 28530
Ion Ratio Lower Upper
75 100
155 77.4 39.1 117.2
157 95.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 43.508 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 6675

Ion Ratio Lower Upper

180 100

182 95.3 46.1 138.2

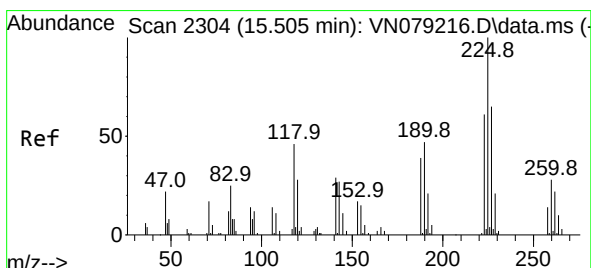
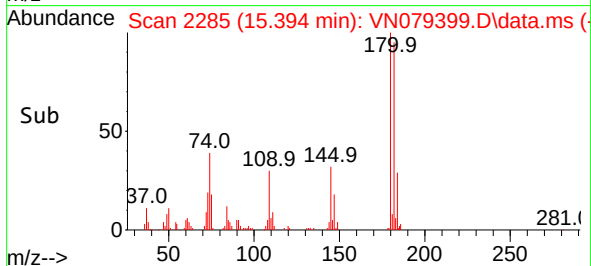
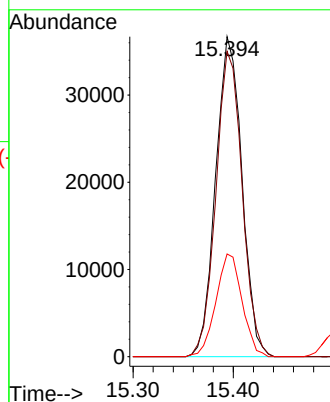
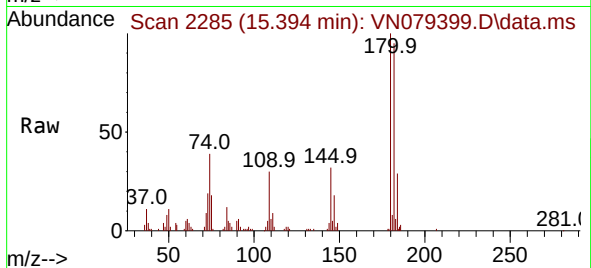
145 31.9 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#94

Hexachlorobutadiene

Concen: 38.320 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN079399.D

Acq: 04 Oct 2023 13:04

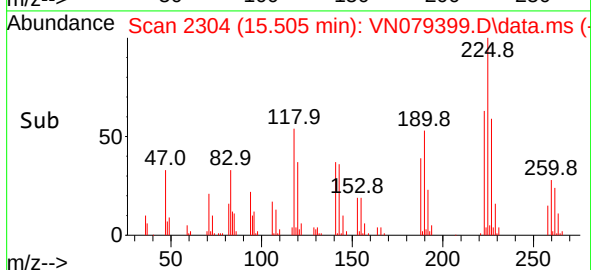
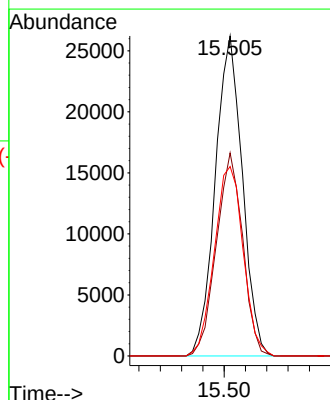
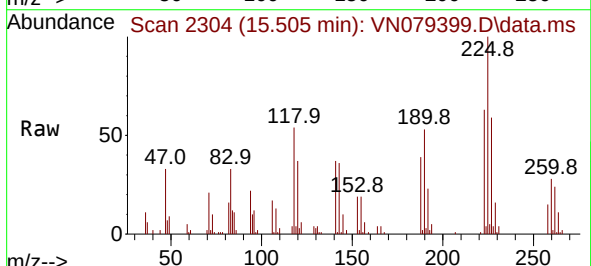
Tgt Ion:225 Resp: 46252

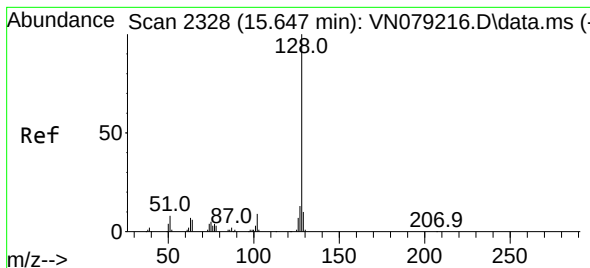
Ion Ratio Lower Upper

225 100

223 61.4 31.3 93.8

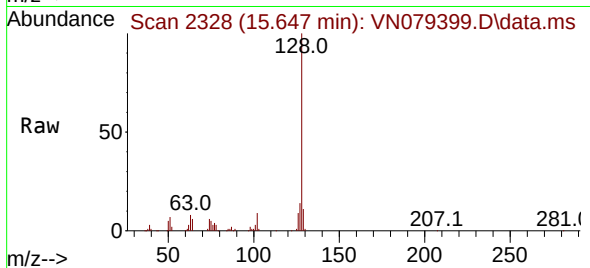
227 63.1 31.9 95.9





#95
Naphthalene
Concen: 39.324 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04

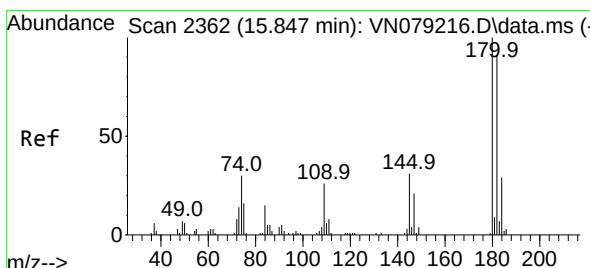
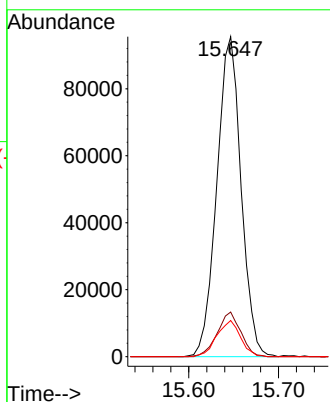
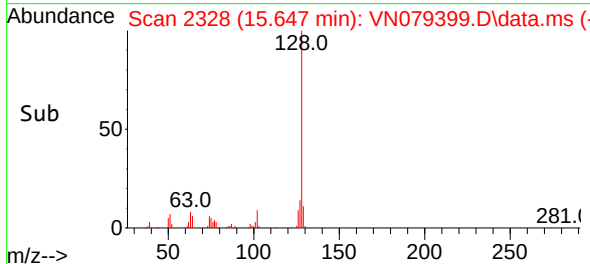
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



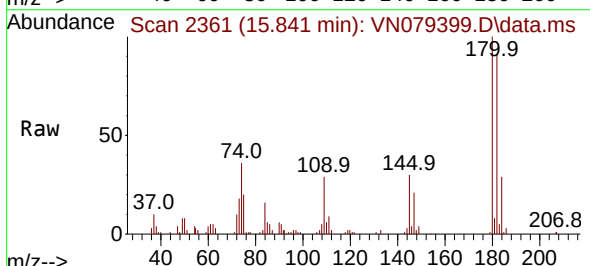
Tgt Ion:128 Resp: 17920
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#96
1,2,3-Trichlorobenzene
Concen: 40.319 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079399.D
Acq: 04 Oct 2023 13:04



Tgt Ion:180 Resp: 72974
Ion Ratio Lower Upper
180 100
182 94.9 46.2 138.6
145 33.2 17.5 52.6

