

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092623\
 Data File : VN079348.D
 Acq On : 26 Sep 2023 12:05
 Operator : JC\MD
 Sample : VN0926WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/27/2023
 Supervised By : Mahesh Dadoda 09/27/2023

Quant Time: Sep 27 06:24:25 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	8.230	168	161232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	285614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	258088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	122875	56.456	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.920%			
35) Dibromofluoromethane	8.171	113	94597	49.792	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.580%			
50) Toluene-d8	10.571	98	336113	48.182	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.360%			
62) 4-Bromofluorobenzene	12.853	95	107226	48.187	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	30826	19.323	ug/l	98
3) Chloromethane	2.365	50	40709	19.439	ug/l	97
4) Vinyl Chloride	2.518	62	45916	20.122	ug/l	98
5) Bromomethane	2.954	94	27621	21.058	ug/l	99
6) Chloroethane	3.118	64	33099	22.135	ug/l	99
7) Trichlorofluoromethane	3.501	101	64047	19.168	ug/l	97
8) Diethyl Ether	3.965	74	23335	20.120	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	33244	18.708	ug/l	97
10) Methyl Iodide	4.595	142	33880	23.308	ug/l	97
11) Tert butyl alcohol	5.524	59	33387	83.088	ug/l	99
12) 1,1-Dichloroethene	4.342	96	31291	18.197	ug/l	86
13) Acrolein	4.183	56	36461	95.125	ug/l	95
14) Allyl chloride	5.030	41	49593	18.079	ug/l	90
15) Acrylonitrile	5.730	53	107060	102.753	ug/l	99
16) Acetone	4.436	43	105457	114.086	ug/l	95
17) Carbon Disulfide	4.718	76	76028	14.146	ug/l	96
18) Methyl Acetate	5.024	43	83482	21.975	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	119093	20.193	ug/l	93
20) Methylene Chloride	5.283	84	42560	18.920	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	36150	18.122	ug/l	89
22) Diisopropyl ether	6.677	45	132783	22.061	ug/l #	88
23) Vinyl Acetate	6.606	43	374247	101.091	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	75697	20.402	ug/l	99
25) 2-Butanone	7.489	43	148705	110.876	ug/l #	78
26) 2,2-Dichloropropane	7.489	77	61013	20.039	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	43224	18.950	ug/l	86
28) Bromochloromethane	7.818	49	34474	20.550	ug/l #	72
29) Tetrahydrofuran	7.847	42	89501	104.864	ug/l #	76
30) Chloroform	7.971	83	79947	20.695	ug/l	91
31) Cyclohexane	8.265	56	58076	18.275	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	64378	19.550	ug/l	95
36) 1,1-Dichloropropene	8.377	75	52377	17.886	ug/l	96
37) Ethyl Acetate	7.565	43	57997	19.856	ug/l #	90
38) Carbon Tetrachloride	8.365	117	54618	18.023	ug/l	92
39) Methylcyclohexane	9.606	83	49164	17.020	ug/l #	88
40) Benzene	8.612	78	164773	18.381	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092623\
 Data File : VN079348.D
 Acq On : 26 Sep 2023 12:05
 Operator : JC\MD
 Sample : VN0926WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/27/2023
 Supervised By : Mahesh Dadoda 09/27/2023

Quant Time: Sep 27 06:24:25 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)
41) Methacrylonitrile	7.783	41	32276	21.916	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	64202	20.803	ug/l	97
43) Isopropyl Acetate	8.694	43	92992	19.512	ug/l #	89
44) Trichloroethene	9.359	130	39155	17.731	ug/l	99
45) 1,2-Dichloropropane	9.624	63	44485	19.995	ug/l	93
46) Dibromomethane	9.712	93	31032	20.547	ug/l	100
47) Bromodichloromethane	9.888	83	63066	20.387	ug/l	94
48) Methyl methacrylate	9.682	41	42857	20.076	ug/l #	82
49) 1,4-Dioxane	9.700	88	16375	372.941	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	295860	106.941	ug/l	88
52) Toluene	10.635	92	103528	18.792	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	61327	18.802	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	67512	19.352	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	43777	20.251	ug/l	97
56) Ethyl methacrylate	10.877	69	57960	18.994	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	73906	19.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	126461	105.335	ug/l	88
59) 2-Hexanone	11.200	43	210465	105.033	ug/l	87
60) Dibromochloromethane	11.365	129	43241	18.795	ug/l	99
61) 1,2-Dibromoethane	11.477	107	40628	18.833	ug/l	98
64) Tetrachloroethene	11.106	164	33712	17.914	ug/l	92
65) Chlorobenzene	11.894	112	104984	17.956	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	40912	18.661	ug/l	96
67) Ethyl Benzene	11.971	91	182430	18.242	ug/l	97
68) m/p-Xylenes	12.076	106	135813	36.435	ug/l	93
69) o-Xylene	12.406	106	65367	18.284	ug/l	94
70) Styrene	12.418	104	107631	18.719	ug/l	98
71) Bromoform	12.582	173	28645	17.698	ug/l #	98
73) Isopropylbenzene	12.700	105	169446	17.930	ug/l	99
74) N-amyl acetate	12.500	43	67790	18.907	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	62895	17.872	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	56641m	20.232	ug/l	
77) Bromobenzene	12.982	156	41124	17.185	ug/l	97
78) n-propylbenzene	13.041	91	200493	18.885	ug/l	98
79) 2-Chlorotoluene	13.129	91	122961	17.708	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	141520	17.971	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	17615	17.298	ug/l #	84
82) 4-Chlorotoluene	13.223	91	118041	18.092	ug/l	98
83) tert-Butylbenzene	13.441	119	114699	17.607	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	139773	18.637	ug/l	99
85) sec-Butylbenzene	13.623	105	166060	18.516	ug/l	100
86) p-Isopropyltoluene	13.735	119	130211	18.173	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	68542	17.463	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	65611	16.543	ug/l	96
89) n-Butylbenzene	14.059	91	103114	18.301	ug/l	95
90) Hexachloroethane	14.335	117	27307	18.767	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	67750	17.485	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9688	18.109	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	20138	14.463	ug/l	97
94) Hexachlorobutadiene	15.500	225	16877	15.408	ug/l	98
95) Naphthalene	15.647	128	52059	12.588	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	23217	14.135	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092623\
Data File : VN079348.D
Acq On : 26 Sep 2023 12:05
Operator : JC\MD
Sample : VN0926WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

Quant Time: Sep 27 06:24:25 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)
----------	------	------	----------	------	-------	----------

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

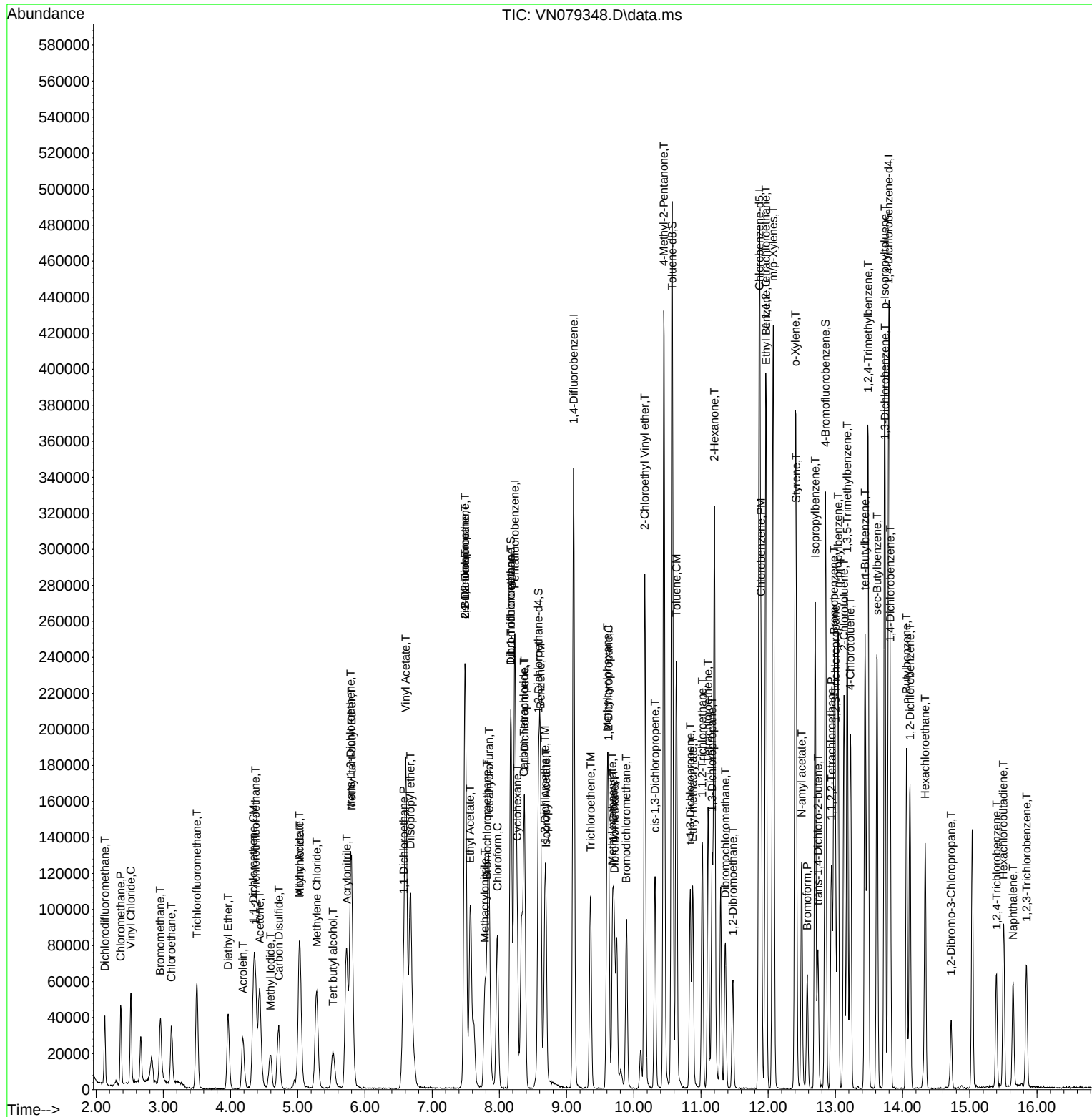
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092623\
Data File : VN079348.D
Acq On : 26 Sep 2023 12:05
Operator : JC\MD
Sample : VN0926WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

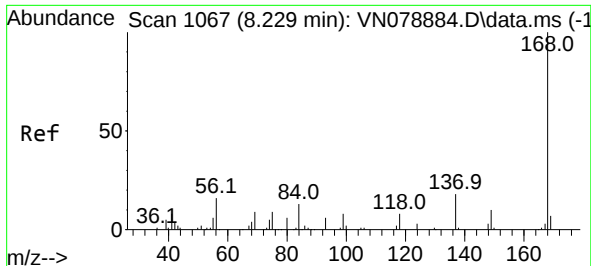
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

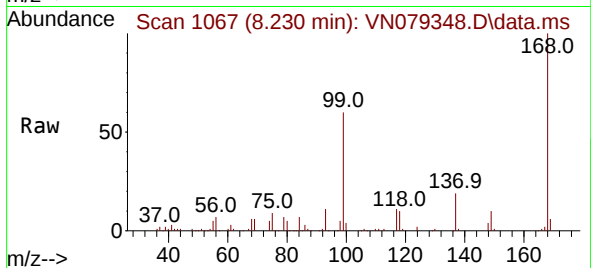
Quant Time: Sep 27 06:24:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

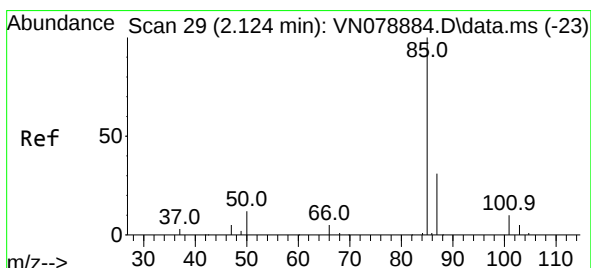
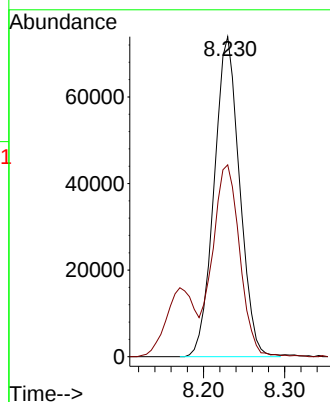
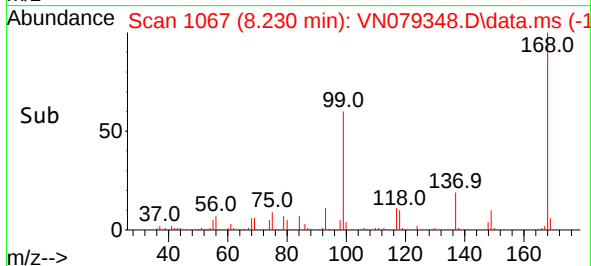
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion:168 Resp: 16123
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6

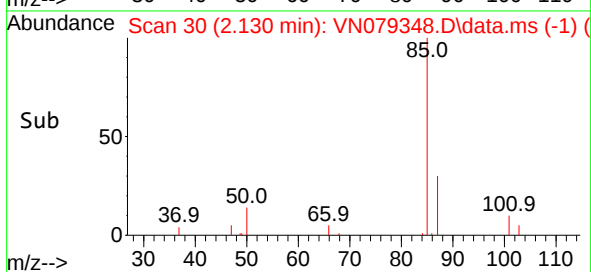
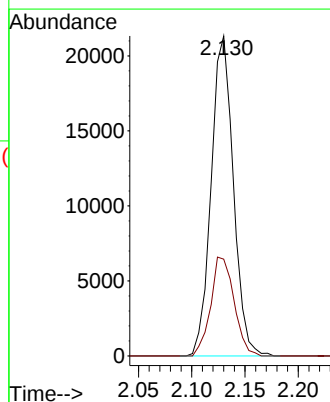
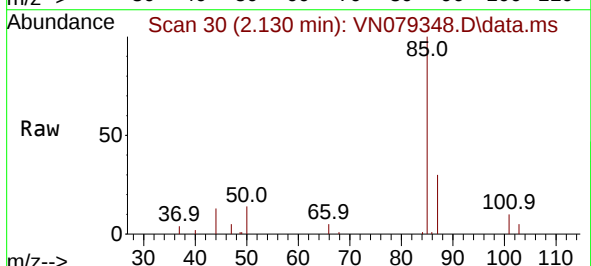
Manual Integrations
APPROVED

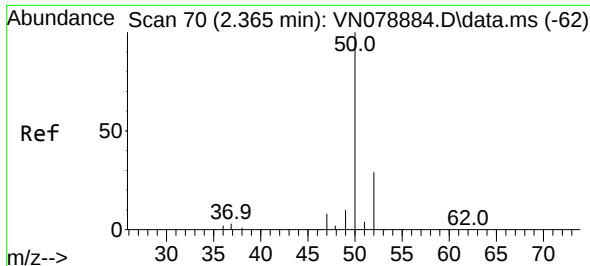
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#2
Dichlorodifluoromethane
Concen: 19.323 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion: 85 Resp: 30826
Ion Ratio Lower Upper
85 100
87 30.2 15.8 47.4





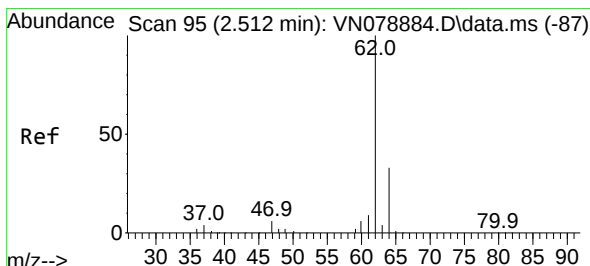
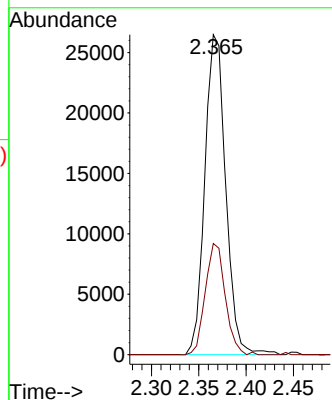
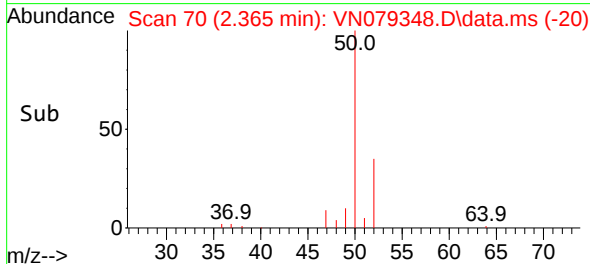
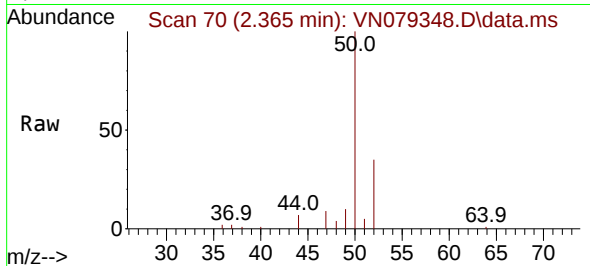
#3
Chloromethane
Concen: 19.439 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tgt Ion: 50 Resp: 40709
Ion Ratio Lower Upper
50 100
52 34.7 26.5 39.7

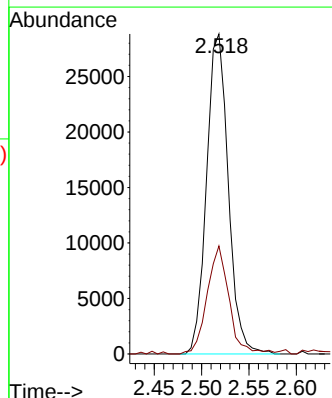
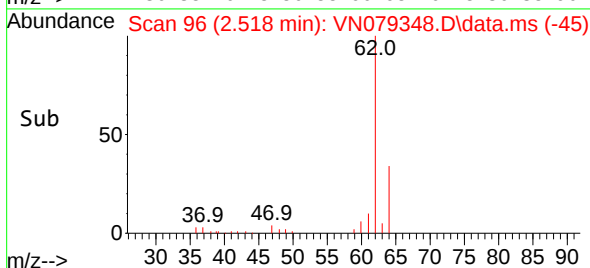
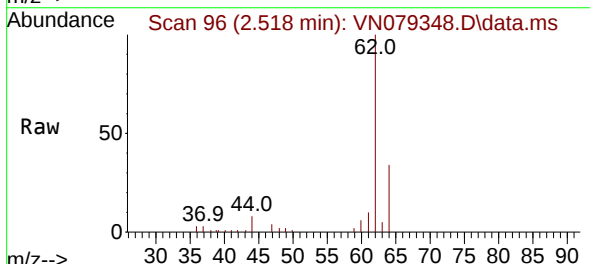
Manual Integrations
APPROVED

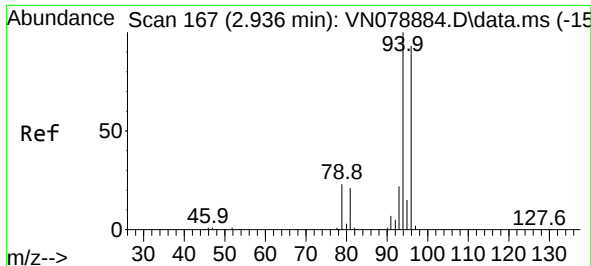
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#4
Vinyl Chloride
Concen: 20.122 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion: 62 Resp: 45916
Ion Ratio Lower Upper
62 100
64 33.7 26.2 39.2





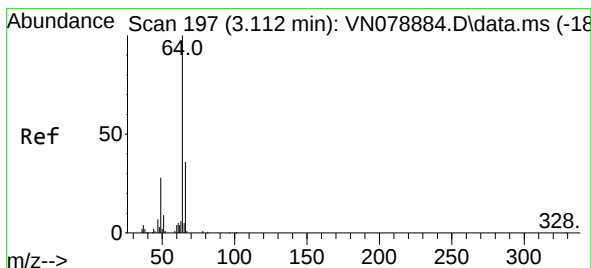
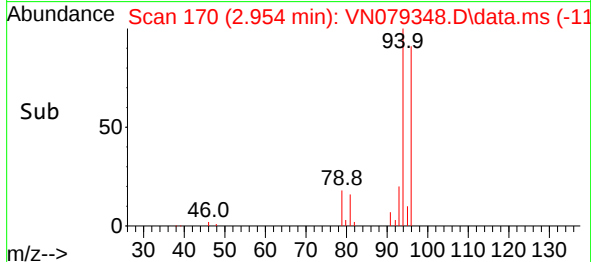
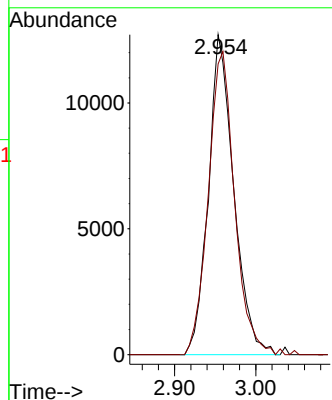
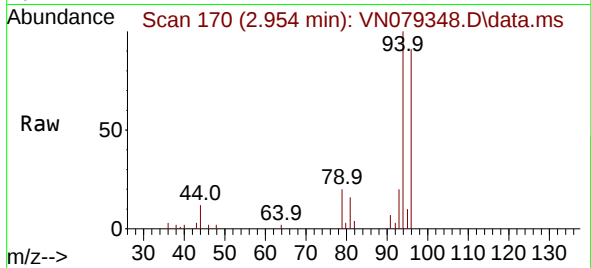
#5
Bromomethane
Concen: 21.058 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tgt Ion: 94 Resp: 2762
Ion Ratio Lower Upper
94 100
96 90.9 73.1 109.7

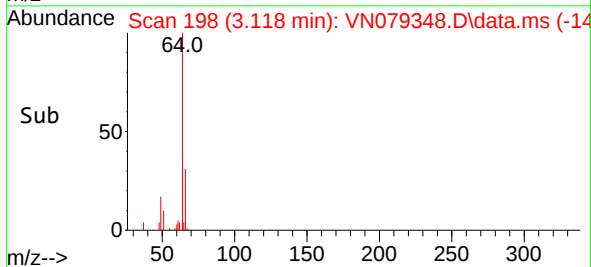
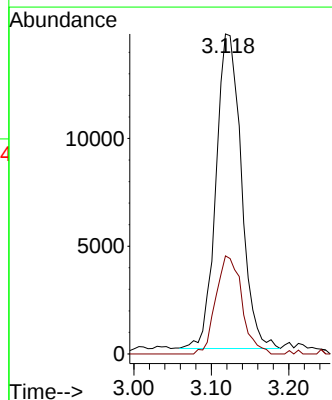
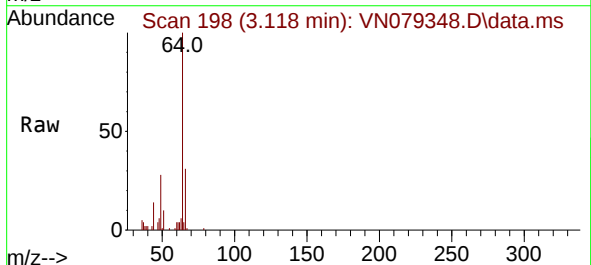
Manual Integrations
APPROVED

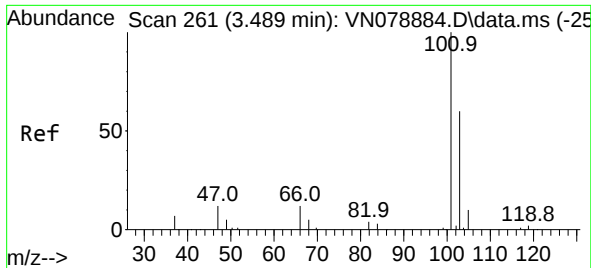
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#6
Chloroethane
Concen: 22.135 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion: 64 Resp: 33099
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2





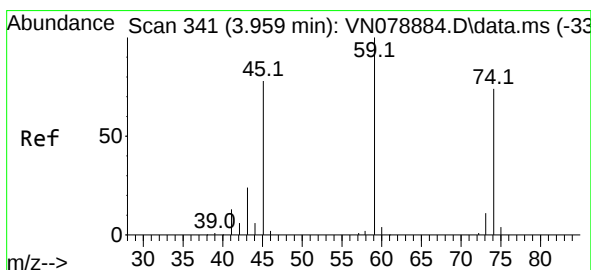
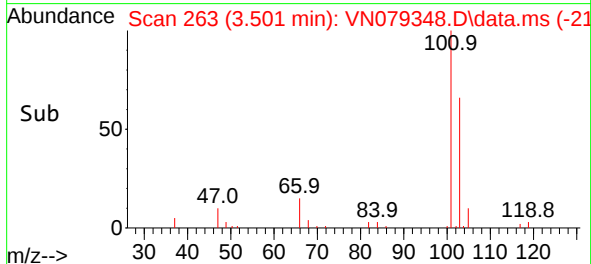
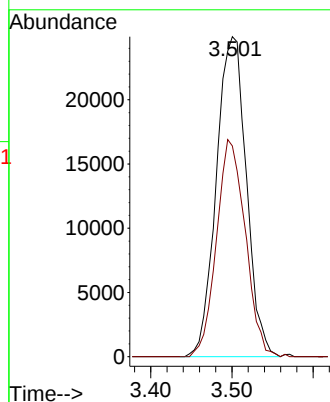
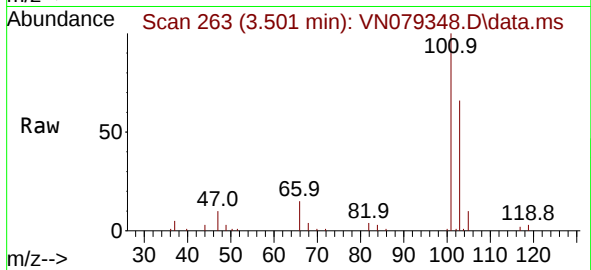
#7
Trichlorofluoromethane
Concen: 19.168 ug/l
RT: 3.501 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tgt Ion:101 Resp: 6404
Ion Ratio Lower Upper
101 100
103 65.8 50.7 76.1

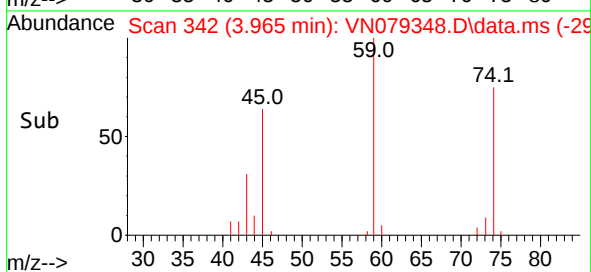
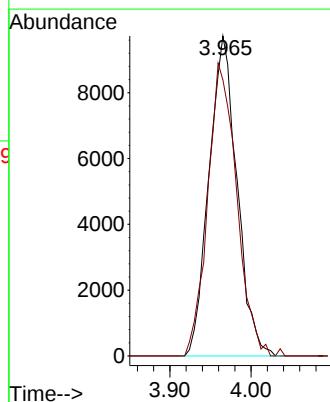
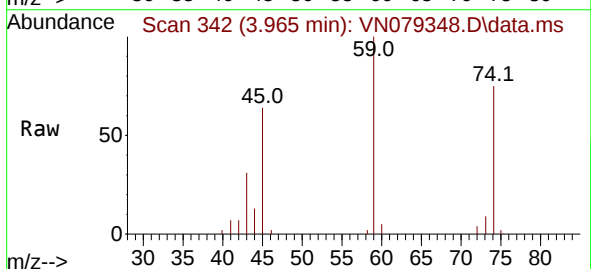
Manual Integrations
APPROVED

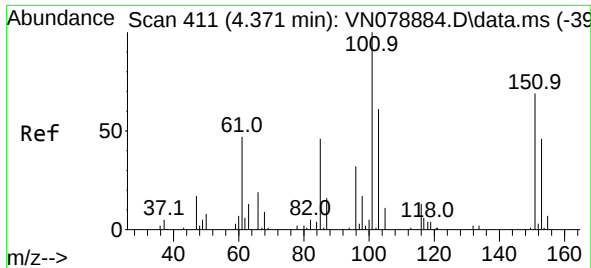
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#8
Diethyl Ether
Concen: 20.120 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion: 74 Resp: 23335
Ion Ratio Lower Upper
74 100
45 94.2 34.4 103.3





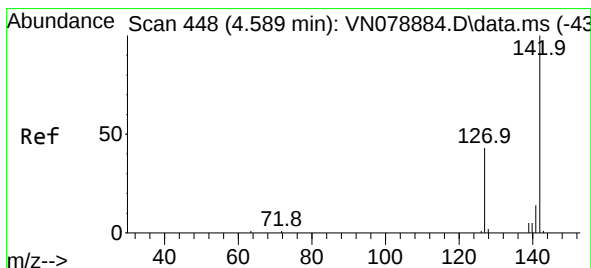
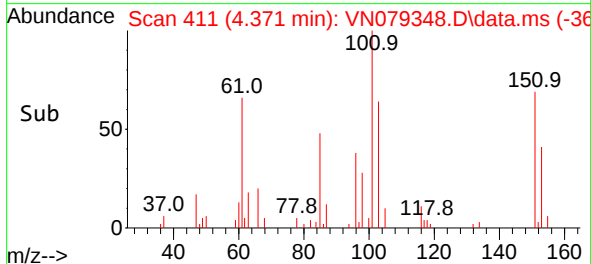
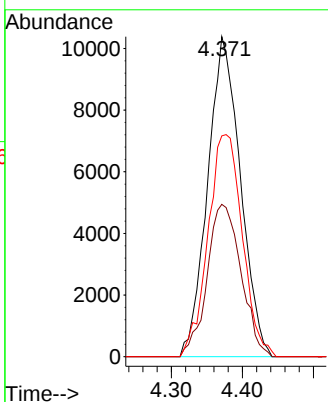
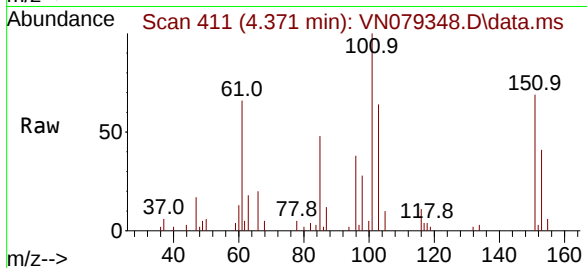
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.708 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tgt Ion:101 Resp: 3324
Ion Ratio Lower Upper
101 100
85 49.2 36.6 55.0
151 72.8 57.6 86.4

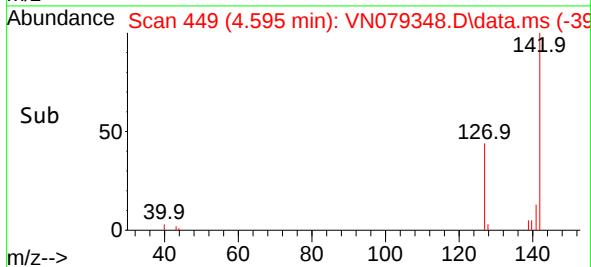
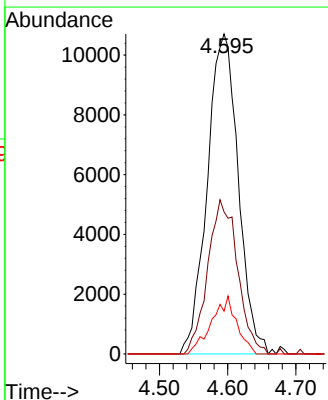
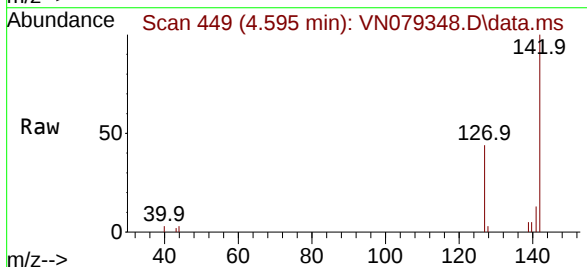
Manual Integrations
APPROVED

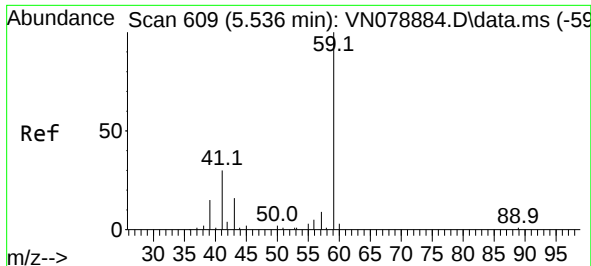
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#10
Methyl Iodide
Concen: 23.308 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

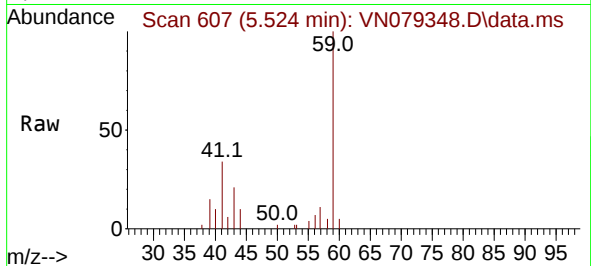
Tgt Ion:142 Resp: 33880
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 13.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 83.088 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

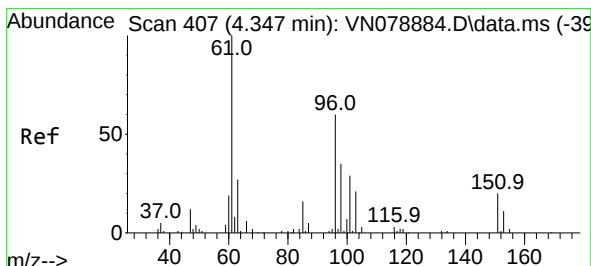
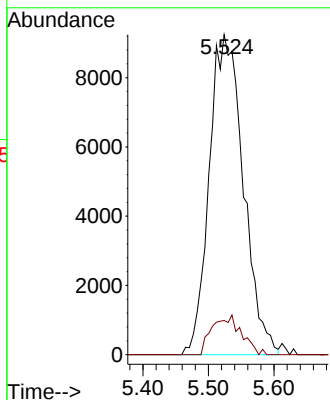
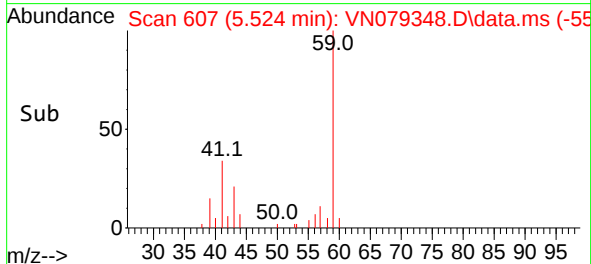
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion: 59 Resp: 3338
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

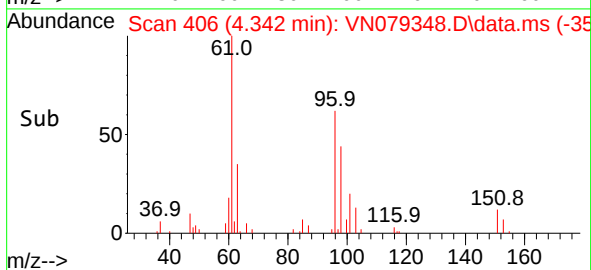
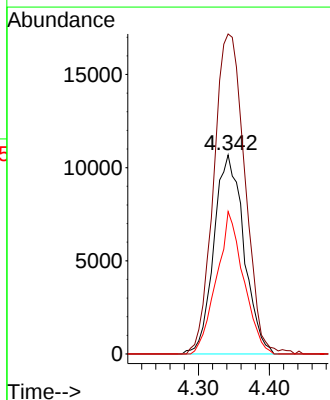
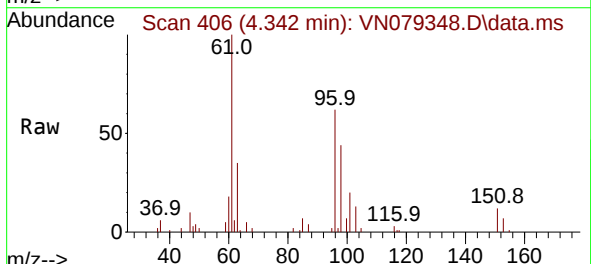
Manual Integrations
APPROVED

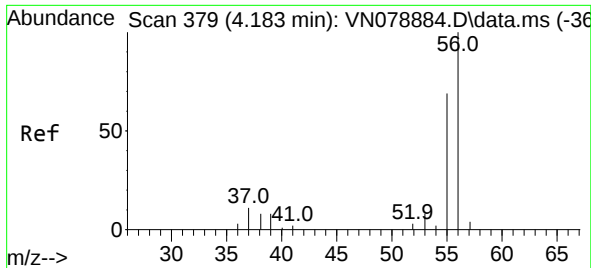
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#12
1,1-Dichloroethene
Concen: 18.197 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

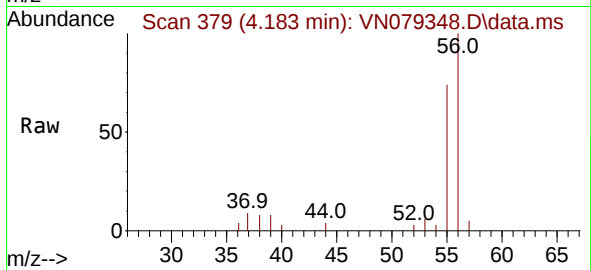
Tgt Ion: 96 Resp: 31291
Ion Ratio Lower Upper
96 100
61 160.7 112.7 169.1
98 71.5 51.2 76.8





#13
Acrolein
Concen: 95.125 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

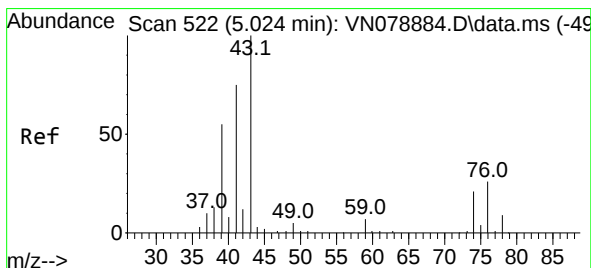
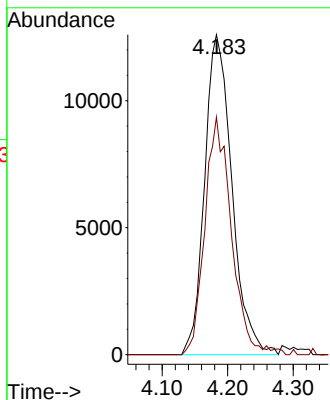
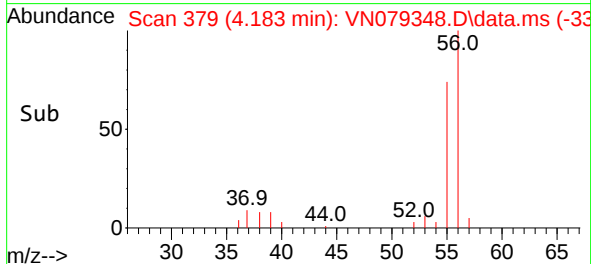
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



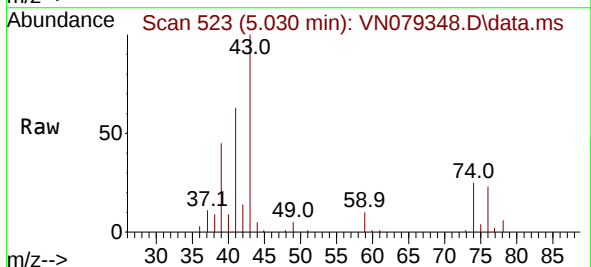
Tgt Ion: 56 Resp: 3646
Ion Ratio Lower Upper
56 100
55 72.2 54.5 81.7

Manual Integrations
APPROVED

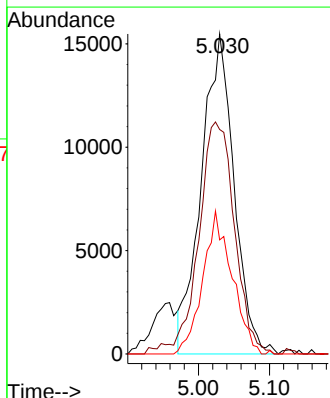
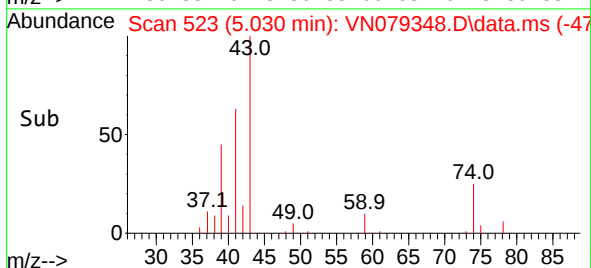
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

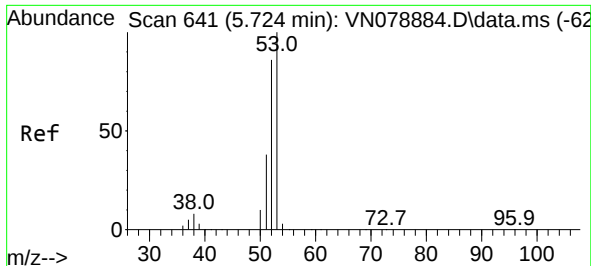


#14
Allyl chloride
Concen: 18.079 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05



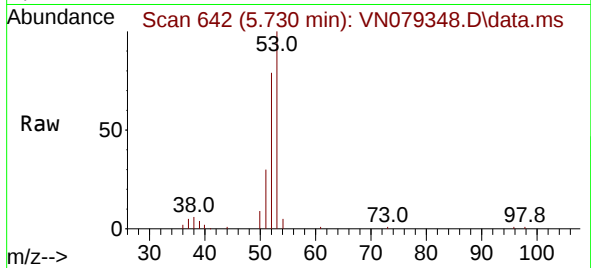
Tgt Ion: 41 Resp: 49593
Ion Ratio Lower Upper
41 100
39 79.5 58.8 88.2
76 39.7 39.1 58.7





#15
Acrylonitrile
Concen: 102.753 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

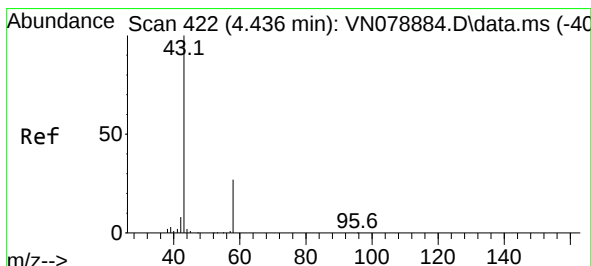
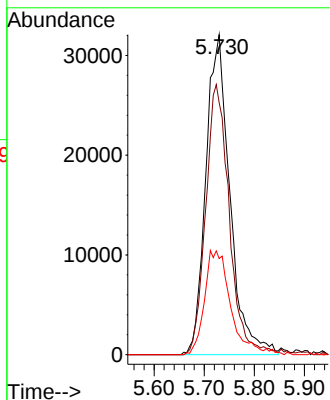
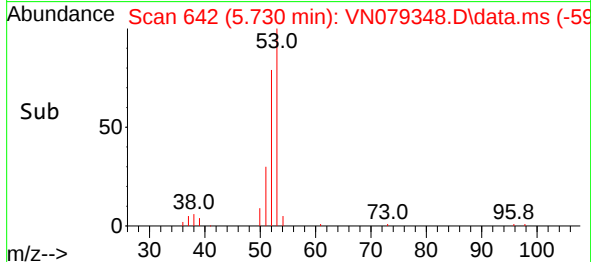
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion: 53 Resp: 107060
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 34.7 28.9 43.3

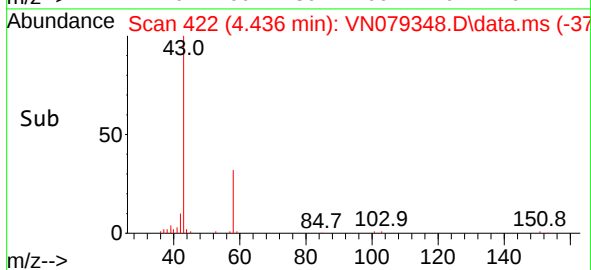
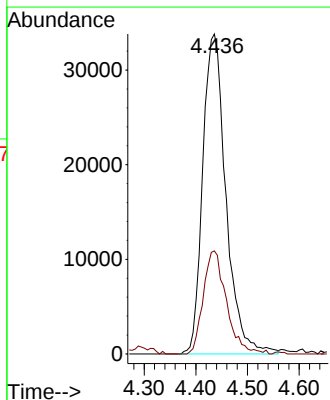
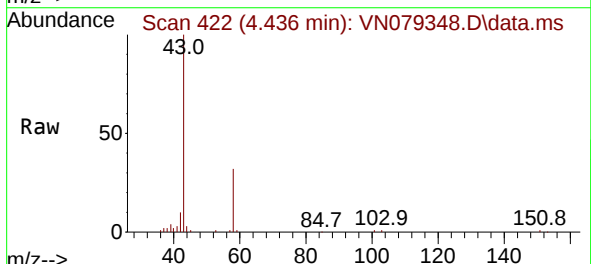
Manual Integrations
APPROVED

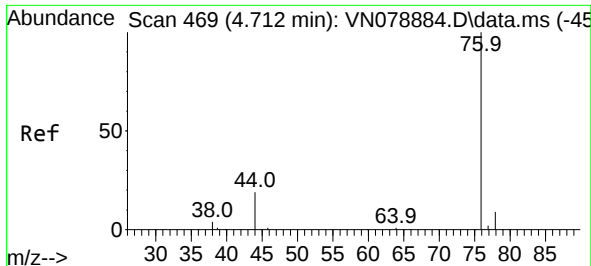
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#16
Acetone
Concen: 114.086 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion: 43 Resp: 105457
Ion Ratio Lower Upper
43 100
58 32.2 28.0 42.0





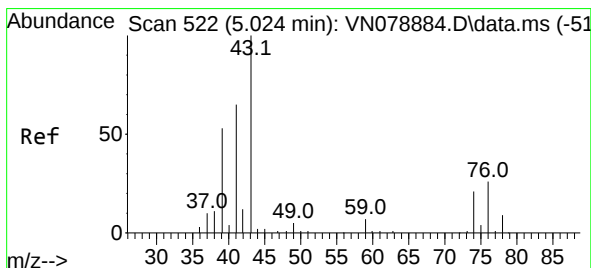
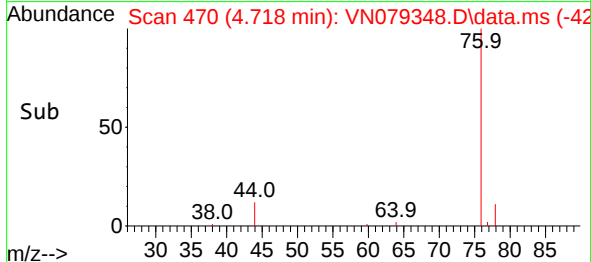
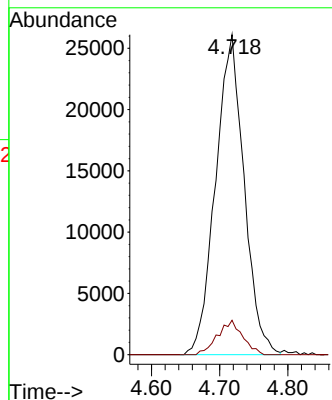
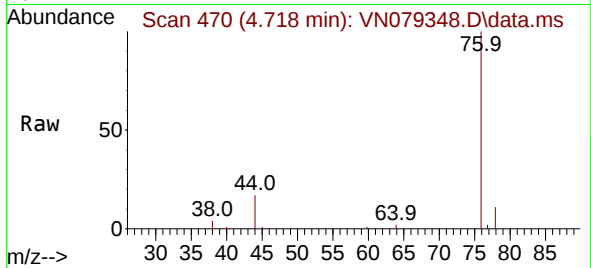
#17
Carbon Disulfide
Concen: 14.146 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tgt Ion: 76 Resp: 76028
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0

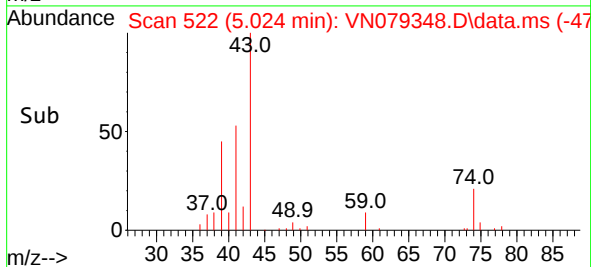
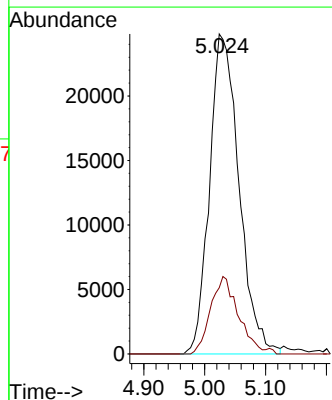
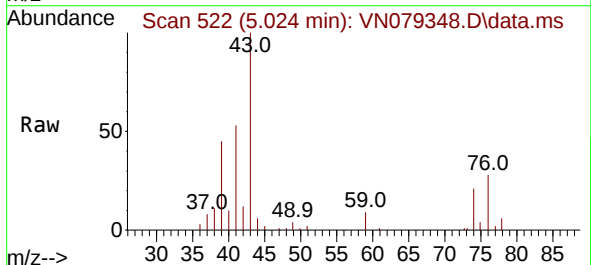
Manual Integrations
APPROVED

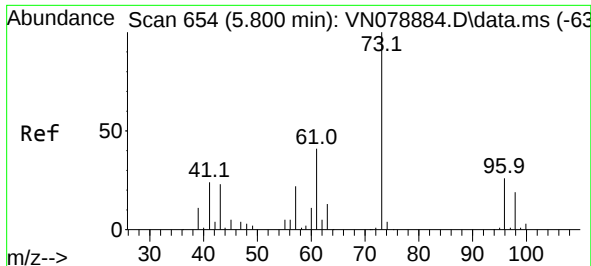
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#18
Methyl Acetate
Concen: 21.975 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion: 43 Resp: 83482
Ion Ratio Lower Upper
43 100
74 23.1 26.2 39.4#





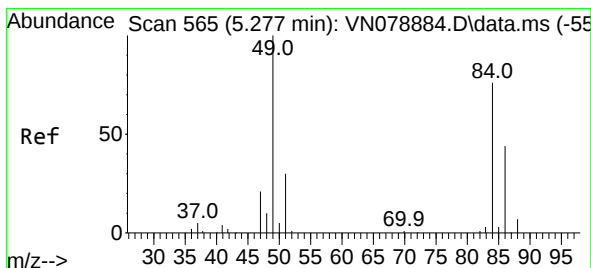
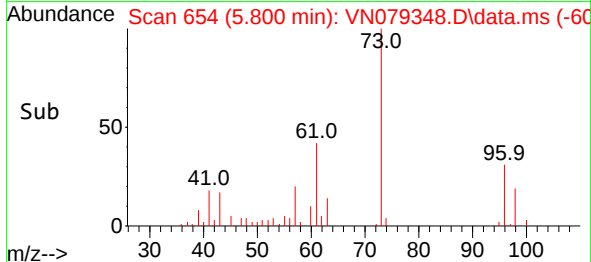
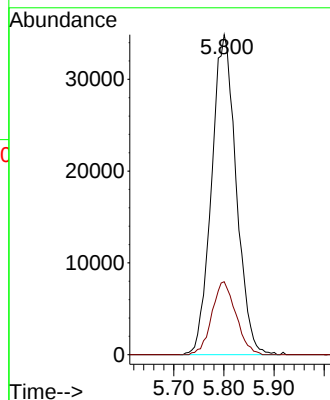
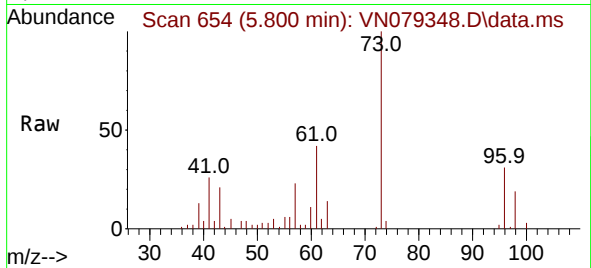
#19
Methyl tert-butyl Ether
Concen: 20.193 ug/l
RT: 5.800 min Scan# 611
Delta R.T. -0.018 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tgt Ion: 73 Resp: 119093
Ion Ratio Lower Upper
73 100
57 22.8 15.6 23.4

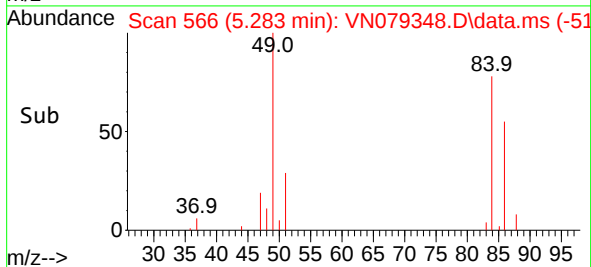
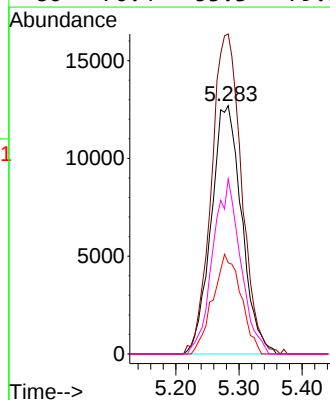
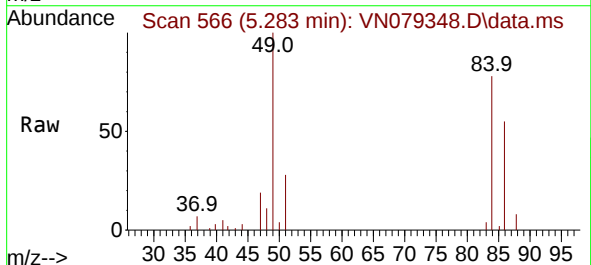
Manual Integrations
APPROVED

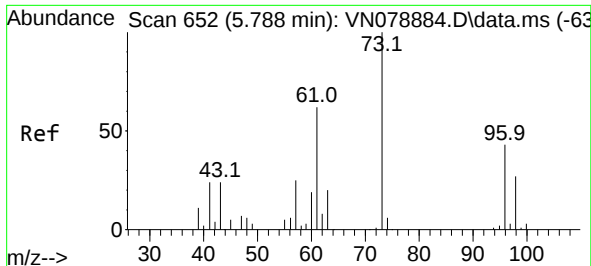
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#20
Methylene Chloride
Concen: 18.920 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

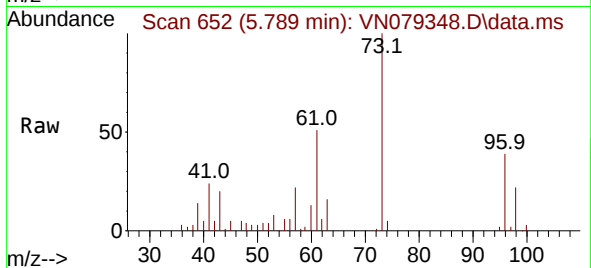
Tgt Ion: 84 Resp: 42560
Ion Ratio Lower Upper
84 100
49 128.9 79.7 119.5#
51 36.7 25.2 37.8
86 70.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.122 ug/l
RT: 5.789 min Scan# 615
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

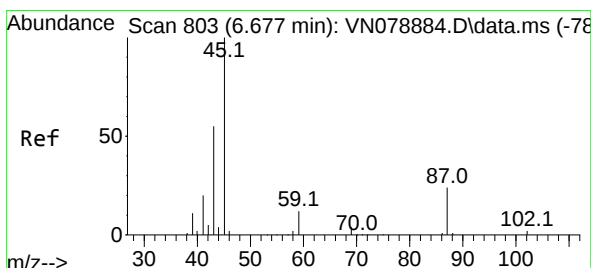
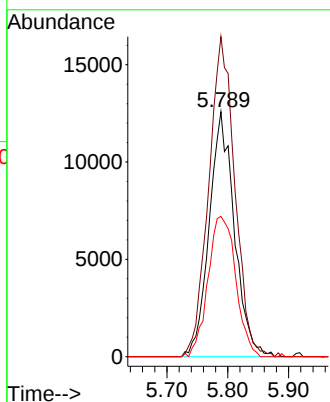
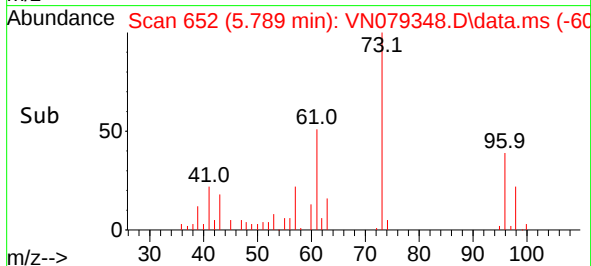
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion: 96 Resp: 36150
Ion Ratio Lower Upper
96 100
61 130.7 90.1 135.1
98 57.3 46.4 69.6

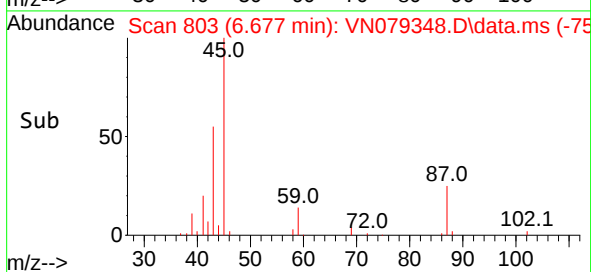
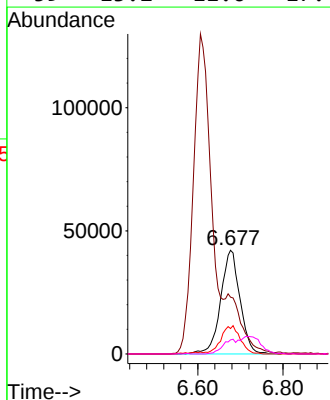
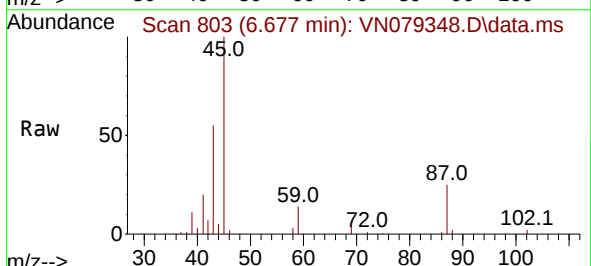
Manual Integrations
APPROVED

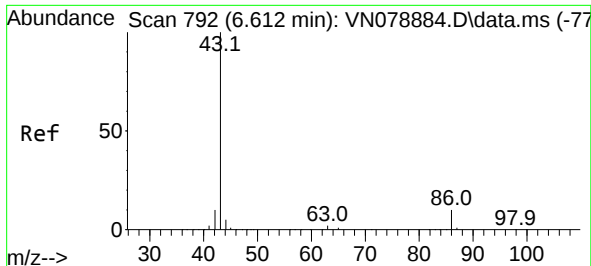
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#22
Diisopropyl ether
Concen: 22.061 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

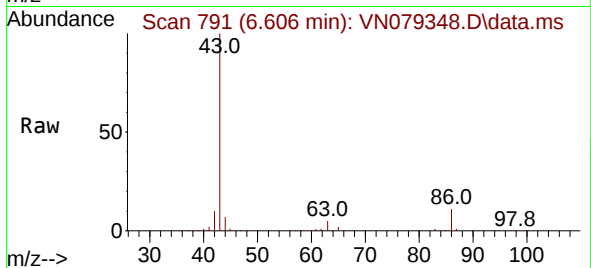
Tgt Ion: 45 Resp: 132783
Ion Ratio Lower Upper
45 100
43 52.9 45.5 68.3
87 24.6 31.8 47.8#
59 13.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 101.091 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079348.D
 Acq: 26 Sep 2023 12:05

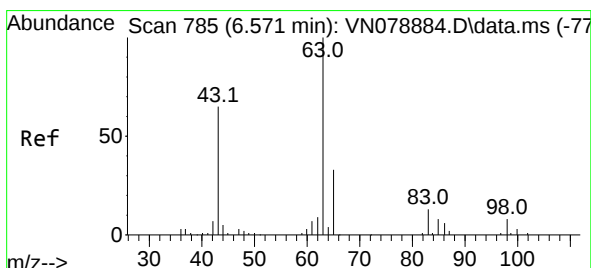
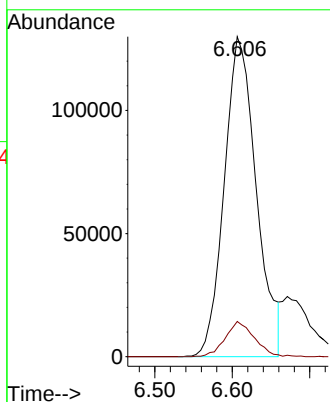
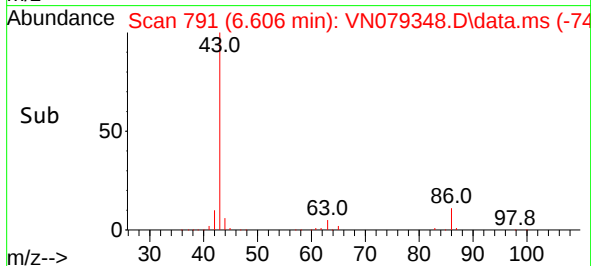
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01



Tgt Ion: 43 Resp: 37424
 Ion Ratio Lower Upper
 43 100
 86 11.0 13.0 19.6

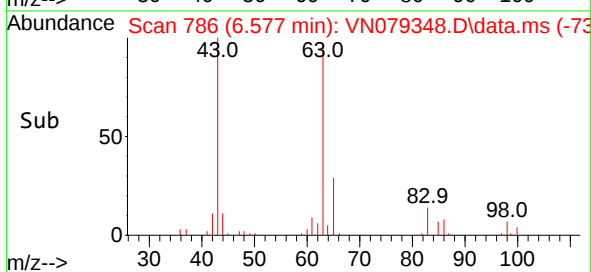
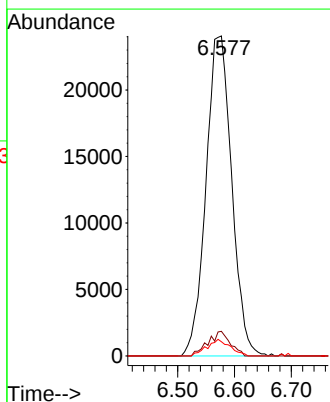
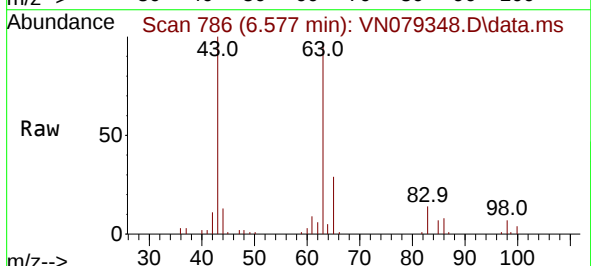
Manual Integrations
 APPROVED

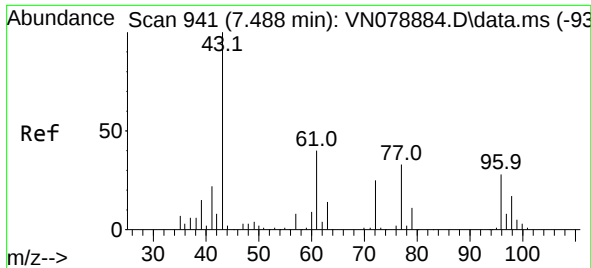
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023



#24
 1,1-Dichloroethane
 Concen: 20.402 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079348.D
 Acq: 26 Sep 2023 12:05

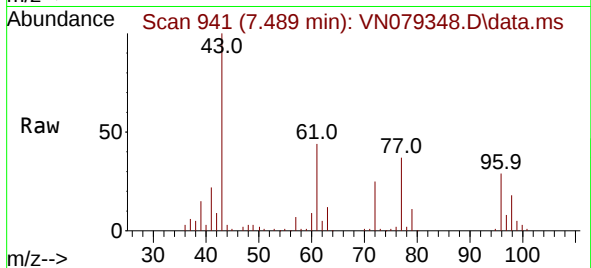
Tgt Ion: 63 Resp: 75697
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 110.876 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

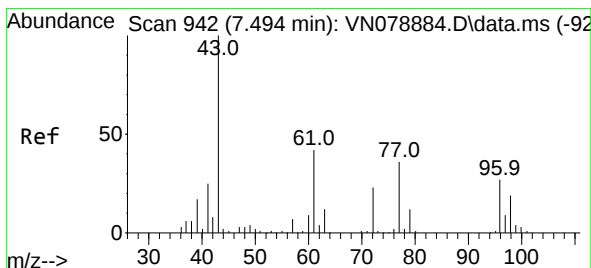
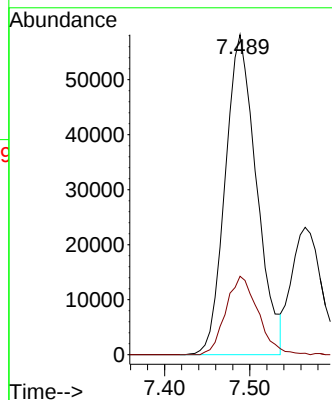
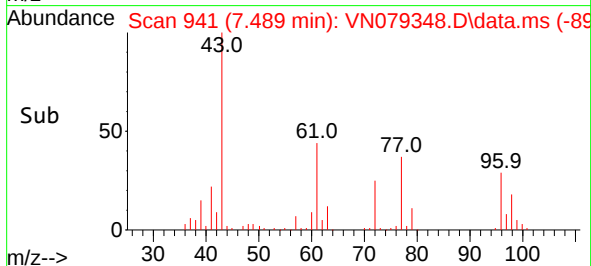
Instrument :
MSVOA_N
Client Sample Id :
VN0926WBSD01



Tgt Ion: 43 Resp: 14870
Ion Ratio Lower Upper
43 100
72 24.5 30.2 45.2

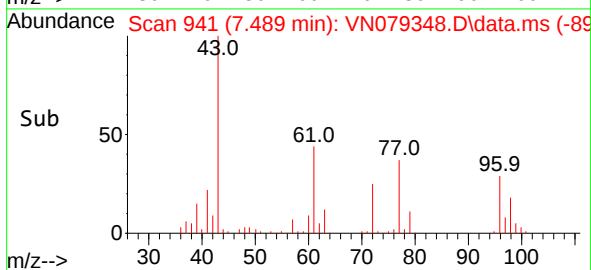
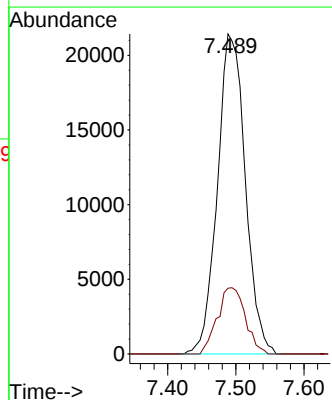
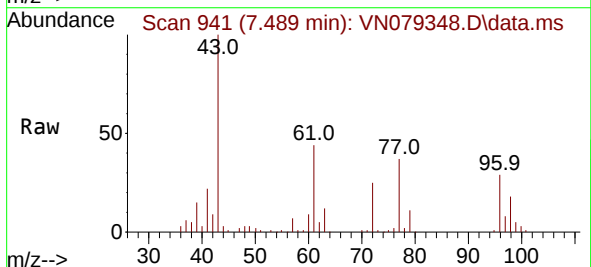
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#26
2,2-Dichloropropane
Concen: 20.039 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.011 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

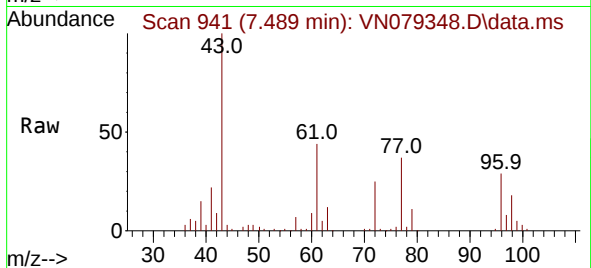
Tgt Ion: 77 Resp: 61013
Ion Ratio Lower Upper
77 100
97 20.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.950 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.011 min
 Lab File: VN079348.D
 Acq: 26 Sep 2023 12:05

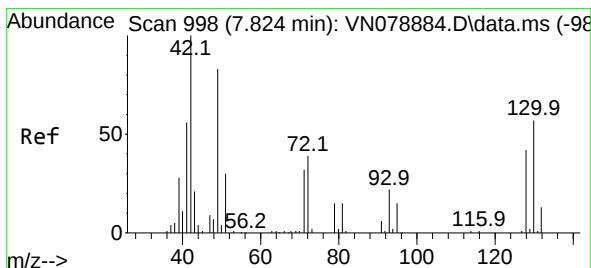
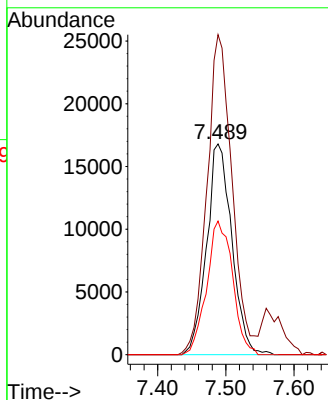
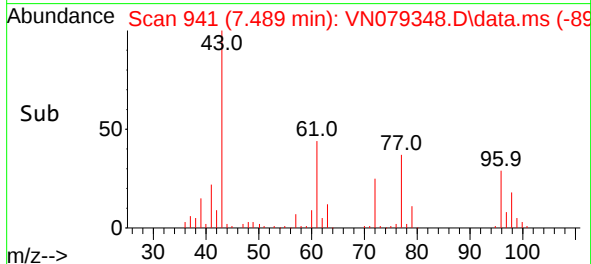
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01



Tgt Ion: 96 Resp: 43224
 Ion Ratio Lower Upper
 96 100
 61 151.9 0.0 255.2
 98 65.1 0.0 128.8

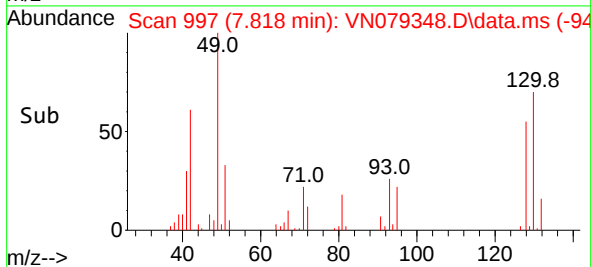
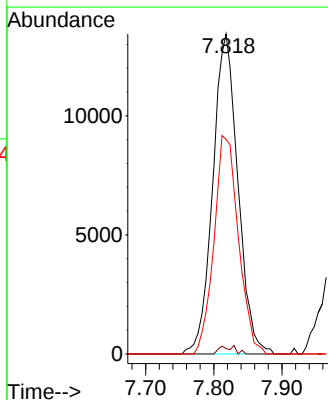
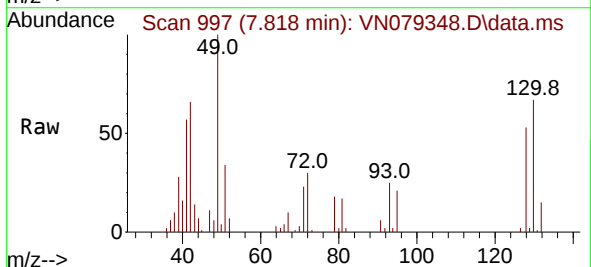
Manual Integrations
 APPROVED

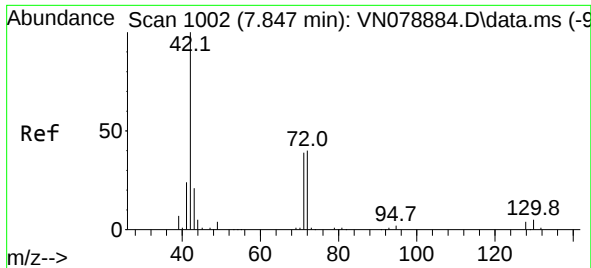
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023



#28
 Bromochloromethane
 Concen: 20.550 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079348.D
 Acq: 26 Sep 2023 12:05

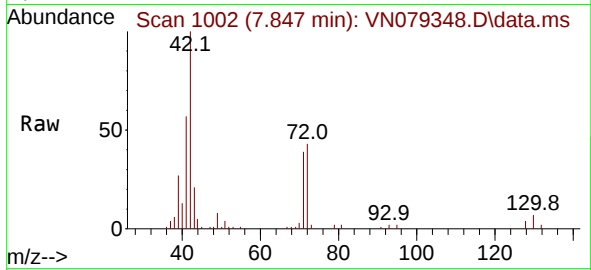
Tgt Ion: 49 Resp: 34474
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.8
 130 66.3 75.3 112.9#





#29
Tetrahydrofuran
Concen: 104.864 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

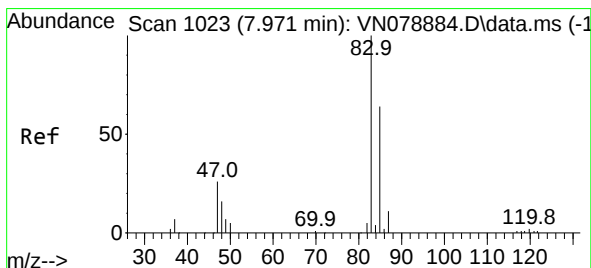
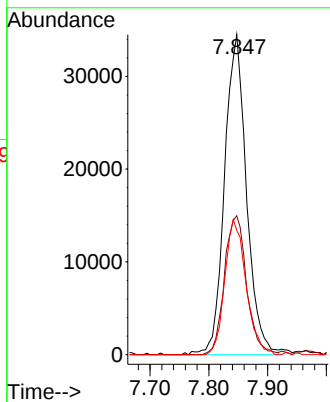
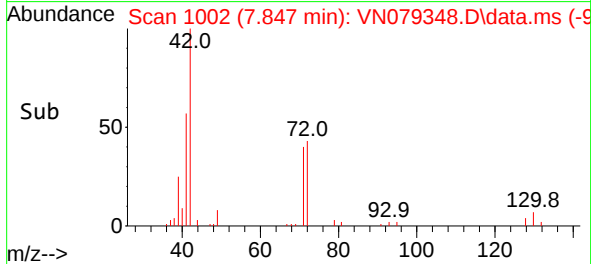
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion: 42 Resp: 8950
Ion Ratio Lower Upper
42 100
72 43.8 49.8 74.6
71 40.8 47.4 71.2

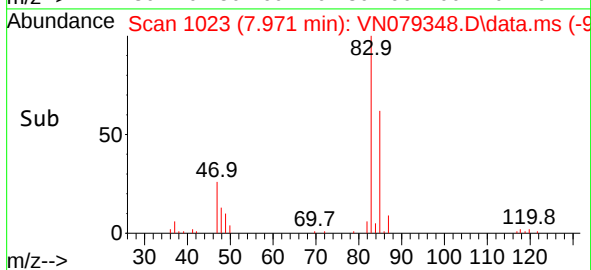
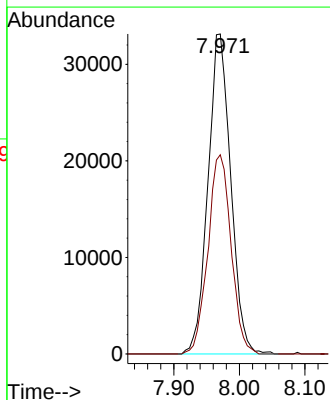
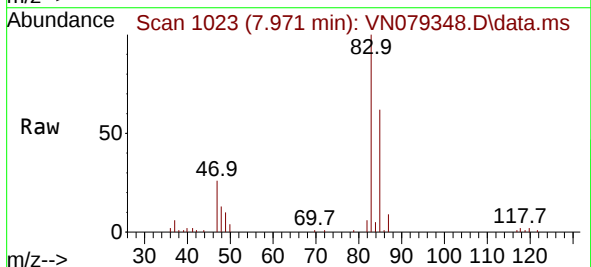
Manual Integrations
APPROVED

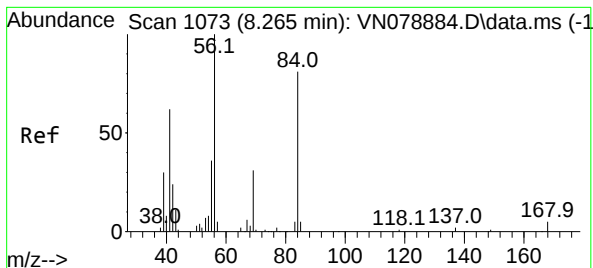
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#30
Chloroform
Concen: 20.695 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion: 83 Resp: 79947
Ion Ratio Lower Upper
83 100
85 62.2 55.4 83.0





#31

Cyclohexane

Concen: 18.275 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN079348.D

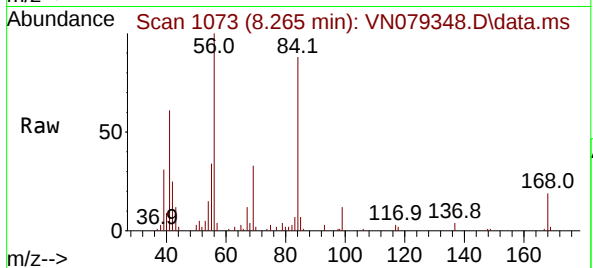
Acq: 26 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01



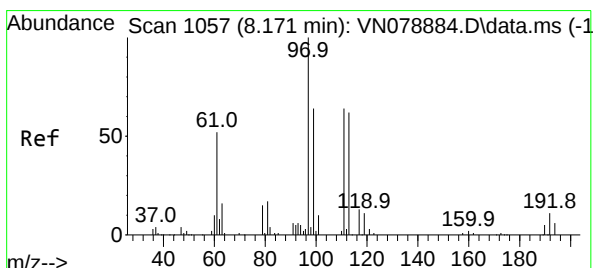
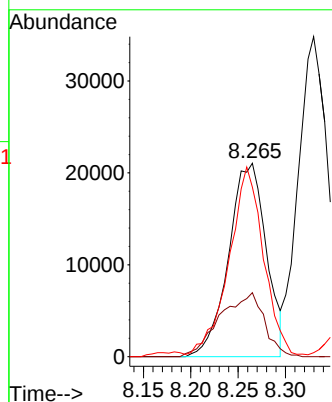
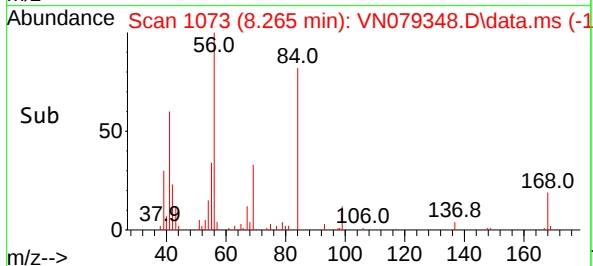
Tgt Ion:	56	Resp:	58070
Ion Ratio	Lower	Upper	
56	100		
69	33.1	26.8	40.2
84	85.6	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#32

1,1,1-Trichloroethane

Concen: 19.550 ug/l

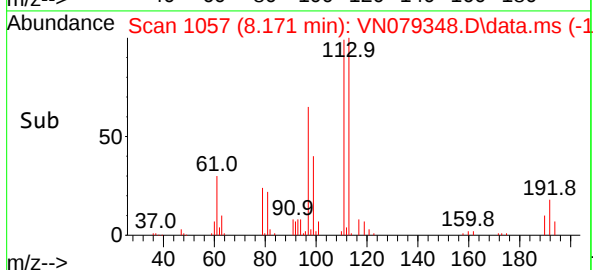
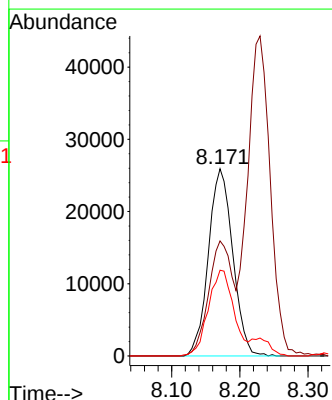
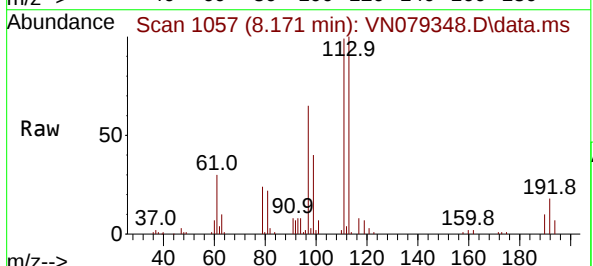
RT: 8.171 min Scan# 1057

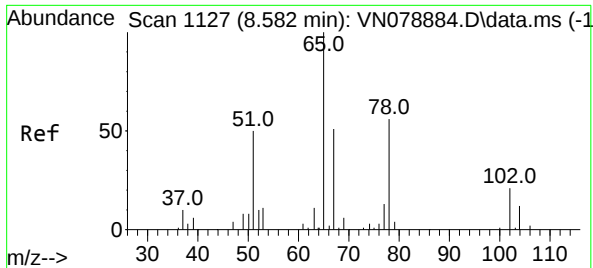
Delta R.T. -0.006 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Tgt Ion:	97	Resp:	64378
Ion Ratio	Lower	Upper	
97	100		
99	60.4	50.3	75.5
61	48.0	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 56.456 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tgt Ion: 65 Resp: 12287

Ion Ratio Lower Upper

65 100

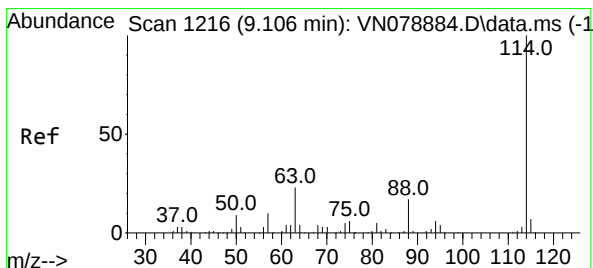
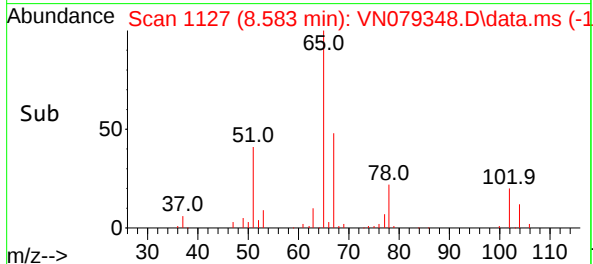
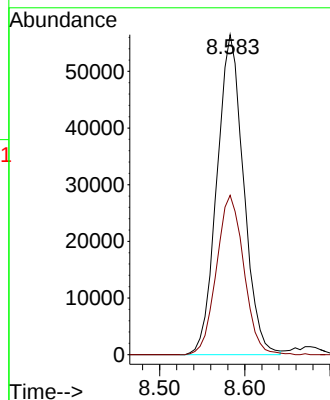
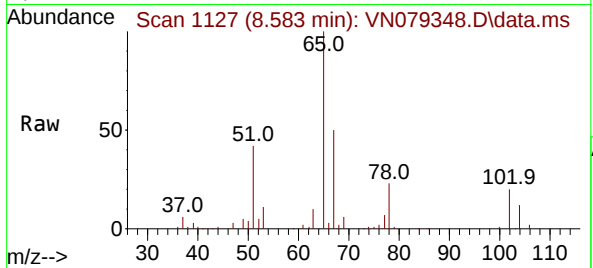
67 51.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

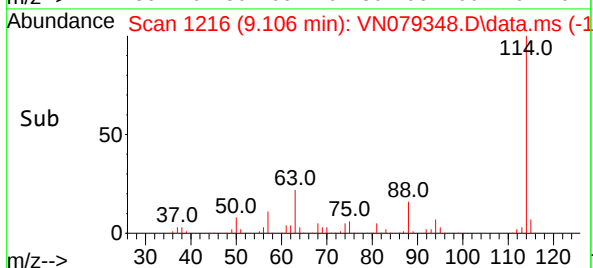
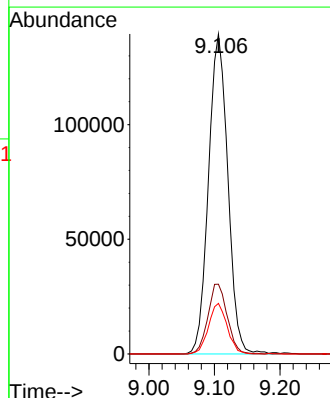
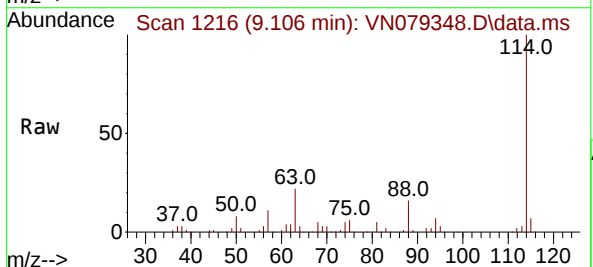
Tgt Ion:114 Resp: 285614

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.792 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

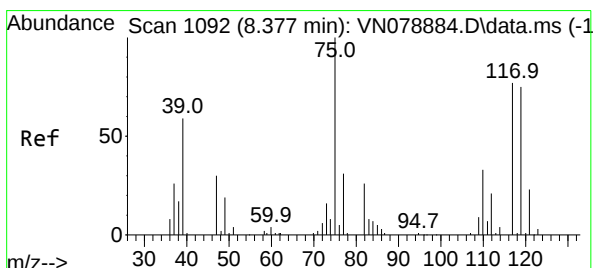
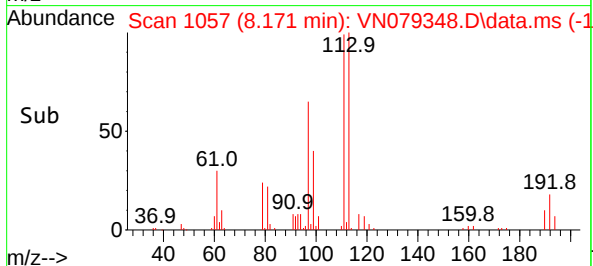
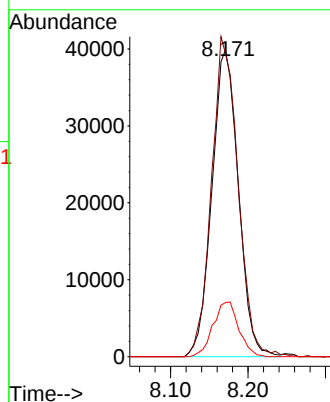
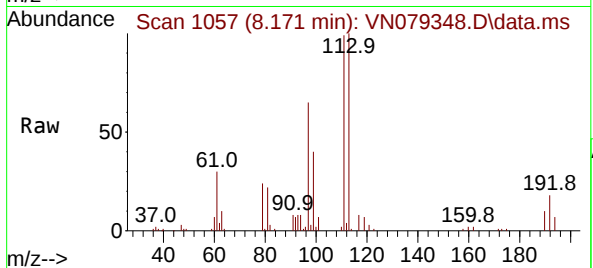
Tgt Ion:	113	Resp:	9459
Ion Ratio	Lower	Upper	
113	100		
111	104.3	82.6	123.8
192	17.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#36

1,1-Dichloropropene

Concen: 17.886 ug/l

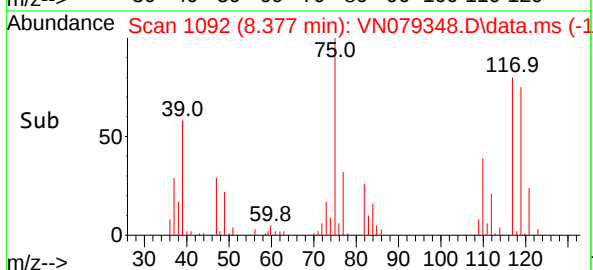
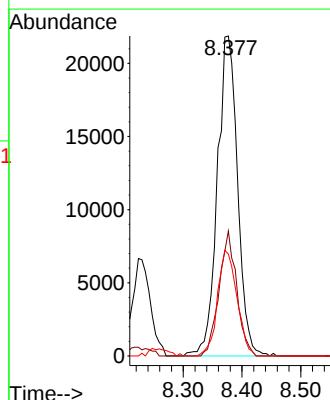
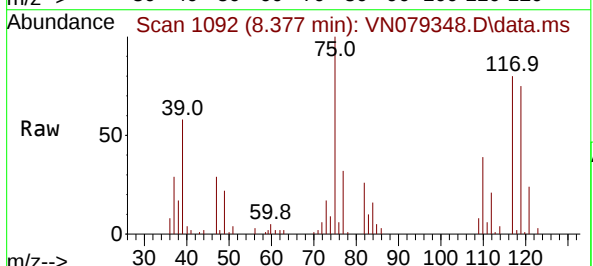
RT: 8.377 min Scan# 1092

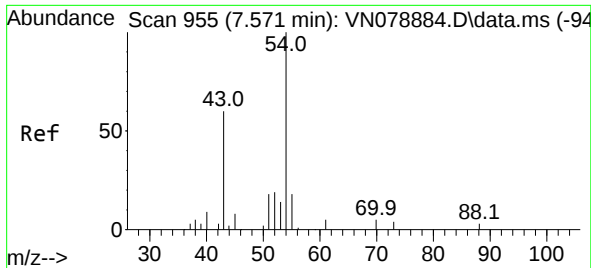
Delta R.T. -0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

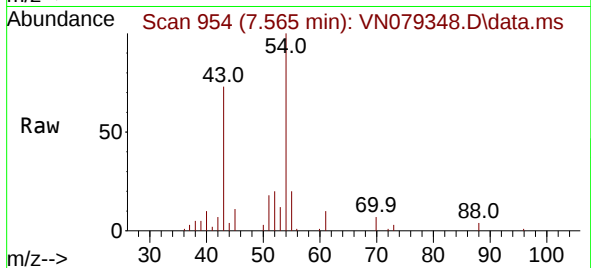
Tgt Ion:	75	Resp:	52377
Ion Ratio	Lower	Upper	
75	100		
110	34.0	19.1	57.3
77	31.7	25.0	37.4





#37
Ethyl Acetate
Concen: 19.856 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

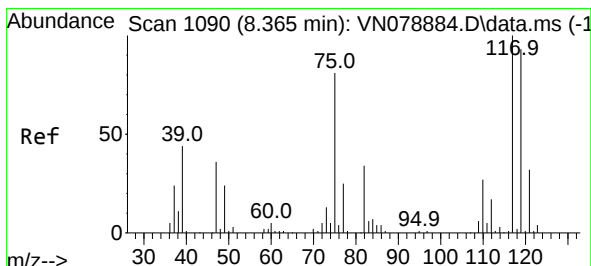
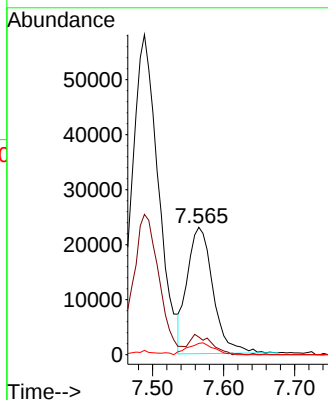
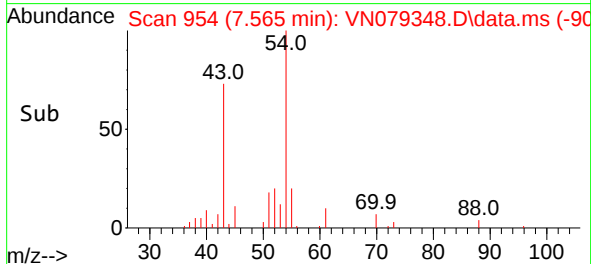
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion: 43 Resp: 5799
Ion Ratio Lower Upper
43 100
61 12.9 13.2 19.8
70 9.4 11.3 16.9

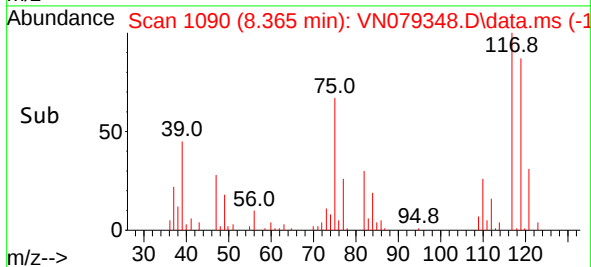
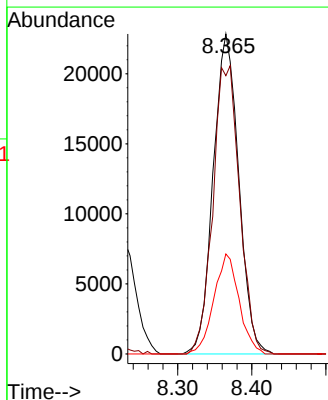
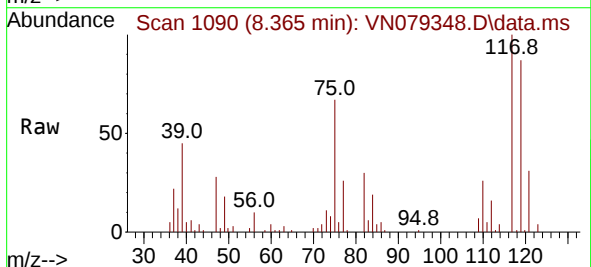
Manual Integrations
APPROVED

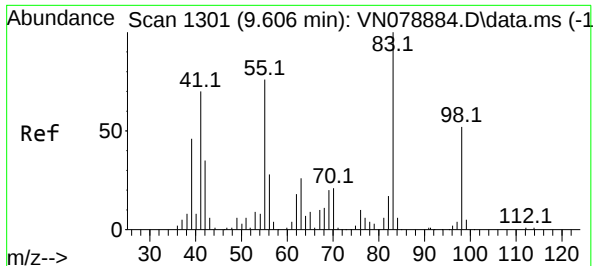
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#38
Carbon Tetrachloride
Concen: 18.023 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion:117 Resp: 54618
Ion Ratio Lower Upper
117 100
119 86.9 77.3 115.9
121 31.2 23.3 34.9





#39

Methylcyclohexane

Concen: 17.020 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tgt Ion: 83 Resp: 49164

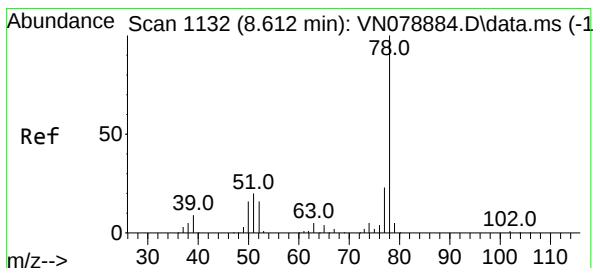
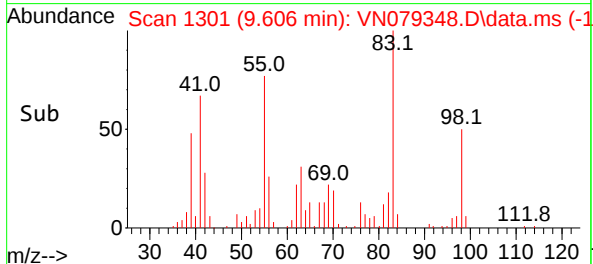
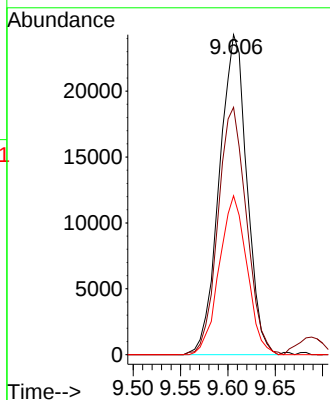
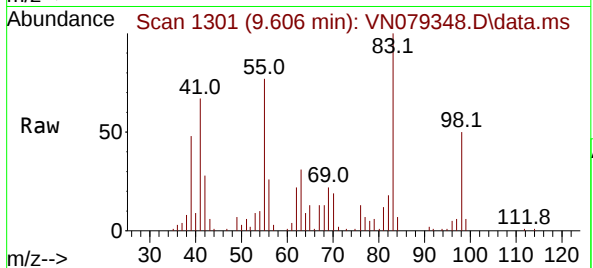
Ion	Ratio	Lower	Upper
83	100		
55	77.3	49.1	73.7
98	49.6	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#40

Benzene

Concen: 18.381 ug/l

RT: 8.612 min Scan# 1132

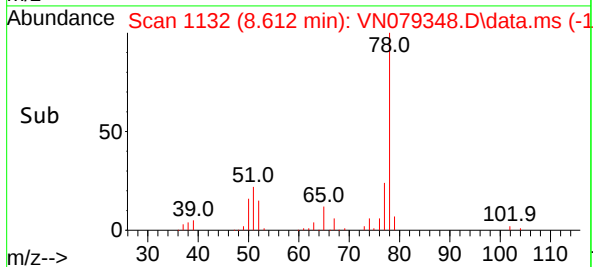
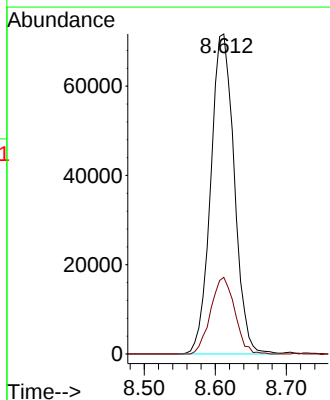
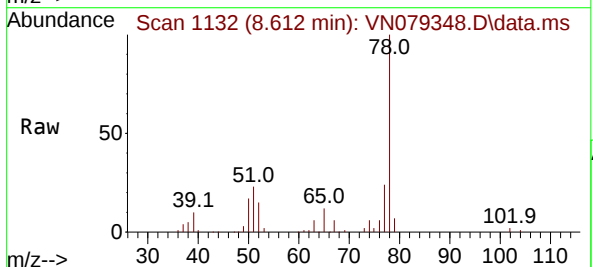
Delta R.T. -0.000 min

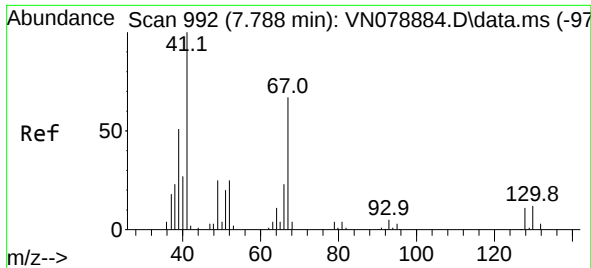
Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Tgt Ion: 78 Resp: 164773

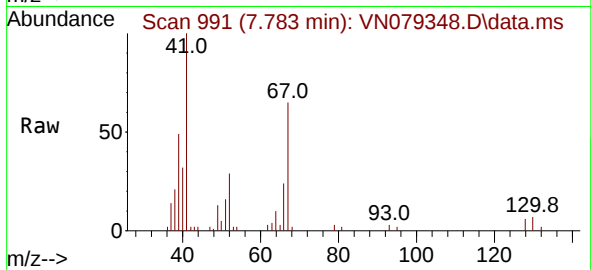
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





#41
Methacrylonitrile
Concen: 21.916 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

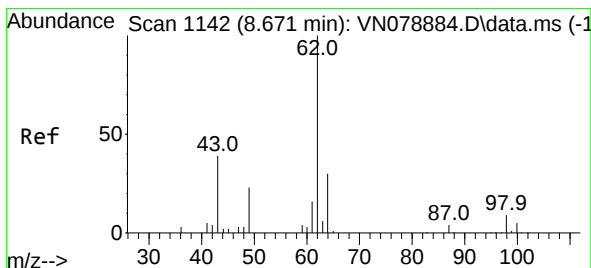
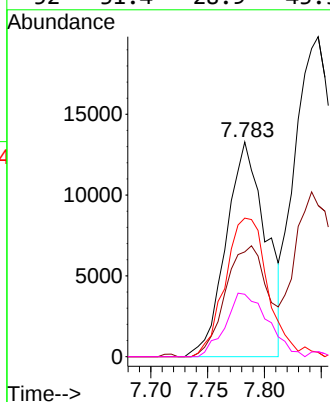
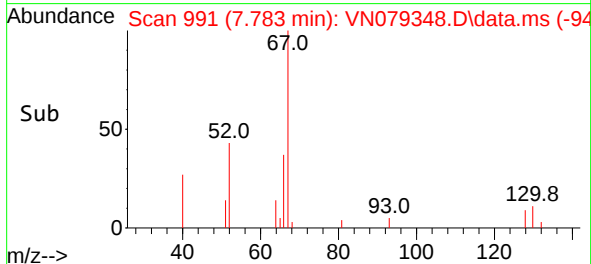
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion:	41	Resp:	32270
Ion Ratio	100	Lower	Upper
39	55.1	42.6	64.0
67	69.8	77.5	116.3
52	31.4	28.9	43.3

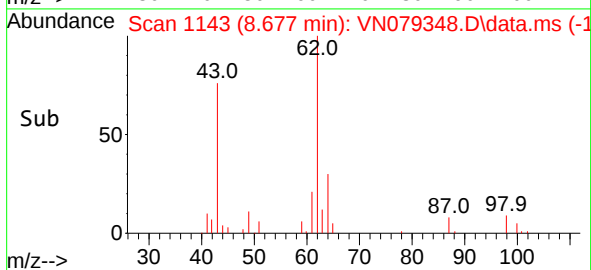
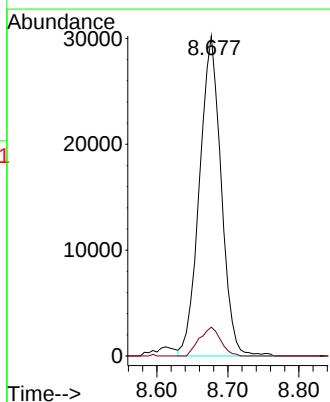
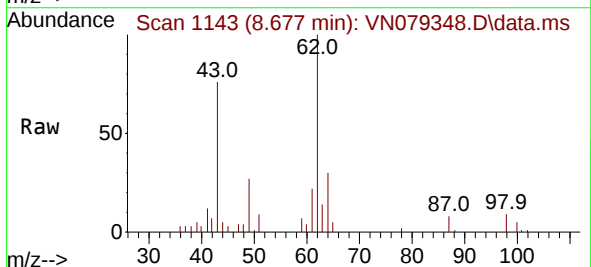
Manual Integrations
APPROVED

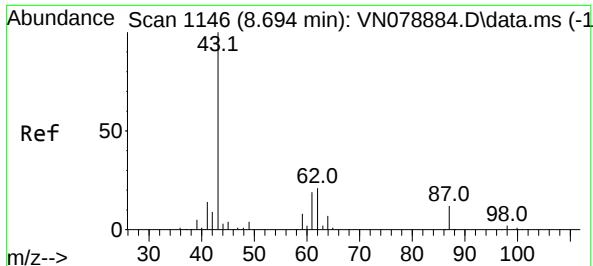
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#42
1,2-Dichloroethane
Concen: 20.803 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion:	62	Resp:	64202
Ion Ratio	100	Lower	Upper
98	8.8	0.0	19.8





#43

Isopropyl Acetate

Concen: 19.512 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

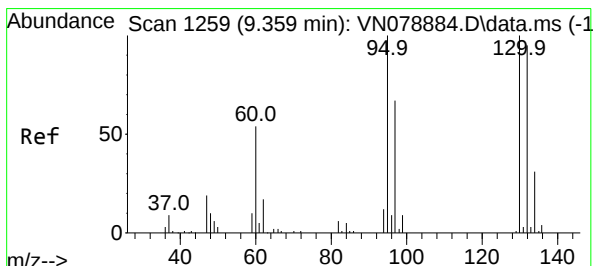
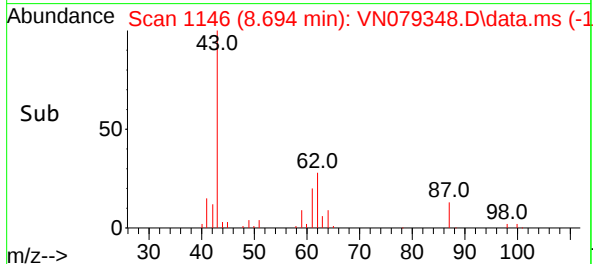
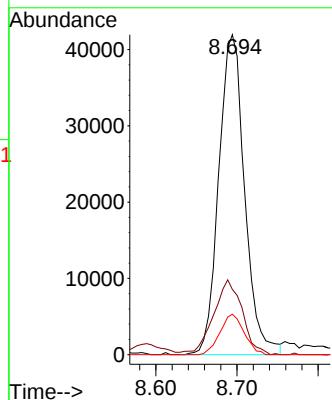
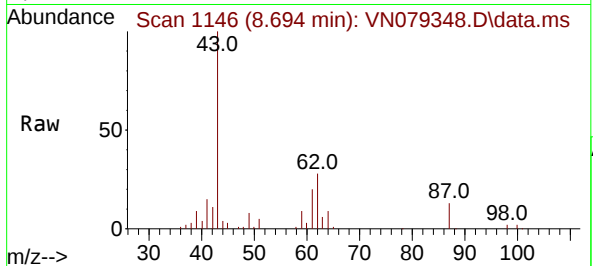
Tgt Ion: 43	Resp: 92992
Ion Ratio	Lower Upper
43 100	
61 26.0	24.7 37.1
87 11.8	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#44

Trichloroethene

Concen: 17.731 ug/l

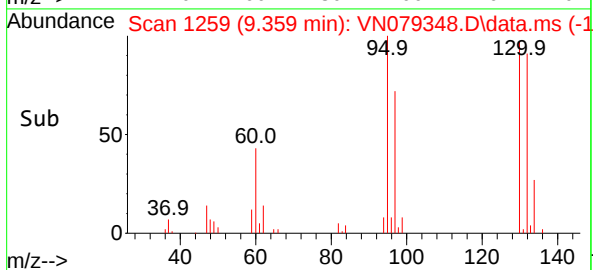
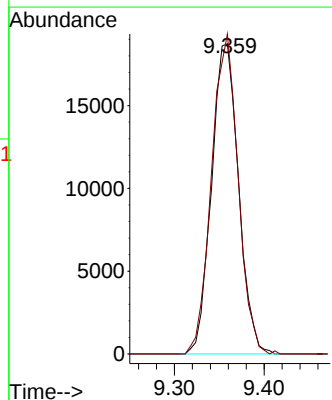
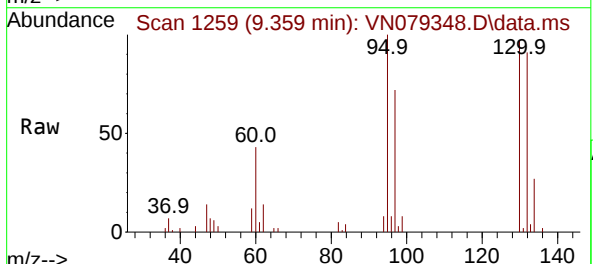
RT: 9.359 min Scan# 1259

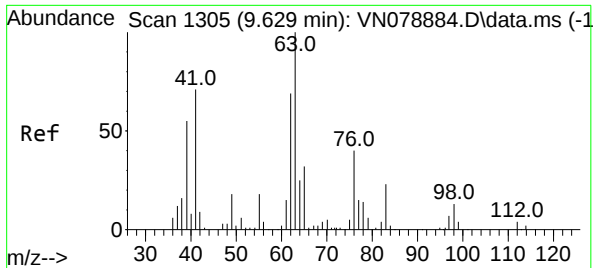
Delta R.T. -0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Tgt Ion:130	Resp: 39155
Ion Ratio	Lower Upper
130 100	
95 103.2	0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.995 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tgt Ion: 63 Resp: 4448

Ion Ratio Lower Upper

63 100

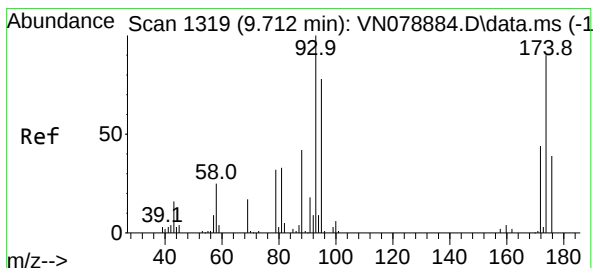
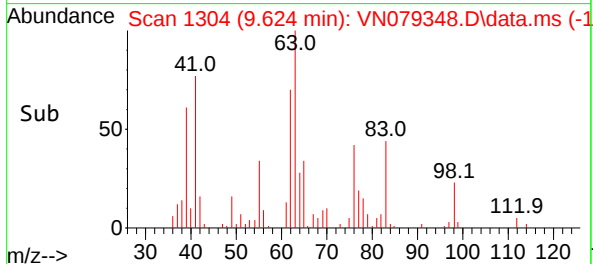
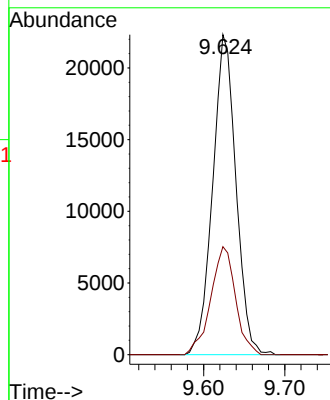
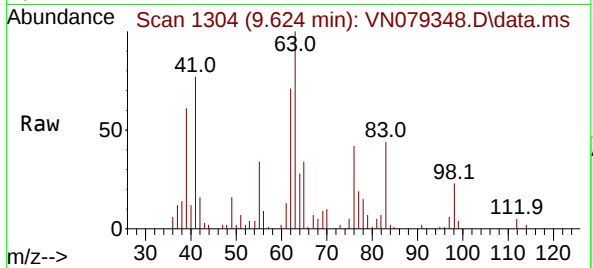
65 33.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#46

Dibromomethane

Concen: 20.547 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

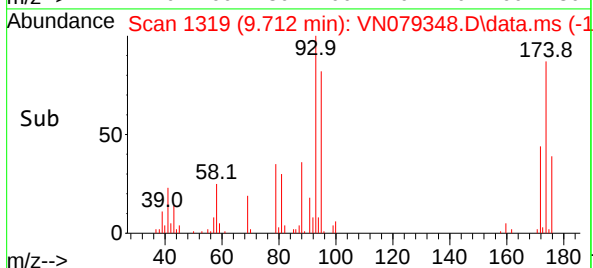
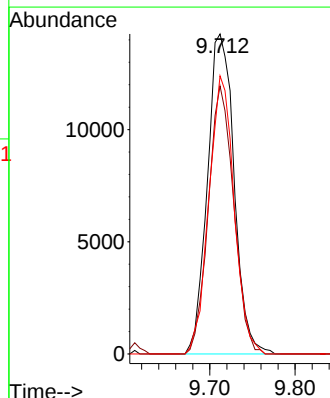
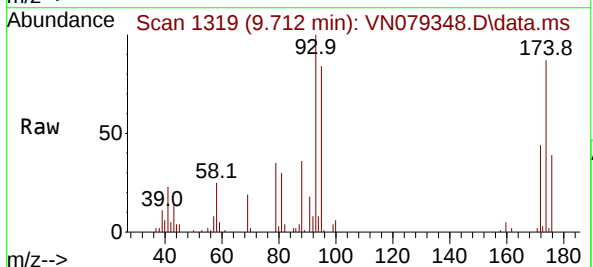
Tgt Ion: 93 Resp: 31032

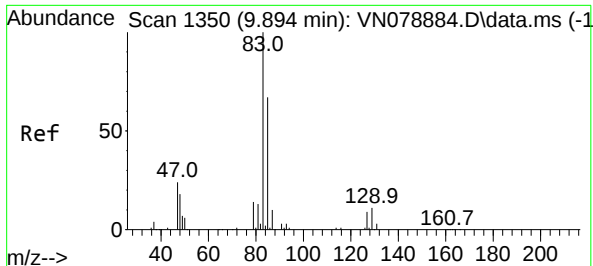
Ion Ratio Lower Upper

93 100

95 79.5 63.8 95.8

174 82.1 65.6 98.4





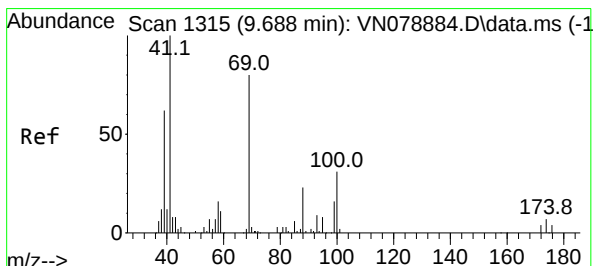
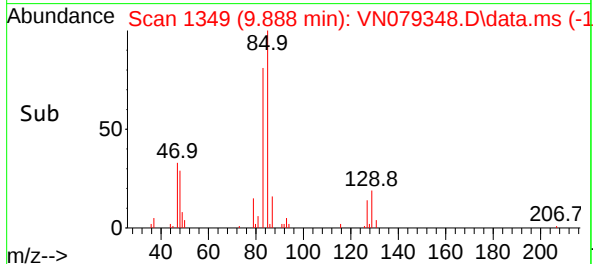
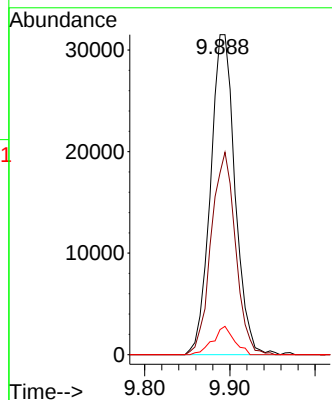
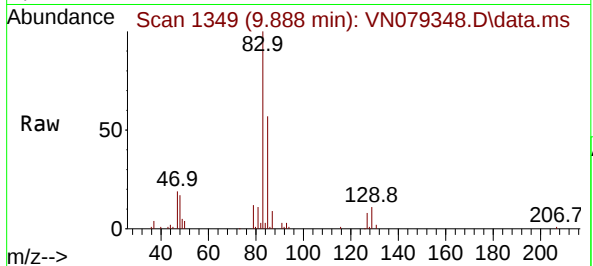
#47
Bromodichloromethane
Concen: 20.387 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tgt Ion: 83 Resp: 63060
Ion Ratio Lower Upper
83 100
85 56.8 49.6 74.4
127 7.8 7.0 10.6

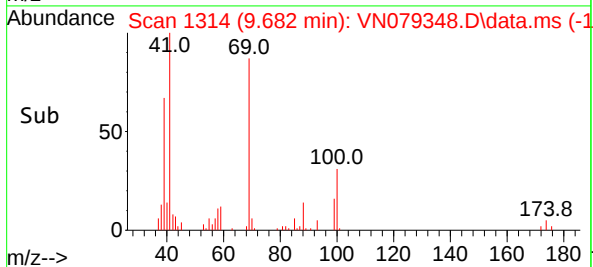
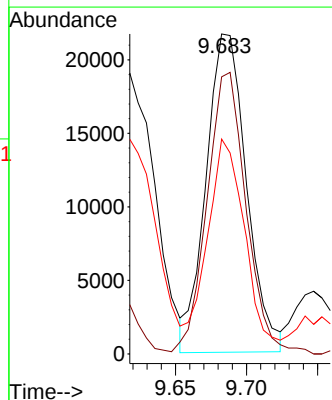
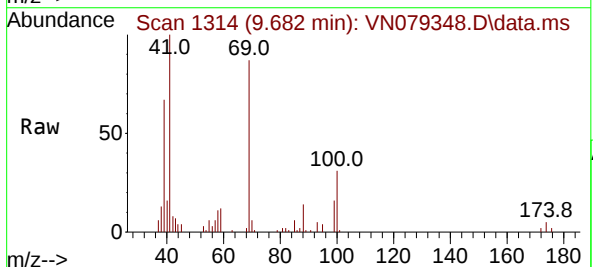
Manual Integrations
APPROVED

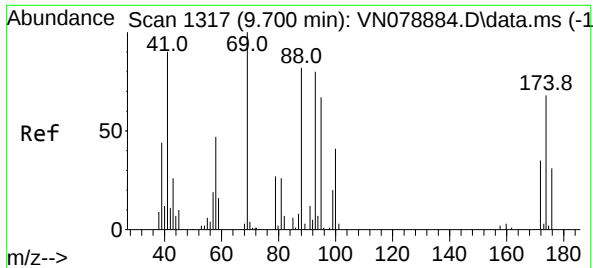
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#48
Methyl methacrylate
Concen: 20.076 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

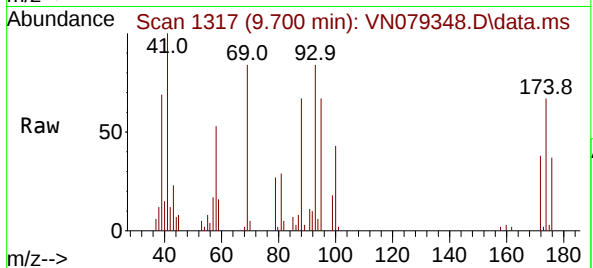
Tgt Ion: 41 Resp: 42857
Ion Ratio Lower Upper
41 100
69 85.8 90.4 135.6
39 63.8 54.6 81.8





#49
1,4-Dioxane
Concen: 372.941 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

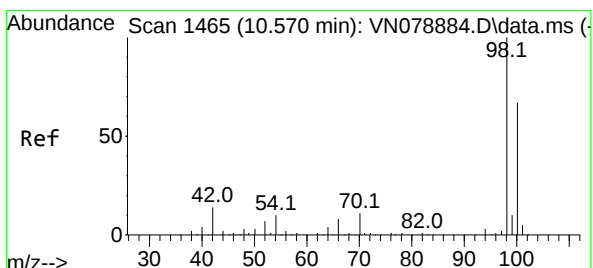
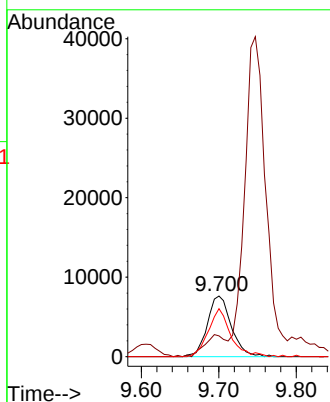
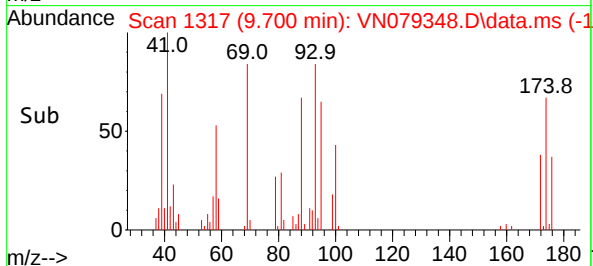
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion: 88 Resp: 16375
Ion Ratio Lower Upper
88 100
43 32.6 17.0 25.6
58 73.7 47.0 70.4

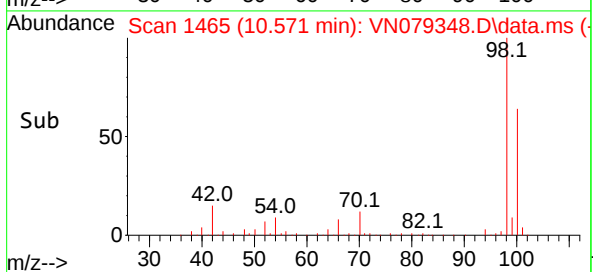
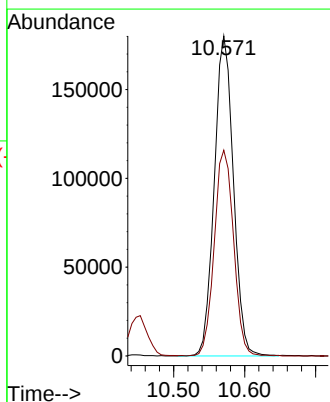
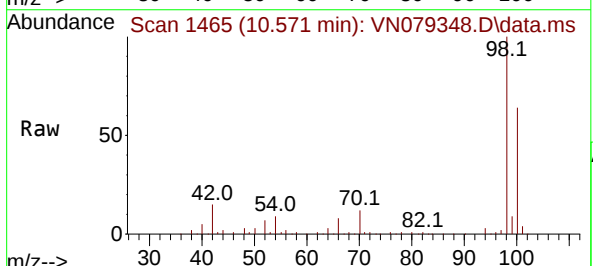
Manual Integrations
APPROVED

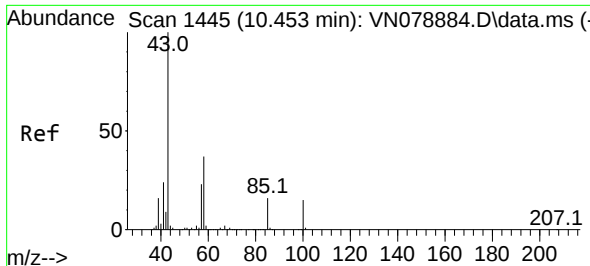
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#50
Toluene-d8
Concen: 48.182 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion: 98 Resp: 336113
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





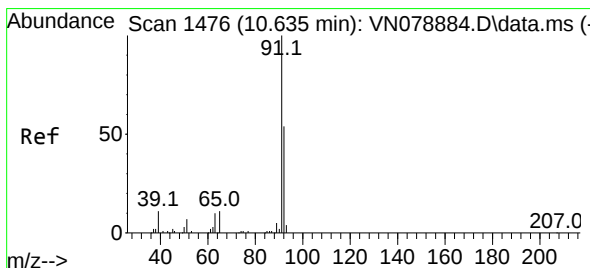
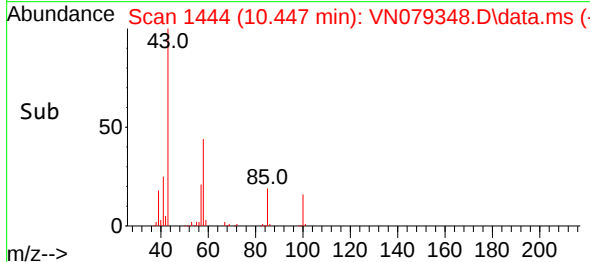
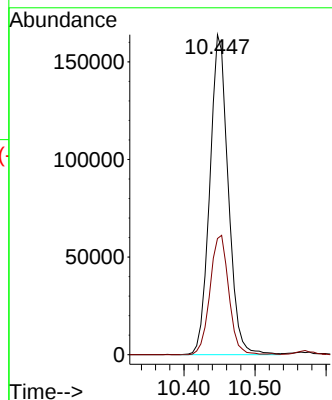
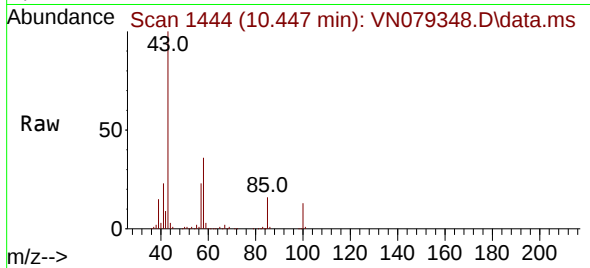
#51
4-Methyl-2-Pentanone
Concen: 106.941 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tgt Ion: 43 Resp: 295860
Ion Ratio Lower Upper
43 100
58 37.9 36.6 54.8

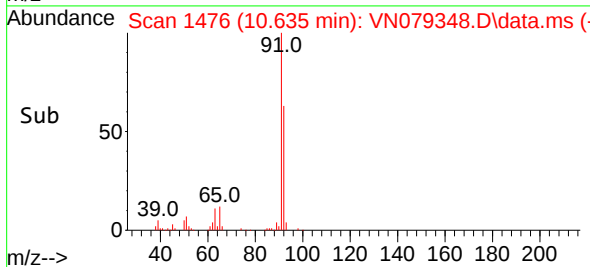
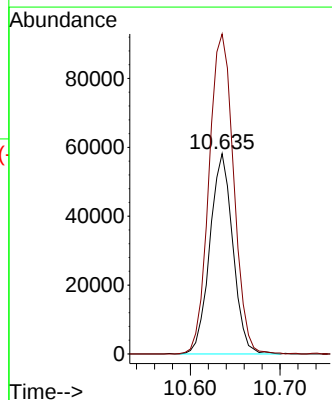
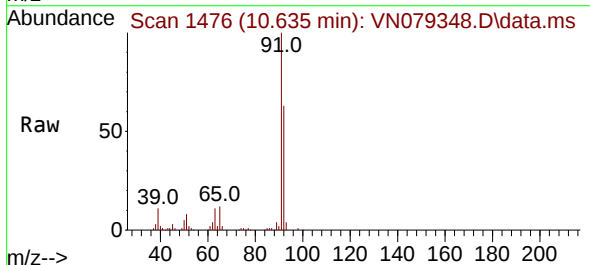
Manual Integrations
APPROVED

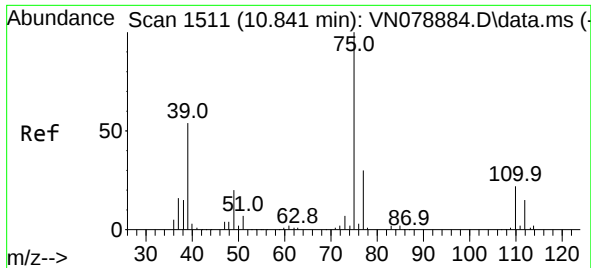
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#52
Toluene
Concen: 18.792 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

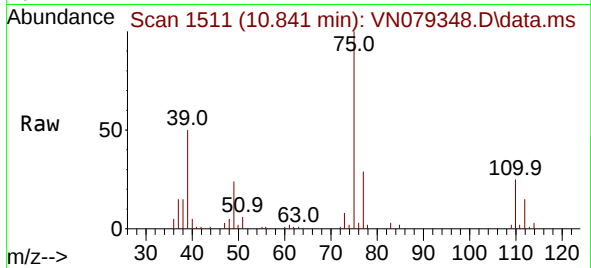
Tgt Ion: 92 Resp: 103528
Ion Ratio Lower Upper
92 100
91 171.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 18.802 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

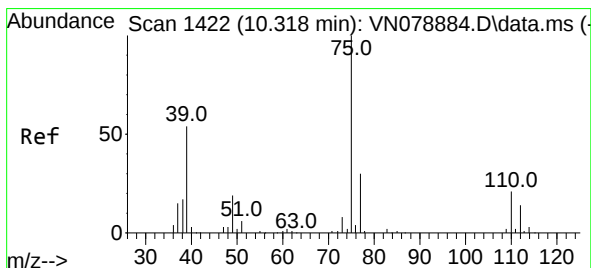
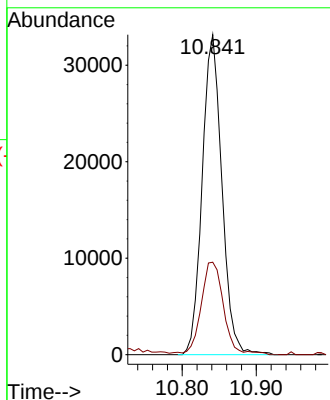
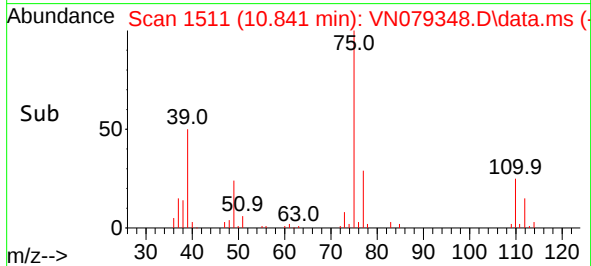
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion: 75 Resp: 6132
Ion Ratio Lower Upper
75 100
77 28.9 25.4 38.0

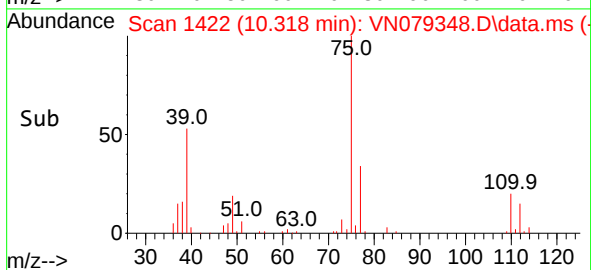
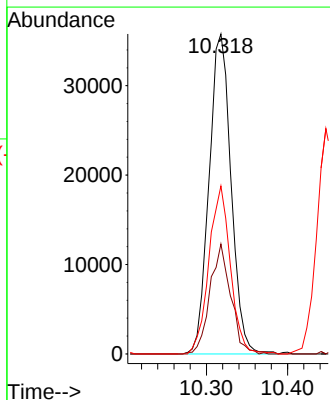
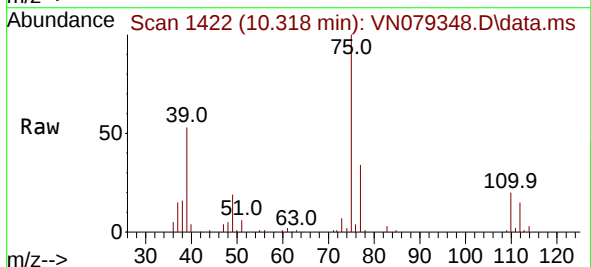
Manual Integrations
APPROVED

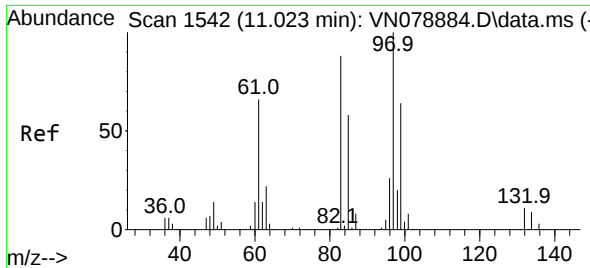
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#54
cis-1,3-Dichloropropene
Concen: 19.352 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

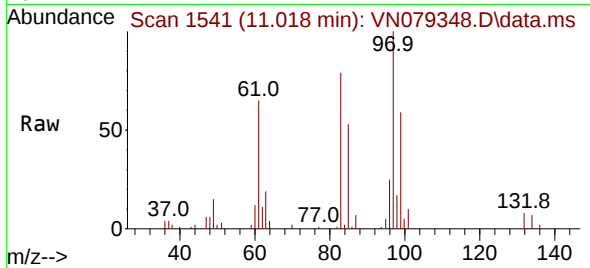
Tgt Ion: 75 Resp: 67512
Ion Ratio Lower Upper
75 100
77 34.4 26.1 39.1
39 52.5 31.6 47.4#





#55
 1,1,2-Trichloroethane
 Concen: 20.251 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.006 min
 Lab File: VN079348.D
 Acq: 26 Sep 2023 12:05

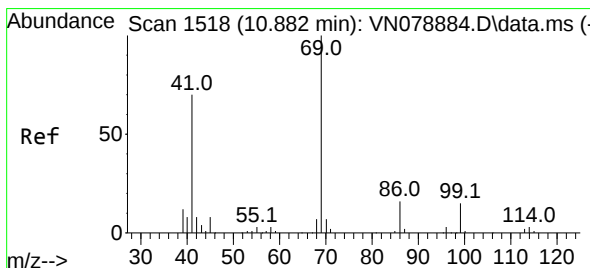
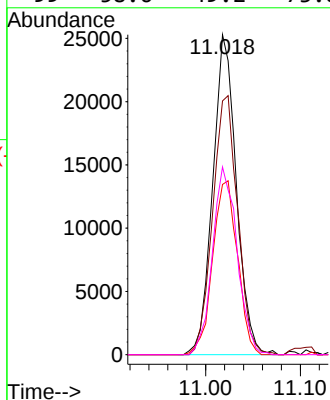
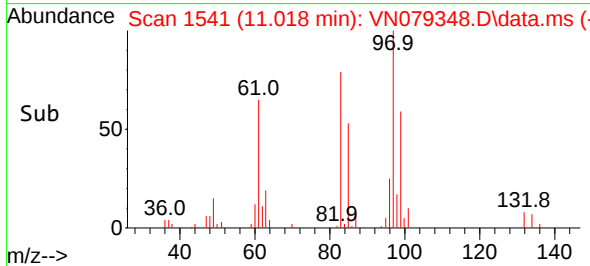
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01



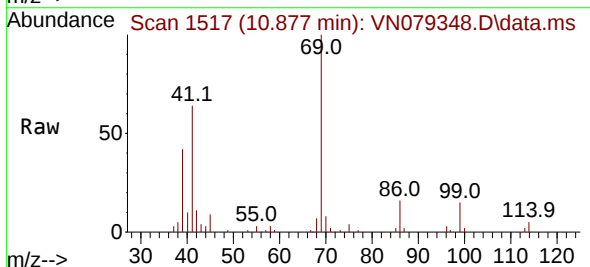
Tgt Ion:	97	Resp:	4377
Ion	Ratio	Lower	Upper
97	100		
83	79.3	65.1	97.7
85	53.2	43.4	65.2
99	58.6	49.2	73.8

Manual Integrations
 APPROVED

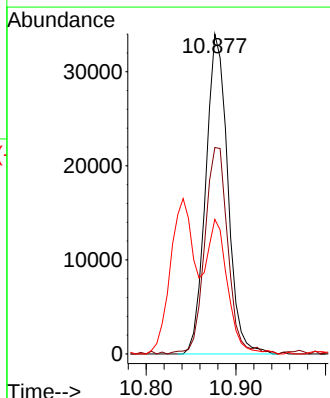
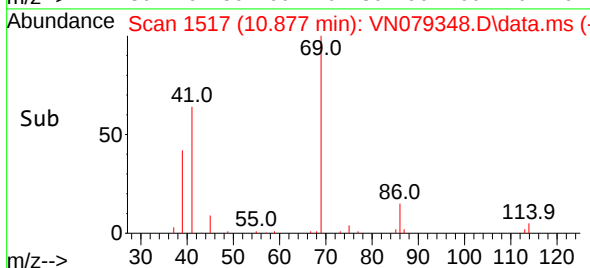
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023

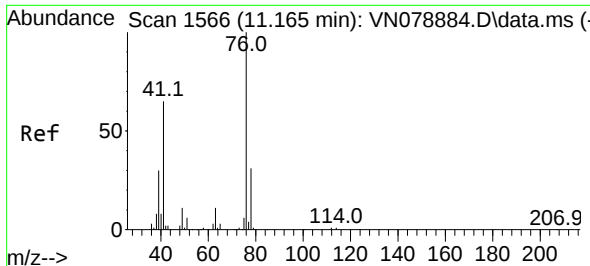


#56
 Ethyl methacrylate
 Concen: 18.994 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN079348.D
 Acq: 26 Sep 2023 12:05



Tgt Ion:	69	Resp:	57960
Ion	Ratio	Lower	Upper
69	100		
41	68.1	39.6	59.4#
39	41.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.777 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tgt Ion: 76 Resp: 73900

Ion Ratio Lower Upper

76 100

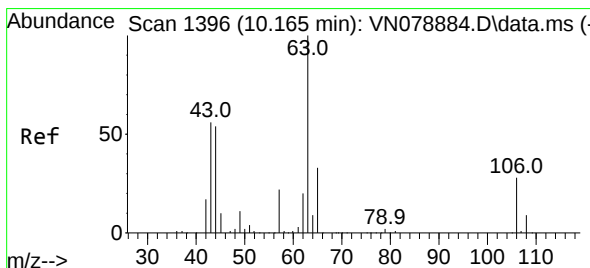
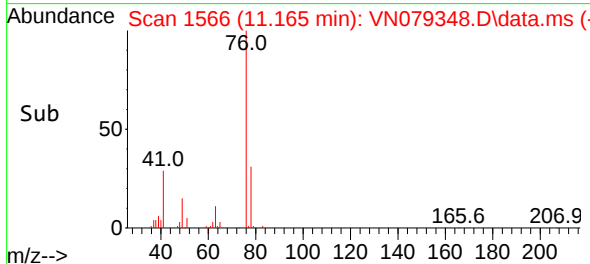
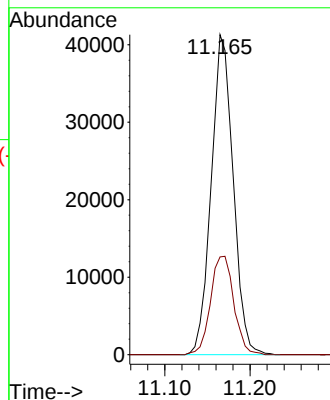
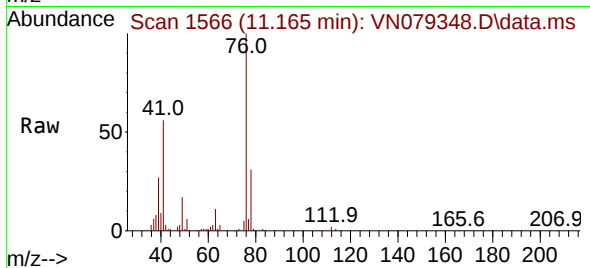
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 105.335 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079348.D

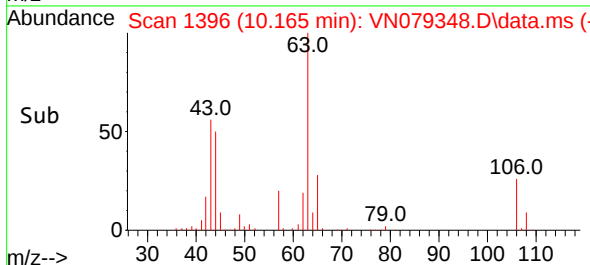
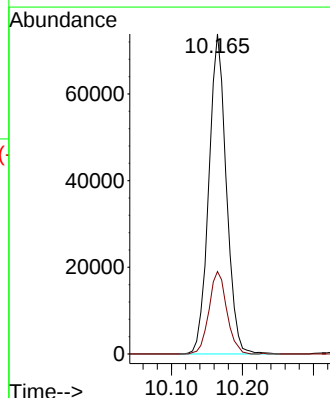
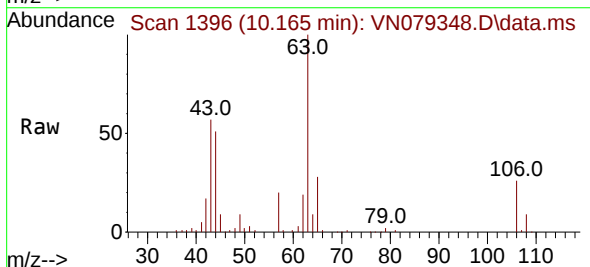
Acq: 26 Sep 2023 12:05

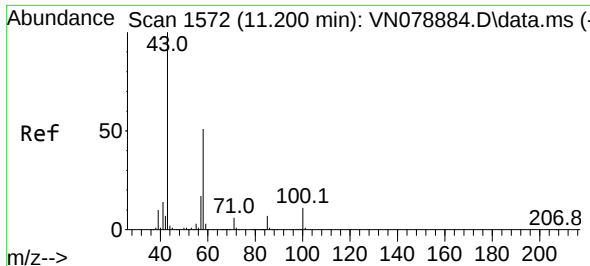
Tgt Ion: 63 Resp: 126461

Ion Ratio Lower Upper

63 100

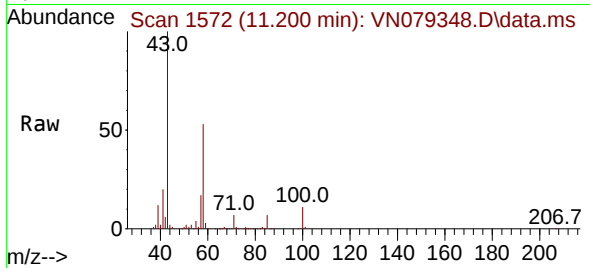
106 26.2 26.2 39.4





#59
2-Hexanone
Concen: 105.033 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

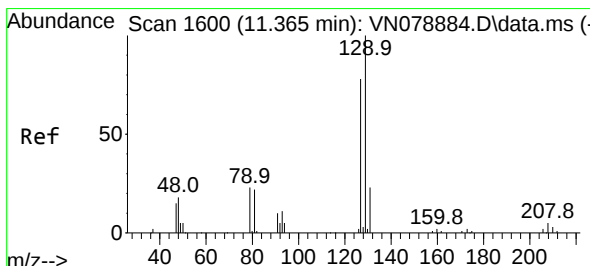
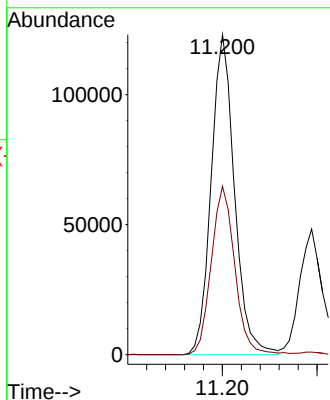
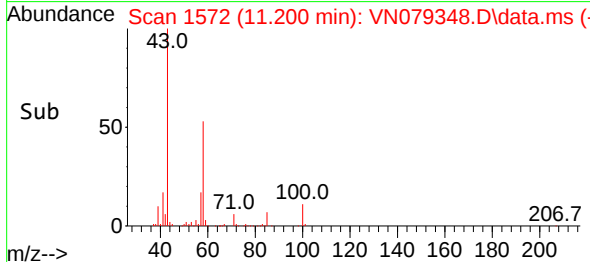
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion: 43 Resp: 21046
Ion Ratio Lower Upper
43 100
58 53.1 31.7 95.1

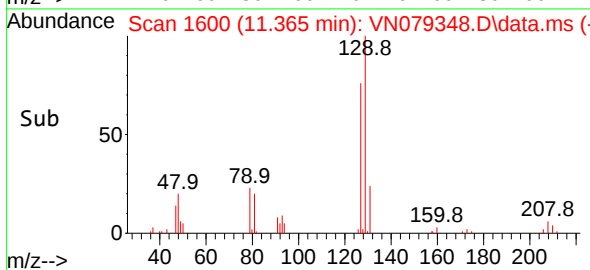
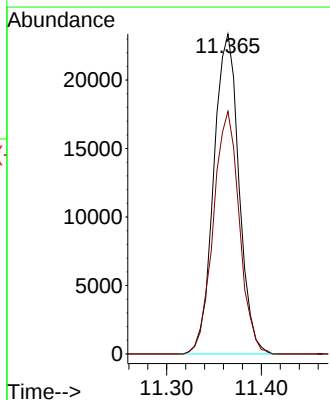
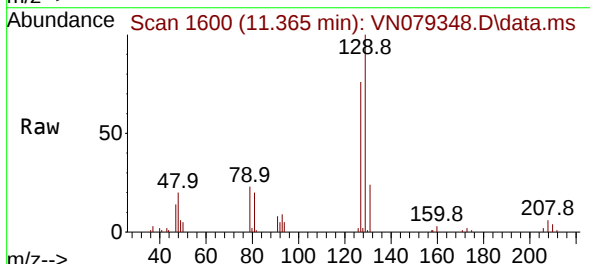
Manual Integrations
APPROVED

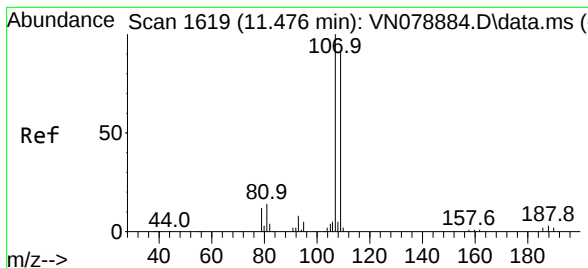
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#60
Dibromochloromethane
Concen: 18.795 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion:129 Resp: 43241
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





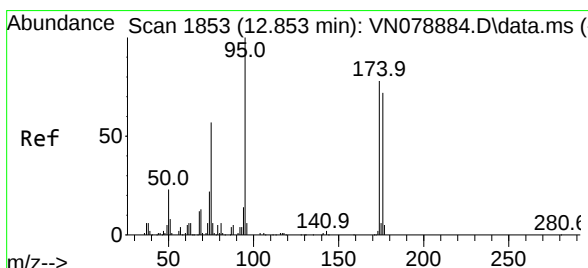
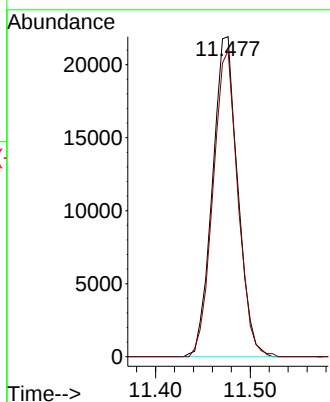
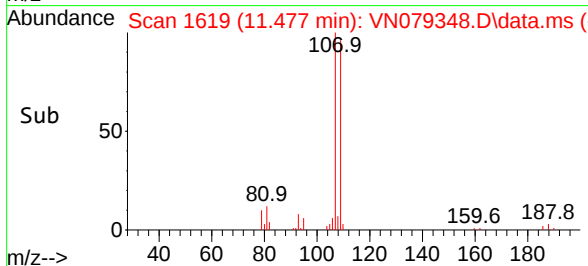
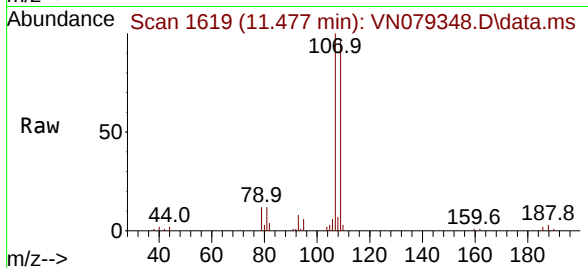
#61
1,2-Dibromoethane
Concen: 18.833 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tgt Ion:107 Resp: 40628
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

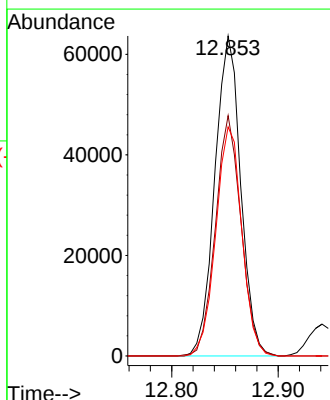
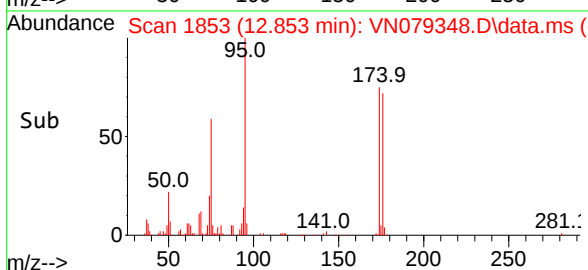
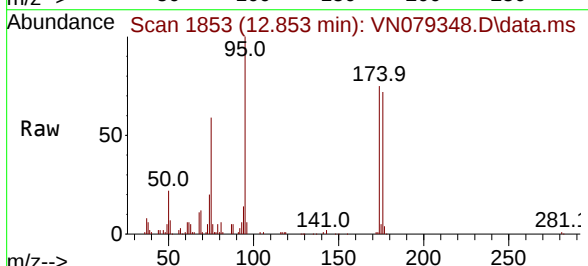
Manual Integrations
APPROVED

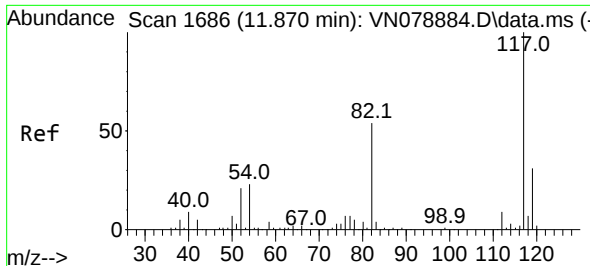
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#62
4-Bromofluorobenzene
Concen: 48.187 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

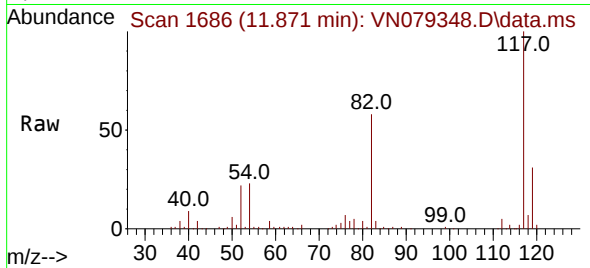
Tgt Ion: 95 Resp: 107226
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 72.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

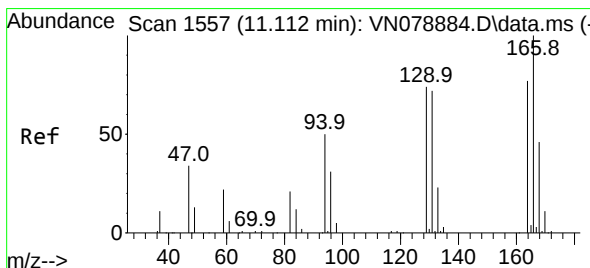
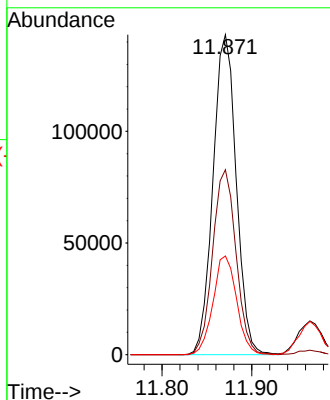
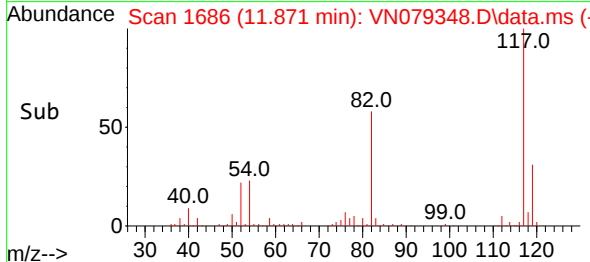
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion:117 Resp: 25808
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 30.9 25.6 38.4

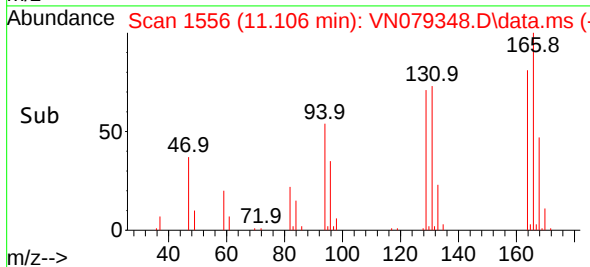
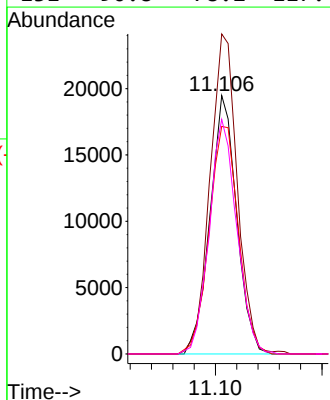
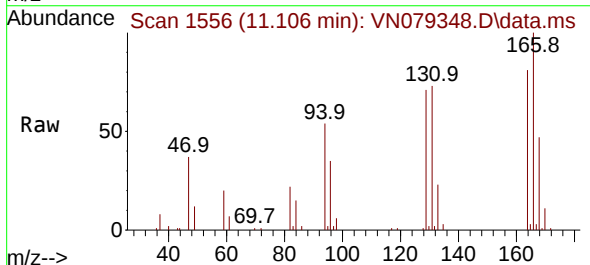
Manual Integrations
APPROVED

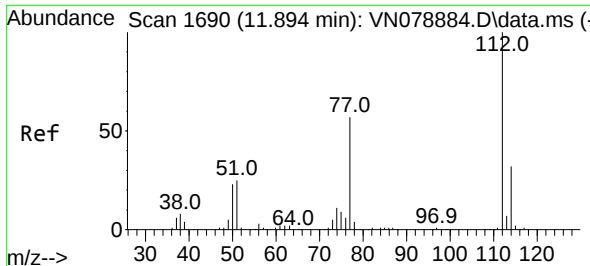
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#64
Tetrachloroethene
Concen: 17.914 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

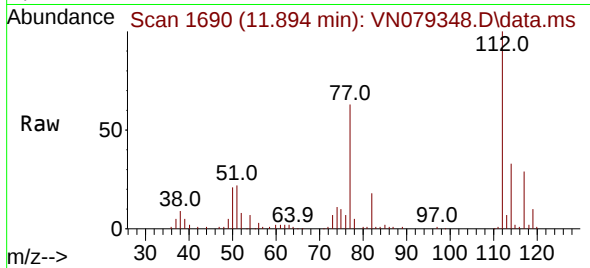
Tgt Ion:164 Resp: 33712
Ion Ratio Lower Upper
164 100
166 123.8 101.4 152.0
129 88.0 82.4 123.6
131 90.8 78.2 117.4





#65
Chlorobenzene
Concen: 17.956 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

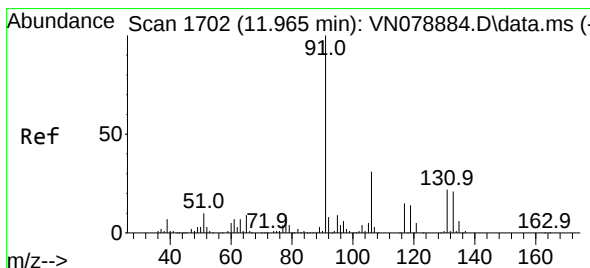
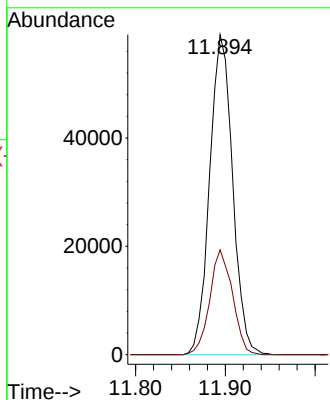
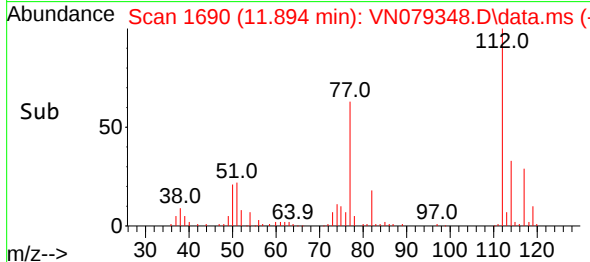
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion:112 Resp: 104984
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4

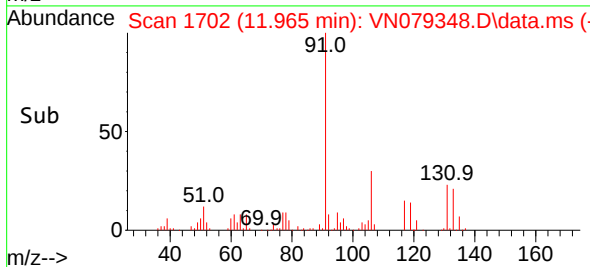
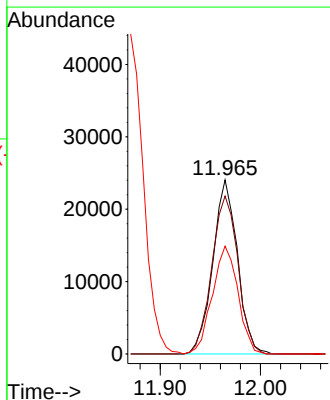
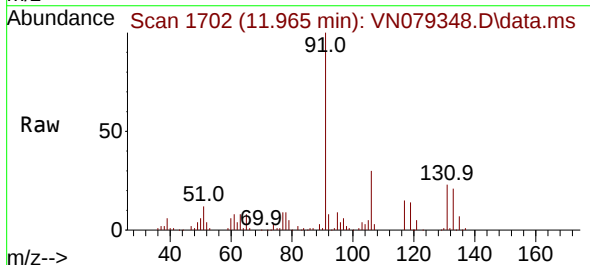
Manual Integrations
APPROVED

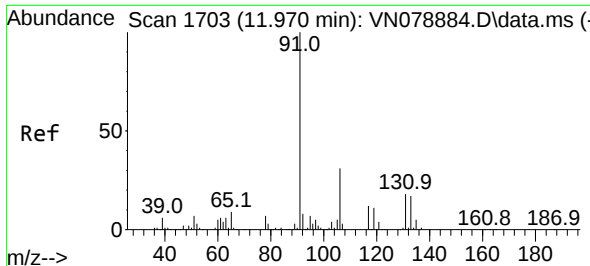
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.661 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

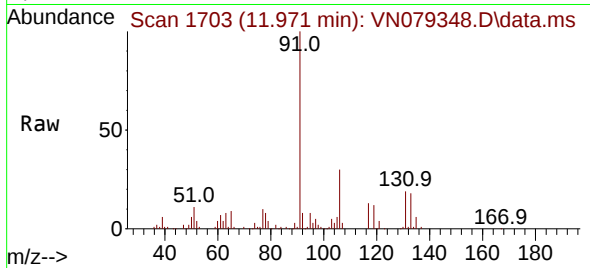
Tgt Ion:131 Resp: 40912
Ion Ratio Lower Upper
131 100
133 96.6 46.4 139.1
119 64.6 34.1 102.2





#67
Ethyl Benzene
Concen: 18.242 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

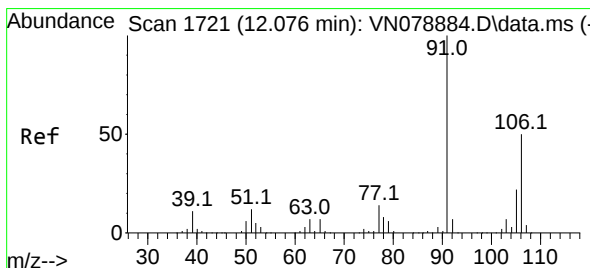
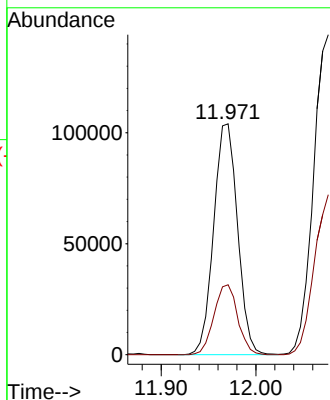
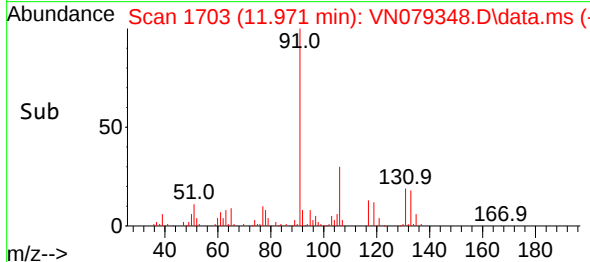
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion: 91 Resp: 182430
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

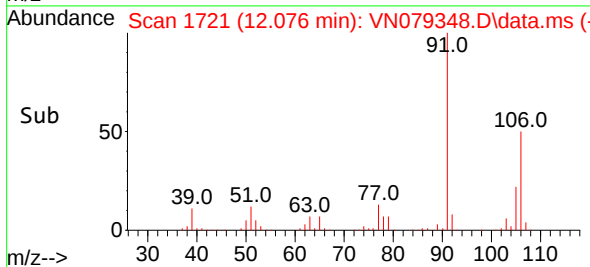
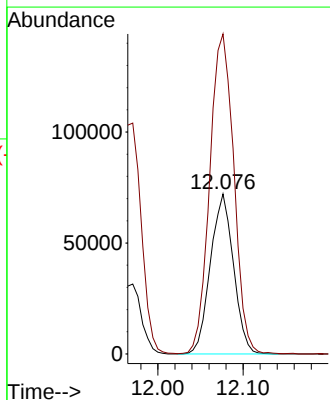
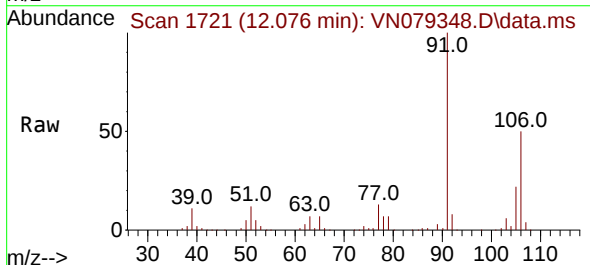
Manual Integrations
APPROVED

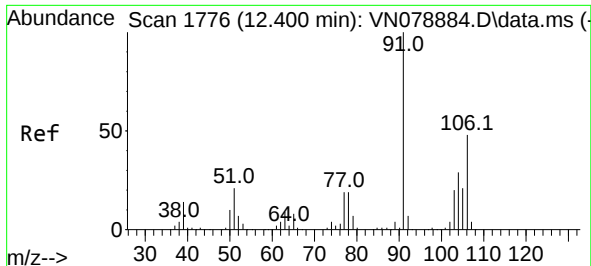
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#68
m/p-Xylenes
Concen: 36.435 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion:106 Resp: 135813
Ion Ratio Lower Upper
106 100
91 209.4 159.6 239.4





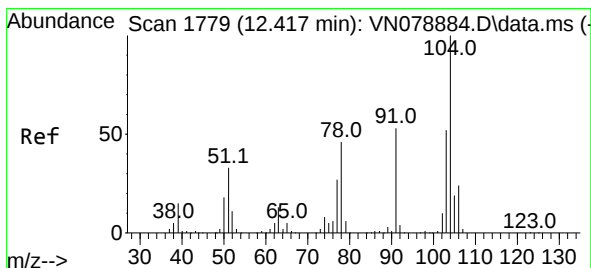
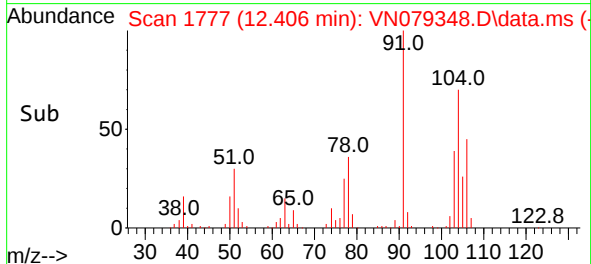
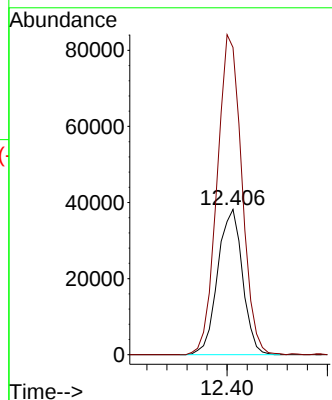
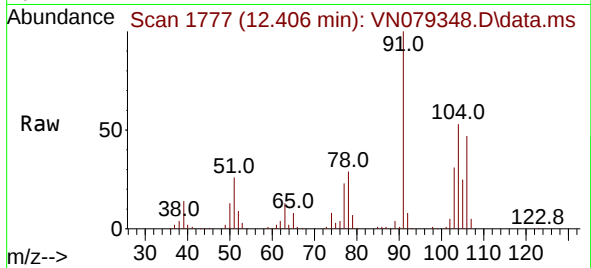
#69
o-Xylene
Concen: 18.284 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tgt Ion:106 Resp: 6536
Ion Ratio Lower Upper
106 100
91 219.9 105.2 315.5

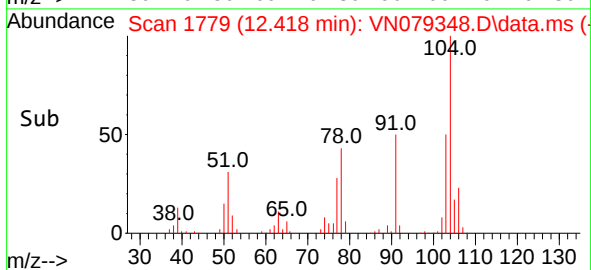
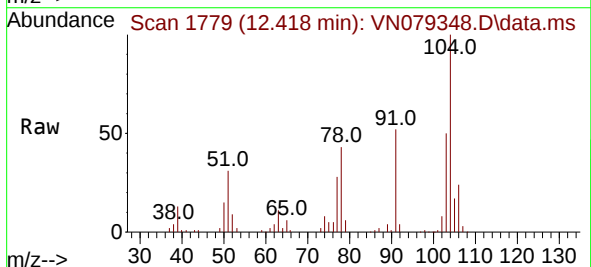
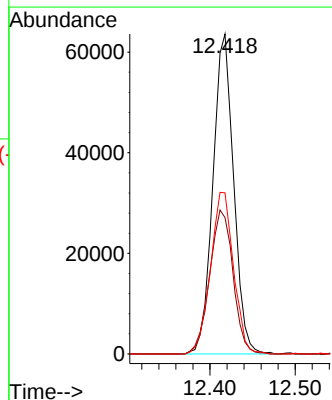
Manual Integrations
APPROVED

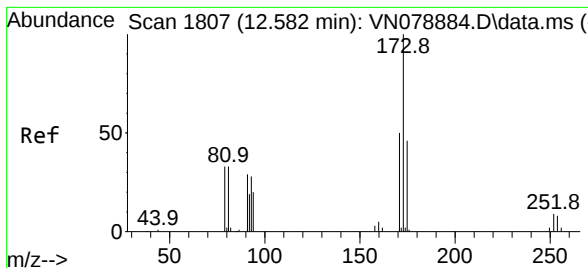
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#70
Styrene
Concen: 18.719 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion:104 Resp: 107631
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 56.1 43.2 64.8





#71

Bromoform

Concen: 17.698 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

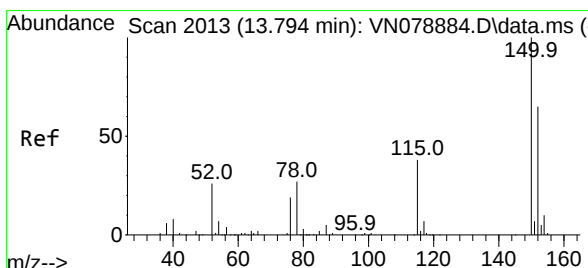
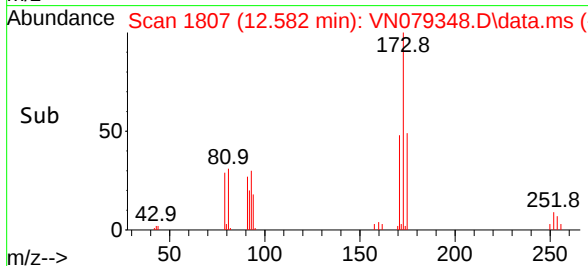
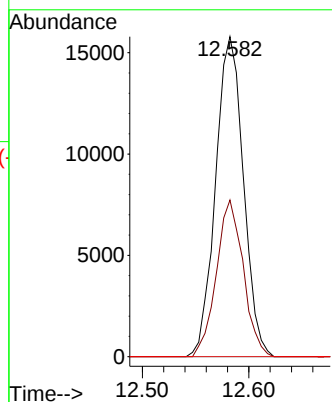
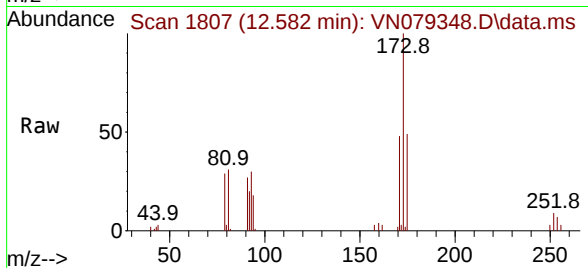
Tgt Ion:173	Resp:	2864
Ion Ratio	Lower	Upper
173	100	
175	47.3	24.3 73.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

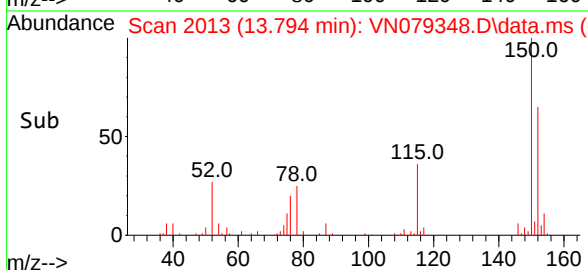
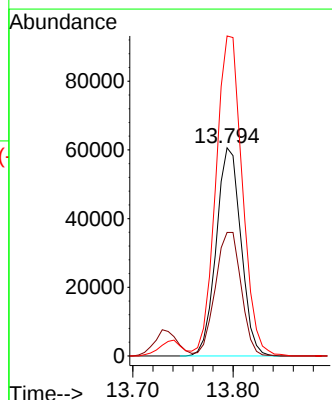
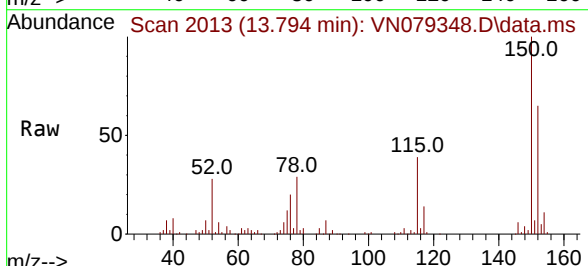
RT: 13.794 min Scan# 2013

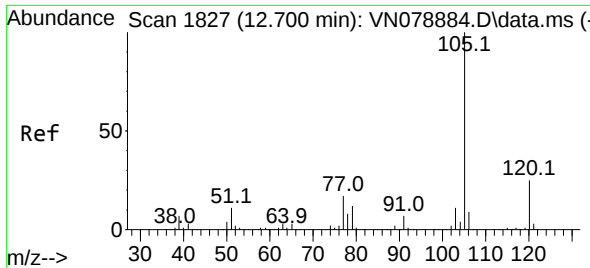
Delta R.T. 0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

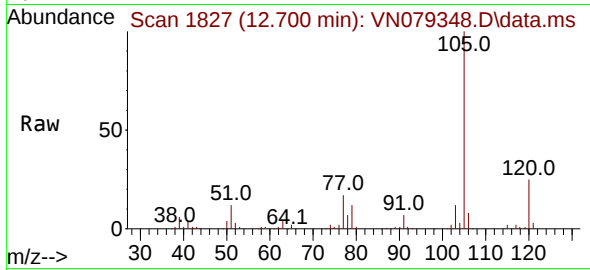
Tgt Ion:152	Resp:	103874
Ion Ratio	Lower	Upper
152	100	
115	62.1	32.3 96.8
150	164.2	0.0 355.8





#73
Isopropylbenzene
Concen: 17.930 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

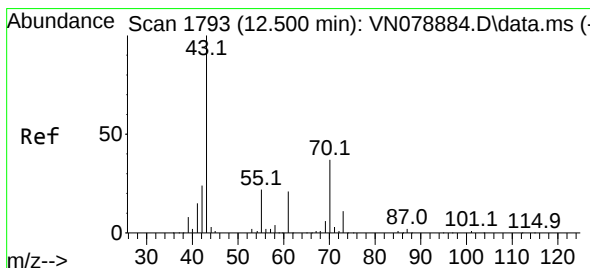
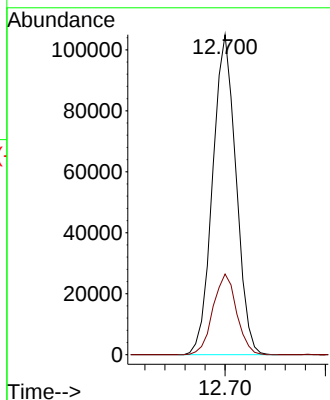
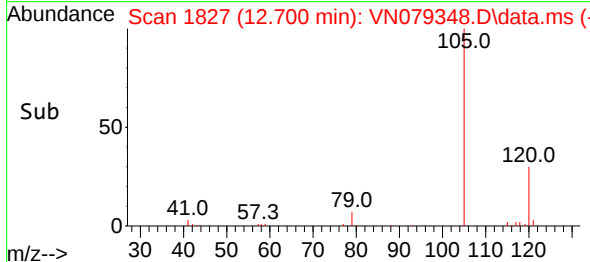
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



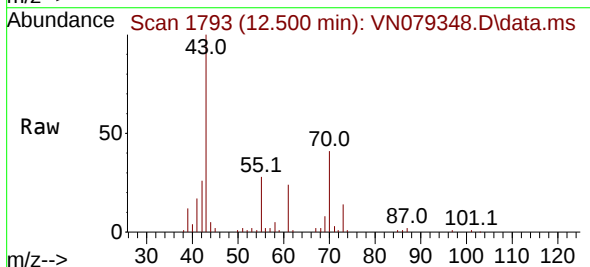
Tgt Ion:105 Resp: 169440
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

Manual Integrations
APPROVED

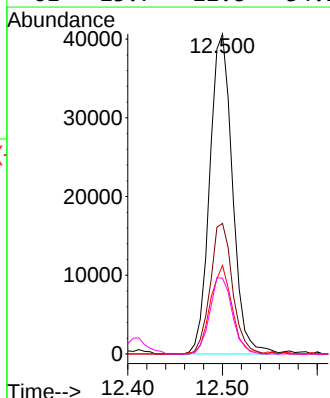
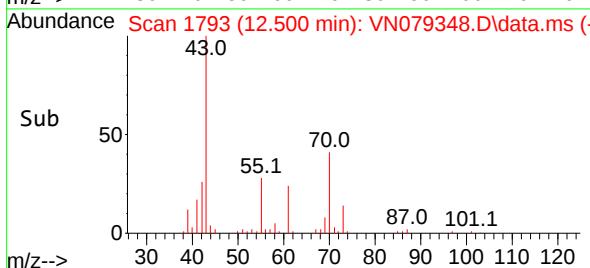
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

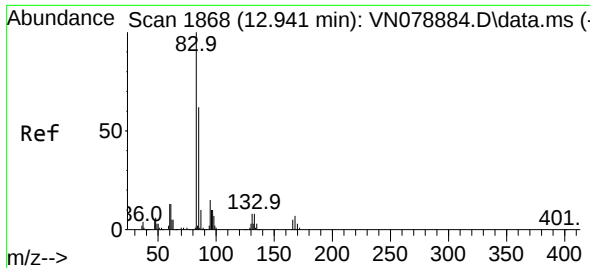


#74
N-ethyl acetate
Concen: 18.907 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05



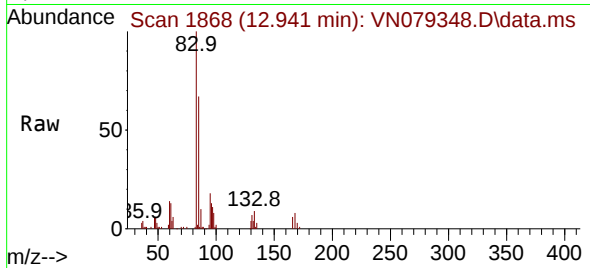
Tgt Ion: 43 Resp: 67790
Ion Ratio Lower Upper
43 100
70 39.9 43.4 65.2#
55 26.2 21.4 32.0
61 23.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.872 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

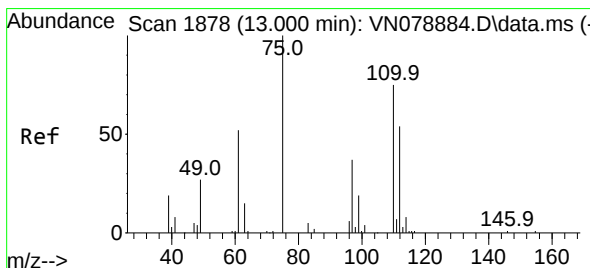
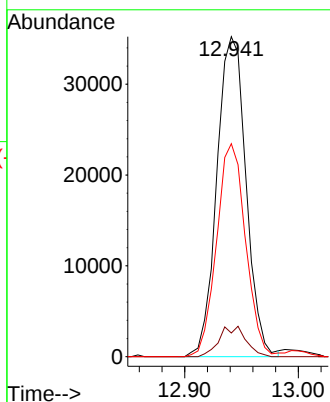
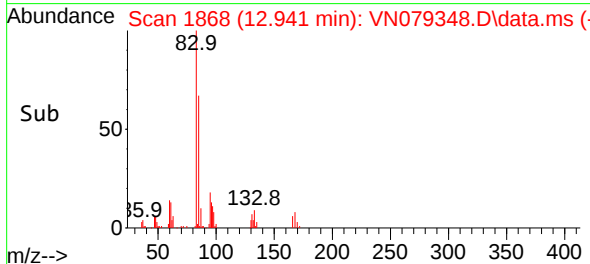
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion: 83 Resp: 6289
Ion Ratio Lower Upper
83 100
131 8.7 5.0 15.0
85 66.1 31.9 95.7

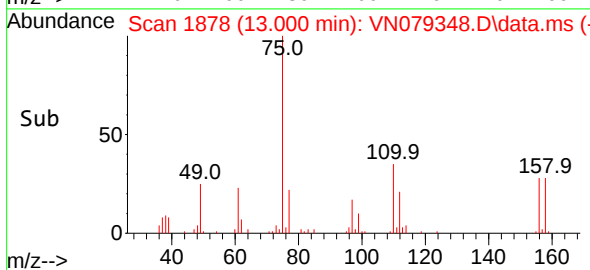
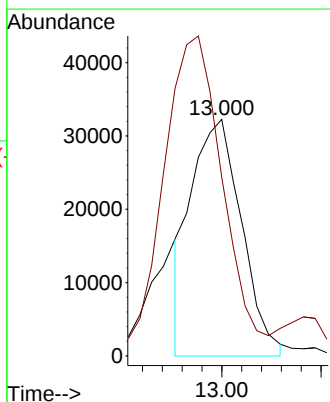
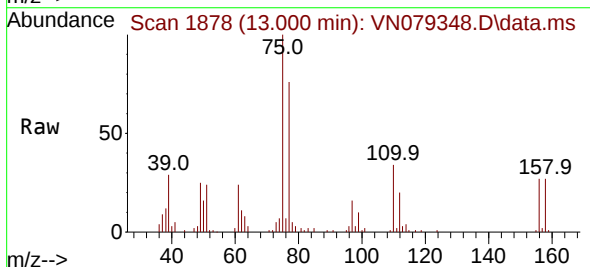
Manual Integrations
APPROVED

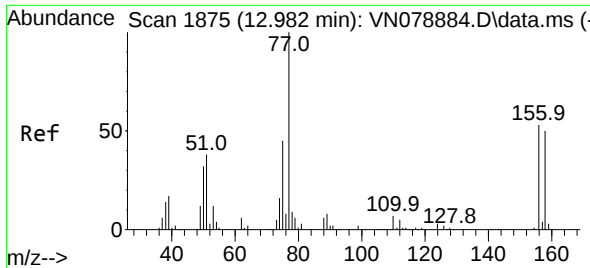
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#76
1,2,3-Trichloropropane
Concen: 20.232 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

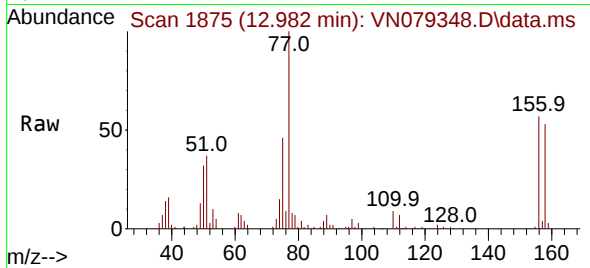
Tgt Ion: 75 Resp: 56641
Ion Ratio Lower Upper
75 100
77 159.3 84.5 253.5





#77
Bromobenzene
Concen: 17.185 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

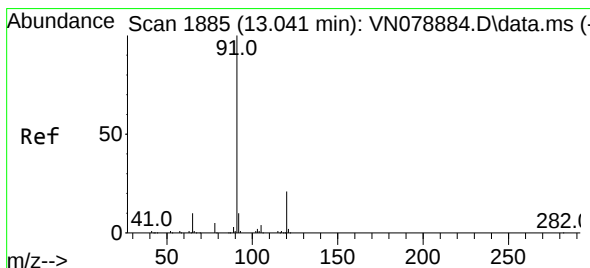
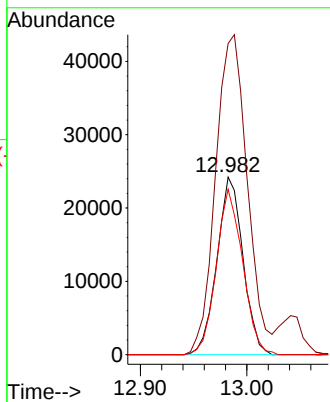
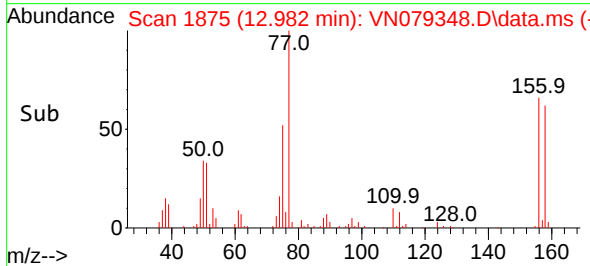
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



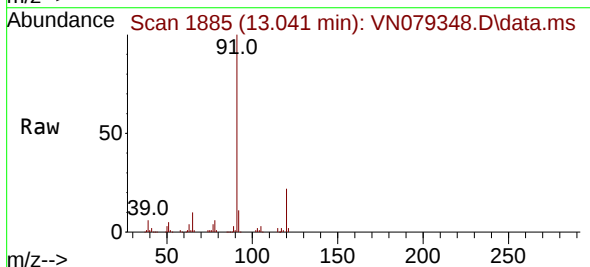
Tgt Ion:156 Resp: 41124
Ion Ratio Lower Upper
156 100
77 219.4 107.7 323.3
158 94.0 48.4 145.3

Manual Integrations
APPROVED

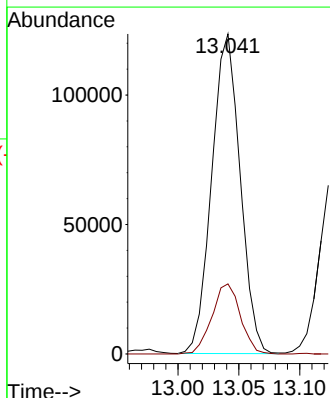
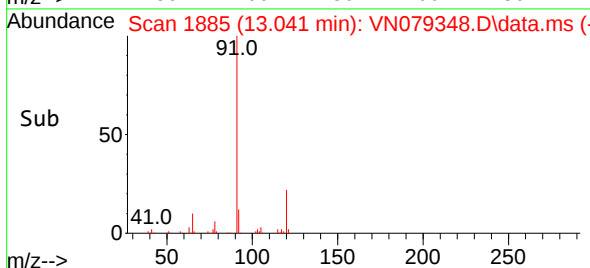
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

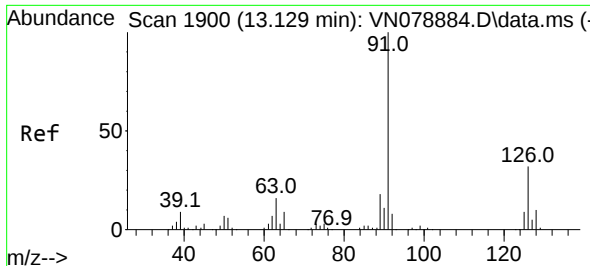


#78
n-propylbenzene
Concen: 18.885 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05



Tgt Ion: 91 Resp: 200493
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





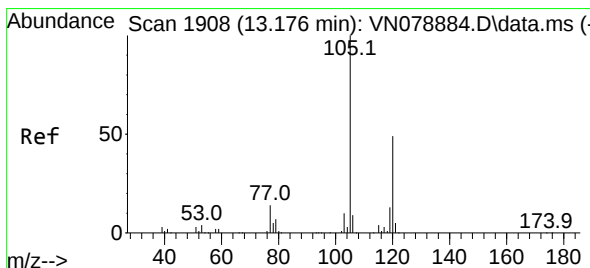
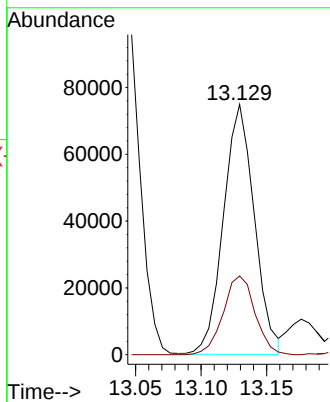
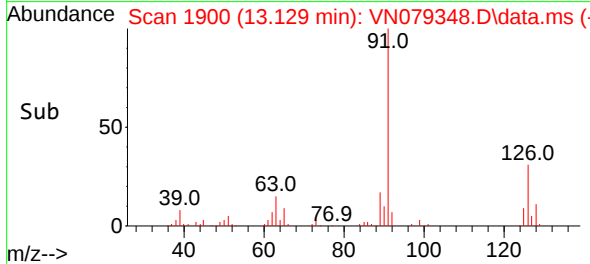
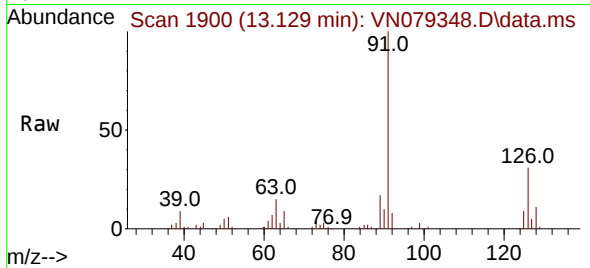
#79
2-Chlorotoluene
Concen: 17.708 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tgt Ion: 91 Resp: 12296
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8

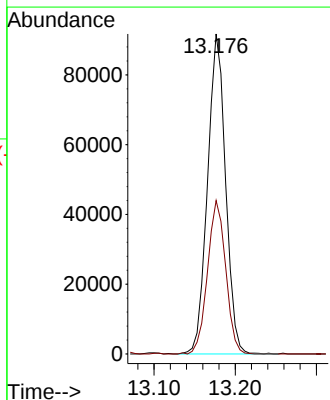
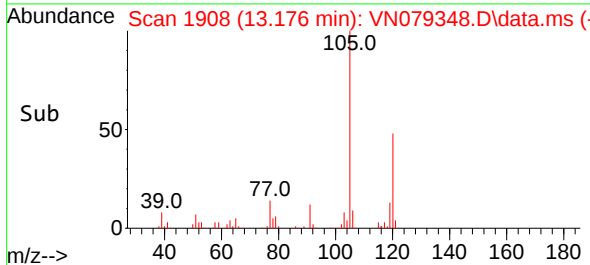
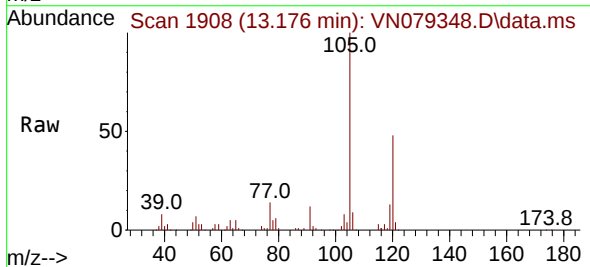
Manual Integrations
APPROVED

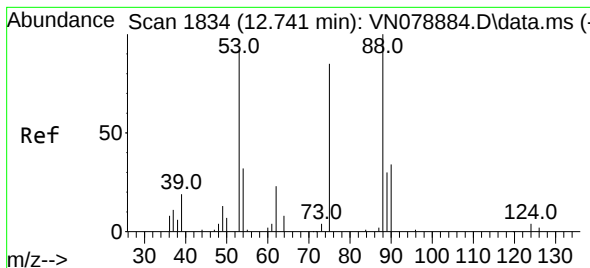
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.971 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

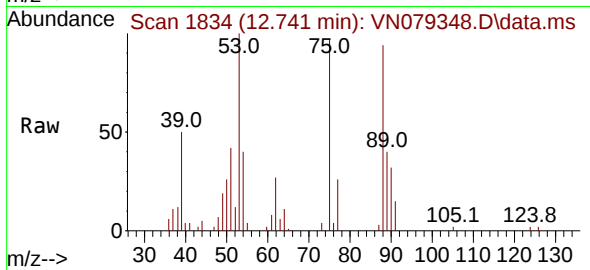
Tgt Ion:105 Resp: 141520
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.298 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

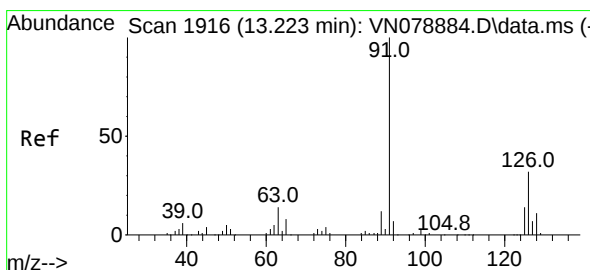
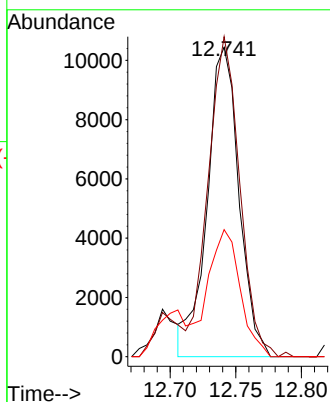
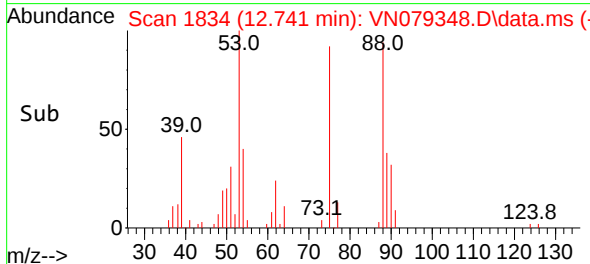
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion: 75 Resp: 1761
Ion Ratio Lower Upper
75 100
53 102.3 67.4 101.2
89 42.7 38.8 58.2

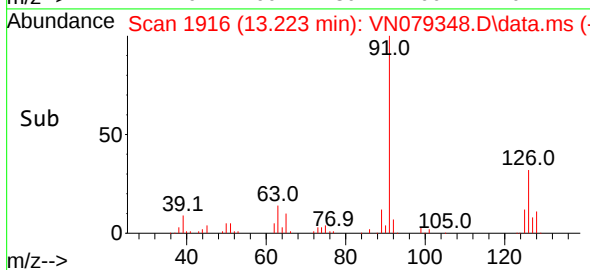
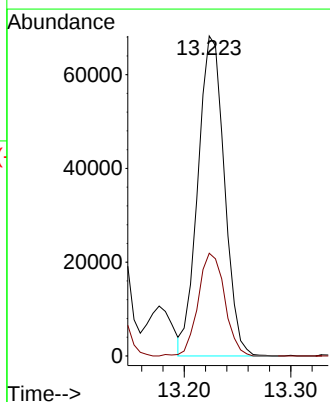
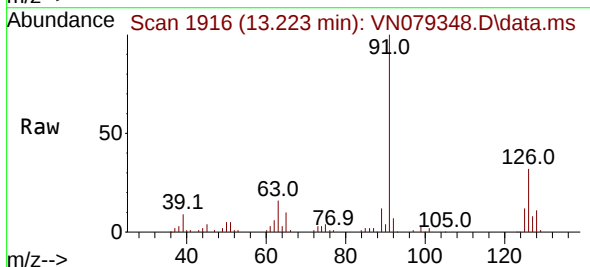
Manual Integrations
APPROVED

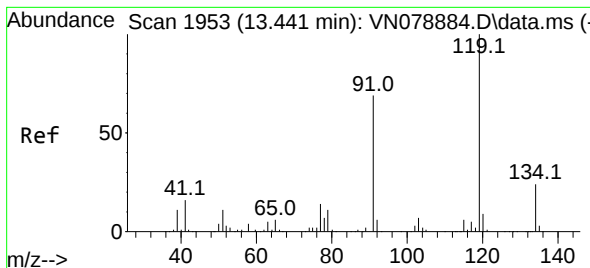
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#82
4-Chlorotoluene
Concen: 18.092 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion: 91 Resp: 118041
Ion Ratio Lower Upper
91 100
126 32.1 16.7 50.0





#83

tert-Butylbenzene

Concen: 17.607 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tgt Ion:119 Resp: 114699

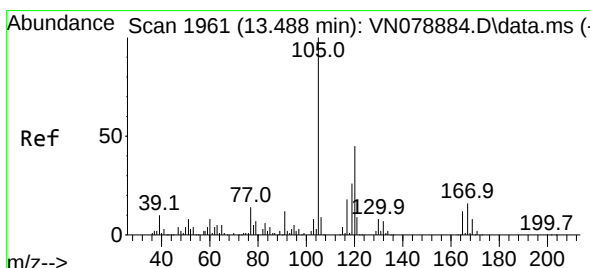
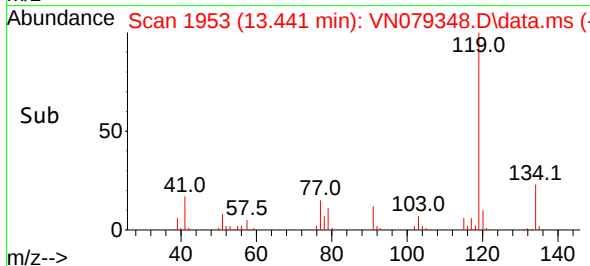
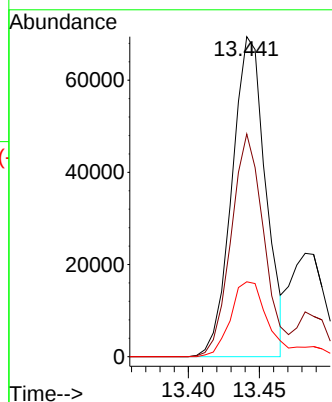
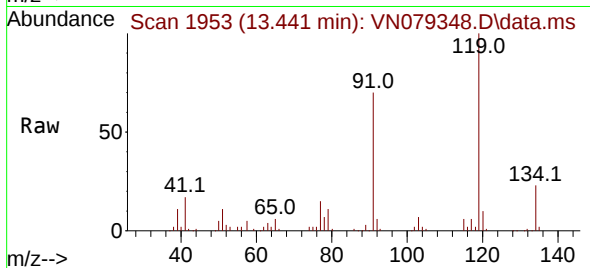
Ion	Ratio	Lower	Upper
119	100		
91	68.3	33.9	101.7
134	26.3	13.2	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.637 ug/l

RT: 13.488 min Scan# 1961

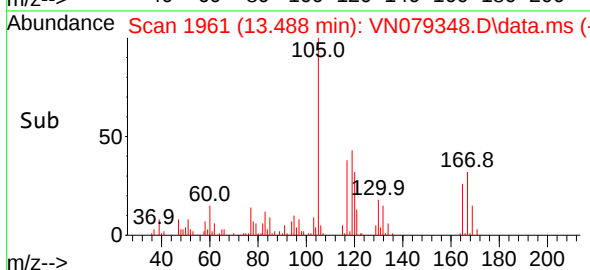
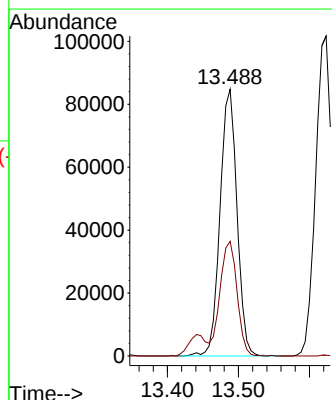
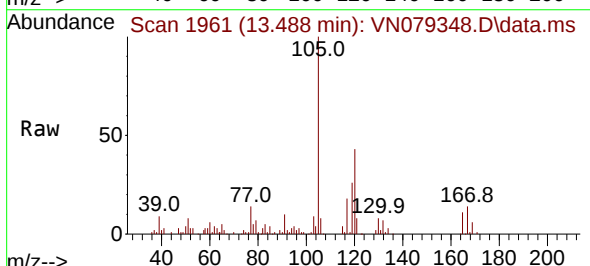
Delta R.T. 0.000 min

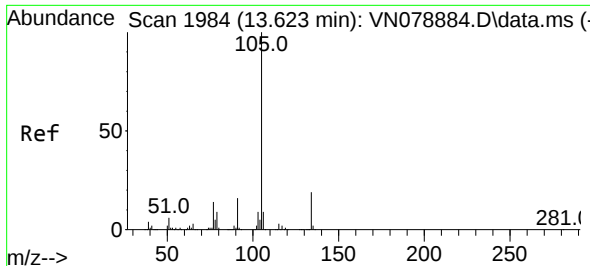
Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Tgt Ion:105 Resp: 139773

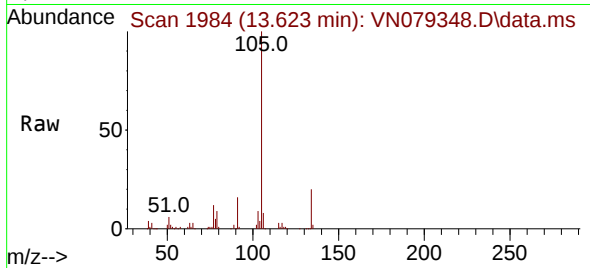
Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.0	66.0





#85
 sec-Butylbenzene
 Concen: 18.516 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079348.D
 Acq: 26 Sep 2023 12:05

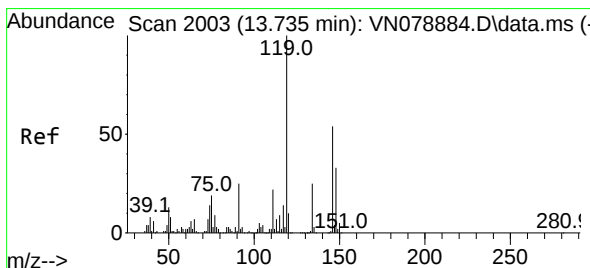
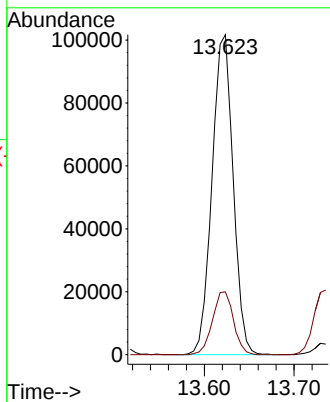
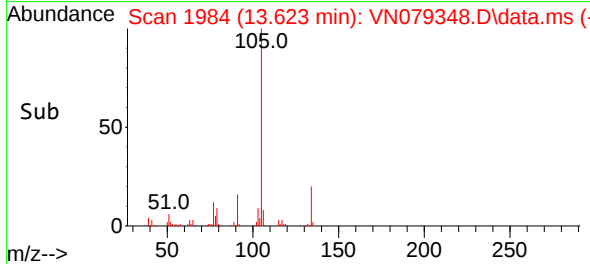
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01



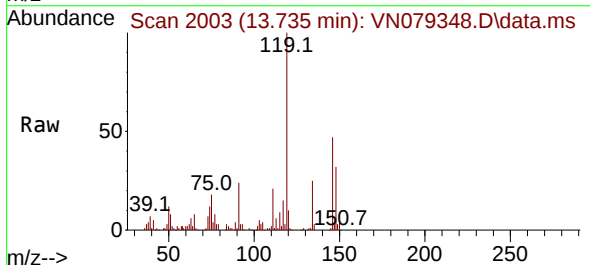
Tgt Ion:105 Resp: 166060
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

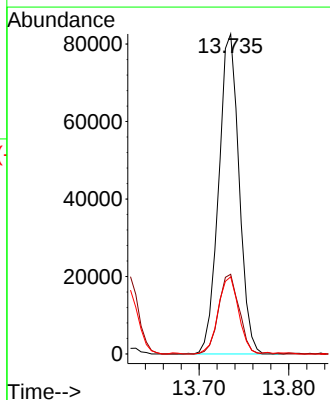
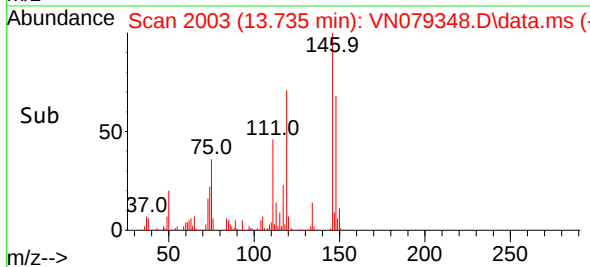
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023

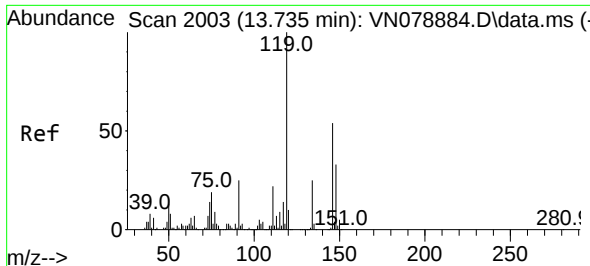


#86
 p-Isopropyltoluene
 Concen: 18.173 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079348.D
 Acq: 26 Sep 2023 12:05



Tgt Ion:119 Resp: 130211
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.463 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tgt Ion:146 Resp: 6854

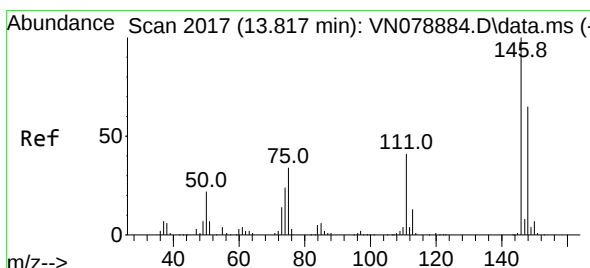
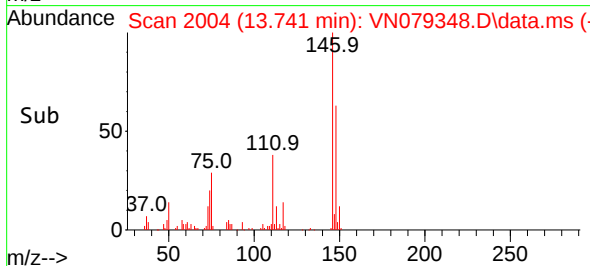
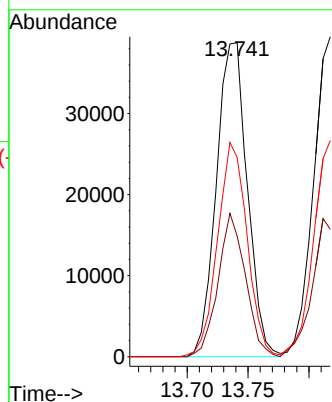
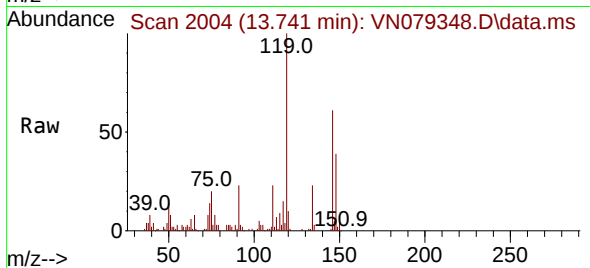
Ion	Ratio	Lower	Upper
146	100		
111	40.4	22.1	66.3
148	65.2	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#88

1,4-Dichlorobenzene

Concen: 16.543 ug/l

RT: 13.818 min Scan# 2017

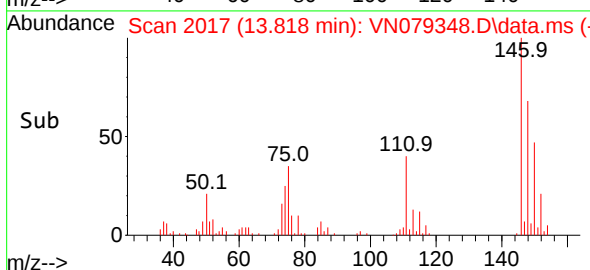
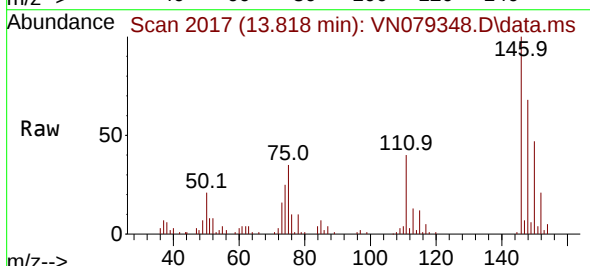
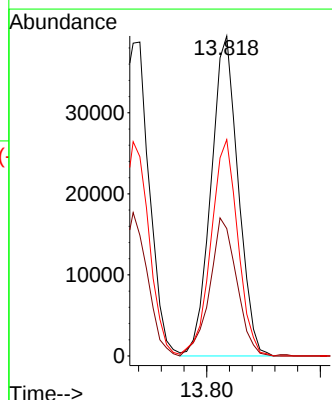
Delta R.T. -0.000 min

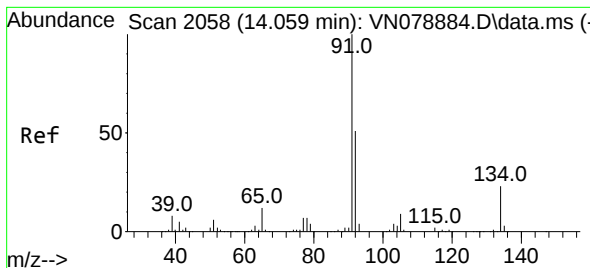
Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Tgt Ion:146 Resp: 65611

Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.6	61.8
148	66.8	31.6	94.8





#89

n-Butylbenzene

Concen: 18.301 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tgt Ion: 91 Resp: 103114

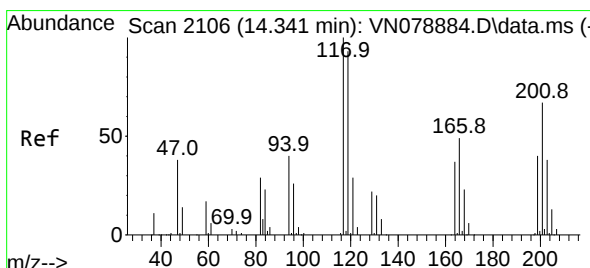
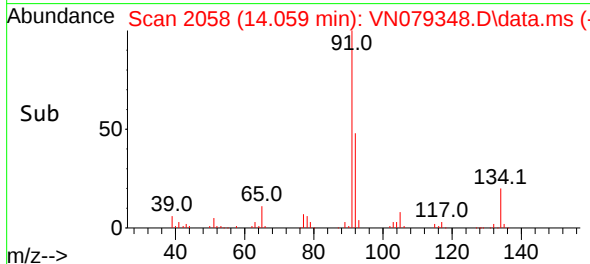
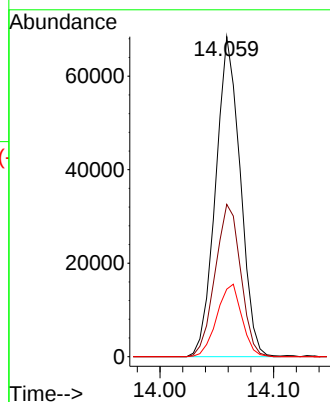
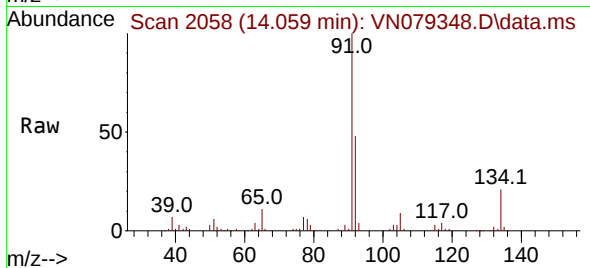
Ion	Ratio	Lower	Upper
91	100		
92	49.4	26.4	79.0
134	23.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#90

Hexachloroethane

Concen: 18.767 ug/l

RT: 14.335 min Scan# 2105

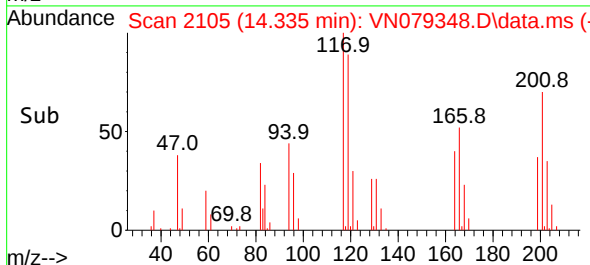
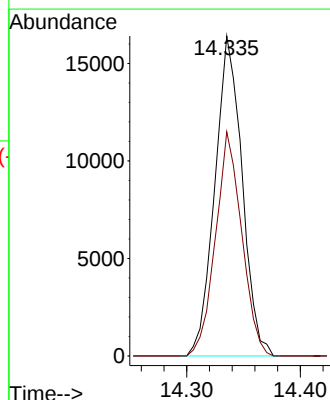
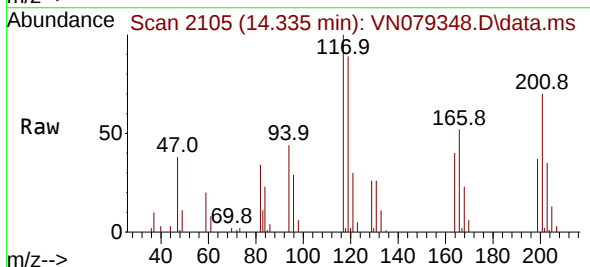
Delta R.T. 0.000 min

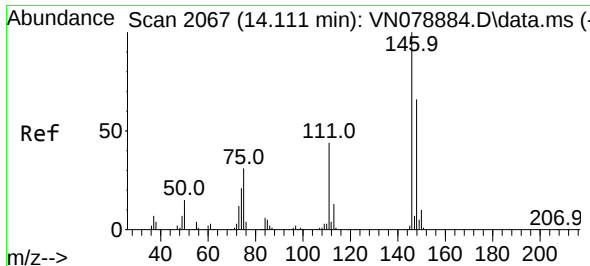
Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Tgt Ion:117 Resp: 27307

Ion	Ratio	Lower	Upper
117	100		
201	67.5	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 17.485 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

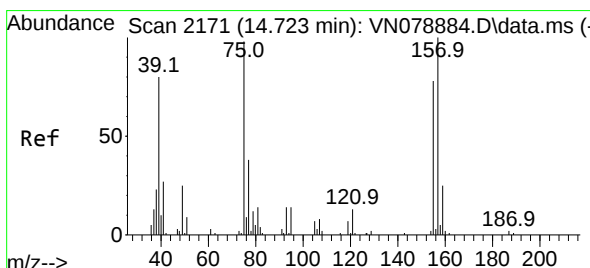
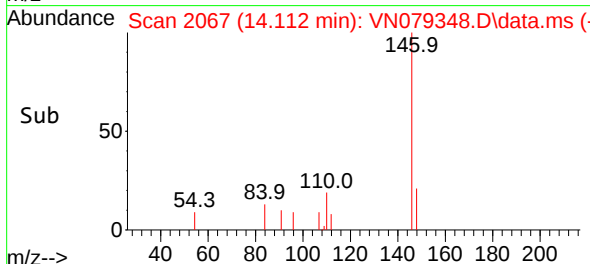
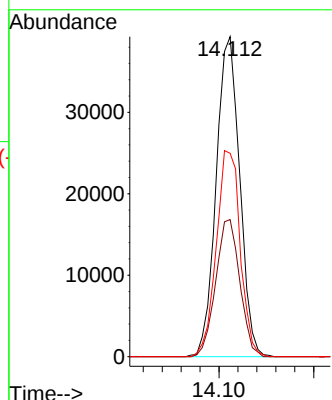
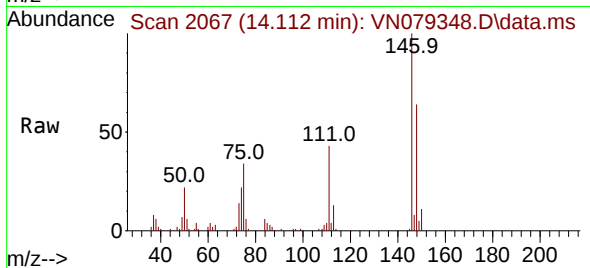
Tgt Ion:	146	Resp:	67750
Ion Ratio	Lower	Upper	
146	100		
111	43.9	22.0	66.0
148	65.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.109 ug/l

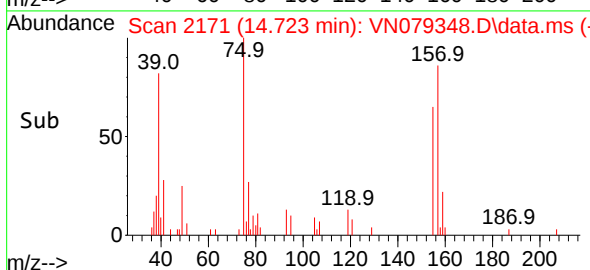
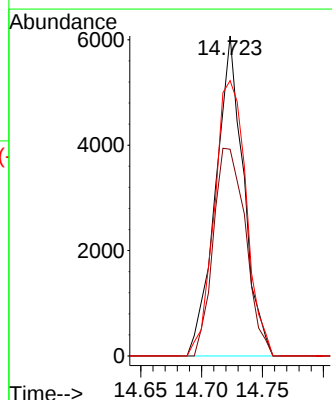
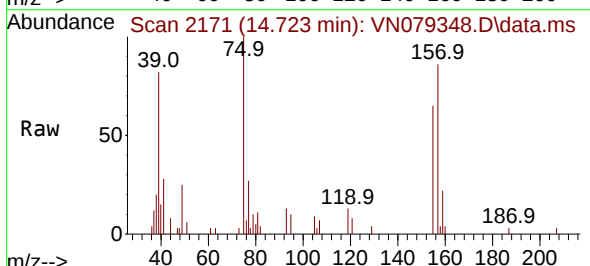
RT: 14.723 min Scan# 2171

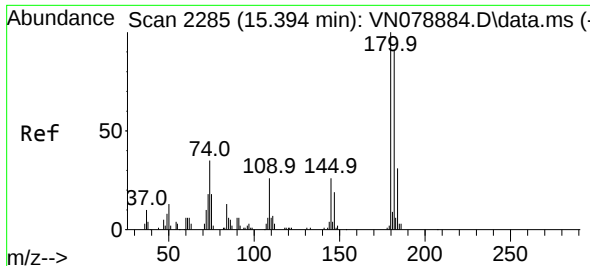
Delta R.T. 0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

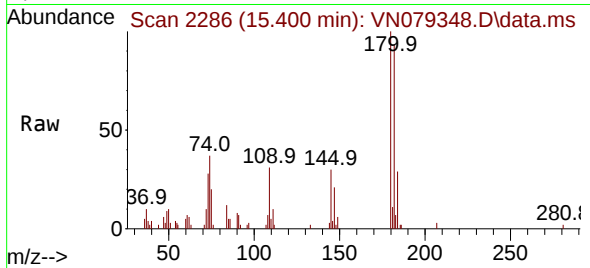
Tgt Ion:	75	Resp:	9688
Ion Ratio	Lower	Upper	
75	100		
155	74.9	39.1	117.2
157	98.0	50.3	150.9





#93
1,2,4-Trichlorobenzene
Concen: 14.463 ug/l
RT: 15.400 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

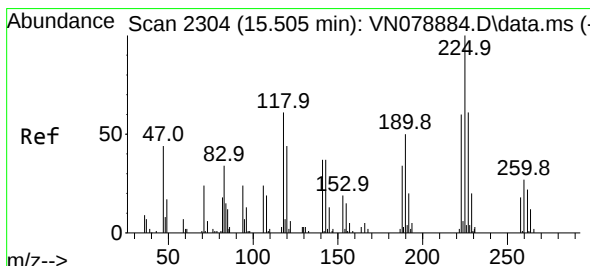
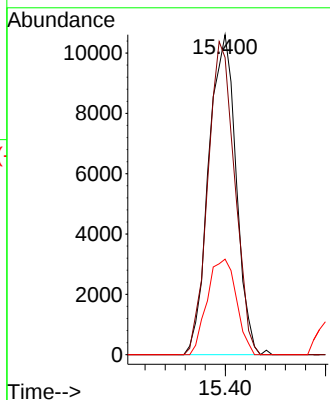
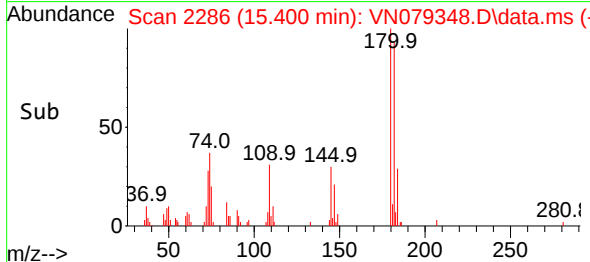
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01



Tgt Ion:180 Resp: 20138
Ion Ratio Lower Upper
180 100
182 95.6 46.1 138.2
145 31.7 16.6 49.8

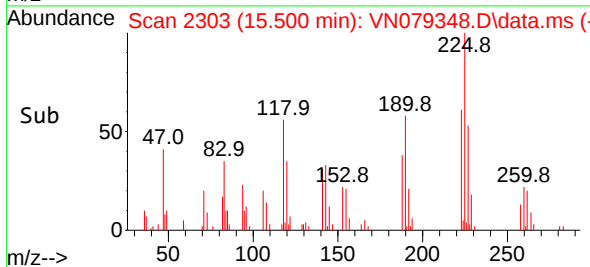
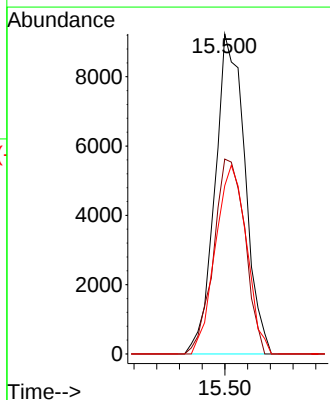
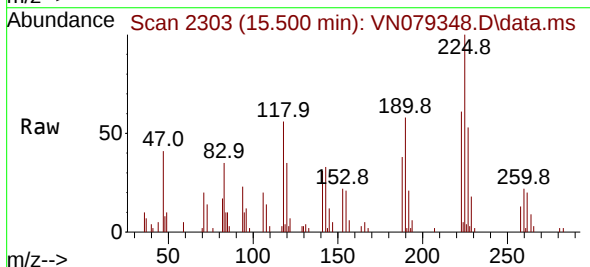
Manual Integrations
APPROVED

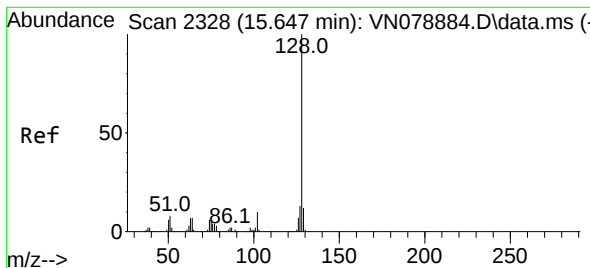
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#94
Hexachlorobutadiene
Concen: 15.408 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079348.D
Acq: 26 Sep 2023 12:05

Tgt Ion:225 Resp: 16877
Ion Ratio Lower Upper
225 100
223 63.7 31.3 93.8
227 61.5 31.9 95.9





#95

Naphthalene

Concen: 12.588 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

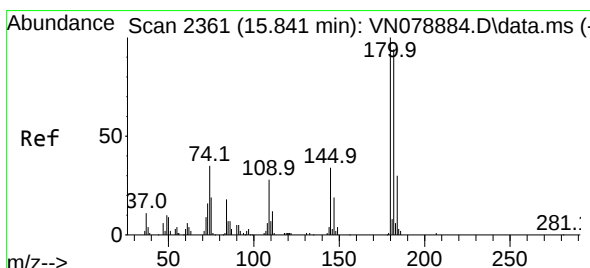
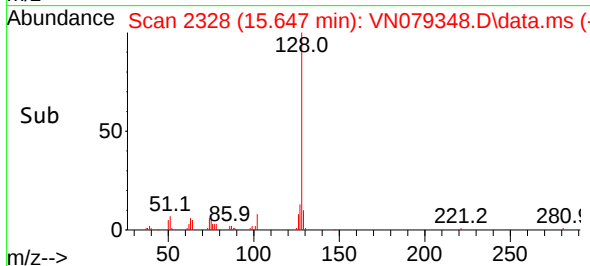
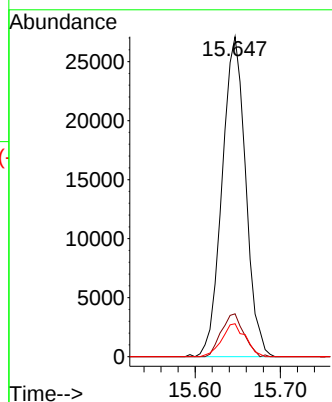
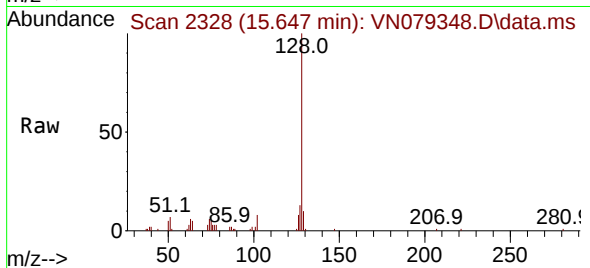
Tgt Ion:128	Resp:	52059
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.0 15.0
129	10.4	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#96

1,2,3-Trichlorobenzene

Concen: 14.135 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079348.D

Acq: 26 Sep 2023 12:05

Tgt Ion:180	Resp:	23217
Ion Ratio	Lower	Upper
180	100	
182	92.6	46.2 138.6
145	31.2	17.5 52.6

