

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079486.D
 Acq On : 10 Oct 2023 12:24
 Operator : JC\MD
 Sample : VN1010WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023

Quant Time: Oct 11 06:15:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	296692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	520076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	464671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	187666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	259074	53.854	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.700%			
35) Dibromofluoromethane	8.171	113	202759	54.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.500%			
50) Toluene-d8	10.571	98	777605	57.502	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.000%#			
62) 4-Bromofluorobenzene	12.853	95	244869	56.423	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	83675	19.682	ug/l	99
3) Chloromethane	2.365	50	97061	18.297	ug/l	94
4) Vinyl Chloride	2.518	62	104386	18.918	ug/l	92
5) Bromomethane	2.948	94	60839	18.418	ug/l	98
6) Chloroethane	3.124	64	68887	16.560	ug/l	99
7) Trichlorofluoromethane	3.500	101	127058	19.503	ug/l	98
8) Diethyl Ether	3.965	74	46147	19.869	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.377	101	73852	19.398	ug/l	99
10) Methyl Iodide	4.595	142	66899	20.250	ug/l	93
11) Tert butyl alcohol	5.530	59	59960	82.813	ug/l	99
12) 1,1-Dichloroethene	4.342	96	66291	18.911	ug/l #	82
13) Acrolein	4.183	56	84446	117.133	ug/l	98
14) Allyl chloride	5.024	41	105662	18.678	ug/l #	90
15) Acrylonitrile	5.724	53	195228	93.005	ug/l	99
16) Acetone	4.430	43	198198	103.874	ug/l	92
17) Carbon Disulfide	4.718	76	196684	17.988	ug/l	99
18) Methyl Acetate	5.024	43	157292	16.843	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	221082	19.410	ug/l	94
20) Methylene Chloride	5.277	84	82482	19.372	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	73652	17.989	ug/l	87
22) Diisopropyl ether	6.677	45	254617	20.072	ug/l #	90
23) Vinyl Acetate	6.606	43	712780	99.896	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	147240	18.966	ug/l	97
25) 2-Butanone	7.488	43	261316	92.274	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	123564	20.827	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	85968	19.328	ug/l	85
28) Bromochloromethane	7.818	49	70260	19.021	ug/l #	76
29) Tetrahydrofuran	7.841	42	168347	91.914	ug/l #	75
30) Chloroform	7.971	83	149380	19.044	ug/l	95
31) Cyclohexane	8.259	56	132443	19.409	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	129771	19.659	ug/l	95
36) 1,1-Dichloropropene	8.371	75	112273	20.015	ug/l	95
37) Ethyl Acetate	7.565	43	109028	19.534	ug/l #	89
38) Carbon Tetrachloride	8.371	117	113219	20.162	ug/l	96
39) Methylcyclohexane	9.606	83	112287	20.835	ug/l #	85
40) Benzene	8.612	78	328520	19.720	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	58446	19.918	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	118115	19.513	ug/l	97
43) Isopropyl Acetate	8.694	43	176081	18.007	ug/l #	89
44) Trichloroethene	9.353	130	77882	19.863	ug/l	95
45) 1,2-Dichloropropane	9.624	63	87418	19.916	ug/l	92
46) Dibromomethane	9.712	93	58191	20.470	ug/l	98
47) Bromodichloromethane	9.894	83	117018	20.011	ug/l	100
48) Methyl methacrylate	9.688	41	80943	19.317	ug/l #	79
49) 1,4-Dioxane	9.700	88	29340	380.131	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	521255	94.430	ug/l	90
52) Toluene	10.629	92	203342	20.736	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	118961	20.187	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	131441	20.376	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	77854	19.776	ug/l	97
56) Ethyl methacrylate	10.876	69	108988	20.147	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	137375	20.209	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	219406	105.905	ug/l	89
59) 2-Hexanone	11.200	43	385233	96.712	ug/l	87
60) Dibromochloromethane	11.365	129	81880	20.695	ug/l	100
61) 1,2-Dibromoethane	11.471	107	76437	19.565	ug/l	96
64) Tetrachloroethene	11.106	164	63021	19.715	ug/l	98
65) Chlorobenzene	11.894	112	207855	20.086	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	74792	19.739	ug/l	97
67) Ethyl Benzene	11.965	91	373421	20.761	ug/l	94
68) m/p-Xylenes	12.076	106	278957	42.685	ug/l	94
69) o-Xylene	12.400	106	134335	20.901	ug/l	96
70) Styrene	12.418	104	212075	20.890	ug/l	96
71) Bromoform	12.582	173	52242	18.839	ug/l #	99
73) Isopropylbenzene	12.700	105	341083	19.536	ug/l	98
74) N-amyl acetate	12.500	43	129687	18.119	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	113406	19.380	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	100532m	18.579	ug/l	
77) Bromobenzene	12.982	156	79073	18.471	ug/l	96
78) n-propylbenzene	13.041	91	404016	20.453	ug/l	98
79) 2-Chlorotoluene	13.129	91	243630	19.274	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	285202	20.716	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	32519	17.438	ug/l #	71
82) 4-Chlorotoluene	13.223	91	233432	19.407	ug/l	100
83) tert-Butylbenzene	13.441	119	223563	19.820	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	277878	21.150	ug/l	100
85) sec-Butylbenzene	13.617	105	325929	20.716	ug/l	99
86) p-Isopropyltoluene	13.735	119	262030	21.710	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	131839	19.417	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	132783	18.939	ug/l	99
89) n-Butylbenzene	14.059	91	210871	21.878	ug/l	96
90) Hexachloroethane	14.335	117	51894	20.563	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	128400	19.387	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16356	16.201	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	35509	17.311	ug/l	96
94) Hexachlorobutadiene	15.506	225	32474	20.327	ug/l	97
95) Naphthalene	15.647	128	90618	14.467	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	40505	16.547	ug/l	97

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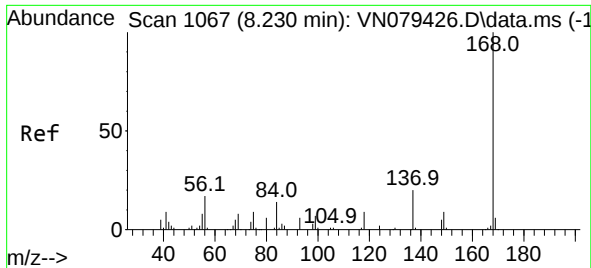
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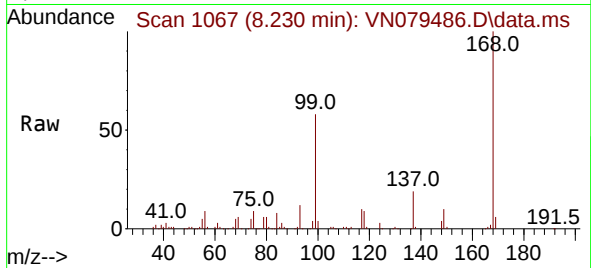
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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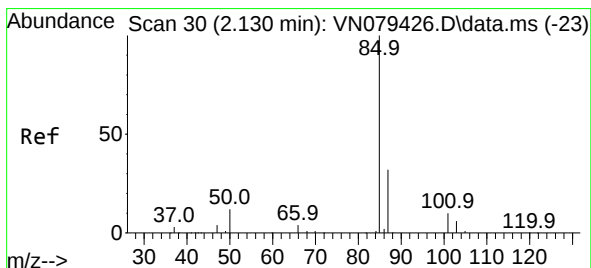
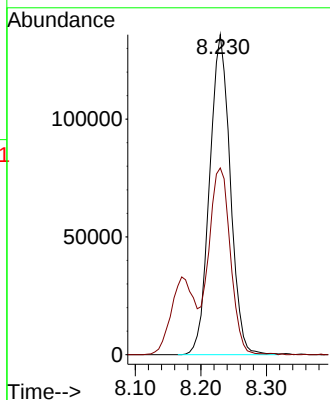
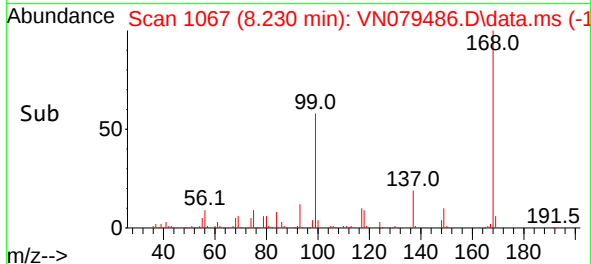
Instrument :
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Tgt Ion:168 Resp: 296692
Ion Ratio Lower Upper
168 100
99 58.4 53.0 79.6

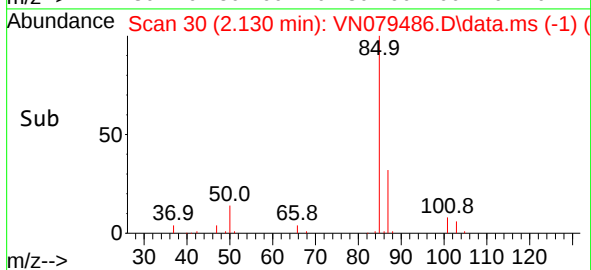
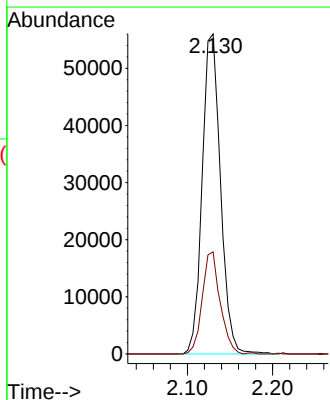
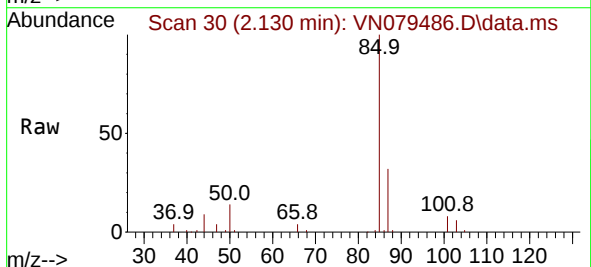
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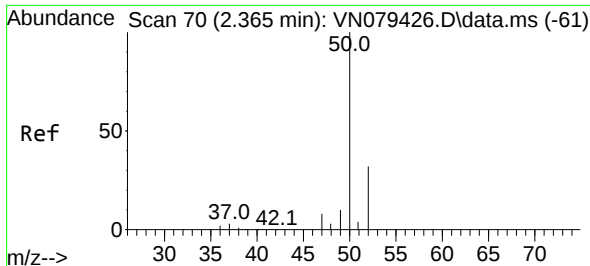
Reviewed By :John Carlone 10/11/2023
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#2
Dichlorodifluoromethane
Concen: 19.682 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Tgt Ion: 85 Resp: 83675
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.4





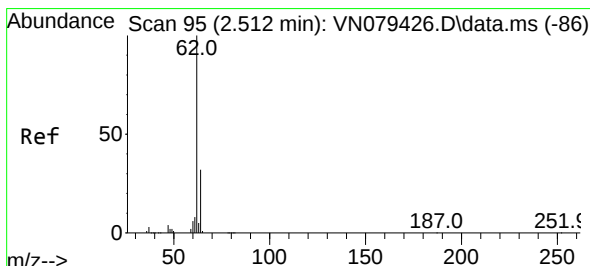
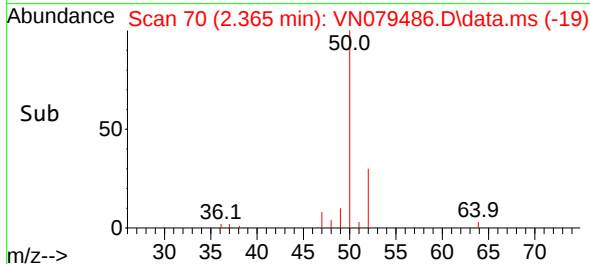
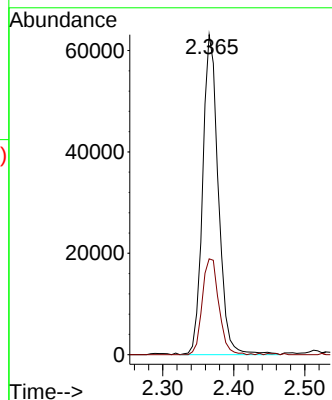
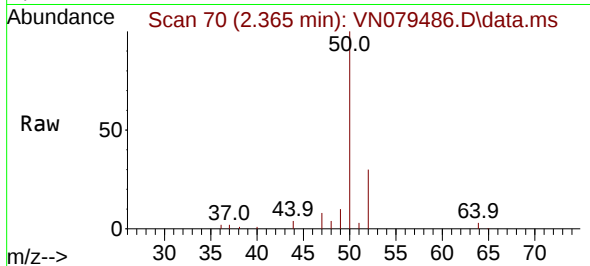
#3
Chloromethane
Concen: 18.297 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Instrument :
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VN1010WBSD01

Tgt Ion: 50 Resp: 9706
Ion Ratio Lower Upper
50 100
52 29.9 26.5 39.7

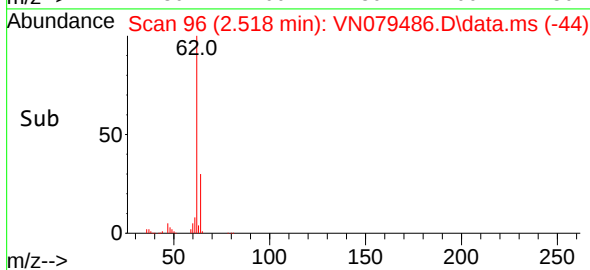
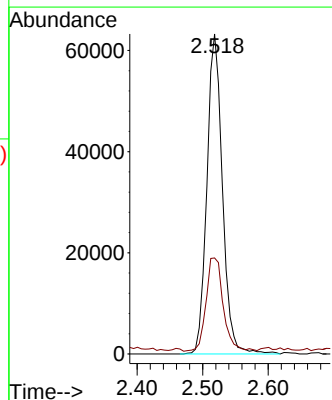
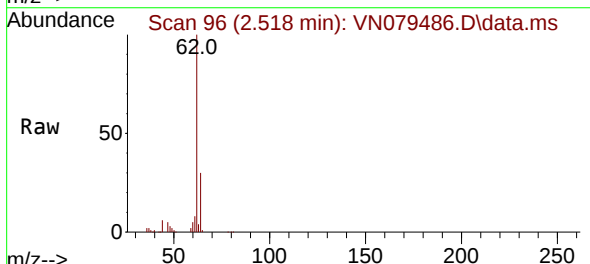
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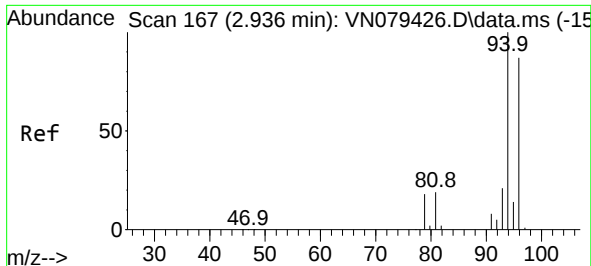
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#4
Vinyl Chloride
Concen: 18.918 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Tgt Ion: 62 Resp: 104386
Ion Ratio Lower Upper
62 100
64 28.4 26.2 39.2





#5

Bromomethane

Concen: 18.418 ug/l

RT: 2.948 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN079486.D

Acq: 10 Oct 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 94 Resp: 60839

Ion Ratio Lower Upper

94 100

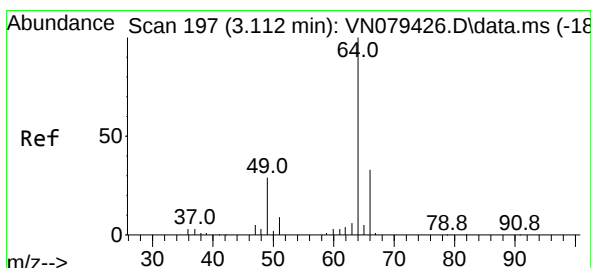
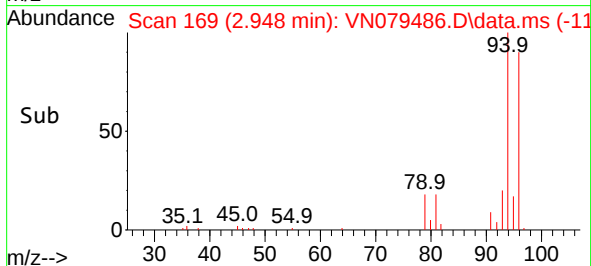
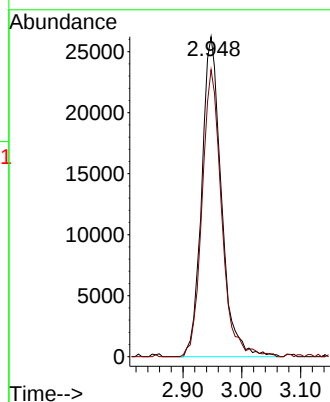
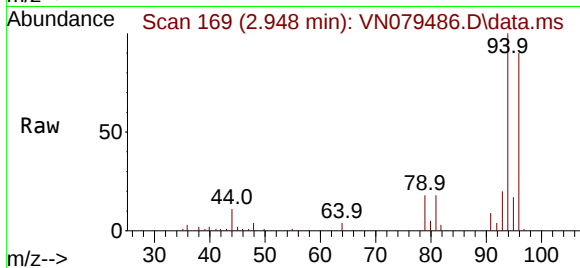
96 89.7 73.1 109.7

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#6

Chloroethane

Concen: 16.560 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.012 min

Lab File: VN079486.D

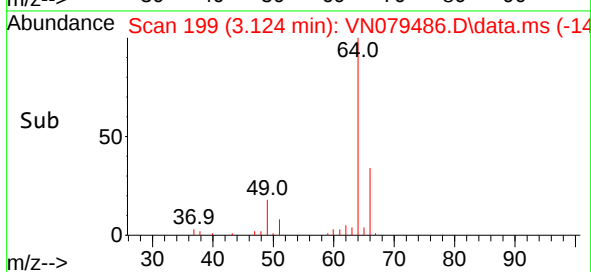
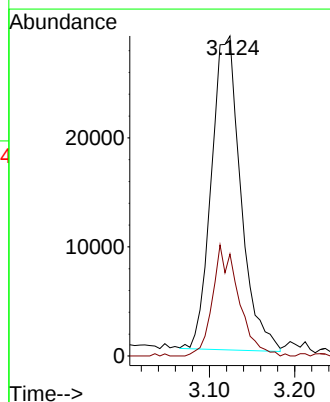
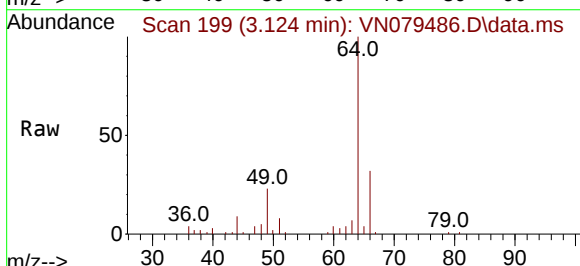
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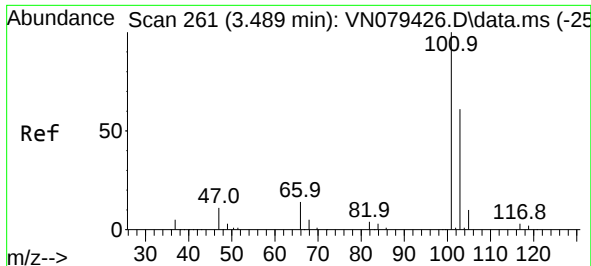
Tgt Ion: 64 Resp: 68887

Ion Ratio Lower Upper

64 100

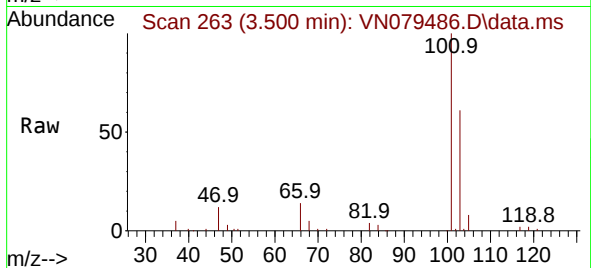
66 32.6 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.503 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.012 min
 Lab File: VN079486.D
 Acq: 10 Oct 2023 12:24

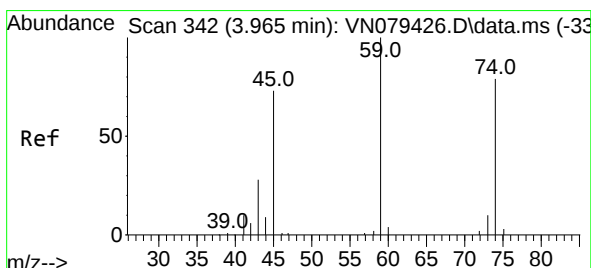
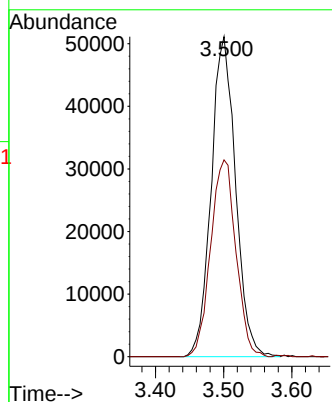
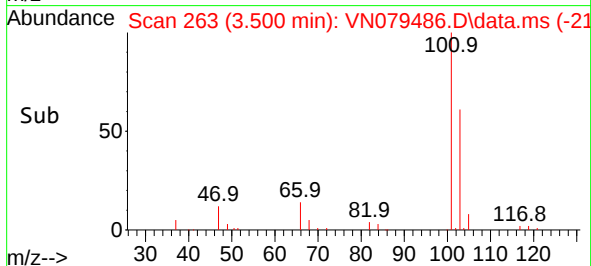
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01



Tgt Ion:101 Resp: 127058
 Ion Ratio Lower Upper
 101 100
 103 61.5 50.7 76.1

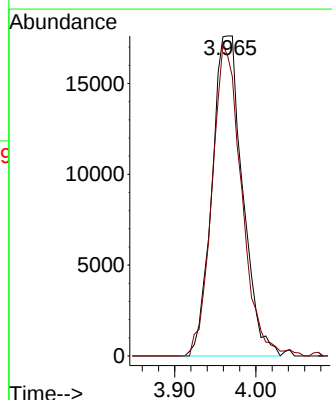
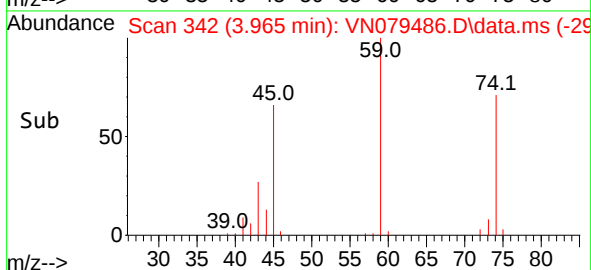
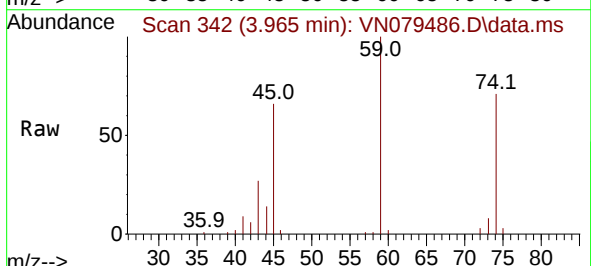
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#8
 Diethyl Ether
 Concen: 19.869 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079486.D
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Tgt Ion: 74 Resp: 46147
 Ion Ratio Lower Upper
 74 100
 45 94.2 34.4 103.3





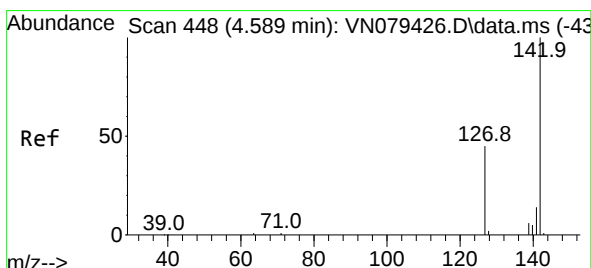
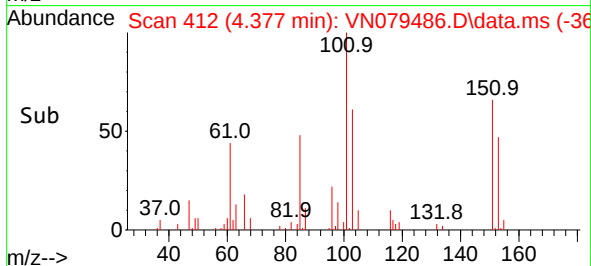
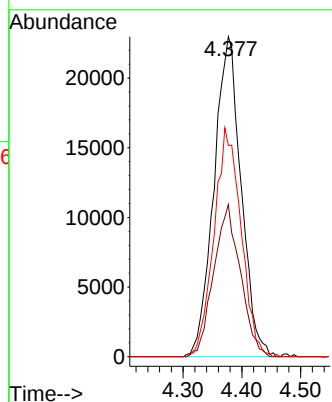
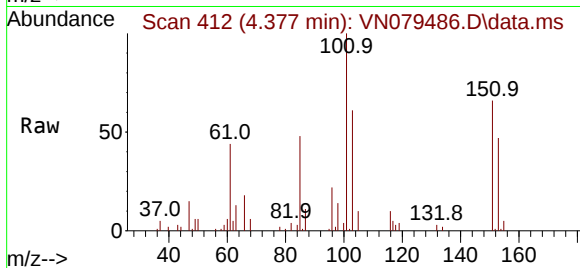
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.398 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079486.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion:101 Resp: 73852
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 71.0 57.6 86.4

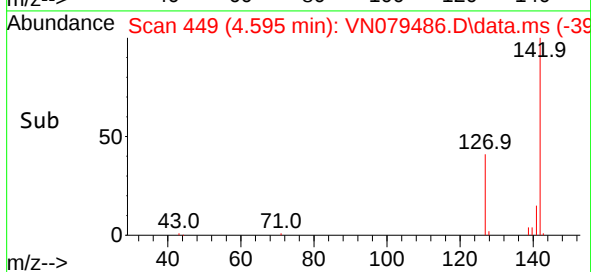
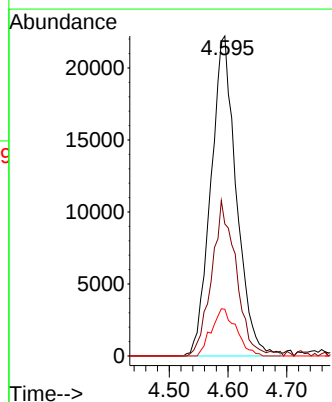
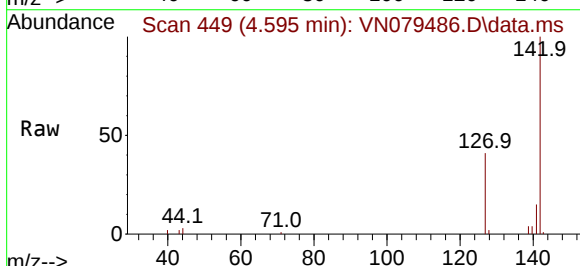
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#10
Methyl Iodide
Concen: 20.250 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

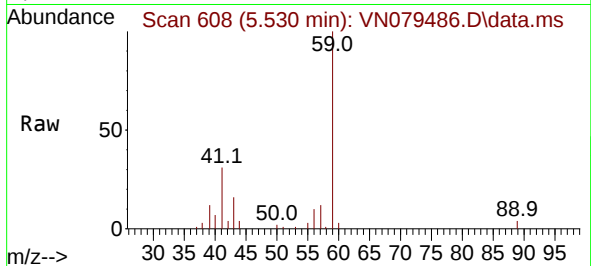
Tgt Ion:142 Resp: 66899
Ion Ratio Lower Upper
142 100
127 41.2 37.6 56.4
141 14.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 82.813 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

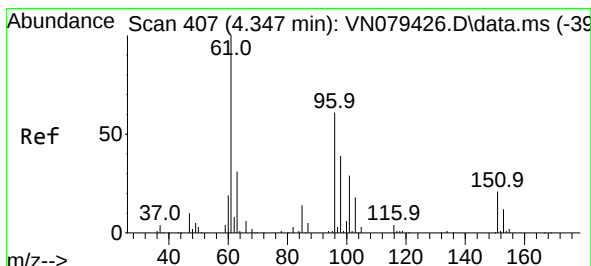
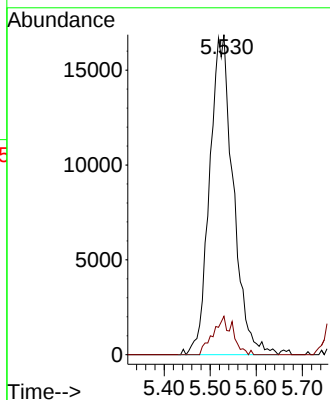
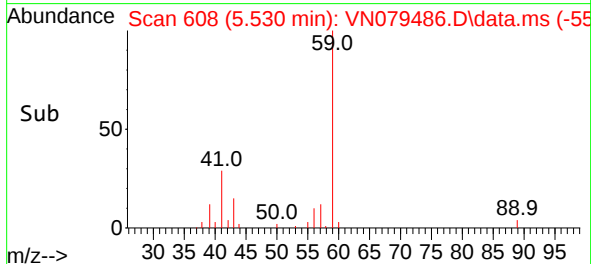
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



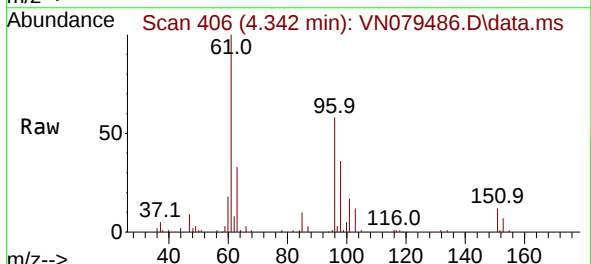
Tgt Ion: 59 Resp: 59960
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

Manual Integrations
APPROVED

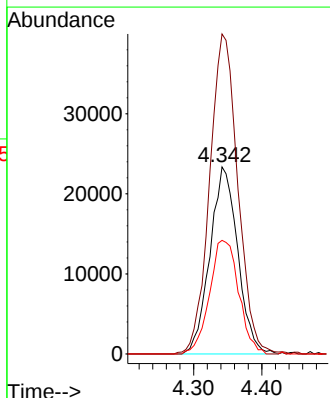
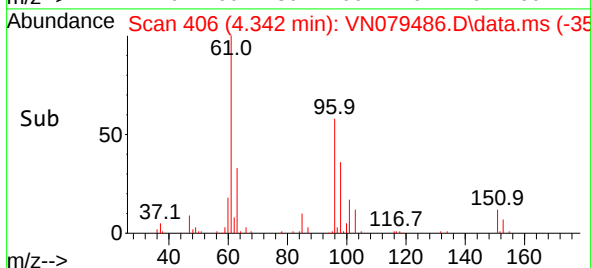
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

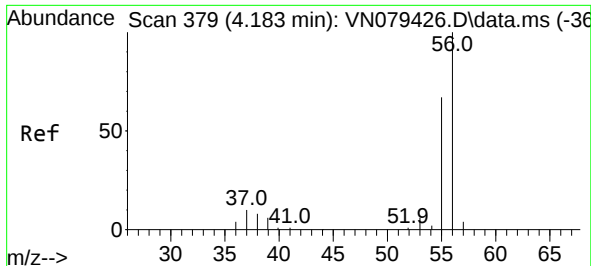


#12
1,1-Dichloroethene
Concen: 18.911 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



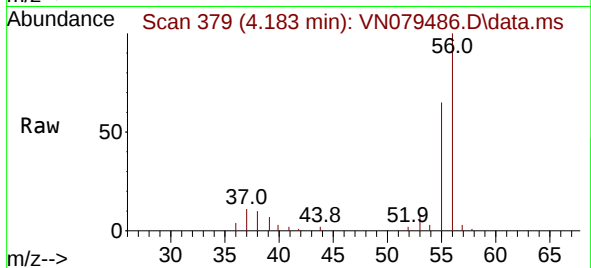
Tgt Ion: 96 Resp: 66291
Ion Ratio Lower Upper
96 100
61 170.2 112.7 169.1#
98 60.8 51.2 76.8





#13
Acrolein
Concen: 117.133 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

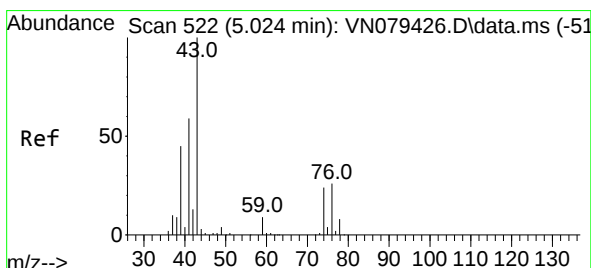
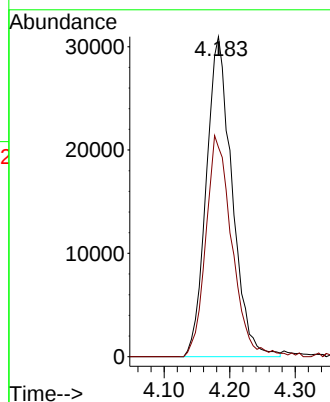
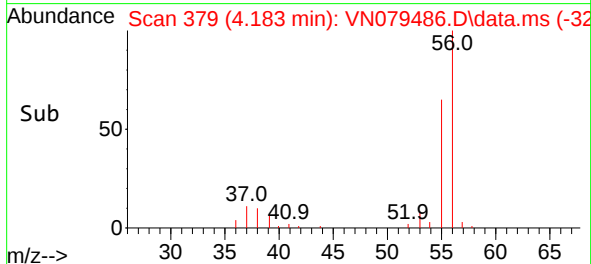
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 56 Resp: 8444
Ion Ratio Lower Upper
56 100
55 69.9 54.5 81.7

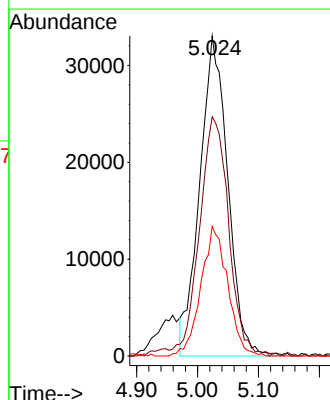
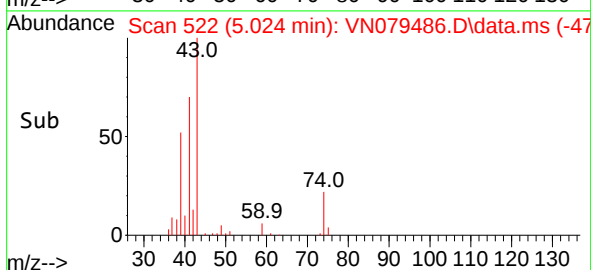
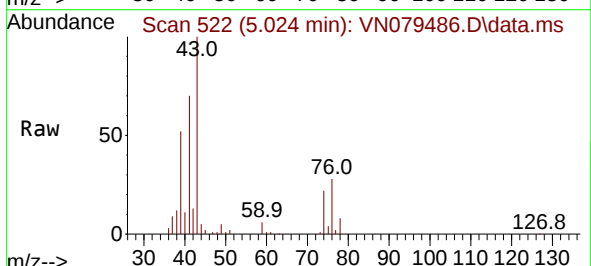
Manual Integrations
APPROVED

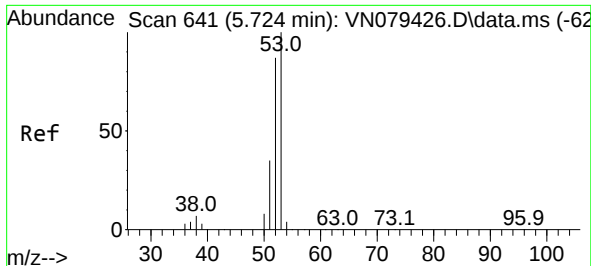
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#14
Allyl chloride
Concen: 18.678 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

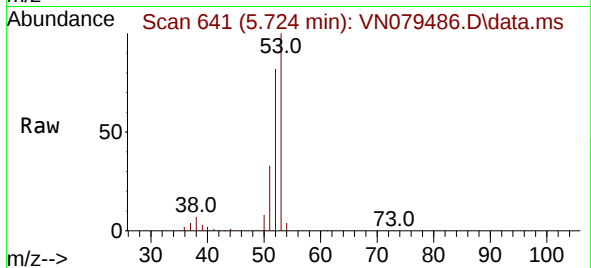
Tgt Ion: 41 Resp: 105662
Ion Ratio Lower Upper
41 100
39 78.9 58.8 88.2
76 38.6 39.1 58.7#





#15
Acrylonitrile
Concen: 93.005 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

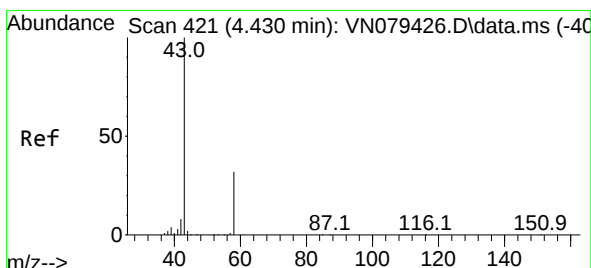
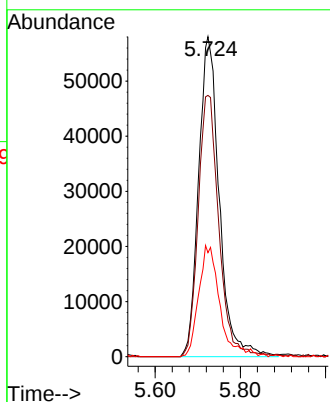
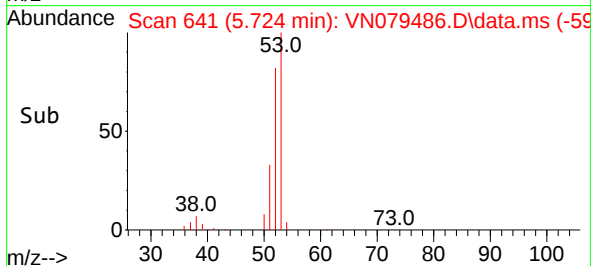
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 53 Resp: 195228
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 34.8 28.9 43.3

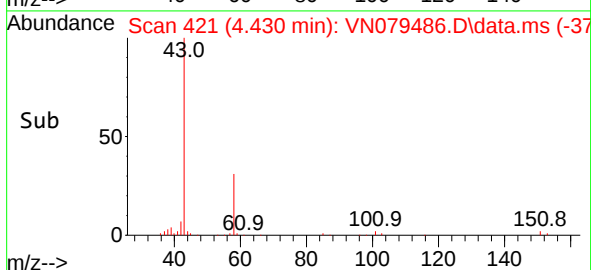
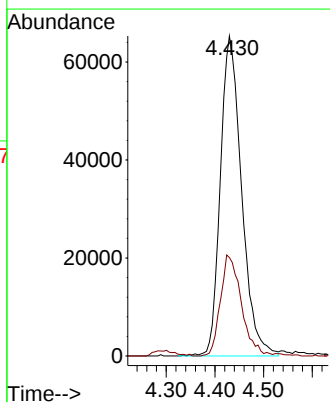
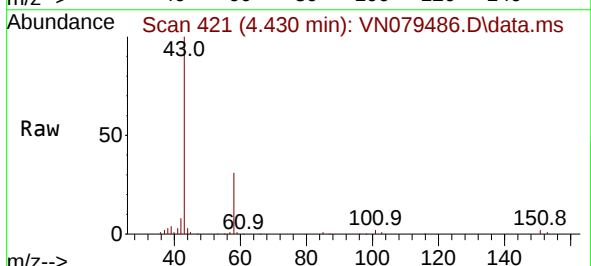
Manual Integrations
APPROVED

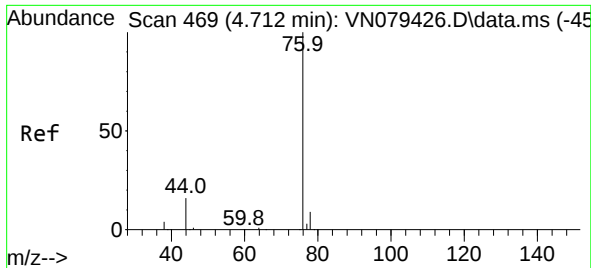
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#16
Acetone
Concen: 103.874 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Tgt Ion: 43 Resp: 198198
Ion Ratio Lower Upper
43 100
58 30.2 28.0 42.0





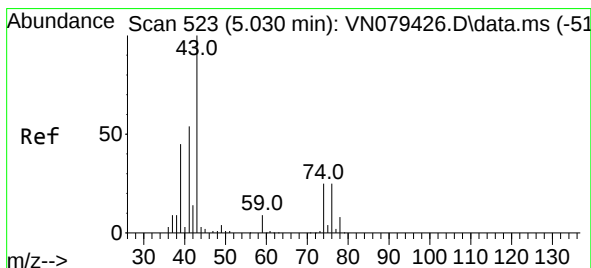
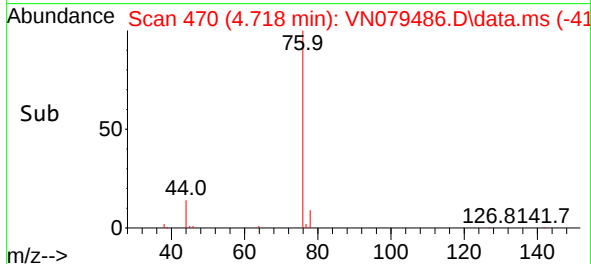
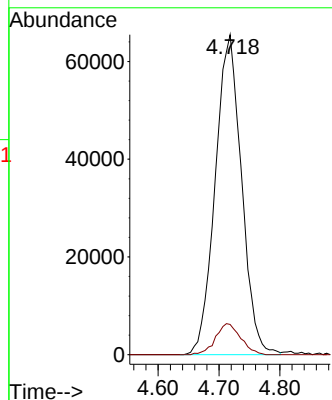
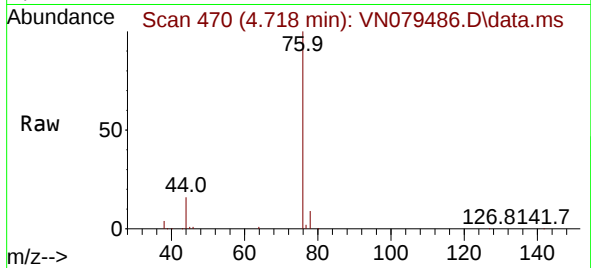
#17
Carbon Disulfide
Concen: 17.988 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion: 76 Resp: 196684
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

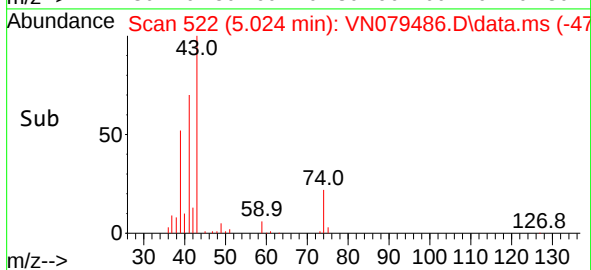
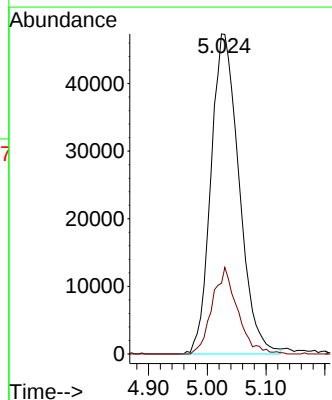
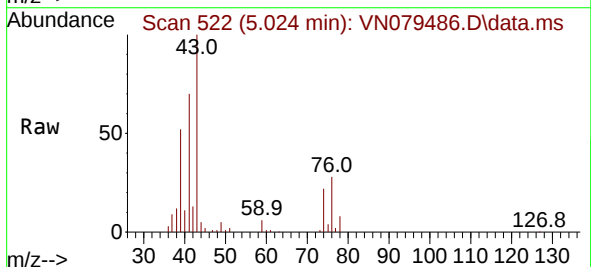
Manual Integrations
APPROVED

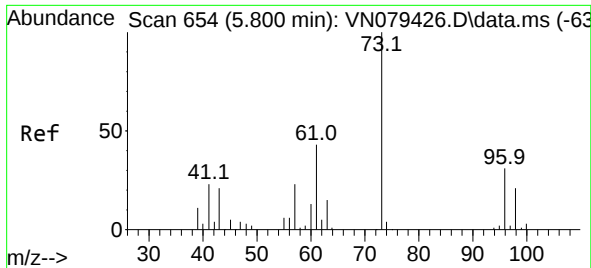
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#18
Methyl Acetate
Concen: 16.843 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Tgt Ion: 43 Resp: 157292
Ion Ratio Lower Upper
43 100
74 24.4 26.2 39.4#





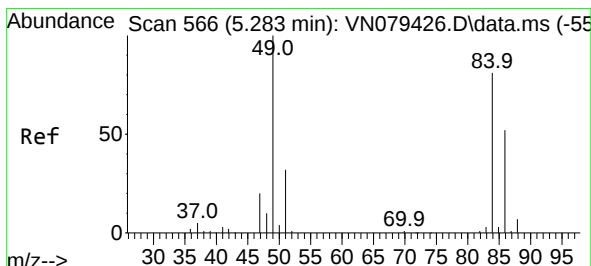
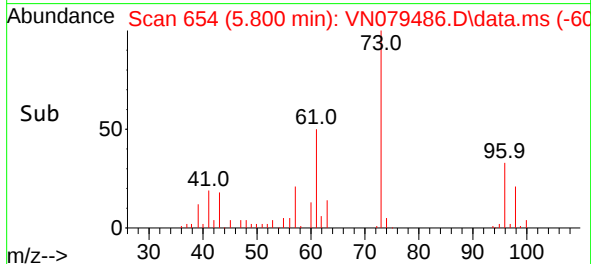
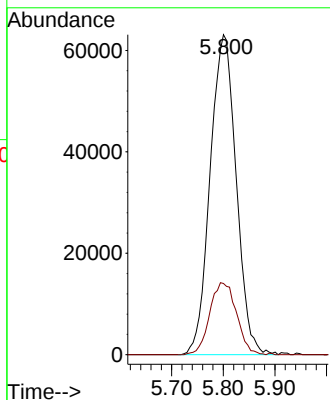
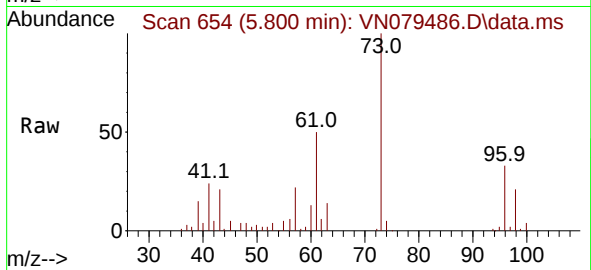
#19
Methyl tert-butyl Ether
Concen: 19.410 ug/l
RT: 5.800 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion: 73 Resp: 221082
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4

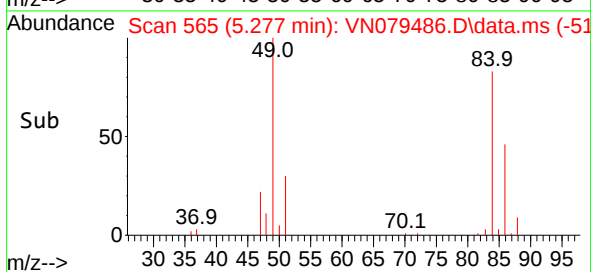
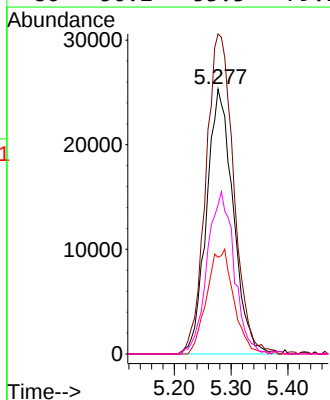
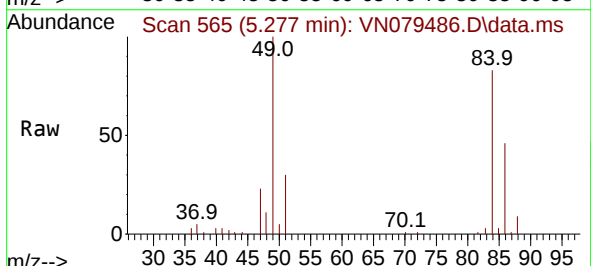
Manual Integrations
APPROVED

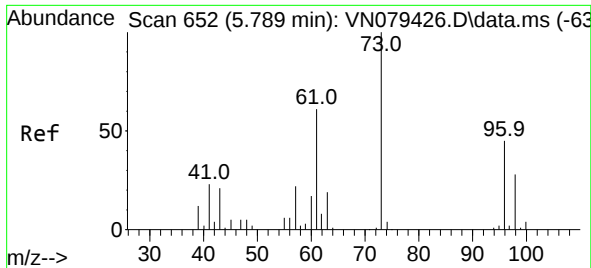
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#20
Methylene Chloride
Concen: 19.372 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Tgt Ion: 84 Resp: 82482
Ion Ratio Lower Upper
84 100
49 120.8 79.7 119.5#
51 36.5 25.2 37.8
86 56.2 53.3 79.9





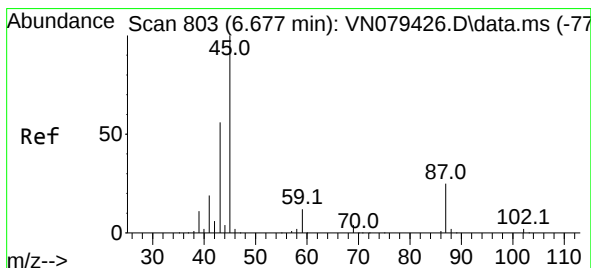
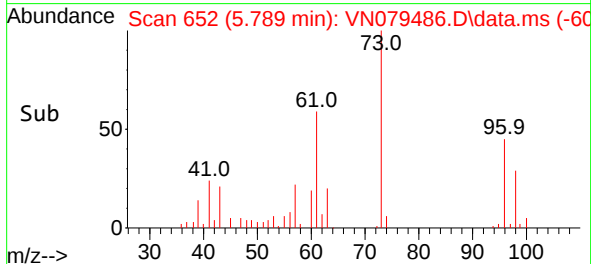
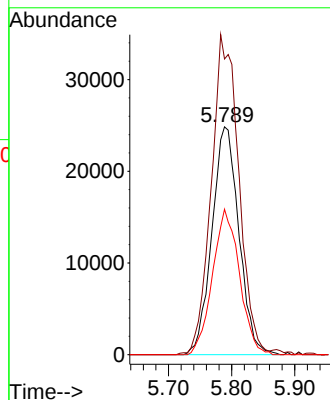
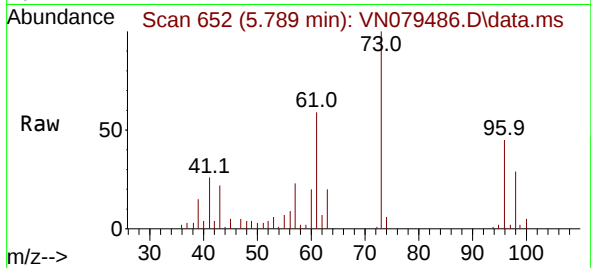
#21
trans-1,2-Dichloroethene
Concen: 17.989 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion: 96 Resp: 73652
Ion Ratio Lower Upper
96 100
61 129.2 90.1 135.1
98 63.9 46.4 69.6

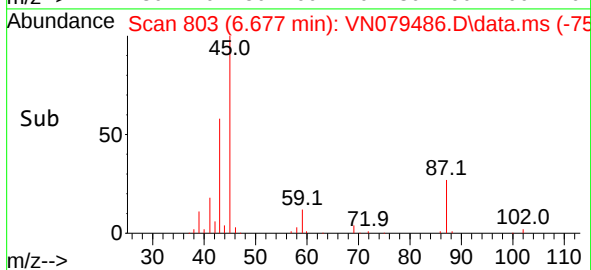
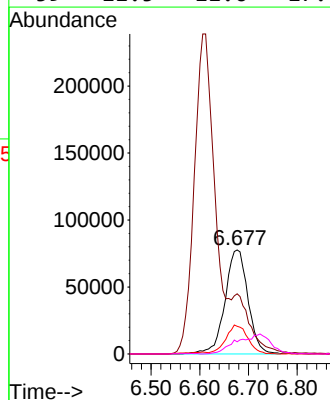
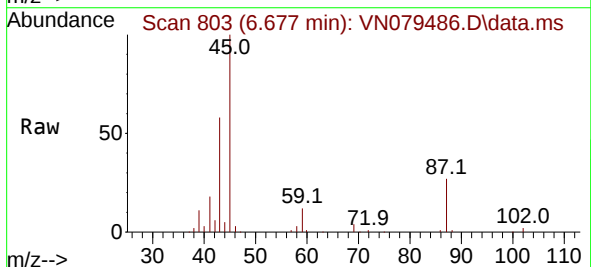
Manual Integrations
APPROVED

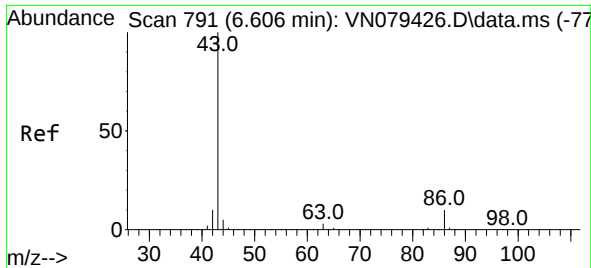
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#22
Diisopropyl ether
Concen: 20.072 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Tgt Ion: 45 Resp: 254617
Ion Ratio Lower Upper
45 100
43 55.3 45.5 68.3
87 26.6 31.8 47.8#
59 11.5 11.6 17.4#





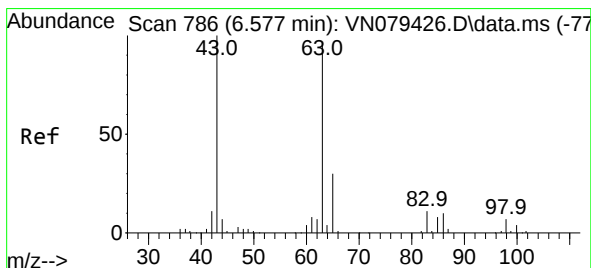
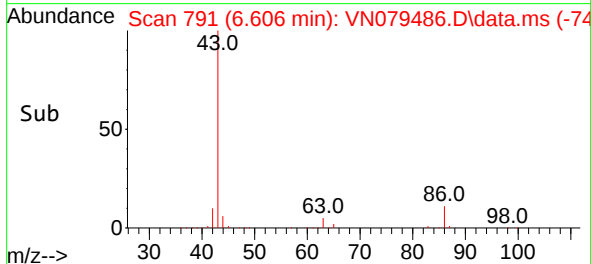
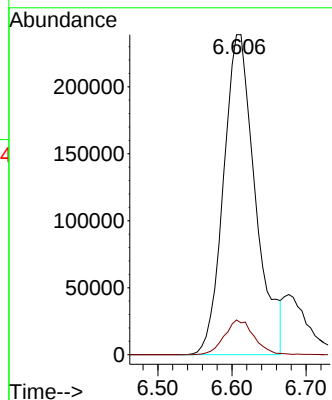
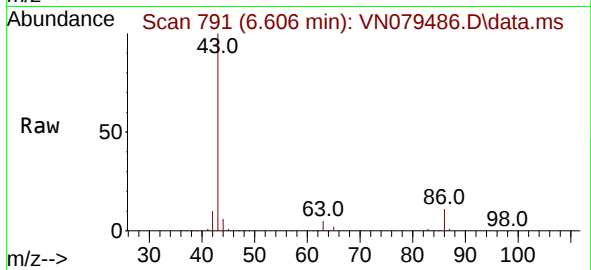
#23
 Vinyl Acetate
 Concen: 99.896 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079486.D
 Acq: 10 Oct 2023 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01

Tgt Ion: 43 Resp: 712780
 Ion Ratio Lower Upper
 43 100
 86 10.9 13.0 19.6

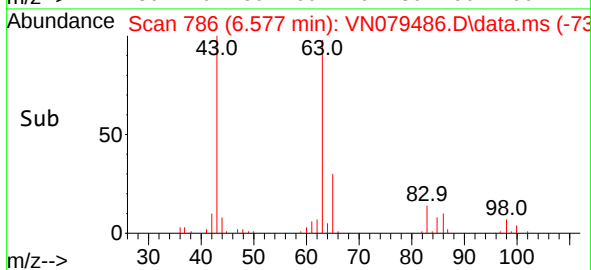
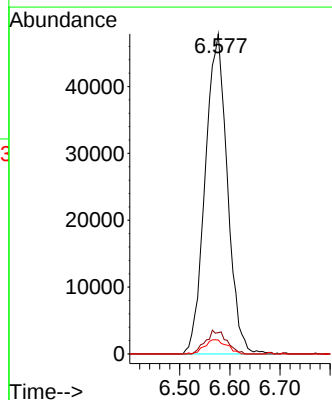
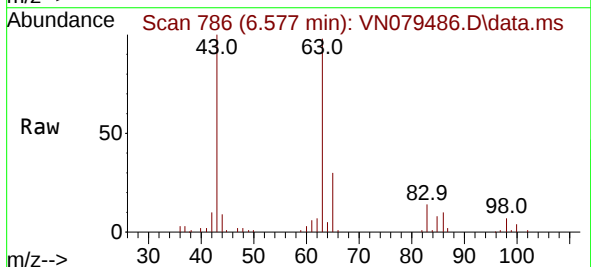
Manual Integrations
 APPROVED

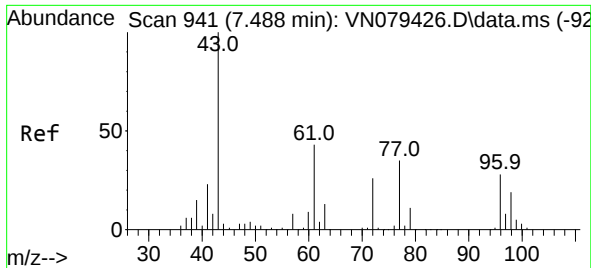
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023



#24
 1,1-Dichloroethane
 Concen: 18.966 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN079486.D
 Acq: 10 Oct 2023 12:24

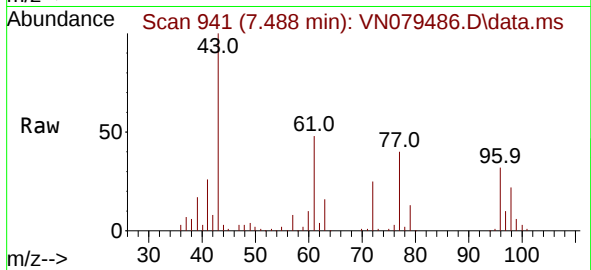
Tgt Ion: 63 Resp: 147240
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 92.274 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

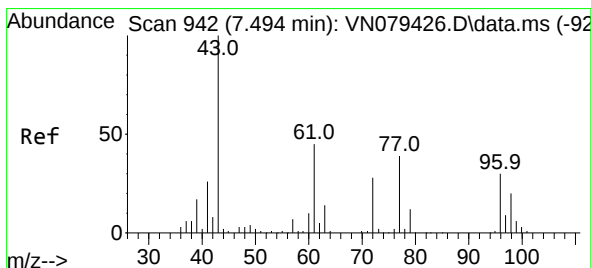
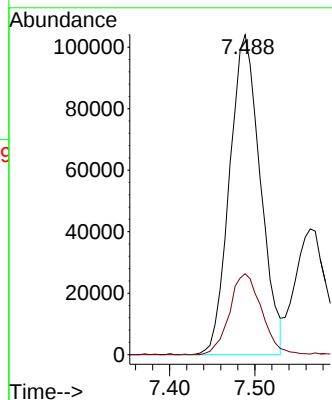
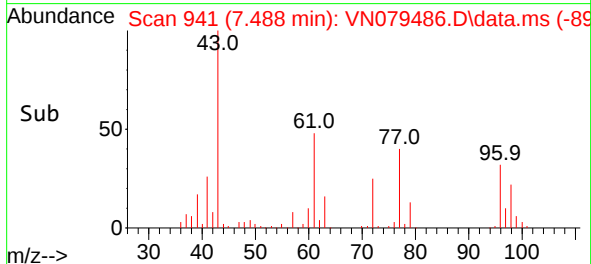
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



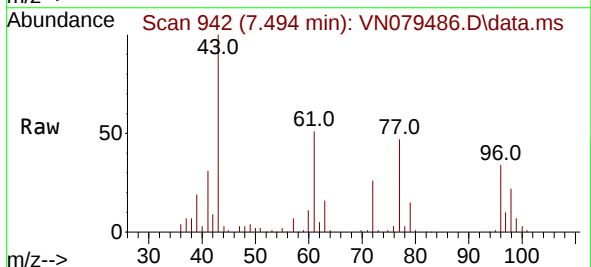
Tgt Ion: 43 Resp: 261310
Ion Ratio Lower Upper
43 100
72 25.3 30.2 45.2

Manual Integrations
APPROVED

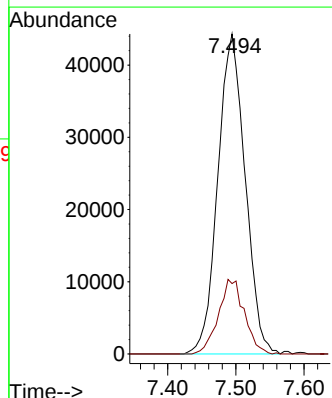
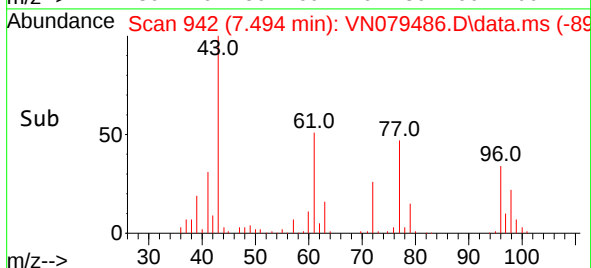
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

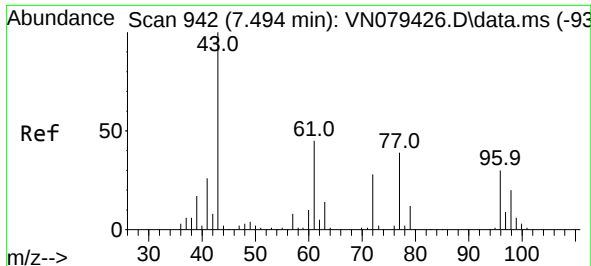


#26
2,2-Dichloropropane
Concen: 20.827 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



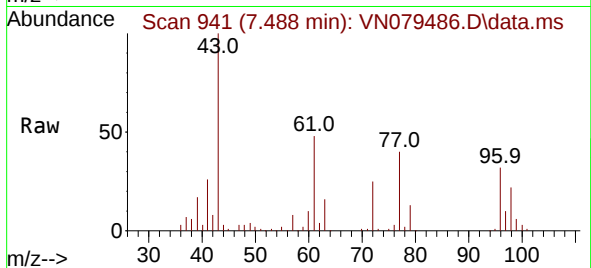
Tgt Ion: 77 Resp: 123564
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.328 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079486.D
 Acq: 10 Oct 2023 12:24

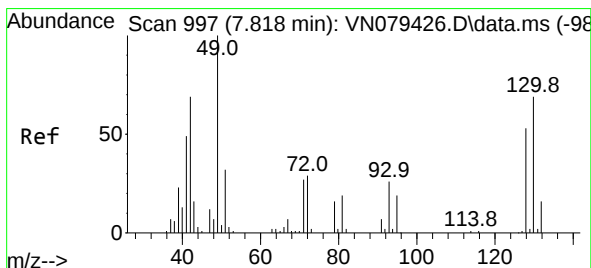
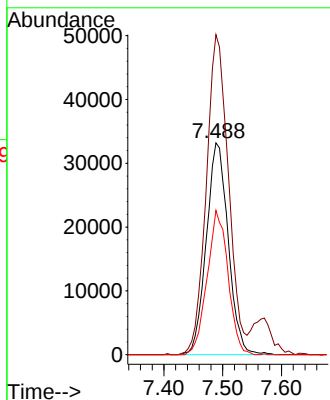
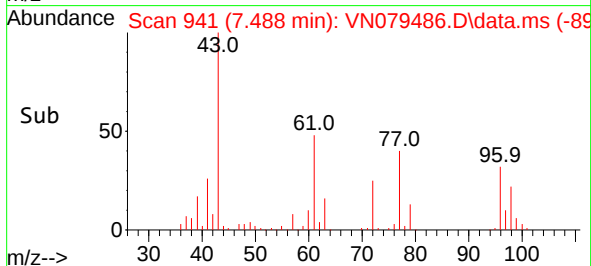
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01



Tgt Ion: 96 Resp: 85968
 Ion Ratio Lower Upper
 96 100
 61 152.9 0.0 255.2
 98 64.9 0.0 128.8

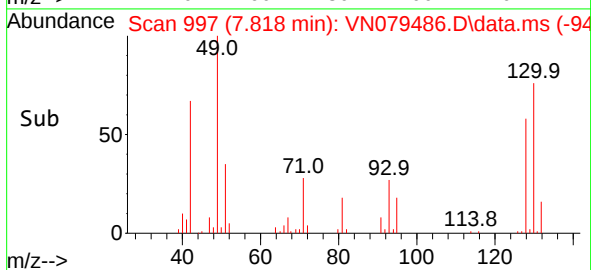
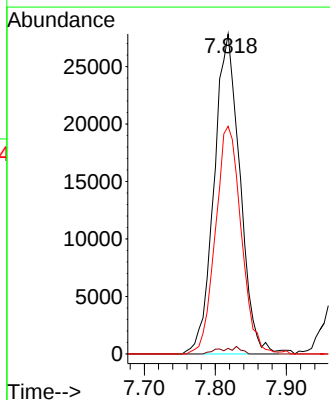
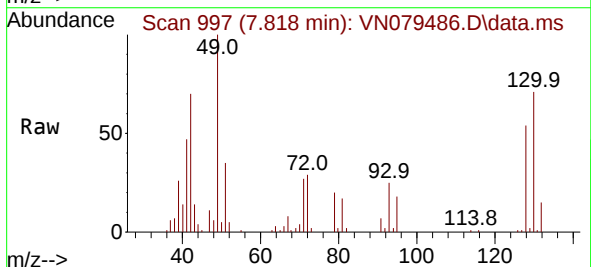
Manual Integrations
 APPROVED

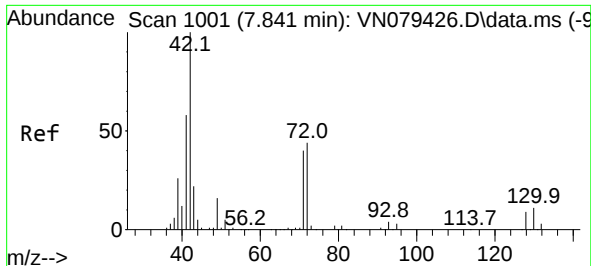
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023



#28
 Bromochloromethane
 Concen: 19.021 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079486.D
 Acq: 10 Oct 2023 12:24

Tgt Ion: 49 Resp: 70260
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 70.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 91.914 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079486.D

Acq: 10 Oct 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 42 Resp: 16834

Ion Ratio Lower Upper

42 100

72 42.5 49.8 74.6

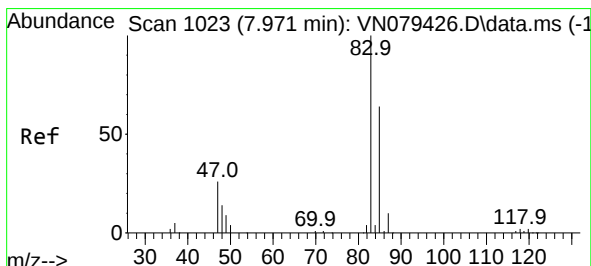
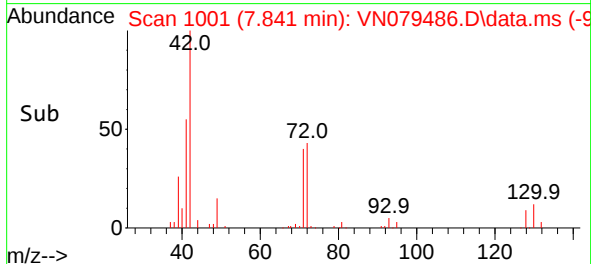
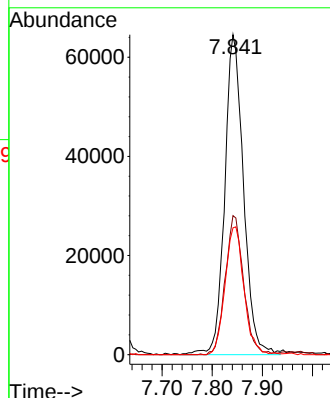
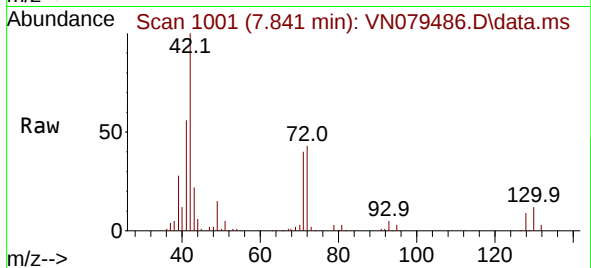
71 40.2 47.4 71.2

Manual Integrations

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Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#30

Chloroform

Concen: 19.044 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079486.D

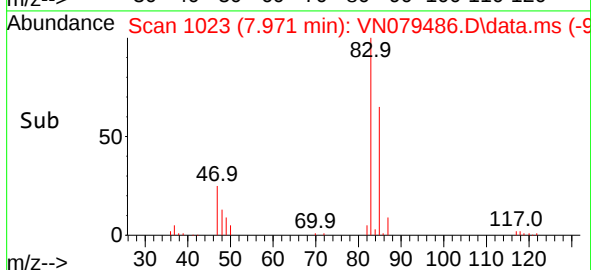
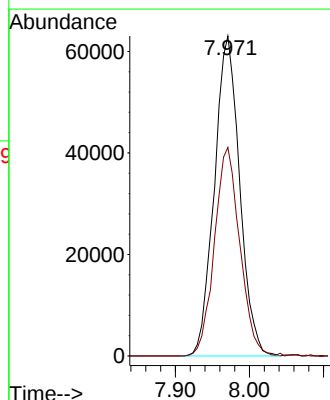
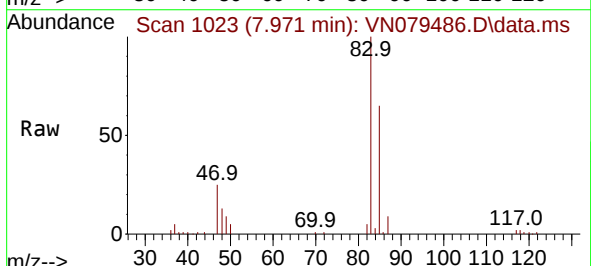
Acq: 10 Oct 2023 12:24

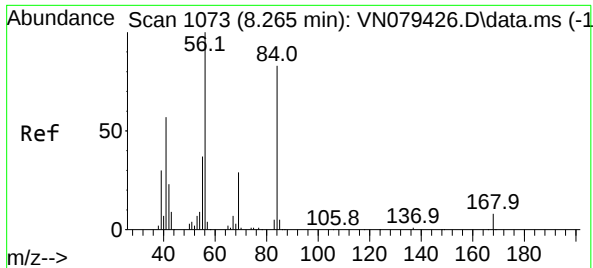
Tgt Ion: 83 Resp: 149380

Ion Ratio Lower Upper

83 100

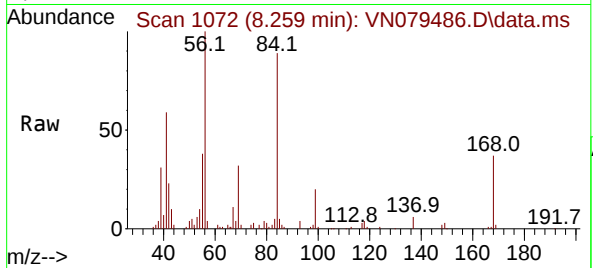
85 65.2 55.4 83.0





#31
Cyclohexane
Concen: 19.409 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

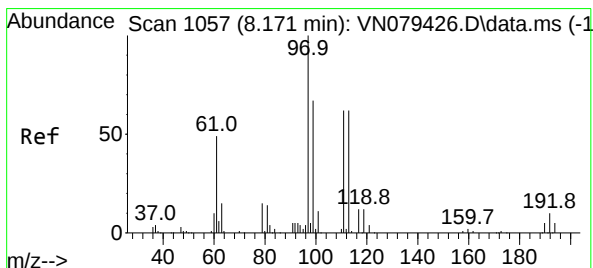
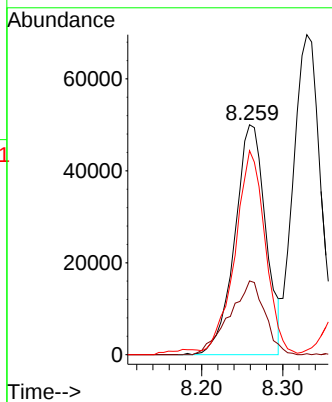
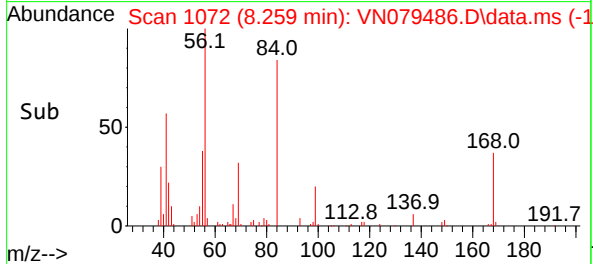
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



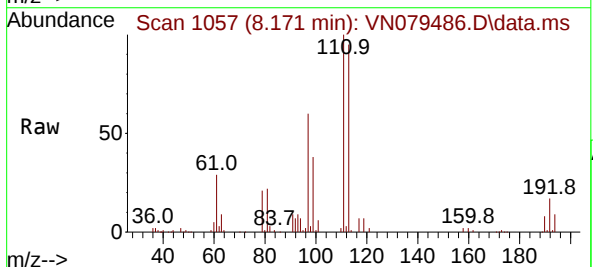
Tgt Ion: 56 Resp: 13244
Ion Ratio Lower Upper
56 100
69 32.1 26.8 40.2
84 87.2 81.8 122.6

Manual Integrations
APPROVED

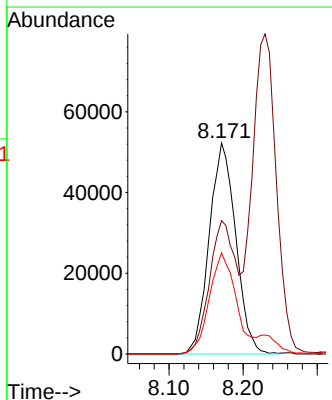
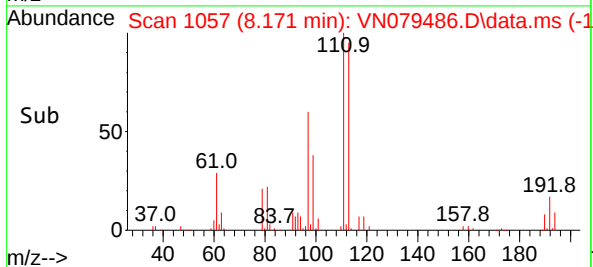
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

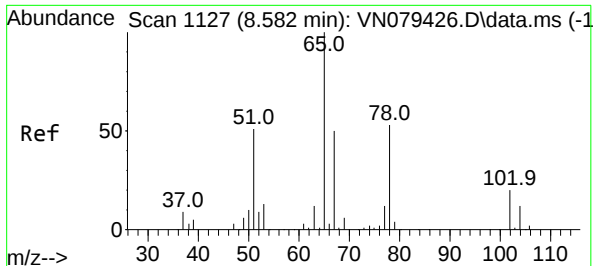


#32
1,1,1-Trichloroethane
Concen: 19.659 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



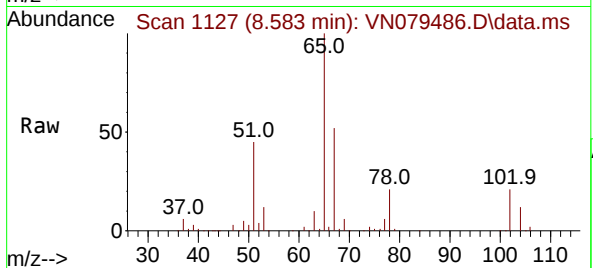
Tgt Ion: 97 Resp: 129771
Ion Ratio Lower Upper
97 100
99 61.3 50.3 75.5
61 49.1 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 53.854 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

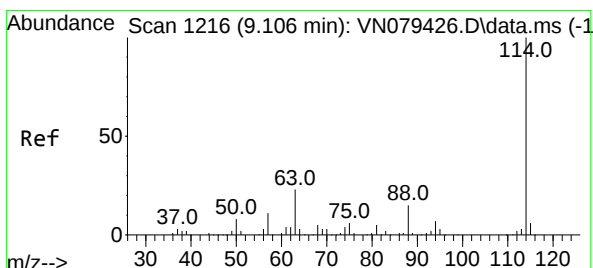
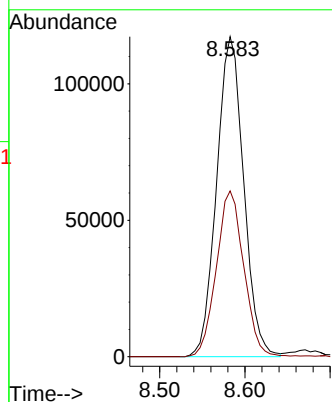
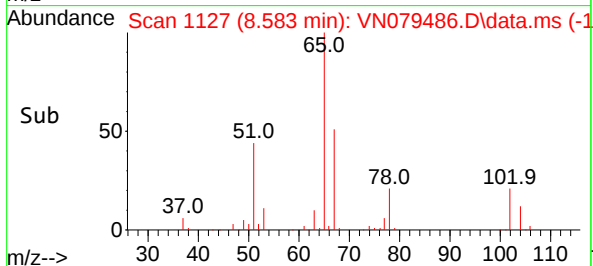
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



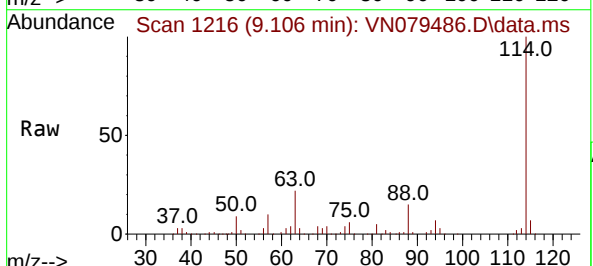
Tgt Ion: 65 Resp: 259074
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6

Manual Integrations
APPROVED

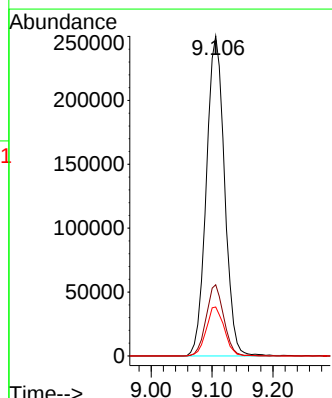
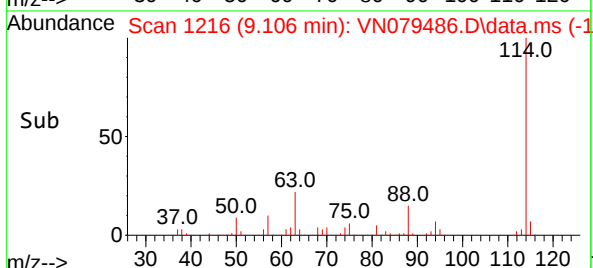
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



Tgt Ion:114 Resp: 520076
Ion Ratio Lower Upper
114 100
63 22.2 0.0 36.4
88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.251 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079486.D

Acq: 10 Oct 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 113 Resp: 202759

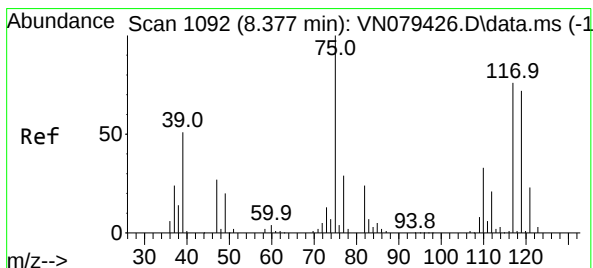
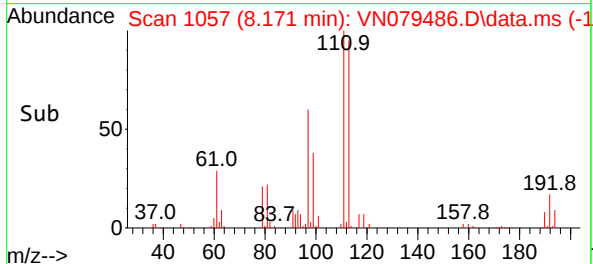
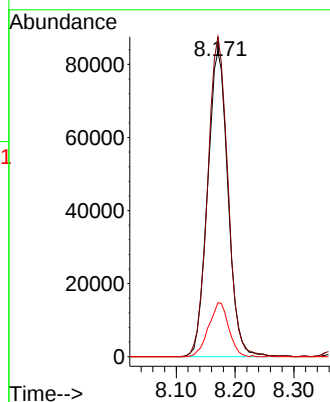
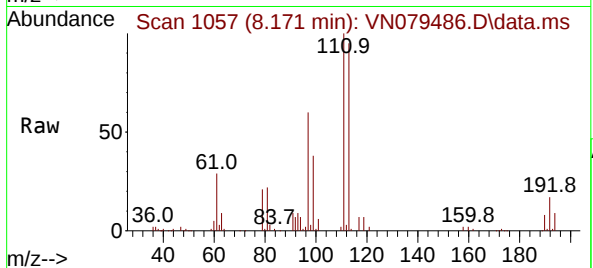
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	17.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 10/11/2023

Supervised By : Mahesh Dadoda 10/11/2023



#36

1,1-Dichloropropene

Concen: 20.015 ug/l

RT: 8.371 min Scan# 1091

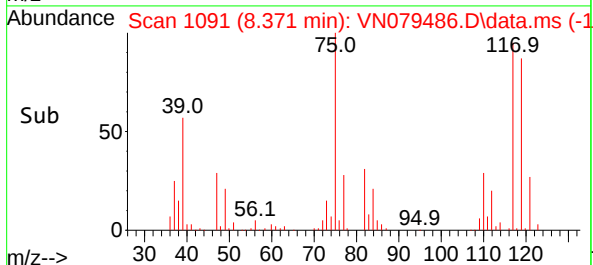
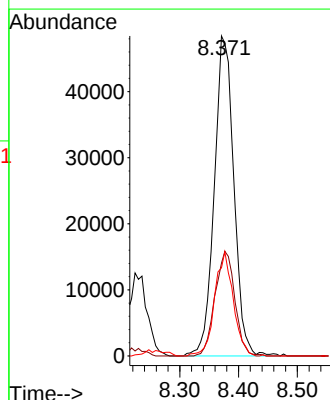
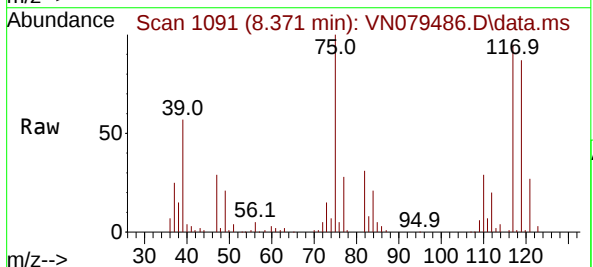
Delta R.T. -0.006 min

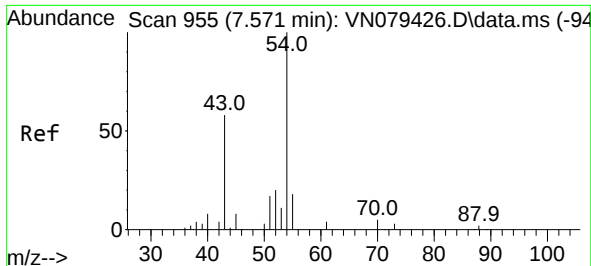
Lab File: VN079486.D

Acq: 10 Oct 2023 12:24

Tgt Ion: 75 Resp: 112273

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





#37

Ethyl Acetate

Concen: 19.534 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079486.D

Acq: 10 Oct 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 43 Resp: 109028

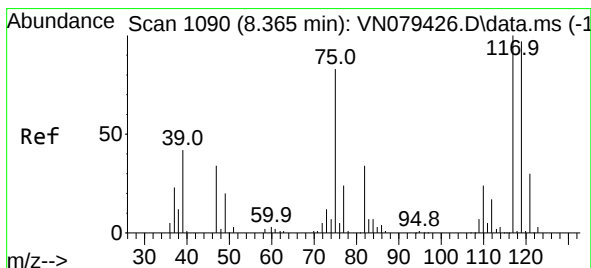
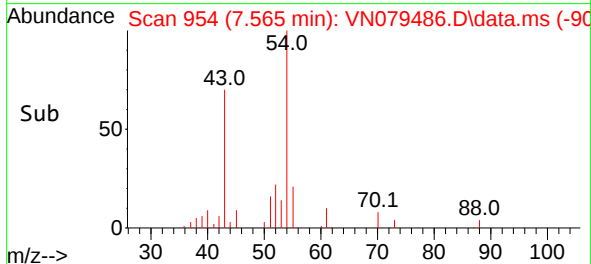
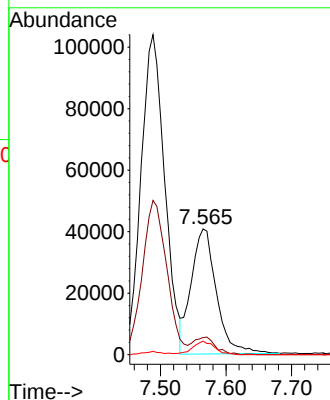
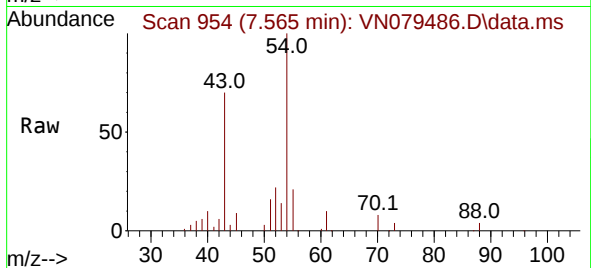
Ion	Ratio	Lower	Upper
43	100		
61	12.4	13.2	19.8
70	9.2	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#38

Carbon Tetrachloride

Concen: 20.162 ug/l

RT: 8.371 min Scan# 1091

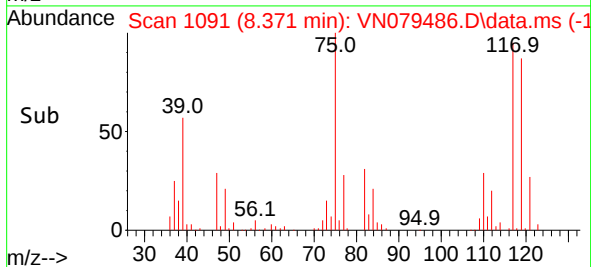
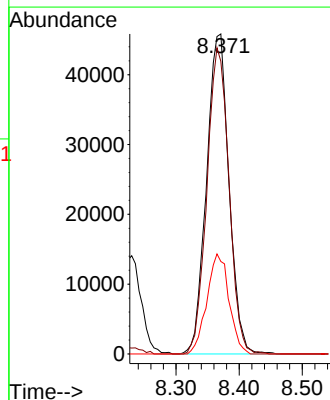
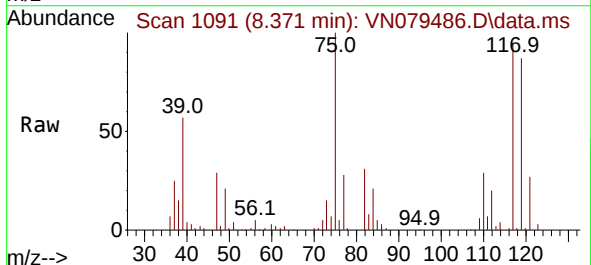
Delta R.T. 0.006 min

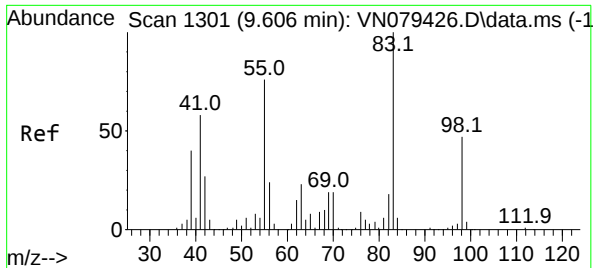
Lab File: VN079486.D

Acq: 10 Oct 2023 12:24

Tgt Ion:117 Resp: 113219

Ion	Ratio	Lower	Upper
117	100		
119	91.4	77.3	115.9
121	28.9	23.3	34.9





#39
Methylcyclohexane
Concen: 20.835 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

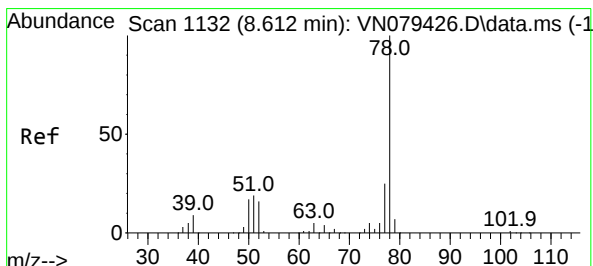
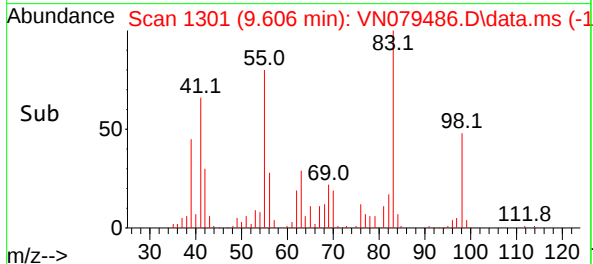
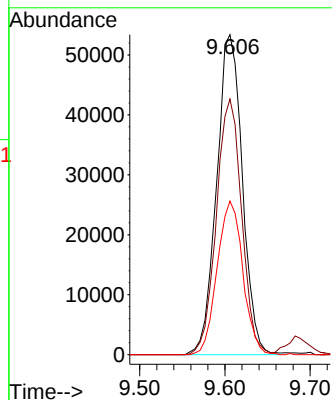
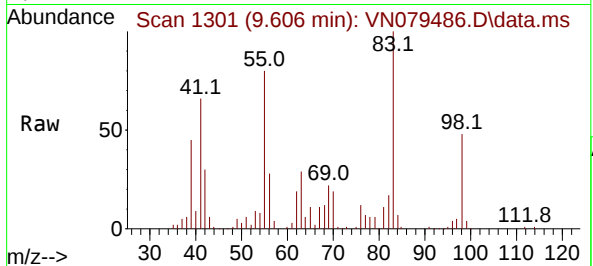
Tgt Ion: 83 Resp: 11228
Ion Ratio Lower Upper
83 100
55 79.9 49.1 73.7
98 48.0 40.6 61.0

Manual Integrations

APPROVED

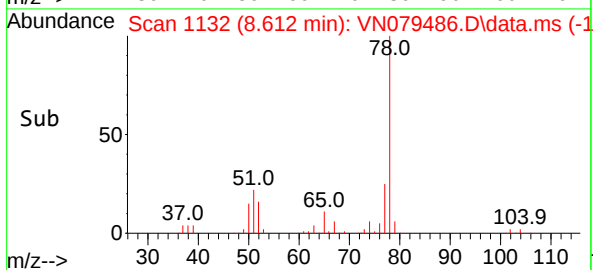
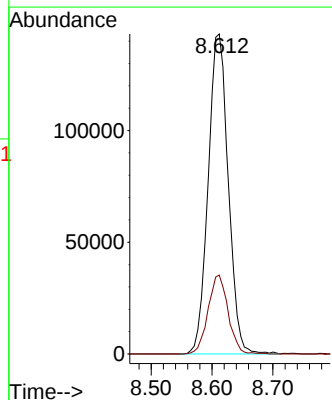
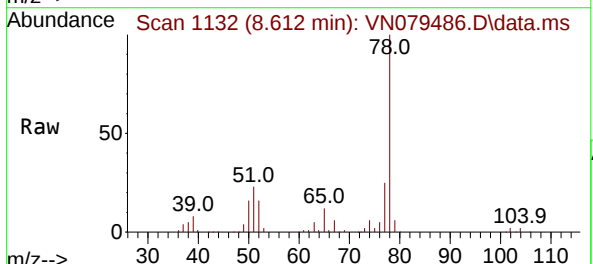
Reviewed By :John Carlone 10/11/2023

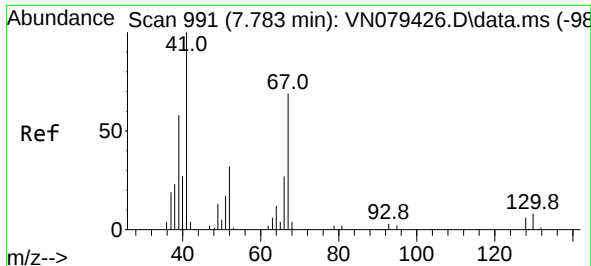
Supervised By :Mahesh Dadoda 10/11/2023



#40
Benzene
Concen: 19.720 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

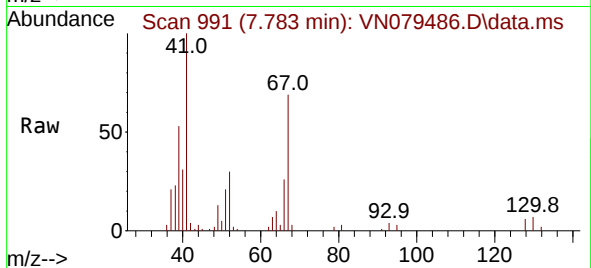
Tgt Ion: 78 Resp: 328520
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6





#41
Methacrylonitrile
Concen: 19.918 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

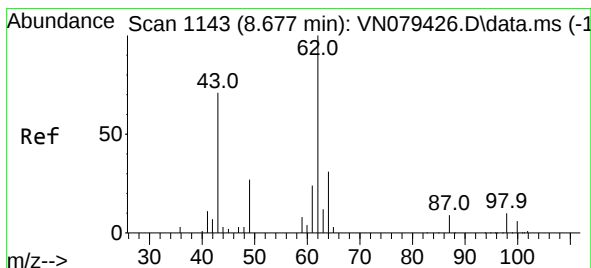
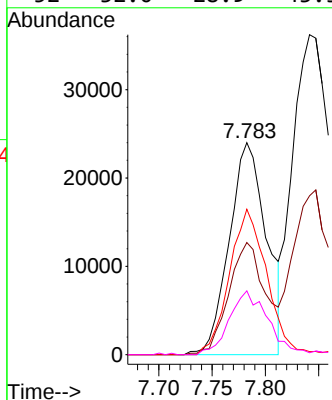
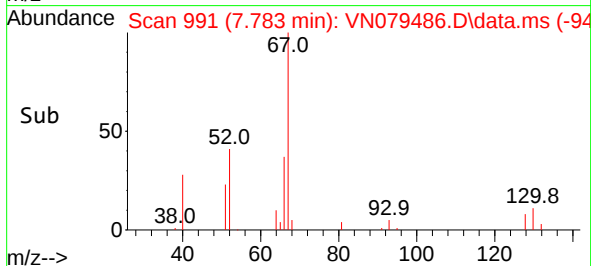
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



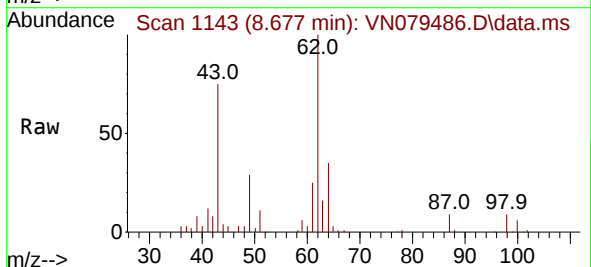
Tgt Ion: 41 Resp: 58440
Ion Ratio Lower Upper
41 100
39 52.5 42.6 64.0
67 69.3 77.5 116.3
52 32.0 28.9 43.3

Manual Integrations
APPROVED

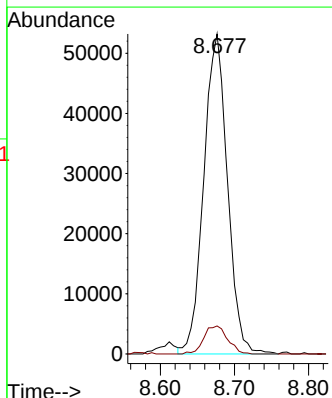
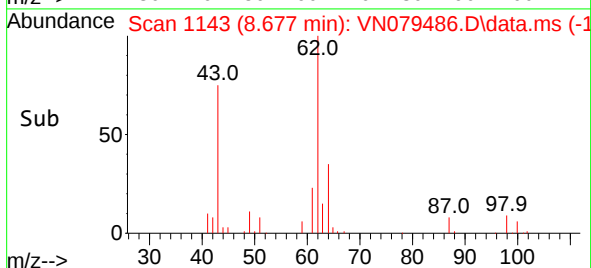
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

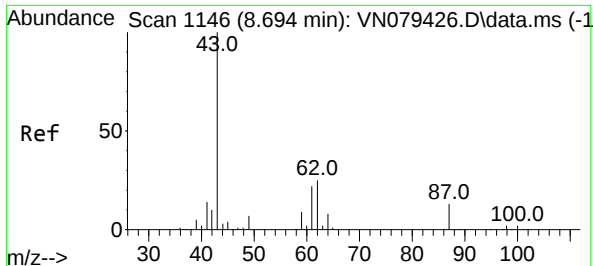


#42
1,2-Dichloroethane
Concen: 19.513 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



Tgt Ion: 62 Resp: 118115
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.007 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079486.D

Acq: 10 Oct 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 43 Resp: 17608

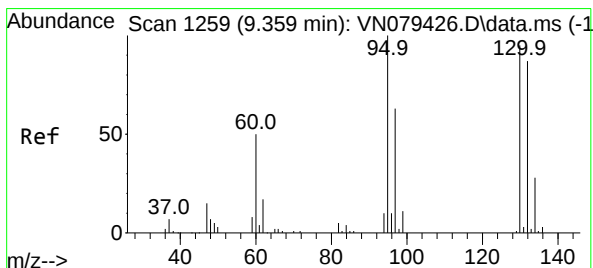
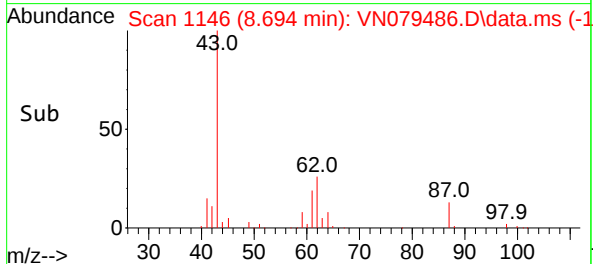
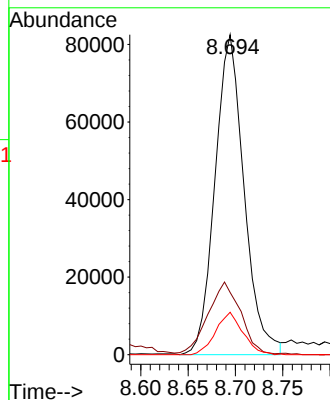
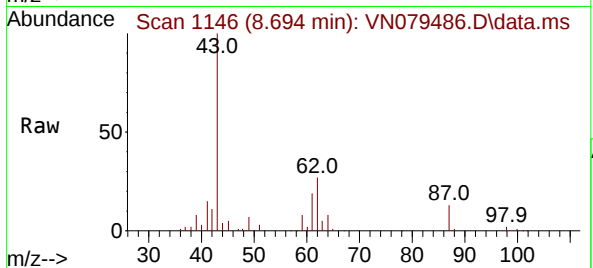
Ion	Ratio	Lower	Upper
43	100		
61	25.9	24.7	37.1
87	12.4	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#44

Trichloroethene

Concen: 19.863 ug/l

RT: 9.353 min Scan# 1258

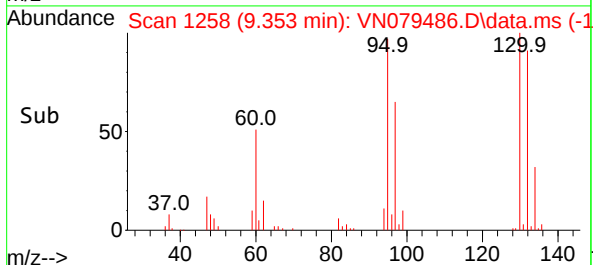
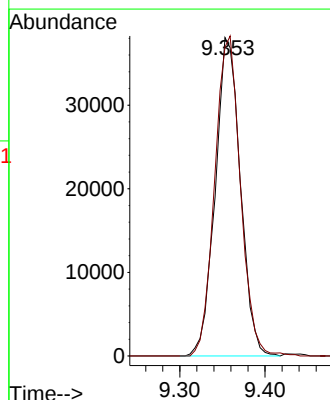
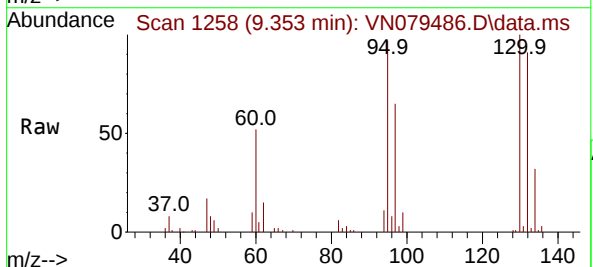
Delta R.T. -0.006 min

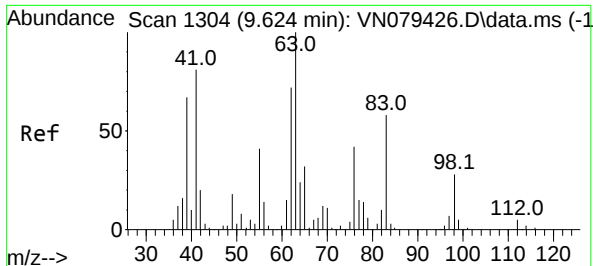
Lab File: VN079486.D

Acq: 10 Oct 2023 12:24

Tgt Ion:130 Resp: 77882

Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	204.6





#45

1,2-Dichloropropane

Concen: 19.916 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079486.D

Acq: 10 Oct 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 63 Resp: 87418

Ion Ratio Lower Upper

63 100

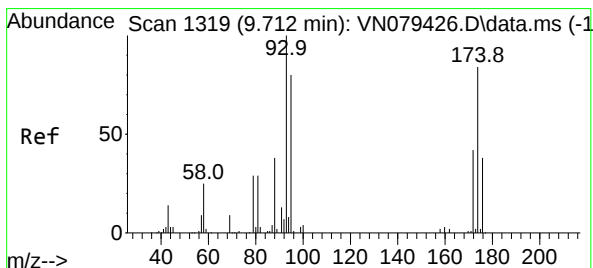
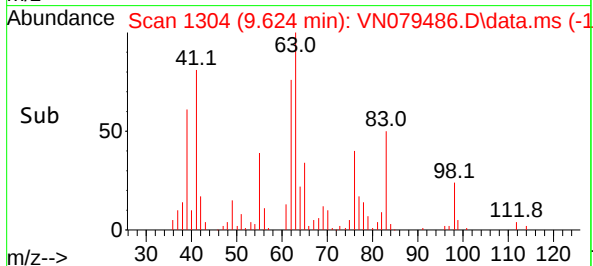
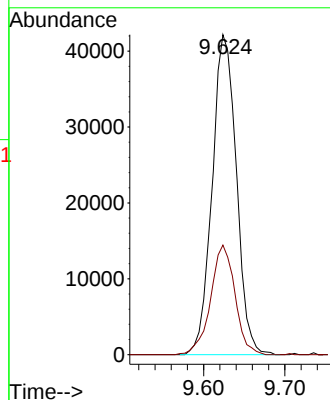
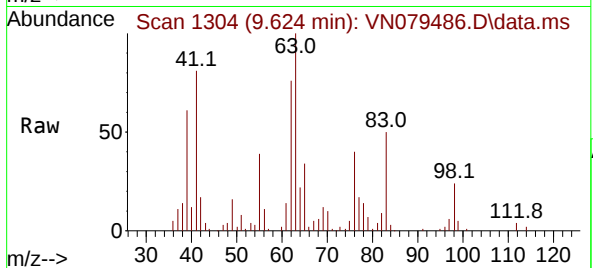
65 34.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#46

Dibromomethane

Concen: 20.470 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079486.D

Acq: 10 Oct 2023 12:24

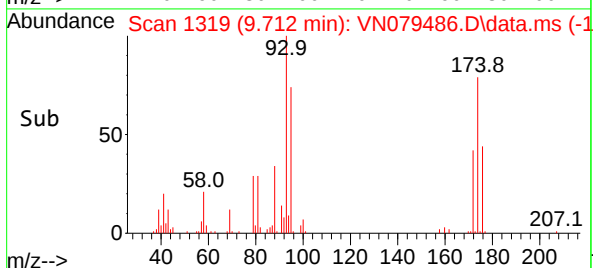
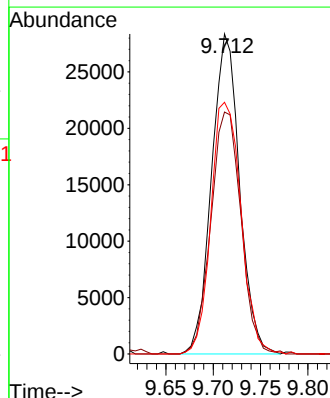
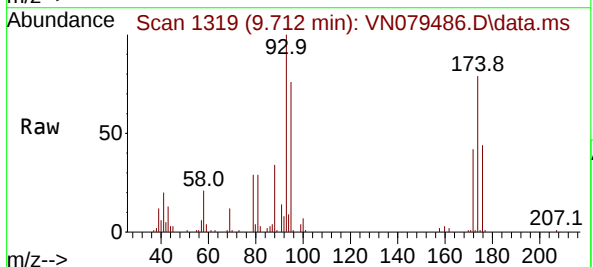
Tgt Ion: 93 Resp: 58191

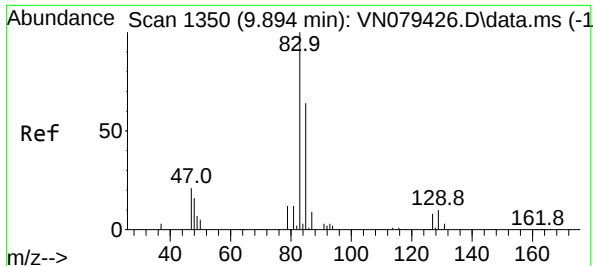
Ion Ratio Lower Upper

93 100

95 81.2 63.8 95.8

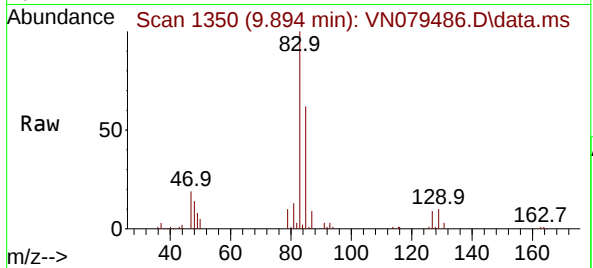
174 84.8 65.6 98.4





#47
Bromodichloromethane
Concen: 20.011 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

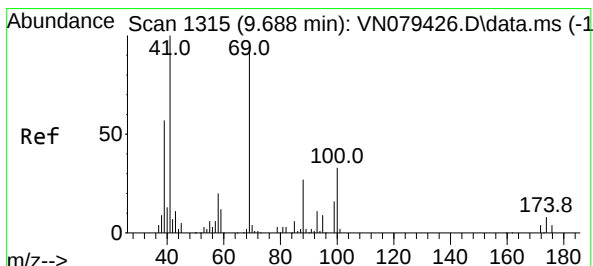
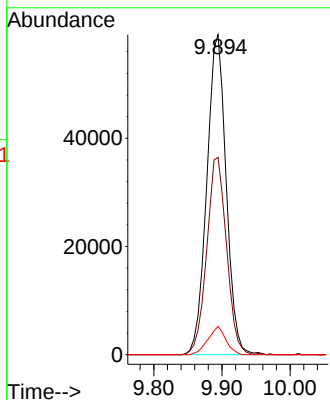
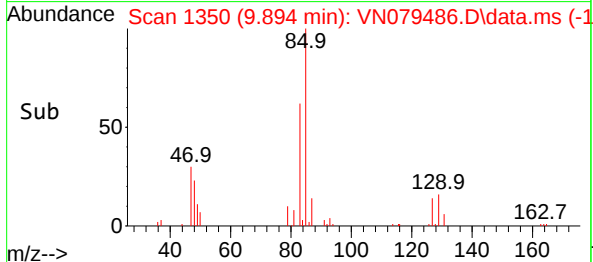
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



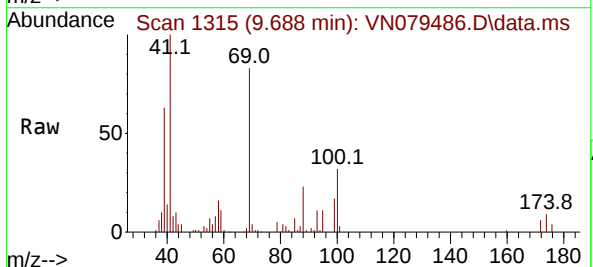
Tgt Ion: 83 Resp: 117018
Ion Ratio Lower Upper
83 100
85 61.7 49.6 74.4
127 8.9 7.0 10.6

Manual Integrations
APPROVED

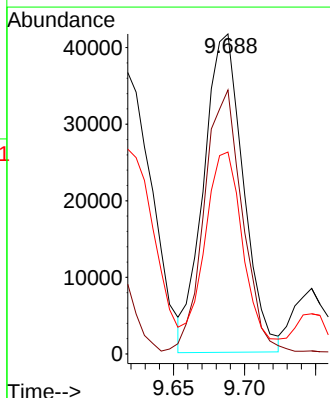
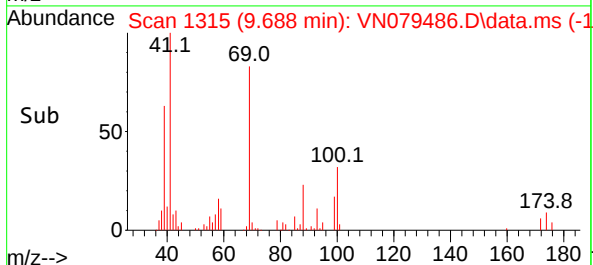
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

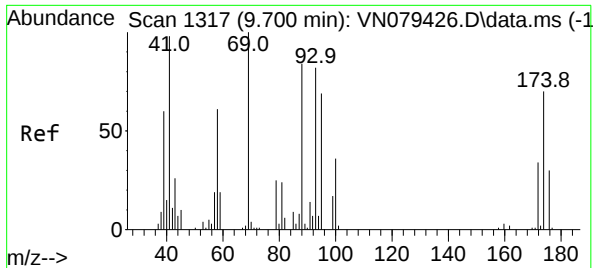


#48
Methyl methacrylate
Concen: 19.317 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



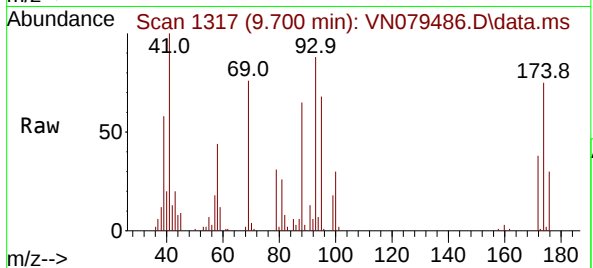
Tgt Ion: 41 Resp: 80943
Ion Ratio Lower Upper
41 100
69 81.4 90.4 135.6#
39 62.5 54.6 81.8





#49
1,4-Dioxane
Concen: 380.131 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

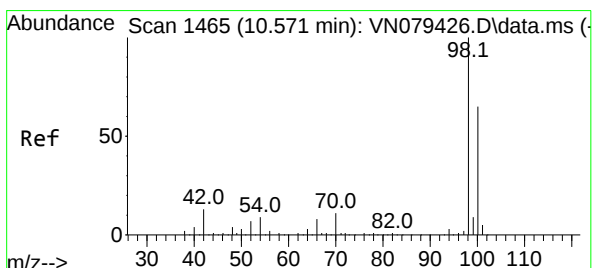
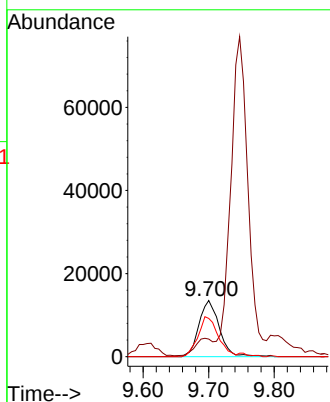
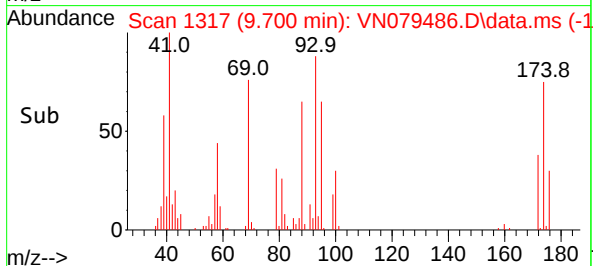
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 88 Resp: 29340
Ion Ratio Lower Upper
88 100
43 26.2 17.0 25.6
58 69.8 47.0 70.4

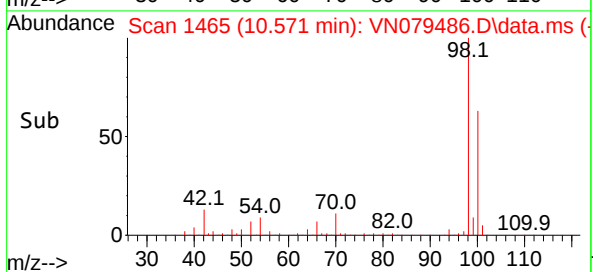
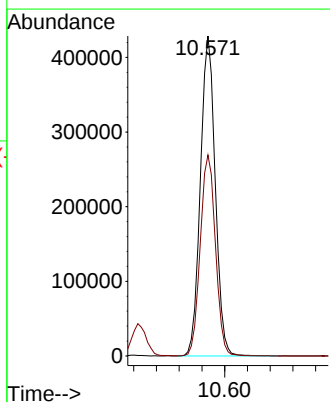
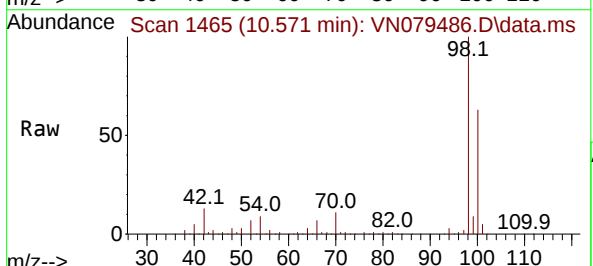
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#50
Toluene-d8
Concen: 57.502 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

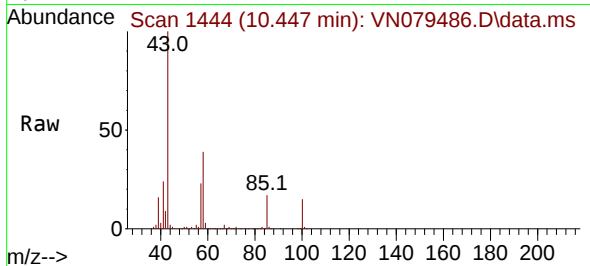
Tgt Ion: 98 Resp: 777605
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 94.430 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

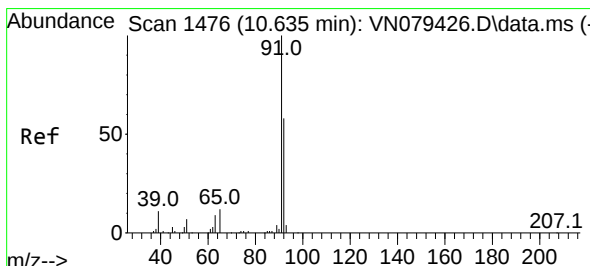
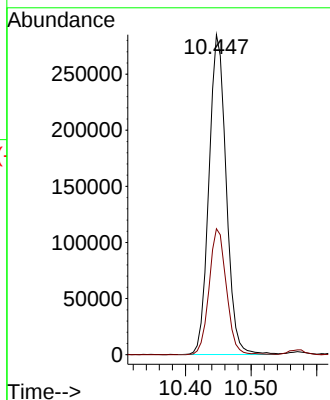
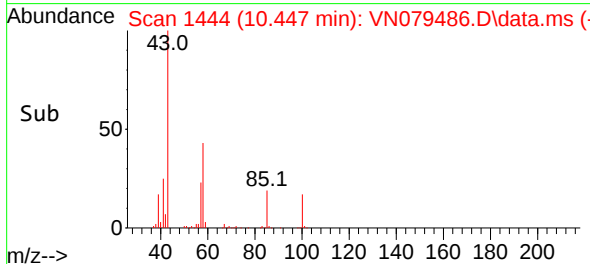
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



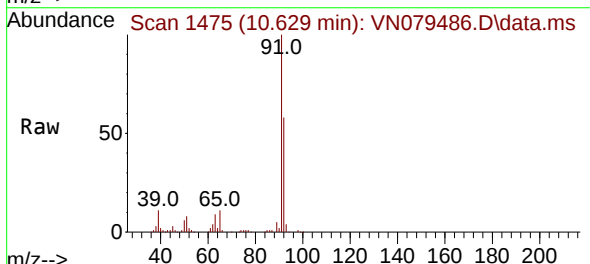
Tgt Ion: 43 Resp: 52125
Ion Ratio Lower Upper
43 100
58 39.4 36.6 54.8

Manual Integrations
APPROVED

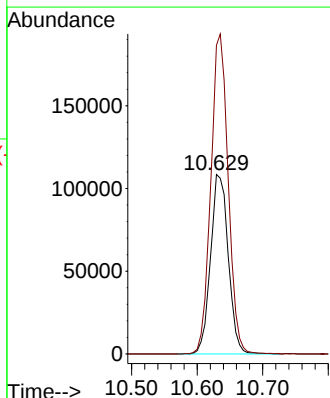
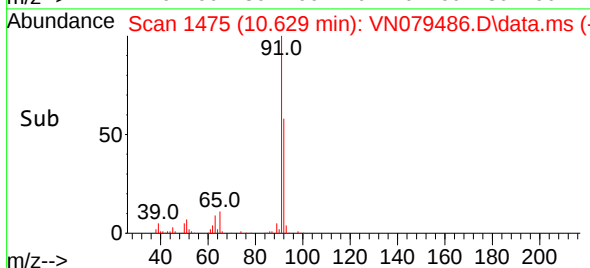
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

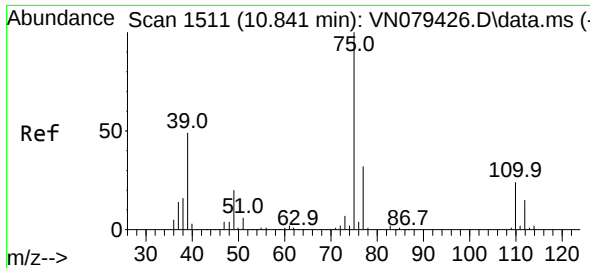


#52
Toluene
Concen: 20.736 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



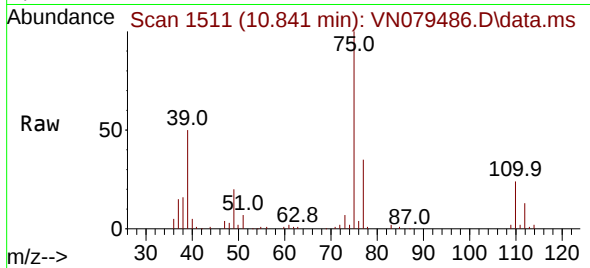
Tgt Ion: 92 Resp: 203342
Ion Ratio Lower Upper
92 100
91 174.7 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 20.187 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079486.D
 Acq: 10 Oct 2023 12:24

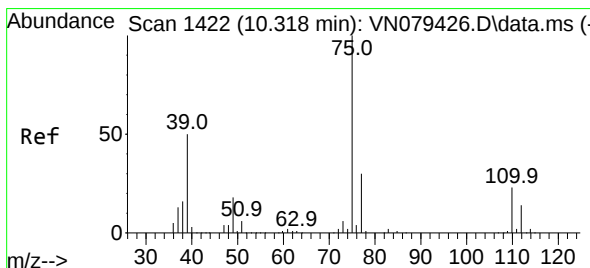
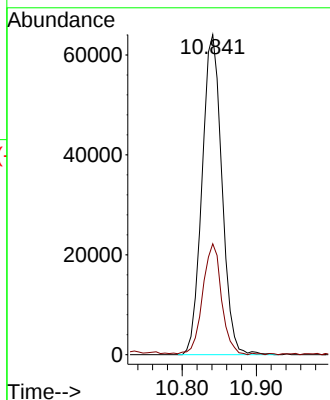
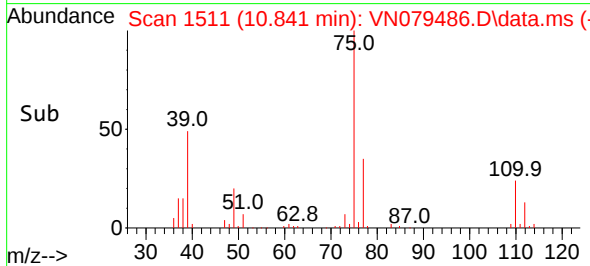
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01



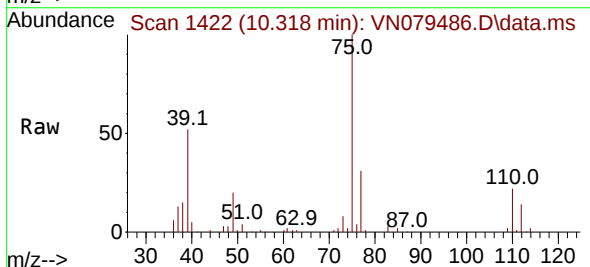
Tgt Ion: 75 Resp: 11896
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.4 38.0

Manual Integrations
 APPROVED

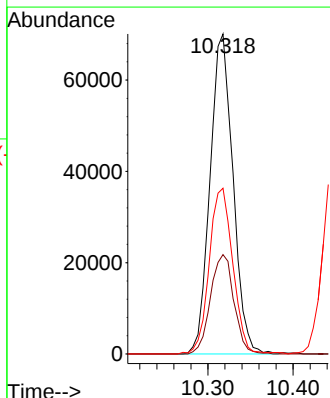
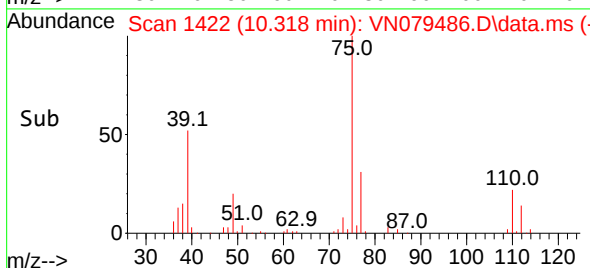
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023

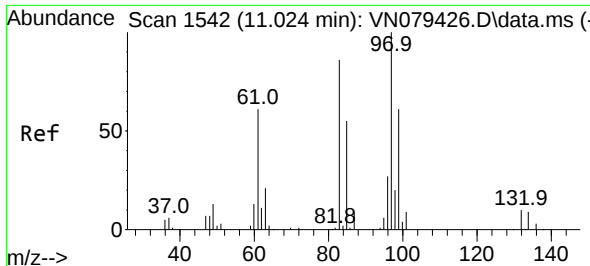


#54
 cis-1,3-Dichloropropene
 Concen: 20.376 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079486.D
 Acq: 10 Oct 2023 12:24



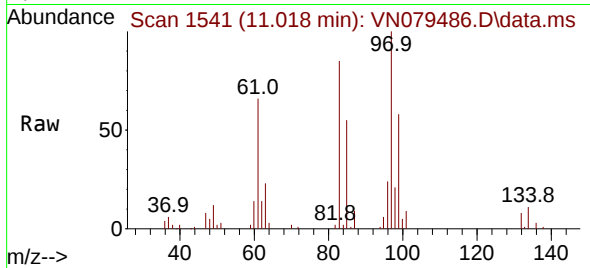
Tgt Ion: 75 Resp: 131441
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.1 39.1
 39 51.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.776 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

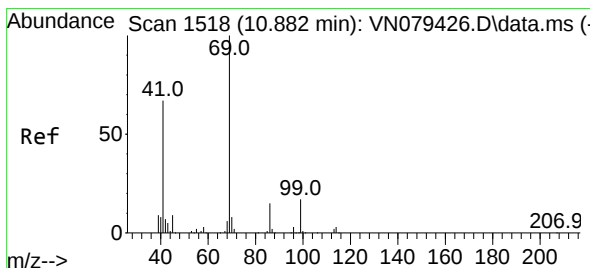
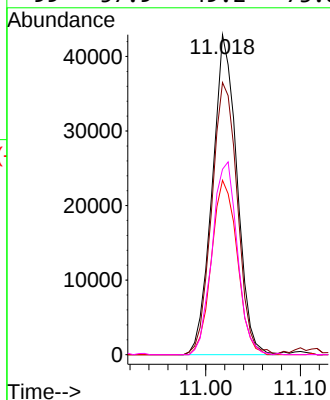
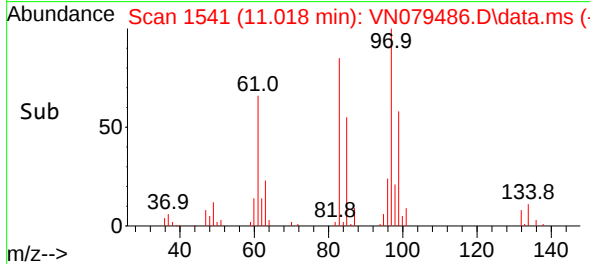
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



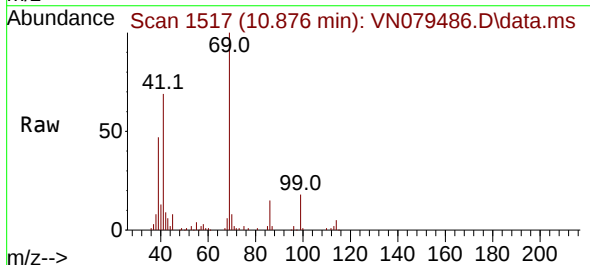
Tgt Ion:	97	Resp:	77854
Ion	Ratio	Lower	Upper
97	100		
83	85.0	65.1	97.7
85	54.5	43.4	65.2
99	57.9	49.2	73.8

Manual Integrations
APPROVED

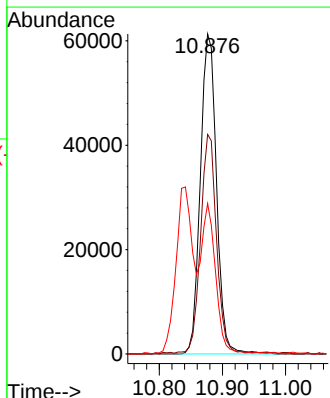
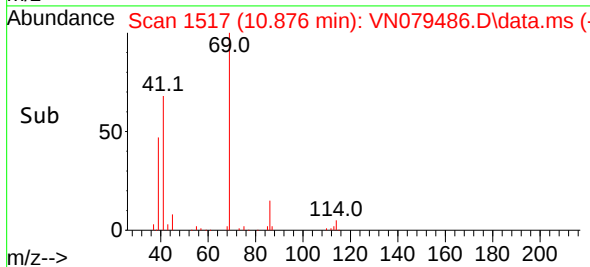
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

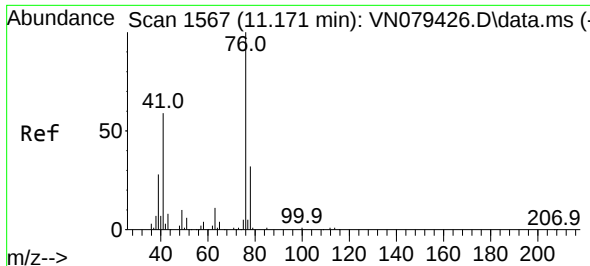


#56
Ethyl methacrylate
Concen: 20.147 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



Tgt Ion:	69	Resp:	108988
Ion	Ratio	Lower	Upper
69	100		
41	68.5	39.6	59.4
39	41.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.209 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079486.D

Acq: 10 Oct 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 76 Resp: 13737

Ion Ratio Lower Upper

76 100

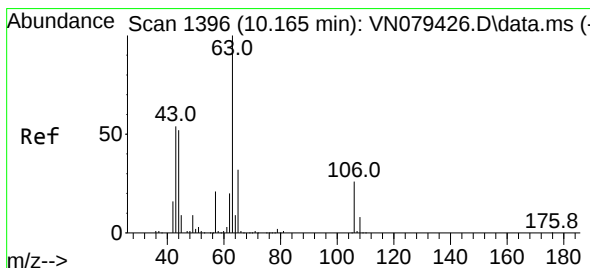
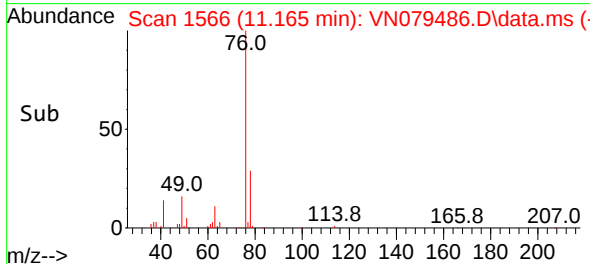
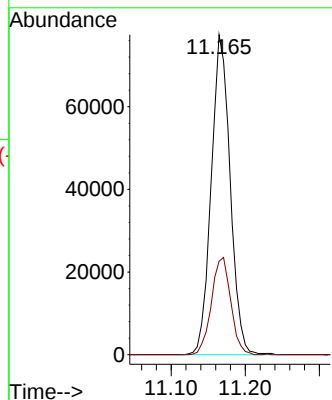
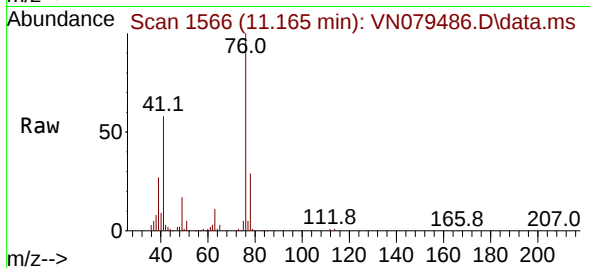
78 31.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 105.905 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079486.D

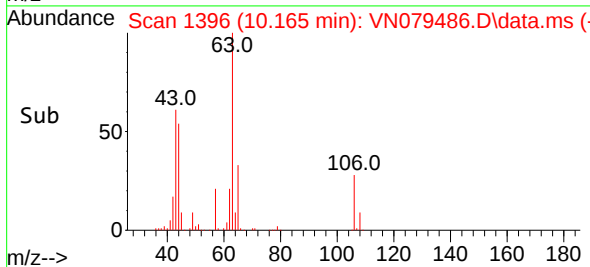
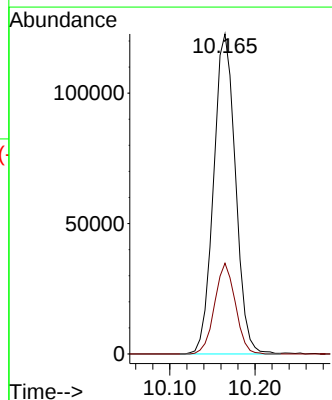
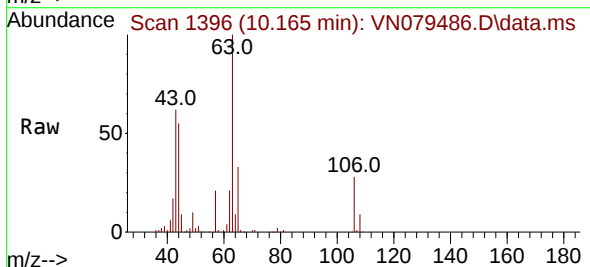
Acq: 10 Oct 2023 12:24

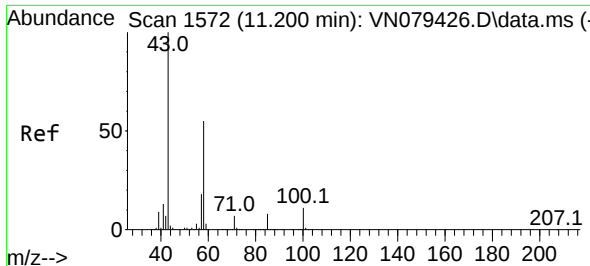
Tgt Ion: 63 Resp: 219406

Ion Ratio Lower Upper

63 100

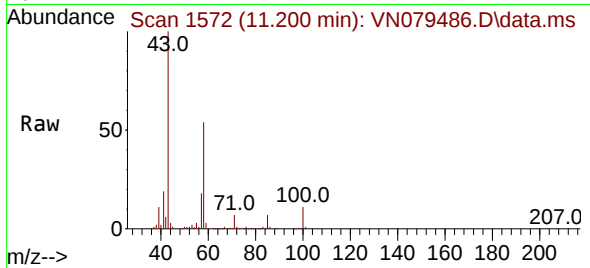
106 26.7 26.2 39.4





#59
2-Hexanone
Concen: 96.712 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

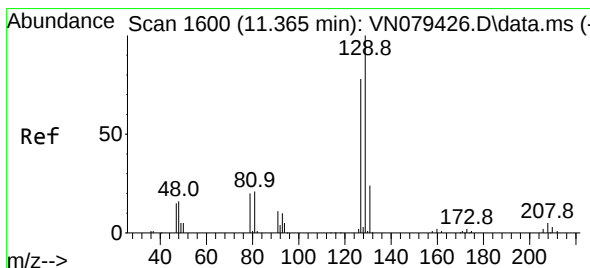
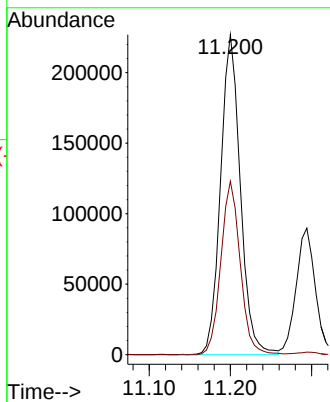
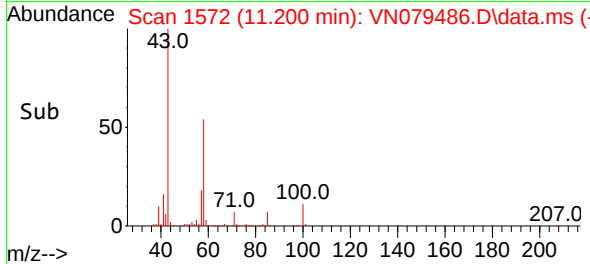
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 43 Resp: 38523
Ion Ratio Lower Upper
43 100
58 52.9 31.7 95.1

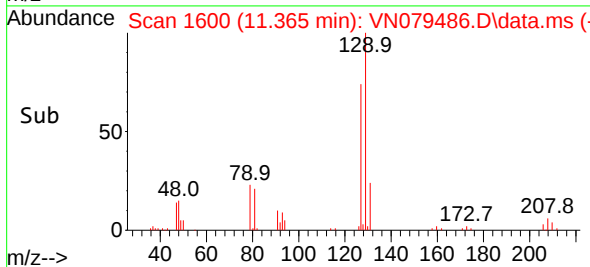
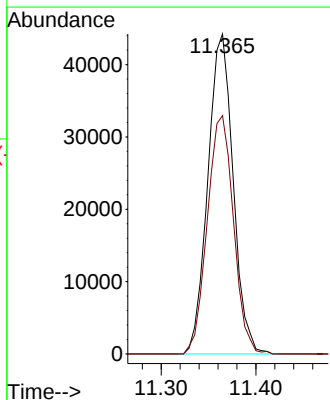
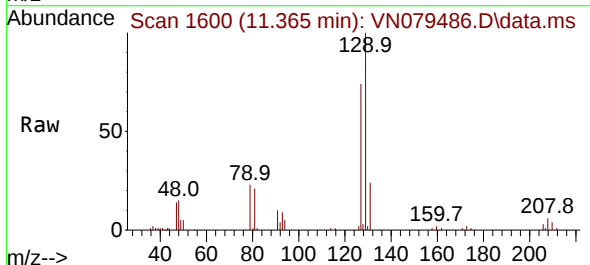
Manual Integrations
APPROVED

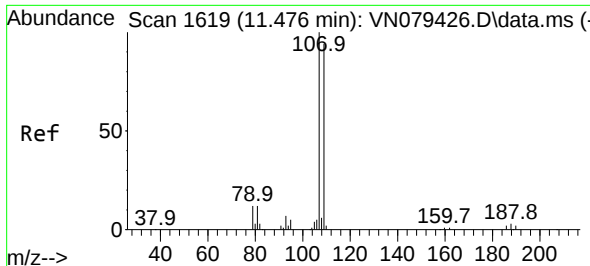
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#60
Dibromochloromethane
Concen: 20.695 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Tgt Ion:129 Resp: 81880
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





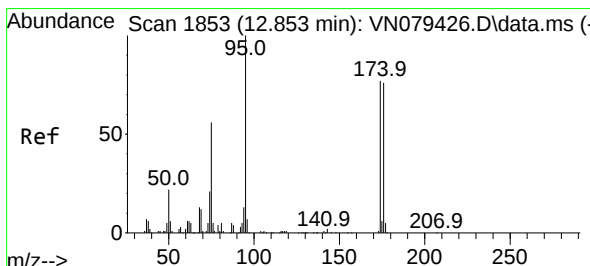
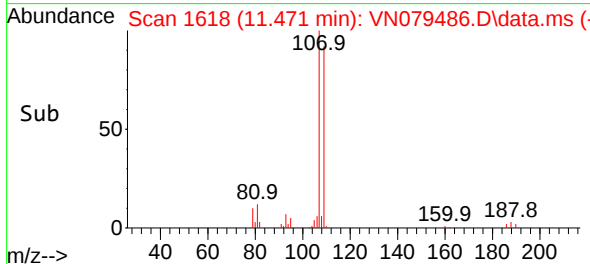
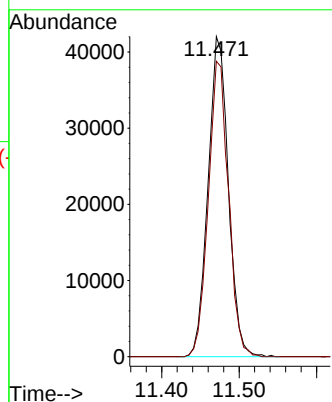
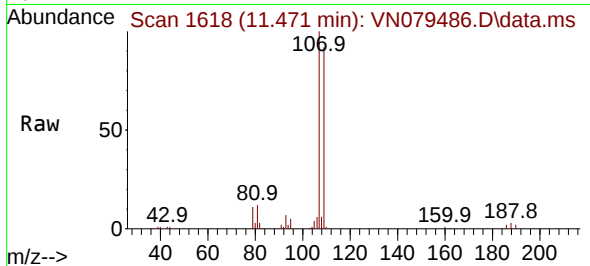
#61
1,2-Dibromoethane
Concen: 19.565 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion:107 Resp: 7643
Ion Ratio Lower Upper
107 100
109 91.7 76.6 114.8

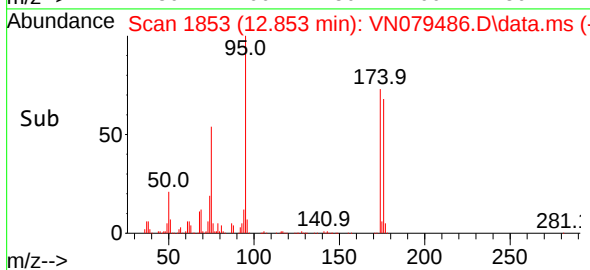
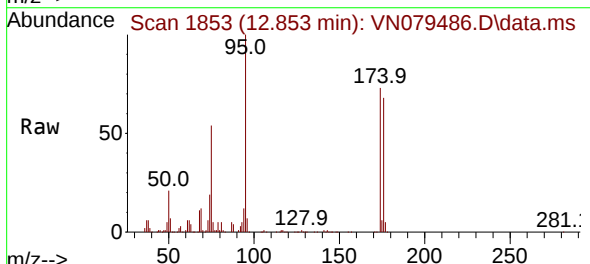
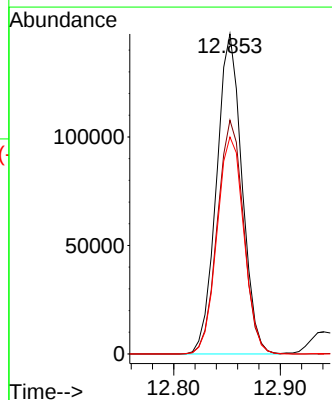
Manual Integrations
APPROVED

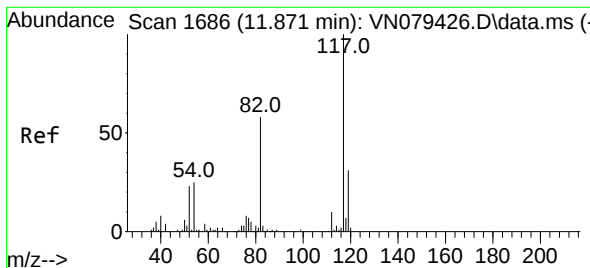
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#62
4-Bromofluorobenzene
Concen: 56.423 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

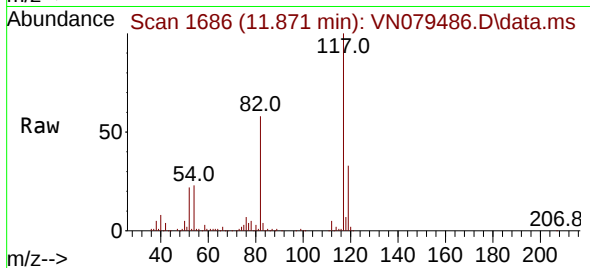
Tgt Ion: 95 Resp: 244869
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 71.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

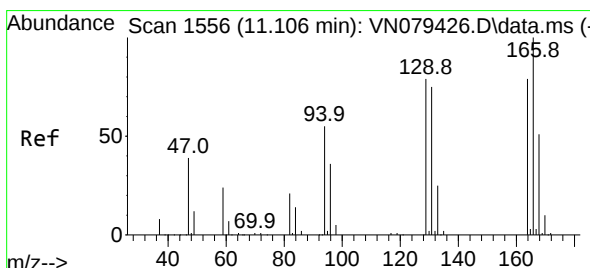
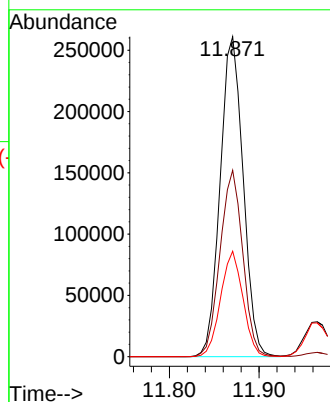
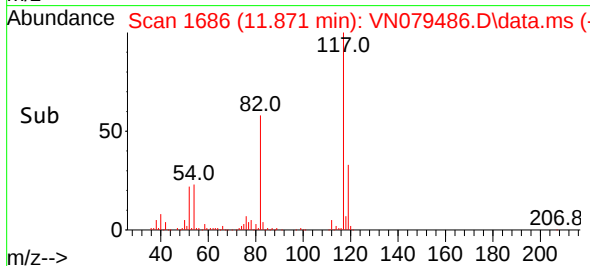
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion:117 Resp: 46467
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 33.0 25.6 38.4

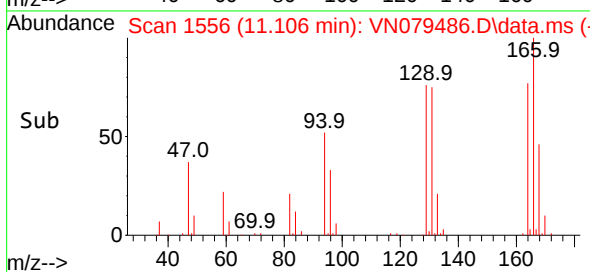
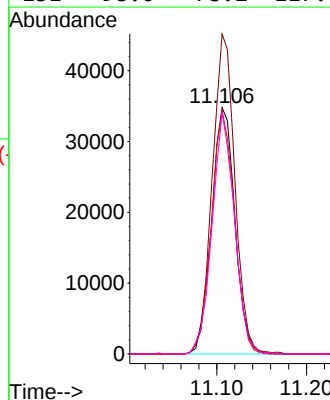
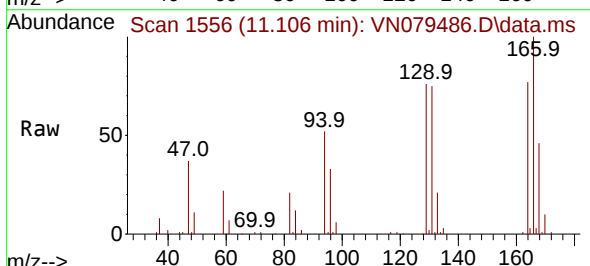
Manual Integrations
APPROVED

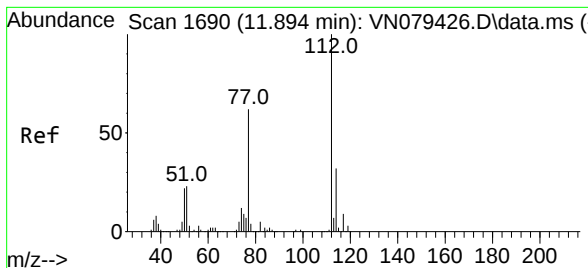
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#64
Tetrachloroethene
Concen: 19.715 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

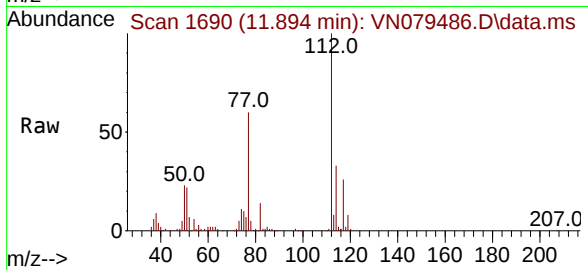
Tgt Ion:164 Resp: 63021
Ion Ratio Lower Upper
164 100
166 129.9 101.4 152.0
129 98.9 82.4 123.6
131 98.0 78.2 117.4





#65
Chlorobenzene
Concen: 20.086 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

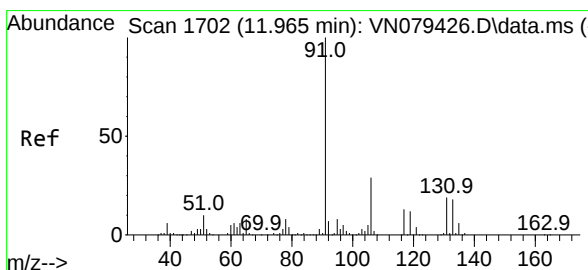
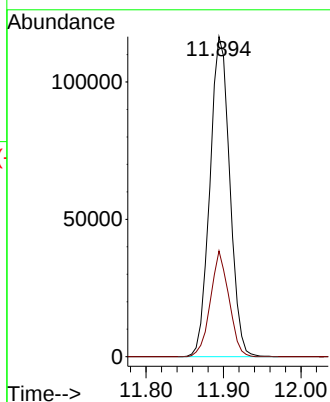
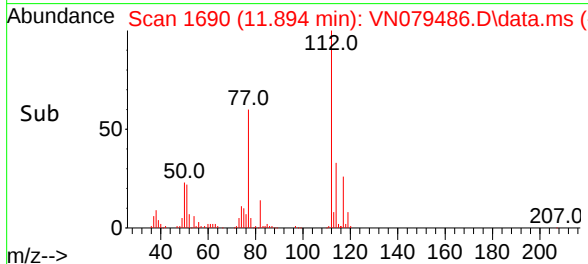
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



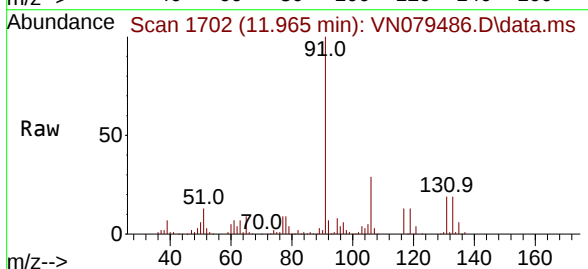
Tgt Ion:112 Resp: 20785
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.4

Manual Integrations
APPROVED

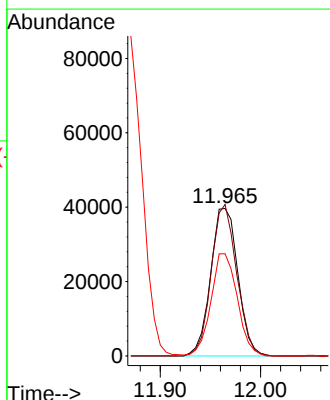
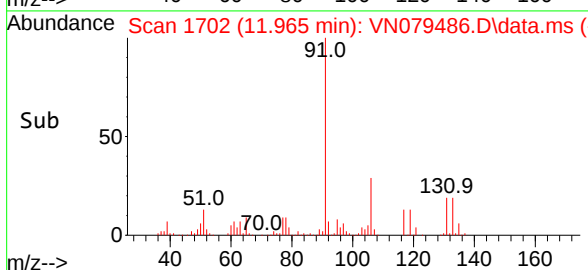
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.739 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



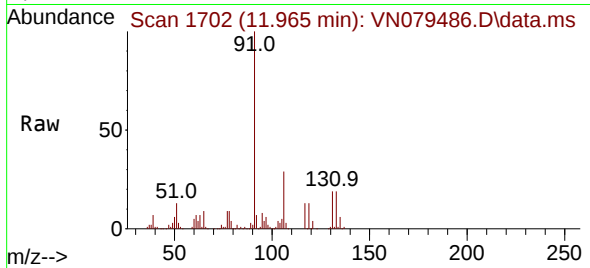
Tgt Ion:131 Resp: 74792
Ion Ratio Lower Upper
131 100
133 96.2 46.4 139.1
119 67.2 34.1 102.2





#67
Ethyl Benzene
Concen: 20.761 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

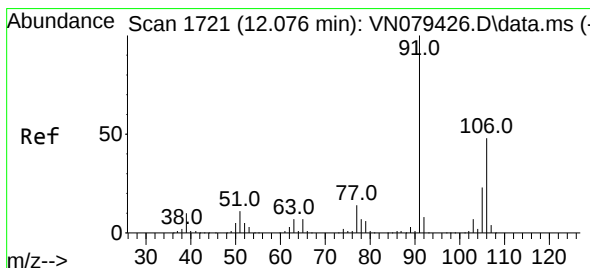
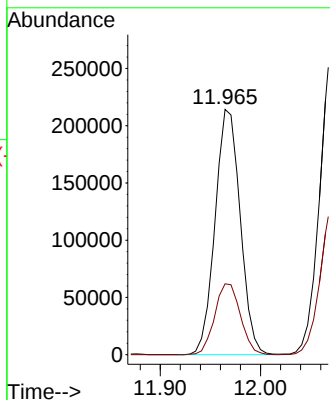
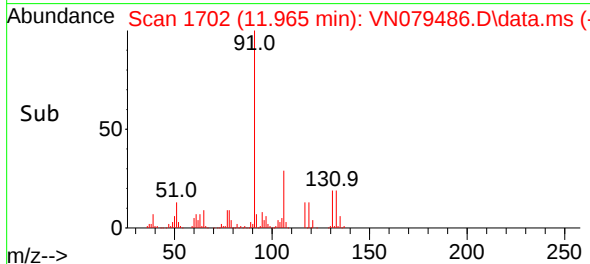
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



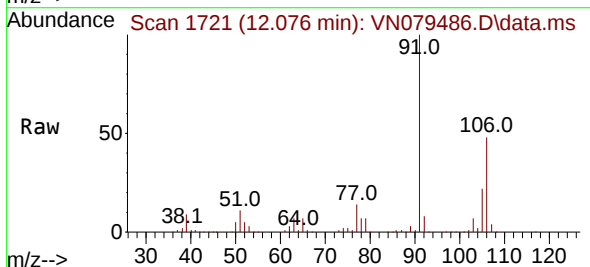
Tgt Ion: 91 Resp: 37342
Ion Ratio Lower Upper
91 100
106 28.9 25.6 38.4

Manual Integrations
APPROVED

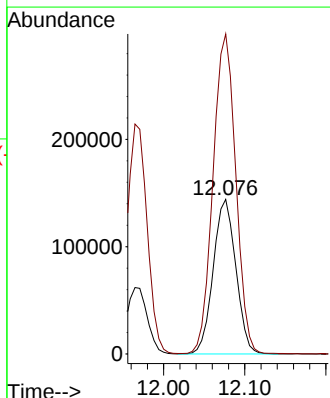
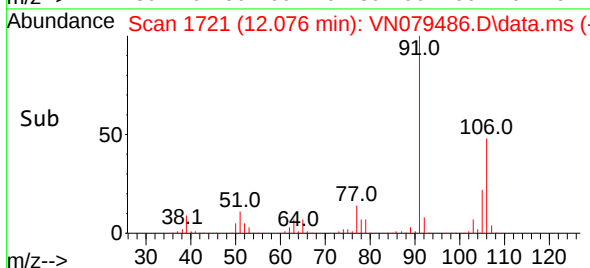
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

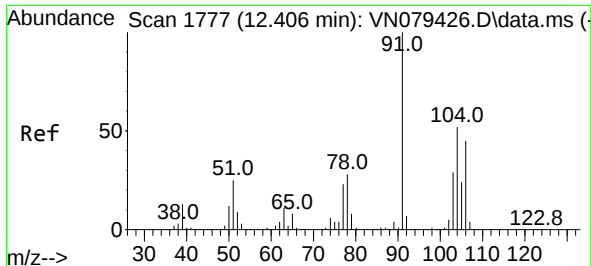


#68
m/p-Xylenes
Concen: 42.685 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



Tgt Ion:106 Resp: 278957
Ion Ratio Lower Upper
106 100
91 208.8 159.6 239.4





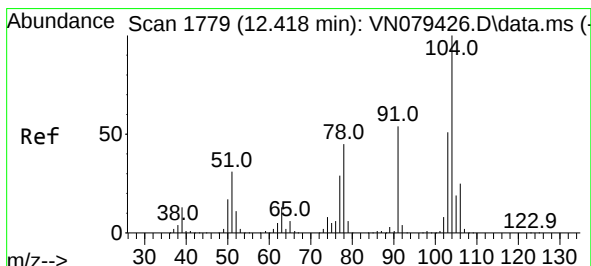
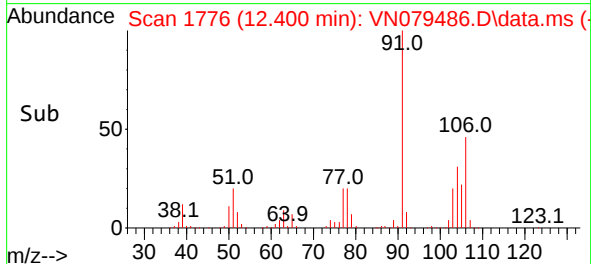
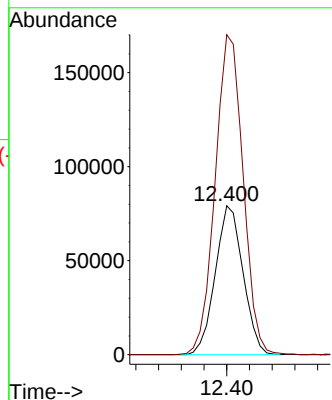
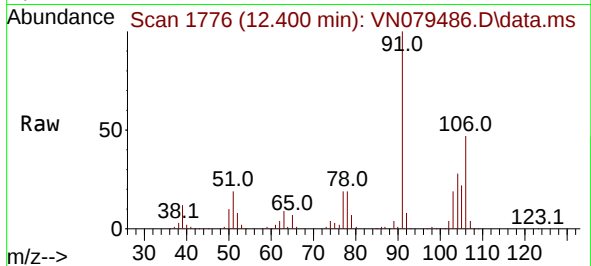
#69
o-Xylene
Concen: 20.901 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion:106 Resp: 13433
Ion Ratio Lower Upper
106 100
91 216.7 105.2 315.5

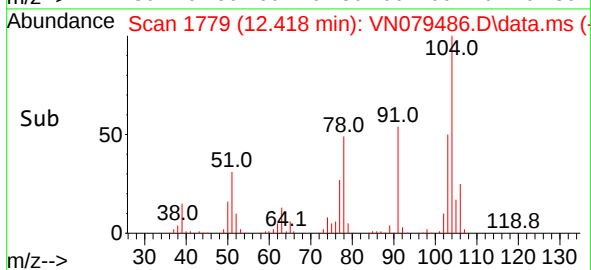
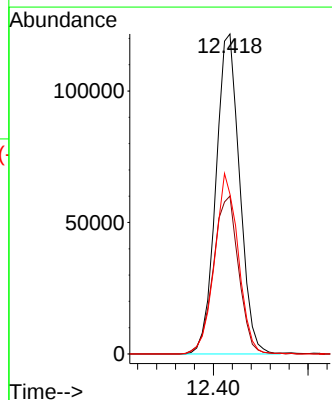
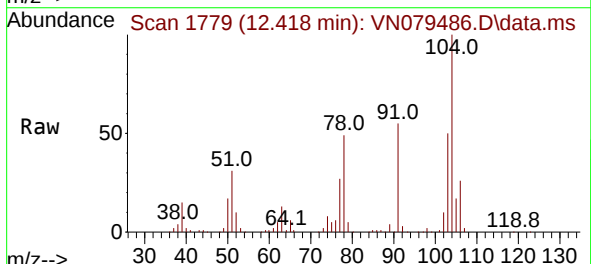
Manual Integrations
APPROVED

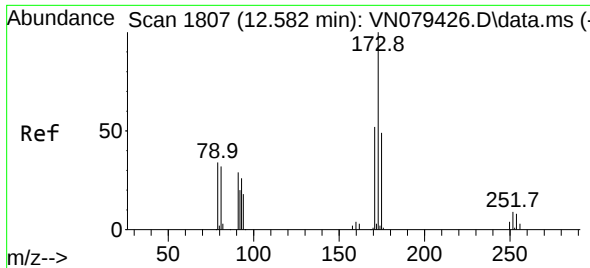
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#70
Styrene
Concen: 20.890 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

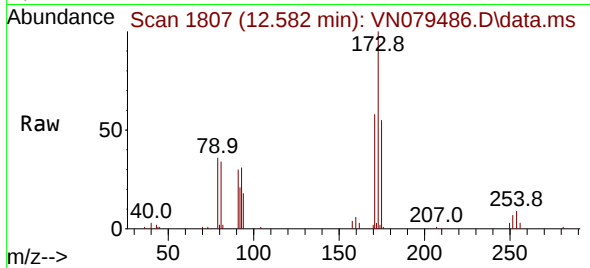
Tgt Ion:104 Resp: 212075
Ion Ratio Lower Upper
104 100
78 52.6 39.5 59.3
103 56.2 43.2 64.8





#71
Bromoform
Concen: 18.839 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

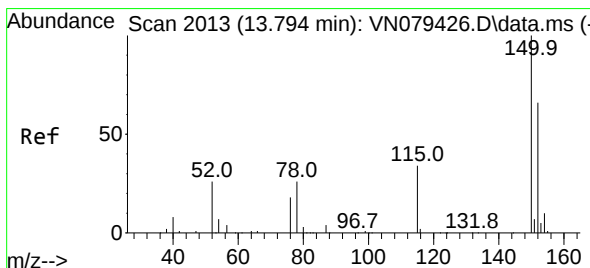
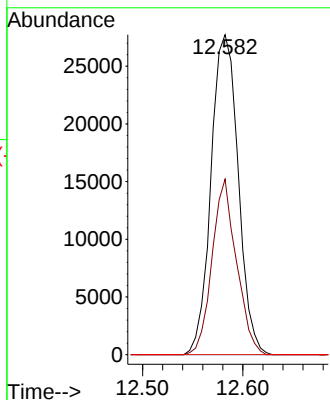
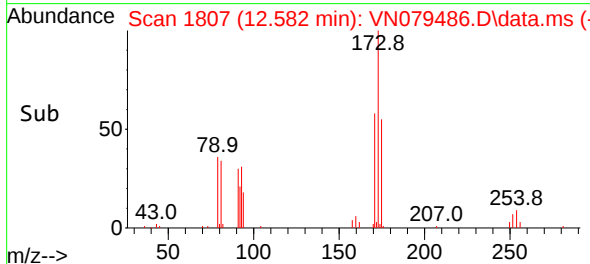
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



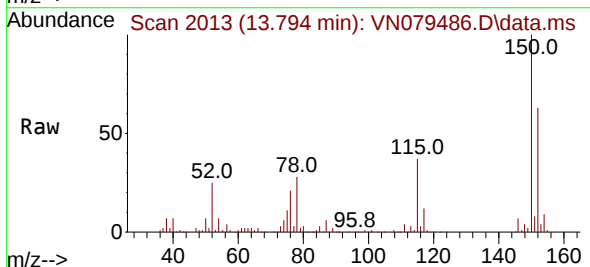
Tgt Ion:173 Resp: 5224
Ion Ratio Lower Upper
173 100
175 49.2 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

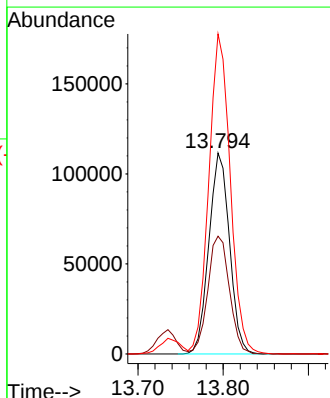
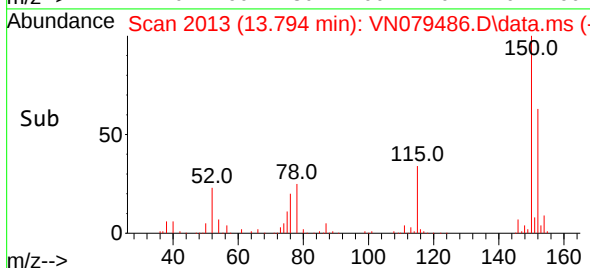
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

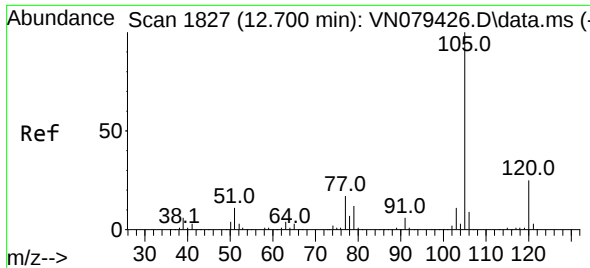


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



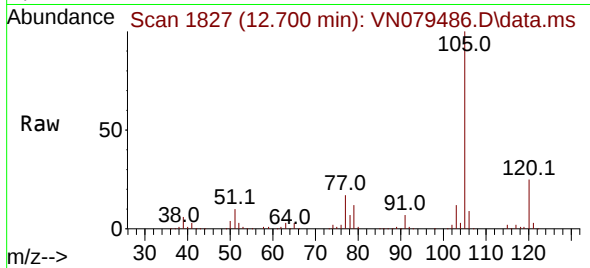
Tgt Ion:152 Resp: 187666
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 165.5 0.0 355.8





#73
Isopropylbenzene
Concen: 19.536 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

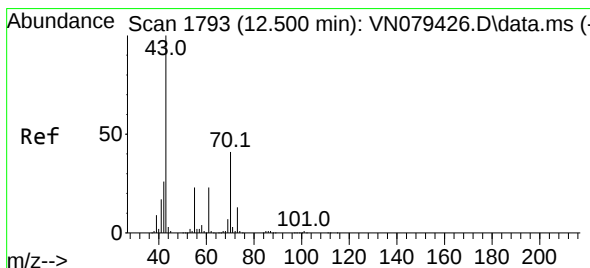
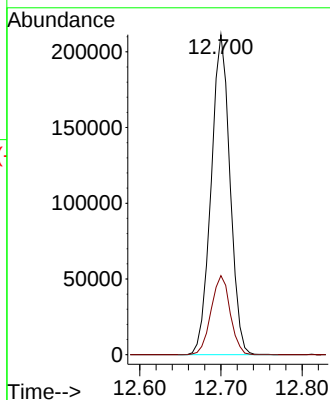
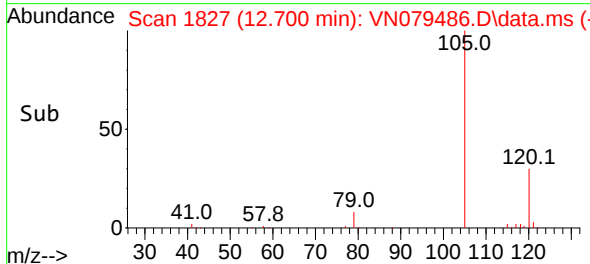
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



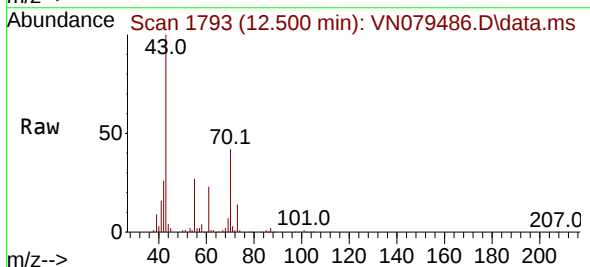
Tgt Ion:105 Resp: 34108
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1

Manual Integrations
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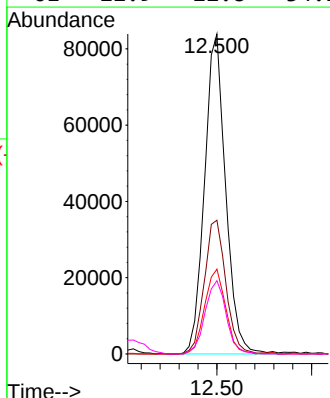
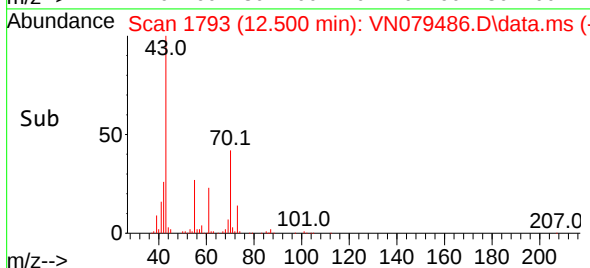
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

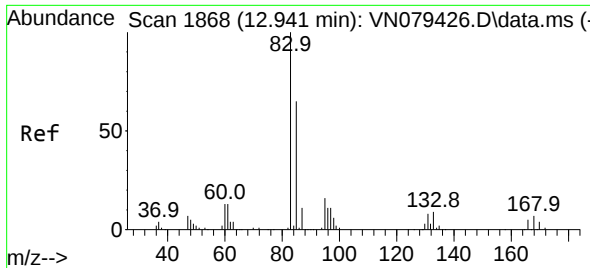


#74
N-ethyl acetate
Concen: 18.119 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



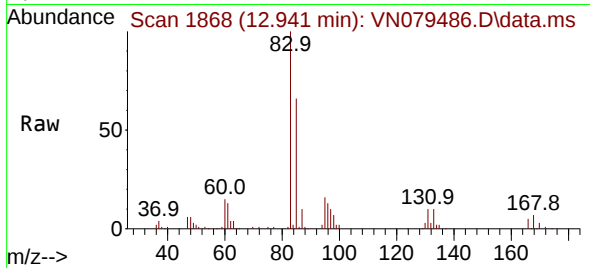
Tgt Ion: 43 Resp: 129687
Ion Ratio Lower Upper
43 100
70 42.8 43.4 65.2#
55 26.3 21.4 32.0
61 22.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.380 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

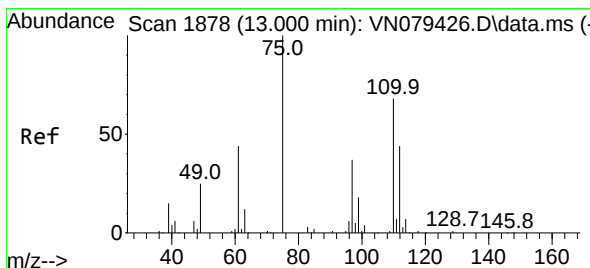
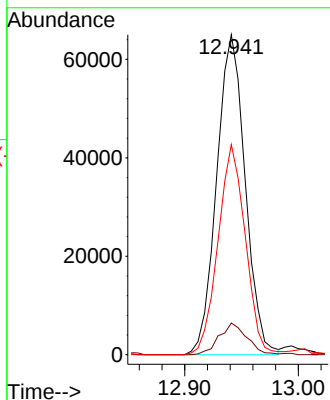
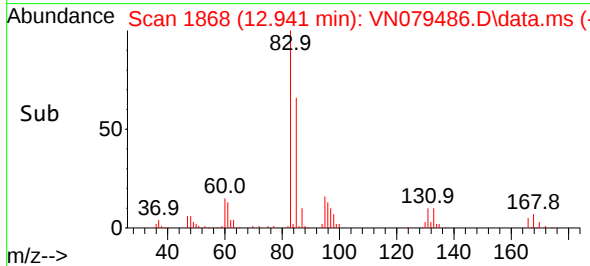
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 83 Resp: 113400
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 62.9 31.9 95.7

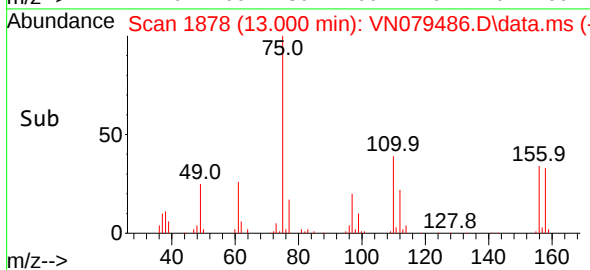
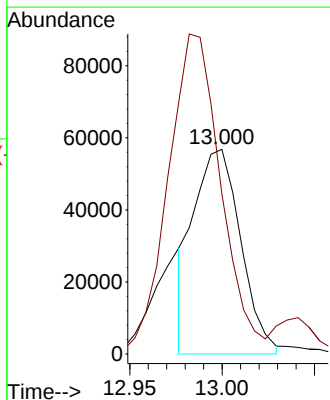
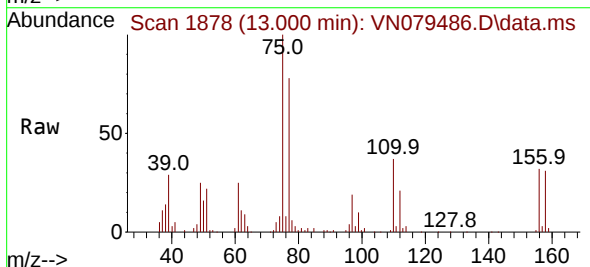
Manual Integrations
APPROVED

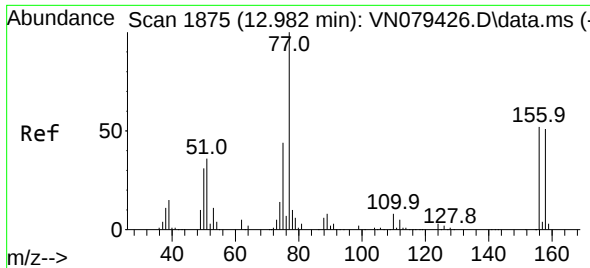
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#76
1,2,3-Trichloropropane
Concen: 18.579 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

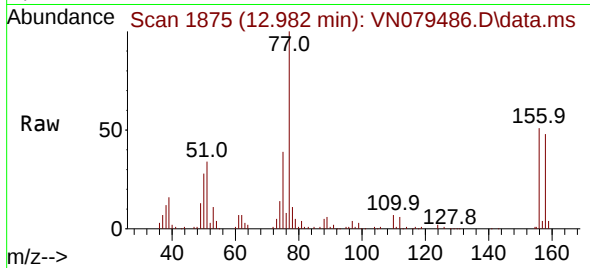
Tgt Ion: 75 Resp: 100532
Ion Ratio Lower Upper
75 100
77 175.6 84.5 253.5





#77
Bromobenzene
Concen: 18.471 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

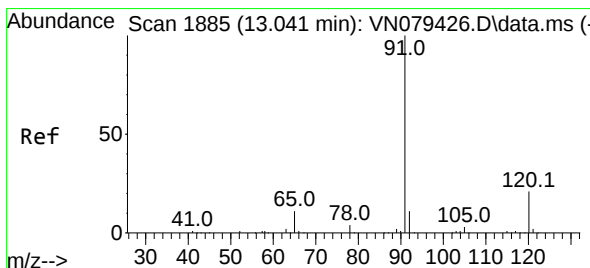
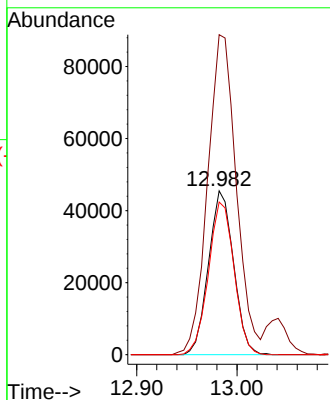
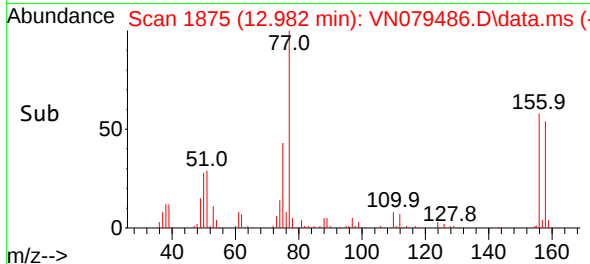
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



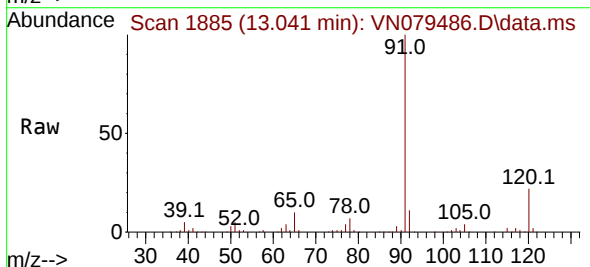
Tgt Ion:156 Resp: 7907
Ion Ratio Lower Upper
156 100
77 223.2 107.7 323.3
158 95.1 48.4 145.3

Manual Integrations
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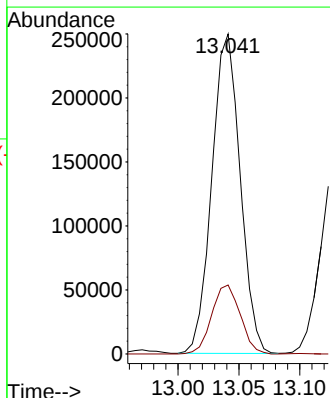
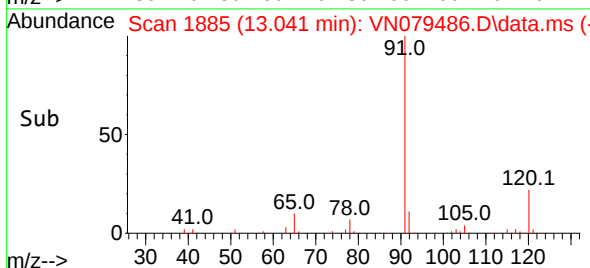
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

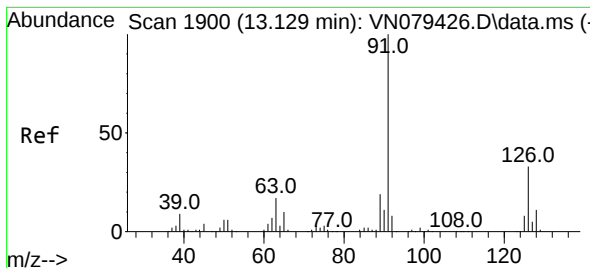


#78
n-propylbenzene
Concen: 20.453 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



Tgt Ion: 91 Resp: 404016
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





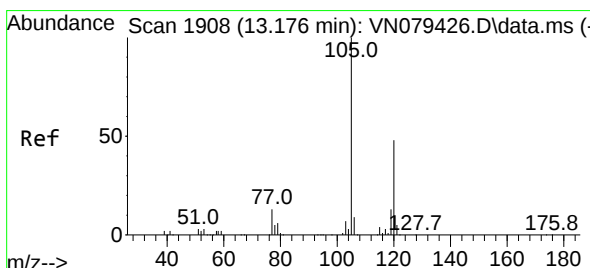
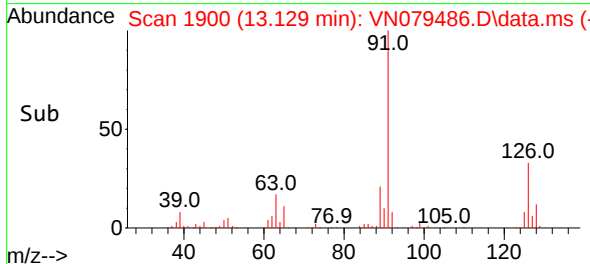
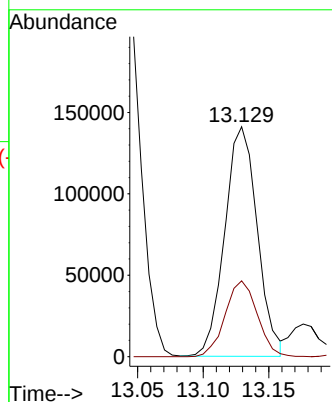
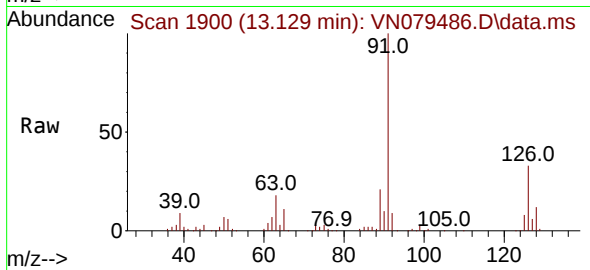
#79
2-Chlorotoluene
Concen: 19.274 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion: 91 Resp: 243630
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

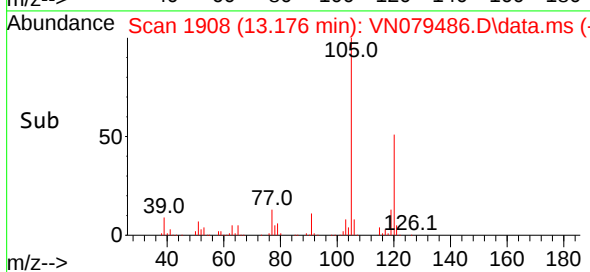
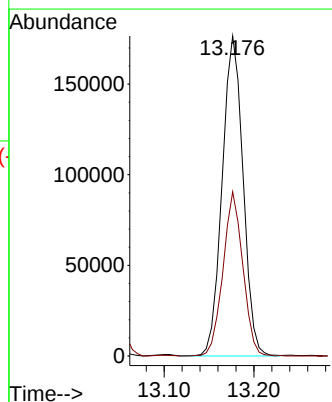
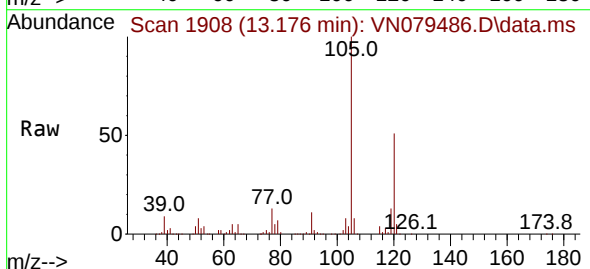
Manual Integrations
APPROVED

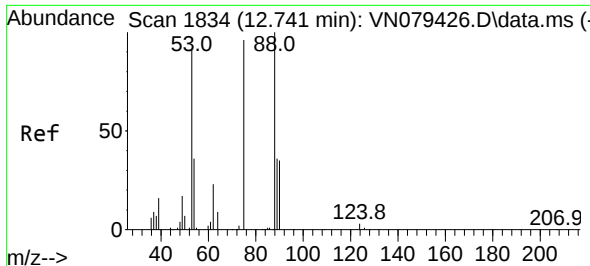
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.716 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

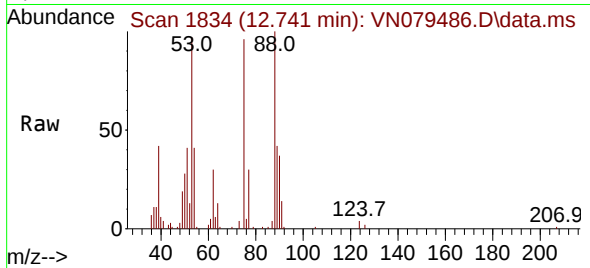
Tgt Ion:105 Resp: 285202
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.438 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

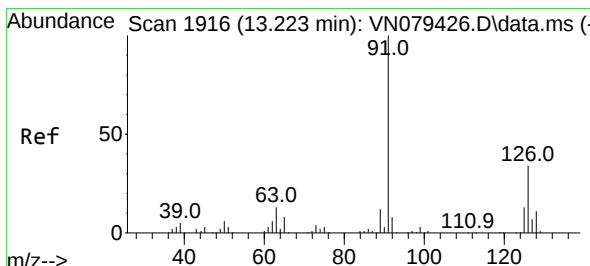
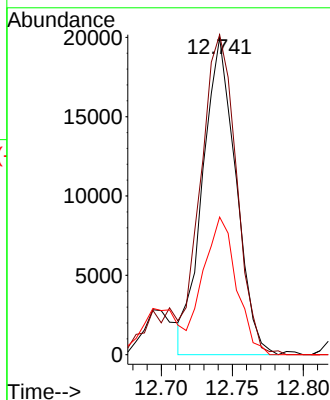
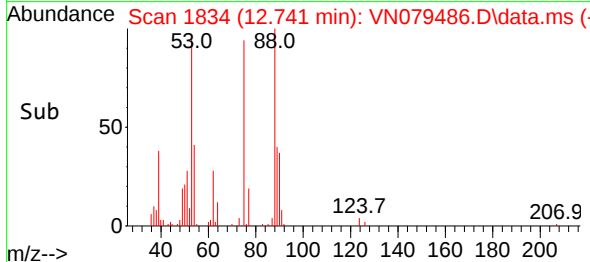
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 75 Resp: 32519
Ion Ratio Lower Upper
75 100
53 122.0 67.4 101.2
89 43.0 38.8 58.2

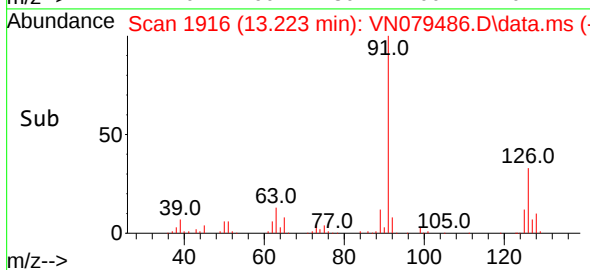
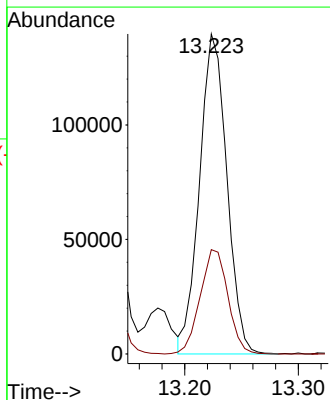
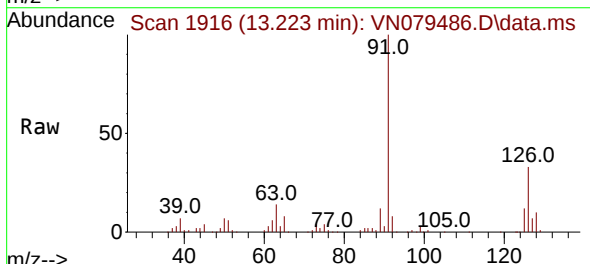
Manual Integrations
APPROVED

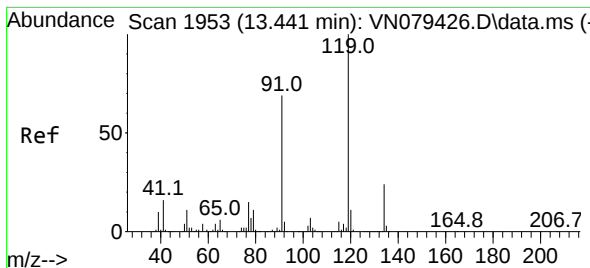
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#82
4-Chlorotoluene
Concen: 19.407 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

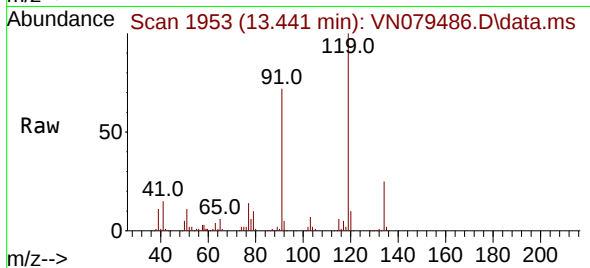
Tgt Ion: 91 Resp: 233432
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.820 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

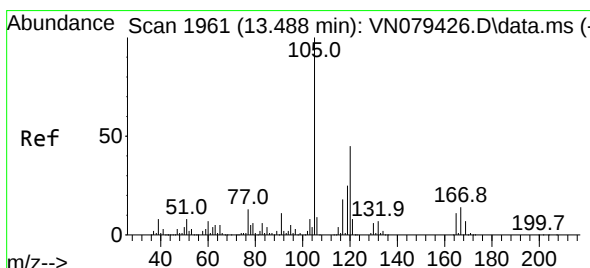
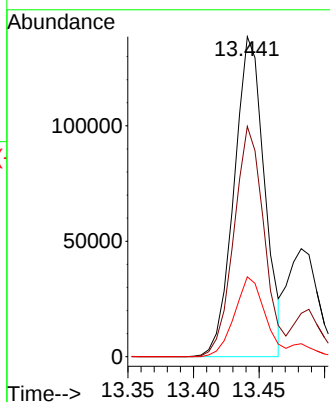
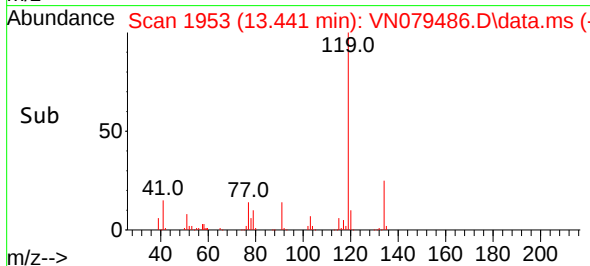
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



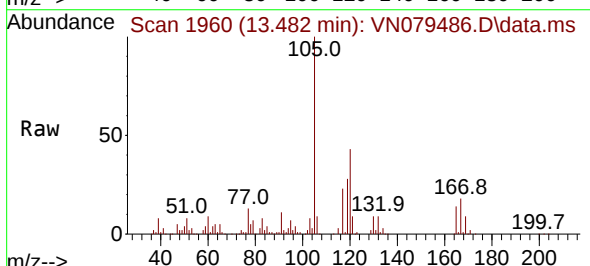
Tgt Ion:119 Resp: 22356
Ion Ratio Lower Upper
119 100
91 71.8 33.9 101.7
134 25.1 13.2 39.6

Manual Integrations
APPROVED

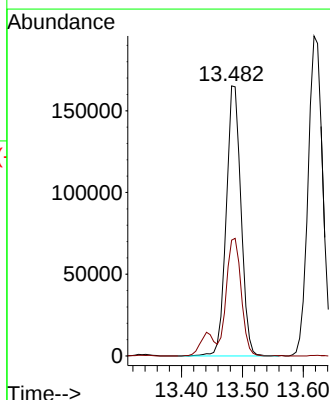
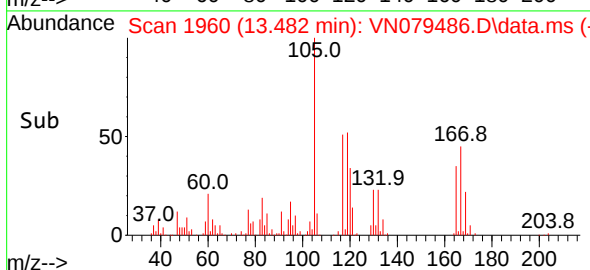
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.150 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



Tgt Ion:105 Resp: 277878
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





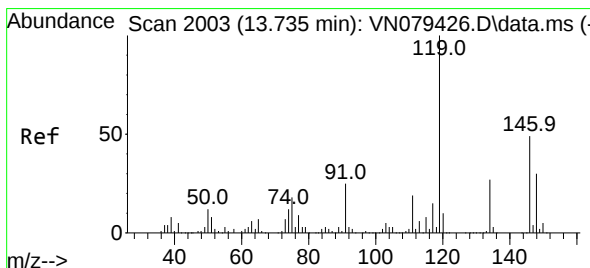
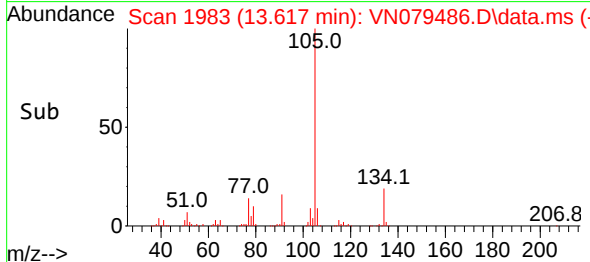
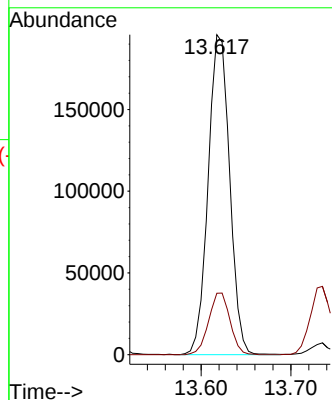
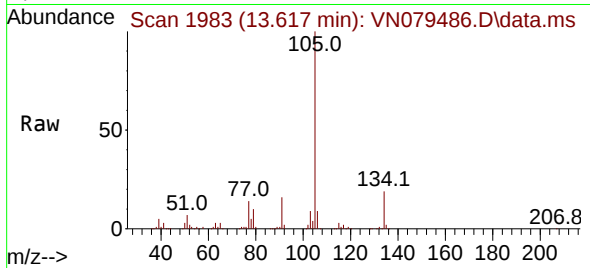
#85
 sec-Butylbenzene
 Concen: 20.716 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079486.D
 Acq: 10 Oct 2023 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01

Tgt Ion:105 Resp: 325929
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

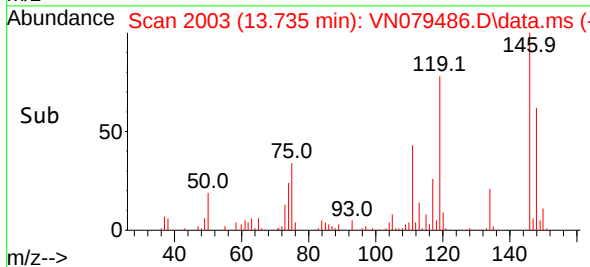
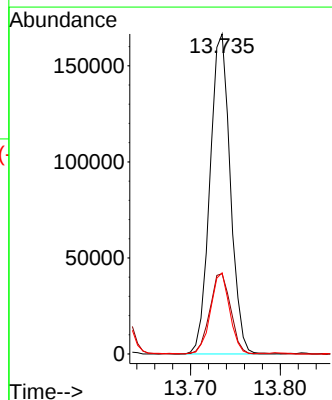
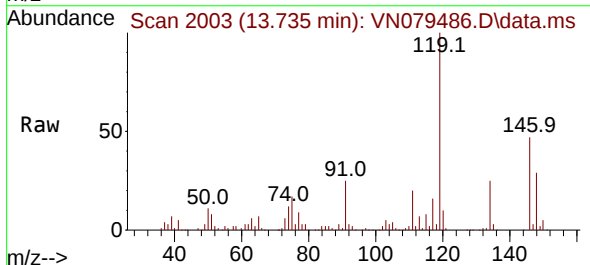
Manual Integrations
 APPROVED

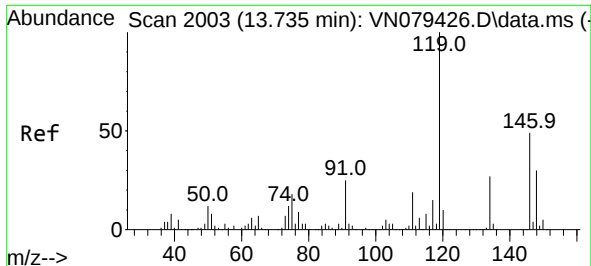
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023



#86
 p-Isopropyltoluene
 Concen: 21.710 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079486.D
 Acq: 10 Oct 2023 12:24

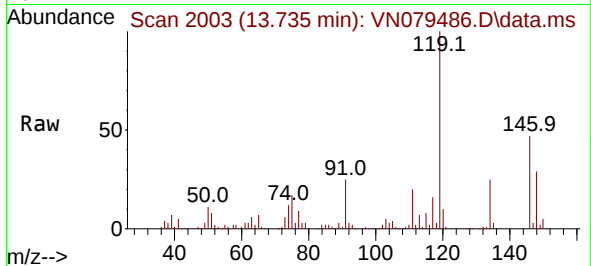
Tgt Ion:119 Resp: 262030
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 23.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.417 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

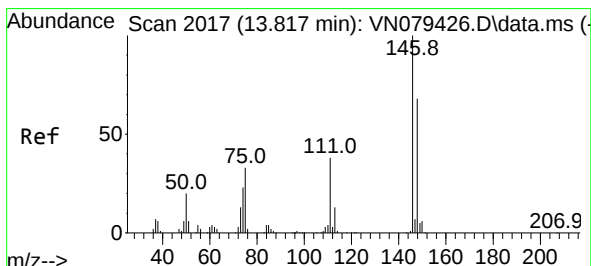
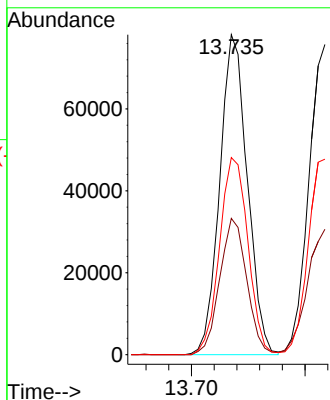
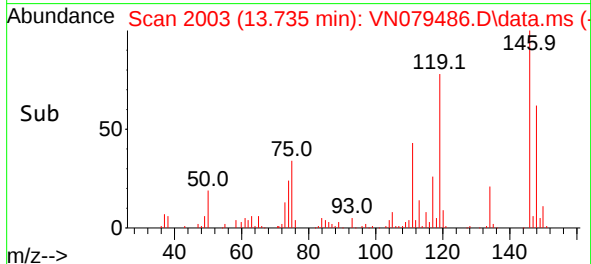
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



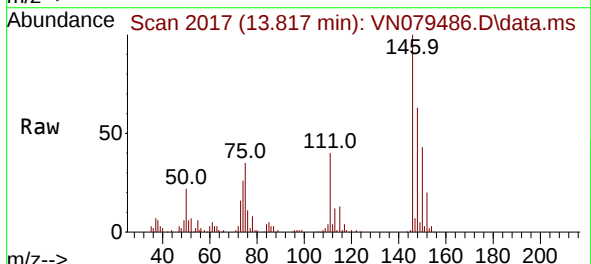
Tgt Ion:146 Resp: 131839
Ion Ratio Lower Upper
146 100
111 41.8 22.1 66.3
148 63.4 32.0 96.0

Manual Integrations
APPROVED

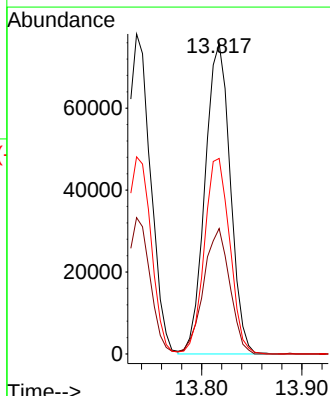
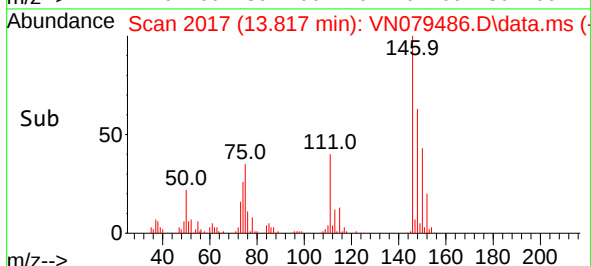
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

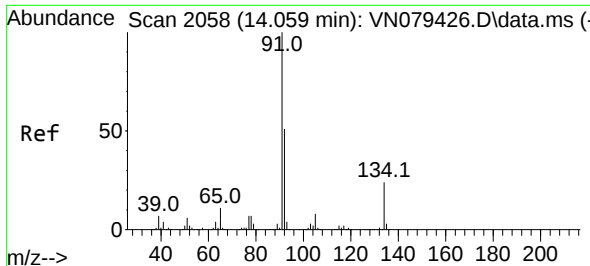


#88
1,4-Dichlorobenzene
Concen: 18.939 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



Tgt Ion:146 Resp: 132783
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.8
148 63.5 31.6 94.8





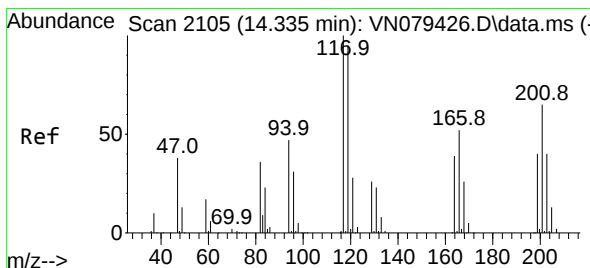
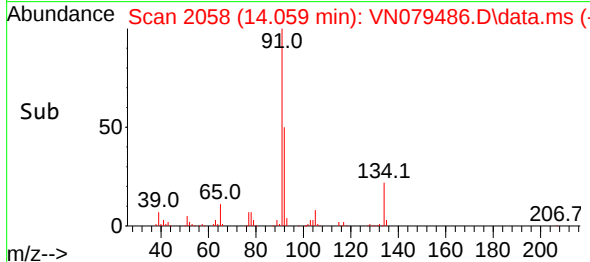
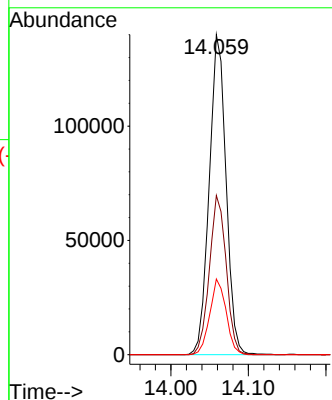
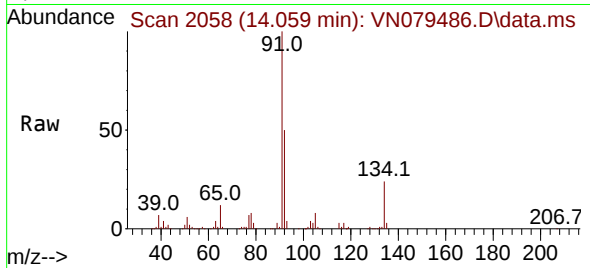
#89
n-Butylbenzene
Concen: 21.878 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion: 91 Resp: 21087
Ion Ratio Lower Upper
91 100
92 49.7 26.4 79.0
134 23.0 12.6 37.6

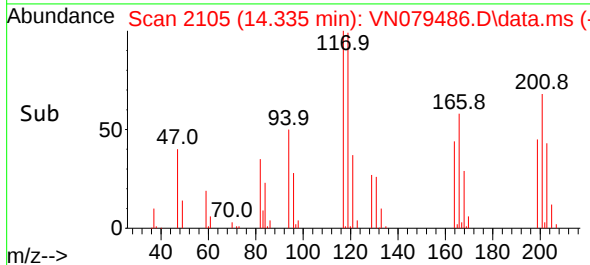
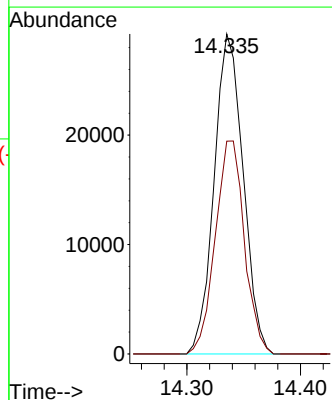
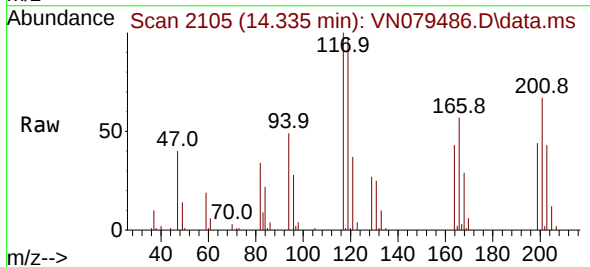
Manual Integrations
APPROVED

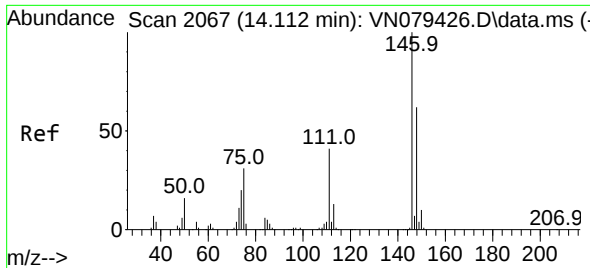
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#90
Hexachloroethane
Concen: 20.563 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

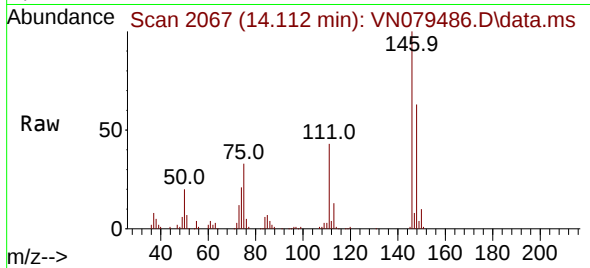
Tgt Ion:117 Resp: 51894
Ion Ratio Lower Upper
117 100
201 66.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 19.387 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

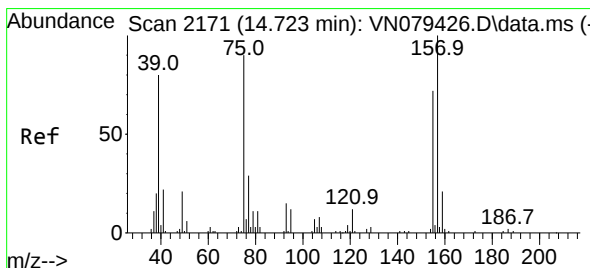
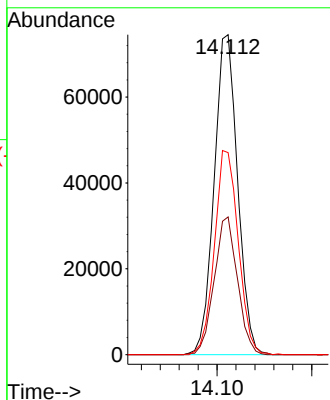
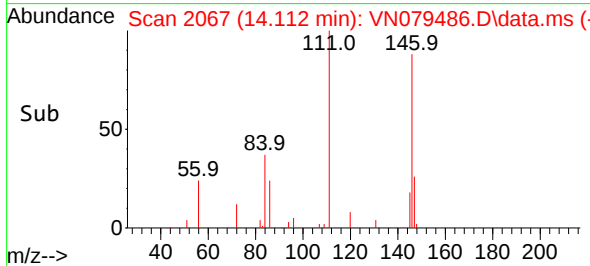
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



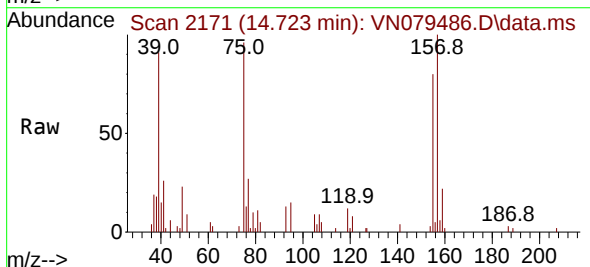
Tgt Ion:146 Resp: 128400
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 64.8 31.8 95.3

Manual Integrations
APPROVED

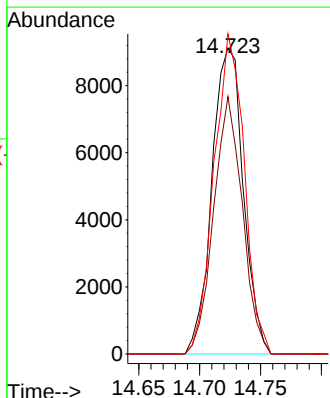
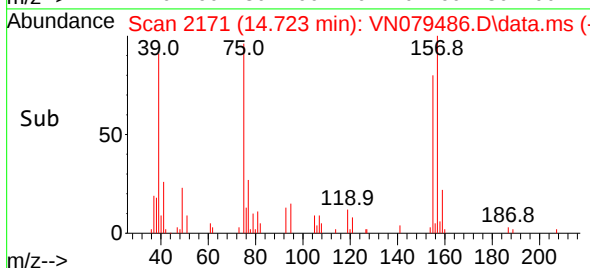
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

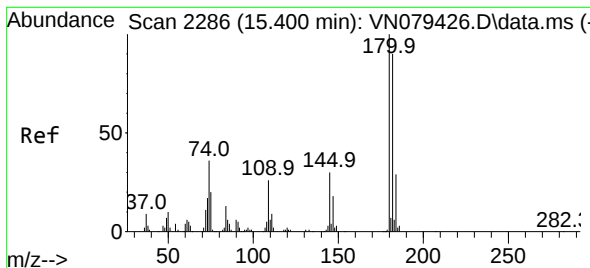


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.201 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



Tgt Ion: 75 Resp: 16356
Ion Ratio Lower Upper
75 100
155 77.3 39.1 117.2
157 100.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.311 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079486.D

Acq: 10 Oct 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

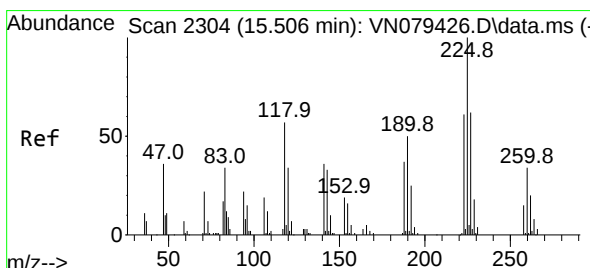
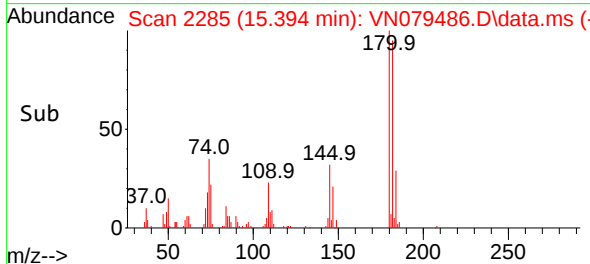
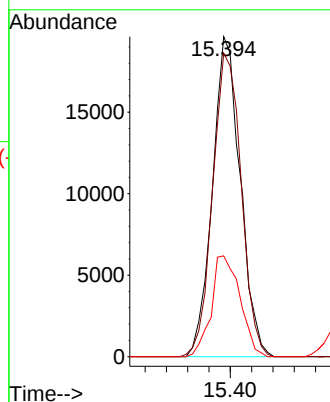
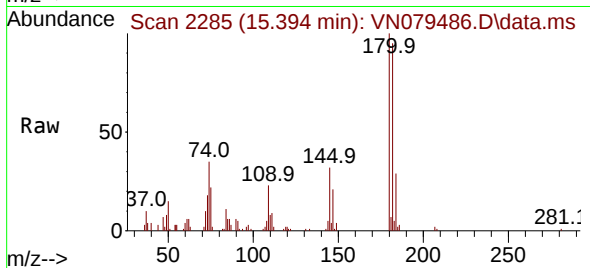
Tgt Ion:	180	Resp:	35509
Ion Ratio	Lower	Upper	
180	100		
182	97.3	46.1	138.2
145	32.6	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#94

Hexachlorobutadiene

Concen: 20.327 ug/l

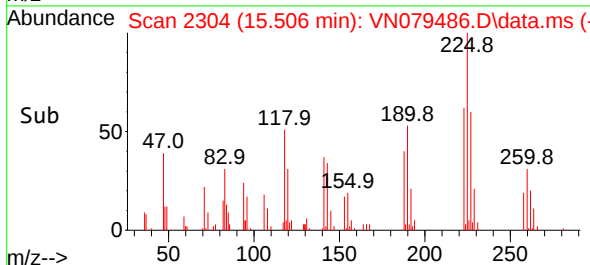
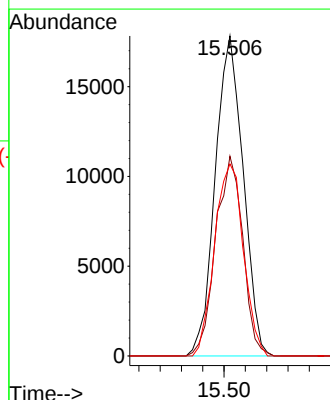
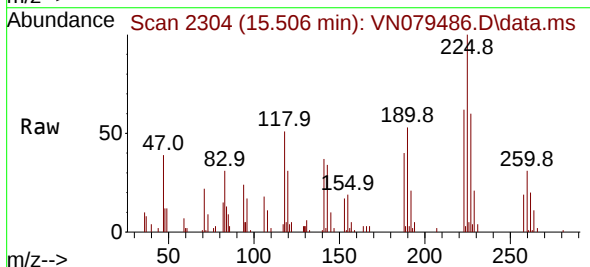
RT: 15.506 min Scan# 2304

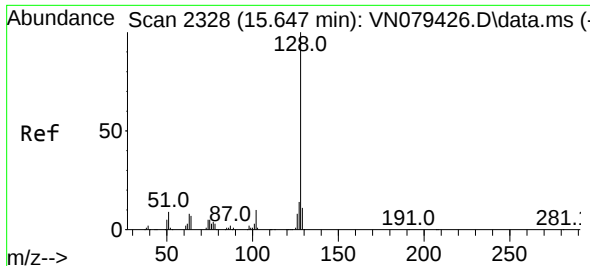
Delta R.T. 0.000 min

Lab File: VN079486.D

Acq: 10 Oct 2023 12:24

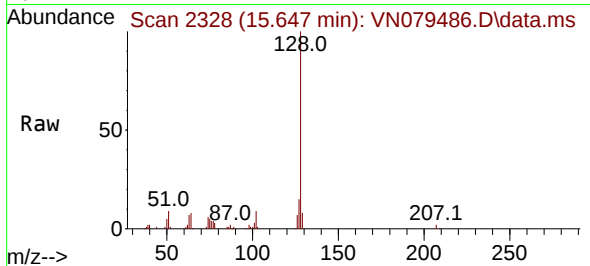
Tgt Ion:	225	Resp:	32474
Ion Ratio	Lower	Upper	
225	100		
223	60.5	31.3	93.8
227	61.8	31.9	95.9





#95
Naphthalene
Concen: 14.467 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24

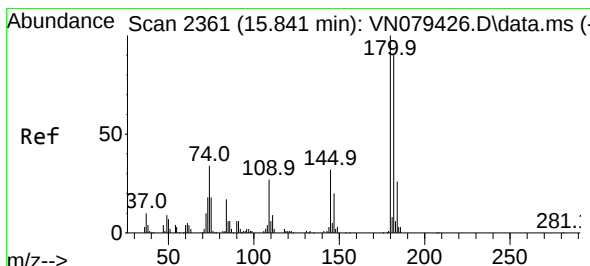
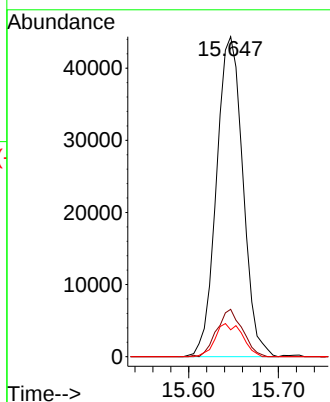
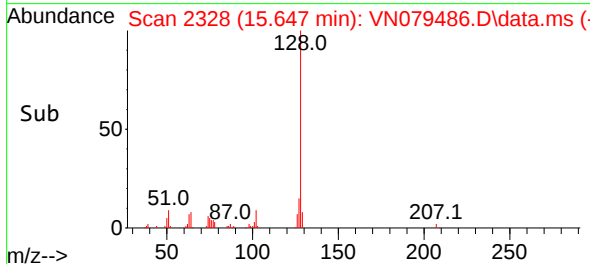
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



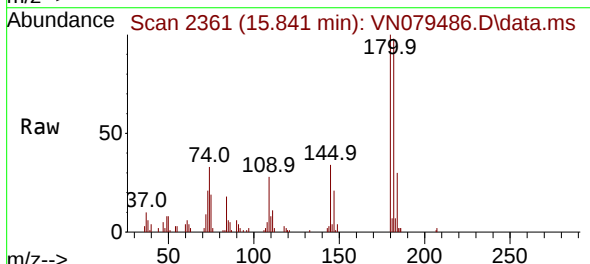
Tgt Ion:128 Resp: 90618
Ion Ratio Lower Upper
128 100
127 14.4 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.547 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079486.D
Acq: 10 Oct 2023 12:24



Tgt Ion:180 Resp: 40505
Ion Ratio Lower Upper
180 100
182 95.1 46.2 138.6
145 33.2 17.5 52.6

