

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079485.D
 Acq On : 10 Oct 2023 11:46
 Operator : JC\MD
 Sample : VN1010WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 06:15:09 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	8.229	168	262871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	466301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	413860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	222480	52.198	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.400%			
35) Dibromofluoromethane	8.171	113	173580	51.799	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	10.571	98	649633	53.578	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.160%			
62) 4-Bromofluorobenzene	12.853	95	200405	51.503	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.000%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	74841	19.869	ug/l	100
3) Chloromethane	2.365	50	86523	18.409	ug/l	99
4) Vinyl Chloride	2.518	62	93274	19.079	ug/l	95
5) Bromomethane	2.953	94	51110	17.464	ug/l	99
6) Chloroethane	3.118	64	66766	18.115	ug/l	97
7) Trichlorofluoromethane	3.500	101	111336	19.288	ug/l	98
8) Diethyl Ether	3.965	74	41095	19.970	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.377	101	64927	19.248	ug/l	99
10) Methyl Iodide	4.589	142	55710	19.033	ug/l	95
11) Tert butyl alcohol	5.524	59	54383	84.775	ug/l	99
12) 1,1-Dichloroethene	4.347	96	59391	19.122	ug/l	84
13) Acrolein	4.183	56	79131	123.883	ug/l	97
14) Allyl chloride	5.030	41	91421	18.240	ug/l #	88
15) Acrylonitrile	5.724	53	178194	95.813	ug/l	99
16) Acetone	4.430	43	182702	108.072	ug/l	93
17) Carbon Disulfide	4.712	76	173558	17.915	ug/l	99
18) Methyl Acetate	5.030	43	142248	17.191	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	196538	19.476	ug/l #	91
20) Methylene Chloride	5.283	84	73915	19.600	ug/l #	79
21) trans-1,2-Dichloroethene	5.788	96	64616	17.813	ug/l #	75
22) Diisopropyl ether	6.677	45	231872	20.631	ug/l #	90
23) Vinyl Acetate	6.612	43	622018	98.392	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	133762	19.447	ug/l	98
25) 2-Butanone	7.488	43	240693	95.927	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	108783	20.695	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	77156	19.579	ug/l	87
28) Bromochloromethane	7.818	49	67166	20.523	ug/l #	71
29) Tetrahydrofuran	7.841	42	151335	93.257	ug/l #	75
30) Chloroform	7.971	83	134646	19.374	ug/l	100
31) Cyclohexane	8.259	56	113948	18.847	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	115870	19.812	ug/l #	90
36) 1,1-Dichloropropene	8.377	75	97987	19.483	ug/l	94
37) Ethyl Acetate	7.565	43	98020	19.587	ug/l #	90
38) Carbon Tetrachloride	8.365	117	96929	19.251	ug/l	99
39) Methylcyclohexane	9.606	83	96697	20.012	ug/l #	87
40) Benzene	8.606	78	301348	20.175	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	51958	19.749	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	106753	19.669	ug/l	97
43) Isopropyl Acetate	8.694	43	165300	18.854	ug/l #	88
44) Trichloroethene	9.353	130	67723	19.264	ug/l	96
45) 1,2-Dichloropropane	9.624	63	78081	19.841	ug/l	98
46) Dibromomethane	9.712	93	52412	20.563	ug/l	99
47) Bromodichloromethane	9.894	83	107427	20.490	ug/l	97
48) Methyl methacrylate	9.682	41	73242	19.495	ug/l #	79
49) 1,4-Dioxane	9.694	88	26790	387.120	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	480413	97.067	ug/l	88
52) Toluene	10.635	92	178761	20.332	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	107606	20.366	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	118137	20.425	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	68700	19.463	ug/l	91
56) Ethyl methacrylate	10.876	69	96601	19.916	ug/l #	79
57) 1,3-Dichloropropane	11.165	76	125890	20.655	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	182664	98.338	ug/l #	88
59) 2-Hexanone	11.200	43	346863	97.122	ug/l	87
60) Dibromochloromethane	11.359	129	71900	20.268	ug/l	100
61) 1,2-Dibromoethane	11.470	107	67602	19.299	ug/l	99
64) Tetrachloroethene	11.112	164	54240	19.051	ug/l	87
65) Chlorobenzene	11.894	112	180727	19.609	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	68093	20.178	ug/l	97
67) Ethyl Benzene	11.970	91	324694	20.268	ug/l	96
68) m/p-Xylenes	12.076	106	243219	41.785	ug/l	94
69) o-Xylene	12.406	106	115451	20.168	ug/l	94
70) Styrene	12.417	104	187762	20.766	ug/l	97
71) Bromoform	12.582	173	46993	19.027	ug/l #	99
73) Isopropylbenzene	12.700	105	296736	19.156	ug/l	99
74) N-amyl acetate	12.500	43	116756	18.385	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	102155	19.695	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	91701m	19.101	ug/l	
77) Bromobenzene	12.982	156	67933	17.885	ug/l	95
78) n-propylbenzene	13.041	91	346497	19.770	ug/l	97
79) 2-Chlorotoluene	13.129	91	210417	18.762	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	247835	20.289	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	28709	17.351	ug/l #	76
82) 4-Chlorotoluene	13.223	91	202363	18.962	ug/l	99
83) tert-Butylbenzene	13.441	119	198768	19.861	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	242640	20.814	ug/l	100
85) sec-Butylbenzene	13.617	105	282565	20.242	ug/l	99
86) p-Isopropyltoluene	13.735	119	222951	20.819	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	116176	19.284	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	111562	17.935	ug/l	98
89) n-Butylbenzene	14.059	91	166691	19.492	ug/l	98
90) Hexachloroethane	14.335	117	47022	21.023	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	112873	19.208	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15168	16.934	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	29886	16.421	ug/l	98
94) Hexachlorobutadiene	15.505	225	26455	18.663	ug/l	97
95) Naphthalene	15.641	128	69397	12.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	32549	14.987	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

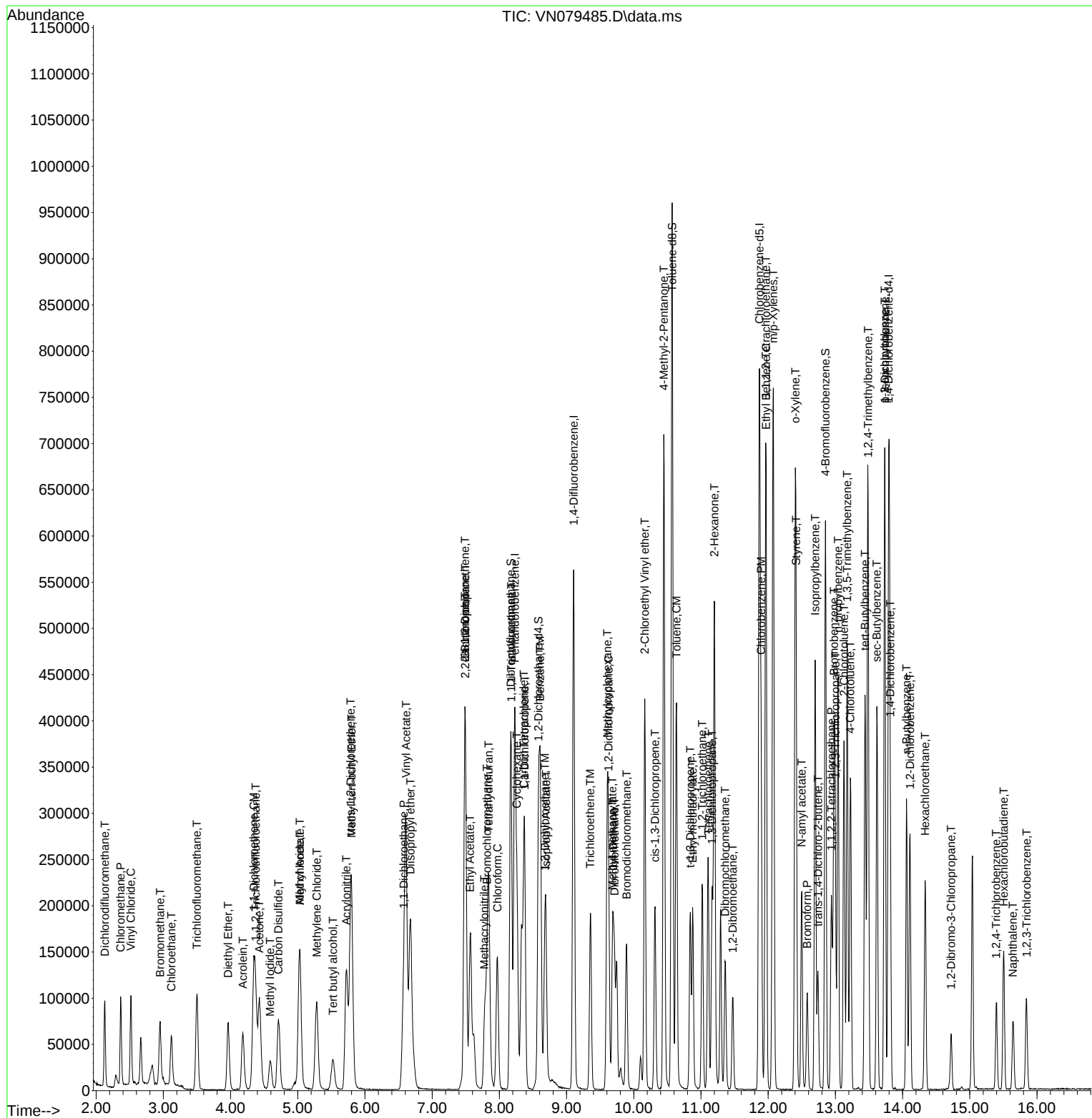
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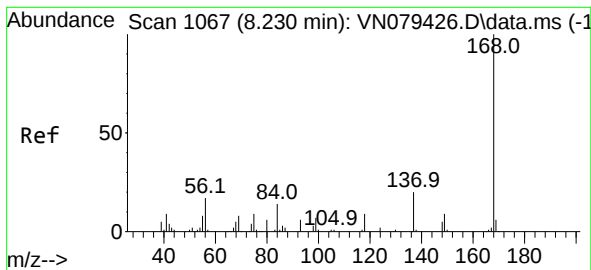
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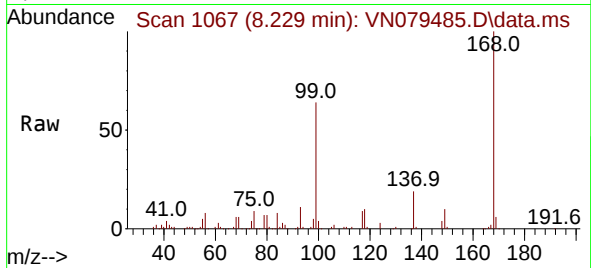
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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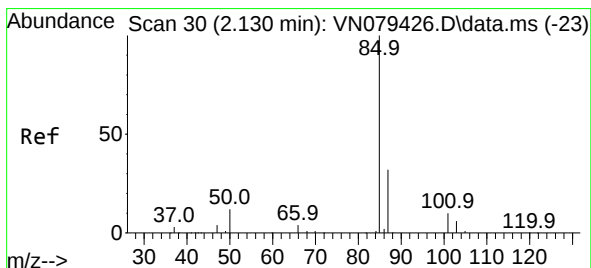
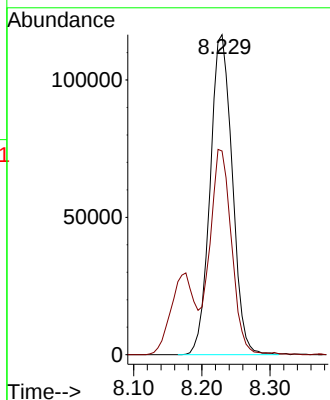
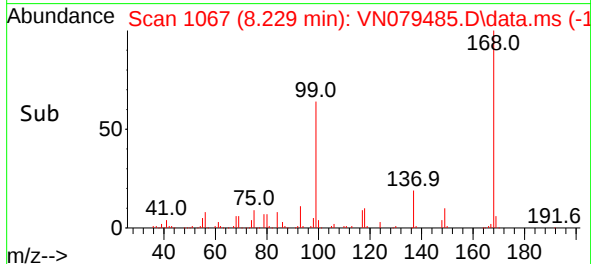
Instrument :
MSVOA_N
ClientSampleId :
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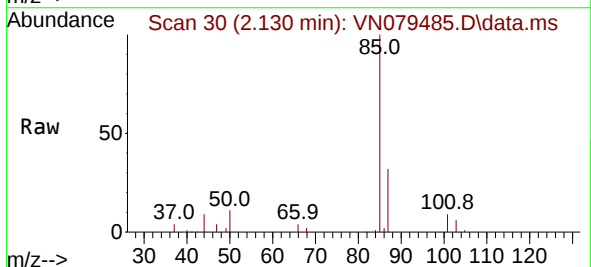
Tgt Ion:168 Resp: 26287
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6

Manual Integrations
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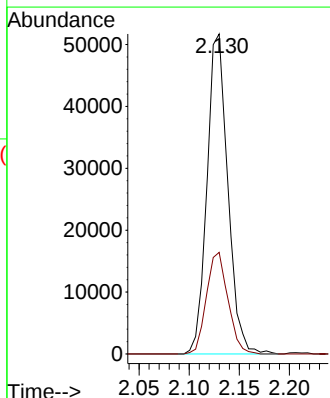
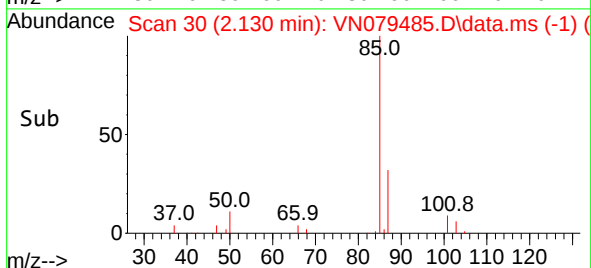
Reviewed By :John Carlone 10/11/2023
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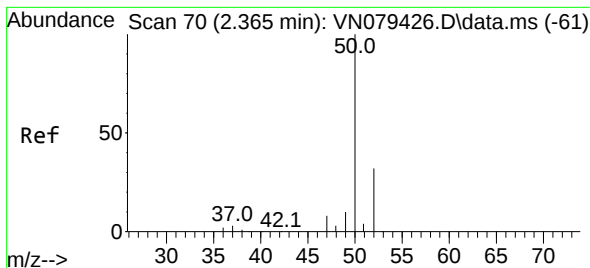


#2
Dichlorodifluoromethane
Concen: 19.869 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46



Tgt Ion: 85 Resp: 74841
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





#3

Chloromethane

Concen: 18.409 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.000 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

Tgt Ion: 50 Resp: 8652

Ion Ratio Lower Upper

50 100

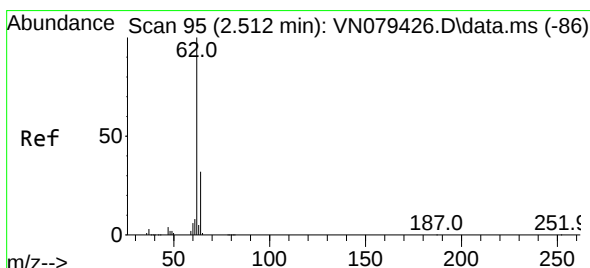
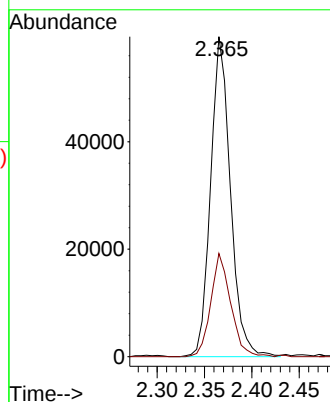
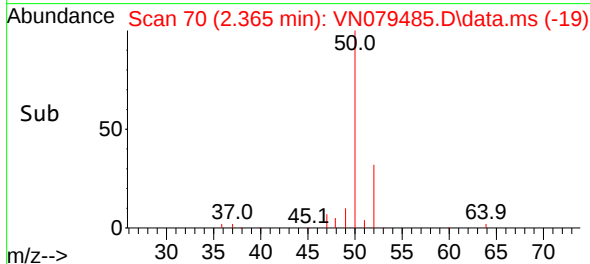
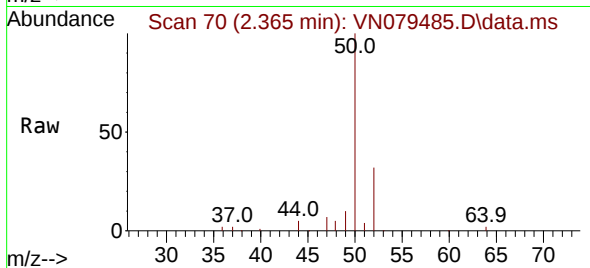
52 32.3 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.079 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN079485.D

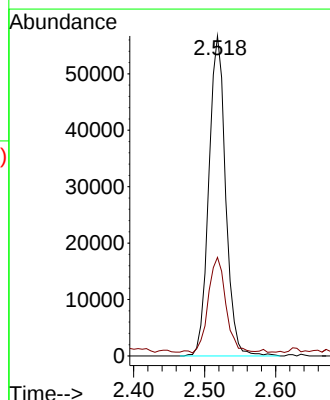
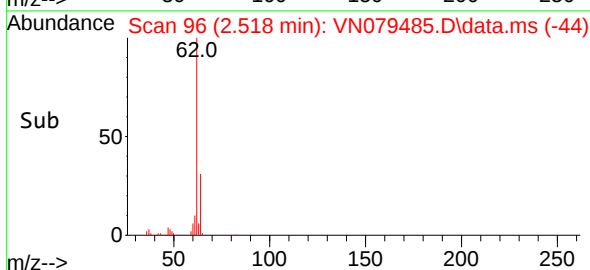
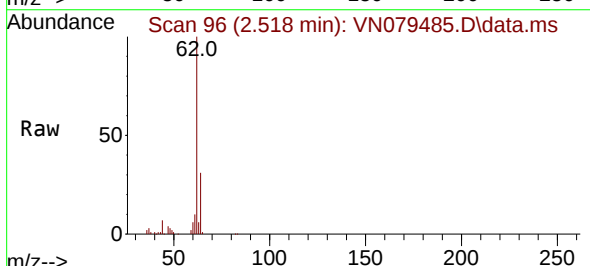
Acq: 10 Oct 2023 11:46

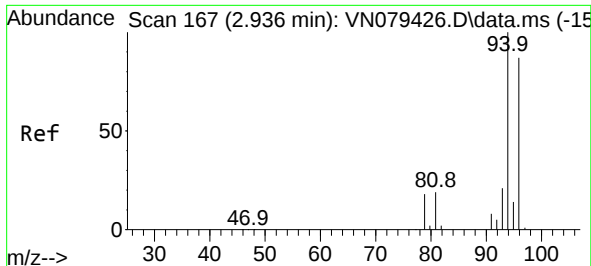
Tgt Ion: 62 Resp: 93274

Ion Ratio Lower Upper

62 100

64 29.6 26.2 39.2





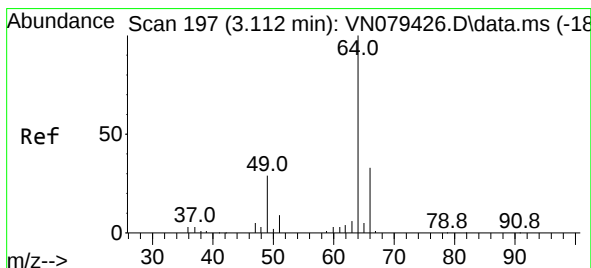
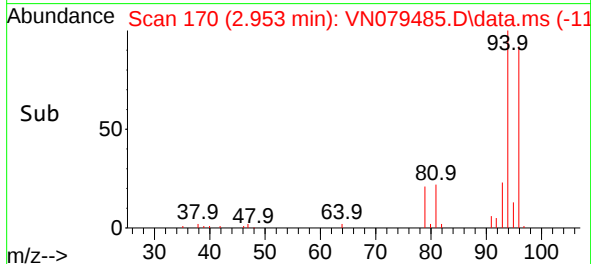
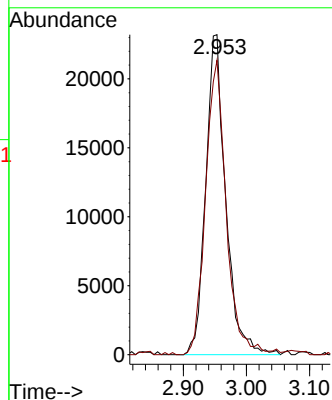
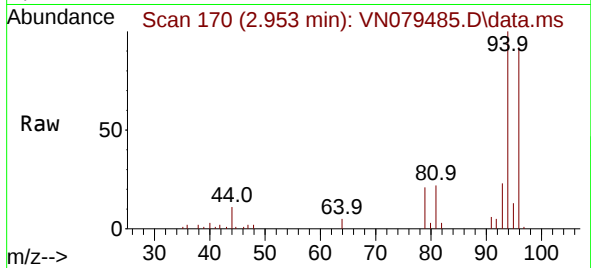
#5
Bromomethane
Concen: 17.464 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN079485.D
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Tgt Ion: 94 Resp: 51110
Ion Ratio Lower Upper
94 100
96 92.0 73.1 109.7

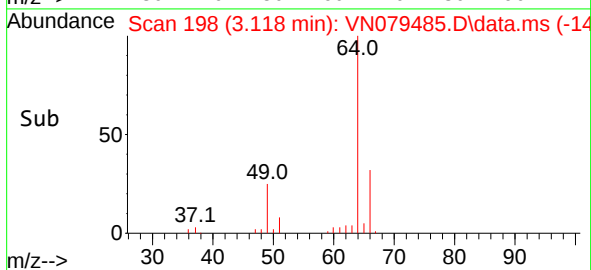
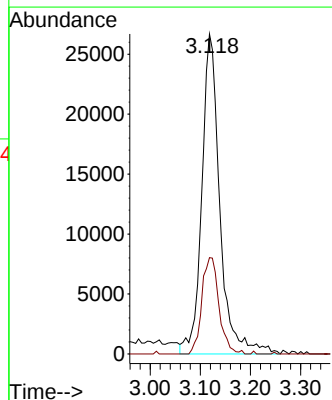
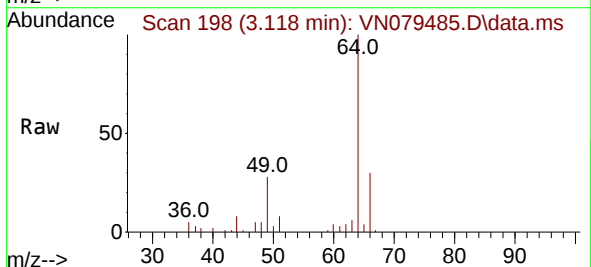
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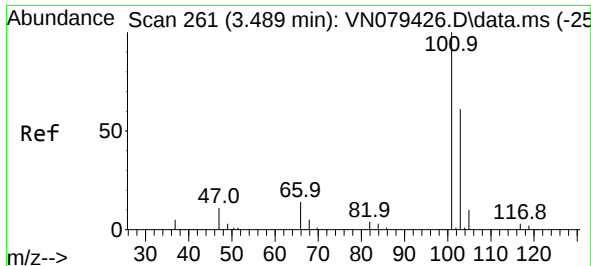
Reviewed By :John Carlone 10/11/2023
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#6
Chloroethane
Concen: 18.115 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

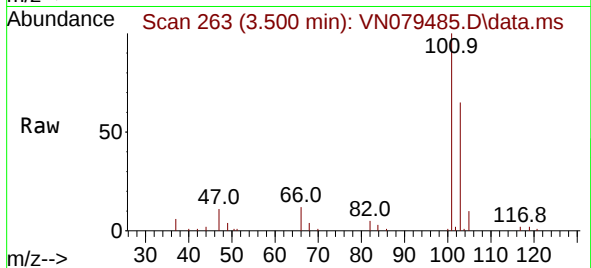
Tgt Ion: 64 Resp: 66766
Ion Ratio Lower Upper
64 100
66 30.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.288 ug/l
 RT: 3.500 min Scan# 261
 Delta R.T. 0.012 min
 Lab File: VN079485.D
 Acq: 10 Oct 2023 11:46

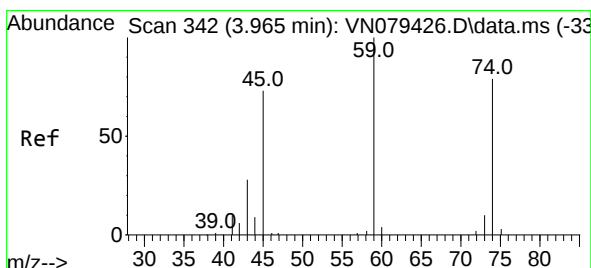
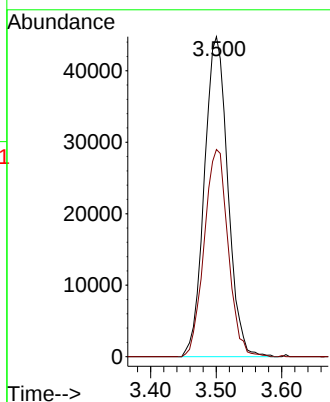
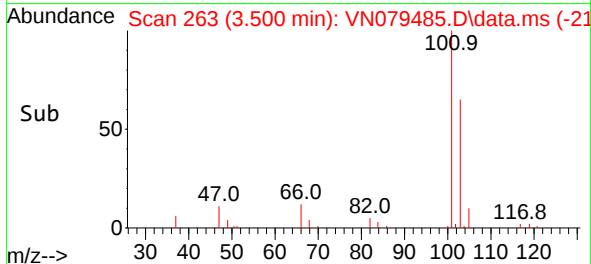
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Tgt Ion:101 Resp: 111330
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.7 76.1

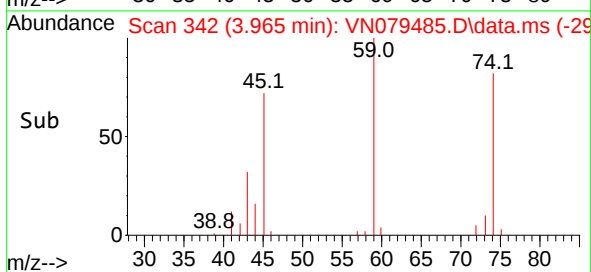
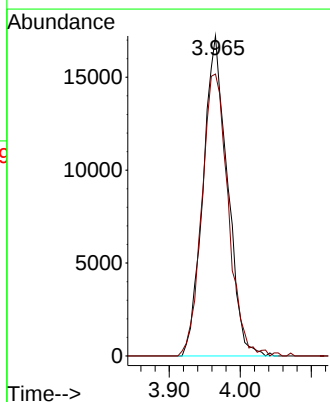
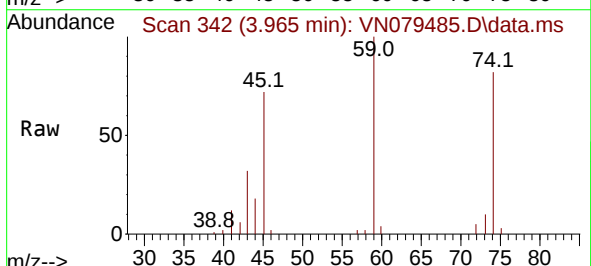
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#8
 Diethyl Ether
 Concen: 19.970 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN079485.D
 Acq: 10 Oct 2023 11:46

Tgt Ion: 74 Resp: 41095
 Ion Ratio Lower Upper
 74 100
 45 95.5 34.4 103.3





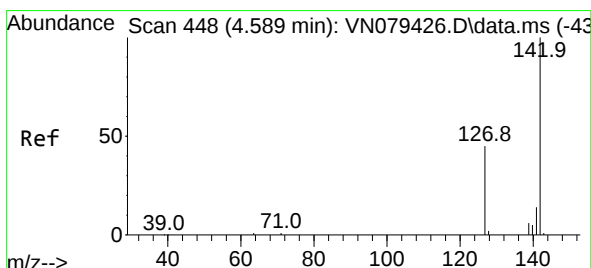
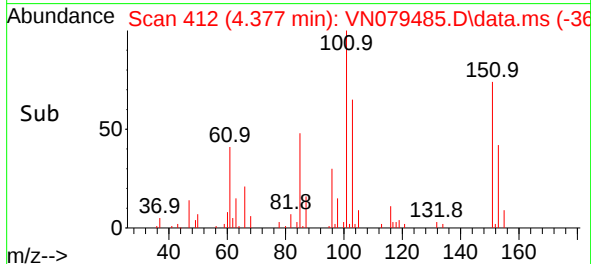
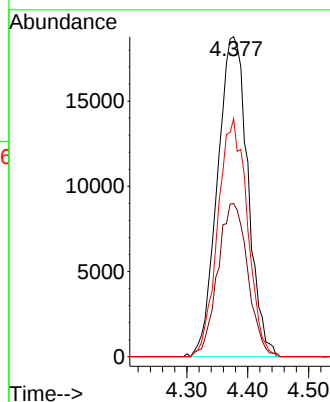
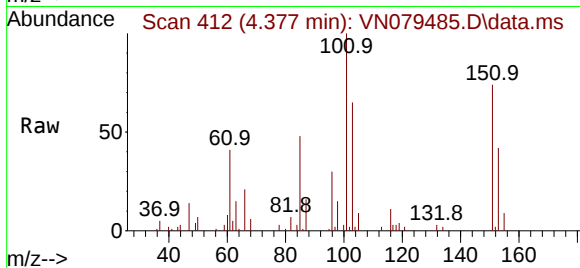
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.248 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion:101 Resp: 6492
Ion Ratio Lower Upper
101 100
85 47.6 36.6 55.0
151 72.3 57.6 86.4

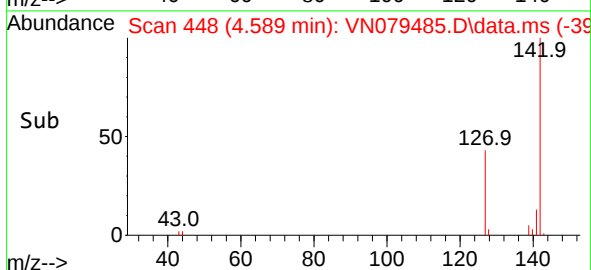
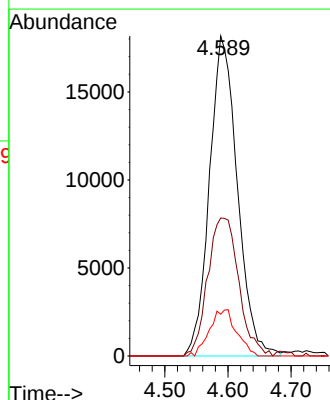
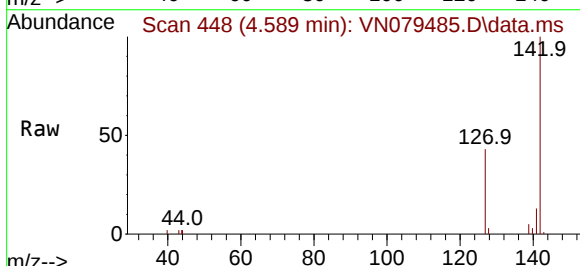
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 19.033 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

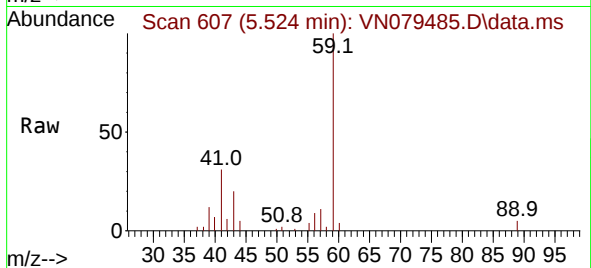
Tgt Ion:142 Resp: 55710
Ion Ratio Lower Upper
142 100
127 43.1 37.6 56.4
141 13.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 84.775 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

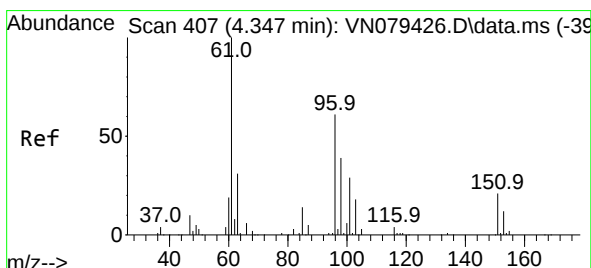
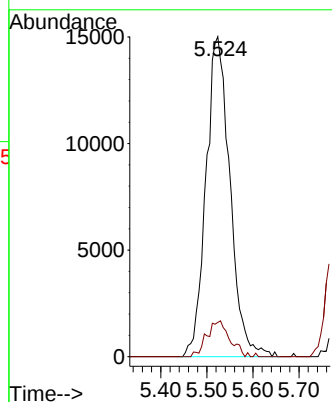
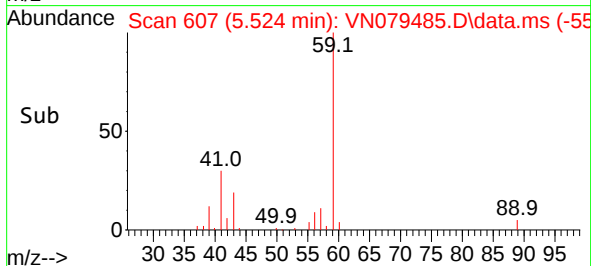
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 59 Resp: 5438
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

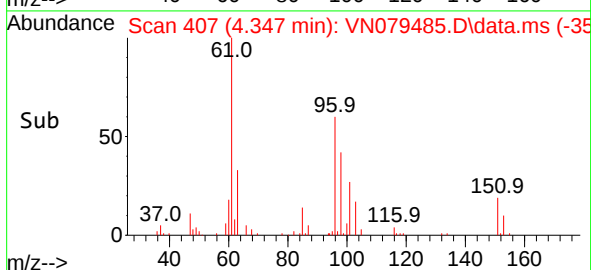
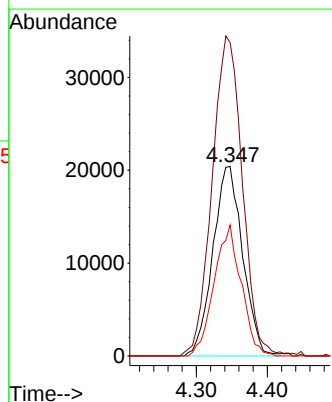
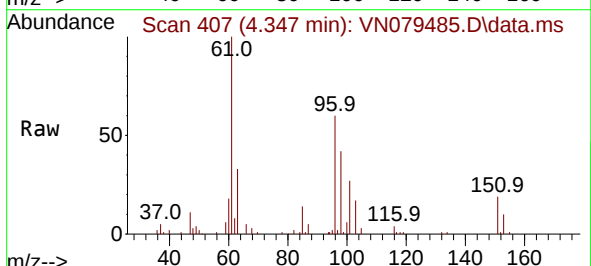
Manual Integrations
APPROVED

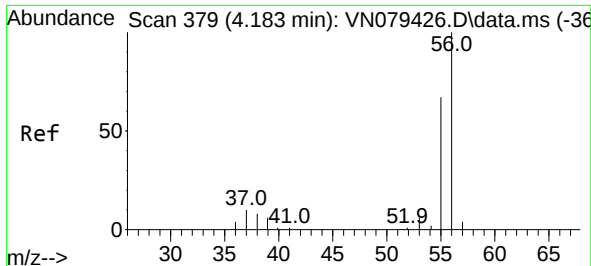
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#12
1,1-Dichloroethene
Concen: 19.122 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 96 Resp: 59391
Ion Ratio Lower Upper
96 100
61 165.5 112.7 169.1
98 69.1 51.2 76.8





#13

Acrolein

Concen: 123.883 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079485.D

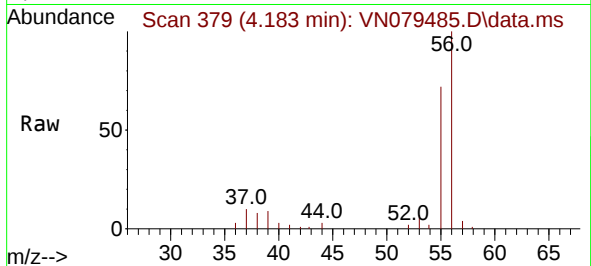
Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01



Tgt Ion: 56 Resp: 7913

Ion Ratio Lower Upper

56 100

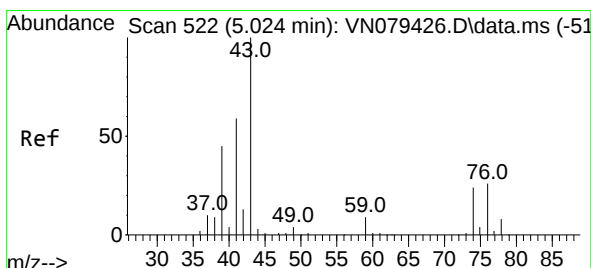
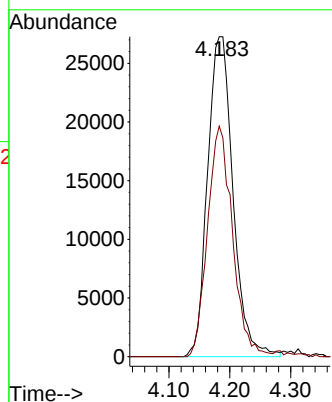
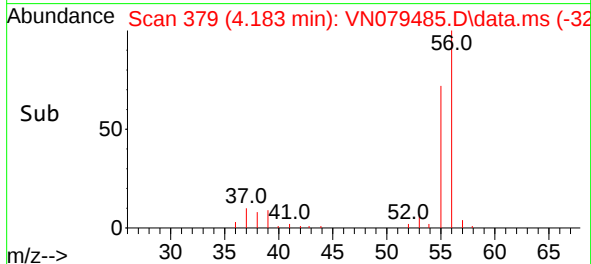
55 70.5 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#14

Allyl chloride

Concen: 18.240 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

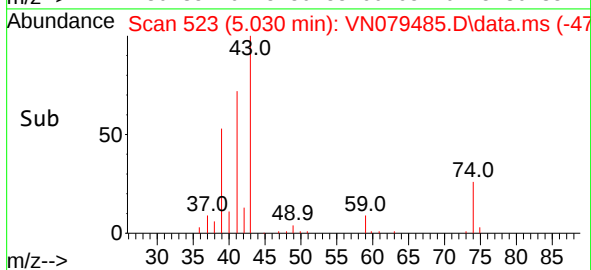
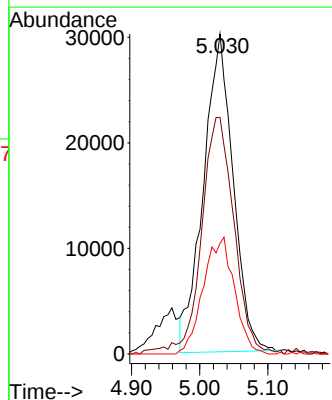
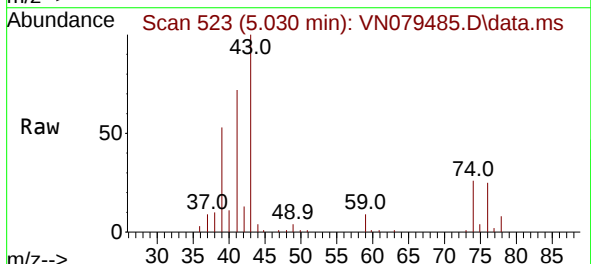
Tgt Ion: 41 Resp: 91421

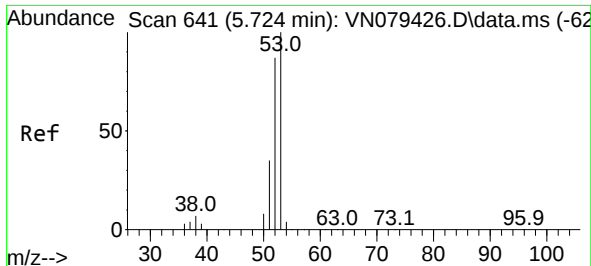
Ion Ratio Lower Upper

41 100

39 81.3 58.8 88.2

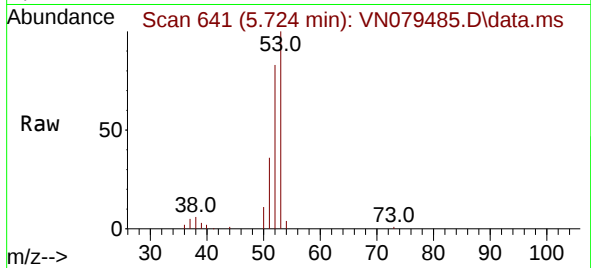
76 38.4 39.1 58.7#





#15
Acrylonitrile
Concen: 95.813 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

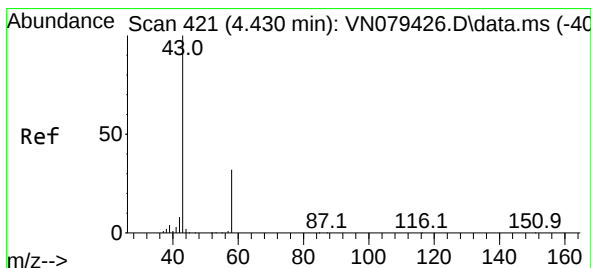
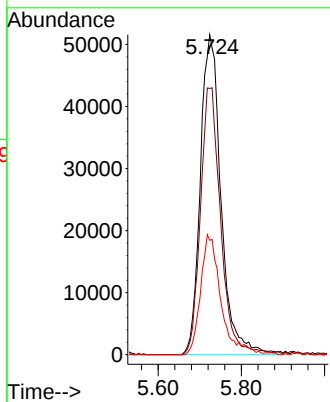
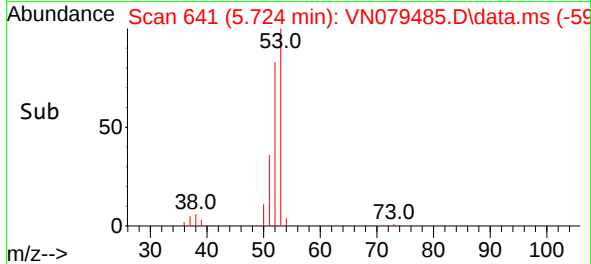
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



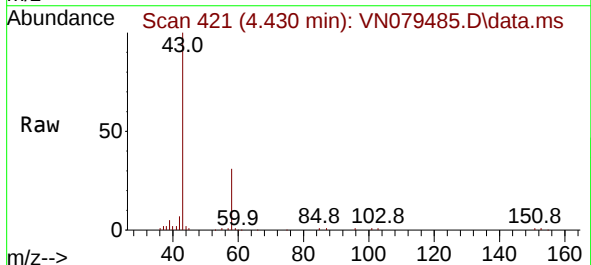
Tgt Ion: 53 Resp: 178194
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 36.6 28.9 43.3

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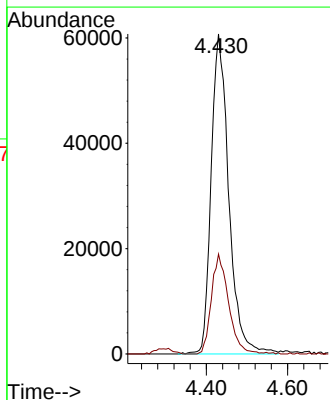
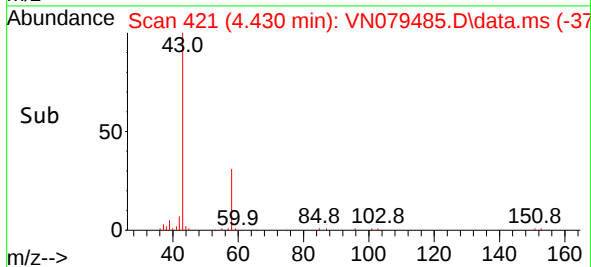
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

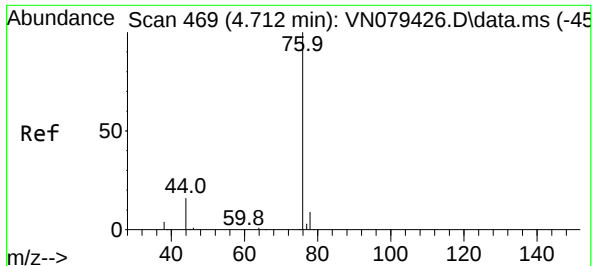


#16
Acetone
Concen: 108.072 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46



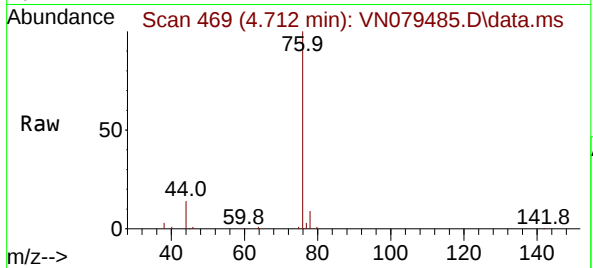
Tgt Ion: 43 Resp: 182702
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0





#17
Carbon Disulfide
Concen: 17.915 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

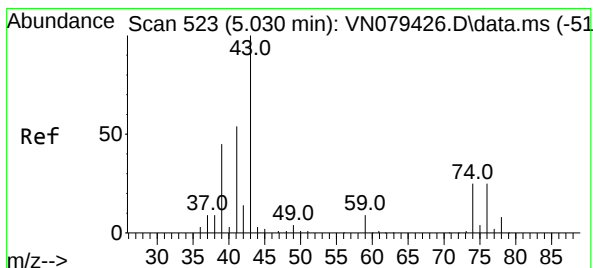
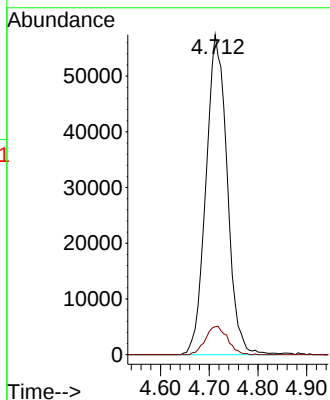
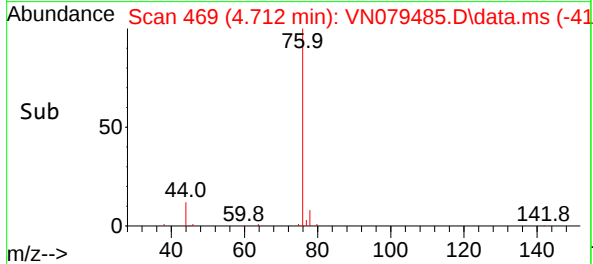
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 76 Resp: 173558
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

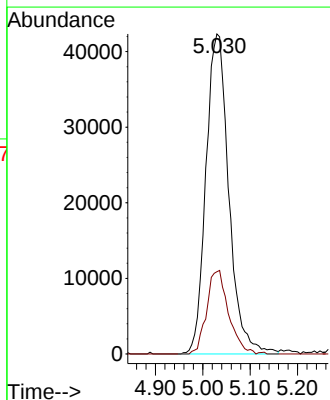
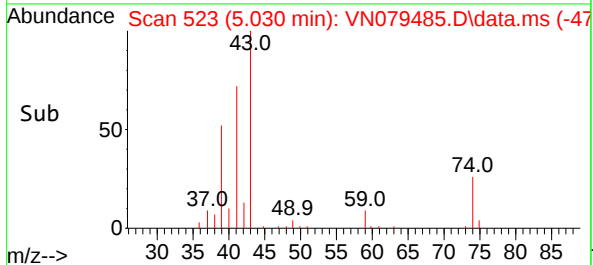
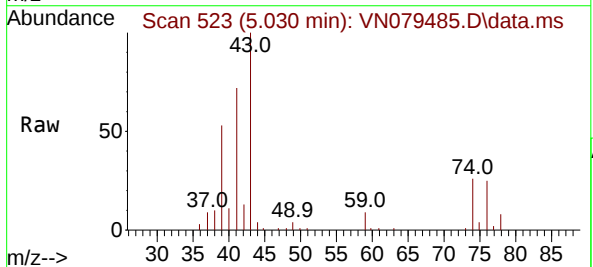
Manual Integrations
APPROVED

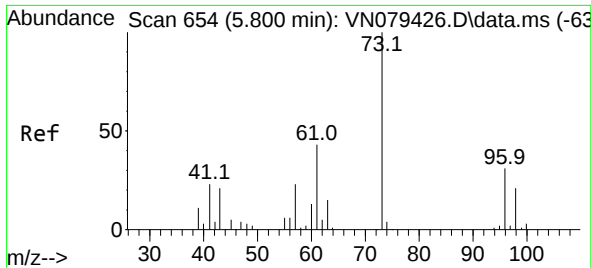
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#18
Methyl Acetate
Concen: 17.191 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 43 Resp: 142248
Ion Ratio Lower Upper
43 100
74 24.8 26.2 39.4#





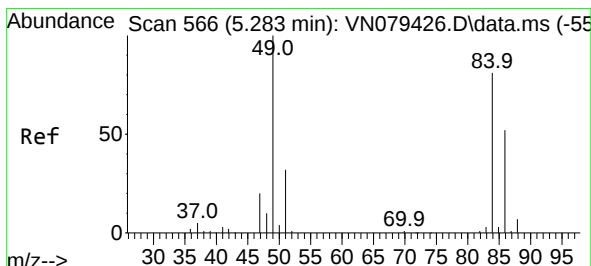
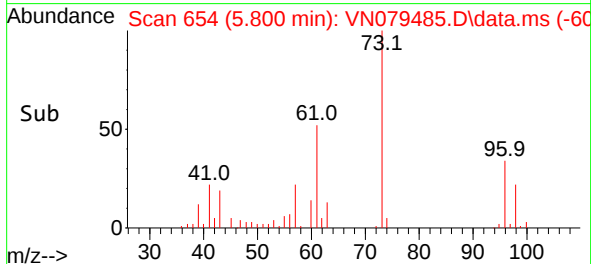
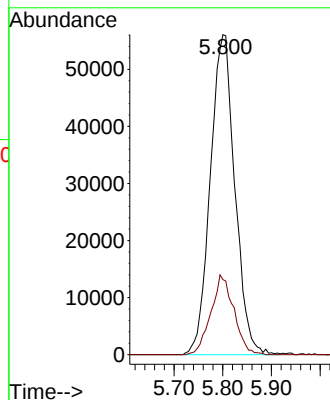
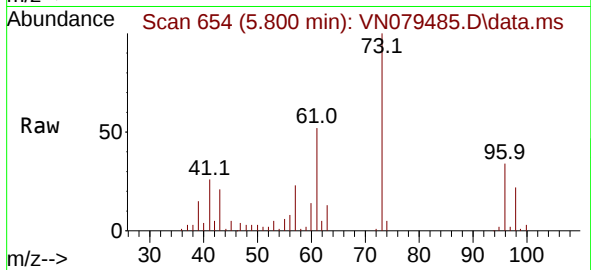
#19
Methyl tert-butyl Ether
Concen: 19.476 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion: 73 Resp: 196538
Ion Ratio Lower Upper
73 100
57 23.4 15.6 23.4

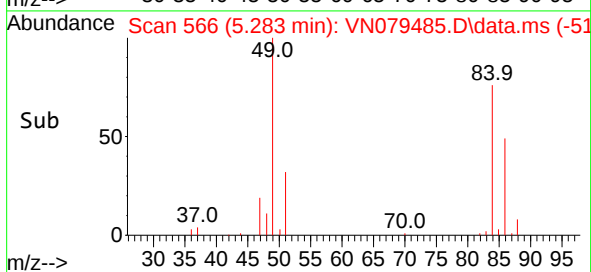
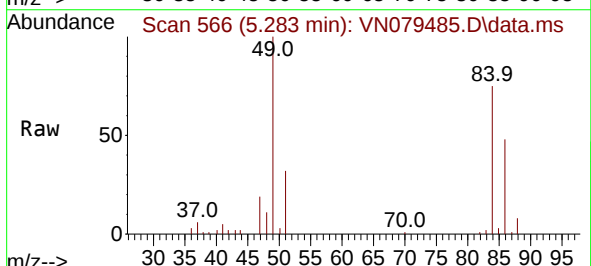
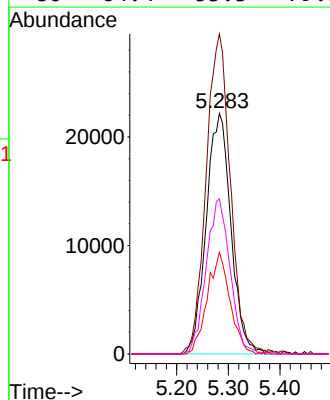
Manual Integrations
APPROVED

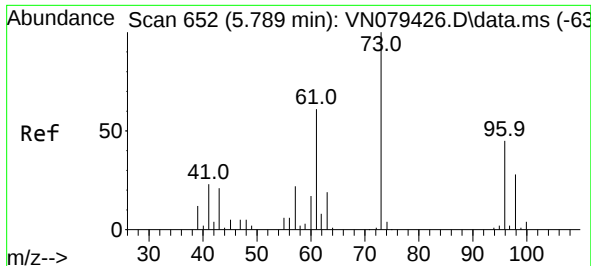
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#20
Methylene Chloride
Concen: 19.600 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

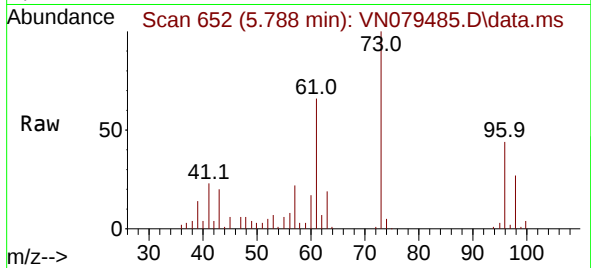
Tgt Ion: 84 Resp: 73915
Ion Ratio Lower Upper
84 100
49 133.0 79.7 119.5#
51 42.2 25.2 37.8#
86 64.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.813 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

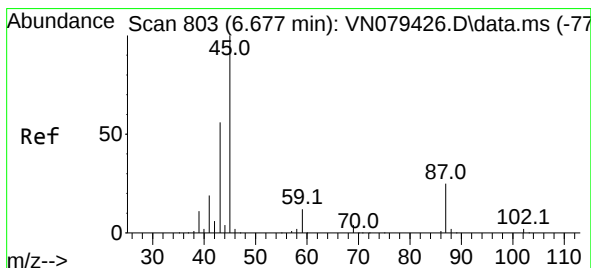
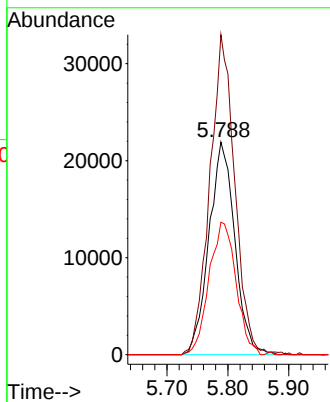
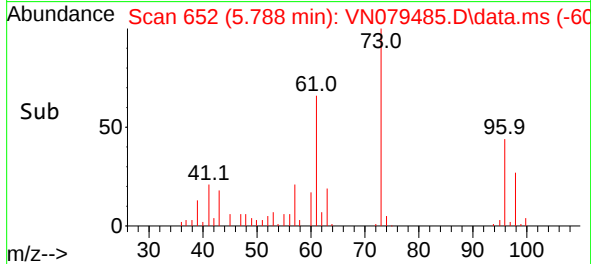
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



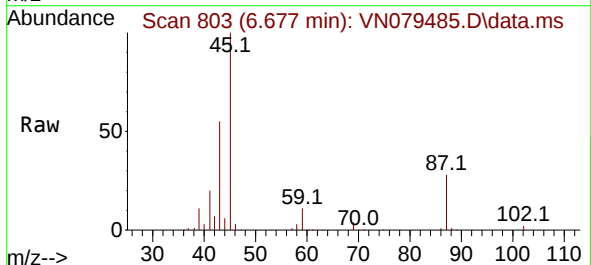
Tgt Ion: 96 Resp: 64610
Ion Ratio Lower Upper
96 100
61 150.5 90.1 135.1#
98 62.3 46.4 69.6

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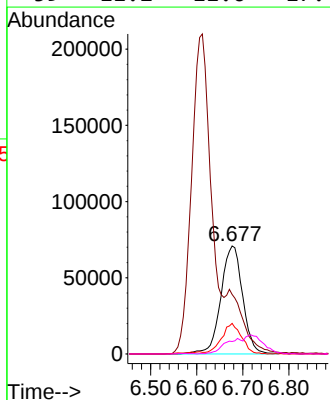
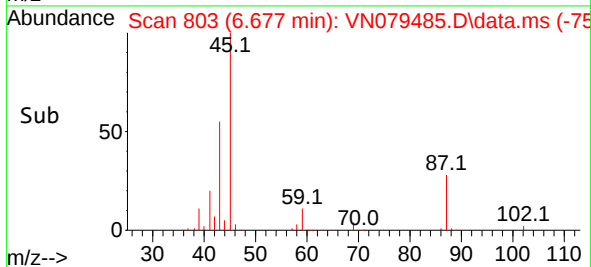
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

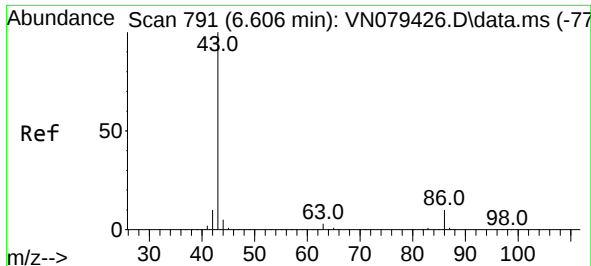


#22
Diisopropyl ether
Concen: 20.631 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46



Tgt Ion: 45 Resp: 231872
Ion Ratio Lower Upper
45 100
43 53.4 45.5 68.3
87 28.2 31.8 47.8#
59 11.2 11.6 17.4#





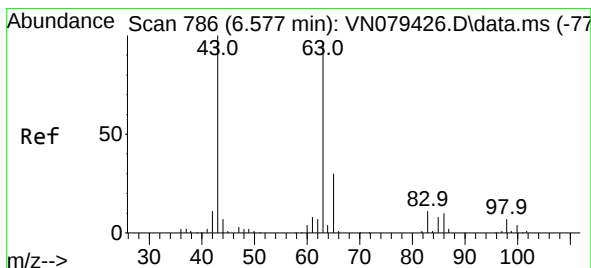
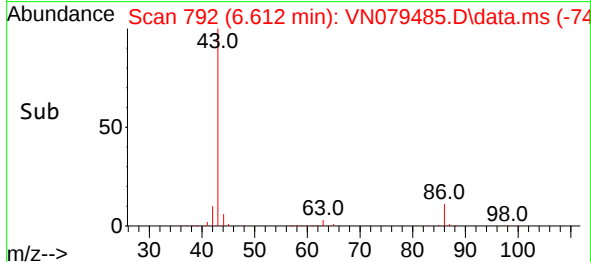
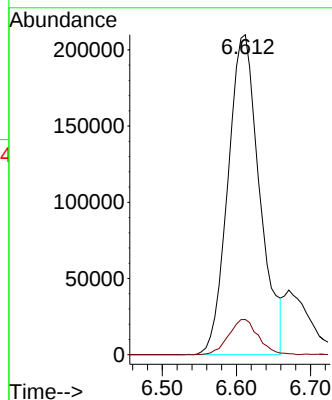
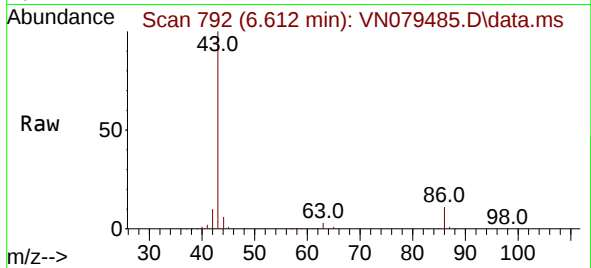
#23
 Vinyl Acetate
 Concen: 98.392 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079485.D
 Acq: 10 Oct 2023 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

Tgt Ion: 43 Resp: 622018
 Ion Ratio Lower Upper
 43 100
 86 11.0 13.0 19.6

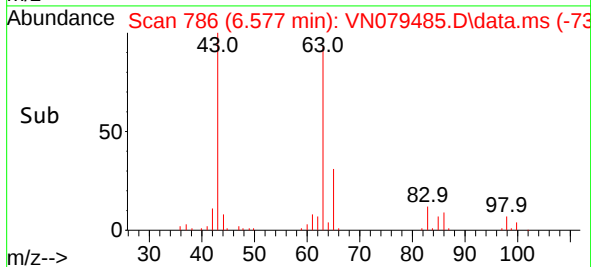
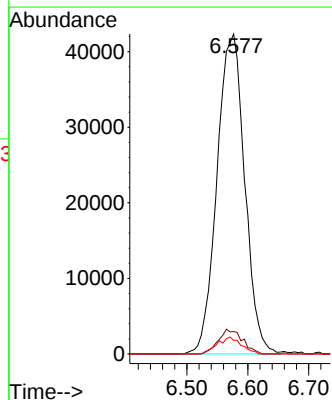
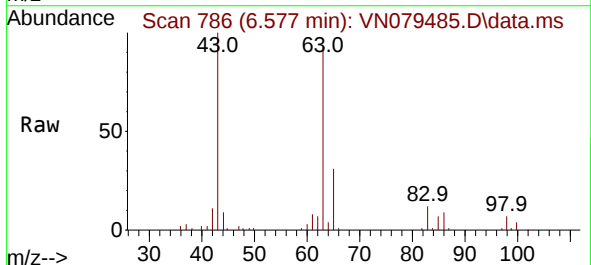
Manual Integrations
 APPROVED

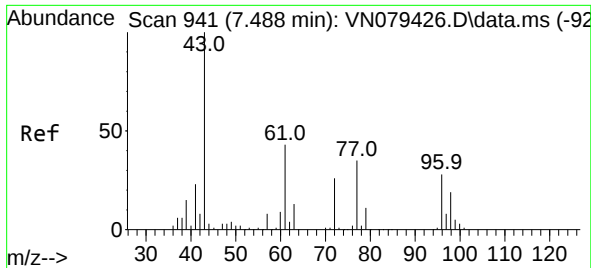
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023



#24
 1,1-Dichloroethane
 Concen: 19.447 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079485.D
 Acq: 10 Oct 2023 11:46

Tgt Ion: 63 Resp: 133762
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.3 2.5 7.4





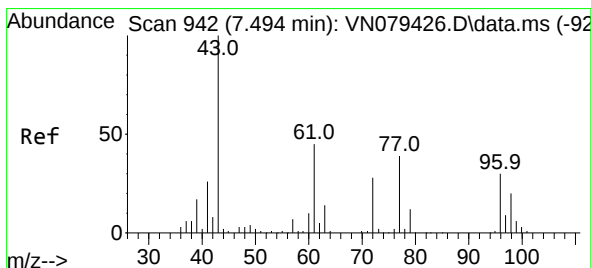
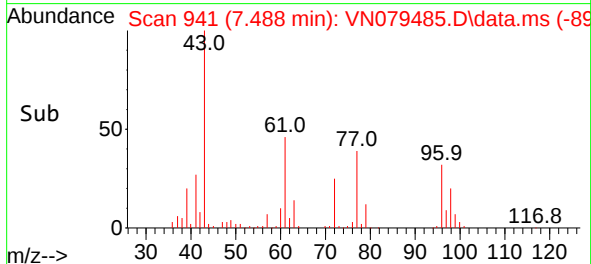
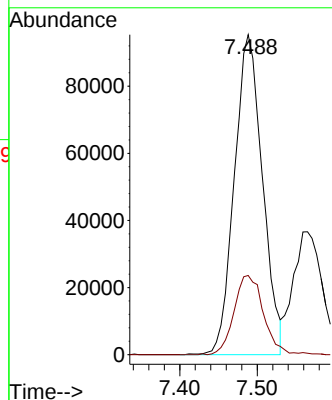
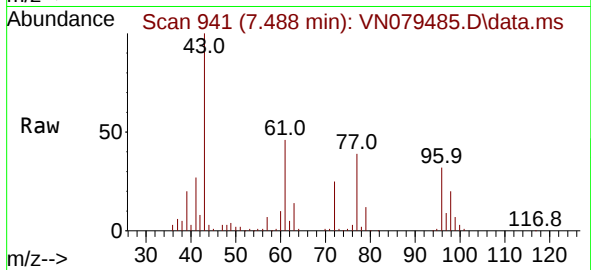
#25
2-Butanone
Concen: 95.927 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion: 43 Resp: 240693
Ion Ratio Lower Upper
43 100
72 24.7 30.2 45.2

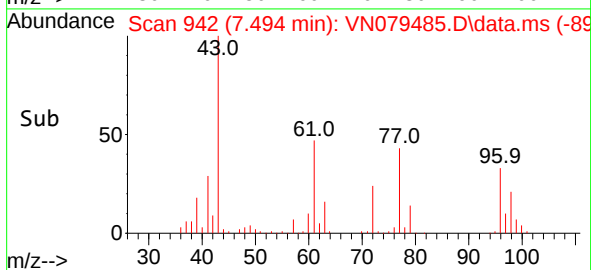
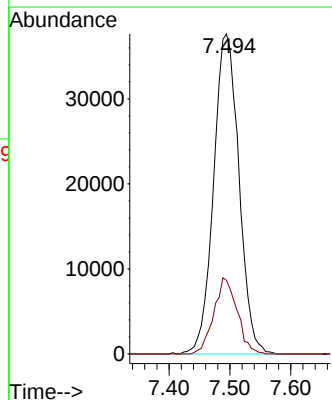
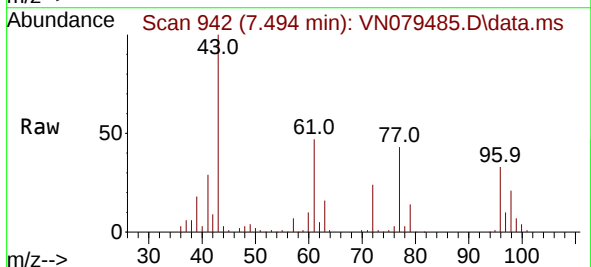
Manual Integrations
APPROVED

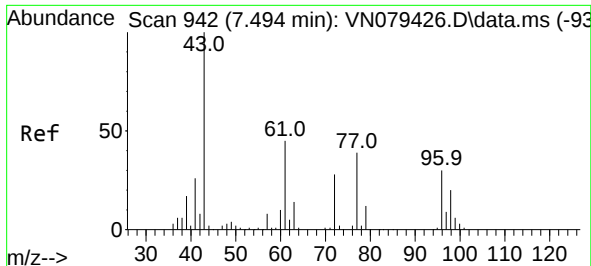
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#26
2,2-Dichloropropane
Concen: 20.695 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

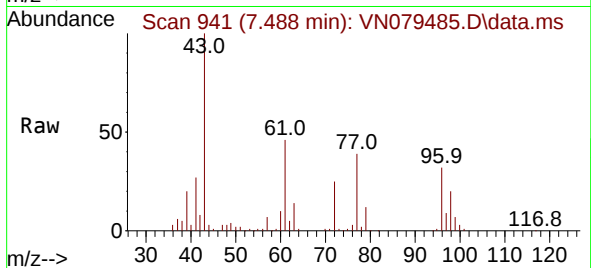
Tgt Ion: 77 Resp: 108783
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.579 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079485.D
 Acq: 10 Oct 2023 11:46

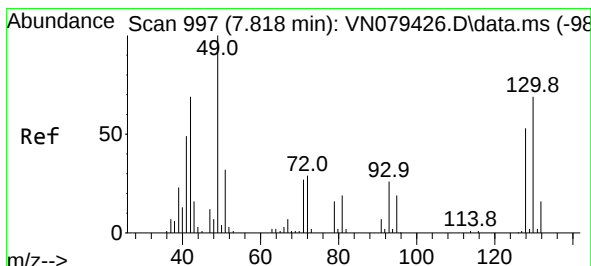
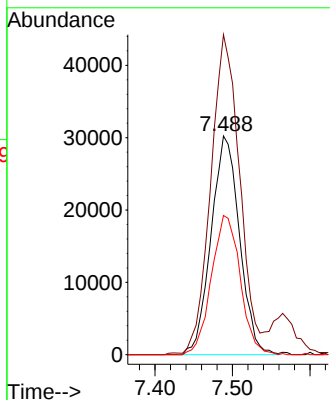
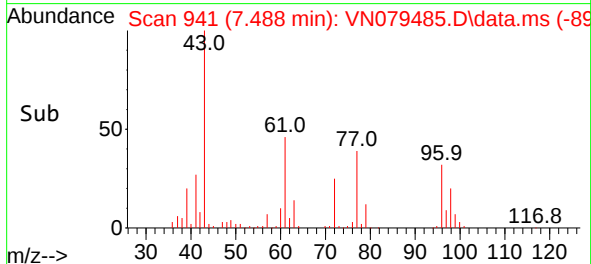
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01



Tgt Ion: 96 Resp: 77150
 Ion Ratio Lower Upper
 96 100
 61 149.8 0.0 255.2
 98 64.5 0.0 128.8

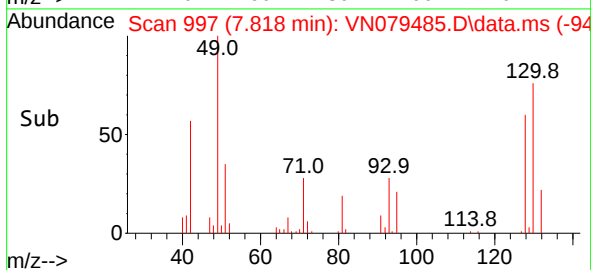
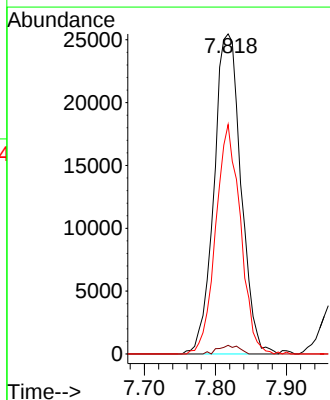
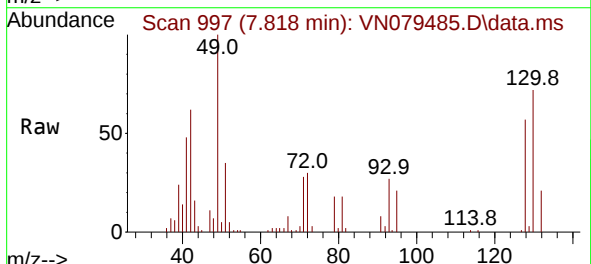
Manual Integrations
 APPROVED

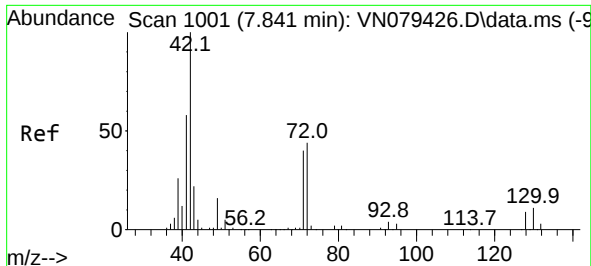
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023



#28
 Bromochloromethane
 Concen: 20.523 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079485.D
 Acq: 10 Oct 2023 11:46

Tgt Ion: 49 Resp: 67166
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 65.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 93.257 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079485.D

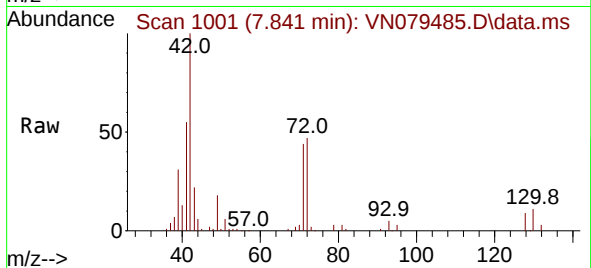
Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01



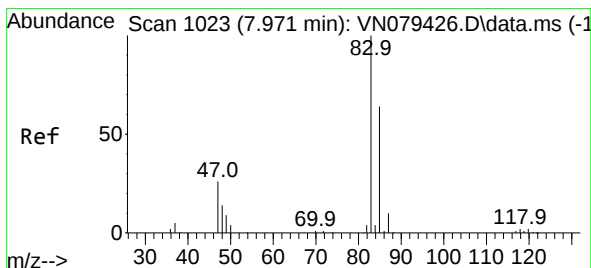
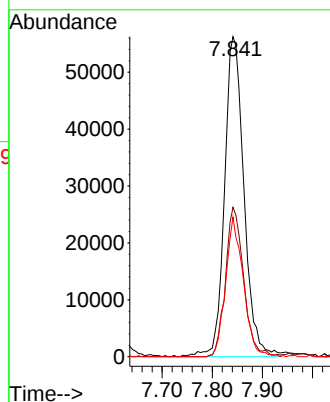
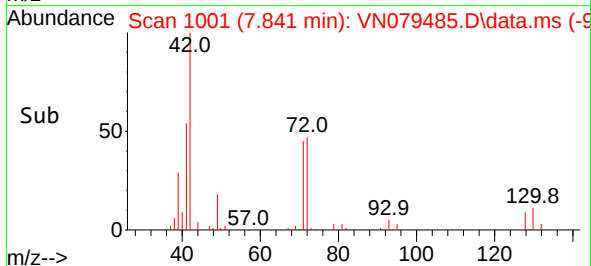
Tgt Ion:	42	Resp:	15133
Ion Ratio	Lower	Upper	
42	100		
72	43.7	49.8	74.6
71	39.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#30

Chloroform

Concen: 19.374 ug/l

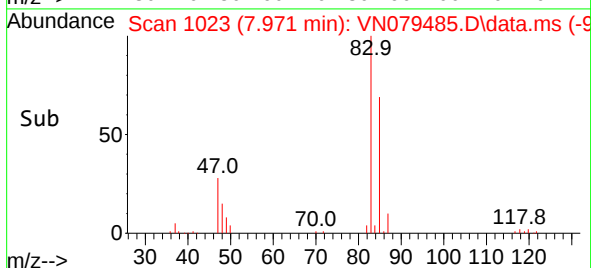
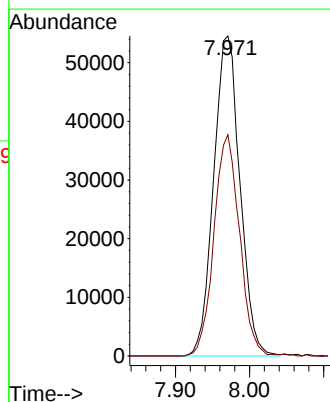
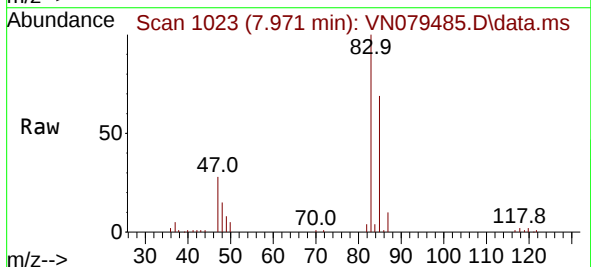
RT: 7.971 min Scan# 1023

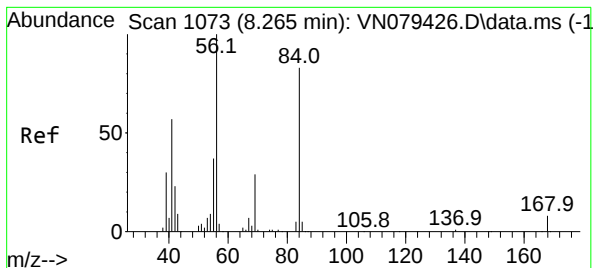
Delta R.T. -0.000 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Tgt Ion:	83	Resp:	134646
Ion Ratio	Lower	Upper	
83	100		
85	69.2	55.4	83.0





#31

Cyclohexane

Concen: 18.847 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

Tgt Ion: 56 Resp: 113948

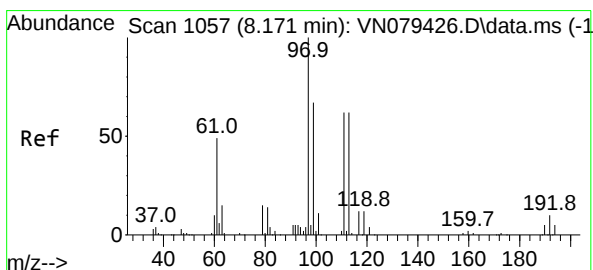
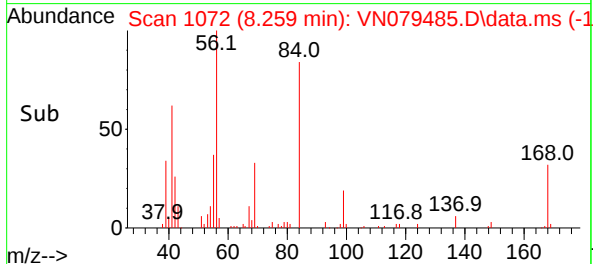
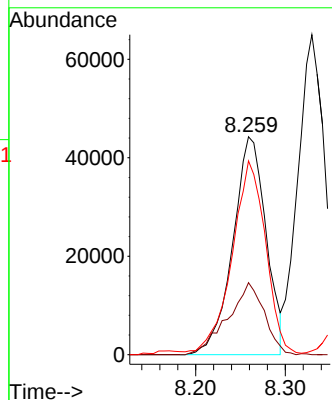
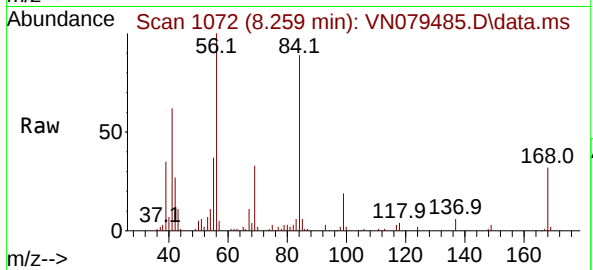
Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.8	40.2
84	87.5	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#32

1,1,1-Trichloroethane

Concen: 19.812 ug/l

RT: 8.177 min Scan# 1058

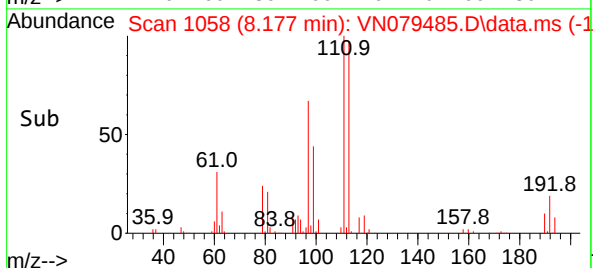
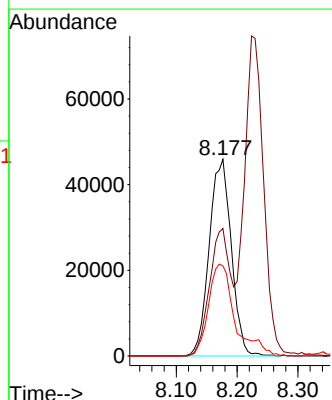
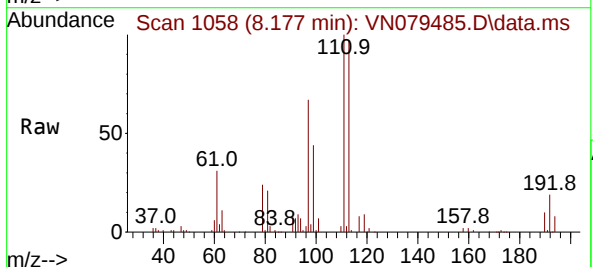
Delta R.T. 0.006 min

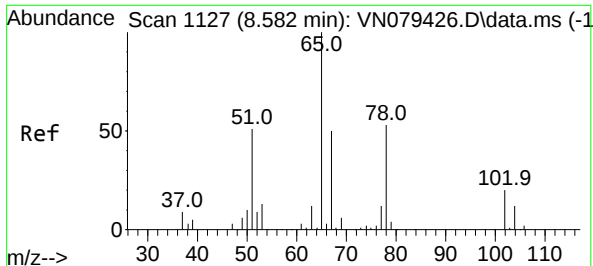
Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Tgt Ion: 97 Resp: 115870

Ion	Ratio	Lower	Upper
97	100		
99	60.7	50.3	75.5
61	55.8	34.7	52.1





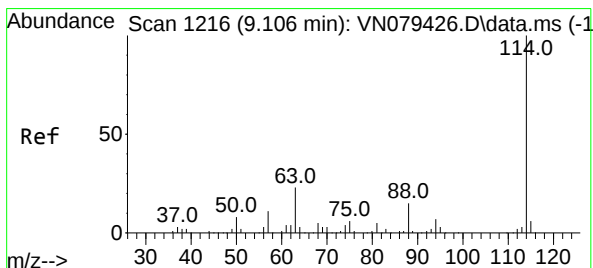
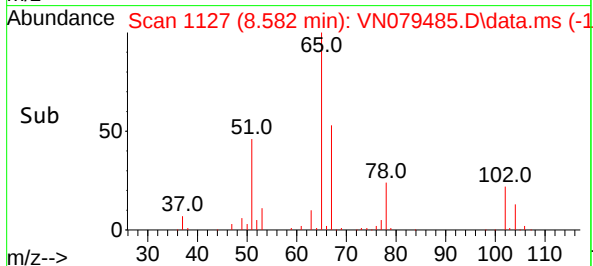
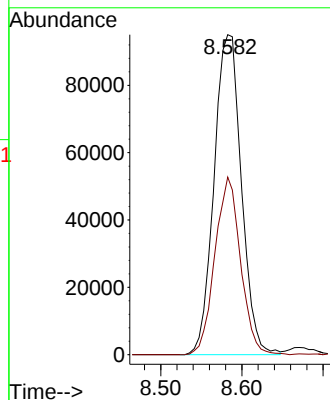
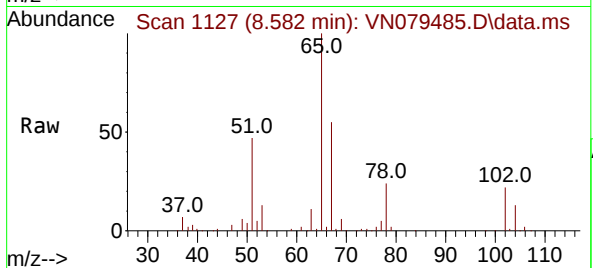
#33
1,2-Dichloroethane-d4
Concen: 52.198 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion: 65 Resp: 222480
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6

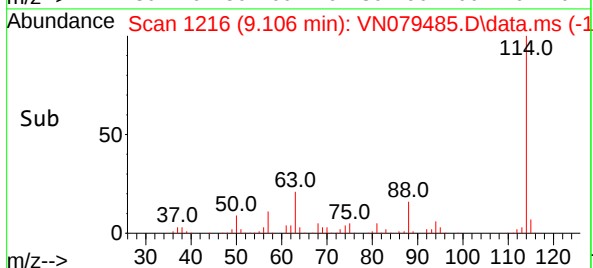
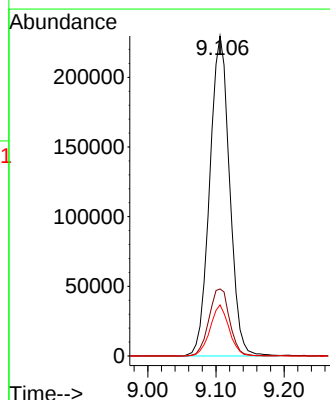
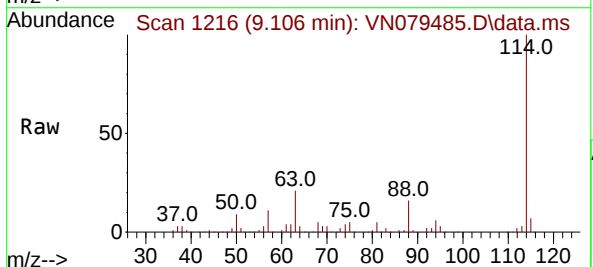
Manual Integrations
APPROVED

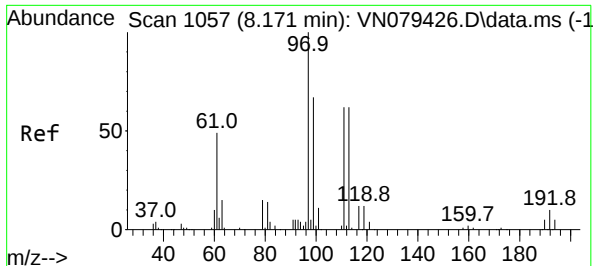
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Tgt Ion:114 Resp: 466301
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.799 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

Tgt Ion:113 Resp: 173580

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

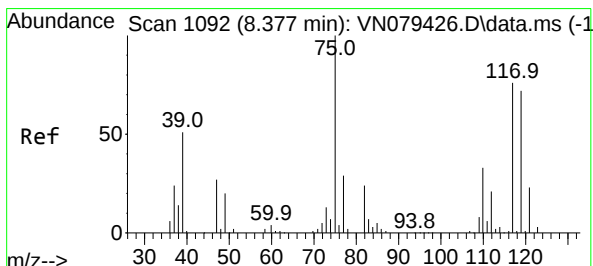
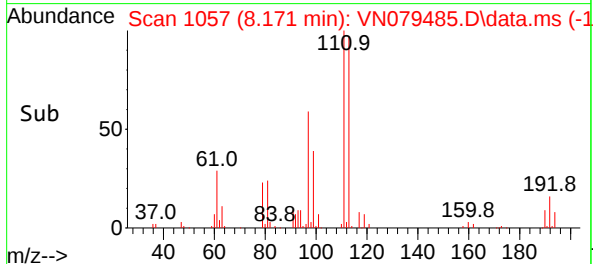
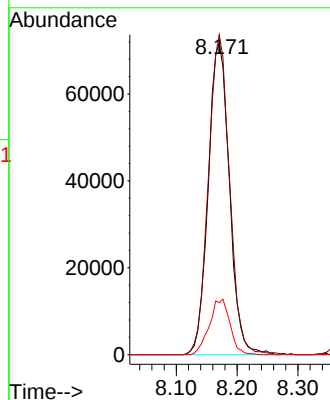
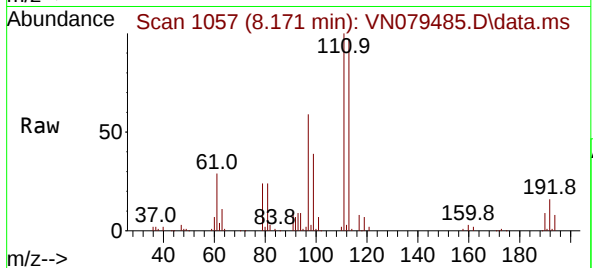
192 17.3 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#36

1,1-Dichloropropene

Concen: 19.483 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

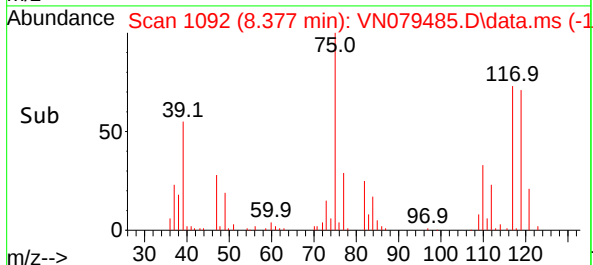
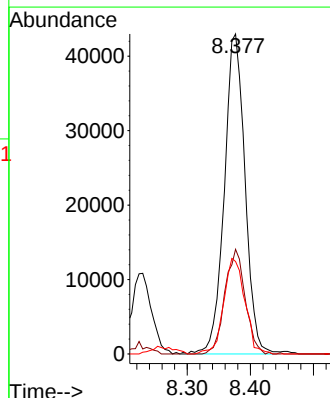
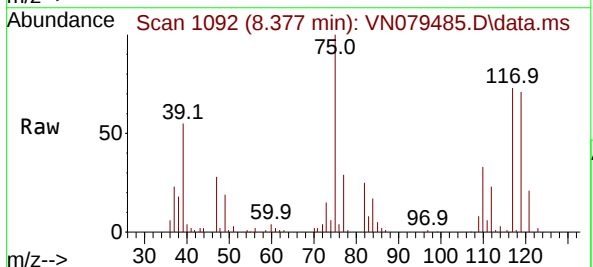
Tgt Ion: 75 Resp: 97987

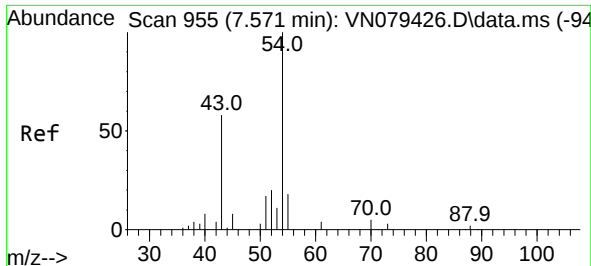
Ion Ratio Lower Upper

75 100

110 32.1 19.1 57.3

77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 19.587 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

Tgt Ion: 43 Resp: 98020

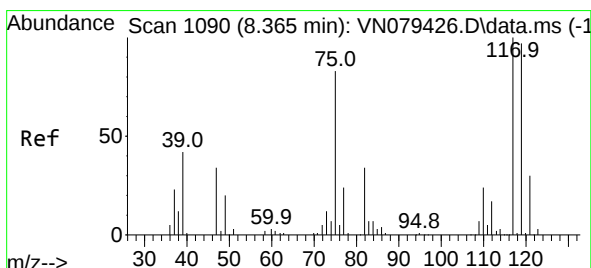
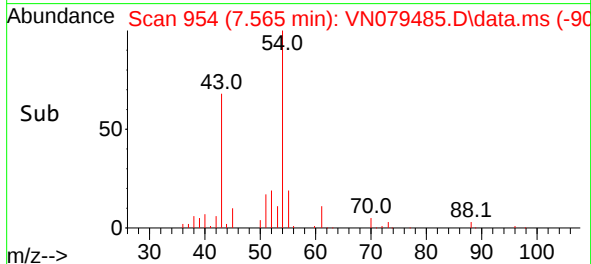
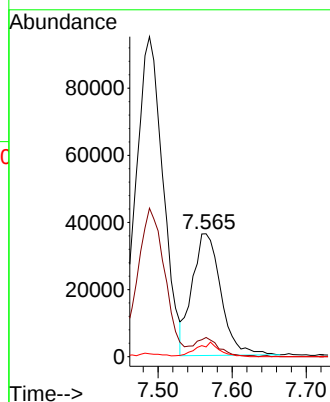
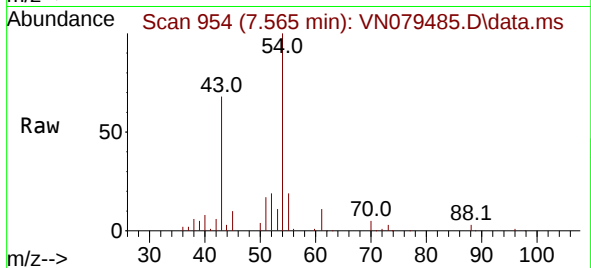
Ion	Ratio	Lower	Upper
43	100		
61	13.0	13.2	19.8
70	9.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#38

Carbon Tetrachloride

Concen: 19.251 ug/l

RT: 8.365 min Scan# 1090

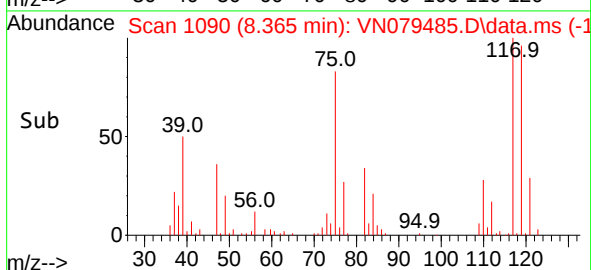
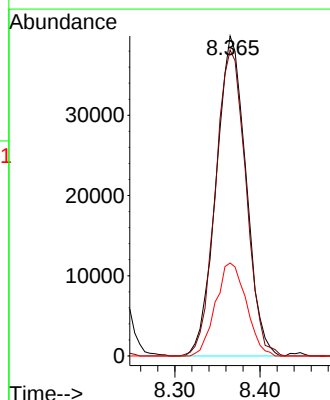
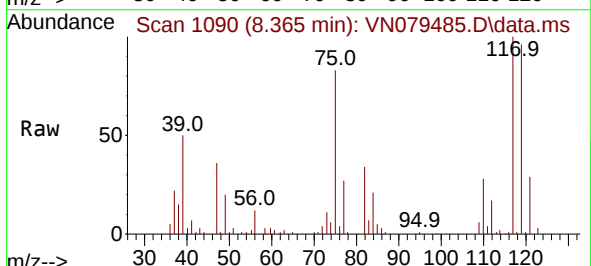
Delta R.T. -0.000 min

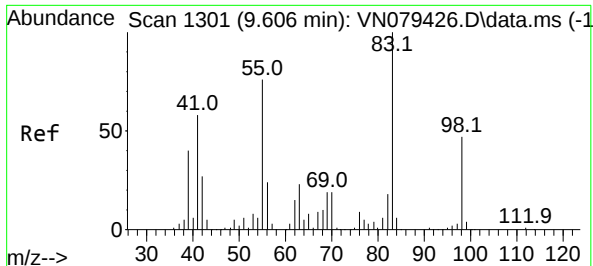
Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Tgt Ion:117 Resp: 96929

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.3	115.9
121	29.1	23.3	34.9





#39

Methylcyclohexane

Concen: 20.012 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

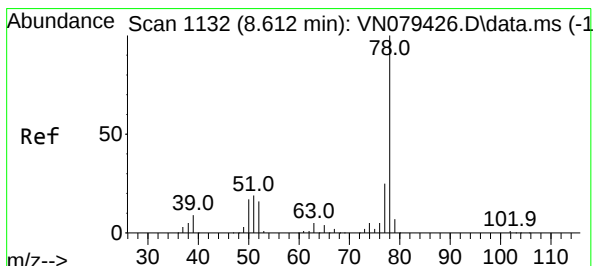
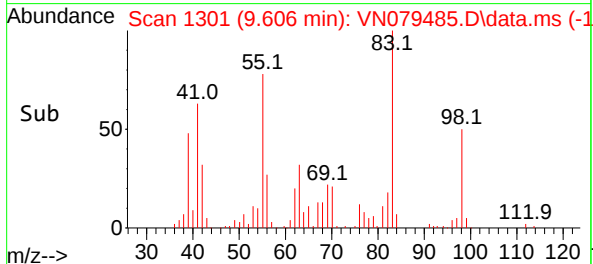
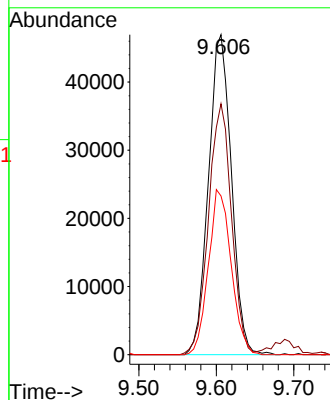
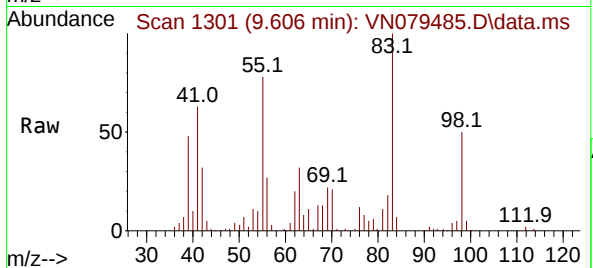
Tgt Ion: 83	Resp: 9669
Ion Ratio	Lower Upper
83	100
55	78.4 49.1 73.7
98	49.6 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#40

Benzene

Concen: 20.175 ug/l

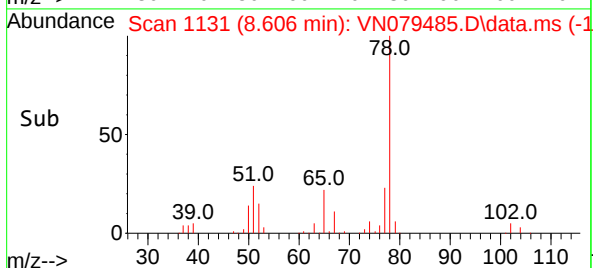
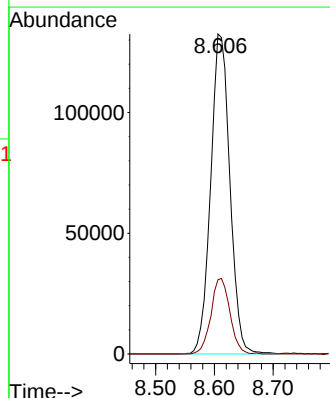
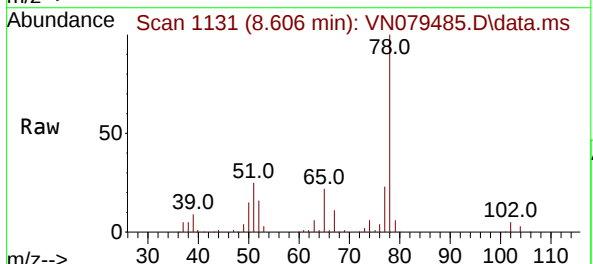
RT: 8.606 min Scan# 1131

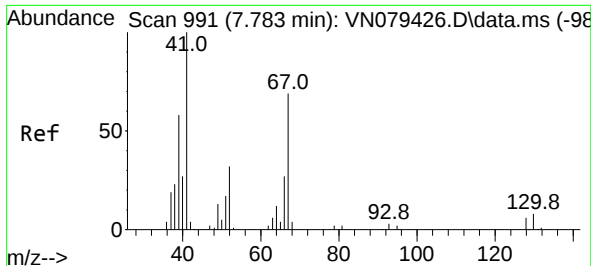
Delta R.T. -0.006 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

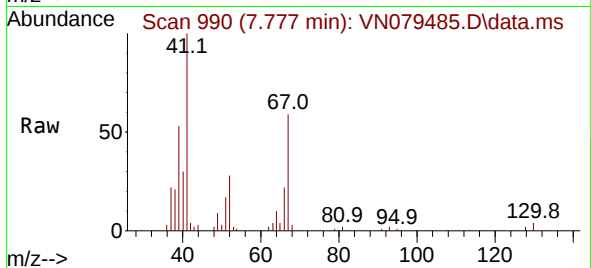
Tgt Ion: 78	Resp: 301348
Ion Ratio	Lower Upper
78	100
77	23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 19.749 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

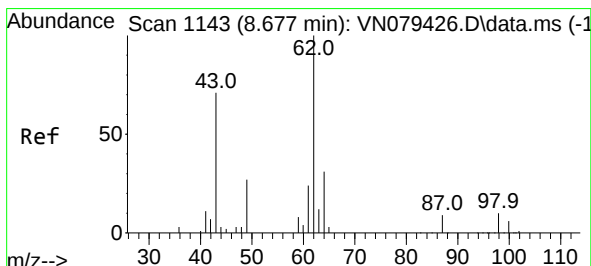
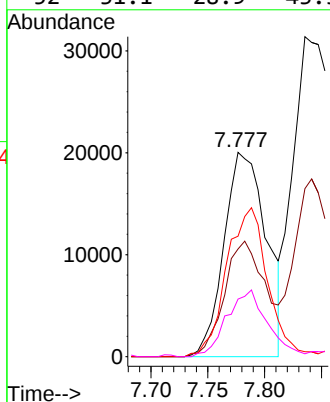
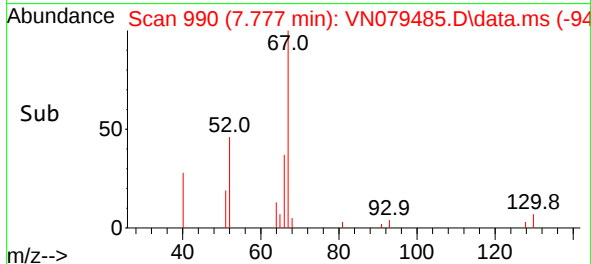
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 41 Resp: 5195
Ion Ratio Lower Upper
41 100
39 55.3 42.6 64.0
67 71.3 77.5 116.3
52 31.1 28.9 43.3

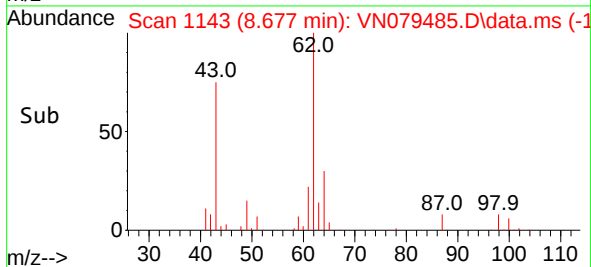
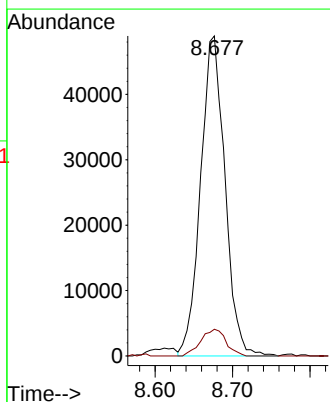
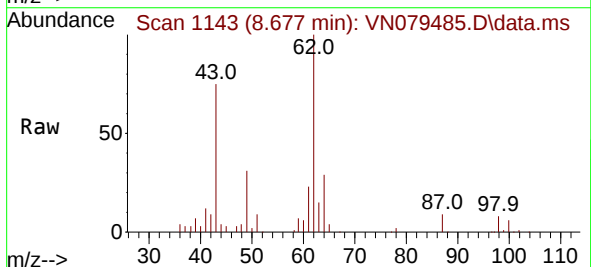
Manual Integrations
APPROVED

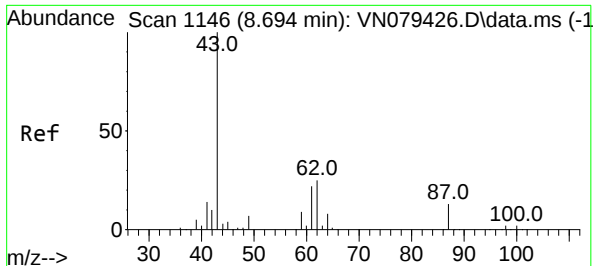
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#42
1,2-Dichloroethane
Concen: 19.669 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

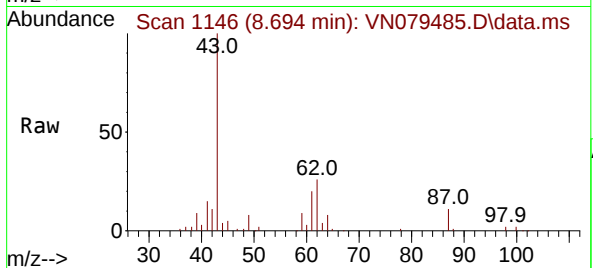
Tgt Ion: 62 Resp: 106753
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.854 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

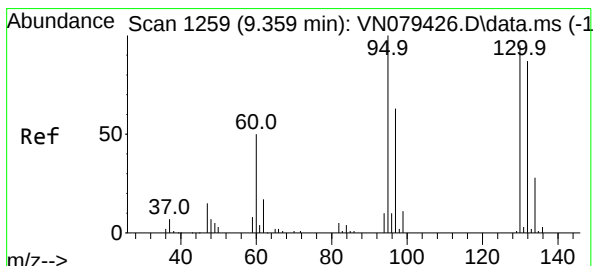
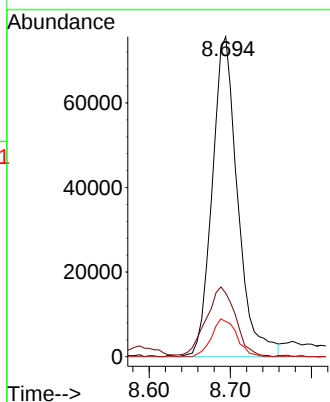
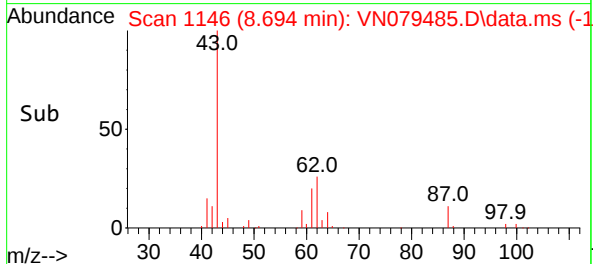
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



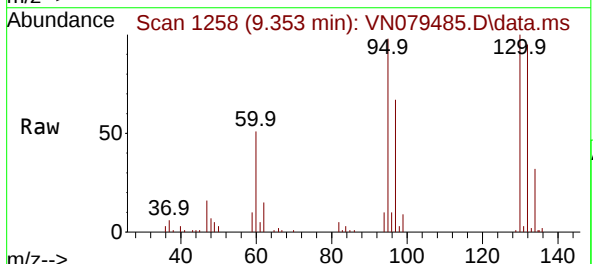
Tgt Ion: 43 Resp: 165300
Ion Ratio Lower Upper
43 100
61 25.2 24.7 37.1
87 11.6 14.6 21.8

Manual Integrations
APPROVED

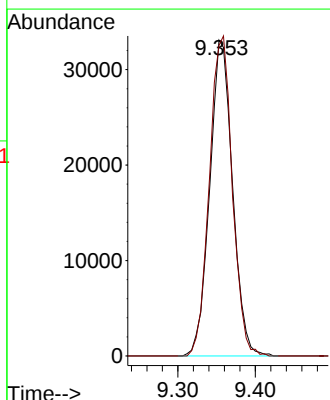
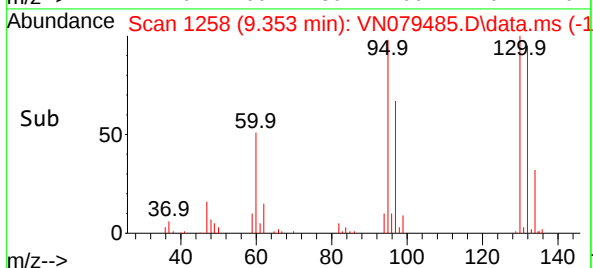
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

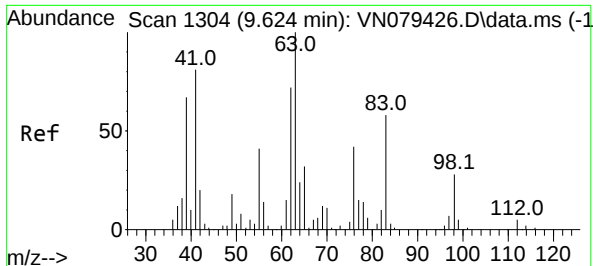


#44
Trichloroethene
Concen: 19.264 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46



Tgt Ion:130 Resp: 67723
Ion Ratio Lower Upper
130 100
95 98.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.841 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

Tgt Ion: 63 Resp: 7808

Ion Ratio Lower Upper

63 100

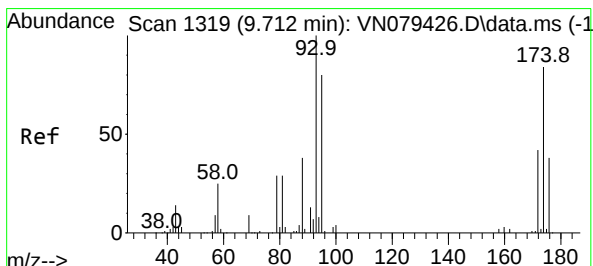
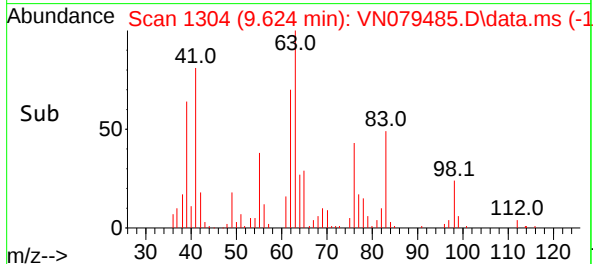
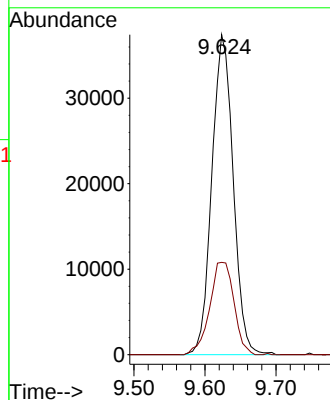
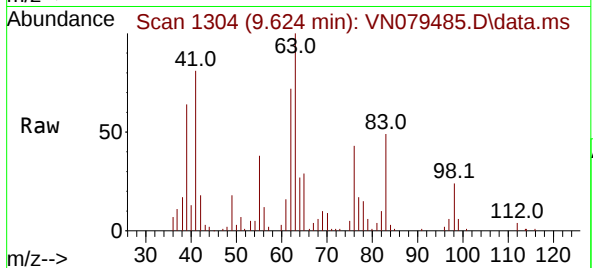
65 28.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#46

Dibromomethane

Concen: 20.563 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

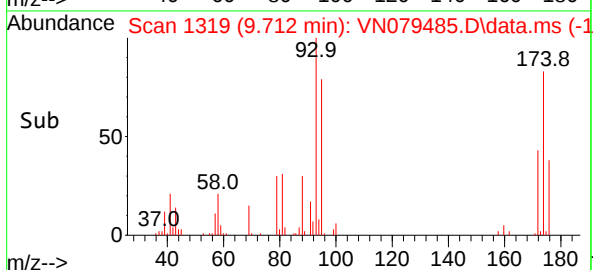
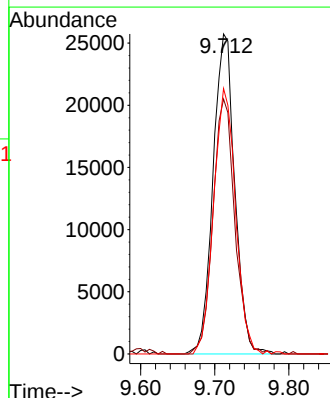
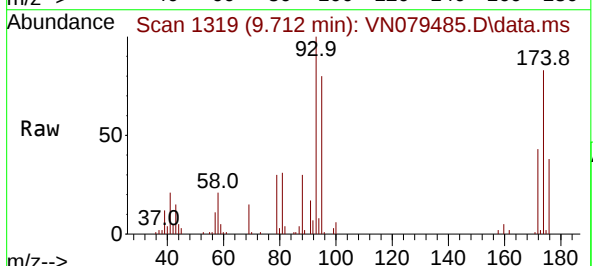
Tgt Ion: 93 Resp: 52412

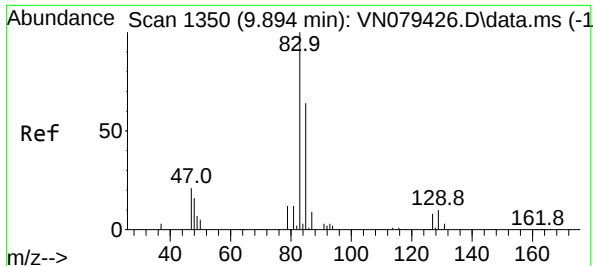
Ion Ratio Lower Upper

93 100

95 80.2 63.8 95.8

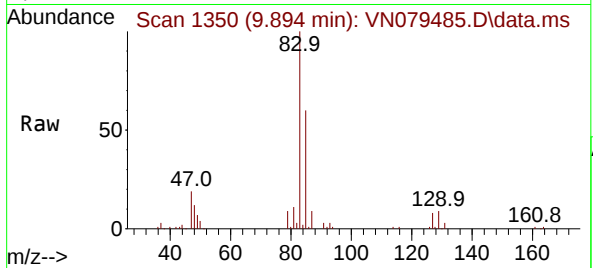
174 83.9 65.6 98.4





#47
Bromodichloromethane
Concen: 20.490 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

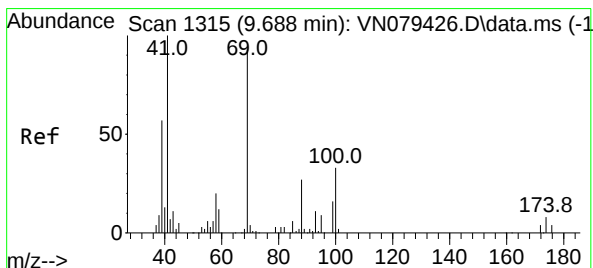
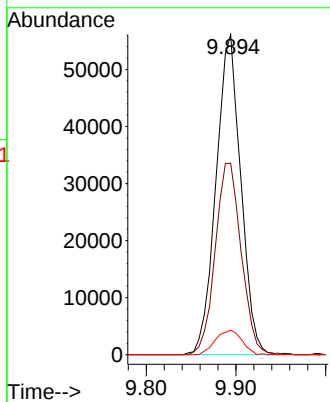
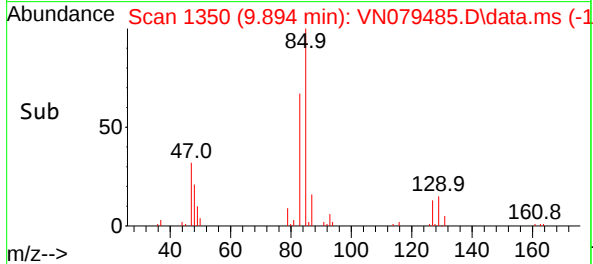
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 83 Resp: 10742
Ion Ratio Lower Upper
83 100
85 59.9 49.6 74.4
127 7.6 7.0 10.6

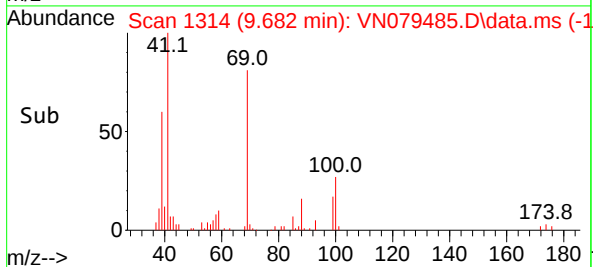
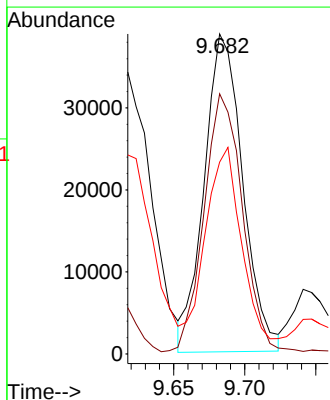
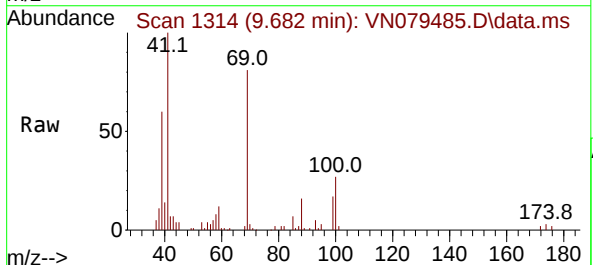
Manual Integrations
APPROVED

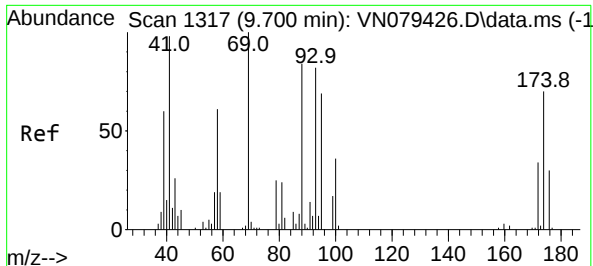
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#48
Methyl methacrylate
Concen: 19.495 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 41 Resp: 73242
Ion Ratio Lower Upper
41 100
69 81.2 90.4 135.6#
39 63.3 54.6 81.8





#49

1,4-Dioxane

Concen: 387.120 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

Tgt Ion: 88 Resp: 26790

Ion Ratio Lower Upper

88 100

43 28.3 17.0 25.6

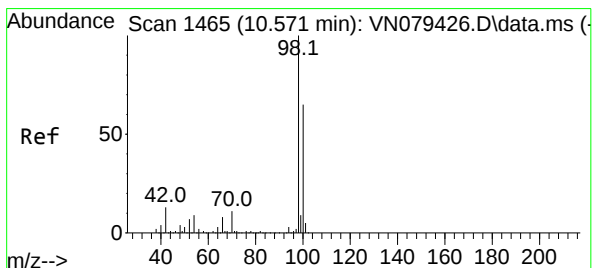
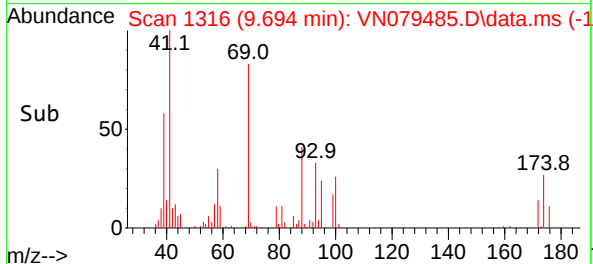
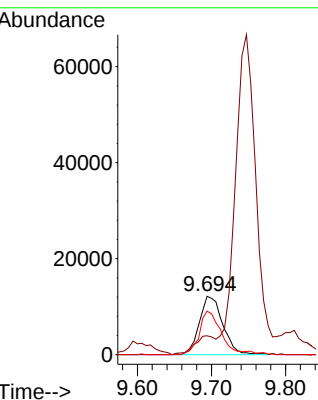
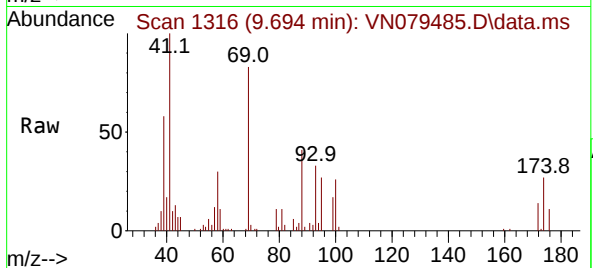
58 71.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#50

Toluene-d8

Concen: 53.578 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079485.D

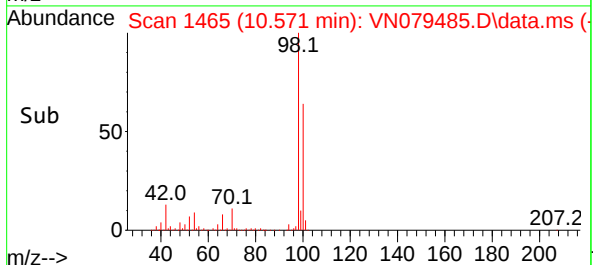
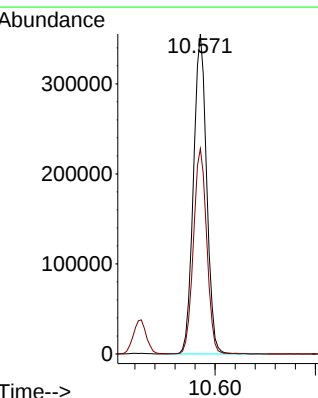
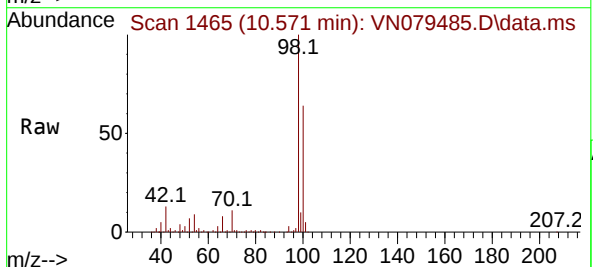
Acq: 10 Oct 2023 11:46

Tgt Ion: 98 Resp: 649633

Ion Ratio Lower Upper

98 100

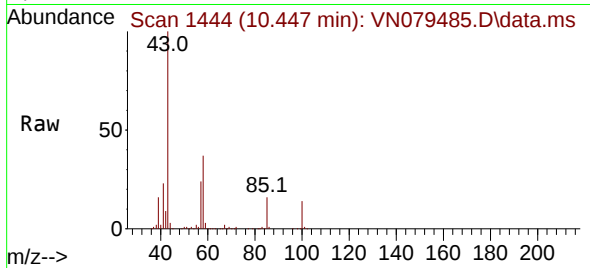
100 64.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 97.067 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

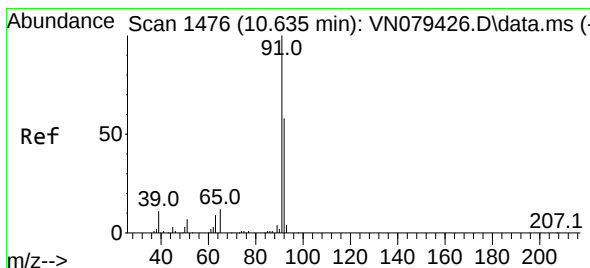
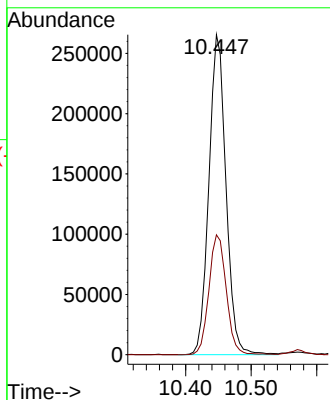
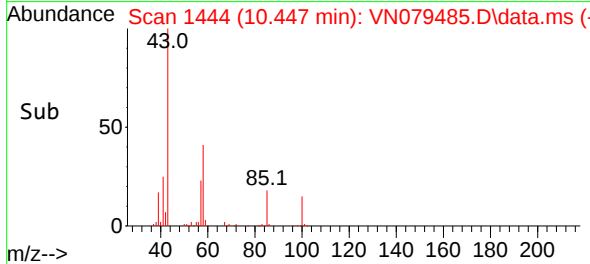
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



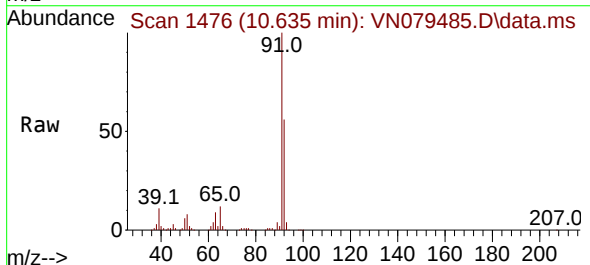
Tgt Ion: 43 Resp: 480411
Ion Ratio Lower Upper
43 100
58 38.1 36.6 54.8

Manual Integrations
APPROVED

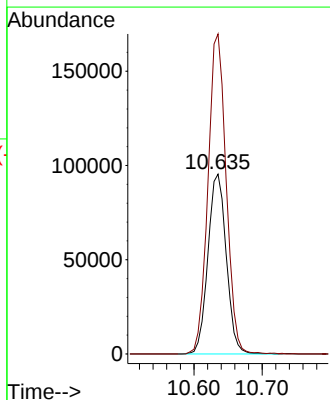
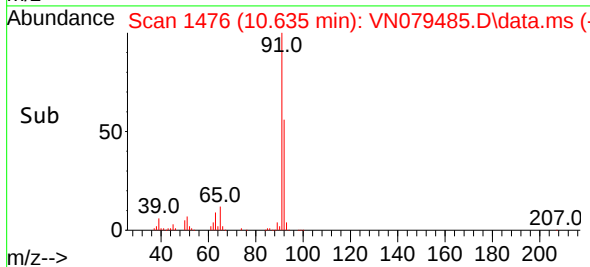
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

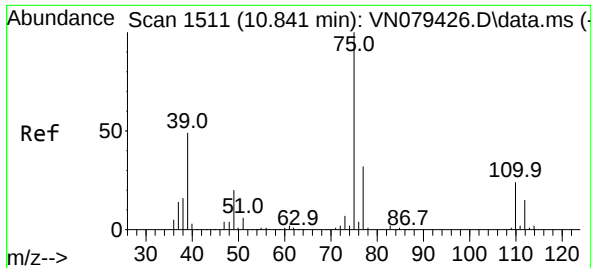


#52
Toluene
Concen: 20.332 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46



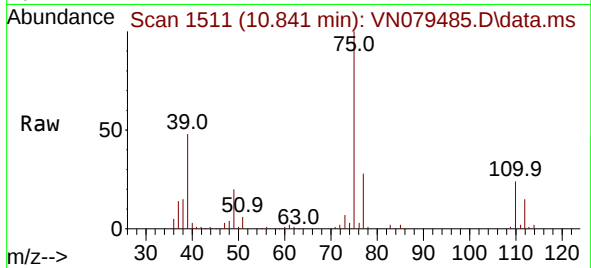
Tgt Ion: 92 Resp: 178761
Ion Ratio Lower Upper
92 100
91 176.3 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 20.366 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079485.D
 Acq: 10 Oct 2023 11:46

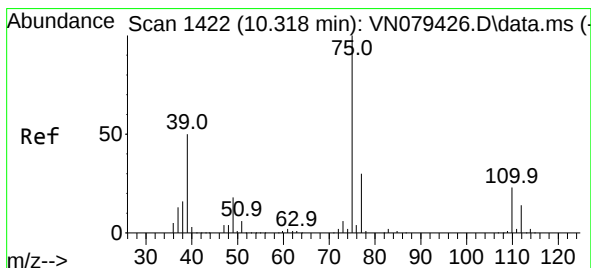
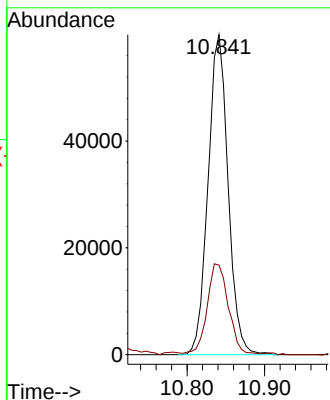
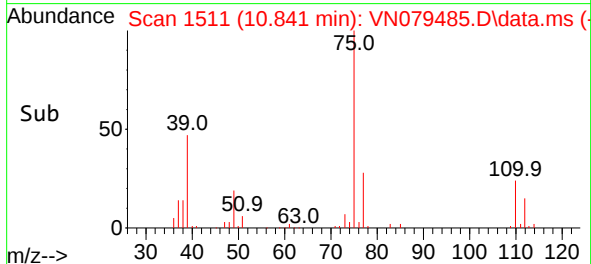
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01



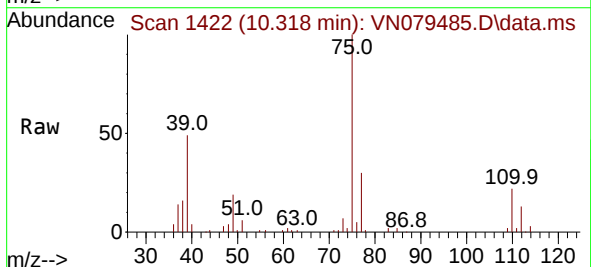
Tgt Ion: 75 Resp: 107600
 Ion Ratio Lower Upper
 75 100
 77 28.0 25.4 38.0

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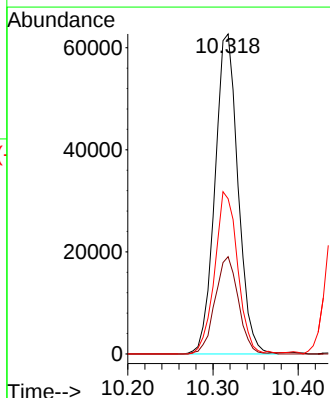
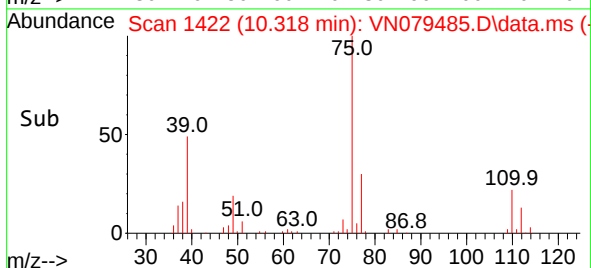
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023

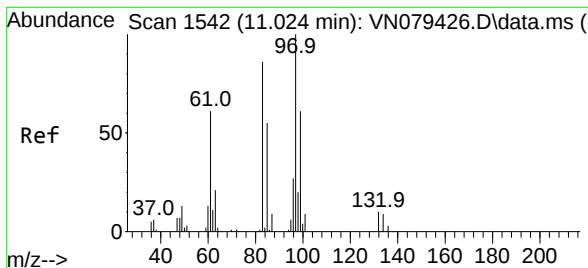


#54
 cis-1,3-Dichloropropene
 Concen: 20.425 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079485.D
 Acq: 10 Oct 2023 11:46



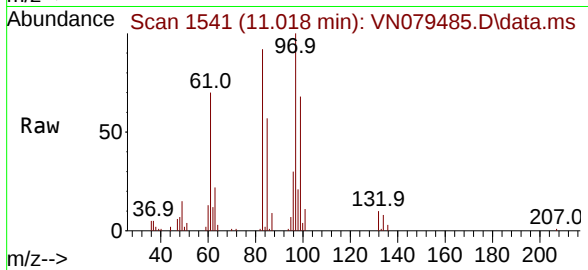
Tgt Ion: 75 Resp: 118137
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.1 39.1
 39 48.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.463 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

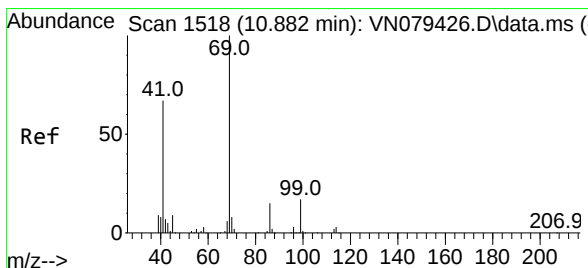
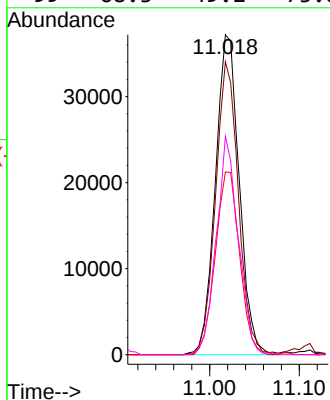
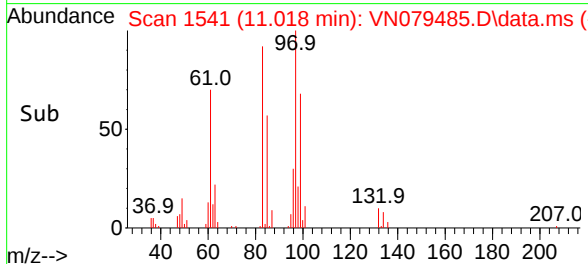
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



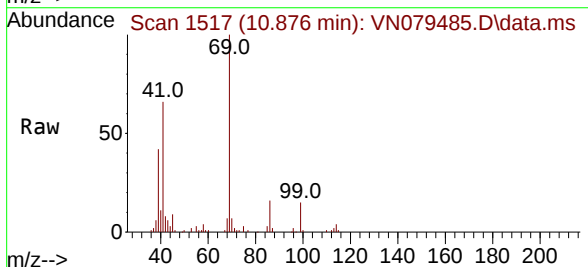
Tgt Ion:	97	Resp:	68700
Ion	Ratio	Lower	Upper
97	100		
83	91.6	65.1	97.7
85	57.1	43.4	65.2
99	68.3	49.2	73.8

Manual Integrations
APPROVED

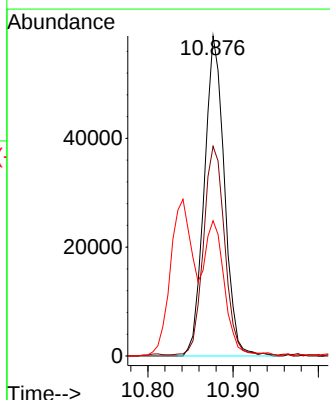
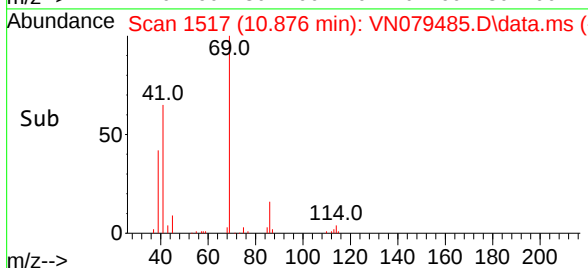
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#56
Ethyl methacrylate
Concen: 19.916 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46



Tgt Ion:	69	Resp:	96601
Ion	Ratio	Lower	Upper
69	100		
41	68.5	39.6	59.4#
39	43.1	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 20.655 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

Tgt Ion: 76 Resp: 125890

Ion Ratio Lower Upper

76 100

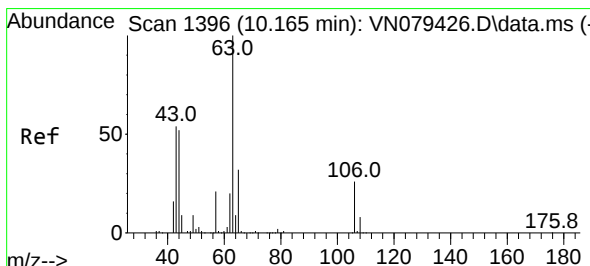
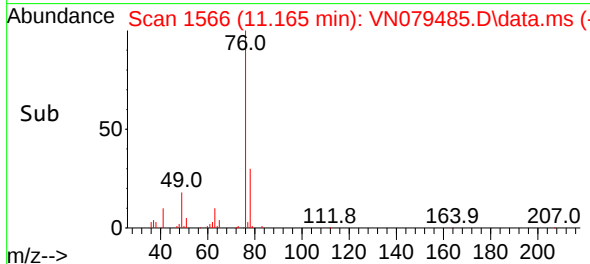
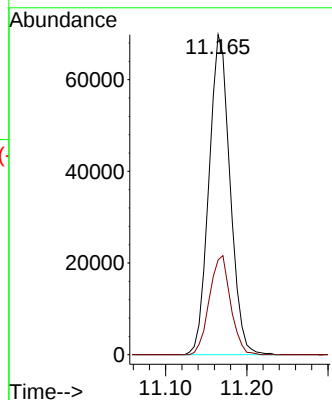
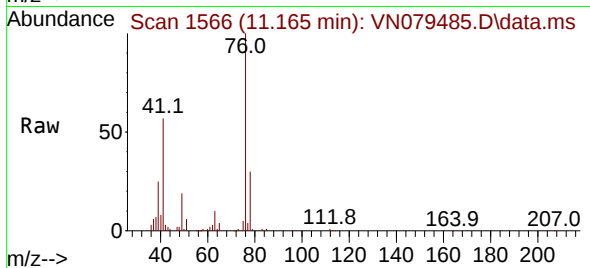
78 31.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 98.338 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079485.D

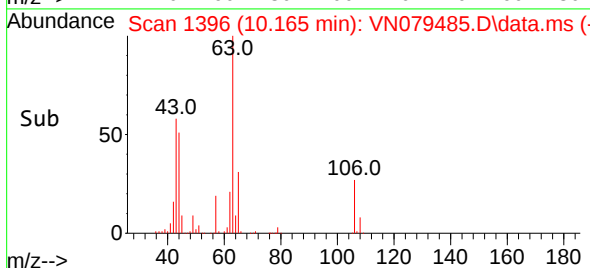
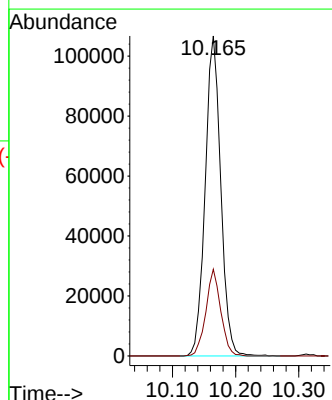
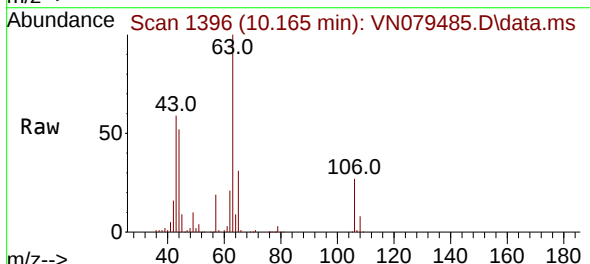
Acq: 10 Oct 2023 11:46

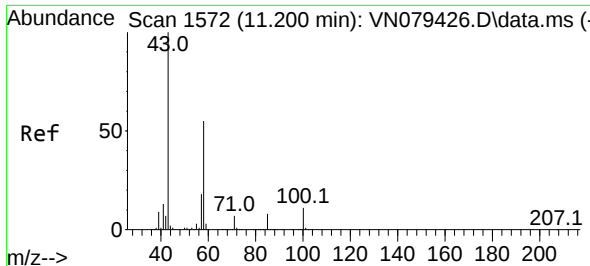
Tgt Ion: 63 Resp: 182664

Ion Ratio Lower Upper

63 100

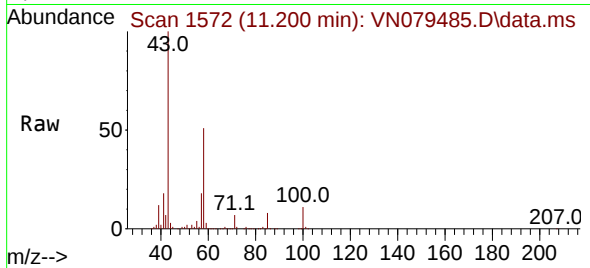
106 25.9 26.2 39.4#





#59
2-Hexanone
Concen: 97.122 ug/l
RT: 11.200 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

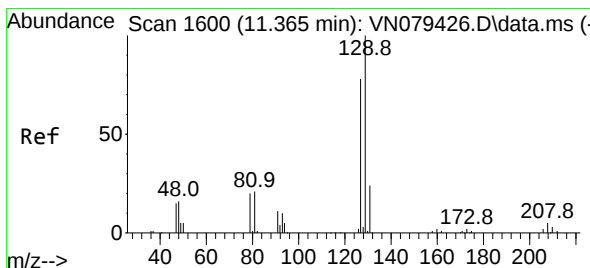
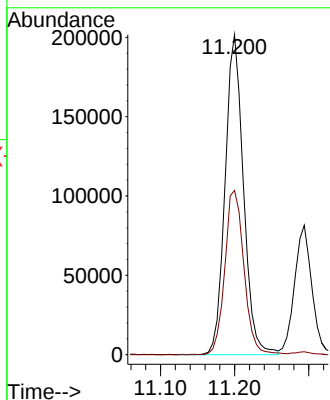
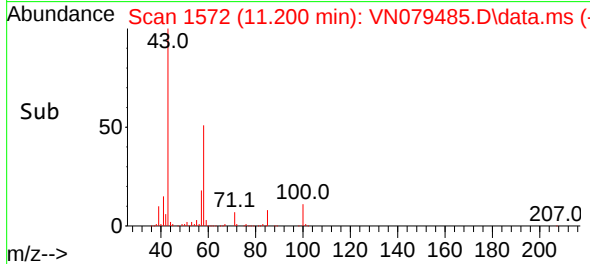
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



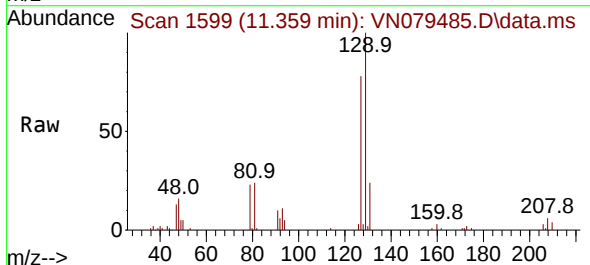
Tgt Ion: 43 Resp: 34686
Ion Ratio Lower Upper
43 100
58 53.6 31.7 95.1

Manual Integrations
APPROVED

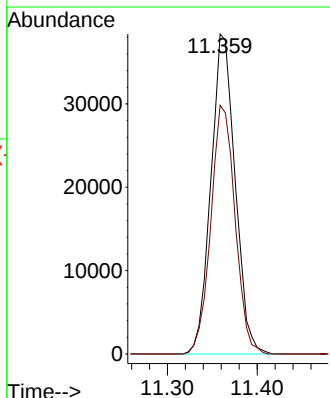
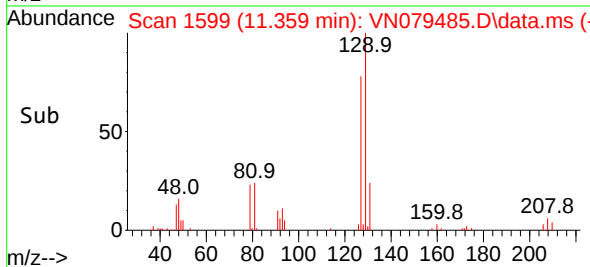
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

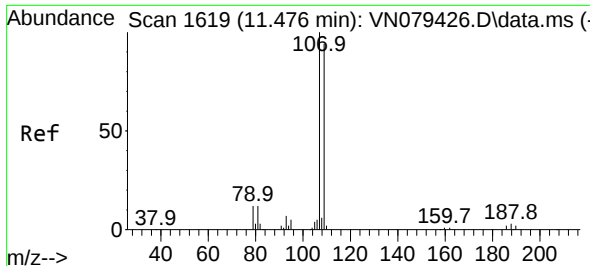


#60
Dibromochloromethane
Concen: 20.268 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46



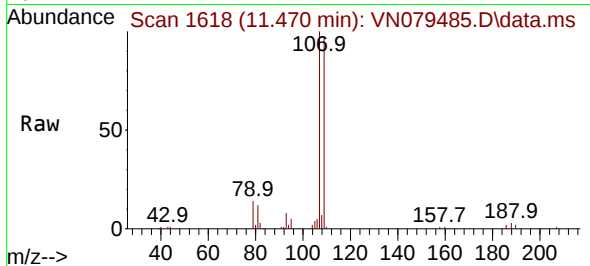
Tgt Ion:129 Resp: 71900
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.299 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

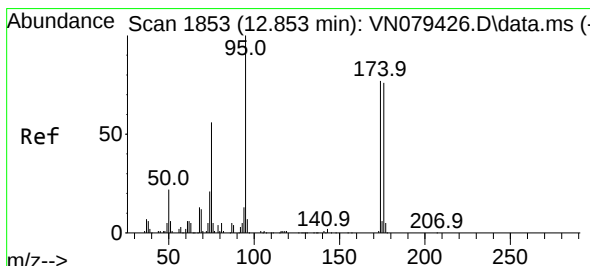
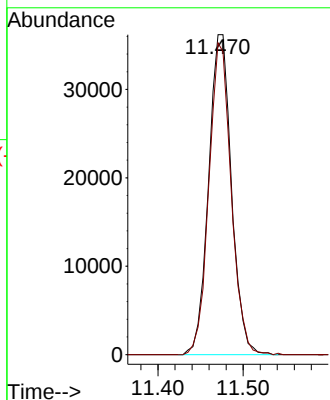
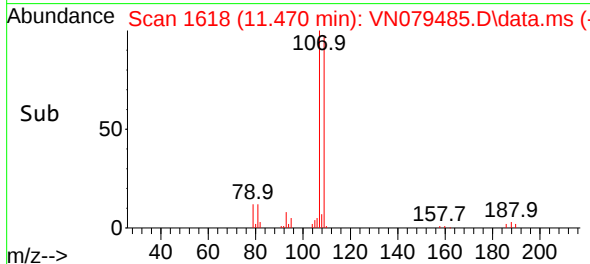
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion:107 Resp: 67602
Ion Ratio Lower Upper
107 100
109 94.9 76.6 114.8

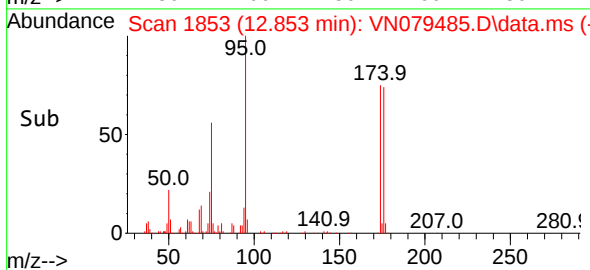
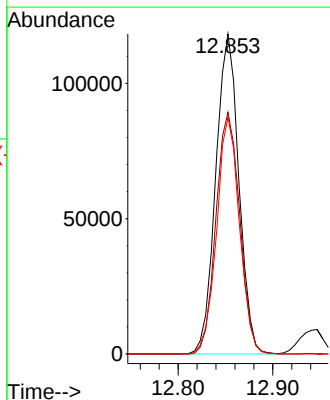
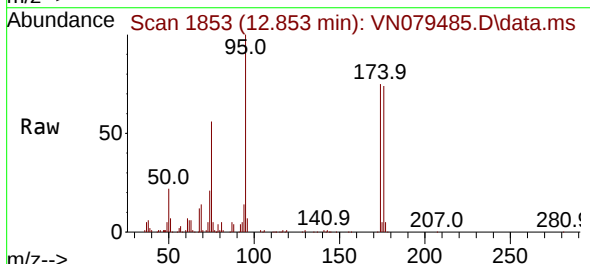
Manual Integrations
APPROVED

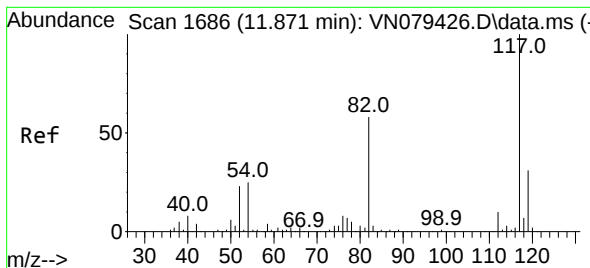
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#62
4-Bromofluorobenzene
Concen: 51.503 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

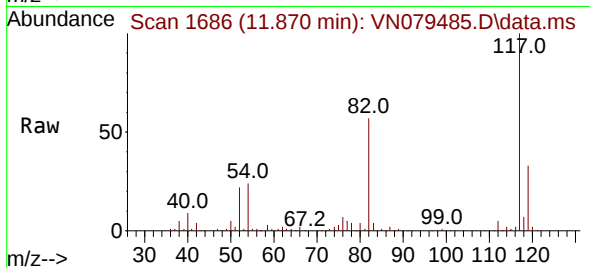
Tgt Ion: 95 Resp: 200405
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 73.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

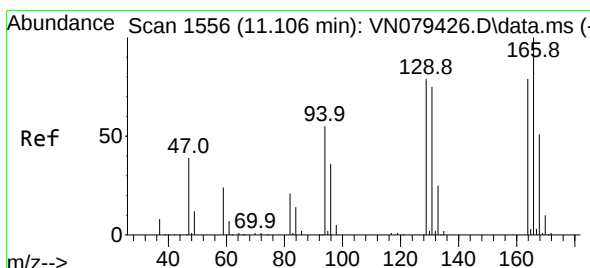
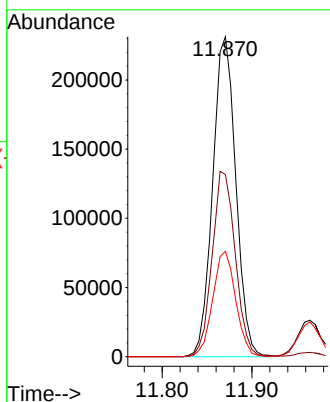
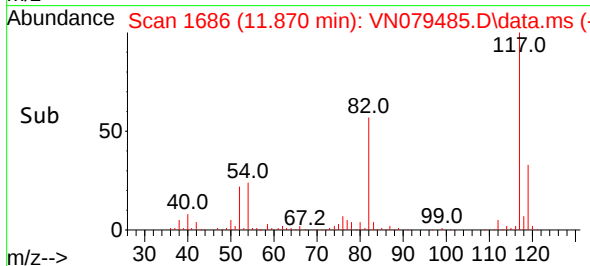
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



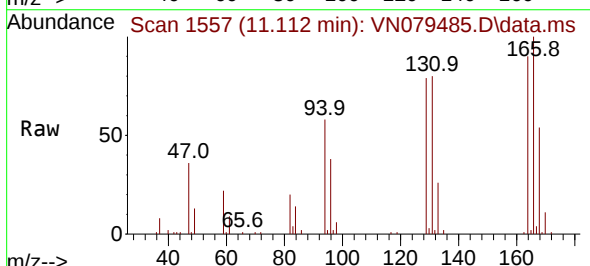
Tgt Ion:117 Resp: 413860
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 32.9 25.6 38.4

Manual Integrations
APPROVED

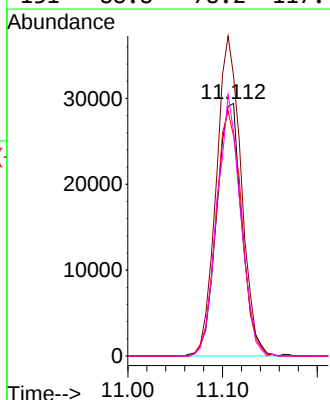
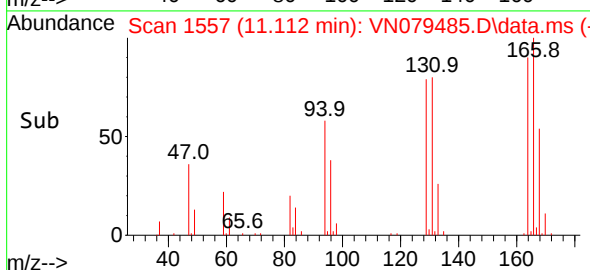
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

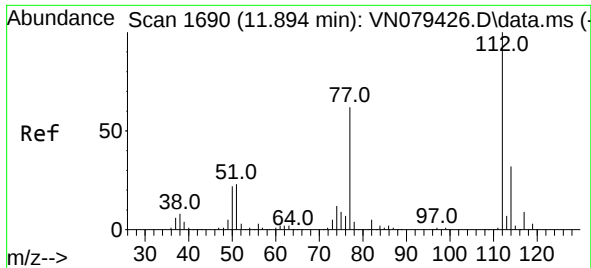


#64
Tetrachloroethene
Concen: 19.051 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46



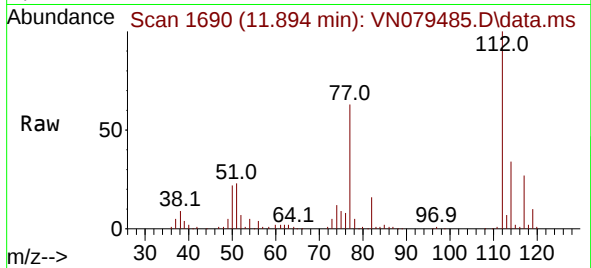
Tgt Ion:164 Resp: 54240
Ion Ratio Lower Upper
164 100
166 110.9 101.4 152.0
129 87.1 82.4 123.6
131 88.8 78.2 117.4





#65
Chlorobenzene
Concen: 19.609 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

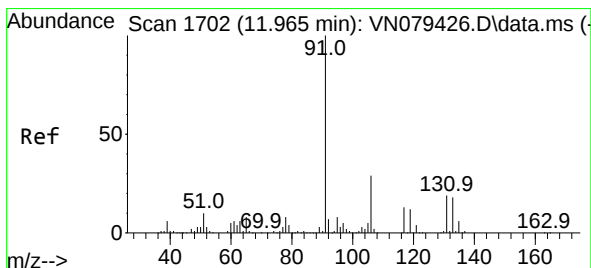
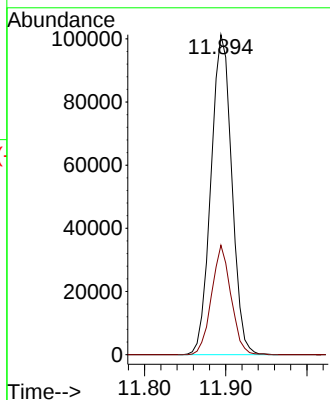
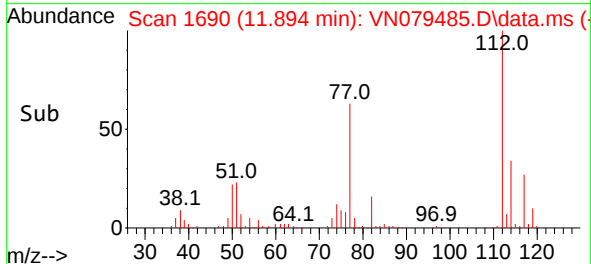
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion:112 Resp: 18072
Ion Ratio Lower Upper
112 100
114 34.2 25.0 37.4

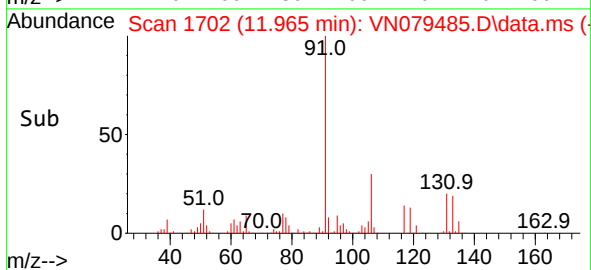
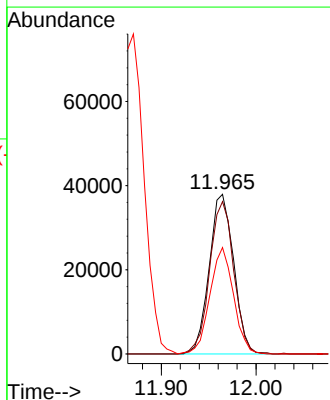
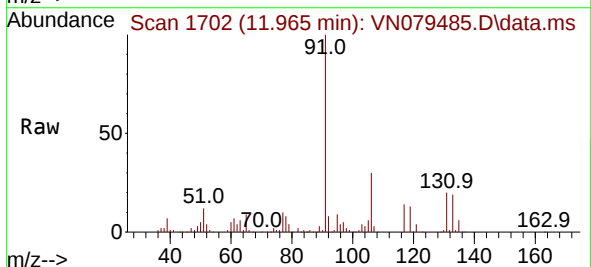
Manual Integrations
APPROVED

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



#66
1,1,1,2-Tetrachloroethane
Concen: 20.178 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

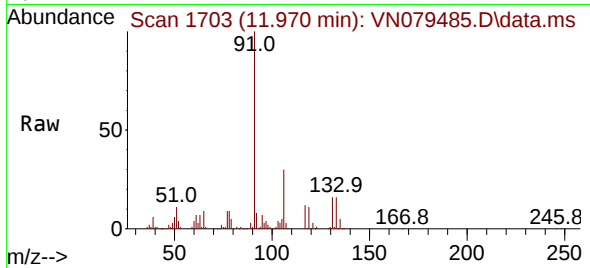
Tgt Ion:131 Resp: 68093
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 64.3 34.1 102.2





#67
Ethyl Benzene
Concen: 20.268 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

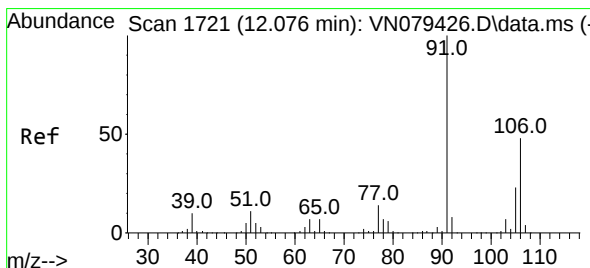
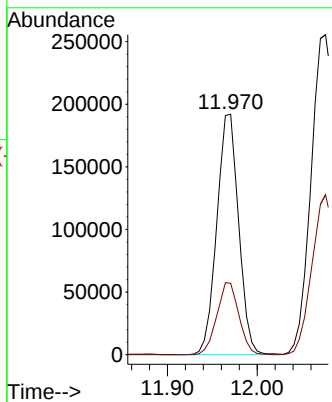
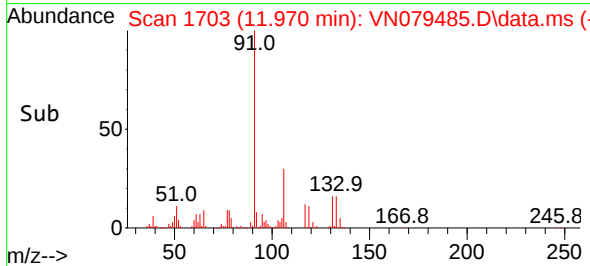
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



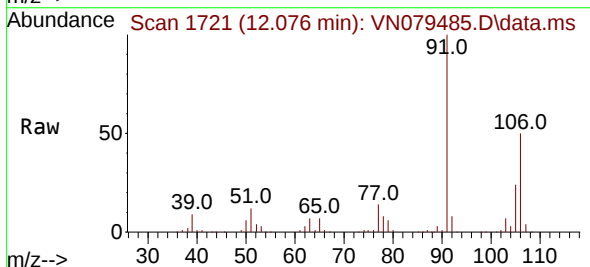
Tgt Ion: 91 Resp: 324694
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

Manual Integrations
APPROVED

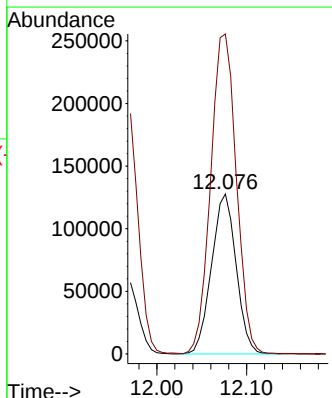
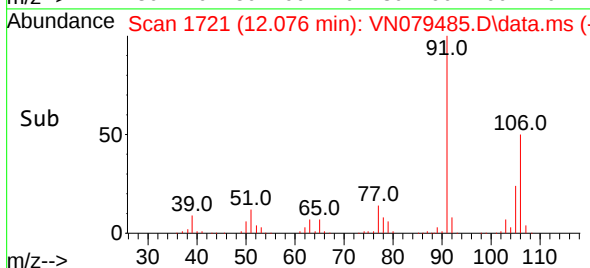
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

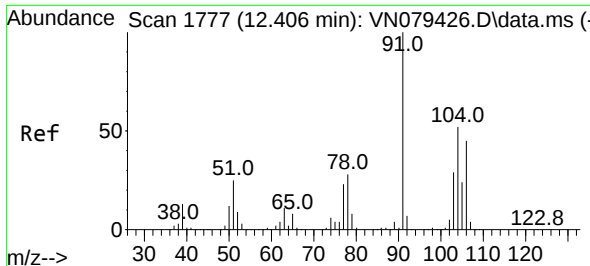


#68
m/p-Xylenes
Concen: 41.785 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46



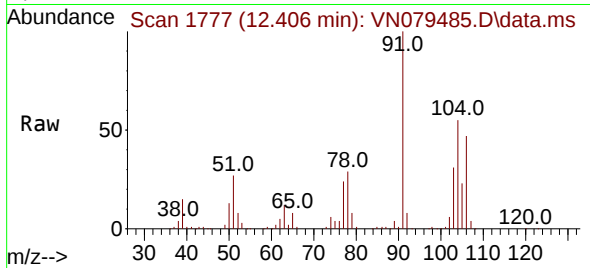
Tgt Ion:106 Resp: 243219
Ion Ratio Lower Upper
106 100
91 209.2 159.6 239.4





#69
o-Xylene
Concen: 20.168 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

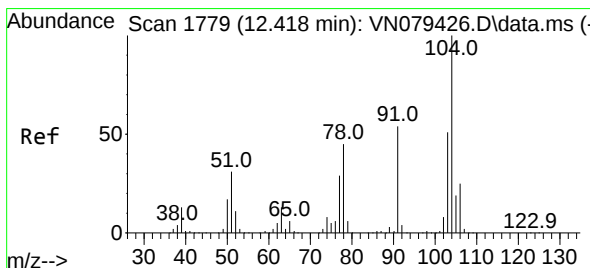
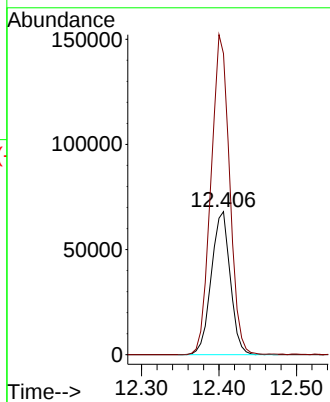
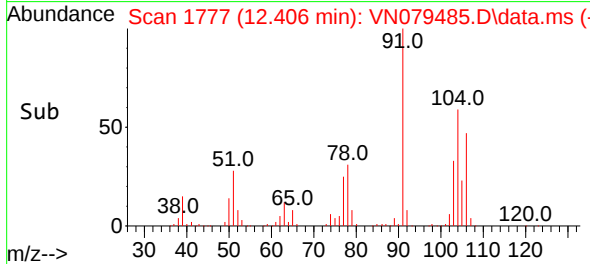
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion:106 Resp: 11545
Ion Ratio Lower Upper
106 100
91 220.4 105.2 315.5

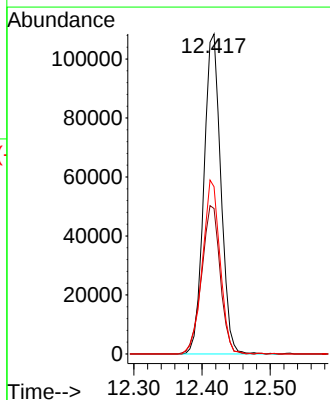
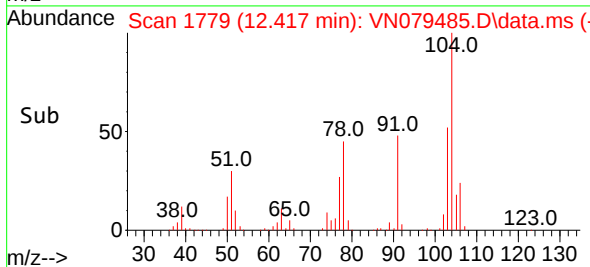
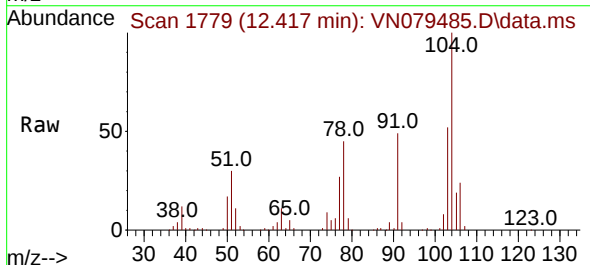
Manual Integrations
APPROVED

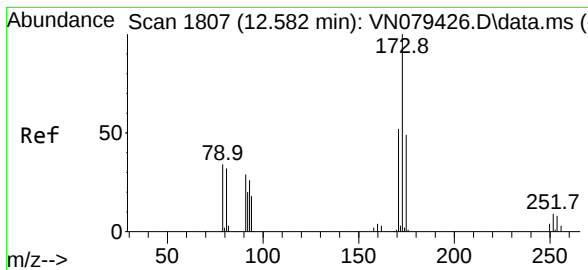
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#70
Styrene
Concen: 20.766 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

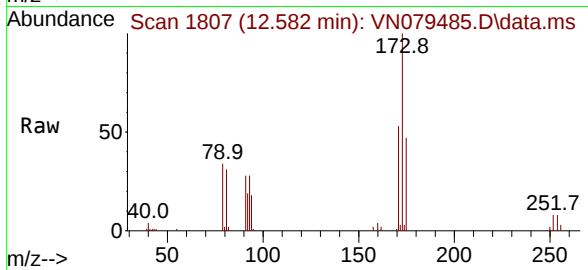
Tgt Ion:104 Resp: 187762
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 56.4 43.2 64.8





#71
Bromoform
Concen: 19.027 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

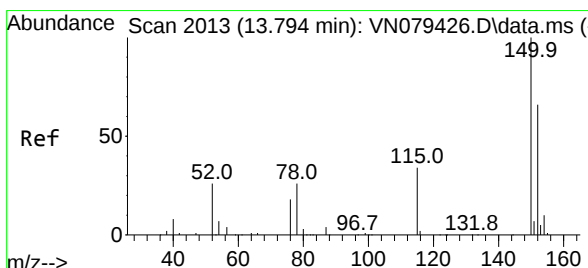
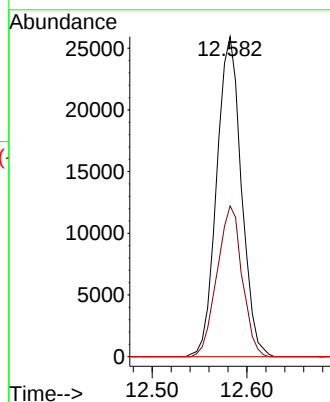
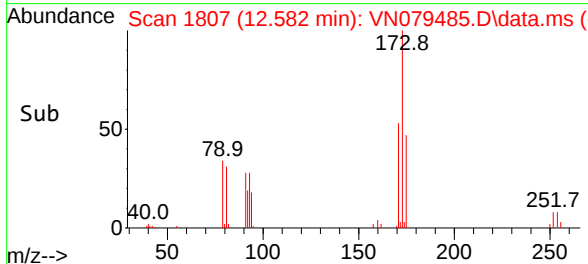
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



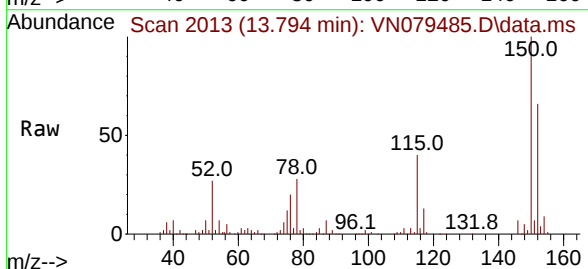
Tgt Ion:173 Resp: 4699
Ion Ratio Lower Upper
173 100
175 47.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

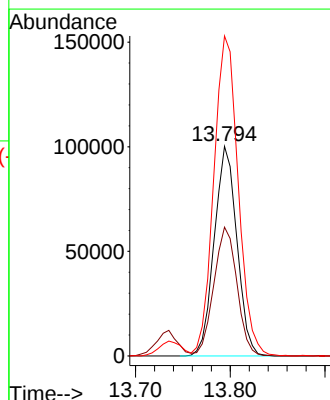
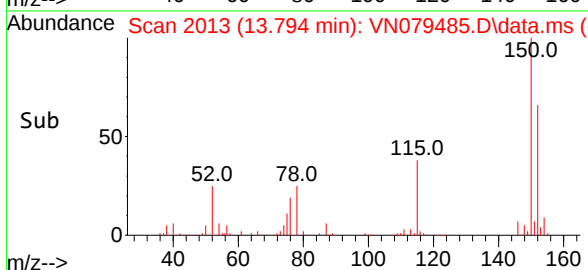
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

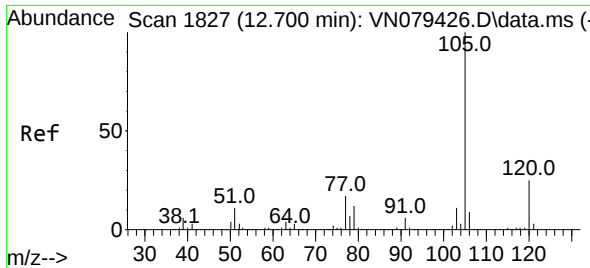


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46



Tgt Ion:152 Resp: 166507
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 164.6 0.0 355.8





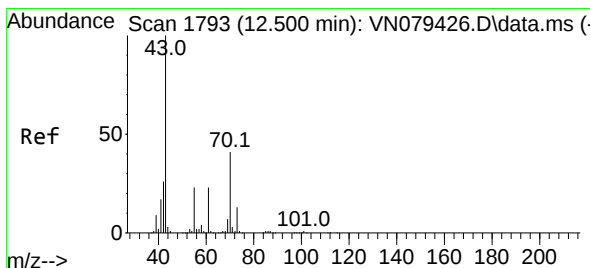
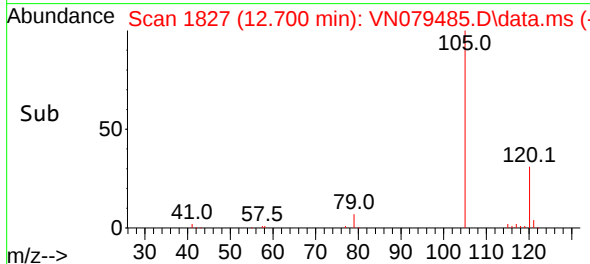
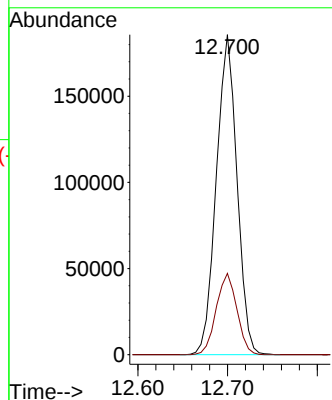
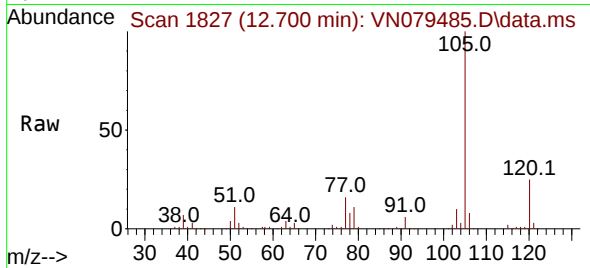
#73
Isopropylbenzene
Concen: 19.156 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion:105 Resp: 296730
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1

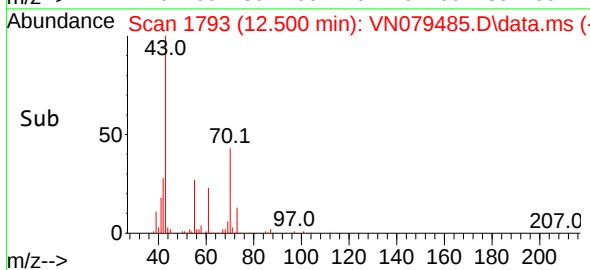
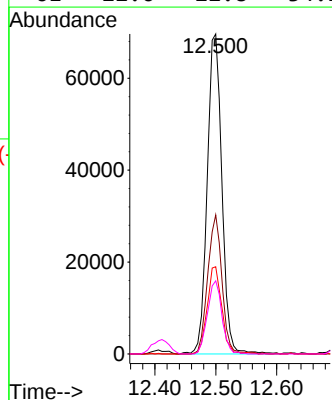
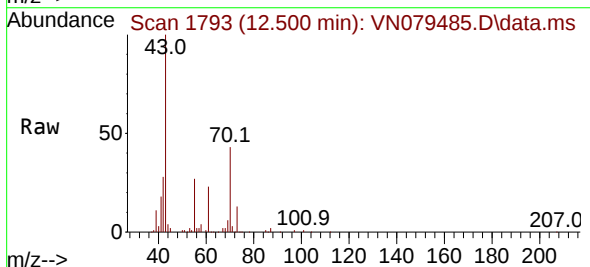
Manual Integrations
APPROVED

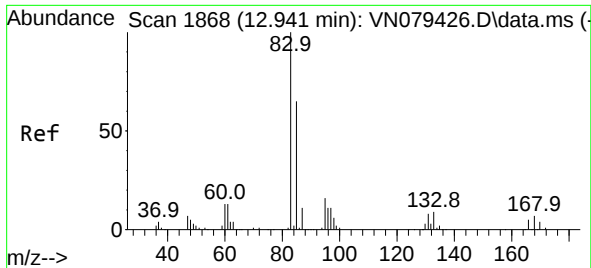
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#74
N-ethyl acetate
Concen: 18.385 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

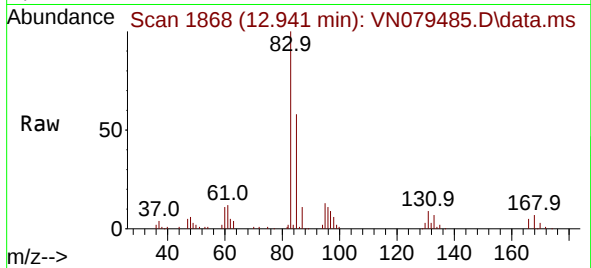
Tgt Ion: 43 Resp: 116756
Ion Ratio Lower Upper
43 100
70 41.8 43.4 65.2#
55 27.0 21.4 32.0
61 22.6 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.695 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

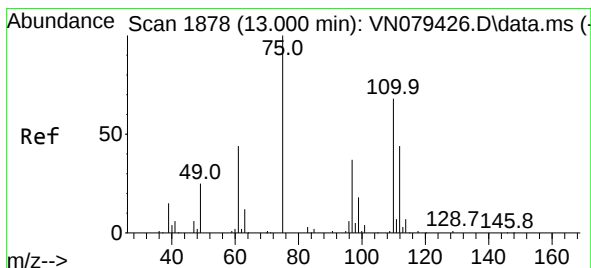
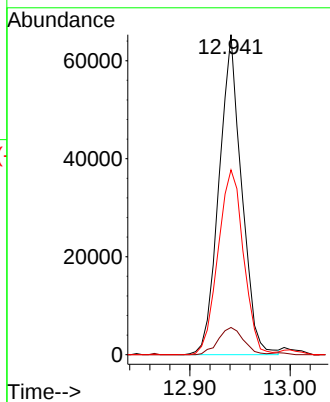
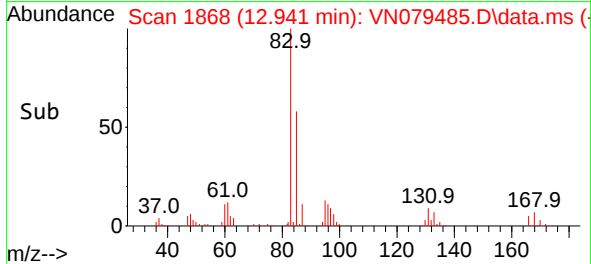
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 83 Resp: 10215
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 65.1 31.9 95.7

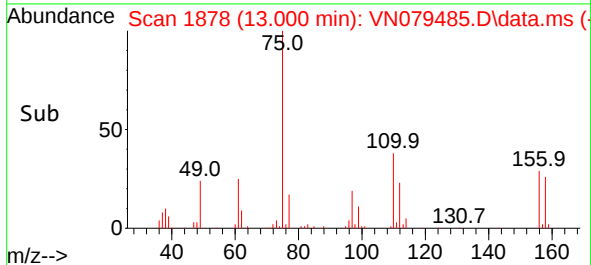
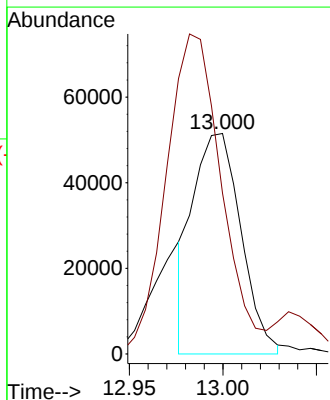
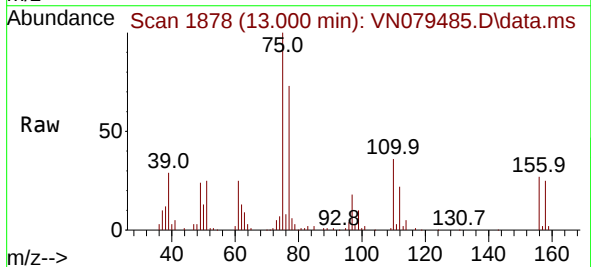
Manual Integrations
APPROVED

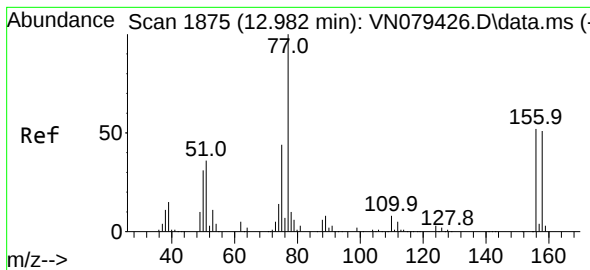
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#76
1,2,3-Trichloropropane
Concen: 19.101 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Tgt Ion: 75 Resp: 91701
Ion Ratio Lower Upper
75 100
77 168.2 84.5 253.5





#77

Bromobenzene

Concen: 17.885 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

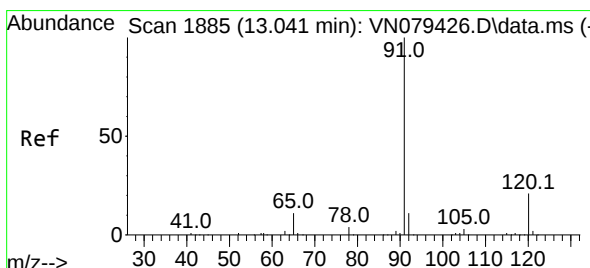
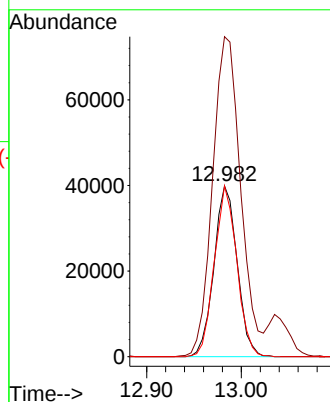
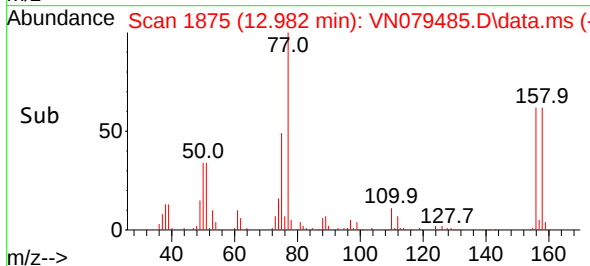
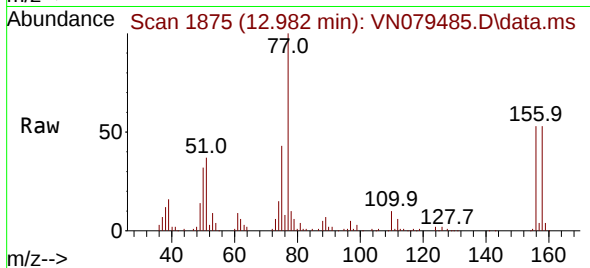
Tgt Ion:156 Resp: 67933
 Ion Ratio Lower Upper
 156 100
 77 227.0 107.7 323.3
 158 96.9 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#78

n-propylbenzene

Concen: 19.770 ug/l

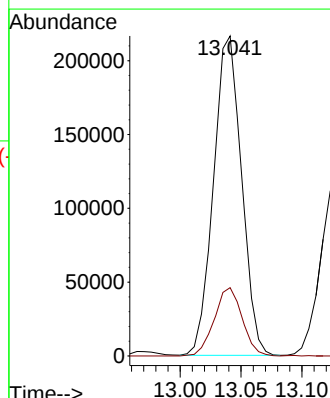
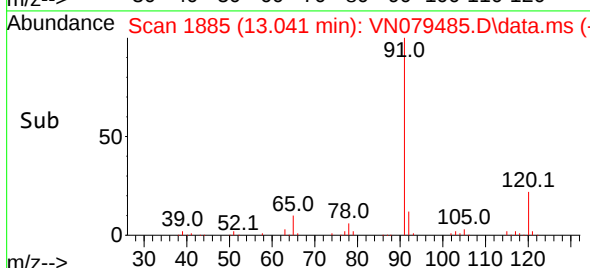
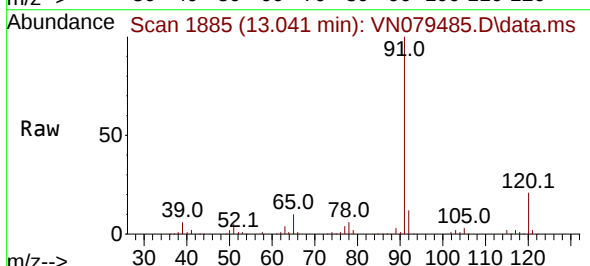
RT: 13.041 min Scan# 1885

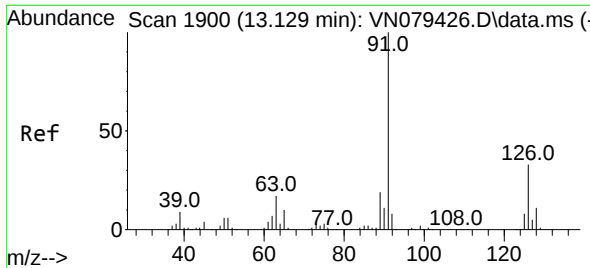
Delta R.T. -0.000 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Tgt Ion: 91 Resp: 346497
 Ion Ratio Lower Upper
 91 100
 120 21.3 11.5 34.4





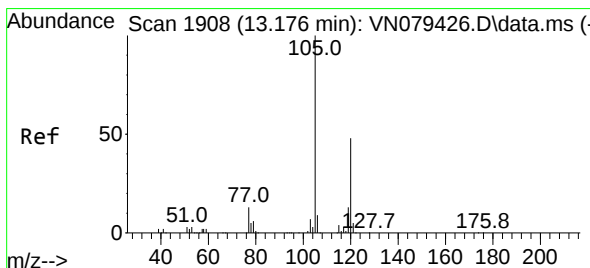
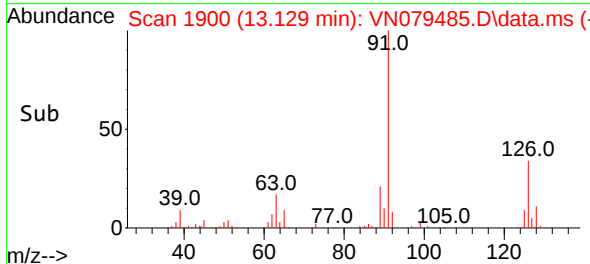
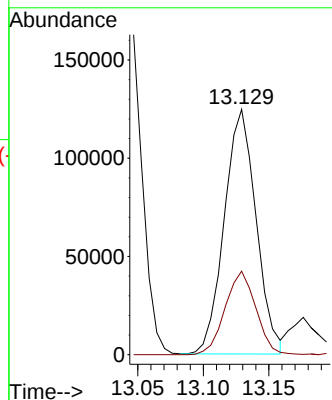
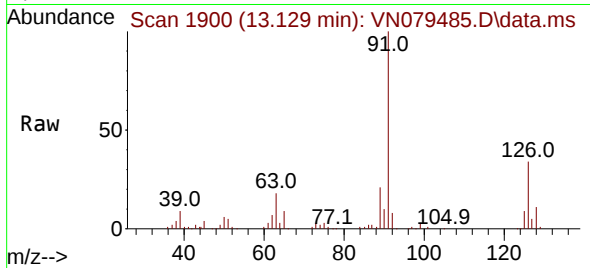
#79
2-Chlorotoluene
Concen: 18.762 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion: 91 Resp: 210417
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8

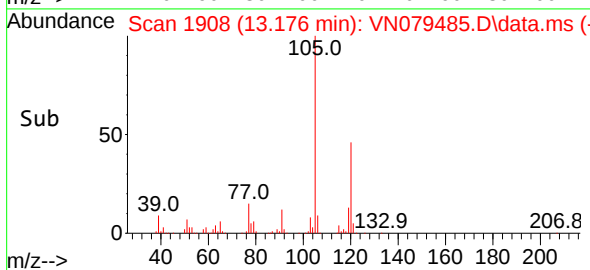
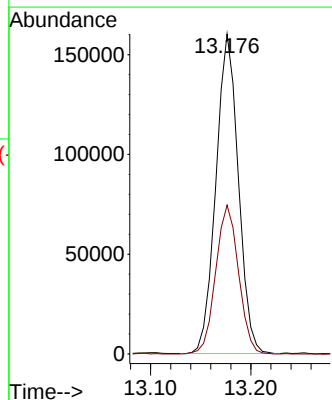
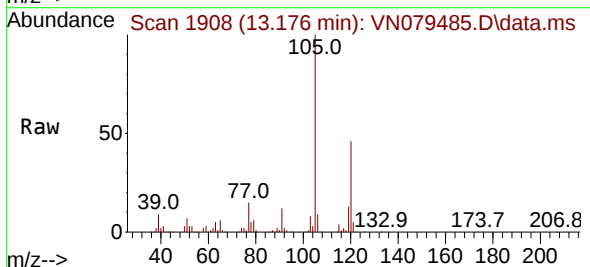
Manual Integrations
APPROVED

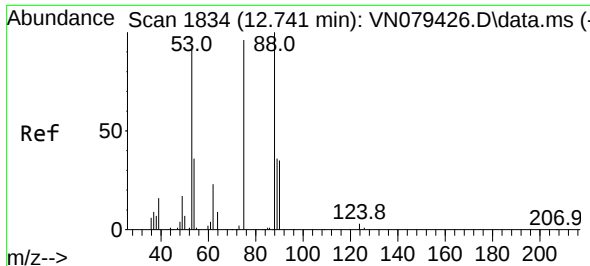
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.289 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

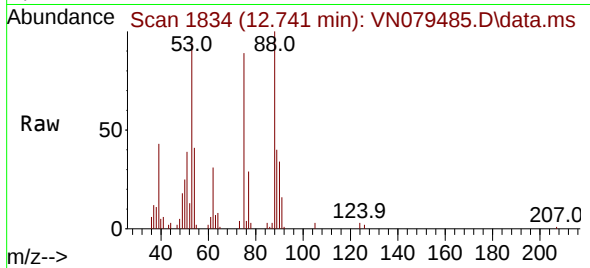
Tgt Ion:105 Resp: 247835
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.351 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

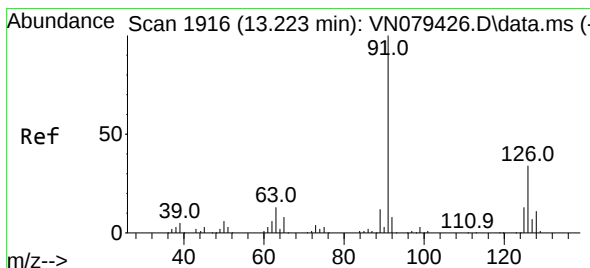
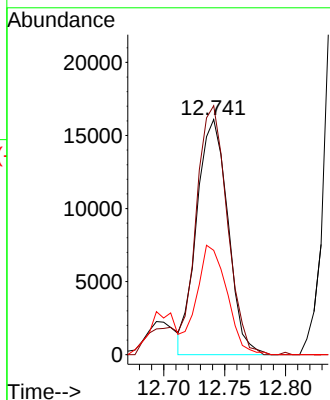
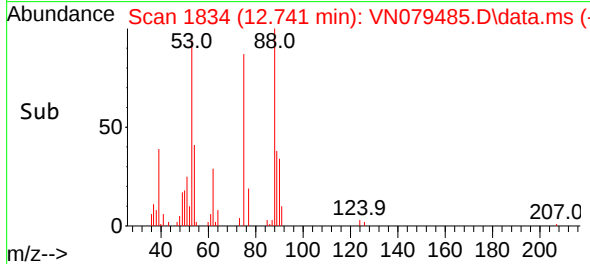
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 75 Resp: 28709
Ion Ratio Lower Upper
75 100
53 115.6 67.4 101.2
89 45.5 38.8 58.2

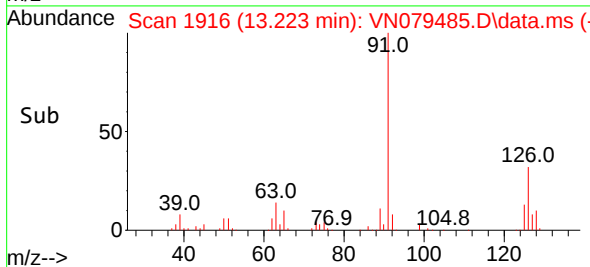
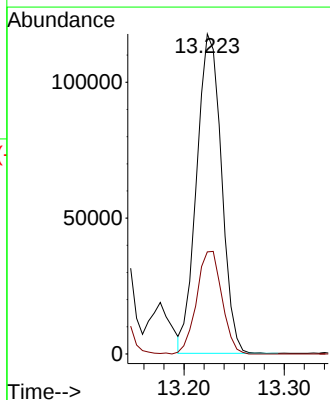
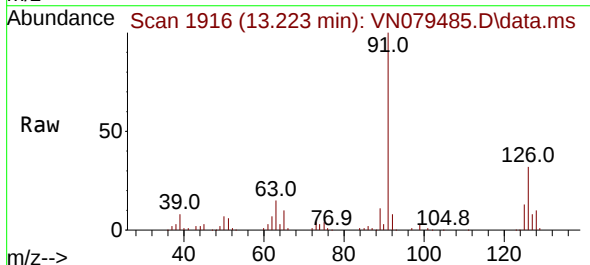
Manual Integrations
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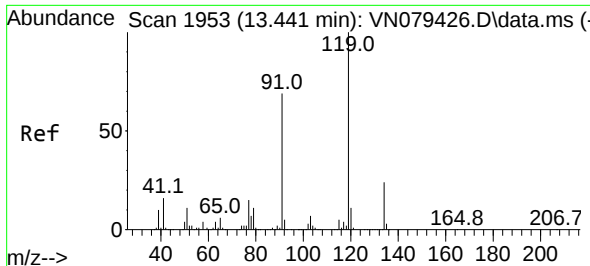
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#82
4-Chlorotoluene
Concen: 18.962 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

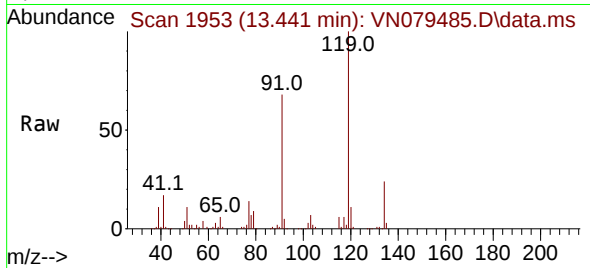
Tgt Ion: 91 Resp: 202363
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.861 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

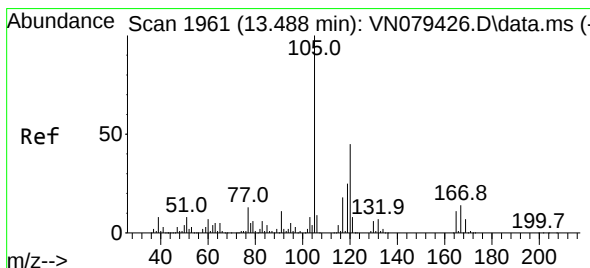
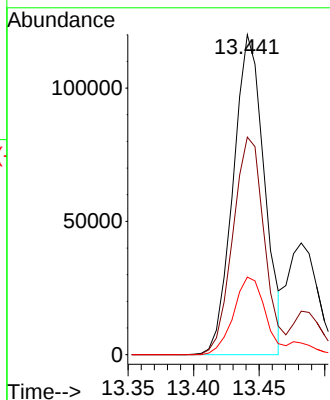
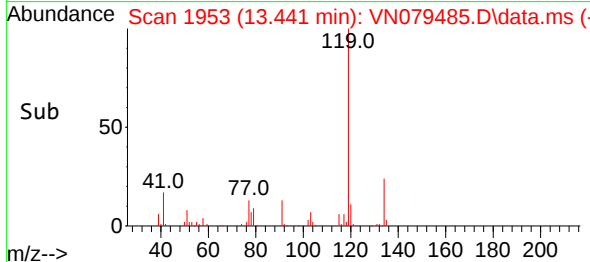
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



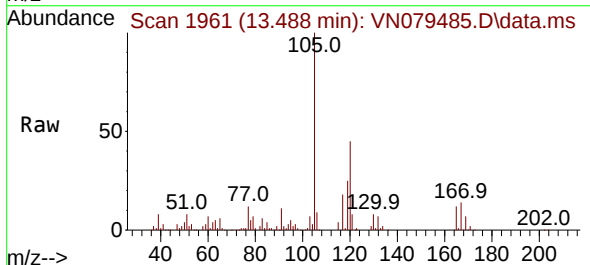
Tgt Ion:119 Resp: 198768
Ion Ratio Lower Upper
119 100
91 69.1 33.9 101.7
134 24.7 13.2 39.6

Manual Integrations
APPROVED

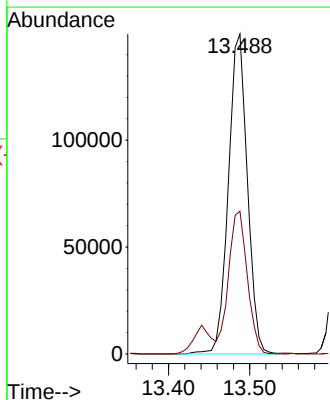
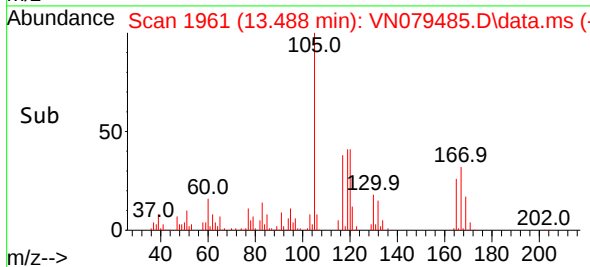
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

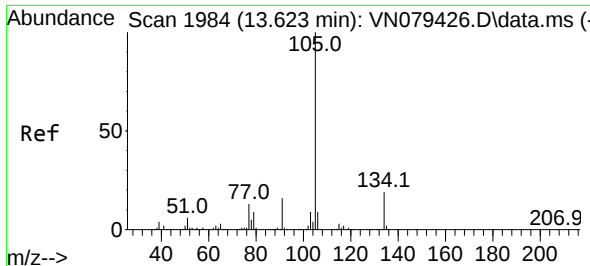


#84
1,2,4-Trimethylbenzene
Concen: 20.814 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46



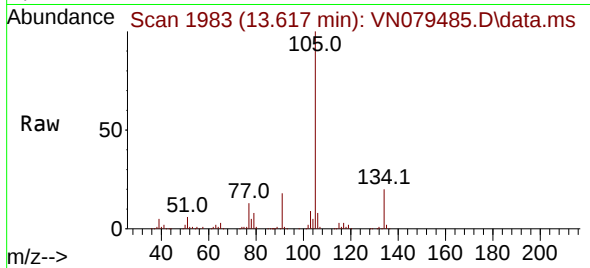
Tgt Ion:105 Resp: 242640
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 20.242 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079485.D
 Acq: 10 Oct 2023 11:46

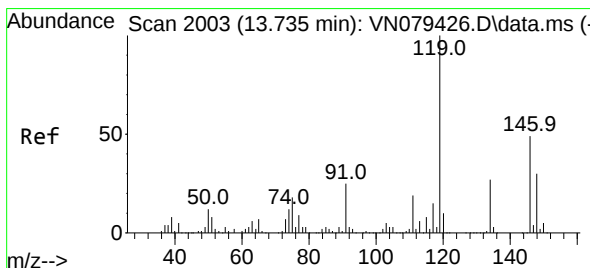
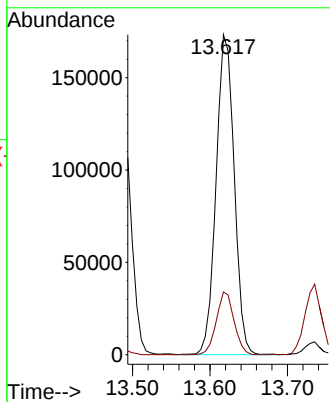
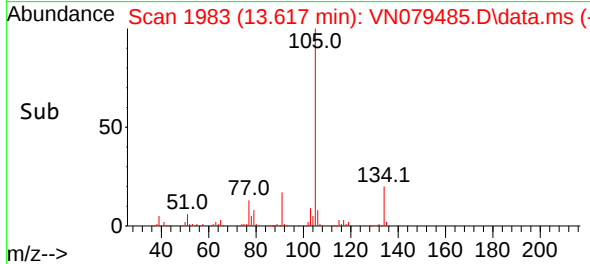
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01



Tgt Ion:105 Resp: 28256
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

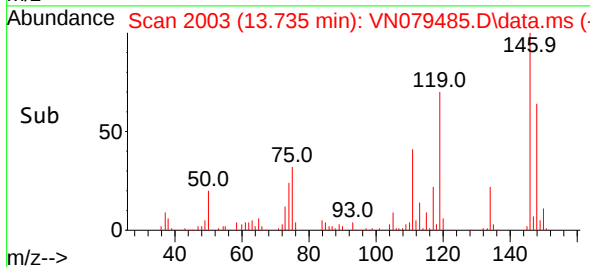
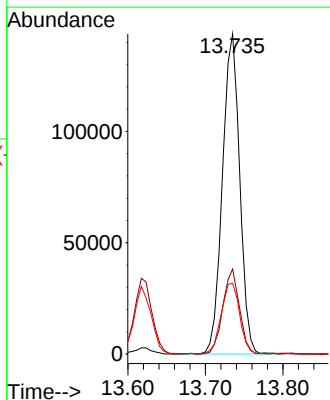
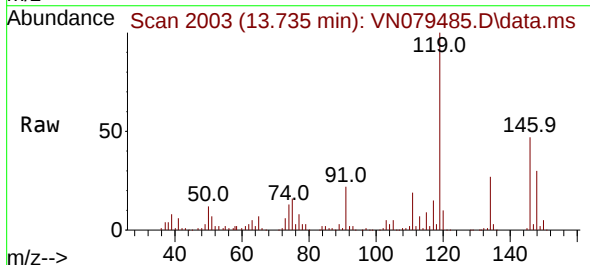
Manual Integrations
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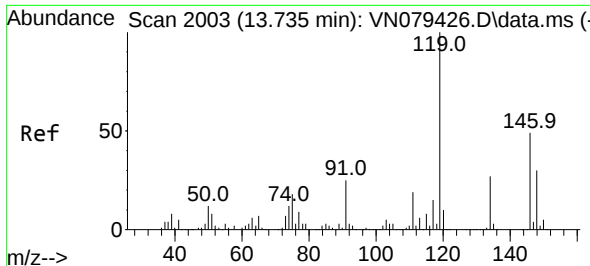
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023



#86
 p-Isopropyltoluene
 Concen: 20.819 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079485.D
 Acq: 10 Oct 2023 11:46

Tgt Ion:119 Resp: 222951
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 23.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.284 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

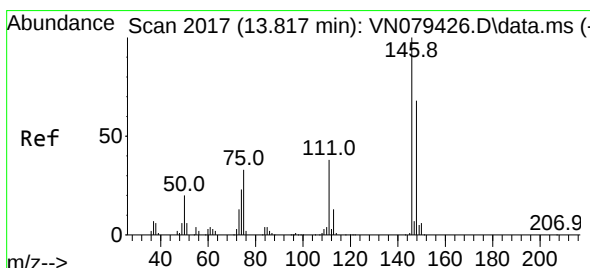
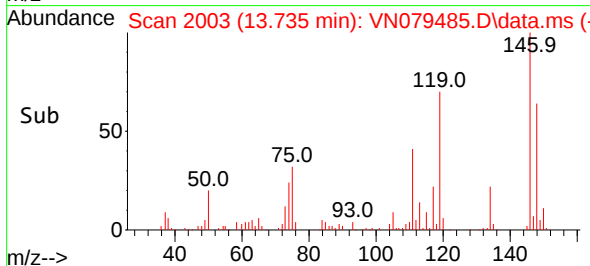
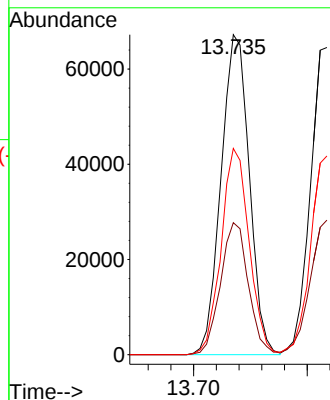
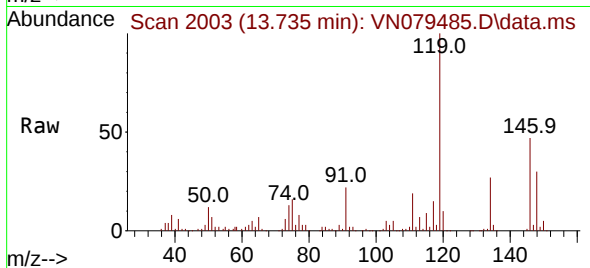
Tgt Ion:146 Resp: 116170
 Ion Ratio Lower Upper
 146 100
 111 40.8 22.1 66.3
 148 63.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#88

1,4-Dichlorobenzene

Concen: 17.935 ug/l

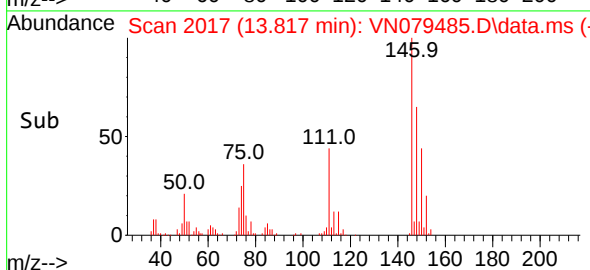
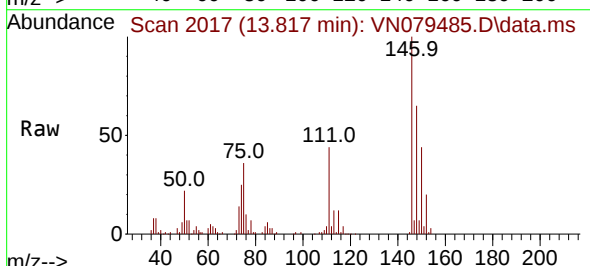
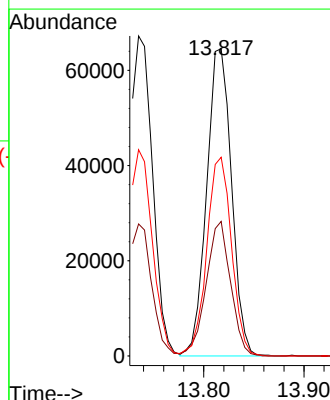
RT: 13.817 min Scan# 2017

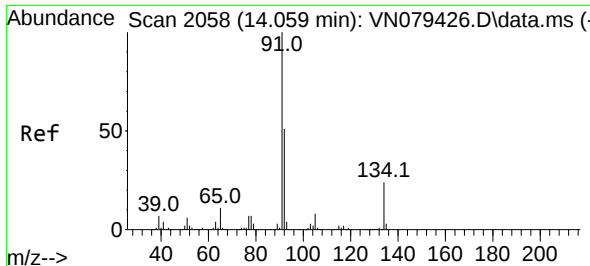
Delta R.T. -0.000 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Tgt Ion:146 Resp: 111562
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.6 61.8
 148 64.4 31.6 94.8





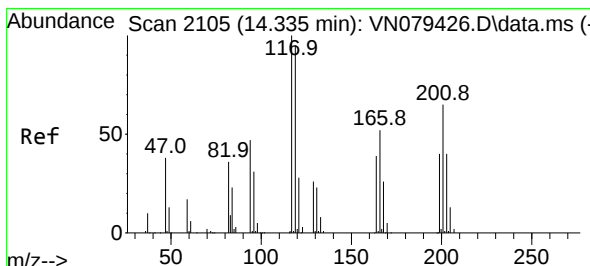
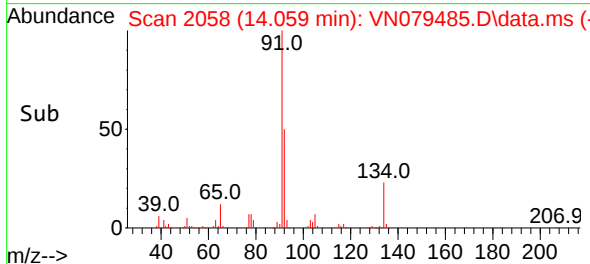
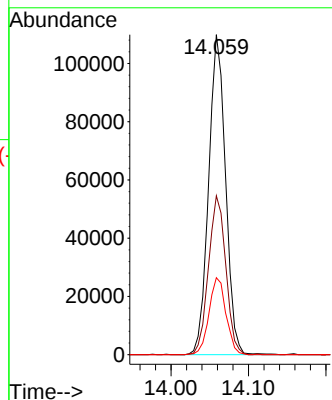
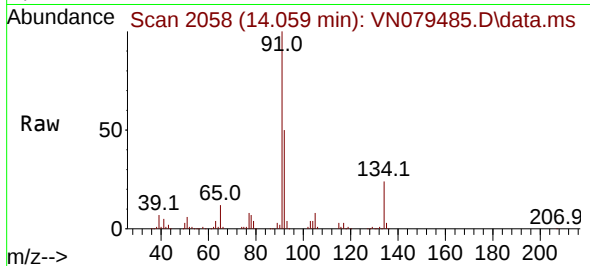
#89
n-Butylbenzene
Concen: 19.492 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion: 91 Resp: 16669
Ion Ratio Lower Upper
91 100
92 50.8 26.4 79.0
134 24.1 12.6 37.6

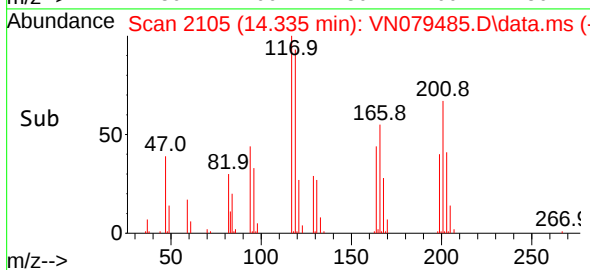
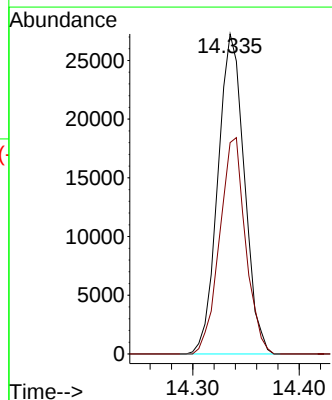
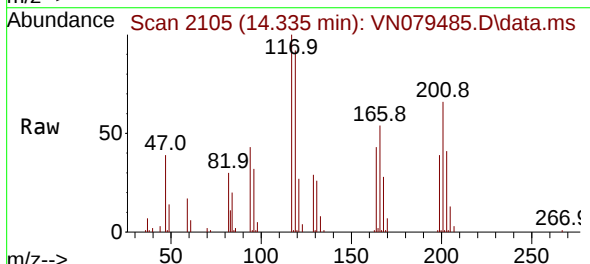
Manual Integrations
APPROVED

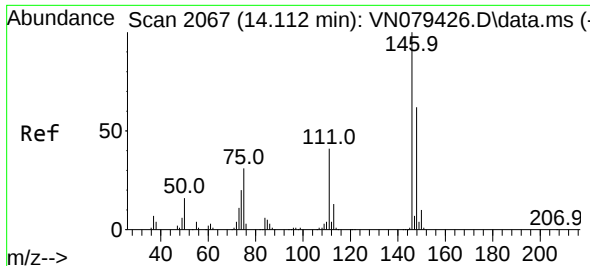
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#90
Hexachloroethane
Concen: 21.023 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Tgt Ion:117 Resp: 47022
Ion Ratio Lower Upper
117 100
201 66.3 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 19.208 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

Tgt Ion:146 Resp: 11287

Ion Ratio Lower Upper

146 100

111 41.8 22.0 66.0

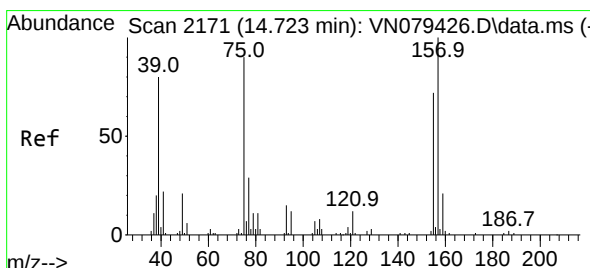
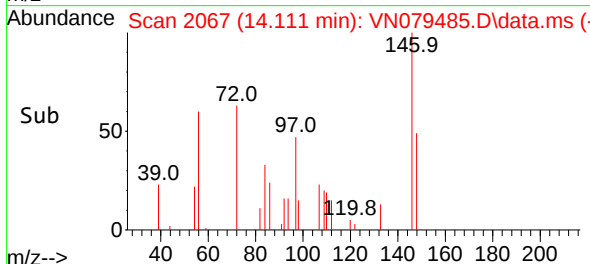
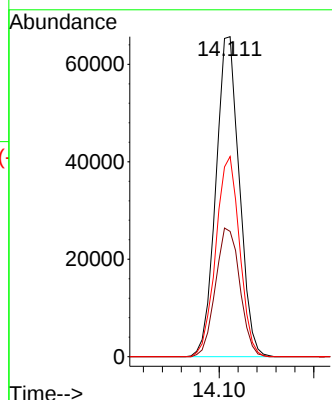
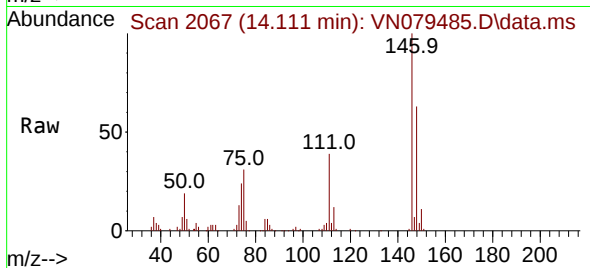
148 63.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.934 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

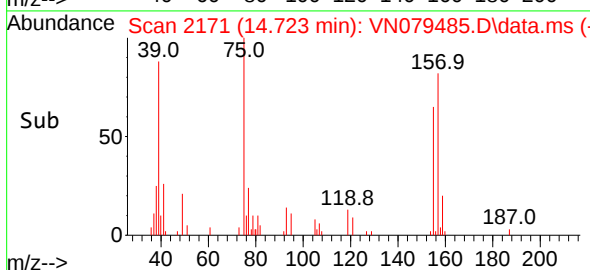
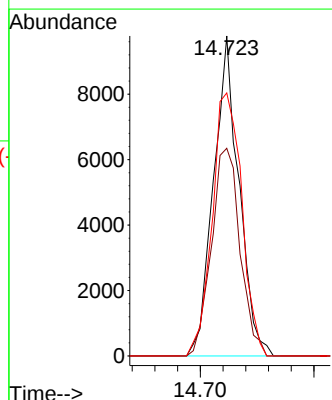
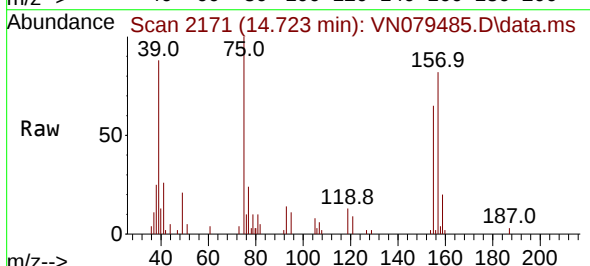
Tgt Ion: 75 Resp: 15168

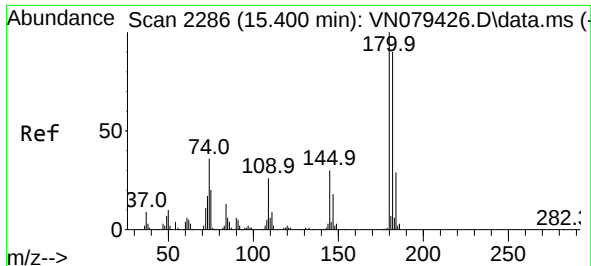
Ion Ratio Lower Upper

75 100

155 73.2 39.1 117.2

157 95.6 50.3 150.9





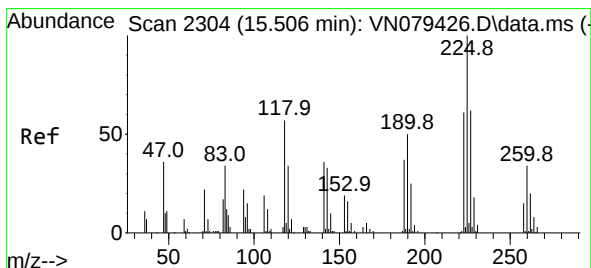
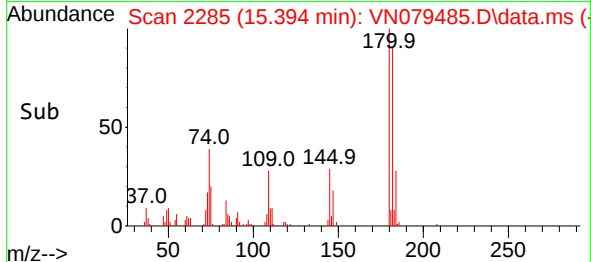
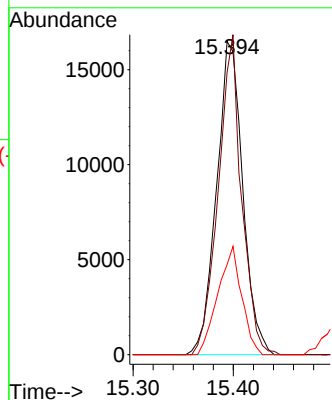
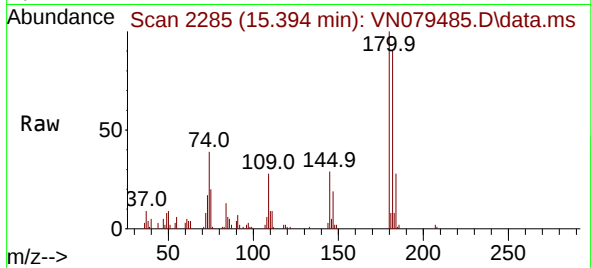
#93
1,2,4-Trichlorobenzene
Concen: 16.421 ug/l
RT: 15.394 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion:180 Resp: 29880
Ion Ratio Lower Upper
180 100
182 90.6 46.1 138.2
145 31.5 16.6 49.8

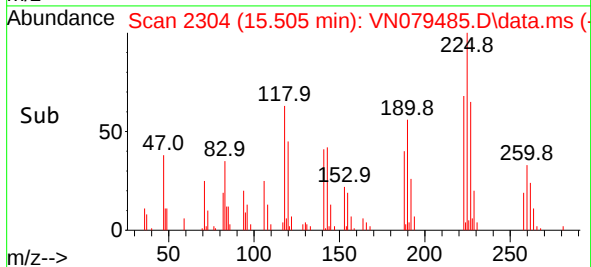
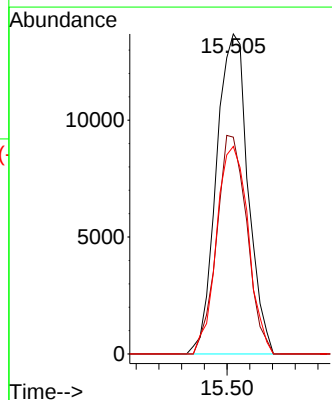
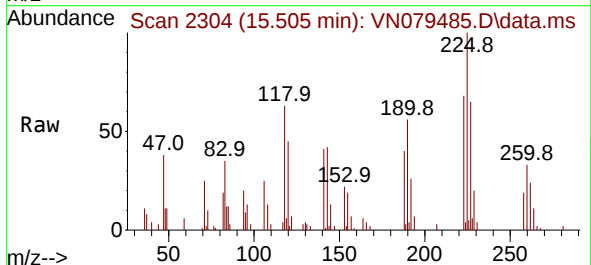
Manual Integrations
APPROVED

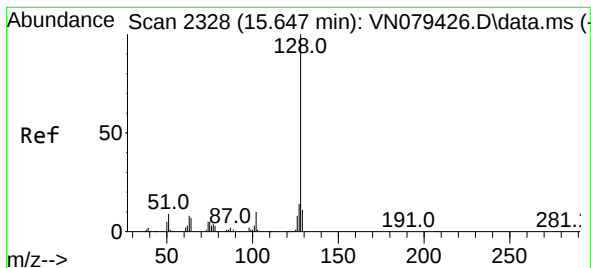
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#94
Hexachlorobutadiene
Concen: 18.663 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079485.D
Acq: 10 Oct 2023 11:46

Tgt Ion:225 Resp: 26455
Ion Ratio Lower Upper
225 100
223 65.4 31.3 93.8
227 65.1 31.9 95.9





#95

Naphthalene

Concen: 12.487 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

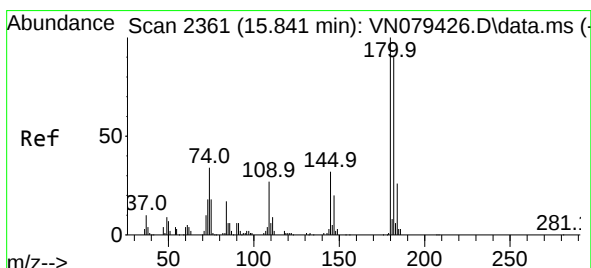
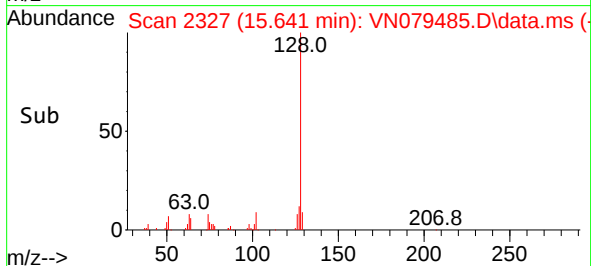
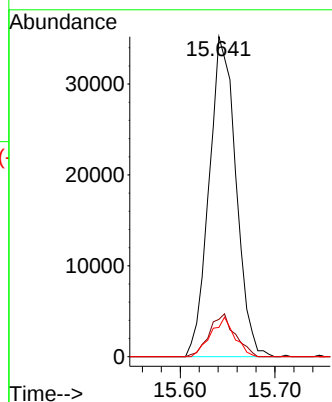
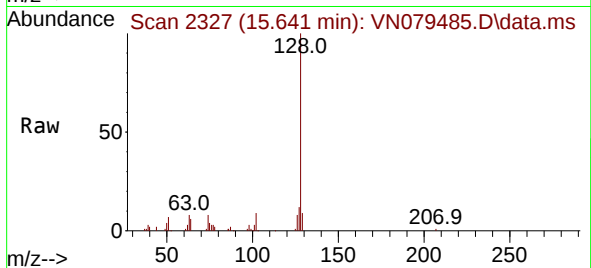
Tgt Ion:128	Resp: 6939
Ion Ratio	Lower Upper
128 100	
127 12.8	10.0 15.0
129 11.0	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#96

1,2,3-Trichlorobenzene

Concen: 14.987 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079485.D

Acq: 10 Oct 2023 11:46

Tgt Ion:180	Resp: 32549
Ion Ratio	Lower Upper
180 100	
182 92.2	46.2 138.6
145 34.2	17.5 52.6

