

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079265.D
 Acq On : 15 Sep 2023 12:05
 Operator : JC\MD
 Sample : VN0915MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2023
 Supervised By : Mahesh Dadoda 09/18/2023

Quant Time: Sep 16 01:36:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	178472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	278519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	138038	57.296	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.600%			
35) Dibromofluoromethane	8.171	113	110150	53.462	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.920%			
50) Toluene-d8	10.571	98	407531	53.868	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.740%			
62) 4-Bromofluorobenzene	12.853	95	123051	50.991	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	32662	18.496	ug/l	98
3) Chloromethane	2.365	50	41278	17.806	ug/l	89
4) Vinyl Chloride	2.518	62	47820	18.932	ug/l	95
5) Bromomethane	2.953	94	29453	20.286	ug/l	95
6) Chloroethane	3.124	64	37310	22.559	ug/l	94
7) Trichlorofluoromethane	3.501	101	59130	15.987	ug/l	90
8) Diethyl Ether	3.959	74	21750	16.942	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.371	101	34263	17.419	ug/l	98
10) Methyl Iodide	4.595	142	29920	18.595	ug/l	90
11) Tert butyl alcohol	5.524	59	30243	67.994	ug/l	98
12) 1,1-Dichloroethene	4.348	96	31480	16.538	ug/l	84
13) Acrolein	4.183	56	46064	108.569	ug/l	98
14) Allyl chloride	5.024	41	49750	16.384	ug/l #	91
15) Acrylonitrile	5.724	53	92249	79.985	ug/l	98
16) Acetone	4.436	43	87860	85.868	ug/l	99
17) Carbon Disulfide	4.706	76	85779	14.419	ug/l	97
18) Methyl Acetate	5.030	43	72079	17.140	ug/l #	81
19) Methyl tert-butyl Ether	5.794	73	111719	17.113	ug/l	94
20) Methylene Chloride	5.283	84	41618	16.714	ug/l #	84
21) trans-1,2-Dichloroethene	5.794	96	35465	16.061	ug/l	91
22) Diisopropyl ether	6.671	45	125178	18.789	ug/l #	89
23) Vinyl Acetate	6.606	43	354177	86.428	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	74020	18.022	ug/l	97
25) 2-Butanone	7.488	43	122511	82.522	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	58504	17.358	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	42793	16.949	ug/l	87
28) Bromochloromethane	7.818	49	42739	23.016	ug/l #	73
29) Tetrahydrofuran	7.841	42	78919	83.533	ug/l #	76
30) Chloroform	7.971	83	75900	17.750	ug/l	96
31) Cyclohexane	8.259	56	60467	17.189	ug/l #	81
32) 1,1,1-Trichloroethane	8.177	97	63058	17.299	ug/l #	89
36) 1,1-Dichloropropene	8.377	75	53486	16.842	ug/l	96
37) Ethyl Acetate	7.559	43	51906	16.387	ug/l #	90
38) Carbon Tetrachloride	8.365	117	53593	16.307	ug/l #	86
39) Methylcyclohexane	9.606	83	50333	16.067	ug/l #	83
40) Benzene	8.606	78	164697	16.941	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	25762	16.130	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	58944	17.612	ug/l	97
43) Isopropyl Acetate	8.694	43	84139	16.279	ug/l #	91
44) Trichloroethene	9.359	130	38774	16.190	ug/l	98
45) 1,2-Dichloropropane	9.624	63	42342	17.549	ug/l	98
46) Dibromomethane	9.712	93	28303	17.280	ug/l	94
47) Bromodichloromethane	9.888	83	60137	17.926	ug/l	91
48) Methyl methacrylate	9.688	41	37971	16.402	ug/l #	82
49) 1,4-Dioxane	9.700	88	13160	276.371	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	253814	84.596	ug/l	90
52) Toluene	10.635	92	101712	17.024	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	59693	16.875	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	65234	17.242	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	39937	17.035	ug/l	96
56) Ethyl methacrylate	10.877	69	54009	16.320	ug/l #	82
57) 1,3-Dichloropropane	11.171	76	69609	17.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	112145	86.819	ug/l	89
59) 2-Hexanone	11.200	43	175004	80.533	ug/l	88
60) Dibromochloromethane	11.365	129	41701	16.714	ug/l	100
61) 1,2-Dibromoethane	11.476	107	38143	16.304	ug/l	97
64) Tetrachloroethene	11.112	164	32379	15.943	ug/l	93
65) Chlorobenzene	11.894	112	101857	16.143	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	37765	15.962	ug/l	97
67) Ethyl Benzene	11.971	91	182355	16.897	ug/l	98
68) m/p-Xylenes	12.076	106	137683	34.227	ug/l	97
69) o-Xylene	12.406	106	65170	16.892	ug/l	93
70) Styrene	12.418	104	104705	16.875	ug/l	98
71) Bromoform	12.582	173	25160	14.405	ug/l #	100
73) Isopropylbenzene	12.700	105	167959	16.908	ug/l	98
74) N-amyl acetate	12.500	43	60498	16.052	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	55907	15.113	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	50644m	17.210	ug/l	
77) Bromobenzene	12.982	156	37511	14.913	ug/l	94
78) n-propylbenzene	13.041	91	192963	17.292	ug/l	100
79) 2-Chlorotoluene	13.129	91	121717	16.676	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	139659	16.872	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	15253	14.250	ug/l #	82
82) 4-Chlorotoluene	13.223	91	114207	16.653	ug/l	99
83) tert-Butylbenzene	13.441	119	112171	16.381	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	137213	17.406	ug/l	100
85) sec-Butylbenzene	13.623	105	157664	16.725	ug/l	100
86) p-Isopropyltoluene	13.735	119	123617	16.413	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	65085	15.775	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	63696	15.279	ug/l	99
89) n-Butylbenzene	14.059	91	95408	16.109	ug/l	97
90) Hexachloroethane	14.335	117	25192	16.471	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	62885	15.440	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8049	14.314	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	17033	11.638	ug/l	99
94) Hexachlorobutadiene	15.506	225	14388	12.497	ug/l	96
95) Naphthalene	15.647	128	40643	9.350	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	19411	11.243	ug/l	98

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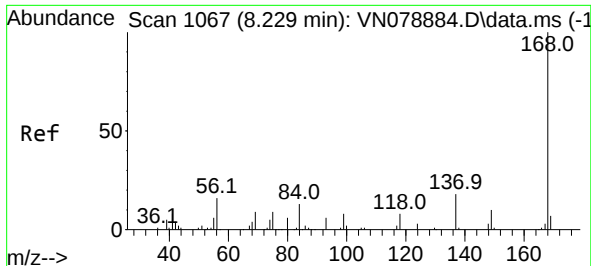
Manual Integrations
APPROVED

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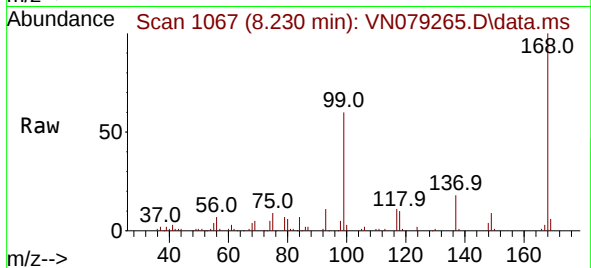
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079265.D
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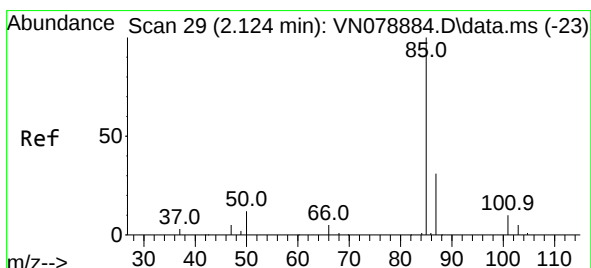
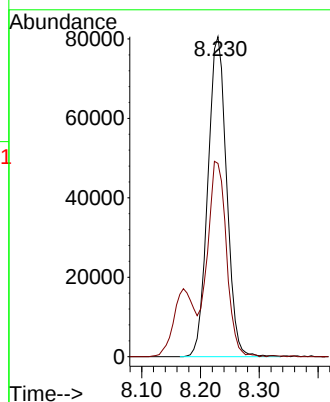
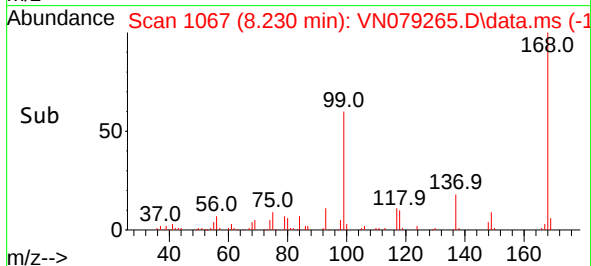
Instrument :
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ClientSampleId :
VN0915MBS01



Tgt Ion:168 Resp: 178472
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6

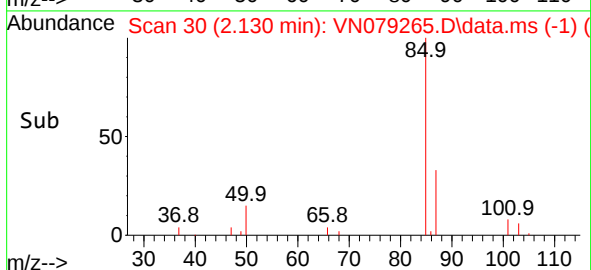
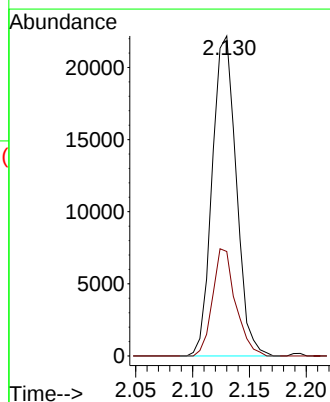
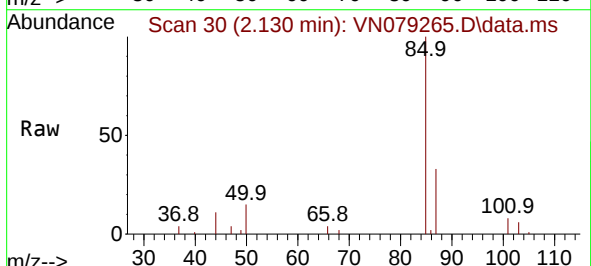
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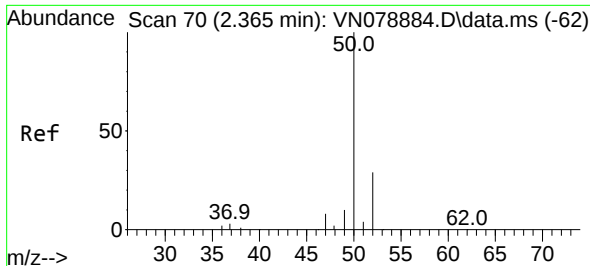
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#2
Dichlorodifluoromethane
Concen: 18.496 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Tgt Ion: 85 Resp: 32662
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





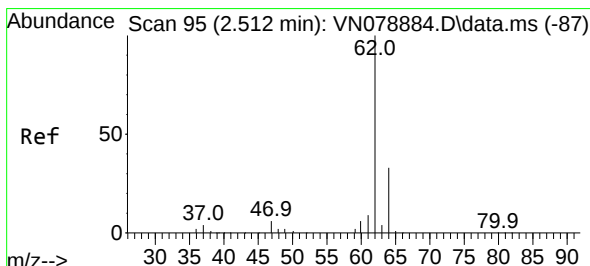
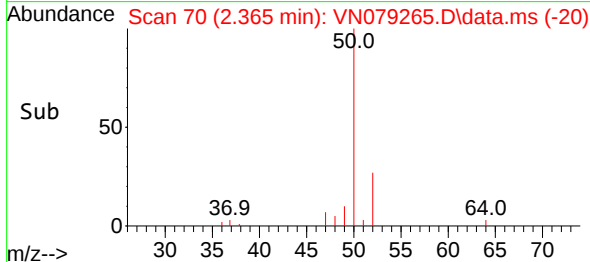
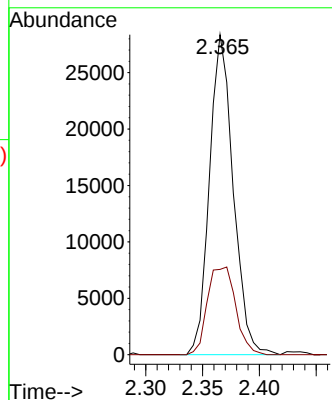
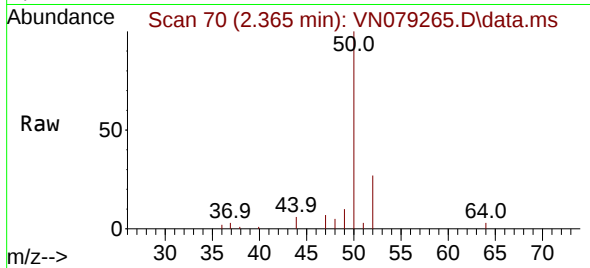
#3
Chloromethane
Concen: 17.806 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Instrument :
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Tgt Ion: 50 Resp: 41278
Ion Ratio Lower Upper
50 100
52 26.6 26.5 39.7

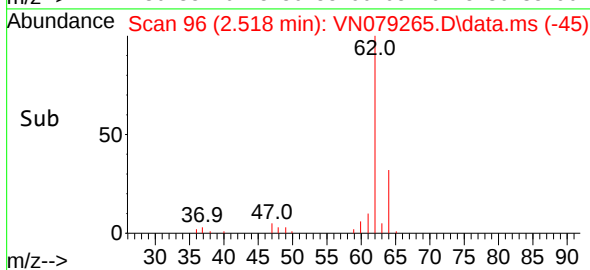
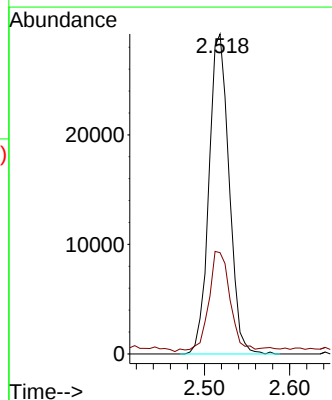
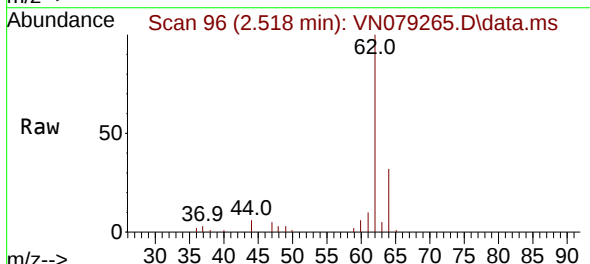
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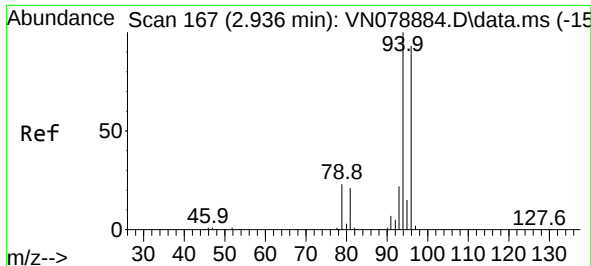
Reviewed By :John Carlone 09/18/2023
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#4
Vinyl Chloride
Concen: 18.932 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Tgt Ion: 62 Resp: 47820
Ion Ratio Lower Upper
62 100
64 30.1 26.2 39.2





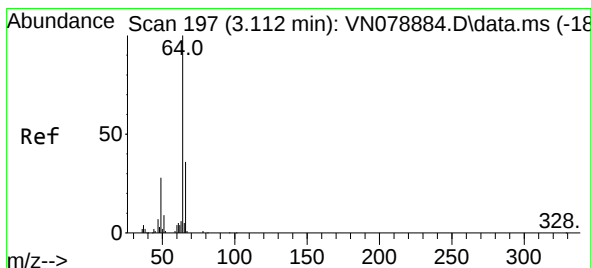
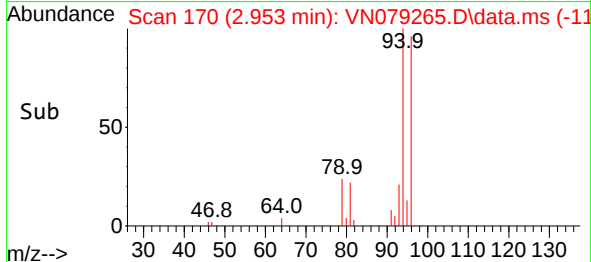
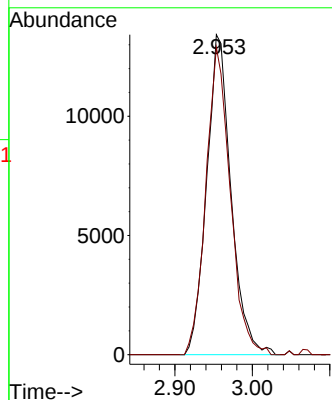
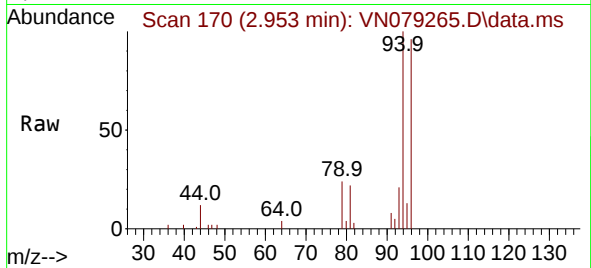
#5
Bromomethane
Concen: 20.286 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Instrument :
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Tgt Ion: 94 Resp: 2945
Ion Ratio Lower Upper
94 100
96 96.0 73.1 109.7

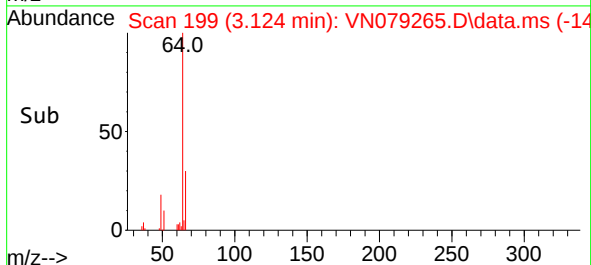
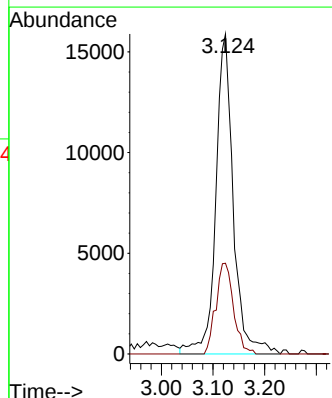
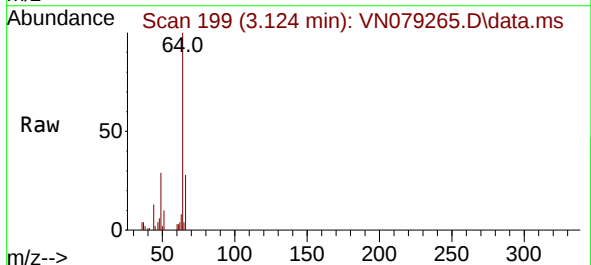
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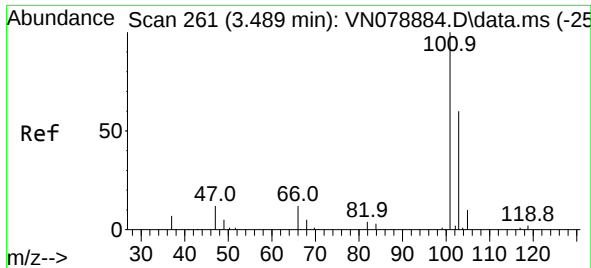
Reviewed By :John Carlone 09/18/2023
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#6
Chloroethane
Concen: 22.559 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Tgt Ion: 64 Resp: 37310
Ion Ratio Lower Upper
64 100
66 28.3 25.4 38.2





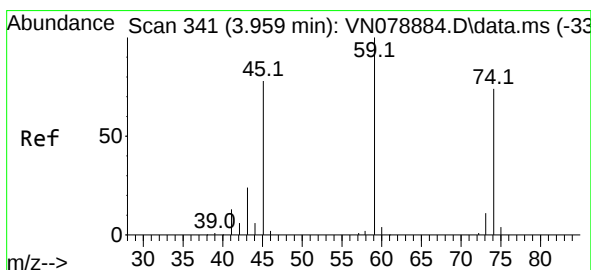
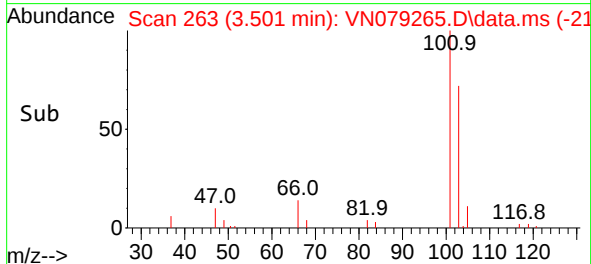
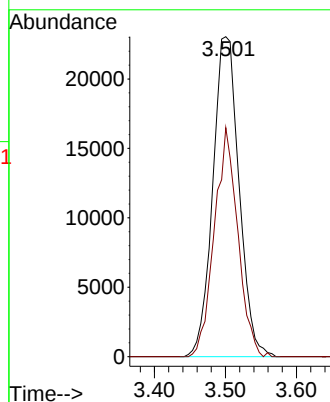
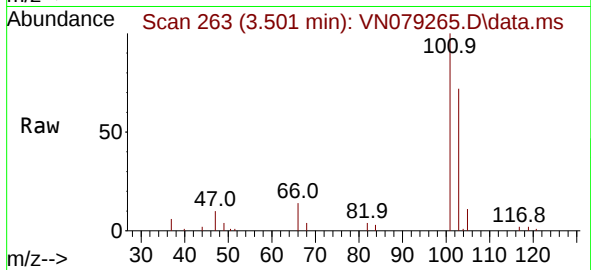
#7
Trichlorofluoromethane
Concen: 15.987 ug/l
RT: 3.501 min Scan# 261
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Instrument :
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ClientSampleId :
VN0915MBS01

Tgt Ion:101 Resp: 59130
Ion Ratio Lower Upper
101 100
103 71.5 50.7 76.1

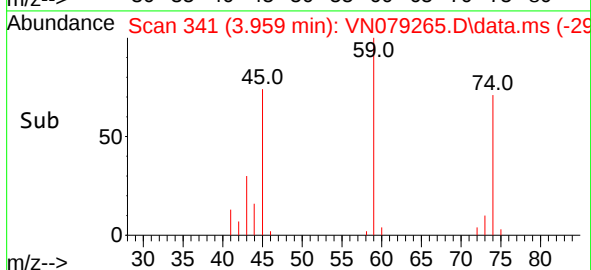
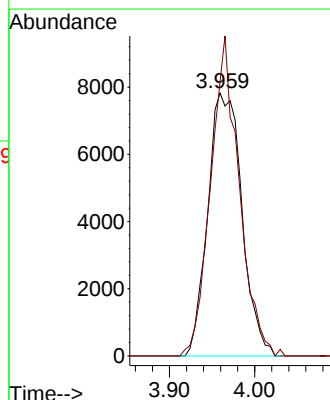
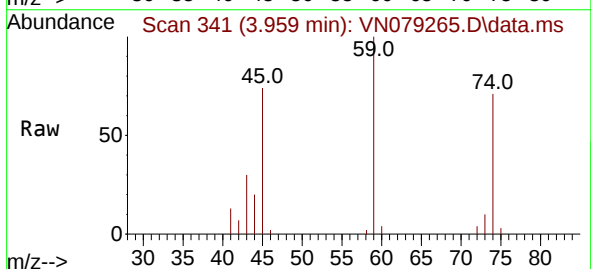
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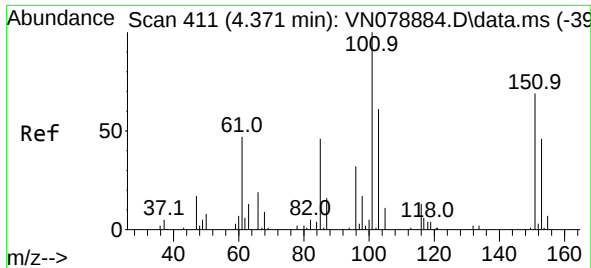
Reviewed By :John Carbone 09/18/2023
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#8
Diethyl Ether
Concen: 16.942 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Tgt Ion: 74 Resp: 21750
Ion Ratio Lower Upper
74 100
45 101.8 34.4 103.3





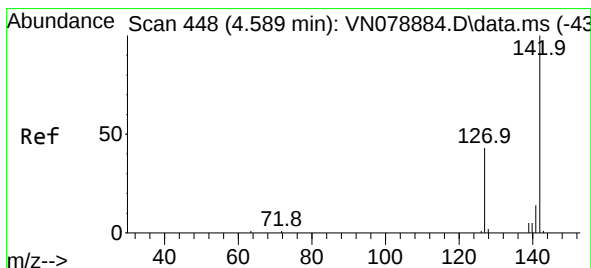
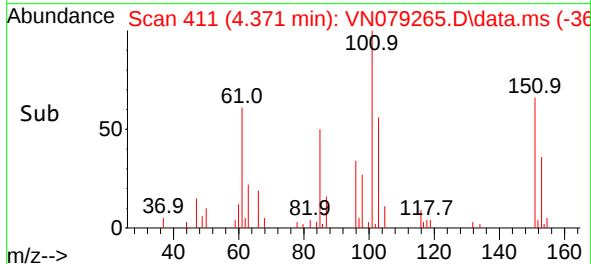
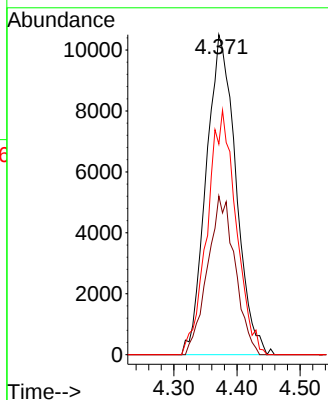
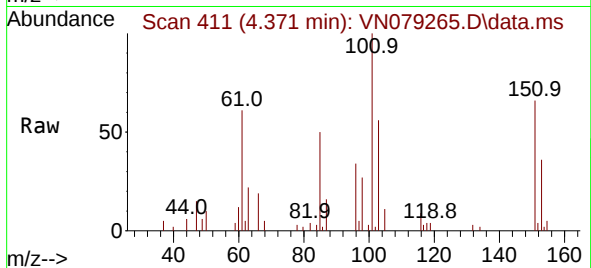
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.419 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

Tgt Ion:101 Resp: 3426
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 74.2 57.6 86.4

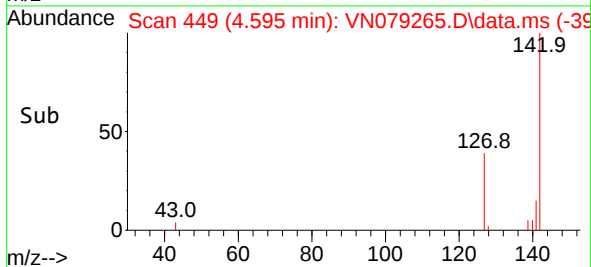
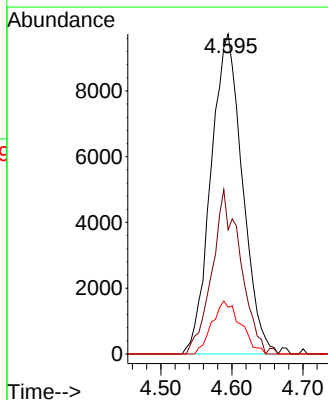
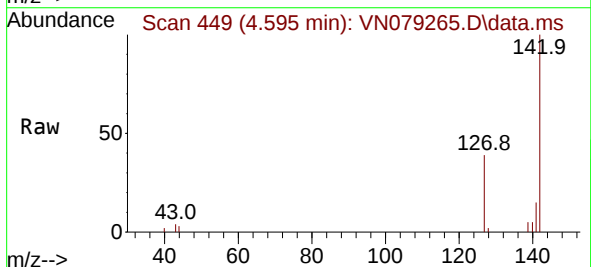
Manual Integrations
APPROVED

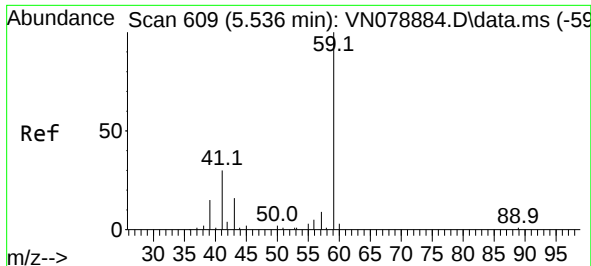
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#10
Methyl Iodide
Concen: 18.595 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

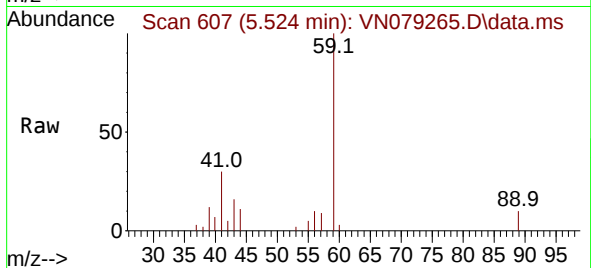
Tgt Ion:142 Resp: 29920
Ion Ratio Lower Upper
142 100
127 38.8 37.6 56.4
141 14.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 67.994 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

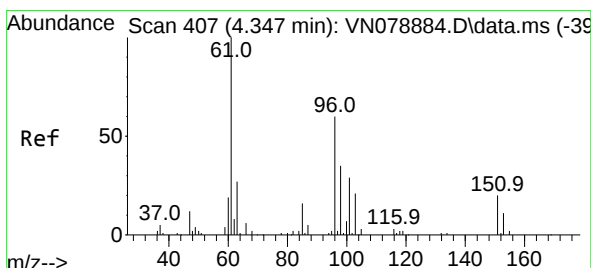
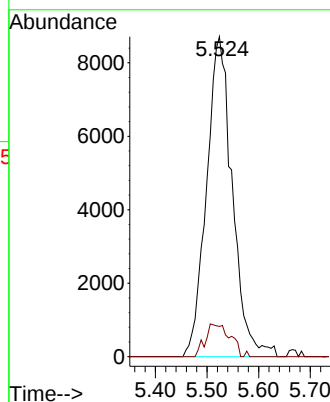
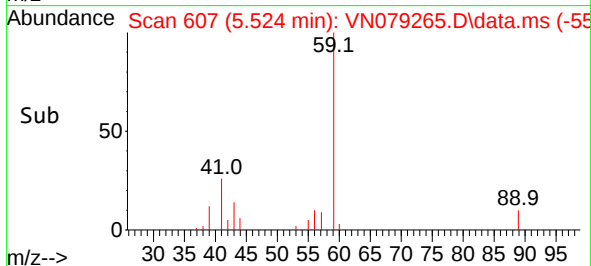
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



Tgt Ion: 59 Resp: 3024
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

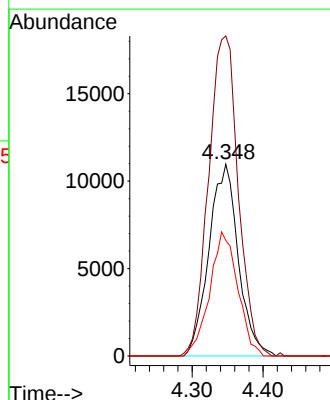
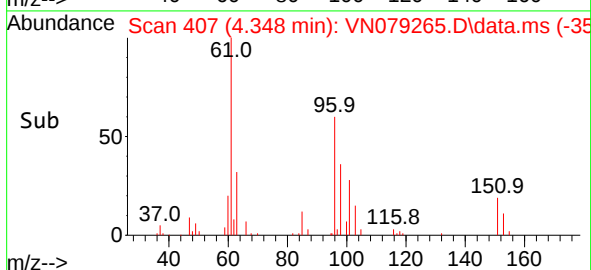
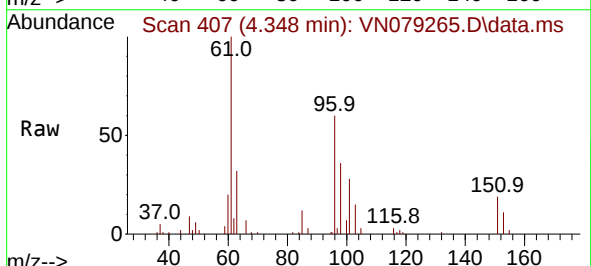
Manual Integrations
APPROVED

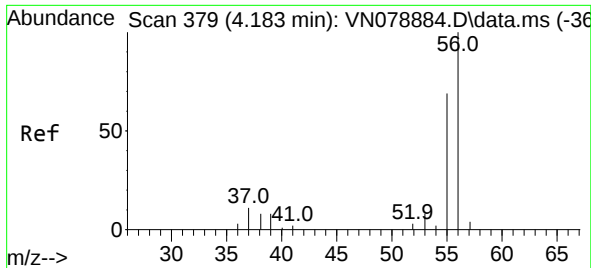
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#12
1,1-Dichloroethene
Concen: 16.538 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Tgt Ion: 96 Resp: 31480
Ion Ratio Lower Upper
96 100
61 166.9 112.7 169.1
98 60.3 51.2 76.8





#13

Acrolein

Concen: 108.569 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

Tgt Ion: 56 Resp: 46064

Ion Ratio Lower Upper

56 100

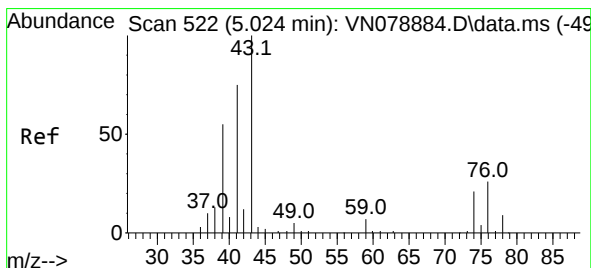
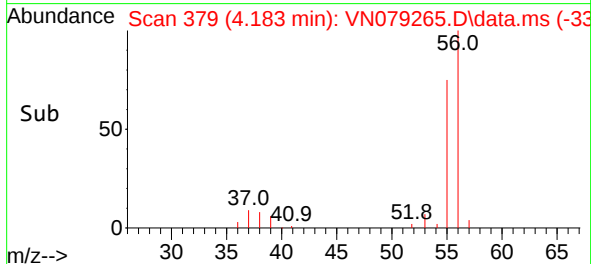
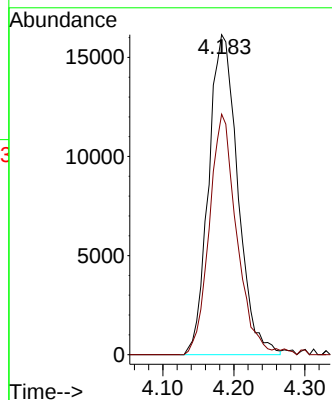
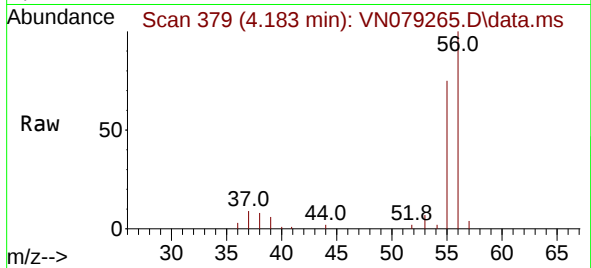
55 70.1 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#14

Allyl chloride

Concen: 16.384 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.006 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

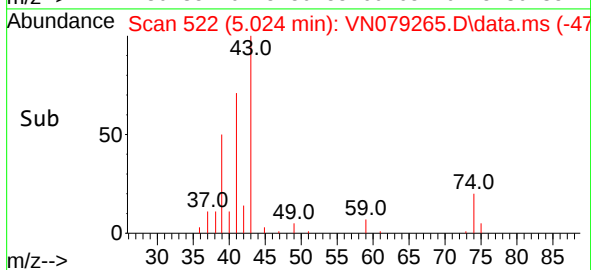
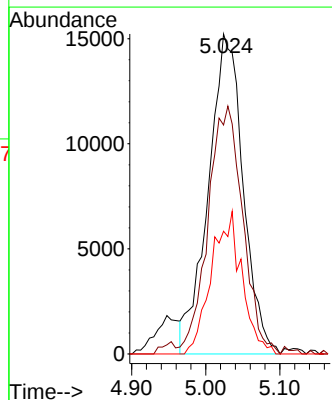
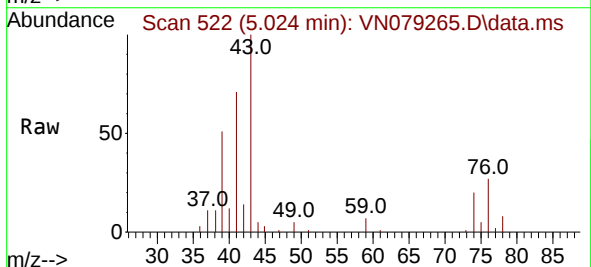
Tgt Ion: 41 Resp: 49750

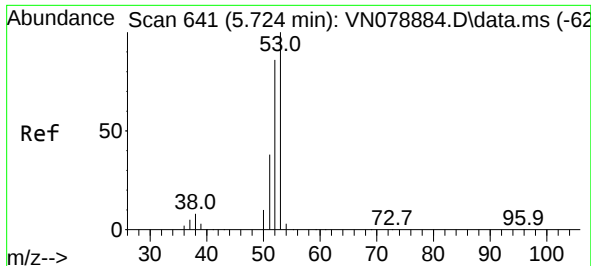
Ion Ratio Lower Upper

41 100

39 77.3 58.8 88.2

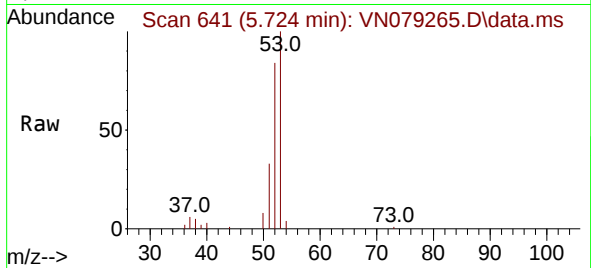
76 38.9 39.1 58.7#





#15
Acrylonitrile
Concen: 79.985 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

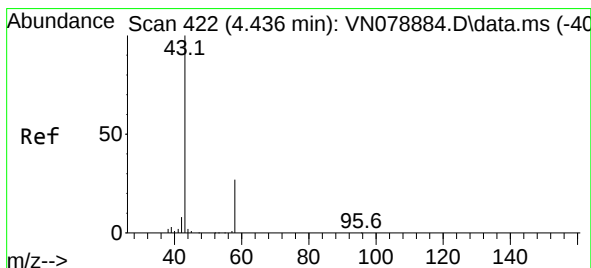
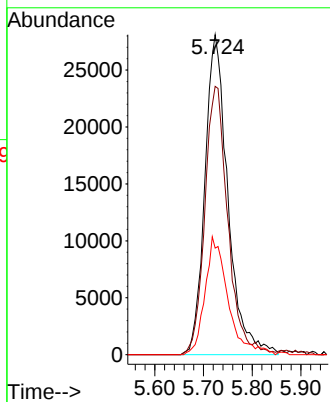
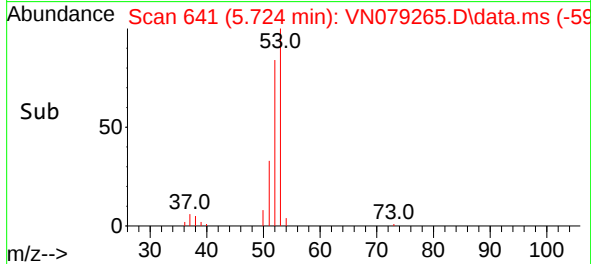
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



Tgt Ion: 53 Resp: 92249
Ion Ratio Lower Upper
53 100
52 83.8 65.3 97.9
51 36.7 28.9 43.3

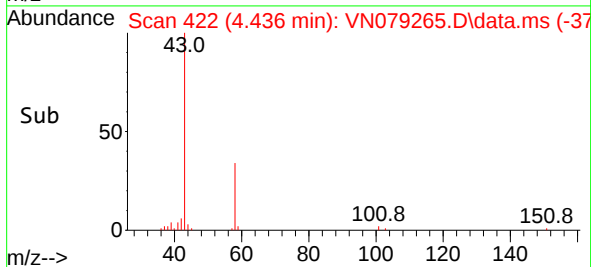
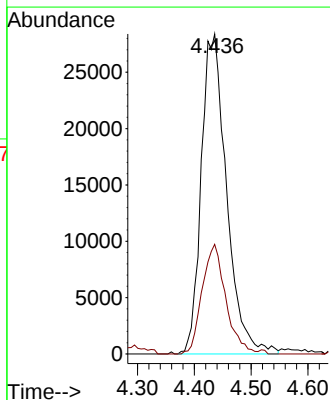
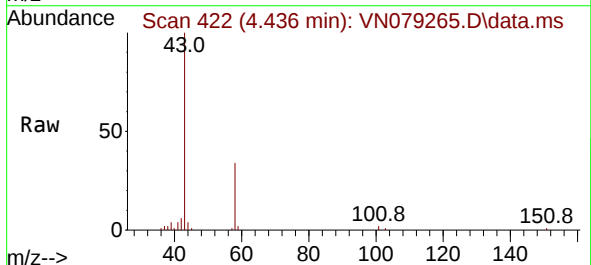
Manual Integrations
APPROVED

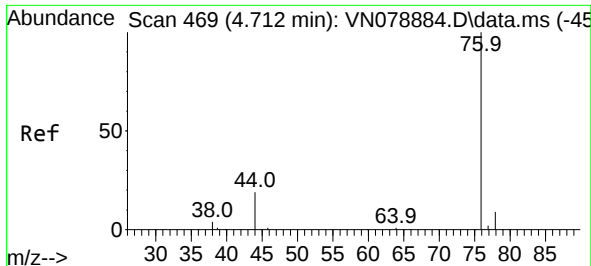
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#16
Acetone
Concen: 85.868 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Tgt Ion: 43 Resp: 87860
Ion Ratio Lower Upper
43 100
58 34.3 28.0 42.0





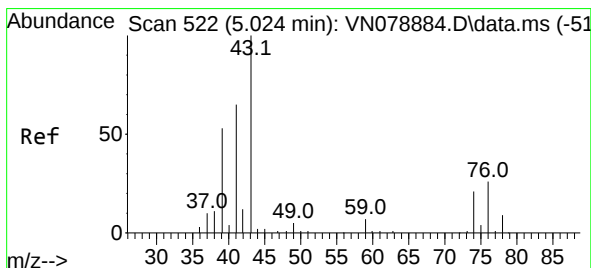
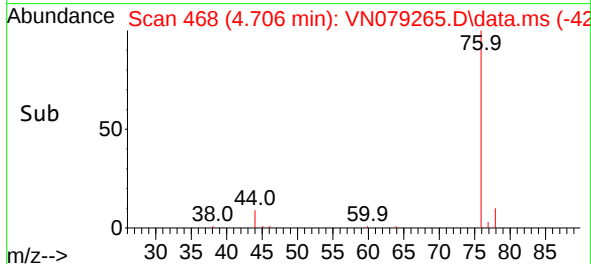
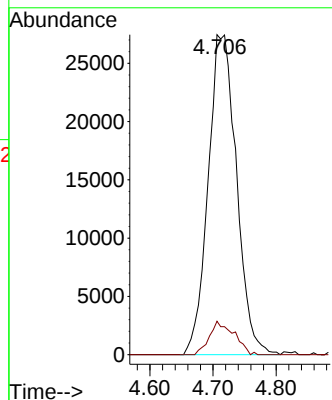
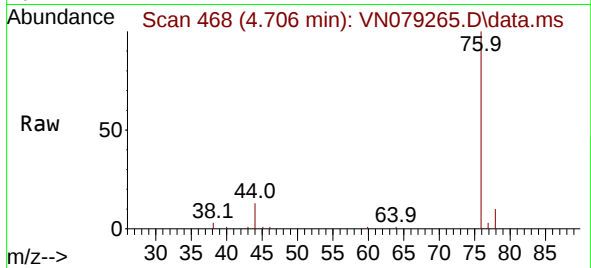
#17
Carbon Disulfide
Concen: 14.419 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.018 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

Tgt Ion: 76 Resp: 85779
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0

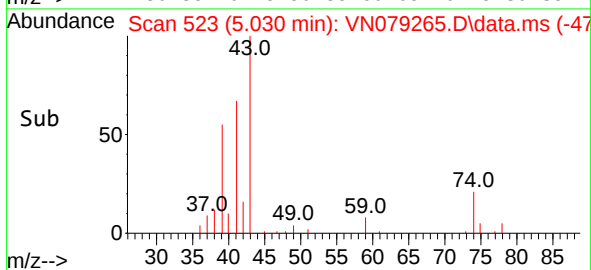
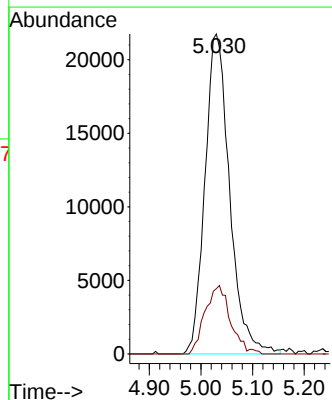
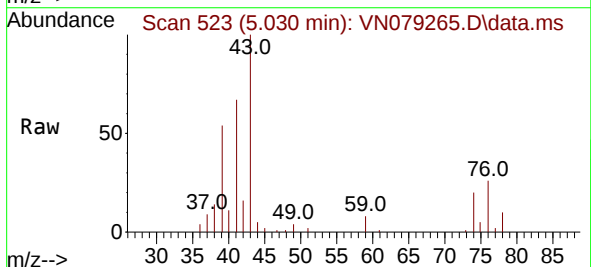
Manual Integrations
APPROVED

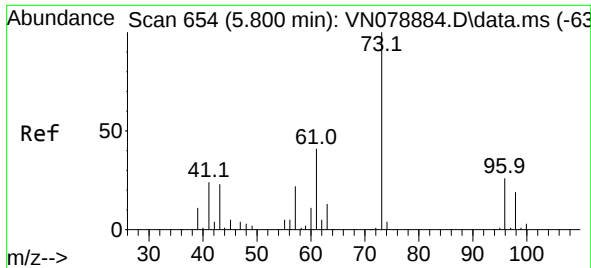
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#18
Methyl Acetate
Concen: 17.140 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Tgt Ion: 43 Resp: 72079
Ion Ratio Lower Upper
43 100
74 22.1 26.2 39.4#





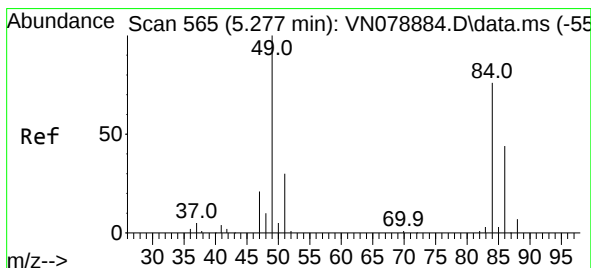
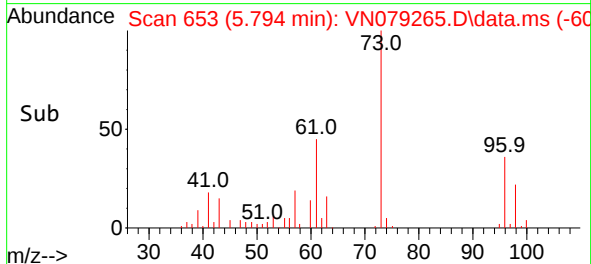
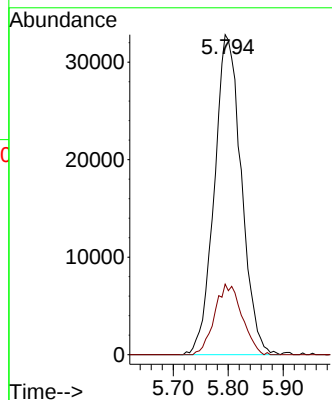
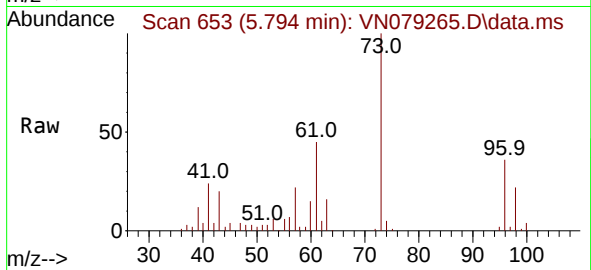
#19
Methyl tert-butyl Ether
Concen: 17.113 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.024 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

Tgt Ion: 73 Resp: 111719
Ion Ratio Lower Upper
73 100
57 22.1 15.6 23.4

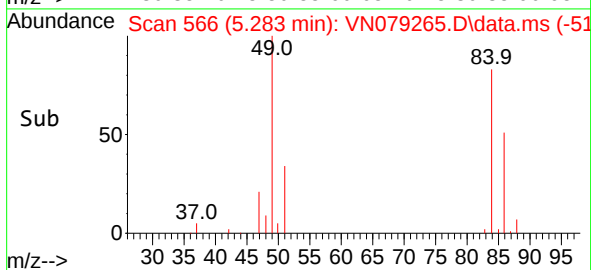
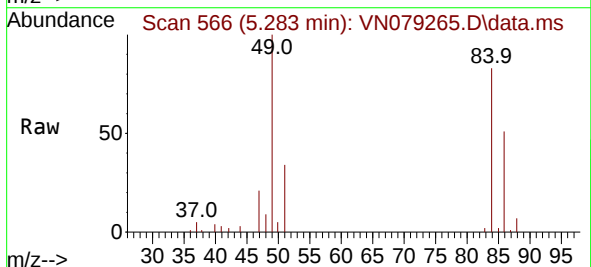
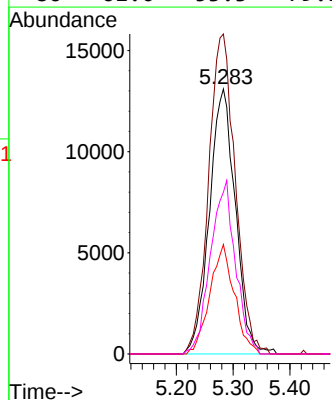
Manual Integrations
APPROVED

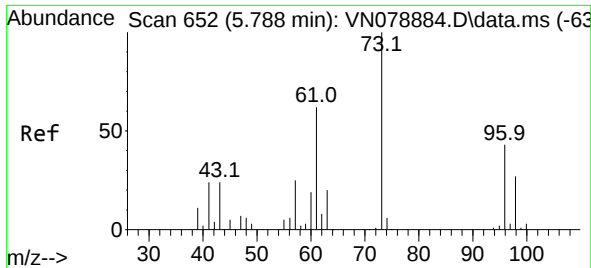
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#20
Methylene Chloride
Concen: 16.714 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

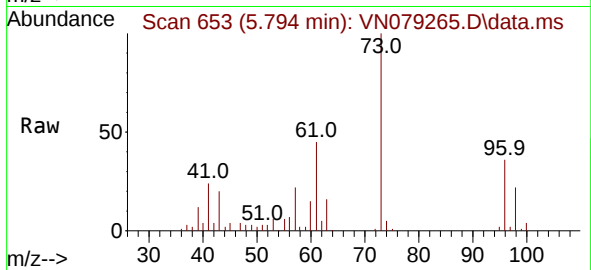
Tgt Ion: 84 Resp: 41618
Ion Ratio Lower Upper
84 100
49 120.8 79.7 119.5#
51 41.3 25.2 37.8#
86 61.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 16.061 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

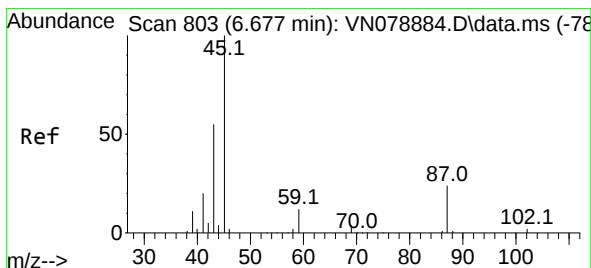
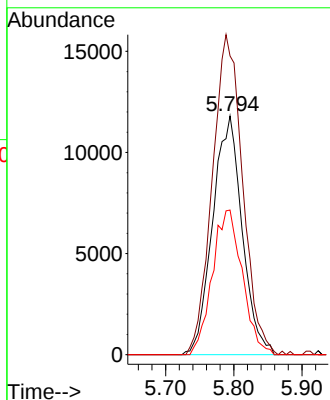
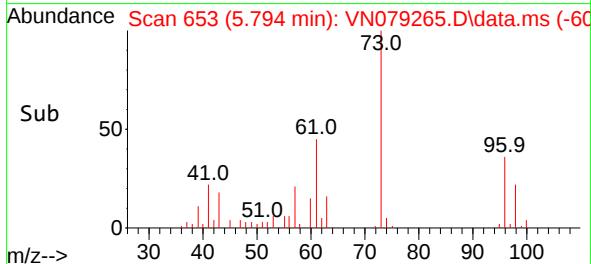
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



Tgt Ion: 96 Resp: 3546
Ion Ratio Lower Upper
96 100
61 125.1 90.1 135.1
98 60.6 46.4 69.6

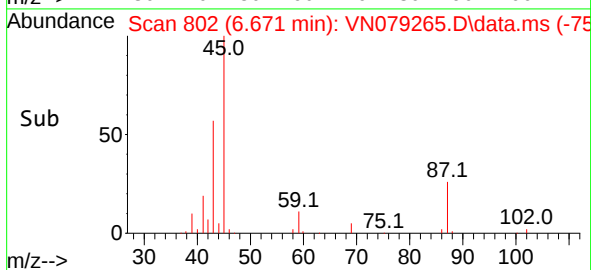
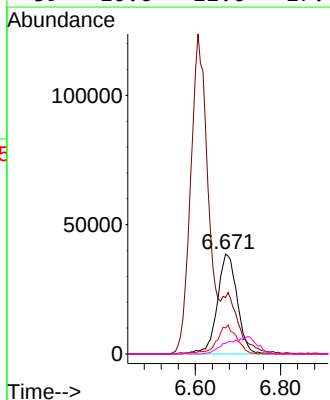
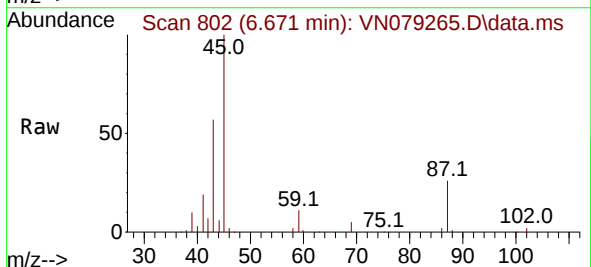
Manual Integrations
APPROVED

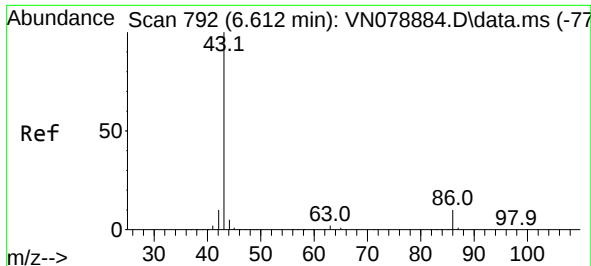
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#22
Diisopropyl ether
Concen: 18.789 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.018 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

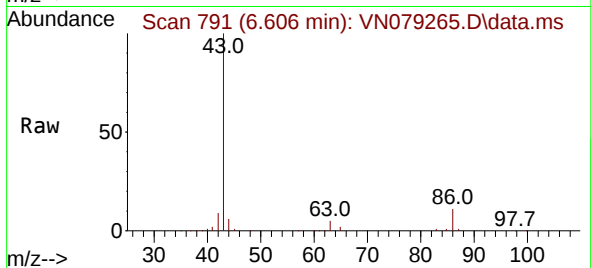
Tgt Ion: 45 Resp: 125178
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 26.1 31.8 47.8#
59 10.6 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 86.428 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079265.D
 Acq: 15 Sep 2023 12:05

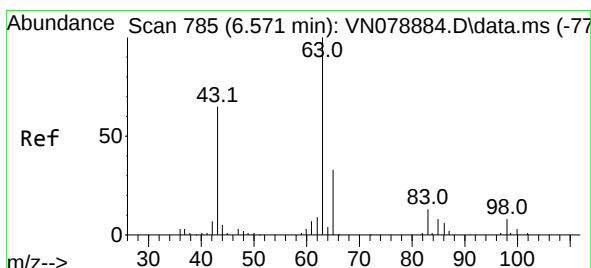
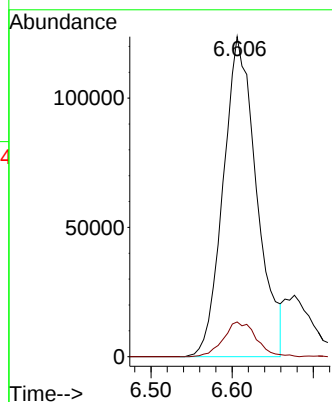
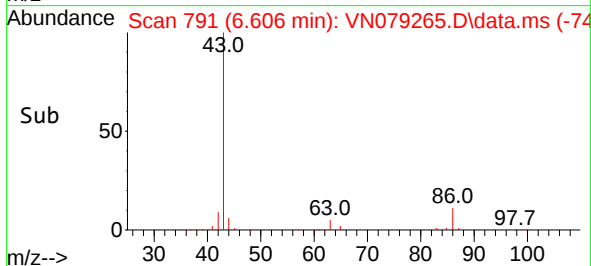
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01



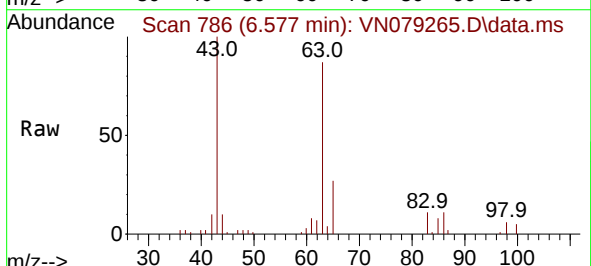
Tgt Ion: 43 Resp: 35417
 Ion Ratio Lower Upper
 43 100
 86 10.9 13.0 19.6

Manual Integrations
 APPROVED

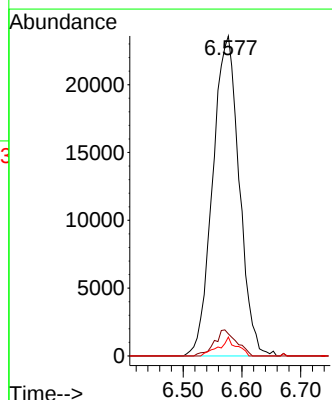
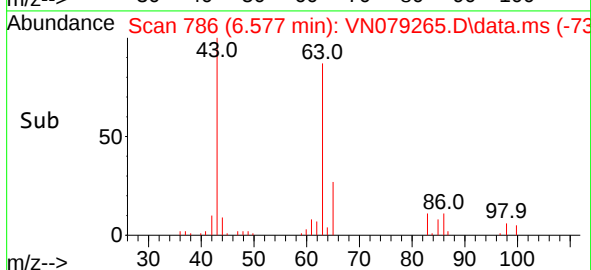
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023

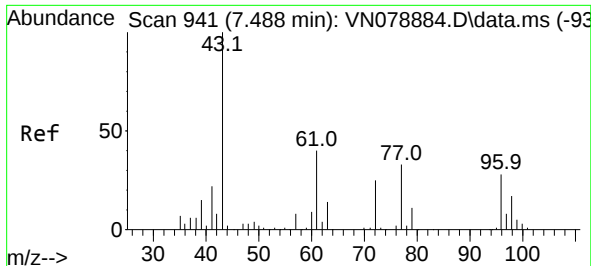


#24
 1,1-Dichloroethane
 Concen: 18.022 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079265.D
 Acq: 15 Sep 2023 12:05



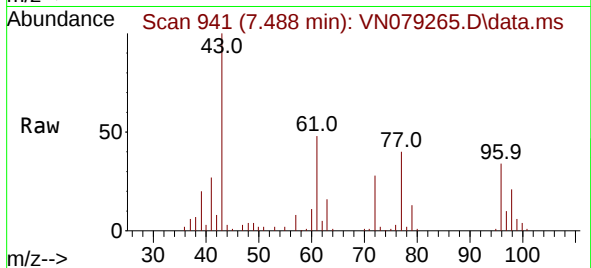
Tgt Ion: 63 Resp: 74020
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 5.9 2.5 7.4





#25
2-Butanone
Concen: 82.522 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

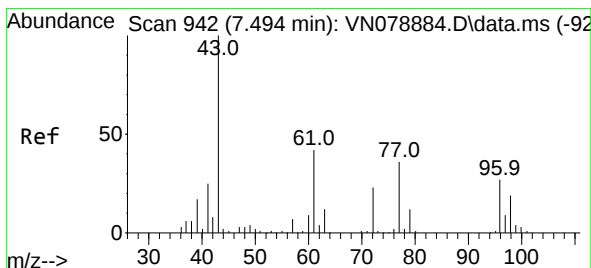
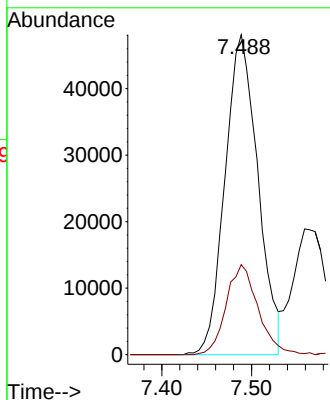
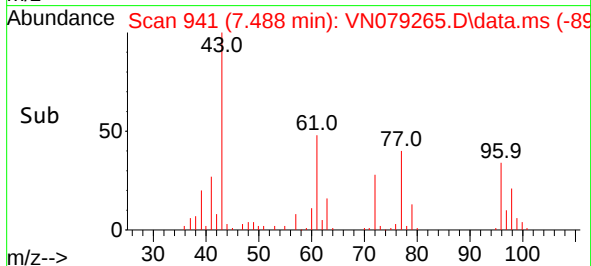
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



Tgt Ion: 43 Resp: 12251
Ion Ratio Lower Upper
43 100
72 28.1 30.2 45.2

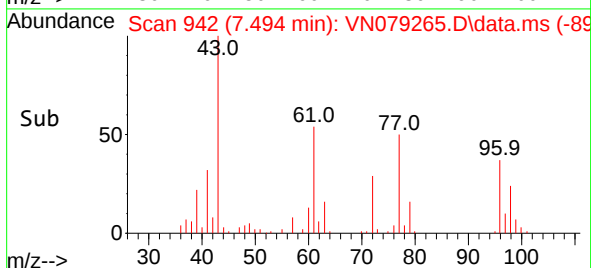
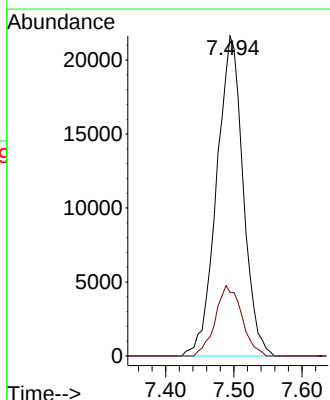
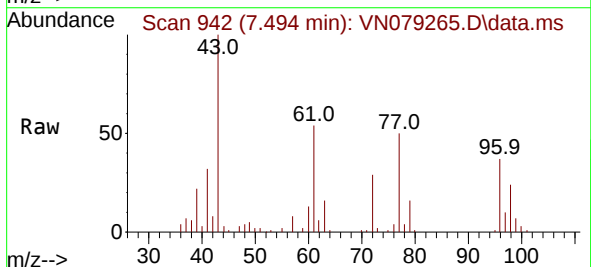
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#26
2,2-Dichloropropane
Concen: 17.358 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Tgt Ion: 77 Resp: 58504
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 16.949 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.012 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

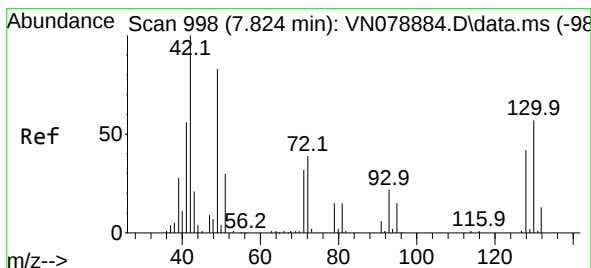
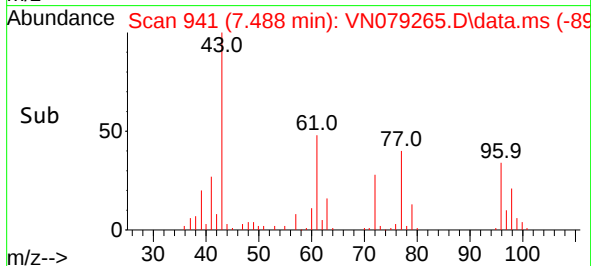
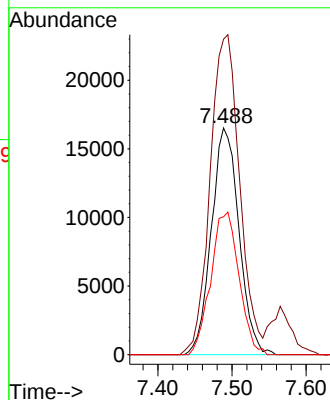
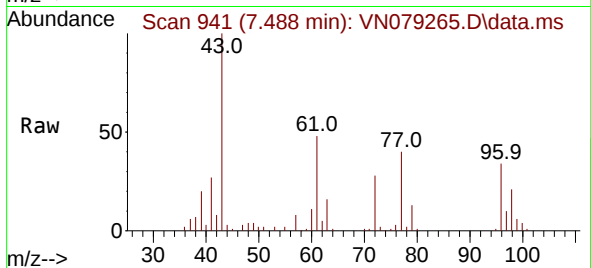
Tgt Ion:	96	Resp:	4279
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	255.2
98	64.2	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#28

Bromochloromethane

Concen: 23.016 ug/l

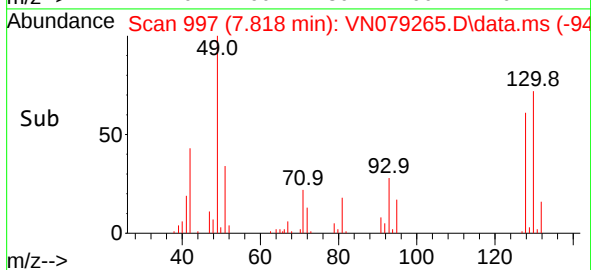
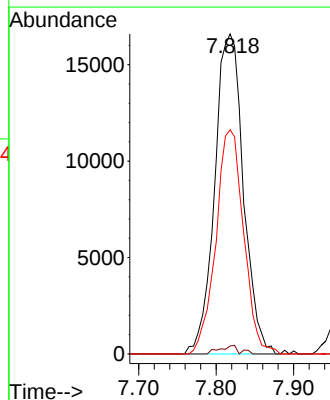
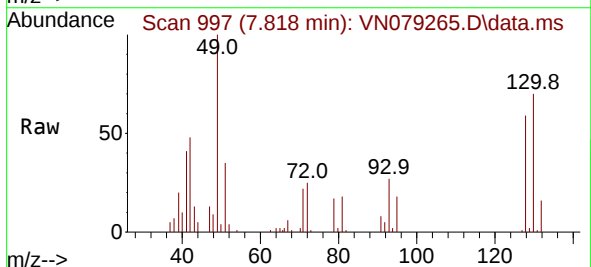
RT: 7.818 min Scan# 997

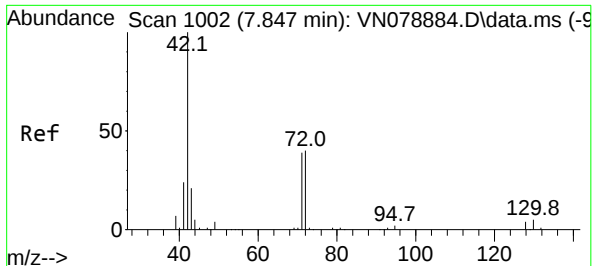
Delta R.T. -0.006 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Tgt Ion:	49	Resp:	42739
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.8
130	67.7	75.3	112.9





#29

Tetrahydrofuran

Concen: 83.533 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

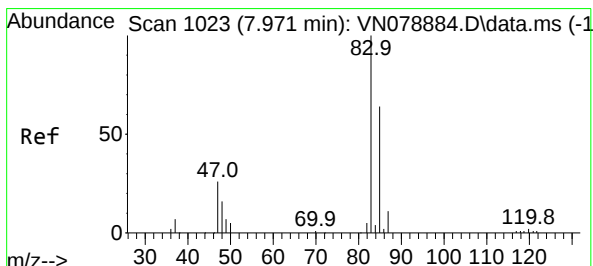
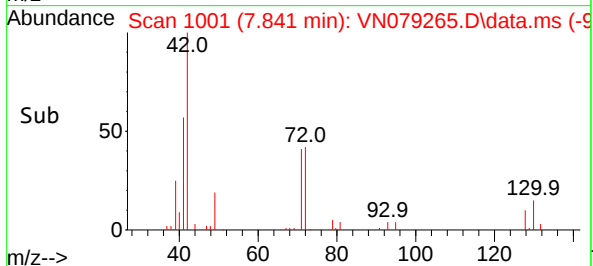
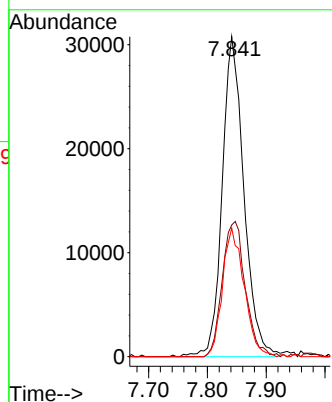
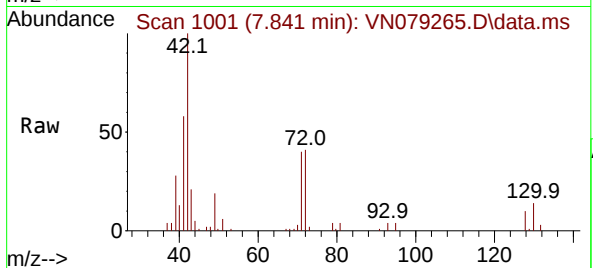
Tgt Ion: 42	Resp: 78919
Ion Ratio	Lower Upper
42 100	
72 44.8	49.8 74.6
71 40.0	47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#30

Chloroform

Concen: 17.750 ug/l

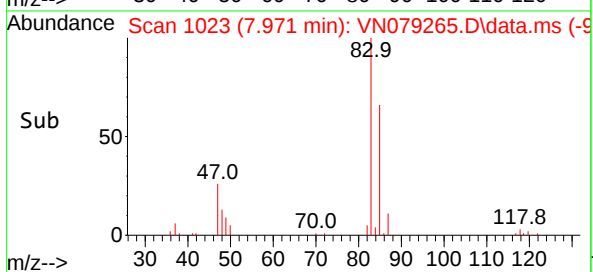
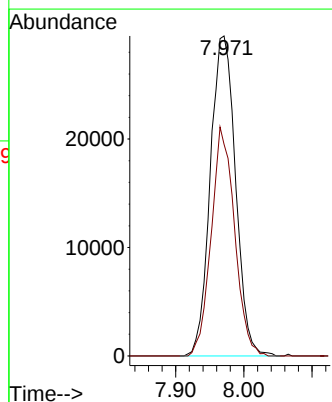
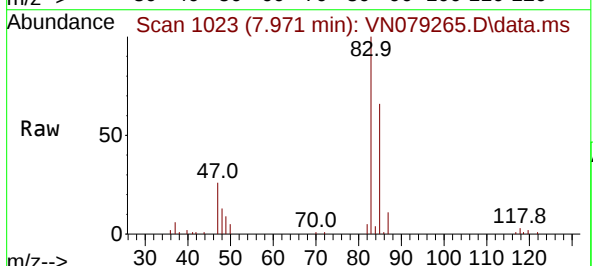
RT: 7.971 min Scan# 1023

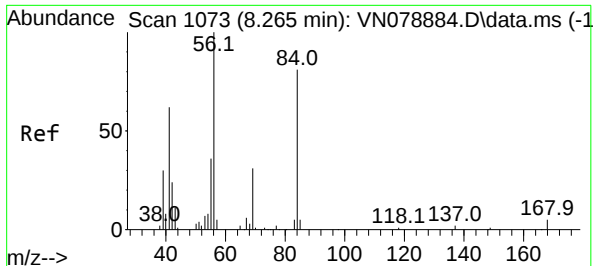
Delta R.T. -0.006 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

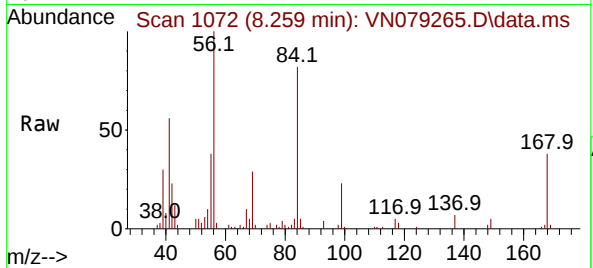
Tgt Ion: 83	Resp: 75900
Ion Ratio	Lower Upper
83 100	
85 66.2	55.4 83.0





#31
Cyclohexane
Concen: 17.189 ug/l
RT: 8.259 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

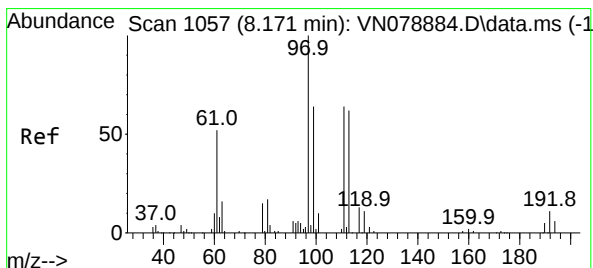
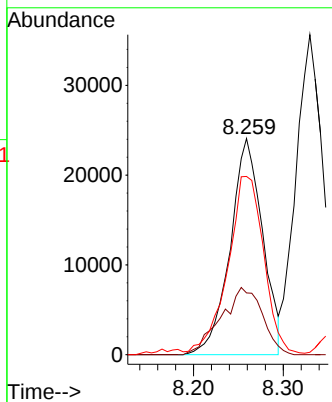
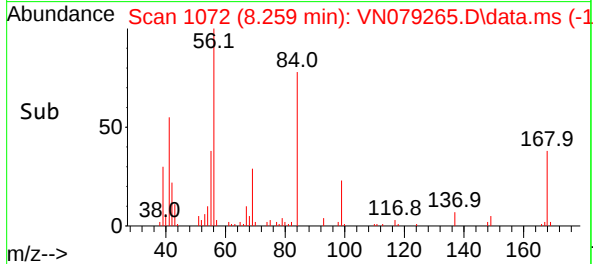
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



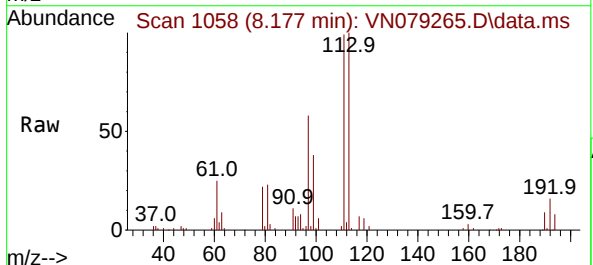
Tgt Ion: 56 Resp: 6046
Ion Ratio Lower Upper
56 100
69 28.6 26.8 40.2
84 80.0 81.8 122.6

Manual Integrations
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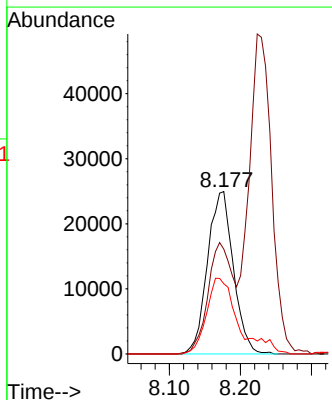
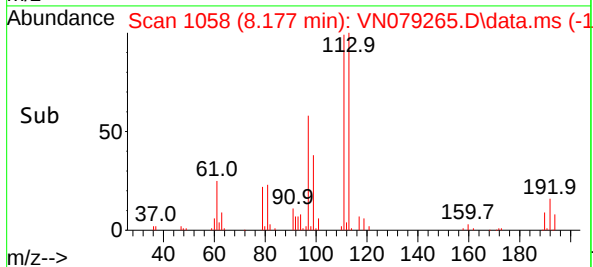
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

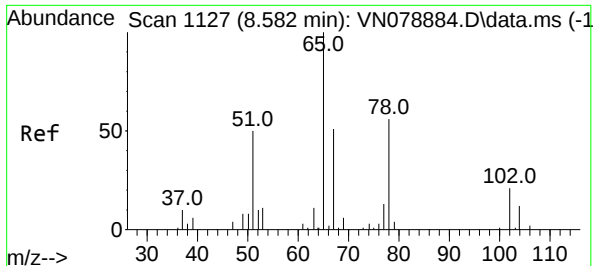


#32
1,1,1-Trichloroethane
Concen: 17.299 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05



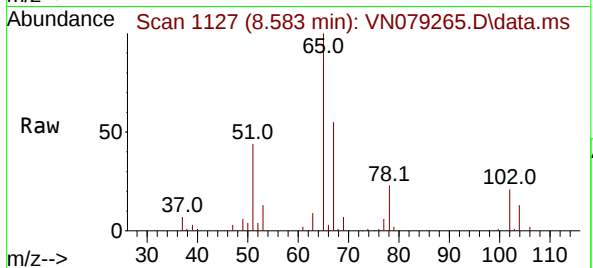
Tgt Ion: 97 Resp: 63058
Ion Ratio Lower Upper
97 100
99 65.6 50.3 75.5
61 57.1 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 57.296 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

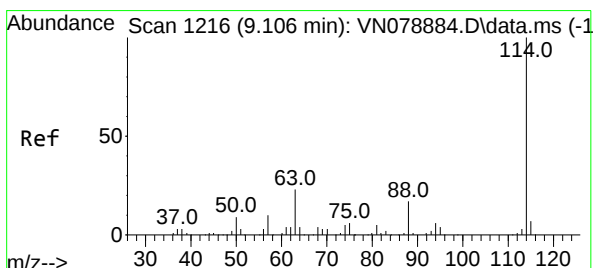
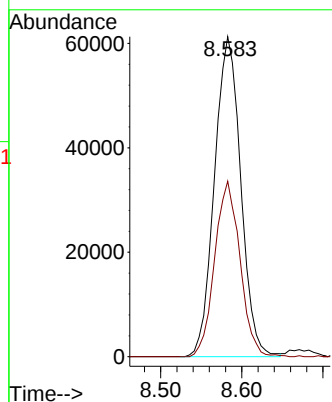
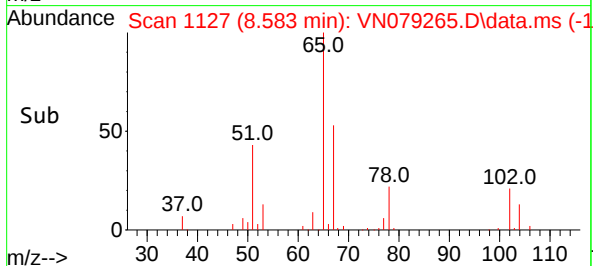
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



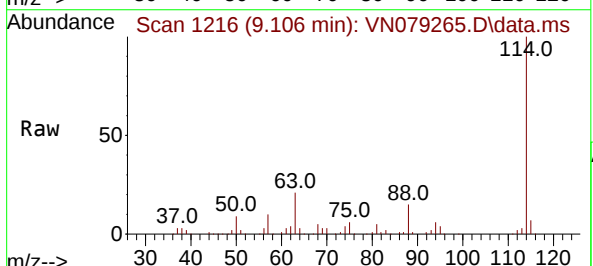
Tgt Ion: 65 Resp: 138038
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6

Manual Integrations
APPROVED

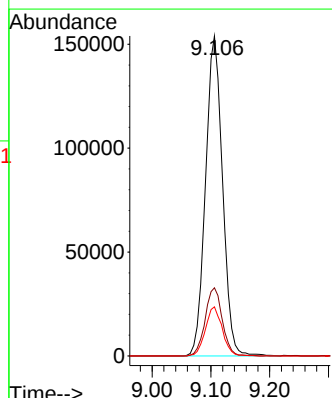
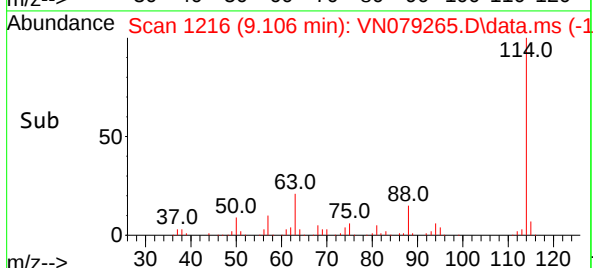
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05



Tgt Ion:114 Resp: 309743
Ion Ratio Lower Upper
114 100
63 21.3 0.0 36.4
88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.462 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

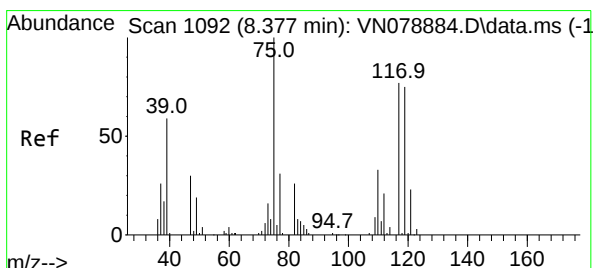
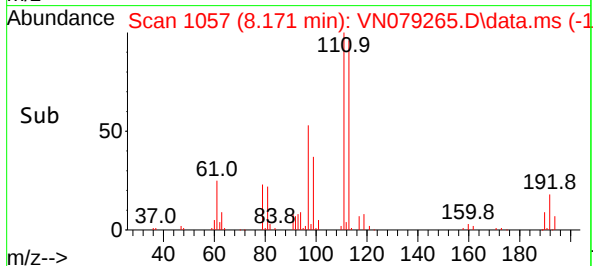
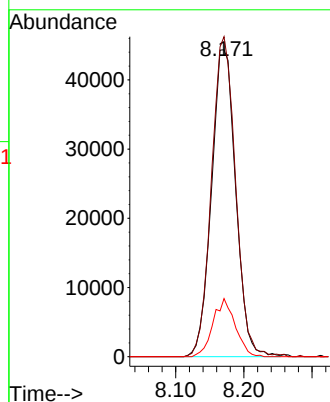
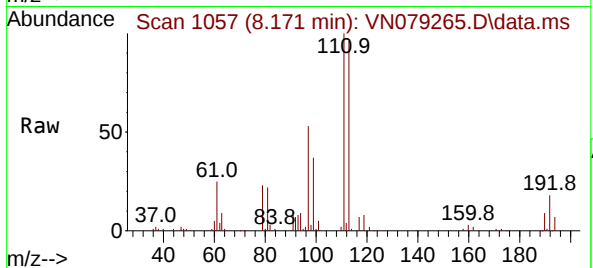
Tgt Ion:	113	Resp:	110150
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	17.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#36

1,1-Dichloropropene

Concen: 16.842 ug/l

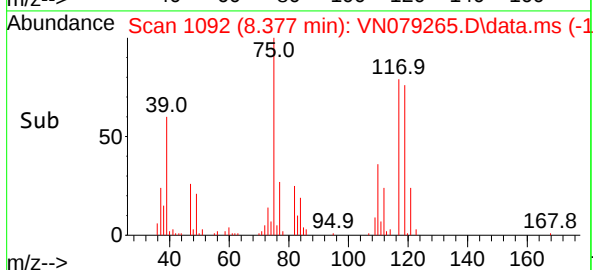
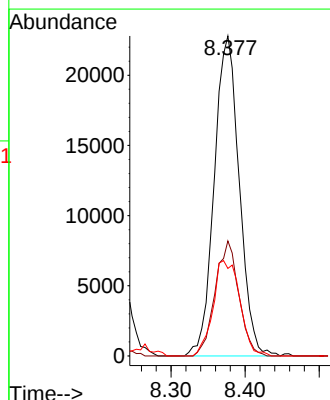
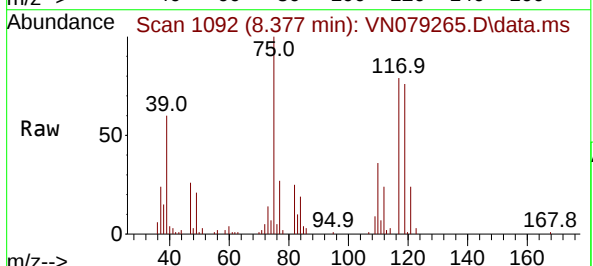
RT: 8.377 min Scan# 1092

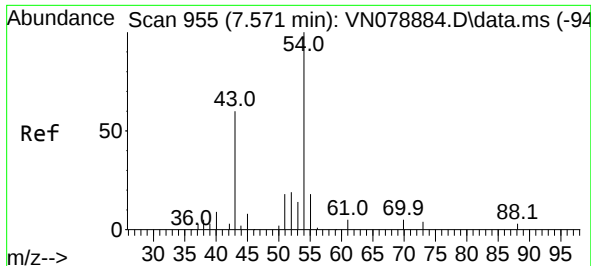
Delta R.T. -0.000 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Tgt Ion:	75	Resp:	53486
Ion	Ratio	Lower	Upper
75	100		
110	33.9	19.1	57.3
77	31.9	25.0	37.4





#37

Ethyl Acetate

Concen: 16.387 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

Tgt Ion: 43 Resp: 51900

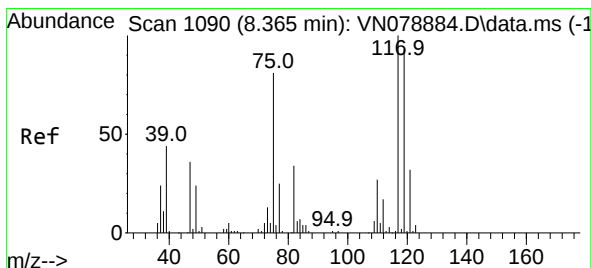
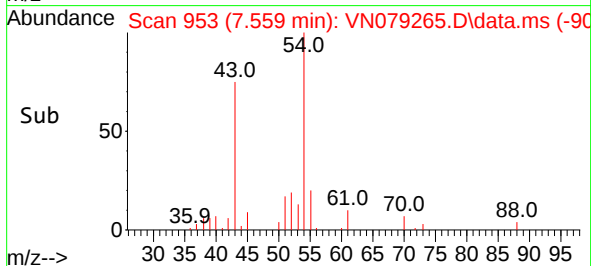
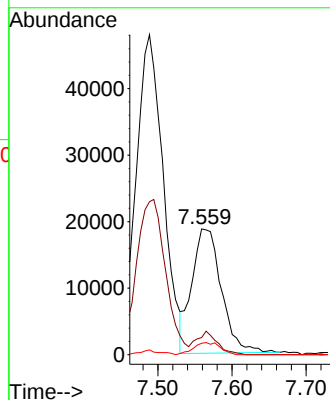
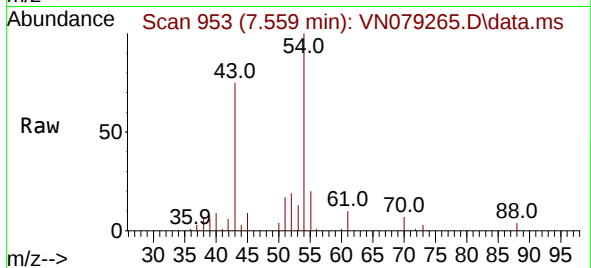
Ion	Ratio	Lower	Upper
43	100		
61	13.2	13.2	19.8
70	8.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#38

Carbon Tetrachloride

Concen: 16.307 ug/l

RT: 8.365 min Scan# 1090

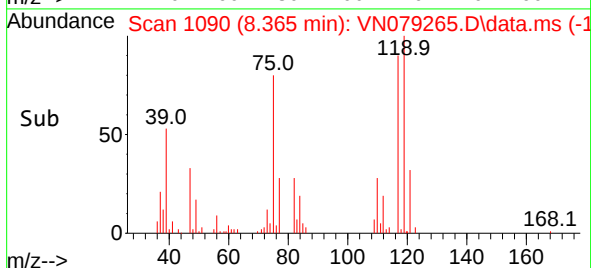
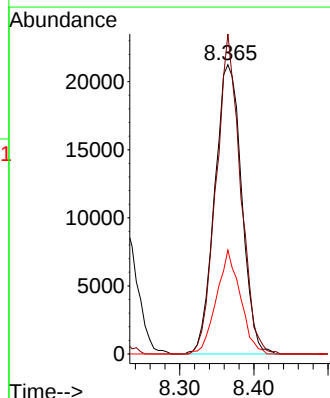
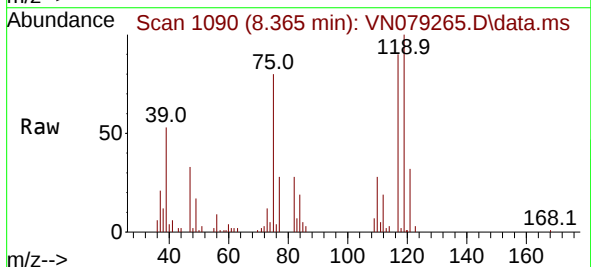
Delta R.T. -0.006 min

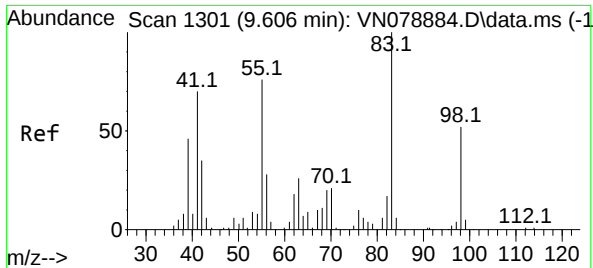
Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Tgt Ion:117 Resp: 53593

Ion	Ratio	Lower	Upper
117	100		
119	110.6	77.3	115.9
121	35.9	23.3	34.9





#39

Methylcyclohexane

Concen: 16.067 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

Tgt Ion: 83 Resp: 5033

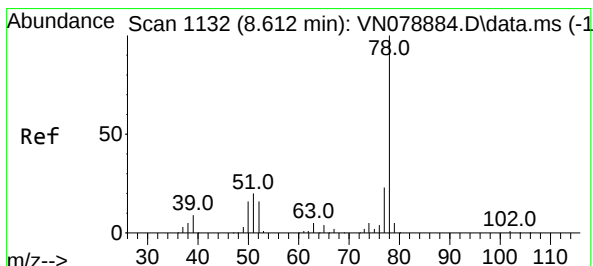
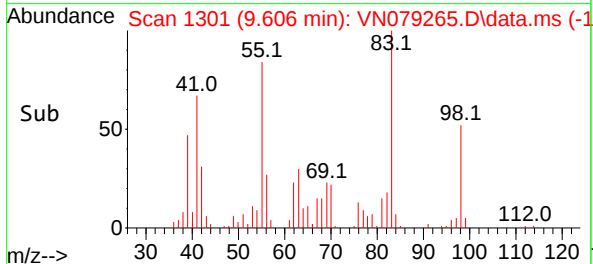
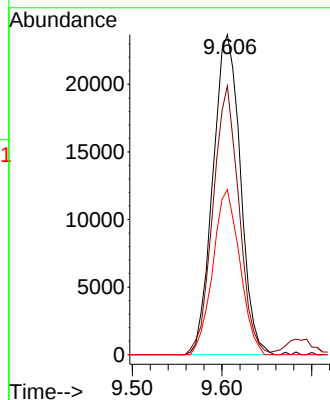
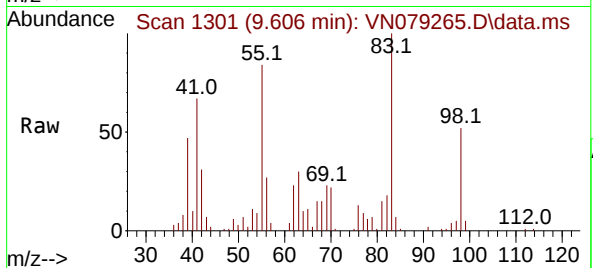
Ion	Ratio	Lower	Upper
83	100		
55	84.0	49.1	73.7
98	51.6	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#40

Benzene

Concen: 16.941 ug/l

RT: 8.606 min Scan# 1131

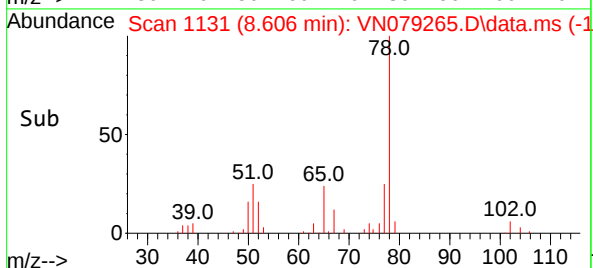
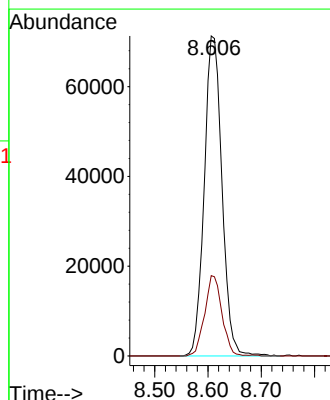
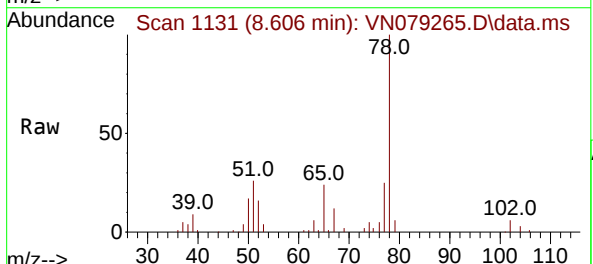
Delta R.T. -0.006 min

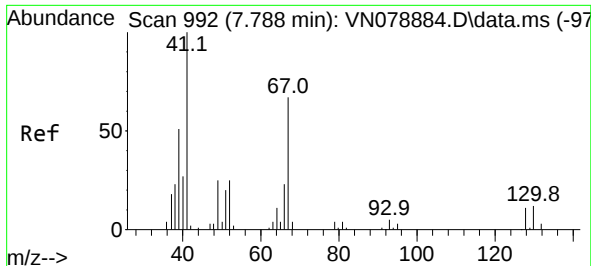
Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Tgt Ion: 78 Resp: 164697

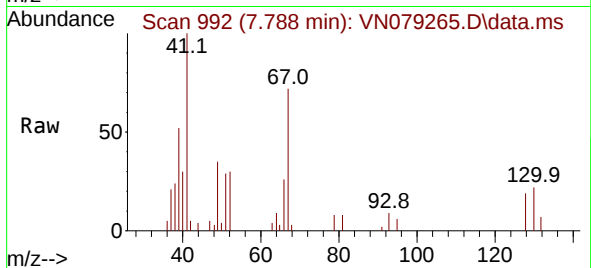
Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.0	28.6





#41
Methacrylonitrile
Concen: 16.130 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

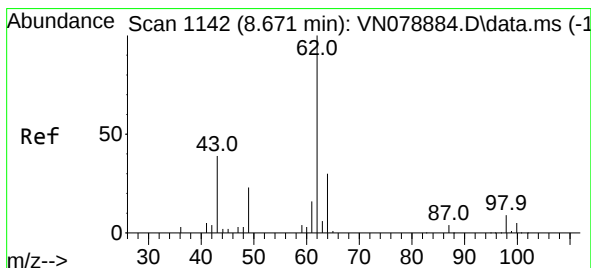
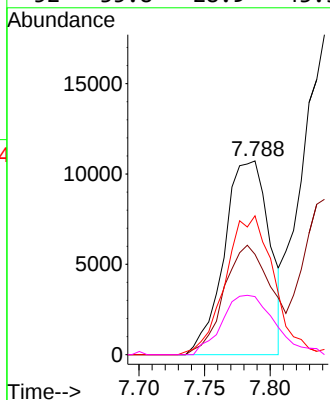
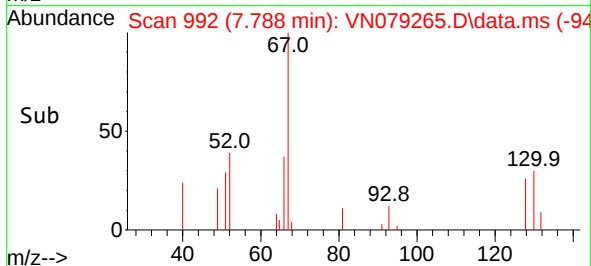
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



Tgt Ion:	41	Resp:	2576
Ion Ratio	100	Lower	Upper
39	59.5	42.6	64.0
67	76.2	77.5	116.3
52	35.8	28.9	43.3

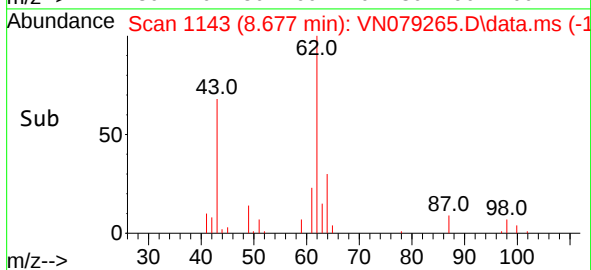
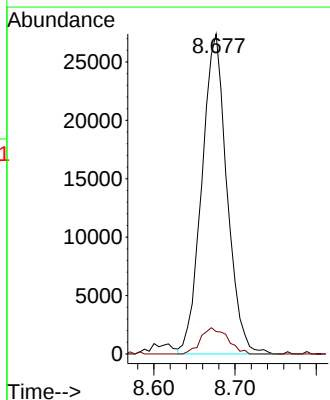
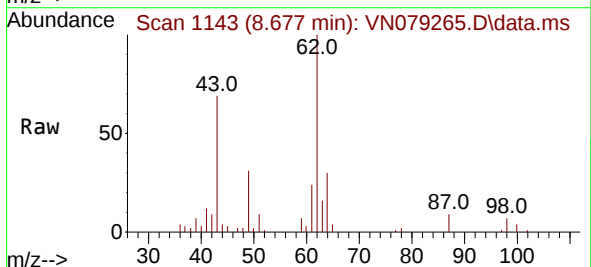
Manual Integrations
APPROVED

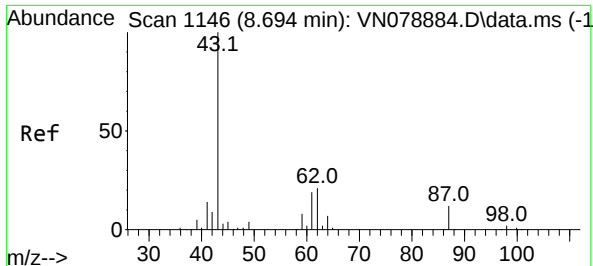
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#42
1,2-Dichloroethane
Concen: 17.612 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Tgt Ion:	62	Resp:	58944
Ion Ratio	100	Lower	Upper
98	8.8	0.0	19.8





#43

Isopropyl Acetate

Concen: 16.279 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

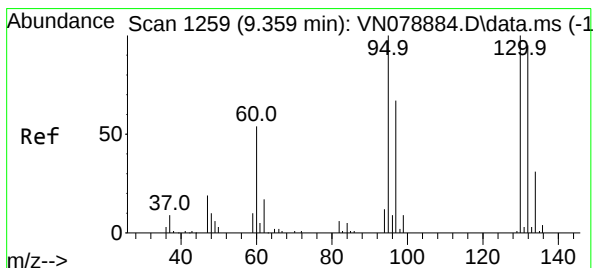
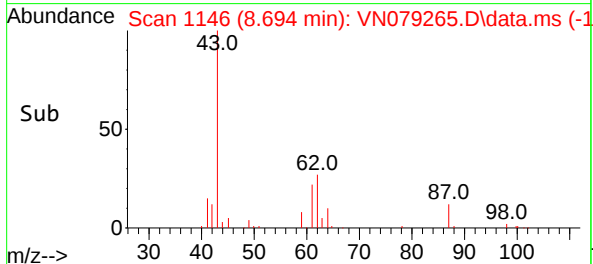
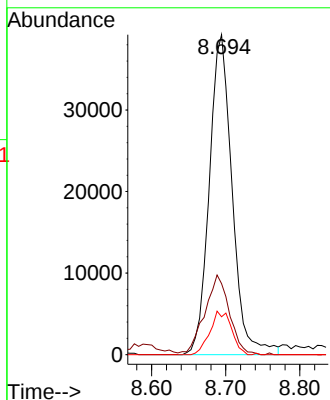
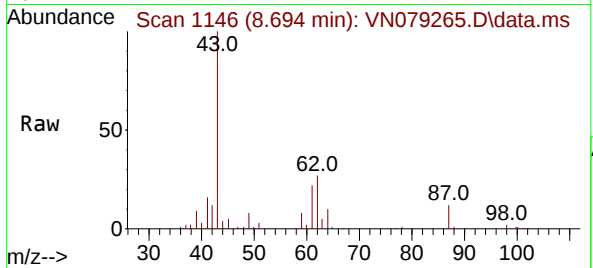
Tgt Ion: 43	Resp: 84139
Ion Ratio	Lower Upper
43	100
61	26.8 24.7 37.1
87	12.8 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#44

Trichloroethene

Concen: 16.190 ug/l

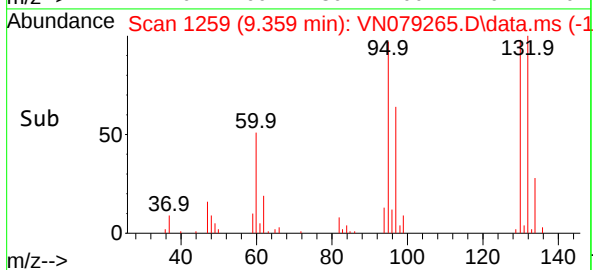
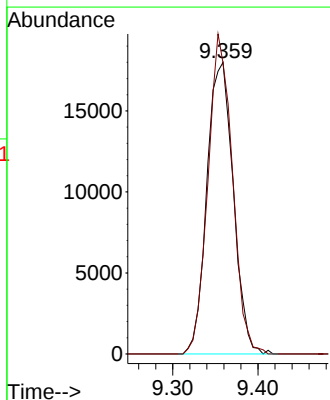
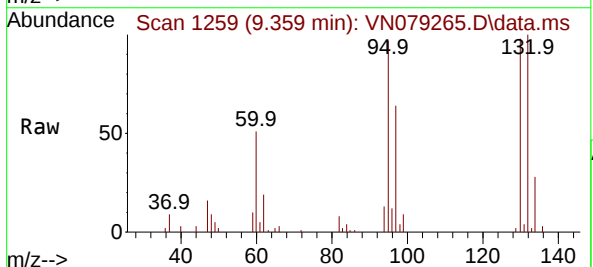
RT: 9.359 min Scan# 1259

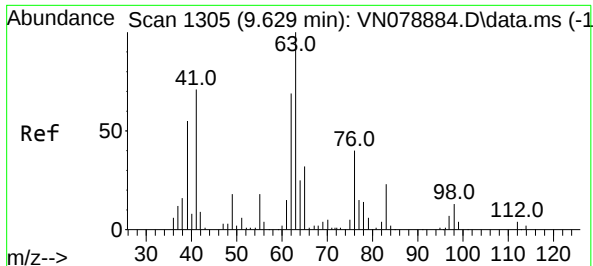
Delta R.T. -0.000 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Tgt Ion:130	Resp: 38774
Ion Ratio	Lower Upper
130	100
95	99.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 17.549 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

Tgt Ion: 63 Resp: 4234

Ion Ratio Lower Upper

63 100

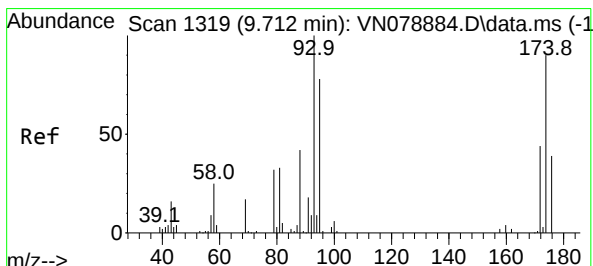
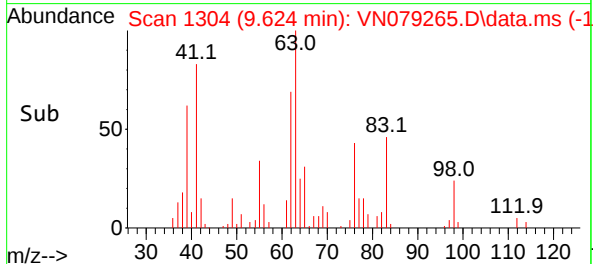
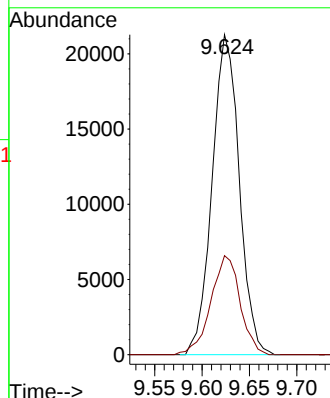
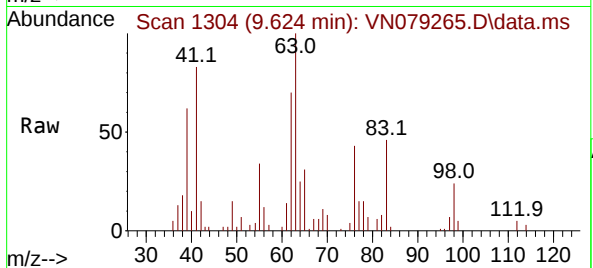
65 31.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#46

Dibromomethane

Concen: 17.280 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

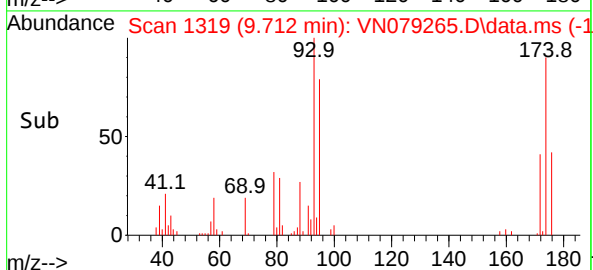
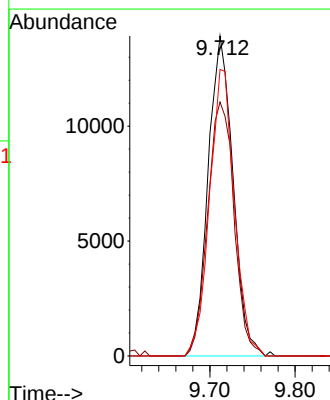
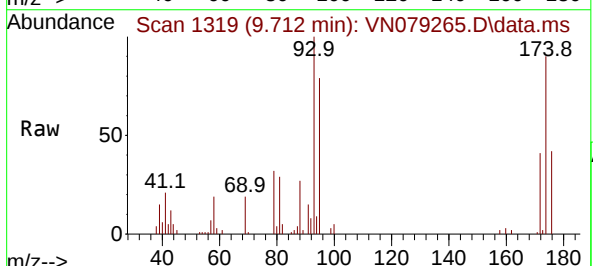
Tgt Ion: 93 Resp: 28303

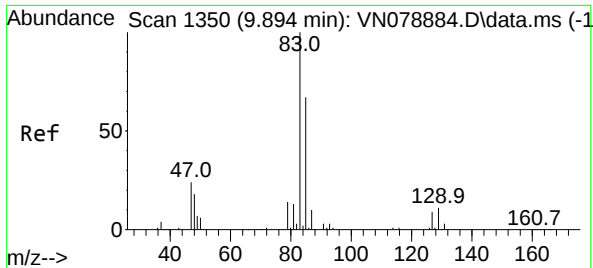
Ion Ratio Lower Upper

93 100

95 83.9 63.8 95.8

174 89.1 65.6 98.4





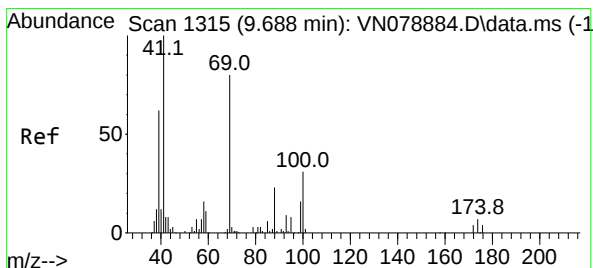
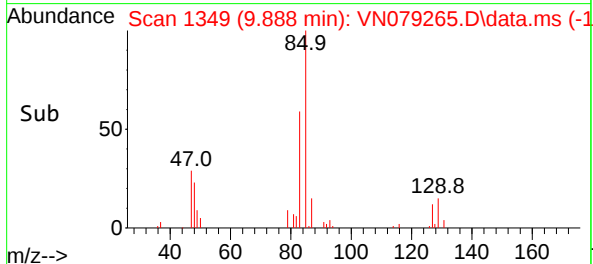
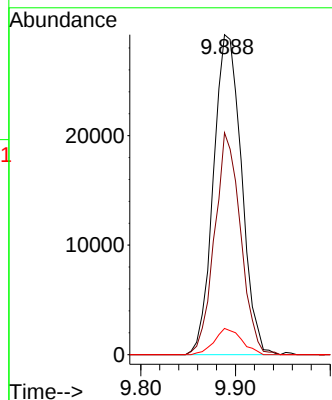
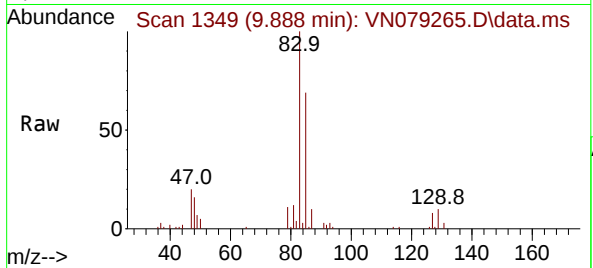
#47
Bromodichloromethane
Concen: 17.926 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

Tgt Ion: 83 Resp: 6013
Ion Ratio Lower Upper
83 100
85 69.4 49.6 74.4
127 8.2 7.0 10.6

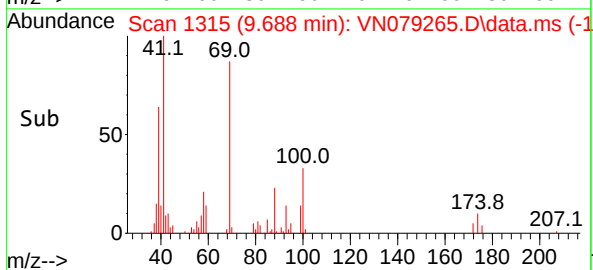
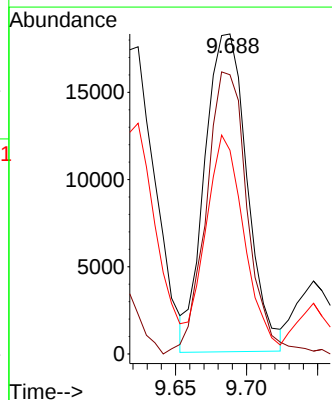
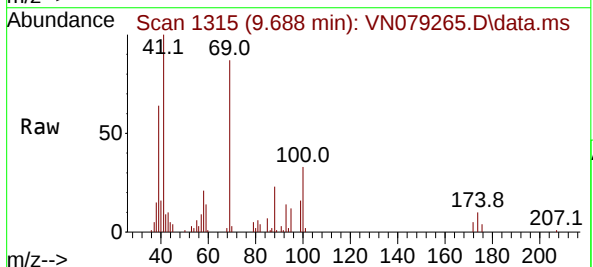
Manual Integrations
APPROVED

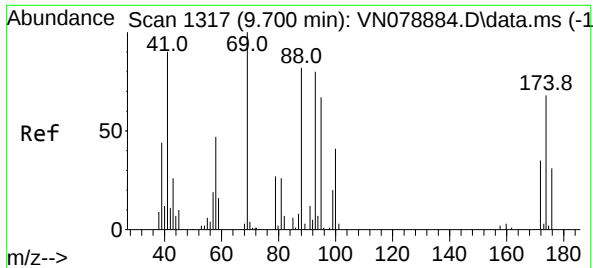
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#48
Methyl methacrylate
Concen: 16.402 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

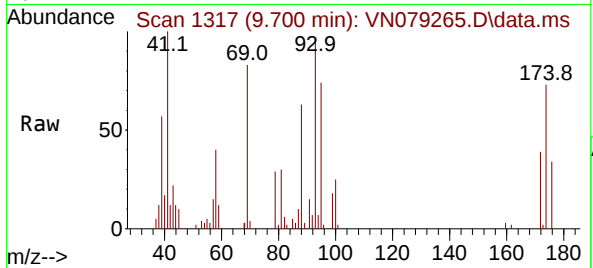
Tgt Ion: 41 Resp: 37971
Ion Ratio Lower Upper
41 100
69 86.5 90.4 135.6#
39 63.7 54.6 81.8





#49
1,4-Dioxane
Concen: 276.371 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

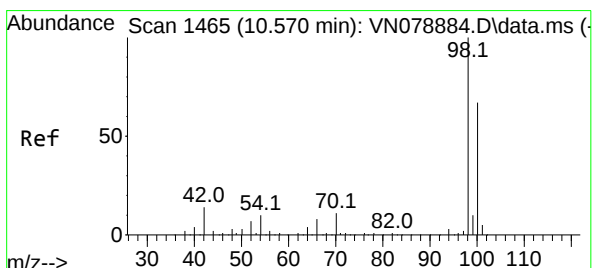
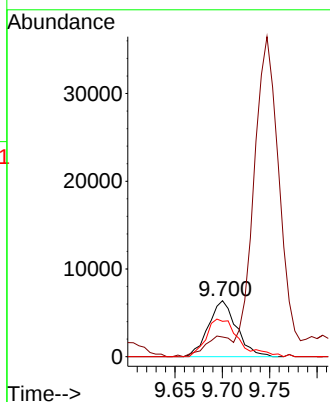
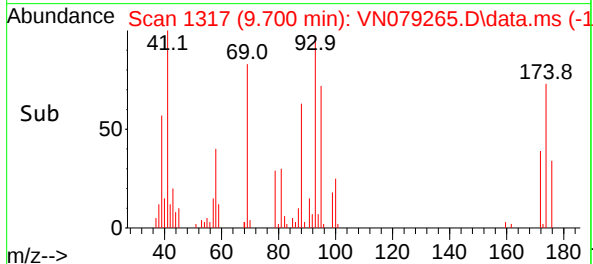
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



Tgt Ion: 88 Resp: 13160
Ion Ratio Lower Upper
88 100
43 35.5 17.0 25.6
58 77.7 47.0 70.4

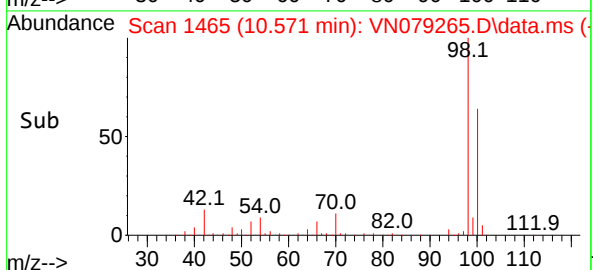
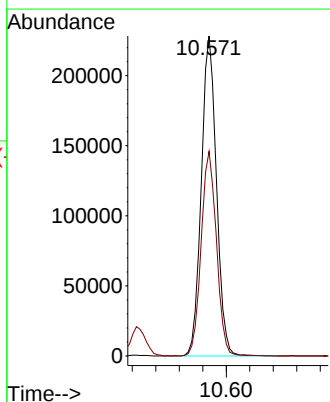
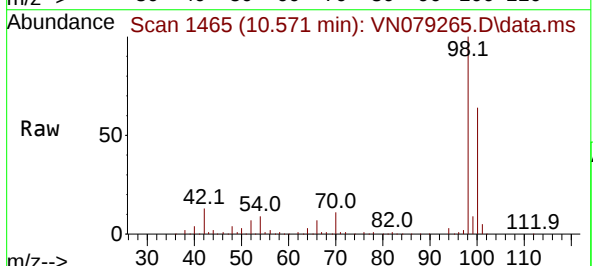
Manual Integrations
APPROVED

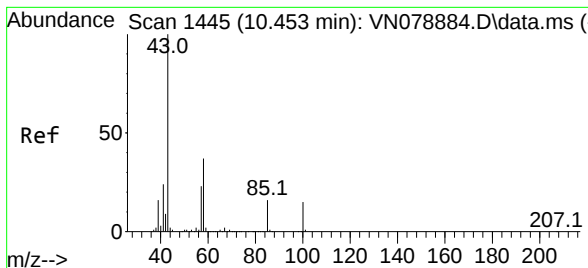
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#50
Toluene-d8
Concen: 53.868 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Tgt Ion: 98 Resp: 407531
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





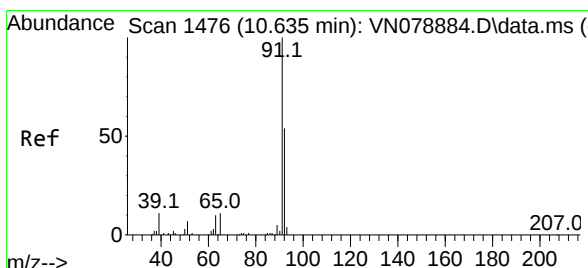
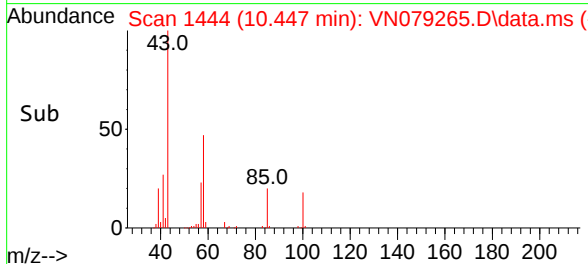
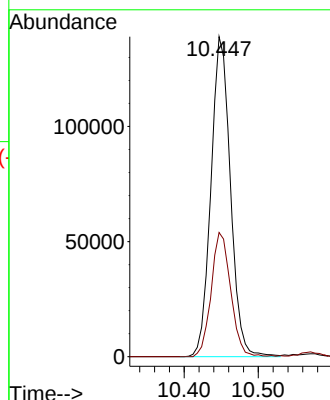
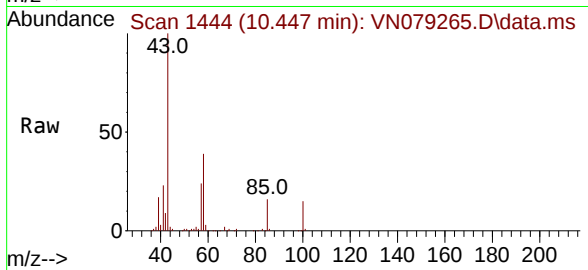
#51
4-Methyl-2-Pentanone
Concen: 84.596 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

Tgt Ion: 43 Resp: 253814
Ion Ratio Lower Upper
43 100
58 38.8 36.6 54.8

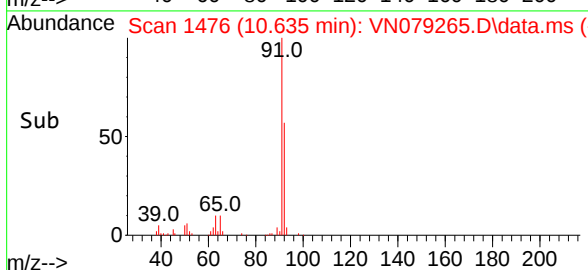
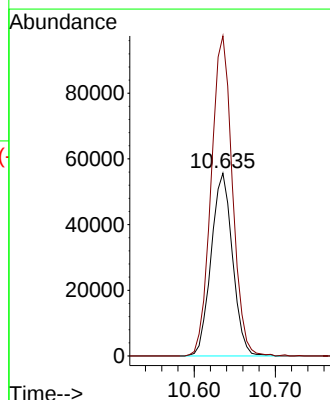
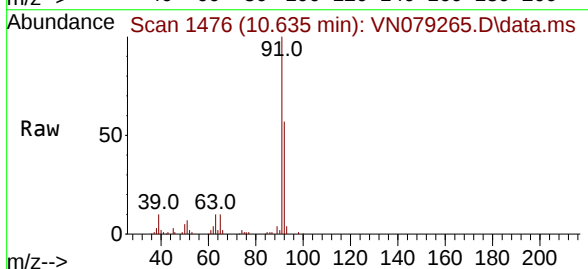
Manual Integrations
APPROVED

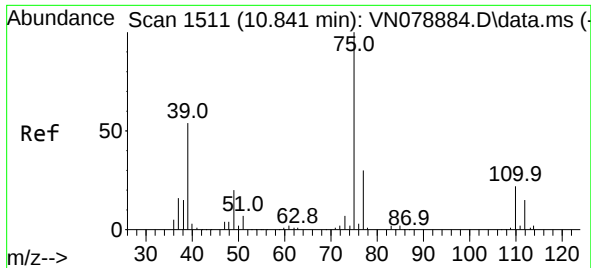
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#52
Toluene
Concen: 17.024 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

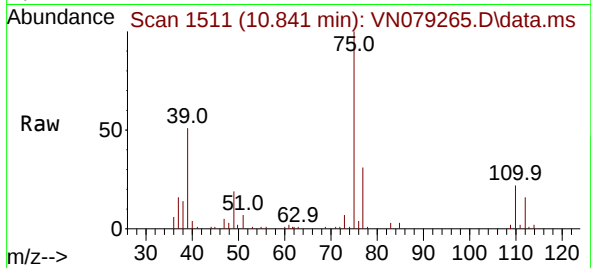
Tgt Ion: 92 Resp: 101712
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 16.875 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

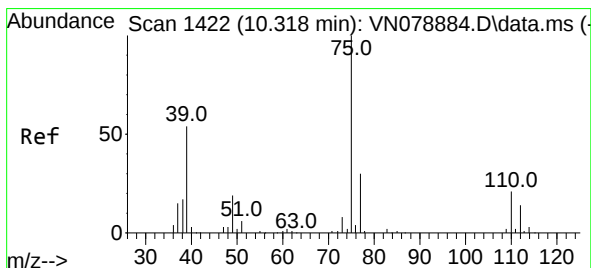
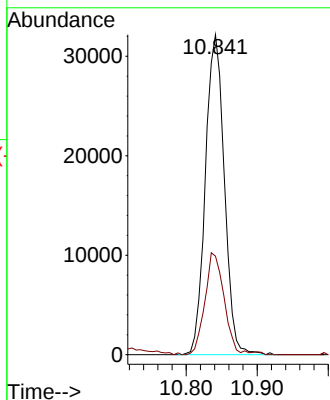
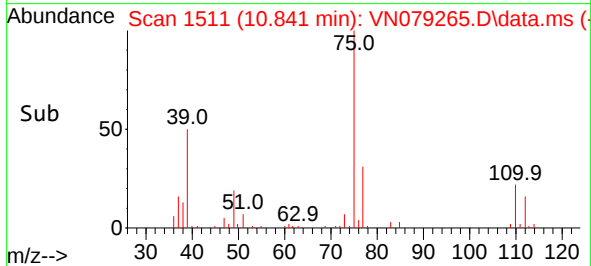
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



Tgt Ion: 75 Resp: 5969
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0

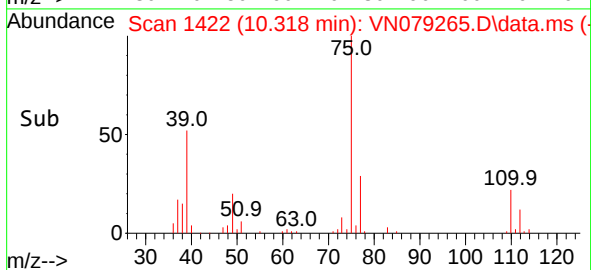
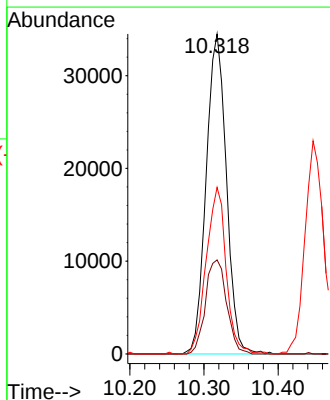
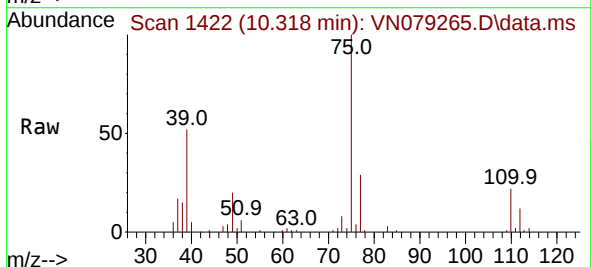
Manual Integrations
APPROVED

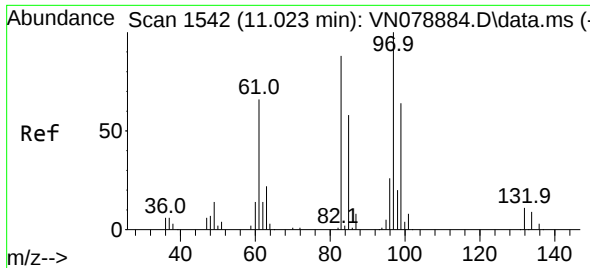
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#54
cis-1,3-Dichloropropene
Concen: 17.242 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

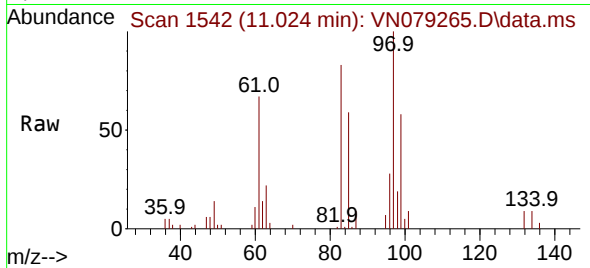
Tgt Ion: 75 Resp: 65234
Ion Ratio Lower Upper
75 100
77 29.4 26.1 39.1
39 52.1 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 17.035 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

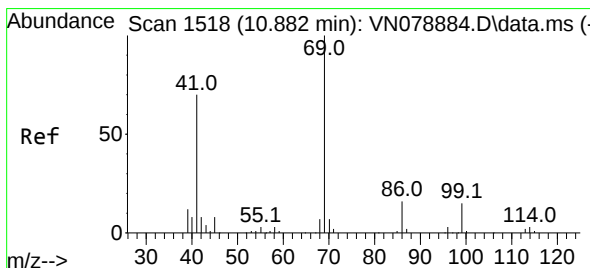
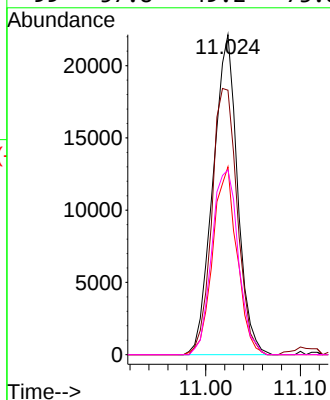
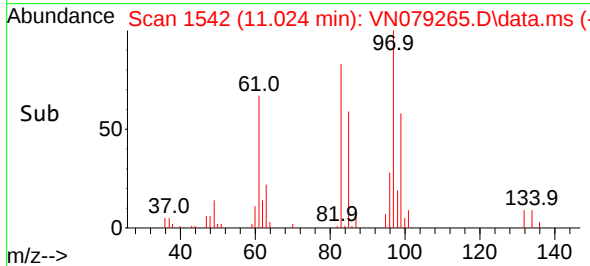
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



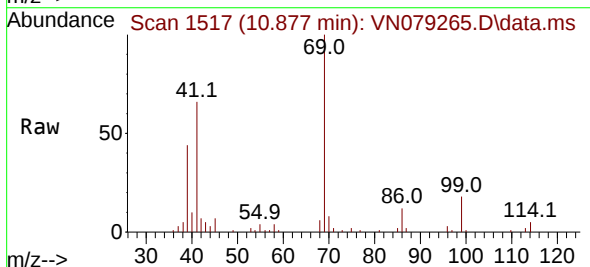
Tgt Ion: 97 Resp: 3993
Ion Ratio Lower Upper
97 100
83 82.7 65.1 97.7
85 58.7 43.4 65.2
99 57.8 49.2 73.8

Manual Integrations
APPROVED

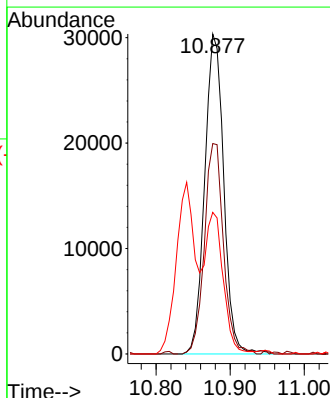
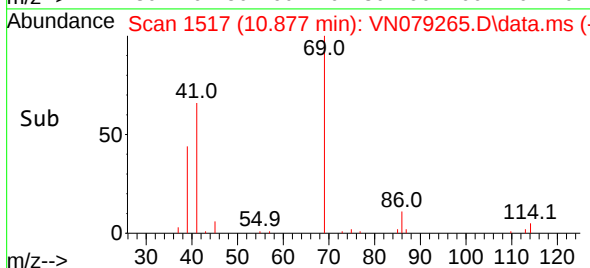
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

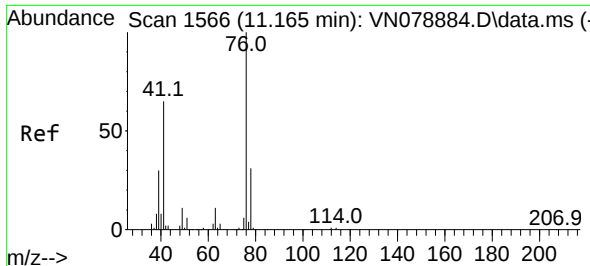


#56
Ethyl methacrylate
Concen: 16.320 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05



Tgt Ion: 69 Resp: 54009
Ion Ratio Lower Upper
69 100
41 66.1 39.6 59.4#
39 41.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 17.176 ug/l

RT: 11.171 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

Tgt Ion: 76 Resp: 69609

Ion Ratio Lower Upper

76 100

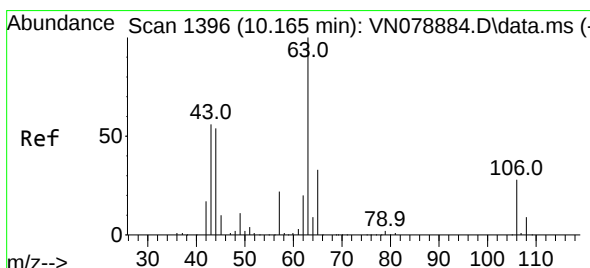
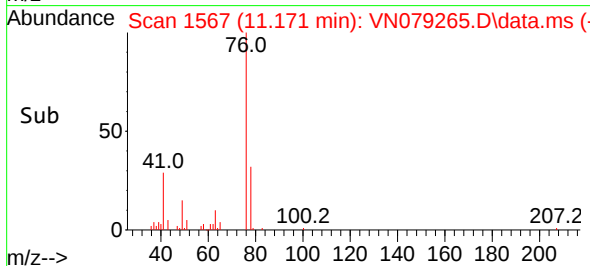
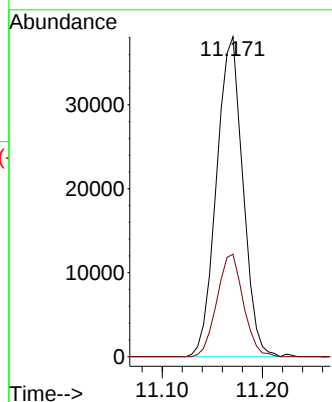
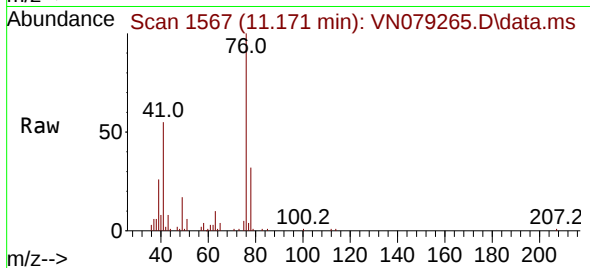
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 86.819 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079265.D

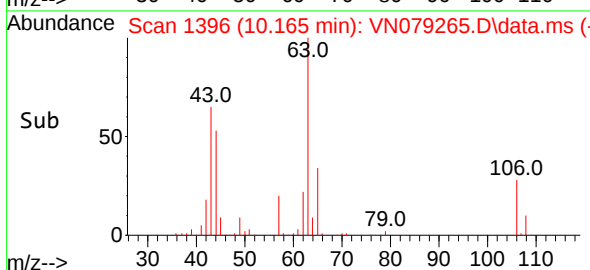
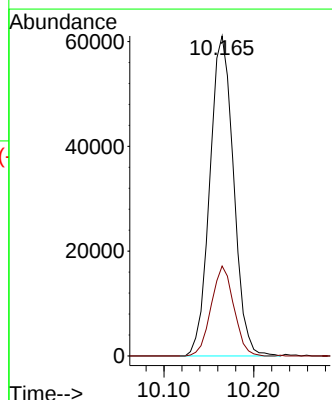
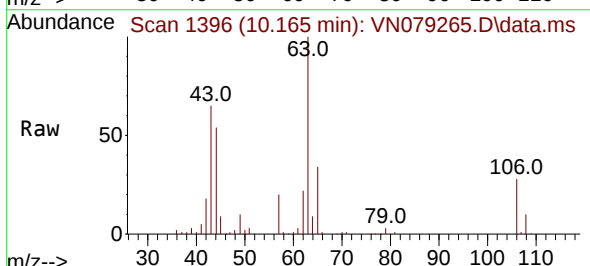
Acq: 15 Sep 2023 12:05

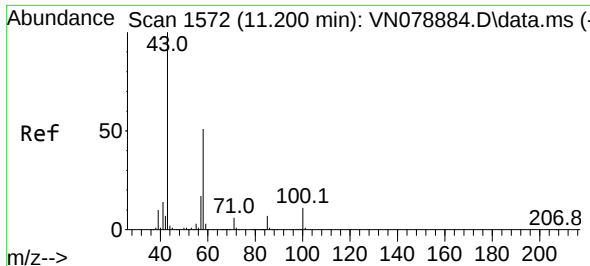
Tgt Ion: 63 Resp: 112145

Ion Ratio Lower Upper

63 100

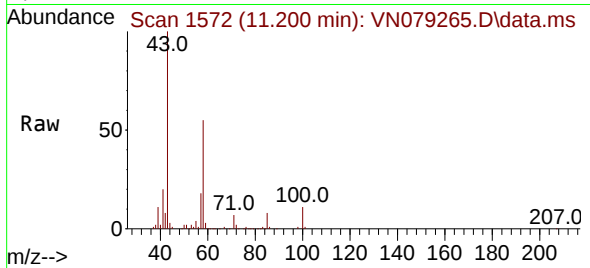
106 26.8 26.2 39.4





#59
2-Hexanone
Concen: 80.533 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

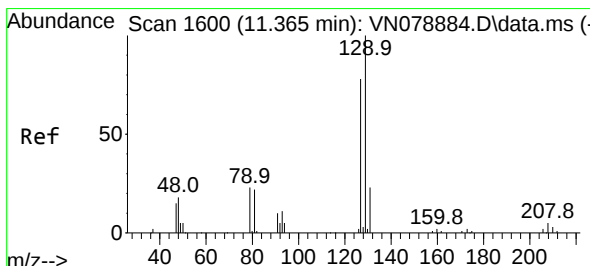
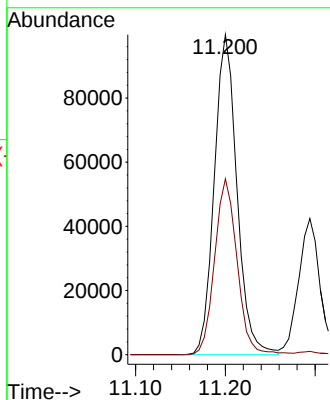
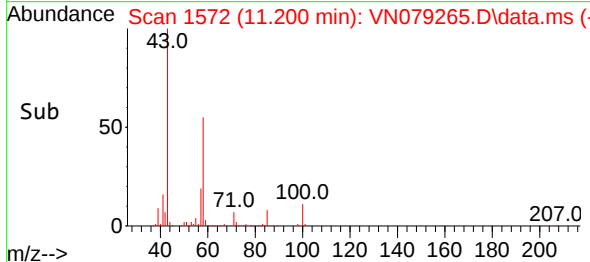
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



Tgt Ion: 43 Resp: 175004
Ion Ratio Lower Upper
43 100
58 54.4 31.7 95.1

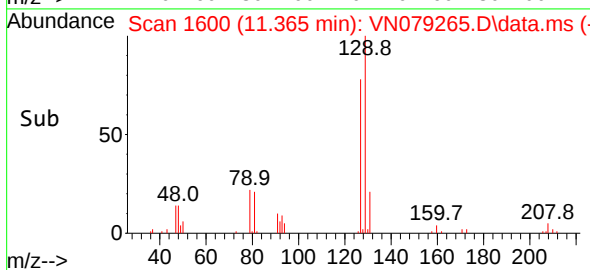
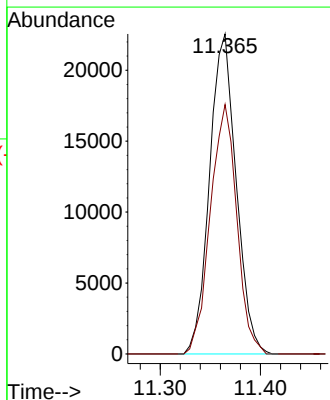
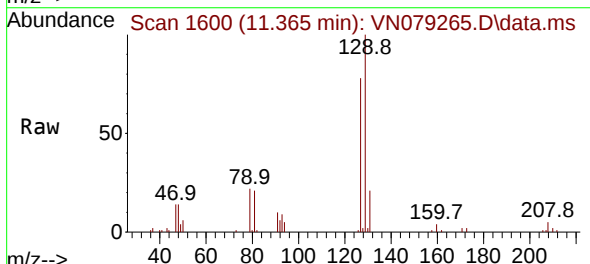
Manual Integrations
APPROVED

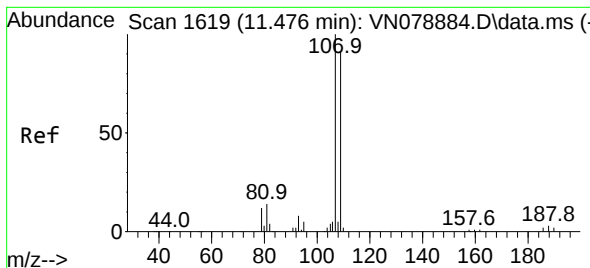
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#60
Dibromochloromethane
Concen: 16.714 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

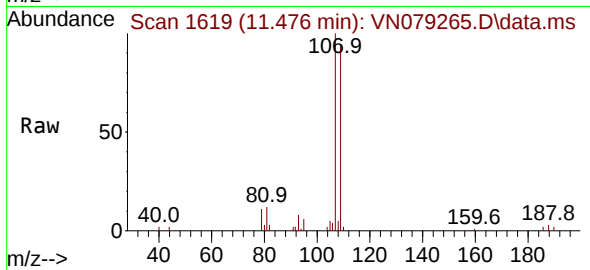
Tgt Ion:129 Resp: 41701
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 16.304 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

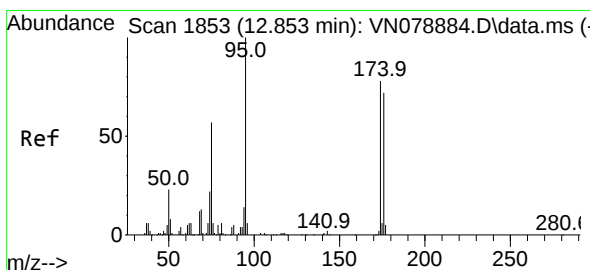
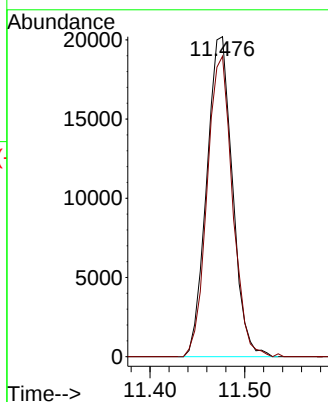
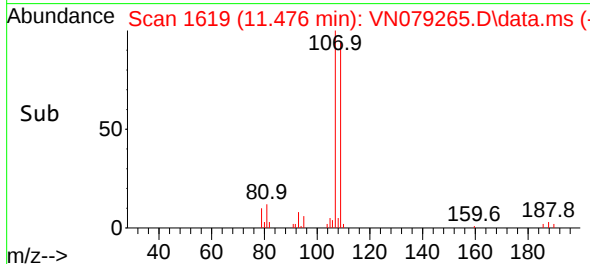
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



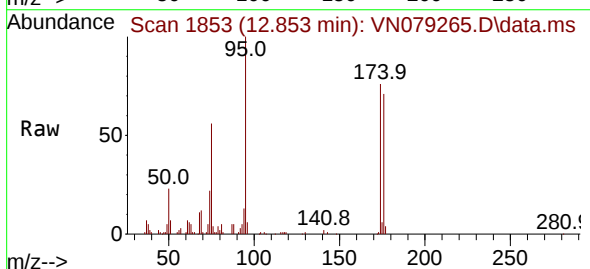
Tgt Ion:107 Resp: 3814
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8

Manual Integrations
APPROVED

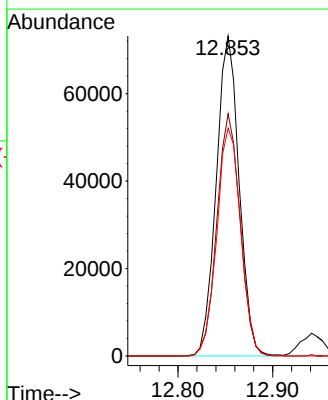
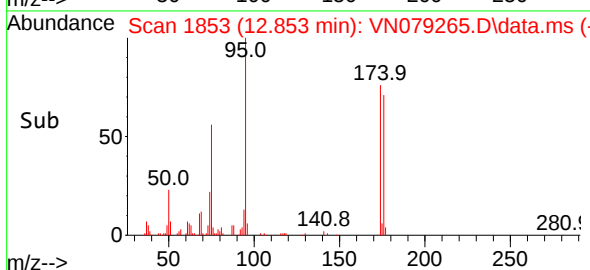
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

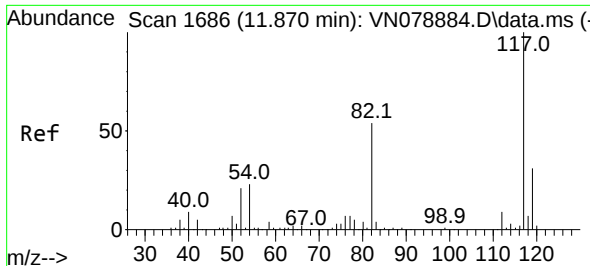


#62
4-Bromofluorobenzene
Concen: 50.991 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05



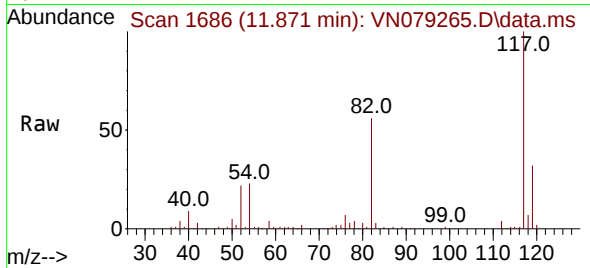
Tgt Ion: 95 Resp: 123051
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 74.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

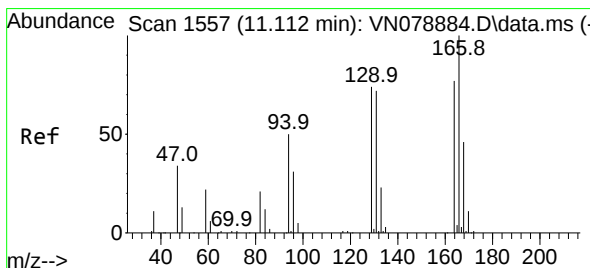
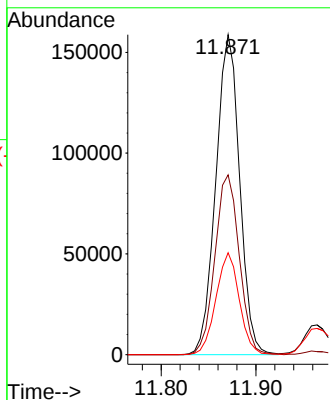
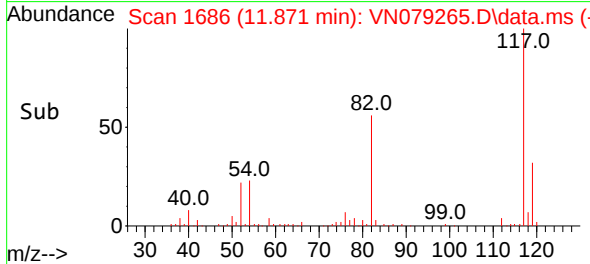
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



Tgt Ion:117 Resp: 278519
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 31.8 25.6 38.4

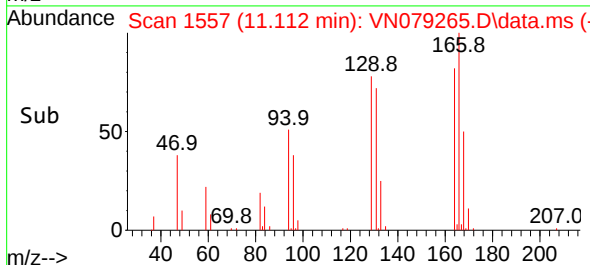
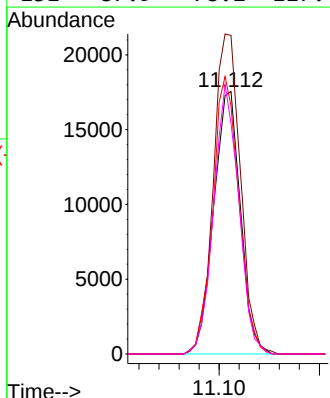
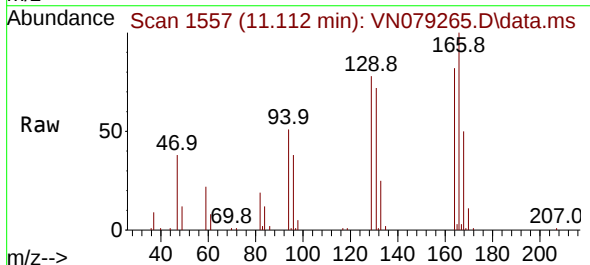
Manual Integrations
APPROVED

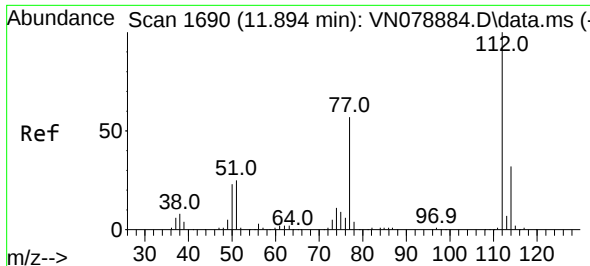
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#64
Tetrachloroethene
Concen: 15.943 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Tgt Ion:164 Resp: 32379
Ion Ratio Lower Upper
164 100
166 121.4 101.4 152.0
129 94.5 82.4 123.6
131 87.9 78.2 117.4





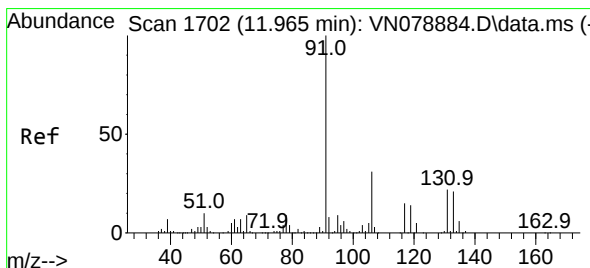
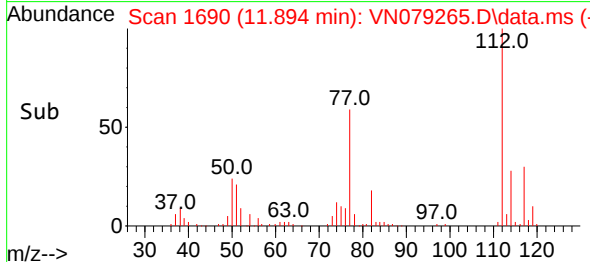
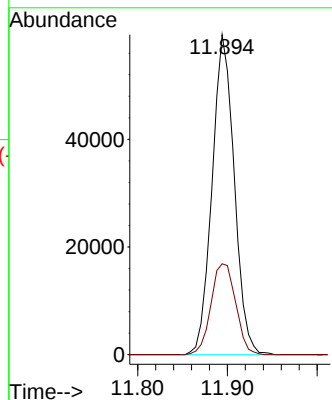
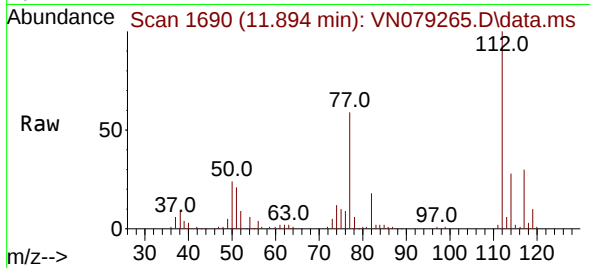
#65
Chlorobenzene
Concen: 16.143 ug/l
RT: 11.894 min Scan# 1185
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

Tgt Ion:112 Resp: 10185
Ion Ratio Lower Upper
112 100
114 28.4 25.0 37.4

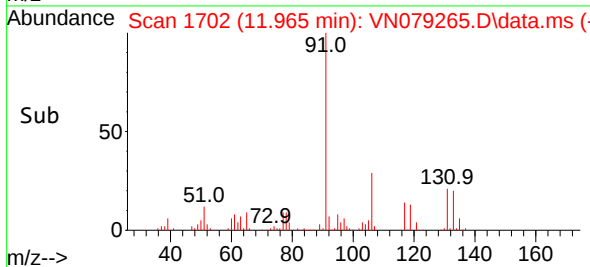
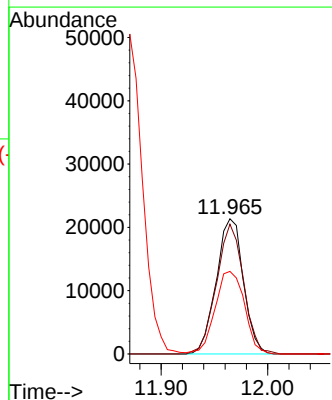
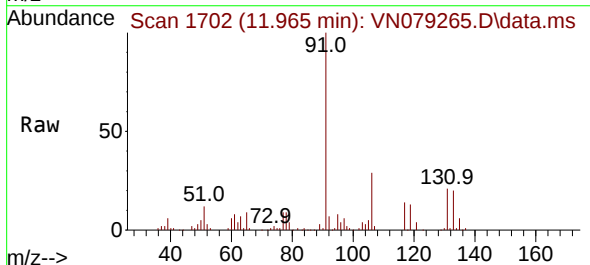
Manual Integrations
APPROVED

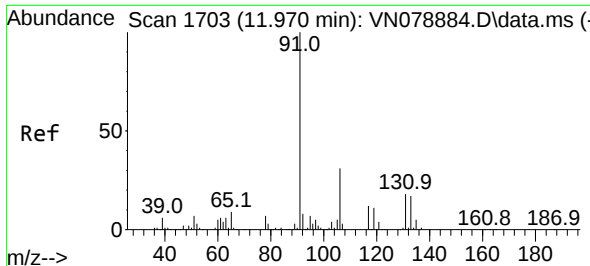
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 15.962 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

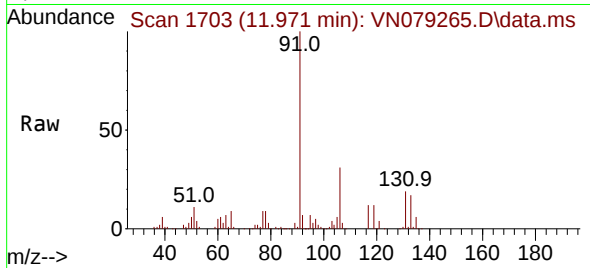
Tgt Ion:131 Resp: 37765
Ion Ratio Lower Upper
131 100
133 95.9 46.4 139.1
119 66.0 34.1 102.2





#67
Ethyl Benzene
Concen: 16.897 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

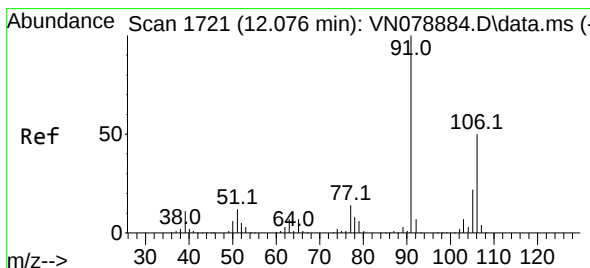
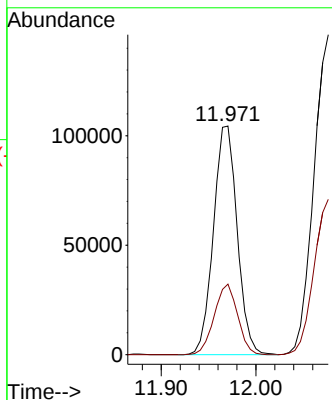
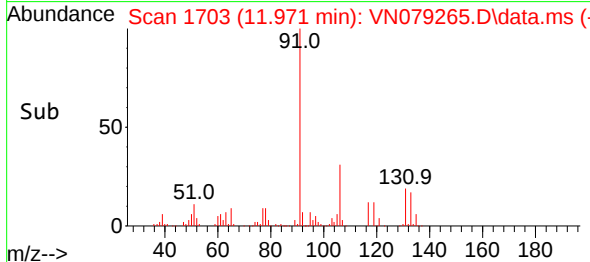
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



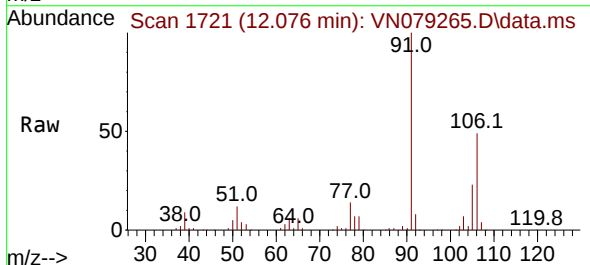
Tgt Ion: 91 Resp: 18235
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

Manual Integrations
APPROVED

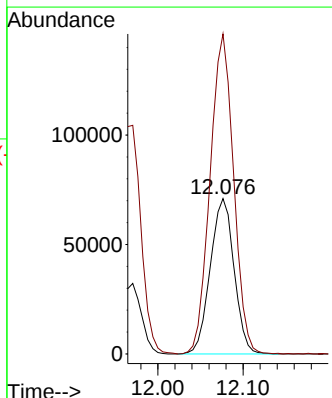
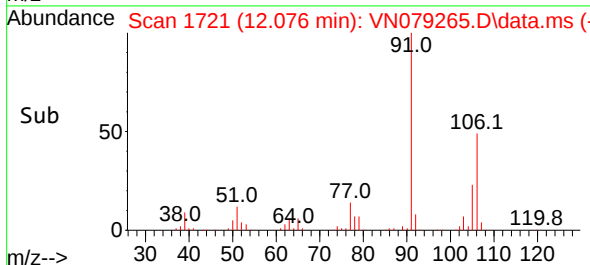
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

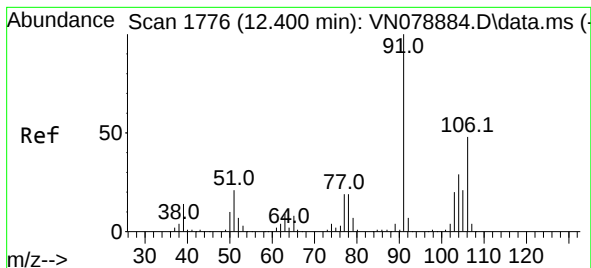


#68
m/p-Xylenes
Concen: 34.227 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05



Tgt Ion:106 Resp: 137683
Ion Ratio Lower Upper
106 100
91 203.9 159.6 239.4





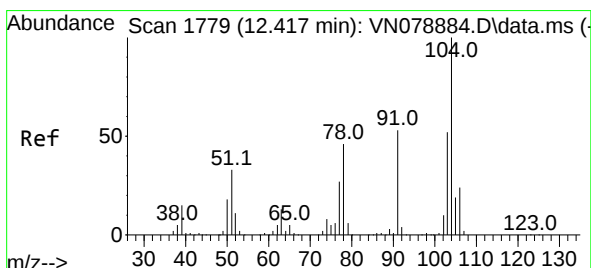
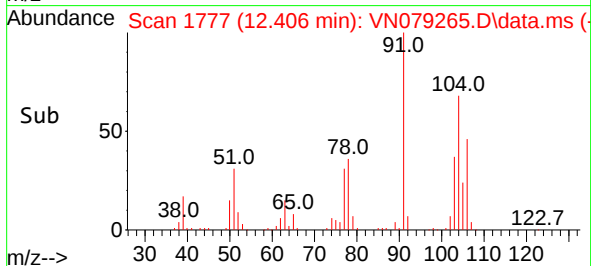
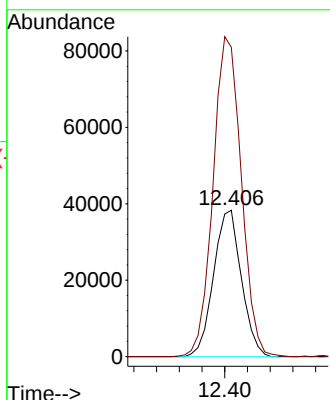
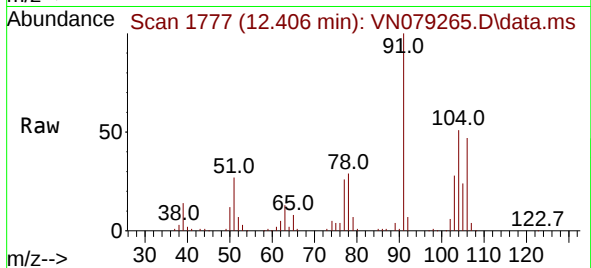
#69
o-Xylene
Concen: 16.892 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

Tgt Ion:106 Resp: 65170
Ion Ratio Lower Upper
106 100
91 222.0 105.2 315.5

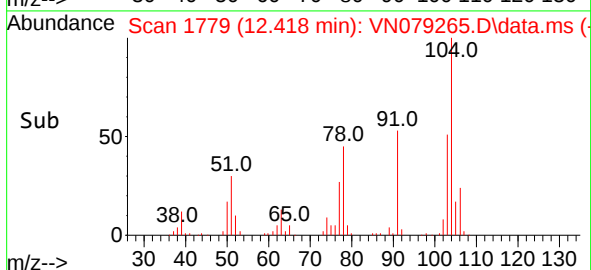
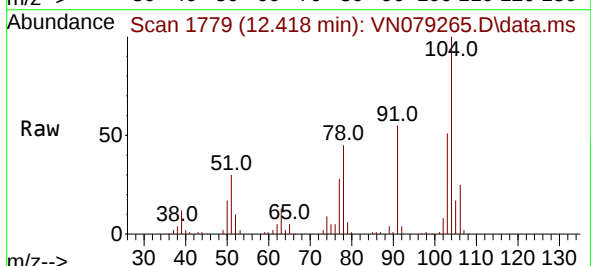
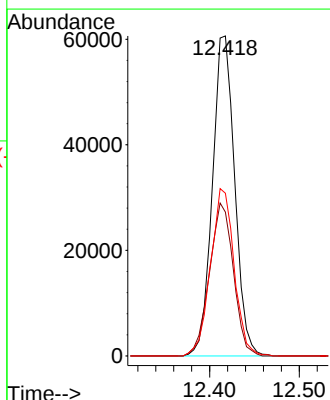
Manual Integrations
APPROVED

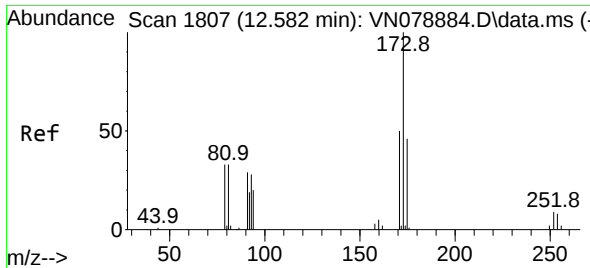
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#70
Styrene
Concen: 16.875 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

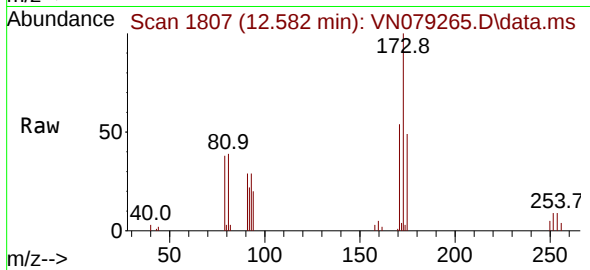
Tgt Ion:104 Resp: 104705
Ion Ratio Lower Upper
104 100
78 51.2 39.5 59.3
103 55.3 43.2 64.8





#71
Bromoform
Concen: 14.405 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

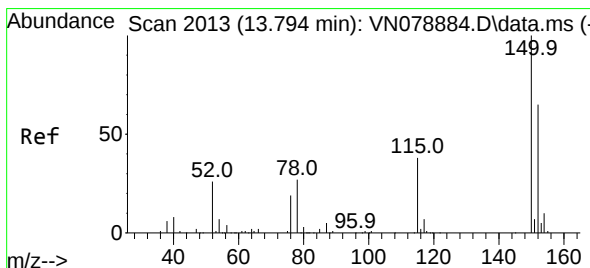
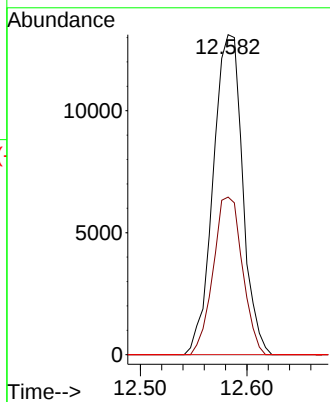
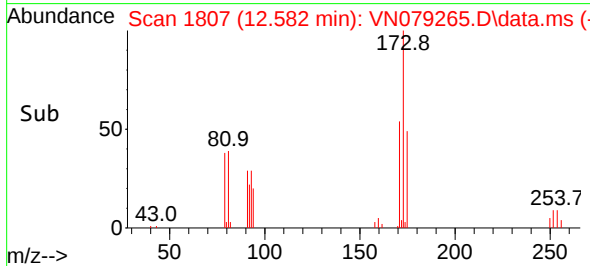
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



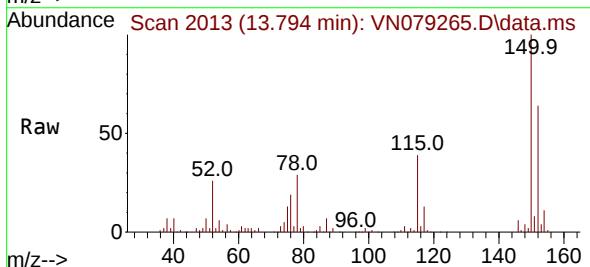
Tgt Ion:173 Resp: 25160
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

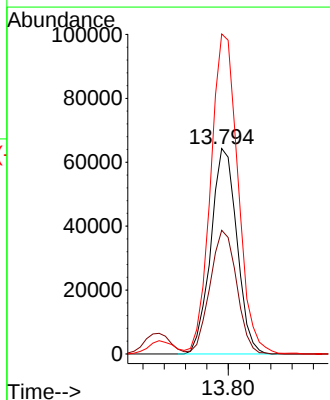
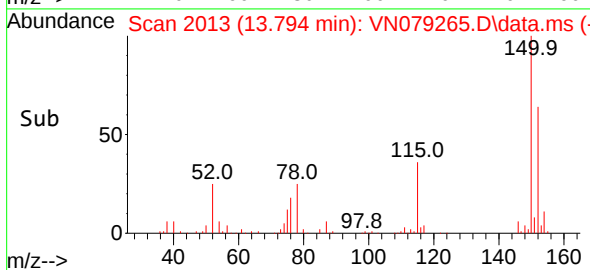
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

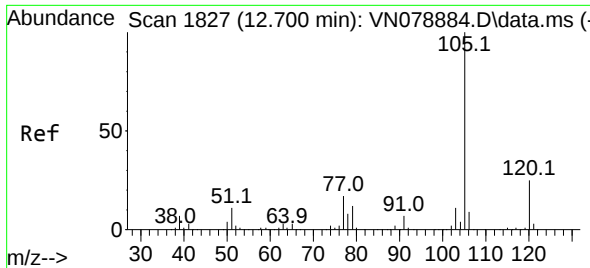


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05



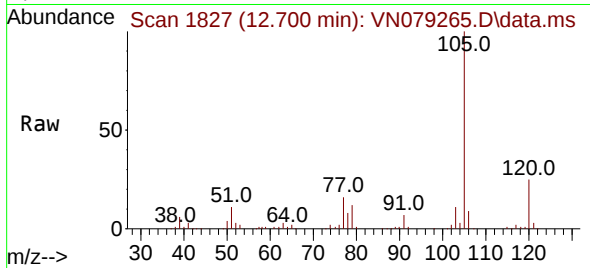
Tgt Ion:152 Resp: 109186
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 163.4 0.0 355.8





#73
Isopropylbenzene
Concen: 16.908 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

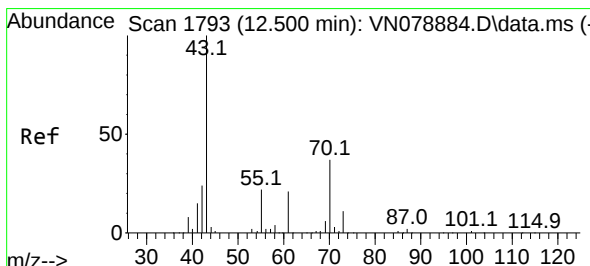
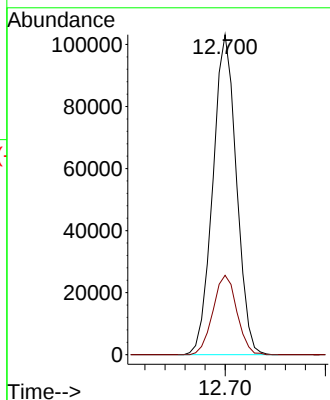
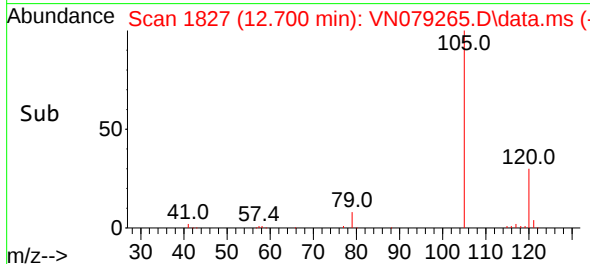
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



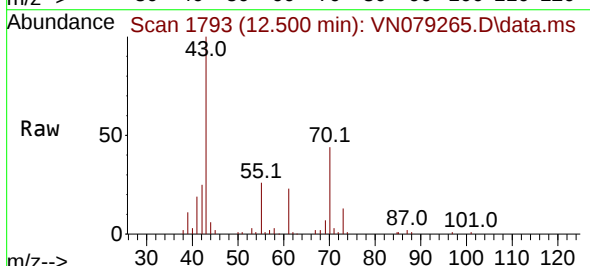
Tgt Ion:105 Resp: 167958
Ion Ratio Lower Upper
105 100
120 25.1 13.1 39.1

Manual Integrations
APPROVED

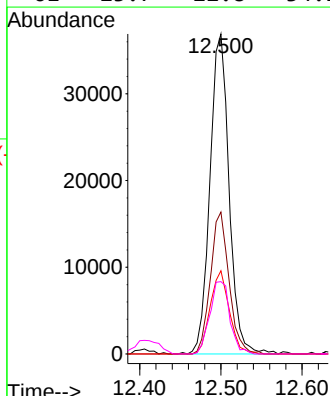
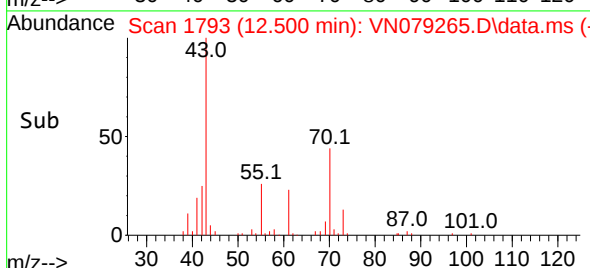
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

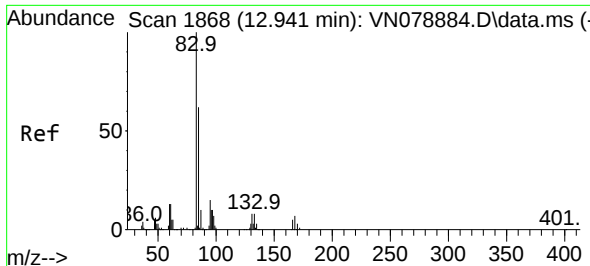


#74
N-ethyl acetate
Concen: 16.052 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05



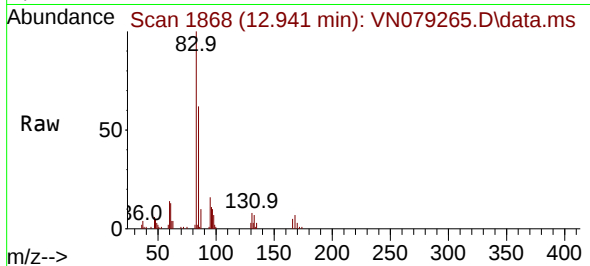
Tgt Ion: 43 Resp: 60498
Ion Ratio Lower Upper
43 100
70 43.1 43.4 65.2#
55 25.9 21.4 32.0
61 23.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 15.113 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

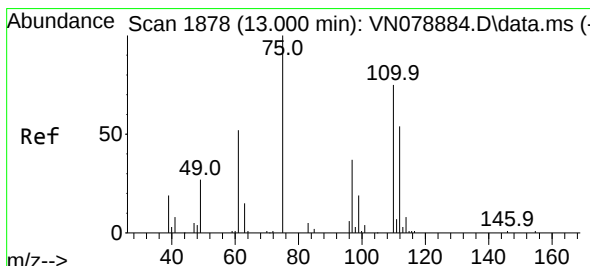
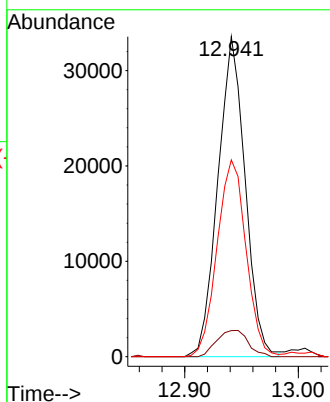
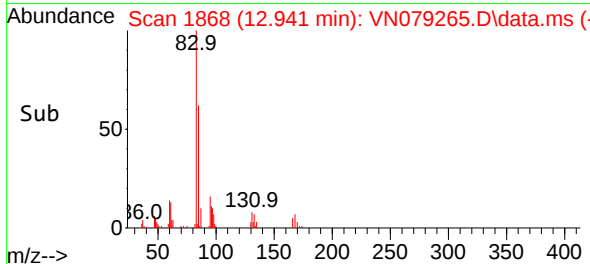
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



Tgt Ion: 83 Resp: 5590
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 65.3 31.9 95.7

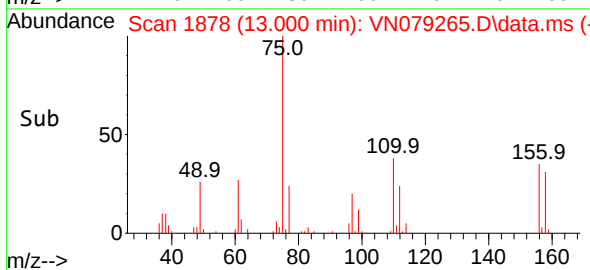
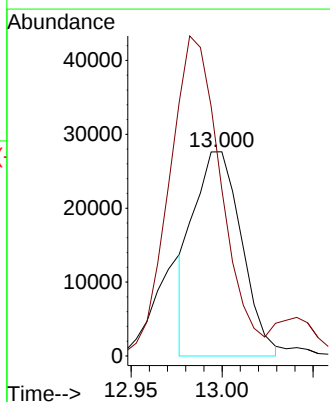
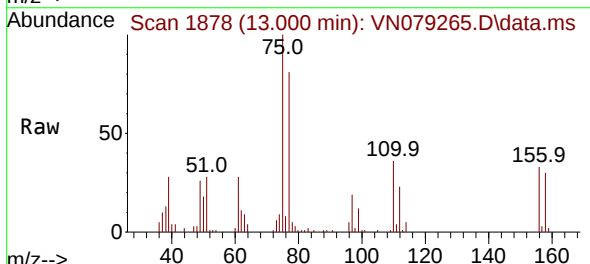
Manual Integrations
APPROVED

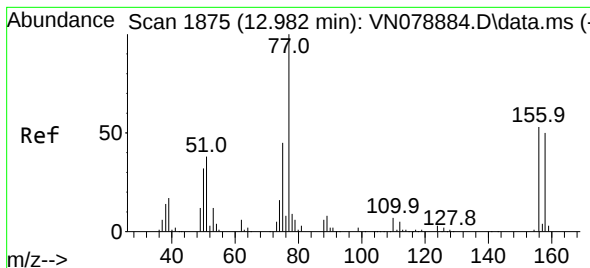
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#76
1,2,3-Trichloropropane
Concen: 17.210 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Tgt Ion: 75 Resp: 50644
Ion Ratio Lower Upper
75 100
77 170.0 84.5 253.5





#77

Bromobenzene

Concen: 14.913 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBS01

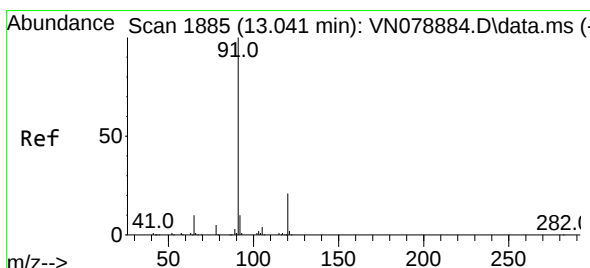
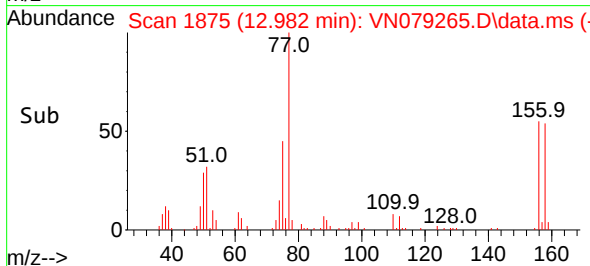
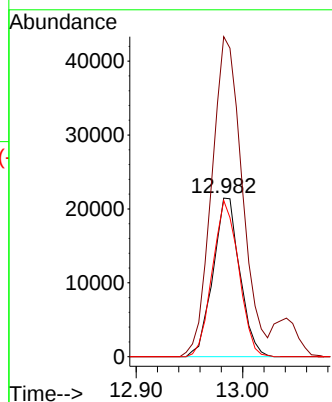
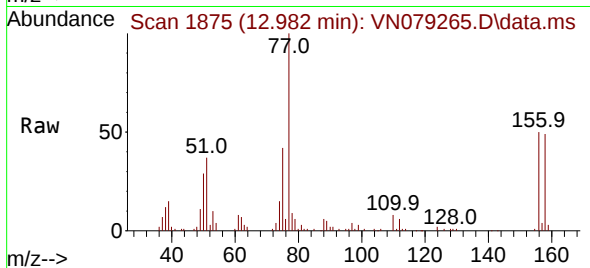
Tgt Ion:	156	Resp:	3751
Ion Ratio	Lower	Upper	
156	100		
77	229.6	107.7	323.3
158	96.4	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#78

n-propylbenzene

Concen: 17.292 ug/l

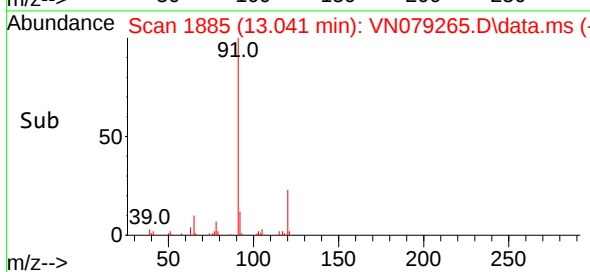
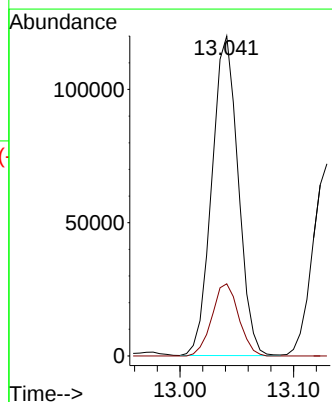
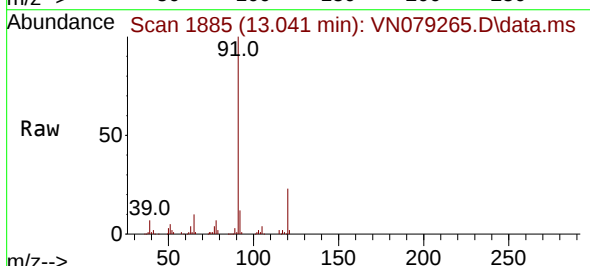
RT: 13.041 min Scan# 1885

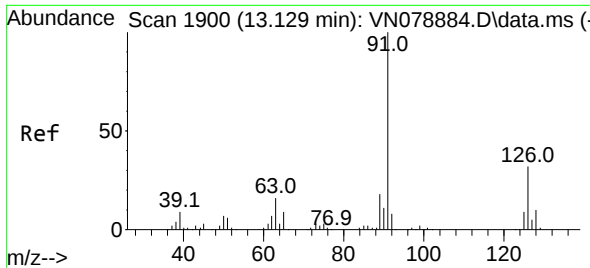
Delta R.T. 0.000 min

Lab File: VN079265.D

Acq: 15 Sep 2023 12:05

Tgt Ion:	91	Resp:	192963
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





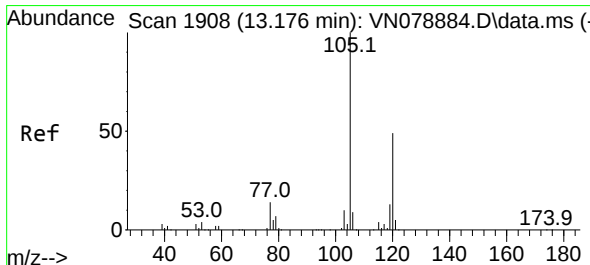
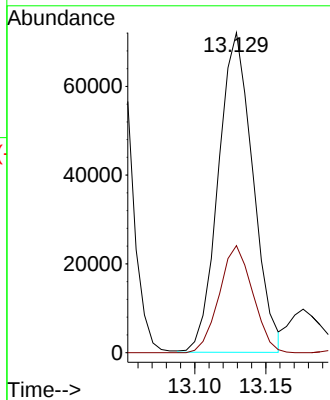
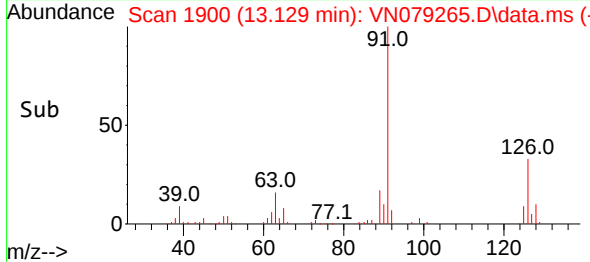
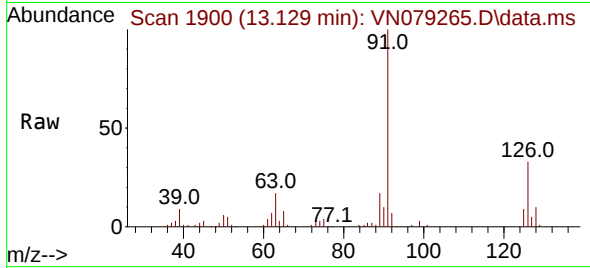
#79
2-Chlorotoluene
Concen: 16.676 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

Tgt Ion: 91 Resp: 12171
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8

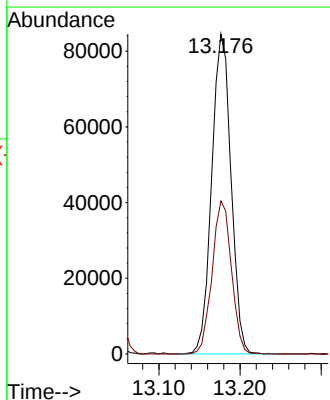
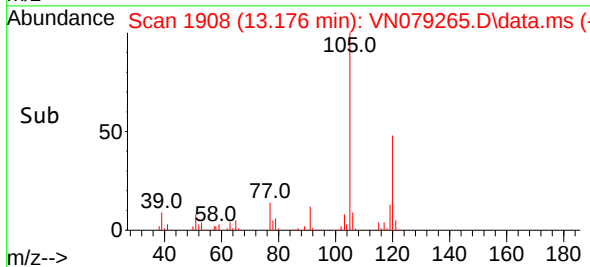
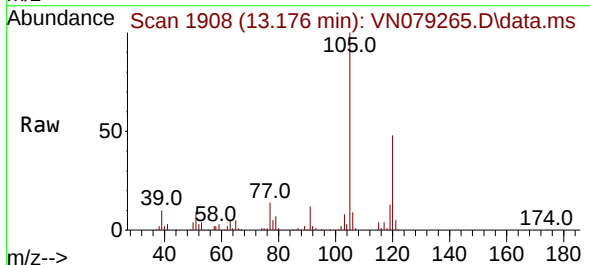
Manual Integrations
APPROVED

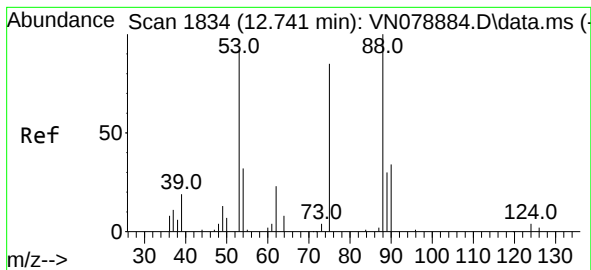
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 16.872 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

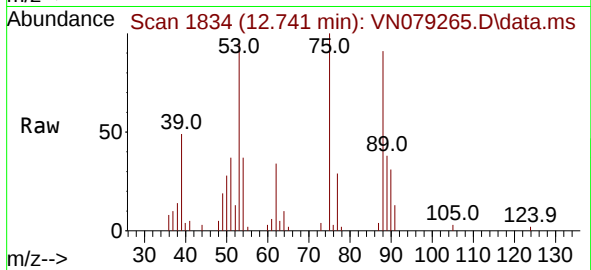
Tgt Ion:105 Resp: 139659
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 14.250 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

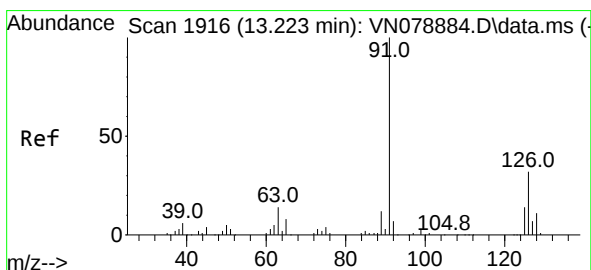
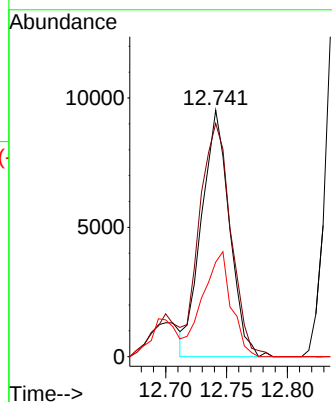
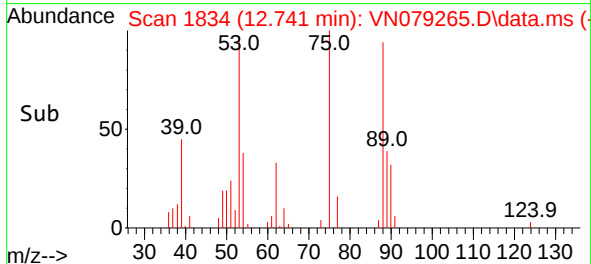
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



Tgt Ion: 75 Resp: 1525
Ion Ratio Lower Upper
75 100
53 106.4 67.4 101.2
89 44.0 38.8 58.2

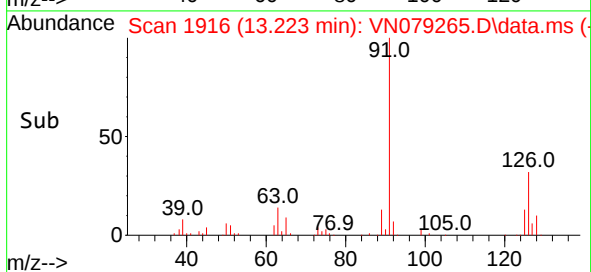
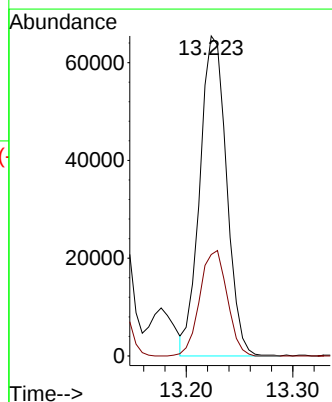
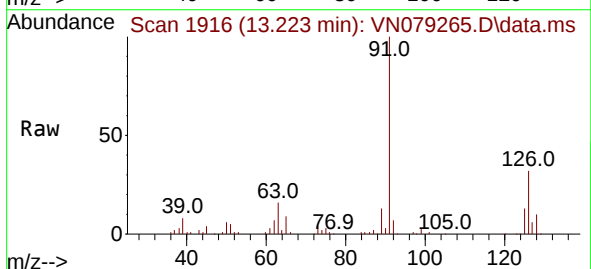
Manual Integrations
APPROVED

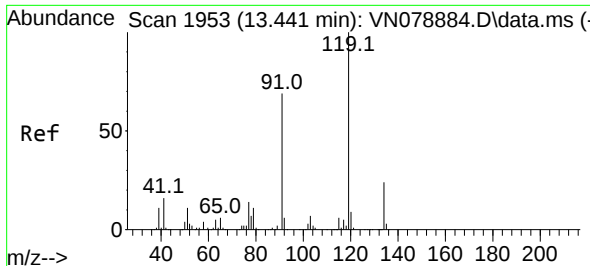
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#82
4-Chlorotoluene
Concen: 16.653 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

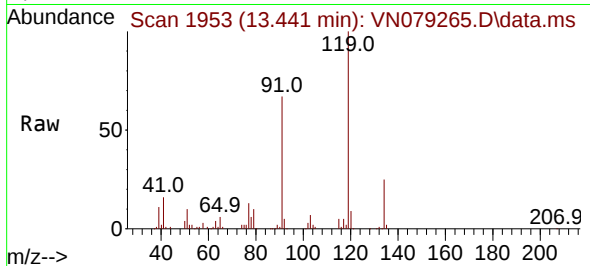
Tgt Ion: 91 Resp: 114207
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 16.381 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

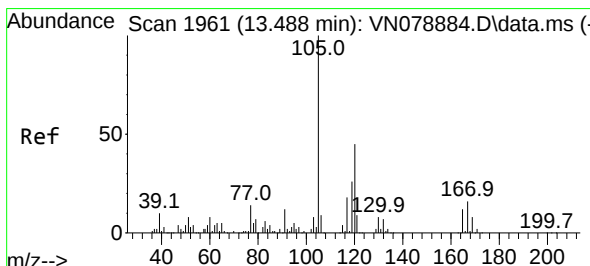
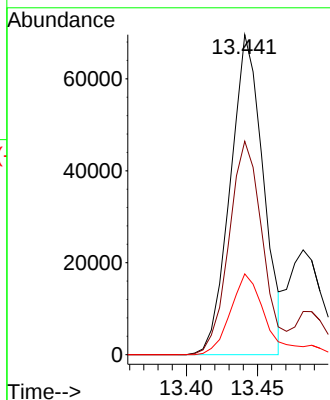
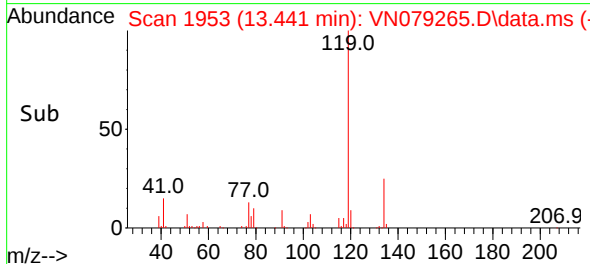
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



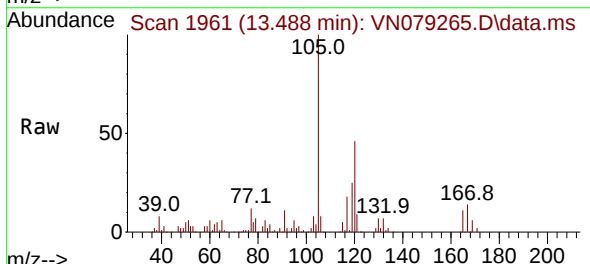
Tgt Ion:119 Resp: 11217
Ion Ratio Lower Upper
119 100
91 68.3 33.9 101.7
134 27.6 13.2 39.6

Manual Integrations
APPROVED

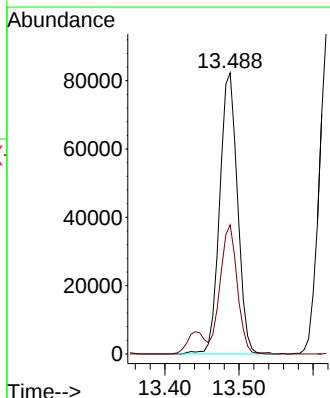
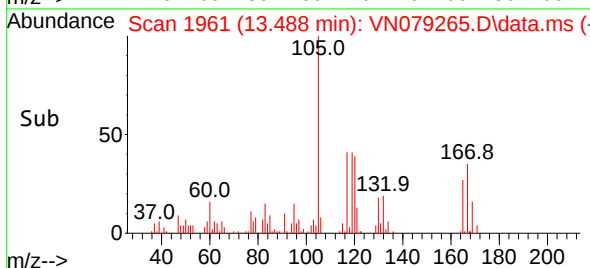
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

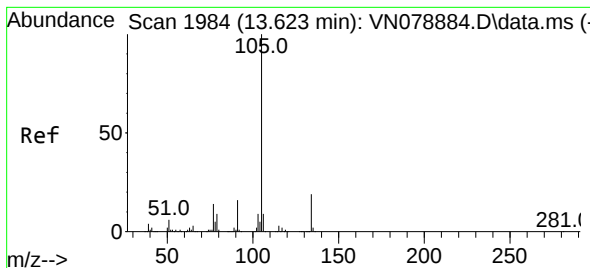


#84
1,2,4-Trimethylbenzene
Concen: 17.406 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05



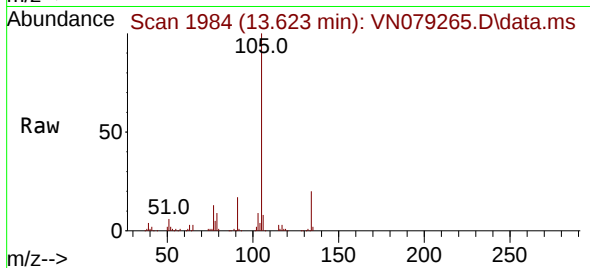
Tgt Ion:105 Resp: 137213
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 16.725 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079265.D
 Acq: 15 Sep 2023 12:05

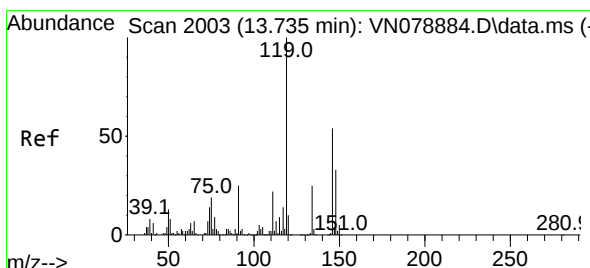
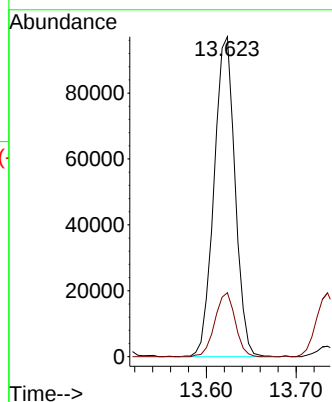
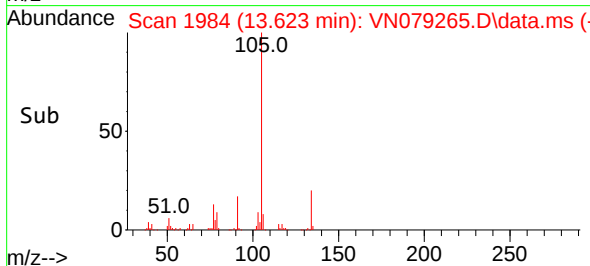
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01



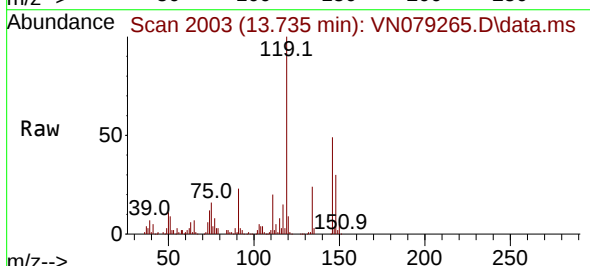
Tgt Ion:105 Resp: 157664
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
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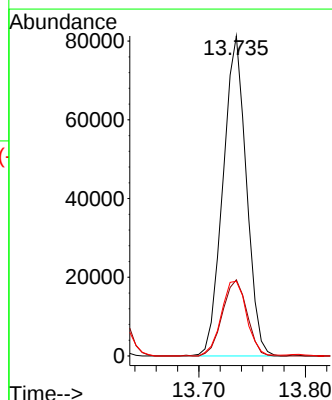
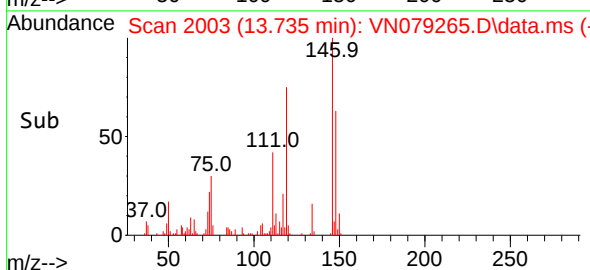
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023



#86
 p-Isopropyltoluene
 Concen: 16.413 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079265.D
 Acq: 15 Sep 2023 12:05



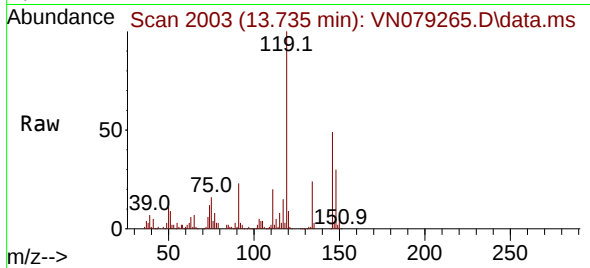
Tgt Ion:119 Resp: 123617
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 25.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 15.775 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

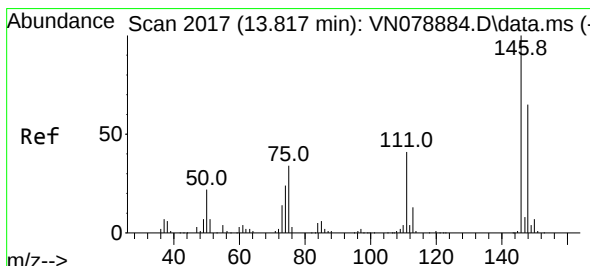
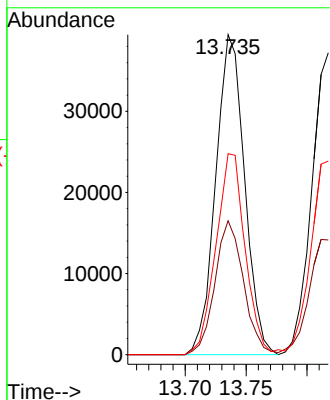
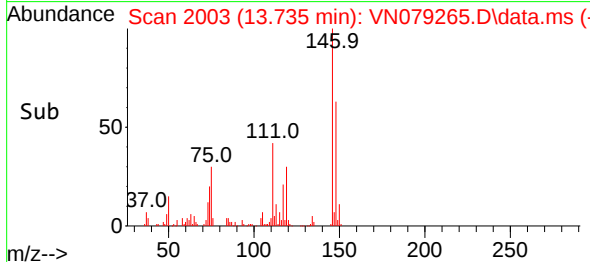
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



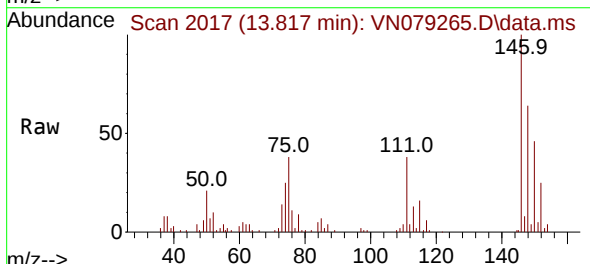
Tgt Ion:146 Resp: 65085
Ion Ratio Lower Upper
146 100
111 41.6 22.1 66.3
148 64.0 32.0 96.0

Manual Integrations
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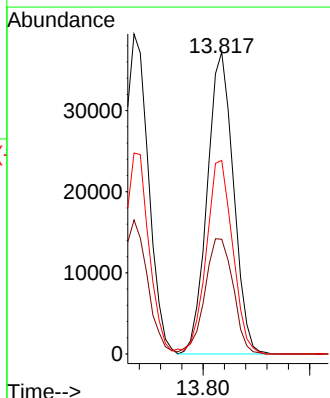
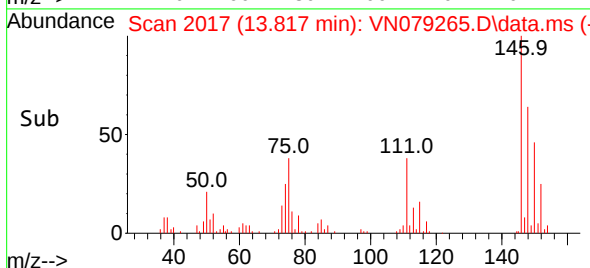
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

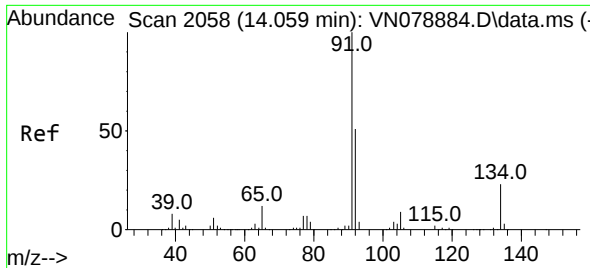


#88
1,4-Dichlorobenzene
Concen: 15.279 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05



Tgt Ion:146 Resp: 63696
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 64.2 31.6 94.8





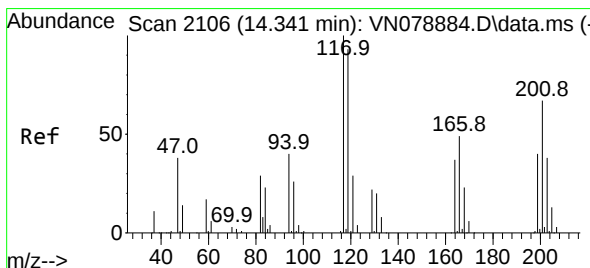
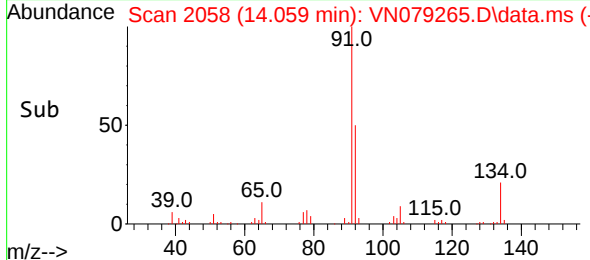
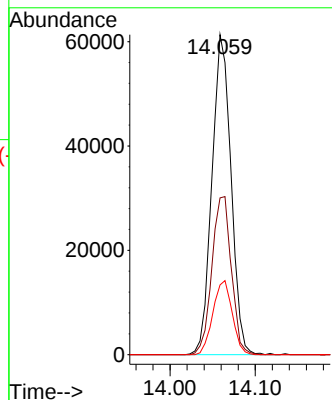
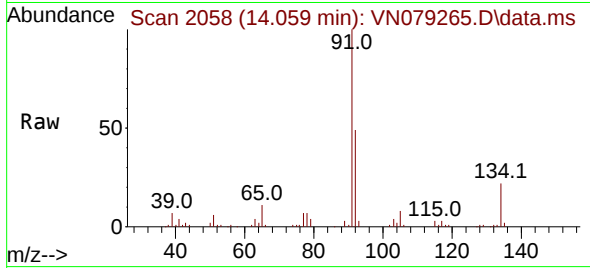
#89
n-Butylbenzene
Concen: 16.109 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

Tgt Ion: 91 Resp: 95408
Ion Ratio Lower Upper
91 100
92 50.4 26.4 79.0
134 23.4 12.6 37.6

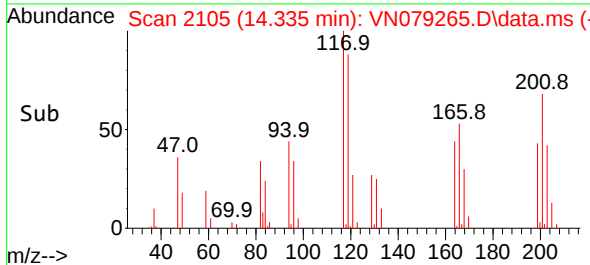
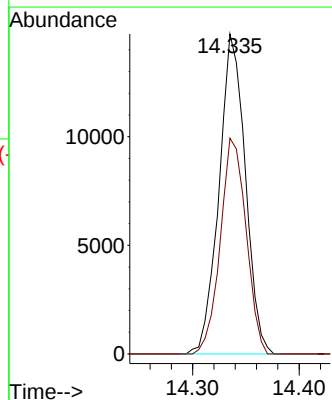
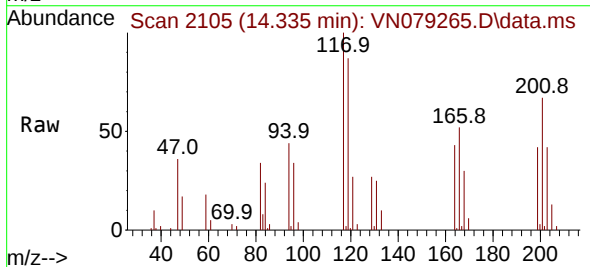
Manual Integrations
APPROVED

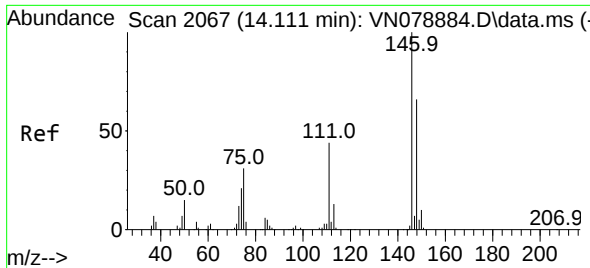
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#90
Hexachloroethane
Concen: 16.471 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Tgt Ion:117 Resp: 25192
Ion Ratio Lower Upper
117 100
201 66.2 29.3 88.0





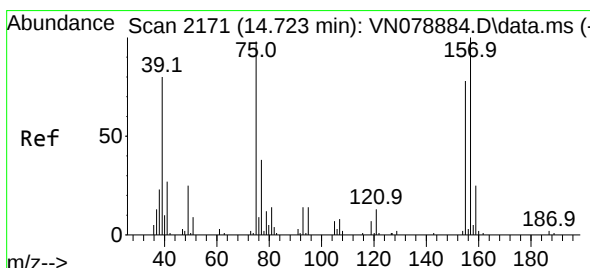
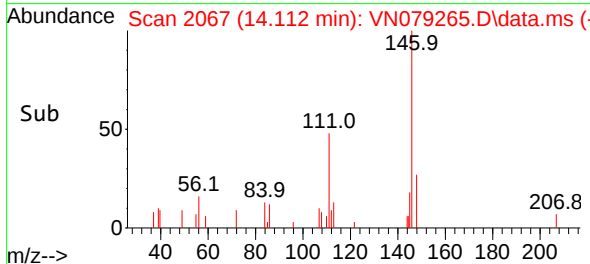
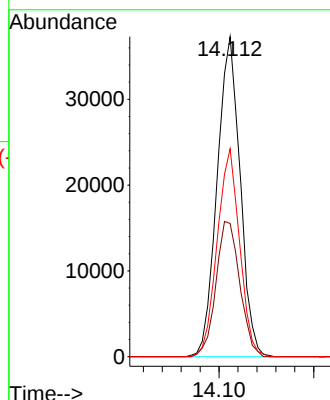
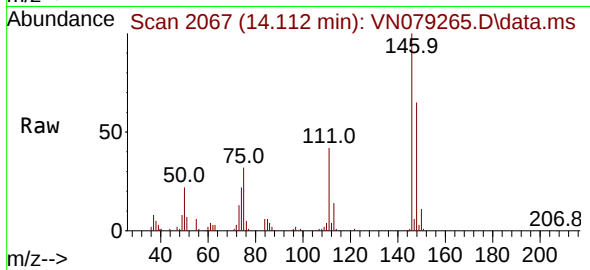
#91
1,2-Dichlorobenzene
Concen: 15.440 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01

Tgt Ion:146 Resp: 6288
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 63.3 31.8 95.3

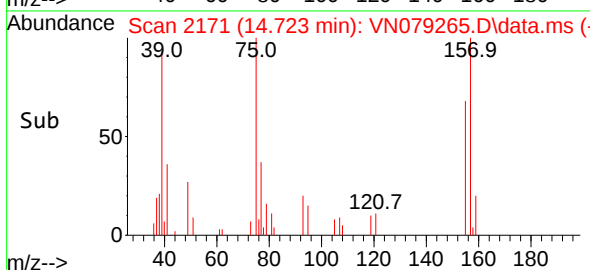
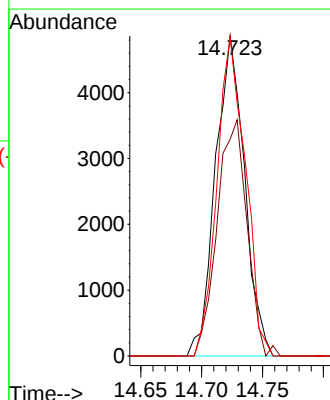
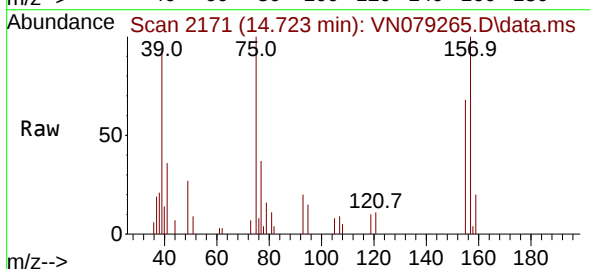
Manual Integrations
APPROVED

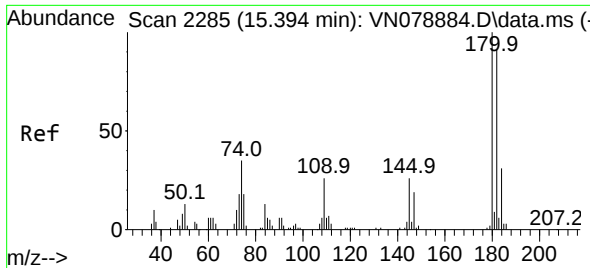
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.314 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

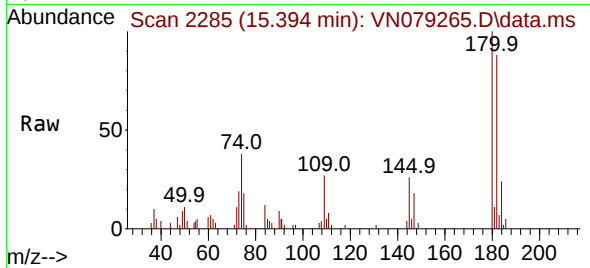
Tgt Ion: 75 Resp: 8049
Ion Ratio Lower Upper
75 100
155 75.9 39.1 117.2
157 97.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 11.638 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

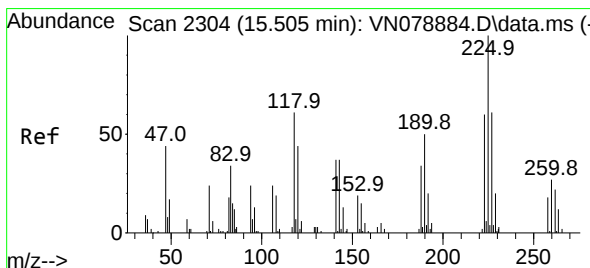
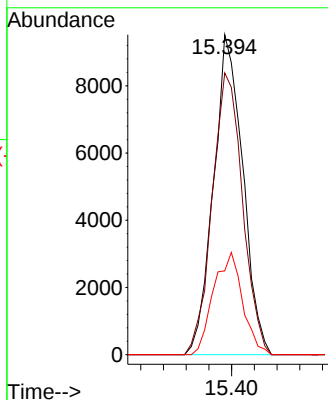
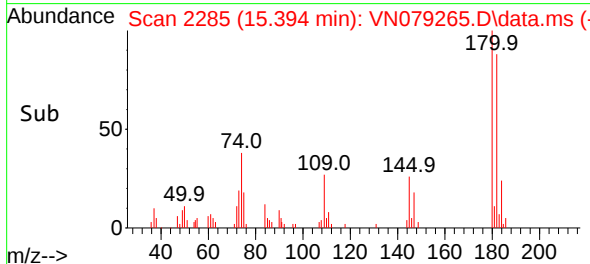
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



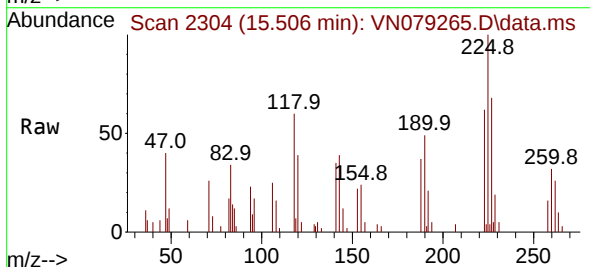
Tgt Ion:180 Resp: 1703
Ion Ratio Lower Upper
180 100
182 91.2 46.1 138.2
145 31.7 16.6 49.8

Manual Integrations
APPROVED

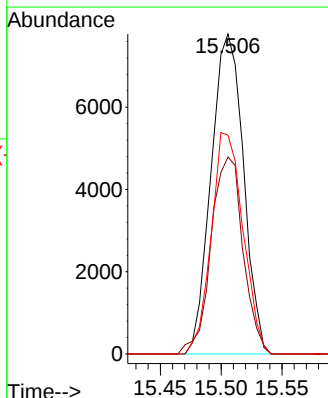
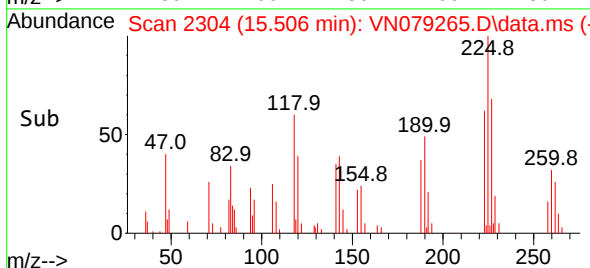
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

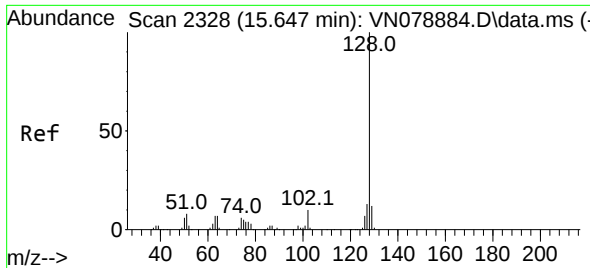


#94
Hexachlorobutadiene
Concen: 12.497 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05



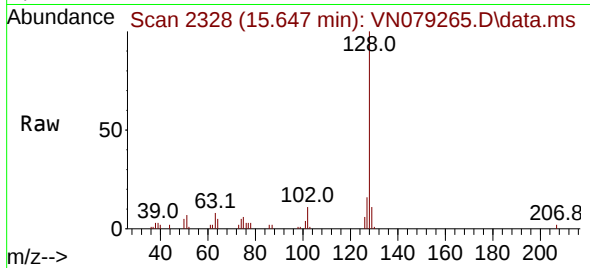
Tgt Ion:225 Resp: 14388
Ion Ratio Lower Upper
225 100
223 60.9 31.3 93.8
227 67.9 31.9 95.9





#95
Naphthalene
Concen: 9.350 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

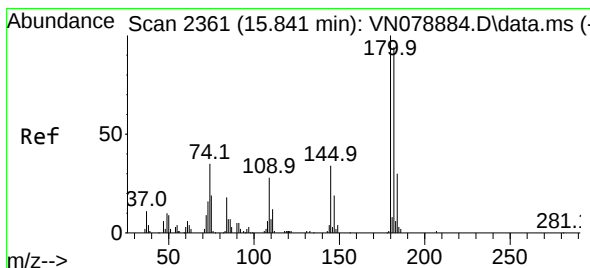
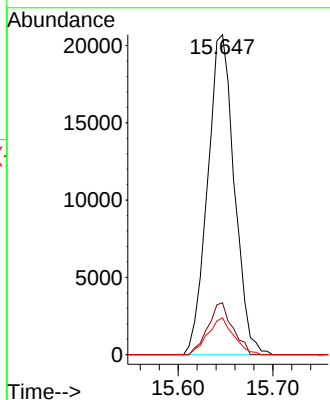
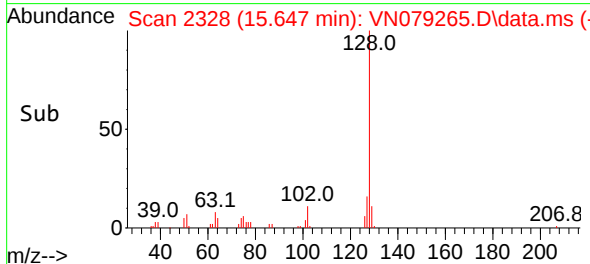
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBS01



Tgt Ion:128 Resp: 4064
Ion Ratio Lower Upper
128 100
127 14.9 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 11.243 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079265.D
Acq: 15 Sep 2023 12:05

Tgt Ion:180 Resp: 19411
Ion Ratio Lower Upper
180 100
182 94.7 46.2 138.6
145 34.8 17.5 52.6

