

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
 Data File : VN083871.D
 Acq On : 13 Sep 2024 15:34
 Operator : JC\MD
 Sample : VN0913WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/14/2024
 Supervised By :Semsettin Yesilyurt 09/16/2024

Quant Time: Sep 13 23:52:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	24994	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	138597	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	126954	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	68119	29.816	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.400%		
60) 4-Bromofluorobenzene	12.847	95	65824	30.084	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.267%		
63) Toluene-d8	10.565	98	177639	30.219	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.733%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	31722	18.952	ug/l	93
3) Chloromethane	2.359	50	32410	18.636	ug/l	99
4) Vinyl Chloride	2.518	62	33185	18.562	ug/l	93
5) Bromomethane	2.959	94	21660	21.684	ug/l	97
6) Chloroethane	3.118	64	22145	18.497	ug/l	98
7) Trichlorofluoromethane	3.501	101	54246	18.098	ug/l	91
8) Diethyl Ether	3.965	74	18449	18.114	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	29106	18.078	ug/l	85
10) 1,1-Dichloroethene	4.342	96	27973	18.007	ug/l #	80
11) Methyl Iodide	4.595	142	37559	17.800	ug/l	99
12) Methyl Acetate	5.030	43	36804	19.645	ug/l #	78
13) Acrolein	4.183	56	29662	108.489	ug/l	99
14) Acrylonitrile	5.718	53	75999	100.243	ug/l	98
15) Acetone	4.436	58	23532m	93.569	ug/l	
16) Carbon Disulfide	4.718	76	75209	17.131	ug/l	99
17) Allyl chloride	5.018	41	46170	16.949	ug/l	84
18) Methylene Chloride	5.271	84	31297	18.415	ug/l	90
19) trans-1,2-Dichloroethene	5.789	96	28528	17.719	ug/l	97
20) Diisopropyl ether	6.671	45	102176	18.573	ug/l	93
21) 1,1-Dichloroethane	6.571	63	57958	18.452	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	35727	18.232	ug/l	93
23) tert-Butyl Alcohol	5.524	59	32519	116.887	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	102447	18.558	ug/l #	85
25) Chloroform	7.971	83	61607	18.508	ug/l	98
26) Cyclohexane	8.259	56	49066	17.736	ug/l #	86
29) 1,1-Dichloropropene	8.371	75	42233	19.211	ug/l	97
30) 2-Butanone	7.483	43	116158	112.092	ug/l	95
31) 2,2-Dichloropropane	7.489	77	52714	18.808	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	56784	19.342	ug/l	98
33) Carbon Tetrachloride	8.359	117	48975	19.263	ug/l #	85
34) Benzene	8.606	78	125288	18.995	ug/l	99
35) Methacrylonitrile	7.777	41	24742	21.239	ug/l	93
36) 1,2-Dichloroethane	8.671	62	50189	20.240	ug/l #	94
37) Trichloroethene	9.353	130	30767	19.864	ug/l	97
38) Methylcyclohexane	9.600	83	46945	17.837	ug/l	95
39) 1,2-Dichloropropane	9.618	63	31088	19.583	ug/l	95
40) Dibromomethane	9.712	93	23302	20.075	ug/l	92
41) Bromodichloromethane	9.888	83	47763	19.351	ug/l	92
42) Vinyl Acetate	6.600	43	398593	93.553	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	44162	21.173	ug/l	96
44) Isopropyl Acetate	8.688	43	77663	21.528	ug/l #	88
45) 1,4-Dioxane	9.694	88	13157	467.592	ug/l #	94
46) Methyl methacrylate	9.682	41	37516	21.485	ug/l	81
47) n-amyl Acetate	12.494	43	67561	21.142	ug/l	90
48) t-1,3-Dichloropropene	10.835	75	48036	18.502	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	50547	18.720	ug/l #	84
50) 1,1,2-Trichloroethane	11.018	97	30779	20.839	ug/l	97
51) Ethyl methacrylate	10.871	69	48811	19.343	ug/l	74
52) 1,3-Dichloropropane	11.165	76	53364	20.007	ug/l	99
53) Dibromochloromethane	11.359	129	35113	19.820	ug/l	99
54) 1,2-Dibromoethane	11.471	107	31124	20.369	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	103028	102.450	ug/l	97
56) Bromoform	12.576	173	21667	19.251	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	226838	112.686	ug/l #	88
59) 2-Hexanone	11.194	43	170870	112.336	ug/l	87
61) Tetrachloroethene	11.100	164	26064	19.399	ug/l	89
62) Toluene	10.629	91	140402	19.241	ug/l	97
64) Chlorobenzene	11.888	112	84732	18.755	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	30314	19.261	ug/l	99
66) Ethyl Benzene	11.965	91	153103	18.450	ug/l	99
67) m/p-Xylenes	12.071	106	112726	36.923	ug/l	97
68) o-Xylene	12.400	106	55519	18.790	ug/l	97
69) Styrene	12.412	104	92249	18.477	ug/l	97
70) Isopropylbenzene	12.694	105	144324	18.509	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	42852	20.121	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	38250m	20.485	ug/l	
73) Bromobenzene	12.982	156	33693	18.812	ug/l	94
74) n-propylbenzene	13.035	91	167530	18.353	ug/l	100
75) 2-Chlorotoluene	13.123	91	105534	18.524	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	121174	18.603	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	14650	18.562	ug/l	79
78) 4-Chlorotoluene	13.223	91	106974	18.516	ug/l	99
79) tert-butylbenzene	13.435	119	104476	18.343	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	122120	18.553	ug/l	99
81) sec-Butylbenzene	13.618	105	142490	18.313	ug/l	99
82) p-Isopropyltoluene	13.729	119	117108	17.889	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	60648	17.594	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	60998	17.700	ug/l	99
85) n-Butylbenzene	14.059	91	102092	17.672	ug/l	97
86) Hexachloroethane	14.335	117	22090	17.806	ug/l	87
87) 1,2-Dichlorobenzene	14.106	146	58766	17.566	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9424	20.135	ug/l	90
89) 1,2,4-Trichlorobenzene	15.841	180	30504	16.644	ug/l	97
90) Hexachlorobutadiene	15.500	225	14380	18.956	ug/l	96
91) Naphthalene	15.641	128	101125	16.877	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	30504	16.644	ug/l	97

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

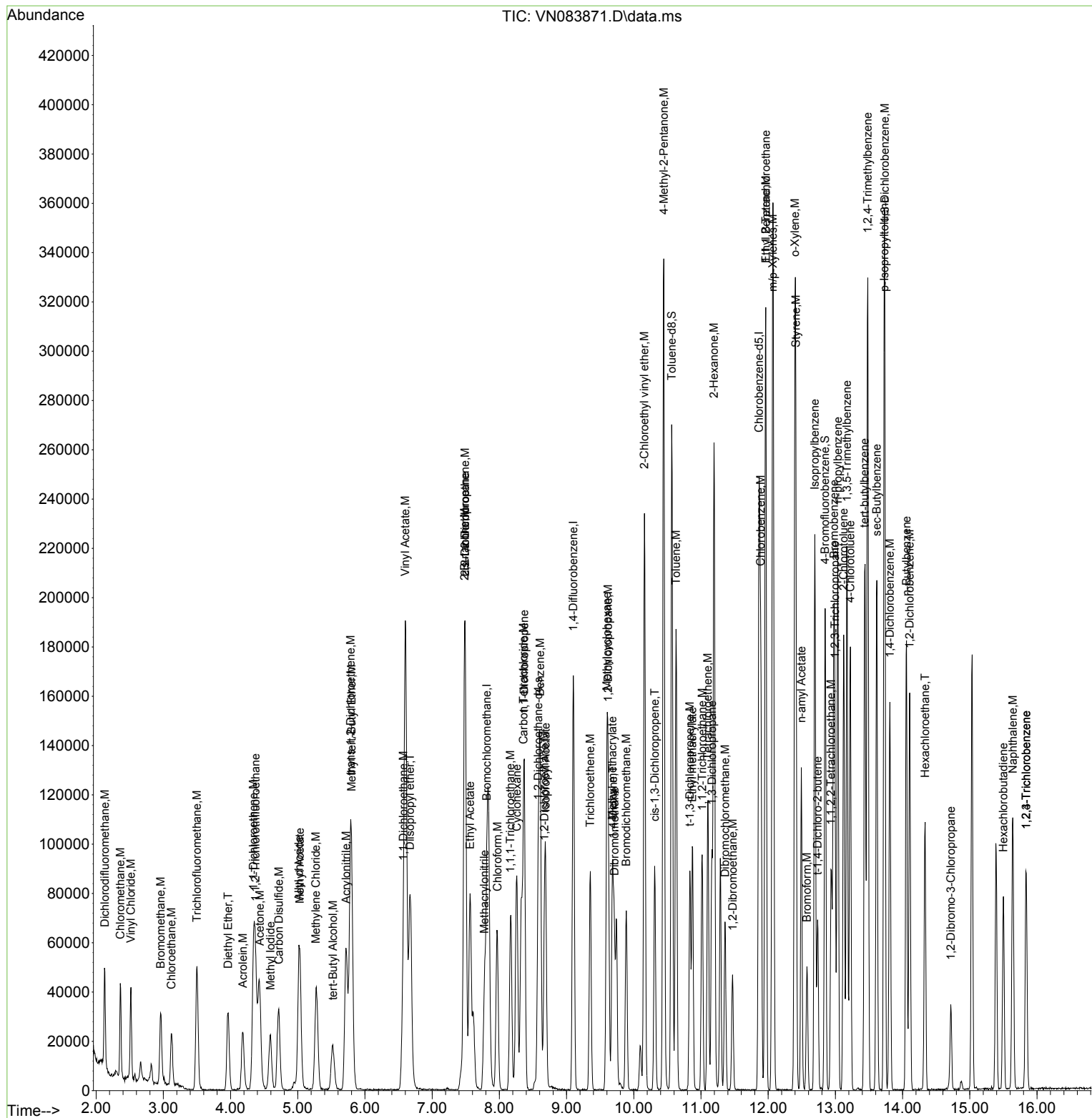
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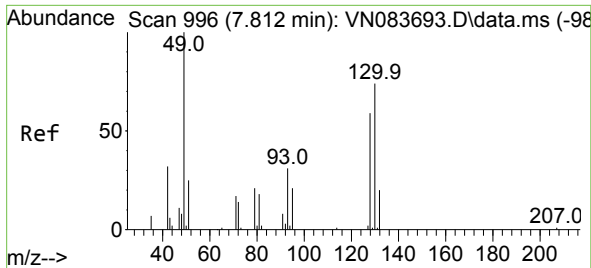
Instrument :
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 ClientSampleId :
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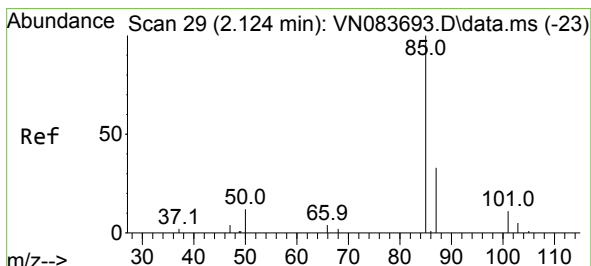
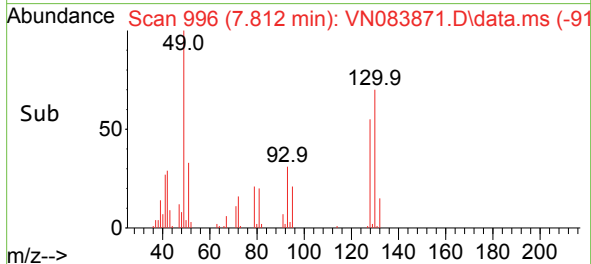
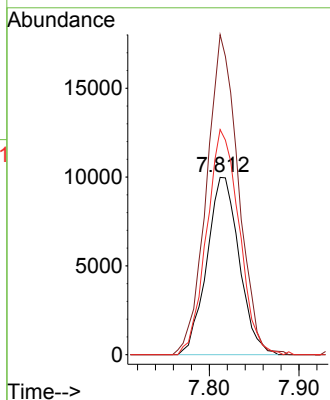
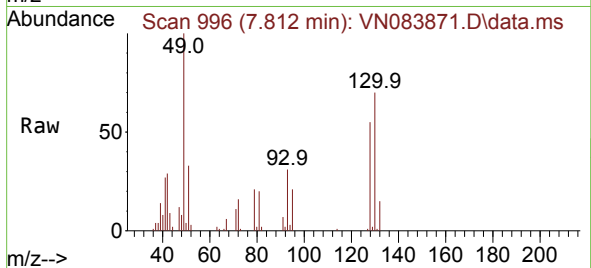
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion:128 Resp: 24994
Ion Ratio Lower Upper
128 100
49 176.5 0.0 403.7
130 127.8 0.0 323.3

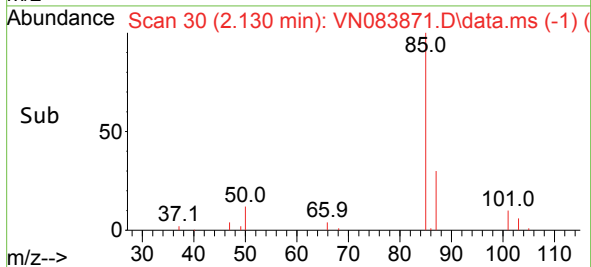
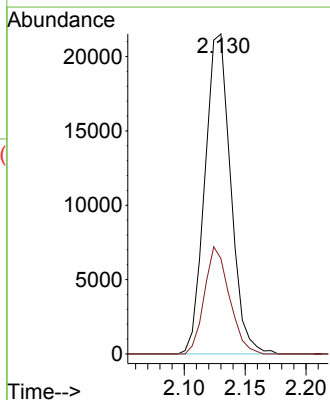
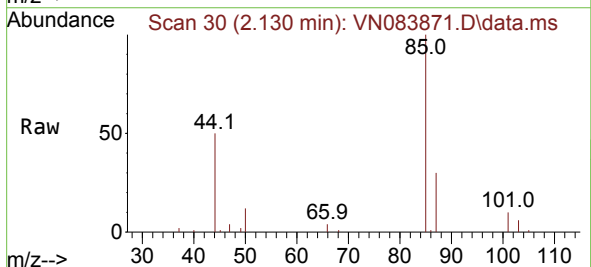
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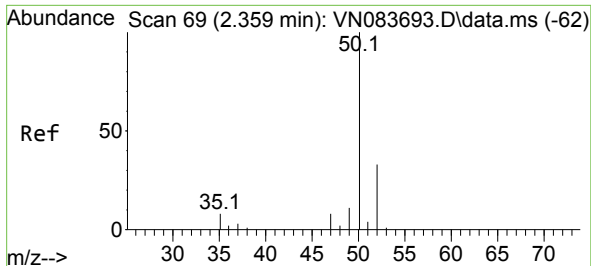
Reviewed By :John Carlone 09/14/2024
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#2
Dichlorodifluoromethane
Concen: 18.952 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

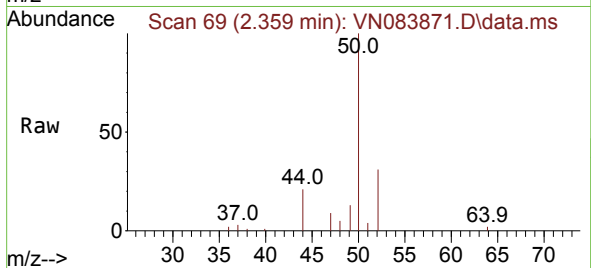
Tgt Ion: 85 Resp: 31722
Ion Ratio Lower Upper
85 100
87 29.8 16.8 50.3





#3
Chloromethane
Concen: 18.636 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

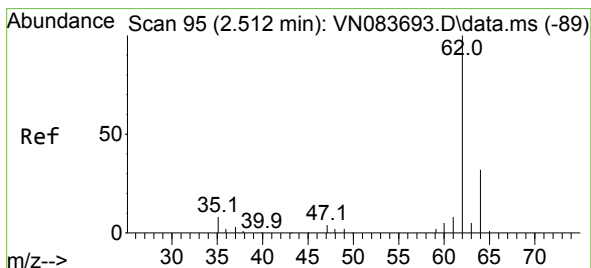
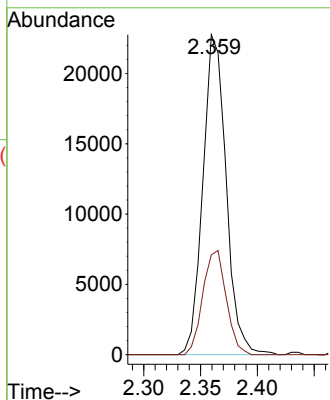
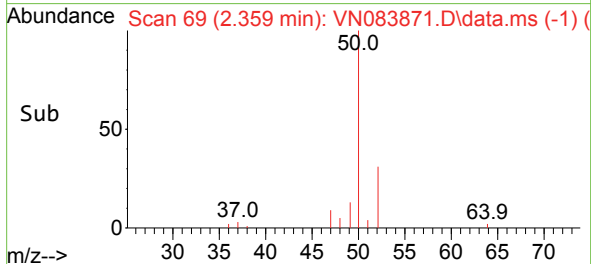
Instrument :
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ClientSampleId :
VN0913WBSD01



Tgt Ion: 50 Resp: 32410
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.0

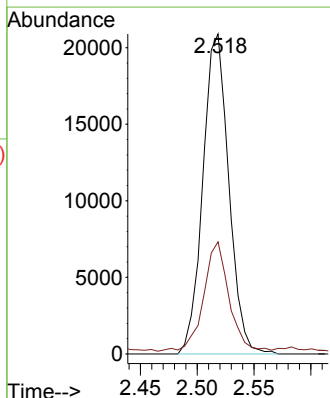
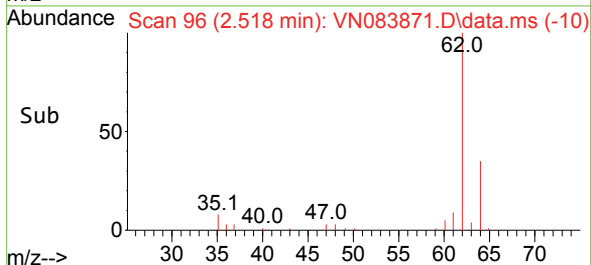
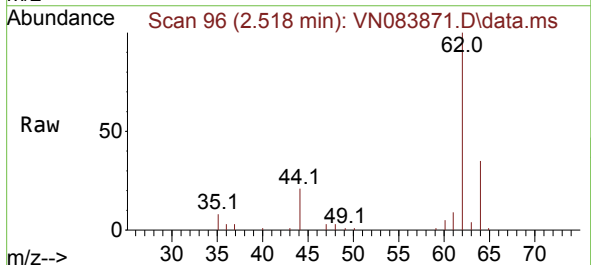
Manual Integrations
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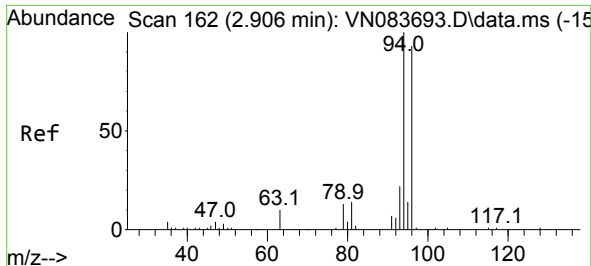
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#4
Vinyl Chloride
Concen: 18.562 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Tgt Ion: 62 Resp: 33185
Ion Ratio Lower Upper
62 100
64 33.8 24.1 36.1





#5

Bromomethane

Concen: 21.684 ug/l

RT: 2.959 min Scan# 171

Delta R.T. 0.053 min

Lab File: VN083871.D

Acq: 13 Sep 2024 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBSD01

Tgt Ion: 94 Resp: 2166

Ion Ratio Lower Upper

94 100

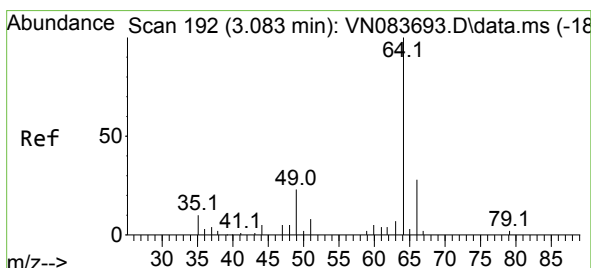
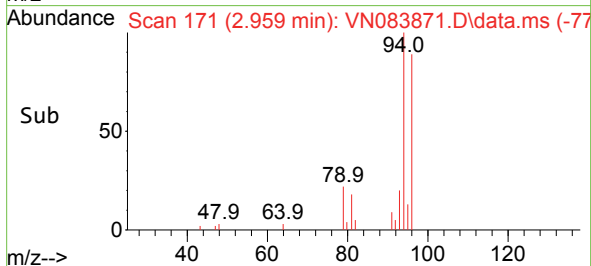
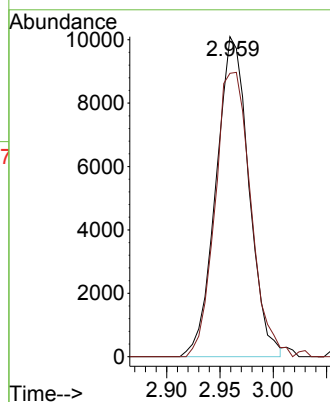
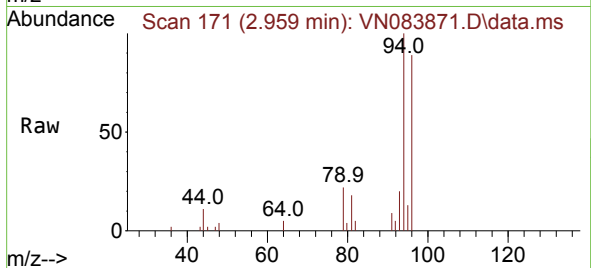
96 88.6 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 18.497 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.035 min

Lab File: VN083871.D

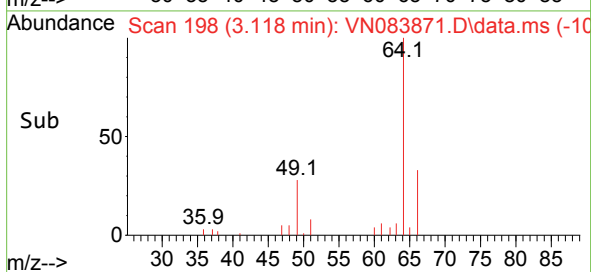
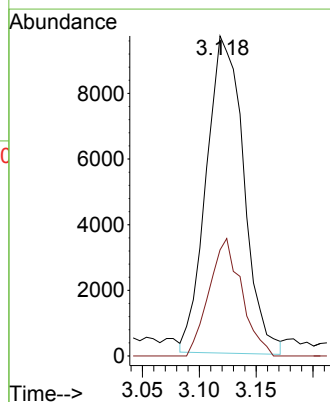
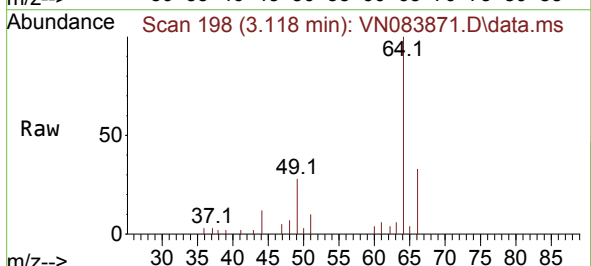
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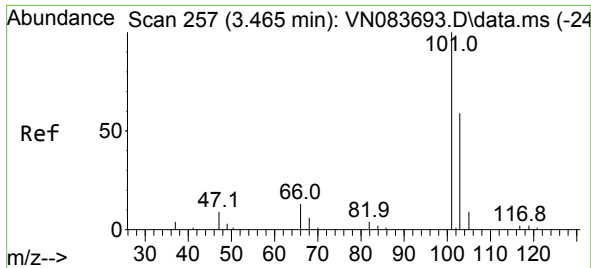
Tgt Ion: 64 Resp: 22145

Ion Ratio Lower Upper

64 100

66 34.5 26.7 40.1





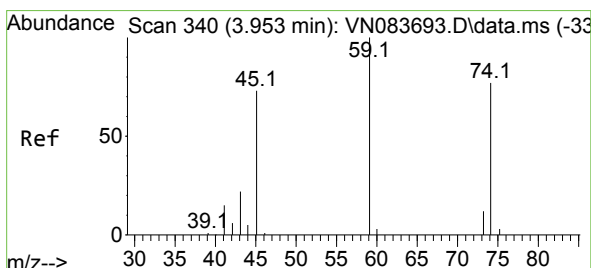
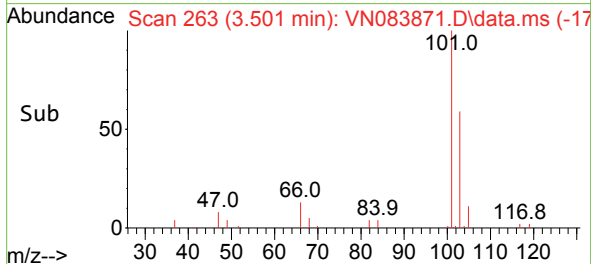
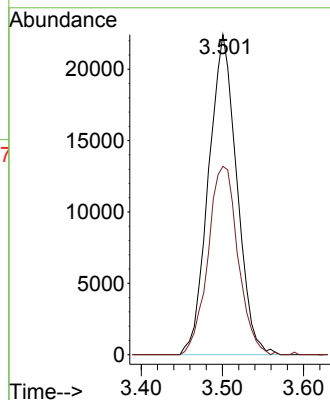
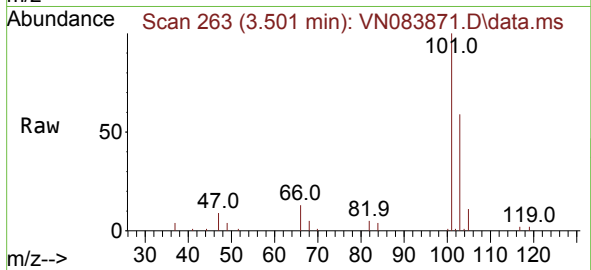
#7
 Trichlorofluoromethane
 Concen: 18.098 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.035 min
 Lab File: VN083871.D
 Acq: 13 Sep 2024 15:34

Instrument :
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Tgt Ion:101 Resp: 54240
 Ion Ratio Lower Upper
 101 100
 103 58.8 53.0 79.4

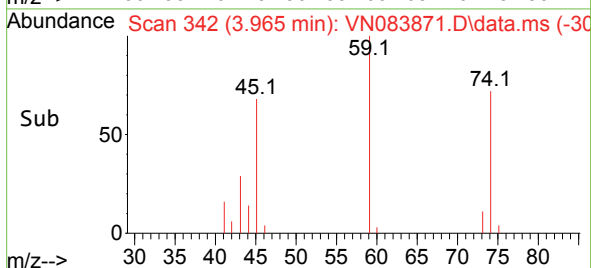
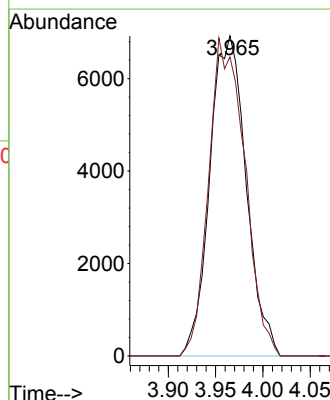
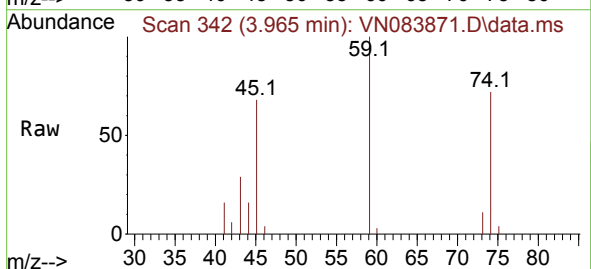
Manual Integrations
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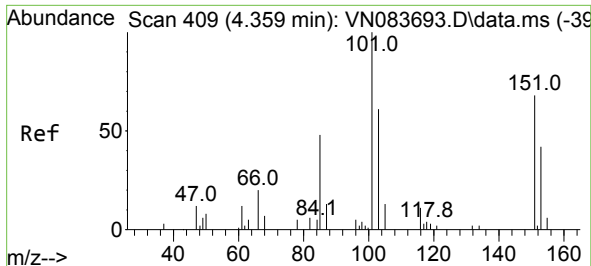
Reviewed By :John Carlone 09/14/2024
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#8
 Diethyl Ether
 Concen: 18.114 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN083871.D
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Tgt Ion: 74 Resp: 18449
 Ion Ratio Lower Upper
 74 100
 45 98.7 16.4 147.4





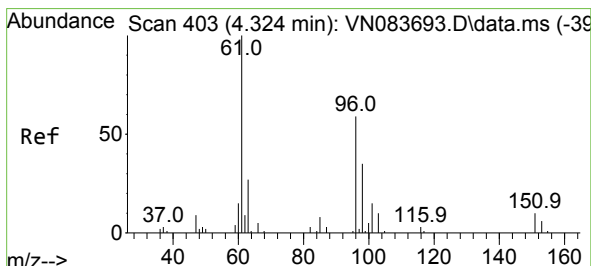
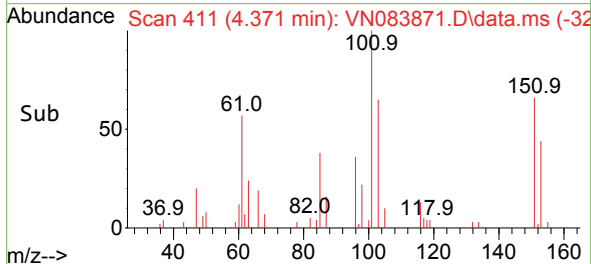
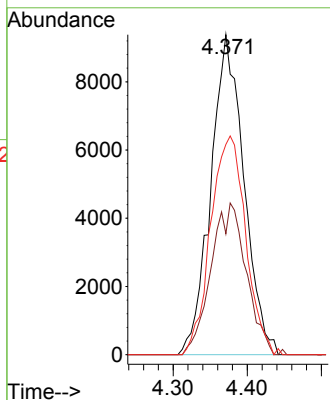
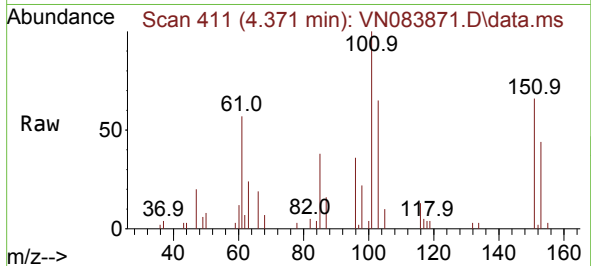
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.078 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 29100
Ion Ratio Lower Upper
101 100
85 26.3 0.0 90.6
151 72.3 0.0 157.6

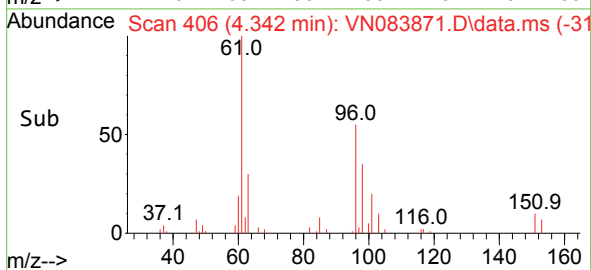
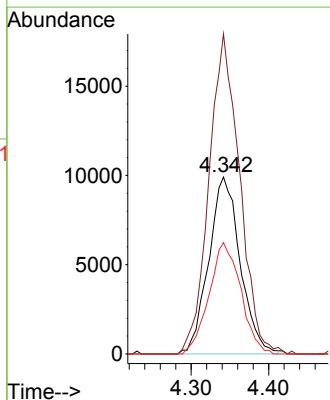
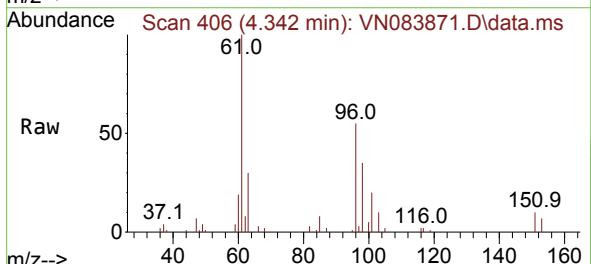
Manual Integrations
APPROVED

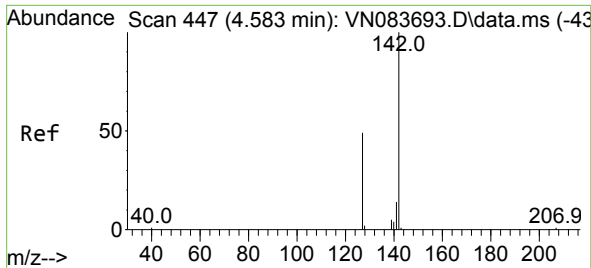
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#10
1,1-Dichloroethene
Concen: 18.007 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.018 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

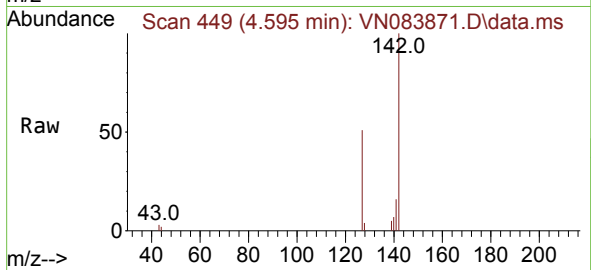
Tgt Ion: 96 Resp: 27973
Ion Ratio Lower Upper
96 100
61 180.9 117.6 176.4#
98 62.9 48.4 72.6





#11
Methyl Iodide
Concen: 17.800 ug/l
RT: 4.595 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

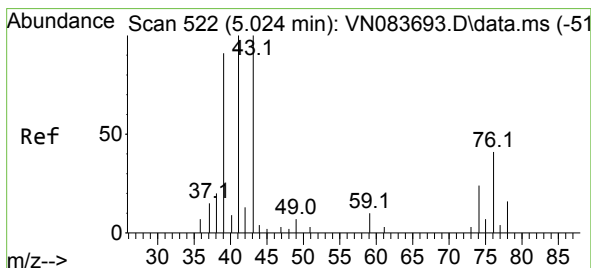
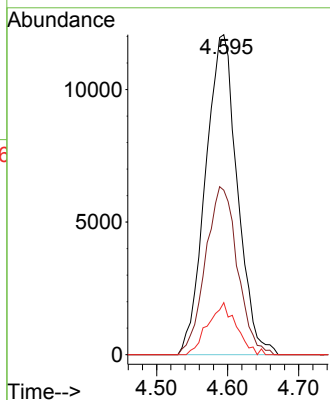
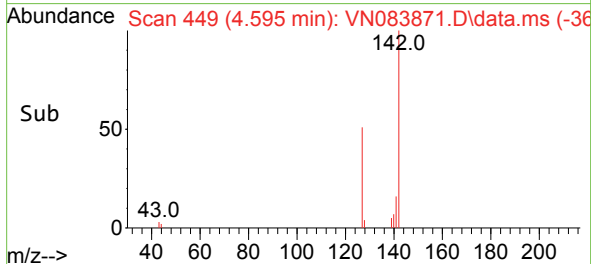
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



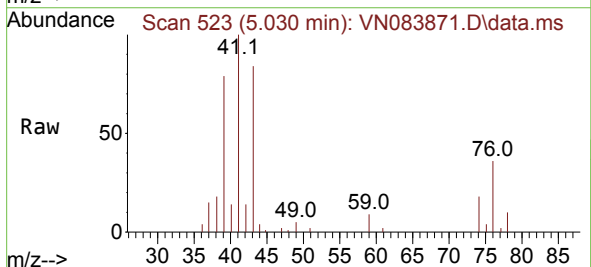
Tgt Ion:142 Resp: 37559
Ion Ratio Lower Upper
142 100
127 51.4 26.3 78.9
141 16.3 8.3 24.9

Manual Integrations
APPROVED

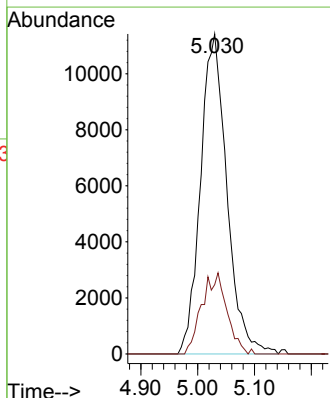
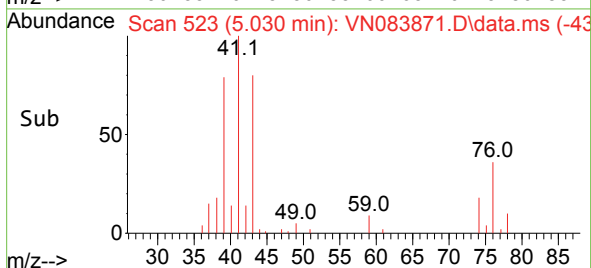
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

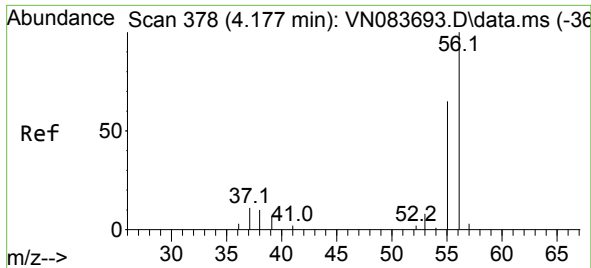


#12
Methyl Acetate
Concen: 19.645 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34



Tgt Ion: 43 Resp: 36804
Ion Ratio Lower Upper
43 100
74 21.7 27.7 41.5#





#13

Acrolein

Concen: 108.489 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083871.D

Acq: 13 Sep 2024 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBSD01

Tgt Ion: 56 Resp: 2966

Ion Ratio Lower Upper

56 100

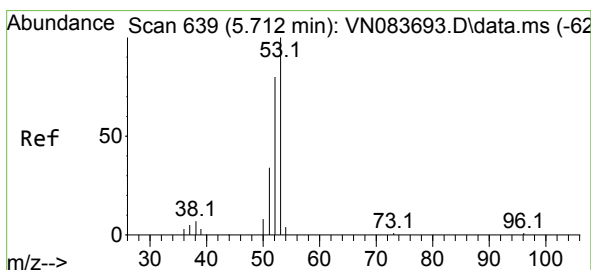
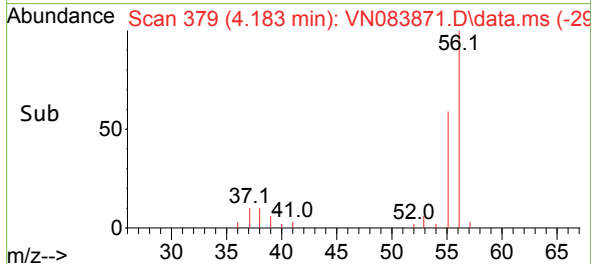
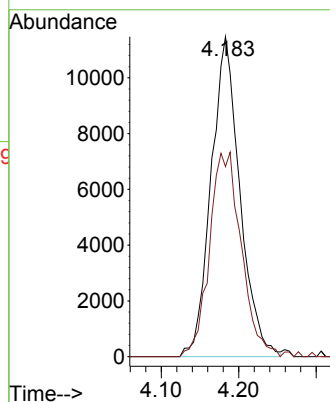
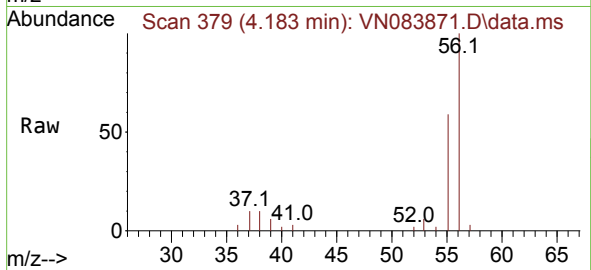
55 70.4 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2024

Supervised By :Semsettin Yesilyurt 09/16/2024



#14

Acrylonitrile

Concen: 100.243 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.006 min

Lab File: VN083871.D

Acq: 13 Sep 2024 15:34

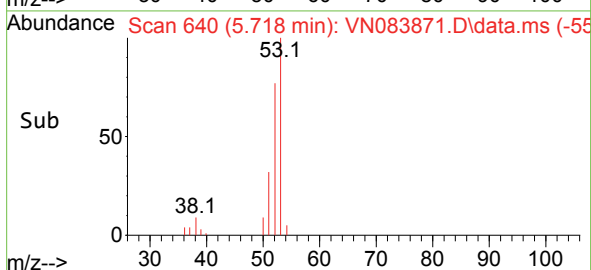
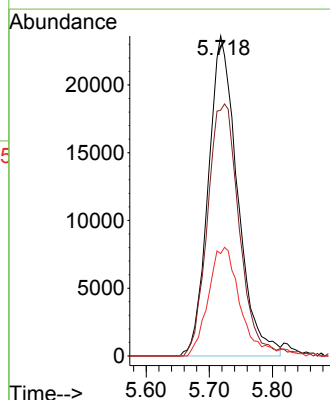
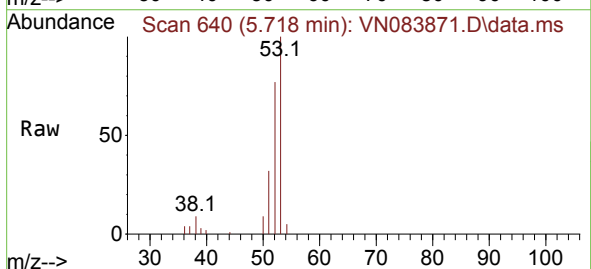
Tgt Ion: 53 Resp: 75999

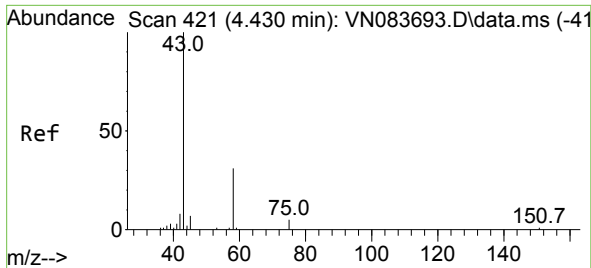
Ion Ratio Lower Upper

53 100

52 84.5 41.3 123.9

51 35.5 16.8 50.3





#15

Acetone

Concen: 93.569 ug/l m

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN083871.D

Acq: 13 Sep 2024 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBSD01

Tgt Ion: 58 Resp: 2353

Ion Ratio Lower Upper

58 100

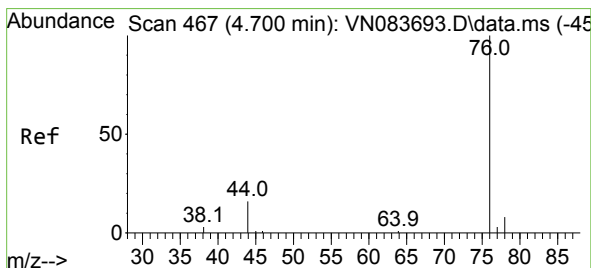
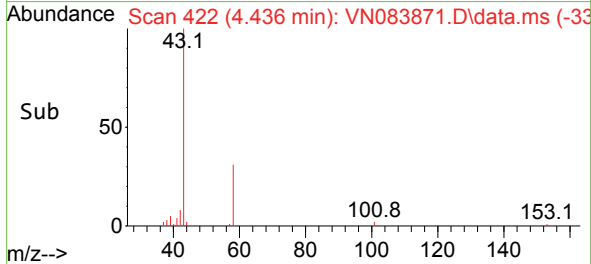
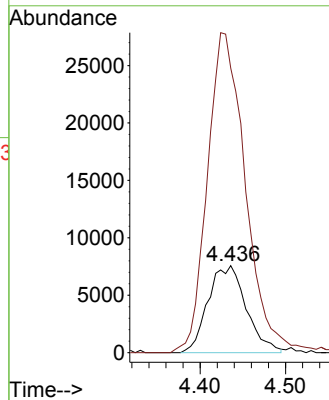
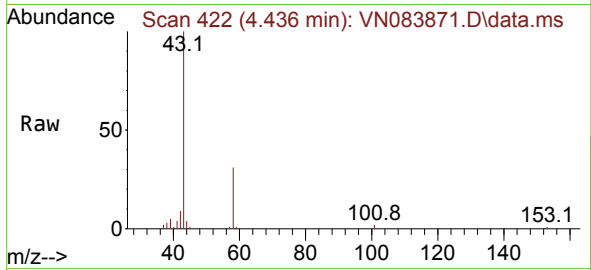
43 326.8 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2024

Supervised By :Semsettin Yesilyurt 09/16/2024



#16

Carbon Disulfide

Concen: 17.131 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.018 min

Lab File: VN083871.D

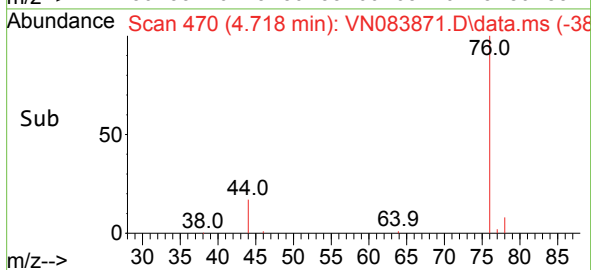
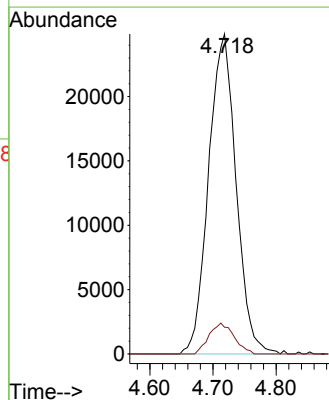
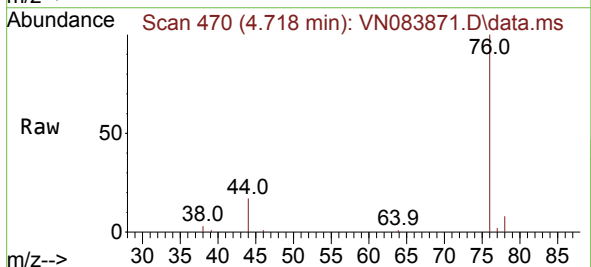
Acq: 13 Sep 2024 15:34

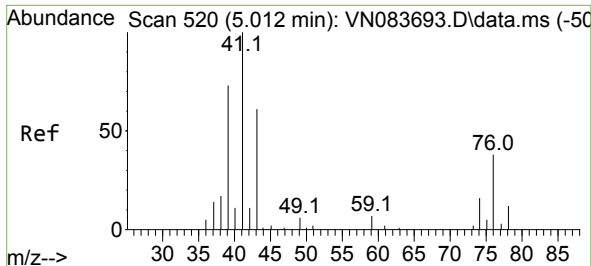
Tgt Ion: 76 Resp: 75209

Ion Ratio Lower Upper

76 100

78 8.3 6.3 9.5





#17

Allyl chloride

Concen: 16.949 ug/l

RT: 5.018 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN083871.D

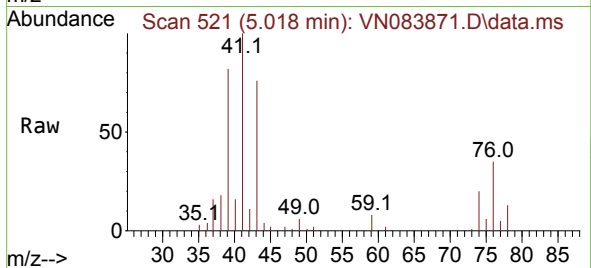
Acq: 13 Sep 2024 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBSD01



Tgt Ion: 41 Resp: 46170

Ion Ratio Lower Upper

41 100

39 80.7 37.6 112.9

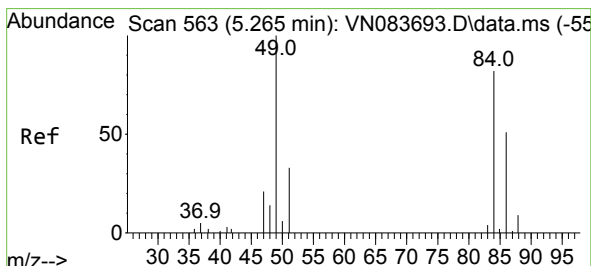
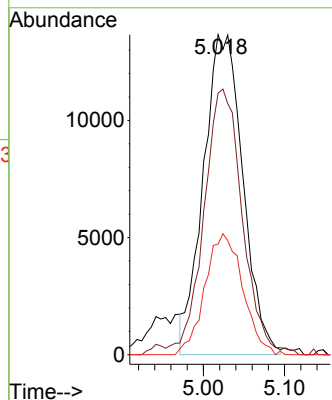
76 33.9 27.8 83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2024

Supervised By :Semsettin Yesilyurt 09/16/2024



#18

Methylene Chloride

Concen: 18.415 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.006 min

Lab File: VN083871.D

Acq: 13 Sep 2024 15:34

Tgt Ion: 84 Resp: 31297

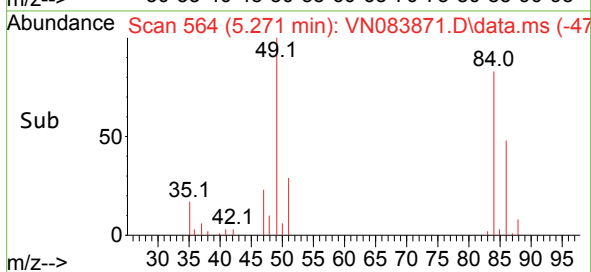
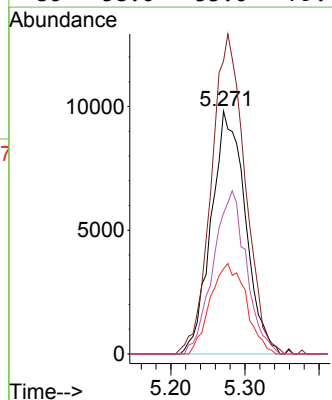
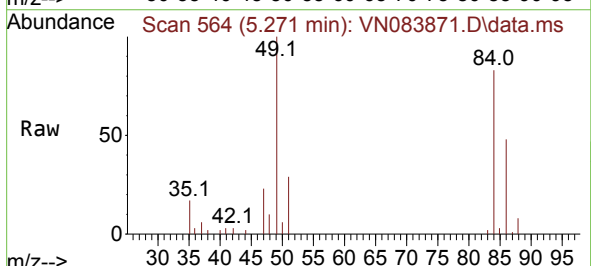
Ion Ratio Lower Upper

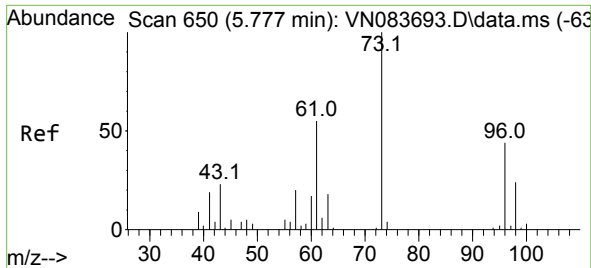
84 100

49 118.9 86.0 129.0

51 35.0 30.0 45.0

86 58.0 53.0 79.4





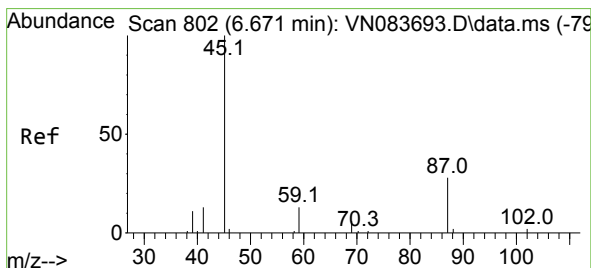
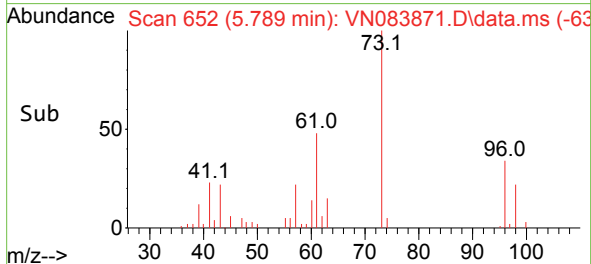
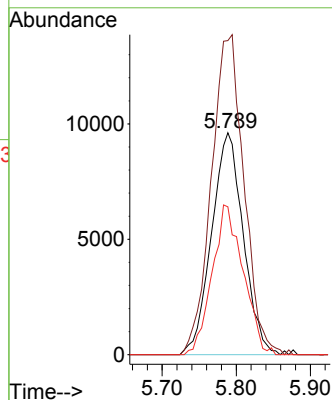
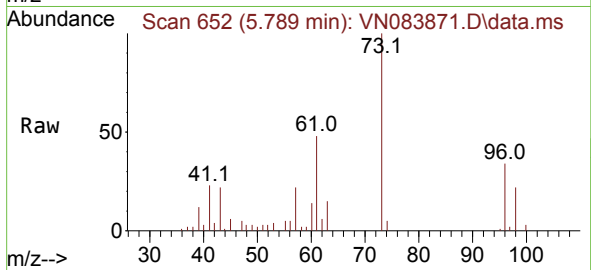
#19
trans-1,2-Dichloroethene
Concen: 17.719 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion: 96 Resp: 2852
Ion Ratio Lower Upper
96 100
61 141.6 111.8 167.6
98 66.6 49.2 73.8

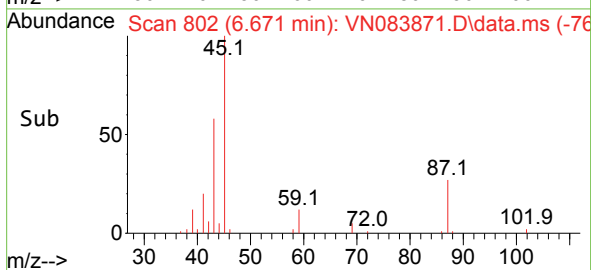
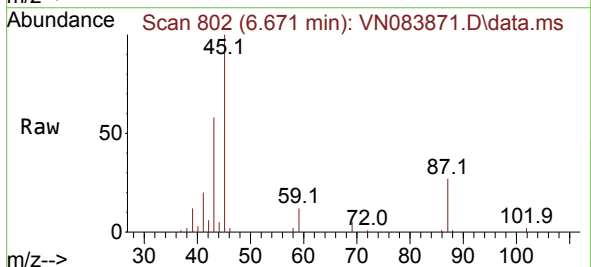
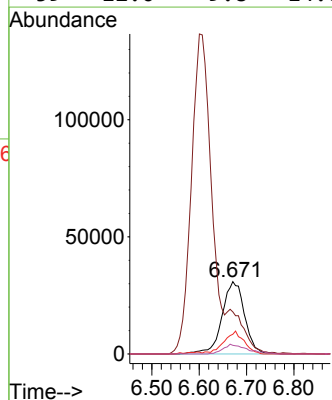
Manual Integrations
APPROVED

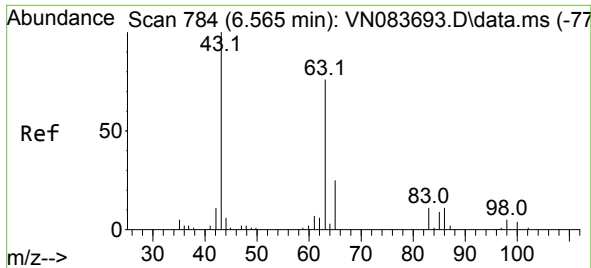
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#20
Diisopropyl ether
Concen: 18.573 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Tgt Ion: 45 Resp: 102176
Ion Ratio Lower Upper
45 100
43 57.3 40.4 60.6
87 27.1 23.8 35.8
59 12.0 9.8 14.6





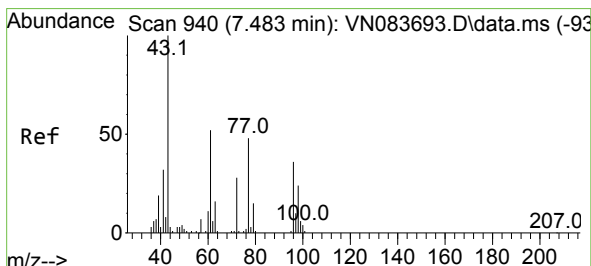
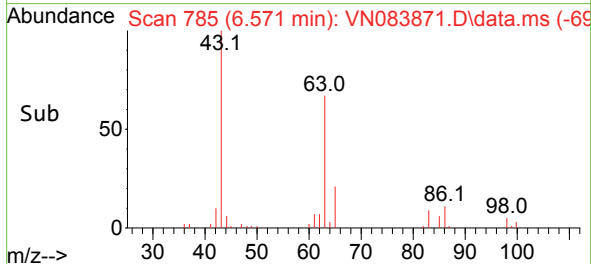
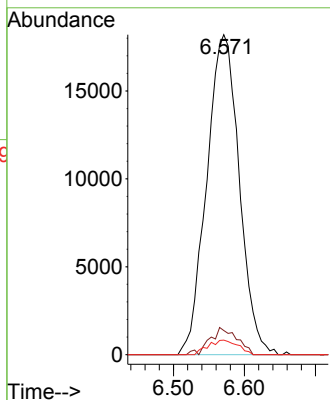
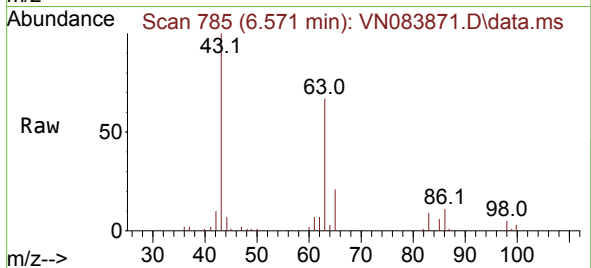
#21
1,1-Dichloroethane
Concen: 18.452 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion: 63 Resp: 57958
Ion Ratio Lower Upper
63 100
98 7.6 4.1 12.3
100 4.5 3.0 9.0

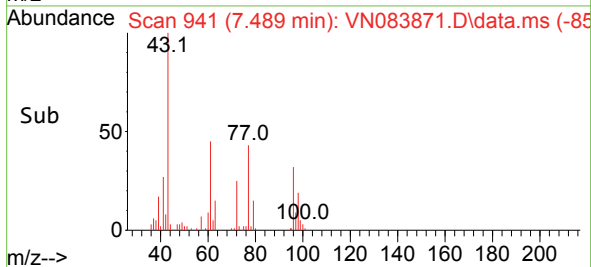
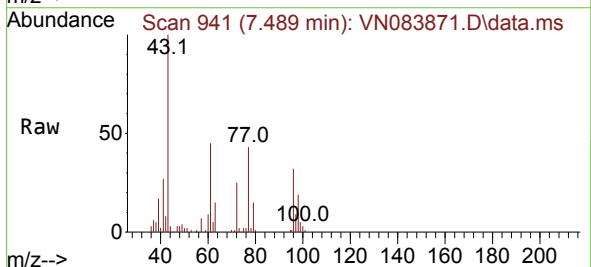
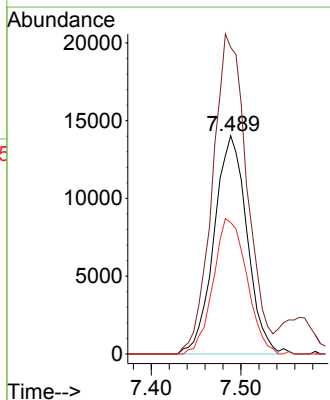
Manual Integrations
APPROVED

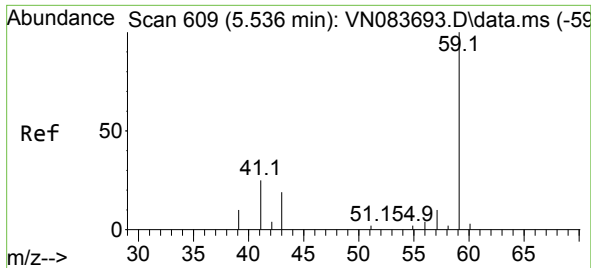
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#22
cis-1,2-Dichloroethene
Concen: 18.232 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

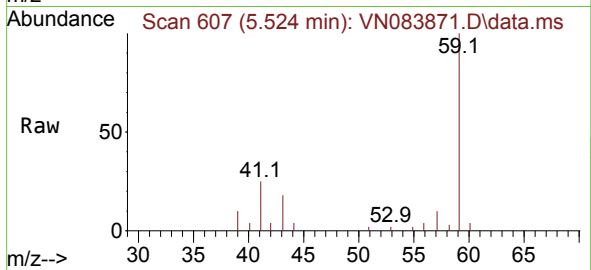
Tgt Ion: 96 Resp: 35727
Ion Ratio Lower Upper
96 100
61 153.8 113.5 170.3
98 63.1 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 116.887 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

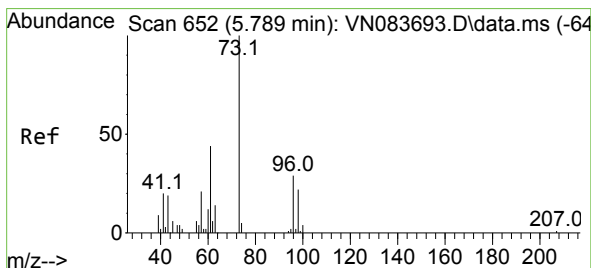
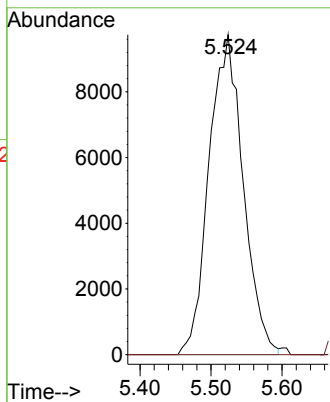
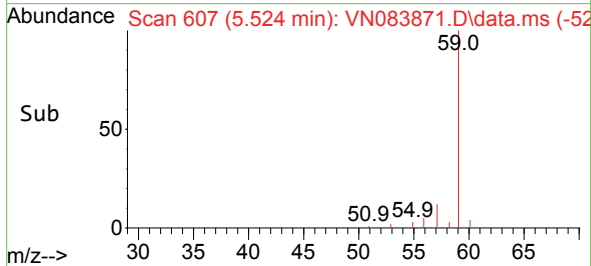
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



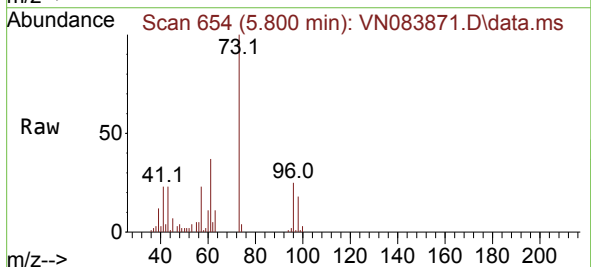
Tgt Ion: 59 Resp: 32519
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

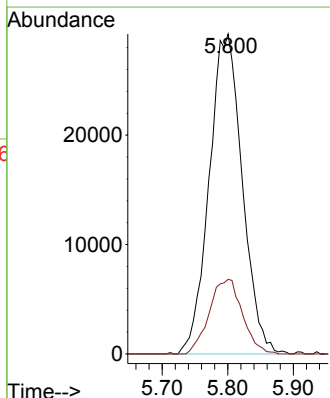
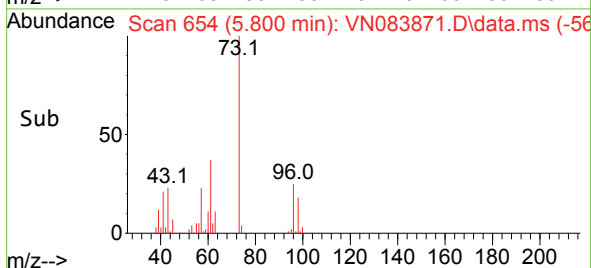
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

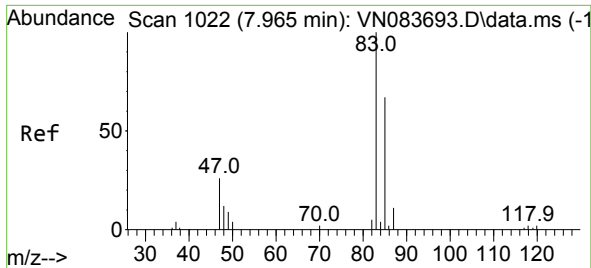


#24
Methyl tert-Butyl Ether
Concen: 18.558 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.012 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34



Tgt Ion: 73 Resp: 102447
Ion Ratio Lower Upper
73 100
43 23.3 13.4 20.2#





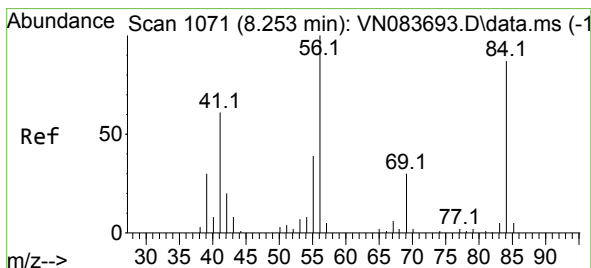
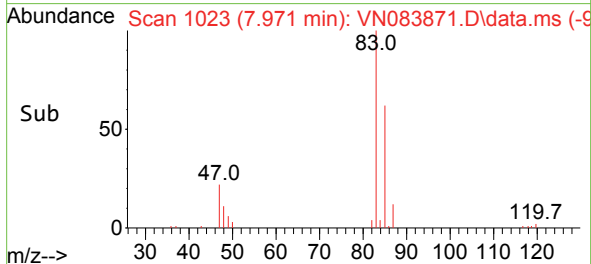
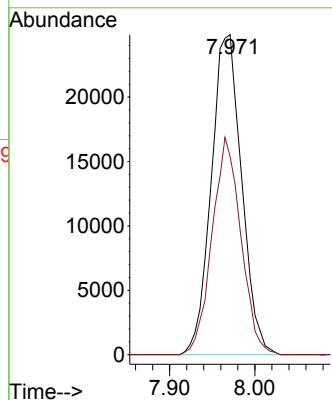
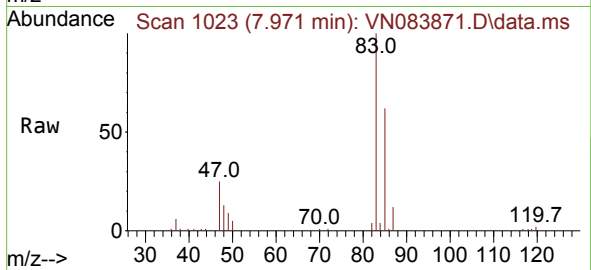
#25
Chloroform
Concen: 18.508 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion: 83 Resp: 6160
Ion Ratio Lower Upper
83 100
85 61.9 50.9 76.3

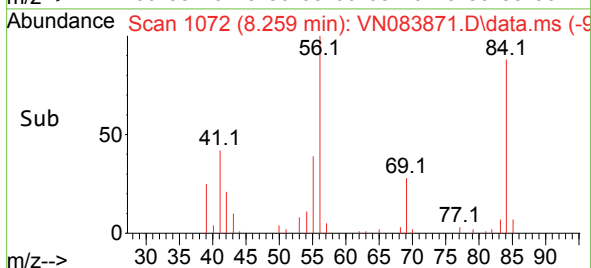
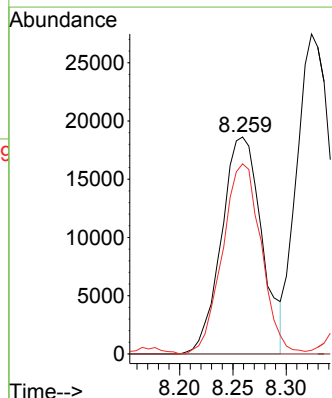
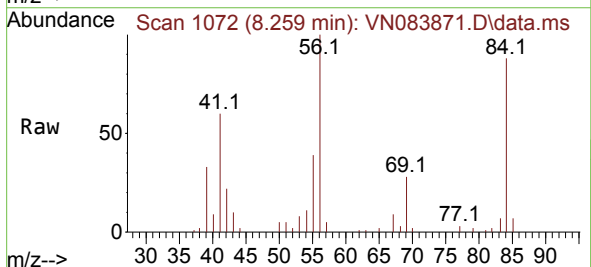
Manual Integrations
APPROVED

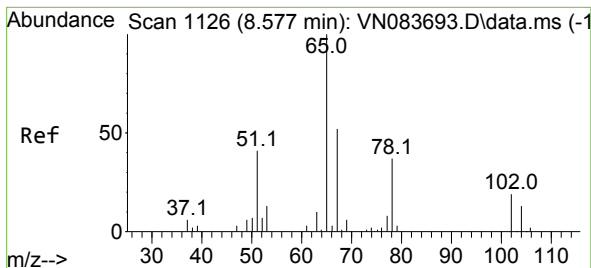
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#26
Cyclohexane
Concen: 17.736 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Tgt Ion: 56 Resp: 49066
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 84.2 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 29.816 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083871.D

Acq: 13 Sep 2024 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBSD01

Tgt Ion: 65 Resp: 68119

Ion Ratio Lower Upper

65 100

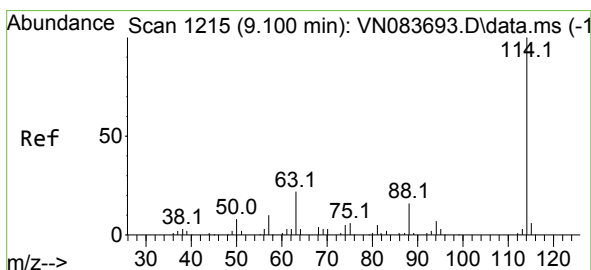
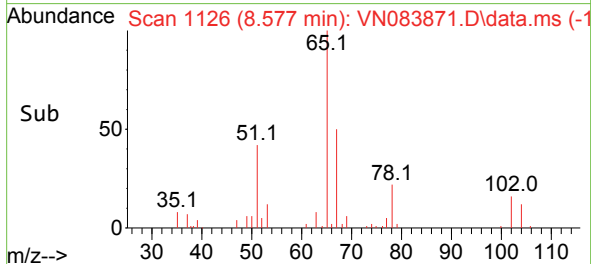
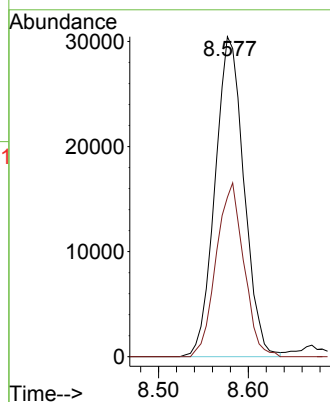
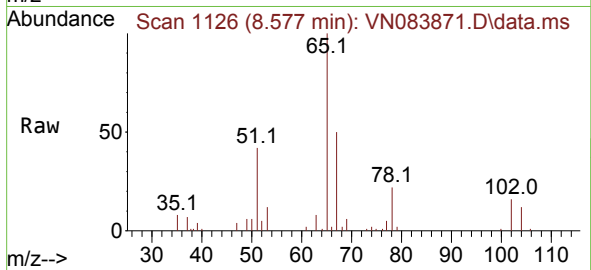
67 51.9 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2024

Supervised By :Semsettin Yesilyurt 09/16/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083871.D

Acq: 13 Sep 2024 15:34

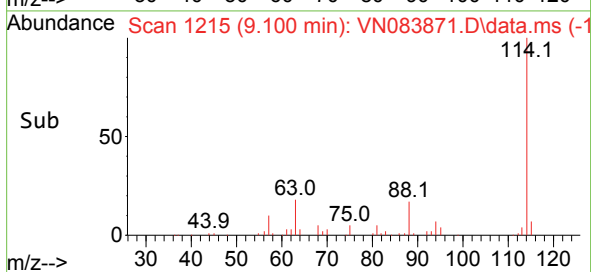
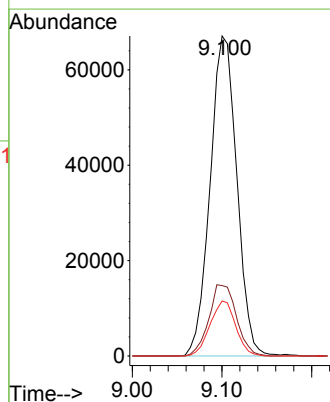
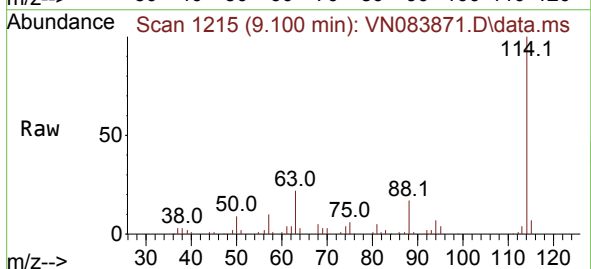
Tgt Ion:114 Resp: 138597

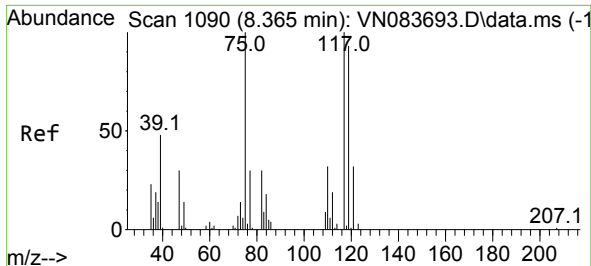
Ion Ratio Lower Upper

114 100

63 23.0 15.9 23.9

88 16.5 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.211 ug/l

RT: 8.371 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN083871.D

Acq: 13 Sep 2024 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBSD01

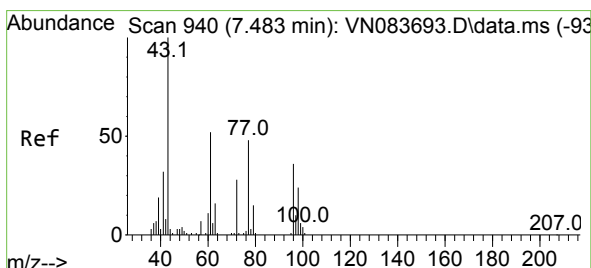
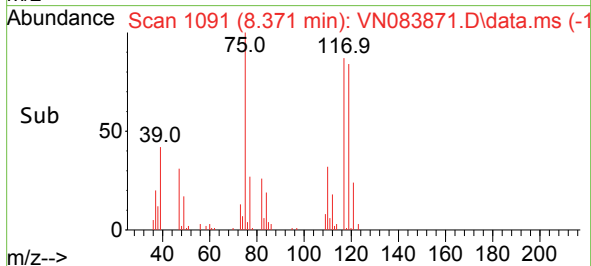
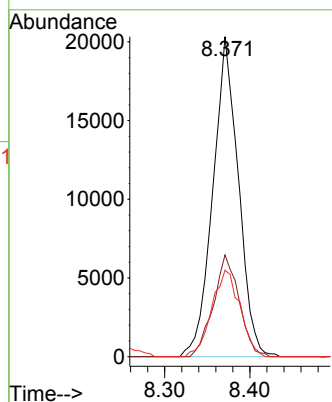
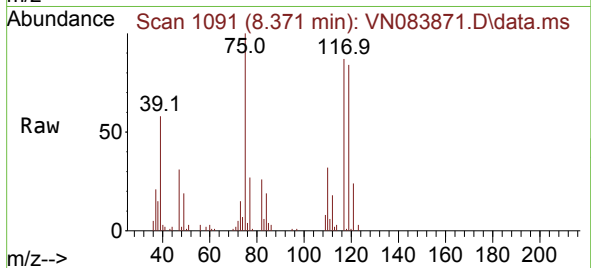
Tgt Ion:	75	Resp:	4223
Ion Ratio	Lower	Upper	
75	100		
110	32.1	0.0	70.2
77	29.9	0.0	61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2024

Supervised By :Semsettin Yesilyurt 09/16/2024



#30

2-Butanone

Concen: 112.092 ug/l

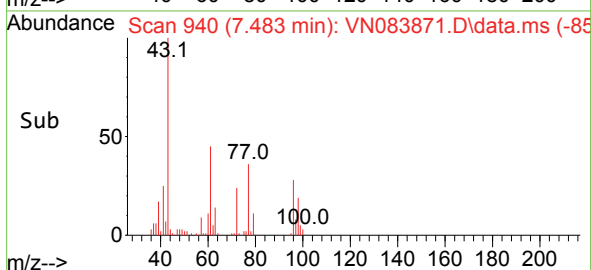
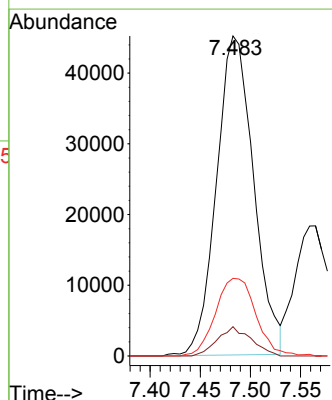
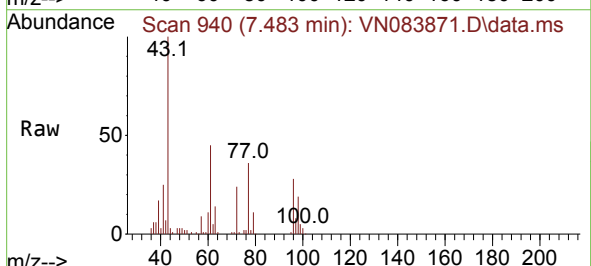
RT: 7.483 min Scan# 940

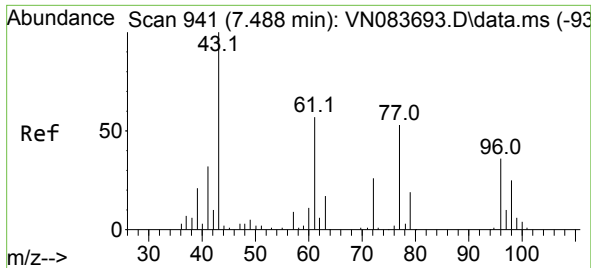
Delta R.T. 0.000 min

Lab File: VN083871.D

Acq: 13 Sep 2024 15:34

Tgt Ion:	43	Resp:	116158
Ion Ratio	Lower	Upper	
43	100		
57	8.3	6.7	10.1
72	26.4	24.0	36.0





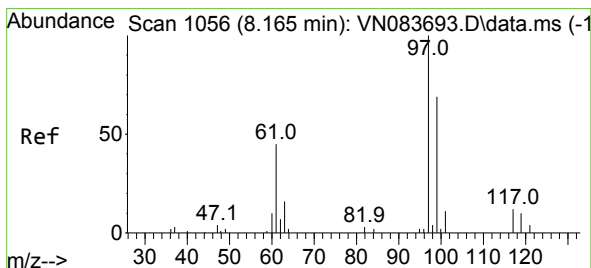
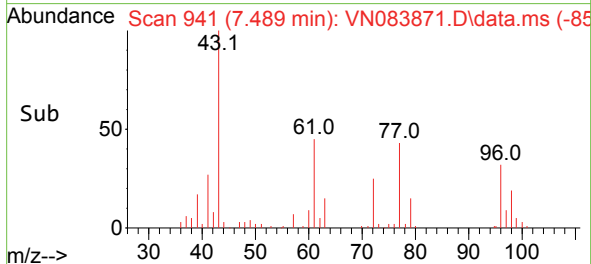
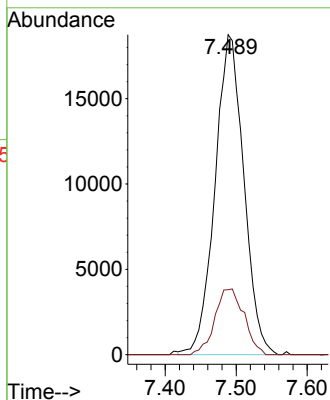
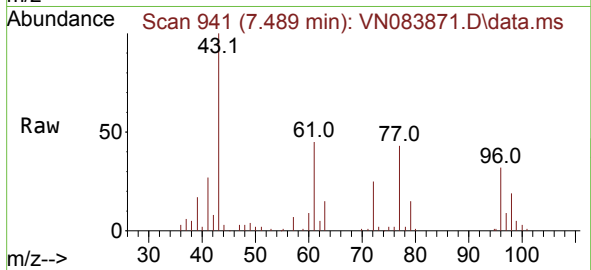
#31
2,2-Dichloropropane
Concen: 18.808 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion: 77 Resp: 52714
Ion Ratio Lower Upper
77 100
97 20.9 18.3 27.5

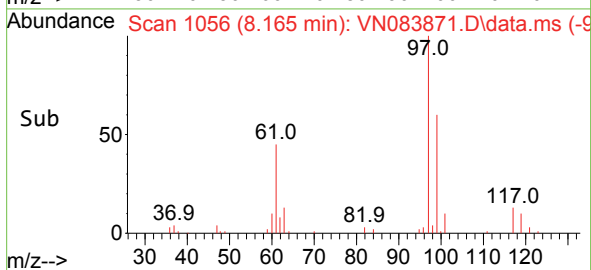
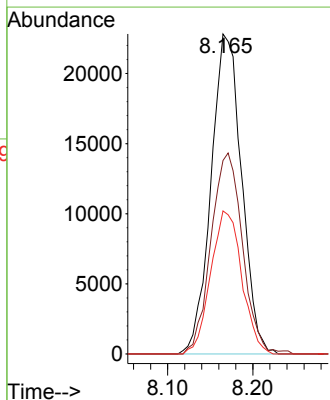
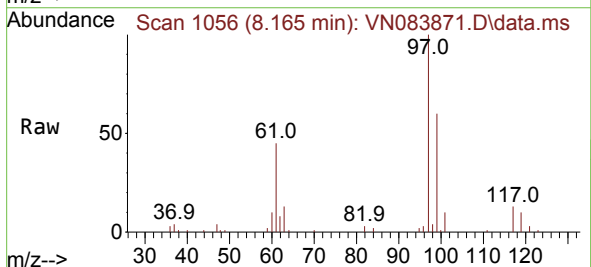
Manual Integrations
APPROVED

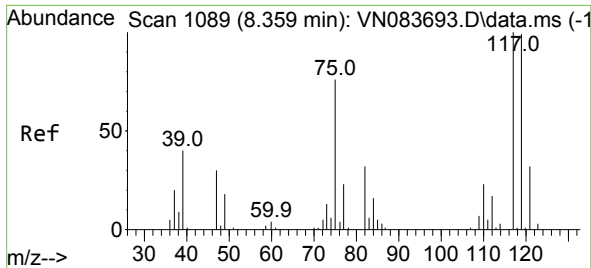
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#32
1,1,1-Trichloroethane
Concen: 19.342 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

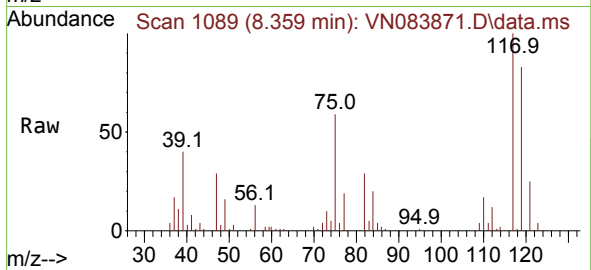
Tgt Ion: 97 Resp: 56784
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 45.5 33.8 50.8





#33
Carbon Tetrachloride
Concen: 19.263 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

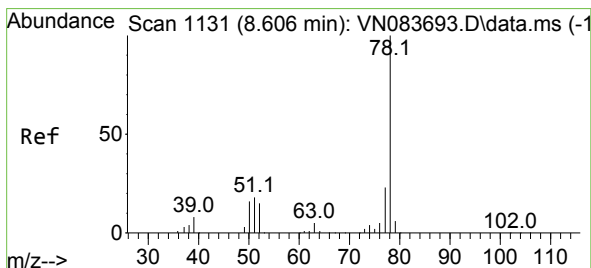
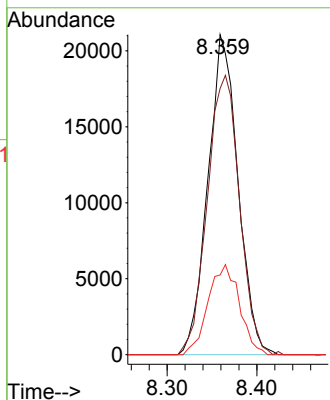
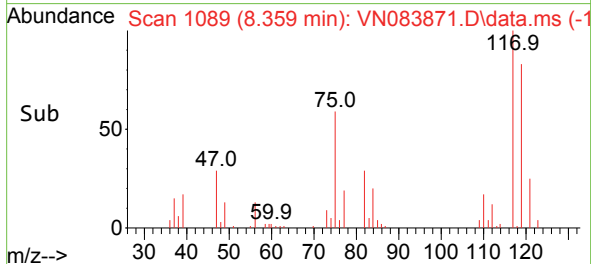
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



Tgt Ion: 117 Resp: 48975
Ion Ratio Lower Upper
117 100
119 83.2 77.7 116.5
121 24.9 27.0 40.6

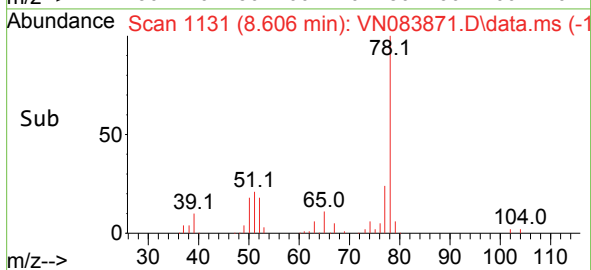
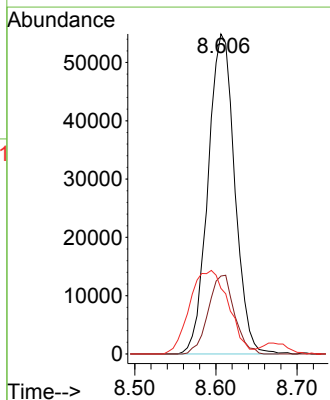
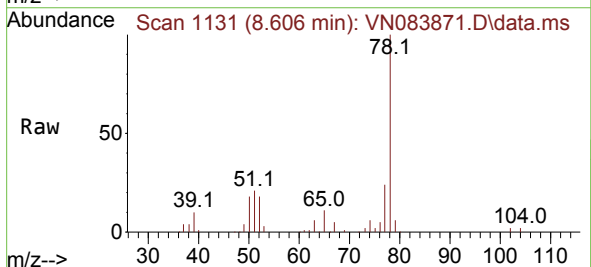
Manual Integrations
APPROVED

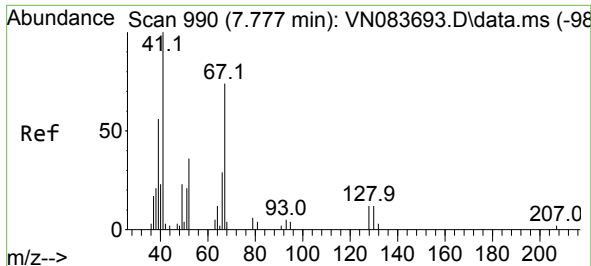
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#34
Benzene
Concen: 18.995 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

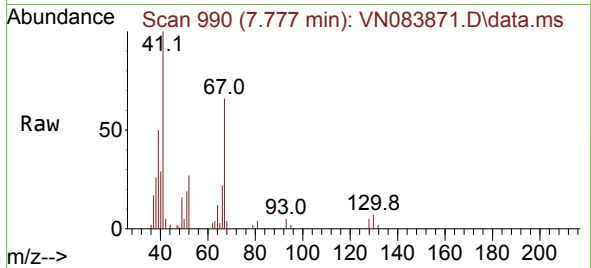
Tgt Ion: 78 Resp: 125288
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8
51 17.4 13.3 19.9





#35
Methacrylonitrile
Concen: 21.239 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

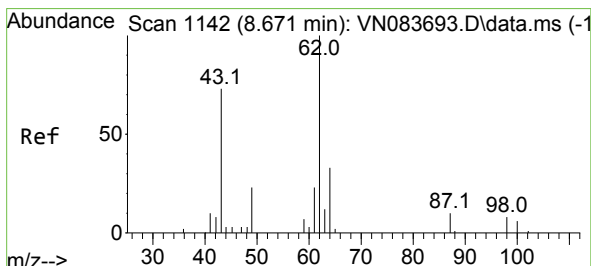
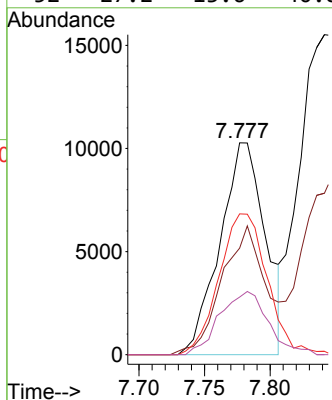
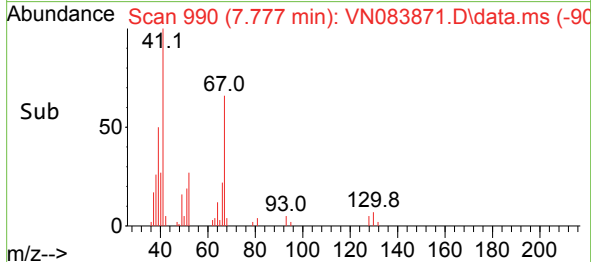
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



Tgt Ion: 41 Resp: 2474
Ion Ratio Lower Upper
41 100
39 48.7 25.3 75.9
67 66.4 38.7 116.1
52 27.2 13.6 40.8

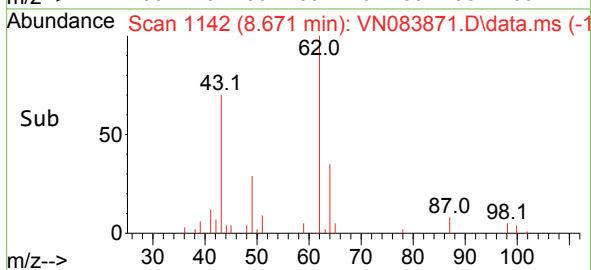
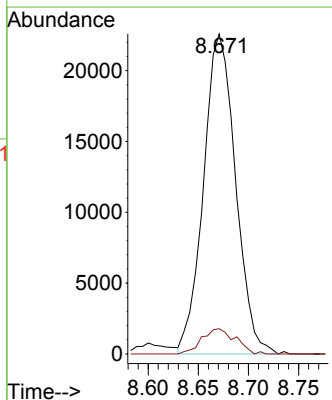
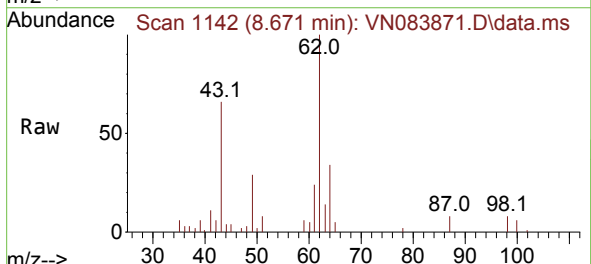
Manual Integrations
APPROVED

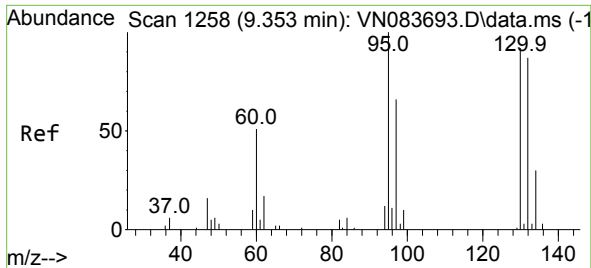
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#36
1,2-Dichloroethane
Concen: 20.240 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

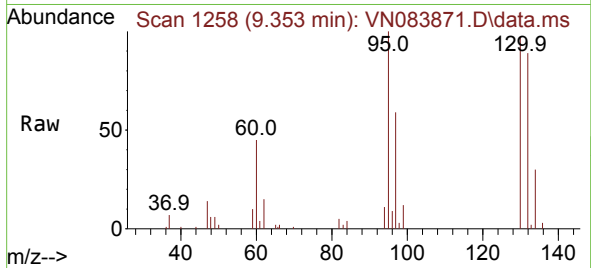
Tgt Ion: 62 Resp: 50189
Ion Ratio Lower Upper
62 100
98 8.2 8.2 12.4#





#37
Trichloroethene
Concen: 19.864 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

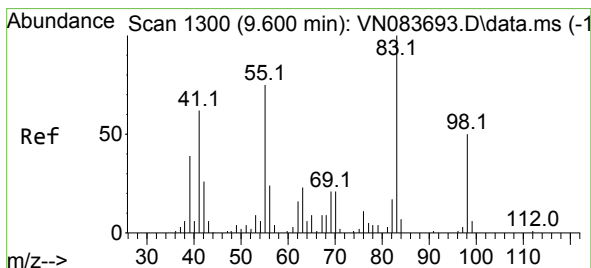
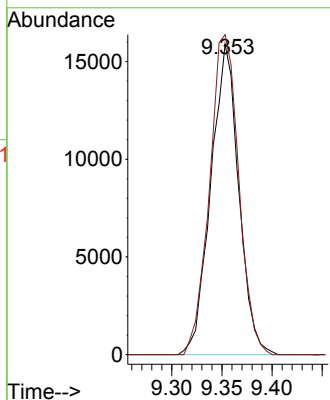
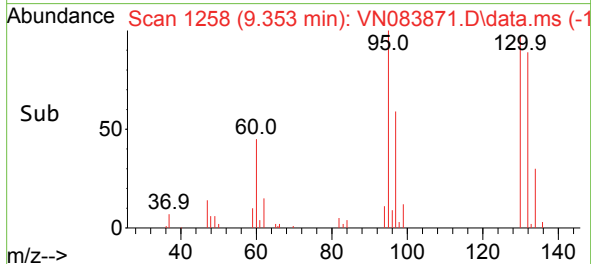
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



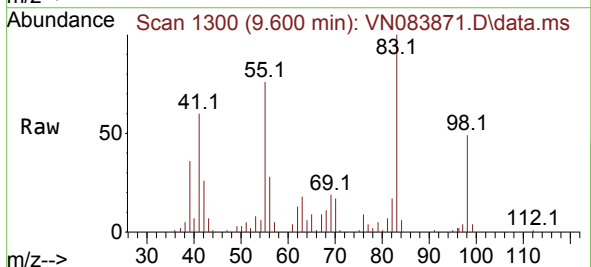
Tgt Ion:130 Resp: 3076
Ion Ratio Lower Upper
130 100
95 103.0 80.2 120.4

Manual Integrations
APPROVED

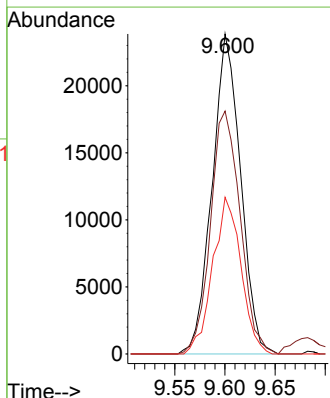
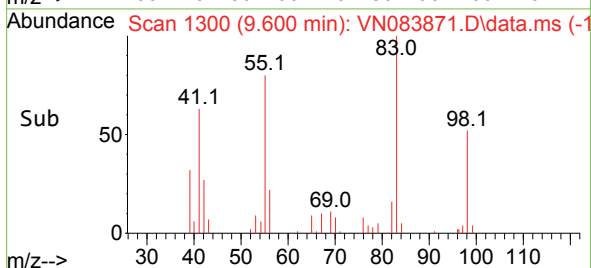
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

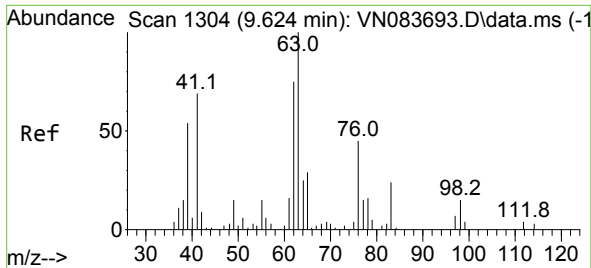


#38
Methylcyclohexane
Concen: 17.837 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34



Tgt Ion: 83 Resp: 46945
Ion Ratio Lower Upper
83 100
55 79.3 36.6 109.9
98 48.8 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.583 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083871.D

Acq: 13 Sep 2024 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBSD01

Tgt Ion: 63 Resp: 3108

Ion Ratio Lower Upper

63 100

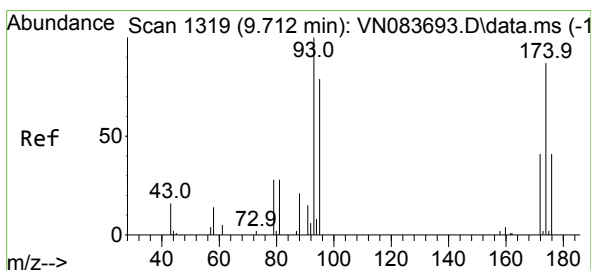
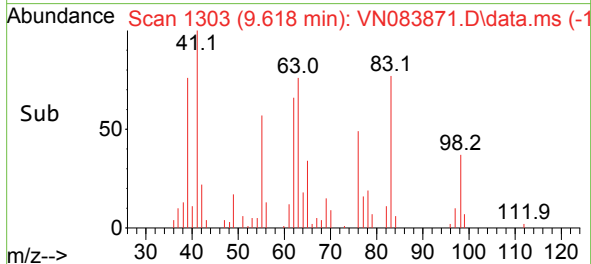
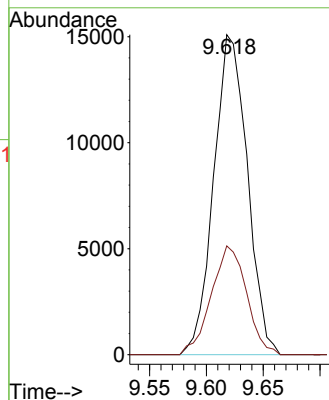
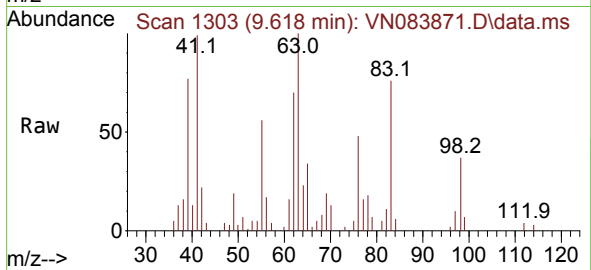
65 34.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2024

Supervised By :Semsettin Yesilyurt 09/16/2024



#40

Dibromomethane

Concen: 20.075 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN083871.D

Acq: 13 Sep 2024 15:34

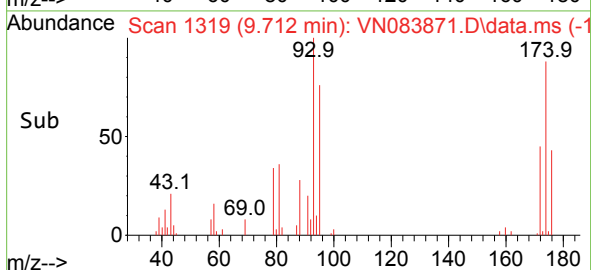
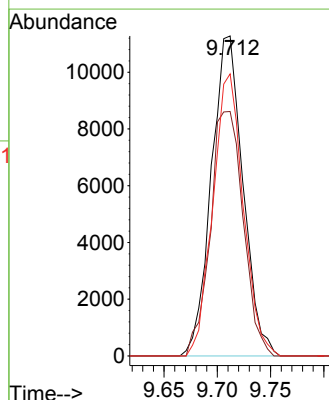
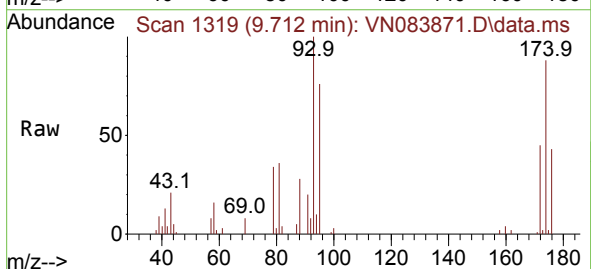
Tgt Ion: 93 Resp: 23302

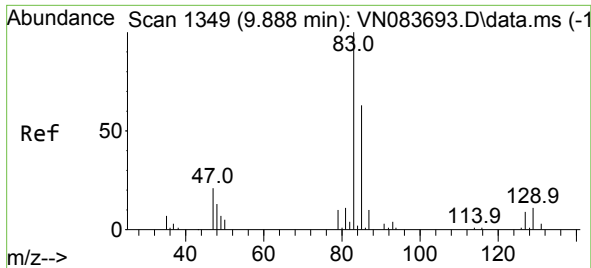
Ion Ratio Lower Upper

93 100

95 79.3 0.0 164.6

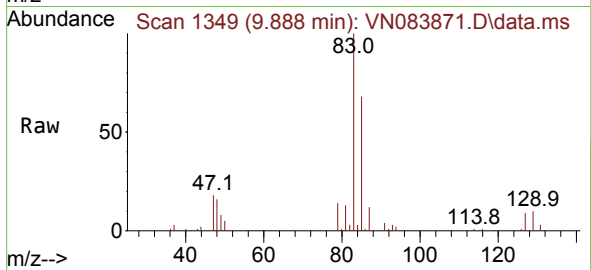
174 84.7 0.0 193.2





#41
Bromodichloromethane
Concen: 19.351 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

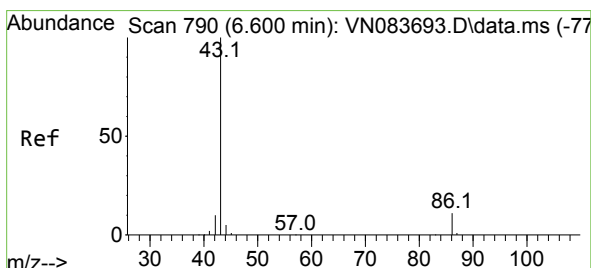
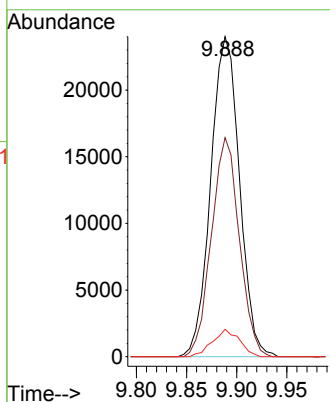
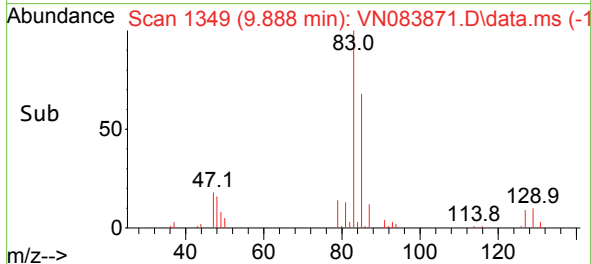
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



Tgt Ion: 83 Resp: 4776
Ion Ratio Lower Upper
83 100
85 68.4 49.4 74.2
127 8.6 7.3 10.9

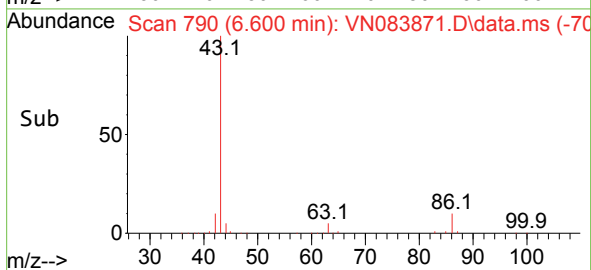
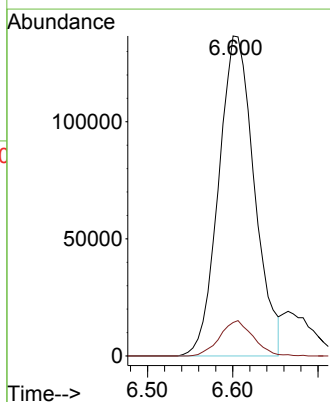
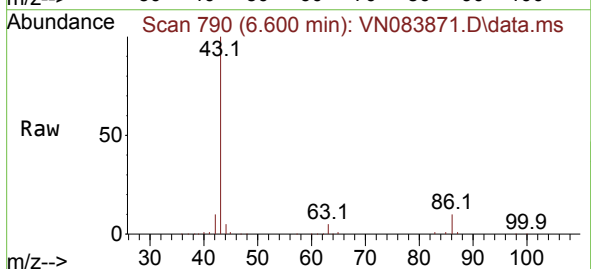
Manual Integrations
APPROVED

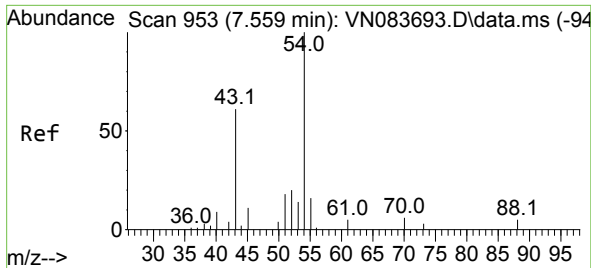
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#42
Vinyl Acetate
Concen: 93.553 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

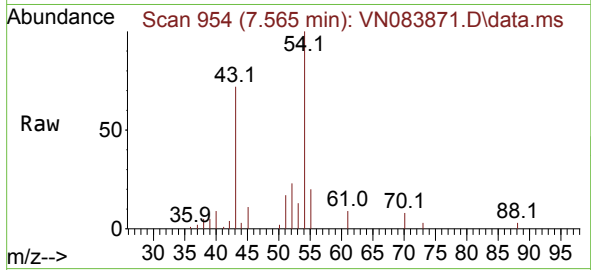
Tgt Ion: 43 Resp: 398593
Ion Ratio Lower Upper
43 100
86 10.2 9.4 14.2





#43
Ethyl Acetate
Concen: 21.173 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

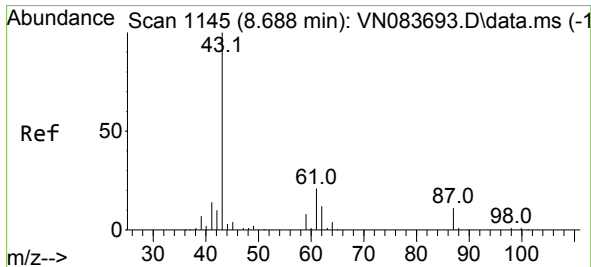
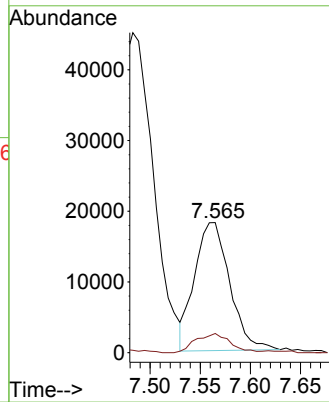
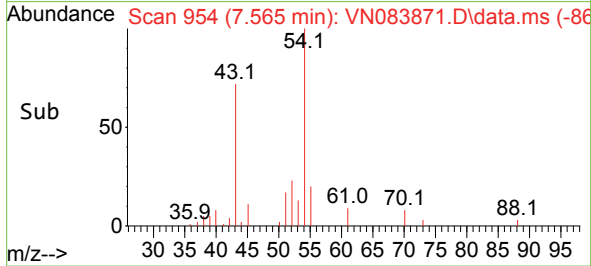
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



Tgt Ion: 43 Resp: 44162
Ion Ratio Lower Upper
43 100
45 14.7 10.6 15.8

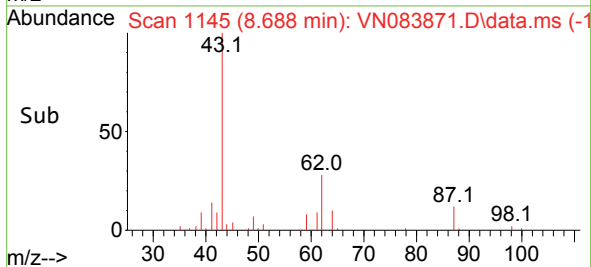
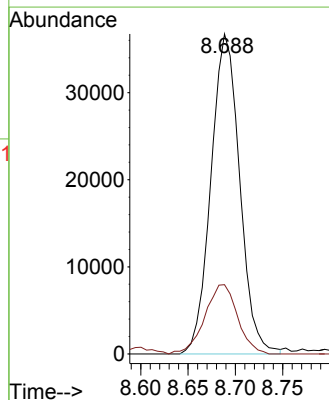
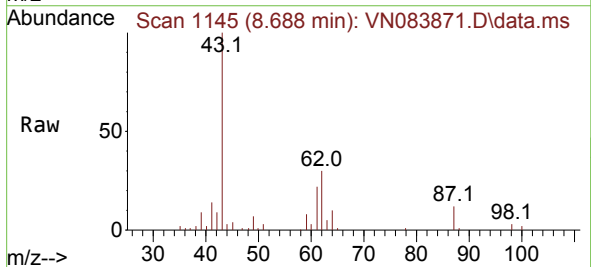
Manual Integrations
APPROVED

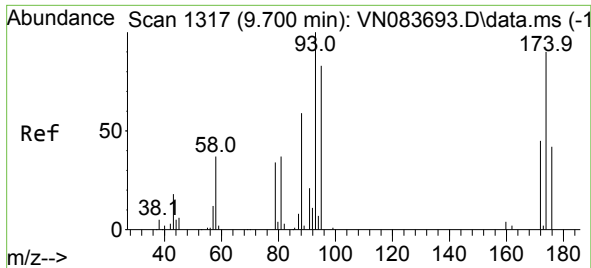
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#44
Isopropyl Acetate
Concen: 21.528 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

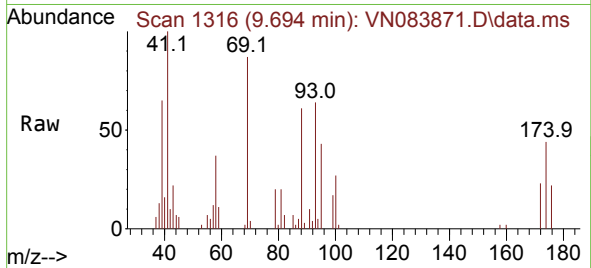
Tgt Ion: 43 Resp: 77663
Ion Ratio Lower Upper
43 100
61 24.6 25.0 37.4#





#45
1,4-Dioxane
Concen: 467.592 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

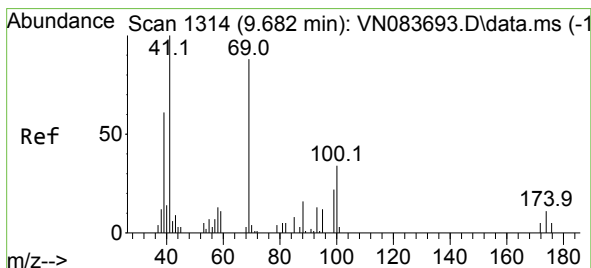
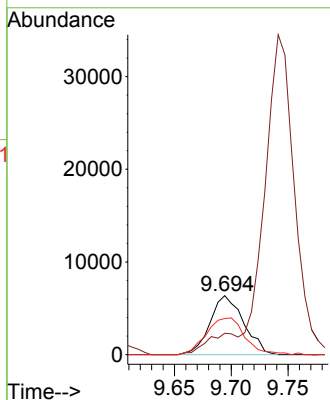
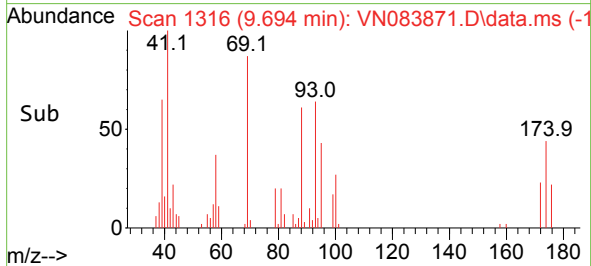
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



Tgt Ion: 88 Resp: 1315
Ion Ratio Lower Upper
88 100
43 33.8 19.8 29.6
58 70.9 55.4 83.0

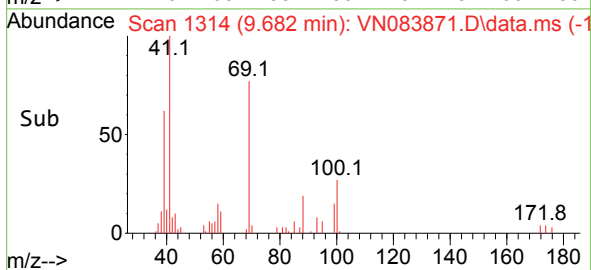
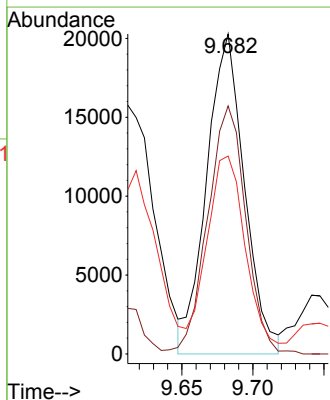
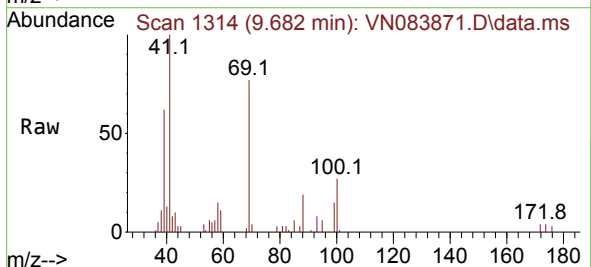
Manual Integrations
APPROVED

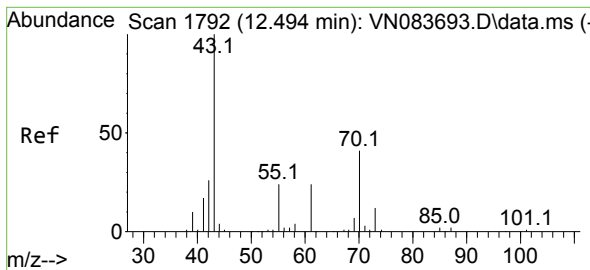
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#46
Methyl methacrylate
Concen: 21.485 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

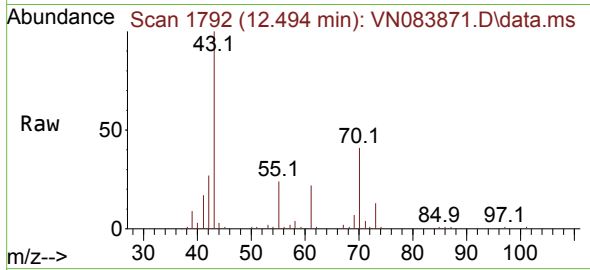
Tgt Ion: 41 Resp: 37516
Ion Ratio Lower Upper
41 100
69 81.4 51.1 153.3
39 62.2 25.8 77.3





#47
n-amyl acetate
Concen: 21.142 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

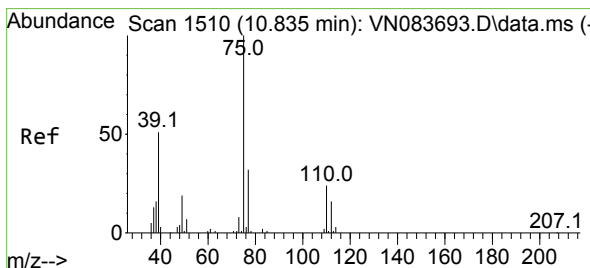
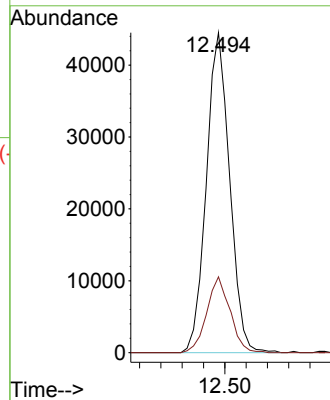
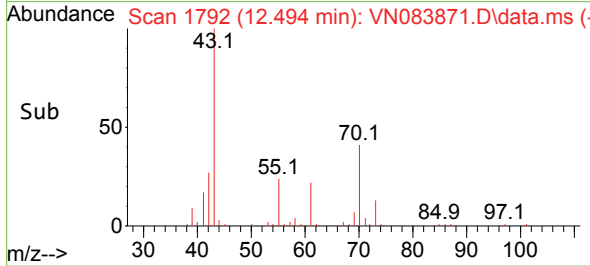
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



Tgt Ion: 43 Resp: 6756
Ion Ratio Lower Upper
43 100
55 23.7 23.4 35.2

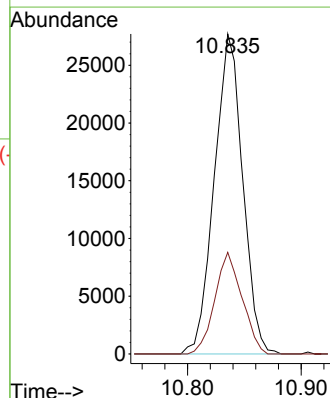
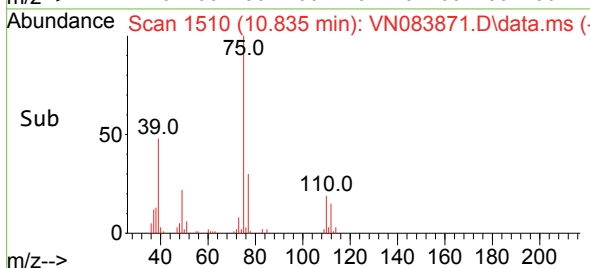
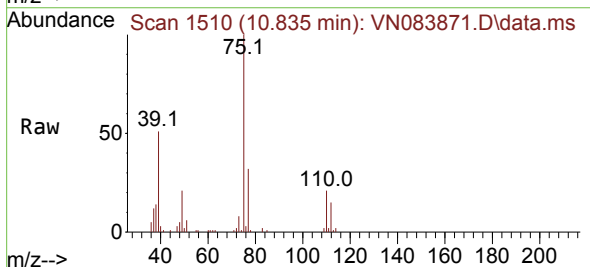
Manual Integrations
APPROVED

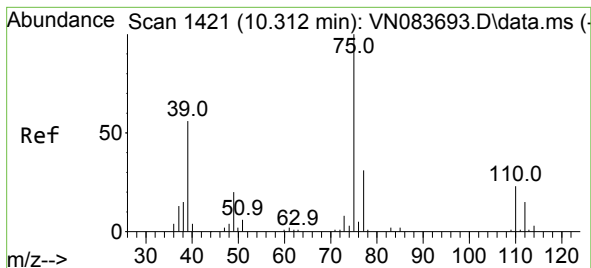
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#48
t-1,3-Dichloropropene
Concen: 18.502 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

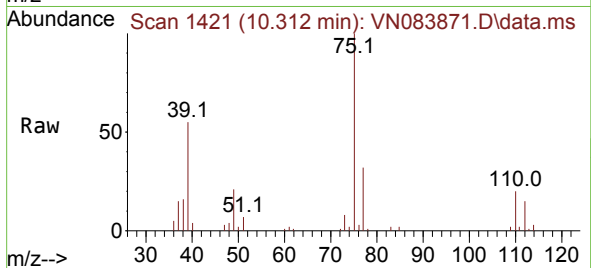
Tgt Ion: 75 Resp: 48036
Ion Ratio Lower Upper
75 100
77 31.8 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 18.720 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083871.D
 Acq: 13 Sep 2024 15:34

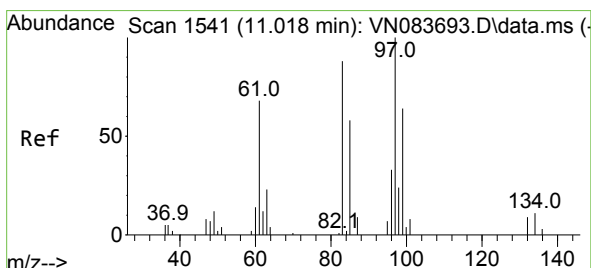
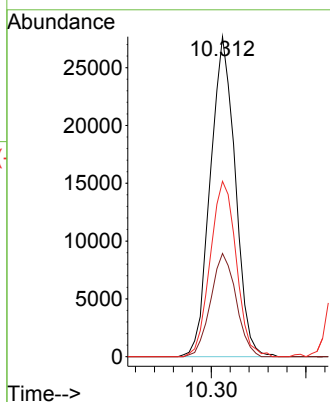
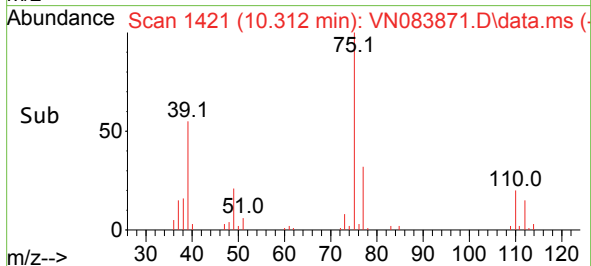
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBSD01



Tgt Ion: 75 Resp: 5054
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.9 37.3
 39 54.8 31.0 46.6

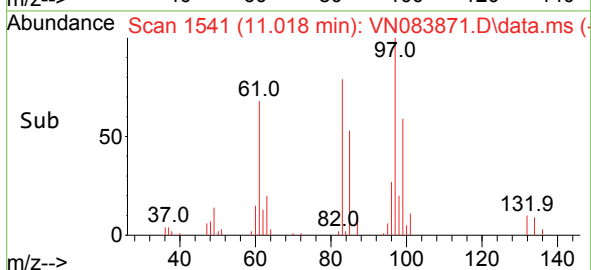
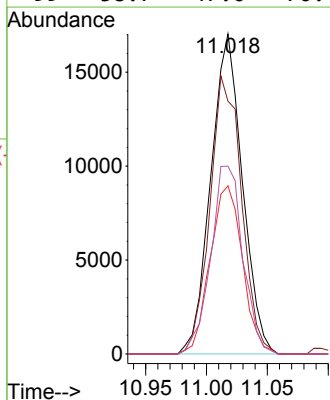
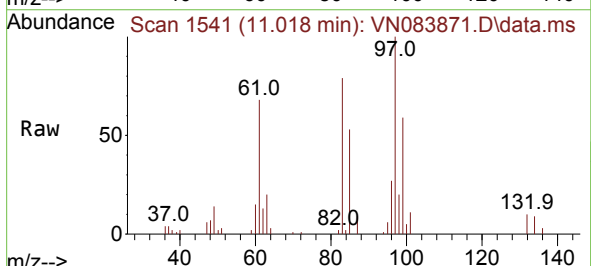
Manual Integrations
 APPROVED

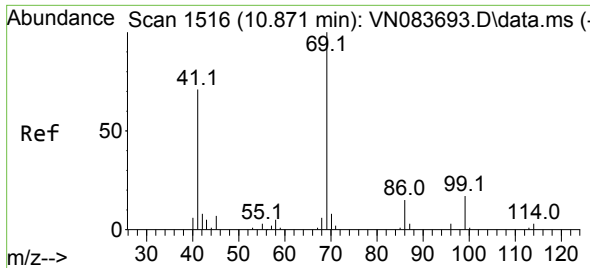
Reviewed By :John Carlone 09/14/2024
 Supervised By :Semsettin Yesilyurt 09/16/2024



#50
 1,1,2-Trichloroethane
 Concen: 20.839 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN083871.D
 Acq: 13 Sep 2024 15:34

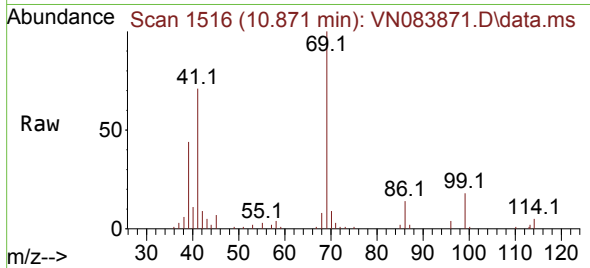
Tgt Ion: 97 Resp: 30779
 Ion Ratio Lower Upper
 97 100
 83 79.0 68.1 102.1
 85 52.6 41.8 62.6
 99 58.7 47.0 70.4





#51
Ethyl methacrylate
Concen: 19.343 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

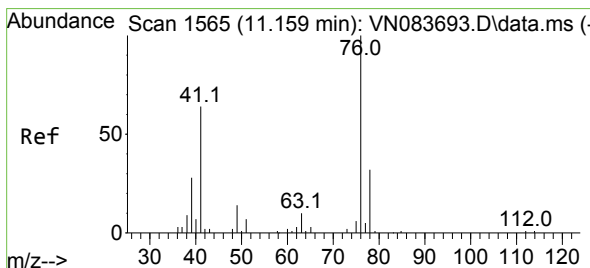
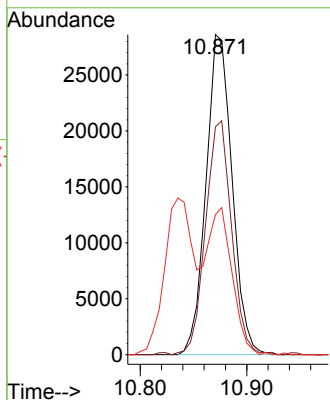
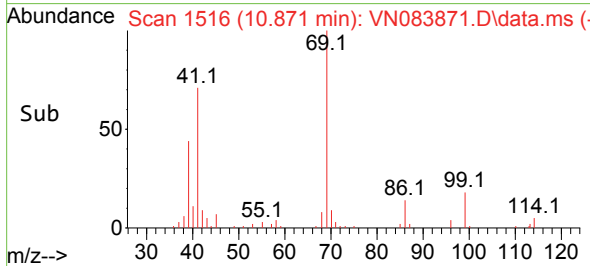
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



Tgt Ion: 69 Resp: 4881
Ion Ratio Lower Upper
69 100
41 71.2 25.5 76.5
39 43.8 16.0 47.9

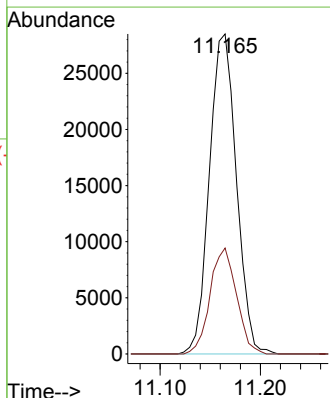
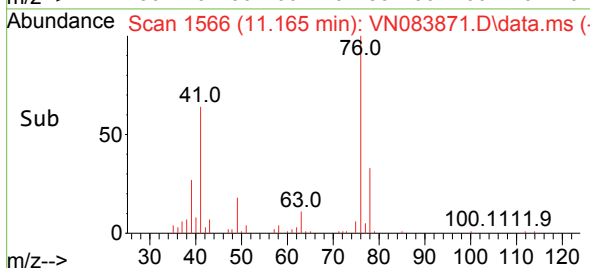
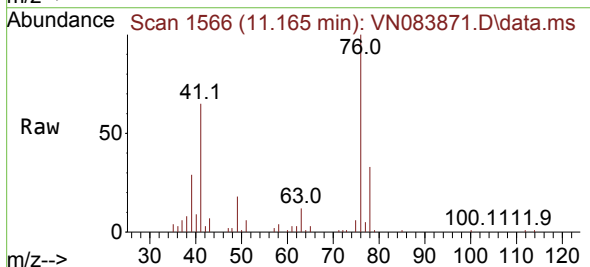
Manual Integrations
APPROVED

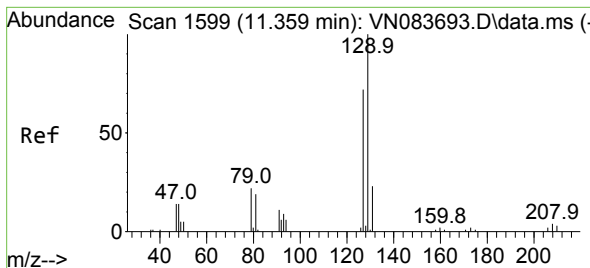
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#52
1,3-Dichloropropane
Concen: 20.007 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

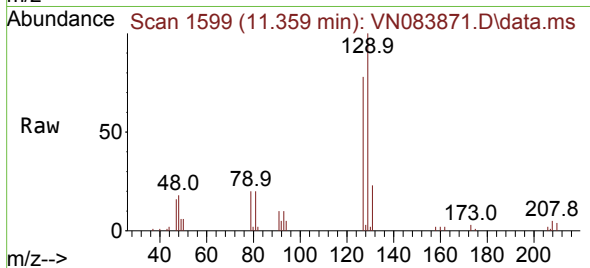
Tgt Ion: 76 Resp: 53364
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.8





#53
Dibromochloromethane
Concen: 19.820 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

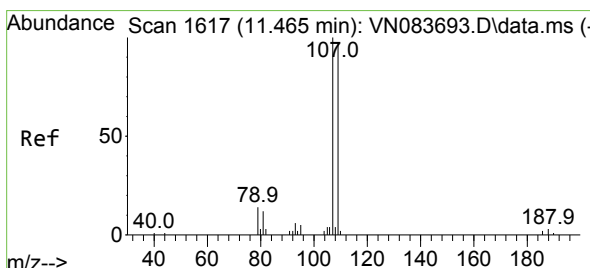
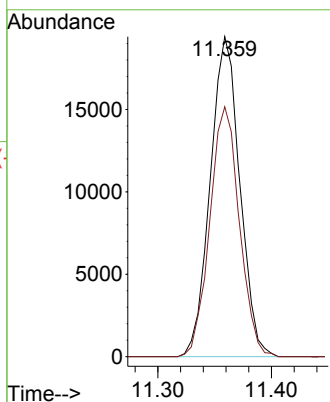
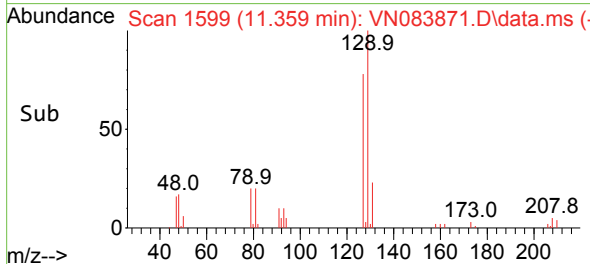
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



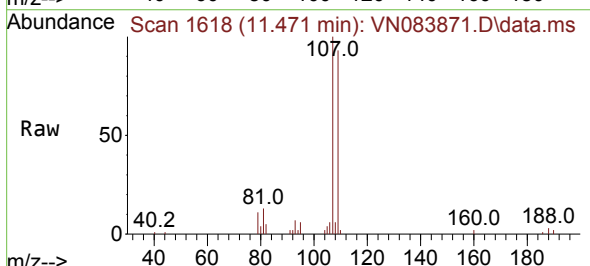
Tgt Ion:129 Resp: 3511
Ion Ratio Lower Upper
129 100
127 78.0 39.4 118.1

Manual Integrations
APPROVED

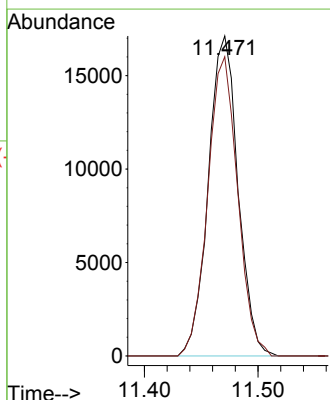
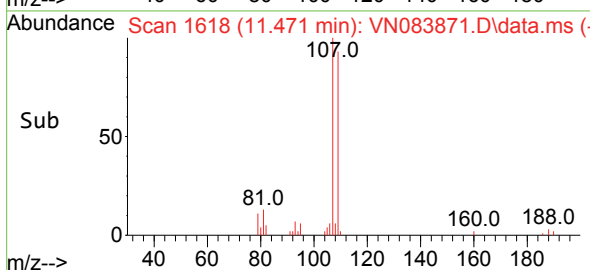
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

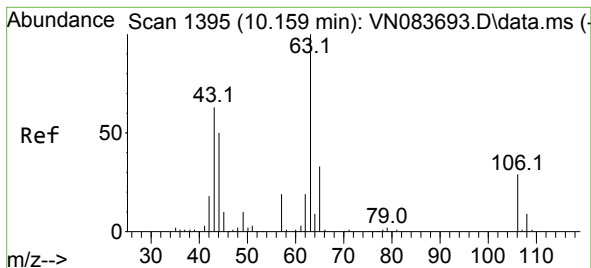


#54
1,2-Dibromoethane
Concen: 20.369 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34



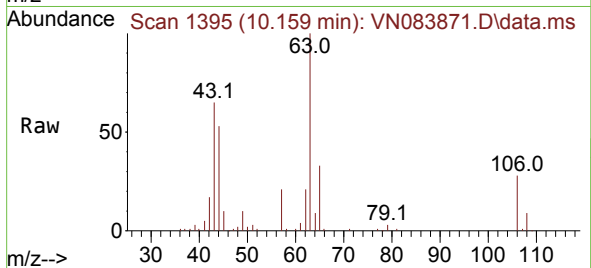
Tgt Ion:107 Resp: 31124
Ion Ratio Lower Upper
107 100
109 94.0 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 102.450 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

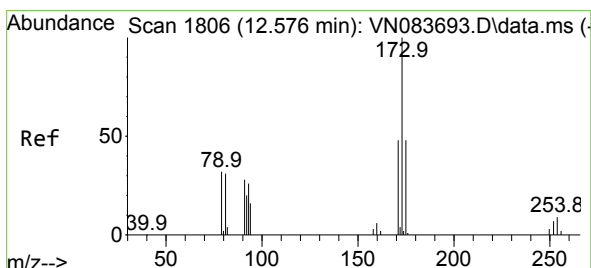
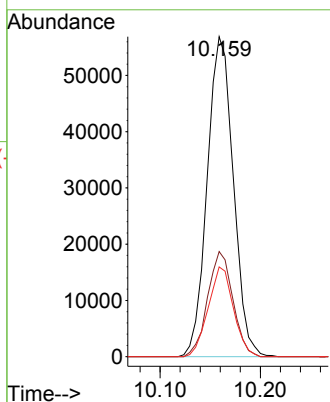
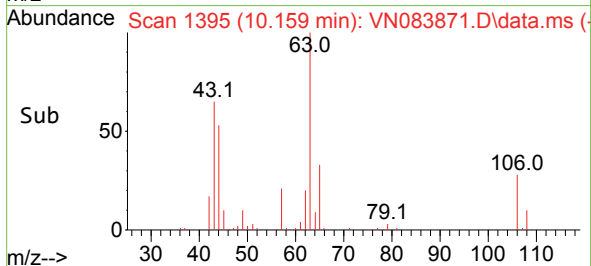
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



Tgt Ion: 63 Resp: 103028
Ion Ratio Lower Upper
63 100
65 31.7 26.2 39.2
106 27.1 23.8 35.8

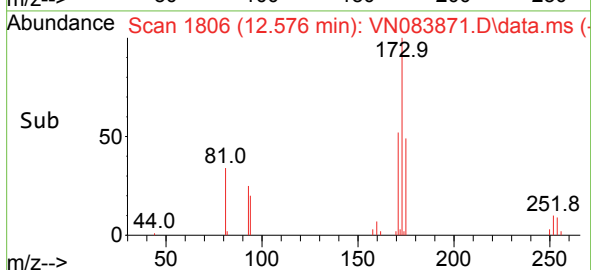
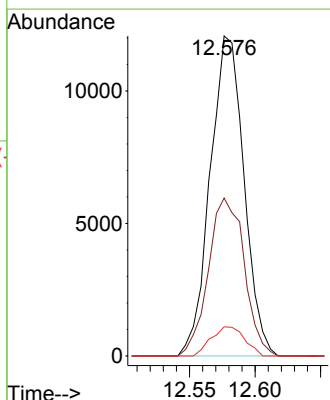
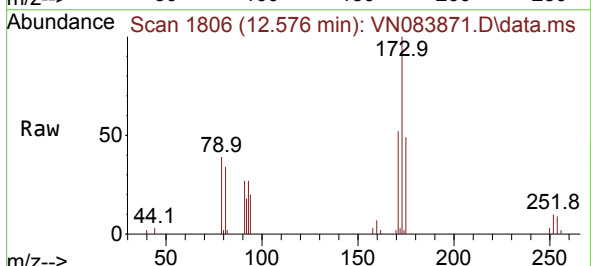
Manual Integrations
APPROVED

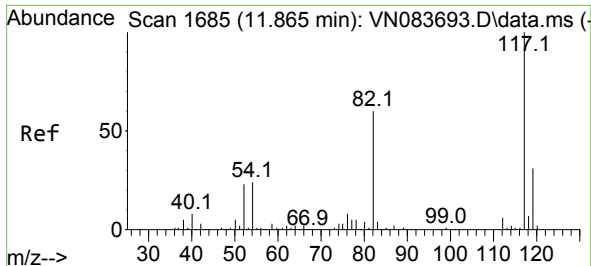
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#56
Bromoform
Concen: 19.251 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Tgt Ion:173 Resp: 21667
Ion Ratio Lower Upper
173 100
175 52.2 40.0 60.0
254 9.0 8.3 12.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083871.D

Acq: 13 Sep 2024 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBSD01

Tgt Ion:117 Resp: 126954

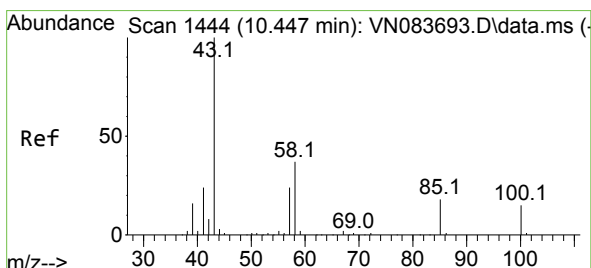
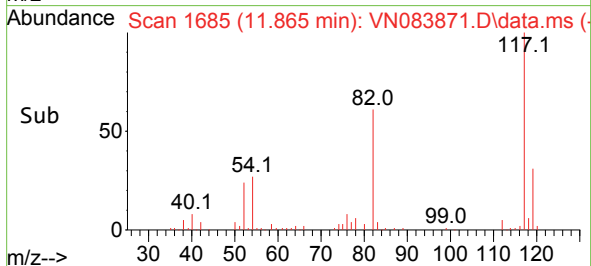
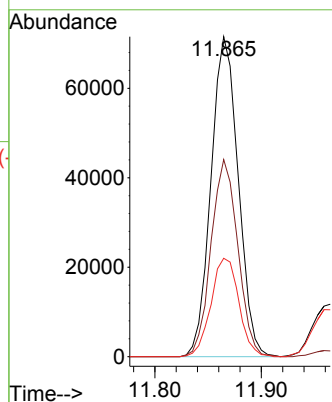
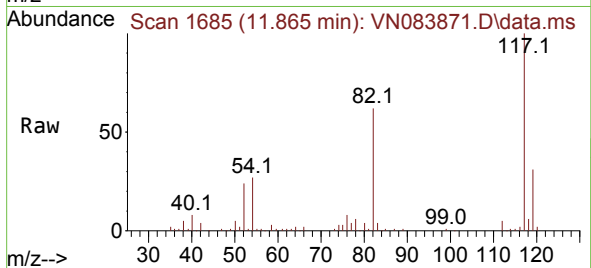
Ion	Ratio	Lower	Upper
117	100		
82	60.6	46.6	69.8
119	31.6	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2024

Supervised By :Semsettin Yesilyurt 09/16/2024



#58

4-Methyl-2-Pentanone

Concen: 112.686 ug/l

RT: 10.447 min Scan# 1444

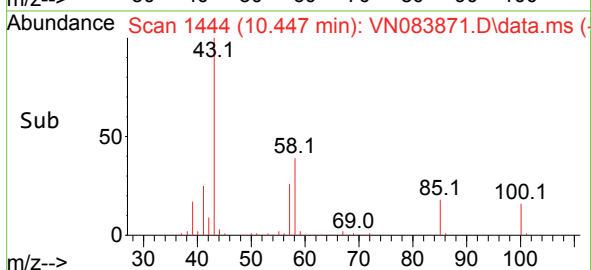
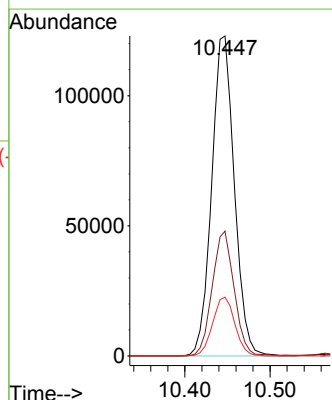
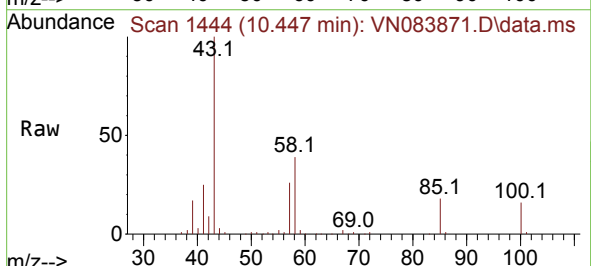
Delta R.T. 0.000 min

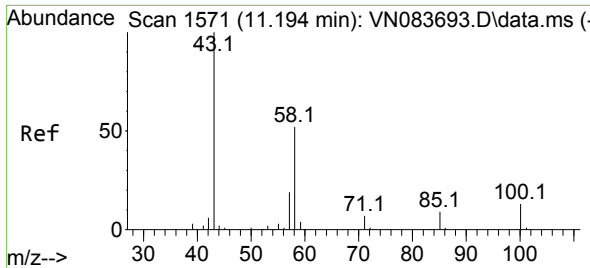
Lab File: VN083871.D

Acq: 13 Sep 2024 15:34

Tgt Ion: 43 Resp: 226838

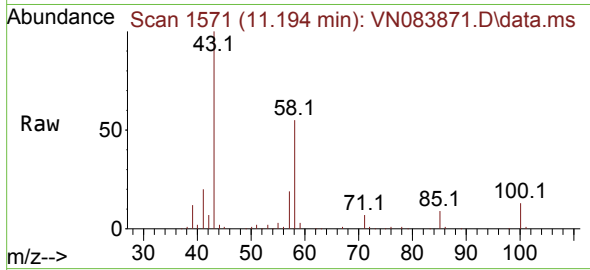
Ion	Ratio	Lower	Upper
43	100		
58	37.6	36.5	54.7
85	18.0	19.5	29.3





#59
2-Hexanone
Concen: 112.336 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

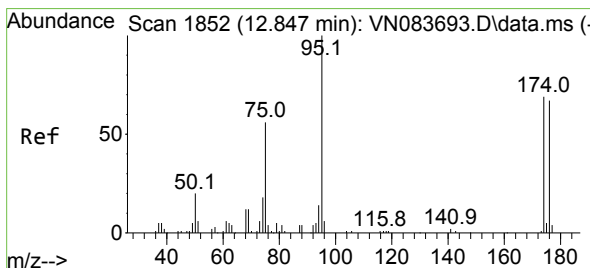
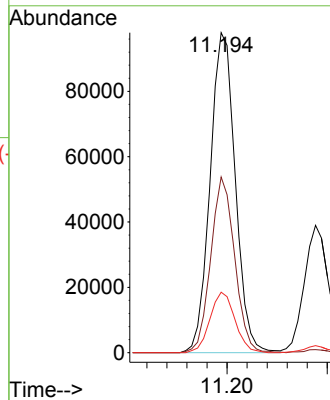
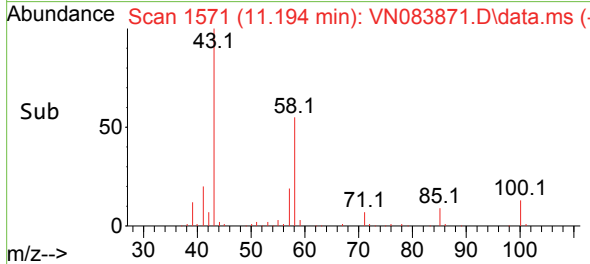
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



Tgt Ion: 43 Resp: 170870
Ion Ratio Lower Upper
43 100
58 52.1 50.4 75.6
57 18.8 18.6 27.8

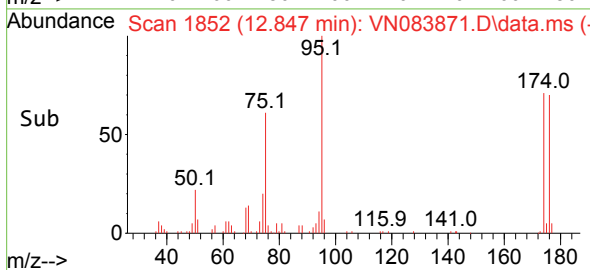
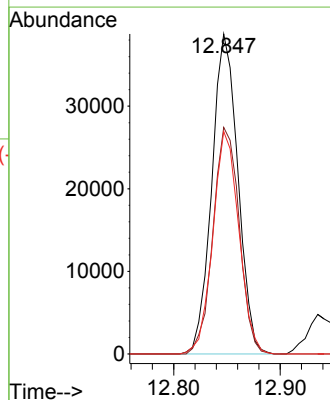
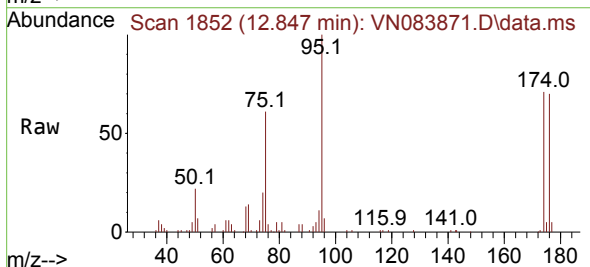
Manual Integrations
APPROVED

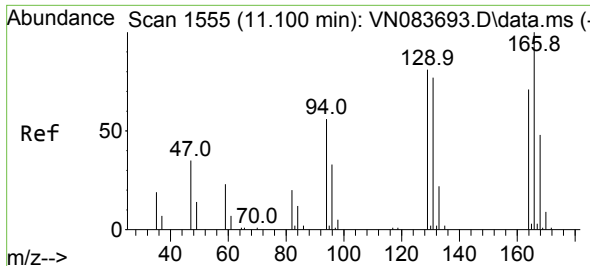
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#60
4-Bromofluorobenzene
Concen: 30.084 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

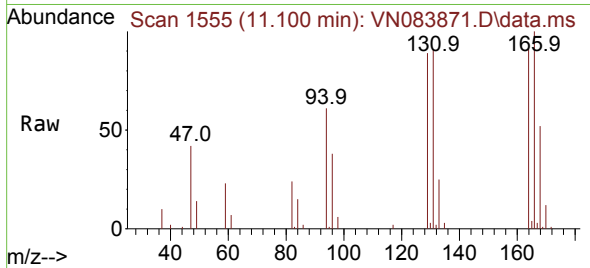
Tgt Ion: 95 Resp: 65824
Ion Ratio Lower Upper
95 100
174 71.0 60.5 90.7
176 69.4 57.8 86.6





#61
Tetrachloroethene
Concen: 19.399 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

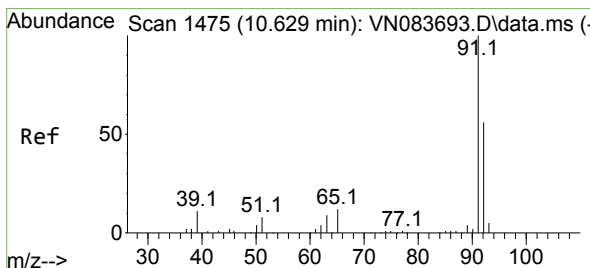
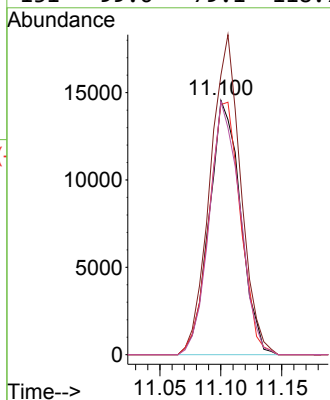
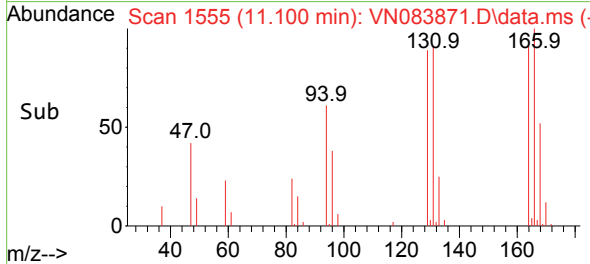
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



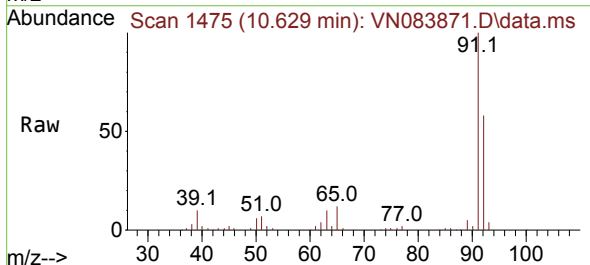
Tgt Ion:164 Resp: 26064
Ion Ratio Lower Upper
164 100
166 109.9 106.7 160.1
129 98.3 85.8 128.6
131 99.6 79.1 118.7

Manual Integrations
APPROVED

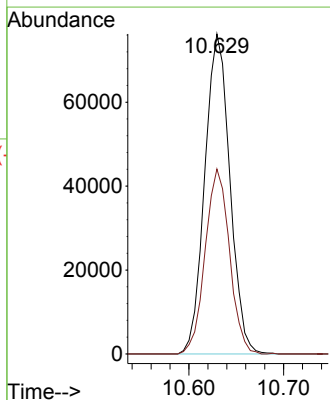
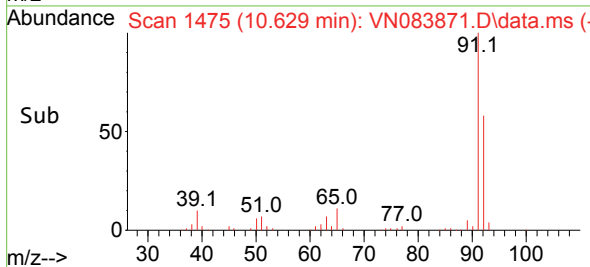
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

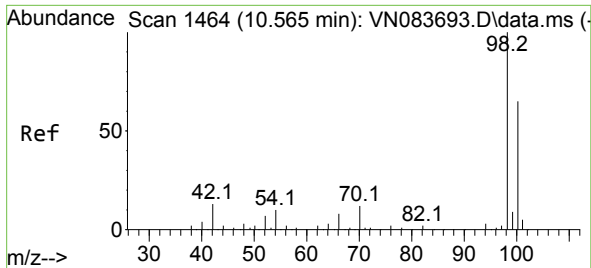


#62
Toluene
Concen: 19.241 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34



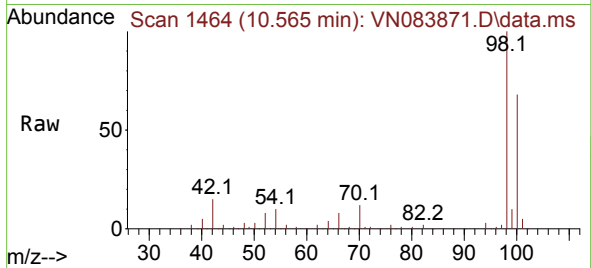
Tgt Ion: 91 Resp: 140402
Ion Ratio Lower Upper
91 100
92 56.0 46.5 69.7





#63
Toluene-d8
Concen: 30.219 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

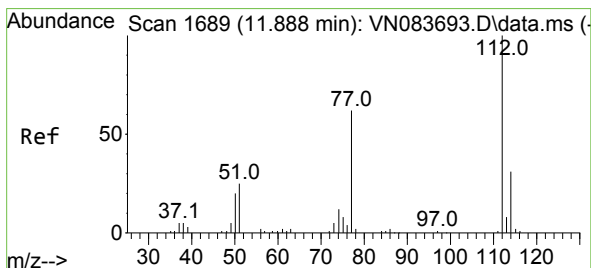
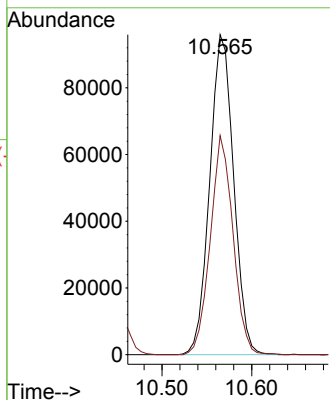
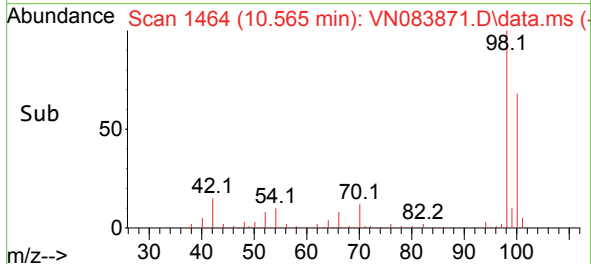
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



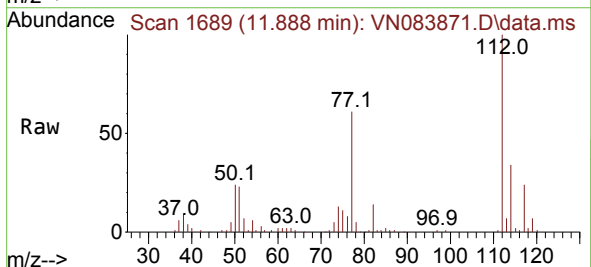
Tgt Ion: 98 Resp: 177639
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1

Manual Integrations
APPROVED

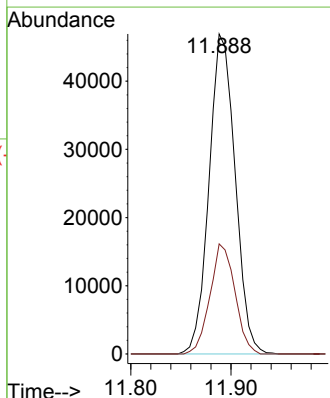
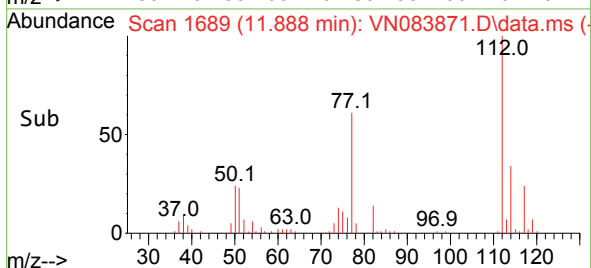
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

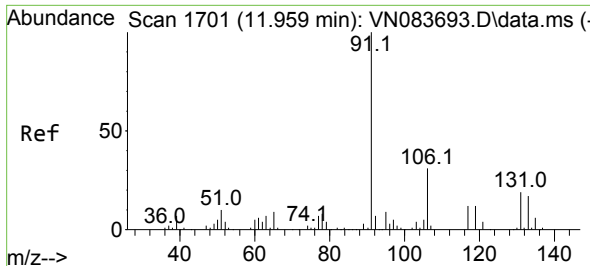


#64
Chlorobenzene
Concen: 18.755 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34



Tgt Ion:112 Resp: 84732
Ion Ratio Lower Upper
112 100
114 34.4 26.6 39.8





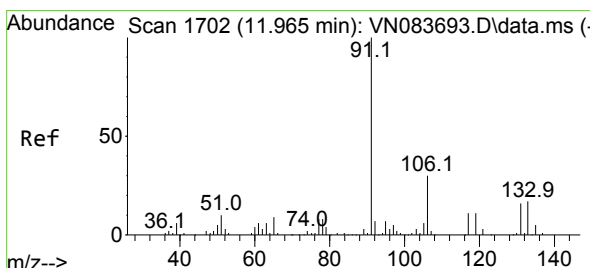
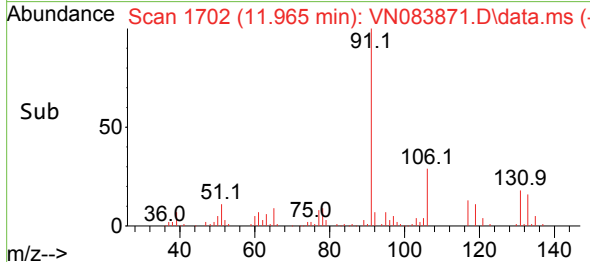
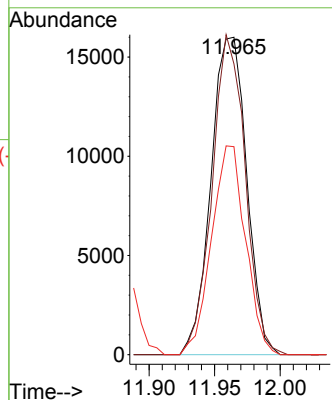
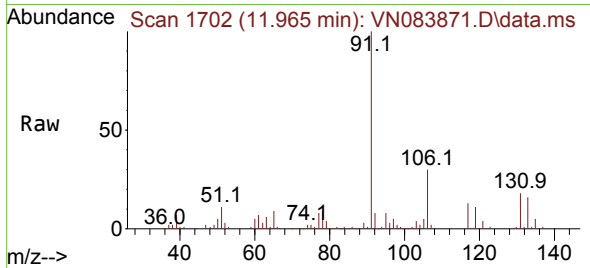
#65
1,1,1,2-Tetrachloroethane
Concen: 19.261 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion:131 Resp: 30314
Ion Ratio Lower Upper
131 100
133 93.5 0.0 188.0
119 62.7 0.0 122.8

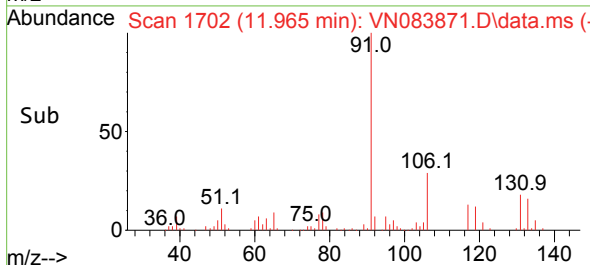
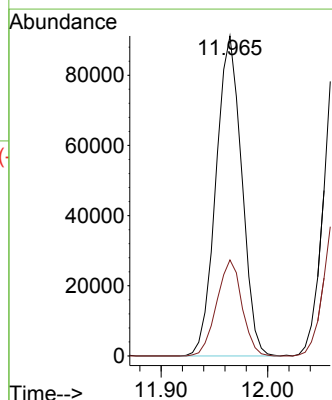
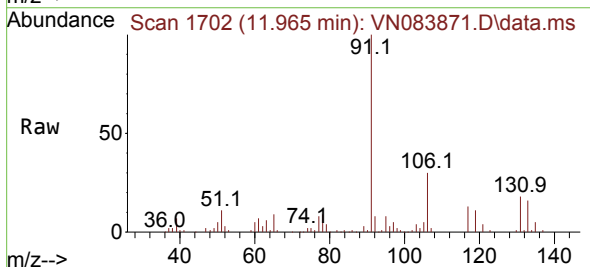
Manual Integrations
APPROVED

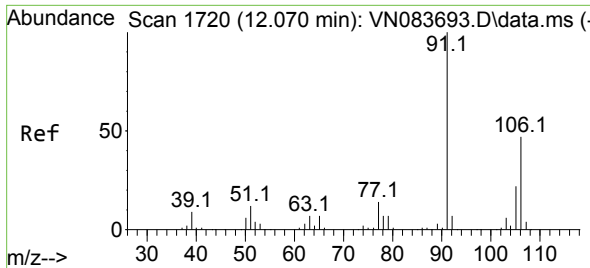
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#66
Ethyl Benzene
Concen: 18.450 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Tgt Ion: 91 Resp: 153103
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6





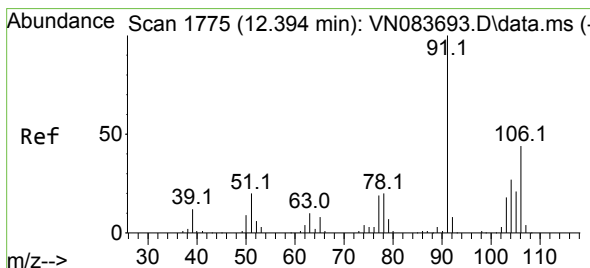
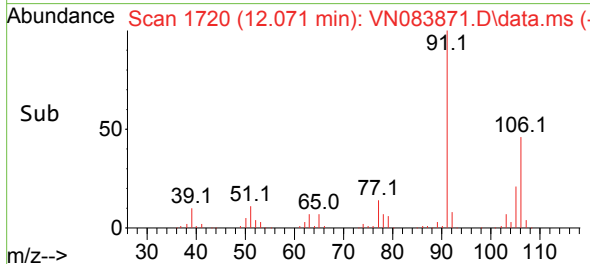
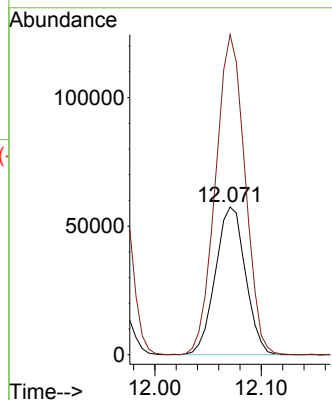
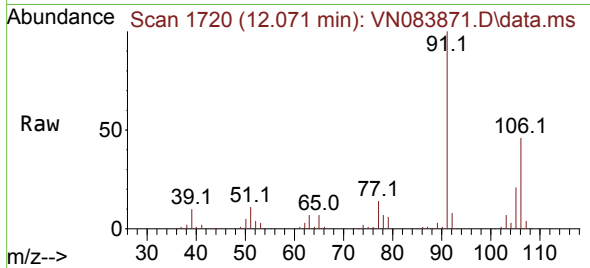
#67
m/p-Xylenes
Concen: 36.923 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion:106 Resp: 112720
Ion Ratio Lower Upper
106 100
91 212.5 166.6 249.8

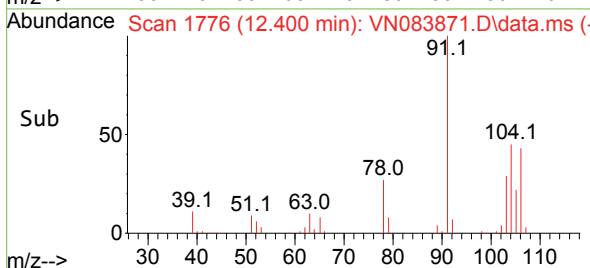
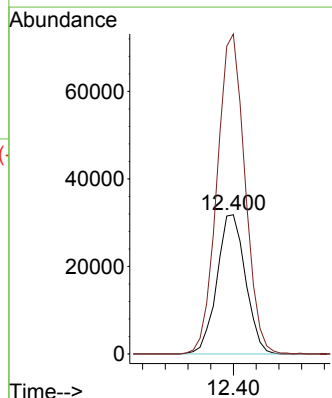
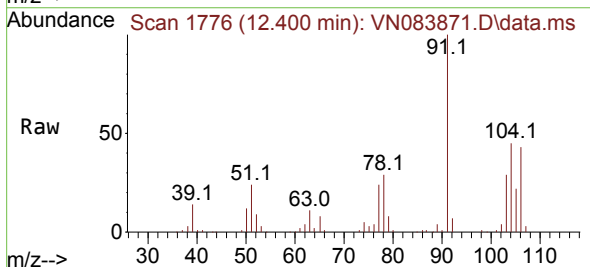
Manual Integrations
APPROVED

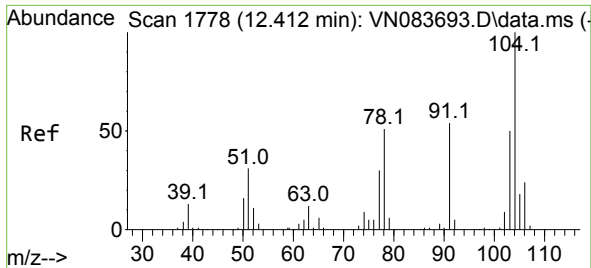
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#68
o-Xylene
Concen: 18.790 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Tgt Ion:106 Resp: 55519
Ion Ratio Lower Upper
106 100
91 224.8 110.0 330.0





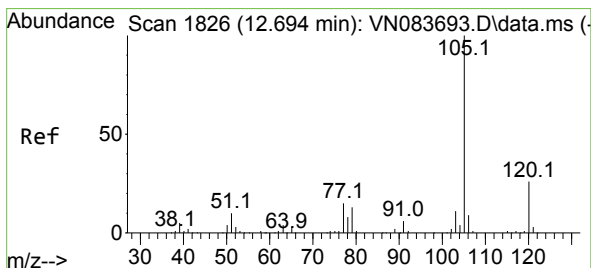
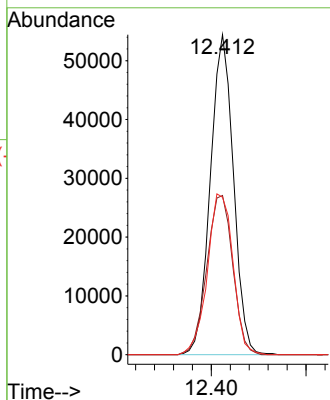
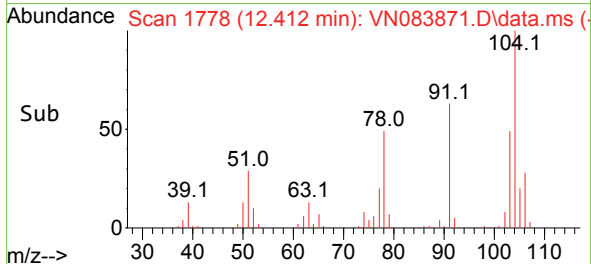
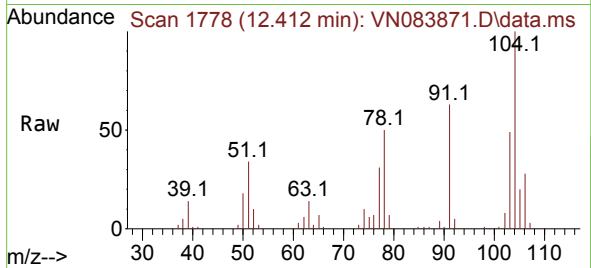
#69
Styrene
Concen: 18.477 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion:104 Resp: 92249
Ion Ratio Lower Upper
104 100
78 56.0 42.6 64.0
103 55.5 43.7 65.5

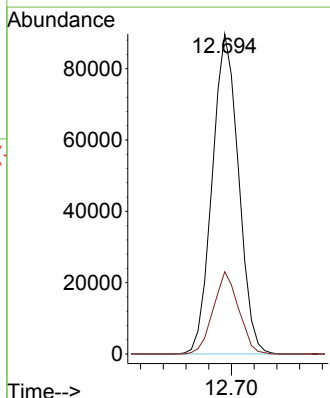
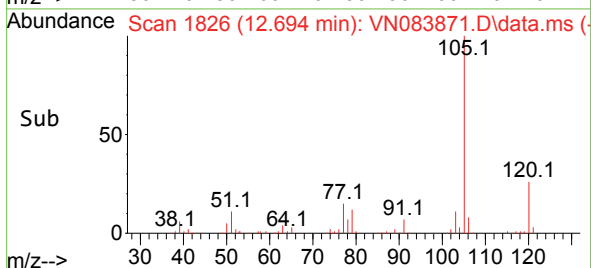
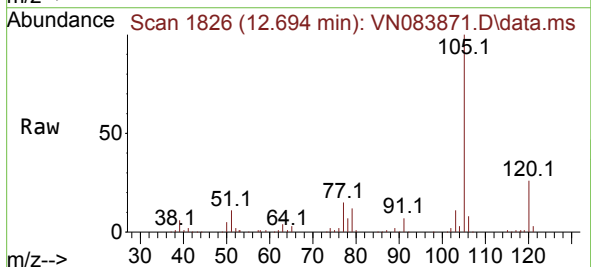
Manual Integrations
APPROVED

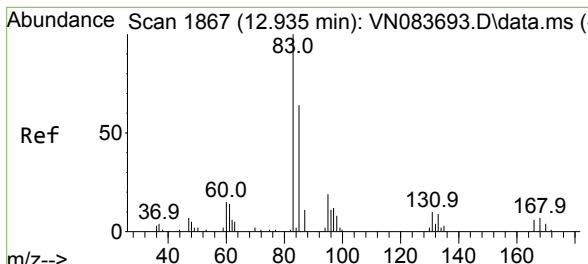
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#70
Isopropylbenzene
Concen: 18.509 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Tgt Ion:105 Resp: 144324
Ion Ratio Lower Upper
105 100
120 24.7 17.8 33.1





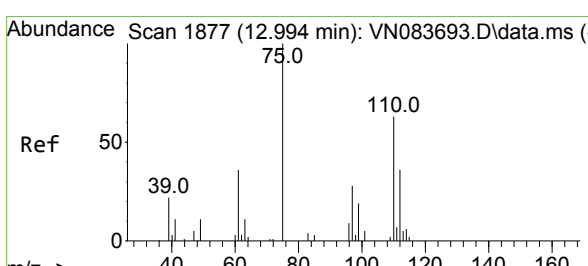
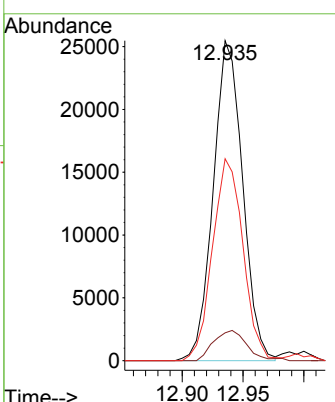
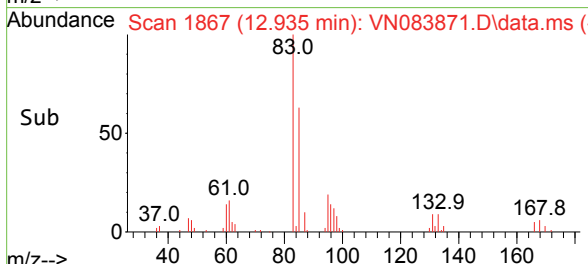
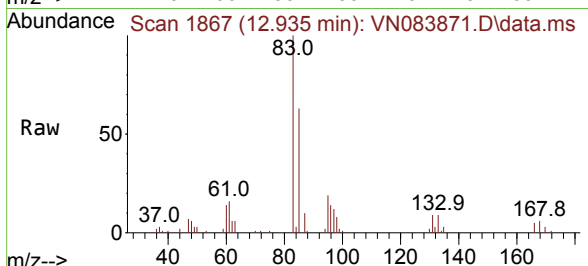
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.121 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN083871.D
 Acq: 13 Sep 2024 15:34

Instrument : MSVOA_N
 ClientSampleId : VN0913WBSD01

Tgt Ion:	83	Resp:	4285
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	65.4	32.3	96.8

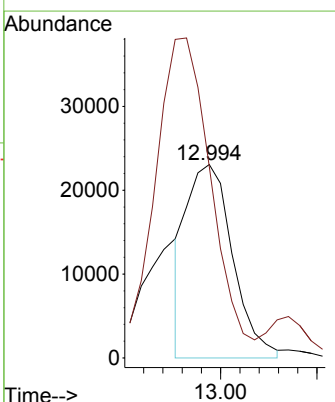
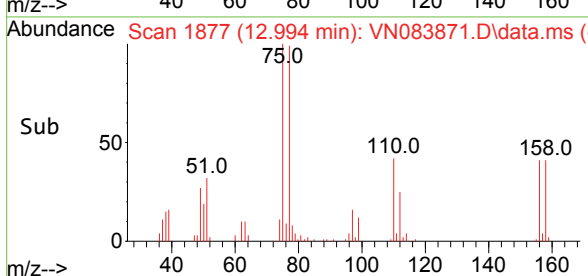
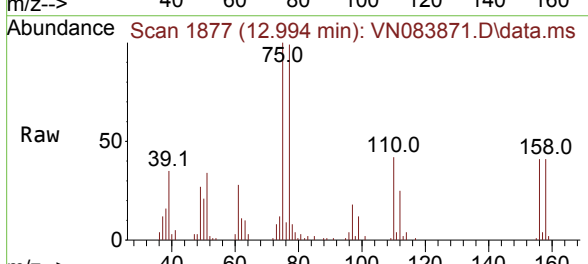
Manual Integrations
 APPROVED

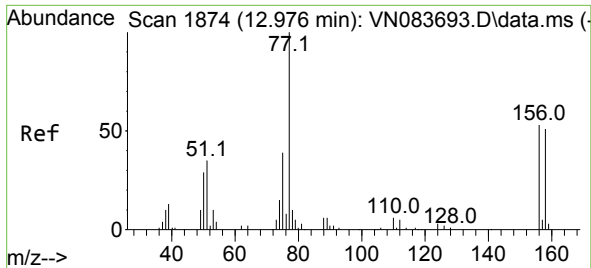
Reviewed By :John Carlone 09/14/2024
 Supervised By :Semsettin Yesilyurt 09/16/2024



#72
 1,2,3-Trichloropropane
 Concen: 20.485 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN083871.D
 Acq: 13 Sep 2024 15:34

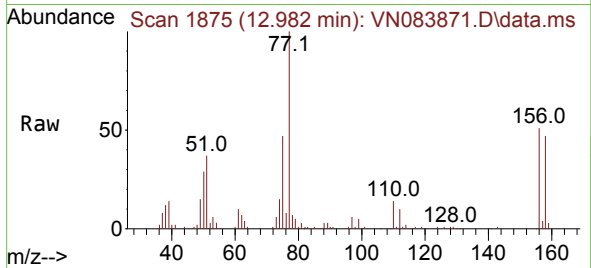
Tgt Ion:	75	Resp:	38250
Ion Ratio	Lower	Upper	
75	100		
77	202.4	0.0	367.6





#73
Bromobenzene
Concen: 18.812 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

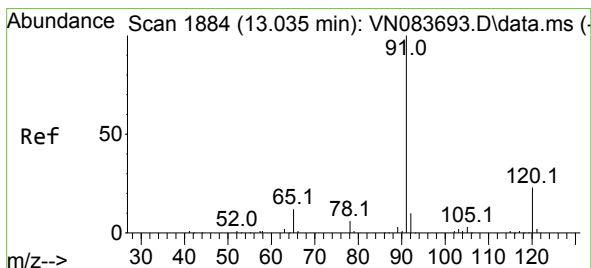
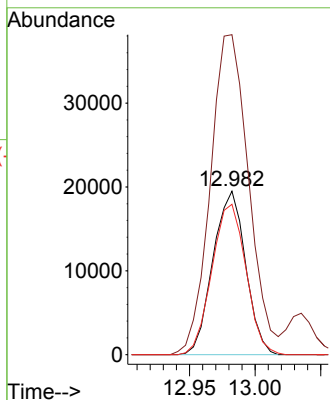
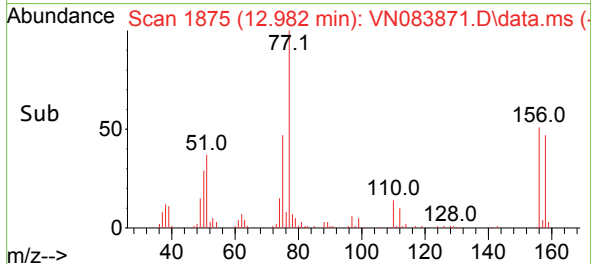
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



Tgt Ion:156 Resp: 3369
Ion Ratio Lower Upper
156 100
77 229.8 0.0 437.6
158 96.2 0.0 203.8

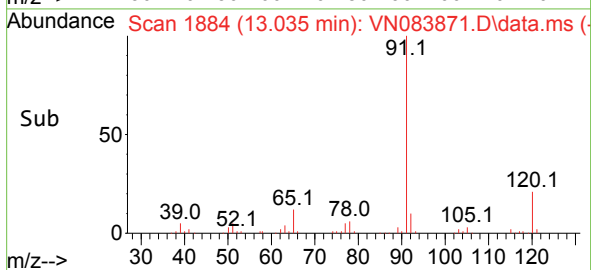
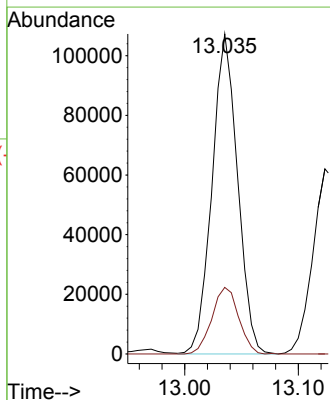
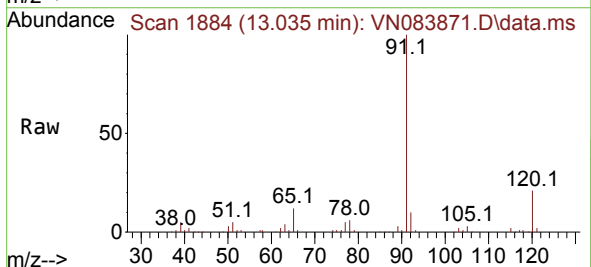
Manual Integrations
APPROVED

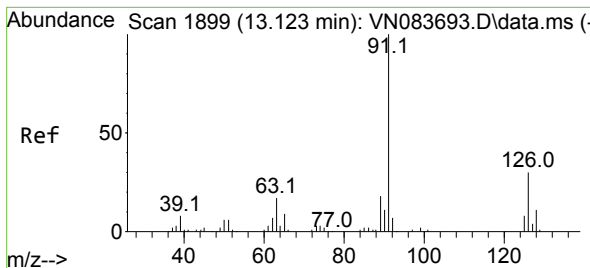
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#74
n-propylbenzene
Concen: 18.353 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

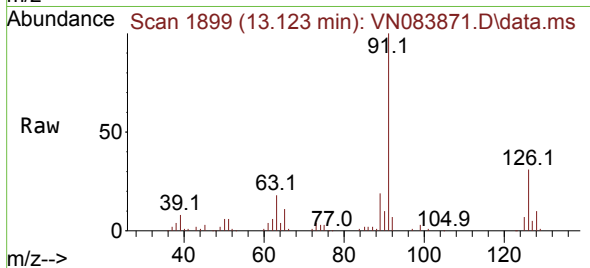
Tgt Ion: 91 Resp: 167530
Ion Ratio Lower Upper
91 100
120 21.7 0.0 43.8





#75
2-Chlorotoluene
Concen: 18.524 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

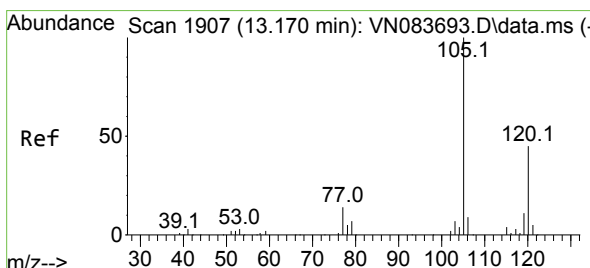
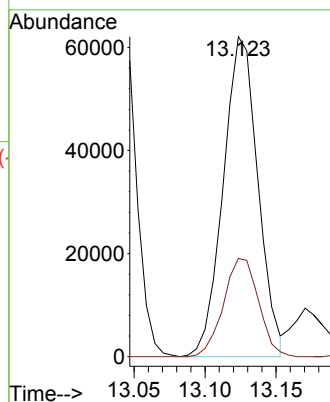
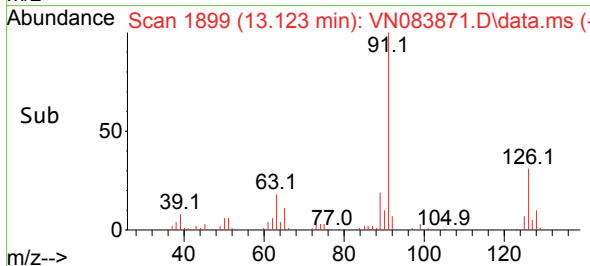
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



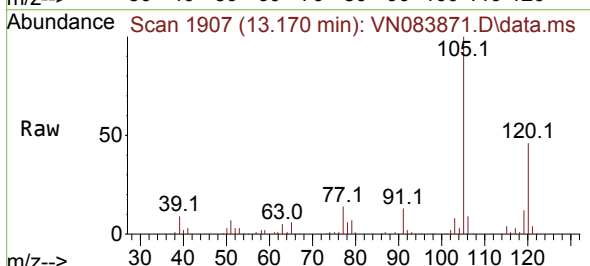
Tgt Ion: 91 Resp: 105534
Ion Ratio Lower Upper
91 100
126 31.0 0.0 61.2

Manual Integrations
APPROVED

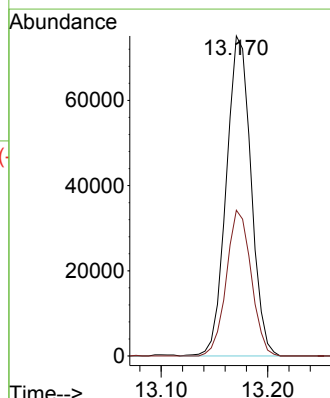
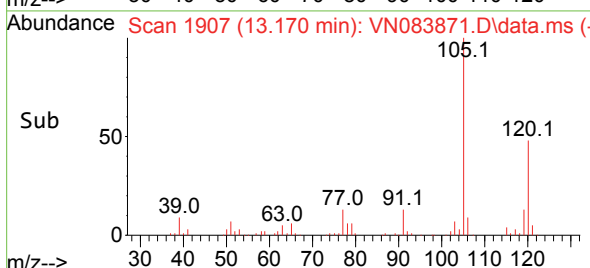
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

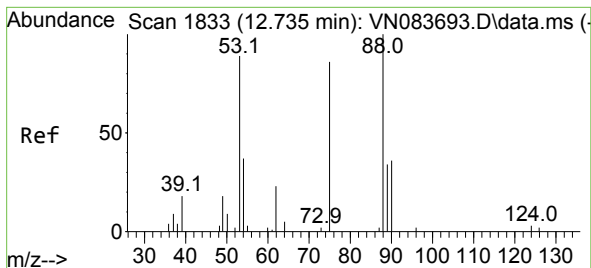


#76
1,3,5-Trimethylbenzene
Concen: 18.603 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34



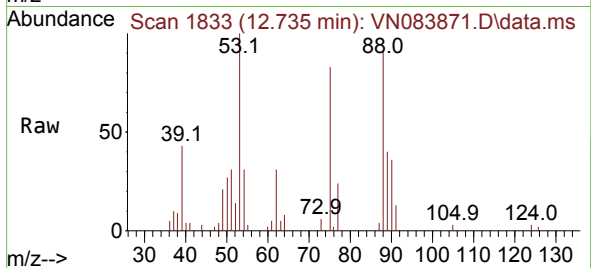
Tgt Ion:105 Resp: 121174
Ion Ratio Lower Upper
105 100
120 45.6 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.562 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

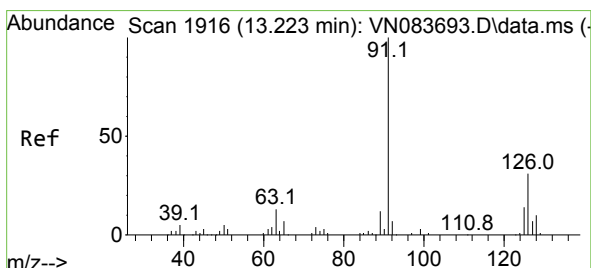
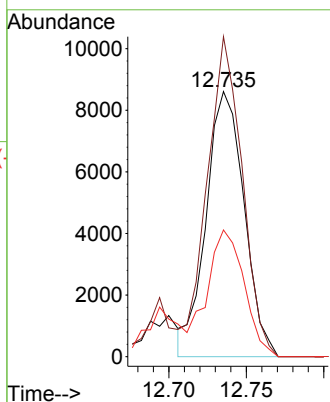
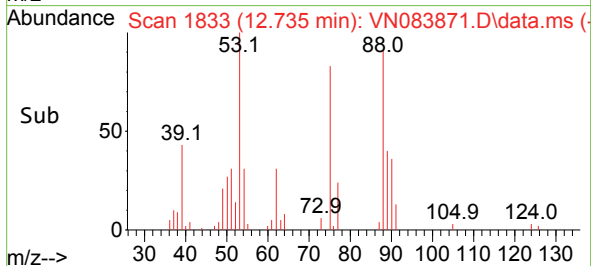
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



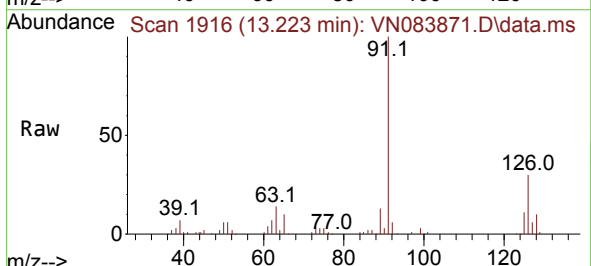
Tgt Ion: 75 Resp: 14650
Ion Ratio Lower Upper
75 100
53 120.7 45.9 137.7
89 47.8 25.9 77.7

Manual Integrations
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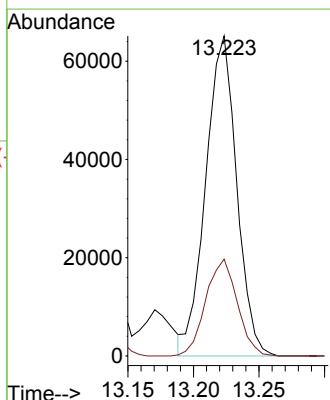
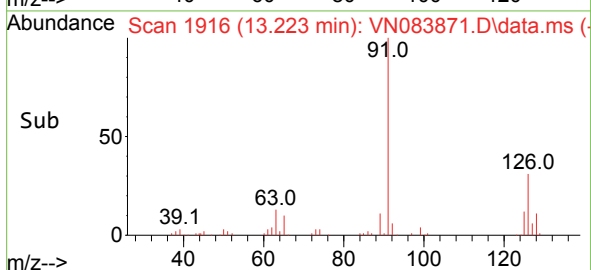
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

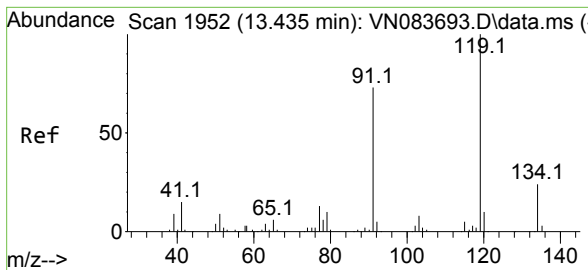


#78
4-Chlorotoluene
Concen: 18.516 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34



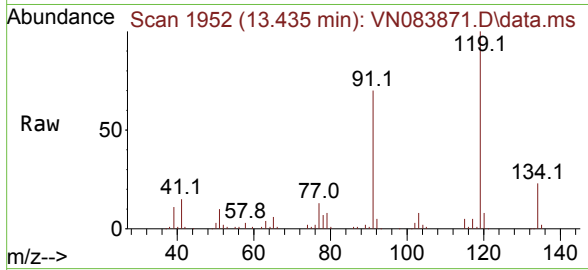
Tgt Ion: 91 Resp: 106974
Ion Ratio Lower Upper
91 100
126 30.8 0.0 62.8





#79
tert-butylbenzene
Concen: 18.343 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

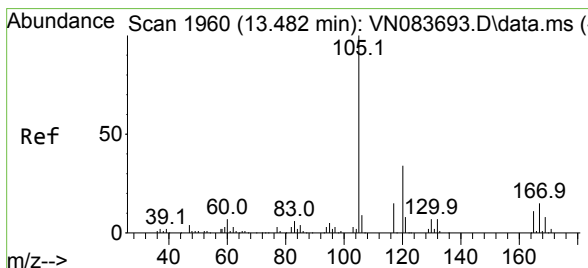
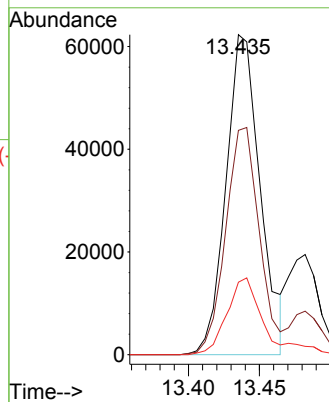
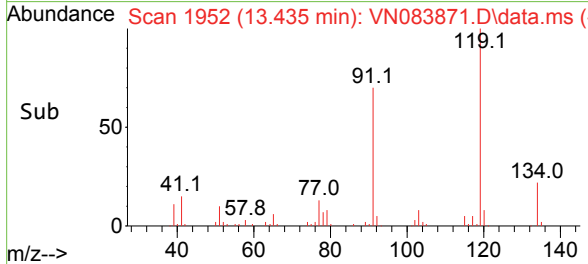
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



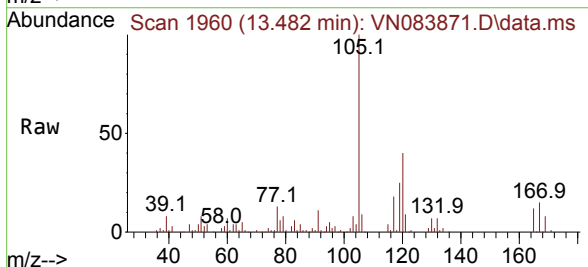
Tgt Ion:119 Resp: 104470
Ion Ratio Lower Upper
119 100
91 70.0 0.0 138.8
134 23.2 0.0 48.6

Manual Integrations
APPROVED

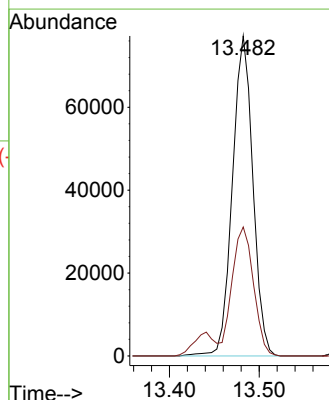
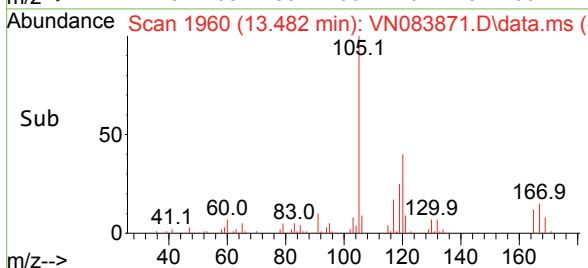
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

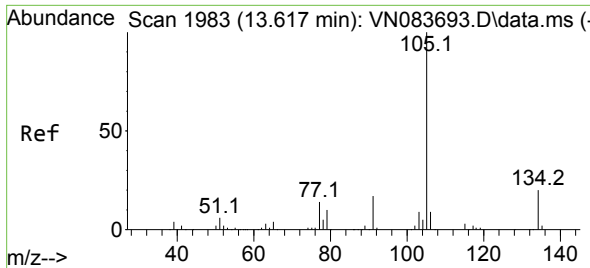


#80
1,2,4-Trimethylbenzene
Concen: 18.553 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34



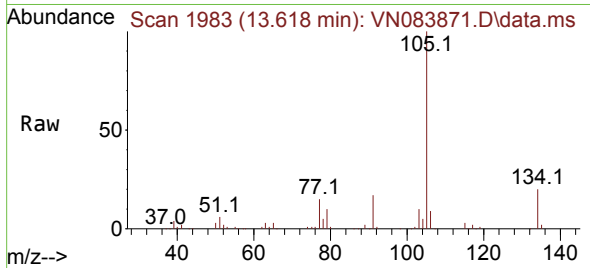
Tgt Ion:105 Resp: 122120
Ion Ratio Lower Upper
105 100
120 42.6 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 18.313 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083871.D
 Acq: 13 Sep 2024 15:34

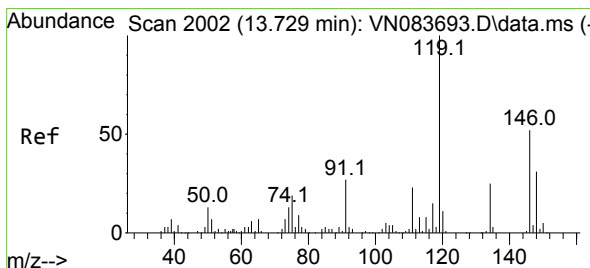
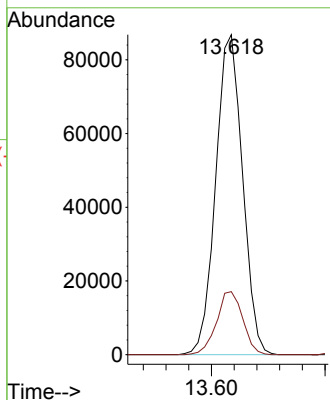
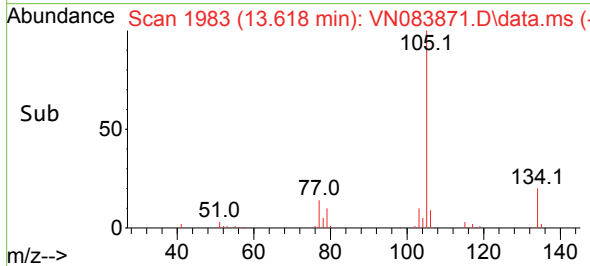
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBSD01



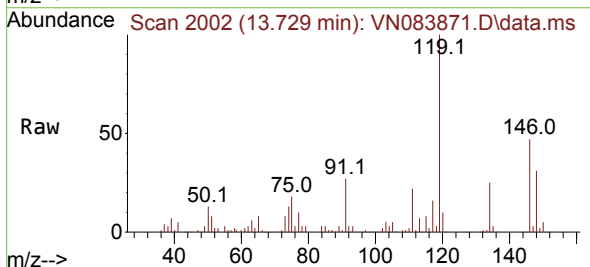
Tgt Ion:105 Resp: 142490
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.0

Manual Integrations
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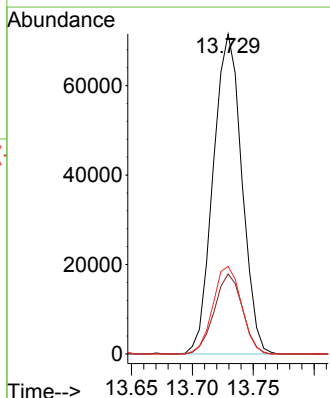
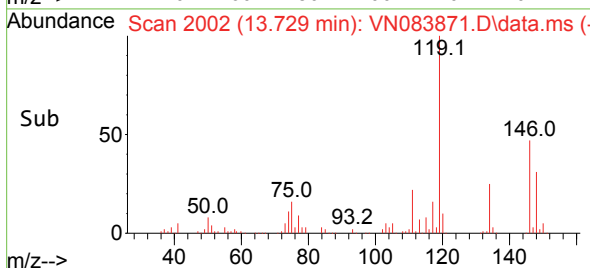
Reviewed By :John Carlone 09/14/2024
 Supervised By :Semsettin Yesilyurt 09/16/2024

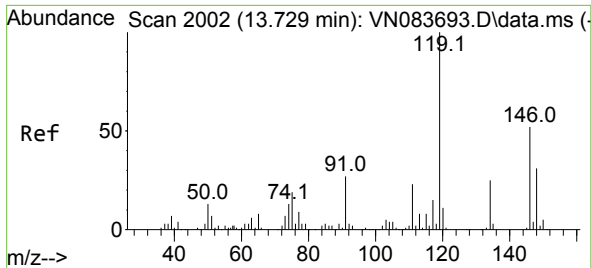


#82
 p-Isopropyltoluene
 Concen: 17.889 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083871.D
 Acq: 13 Sep 2024 15:34



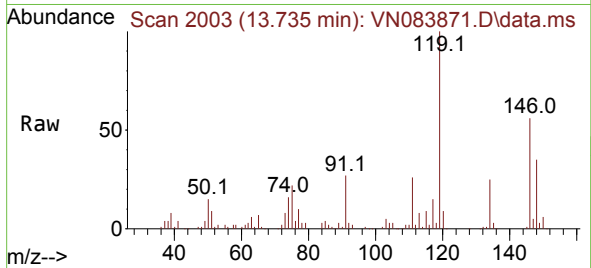
Tgt Ion:119 Resp: 117108
 Ion Ratio Lower Upper
 119 100
 134 24.5 0.0 49.2
 91 27.3 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 17.594 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

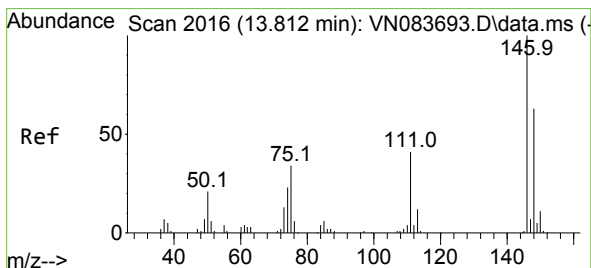
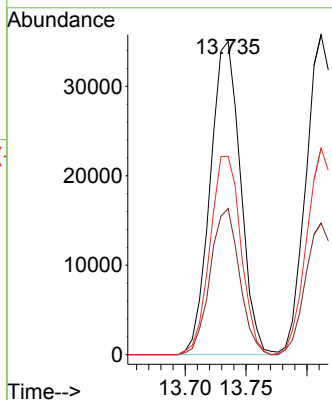
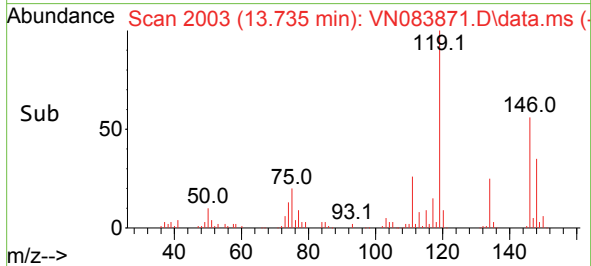
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



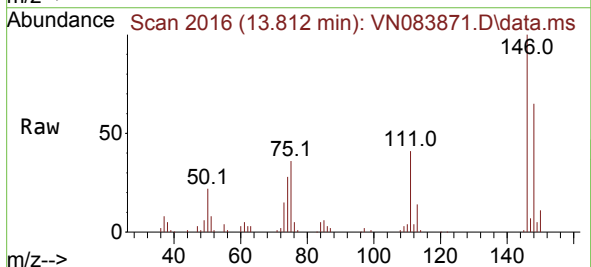
Tgt Ion:146 Resp: 60648
Ion Ratio Lower Upper
146 100
111 45.2 22.4 67.0
148 64.4 32.1 96.5

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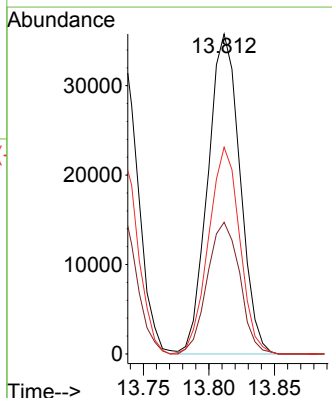
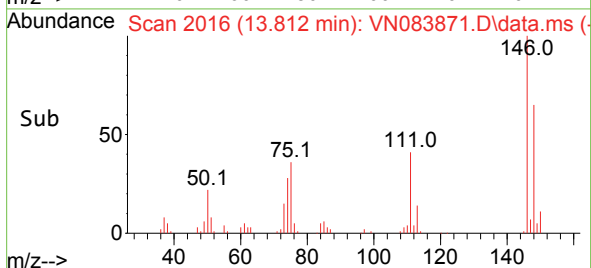
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

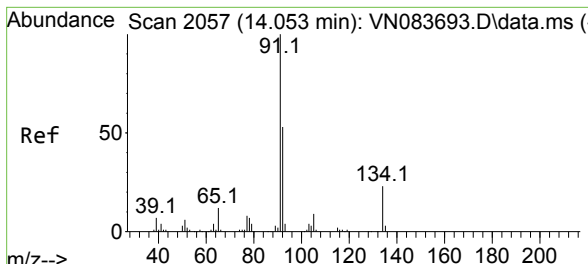


#84
1,4-Dichlorobenzene
Concen: 17.700 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34



Tgt Ion:146 Resp: 60998
Ion Ratio Lower Upper
146 100
111 41.6 21.3 63.9
148 62.8 31.9 95.5





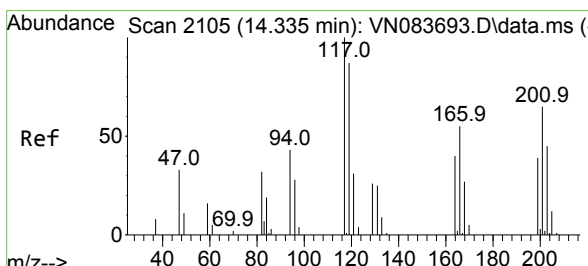
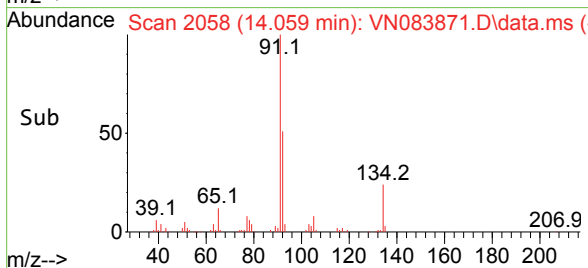
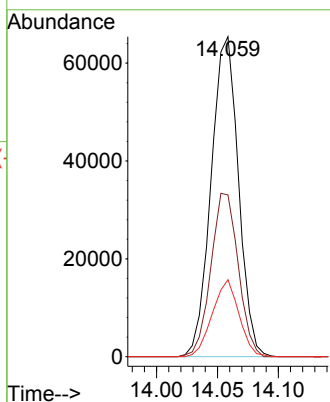
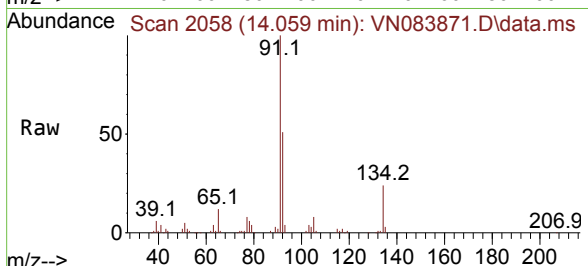
#85
 n-Butylbenzene
 Concen: 17.672 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.006 min
 Lab File: VN083871.D
 Acq: 13 Sep 2024 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.2	0.0	105.0
134	23.4	0.0	51.8

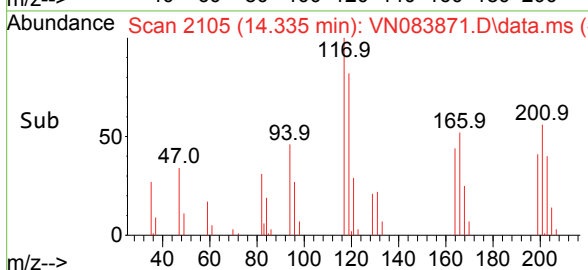
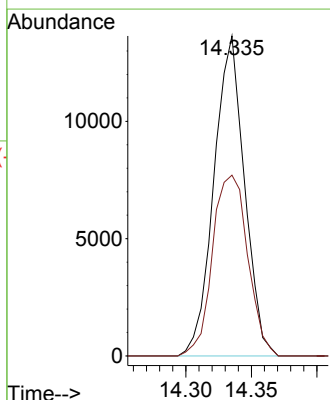
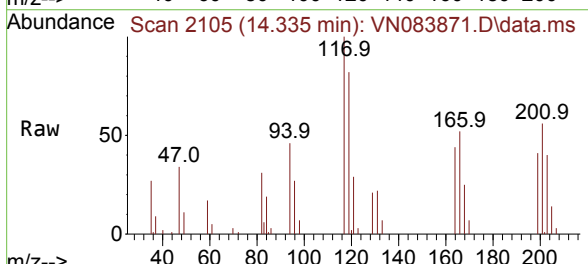
Manual Integrations
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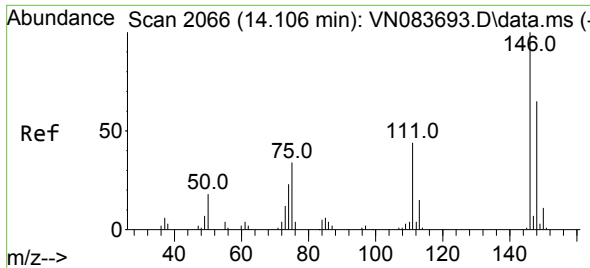
Reviewed By :John Carlone 09/14/2024
 Supervised By :Semsettin Yesilyurt 09/16/2024



#86
 Hexachloroethane
 Concen: 17.806 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN083871.D
 Acq: 13 Sep 2024 15:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.2	38.0	114.0





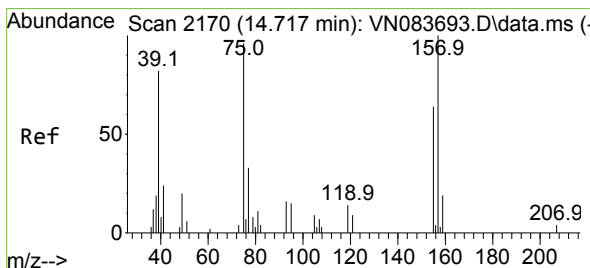
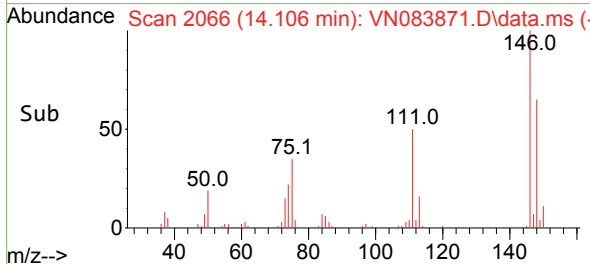
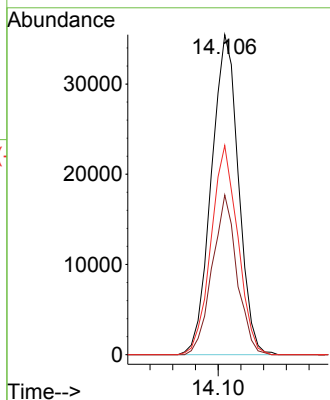
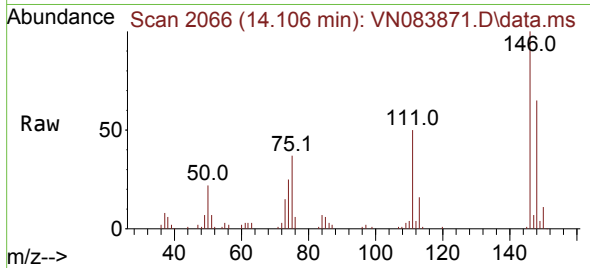
#87
1,2-Dichlorobenzene
Concen: 17.566 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion:146 Resp: 58760
Ion Ratio Lower Upper
146 100
111 45.7 22.6 67.8
148 64.6 31.3 93.8

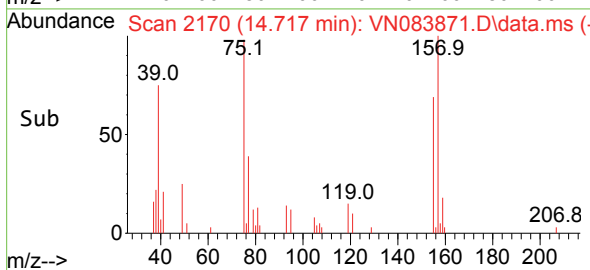
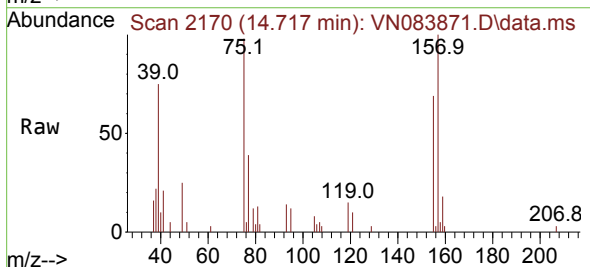
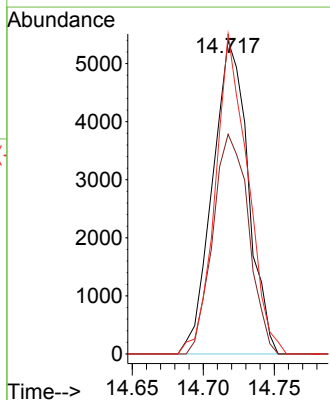
Manual Integrations
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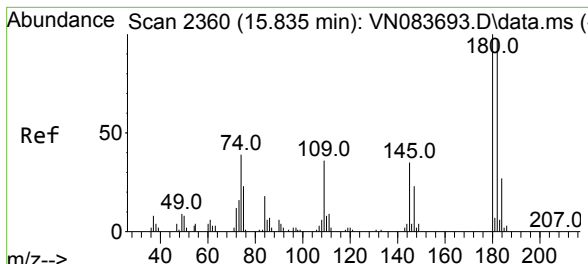
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.135 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

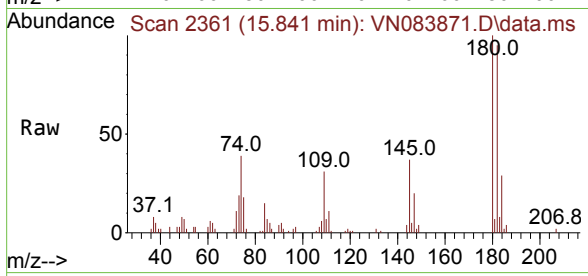
Tgt Ion: 75 Resp: 9424
Ion Ratio Lower Upper
75 100
155 70.3 61.7 92.5
157 92.7 83.6 125.4





#89
 1,2,4-Trichlorobenzene
 Concen: 16.644 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.006 min
 Lab File: VN083871.D
 Acq: 13 Sep 2024 15:34

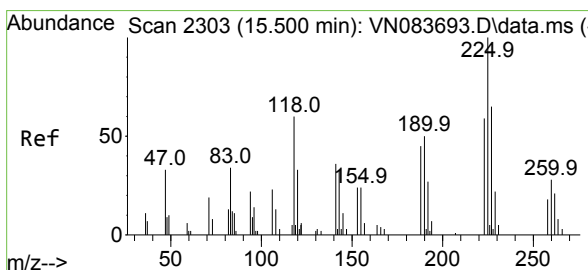
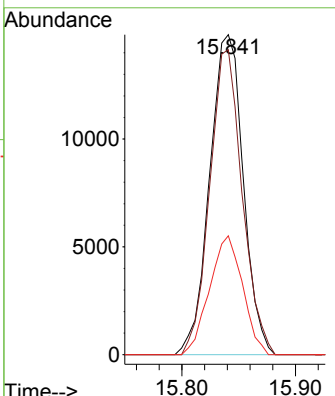
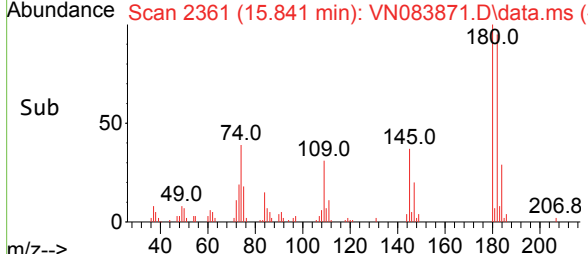
Instrument : MSVOA_N
 ClientSampleId : VN0913WBSD01



Tgt Ion:	180	Resp:	30504
Ion Ratio	Lower	Upper	
180	100		
182	92.1	76.4	114.6
145	36.6	28.4	42.6

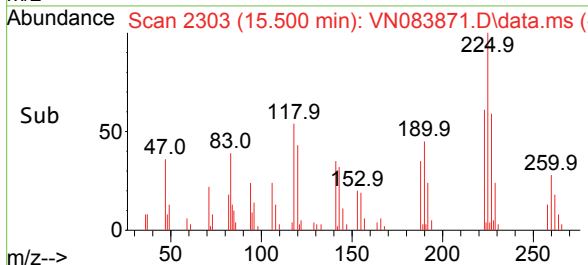
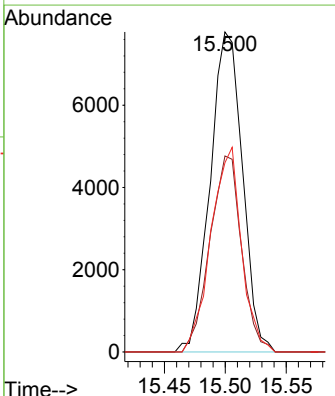
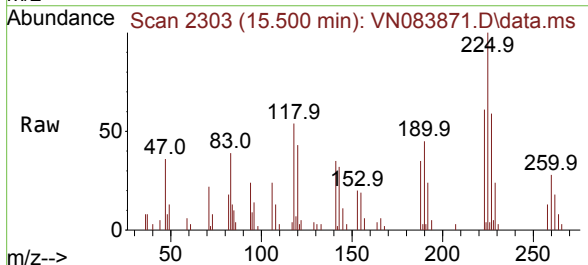
Manual Integrations
 APPROVED

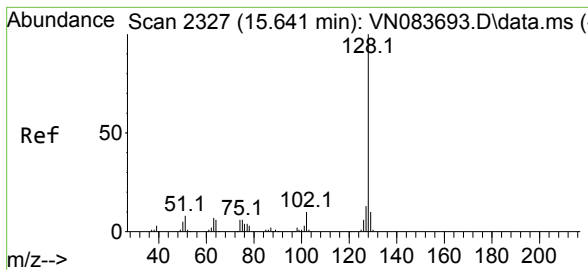
Reviewed By :John Carlone 09/14/2024
 Supervised By :Semsettin Yesilyurt 09/16/2024



#90
 Hexachlorobutadiene
 Concen: 18.956 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN083871.D
 Acq: 13 Sep 2024 15:34

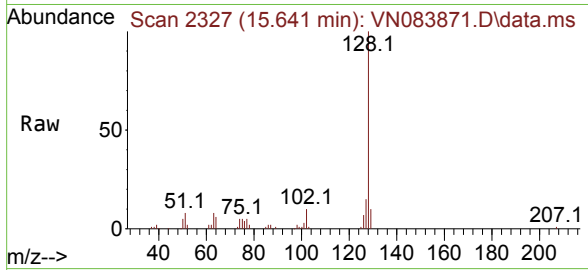
Tgt Ion:	225	Resp:	14380
Ion Ratio	Lower	Upper	
225	100		
223	60.0	0.0	126.6
227	60.5	0.0	126.6





#91
Naphthalene
Concen: 16.877 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34

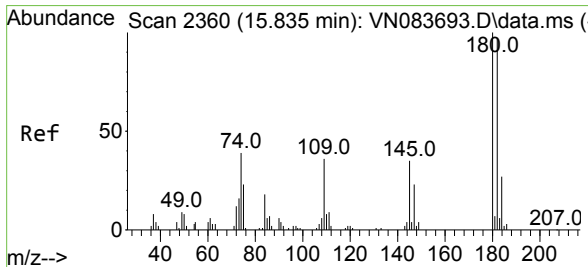
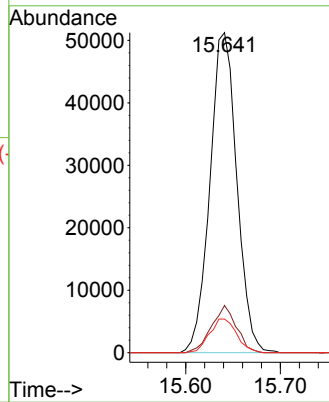
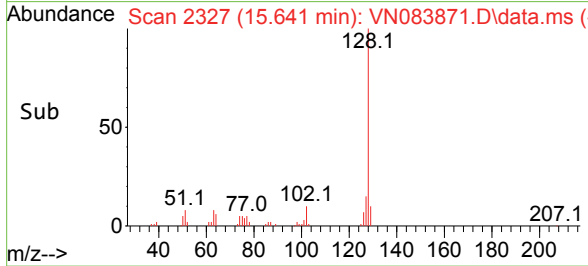
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



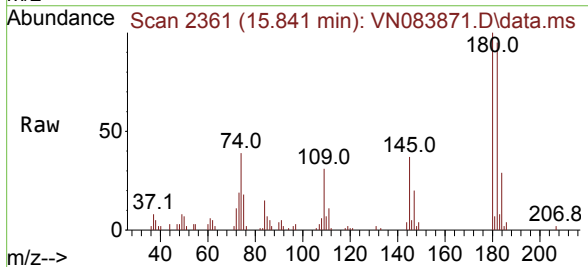
Tgt Ion:128 Resp: 101125
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#92
1,2,3-Trichlorobenzene
Concen: 16.644 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN083871.D
Acq: 13 Sep 2024 15:34



Tgt Ion:180 Resp: 30504
Ion Ratio Lower Upper
180 100
182 92.1 0.0 191.0
145 36.6 0.0 71.0

