

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
 Data File : VN083869.D
 Acq On : 13 Sep 2024 14:23
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: Sep 13 23:50:04 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.812	128	25848	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	148382	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	138167	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	73975	31.310	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.367%			
60) 4-Bromofluorobenzene	12.847	95	70431	29.577	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.600%			
63) Toluene-d8	10.565	98	193513	30.248	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.833%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34263	19.794	ug/l	99
3) Chloromethane	2.359	50	35554	19.768	ug/l	99
4) Vinyl Chloride	2.512	62	35649	19.281	ug/l	96
5) Bromomethane	2.965	94	22818	22.089	ug/l	92
6) Chloroethane	3.124	64	25314	20.446	ug/l	96
7) Trichlorofluoromethane	3.500	101	60565	19.539	ug/l	92
8) Diethyl Ether	3.965	74	19875	18.870	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	31914	19.167	ug/l	93
10) 1,1-Dichloroethene	4.342	96	30604	19.050	ug/l	87
11) Methyl Iodide	4.594	142	42598	19.521	ug/l	89
12) Methyl Acetate	5.024	43	38693	19.971	ug/l #	79
13) Acrolein	4.183	56	25409	89.863	ug/l	98
14) Acrylonitrile	5.724	53	78931	100.671	ug/l	99
15) Acetone	4.430	58	21459	82.507	ug/l	80
16) Carbon Disulfide	4.706	76	81543	17.960	ug/l	98
17) Allyl chloride	5.024	41	48421	17.188	ug/l	86
18) Methylene Chloride	5.277	84	35823	20.382	ug/l	93
19) trans-1,2-Dichloroethene	5.789	96	30743	18.464	ug/l	95
20) Diisopropyl ether	6.671	45	109420	19.232	ug/l	92
21) 1,1-Dichloroethane	6.571	63	64662	19.906	ug/l	97
22) cis-1,2-Dichloroethene	7.488	96	38531	19.013	ug/l	92
23) tert-Butyl Alcohol	5.524	59	34272	119.118	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	109347	19.154	ug/l #	85
25) Chloroform	7.965	83	67550	19.623	ug/l	93
26) Cyclohexane	8.259	56	51790	18.102	ug/l #	88
29) 1,1-Dichloropropene	8.377	75	46132	19.601	ug/l	99
30) 2-Butanone	7.483	43	114455	103.165	ug/l	93
31) 2,2-Dichloropropane	7.494	77	52037	17.342	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	61405	19.536	ug/l	96
33) Carbon Tetrachloride	8.365	117	52841	19.413	ug/l	97
34) Benzene	8.606	78	141840	20.086	ug/l	96
35) Methacrylonitrile	7.777	41	26380	21.152	ug/l	88
36) 1,2-Dichloroethane	8.671	62	56374	21.235	ug/l #	93
37) Trichloroethene	9.353	130	32654	19.692	ug/l	99
38) Methylcyclohexane	9.600	83	49311	17.500	ug/l	93
39) 1,2-Dichloropropane	9.624	63	34127	20.080	ug/l	97
40) Dibromomethane	9.706	93	24525	19.735	ug/l	95
41) Bromodichloromethane	9.888	83	53420	20.215	ug/l	99
42) Vinyl Acetate	6.606	43	426268	93.451	ug/l	96

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

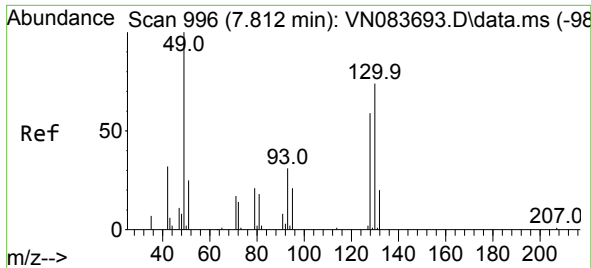
Quant Time: Sep 13 23:50:04 2024
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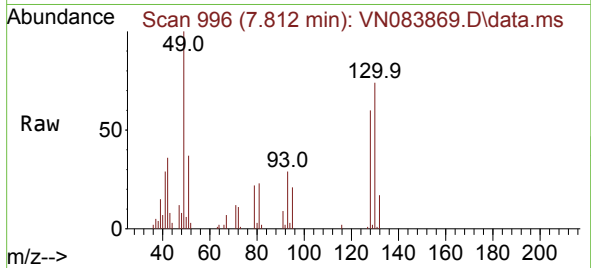
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43) Ethyl Acetate	7.559	43	44588	19.967	ug/l	96
44) Isopropyl Acetate	8.688	43	83200	21.542	ug/l #	88
45) 1,4-Dioxane	9.694	88	13824	458.898	ug/l #	92
46) Methyl methacrylate	9.682	41	39606	21.186	ug/l	82
47) n-amyl Acetate	12.494	43	71173	20.803	ug/l	91
48) t-1,3-Dichloropropene	10.835	75	50568	18.192	ug/l	94
49) cis-1,3-Dichloropropene	10.312	75	53791	18.608	ug/l #	79
50) 1,1,2-Trichloroethane	11.018	97	32830	20.762	ug/l	91
51) Ethyl methacrylate	10.871	69	53406	19.769	ug/l #	72
52) 1,3-Dichloropropane	11.165	76	58174	20.372	ug/l	98
53) Dibromochloromethane	11.359	129	37580	19.814	ug/l	99
54) 1,2-Dibromoethane	11.470	107	33661	20.577	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	116804	108.489	ug/l	98
56) Bromoform	12.576	173	22423	18.609	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	239303	109.231	ug/l #	88
59) 2-Hexanone	11.194	43	173948	105.079	ug/l	89
61) Tetrachloroethene	11.106	164	28582	19.547	ug/l	88
62) Toluene	10.629	91	152580	19.213	ug/l	98
64) Chlorobenzene	11.894	112	91196	18.547	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	31861	18.601	ug/l	97
66) Ethyl Benzene	11.965	91	167803	18.580	ug/l	98
67) m/p-Xylenes	12.070	106	124887	37.587	ug/l	98
68) o-Xylene	12.400	106	60902	18.939	ug/l	97
69) Styrene	12.412	104	102160	18.802	ug/l	99
70) Isopropylbenzene	12.694	105	156722	18.468	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	48177	20.786	ug/l #	95
72) 1,2,3-Trichloropropane	12.994	75	40415m	19.888	ug/l	
73) Bromobenzene	12.976	156	35840	18.387	ug/l	93
74) n-propylbenzene	13.035	91	181297	18.250	ug/l	99
75) 2-Chlorotoluene	13.123	91	116460	18.783	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	131870	18.603	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	14860	17.300	ug/l	82
78) 4-Chlorotoluene	13.223	91	113084	17.985	ug/l	98
79) tert-butylbenzene	13.435	119	113498	18.310	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	131889	18.411	ug/l	100
81) sec-Butylbenzene	13.617	105	152806	18.045	ug/l	99
82) p-Isopropyltoluene	13.729	119	126441	17.747	ug/l	97
83) 1,3-Dichlorobenzene	13.729	146	64023	17.066	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	64125	17.097	ug/l	99
85) n-Butylbenzene	14.053	91	105552	16.788	ug/l	97
86) Hexachloroethane	14.335	117	24376	18.054	ug/l	86
87) 1,2-Dichlorobenzene	14.106	146	65235	17.918	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9870	19.377	ug/l	85
89) 1,2,4-Trichlorobenzene	15.835	180	31091	15.587	ug/l	99
90) Hexachlorobutadiene	15.500	225	13321	16.135	ug/l	96
91) Naphthalene	15.641	128	100328	15.385	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	31091	15.587	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

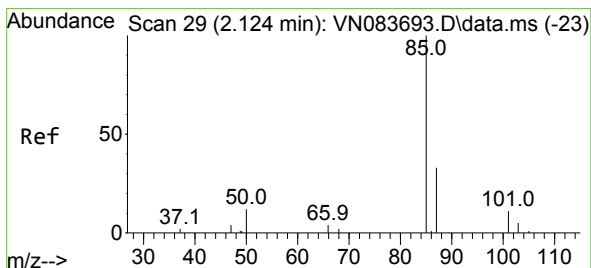
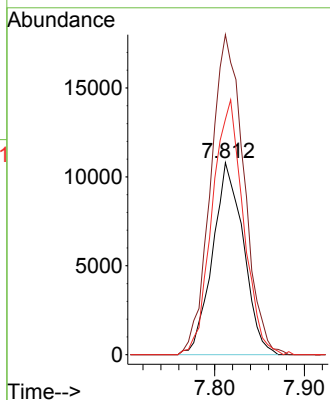
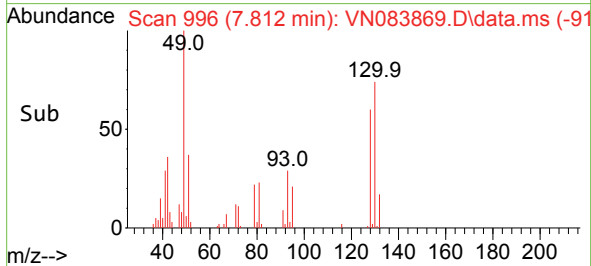
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 2584
Ion Ratio Lower Upper
128 100
49 179.0 0.0 403.7
130 134.0 0.0 323.3

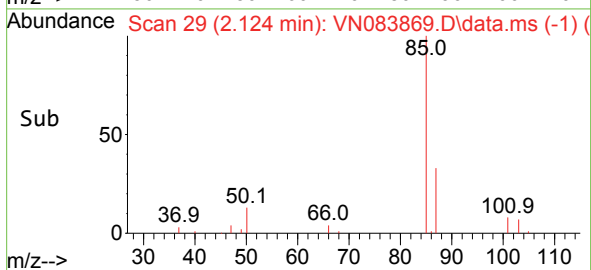
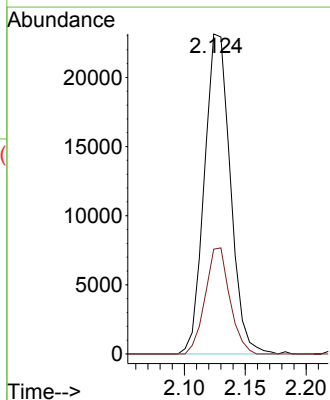
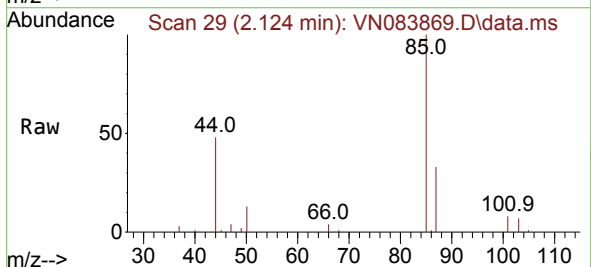
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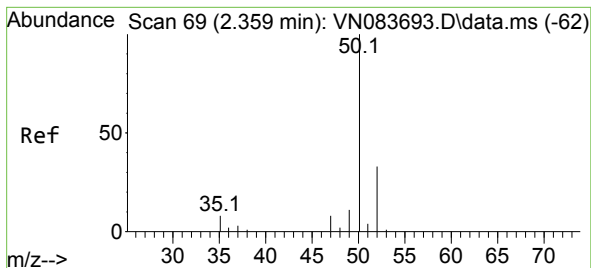
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#2
Dichlorodifluoromethane
Concen: 19.794 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Tgt Ion: 85 Resp: 34263
Ion Ratio Lower Upper
85 100
87 32.7 16.8 50.3





#3

Chloromethane

Concen: 19.768 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN083869.D

Acq: 13 Sep 2024 14:23

Instrument :

MSVOA_N

ClientSampleId :

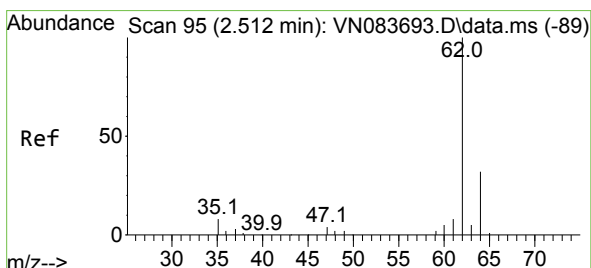
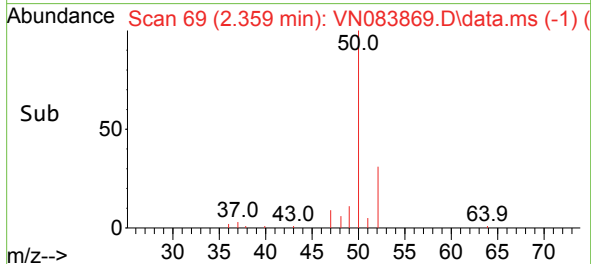
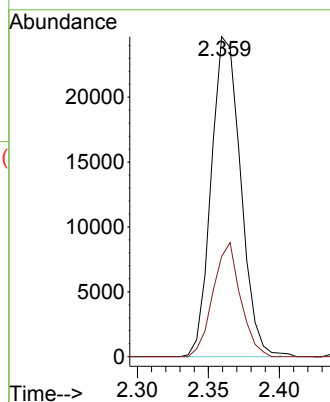
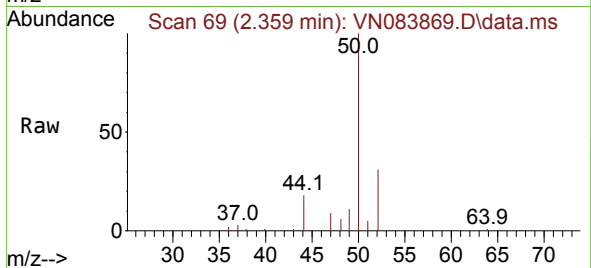
VSTDCCC020

Tgt Ion: 50 Resp: 35554
 Ion Ratio Lower Upper
 50 100
 52 31.4 25.4 38.0

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 Supervised By :Semsettin Yesilyurt 09/16/2024



#4

Vinyl Chloride

Concen: 19.281 ug/l

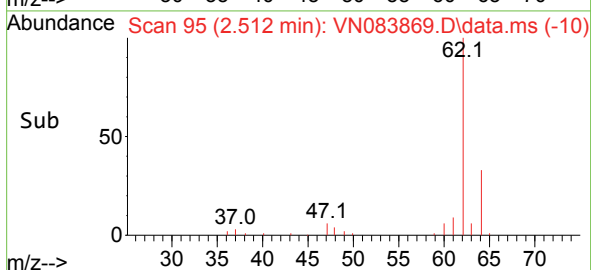
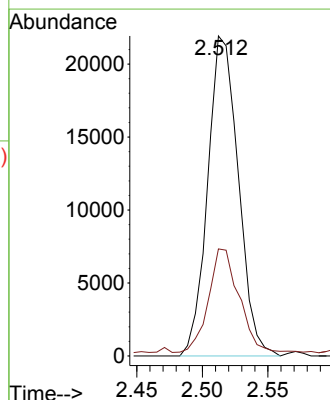
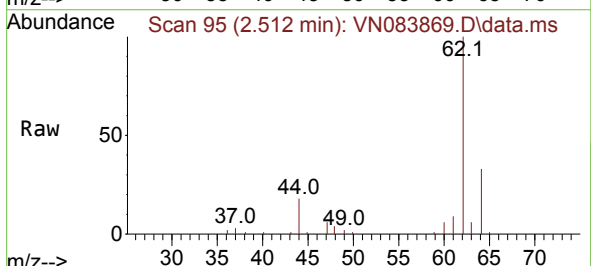
RT: 2.512 min Scan# 95

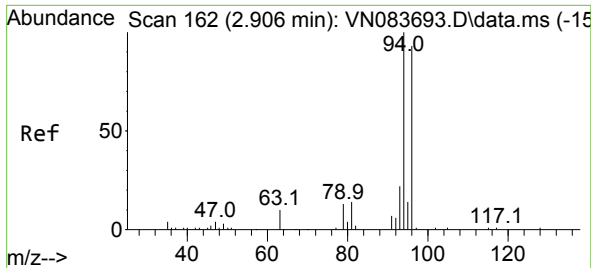
Delta R.T. -0.000 min

Lab File: VN083869.D

Acq: 13 Sep 2024 14:23

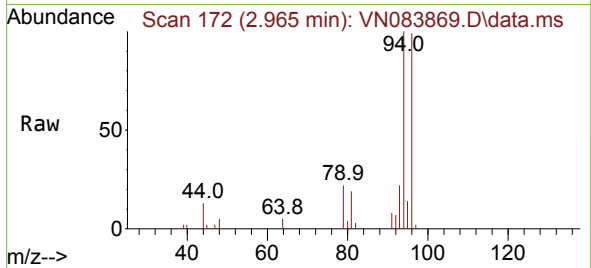
Tgt Ion: 62 Resp: 35649
 Ion Ratio Lower Upper
 62 100
 64 32.2 24.1 36.1





#5
Bromomethane
Concen: 22.089 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.059 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

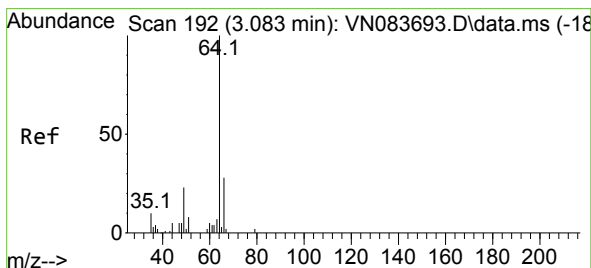
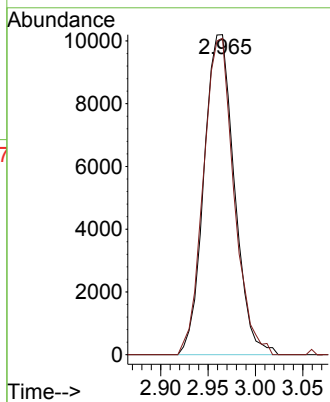
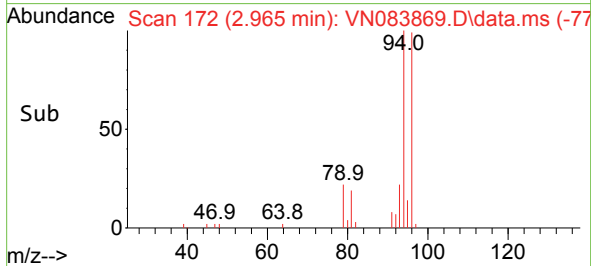
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 22818
Ion Ratio Lower Upper
94 100
96 98.9 72.8 109.2

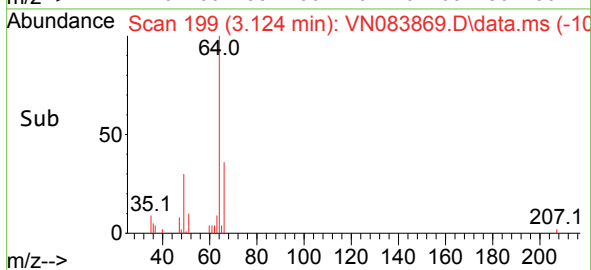
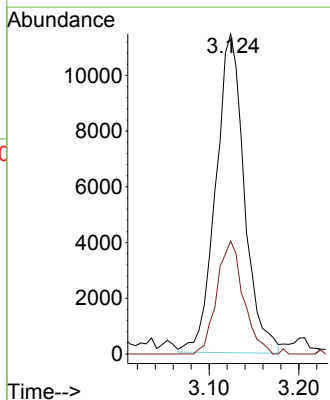
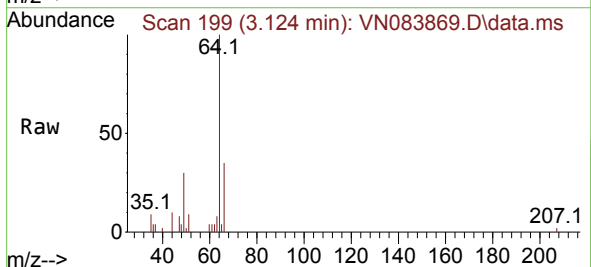
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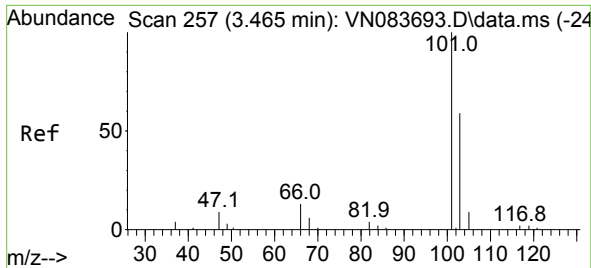
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#6
Chloroethane
Concen: 20.446 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.041 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Tgt Ion: 64 Resp: 25314
Ion Ratio Lower Upper
64 100
66 35.8 26.7 40.1





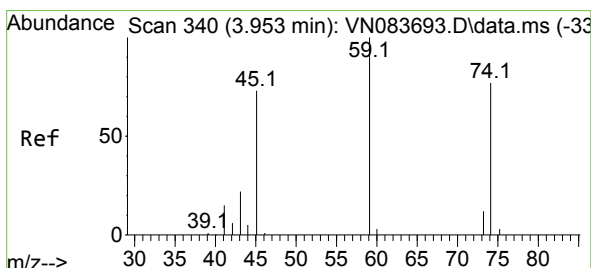
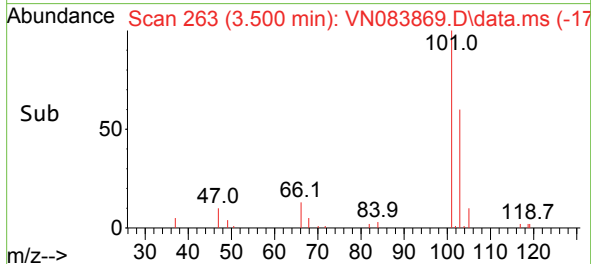
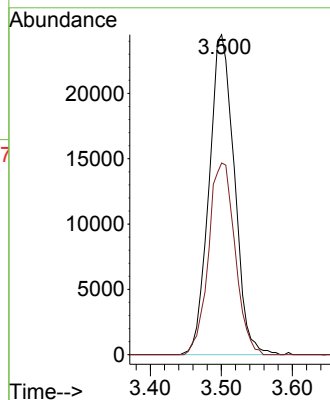
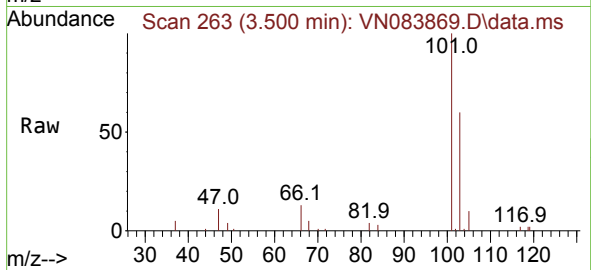
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Trichlorofluoromethane
Concen: 19.539 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.035 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 6056
Ion Ratio Lower Upper
101 100
103 59.9 53.0 79.4

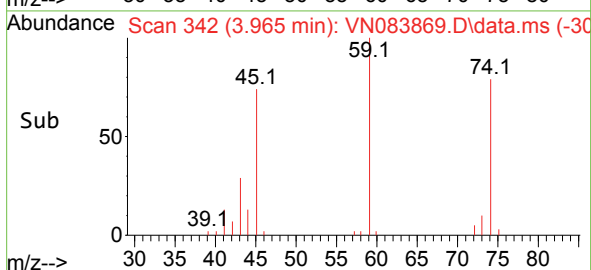
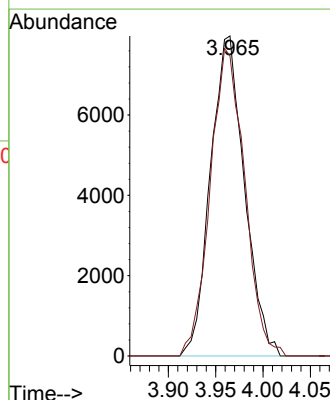
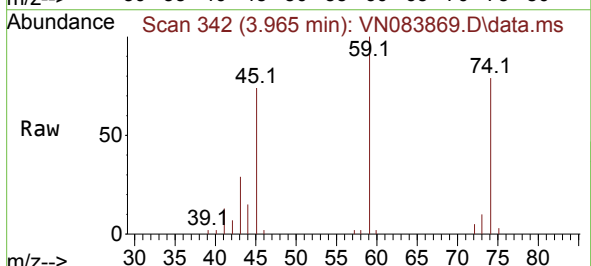
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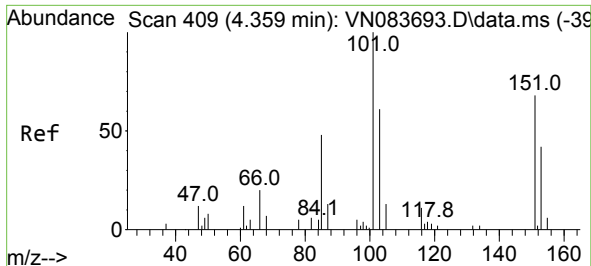
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#8
Diethyl Ether
Concen: 18.870 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Tgt Ion: 74 Resp: 19875
Ion Ratio Lower Upper
74 100
45 97.5 16.4 147.4





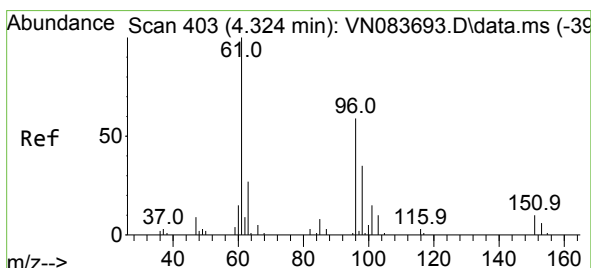
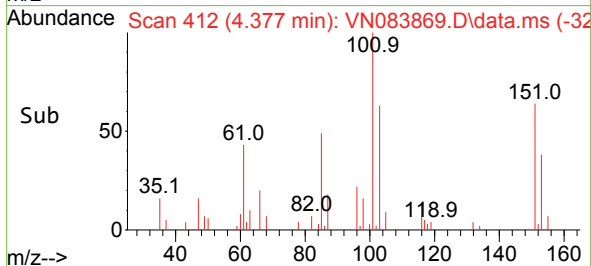
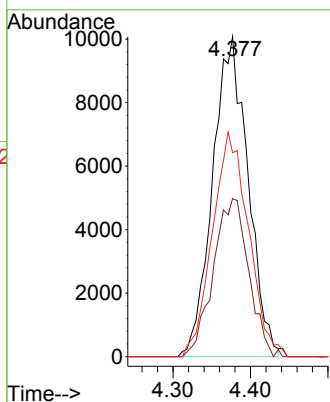
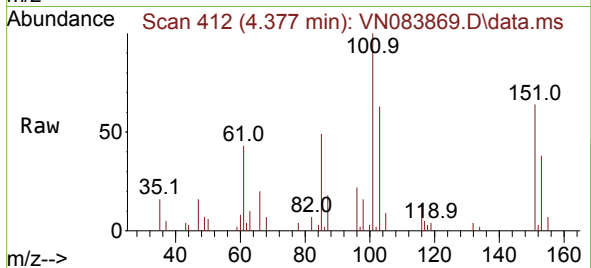
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.167 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 31914
Ion Ratio Lower Upper
101 100
85 49.3 0.0 90.6
151 71.8 0.0 157.6

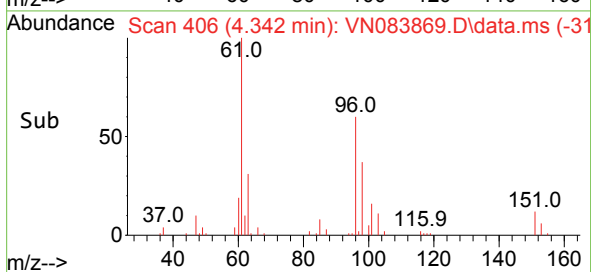
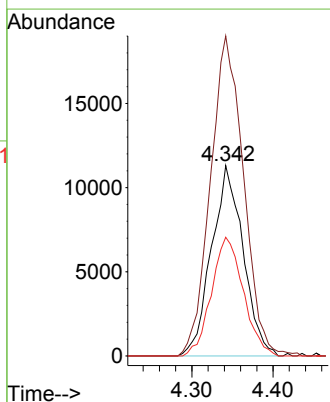
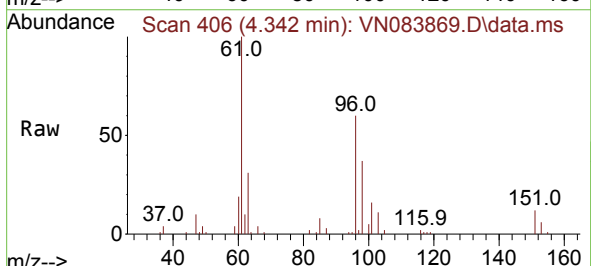
Manual Integrations
APPROVED

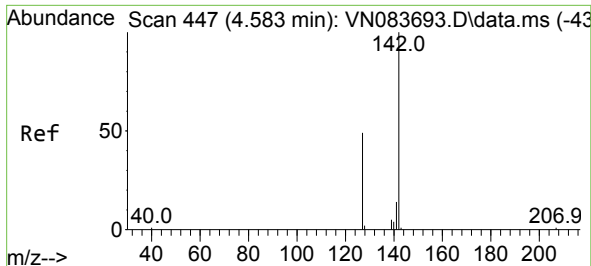
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#10
1,1-Dichloroethene
Concen: 19.050 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.018 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

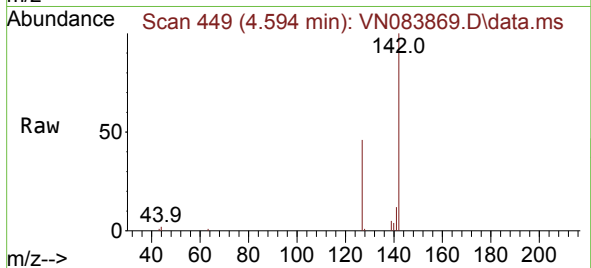
Tgt Ion: 96 Resp: 30604
Ion Ratio Lower Upper
96 100
61 168.0 117.6 176.4
98 62.4 48.4 72.6





#11
Methyl Iodide
Concen: 19.521 ug/l
RT: 4.594 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

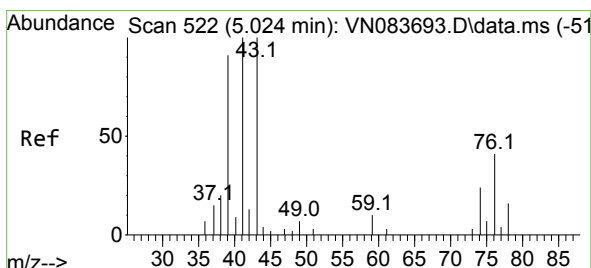
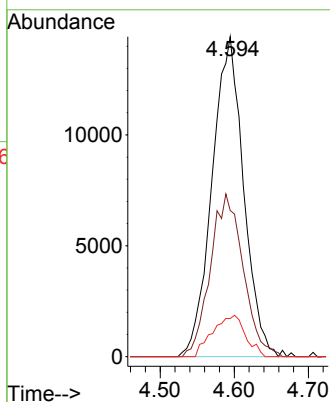
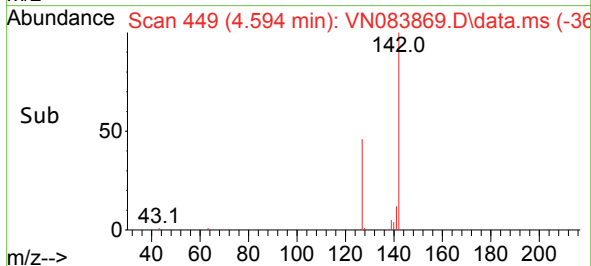
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 42598
Ion Ratio Lower Upper
142 100
127 45.1 26.3 78.9
141 11.9 8.3 24.9

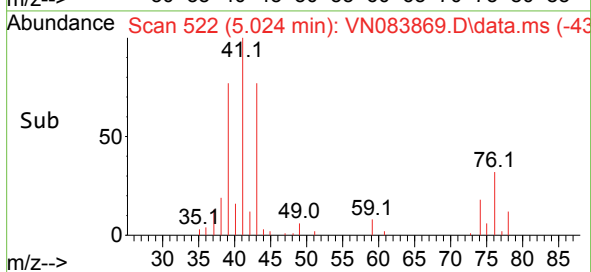
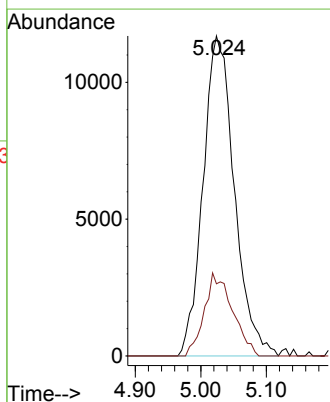
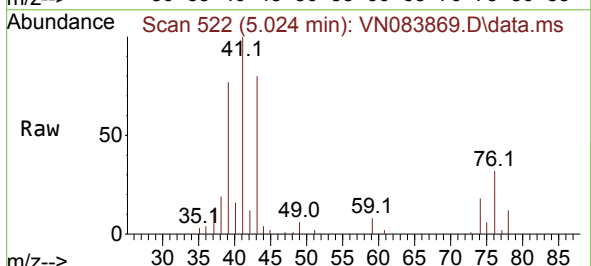
Manual Integrations
APPROVED

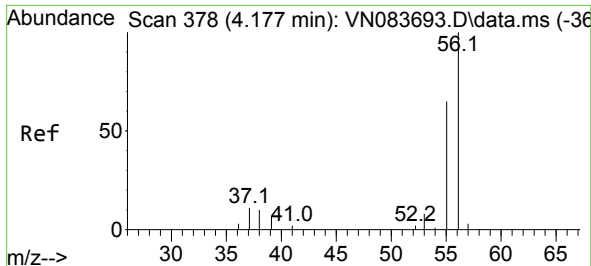
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#12
Methyl Acetate
Concen: 19.971 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Tgt Ion: 43 Resp: 38693
Ion Ratio Lower Upper
43 100
74 22.6 27.7 41.5#





#13

Acrolein

Concen: 89.863 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083869.D

Acq: 13 Sep 2024 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 56 Resp: 25409

Ion Ratio Lower Upper

56 100

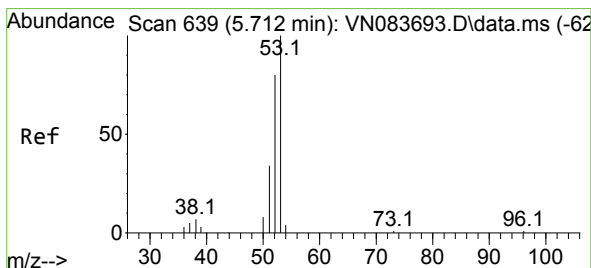
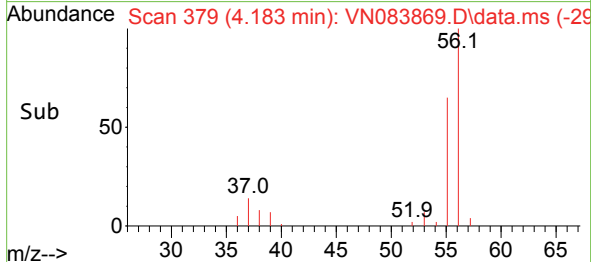
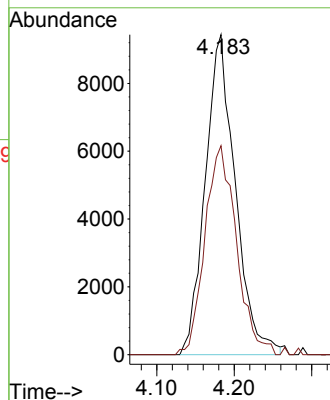
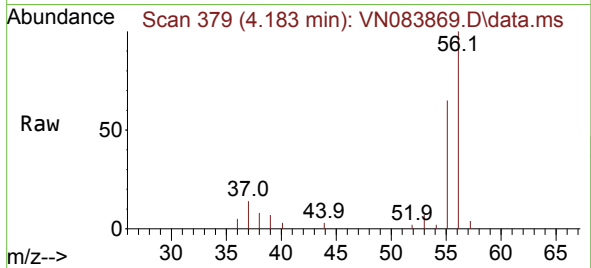
55 68.1 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2024

Supervised By :Semsettin Yesilyurt 09/16/2024



#14

Acrylonitrile

Concen: 100.671 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.012 min

Lab File: VN083869.D

Acq: 13 Sep 2024 14:23

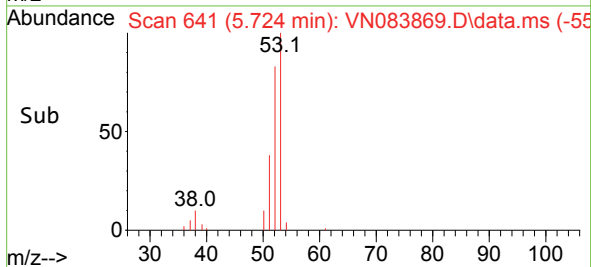
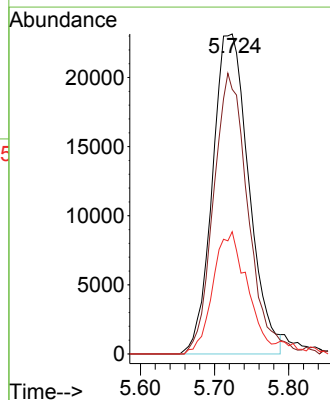
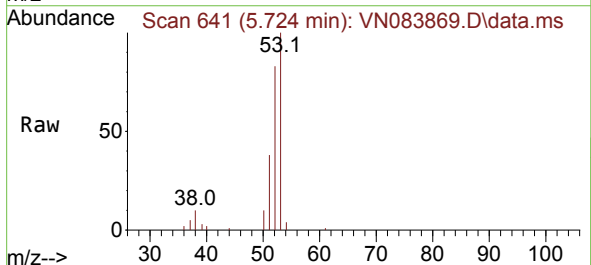
Tgt Ion: 53 Resp: 78931

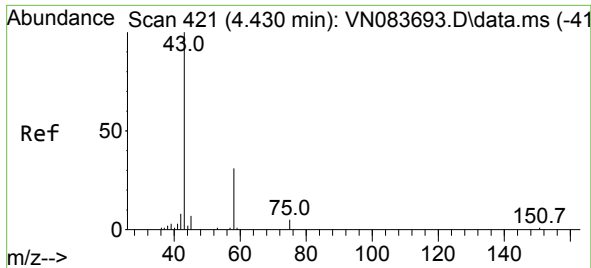
Ion Ratio Lower Upper

53 100

52 82.9 41.3 123.9

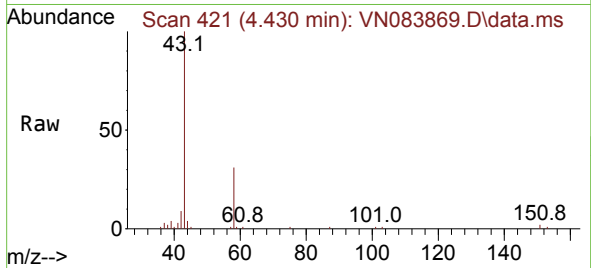
51 36.0 16.8 50.3





#15
Acetone
Concen: 82.507 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

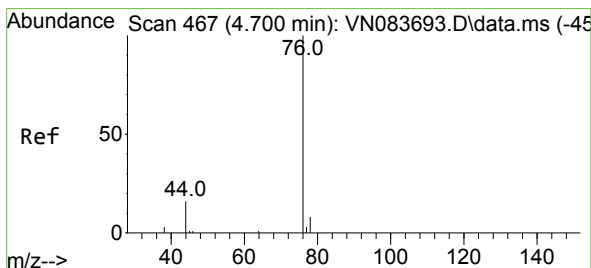
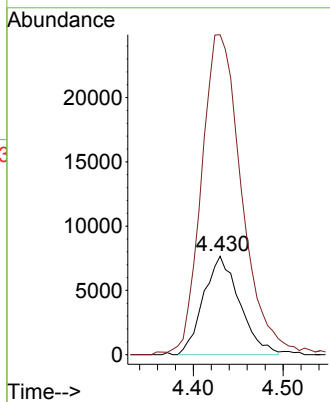
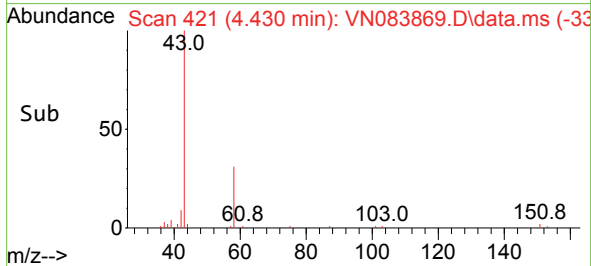
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



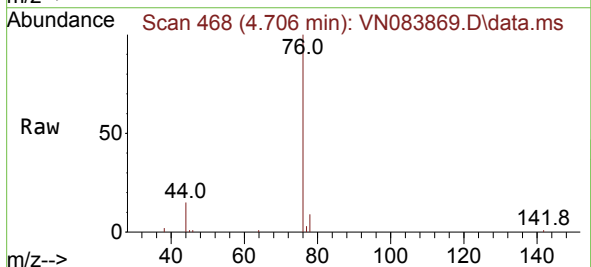
Tgt Ion: 58 Resp: 21458
Ion Ratio Lower Upper
58 100
43 316.2 223.1 334.7

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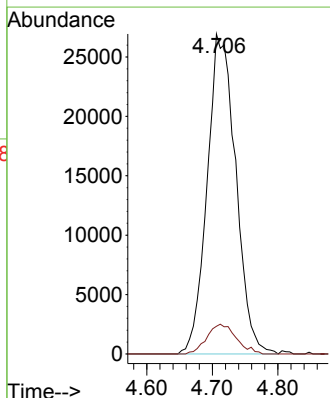
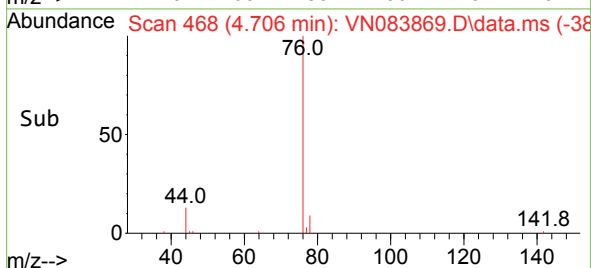
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

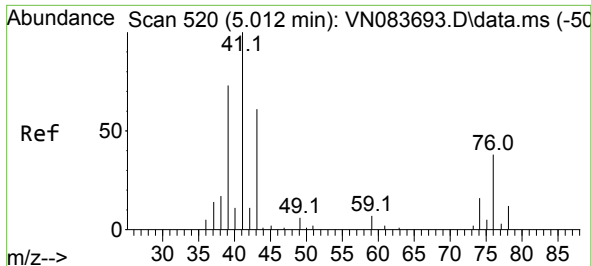


#16
Carbon Disulfide
Concen: 17.960 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23



Tgt Ion: 76 Resp: 81543
Ion Ratio Lower Upper
76 100
78 8.6 6.3 9.5





#17

Allyl chloride

Concen: 17.188 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN083869.D

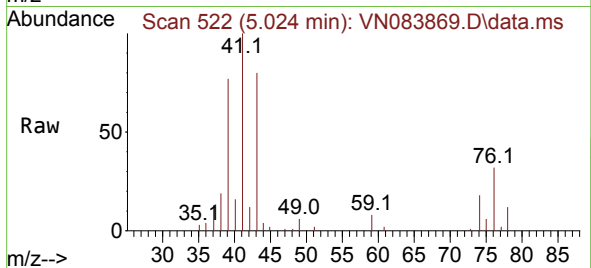
Acq: 13 Sep 2024 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 41 Resp: 4842

Ion Ratio Lower Upper

41 100

39 76.1 37.6 112.9

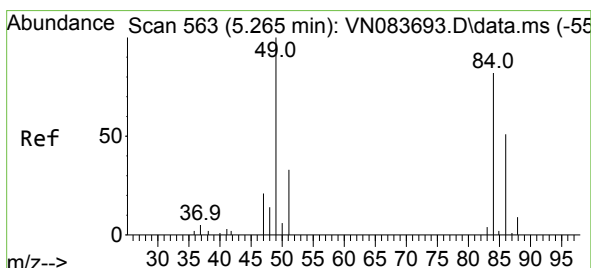
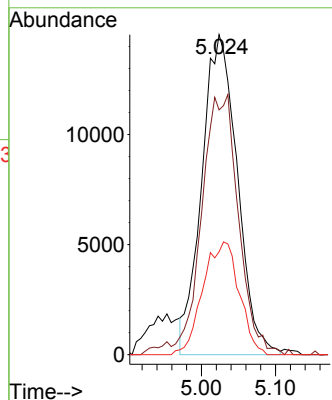
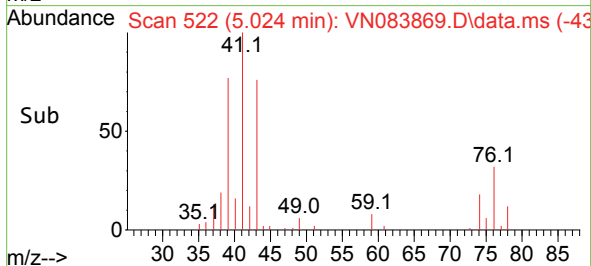
76 32.5 27.8 83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2024

Supervised By :Semsettin Yesilyurt 09/16/2024



#18

Methylene Chloride

Concen: 20.382 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.012 min

Lab File: VN083869.D

Acq: 13 Sep 2024 14:23

Tgt Ion: 84 Resp: 35823

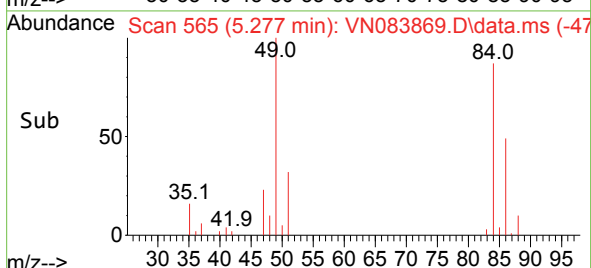
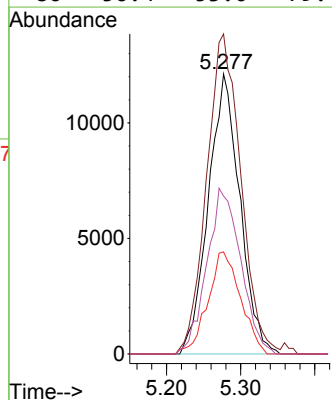
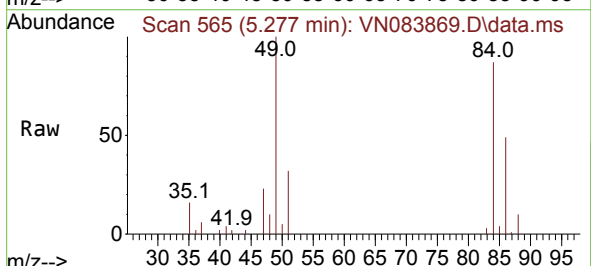
Ion Ratio Lower Upper

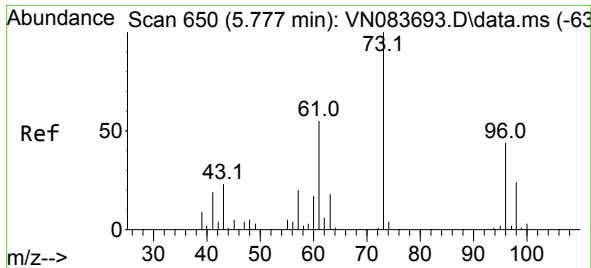
84 100

49 112.8 86.0 129.0

51 36.5 30.0 45.0

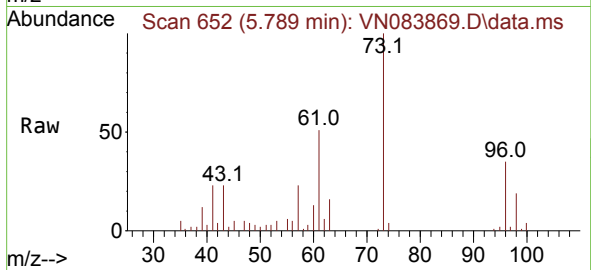
86 56.4 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 18.464 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

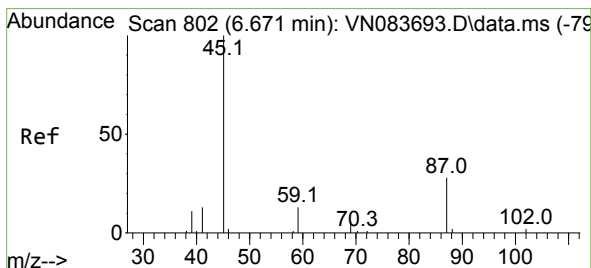
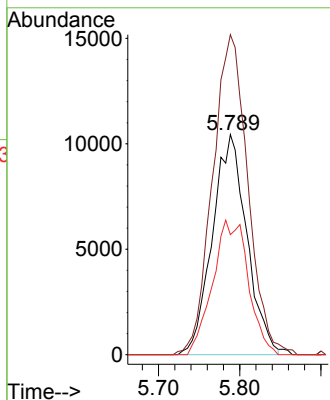
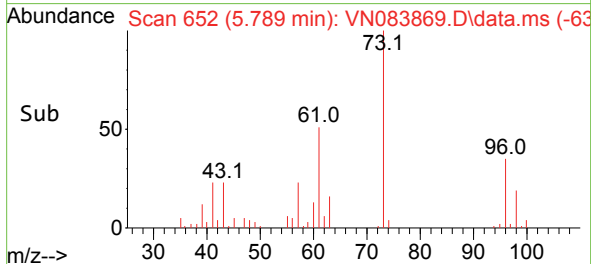
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 3074
Ion Ratio Lower Upper
96 100
61 143.8 111.8 167.6
98 54.5 49.2 73.8

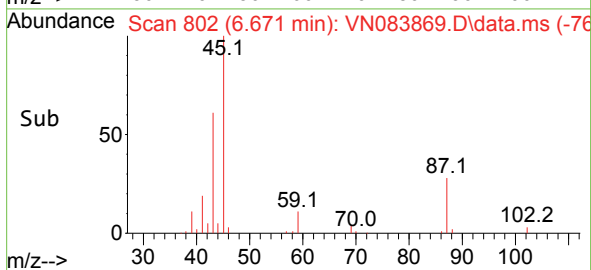
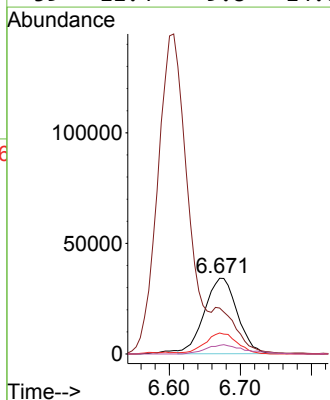
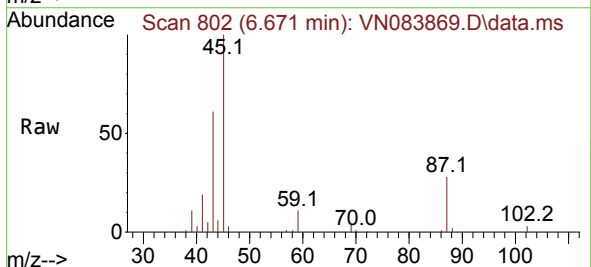
Manual Integrations
APPROVED

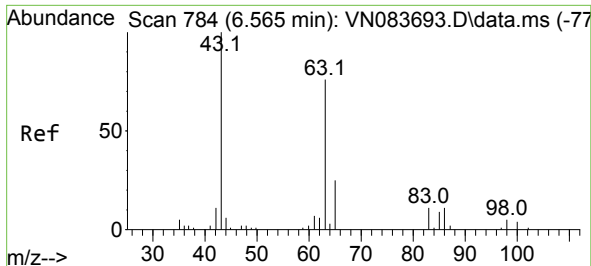
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#20
Diisopropyl ether
Concen: 19.232 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Tgt Ion: 45 Resp: 109420
Ion Ratio Lower Upper
45 100
43 59.5 40.4 60.6
87 28.0 23.8 35.8
59 11.4 9.8 14.6





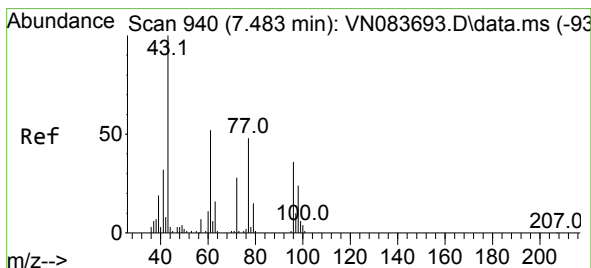
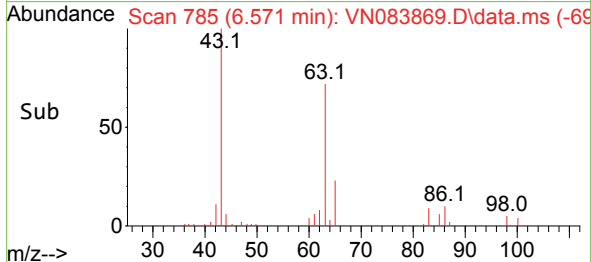
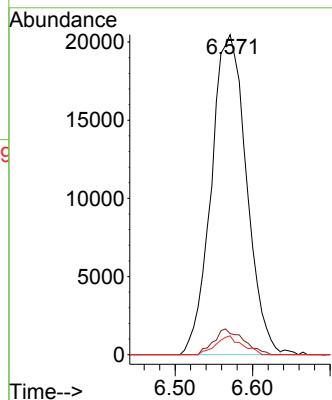
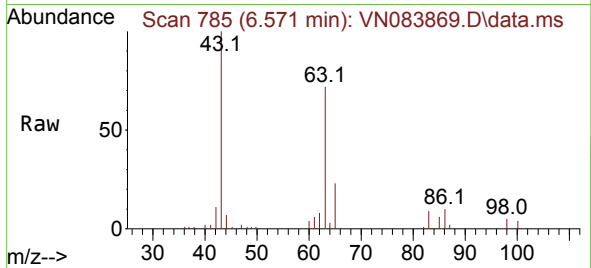
#21
1,1-Dichloroethane
Concen: 19.906 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 64662
Ion Ratio Lower Upper
63 100
98 6.6 4.1 12.3
100 5.9 3.0 9.0

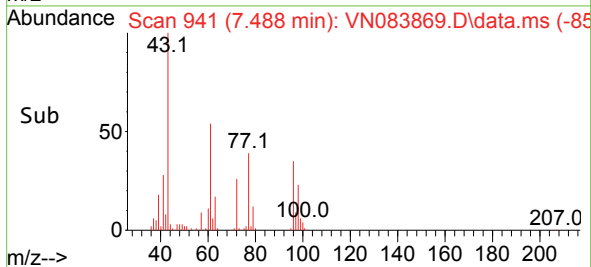
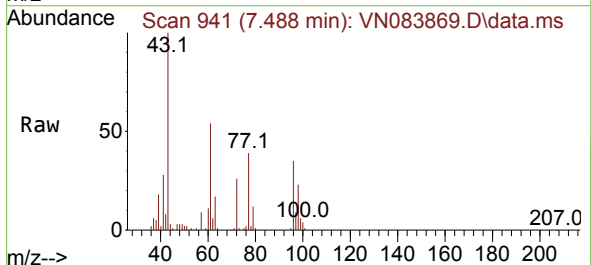
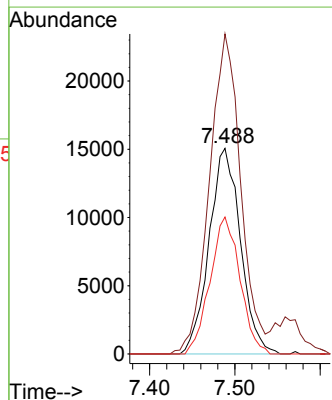
Manual Integrations
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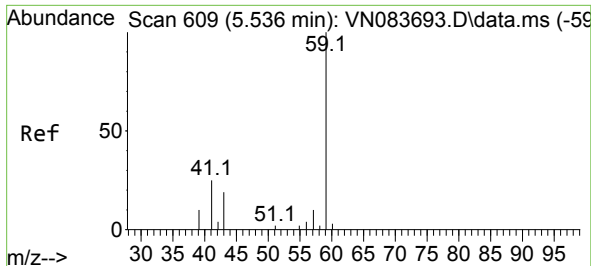
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#22
cis-1,2-Dichloroethene
Concen: 19.013 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Tgt Ion: 96 Resp: 38531
Ion Ratio Lower Upper
96 100
61 154.9 113.5 170.3
98 63.6 52.0 78.0





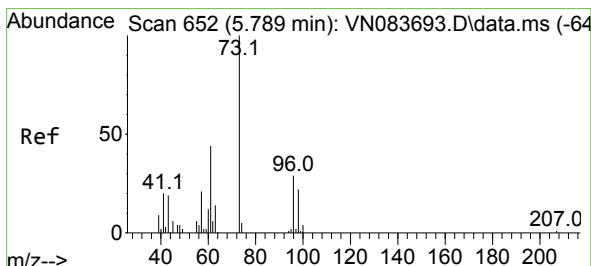
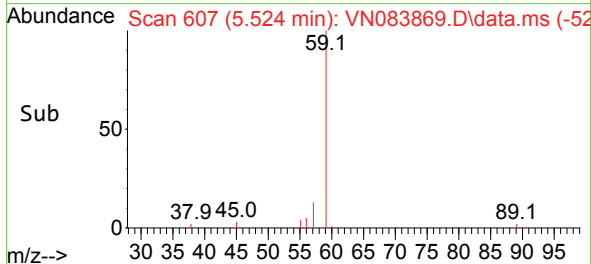
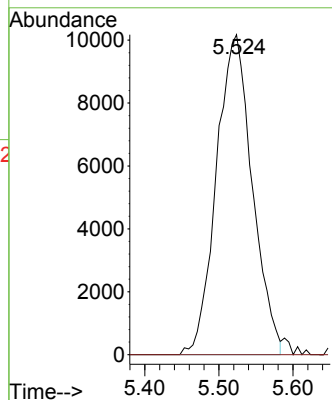
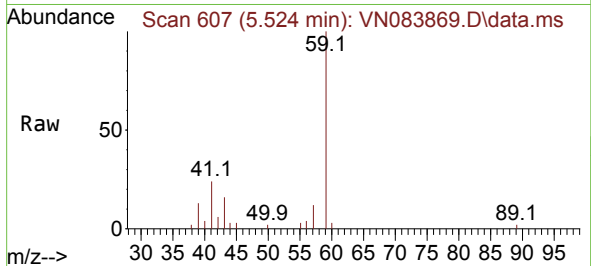
#23
tert-Butyl Alcohol
Concen: 119.118 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 34272
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

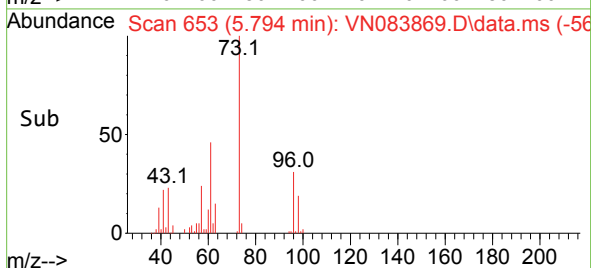
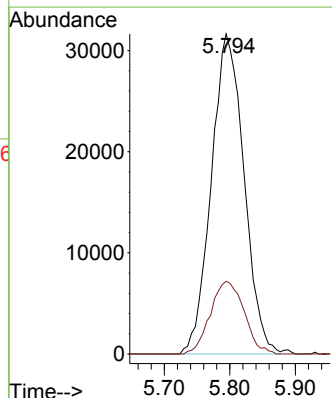
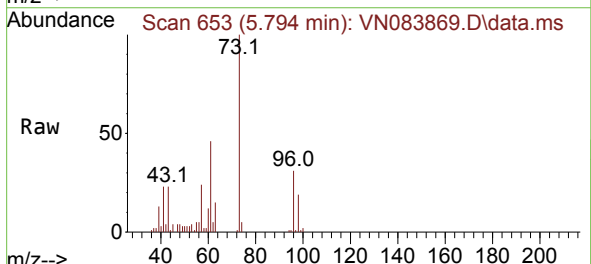
Manual Integrations
APPROVED

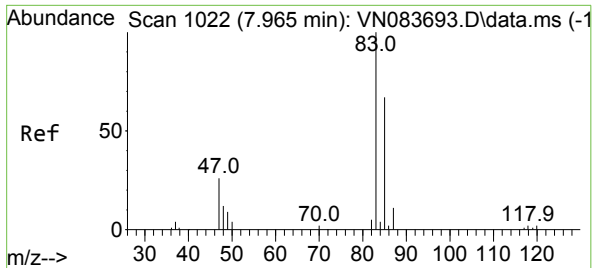
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#24
Methyl tert-Butyl Ether
Concen: 19.154 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

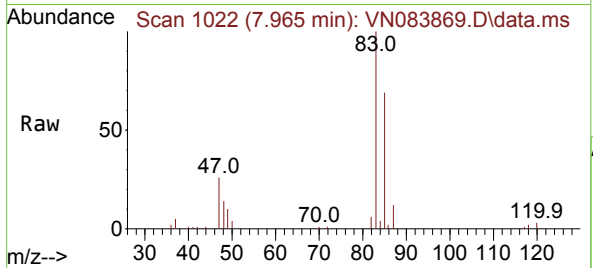
Tgt Ion: 73 Resp: 109347
Ion Ratio Lower Upper
73 100
43 23.5 13.4 20.2#





#25
Chloroform
Concen: 19.623 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

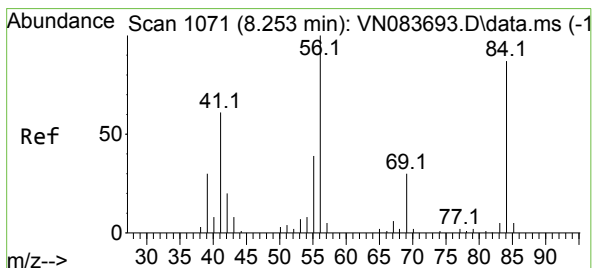
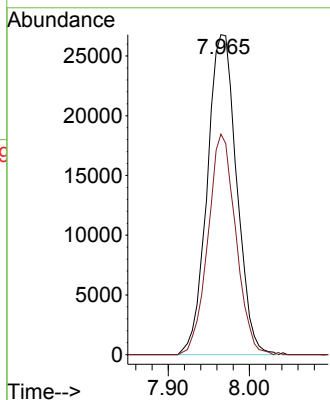
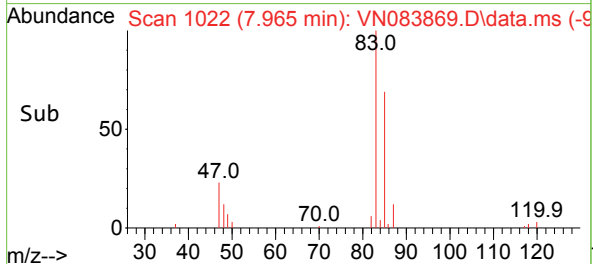
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



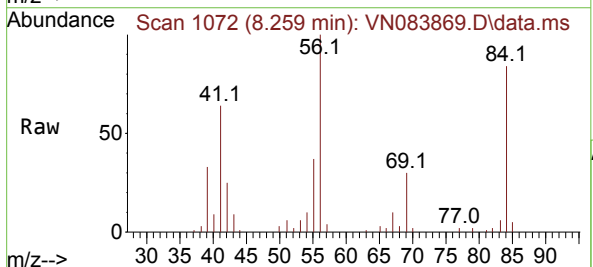
Tgt Ion: 83 Resp: 67550
Ion Ratio Lower Upper
83 100
85 68.9 50.9 76.3

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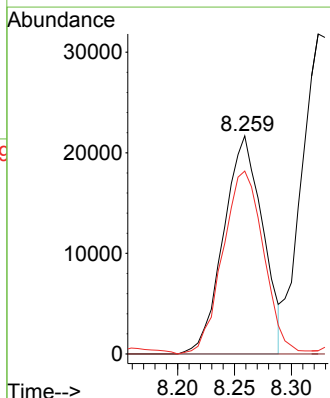
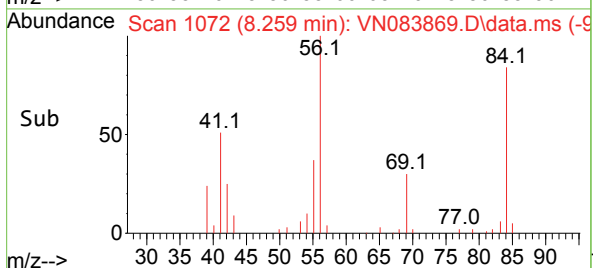
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

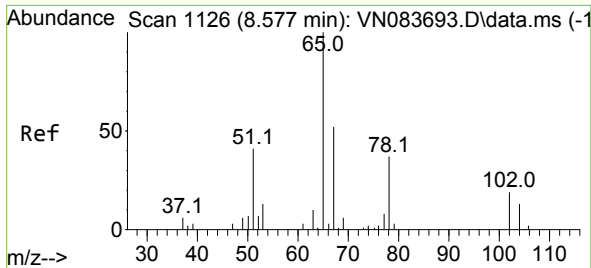


#26
Cyclohexane
Concen: 18.102 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23



Tgt Ion: 56 Resp: 51790
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 87.5 71.3 106.9





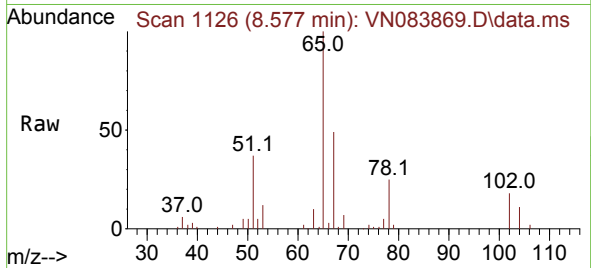
#27
1,2-Dichloroethane-d4
Concen: 31.310 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



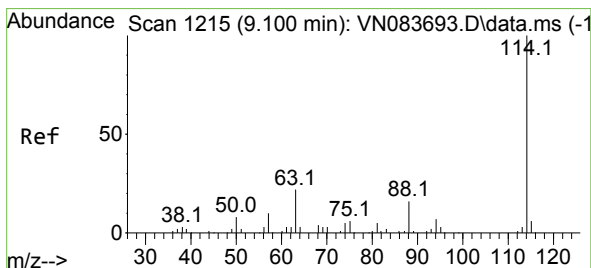
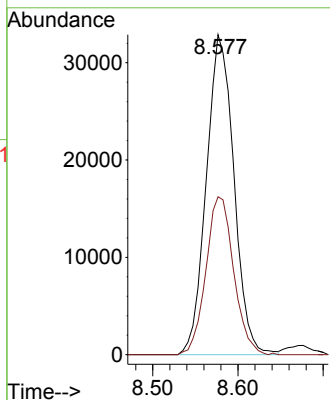
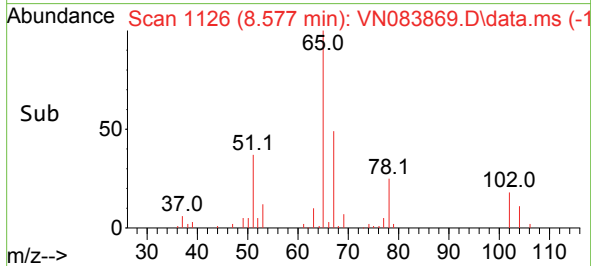
Tgt Ion: 65 Resp: 73975
Ion Ratio Lower Upper
65 100
67 49.6 43.2 64.8

Manual Integrations

APPROVED

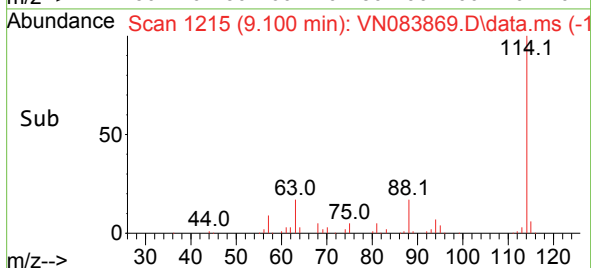
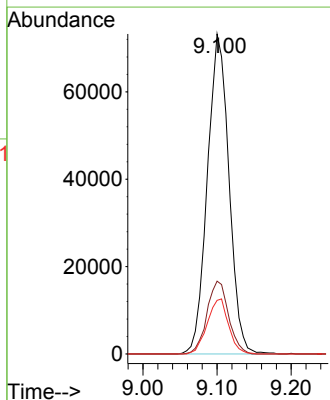
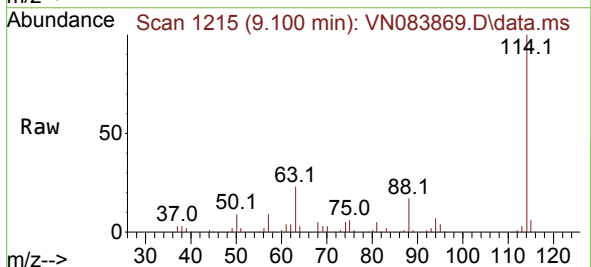
Reviewed By :John Carlone 09/14/2024

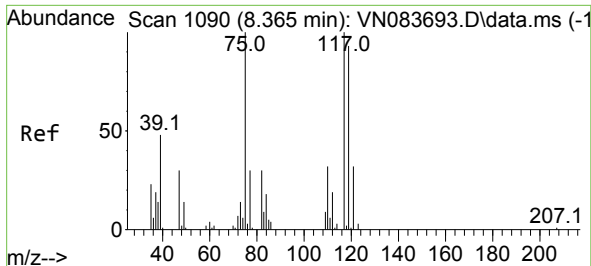
Supervised By :Semsettin Yesilyurt 09/16/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Tgt Ion:114 Resp: 148382
Ion Ratio Lower Upper
114 100
63 22.7 15.9 23.9
88 16.9 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.601 ug/l

RT: 8.377 min Scan# 1090

Delta R.T. 0.012 min

Lab File: VN083869.D

Acq: 13 Sep 2024 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

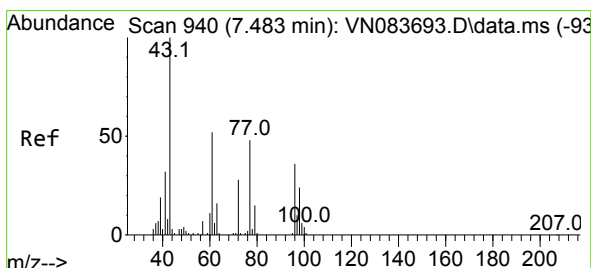
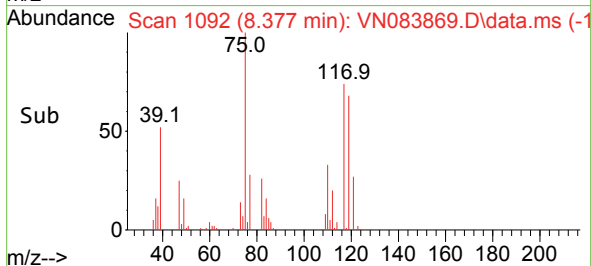
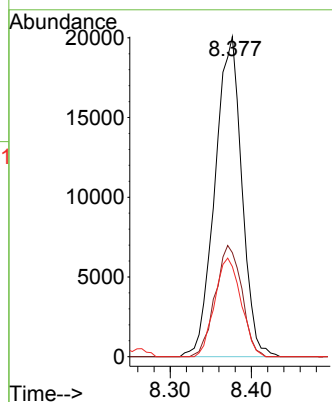
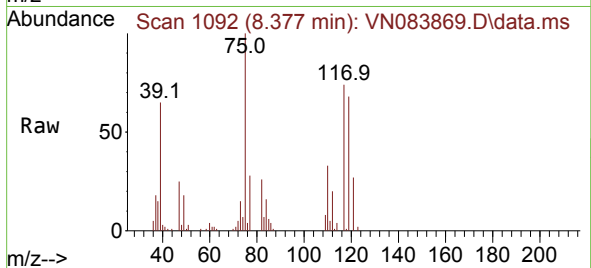
Tgt Ion:	75	Resp:	4613
Ion Ratio	Lower	Upper	
75	100		
110	34.3	0.0	70.2
77	30.3	0.0	61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2024

Supervised By :Semsettin Yesilyurt 09/16/2024



#30

2-Butanone

Concen: 103.165 ug/l

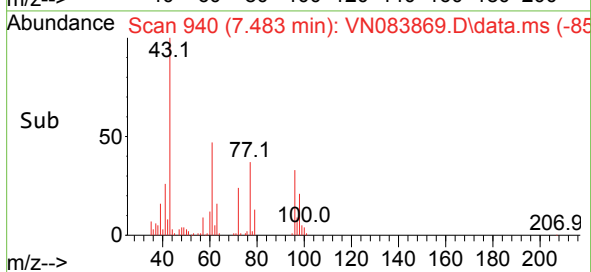
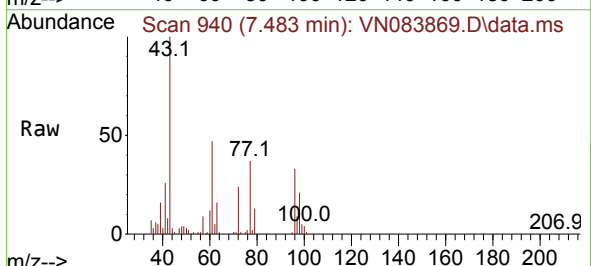
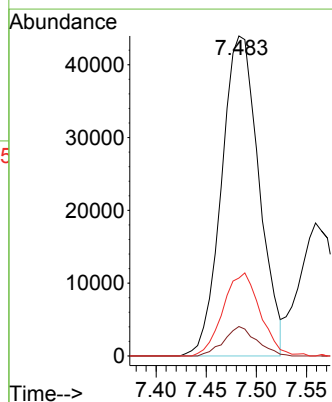
RT: 7.483 min Scan# 940

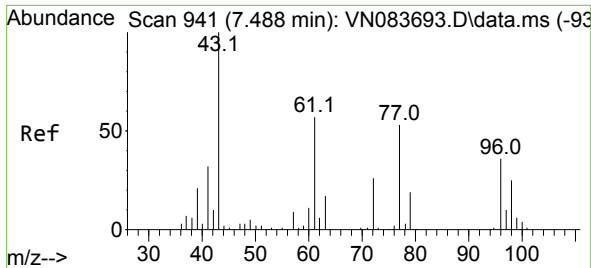
Delta R.T. -0.000 min

Lab File: VN083869.D

Acq: 13 Sep 2024 14:23

Tgt Ion:	43	Resp:	114455
Ion Ratio	Lower	Upper	
43	100		
57	8.0	6.7	10.1
72	25.5	24.0	36.0





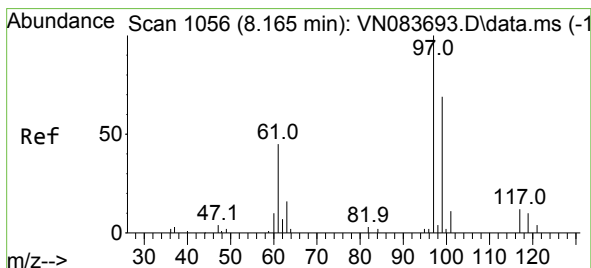
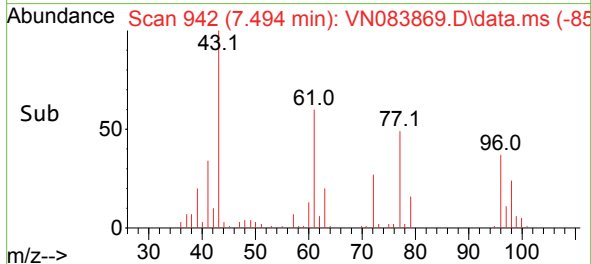
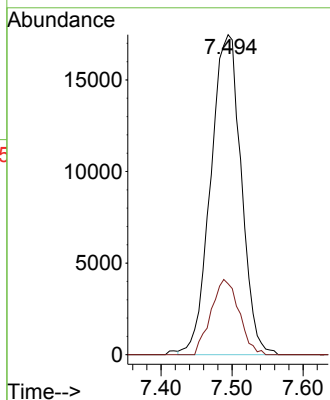
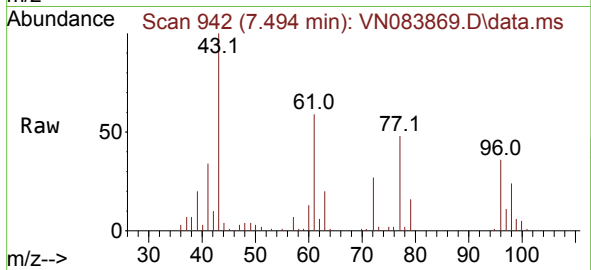
#31
2,2-Dichloropropane
Concen: 17.342 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 5203
Ion Ratio Lower Upper
77 100
97 21.6 18.3 27.5

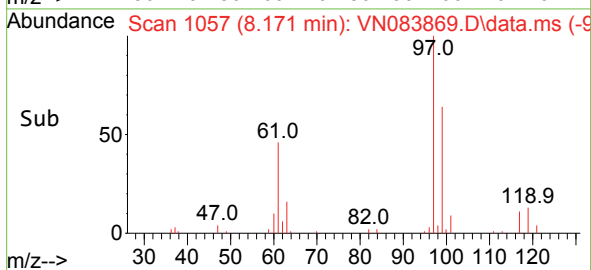
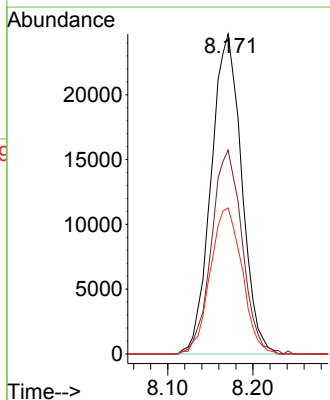
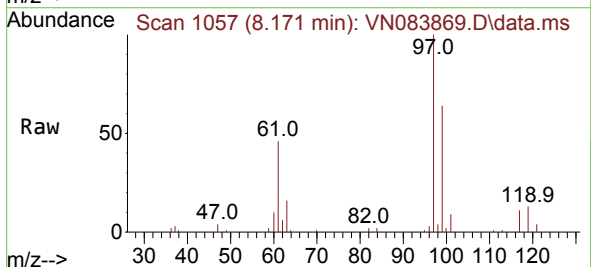
Manual Integrations
APPROVED

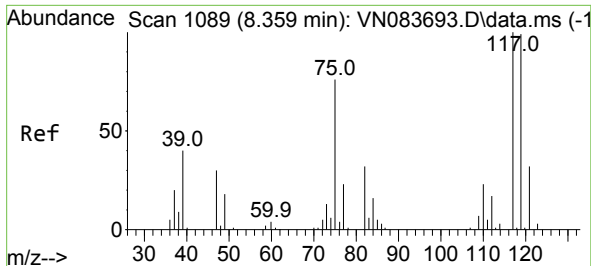
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#32
1,1,1-Trichloroethane
Concen: 19.536 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

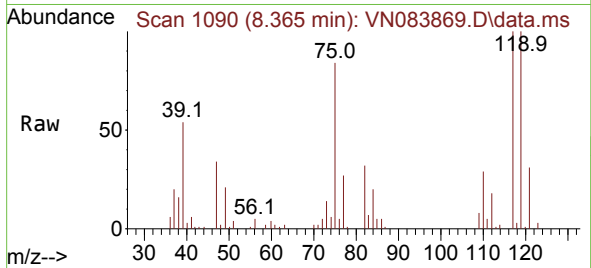
Tgt Ion: 97 Resp: 61405
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 47.6 33.8 50.8





#33
Carbon Tetrachloride
Concen: 19.413 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

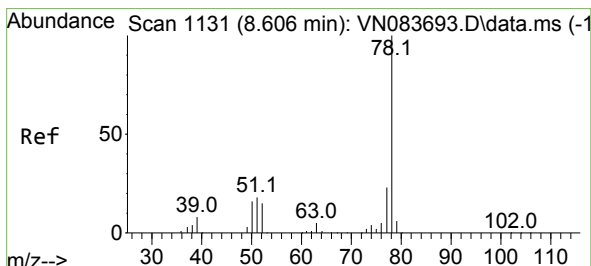
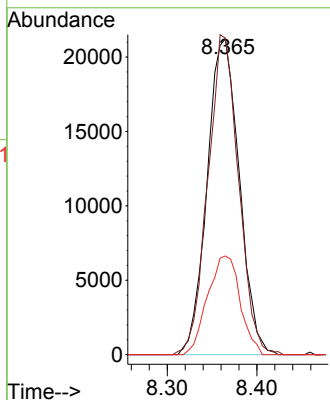
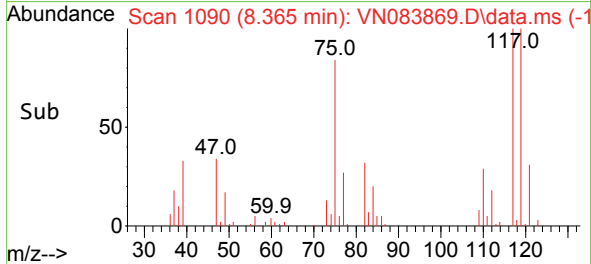
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 5284
Ion Ratio Lower Upper
117 100
119 99.2 77.7 116.5
121 31.2 27.0 40.6

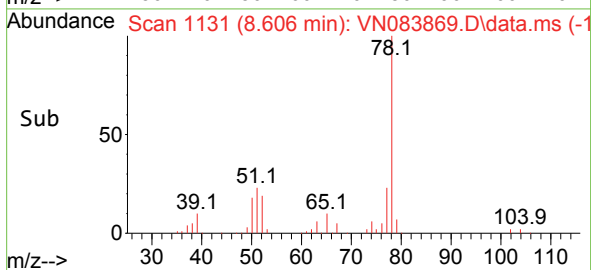
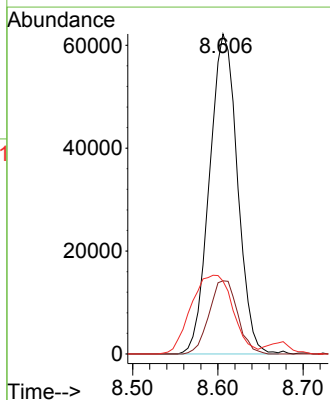
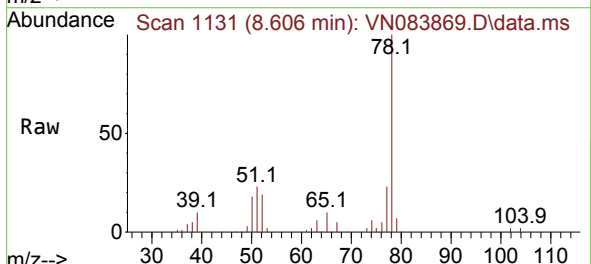
Manual Integrations
APPROVED

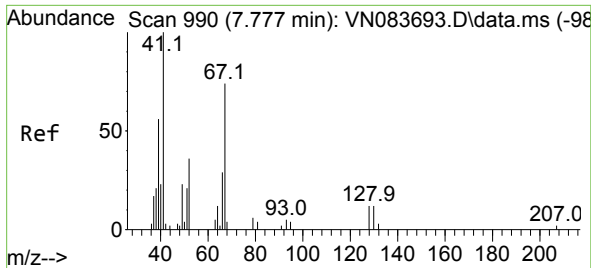
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#34
Benzene
Concen: 20.086 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

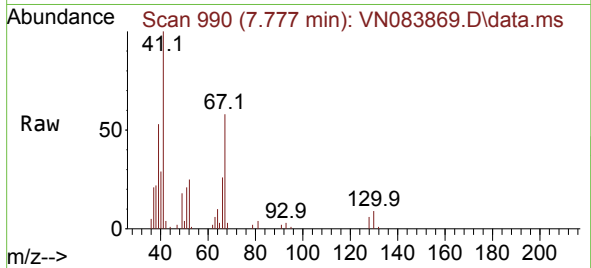
Tgt Ion: 78 Resp: 141840
Ion Ratio Lower Upper
78 100
77 22.8 19.2 28.8
51 19.3 13.3 19.9





#35
Methacrylonitrile
Concen: 21.152 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

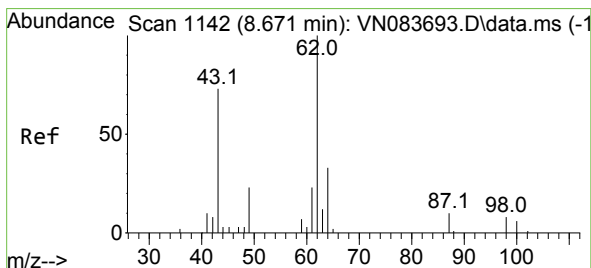
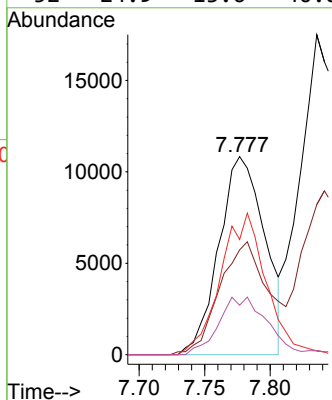
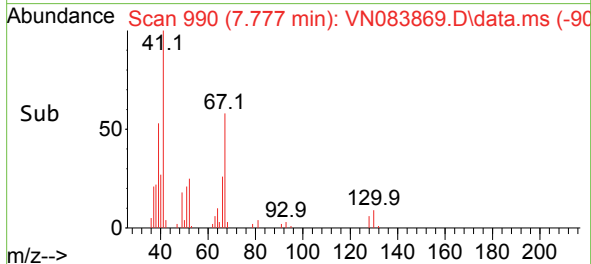
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 26380
Ion Ratio Lower Upper
41 100
39 51.5 25.3 75.9
67 58.2 38.7 116.1
52 24.9 13.6 40.8

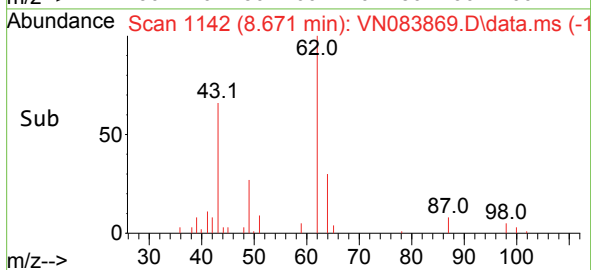
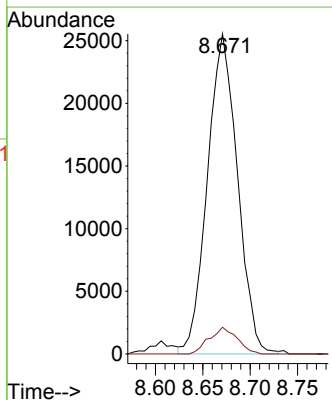
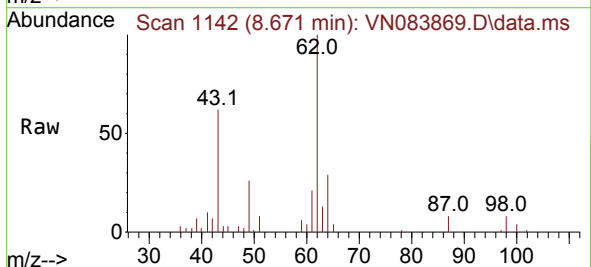
Manual Integrations
APPROVED

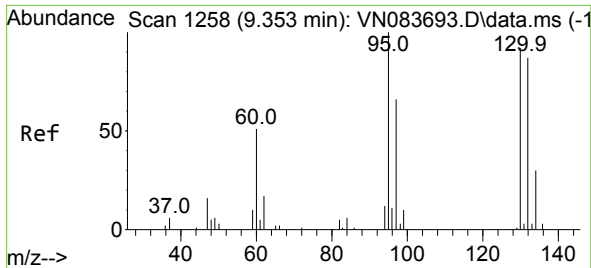
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#36
1,2-Dichloroethane
Concen: 21.235 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

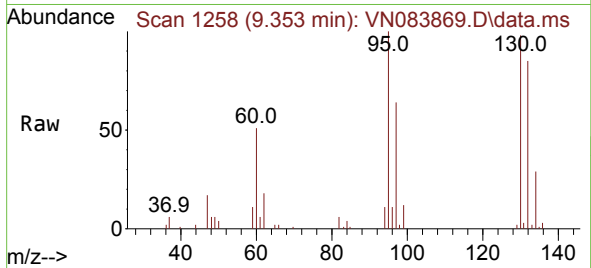
Tgt Ion: 62 Resp: 56374
Ion Ratio Lower Upper
62 100
98 7.7 8.2 12.4#





#37
Trichloroethene
Concen: 19.692 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

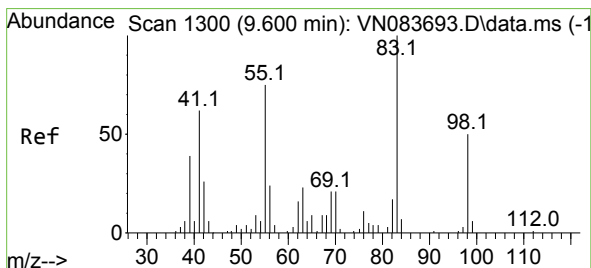
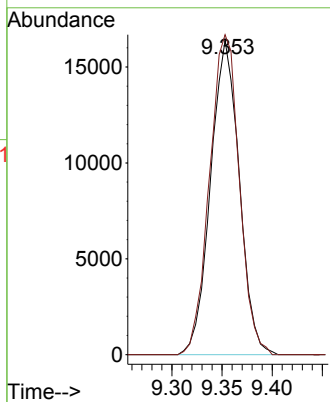
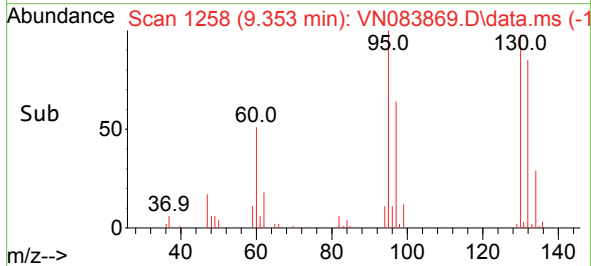
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:130 Resp: 32654
Ion Ratio Lower Upper
130 100
95 101.8 80.2 120.4

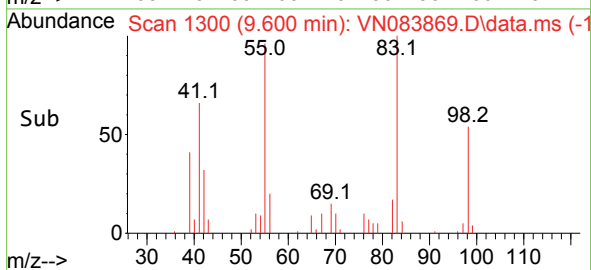
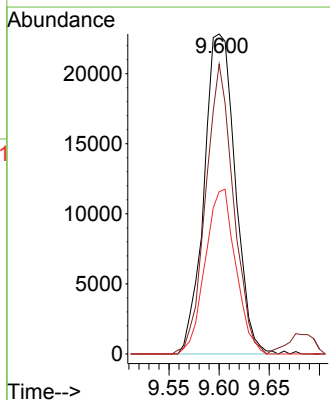
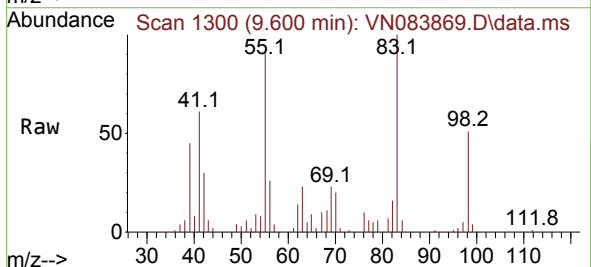
Manual Integrations
APPROVED

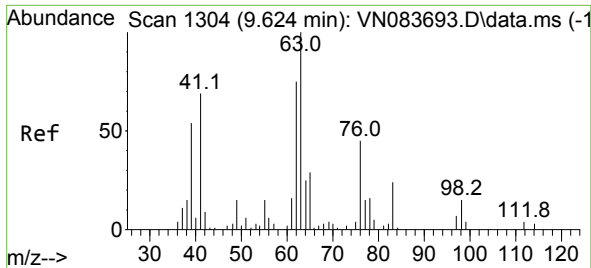
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#38
Methylcyclohexane
Concen: 17.500 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Tgt Ion: 83 Resp: 49311
Ion Ratio Lower Upper
83 100
55 80.7 36.6 109.9
98 50.4 23.8 71.5





#39

1,2-Dichloropropane

Concen: 20.080 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083869.D

Acq: 13 Sep 2024 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 3412

Ion Ratio Lower Upper

63 100

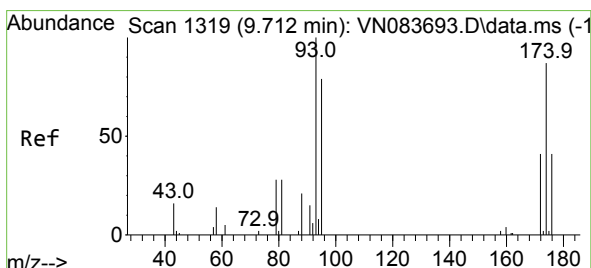
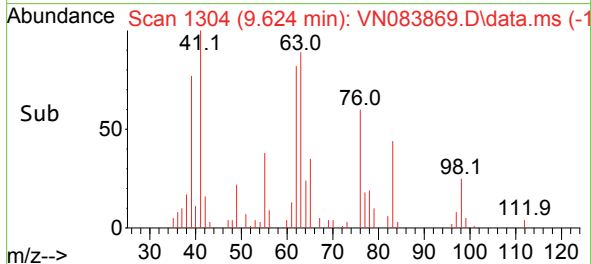
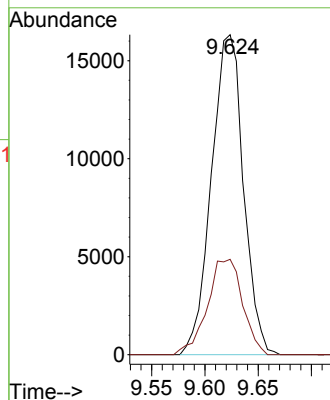
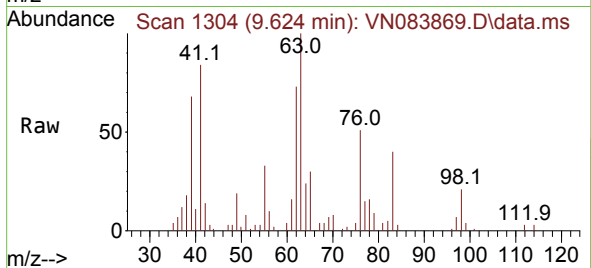
65 29.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2024

Supervised By :Semsettin Yesilyurt 09/16/2024



#40

Dibromomethane

Concen: 19.735 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083869.D

Acq: 13 Sep 2024 14:23

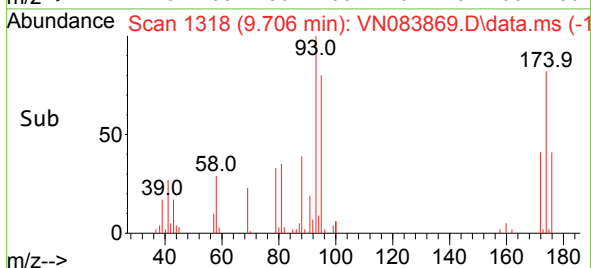
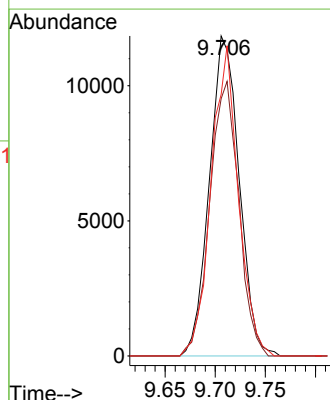
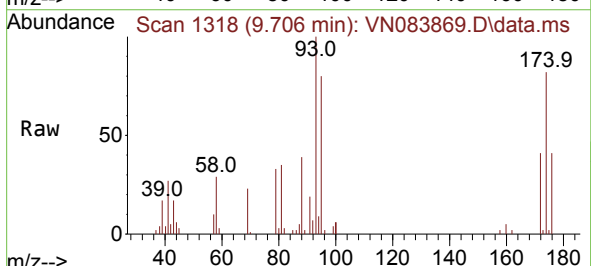
Tgt Ion: 93 Resp: 24525

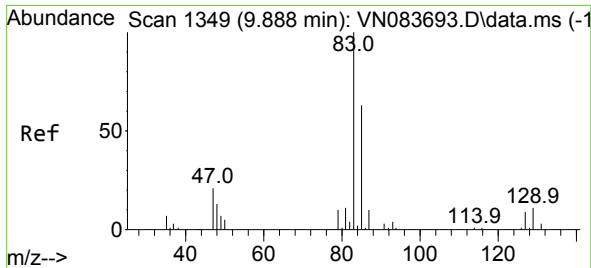
Ion Ratio Lower Upper

93 100

95 83.5 0.0 164.6

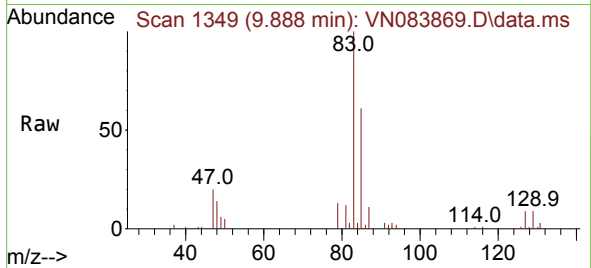
174 88.6 0.0 193.2





#41
Bromodichloromethane
Concen: 20.215 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

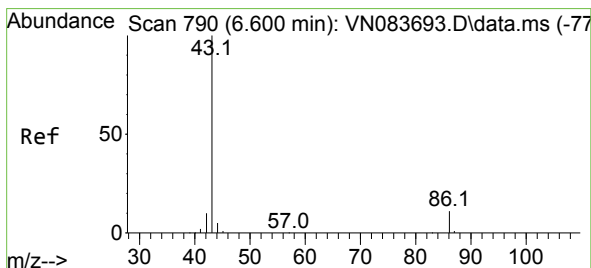
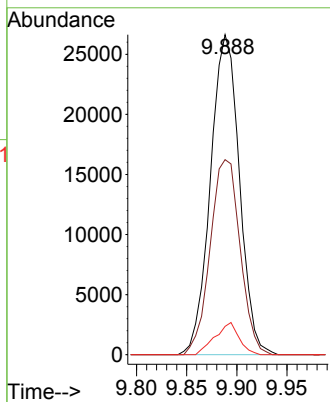
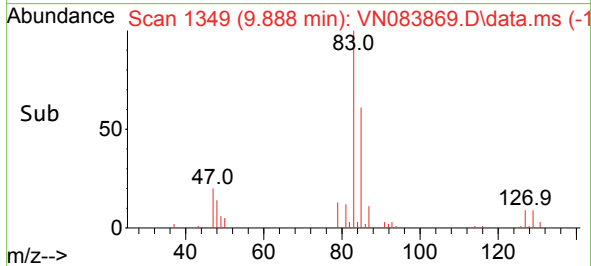
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 53420
Ion Ratio Lower Upper
83 100
85 60.9 49.4 74.2
127 8.9 7.3 10.9

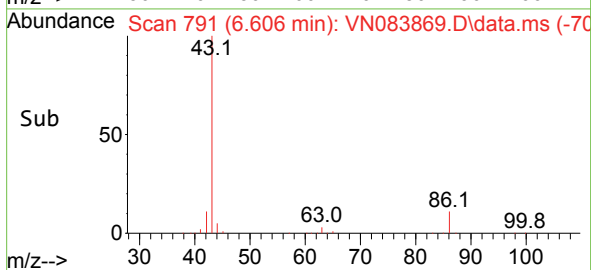
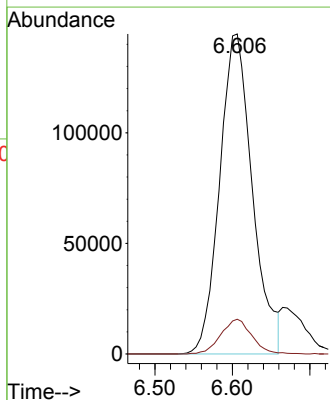
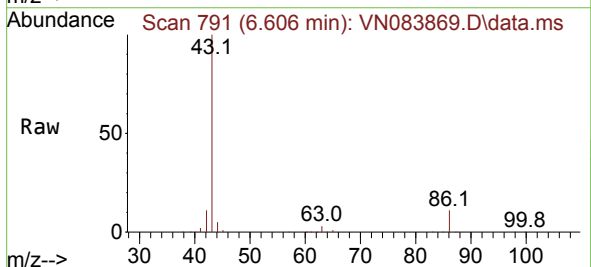
Manual Integrations
APPROVED

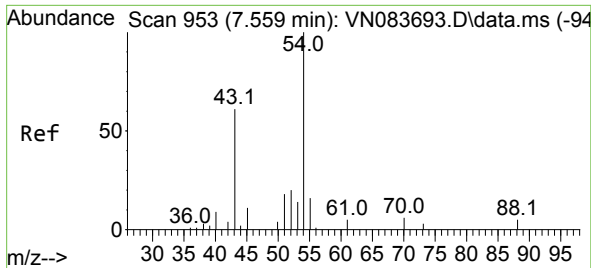
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#42
Vinyl Acetate
Concen: 93.451 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

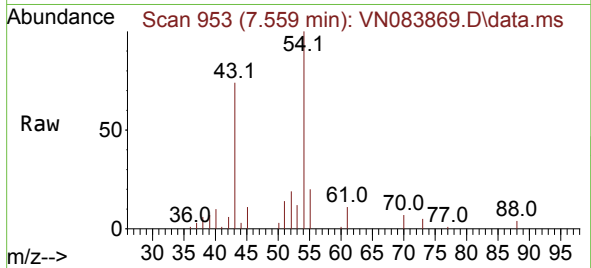
Tgt Ion: 43 Resp: 426268
Ion Ratio Lower Upper
43 100
86 10.2 9.4 14.2





#43
Ethyl Acetate
Concen: 19.967 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

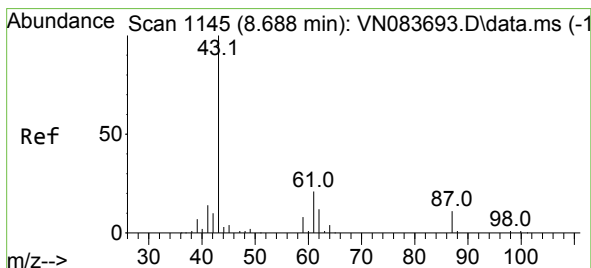
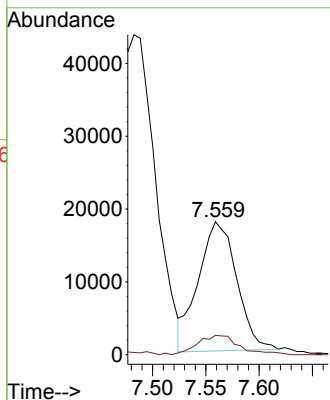
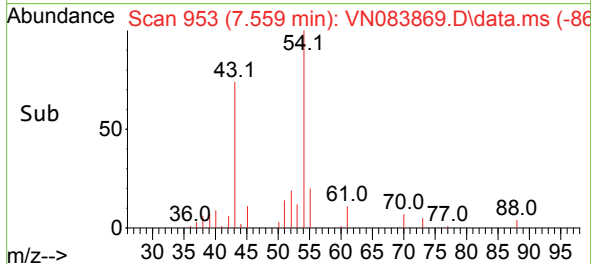
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 44588
Ion Ratio Lower Upper
43 100
45 14.9 10.6 15.8

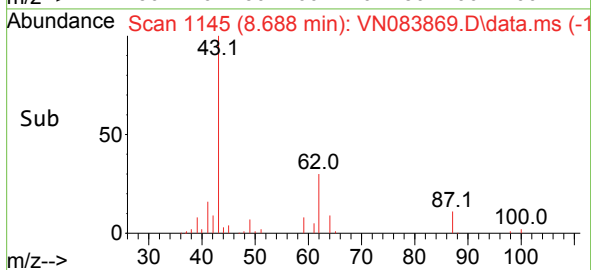
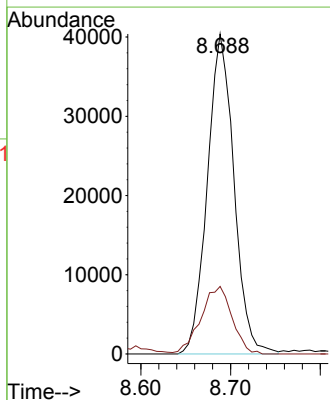
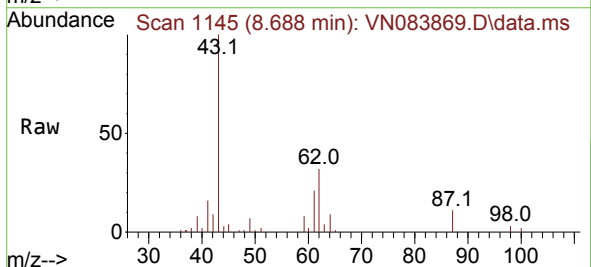
Manual Integrations
APPROVED

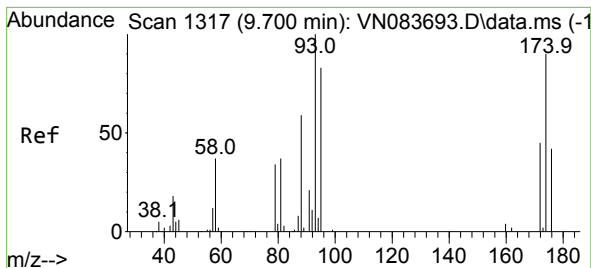
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#44
Isopropyl Acetate
Concen: 21.542 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

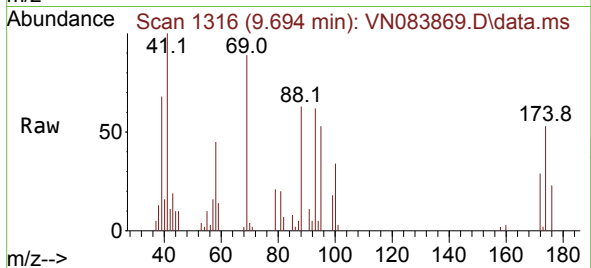
Tgt Ion: 43 Resp: 83200
Ion Ratio Lower Upper
43 100
61 24.6 25.0 37.4#





#45
1,4-Dioxane
Concen: 458.898 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

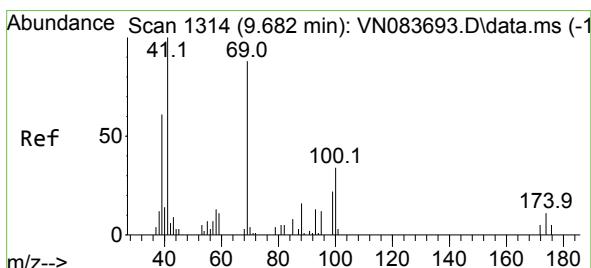
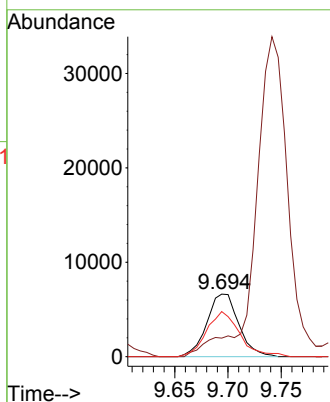
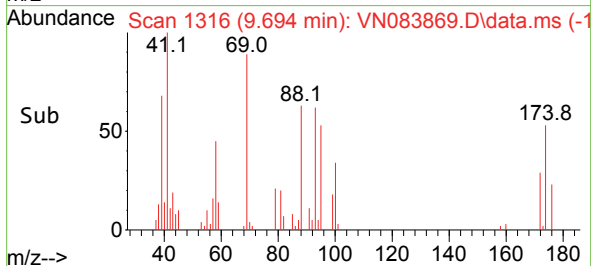
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 13824
Ion Ratio Lower Upper
88 100
43 31.9 19.8 29.6
58 74.1 55.4 83.0

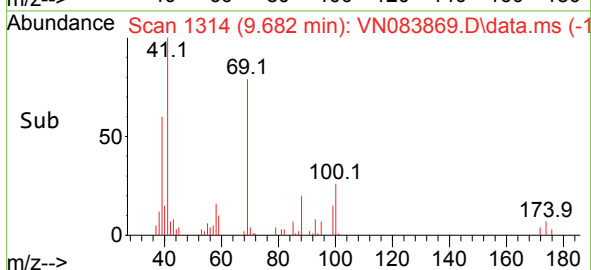
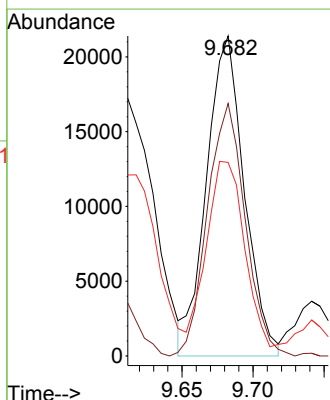
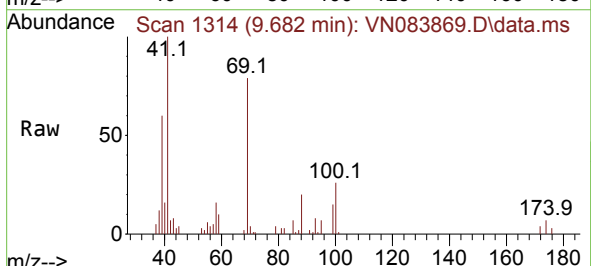
Manual Integrations
APPROVED

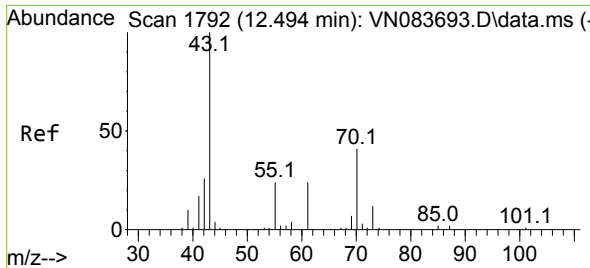
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#46
Methyl methacrylate
Concen: 21.186 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

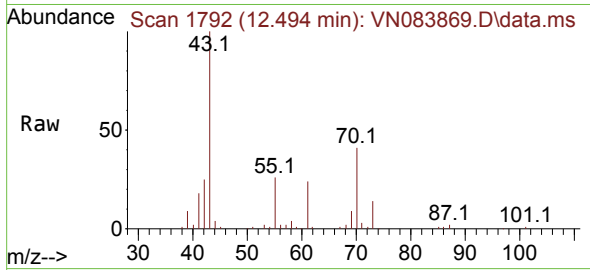
Tgt Ion: 41 Resp: 39606
Ion Ratio Lower Upper
41 100
69 80.8 51.1 153.3
39 59.1 25.8 77.3





#47
n-amyl acetate
Concen: 20.803 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

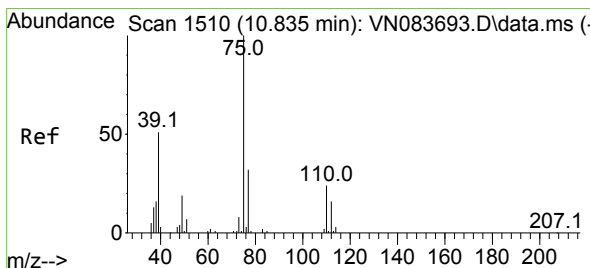
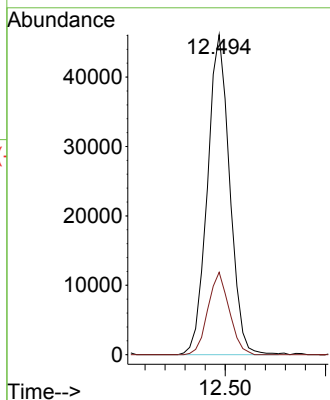
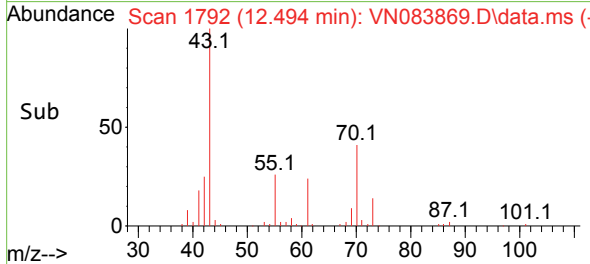
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 7117
Ion Ratio Lower Upper
43 100
55 24.6 23.4 35.2

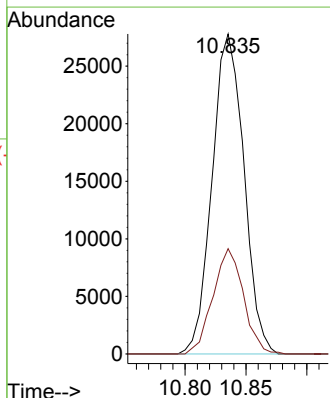
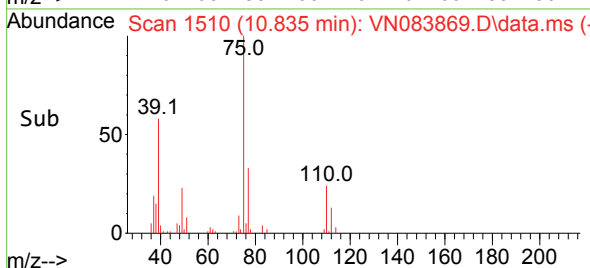
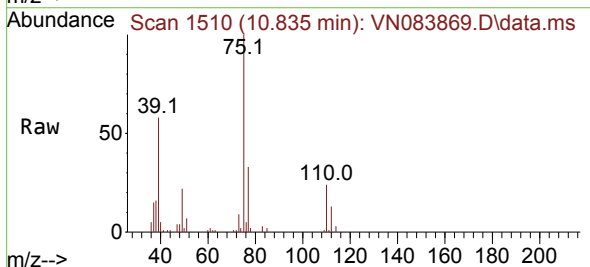
Manual Integrations
APPROVED

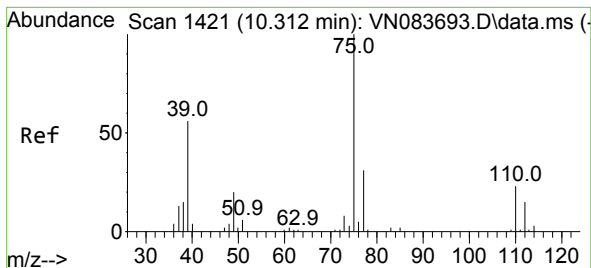
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#48
t-1,3-Dichloropropene
Concen: 18.192 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Tgt Ion: 75 Resp: 50568
Ion Ratio Lower Upper
75 100
77 32.9 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 18.608 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN083869.D

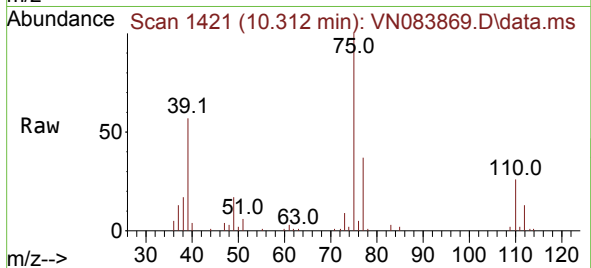
Acq: 13 Sep 2024 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 5379

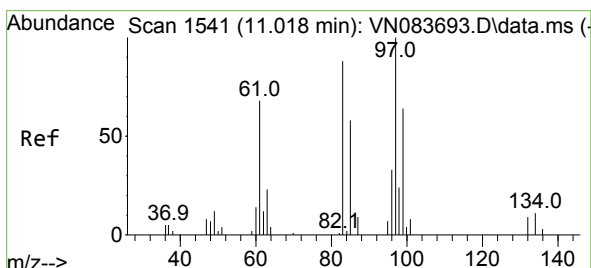
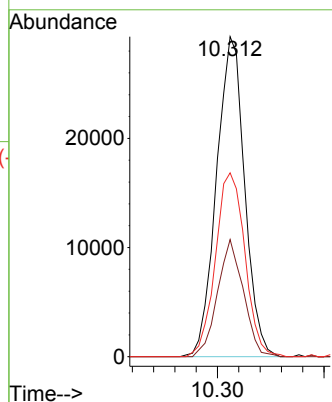
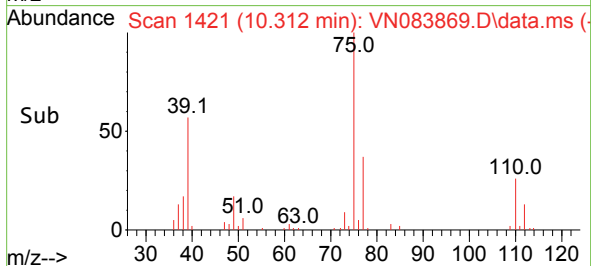
Ion	Ratio	Lower	Upper
75	100		
77	36.6	24.9	37.3
39	57.4	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2024

Supervised By :Semsettin Yesilyurt 09/16/2024



#50

1,1,2-Trichloroethane

Concen: 20.762 ug/l

RT: 11.018 min Scan# 1541

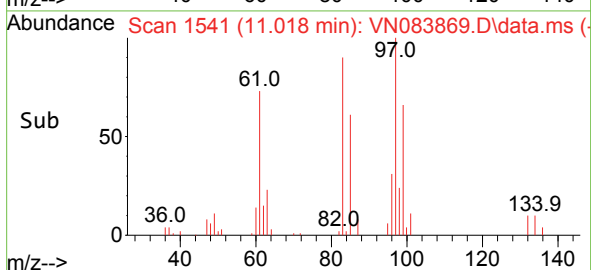
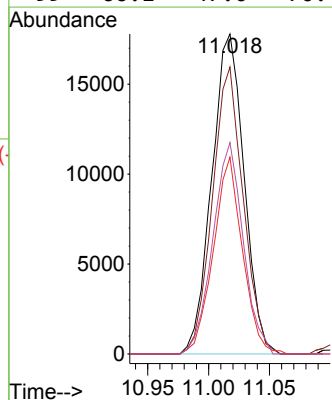
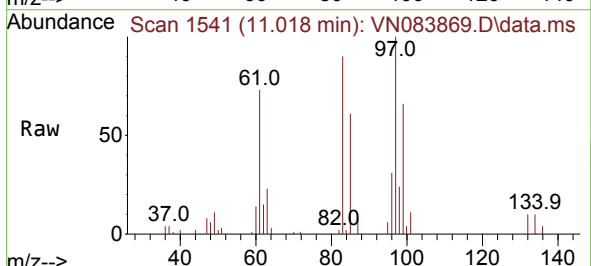
Delta R.T. -0.000 min

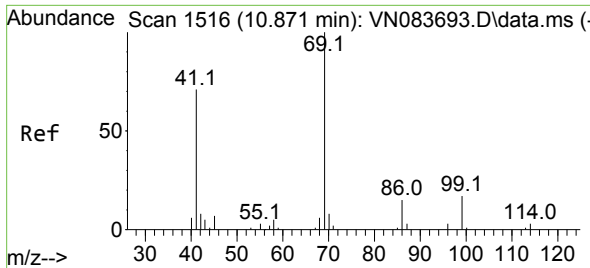
Lab File: VN083869.D

Acq: 13 Sep 2024 14:23

Tgt Ion: 97 Resp: 32830

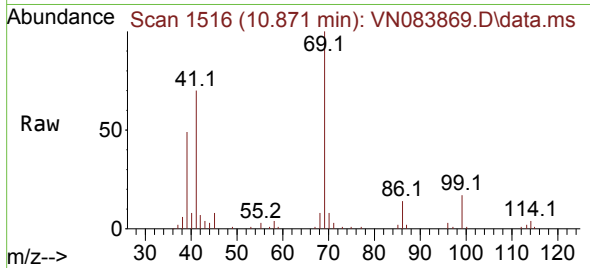
Ion	Ratio	Lower	Upper
97	100		
83	89.7	68.1	102.1
85	61.5	41.8	62.6
99	66.1	47.0	70.4





#51
Ethyl methacrylate
Concen: 19.769 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

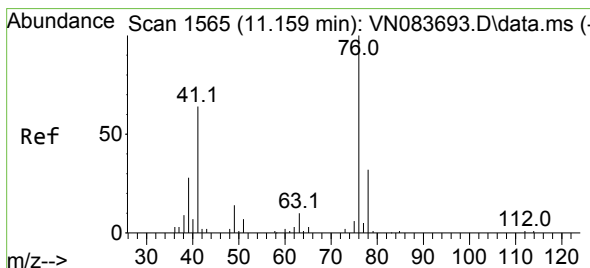
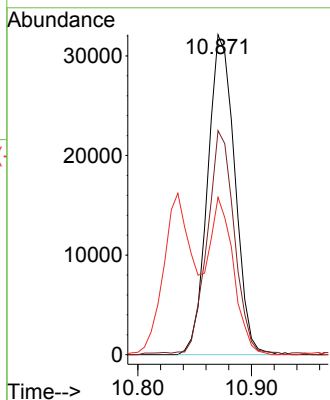
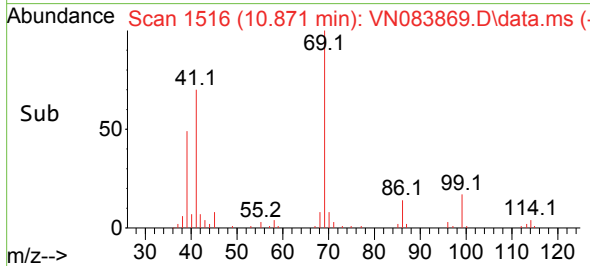
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 53400
Ion Ratio Lower Upper
69 100
41 69.3 25.5 76.5
39 49.1 16.0 47.9

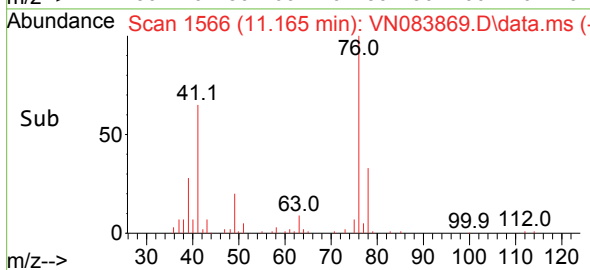
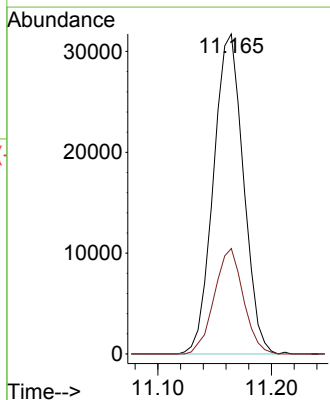
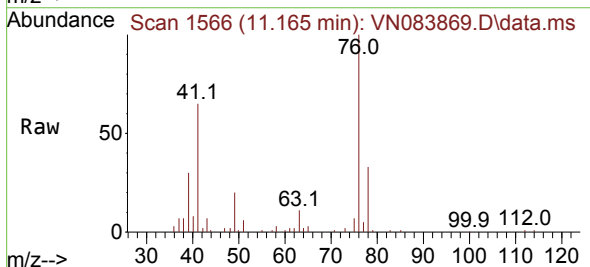
Manual Integrations
APPROVED

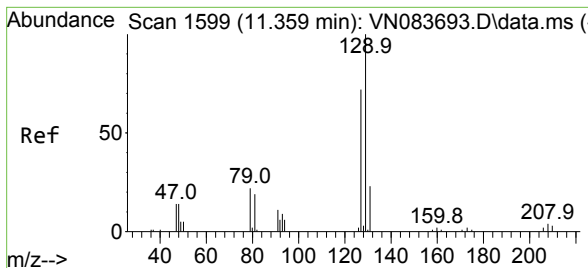
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#52
1,3-Dichloropropane
Concen: 20.372 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

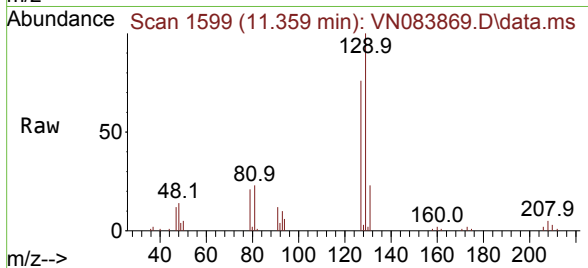
Tgt Ion: 76 Resp: 58174
Ion Ratio Lower Upper
76 100
78 31.9 0.0 65.8





#53
Dibromochloromethane
Concen: 19.814 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

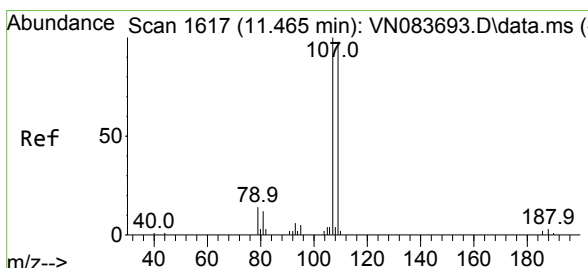
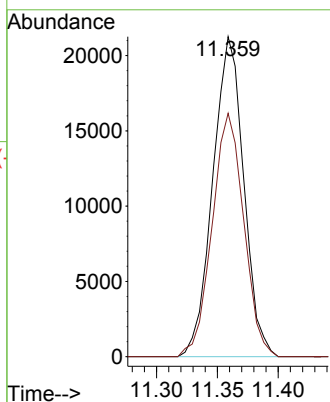
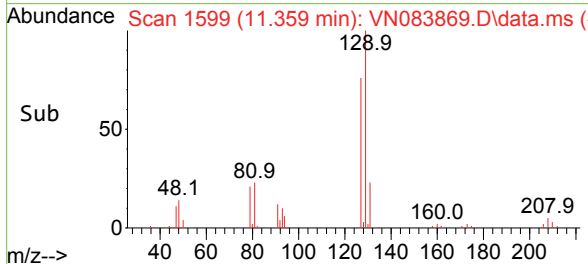
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



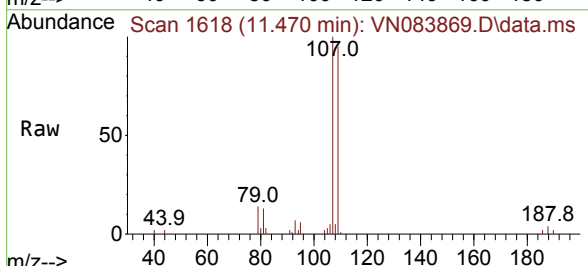
Tgt Ion:129 Resp: 37580
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.1

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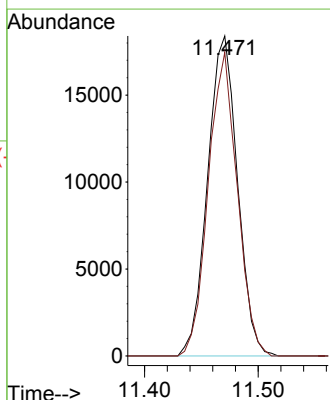
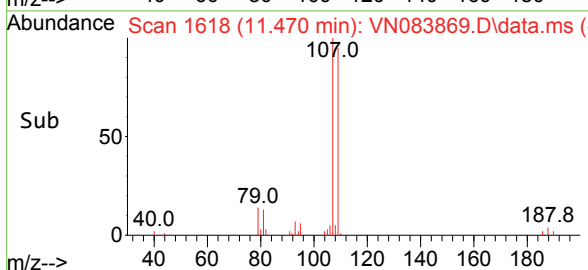
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

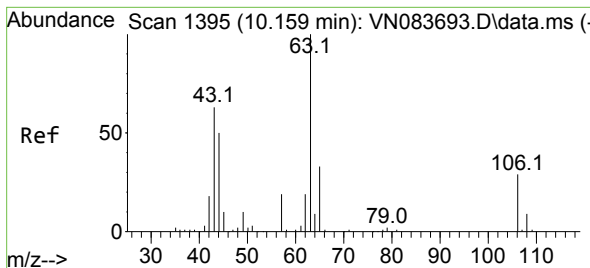


#54
1,2-Dibromoethane
Concen: 20.577 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23



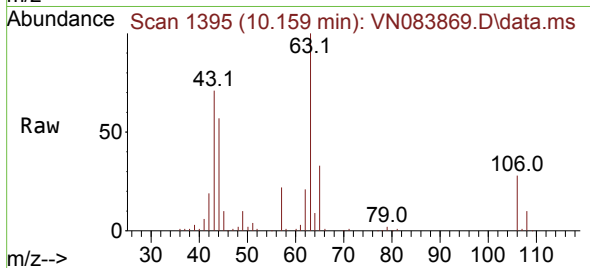
Tgt Ion:107 Resp: 33661
Ion Ratio Lower Upper
107 100
109 91.9 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 108.489 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

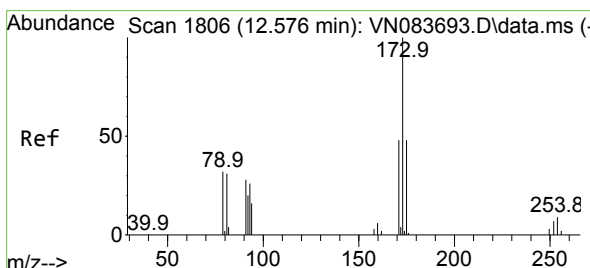
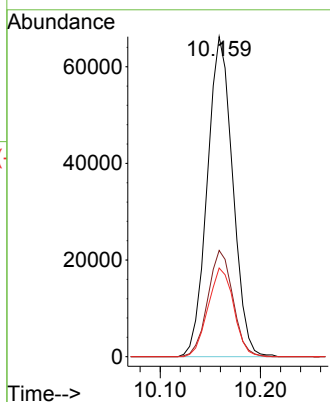
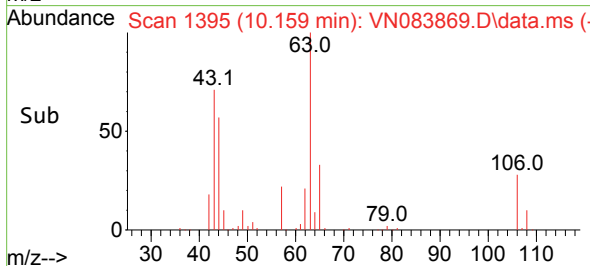
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 116804
Ion Ratio Lower Upper
63 100
65 32.7 26.2 39.2
106 27.9 23.8 35.8

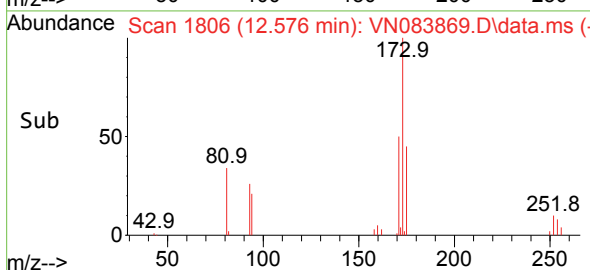
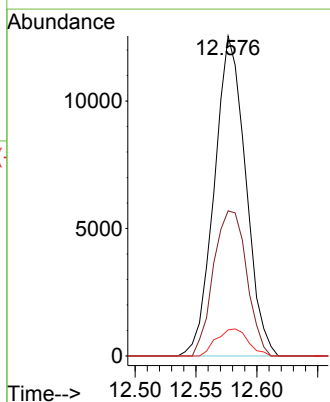
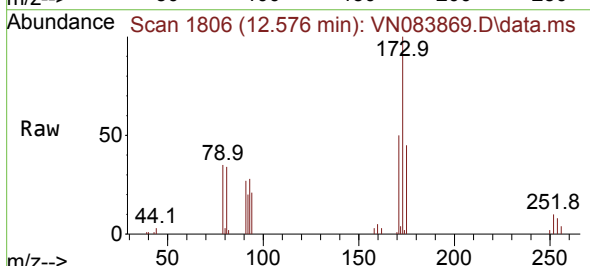
Manual Integrations
APPROVED

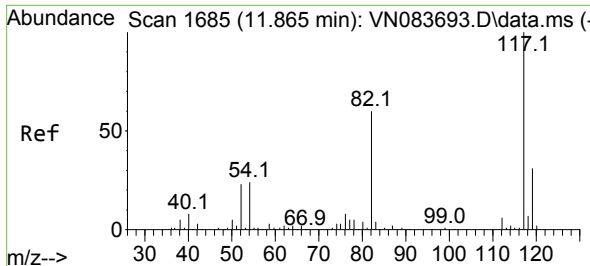
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#56
Bromoform
Concen: 18.609 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

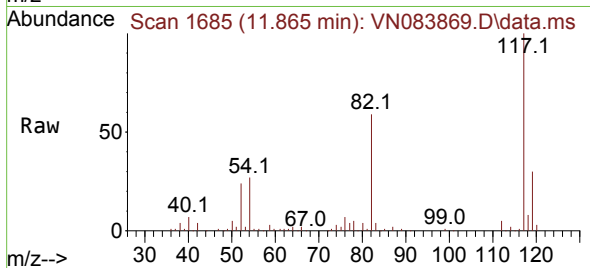
Tgt Ion:173 Resp: 22423
Ion Ratio Lower Upper
173 100
175 48.1 40.0 60.0
254 8.5 8.3 12.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

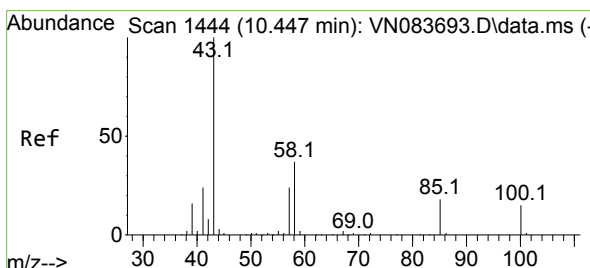
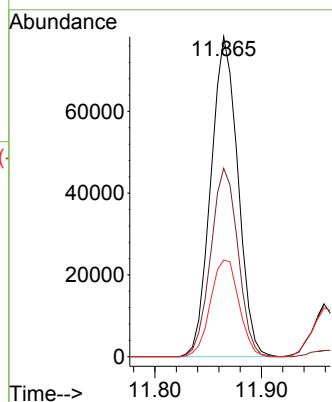
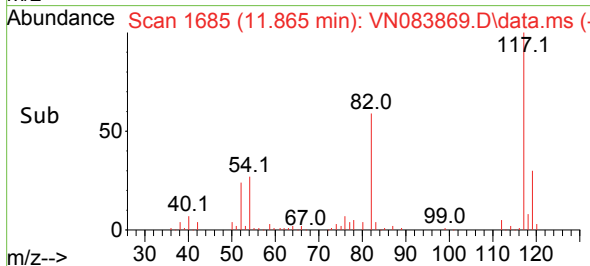
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



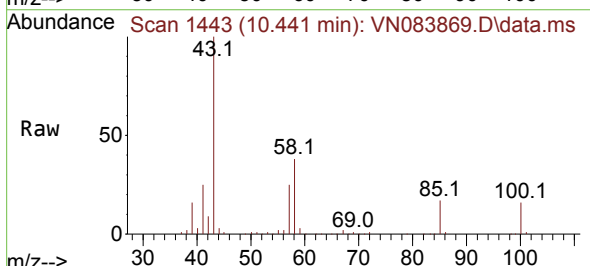
Tgt Ion:117 Resp: 13816
Ion Ratio Lower Upper
117 100
82 59.3 46.6 69.8
119 31.9 25.4 38.2

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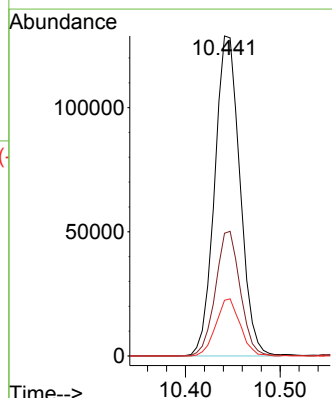
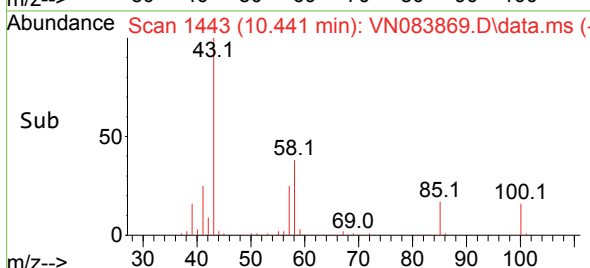
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

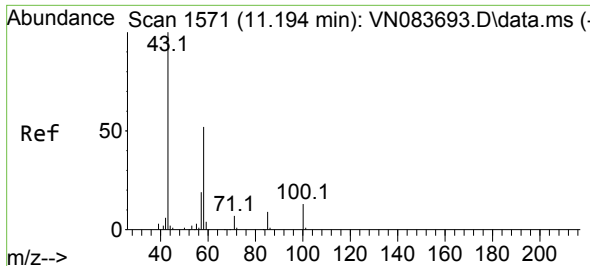


#58
4-Methyl-2-Pentanone
Concen: 109.231 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23



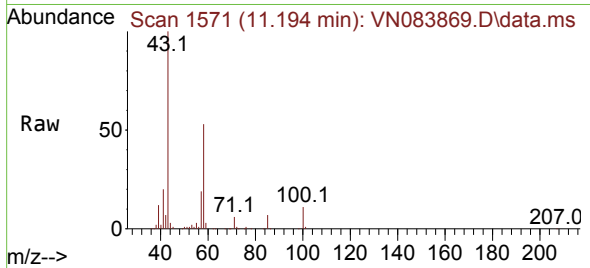
Tgt Ion: 43 Resp: 239303
Ion Ratio Lower Upper
43 100
58 38.2 36.5 54.7
85 17.2 19.5 29.3#





#59
2-Hexanone
Concen: 105.079 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

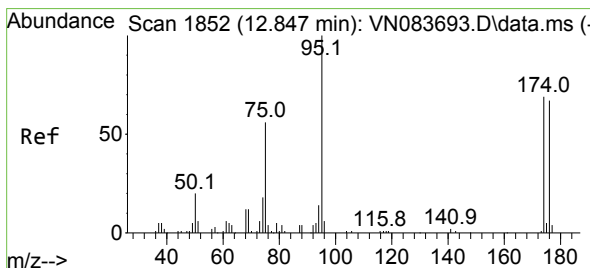
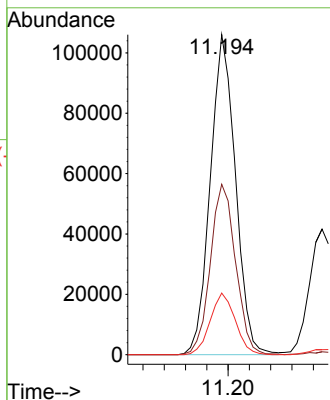
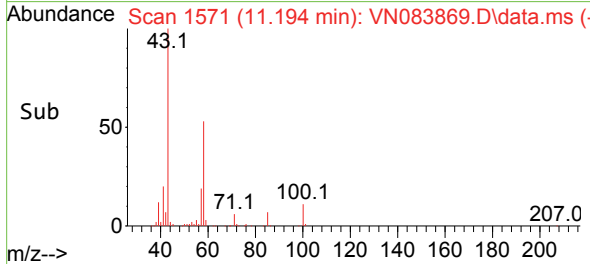
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 173948
Ion Ratio Lower Upper
43 100
58 53.4 50.4 75.6
57 19.2 18.6 27.8

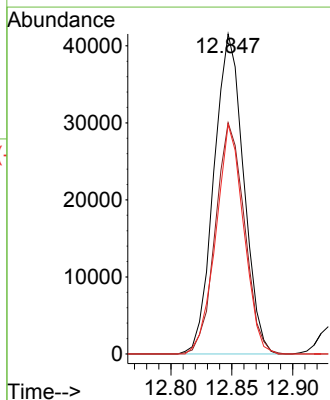
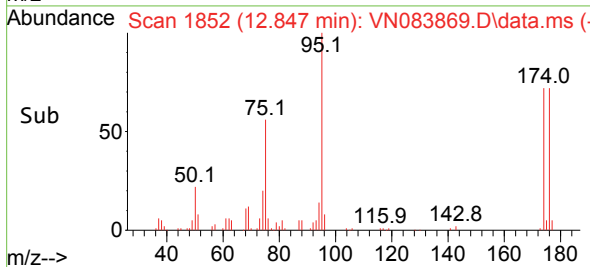
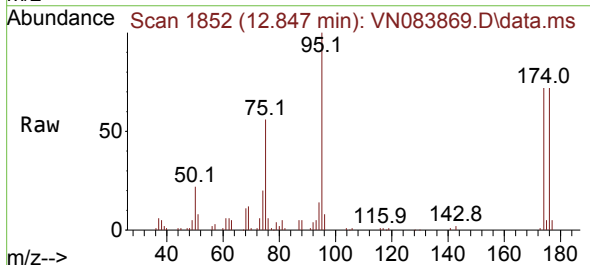
Manual Integrations
APPROVED

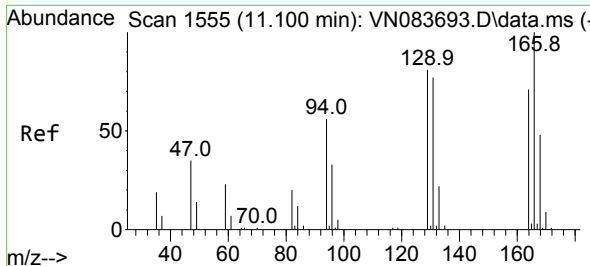
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#60
4-Bromofluorobenzene
Concen: 29.577 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

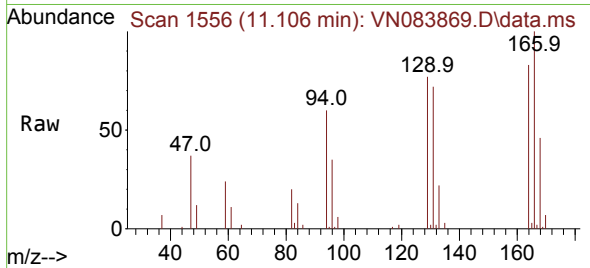
Tgt Ion: 95 Resp: 70431
Ion Ratio Lower Upper
95 100
174 70.7 60.5 90.7
176 67.1 57.8 86.6





#61
Tetrachloroethene
Concen: 19.547 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

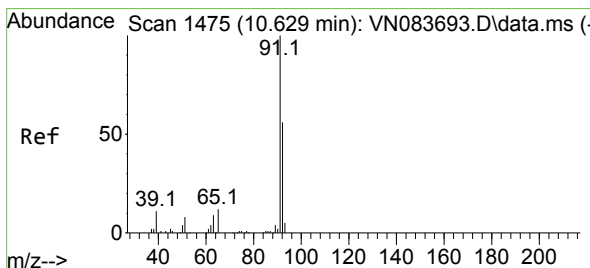
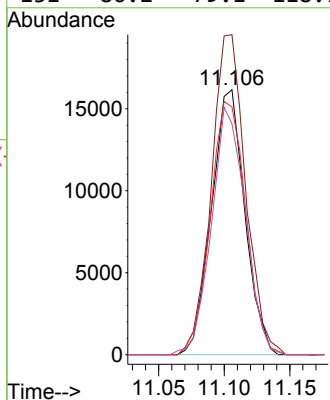
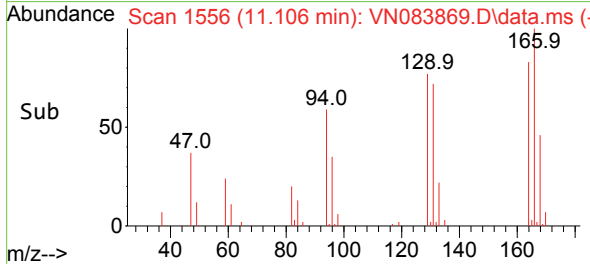
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 2858
Ion Ratio Lower Upper
164 100
166 120.8 106.7 160.1
129 93.5 85.8 128.6
131 86.2 79.1 118.7

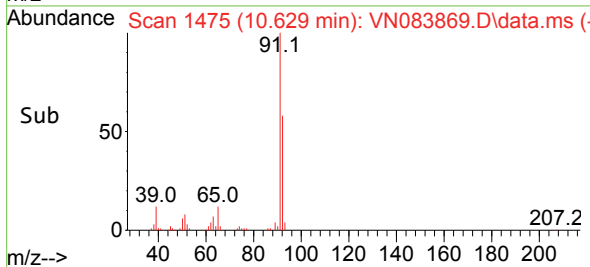
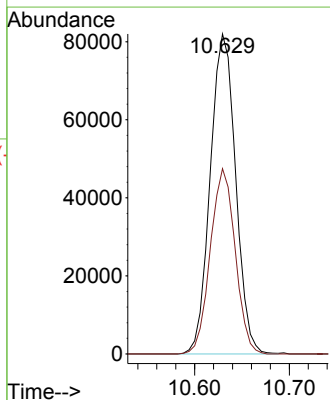
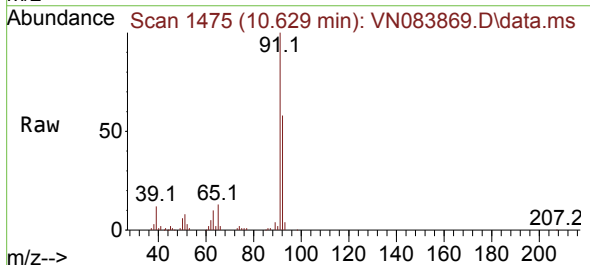
Manual Integrations
APPROVED

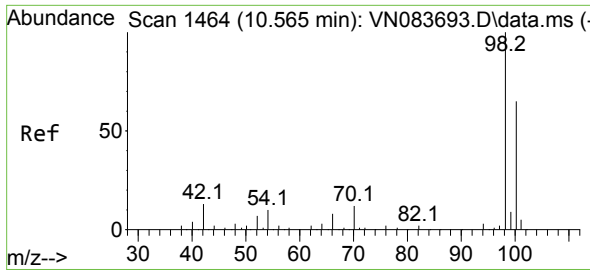
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#62
Toluene
Concen: 19.213 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

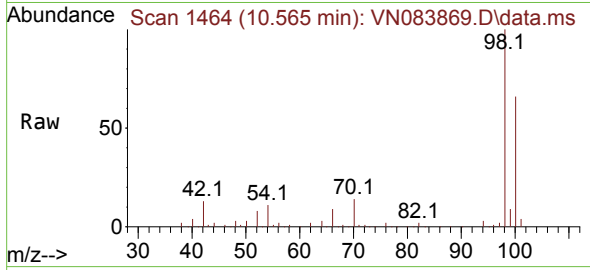
Tgt Ion: 91 Resp: 152580
Ion Ratio Lower Upper
91 100
92 56.7 46.5 69.7





#63
Toluene-d8
Concen: 30.248 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

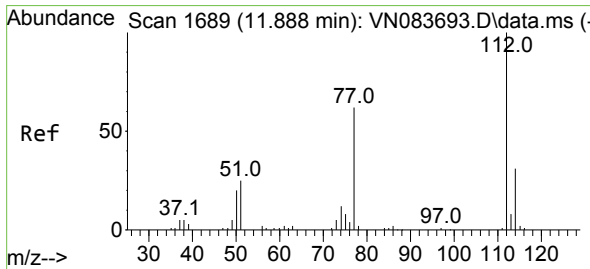
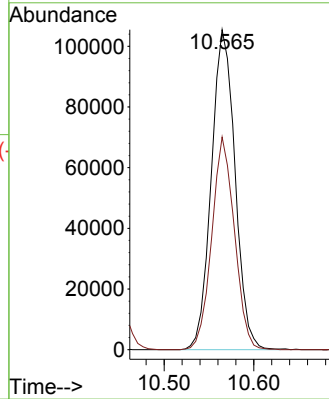
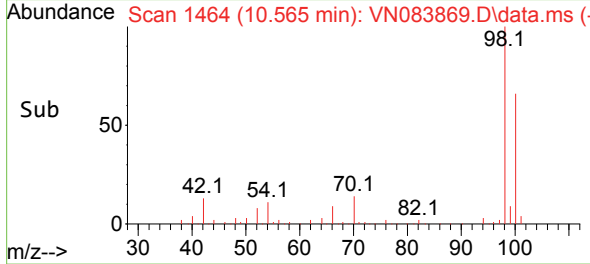
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 19351
Ion Ratio Lower Upper
98 100
100 63.6 52.7 79.1

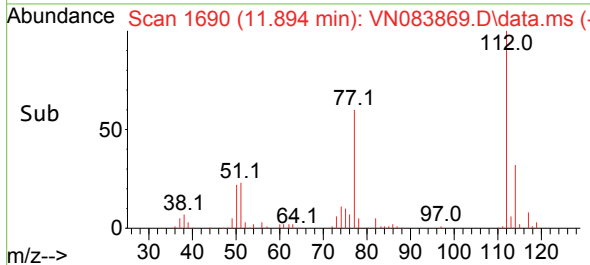
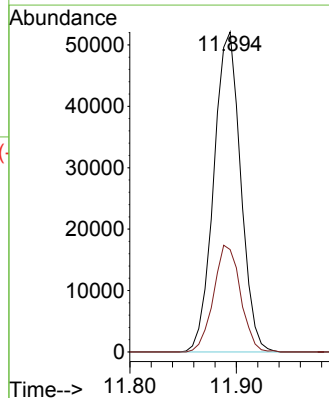
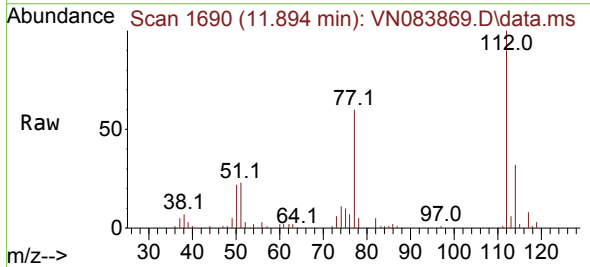
Manual Integrations
APPROVED

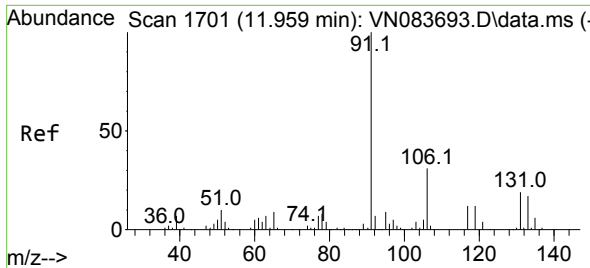
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#64
Chlorobenzene
Concen: 18.547 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

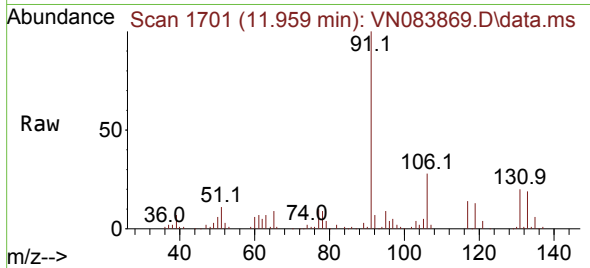
Tgt Ion:112 Resp: 91196
Ion Ratio Lower Upper
112 100
114 32.0 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 18.601 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

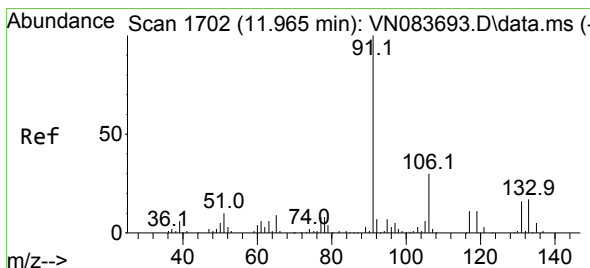
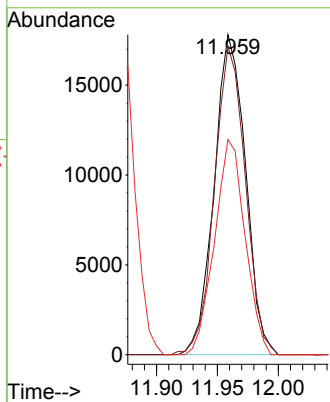
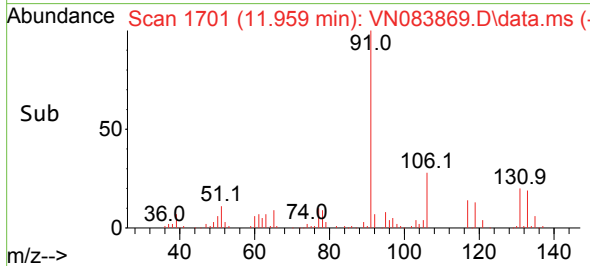
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



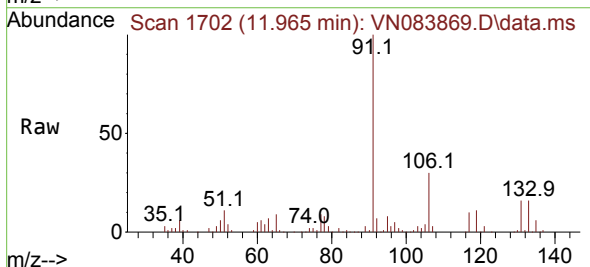
Tgt Ion:131 Resp: 3186
Ion Ratio Lower Upper
131 100
133 95.2 0.0 188.0
119 65.7 0.0 122.8

Manual Integrations
APPROVED

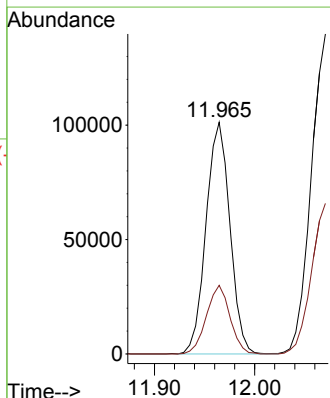
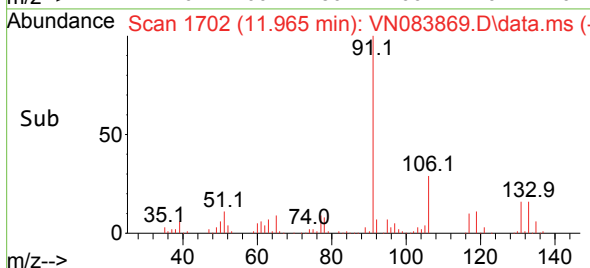
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

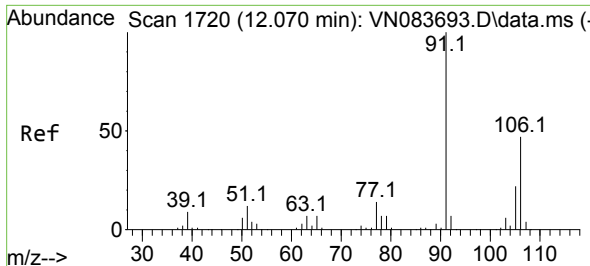


#66
Ethyl Benzene
Concen: 18.580 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23



Tgt Ion: 91 Resp: 167803
Ion Ratio Lower Upper
91 100
106 29.6 24.4 36.6





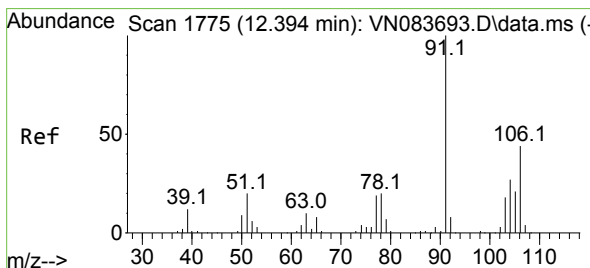
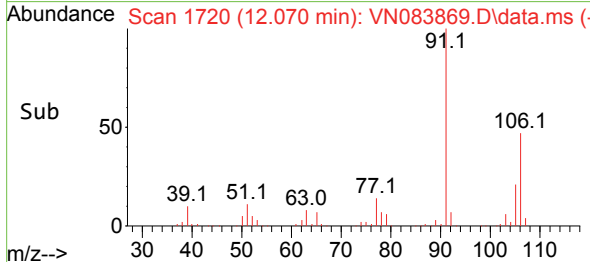
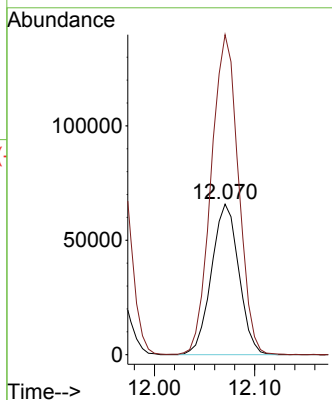
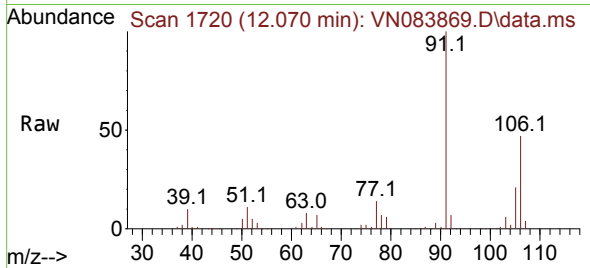
#67
m/p-Xylenes
Concen: 37.587 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 12488
Ion Ratio Lower Upper
106 100
91 211.6 166.6 249.8

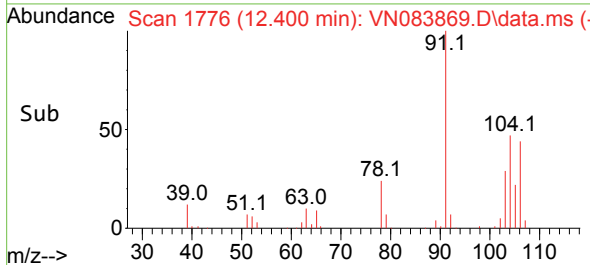
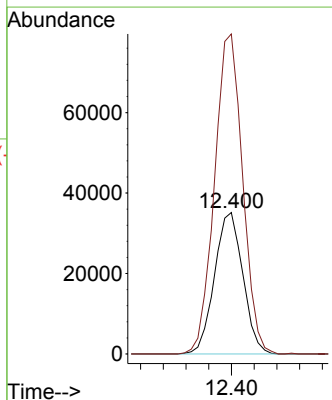
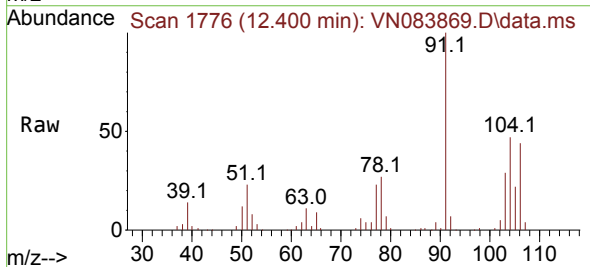
Manual Integrations
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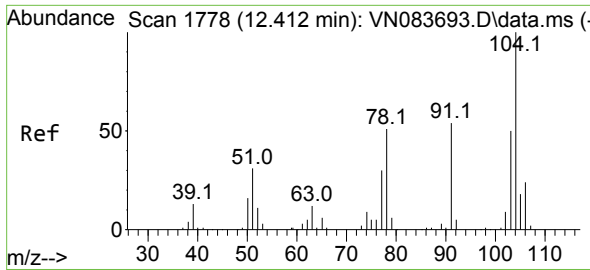
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#68
o-Xylene
Concen: 18.939 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

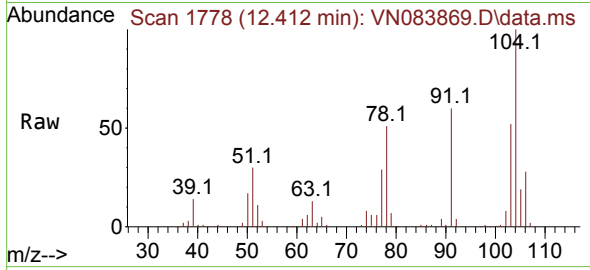
Tgt Ion:106 Resp: 60902
Ion Ratio Lower Upper
106 100
91 224.3 110.0 330.0





#69
Styrene
Concen: 18.802 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

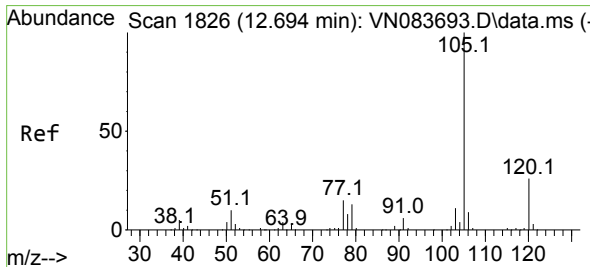
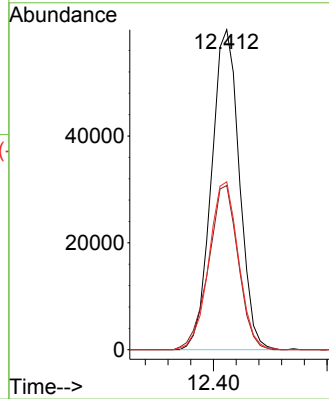
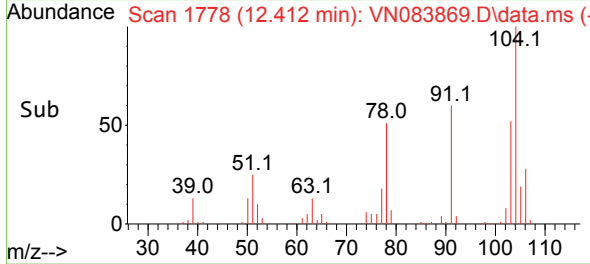
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



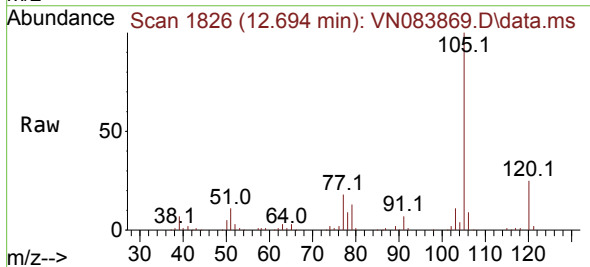
Tgt Ion:104 Resp: 102160
Ion Ratio Lower Upper
104 100
78 54.3 42.6 64.0
103 55.6 43.7 65.5

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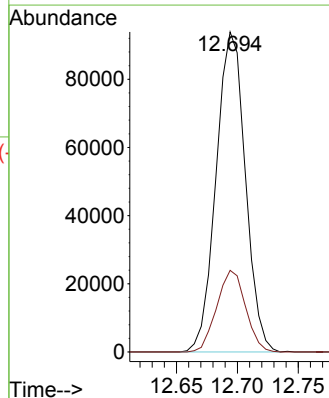
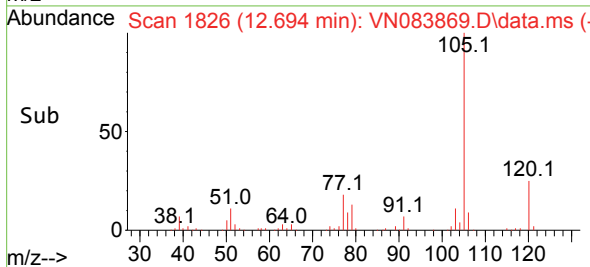
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

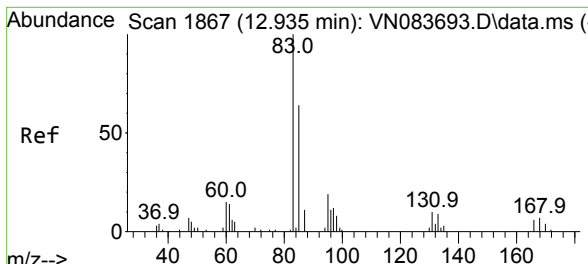


#70
Isopropylbenzene
Concen: 18.468 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23



Tgt Ion:105 Resp: 156722
Ion Ratio Lower Upper
105 100
120 25.1 17.8 33.1





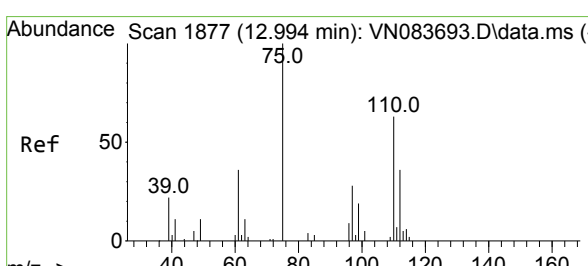
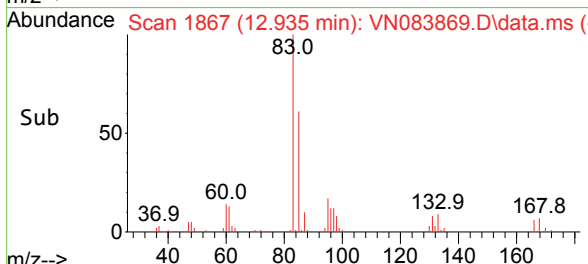
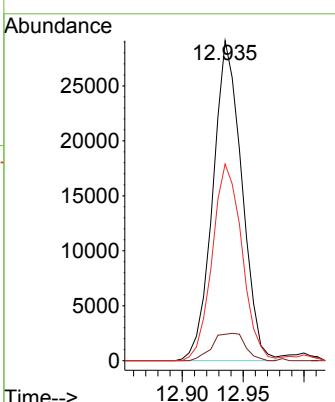
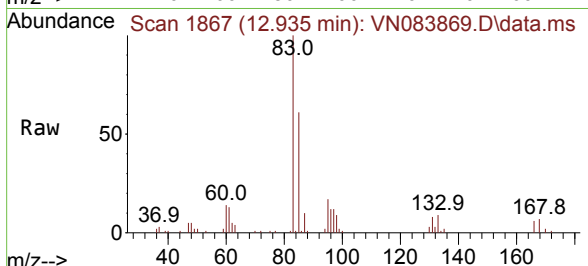
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.786 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN083869.D
 Acq: 13 Sep 2024 14:23

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020

Tgt Ion:	83	Resp:	4817
Ion Ratio	Lower	Upper	
83	100		
131	0.0	5.2	15.6
85	63.1	32.3	96.8

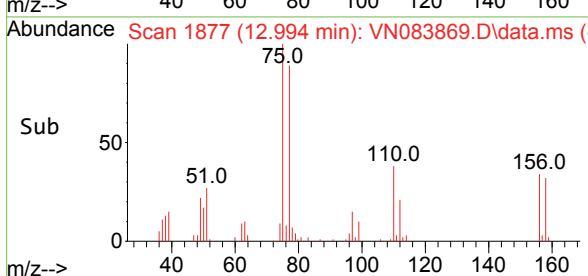
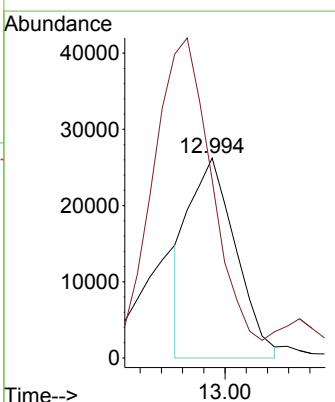
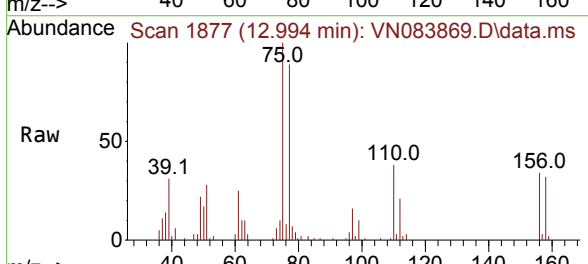
Manual Integrations
 APPROVED

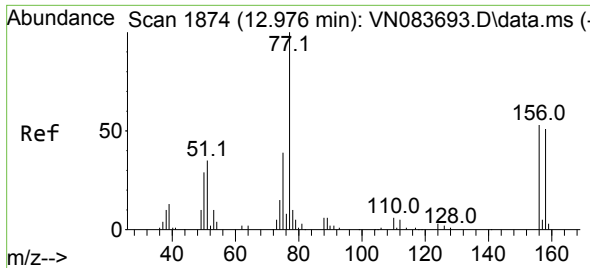
Reviewed By :John Carlone 09/14/2024
 Supervised By :Semsettin Yesilyurt 09/16/2024



#72
 1,2,3-Trichloropropane
 Concen: 19.888 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN083869.D
 Acq: 13 Sep 2024 14:23

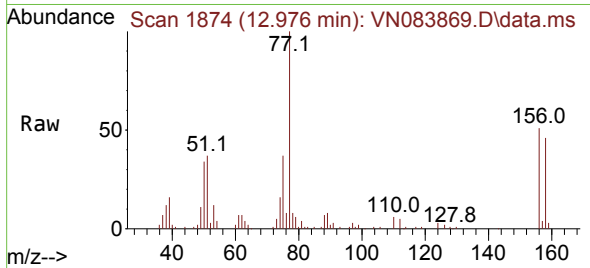
Tgt Ion:	75	Resp:	40415
Ion Ratio	Lower	Upper	
75	100		
77	205.8	0.0	367.6





#73
Bromobenzene
Concen: 18.387 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

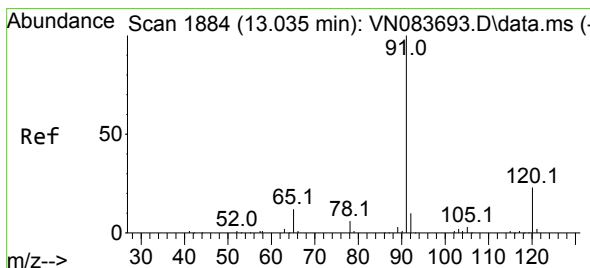
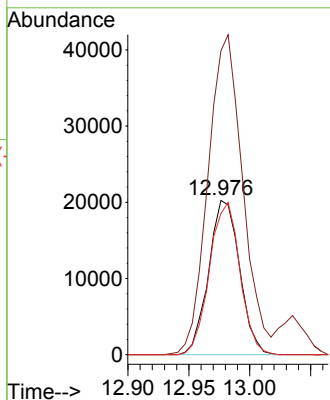
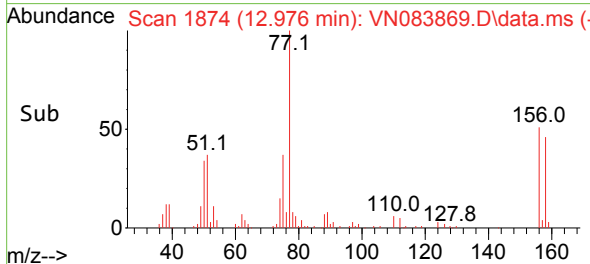
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:156 Resp: 35840
Ion Ratio Lower Upper
156 100
77 232.1 0.0 437.6
158 96.8 0.0 203.8

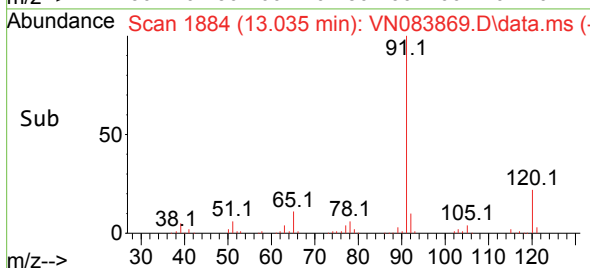
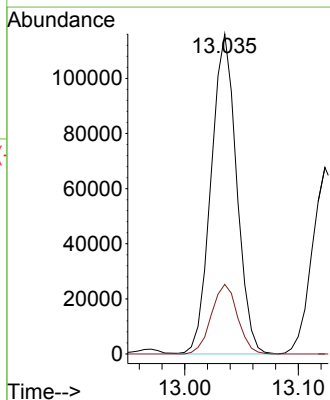
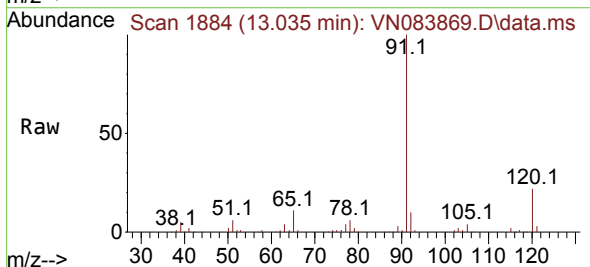
Manual Integrations
APPROVED

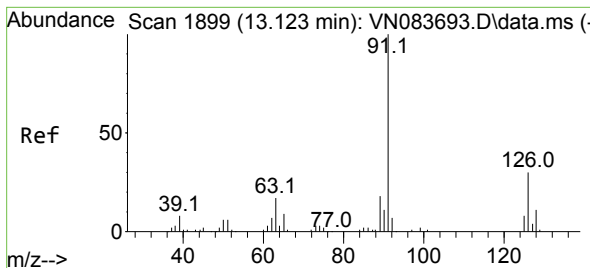
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#74
n-propylbenzene
Concen: 18.250 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

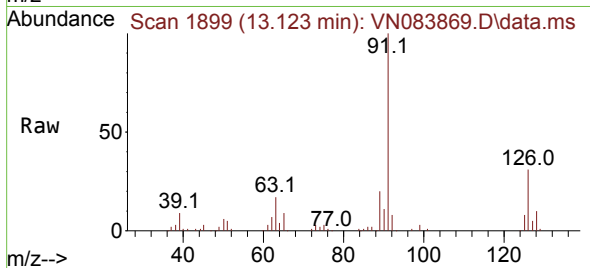
Tgt Ion: 91 Resp: 181297
Ion Ratio Lower Upper
91 100
120 22.3 0.0 43.8





#75
2-Chlorotoluene
Concen: 18.783 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

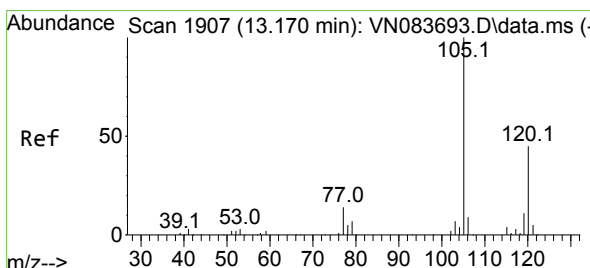
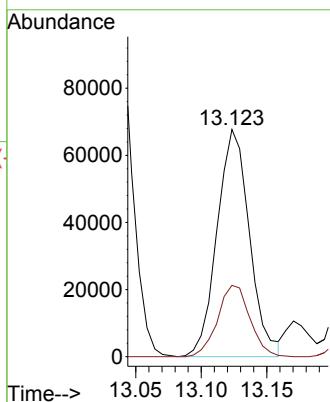
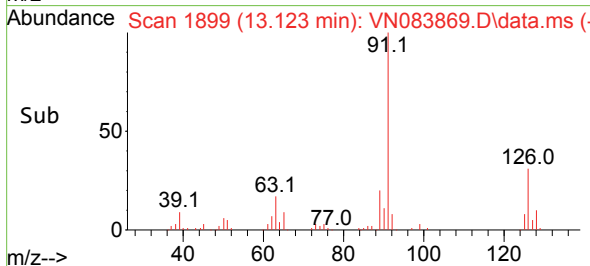
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



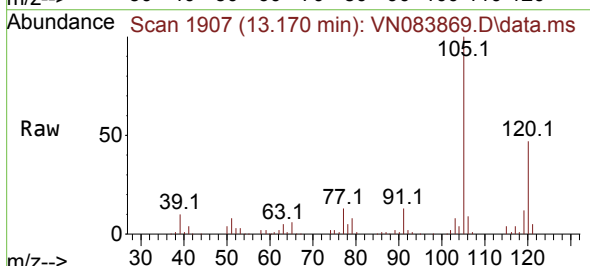
Tgt Ion: 91 Resp: 116460
Ion Ratio Lower Upper
91 100
126 31.2 0.0 61.2

Manual Integrations
APPROVED

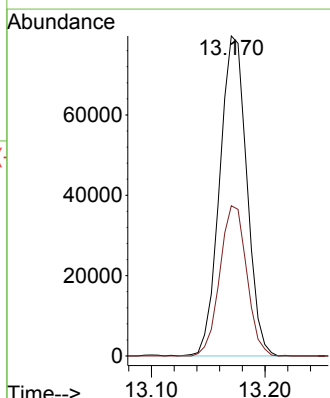
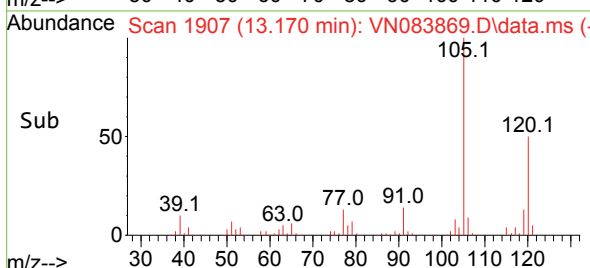
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

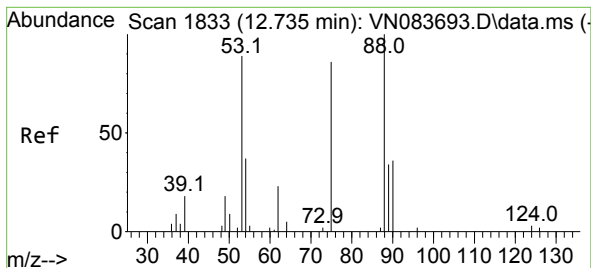


#76
1,3,5-Trimethylbenzene
Concen: 18.603 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23



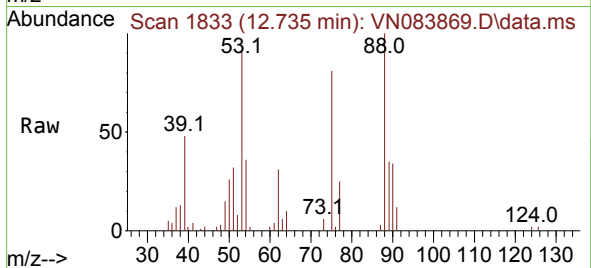
Tgt Ion:105 Resp: 131870
Ion Ratio Lower Upper
105 100
120 46.6 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 17.300 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

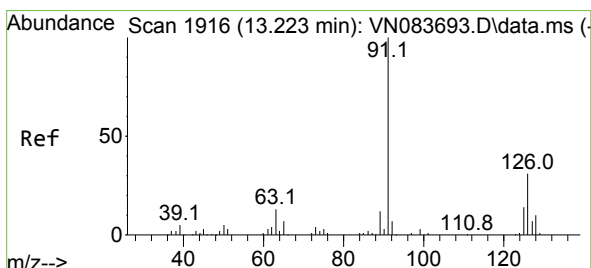
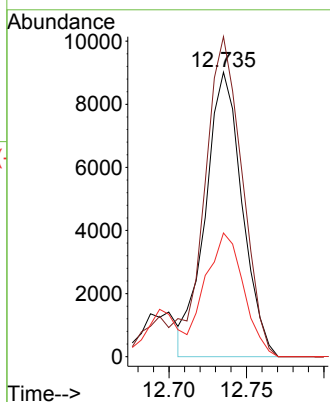
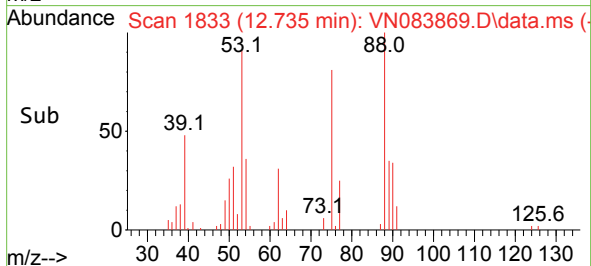
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 14860
Ion Ratio Lower Upper
75 100
53 112.5 45.9 137.7
89 43.5 25.9 77.7

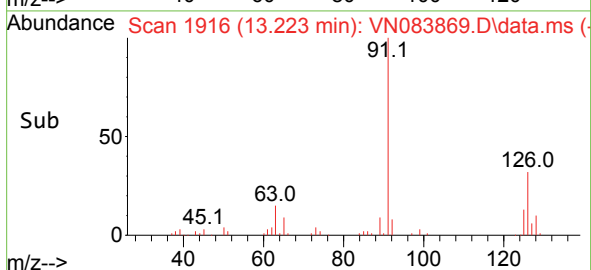
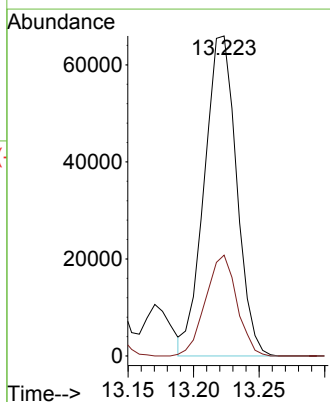
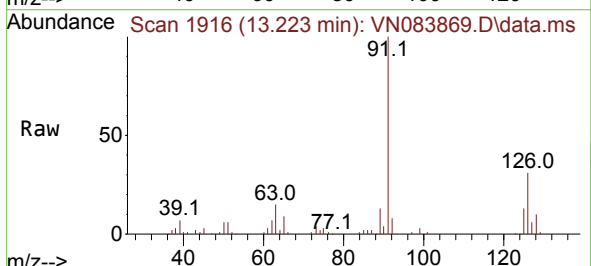
Manual Integrations
APPROVED

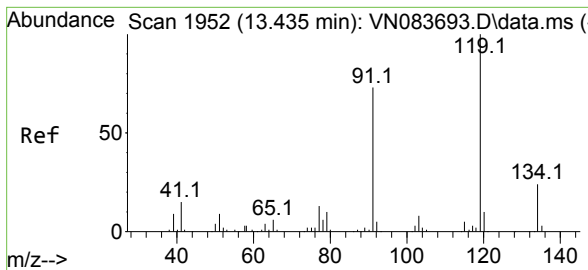
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#78
4-Chlorotoluene
Concen: 17.985 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

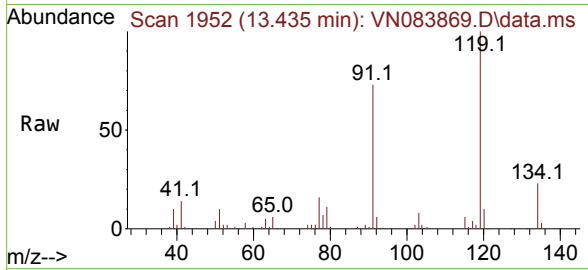
Tgt Ion: 91 Resp: 113084
Ion Ratio Lower Upper
91 100
126 30.5 0.0 62.8





#79
tert-butylbenzene
Concen: 18.310 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

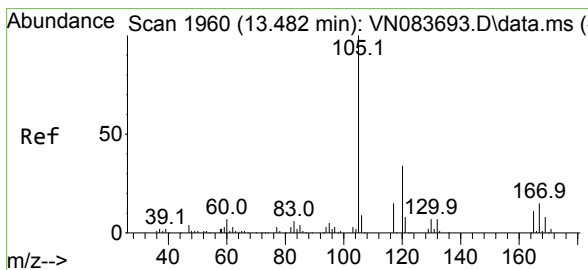
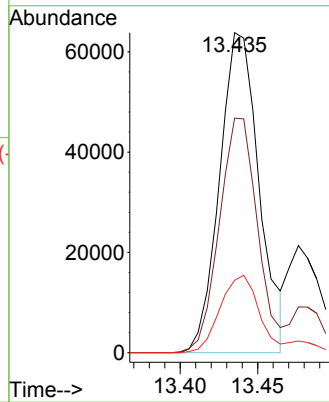
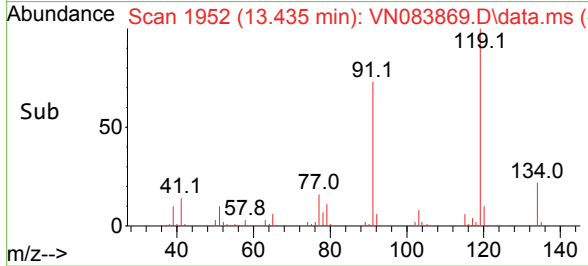
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



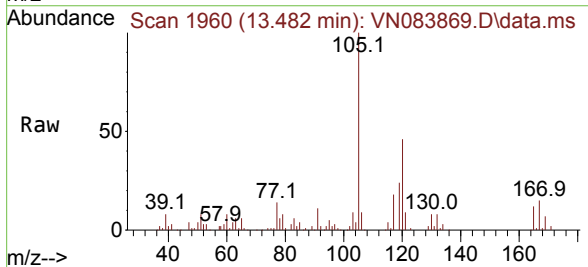
Tgt Ion:119 Resp: 113498
Ion Ratio Lower Upper
119 100
91 70.6 0.0 138.8
134 23.5 0.0 48.6

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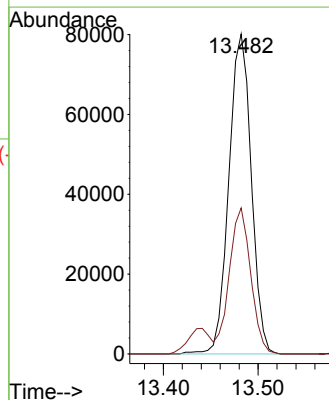
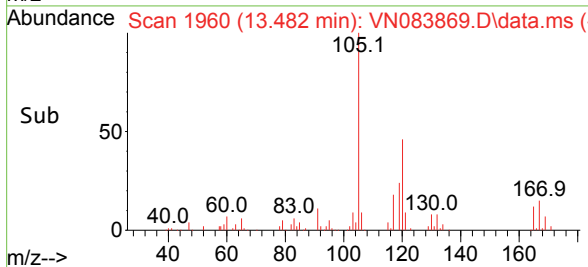
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

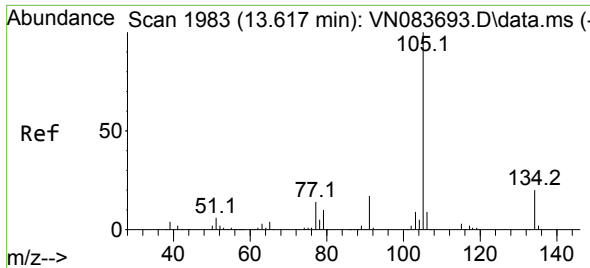


#80
1,2,4-Trimethylbenzene
Concen: 18.411 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23



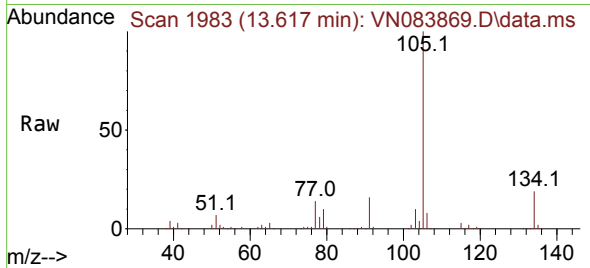
Tgt Ion:105 Resp: 131889
Ion Ratio Lower Upper
105 100
120 43.6 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 18.045 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083869.D
 Acq: 13 Sep 2024 14:23

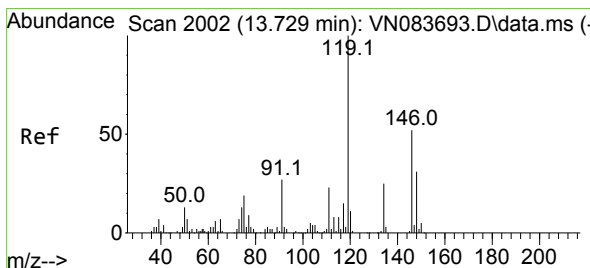
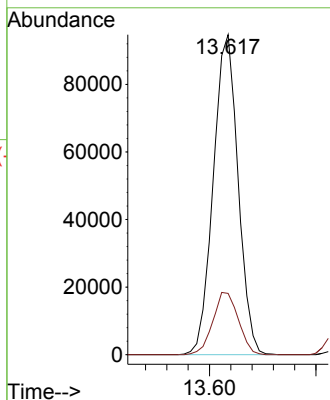
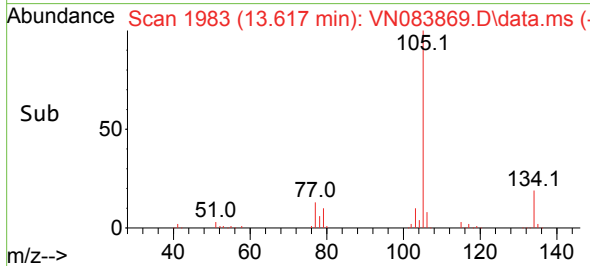
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



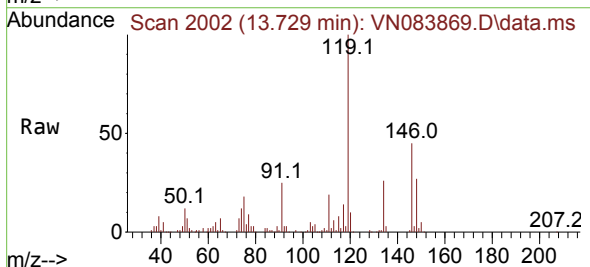
Tgt Ion:105 Resp: 152800
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.0

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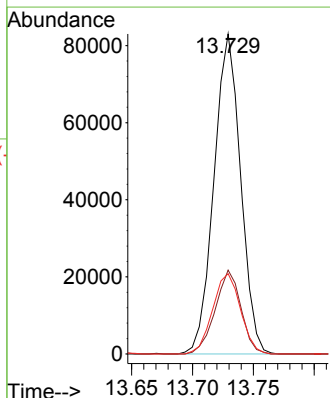
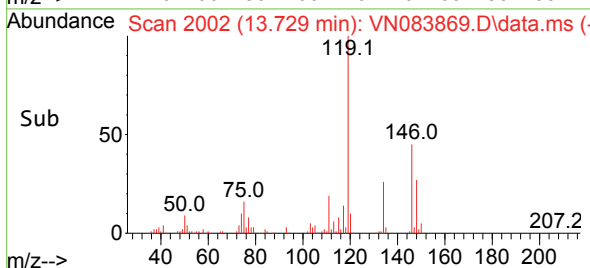
Reviewed By :John Carlone 09/14/2024
 Supervised By :Semsettin Yesilyurt 09/16/2024

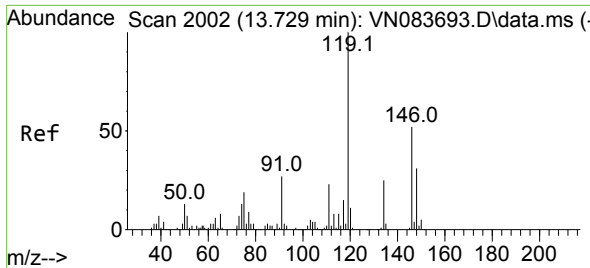


#82
 p-Isopropyltoluene
 Concen: 17.747 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083869.D
 Acq: 13 Sep 2024 14:23



Tgt Ion:119 Resp: 126441
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 49.2
 91 26.2 0.0 48.8





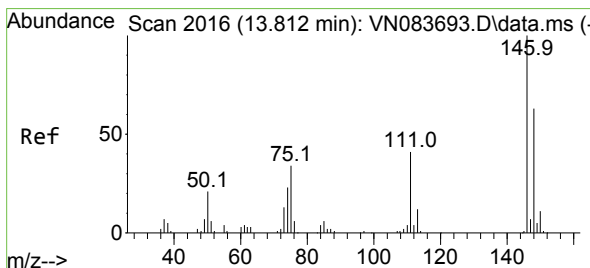
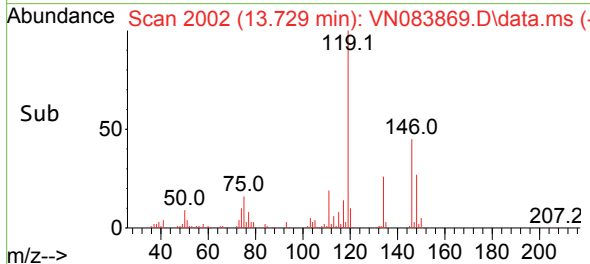
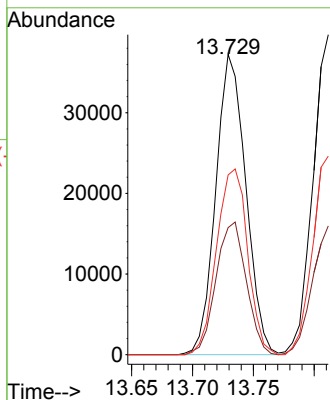
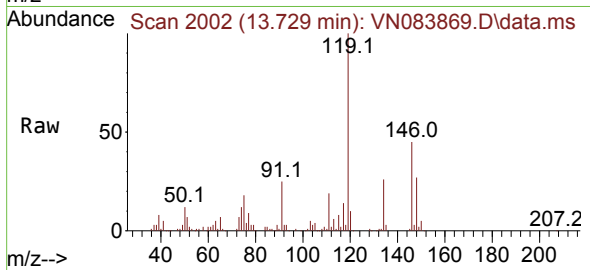
#83
1,3-Dichlorobenzene
Concen: 17.066 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 6402
Ion Ratio Lower Upper
146 100
111 44.6 22.4 67.0
148 63.9 32.1 96.5

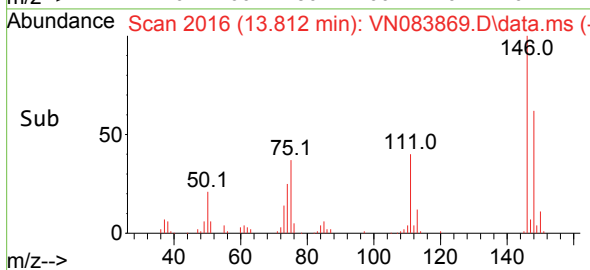
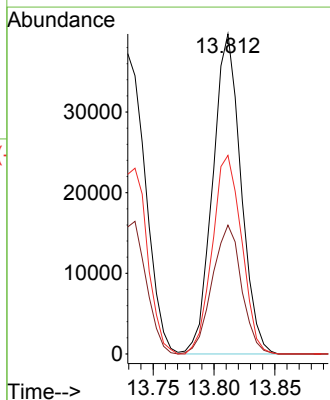
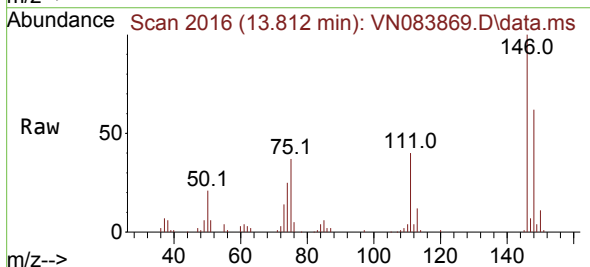
Manual Integrations
APPROVED

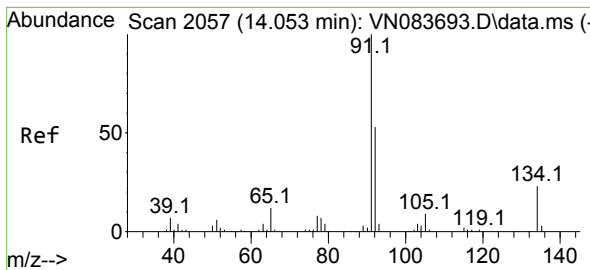
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#84
1,4-Dichlorobenzene
Concen: 17.097 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

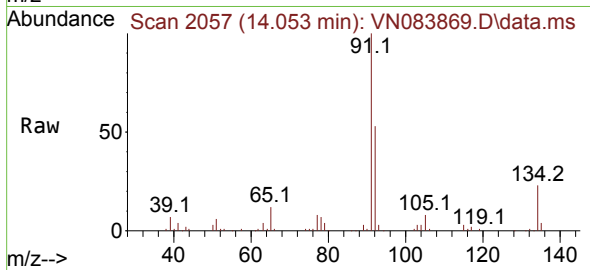
Tgt Ion:146 Resp: 64125
Ion Ratio Lower Upper
146 100
111 41.8 21.3 63.9
148 64.3 31.9 95.5





#85
n-Butylbenzene
Concen: 16.788 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

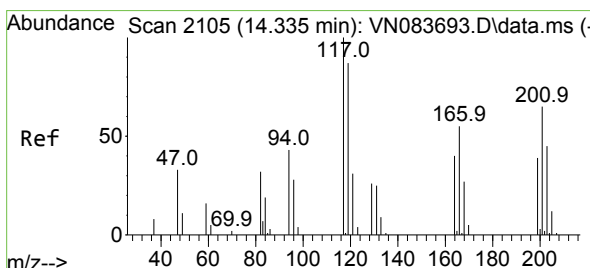
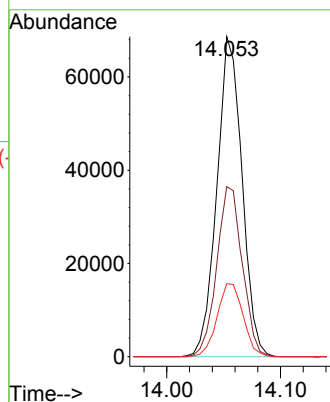
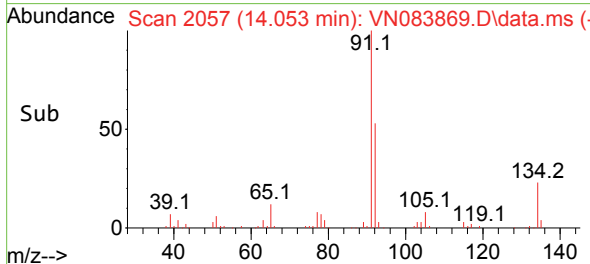
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 105552
Ion Ratio Lower Upper
91 100
92 54.1 0.0 105.0
134 23.6 0.0 51.8

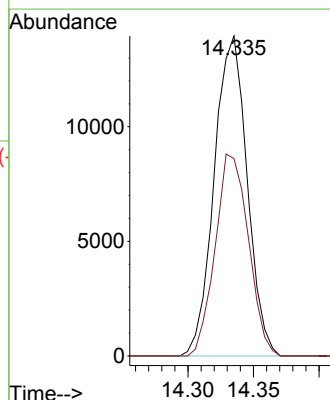
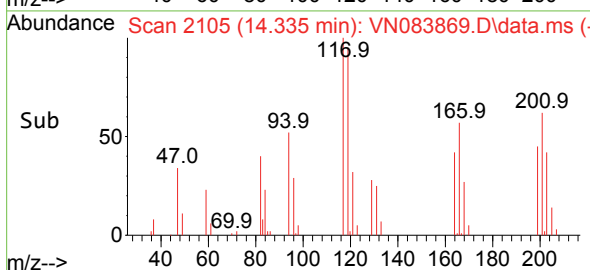
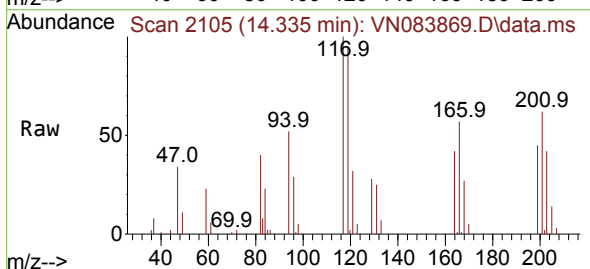
Manual Integrations
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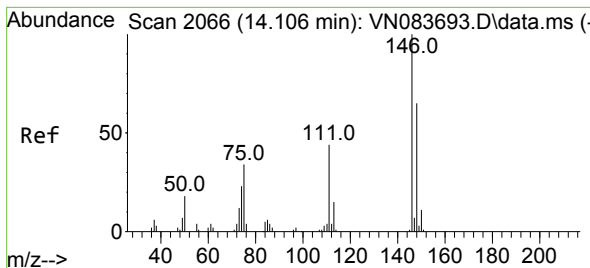
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024



#86
Hexachloroethane
Concen: 18.054 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

Tgt Ion:117 Resp: 24376
Ion Ratio Lower Upper
117 100
201 63.6 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 17.918 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN083869.D

Acq: 13 Sep 2024 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

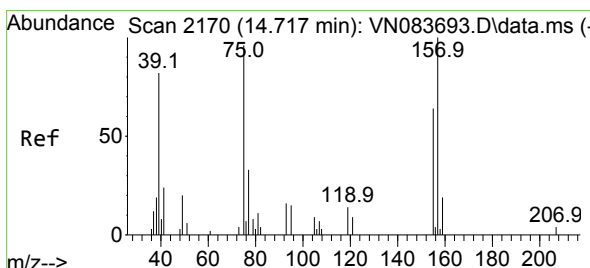
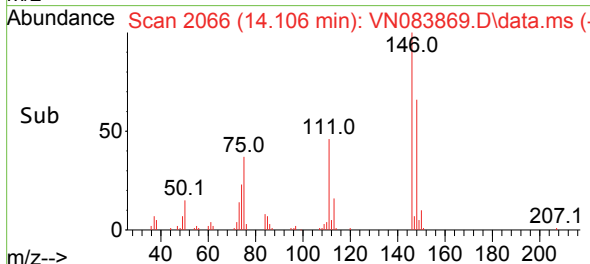
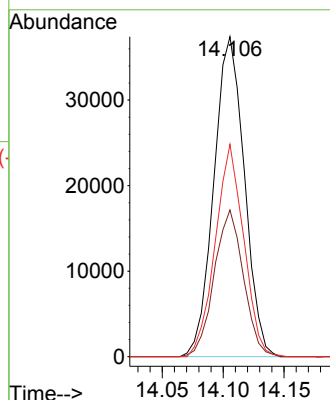
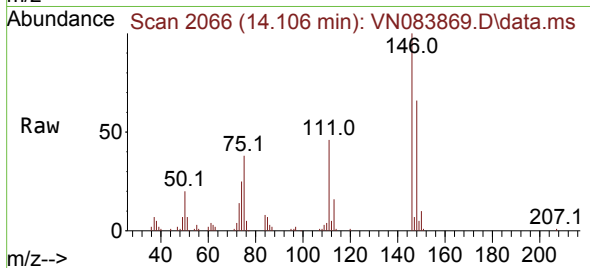
Tgt Ion:	146	Resp:	6523
Ion Ratio	Lower	Upper	
146	100		
111	44.0	22.6	67.8
148	61.9	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2024

Supervised By :Semsettin Yesilyurt 09/16/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.377 ug/l

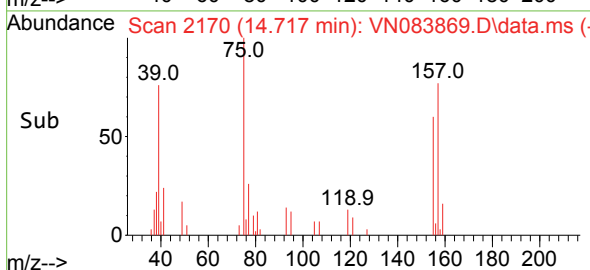
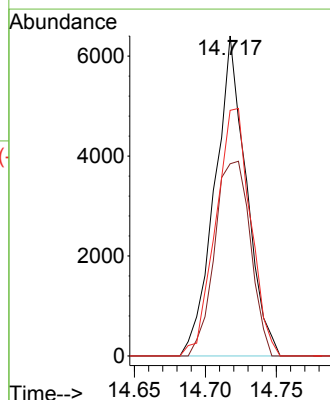
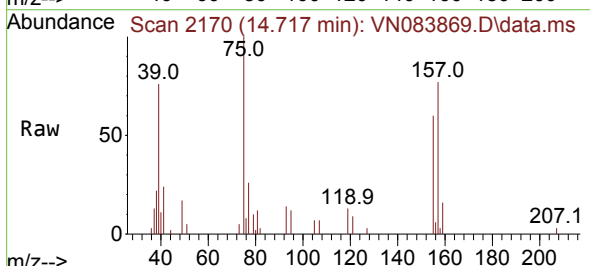
RT: 14.717 min Scan# 2170

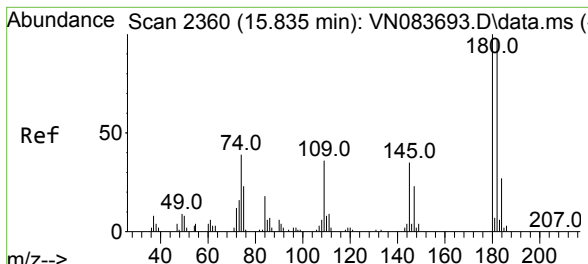
Delta R.T. -0.000 min

Lab File: VN083869.D

Acq: 13 Sep 2024 14:23

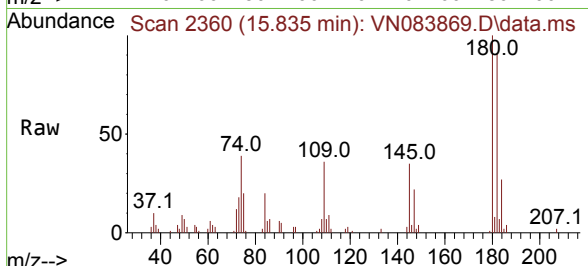
Tgt Ion:	75	Resp:	9870
Ion Ratio	Lower	Upper	
75	100		
155	69.1	61.7	92.5
157	85.6	83.6	125.4





#89
1,2,4-Trichlorobenzene
Concen: 15.587 ug/l
RT: 15.835 min Scan# 2109
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

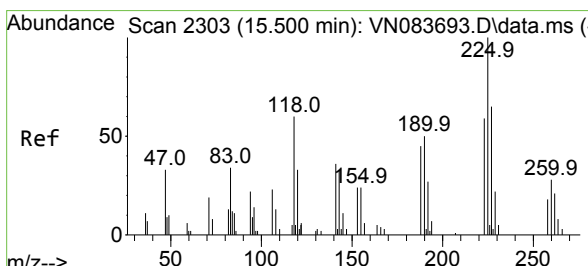
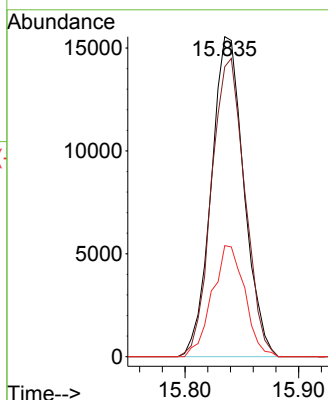
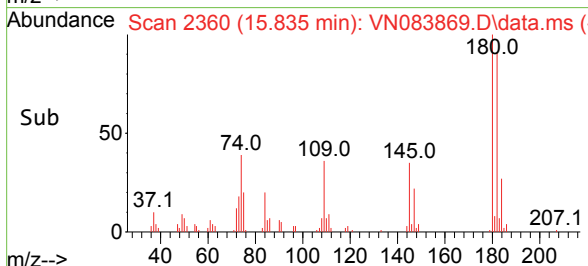
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



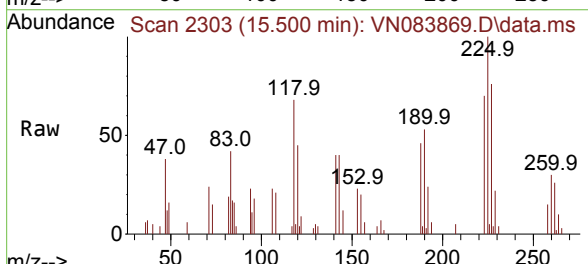
Tgt Ion:180 Resp: 3109
Ion Ratio Lower Upper
180 100
182 94.7 76.4 114.6
145 34.5 28.4 42.6

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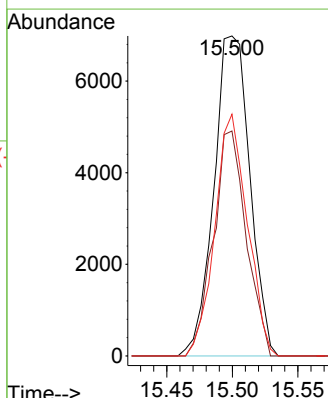
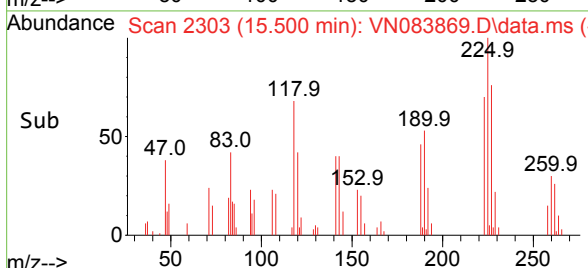
Reviewed By :John Carlone 09/14/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

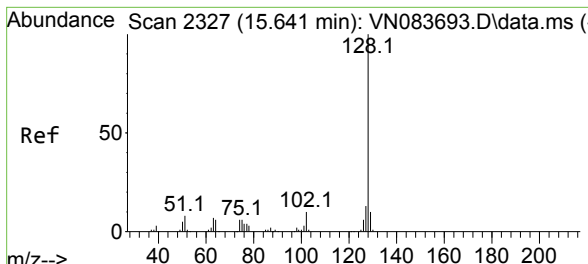


#90
Hexachlorobutadiene
Concen: 16.135 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23



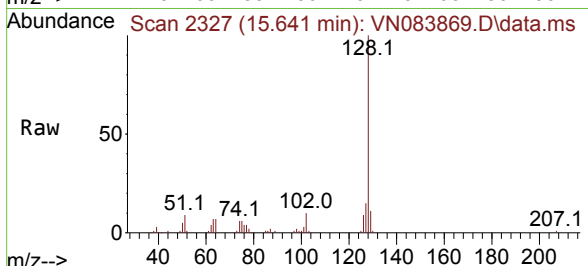
Tgt Ion:225 Resp: 13321
Ion Ratio Lower Upper
225 100
223 64.3 0.0 126.6
227 68.3 0.0 126.6





#91
Naphthalene
Concen: 15.385 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23

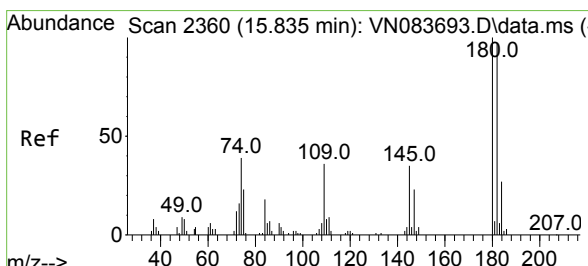
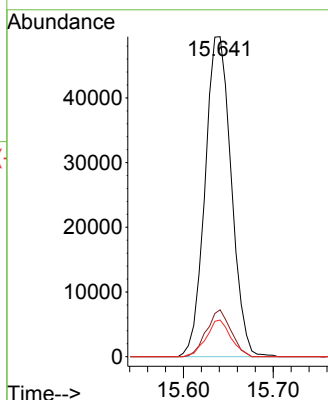
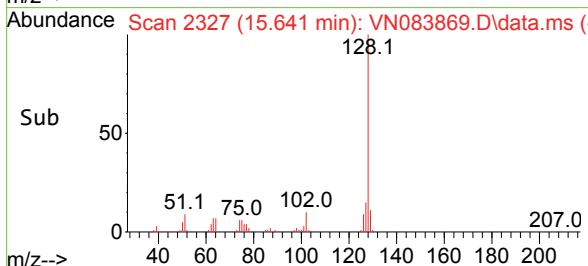
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



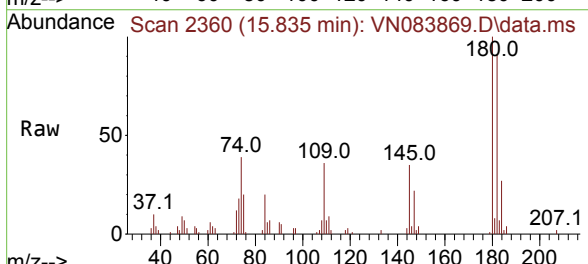
Tgt Ion:128 Resp: 100328
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.8 8.6 13.0

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



#92
1,2,3-Trichlorobenzene
Concen: 15.587 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN083869.D
Acq: 13 Sep 2024 14:23



Tgt Ion:180 Resp: 31091
Ion Ratio Lower Upper
180 100
182 94.7 0.0 191.0
145 34.5 0.0 71.0

