

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080671.D
 Acq On : 11 Jan 2024 12:03
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 12 04:42:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 04:36:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/12/2024
 Supervised By : Semsettin Yesilyurt 01/12/2024

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

Internal Standards						
1) Bromochloromethane	7.818	128	14589	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	128642	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	138992	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	70851	30.073	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.233%	
60) 4-Bromofluorobenzene	12.847	95	87537	28.470	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 94.900%	
63) Toluene-d8	10.565	98	183084	30.014	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.033%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	11236	4.531	ug/l	83
3) Chloromethane	2.359	50	19248	5.699	ug/l	99
4) Vinyl Chloride	2.512	62	13399	5.215	ug/l	96
5) Bromomethane	2.948	94	5405m	5.729	ug/l	
6) Chloroethane	3.124	64	7461	5.371	ug/l	90
7) Trichlorofluoromethane	3.501	101	19264	5.019	ug/l	85
8) Diethyl Ether	3.953	74	8693m	5.151	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.383	101	11259m	5.090	ug/l	
10) 1,1-Dichloroethene	4.336	96	11965m	5.026	ug/l	
11) Methyl Iodide	4.583	142	10288m	5.077	ug/l	
12) Methyl Acetate	5.024	43	15566	5.538	ug/l #	63
13) Acrolein	4.183	56	13250m	35.376	ug/l	
14) Acrylonitrile	5.718	53	33732	26.630	ug/l	98
15) Acetone	4.436	58	7791	27.125	ug/l #	61
16) Carbon Disulfide	4.700	76	40087m	5.446	ug/l	
17) Allyl chloride	5.012	41	25294m	5.216	ug/l	
18) Methylene Chloride	5.283	84	15152	5.488	ug/l	85
19) trans-1,2-Dichloroethene	5.783	96	12669	5.072	ug/l	94
20) Diisopropyl ether	6.665	45	51023m	5.231	ug/l	
21) 1,1-Dichloroethane	6.565	63	27309	5.152	ug/l	94
22) cis-1,2-Dichloroethene	7.489	96	15235	5.211	ug/l	90
23) tert-Butyl Alcohol	5.500	59	11832m	27.078	ug/l	
24) Methyl tert-Butyl Ether	5.789	73	43636m	5.079	ug/l	
25) Chloroform	7.965	83	26420	5.354	ug/l	90
26) Cyclohexane	8.253	56	21428	5.141	ug/l #	81
29) 1,1-Dichloropropene	8.377	75	19644	5.023	ug/l	95
30) 2-Butanone	7.483	43	44897	25.946	ug/l #	90
31) 2,2-Dichloropropane	7.483	77	22699	4.832	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	20668	4.803	ug/l #	92
33) Carbon Tetrachloride	8.359	117	16278	4.790	ug/l	89
34) Benzene	8.612	78	58849	5.074	ug/l	98
35) Methacrylonitrile	7.771	41	10024	4.616	ug/l	87
36) 1,2-Dichloroethane	8.677	62	20650	4.842	ug/l	98
37) Trichloroethene	9.353	130	12988	5.134	ug/l	89
38) Methylcyclohexane	9.600	83	18392	4.828	ug/l	79
39) 1,2-Dichloropropane	9.624	63	15576	4.982	ug/l	98
40) Dibromomethane	9.712	93	9665	5.196	ug/l	84
41) Bromodichloromethane	9.883	83	19692	4.838	ug/l #	96
42) Vinyl Acetate	6.600	43	195945	24.364	ug/l #	86

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080671.D
 Acq On : 11 Jan 2024 12:03
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2024
 Supervised By : Semsettin Yesilyurt 01/12/2024

Quant Time: Jan 12 04:42:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 04:36:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	16577	4.562	ug/l	98
44) Isopropyl Acetate	8.688	43	34875	5.028	ug/l #	67
45) 1,4-Dioxane	9.694	88	4247	107.660	ug/l #	74
46) Methyl methacrylate	9.683	41	16124	4.937	ug/l	79
47) n-amyl Acetate	12.494	43	32347m	5.201	ug/l	
48) t-1,3-Dichloropropene	10.835	75	23786	4.959	ug/l #	88
49) cis-1,3-Dichloropropene	10.312	75	24838	4.879	ug/l #	85
50) 1,1,2-Trichloroethane	11.018	97	13011	5.093	ug/l	94
51) Ethyl methacrylate	10.871	69	21437m	4.854	ug/l	
52) 1,3-Dichloropropane	11.165	76	25235	5.247	ug/l	99
53) Dibromochloromethane	11.359	129	11546	4.517	ug/l	96
54) 1,2-Dibromoethane	11.465	107	12697	5.056	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	60016	26.441	ug/l	95
56) Bromoform	12.582	173	6995	4.632	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	97520	26.672	ug/l #	83
59) 2-Hexanone	11.194	43	70566	25.849	ug/l	88
61) Tetrachloroethene	11.106	164	10188	5.506	ug/l #	83
62) Toluene	10.630	91	57712	5.162	ug/l	96
64) Chlorobenzene	11.894	112	31903	5.124	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	11979	5.354	ug/l	96
66) Ethyl Benzene	11.959	91	58186	4.949	ug/l	96
67) m/p-Xylenes	12.071	106	42098	9.962	ug/l	96
68) o-Xylene	12.400	106	22186	5.264	ug/l	96
69) Styrene	12.412	104	35267	4.981	ug/l	99
70) Isopropylbenzene	12.694	105	50224	4.876	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	18190	5.410	ug/l	91
72) 1,2,3-Trichloropropane	12.988	75	18139m	5.491	ug/l	
73) Bromobenzene	12.976	156	11380	5.183	ug/l	81
74) n-propylbenzene	13.035	91	57720	4.646	ug/l	99
75) 2-Chlorotoluene	13.123	91	38992	4.991	ug/l	94
76) 1,3,5-Trimethylbenzene	13.176	105	42132	4.914	ug/l	94
77) t-1,4-Dichloro-2-butene	12.741	75	6408	4.905	ug/l	87
78) 4-Chlorotoluene	13.223	91	37746	4.833	ug/l	94
79) tert-butylbenzene	13.435	119	32044	4.788	ug/l	92
80) 1,2,4-Trimethylbenzene	13.482	105	40016	4.771	ug/l	96
81) sec-Butylbenzene	13.618	105	47676	4.839	ug/l	97
82) p-Isopropyltoluene	13.729	119	35585	4.737	ug/l	93
83) 1,3-Dichlorobenzene	13.735	146	19667	5.163	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	18111	4.722	ug/l	94
85) n-Butylbenzene	14.053	91	32610	4.393	ug/l	93
86) Hexachloroethane	14.335	117	7323	5.183	ug/l	73
87) 1,2-Dichlorobenzene	14.106	146	18694	5.003	ug/l	91
88) 1,2-Dibromo-3-Chloropr...	14.717	75	3353	4.790	ug/l #	84
89) 1,2,4-Trichlorobenzene	15.841	180	8759	4.674	ug/l	97
90) Hexachlorobutadiene	15.506	225	4299	5.007	ug/l	82
91) Naphthalene	15.647	128	36080	4.938	ug/l #	96
92) 1,2,3-Trichlorobenzene	15.841	180	8759	4.674	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080671.D
 Acq On : 11 Jan 2024 12:03
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_N

Client SampleId :

VSTDIC005

Manual Integrations

APPROVED

Reviewed By : John Carlone 01/12/2024

Supervised By : Semsettin Yesilyurt 01/12/2024

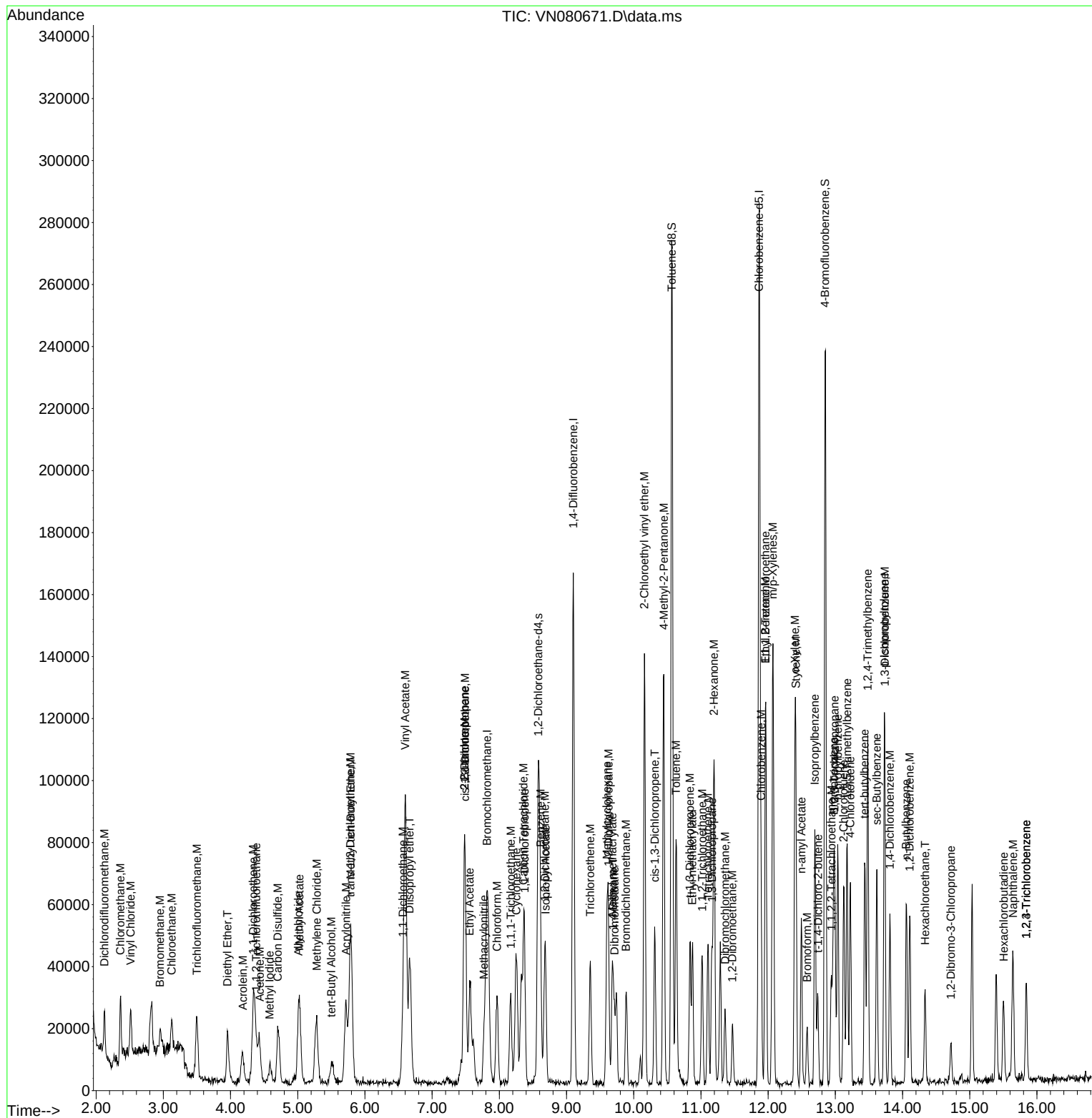
Quant Time: Jan 12 04:42:22 2024

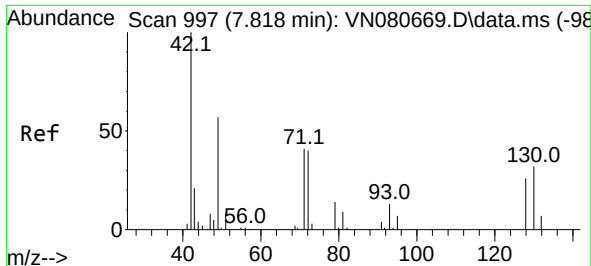
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri Jan 12 04:36:53 2024

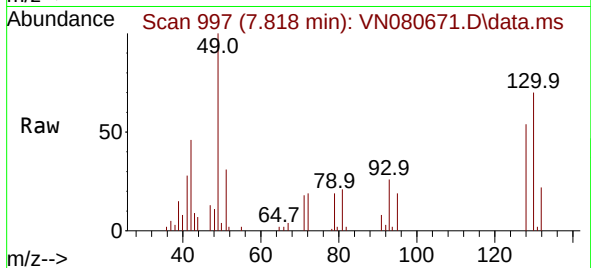
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

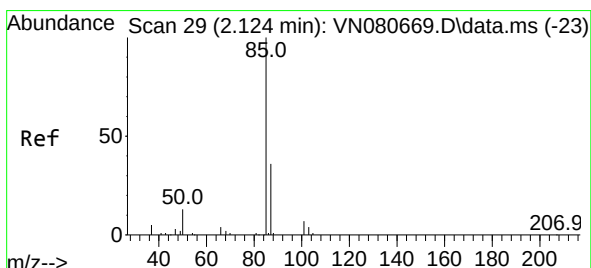
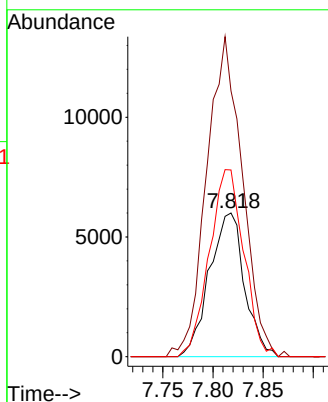
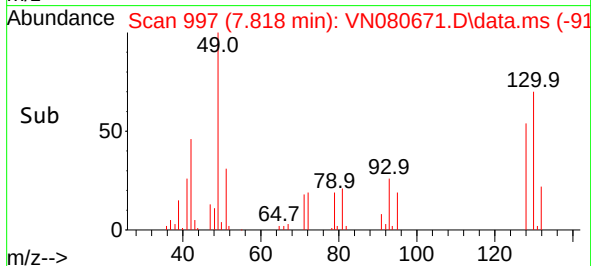
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 14589
Ion Ratio Lower Upper
128 100
49 226.4 0.0 403.7
130 128.1 0.0 323.3

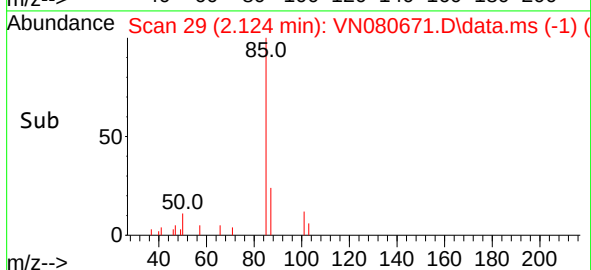
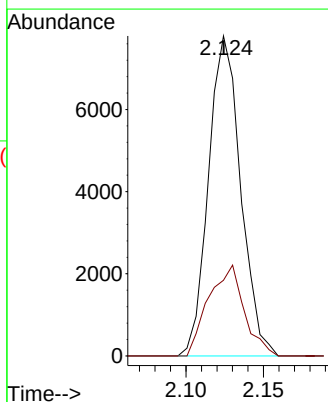
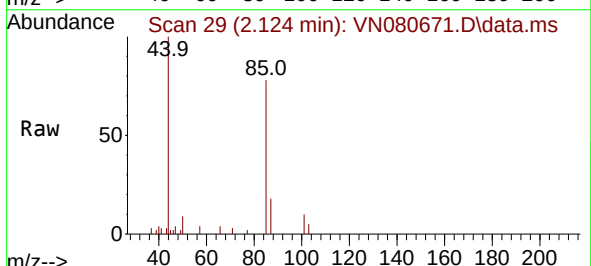
Manual Integrations
APPROVED

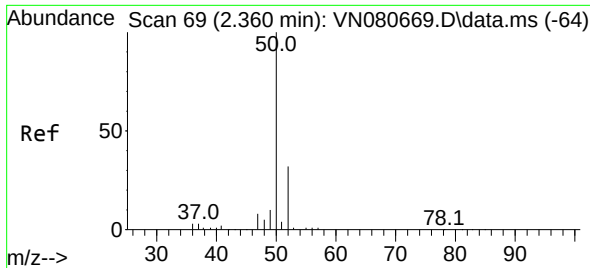
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#2
Dichlorodifluoromethane
Concen: 4.531 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

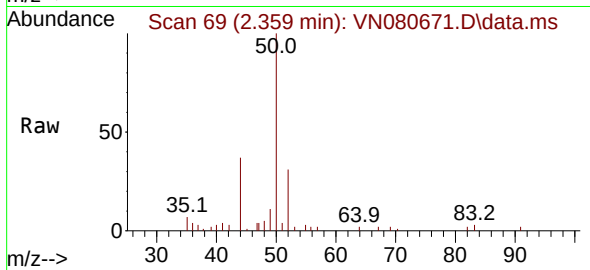
Tgt Ion: 85 Resp: 11236
Ion Ratio Lower Upper
85 100
87 23.6 16.8 50.3





#3
Chloromethane
Concen: 5.699 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.001 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

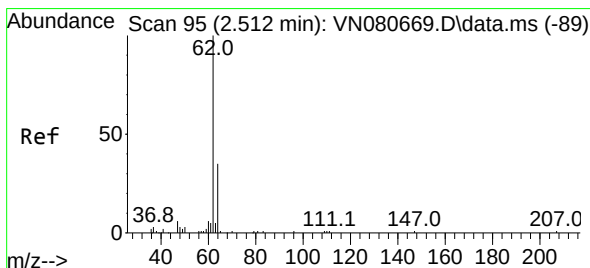
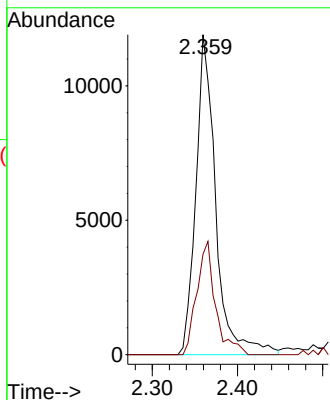
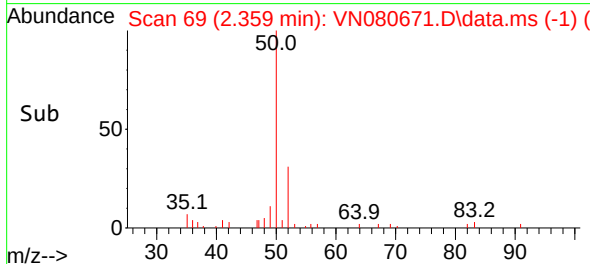
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



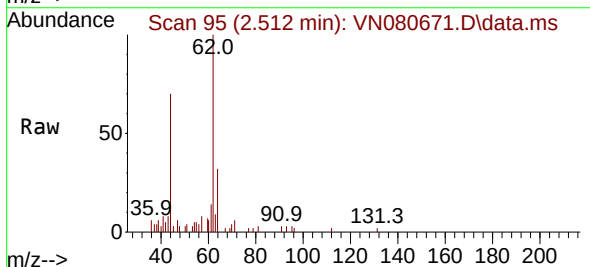
Tgt Ion: 50 Resp: 19248
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.0

Manual Integrations
APPROVED

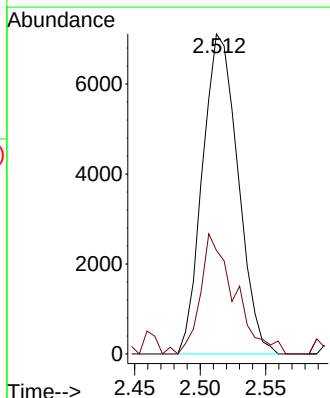
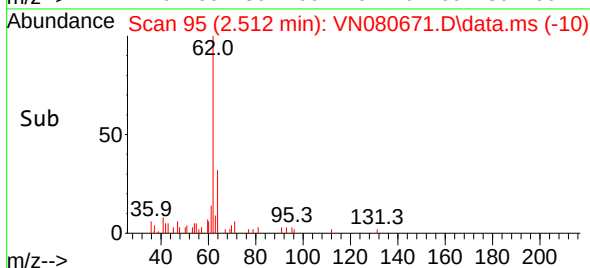
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

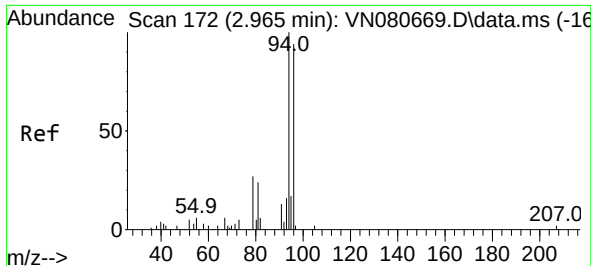


#4
Vinyl Chloride
Concen: 5.215 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03



Tgt Ion: 62 Resp: 13399
Ion Ratio Lower Upper
62 100
64 32.3 24.1 36.1





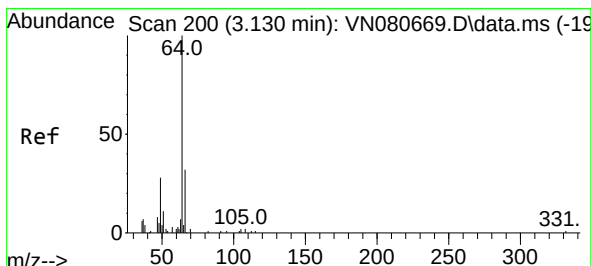
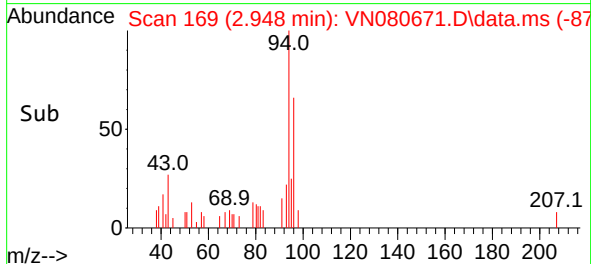
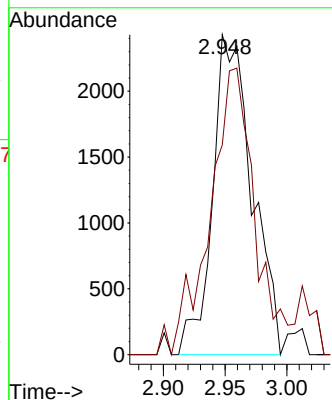
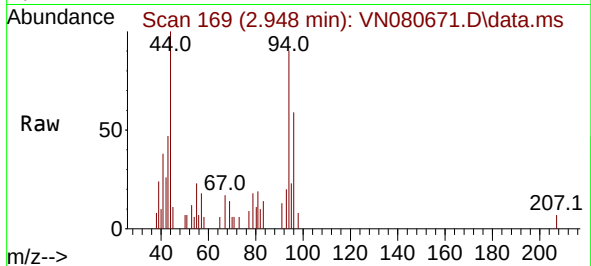
#5
Bromomethane
Concen: 5.729 ug/l m
RT: 2.948 min Scan# 1
Delta R.T. -0.017 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 540
Ion Ratio Lower Upper
94 100
96 65.5 72.8 109.2

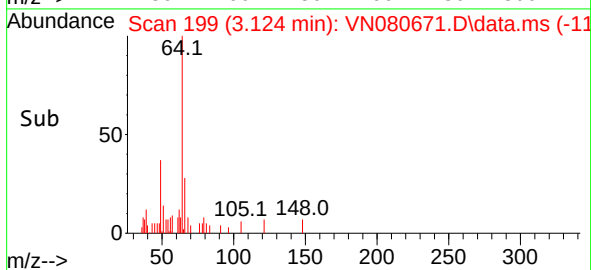
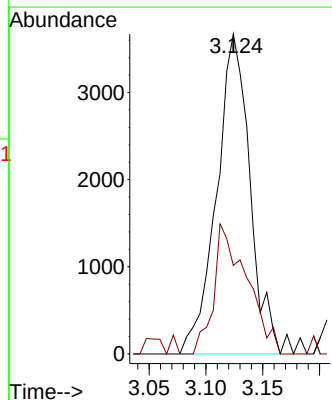
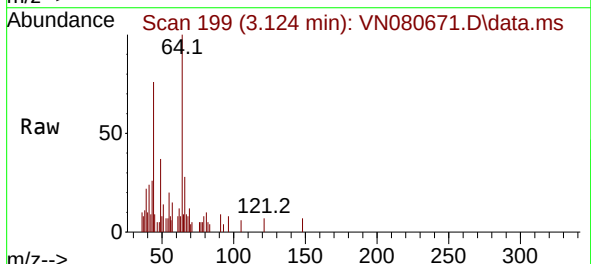
Manual Integrations
APPROVED

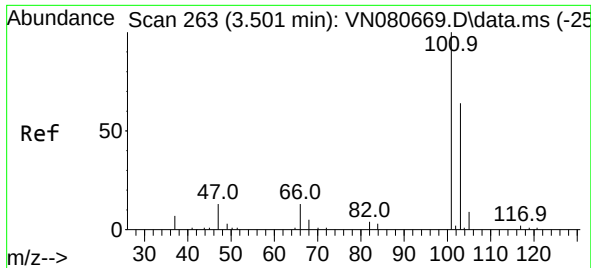
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#6
Chloroethane
Concen: 5.371 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

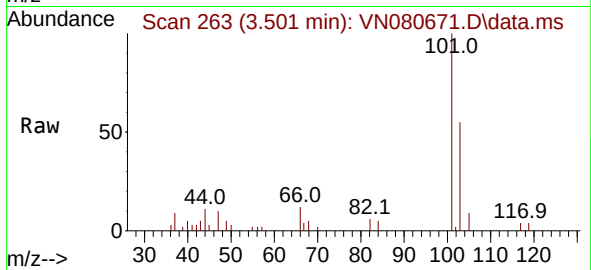
Tgt Ion: 64 Resp: 7461
Ion Ratio Lower Upper
64 100
66 27.7 26.7 40.1





#7
Trichlorofluoromethane
Concen: 5.019 ug/l
RT: 3.501 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

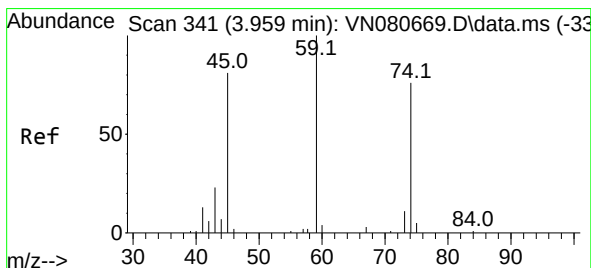
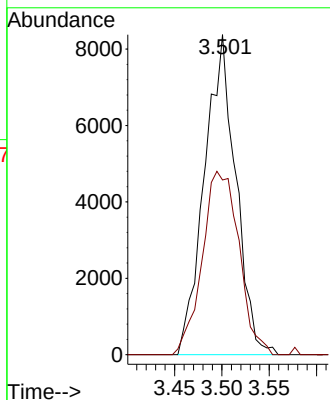
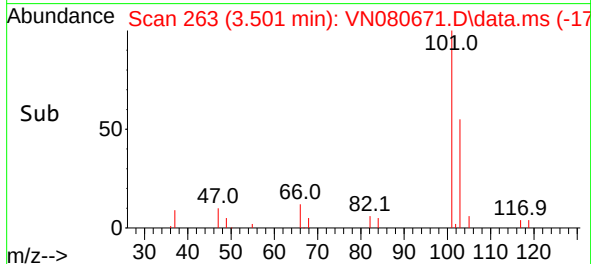
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



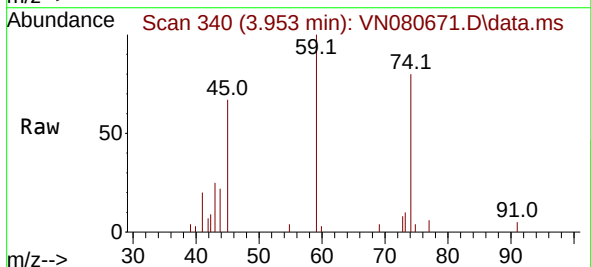
Tgt Ion:101 Resp: 19264
Ion Ratio Lower Upper
101 100
103 54.6 53.0 79.4

Manual Integrations
APPROVED

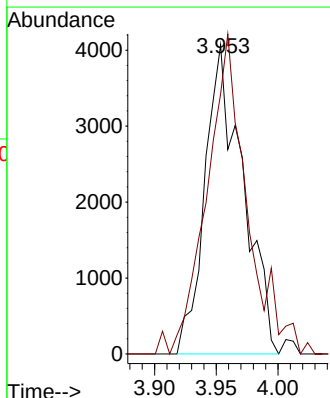
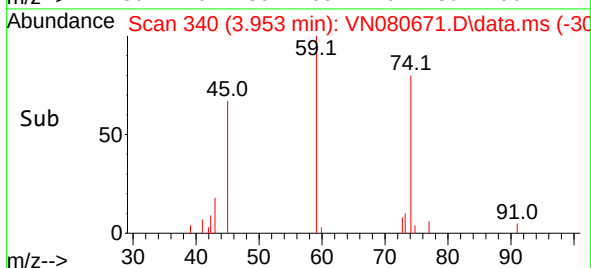
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

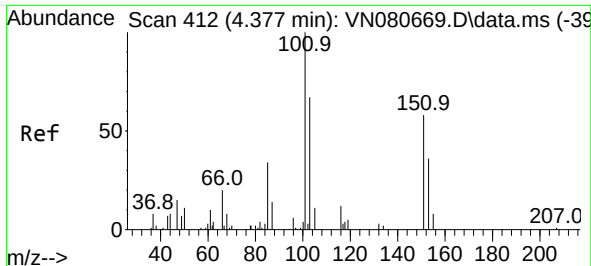


#8
Diethyl Ether
Concen: 5.151 ug/l m
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03



Tgt Ion: 74 Resp: 8693
Ion Ratio Lower Upper
74 100
45 99.6 16.4 147.4





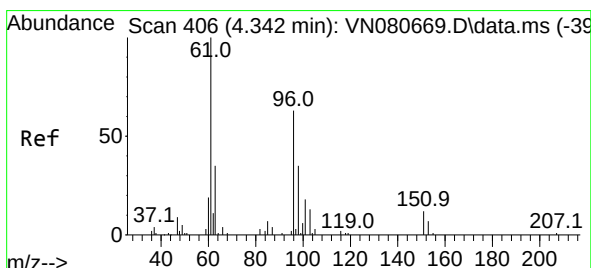
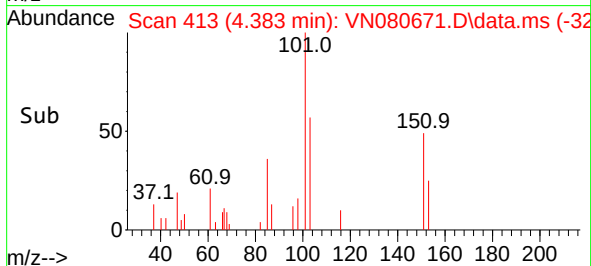
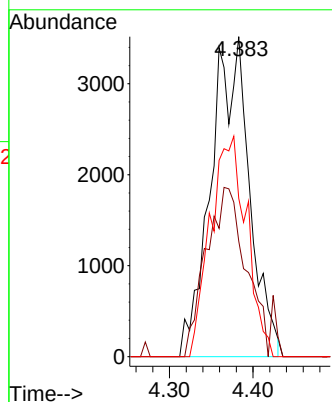
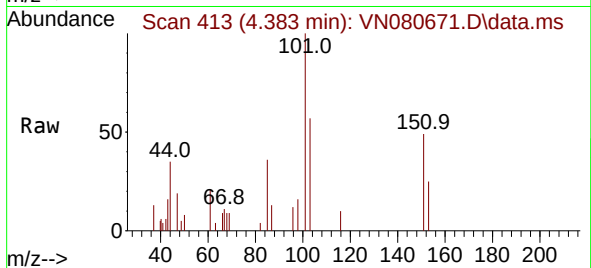
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.090 ug/l m
 RT: 4.383 min Scan# 412
 Delta R.T. 0.006 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 11259
 Ion Ratio Lower Upper
 101 100
 85 54.7 0.0 90.6
 151 36.5 0.0 157.6

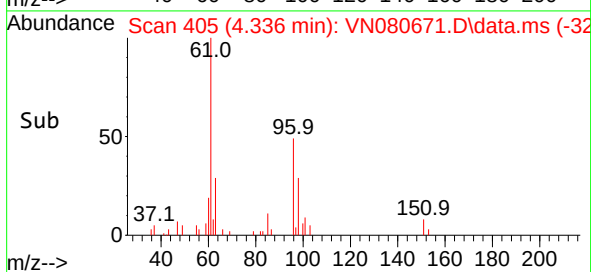
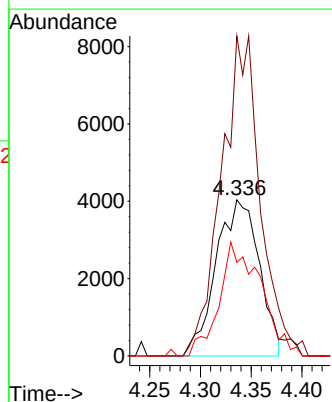
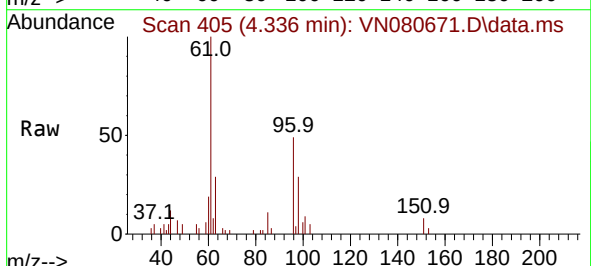
Manual Integrations
 APPROVED

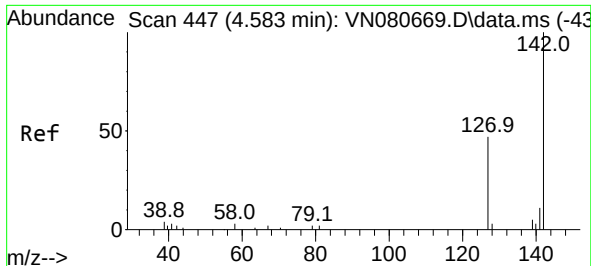
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#10
 1,1-Dichloroethene
 Concen: 5.026 ug/l m
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03

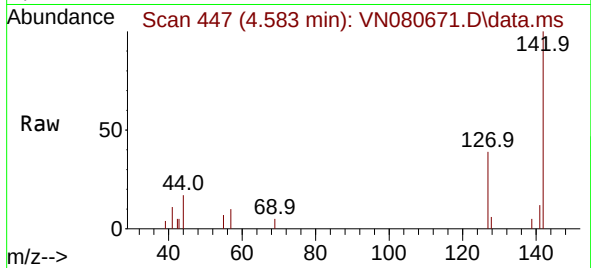
Tgt Ion: 96 Resp: 11965
 Ion Ratio Lower Upper
 96 100
 61 204.9 117.6 176.4#
 98 60.0 48.4 72.6





#11
Methyl Iodide
Concen: 5.077 ug/l m
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

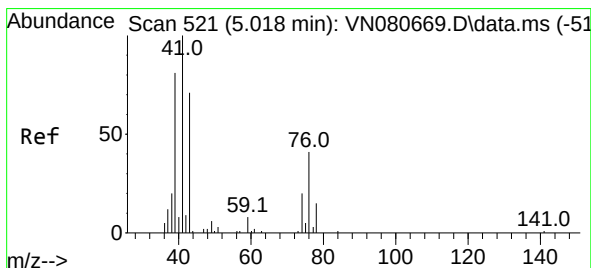
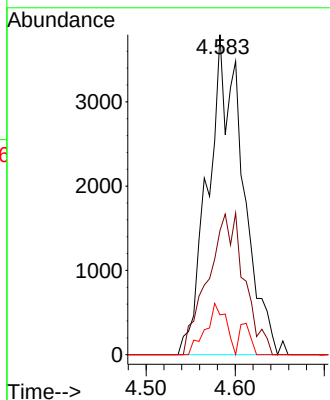
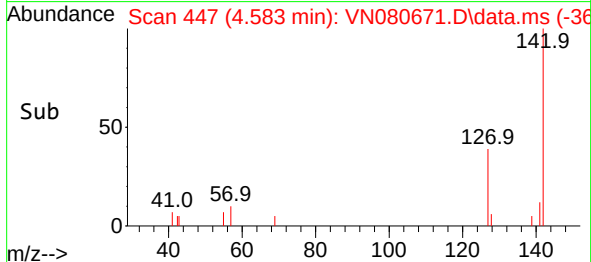
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



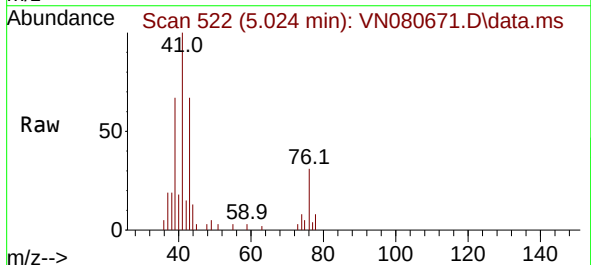
Tgt Ion:142 Resp: 10288
Ion Ratio Lower Upper
142 100
127 38.8 26.3 78.9
141 12.5 8.3 24.9

Manual Integrations
APPROVED

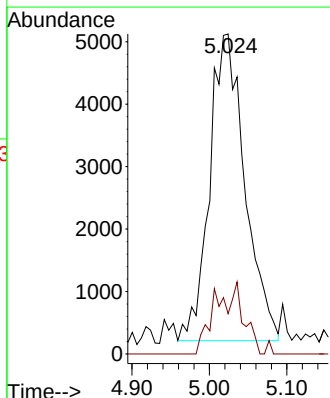
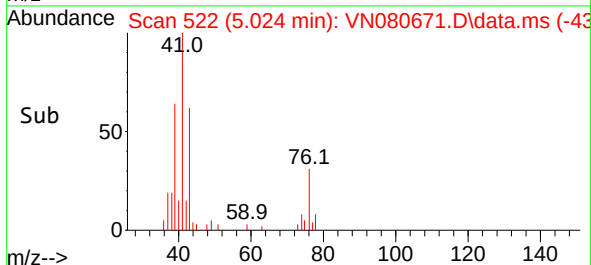
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

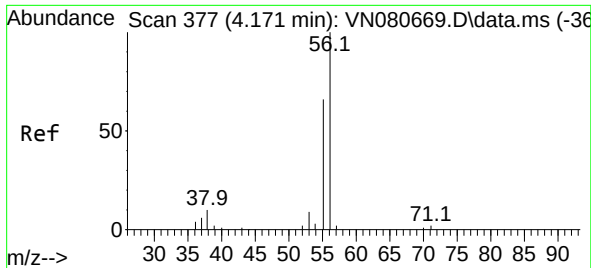


#12
Methyl Acetate
Concen: 5.538 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03



Tgt Ion: 43 Resp: 15566
Ion Ratio Lower Upper
43 100
74 13.3 27.7 41.5#





#13

Acrolein

Concen: 35.376 ug/l m

RT: 4.183 min Scan# 3

Delta R.T. 0.012 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 13250

Ion Ratio Lower Upper

56 100

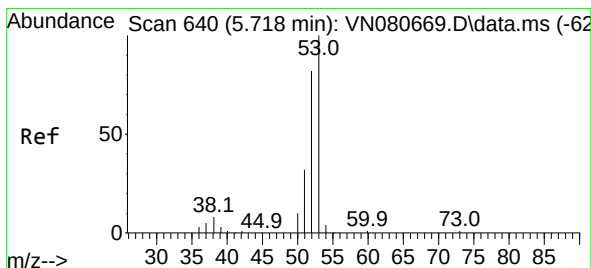
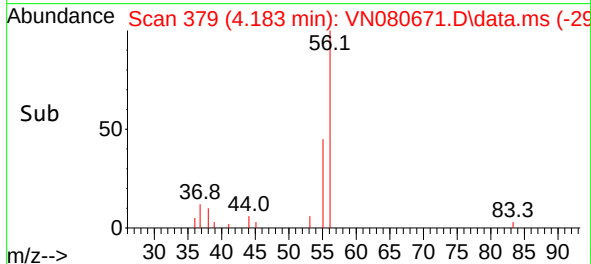
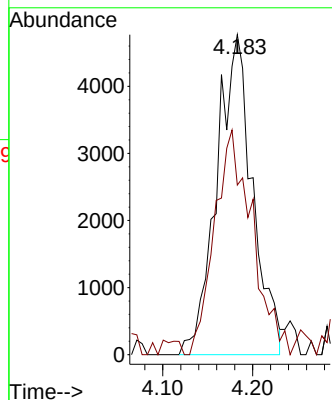
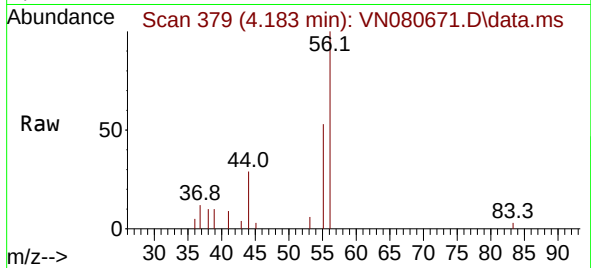
55 1.3 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#14

Acrylonitrile

Concen: 26.630 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

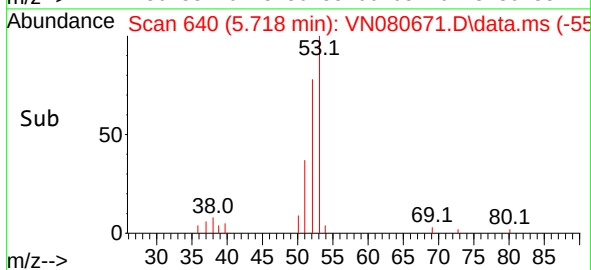
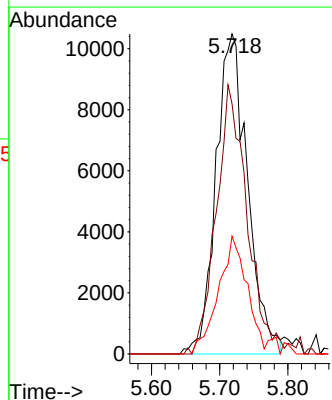
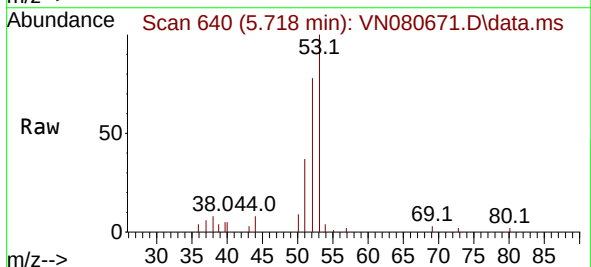
Tgt Ion: 53 Resp: 33732

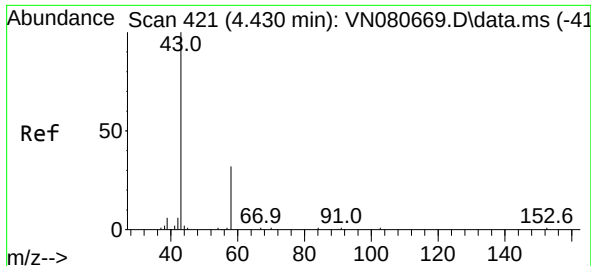
Ion Ratio Lower Upper

53 100

52 80.0 41.3 123.9

51 33.4 16.8 50.3





#15

Acetone

Concen: 27.125 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 779

Ion Ratio Lower Upper

58 100

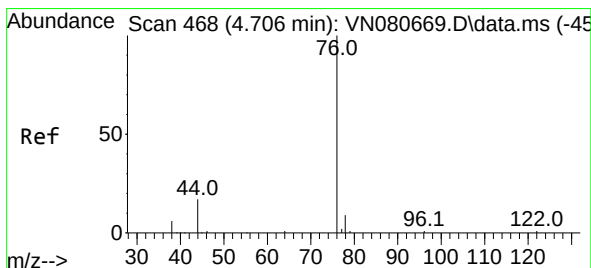
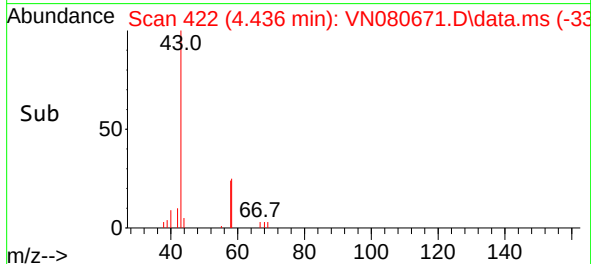
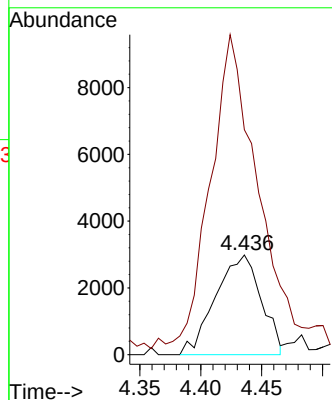
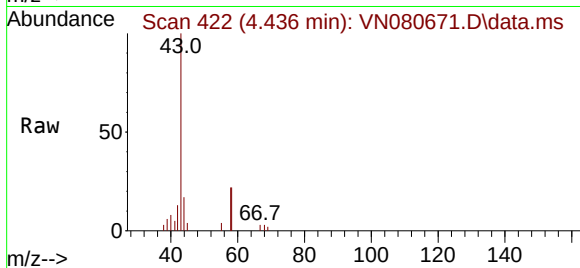
43 206.8 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#16

Carbon Disulfide

Concen: 5.446 ug/l m

RT: 4.700 min Scan# 467

Delta R.T. -0.006 min

Lab File: VN080671.D

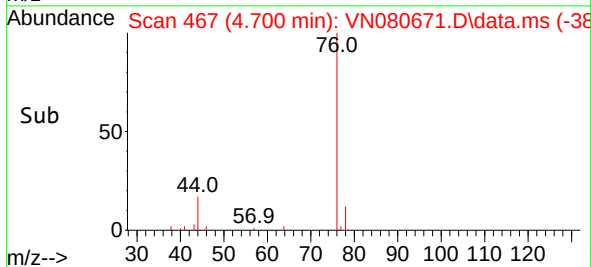
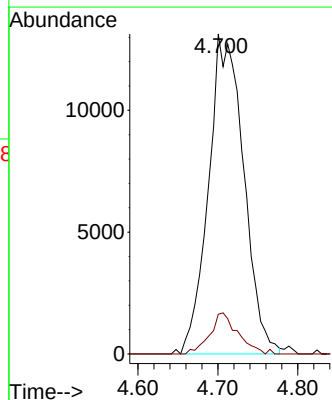
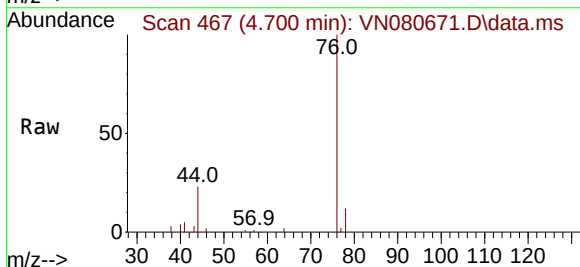
Acq: 11 Jan 2024 12:03

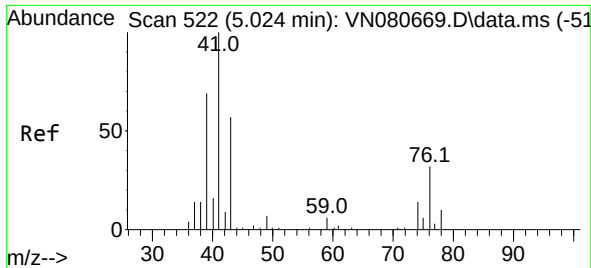
Tgt Ion: 76 Resp: 40087

Ion Ratio Lower Upper

76 100

78 12.4 6.3 9.5





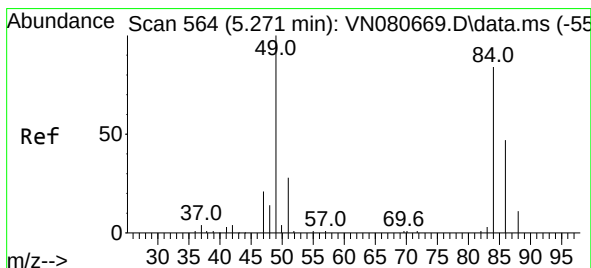
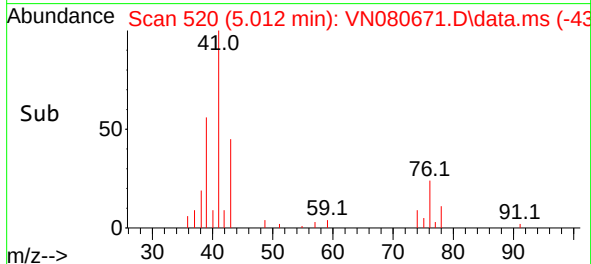
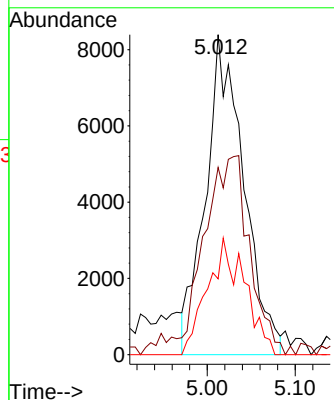
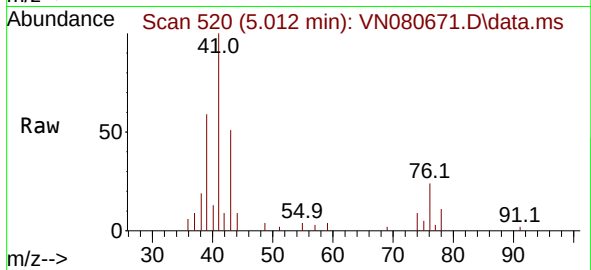
#17
 Allyl chloride
 Concen: 5.216 ug/l m
 RT: 5.012 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 41 Resp: 25294
 Ion Ratio Lower Upper
 41 100
 39 58.5 37.6 112.9
 76 23.7 27.8 83.4

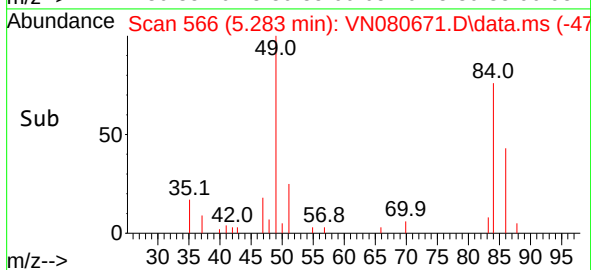
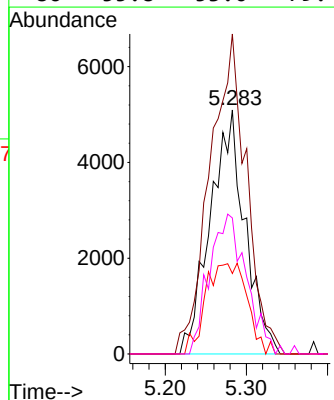
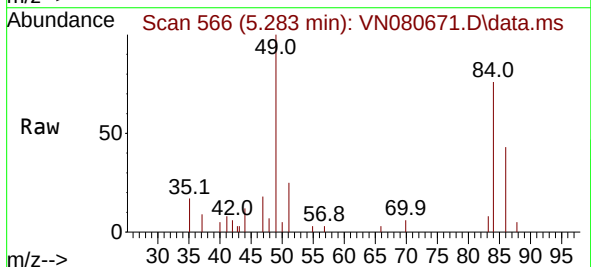
Manual Integrations
 APPROVED

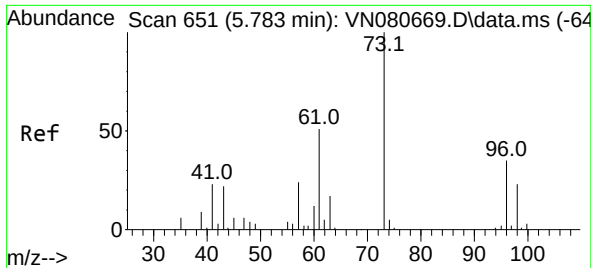
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#18
 Methylene Chloride
 Concen: 5.488 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03

Tgt Ion: 84 Resp: 15152
 Ion Ratio Lower Upper
 84 100
 49 128.0 86.0 129.0
 51 33.0 30.0 45.0
 86 55.8 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 5.072 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

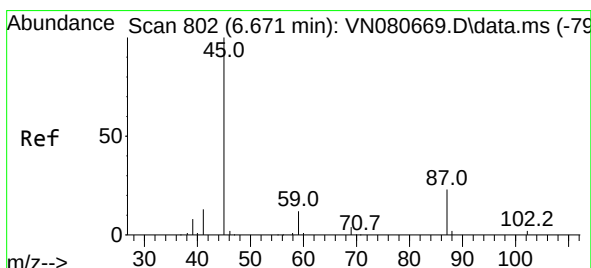
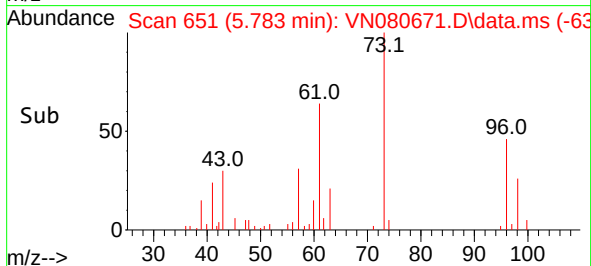
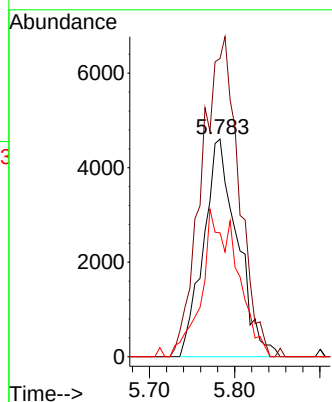
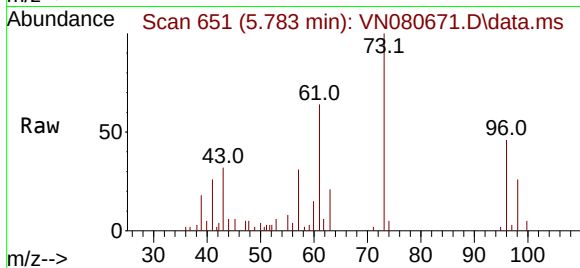
Tgt Ion: 96 Resp: 12669
Ion Ratio Lower Upper
96 100
61 133.1 111.8 167.6
98 56.9 49.2 73.8

Manual Integrations

APPROVED

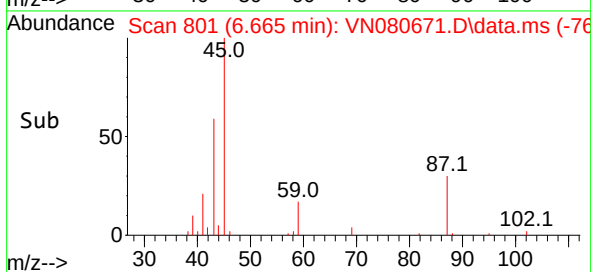
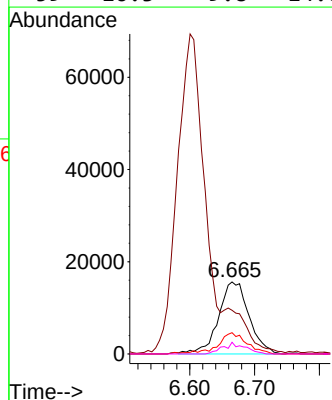
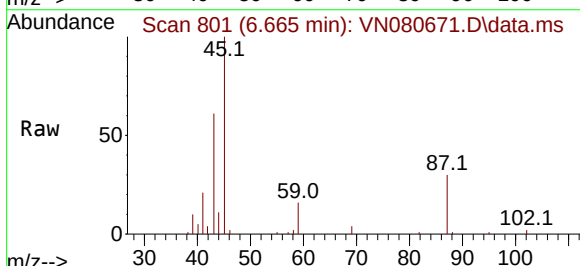
Reviewed By :John Carlone 01/12/2024

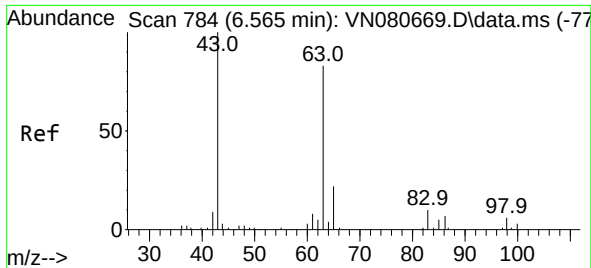
Supervised By :Semsettin Yesilyurt 01/12/2024



#20
Diisopropyl ether
Concen: 5.231 ug/l m
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 45 Resp: 51023
Ion Ratio Lower Upper
45 100
43 60.6 40.4 60.6#
87 29.6 23.8 35.8
59 16.3 9.8 14.6#





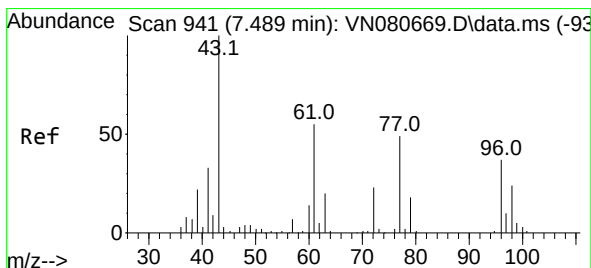
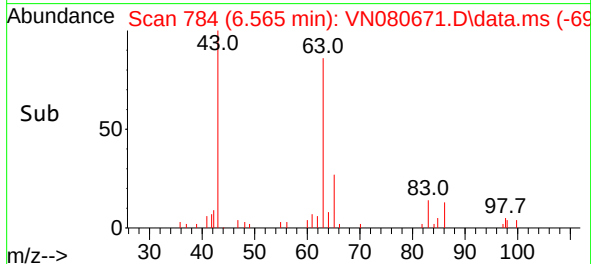
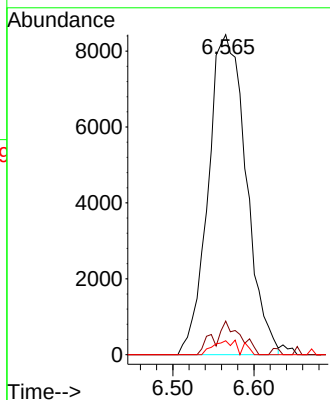
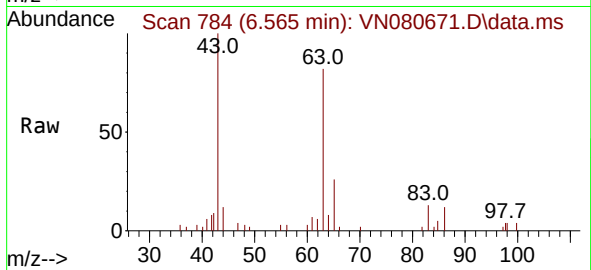
#21
1,1-Dichloroethane
Concen: 5.152 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 27309
Ion Ratio Lower Upper
63 100
98 10.5 4.1 12.3
100 4.4 3.0 9.0

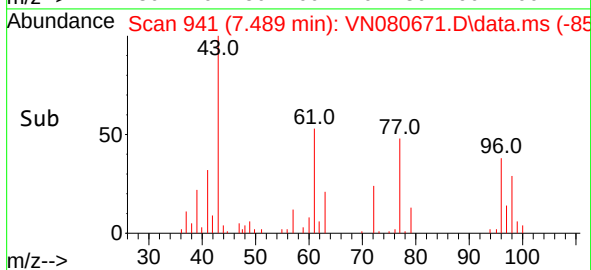
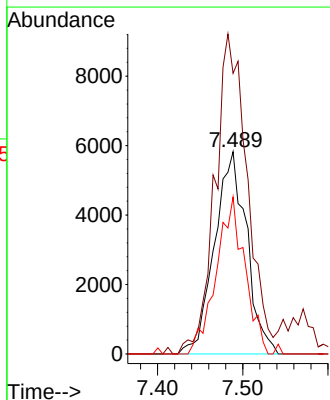
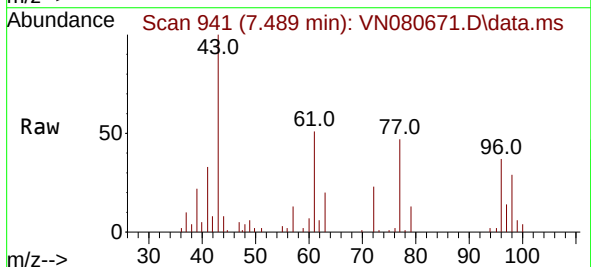
Manual Integrations
APPROVED

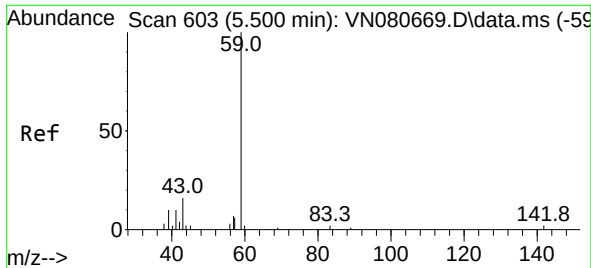
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#22
cis-1,2-Dichloroethene
Concen: 5.211 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 96 Resp: 15235
Ion Ratio Lower Upper
96 100
61 156.4 113.5 170.3
98 69.1 52.0 78.0





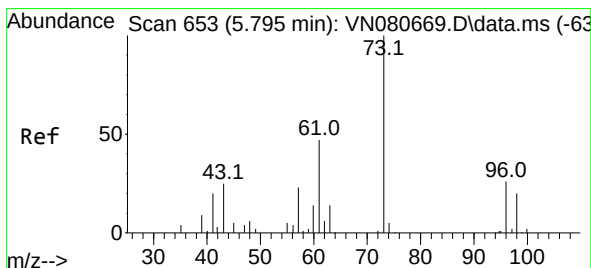
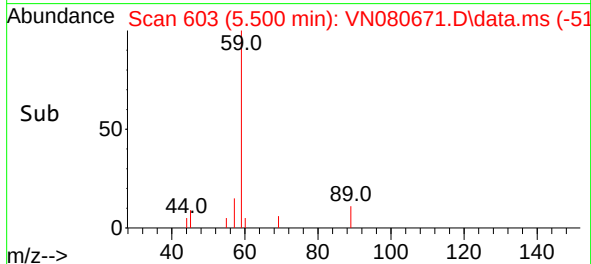
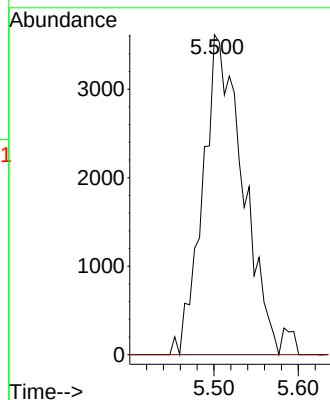
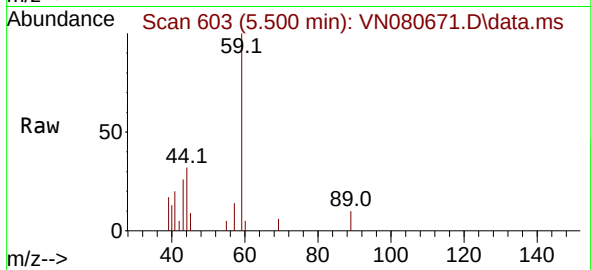
#23
tert-Butyl Alcohol
Concen: 27.078 ug/l m
RT: 5.500 min Scan# 603
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 11832
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

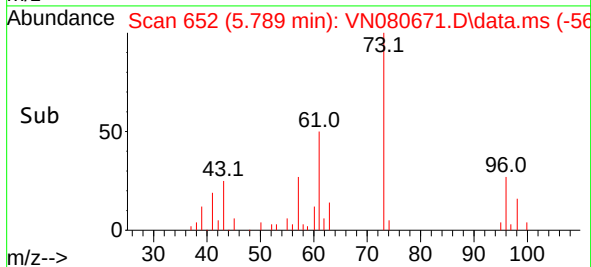
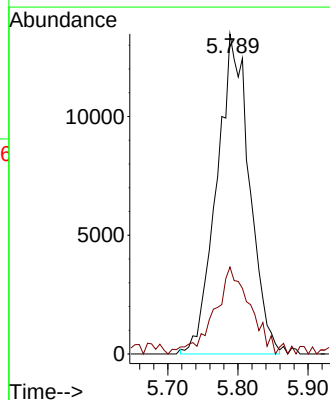
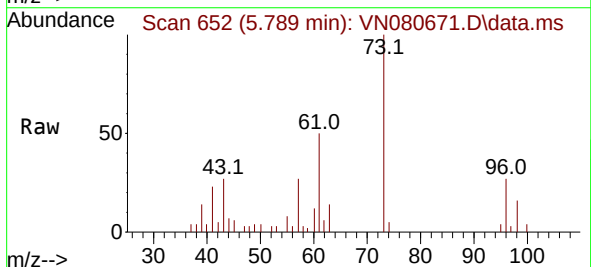
Manual Integrations
APPROVED

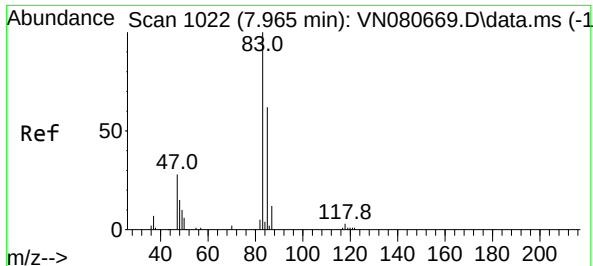
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#24
Methyl tert-Butyl Ether
Concen: 5.079 ug/l m
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 73 Resp: 43636
Ion Ratio Lower Upper
73 100
43 22.0 13.4 20.2#





#25

Chloroform

Concen: 5.354 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 26420

Ion Ratio Lower Upper

83 100

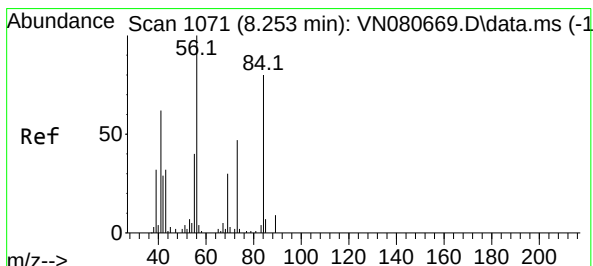
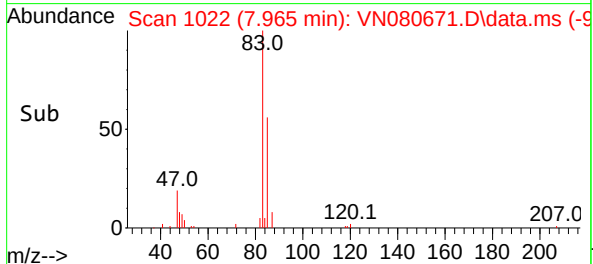
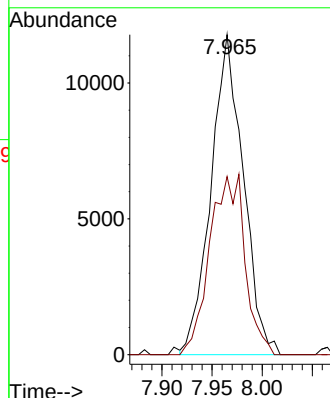
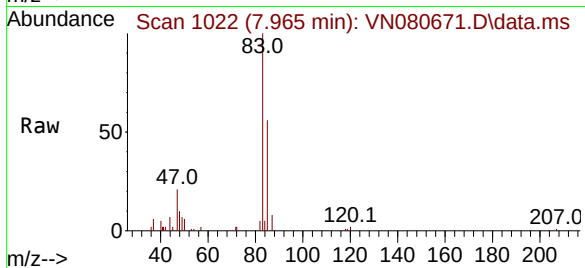
85 55.7 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#26

Cyclohexane

Concen: 5.141 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

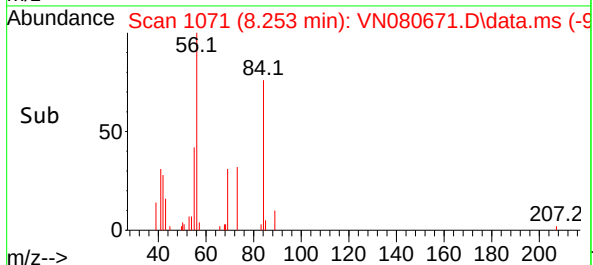
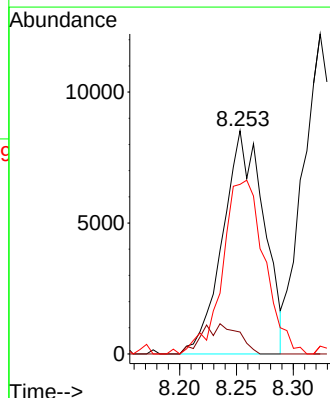
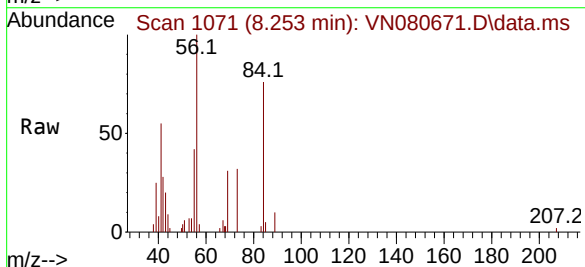
Tgt Ion: 56 Resp: 21428

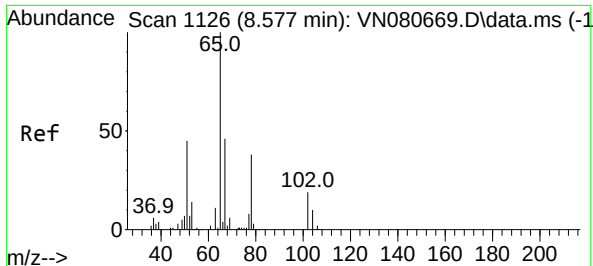
Ion Ratio Lower Upper

56 100

89 7.3 19.3 28.9#

84 75.7 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.073 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

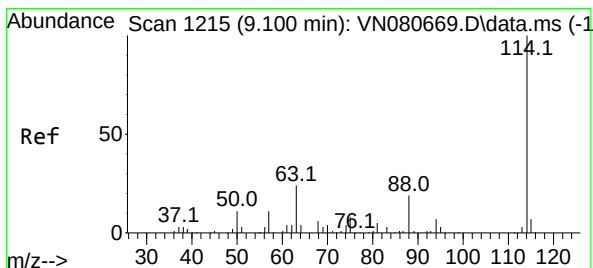
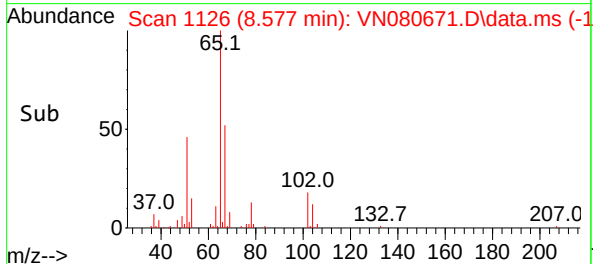
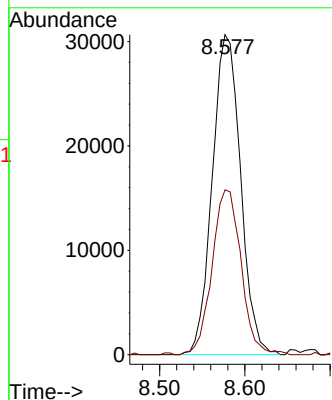
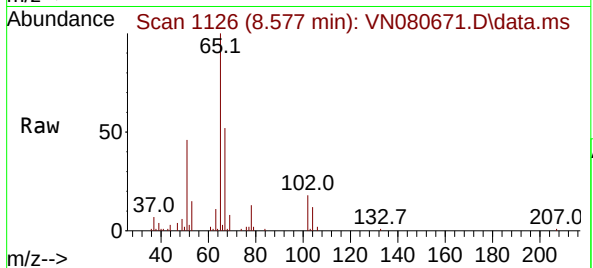
VSTDICC005

Tgt Ion: 65 Resp: 7085
Ion Ratio Lower Upper
65 100
67 52.4 43.2 64.8

Manual Integrations

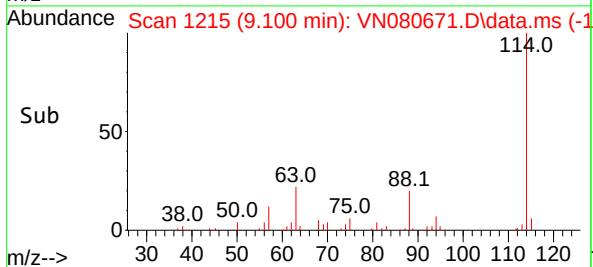
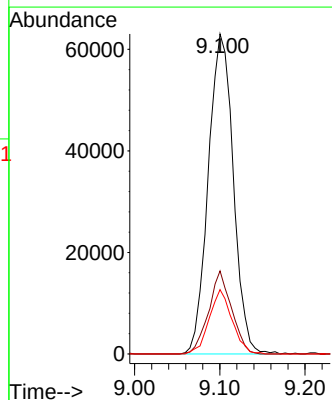
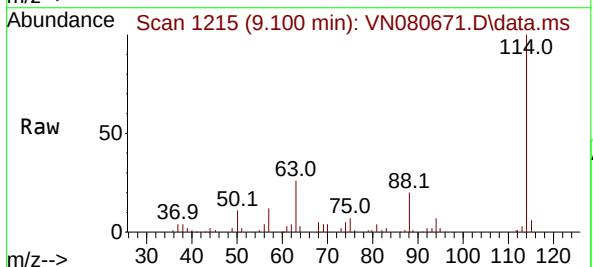
APPROVED

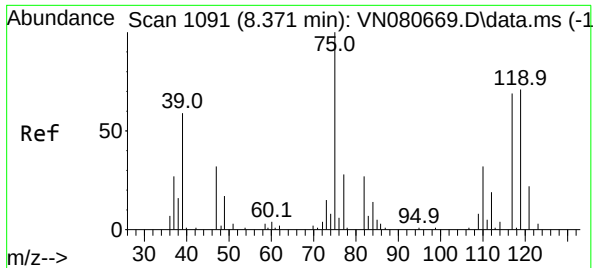
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion:114 Resp: 128642
Ion Ratio Lower Upper
114 100
63 23.8 15.9 23.9
88 18.3 12.7 19.1





#29
1,1-Dichloropropene
Concen: 5.023 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

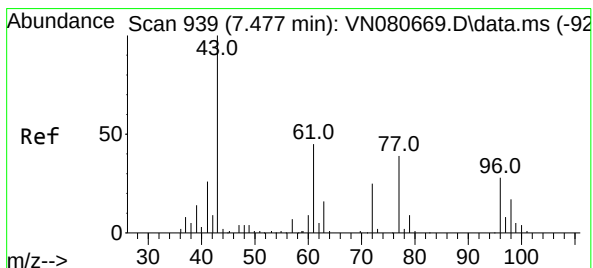
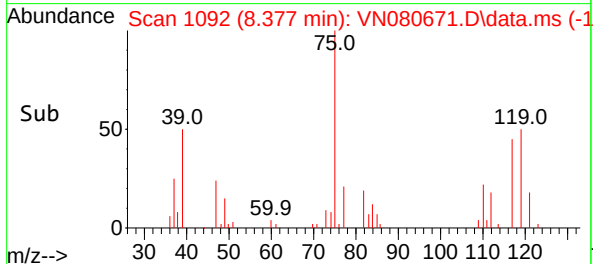
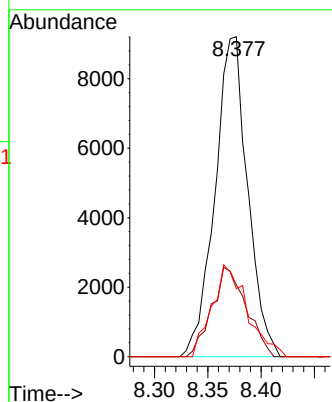
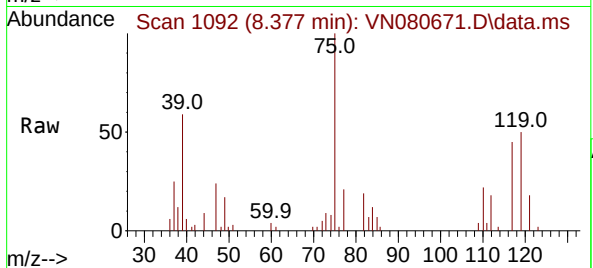
Tgt Ion: 75 Resp: 19644
Ion Ratio Lower Upper
75 100
110 29.5 0.0 70.2
77 30.7 0.0 61.4

Manual Integrations

APPROVED

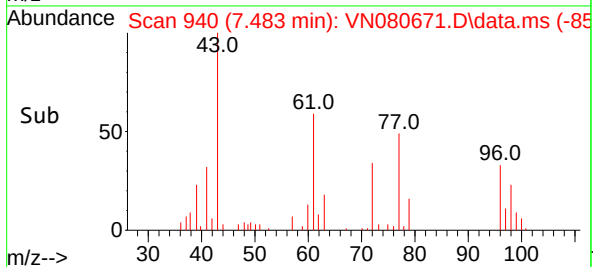
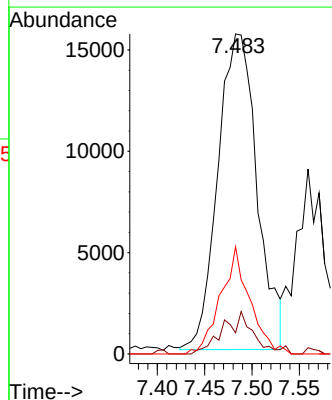
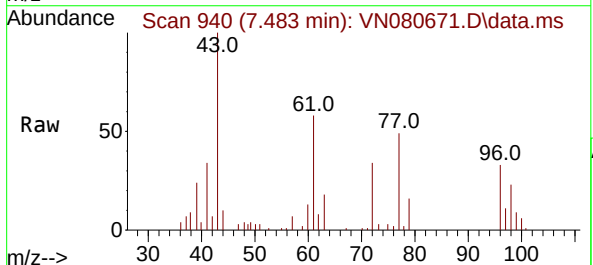
Reviewed By :John Carlone 01/12/2024

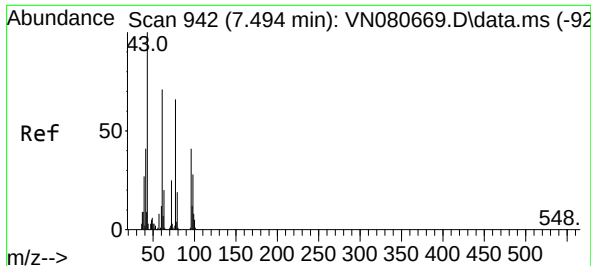
Supervised By :Semsettin Yesilyurt 01/12/2024



#30
2-Butanone
Concen: 25.946 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 43 Resp: 44897
Ion Ratio Lower Upper
43 100
57 4.9 6.7 10.1#
72 24.7 24.0 36.0





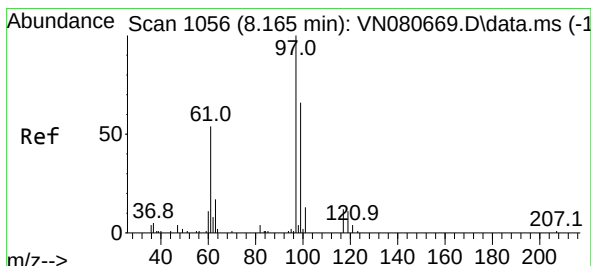
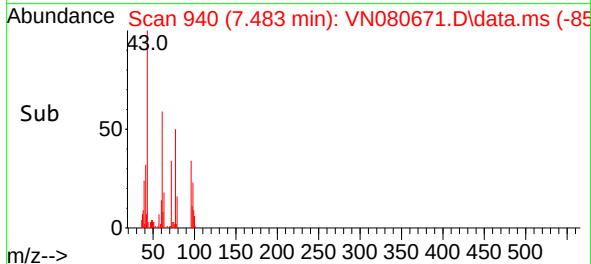
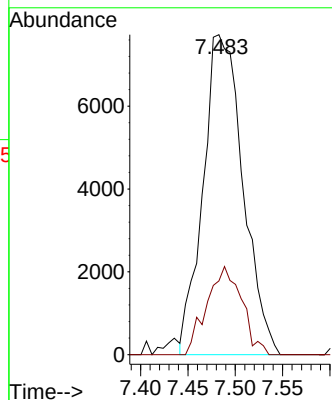
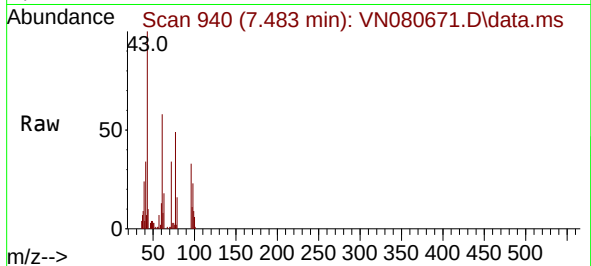
#31
2,2-Dichloropropane
Concen: 4.832 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.011 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 2269
Ion Ratio Lower Upper
77 100
97 23.3 18.3 27.5

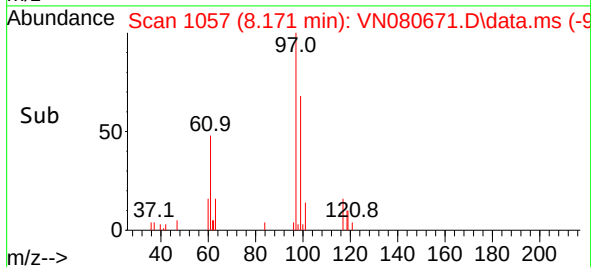
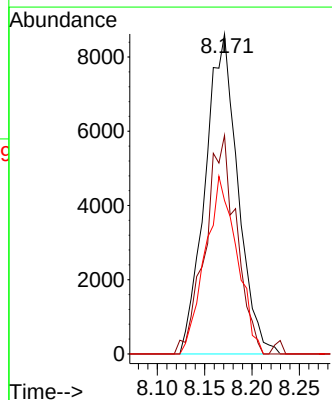
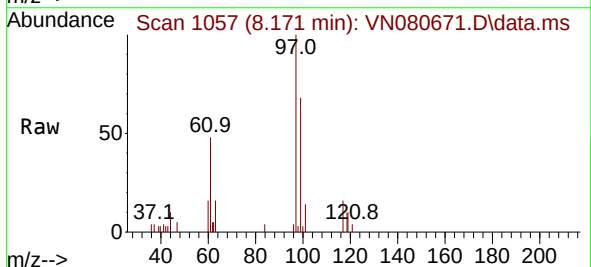
Manual Integrations
APPROVED

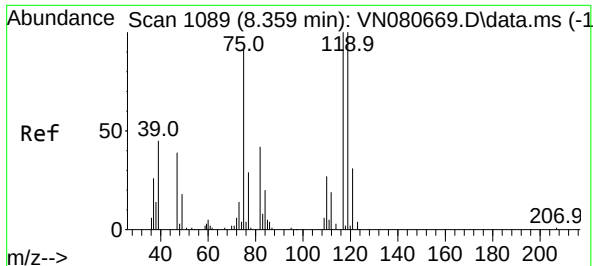
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#32
1,1,1-Trichloroethane
Concen: 4.803 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

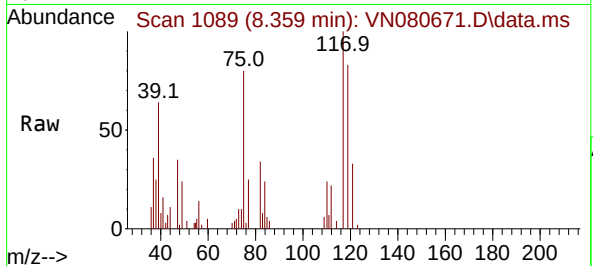
Tgt Ion: 97 Resp: 20668
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.4
61 54.1 33.8 50.8#





#33
Carbon Tetrachloride
Concen: 4.790 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

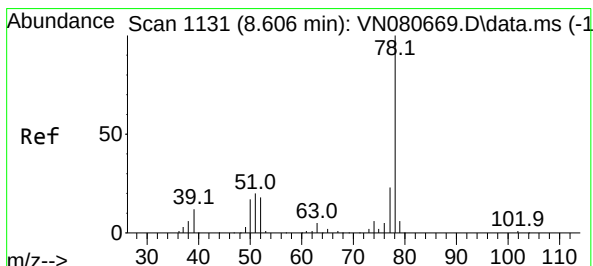
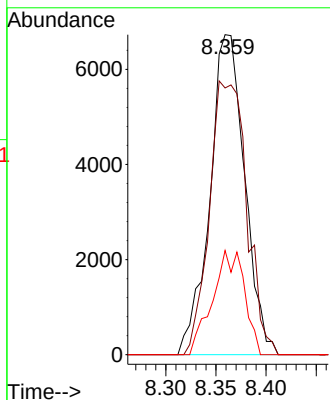
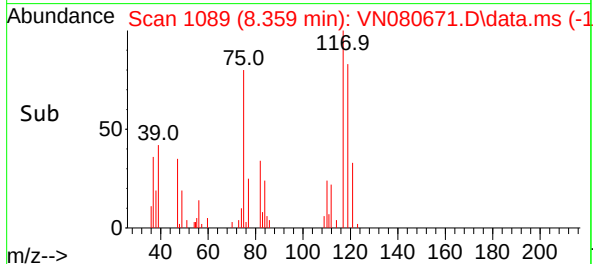
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 16278
Ion Ratio Lower Upper
117 100
119 83.3 77.7 116.5
121 32.5 27.0 40.6

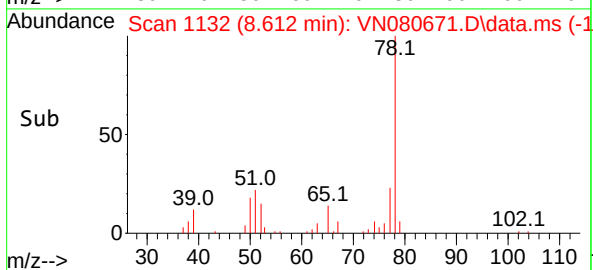
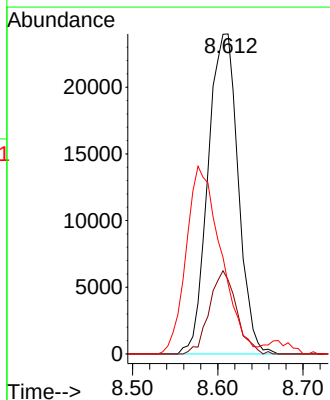
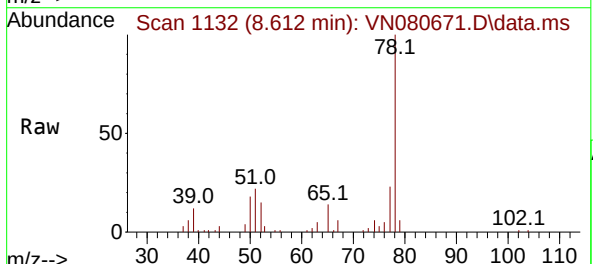
Manual Integrations
APPROVED

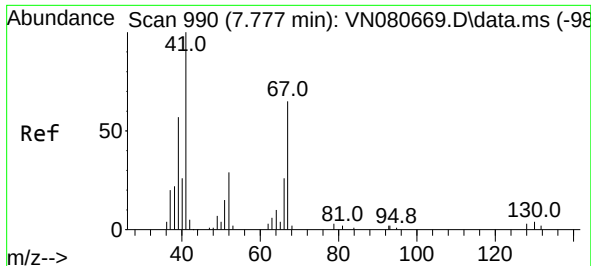
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#34
Benzene
Concen: 5.074 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 78 Resp: 58849
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8
51 17.7 13.3 19.9





#35
Methacrylonitrile
Concen: 4.616 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

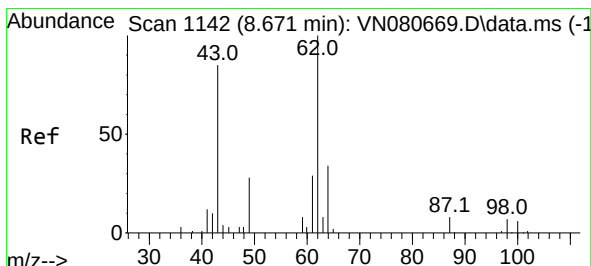
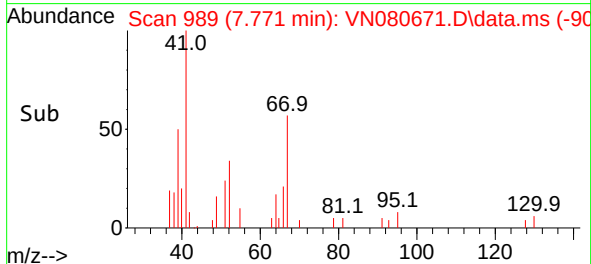
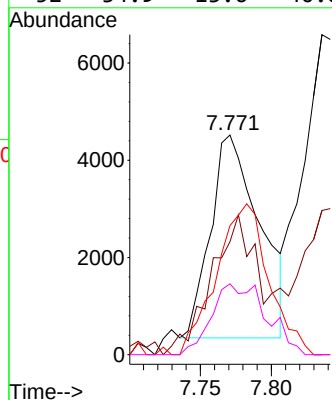
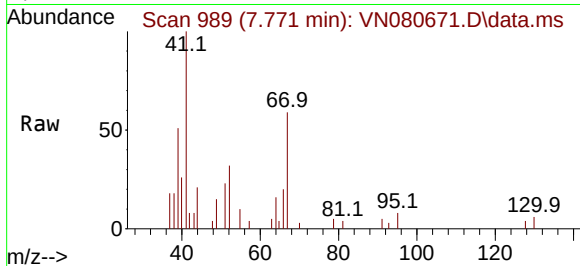
VSTDICC005

Tgt Ion: 41 Resp: 10024
Ion Ratio Lower Upper
41 100
39 45.4 25.3 75.9
67 63.5 38.7 116.1
52 34.9 13.6 40.8

Manual Integrations

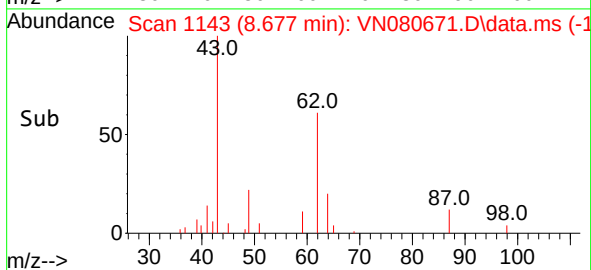
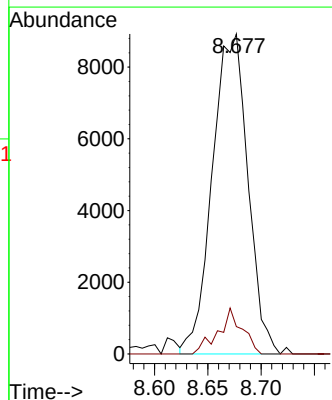
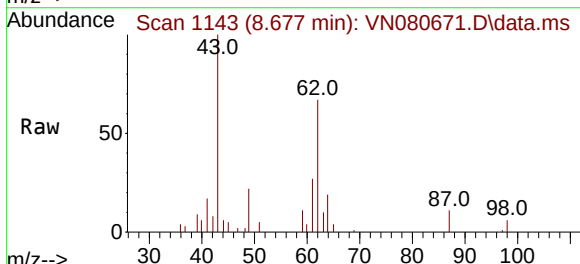
APPROVED

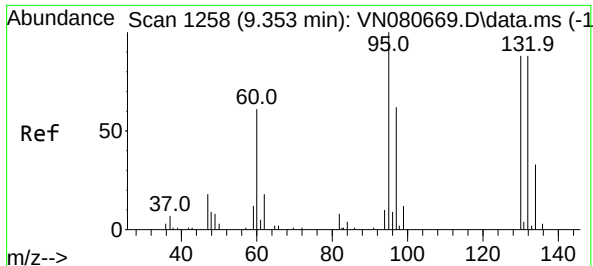
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#36
1,2-Dichloroethane
Concen: 4.842 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 62 Resp: 20650
Ion Ratio Lower Upper
62 100
98 9.6 8.2 12.4





#37

Trichloroethene

Concen: 5.134 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 1298

Ion Ratio Lower Upper

130 100

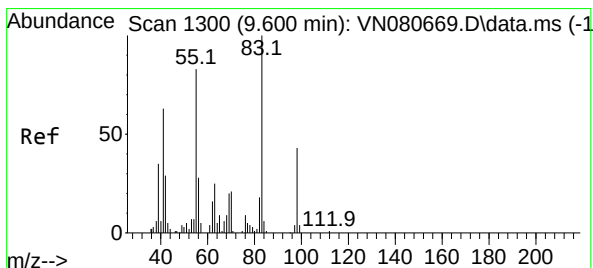
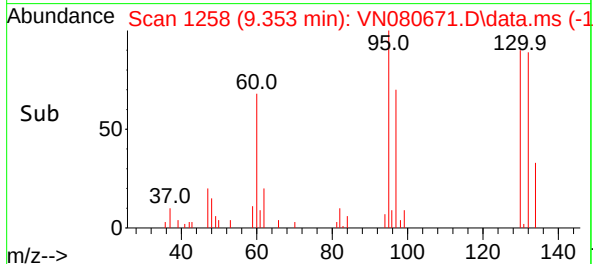
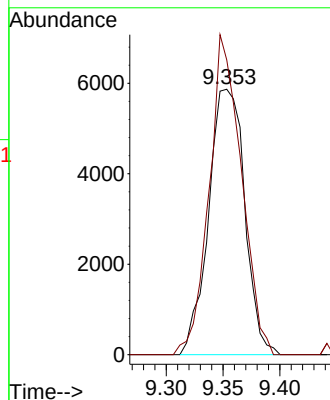
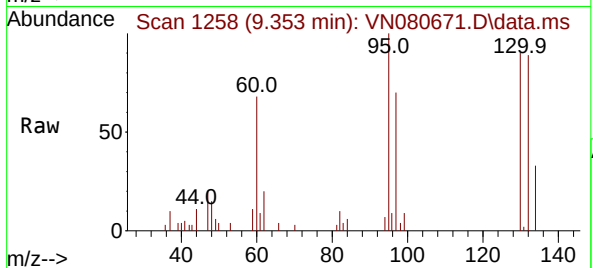
95 111.0 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#38

Methylcyclohexane

Concen: 4.828 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

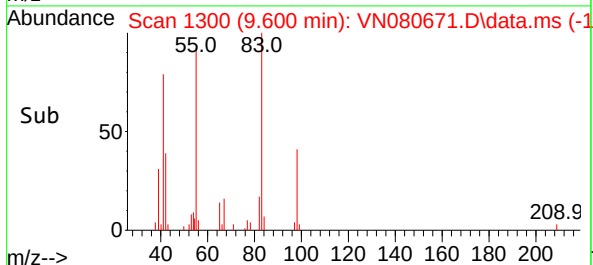
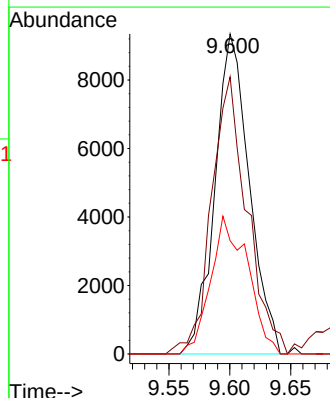
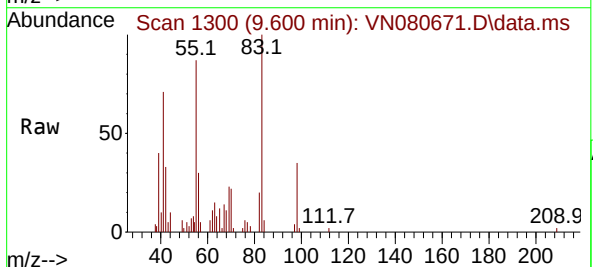
Tgt Ion: 83 Resp: 18392

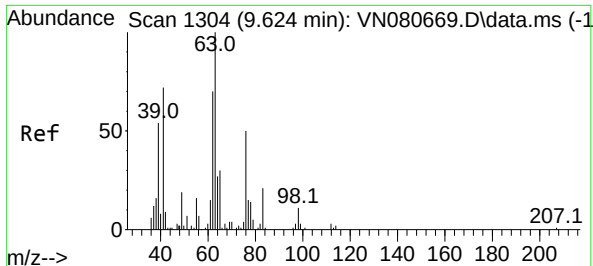
Ion Ratio Lower Upper

83 100

55 89.1 36.6 109.9

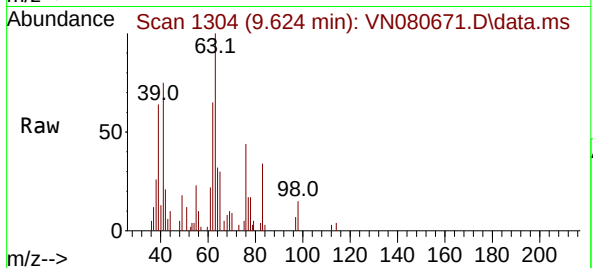
98 32.0 23.8 71.5





#39
1,2-Dichloropropane
Concen: 4.982 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

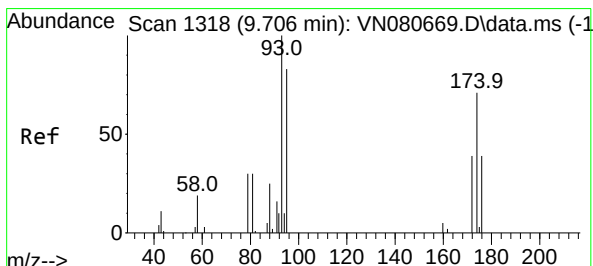
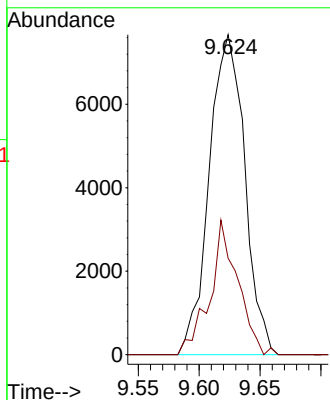
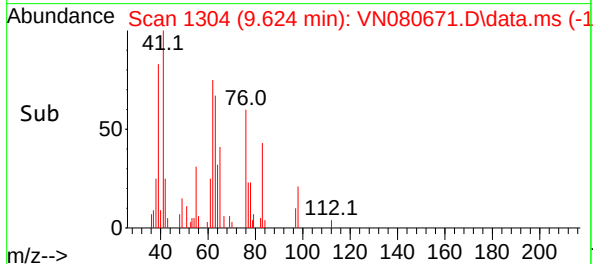
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 63 Resp: 15570
Ion Ratio Lower Upper
63 100
65 30.2 25.0 37.4

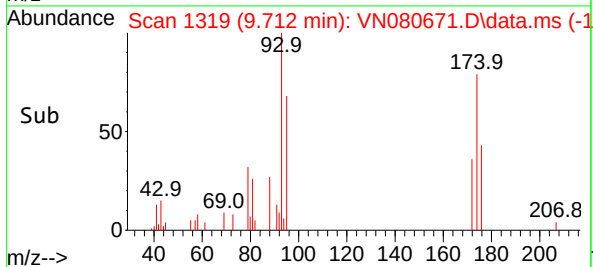
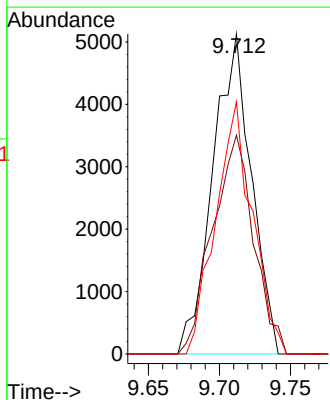
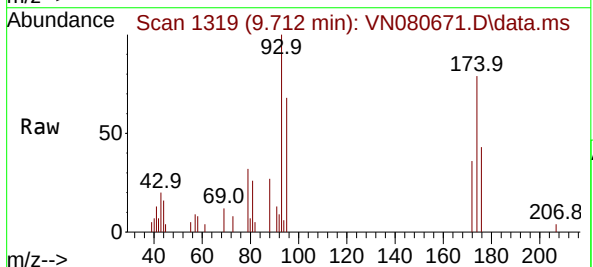
Manual Integrations
APPROVED

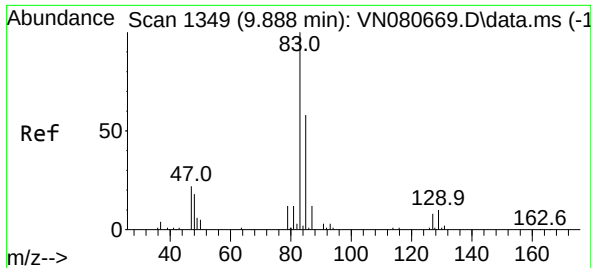
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#40
Dibromomethane
Concen: 5.196 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 93 Resp: 9665
Ion Ratio Lower Upper
93 100
95 73.2 0.0 164.6
174 75.2 0.0 193.2





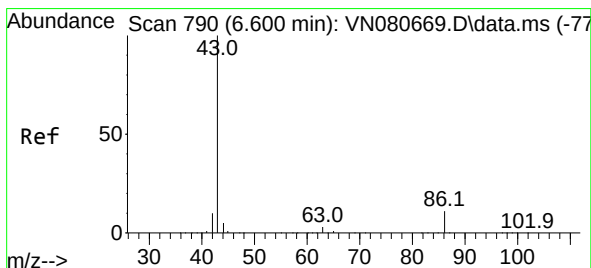
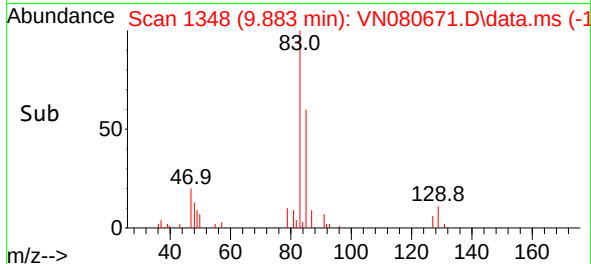
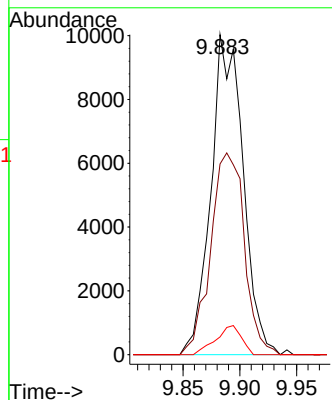
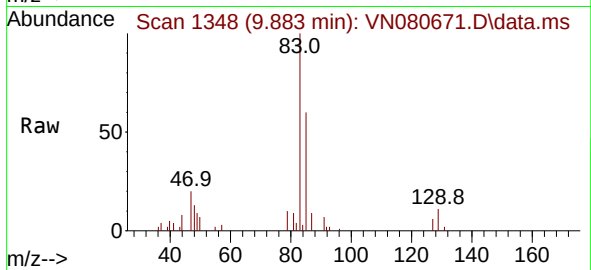
#41
Bromodichloromethane
Concen: 4.838 ug/l
RT: 9.883 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 19692
Ion Ratio Lower Upper
83 100
85 59.6 49.4 74.2
127 5.6 7.3 10.9

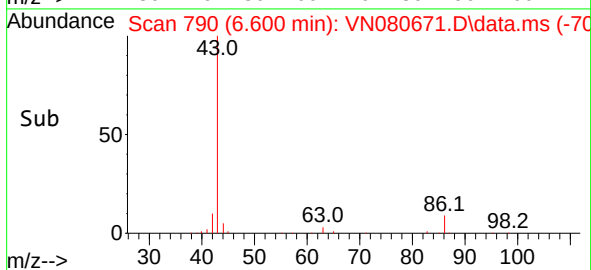
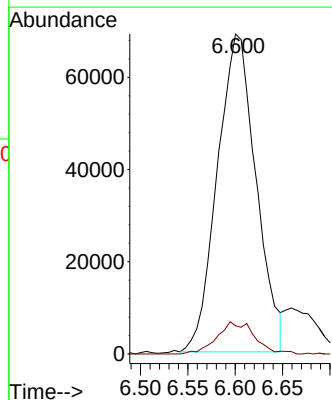
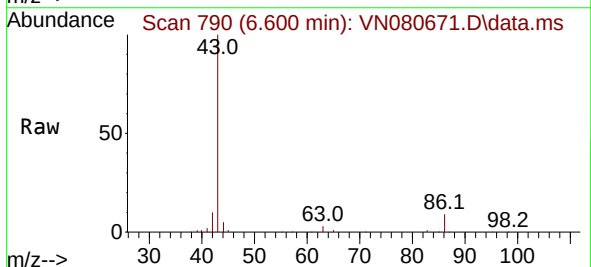
Manual Integrations
APPROVED

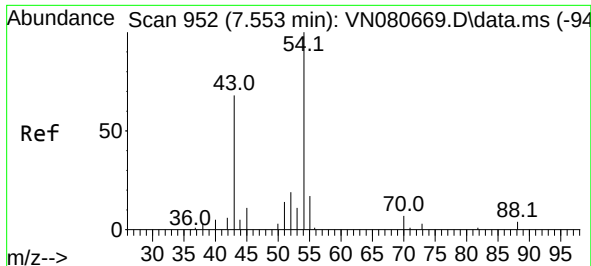
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#42
Vinyl Acetate
Concen: 24.364 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 43 Resp: 195945
Ion Ratio Lower Upper
43 100
86 6.4 9.4 14.2#





#43

Ethyl Acetate

Concen: 4.562 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 1657

Ion Ratio Lower Upper

43 100

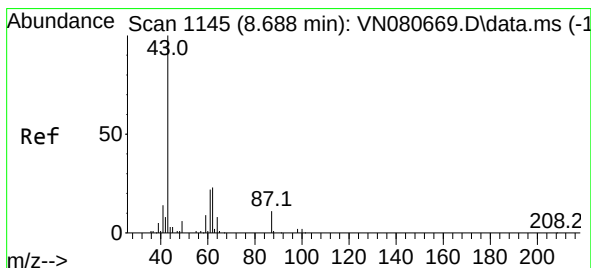
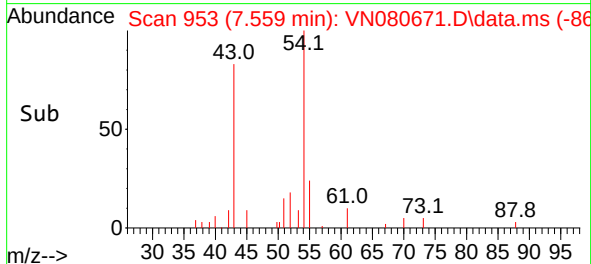
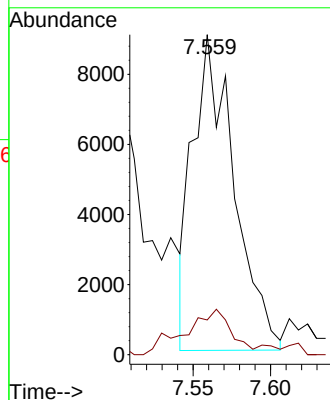
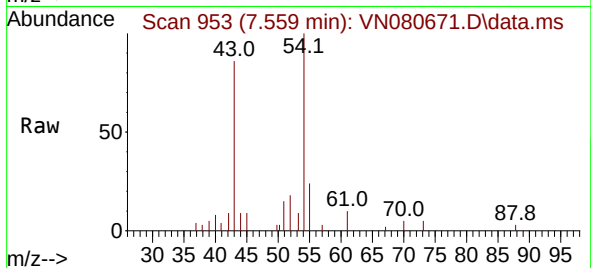
45 12.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#44

Isopropyl Acetate

Concen: 5.028 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080671.D

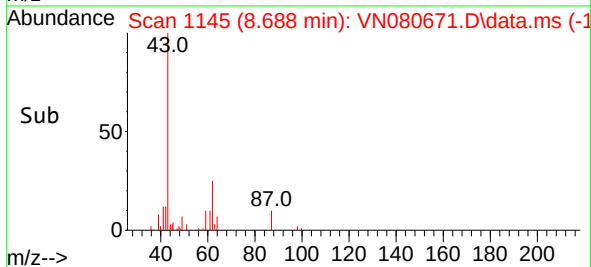
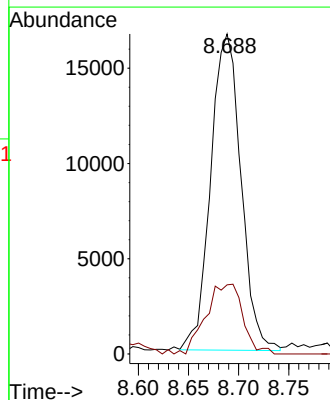
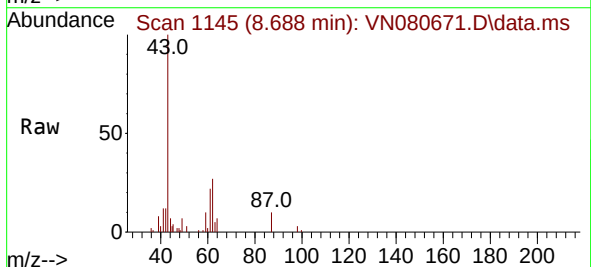
Acq: 11 Jan 2024 12:03

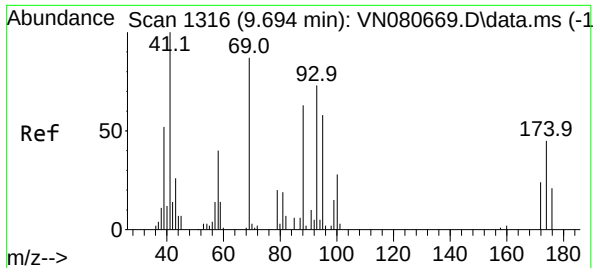
Tgt Ion: 43 Resp: 34875

Ion Ratio Lower Upper

43 100

61 13.2 25.0 37.4#





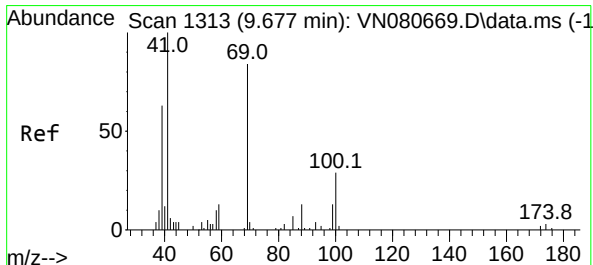
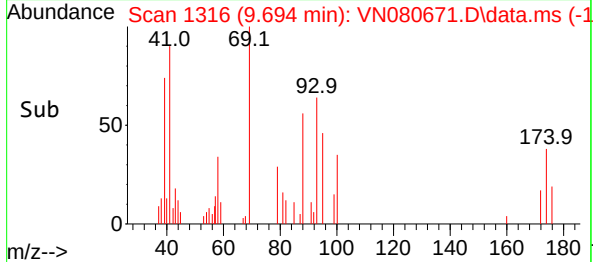
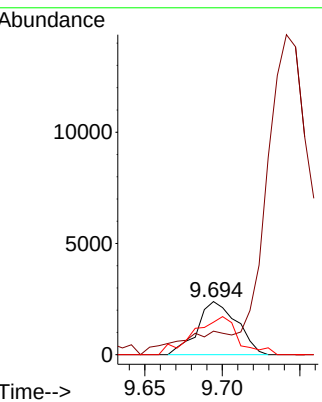
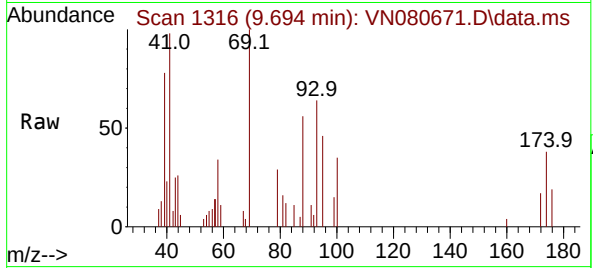
#45
1,4-Dioxane
Concen: 107.660 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 424
Ion Ratio Lower Upper
88 100
43 59.5 19.8 29.6
58 77.8 55.4 83.0

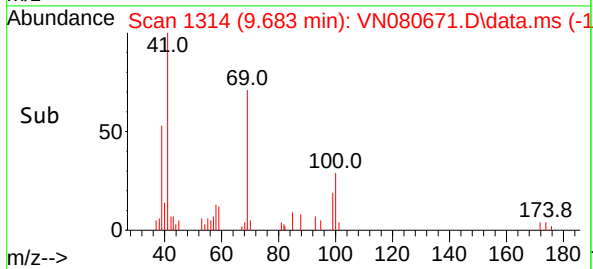
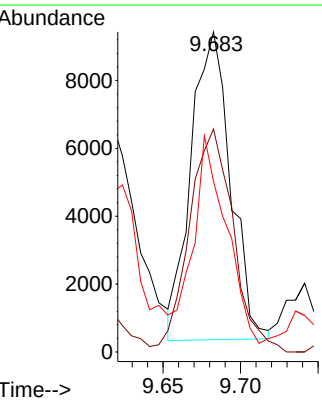
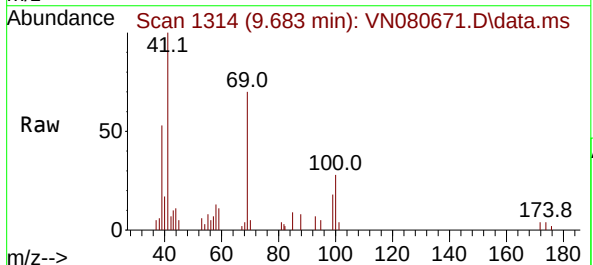
Manual Integrations
APPROVED

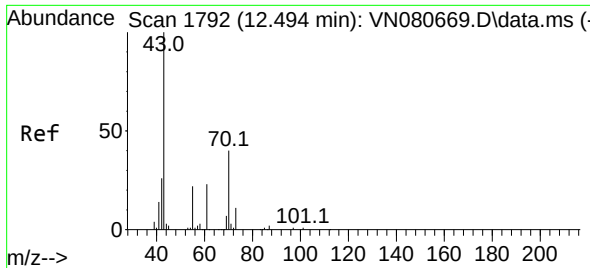
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#46
Methyl methacrylate
Concen: 4.937 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

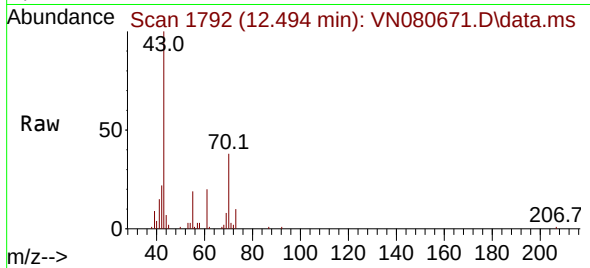
Tgt Ion: 41 Resp: 16124
Ion Ratio Lower Upper
41 100
69 71.0 51.1 153.3
39 52.7 25.8 77.3





#47
n-amyl acetate
Concen: 5.201 ug/l m
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

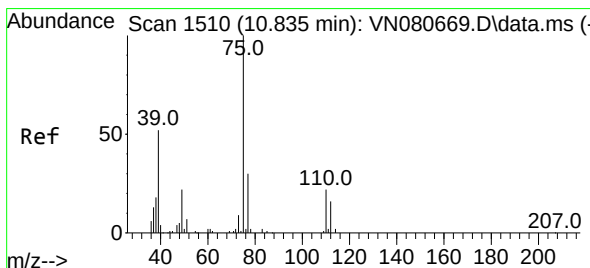
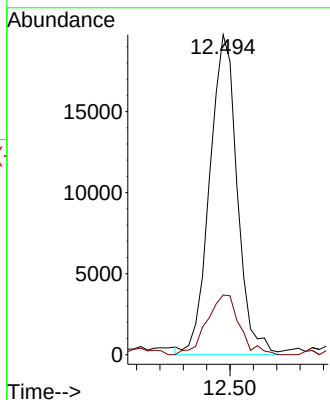
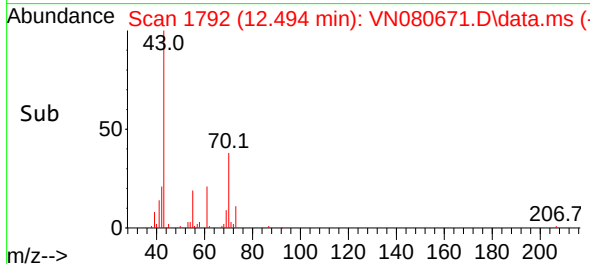
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 3234
Ion Ratio Lower Upper
43 100
55 0.3 23.4 35.2

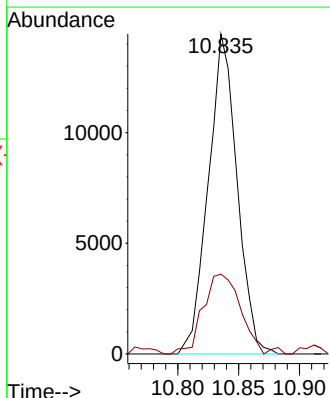
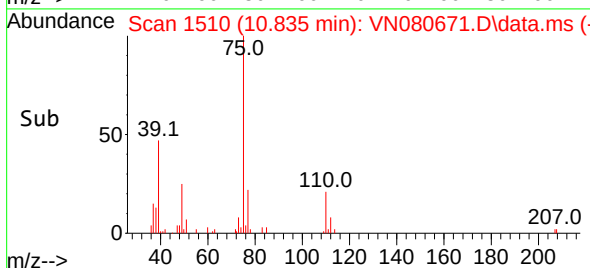
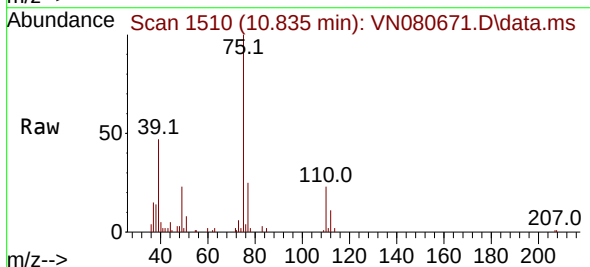
Manual Integrations
APPROVED

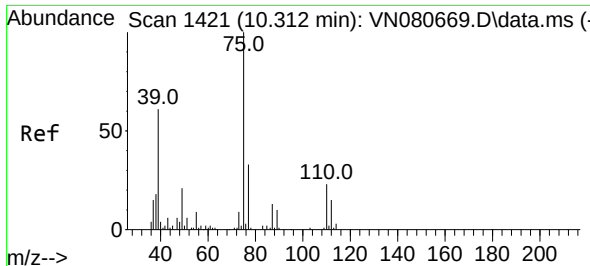
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#48
t-1,3-Dichloropropene
Concen: 4.959 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

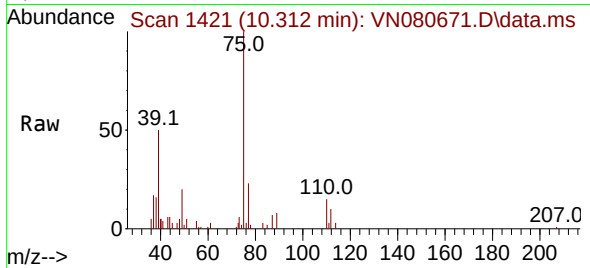
Tgt Ion: 75 Resp: 23786
Ion Ratio Lower Upper
75 100
77 23.4 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 4.879 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03

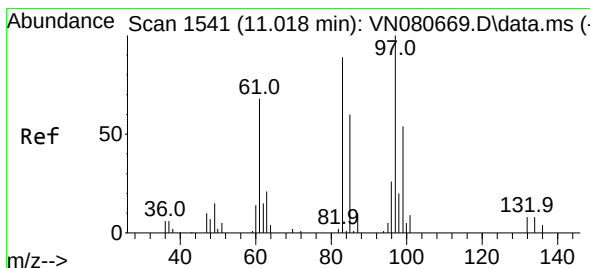
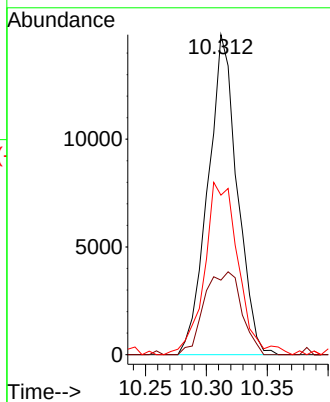
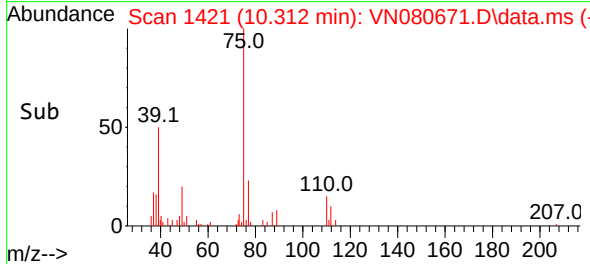
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005



Tgt Ion: 75 Resp: 24838
 Ion Ratio Lower Upper
 75 100
 77 23.3 24.9 37.3
 39 48.2 31.0 46.6

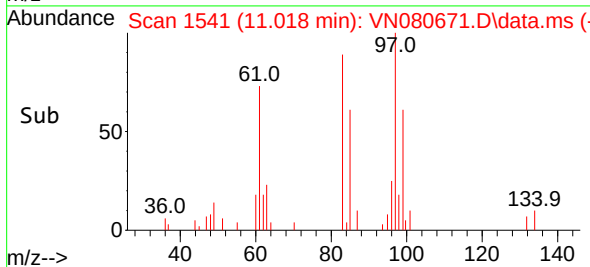
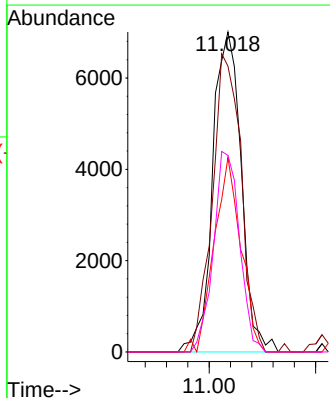
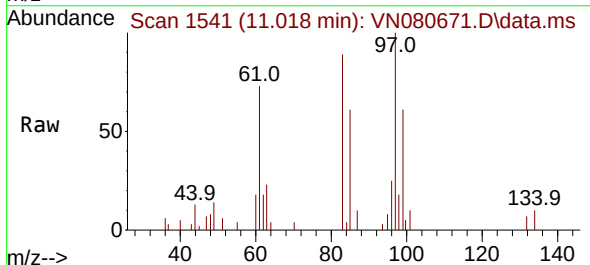
Manual Integrations
 APPROVED

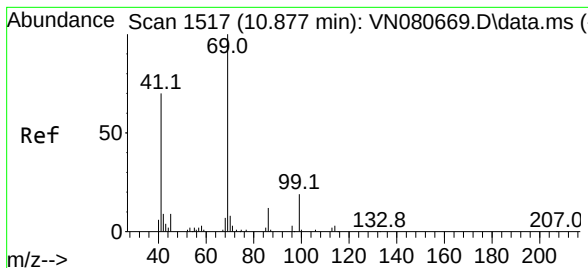
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#50
 1,1,2-Trichloroethane
 Concen: 5.093 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03

Tgt Ion: 97 Resp: 13011
 Ion Ratio Lower Upper
 97 100
 83 89.3 68.1 102.1
 85 60.8 41.8 62.6
 99 61.5 47.0 70.4





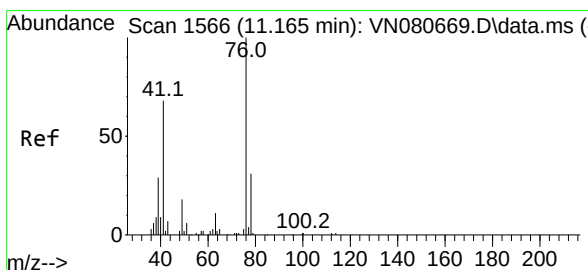
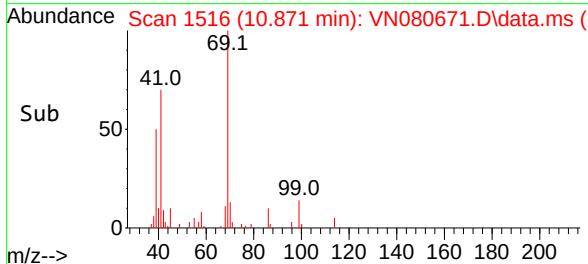
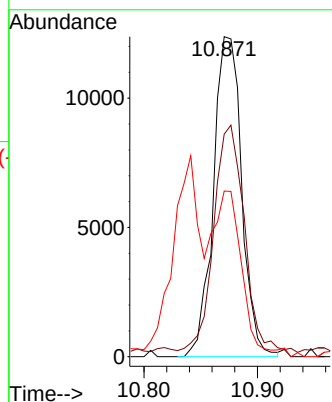
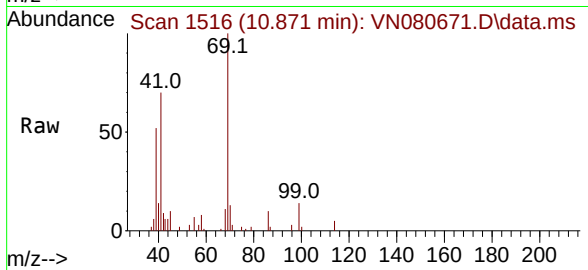
#51
Ethyl methacrylate
Concen: 4.854 ug/l m
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 69 Resp: 2143
Ion Ratio Lower Upper
69 100
41 69.5 25.5 76.5
39 51.8 16.0 47.9

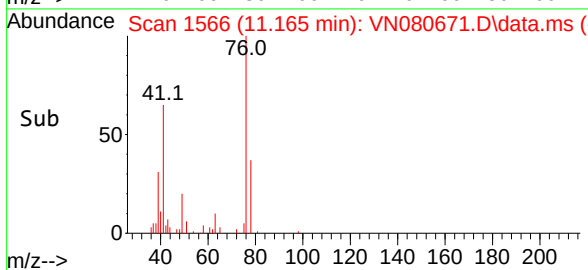
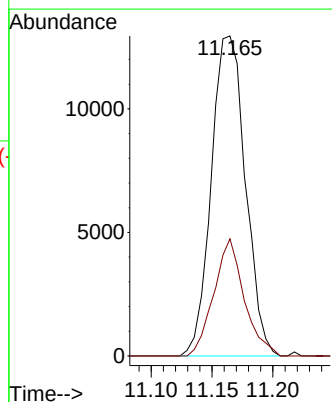
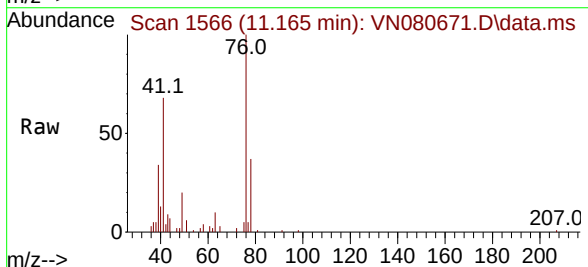
Manual Integrations
APPROVED

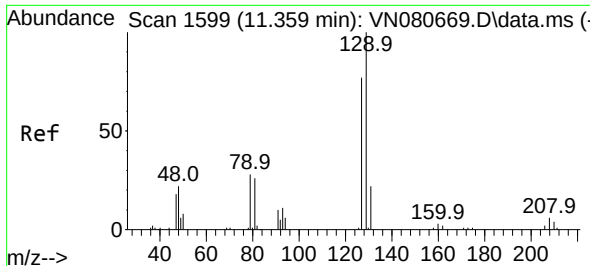
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#52
1,3-Dichloropropane
Concen: 5.247 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

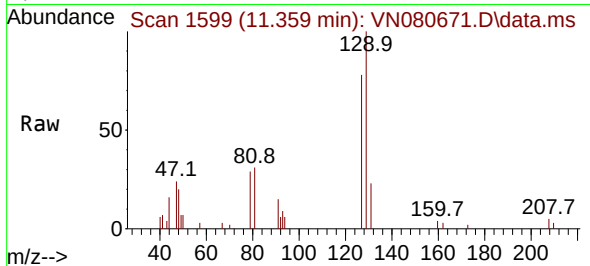
Tgt Ion: 76 Resp: 25235
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.8





#53
Dibromochloromethane
Concen: 4.517 ug/l
RT: 11.359 min Scan# 11540
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

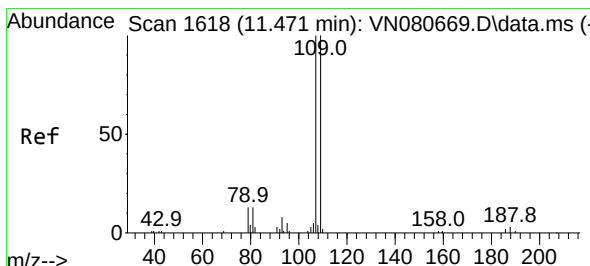
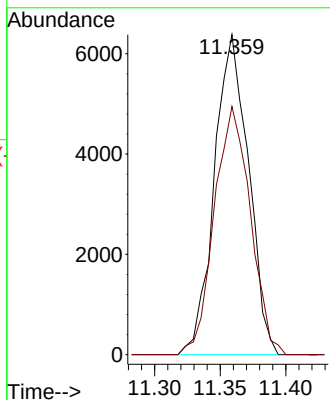
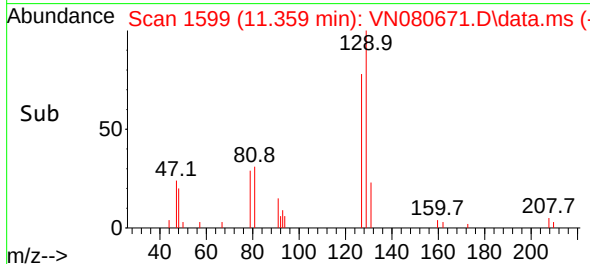
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



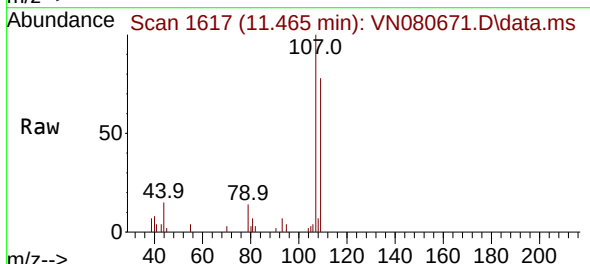
Tgt Ion:129 Resp: 11540
Ion Ratio Lower Upper
129 100
127 82.1 39.4 118.1

Manual Integrations
APPROVED

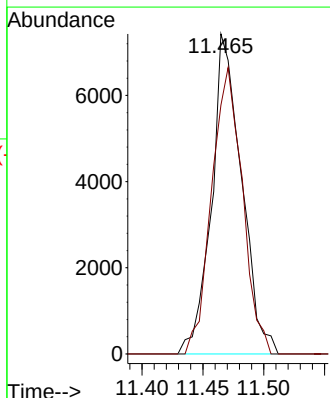
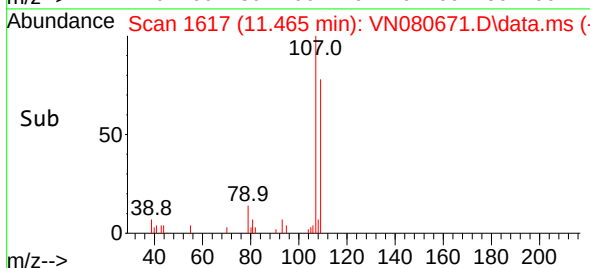
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

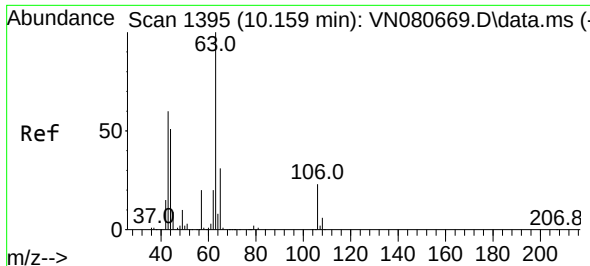


#54
1,2-Dibromoethane
Concen: 5.056 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03



Tgt Ion:107 Resp: 12697
Ion Ratio Lower Upper
107 100
109 92.0 74.7 112.1





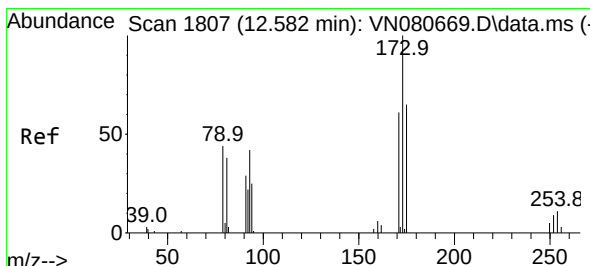
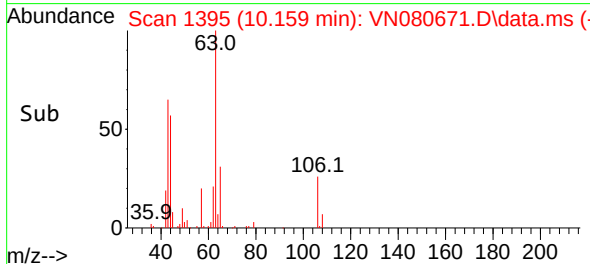
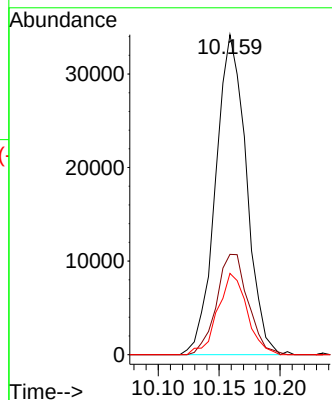
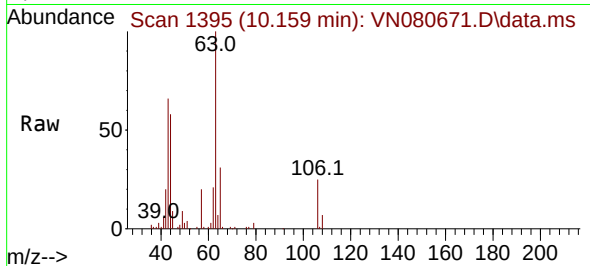
#55
2-Chloroethyl vinyl ether
Concen: 26.441 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 60010
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.2
106 24.3 23.8 35.8

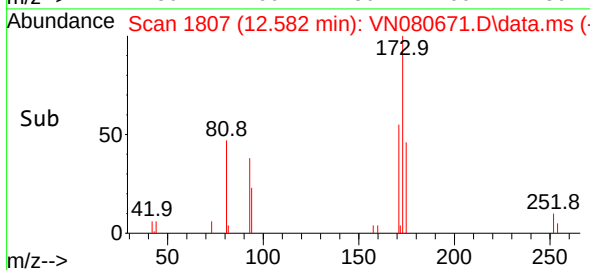
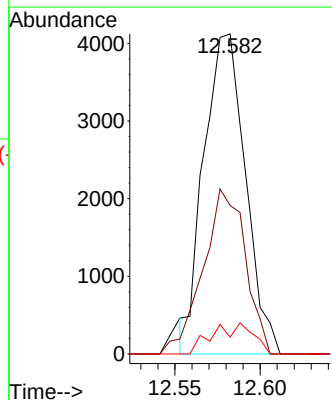
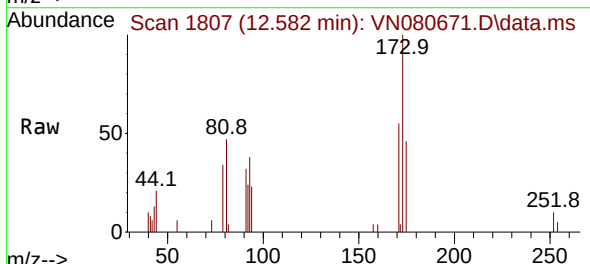
Manual Integrations
APPROVED

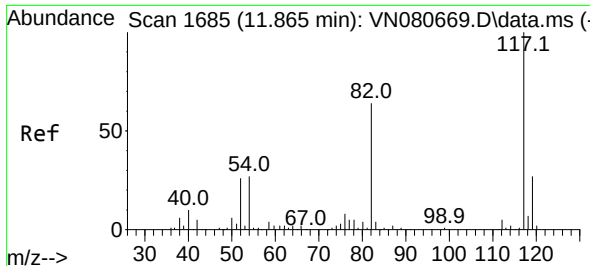
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#56
Bromoform
Concen: 4.632 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

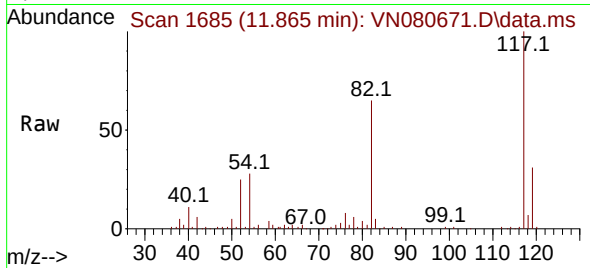
Tgt Ion:173 Resp: 6995
Ion Ratio Lower Upper
173 100
175 52.4 40.0 60.0
254 9.4 8.3 12.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

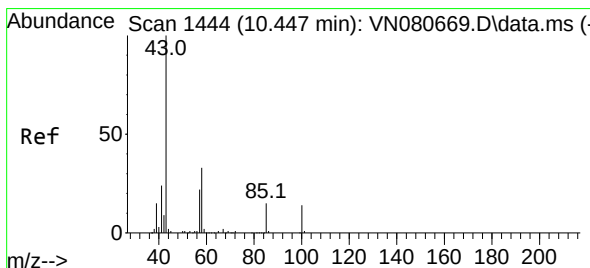
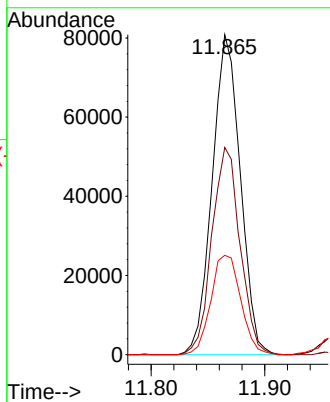
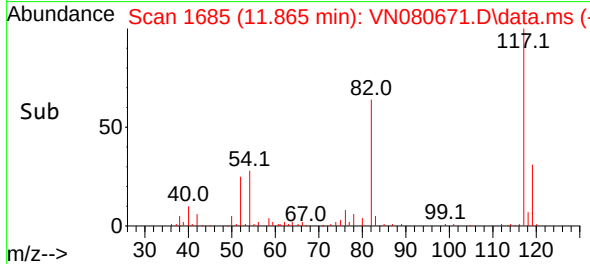
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 117 Resp: 138992
Ion Ratio Lower Upper
117 100
82 65.0 46.6 69.8
119 33.1 25.4 38.2

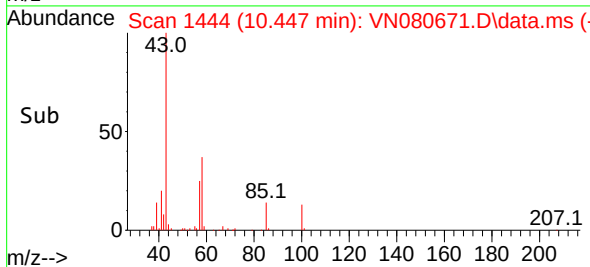
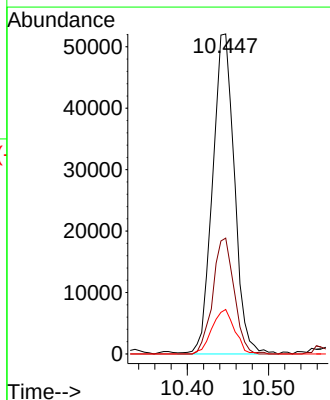
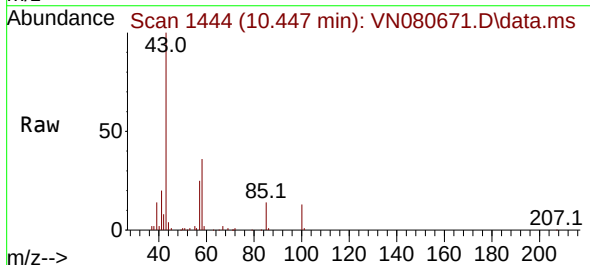
Manual Integrations
APPROVED

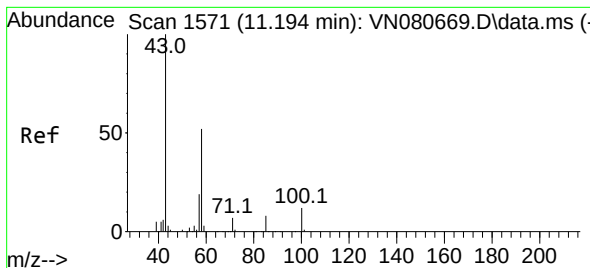
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#58
4-Methyl-2-Pentanone
Concen: 26.672 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

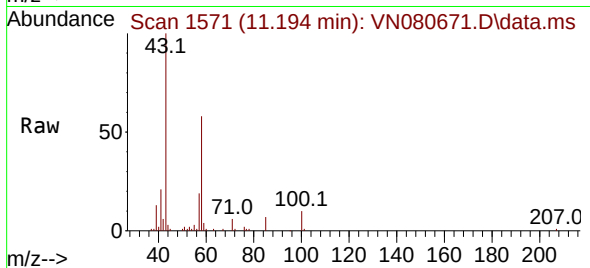
Tgt Ion: 43 Resp: 97520
Ion Ratio Lower Upper
43 100
58 35.2 36.5 54.7#
85 14.4 19.5 29.3#





#59
2-Hexanone
Concen: 25.849 ug/l
RT: 11.194 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

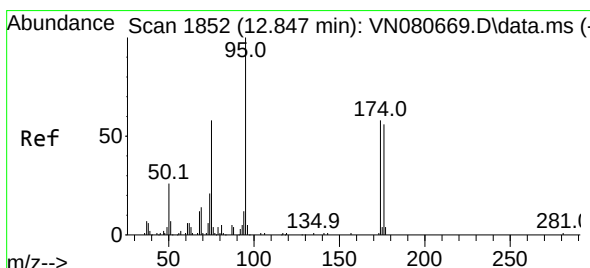
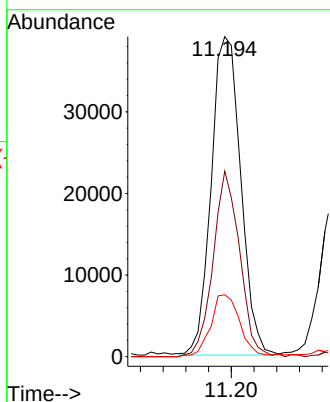
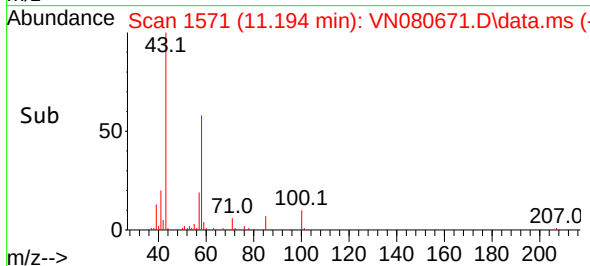
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 70560
Ion Ratio Lower Upper
43 100
58 52.3 50.4 75.6
57 19.2 18.6 27.8

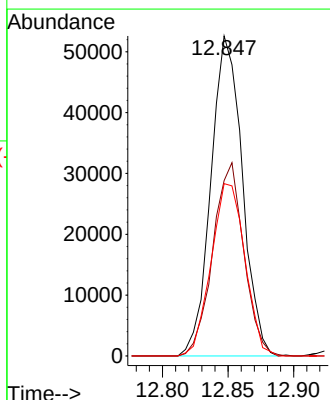
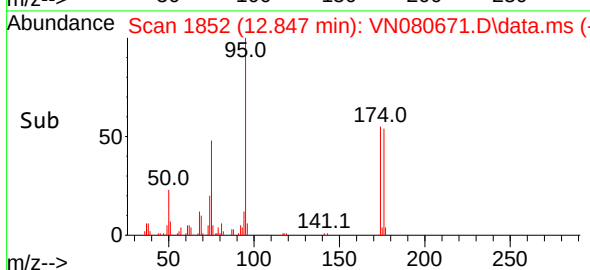
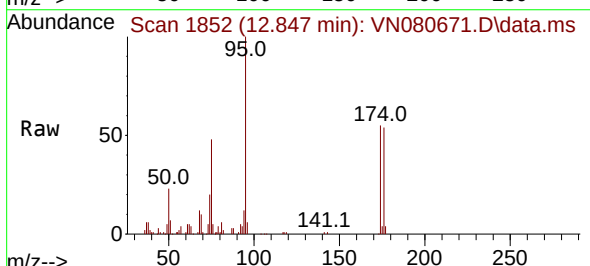
Manual Integrations
APPROVED

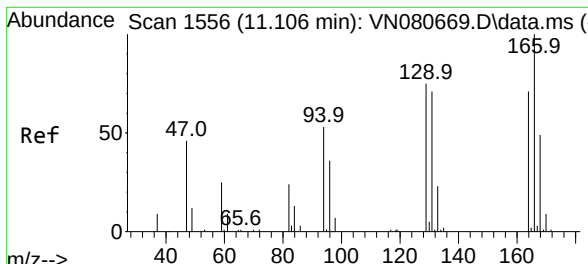
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#60
4-Bromofluorobenzene
Concen: 28.470 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

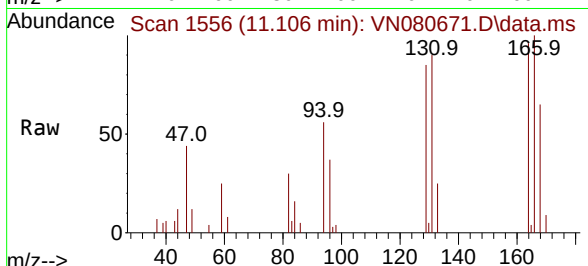
Tgt Ion: 95 Resp: 87537
Ion Ratio Lower Upper
95 100
174 59.8 60.5 90.7#
176 57.9 57.8 86.6





#61
 Tetrachloroethene
 Concen: 5.506 ug/l
 RT: 11.106 min Scan# 1556
 Delta R.T. -0.000 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03

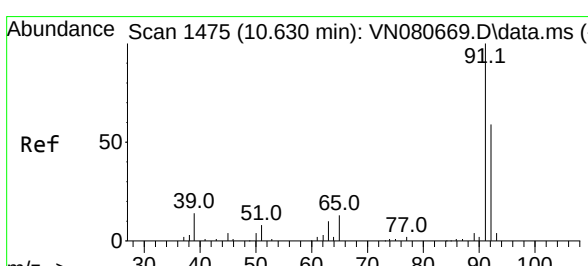
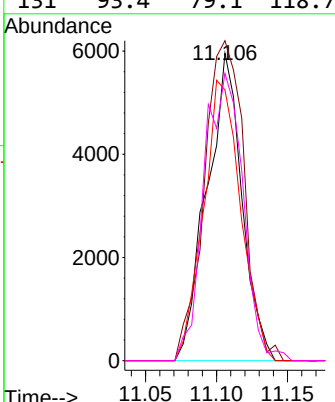
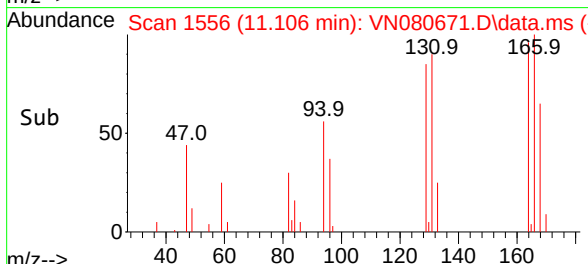
Instrument : MSVOA_N
 ClientSampleId : VSTDICC005



Tgt Ion:164 Resp: 1018

Ion	Ratio	Lower	Upper
164	100		
166	104.1	106.7	160.1
129	88.1	85.8	128.6
131	93.4	79.1	118.7

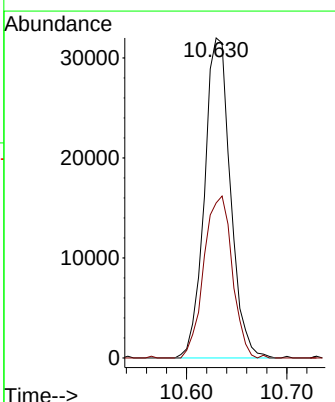
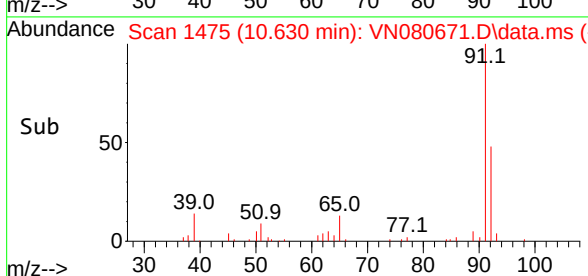
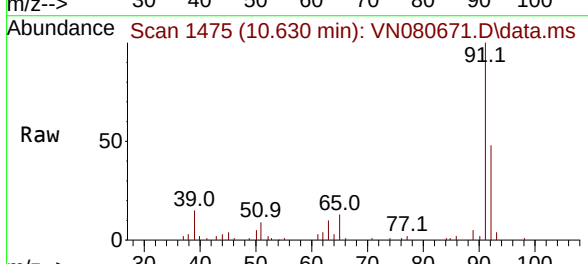
Manual Integrations
APPROVED
 Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024

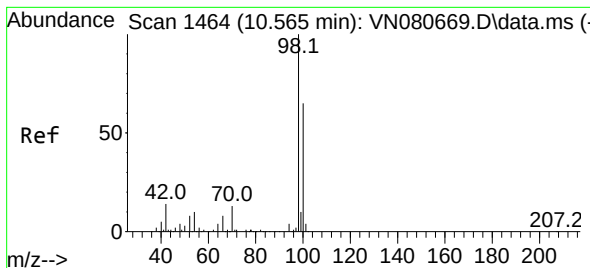


#62
 Toluene
 Concen: 5.162 ug/l
 RT: 10.630 min Scan# 1475
 Delta R.T. -0.000 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03

Tgt Ion: 91 Resp: 57712

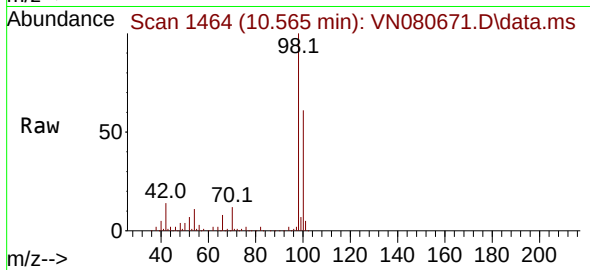
Ion	Ratio	Lower	Upper
91	100		
92	54.9	46.5	69.7





#63
Toluene-d8
Concen: 30.014 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

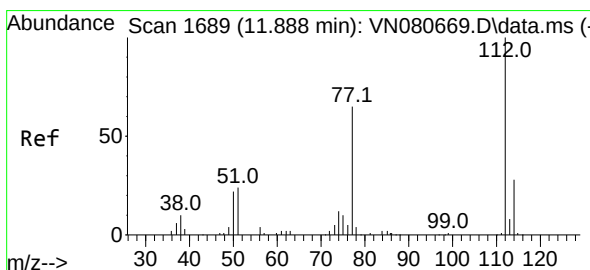
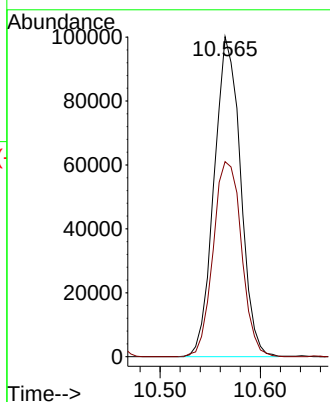
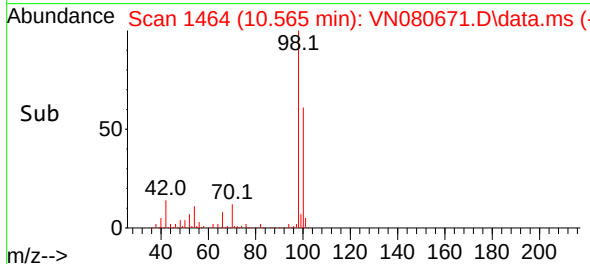
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 98 Resp: 183084
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

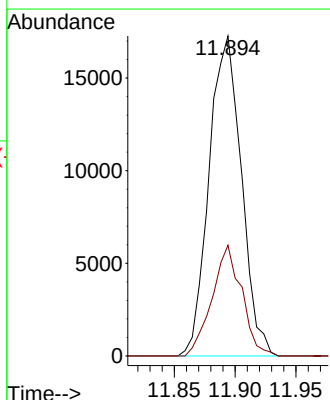
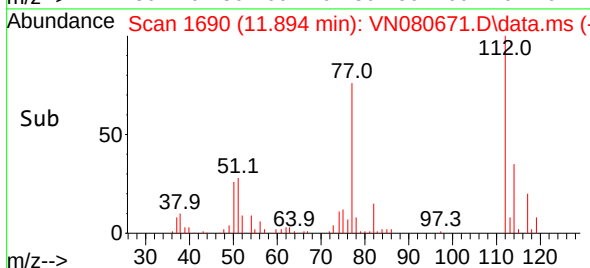
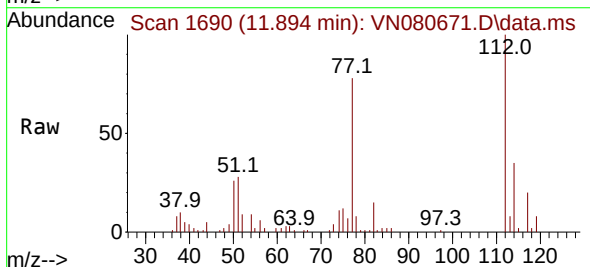
Manual Integrations
APPROVED

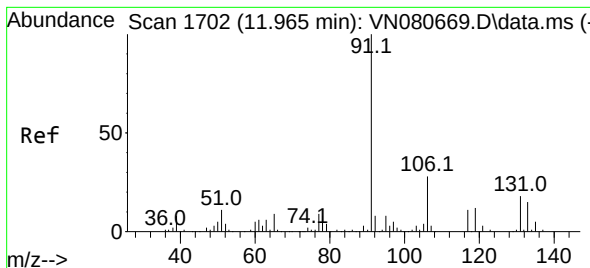
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#64
Chlorobenzene
Concen: 5.124 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion:112 Resp: 31903
Ion Ratio Lower Upper
112 100
114 34.6 26.6 39.8





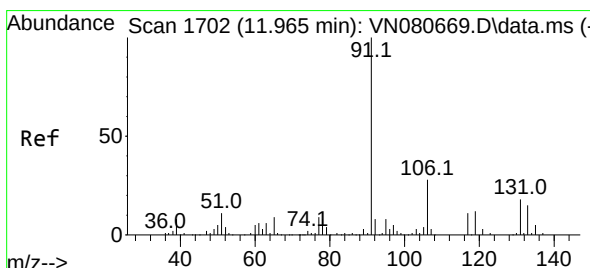
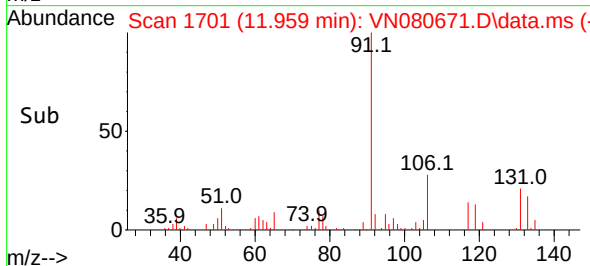
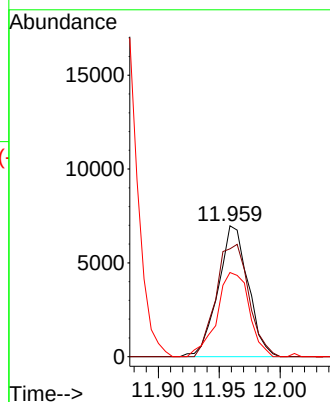
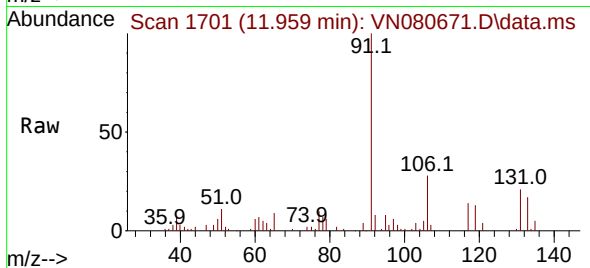
#65
1,1,1,2-Tetrachloroethane
Concen: 5.354 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:131 Resp: 11979
Ion Ratio Lower Upper
131 100
133 94.0 0.0 188.0
119 69.0 0.0 122.8

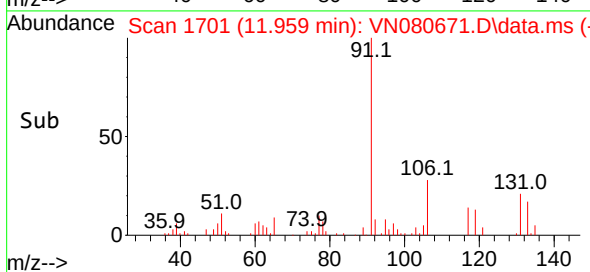
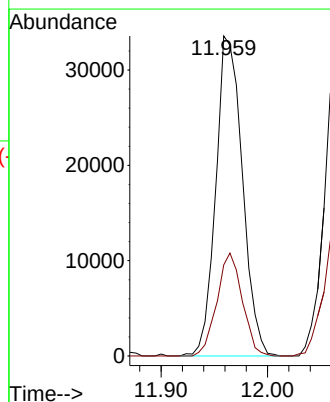
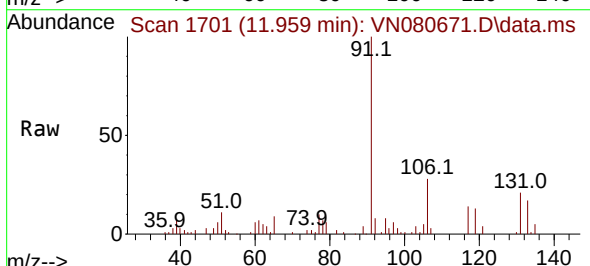
Manual Integrations
APPROVED

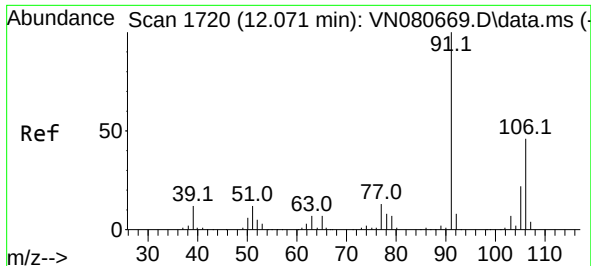
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#66
Ethyl Benzene
Concen: 4.949 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 91 Resp: 58186
Ion Ratio Lower Upper
91 100
106 28.5 24.4 36.6





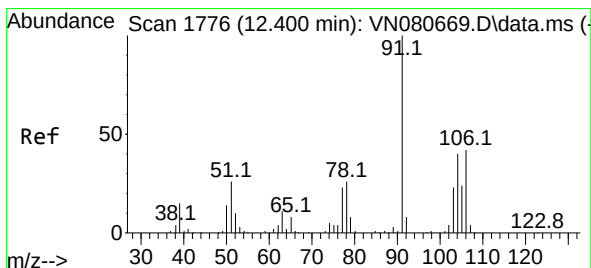
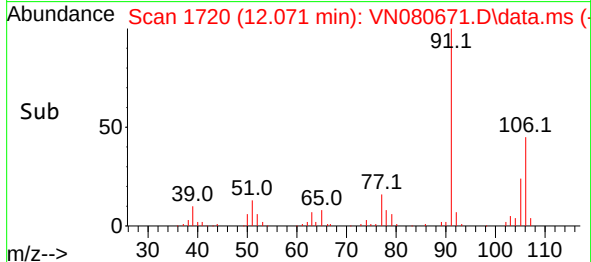
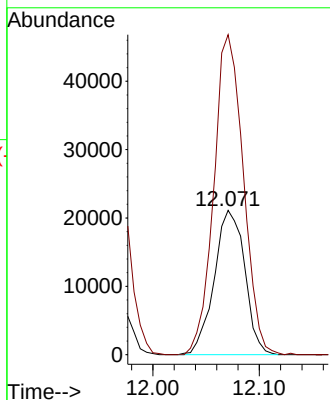
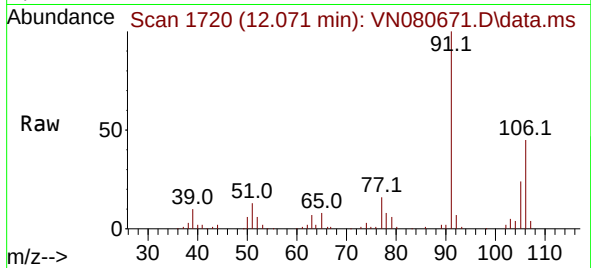
#67
m/p-Xylenes
Concen: 9.962 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 42098
Ion Ratio Lower Upper
106 100
91 214.0 166.6 249.8

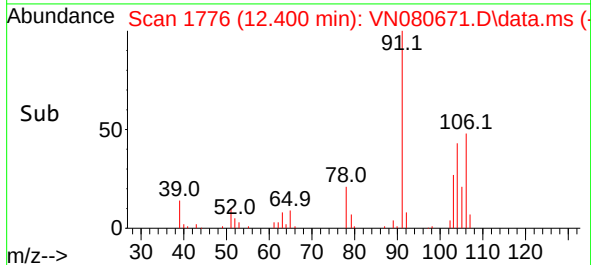
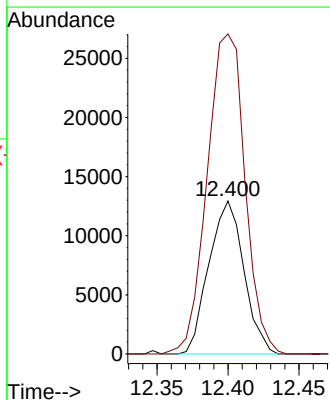
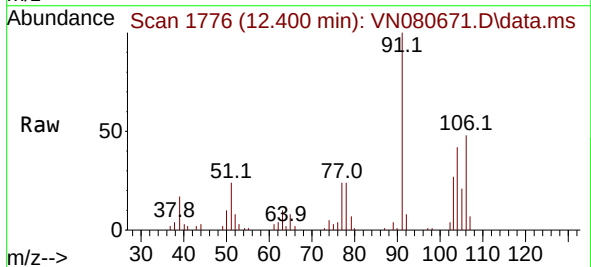
Manual Integrations
APPROVED

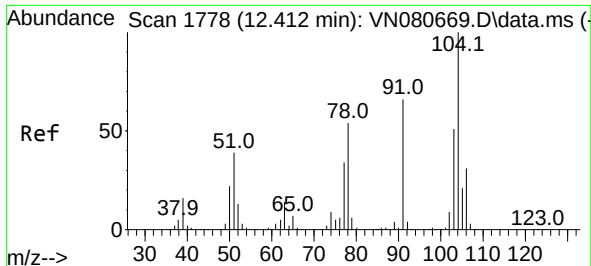
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#68
o-Xylene
Concen: 5.264 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

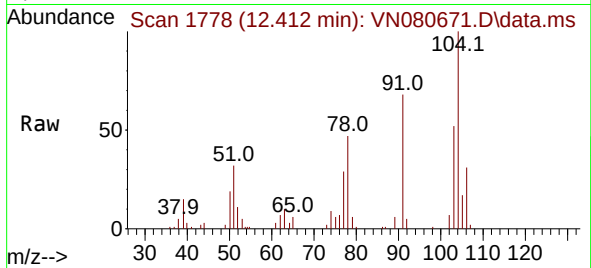
Tgt Ion:106 Resp: 22186
Ion Ratio Lower Upper
106 100
91 226.0 110.0 330.0





#69
Styrene
Concen: 4.981 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

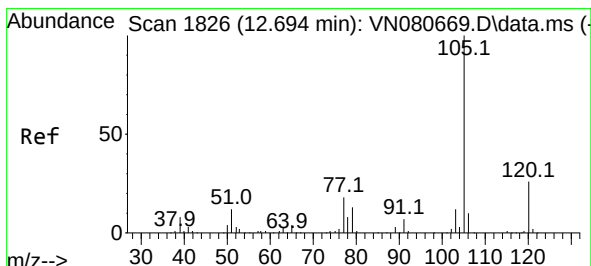
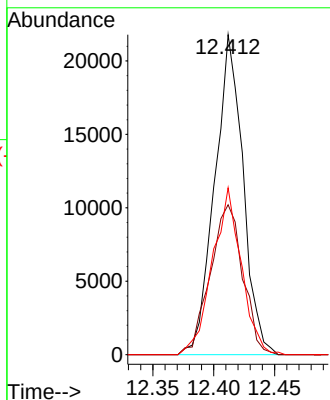
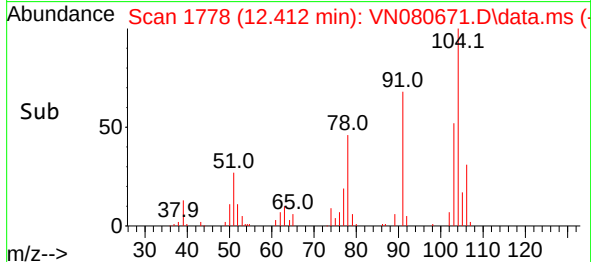
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



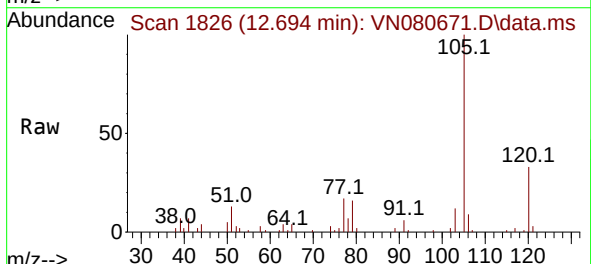
Tgt Ion:104 Resp: 3526
Ion Ratio Lower Upper
104 100
78 53.9 42.6 64.0
103 53.4 43.7 65.5

Manual Integrations
APPROVED

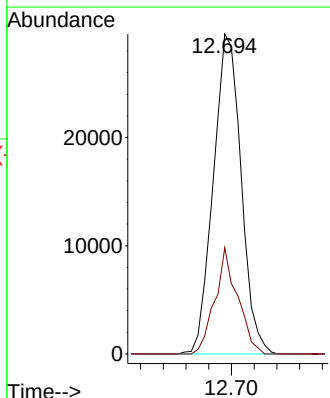
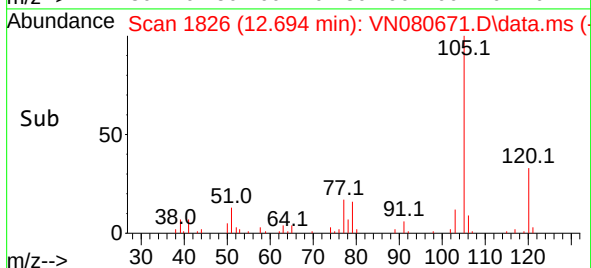
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

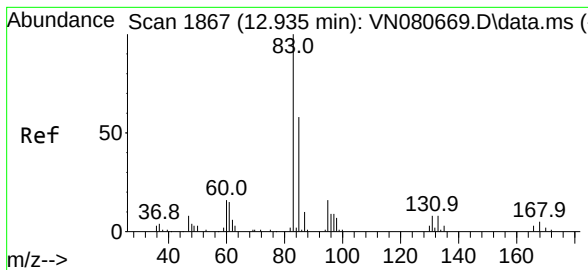


#70
Isopropylbenzene
Concen: 4.876 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03



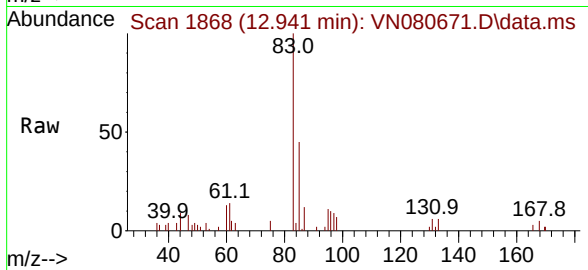
Tgt Ion:105 Resp: 50224
Ion Ratio Lower Upper
105 100
120 27.1 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 5.410 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

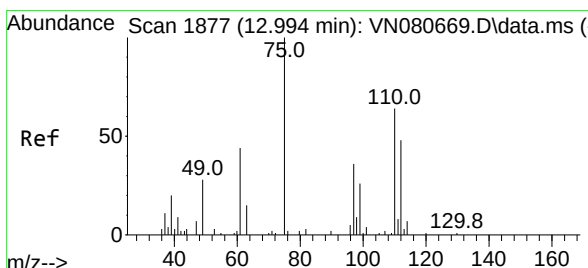
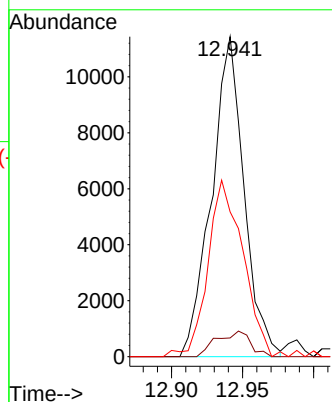
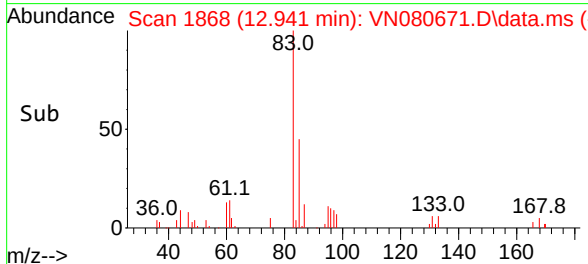
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 18190
Ion Ratio Lower Upper
83 100
131 5.3 5.2 15.6
85 58.5 32.3 96.8

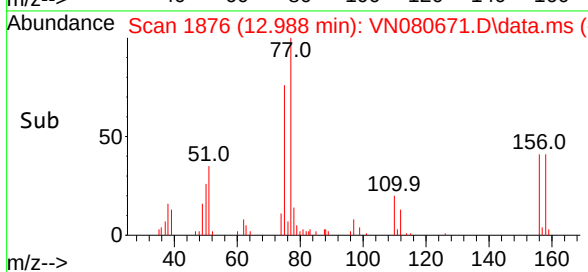
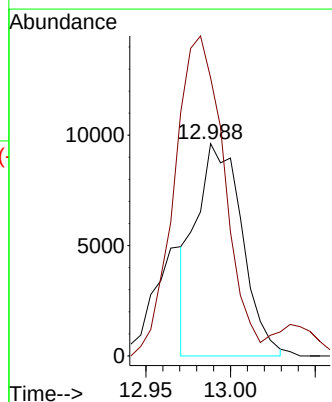
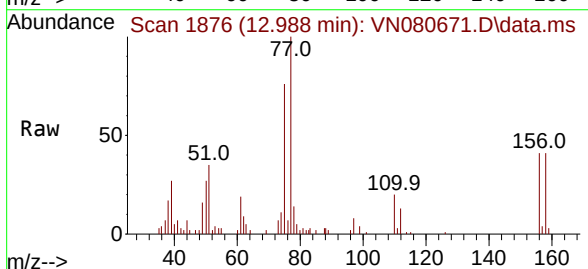
Manual Integrations
APPROVED

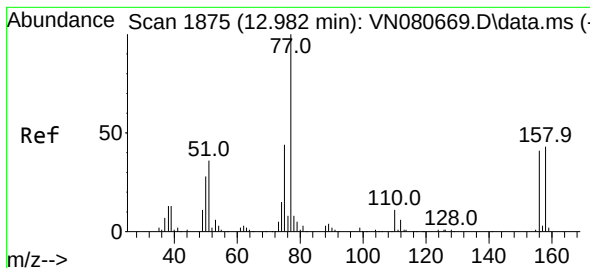
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#72
1,2,3-Trichloropropane
Concen: 5.491 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 75 Resp: 18139
Ion Ratio Lower Upper
75 100
77 163.7 0.0 367.6





#73

Bromobenzene

Concen: 5.183 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

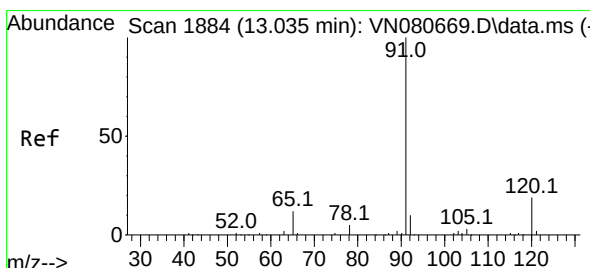
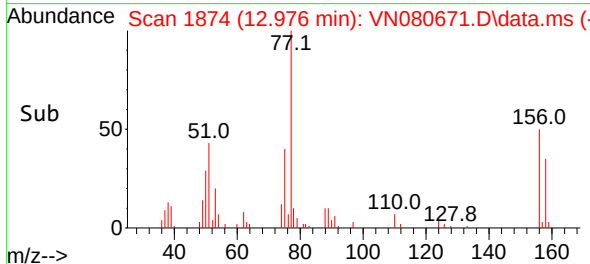
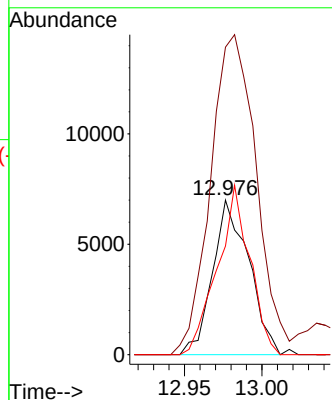
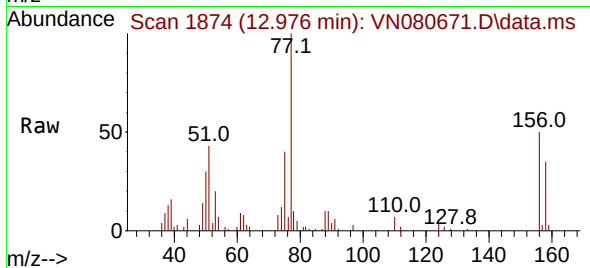
Tgt Ion:156 Resp: 11380
 Ion Ratio Lower Upper
 156 100
 77 260.9 0.0 437.6
 158 98.3 0.0 203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#74

n-propylbenzene

Concen: 4.646 ug/l

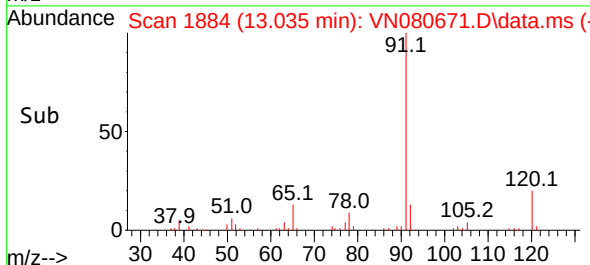
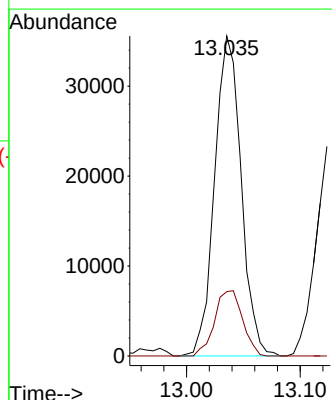
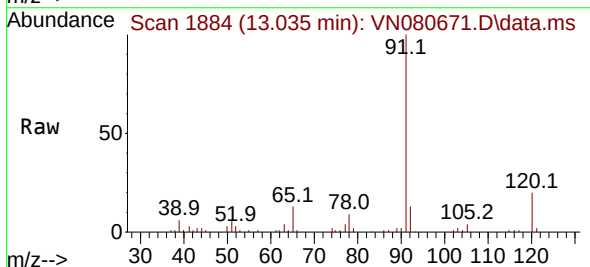
RT: 13.035 min Scan# 1884

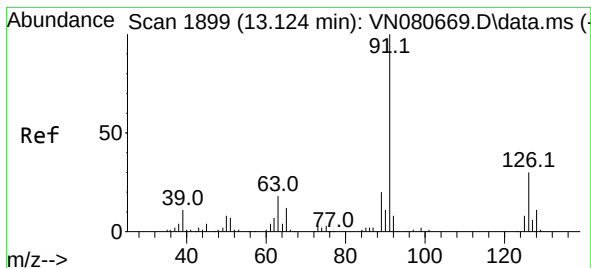
Delta R.T. 0.000 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Tgt Ion: 91 Resp: 57720
 Ion Ratio Lower Upper
 91 100
 120 21.5 0.0 43.8





#75
2-Chlorotoluene
Concen: 4.991 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.001 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

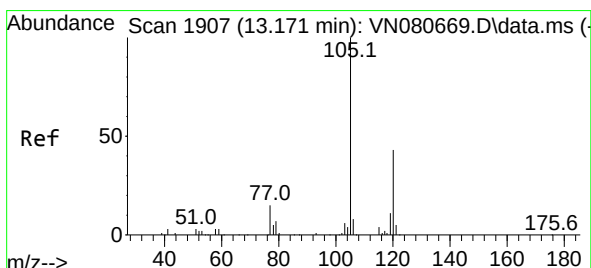
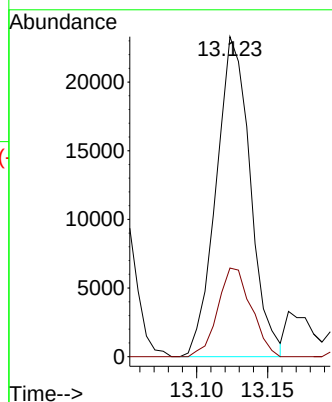
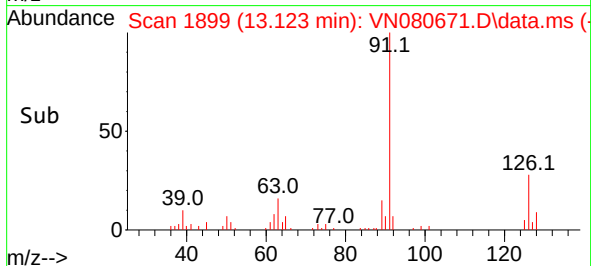
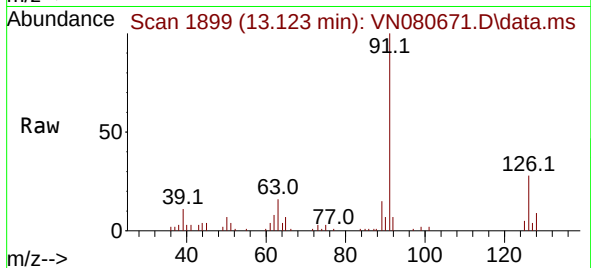
VSTDIC005

Tgt Ion: 91 Resp: 3899
Ion Ratio Lower Upper
91 100
126 27.1 0.0 61.2

Manual Integrations

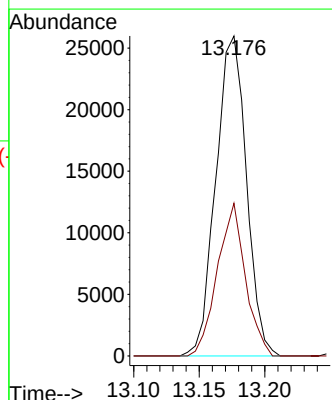
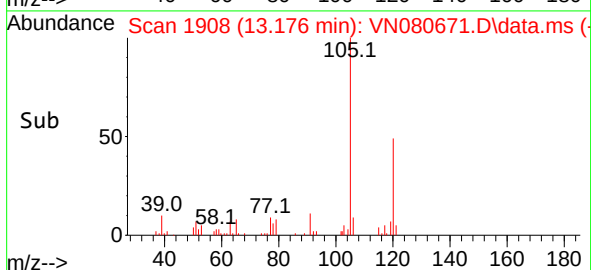
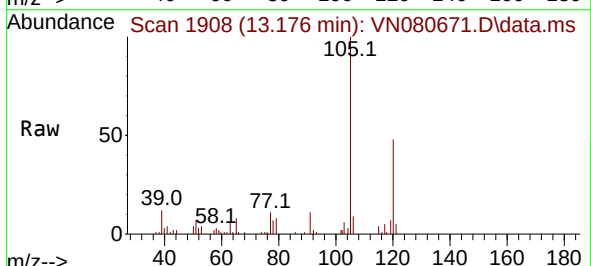
APPROVED

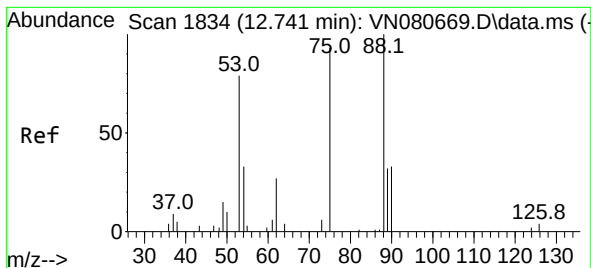
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 4.914 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.005 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion:105 Resp: 42132
Ion Ratio Lower Upper
105 100
120 43.7 0.0 95.8





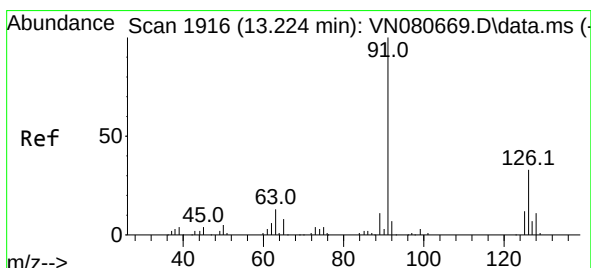
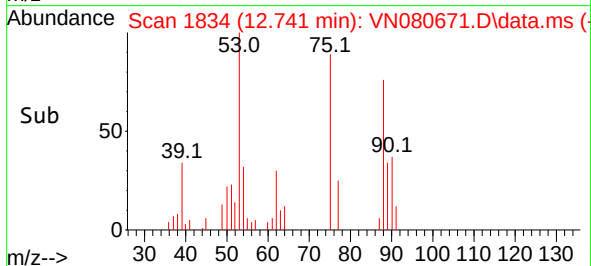
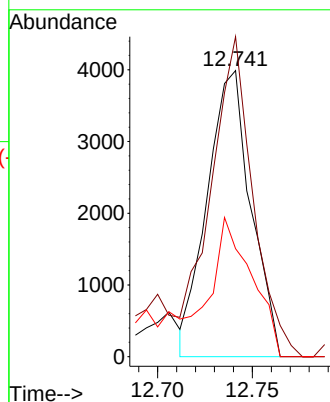
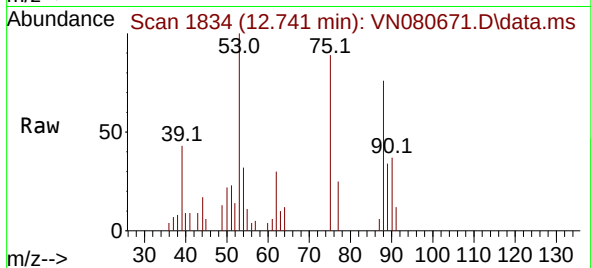
#77
t-1,4-Dichloro-2-butene
Concen: 4.905 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 6408
Ion Ratio Lower Upper
75 100
53 101.0 45.9 137.7
89 37.8 25.9 77.7

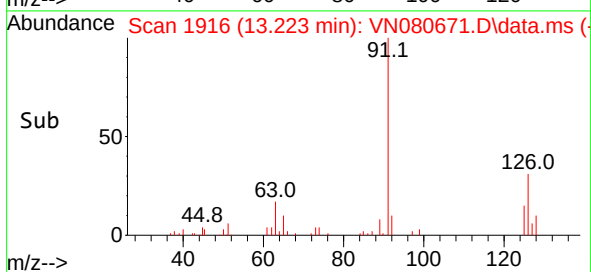
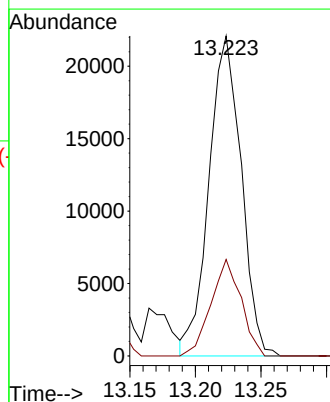
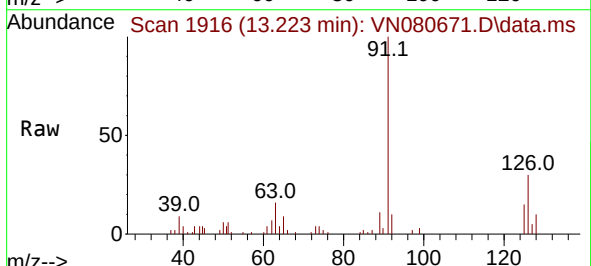
Manual Integrations
APPROVED

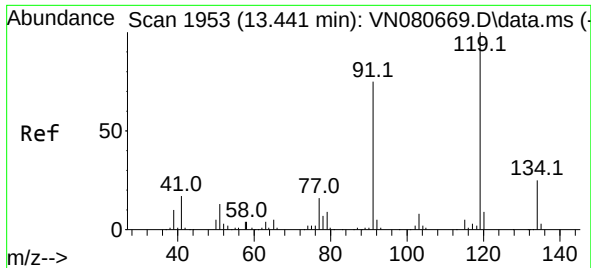
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#78
4-Chlorotoluene
Concen: 4.833 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion: 91 Resp: 37746
Ion Ratio Lower Upper
91 100
126 28.2 0.0 62.8





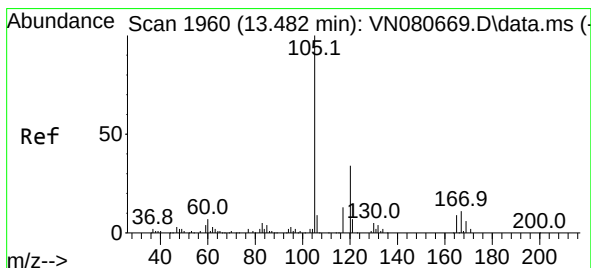
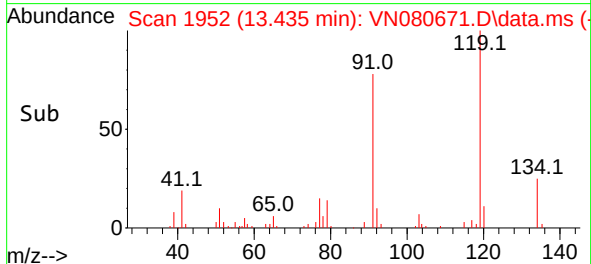
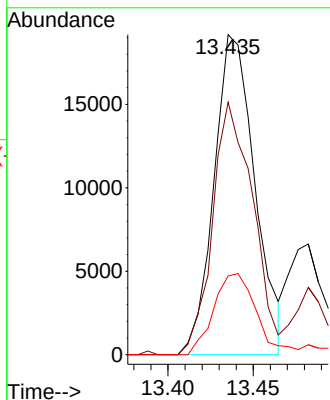
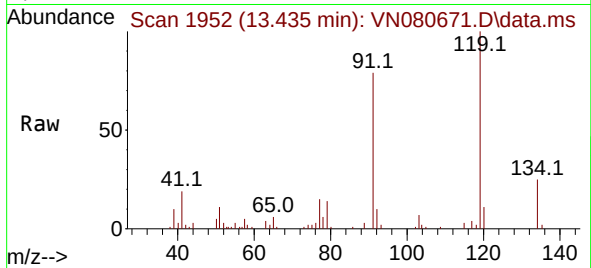
#79
tert-butylbenzene
Concen: 4.788 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 32044
Ion Ratio Lower Upper
119 100
91 77.7 0.0 138.8
134 25.5 0.0 48.6

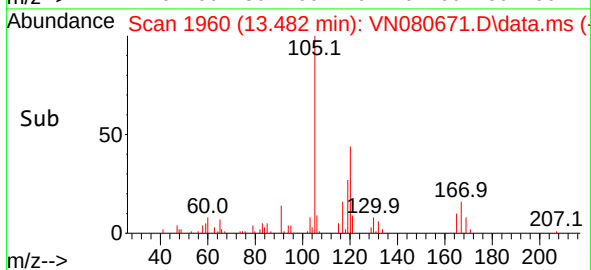
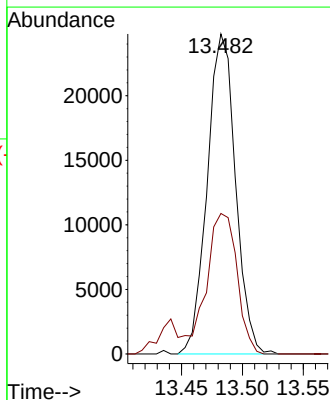
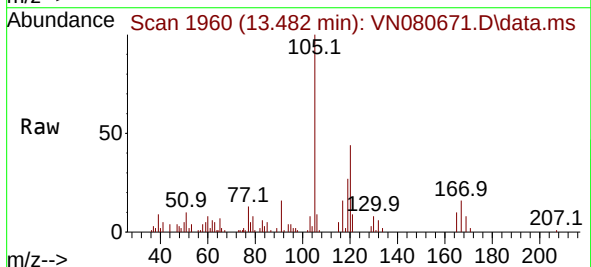
Manual Integrations
APPROVED

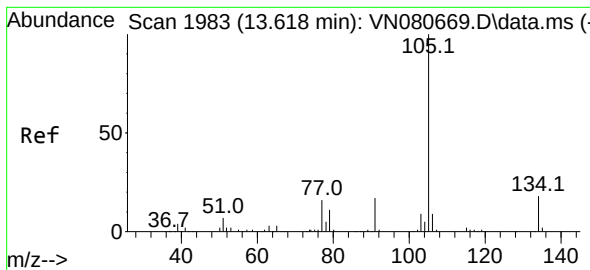
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 4.771 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Tgt Ion:105 Resp: 40016
Ion Ratio Lower Upper
105 100
120 45.7 0.0 86.8





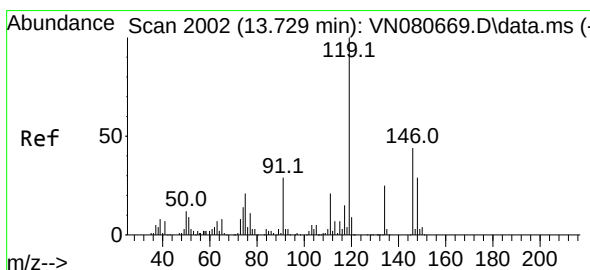
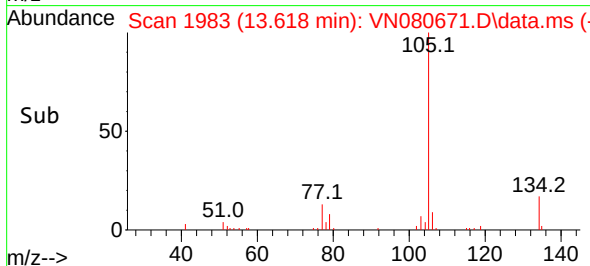
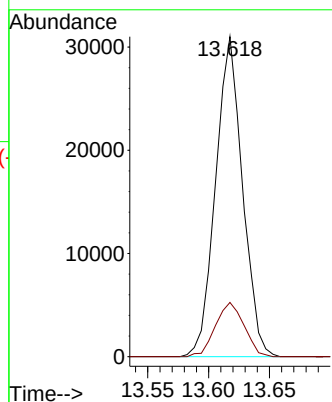
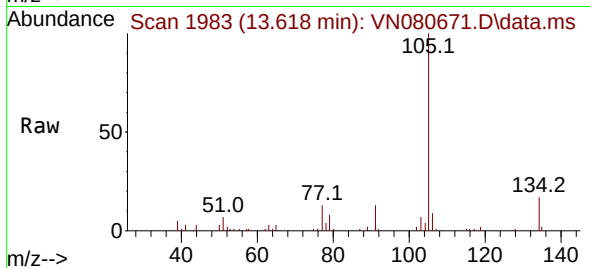
#81
 sec-Butylbenzene
 Concen: 4.839 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 47670
 Ion Ratio Lower Upper
 105 100
 134 18.0 0.0 39.0

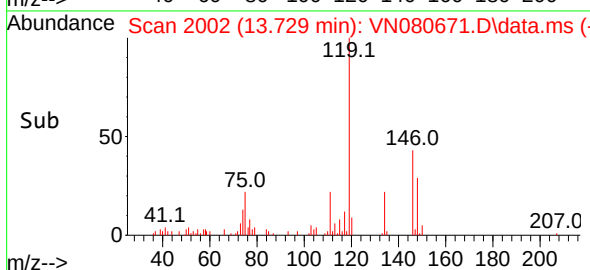
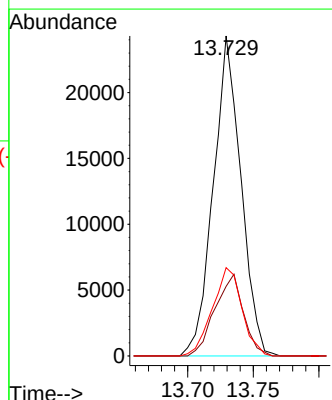
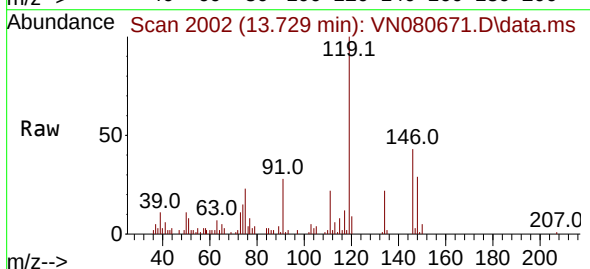
Manual Integrations
 APPROVED

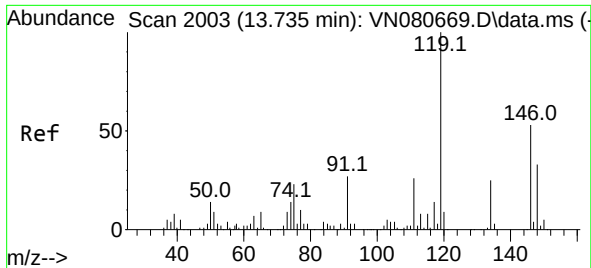
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#82
 p-Isopropyltoluene
 Concen: 4.737 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080671.D
 Acq: 11 Jan 2024 12:03

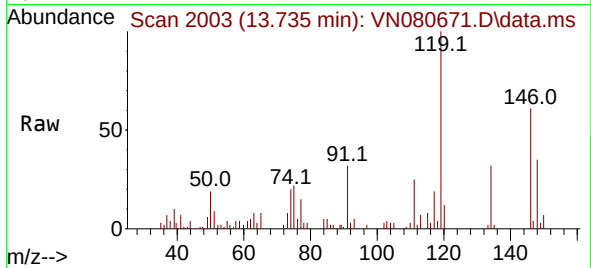
Tgt Ion:119 Resp: 35585
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 49.2
 91 29.4 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 5.163 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

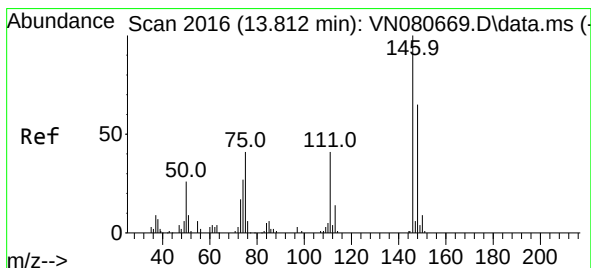
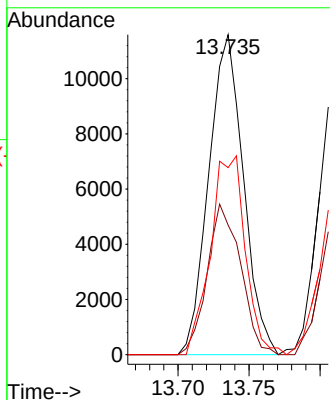
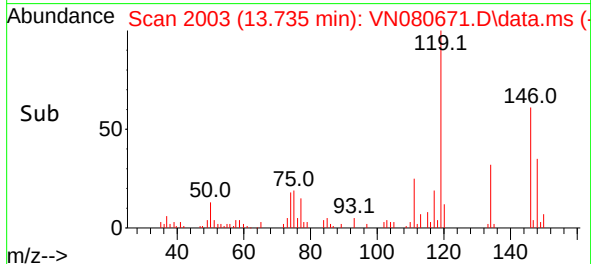
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



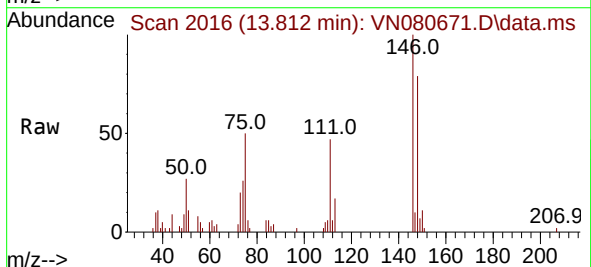
Tgt Ion:146 Resp: 1966
Ion Ratio Lower Upper
146 100
111 45.4 22.4 67.0
148 62.4 32.1 96.5

Manual Integrations
APPROVED

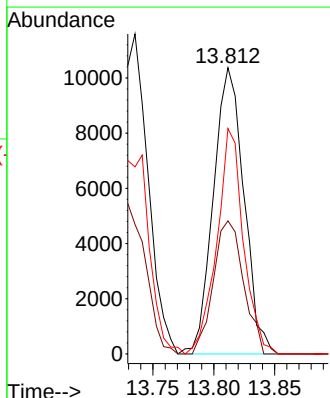
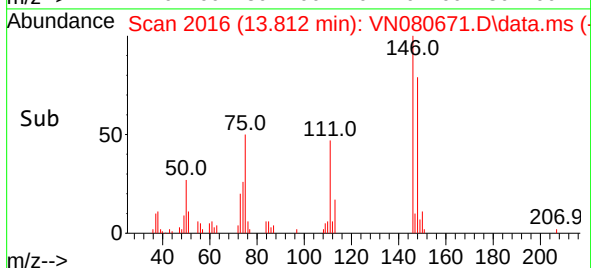
Reviewed By :John Carbone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

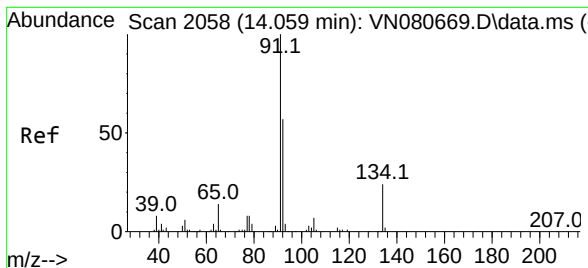


#84
1,4-Dichlorobenzene
Concen: 4.722 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03



Tgt Ion:146 Resp: 18111
Ion Ratio Lower Upper
146 100
111 46.0 21.3 63.9
148 68.7 31.9 95.5





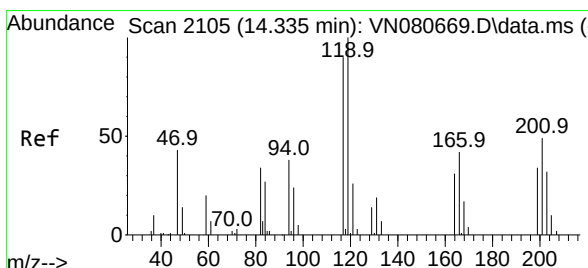
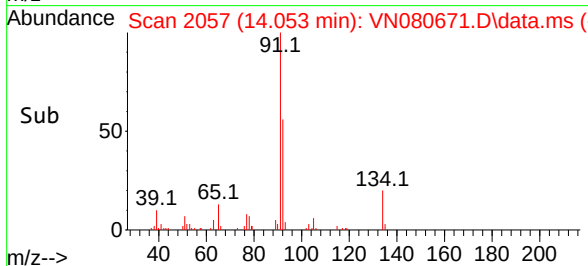
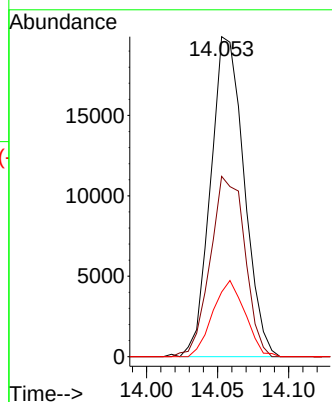
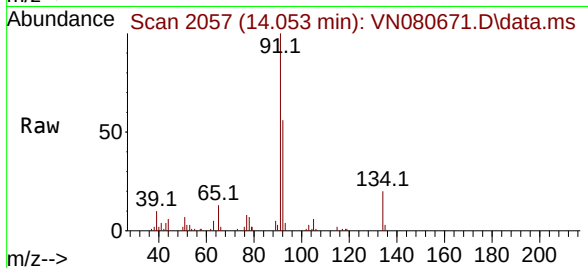
#85
n-Butylbenzene
Concen: 4.393 ug/l
RT: 14.053 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 32610
Ion Ratio Lower Upper
91 100
92 58.1 0.0 105.0
134 23.0 0.0 51.8

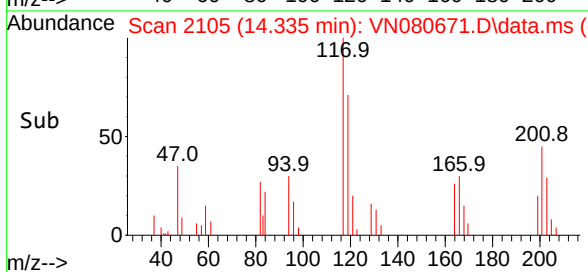
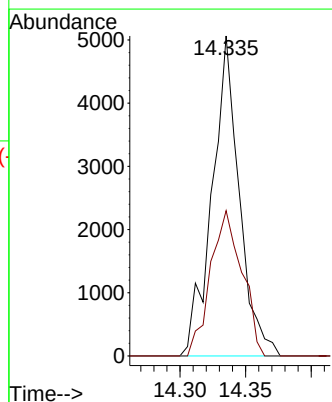
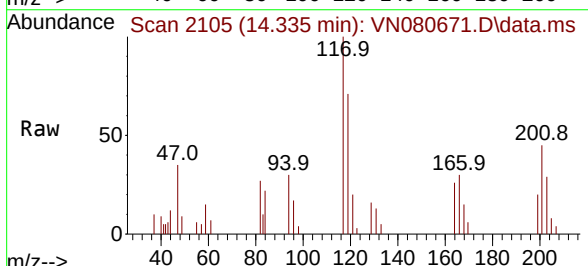
Manual Integrations
APPROVED

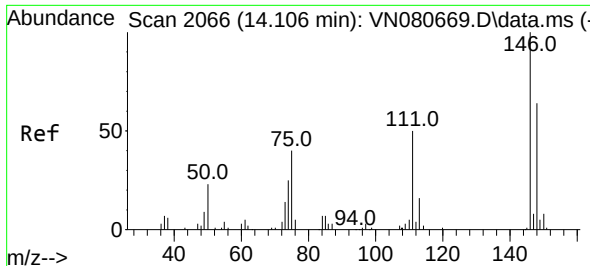
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#86
Hexachloroethane
Concen: 5.183 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

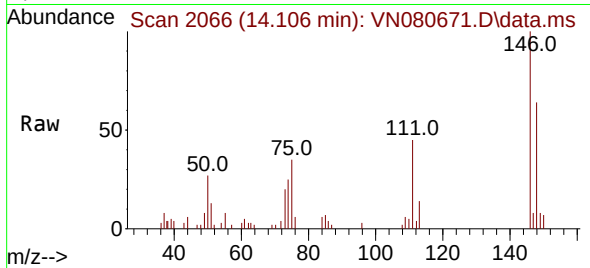
Tgt Ion:117 Resp: 7323
Ion Ratio Lower Upper
117 100
201 52.6 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 5.003 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03

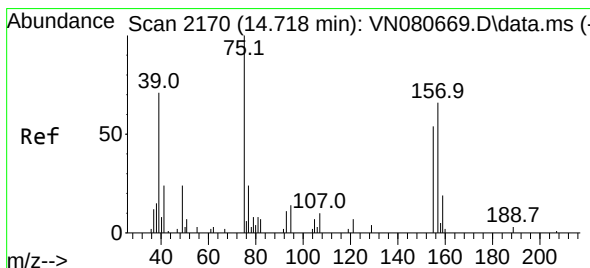
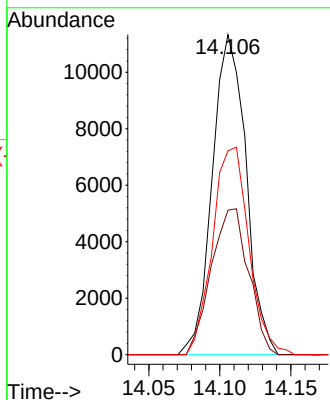
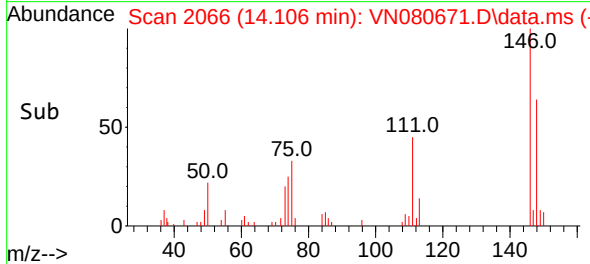
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



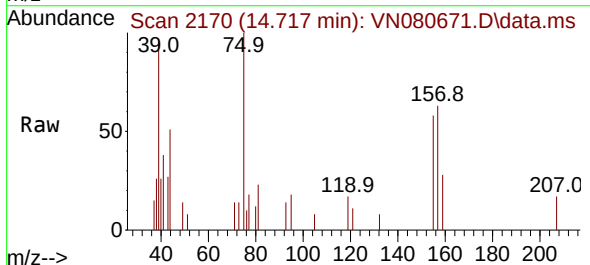
Tgt Ion:146 Resp: 18694
Ion Ratio Lower Upper
146 100
111 50.6 22.6 67.8
148 69.9 31.3 93.8

Manual Integrations
APPROVED

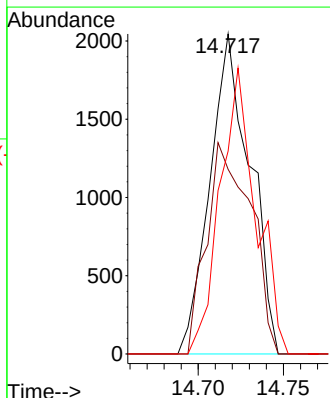
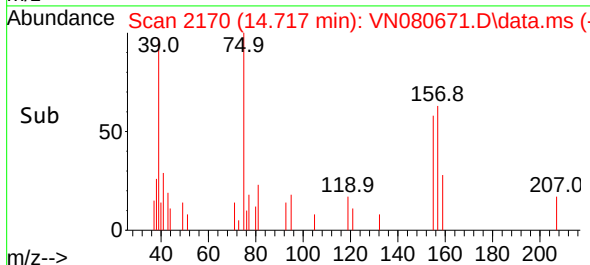
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

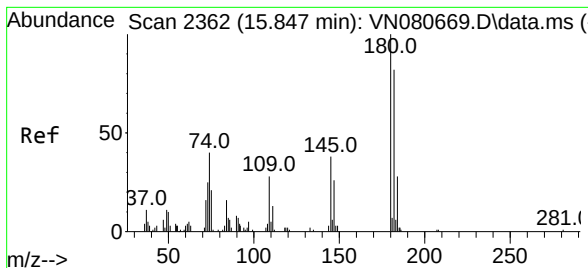


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.790 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.001 min
Lab File: VN080671.D
Acq: 11 Jan 2024 12:03



Tgt Ion: 75 Resp: 3353
Ion Ratio Lower Upper
75 100
155 72.8 61.7 92.5
157 79.7 83.6 125.4#





#89

1,2,4-Trichlorobenzene

Concen: 4.674 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:180 Resp: 875

Ion Ratio Lower Upper

180 100

182 98.4 76.4 114.6

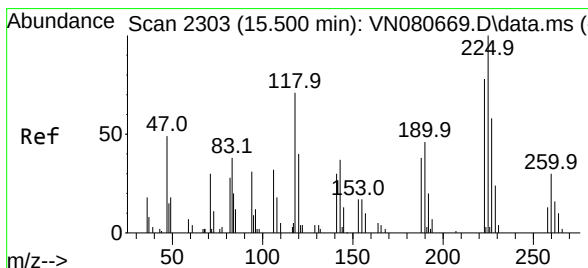
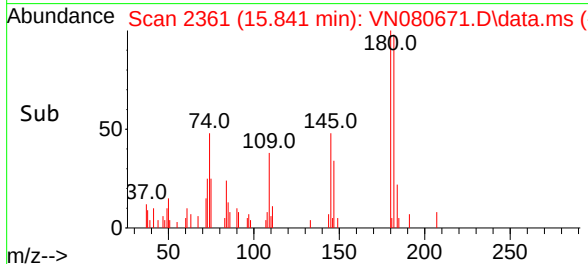
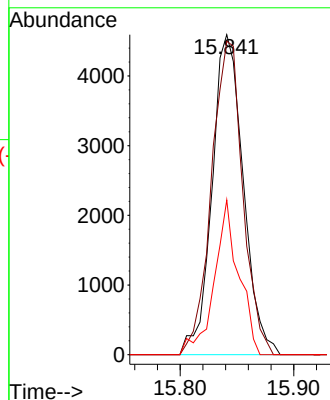
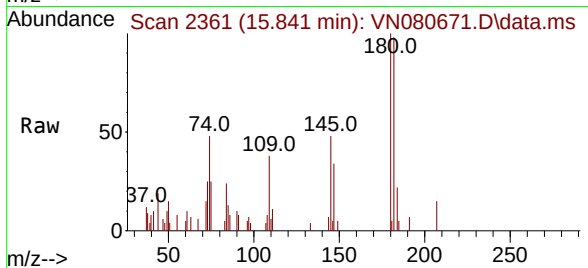
145 38.0 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#90

Hexachlorobutadiene

Concen: 5.007 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

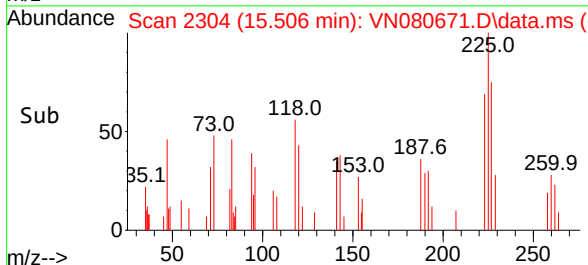
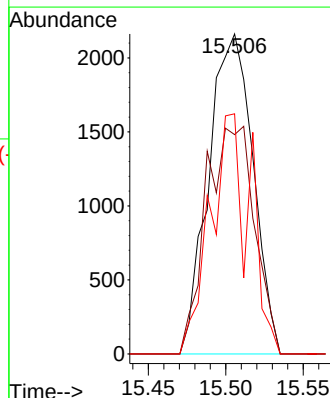
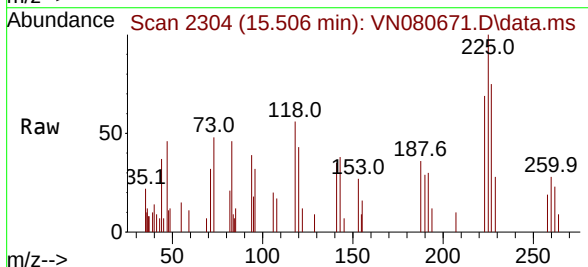
Tgt Ion:225 Resp: 4299

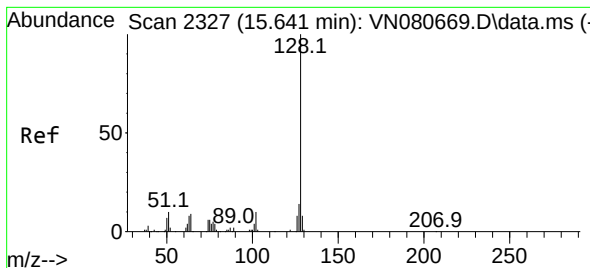
Ion Ratio Lower Upper

225 100

223 78.2 0.0 126.6

227 50.8 0.0 126.6





#91

Naphthalene

Concen: 4.938 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

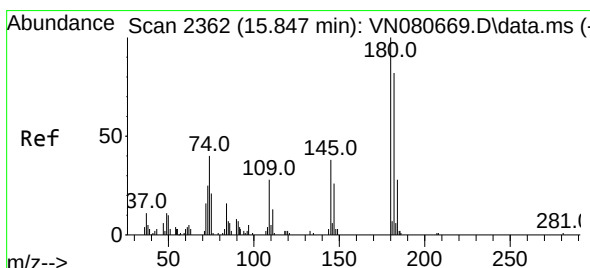
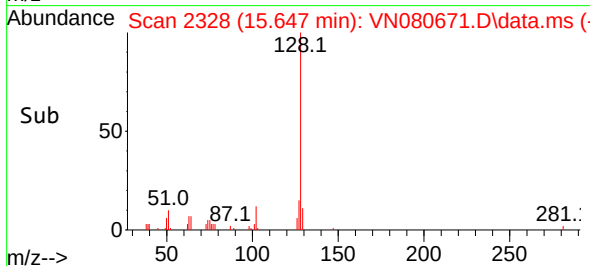
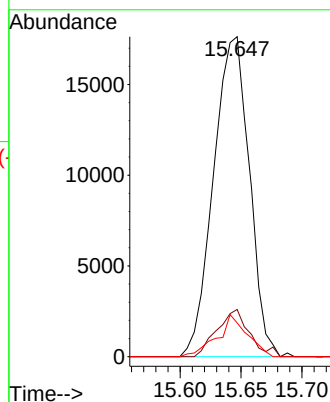
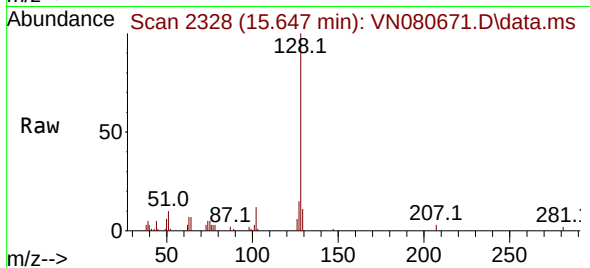
Tgt Ion:	128	Resp:	3608
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	8.4	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#92

1,2,3-Trichlorobenzene

Concen: 4.674 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN080671.D

Acq: 11 Jan 2024 12:03

Tgt Ion:	180	Resp:	8759
Ion Ratio	Lower	Upper	
180	100		
182	98.4	0.0	191.0
145	38.0	0.0	71.0

