

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080681.D
 Acq On : 11 Jan 2024 17:14
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Jan 12 05:52:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 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	7.806	128	13262m	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	116506	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	129188	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	62580	29.221	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.400%		
60) 4-Bromofluorobenzene	12.847	95	84930	29.718	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.067%		
63) Toluene-d8	10.565	98	171770	30.296	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43970	19.508	ug/l	98
3) Chloromethane	2.359	50	61059	19.886	ug/l	95
4) Vinyl Chloride	2.512	62	44070	18.869	ug/l	90
5) Bromomethane	2.959	94	16253	18.952	ug/l	98
6) Chloroethane	3.124	64	24370	19.300	ug/l	97
7) Trichlorofluoromethane	3.501	101	65738	18.840	ug/l	94
8) Diethyl Ether	3.953	74	31051	19.123	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.383	101	40725m	20.254	ug/l	
10) 1,1-Dichloroethene	4.342	96	41553	19.239	ug/l	91
11) Methyl Iodide	4.583	142	33266	18.058	ug/l	79
12) Methyl Acetate	5.024	43	51607	20.196	ug/l	# 70
13) Acrolein	4.177	56	36797	108.331	ug/l	96
14) Acrylonitrile	5.712	53	117624	102.150	ug/l	97
15) Acetone	4.424	58	21765	83.324	ug/l	79
16) Carbon Disulfide	4.712	76	124844	18.658	ug/l	# 95
17) Allyl chloride	5.024	41	79981	18.293	ug/l	84
18) Methylene Chloride	5.283	84	49234	19.616	ug/l	# 87
19) trans-1,2-Dichloroethene	5.783	96	45806	20.171	ug/l	97
20) Diisopropyl ether	6.671	45	179950	20.282	ug/l	# 94
21) 1,1-Dichloroethane	6.565	63	94681	19.651	ug/l	93
22) cis-1,2-Dichloroethene	7.488	96	54066	20.352	ug/l	87
23) tert-Butyl Alcohol	5.512	59	39181	98.660	ug/l	# 100
24) Methyl tert-Butyl Ether	5.789	73	153424	19.646	ug/l	# 91
25) Chloroform	7.965	83	87561	19.519	ug/l	93
26) Cyclohexane	8.259	56	75964	20.049	ug/l	90
29) 1,1-Dichloropropene	8.377	75	66452	18.764	ug/l	98
30) 2-Butanone	7.483	43	141640	90.381	ug/l	93
31) 2,2-Dichloropropane	7.488	77	79202	18.616	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	73479	18.855	ug/l	# 93
33) Carbon Tetrachloride	8.359	117	58053	18.862	ug/l	93
34) Benzene	8.606	78	202663	19.293	ug/l	97
35) Methacrylonitrile	7.777	41	39926	20.303	ug/l	94
36) 1,2-Dichloroethane	8.671	62	71790	18.586	ug/l	# 94
37) Trichloroethene	9.347	130	45634	19.919	ug/l	98
38) Methylcyclohexane	9.600	83	66923	19.397	ug/l	94
39) 1,2-Dichloropropane	9.618	63	57802	20.415	ug/l	100
40) Dibromomethane	9.706	93	30984	18.392	ug/l	86
41) Bromodichloromethane	9.888	83	67454	18.297	ug/l	# 92
42) Vinyl Acetate	6.600	43	704279	96.691	ug/l	95

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

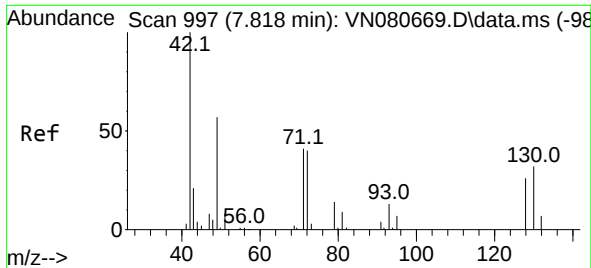
Quant Time: Jan 12 05:52:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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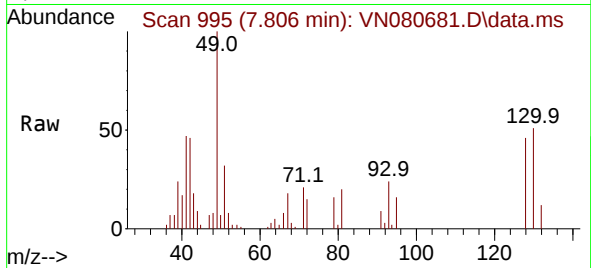
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	58139	17.668	ug/l #	88
44) Isopropyl Acetate	8.688	43	118134	18.806	ug/l	93
45) 1,4-Dioxane	9.688	88	13410	375.349	ug/l #	72
46) Methyl methacrylate	9.677	41	58441	19.757	ug/l	81
47) n-amyl Acetate	12.494	43	110791m	19.655	ug/l	
48) t-1,3-Dichloropropene	10.835	75	80523	18.537	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	90392	19.605	ug/l #	84
50) 1,1,2-Trichloroethane	11.018	97	45900	19.839	ug/l	94
51) Ethyl methacrylate	10.876	69	77855	19.467	ug/l #	70
52) 1,3-Dichloropropane	11.165	76	84240	19.341	ug/l	100
53) Dibromochloromethane	11.359	129	45286	19.561	ug/l	100
54) 1,2-Dibromoethane	11.471	107	44749	19.677	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	215528	104.846	ug/l	95
56) Bromoform	12.576	173	25782	18.852	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	331621	97.581	ug/l #	85
59) 2-Hexanone	11.194	43	237336	93.537	ug/l #	88
61) Tetrachloroethene	11.106	164	33743	19.622	ug/l	93
62) Toluene	10.629	91	209215	20.135	ug/l	98
64) Chlorobenzene	11.894	112	113261	19.570	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	39844	19.161	ug/l	93
66) Ethyl Benzene	11.965	91	219364	20.072	ug/l	99
67) m/p-Xylenes	12.071	106	155747	39.651	ug/l	95
68) o-Xylene	12.400	106	78671	20.082	ug/l	98
69) Styrene	12.412	104	132723	20.167	ug/l	98
70) Isopropylbenzene	12.694	105	188768	19.716	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	59313	18.980	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	63339m	21.385	ug/l	
73) Bromobenzene	12.982	156	38166	18.702	ug/l	71
74) n-propylbenzene	13.035	91	228444	19.784	ug/l	95
75) 2-Chlorotoluene	13.123	91	141691	19.513	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	158362	19.873	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	24450	20.137	ug/l	83
78) 4-Chlorotoluene	13.223	91	139791	19.259	ug/l	97
79) tert-butylbenzene	13.441	119	124995	20.095	ug/l	94
80) 1,2,4-Trimethylbenzene	13.482	105	159083	20.405	ug/l	98
81) sec-Butylbenzene	13.617	105	178091	19.450	ug/l	98
82) p-Isopropyltoluene	13.729	119	143948	20.614	ug/l	97
83) 1,3-Dichlorobenzene	13.729	146	70463	19.902	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	68783	19.295	ug/l	95
85) n-Butylbenzene	14.059	91	136015	19.714	ug/l	97
86) Hexachloroethane	14.335	117	23741	18.080	ug/l	75
87) 1,2-Dichlorobenzene	14.106	146	70173	20.205	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11530	17.721	ug/l #	81
89) 1,2,4-Trichlorobenzene	15.835	180	33927	19.476	ug/l	98
90) Hexachlorobutadiene	15.506	225	14359	17.991	ug/l	95
91) Naphthalene	15.641	128	124573	18.344	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	33927	19.476	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.806 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

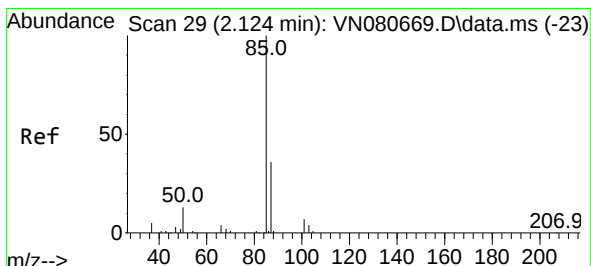
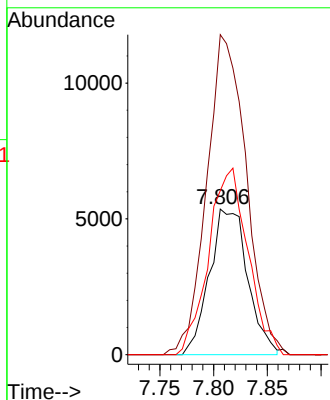
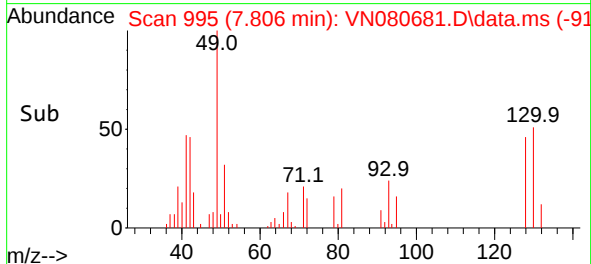
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 1326
Ion Ratio Lower Upper
128 100
49 227.3 0.0 403.7
130 132.1 0.0 323.3

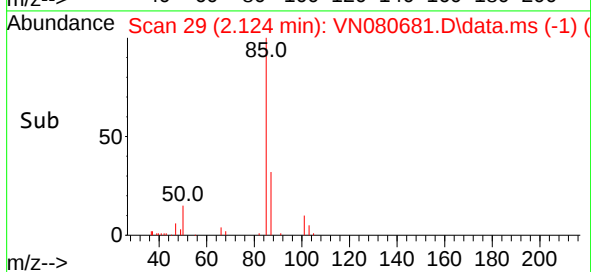
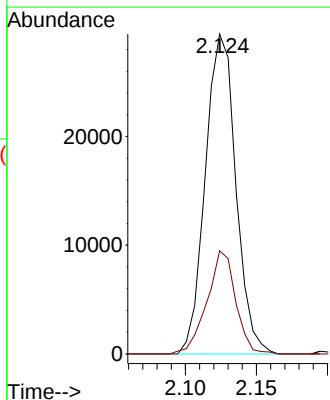
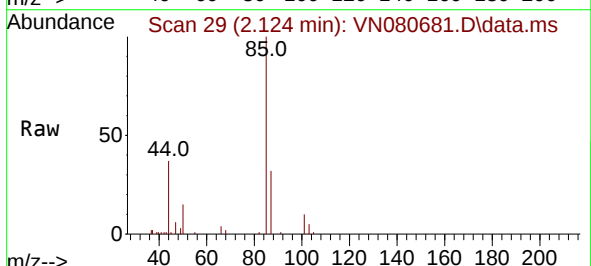
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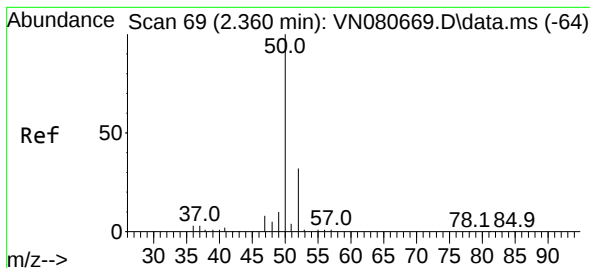
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#2
Dichlorodifluoromethane
Concen: 19.508 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 85 Resp: 43970
Ion Ratio Lower Upper
85 100
87 32.3 16.8 50.3





#3

Chloromethane

Concen: 19.886 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.001 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 50 Resp: 61059

Ion Ratio Lower Upper

50 100

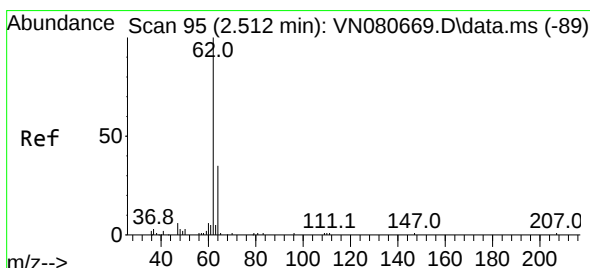
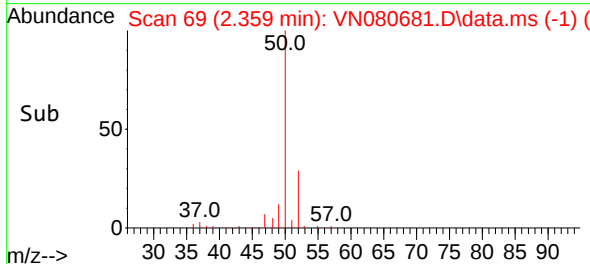
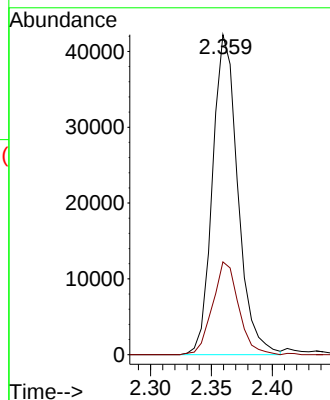
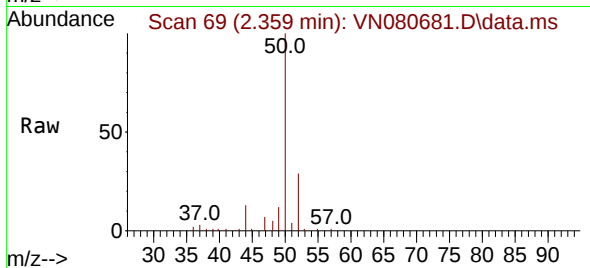
52 29.0 25.4 38.0

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Supervised By :Semsettin Yesilyurt 01/12/2024



#4

Vinyl Chloride

Concen: 18.869 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN080681.D

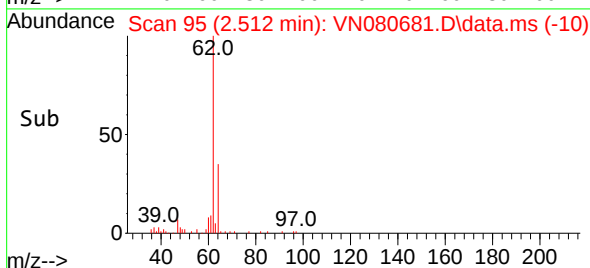
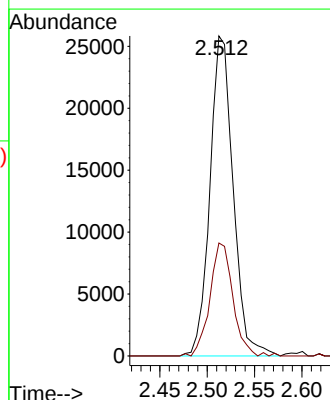
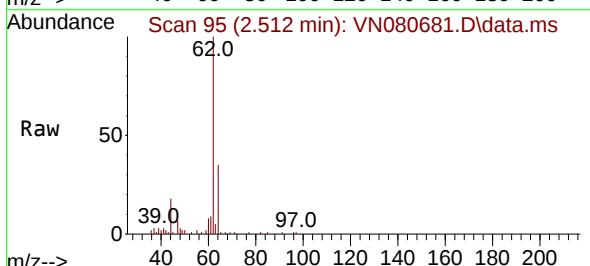
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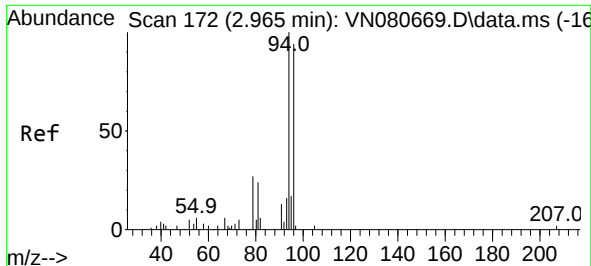
Tgt Ion: 62 Resp: 44070

Ion Ratio Lower Upper

62 100

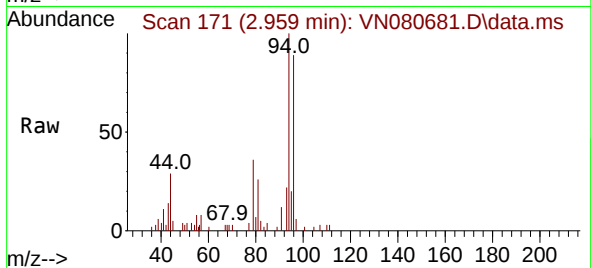
64 35.3 24.1 36.1





#5
Bromomethane
Concen: 18.952 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

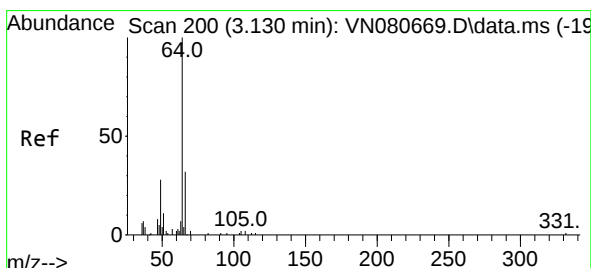
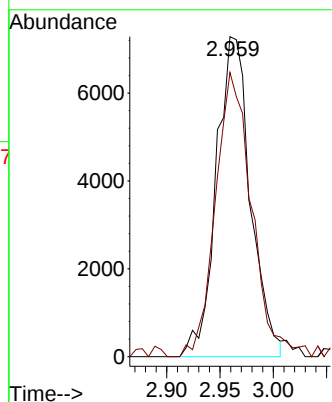
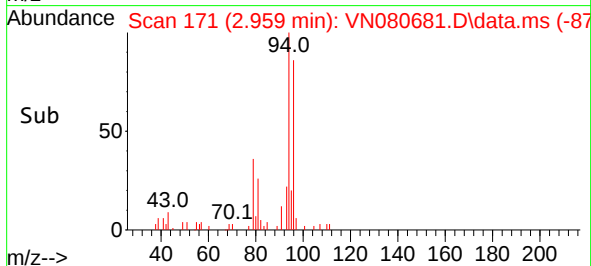
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 1625
Ion Ratio Lower Upper
94 100
96 88.8 72.8 109.2

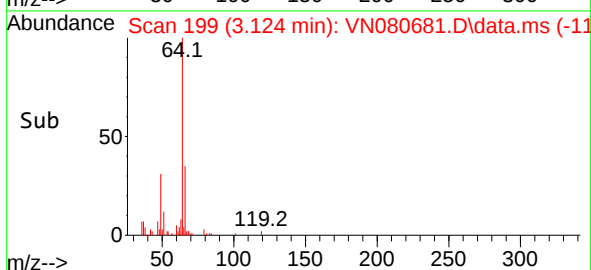
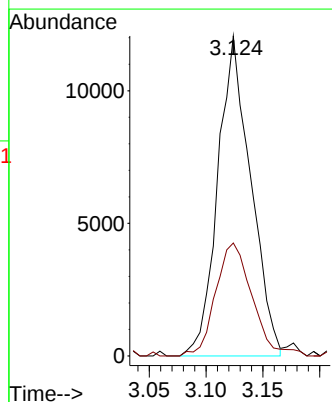
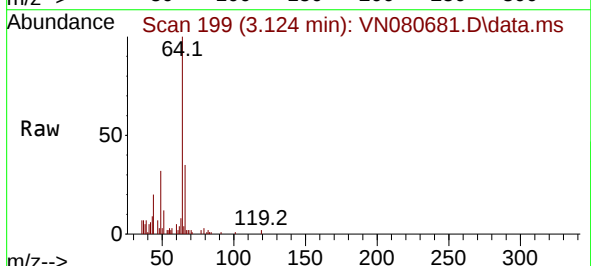
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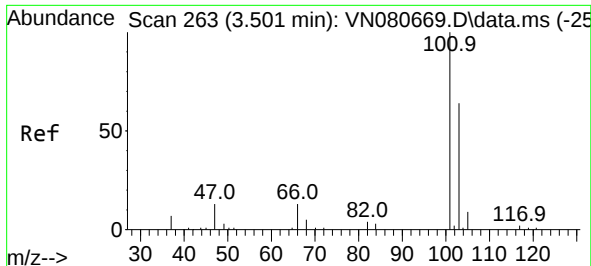
Reviewed By :John Carlone 01/12/2024
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#6
Chloroethane
Concen: 19.300 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

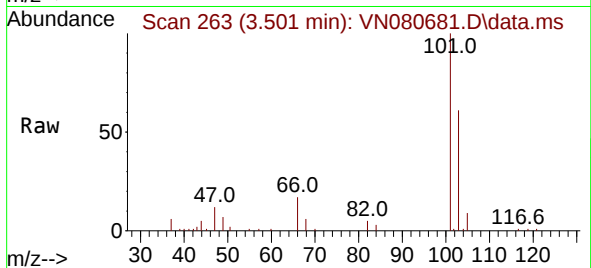
Tgt Ion: 64 Resp: 24370
Ion Ratio Lower Upper
64 100
66 35.3 26.7 40.1





#7
Trichlorofluoromethane
Concen: 18.840 ug/l
RT: 3.501 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

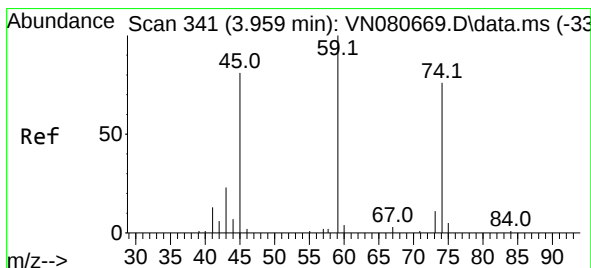
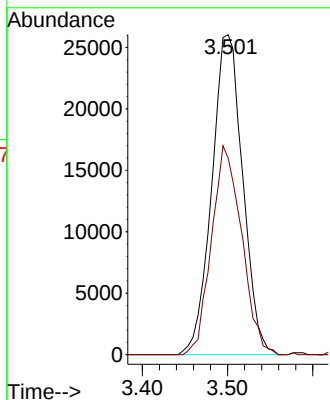
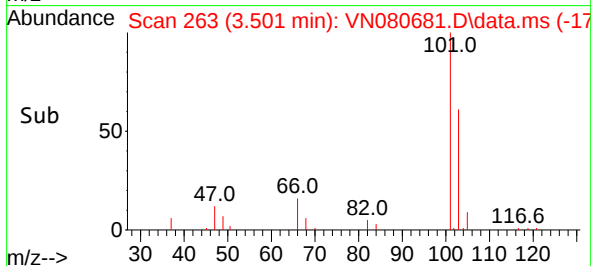
Instrument :
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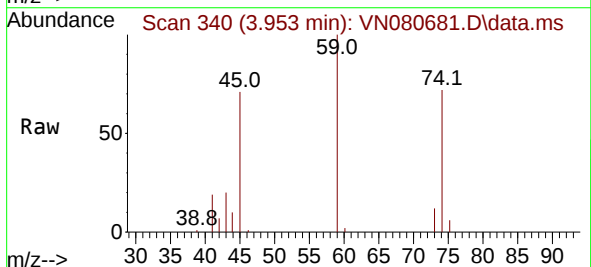
Tgt Ion:101 Resp: 65738
Ion Ratio Lower Upper
101 100
103 61.5 53.0 79.4

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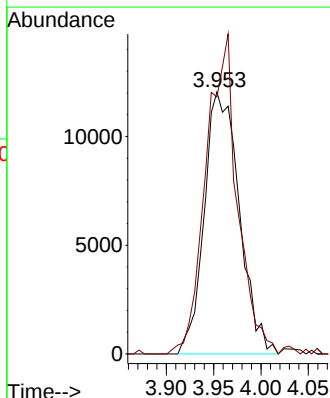
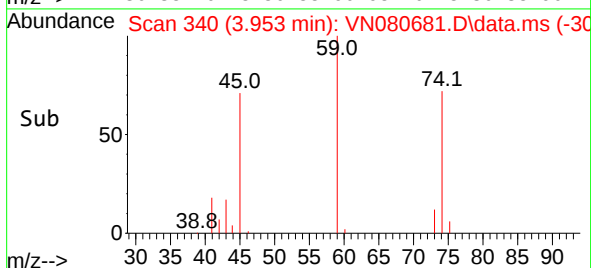
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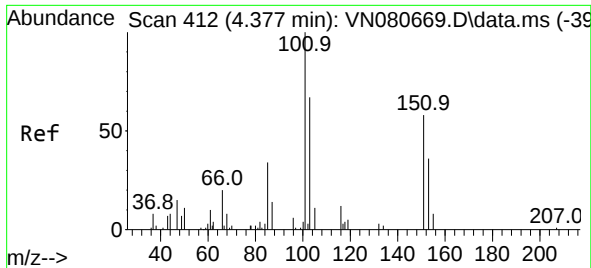


#8
Diethyl Ether
Concen: 19.123 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14



Tgt Ion: 74 Resp: 31051
Ion Ratio Lower Upper
74 100
45 109.6 16.4 147.4





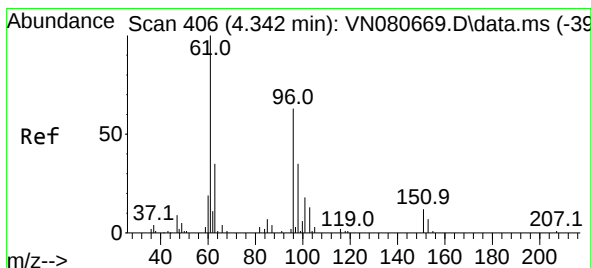
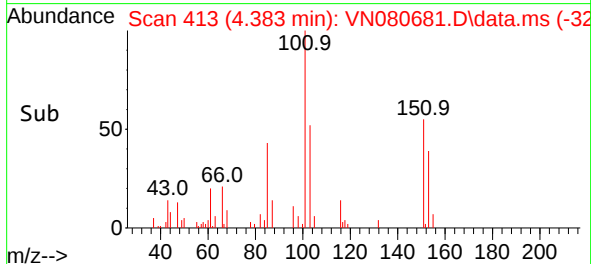
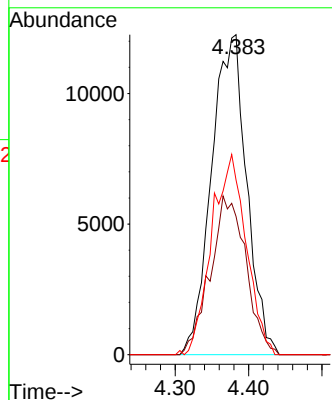
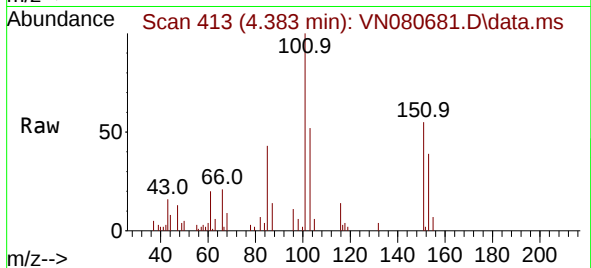
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1,1,2-Trichlorotrifluoroethane
Concen: 20.254 ug/l m
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 40725
Ion Ratio Lower Upper
101 100
85 50.2 0.0 90.6
151 41.6 0.0 157.6

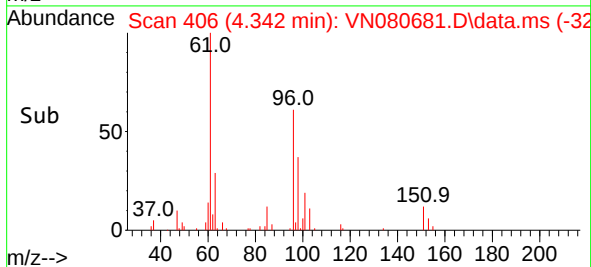
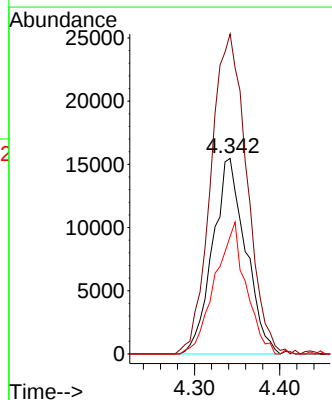
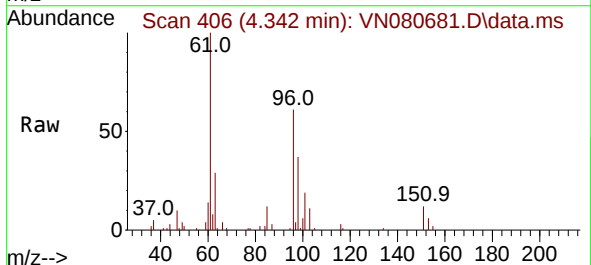
Manual Integrations
APPROVED

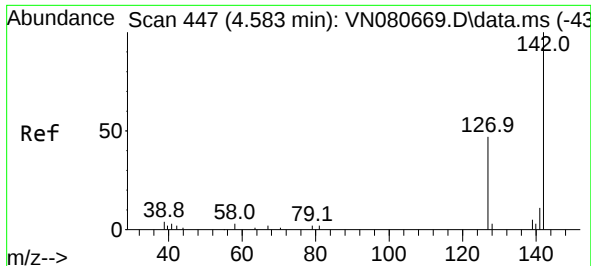
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#10
1,1-Dichloroethene
Concen: 19.239 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

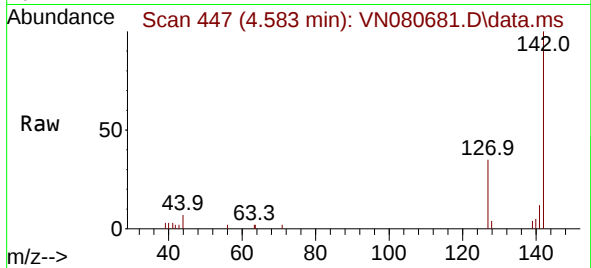
Tgt Ion: 96 Resp: 41553
Ion Ratio Lower Upper
96 100
61 161.8 117.6 176.4
98 60.1 48.4 72.6





#11
Methyl Iodide
Concen: 18.058 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

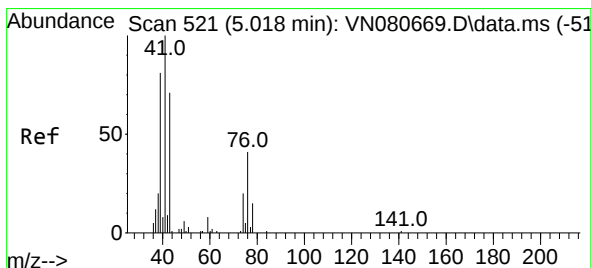
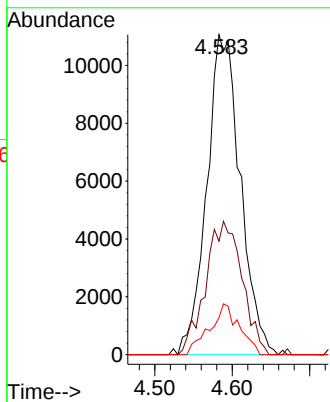
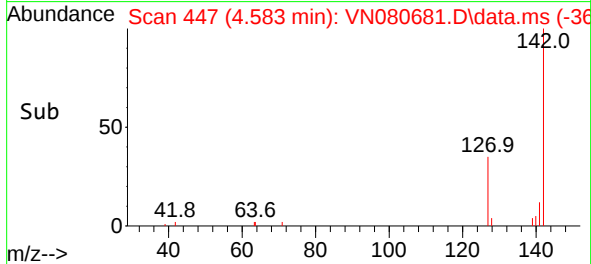
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 33260
Ion Ratio Lower Upper
142 100
127 35.5 26.3 78.9
141 11.6 8.3 24.9

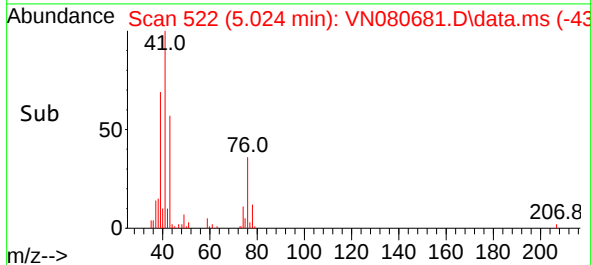
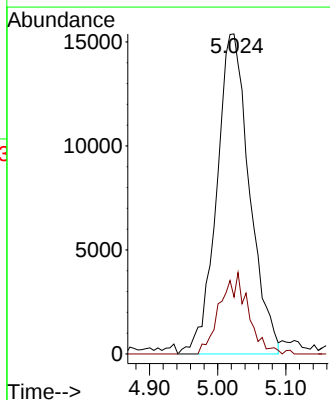
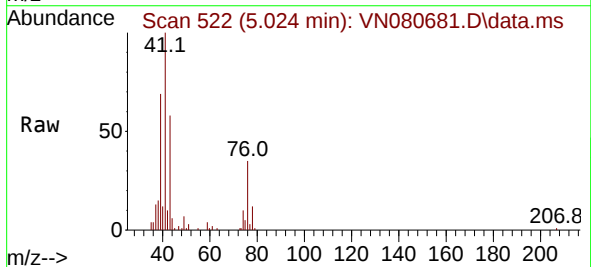
Manual Integrations
APPROVED

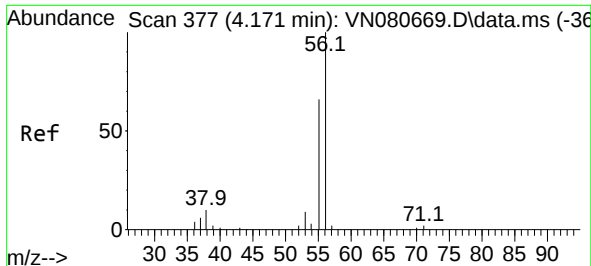
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#12
Methyl Acetate
Concen: 20.196 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 43 Resp: 51607
Ion Ratio Lower Upper
43 100
74 17.5 27.7 41.5#





#13

Acrolein

Concen: 108.331 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 3679

Ion Ratio Lower Upper

56 100

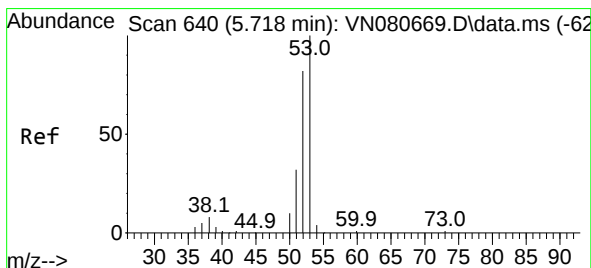
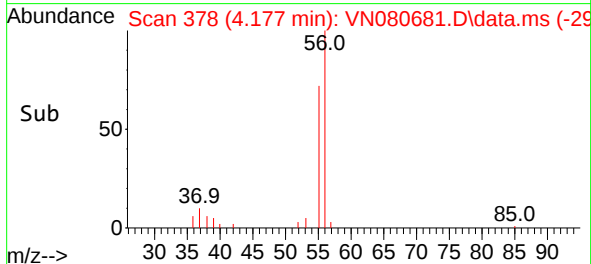
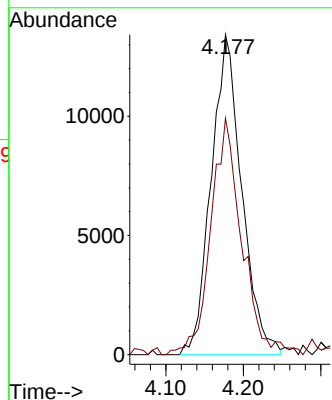
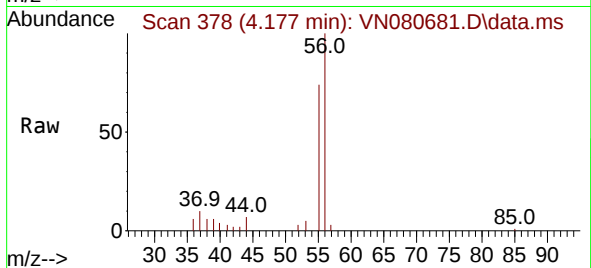
55 72.9 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#14

Acrylonitrile

Concen: 102.150 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

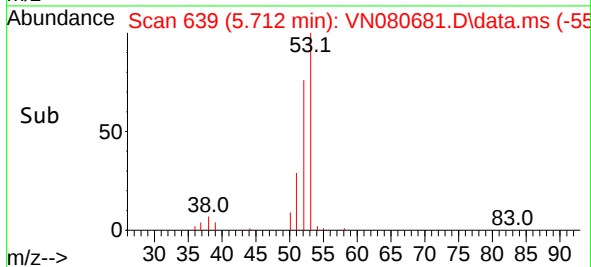
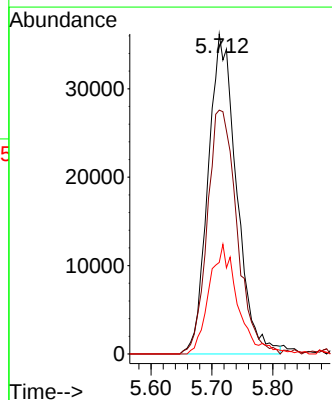
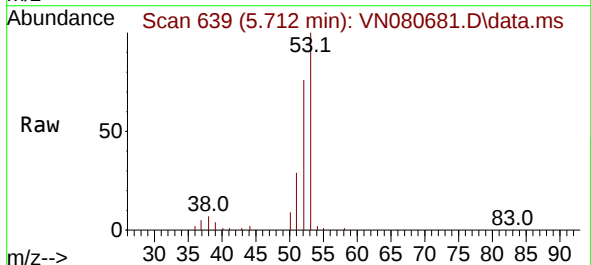
Tgt Ion: 53 Resp: 117624

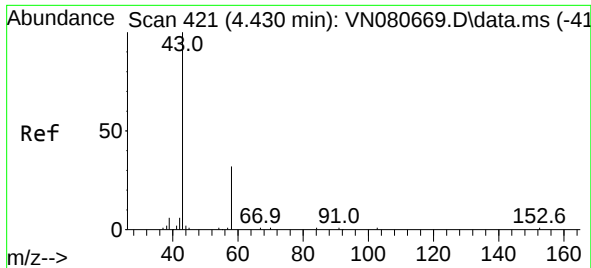
Ion Ratio Lower Upper

53 100

52 78.8 41.3 123.9

51 32.7 16.8 50.3





#15

Acetone

Concen: 83.324 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 2176

Ion Ratio Lower Upper

58 100

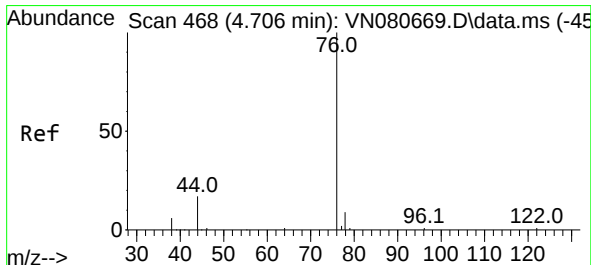
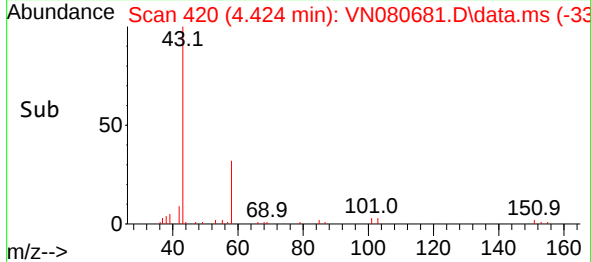
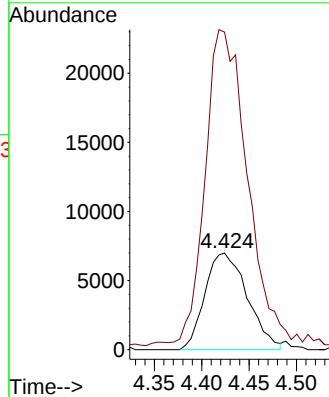
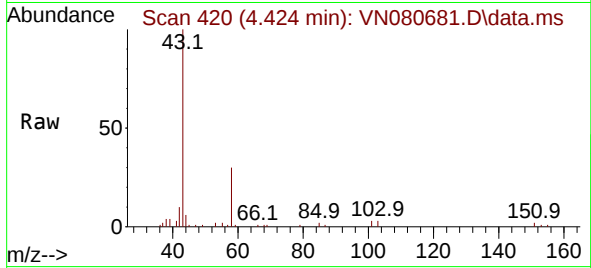
43 317.4 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#16

Carbon Disulfide

Concen: 18.658 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN080681.D

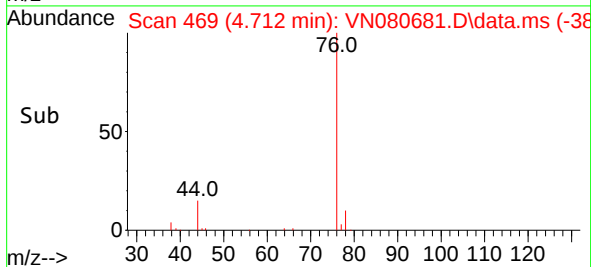
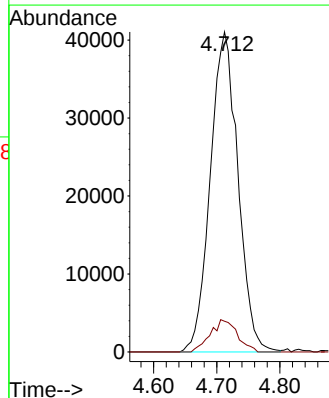
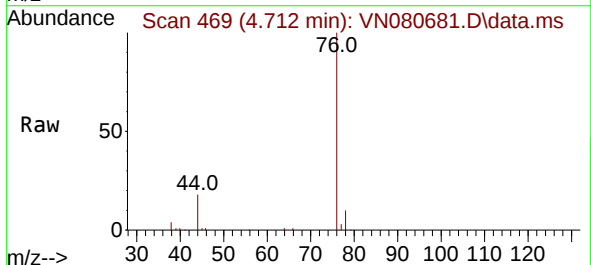
Acq: 11 Jan 2024 17:14

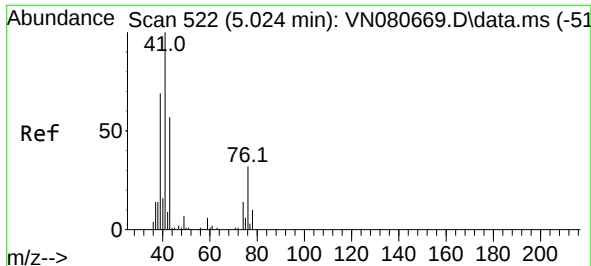
Tgt Ion: 76 Resp: 124844

Ion Ratio Lower Upper

76 100

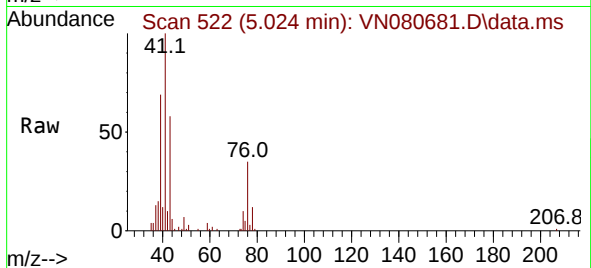
78 9.6 6.3 9.5#





#17
Allyl chloride
Concen: 18.293 ug/l
RT: 5.024 min Scan# 517
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

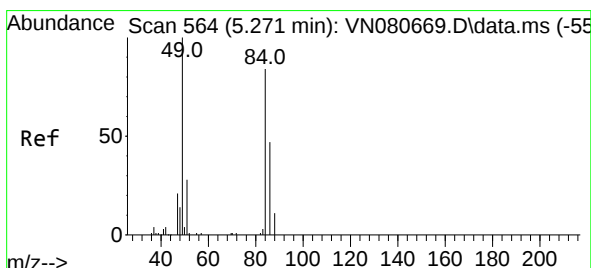
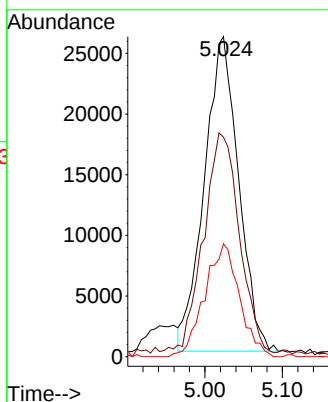
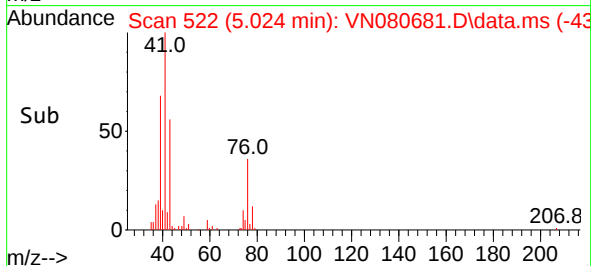
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



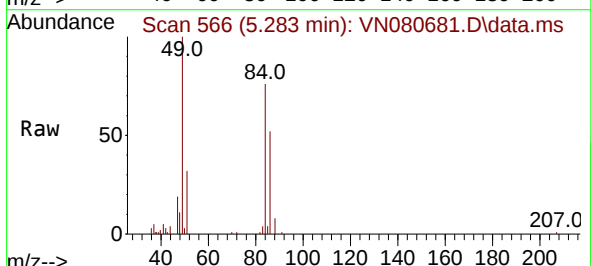
Tgt Ion: 41 Resp: 7998
Ion Ratio Lower Upper
41 100
39 68.3 37.6 112.9
76 35.9 27.8 83.4

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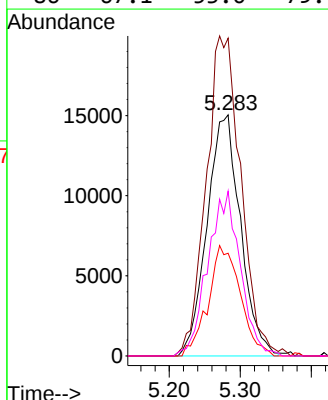
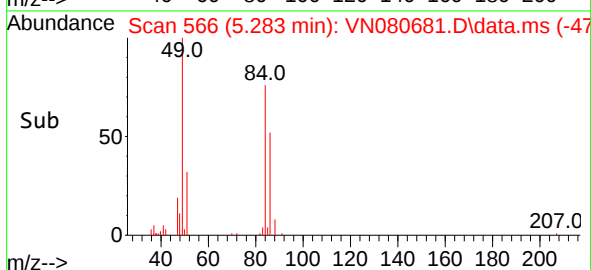
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

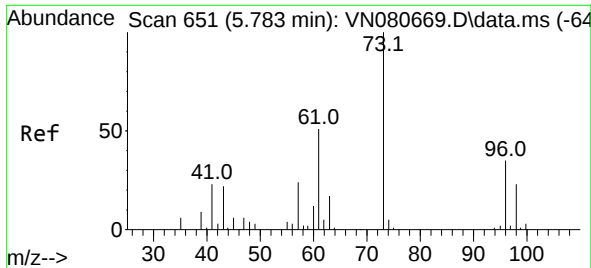


#18
Methylene Chloride
Concen: 19.616 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14



Tgt Ion: 84 Resp: 49234
Ion Ratio Lower Upper
84 100
49 130.3 86.0 129.0#
51 42.6 30.0 45.0
86 67.1 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 20.171 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

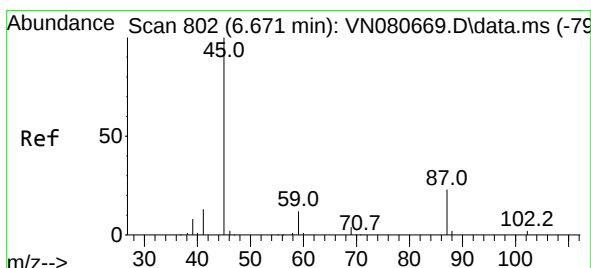
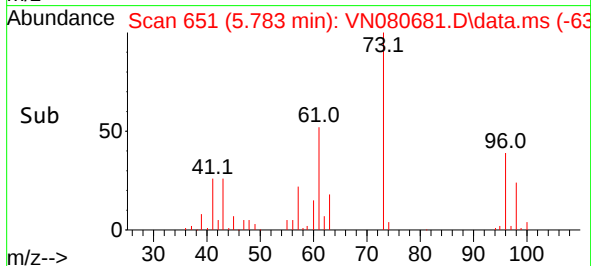
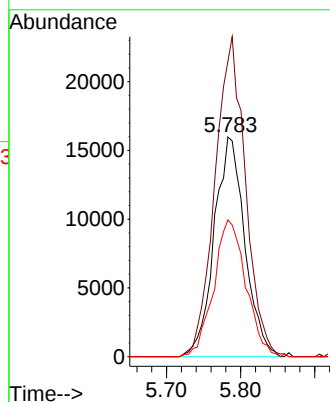
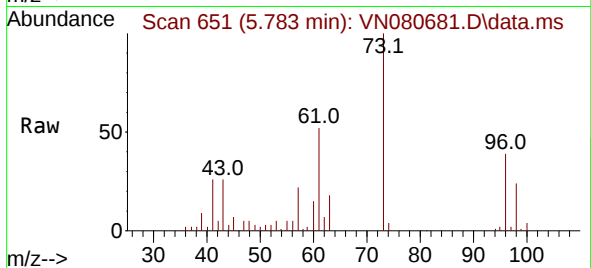
Tgt Ion: 96 Resp: 45800
Ion Ratio Lower Upper
96 100
61 134.3 111.8 167.6
98 62.3 49.2 73.8

Manual Integrations

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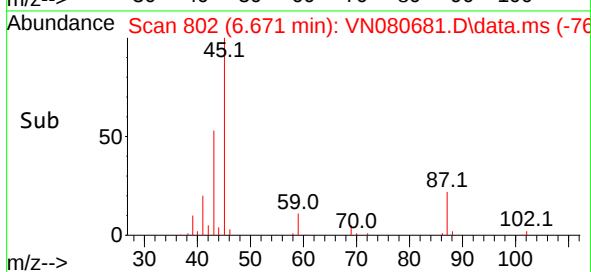
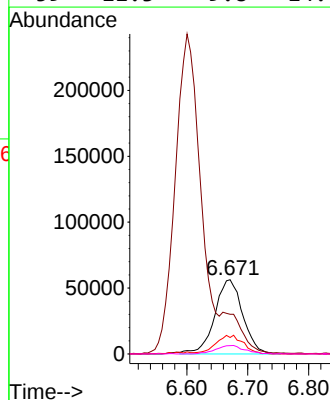
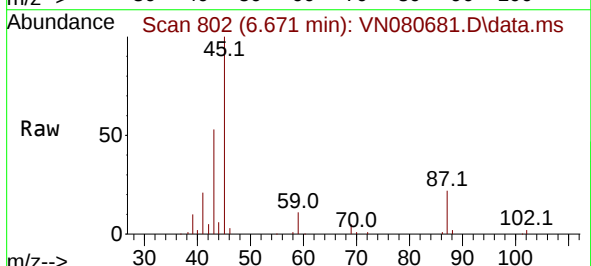
Reviewed By :John Carlone 01/12/2024

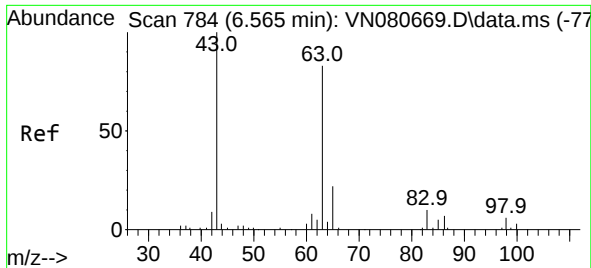
Supervised By :Semsettin Yesilyurt 01/12/2024



#20
Diisopropyl ether
Concen: 20.282 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 45 Resp: 179950
Ion Ratio Lower Upper
45 100
43 52.3 40.4 60.6
87 22.3 23.8 35.8#
59 11.3 9.8 14.6





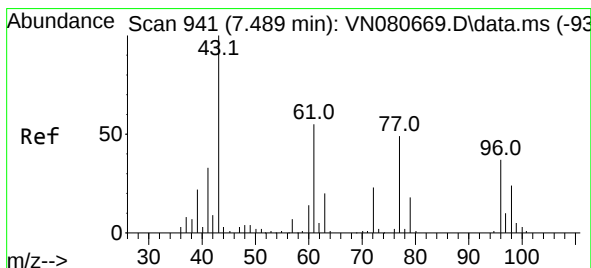
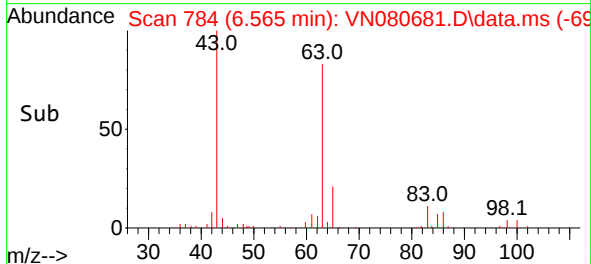
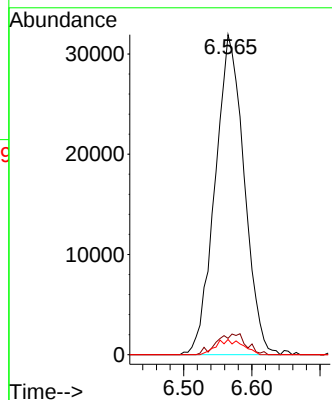
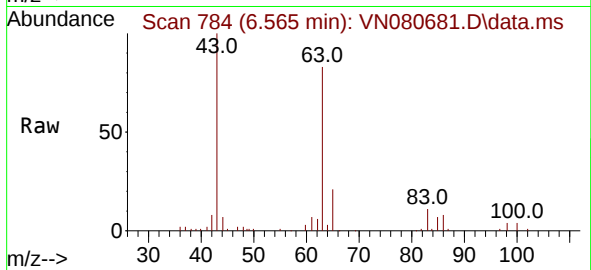
#21
1,1-Dichloroethane
Concen: 19.651 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 9468
Ion Ratio Lower Upper
63 100
98 5.1 4.1 12.3
100 4.8 3.0 9.0

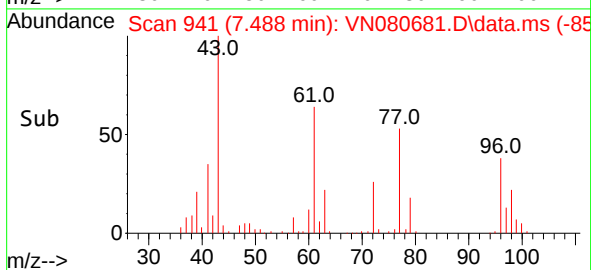
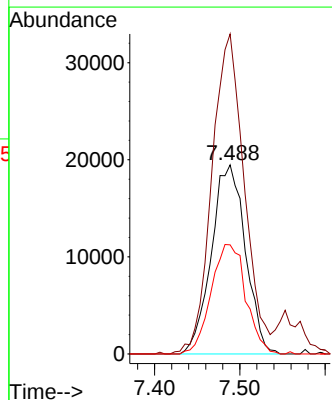
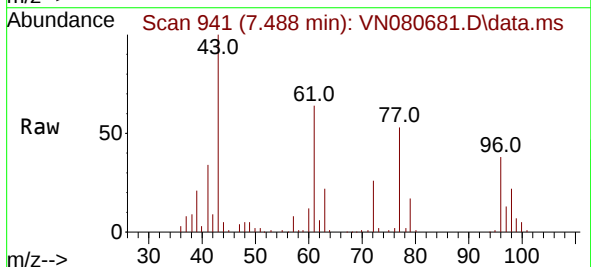
Manual Integrations
APPROVED

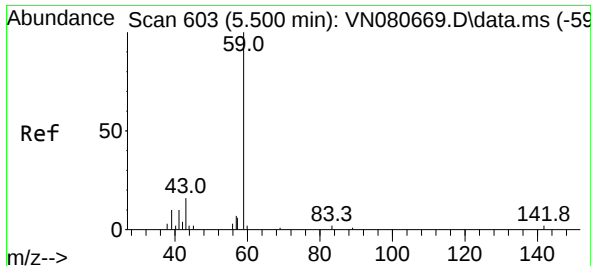
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#22
cis-1,2-Dichloroethene
Concen: 20.352 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

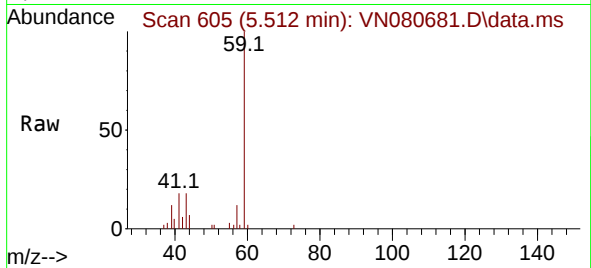
Tgt Ion: 96 Resp: 54066
Ion Ratio Lower Upper
96 100
61 160.6 113.5 170.3
98 59.0 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 98.660 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

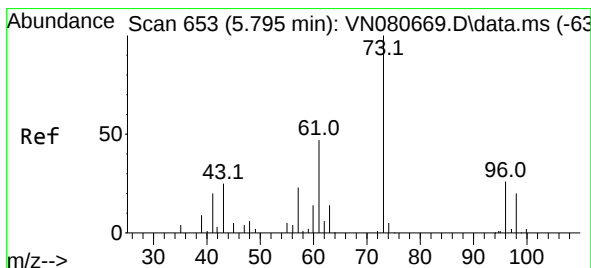
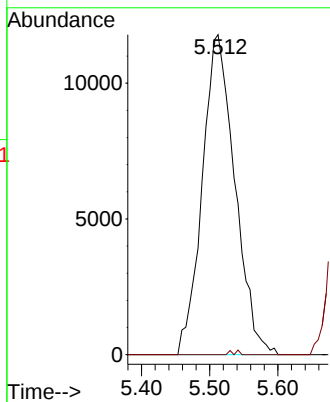
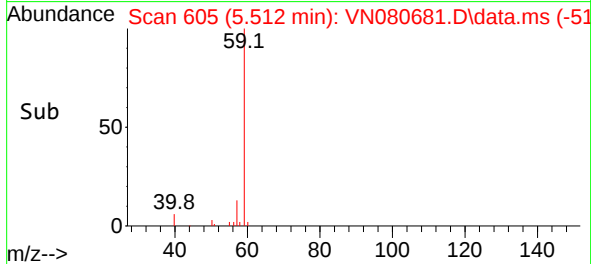
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



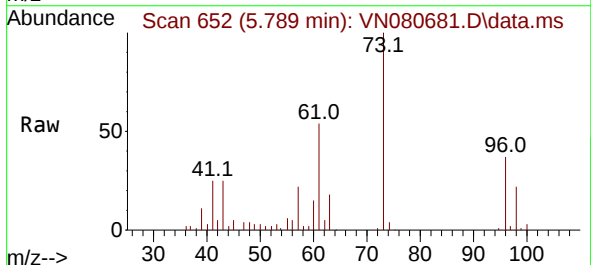
Tgt Ion: 59 Resp: 3918
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

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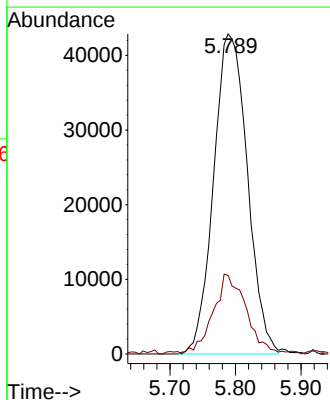
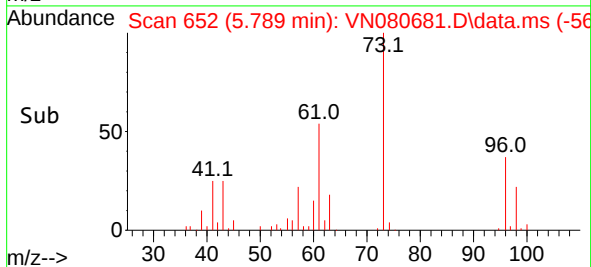
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

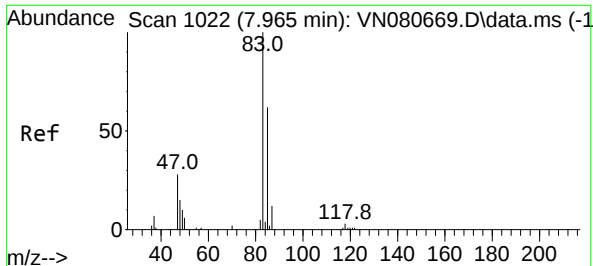


#24
Methyl tert-Butyl Ether
Concen: 19.646 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14



Tgt Ion: 73 Resp: 153424
Ion Ratio Lower Upper
73 100
43 20.7 13.4 20.2





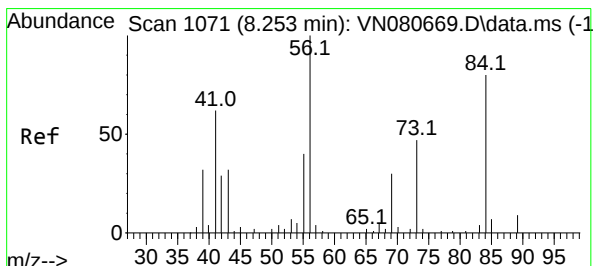
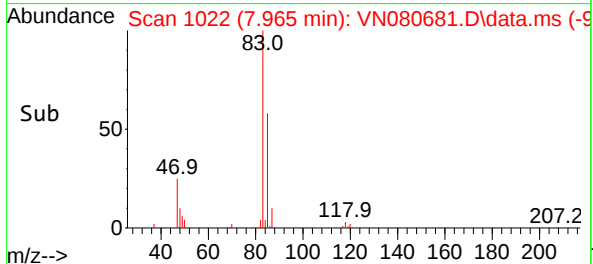
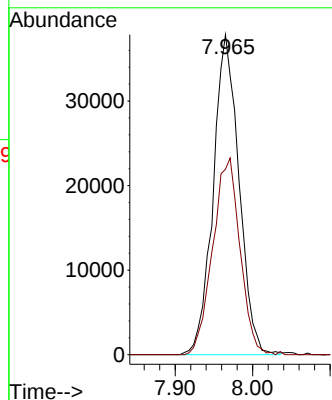
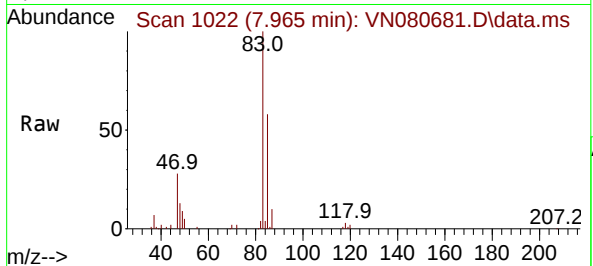
#25
Chloroform
Concen: 19.519 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 8756
Ion Ratio Lower Upper
83 100
85 58.0 50.9 76.3

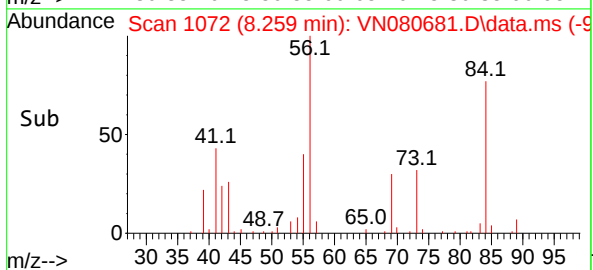
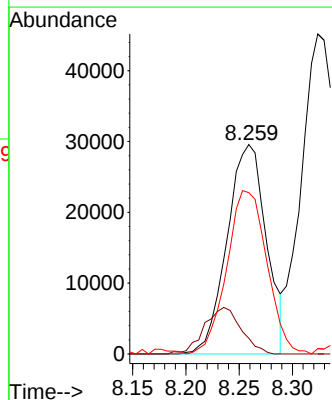
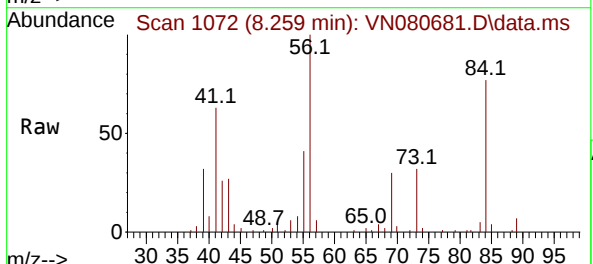
Manual Integrations
APPROVED

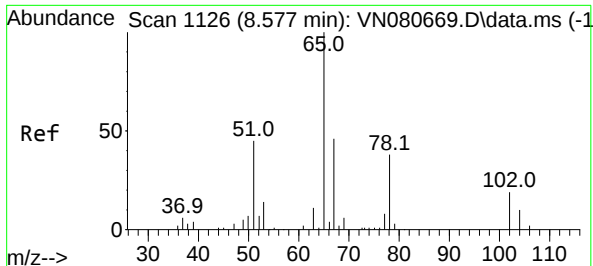
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#26
Cyclohexane
Concen: 20.049 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 56 Resp: 75964
Ion Ratio Lower Upper
56 100
89 20.5 19.3 28.9
84 79.5 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 29.221 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

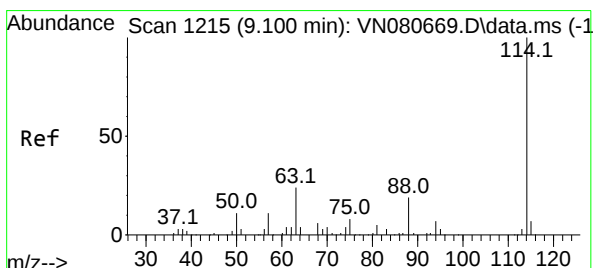
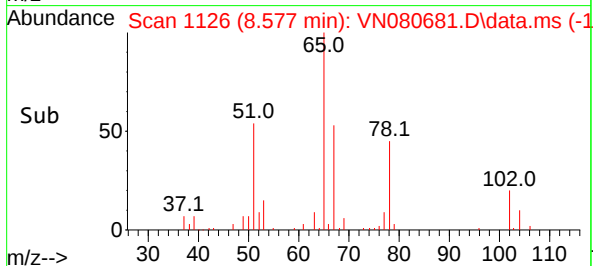
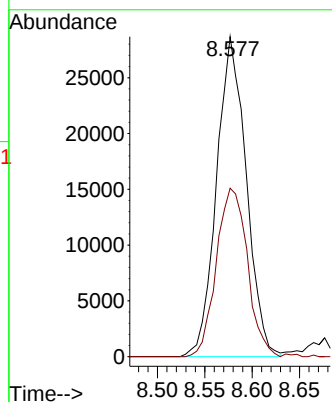
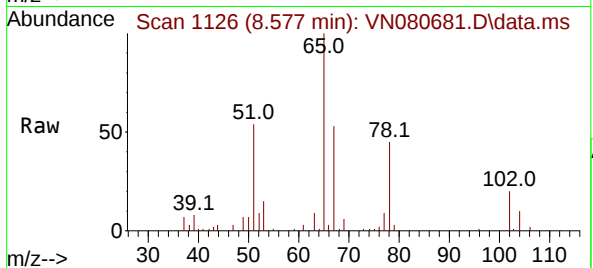
VSTDCCC020EC

Tgt Ion: 65 Resp: 62580
Ion Ratio Lower Upper
65 100
67 54.9 43.2 64.8

Manual Integrations

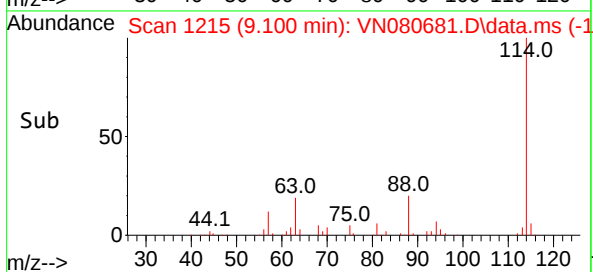
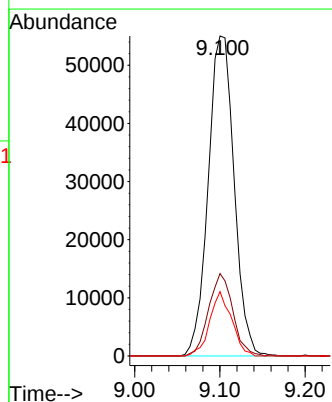
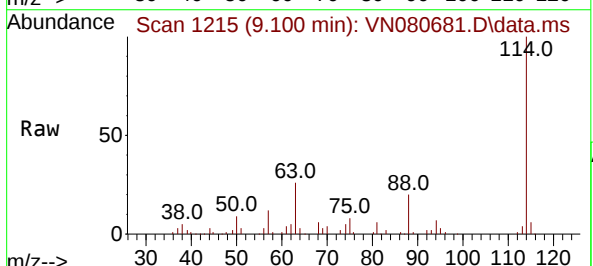
APPROVED

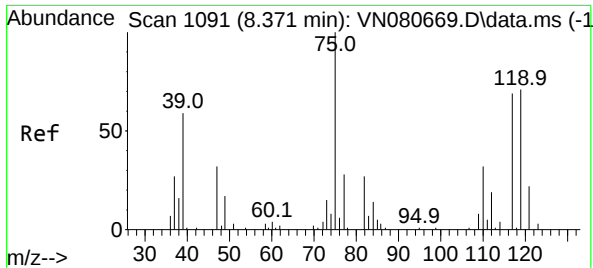
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion:114 Resp: 116506
Ion Ratio Lower Upper
114 100
63 24.0 15.9 23.9#
88 17.0 12.7 19.1





#29
1,1-Dichloropropene
Concen: 18.764 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

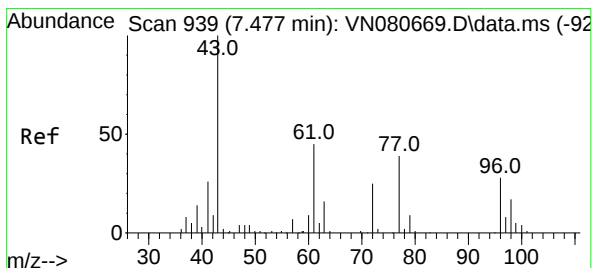
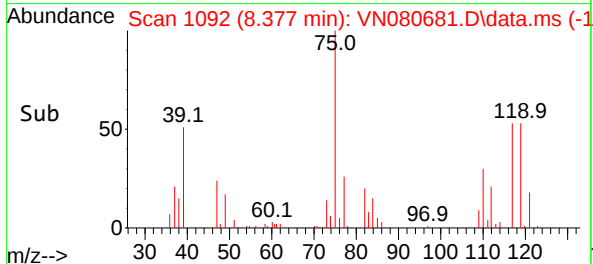
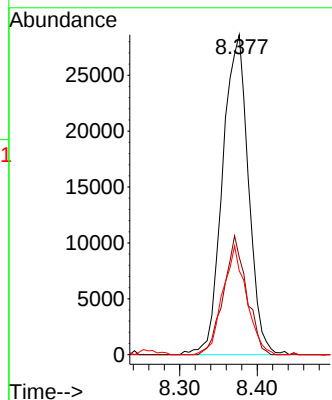
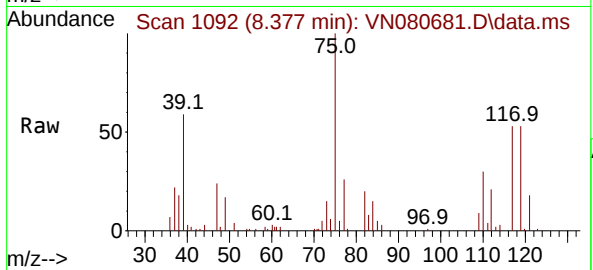
Tgt Ion: 75 Resp: 6645
Ion Ratio Lower Upper
75 100
110 33.2 0.0 70.2
77 31.4 0.0 61.4

Manual Integrations

APPROVED

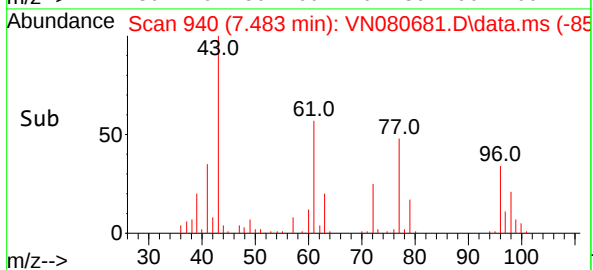
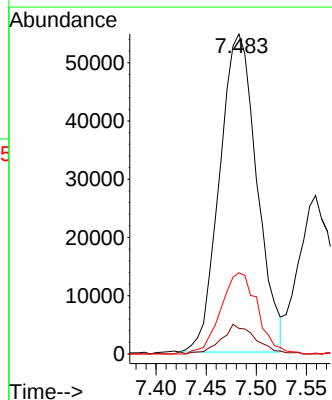
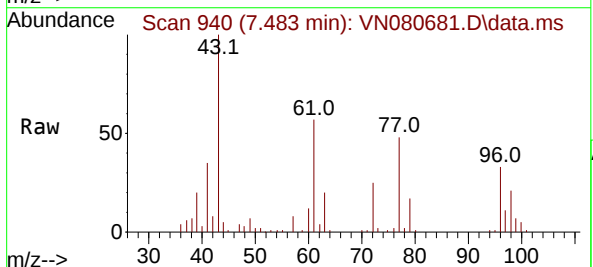
Reviewed By :John Carlone 01/12/2024

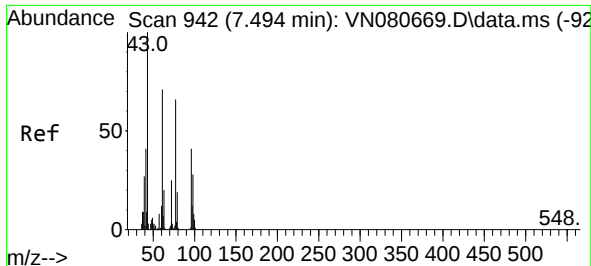
Supervised By :Semsettin Yesilyurt 01/12/2024



#30
2-Butanone
Concen: 90.381 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 43 Resp: 141640
Ion Ratio Lower Upper
43 100
57 8.3 6.7 10.1
72 25.2 24.0 36.0





#31

2,2-Dichloropropane

Concen: 18.616 ug/l

RT: 7.488 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 77 Resp: 7920

Ion Ratio Lower Upper

77 100

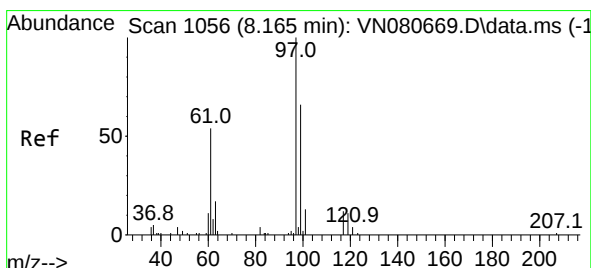
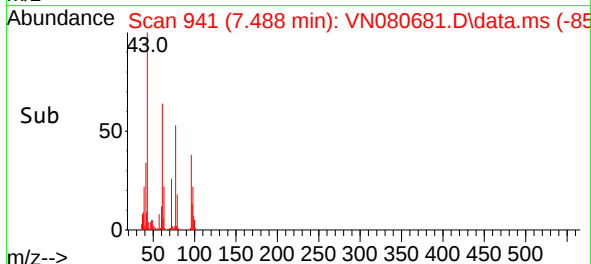
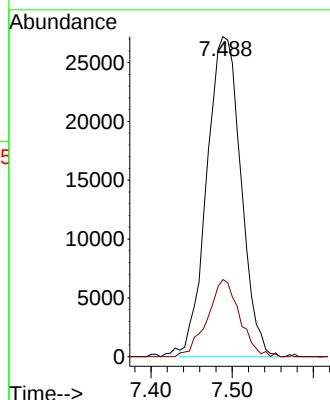
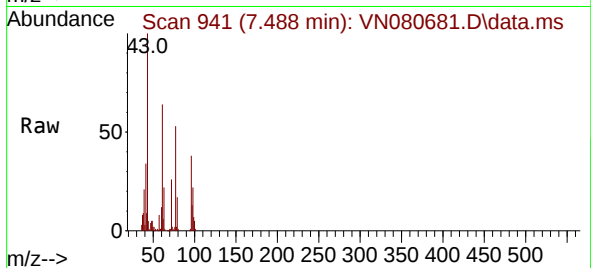
97 22.4 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#32

1,1,1-Trichloroethane

Concen: 18.855 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

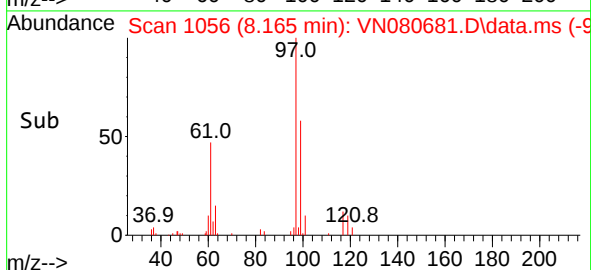
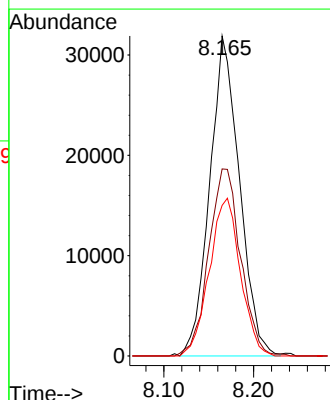
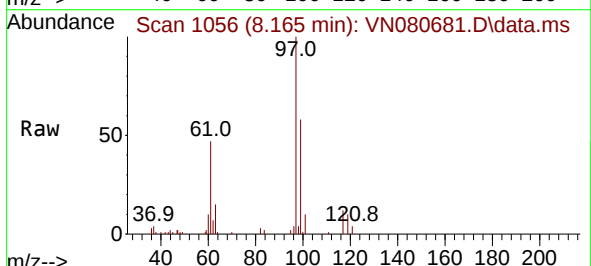
Tgt Ion: 97 Resp: 73479

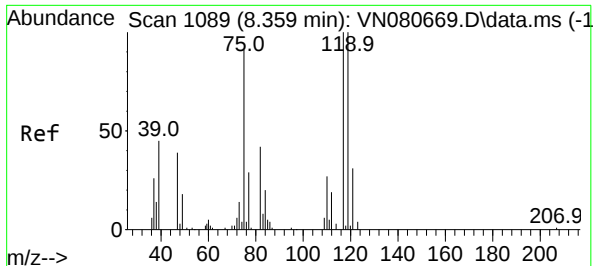
Ion Ratio Lower Upper

97 100

99 62.6 51.0 76.4

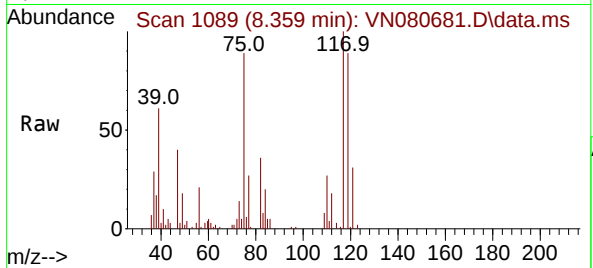
61 51.5 33.8 50.8#





#33
Carbon Tetrachloride
Concen: 18.862 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

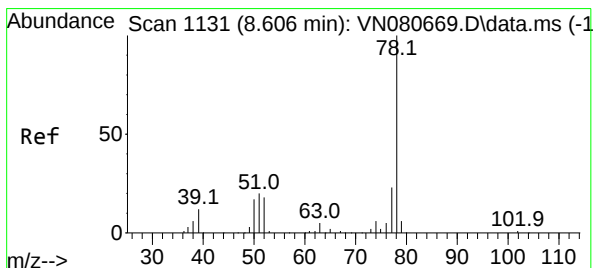
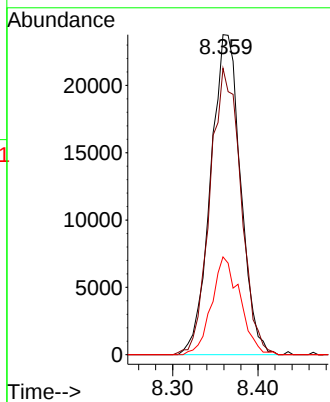
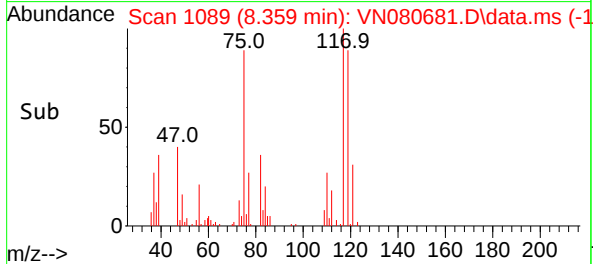
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 5805
Ion Ratio Lower Upper
117 100
119 89.5 77.7 116.5
121 30.6 27.0 40.6

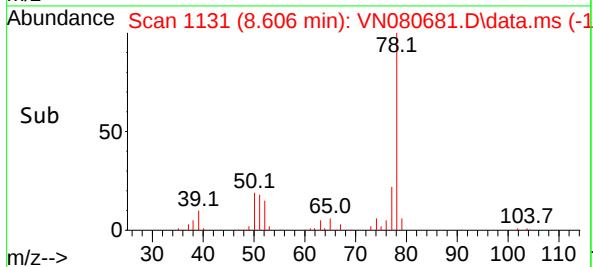
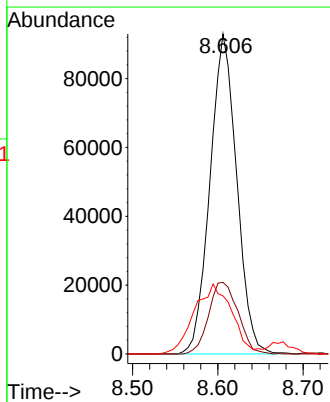
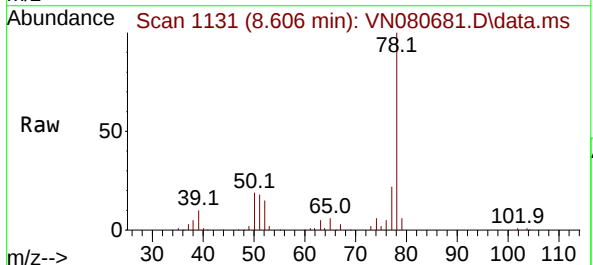
Manual Integrations
APPROVED

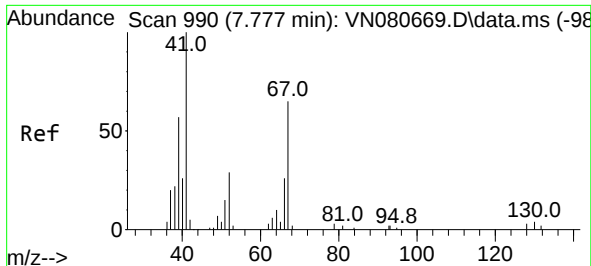
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#34
Benzene
Concen: 19.293 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

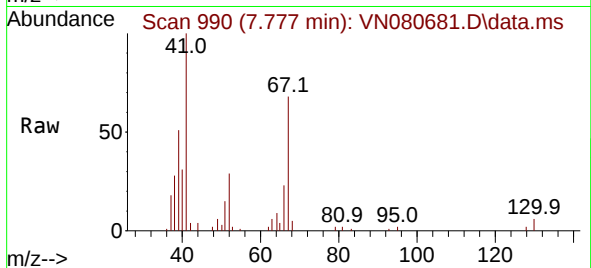
Tgt Ion: 78 Resp: 202663
Ion Ratio Lower Upper
78 100
77 22.4 19.2 28.8
51 15.3 13.3 19.9





#35
Methacrylonitrile
Concen: 20.303 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

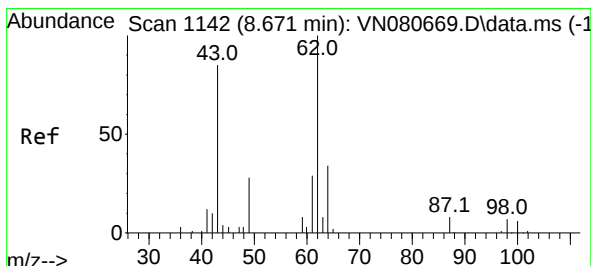
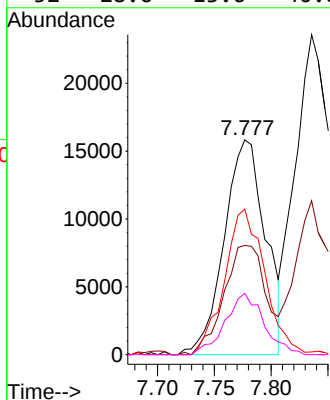
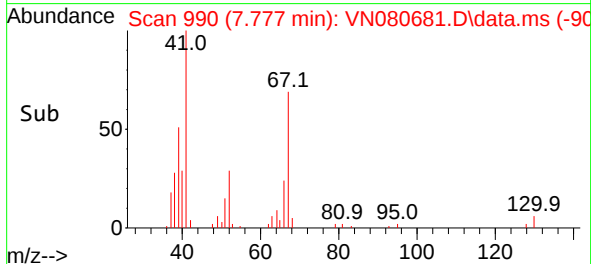
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



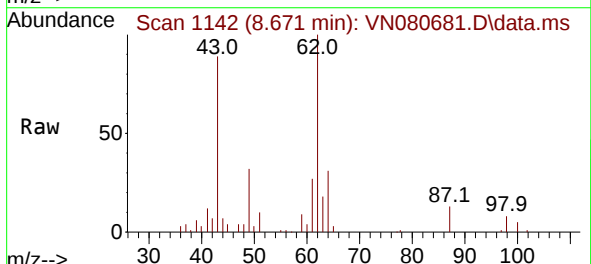
Tgt Ion: 41 Resp: 39920
Ion Ratio Lower Upper
41 100
39 50.8 25.3 75.9
67 67.7 38.7 116.1
52 28.6 13.6 40.8

Manual Integrations
APPROVED

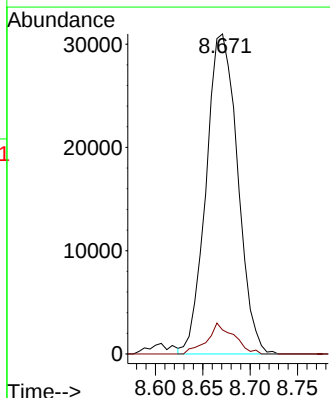
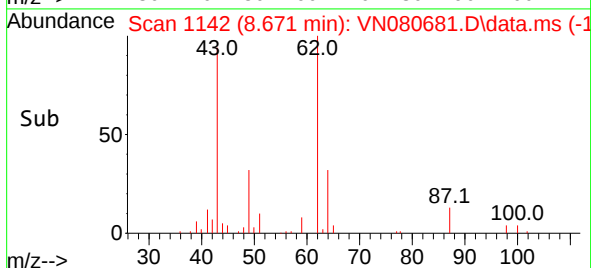
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

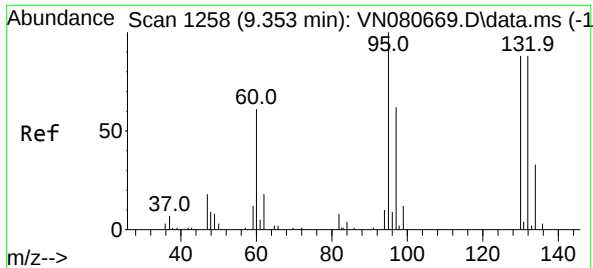


#36
1,2-Dichloroethane
Concen: 18.586 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14



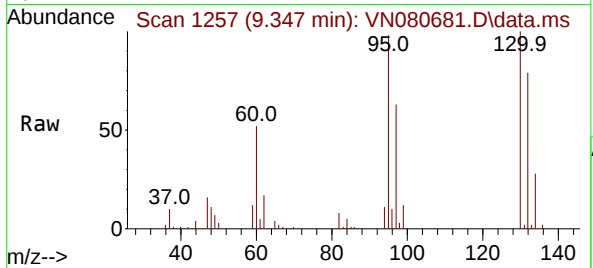
Tgt Ion: 62 Resp: 71790
Ion Ratio Lower Upper
62 100
98 8.2 8.2 12.4#





#37
Trichloroethene
Concen: 19.919 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

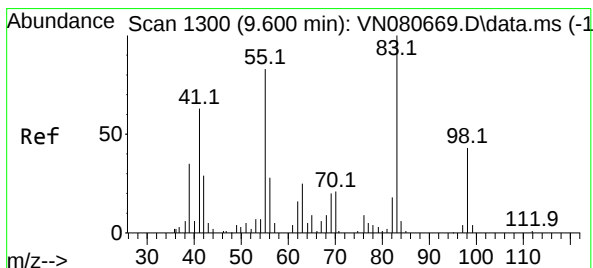
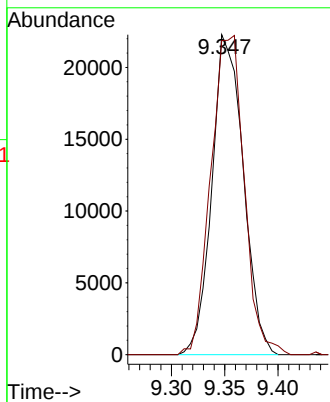
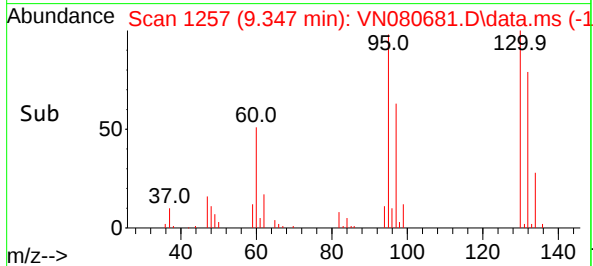
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 45634
Ion Ratio Lower Upper
130 100
95 98.1 80.2 120.4

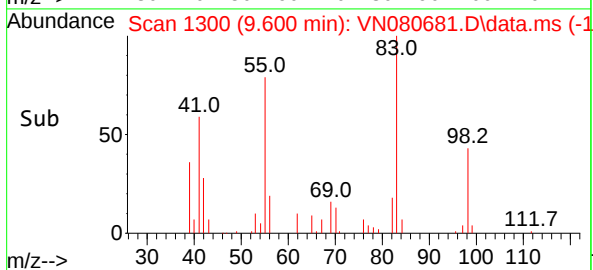
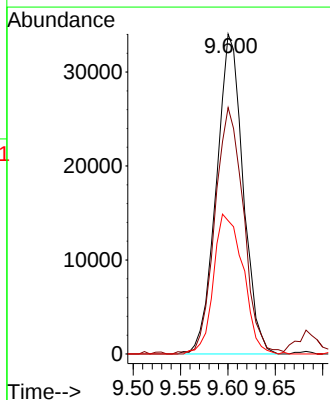
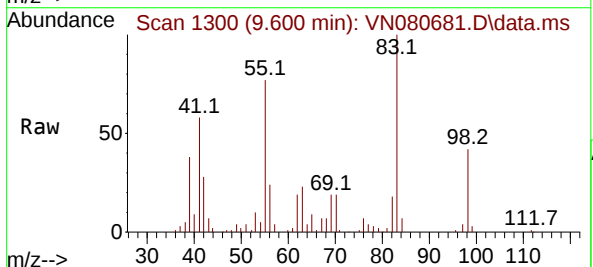
Manual Integrations
APPROVED

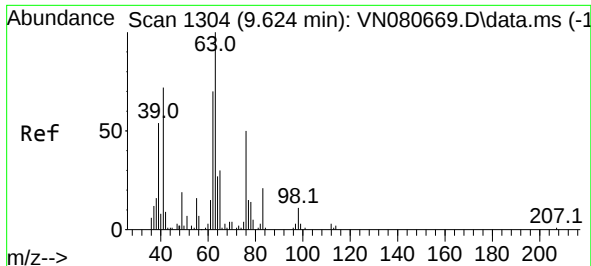
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#38
Methylcyclohexane
Concen: 19.397 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 83 Resp: 66923
Ion Ratio Lower Upper
83 100
55 81.1 36.6 109.9
98 48.1 23.8 71.5





#39

1,2-Dichloropropane

Concen: 20.415 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 5780

Ion Ratio Lower Upper

63 100

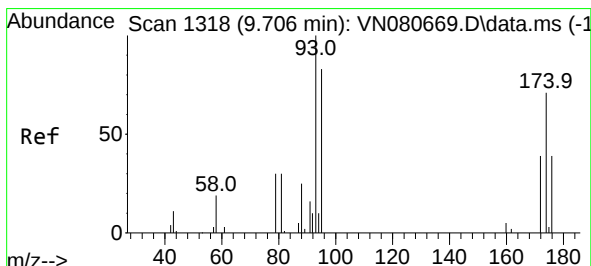
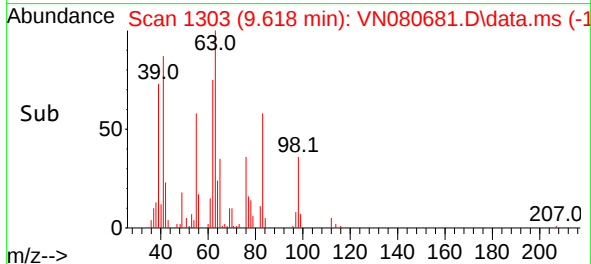
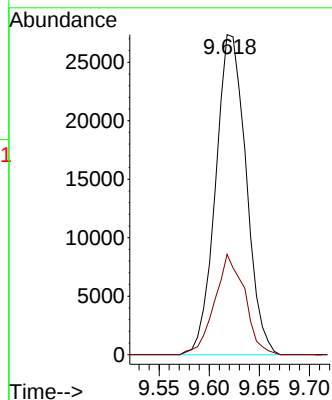
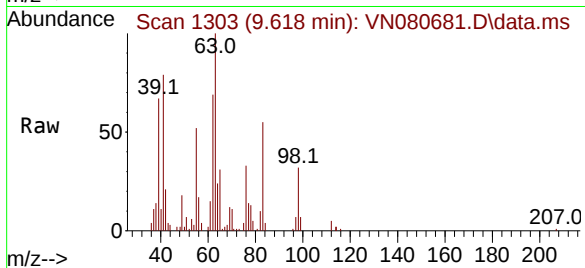
65 31.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#40

Dibromomethane

Concen: 18.392 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

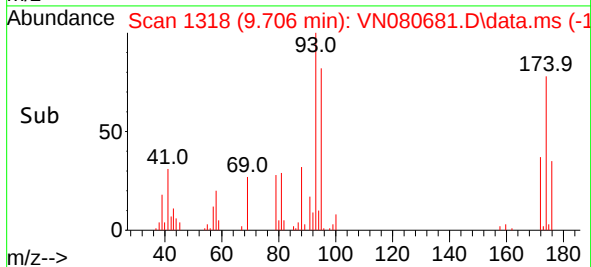
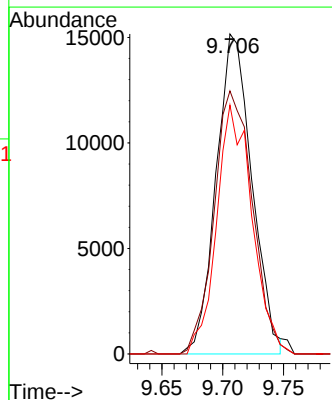
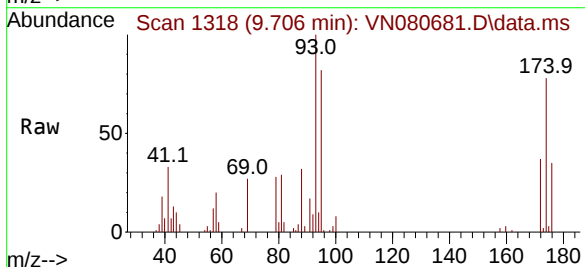
Tgt Ion: 93 Resp: 30984

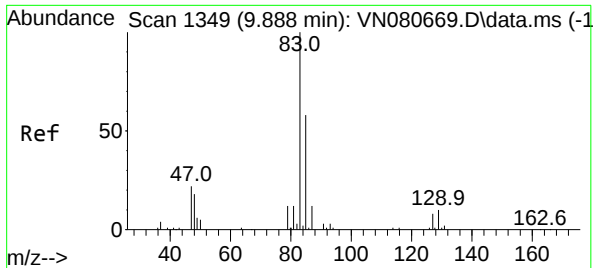
Ion Ratio Lower Upper

93 100

95 88.2 0.0 164.6

174 76.9 0.0 193.2





#41
Bromodichloromethane
Concen: 18.297 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

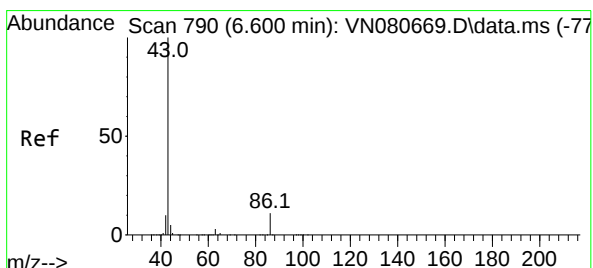
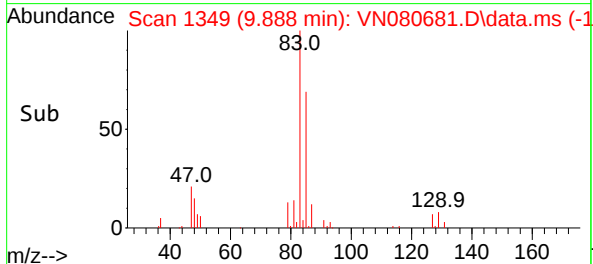
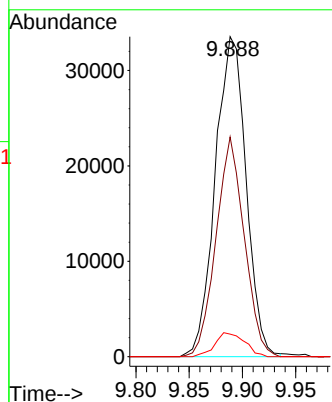
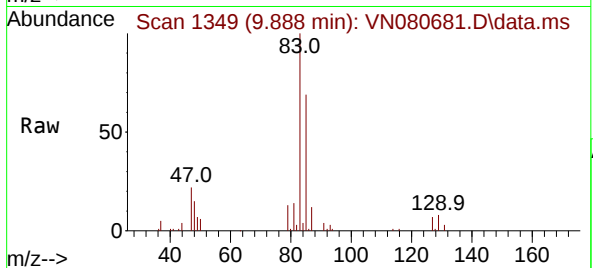
Tgt Ion: 83 Resp: 67454
Ion Ratio Lower Upper
83 100
85 68.6 49.4 74.2
127 7.1 7.3 10.9

Manual Integrations

APPROVED

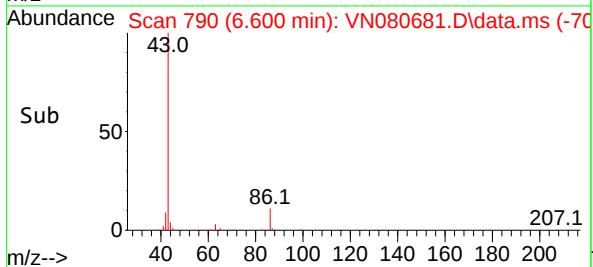
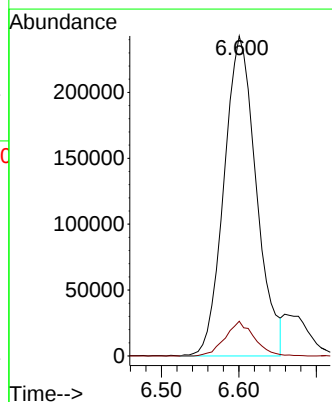
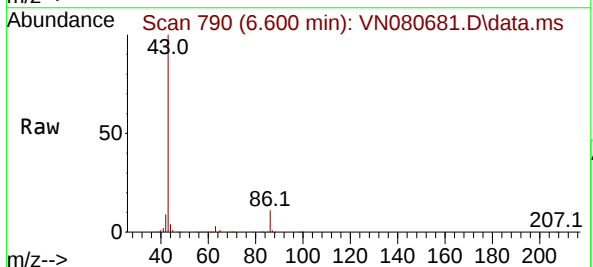
Reviewed By :John Carlone 01/12/2024

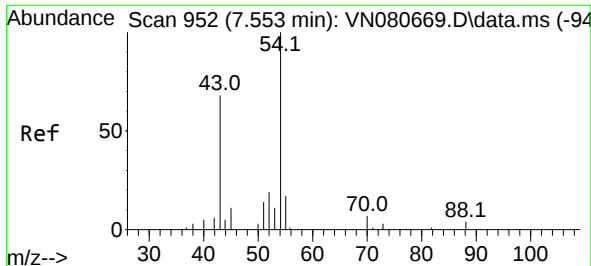
Supervised By :Semsettin Yesilyurt 01/12/2024



#42
Vinyl Acetate
Concen: 96.691 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 43 Resp: 704279
Ion Ratio Lower Upper
43 100
86 9.8 9.4 14.2





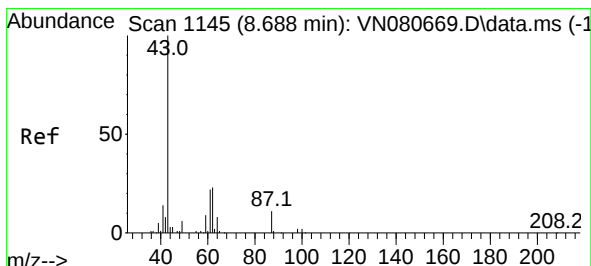
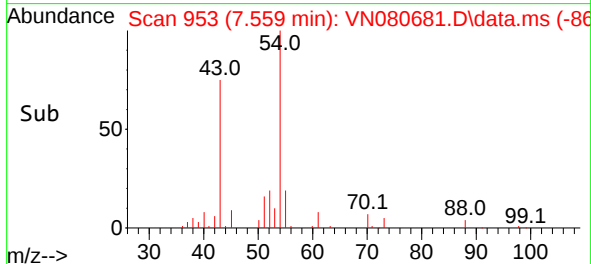
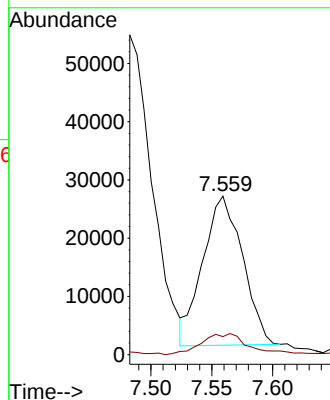
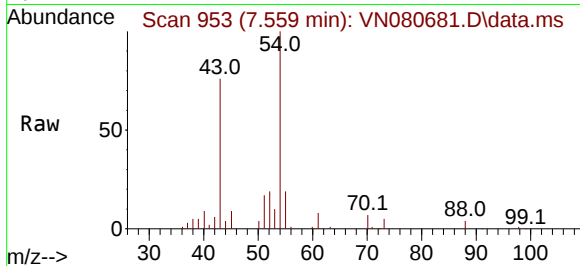
#43
Ethyl Acetate
Concen: 17.668 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 58139
Ion Ratio Lower Upper
43 100
45 8.6 10.6 15.8

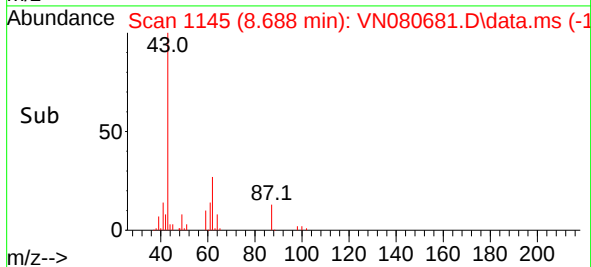
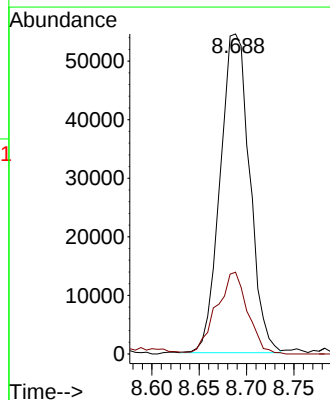
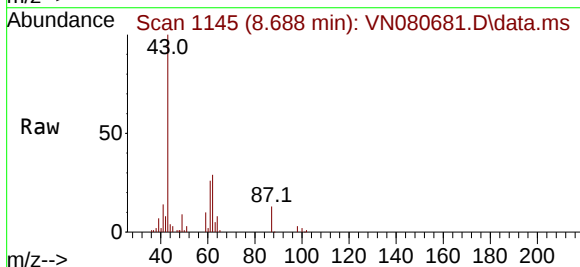
Manual Integrations
APPROVED

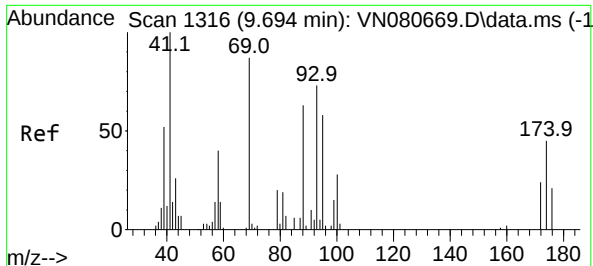
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#44
Isopropyl Acetate
Concen: 18.806 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 43 Resp: 118134
Ion Ratio Lower Upper
43 100
61 27.1 25.0 37.4





#45

1,4-Dioxane

Concen: 375.349 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

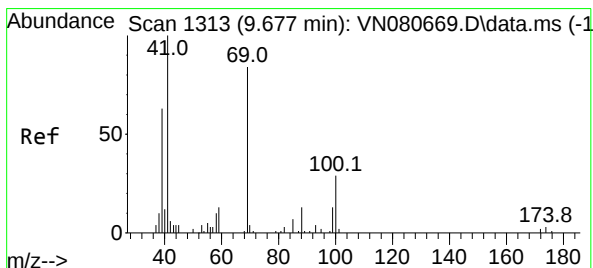
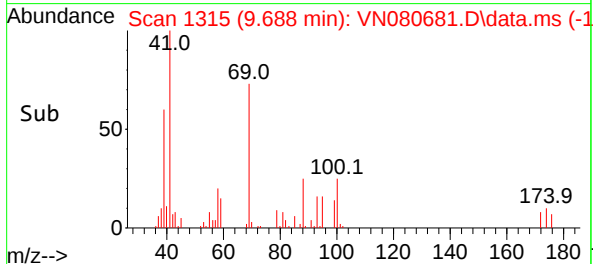
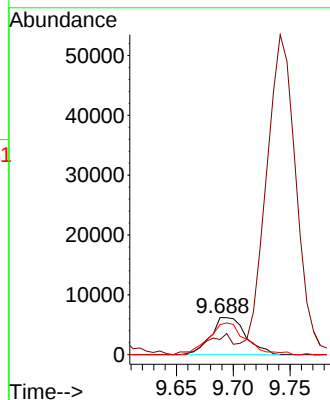
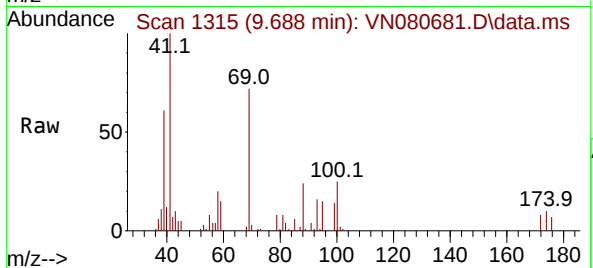
Tgt Ion: 88 Resp: 13410
 Ion Ratio Lower Upper
 88 100
 43 4.7 19.8 29.6
 58 88.1 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#46

Methyl methacrylate

Concen: 19.757 ug/l

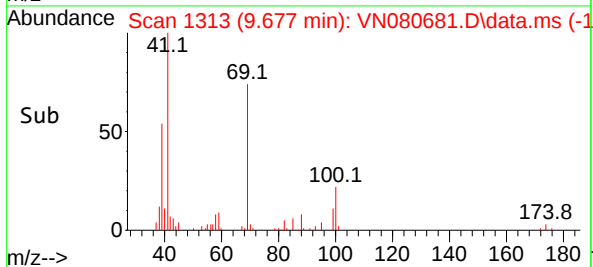
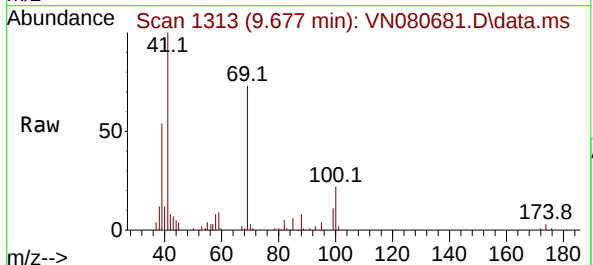
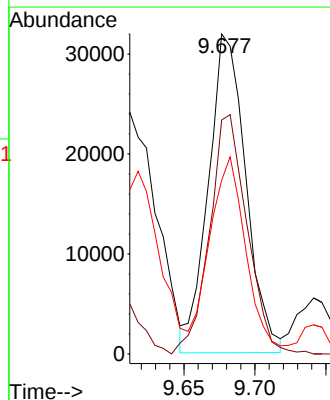
RT: 9.677 min Scan# 1313

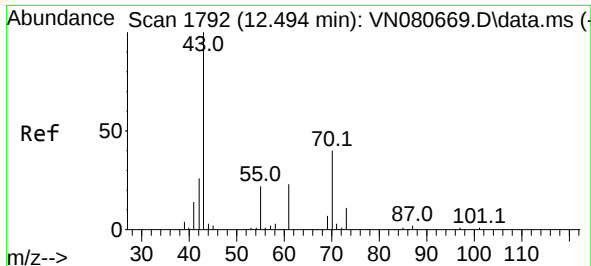
Delta R.T. -0.000 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

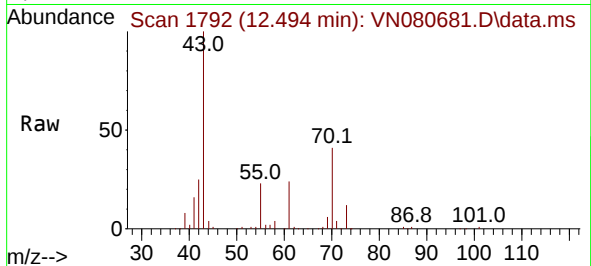
Tgt Ion: 41 Resp: 58441
 Ion Ratio Lower Upper
 41 100
 69 74.6 51.1 153.3
 39 54.3 25.8 77.3





#47
n-amyl acetate
Concen: 19.655 ug/l m
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

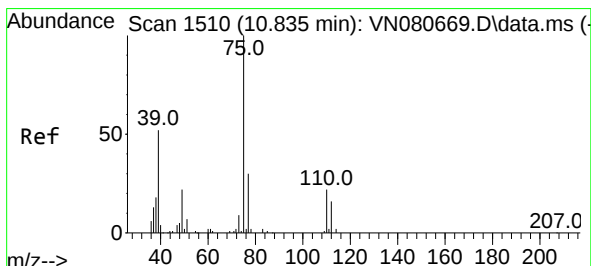
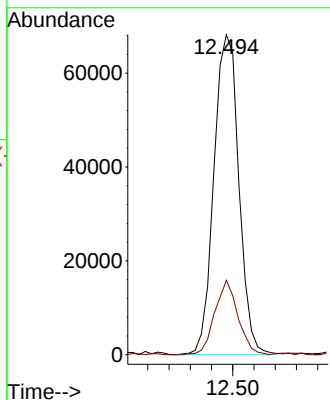
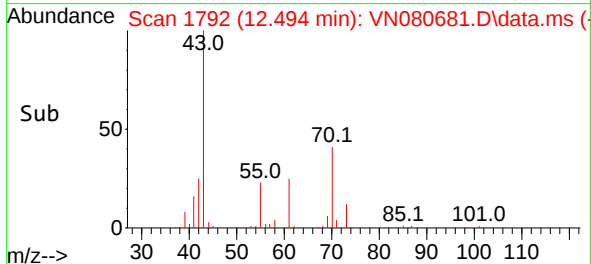
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 11079
Ion Ratio Lower Upper
43 100
55 1.7 23.4 35.2

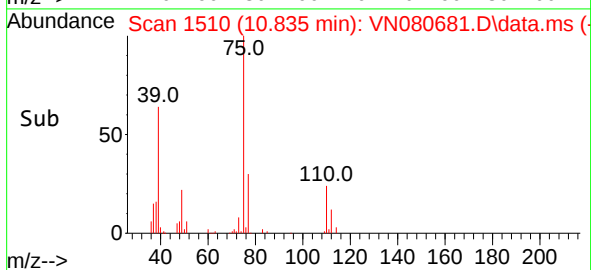
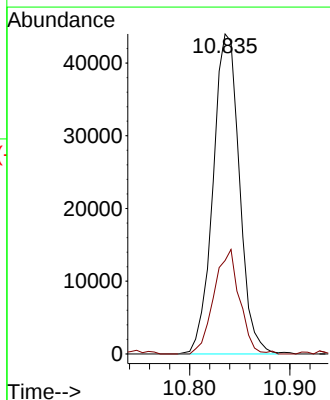
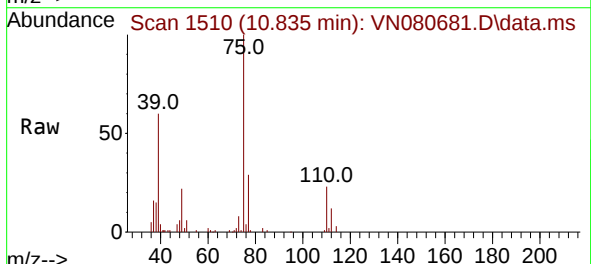
Manual Integrations
APPROVED

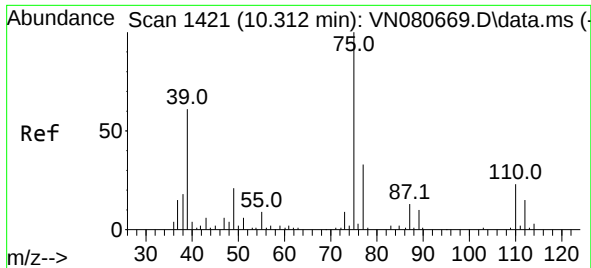
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#48
t-1,3-Dichloropropene
Concen: 18.537 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 75 Resp: 80523
Ion Ratio Lower Upper
75 100
77 29.2 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.605 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080681.D
 Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

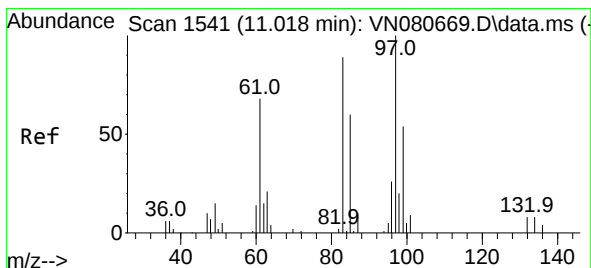
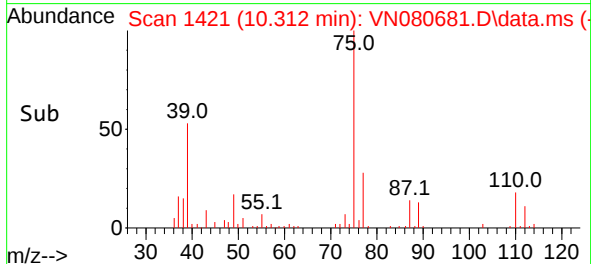
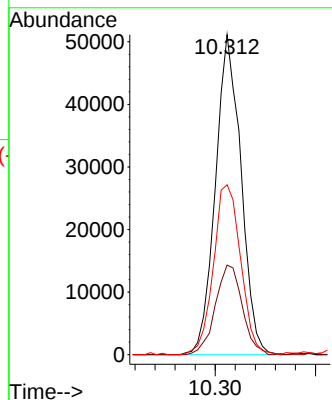
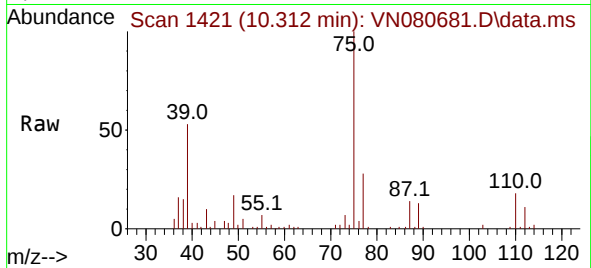
VSTDCCC020EC

Tgt Ion: 75 Resp: 90392
 Ion Ratio Lower Upper
 75 100
 77 28.0 24.9 37.3
 39 53.1 31.0 46.6

Manual Integrations

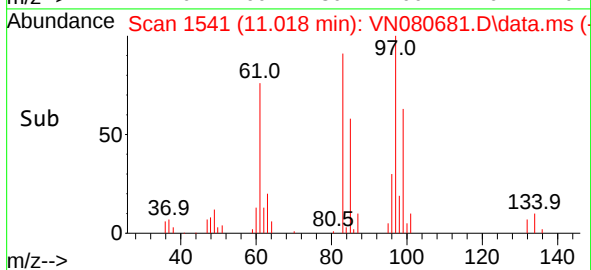
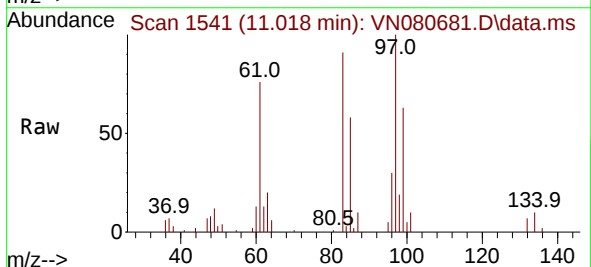
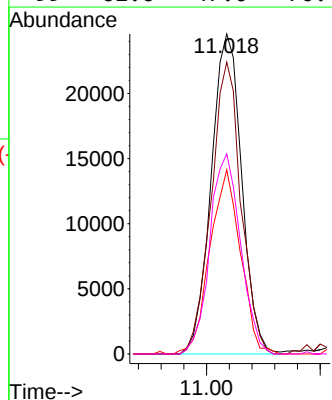
APPROVED

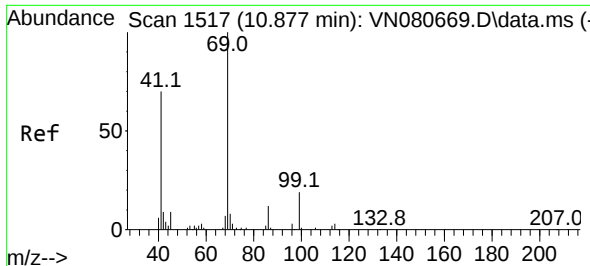
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#50
 1,1,2-Trichloroethane
 Concen: 19.839 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN080681.D
 Acq: 11 Jan 2024 17:14

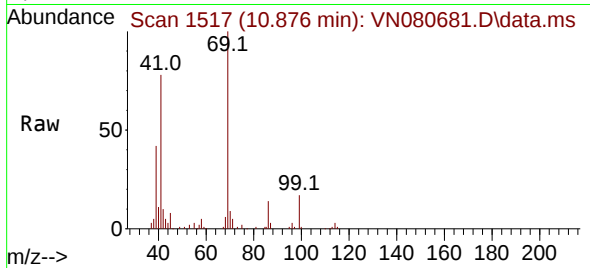
Tgt Ion: 97 Resp: 45900
 Ion Ratio Lower Upper
 97 100
 83 91.2 68.1 102.1
 85 57.6 41.8 62.6
 99 62.6 47.0 70.4





#51
Ethyl methacrylate
Concen: 19.467 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

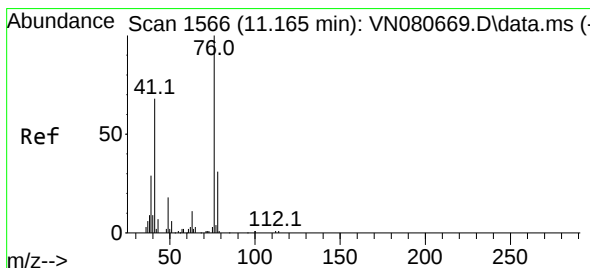
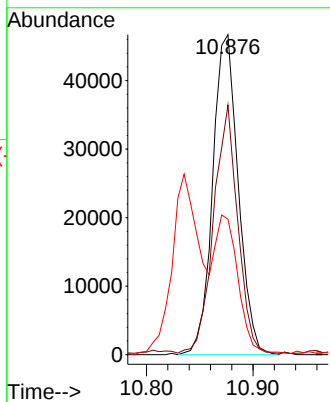
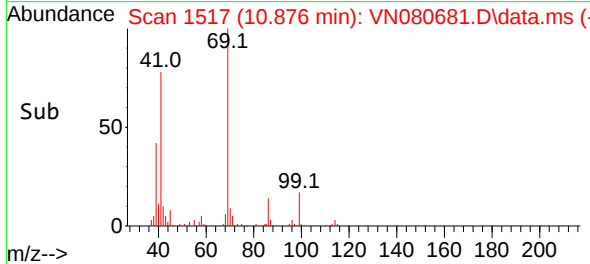
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 7785
Ion Ratio Lower Upper
69 100
41 77.6 25.5 76.5
39 41.5 16.0 47.9

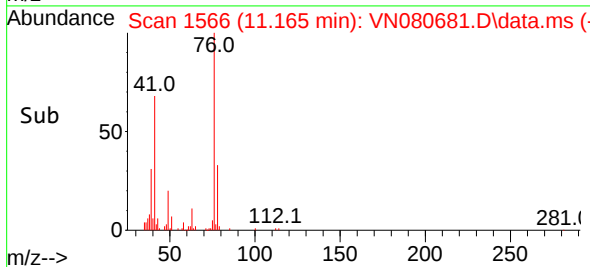
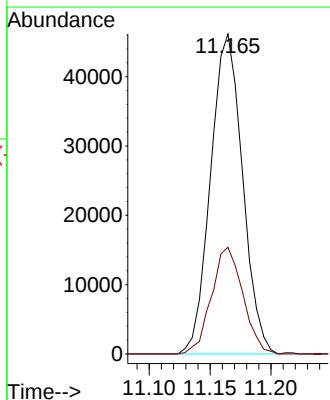
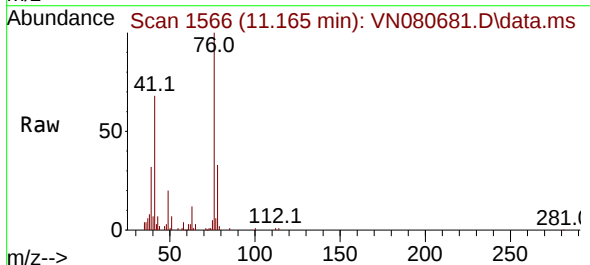
Manual Integrations
APPROVED

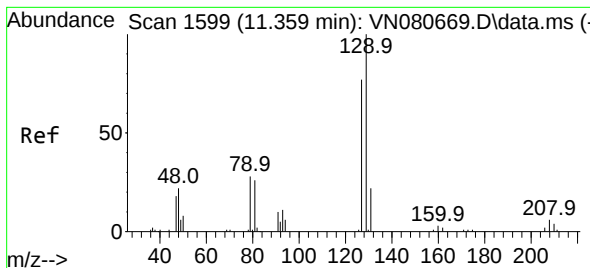
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#52
1,3-Dichloropropane
Concen: 19.341 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

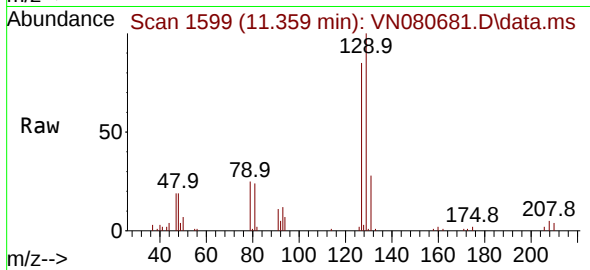
Tgt Ion: 76 Resp: 84240
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.8





#53
Dibromochloromethane
Concen: 19.561 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

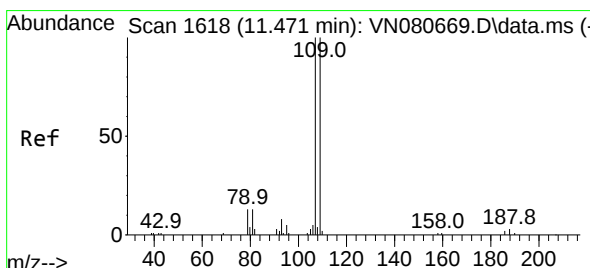
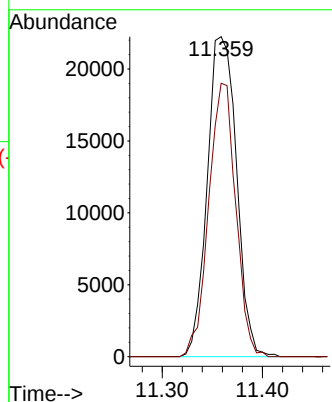
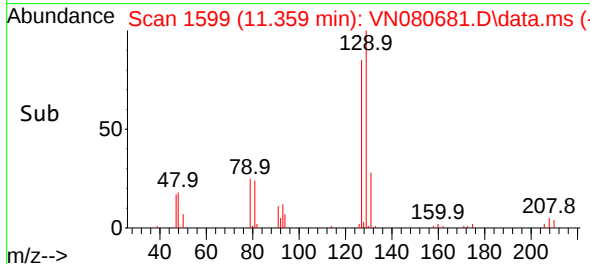
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



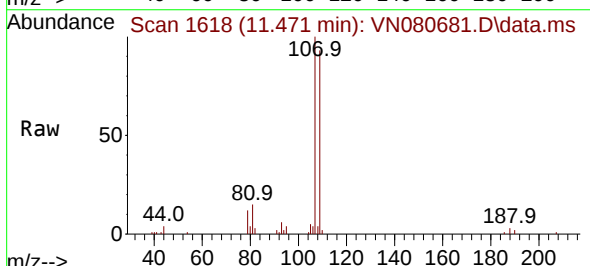
Tgt Ion:129 Resp: 45280
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.1

Manual Integrations
APPROVED

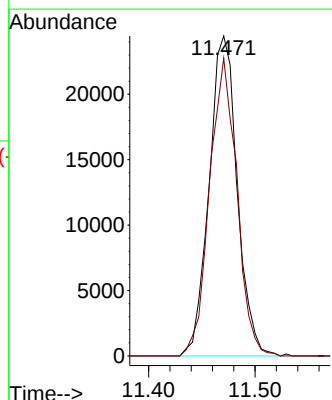
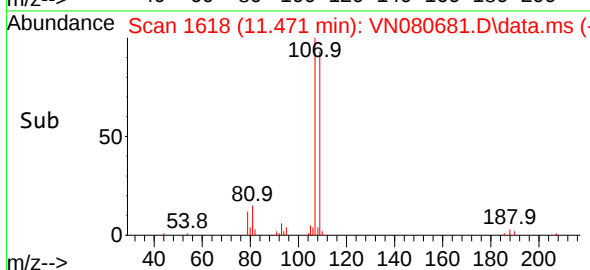
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

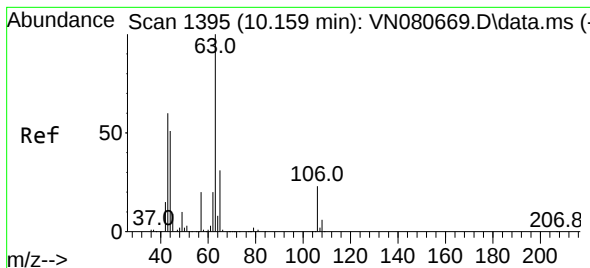


#54
1,2-Dibromoethane
Concen: 19.677 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14



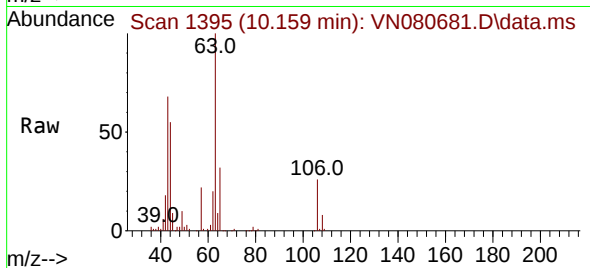
Tgt Ion:107 Resp: 44749
Ion Ratio Lower Upper
107 100
109 90.6 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 104.846 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

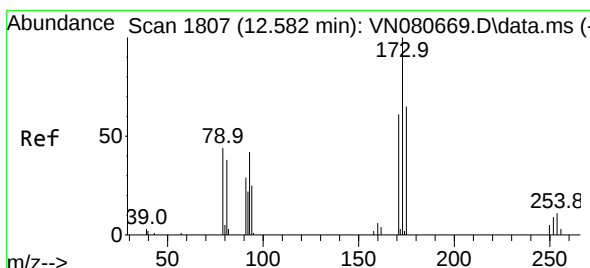
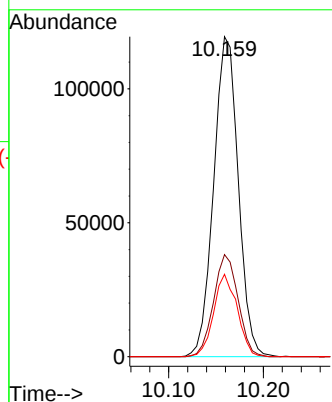
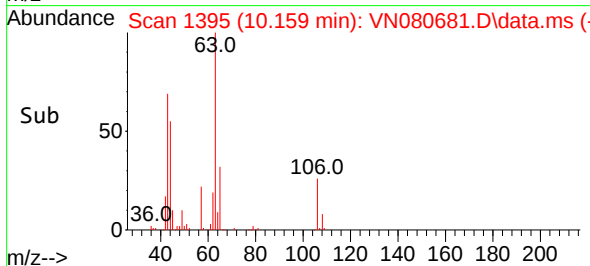
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 215528
Ion Ratio Lower Upper
63 100
65 31.8 26.2 39.2
106 24.7 23.8 35.8

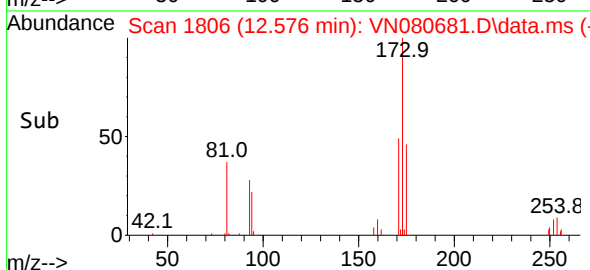
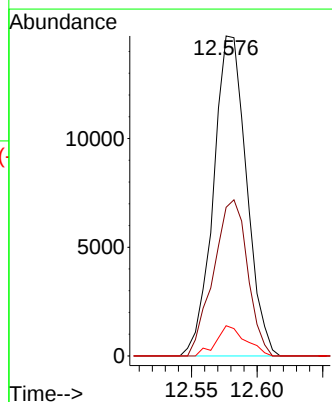
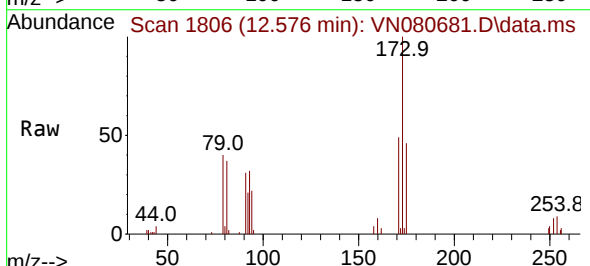
Manual Integrations
APPROVED

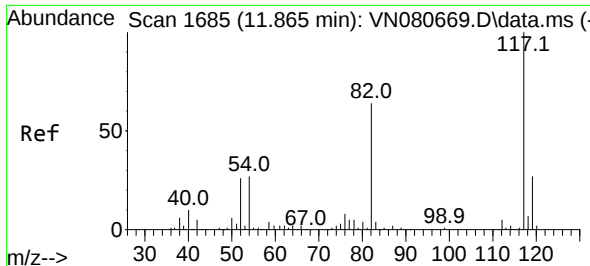
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#56
Bromoform
Concen: 18.852 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion:173 Resp: 25782
Ion Ratio Lower Upper
173 100
175 50.2 40.0 60.0
254 8.4 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: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

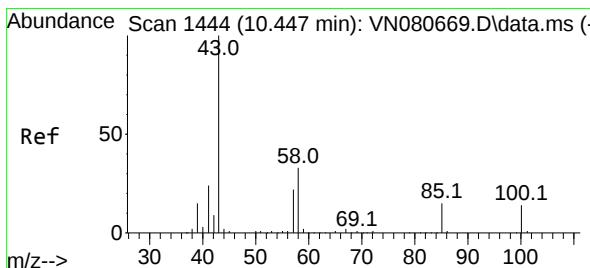
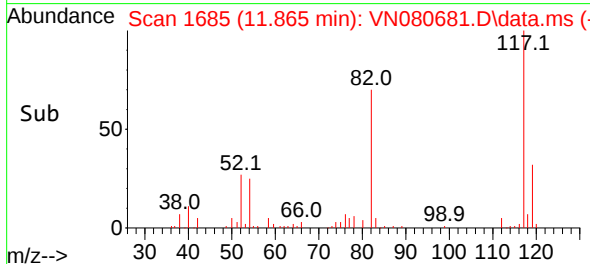
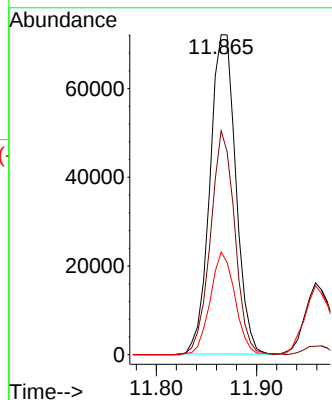
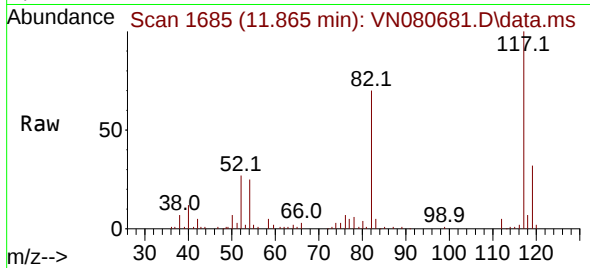
Tgt Ion:117 Resp: 129188
Ion Ratio Lower Upper
117 100
82 65.8 46.6 69.8
119 30.9 25.4 38.2

Manual Integrations

APPROVED

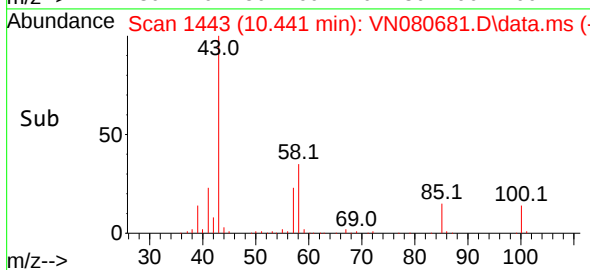
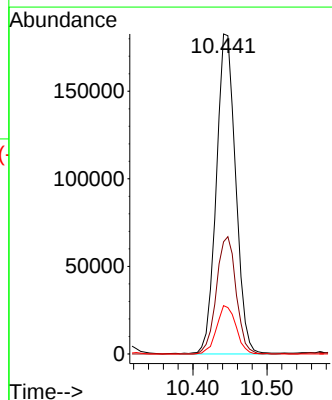
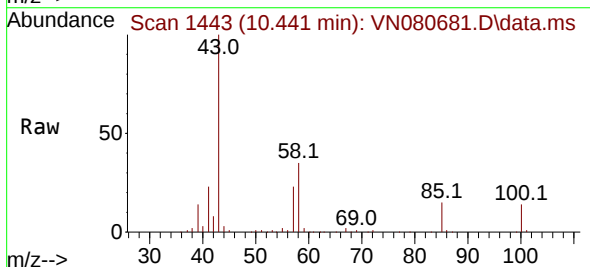
Reviewed By :John Carlone 01/12/2024

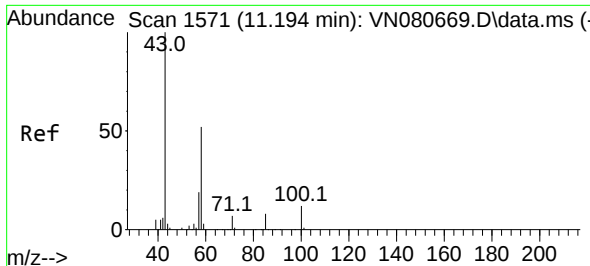
Supervised By :Semsettin Yesilyurt 01/12/2024



#58
4-Methyl-2-Pentanone
Concen: 97.581 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

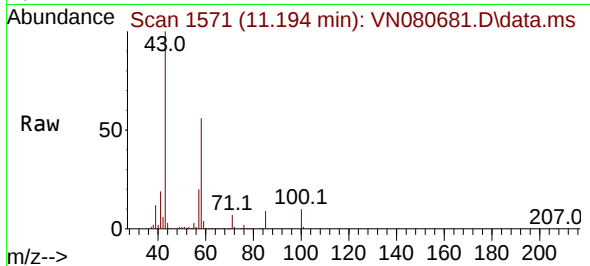
Tgt Ion: 43 Resp: 331621
Ion Ratio Lower Upper
43 100
58 37.3 36.5 54.7
85 15.1 19.5 29.3#





#59
2-Hexanone
Concen: 93.537 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

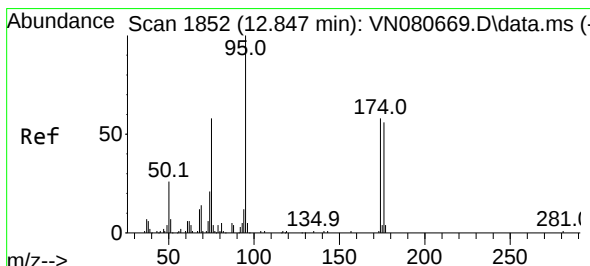
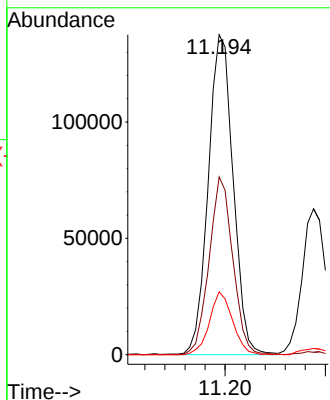
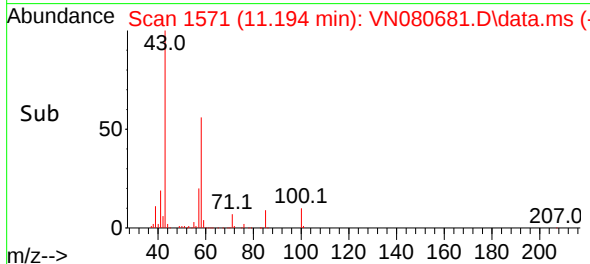
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 237330
Ion Ratio Lower Upper
43 100
58 52.9 50.4 75.6
57 18.3 18.6 27.8

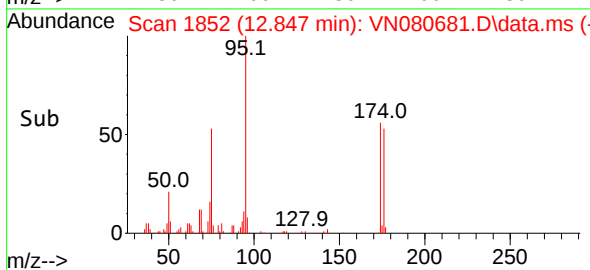
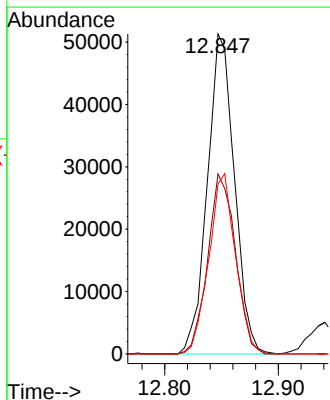
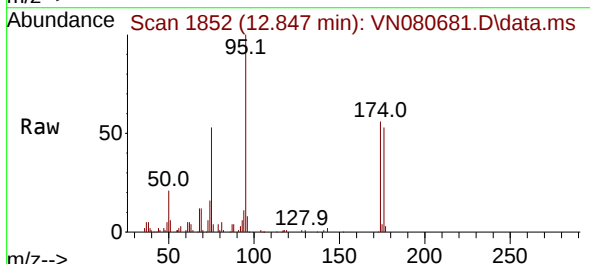
Manual Integrations
APPROVED

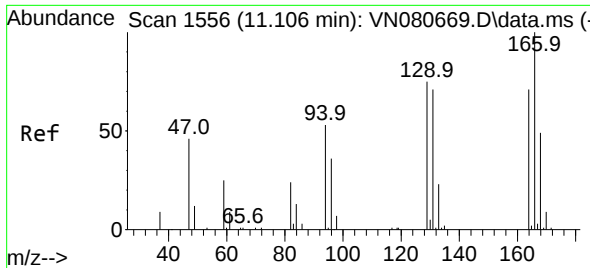
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#60
4-Bromofluorobenzene
Concen: 29.718 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 95 Resp: 84930
Ion Ratio Lower Upper
95 100
174 57.3 60.5 90.7#
176 56.0 57.8 86.6#





#61
Tetrachloroethene
Concen: 19.622 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

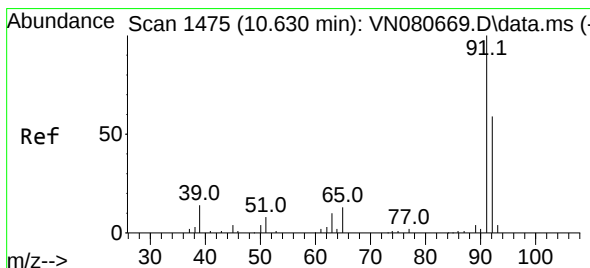
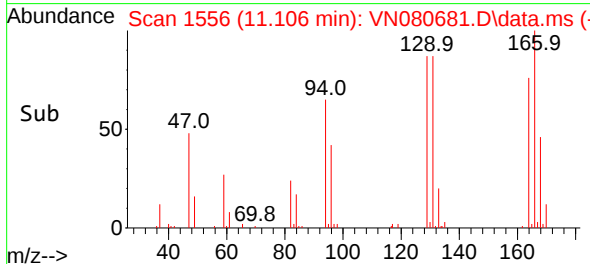
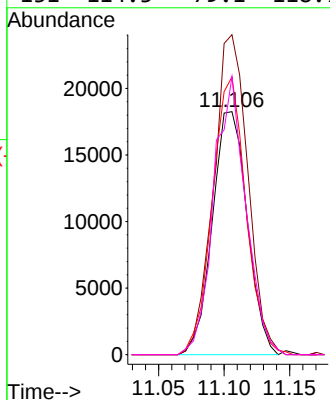
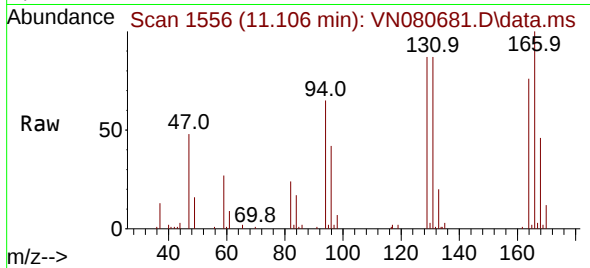
Tgt Ion:164 Resp: 3374
Ion Ratio Lower Upper
164 100
166 131.6 106.7 160.1
129 114.2 85.8 128.6
131 114.3 79.1 118.7

Manual Integrations

APPROVED

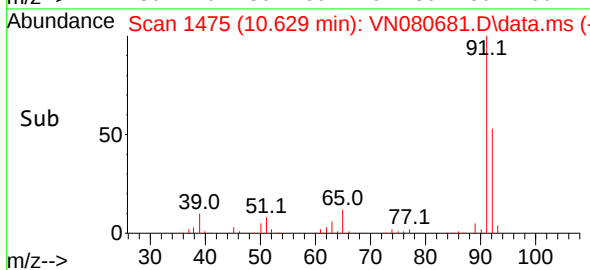
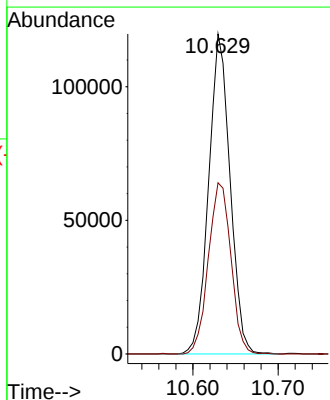
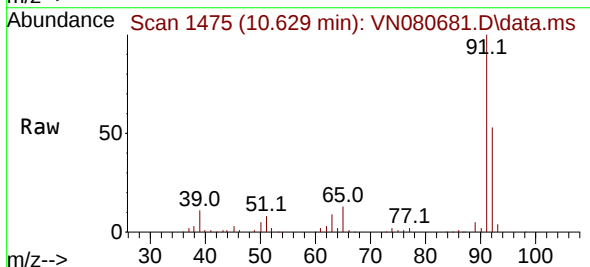
Reviewed By :John Carlone 01/12/2024

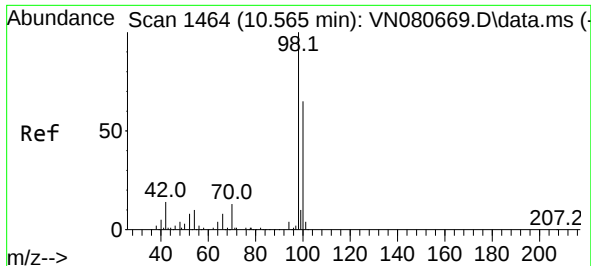
Supervised By :Semsettin Yesilyurt 01/12/2024



#62
Toluene
Concen: 20.135 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

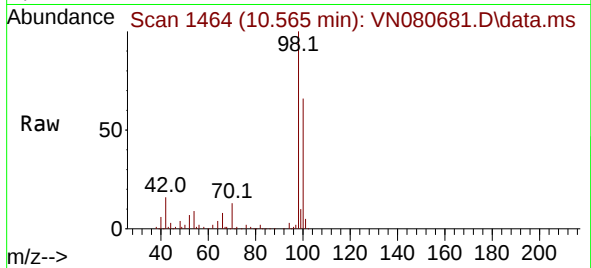
Tgt Ion: 91 Resp: 209215
Ion Ratio Lower Upper
91 100
92 56.3 46.5 69.7





#63
Toluene-d8
Concen: 30.296 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

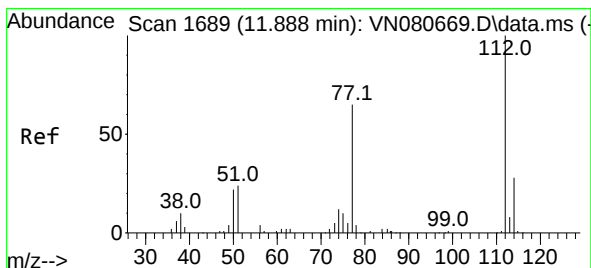
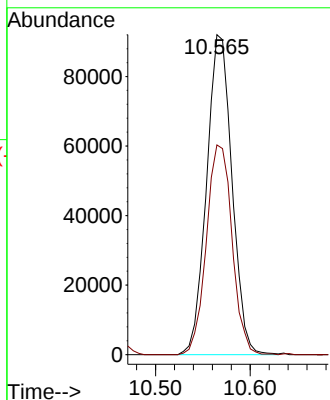
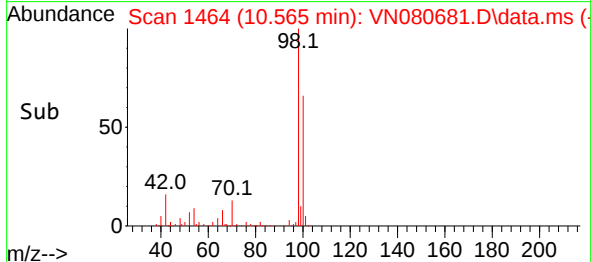
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 171770
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1

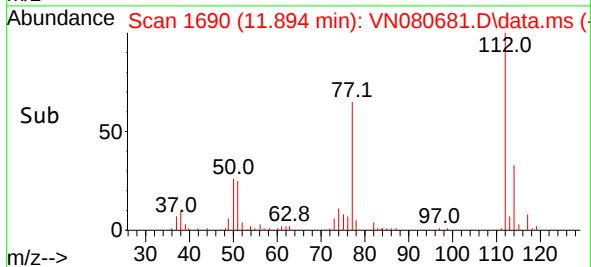
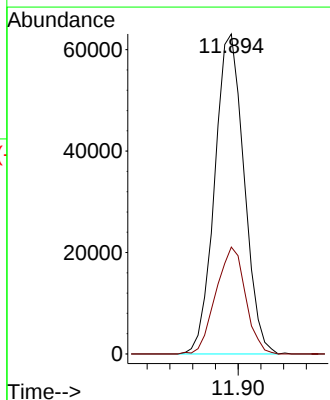
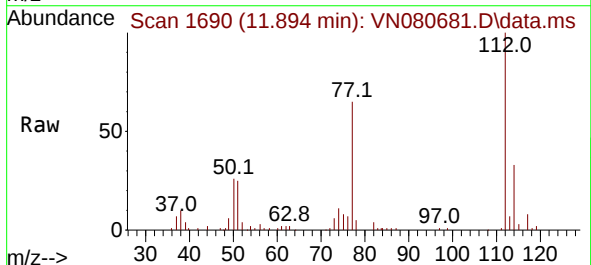
Manual Integrations
APPROVED

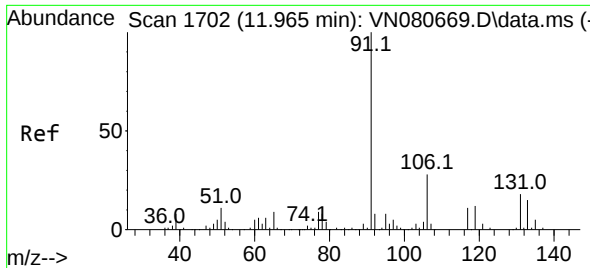
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#64
Chlorobenzene
Concen: 19.570 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

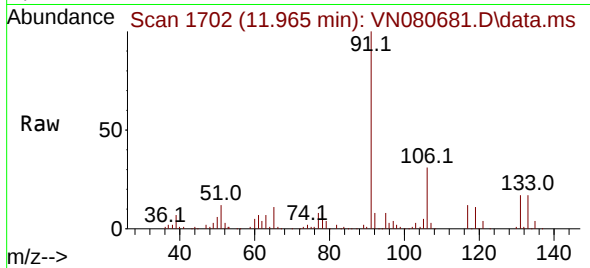
Tgt Ion:112 Resp: 113261
Ion Ratio Lower Upper
112 100
114 33.4 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 19.161 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

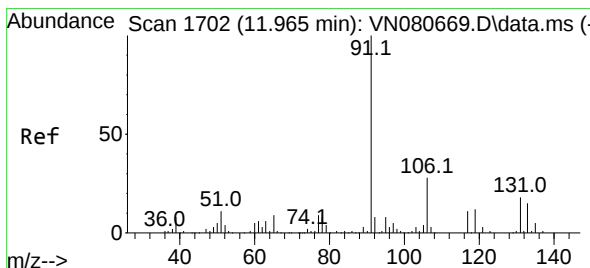
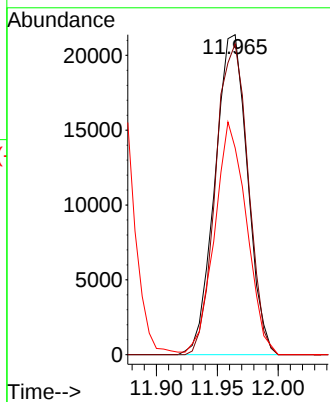
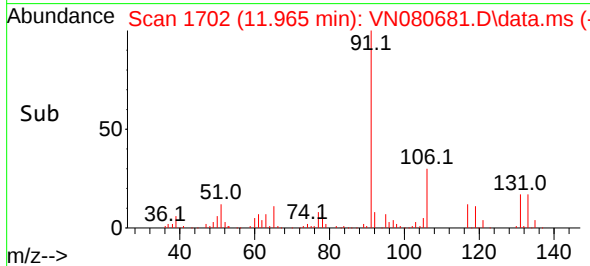
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 39844
Ion Ratio Lower Upper
131 100
133 96.7 0.0 188.0
119 71.1 0.0 122.8

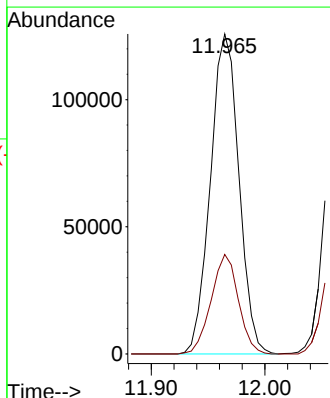
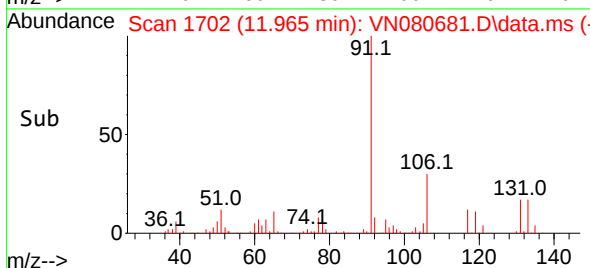
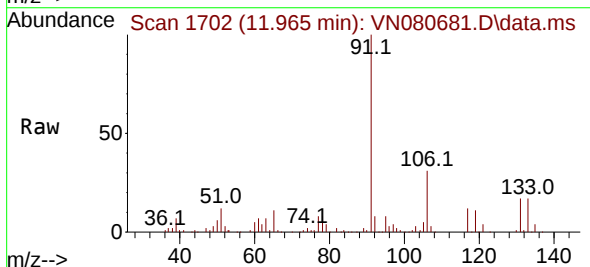
Manual Integrations
APPROVED

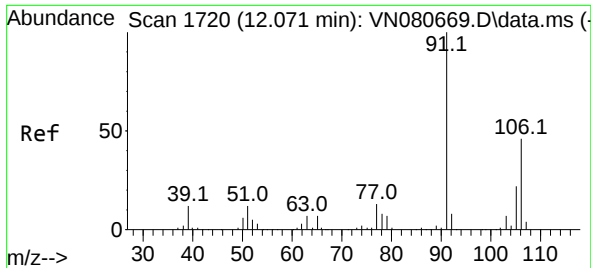
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#66
Ethyl Benzene
Concen: 20.072 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 91 Resp: 219364
Ion Ratio Lower Upper
91 100
106 31.1 24.4 36.6





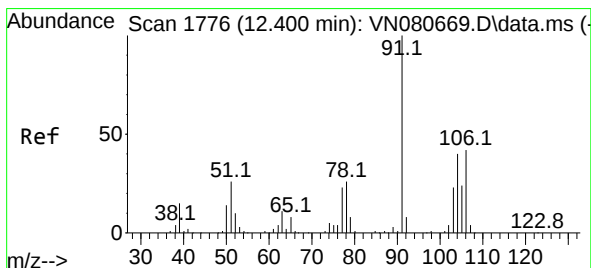
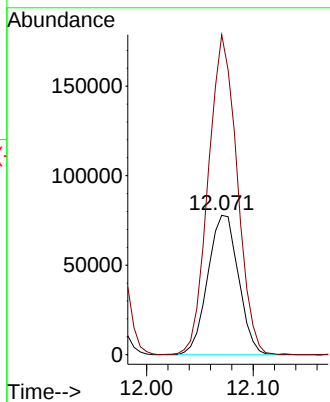
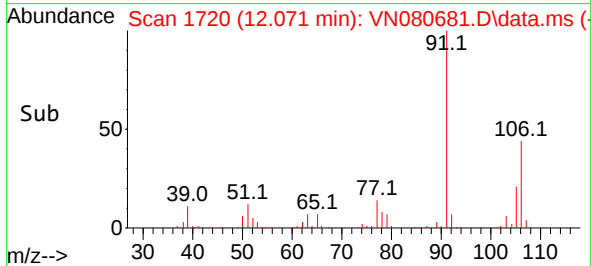
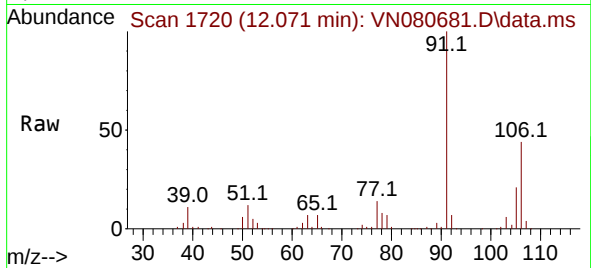
#67
m/p-Xylenes
Concen: 39.651 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 15574
Ion Ratio Lower Upper
106 100
91 215.8 166.6 249.8

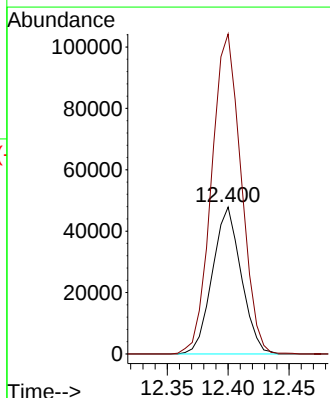
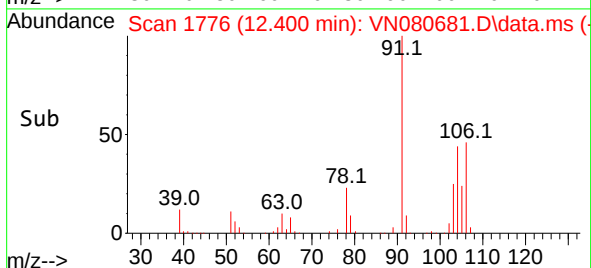
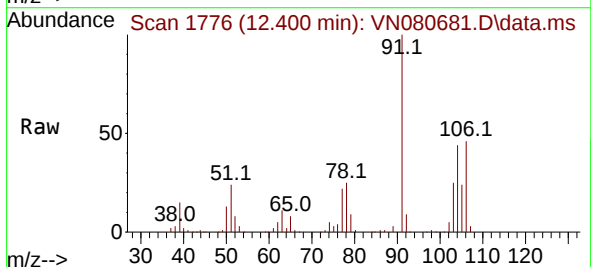
Manual Integrations
APPROVED

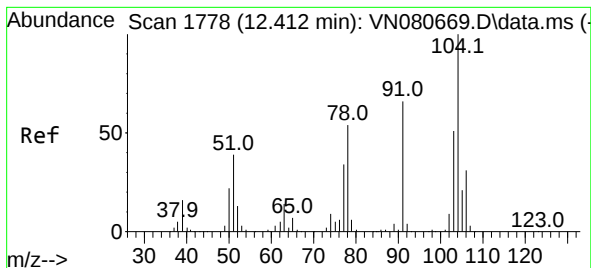
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#68
o-Xylene
Concen: 20.082 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion:106 Resp: 78671
Ion Ratio Lower Upper
106 100
91 223.8 110.0 330.0





#69

Styrene

Concen: 20.167 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080681.D

Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:104 Resp: 13272

Ion Ratio Lower Upper

104 100

78 54.8 42.6 64.0

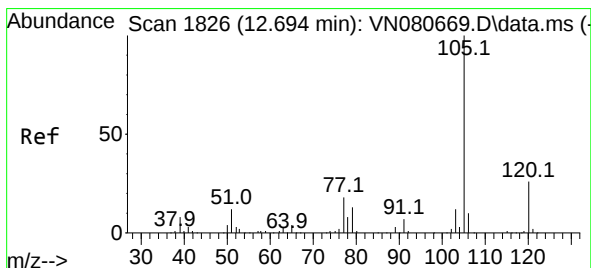
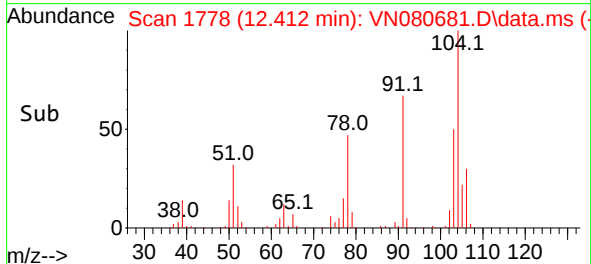
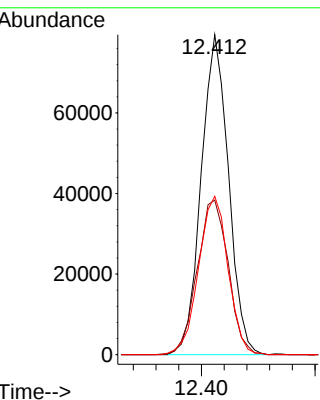
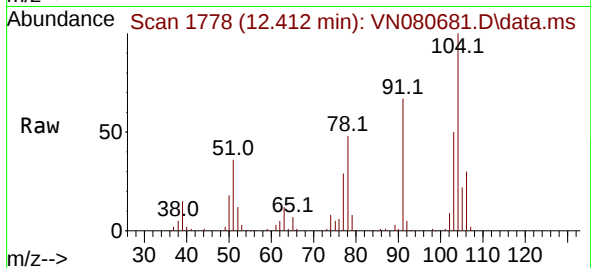
103 53.3 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#70

Isopropylbenzene

Concen: 19.716 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080681.D

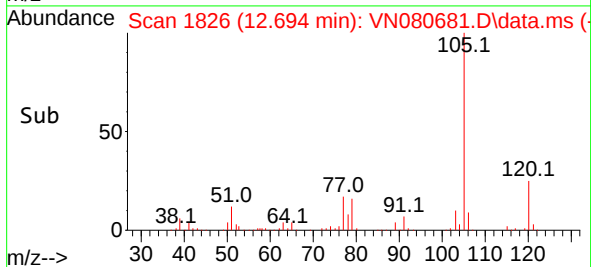
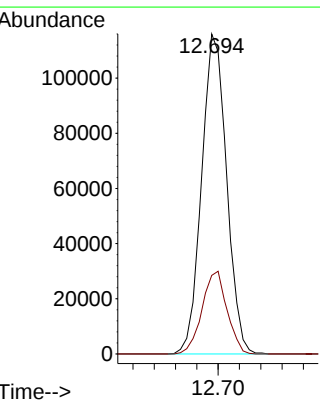
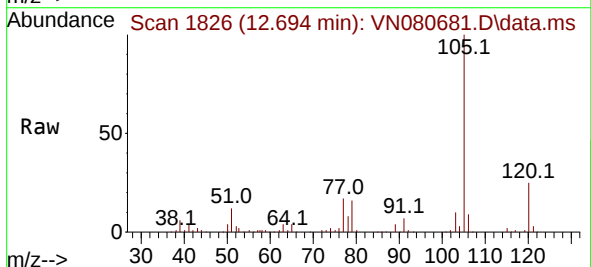
Acq: 11 Jan 2024 17:14

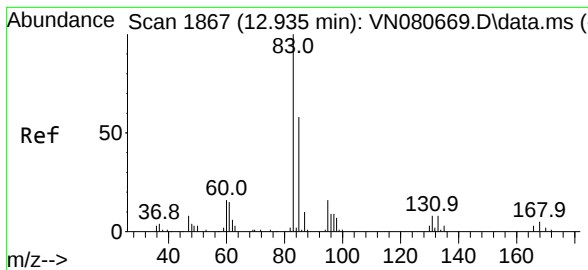
Tgt Ion:105 Resp: 188768

Ion Ratio Lower Upper

105 100

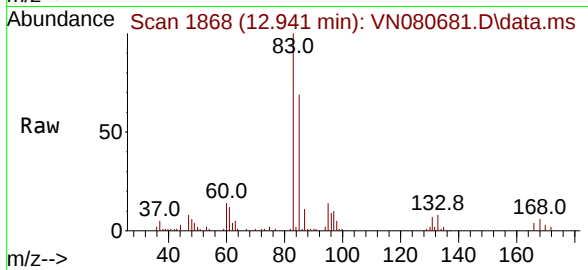
120 25.8 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 18.980 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

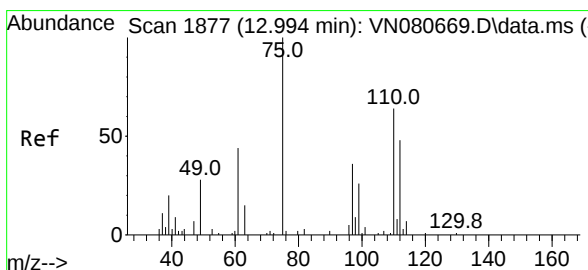
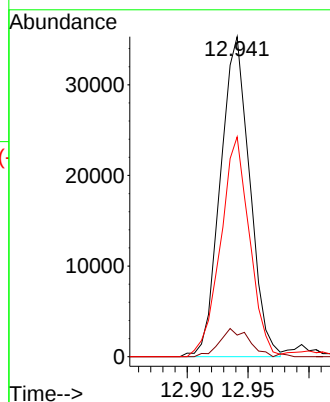
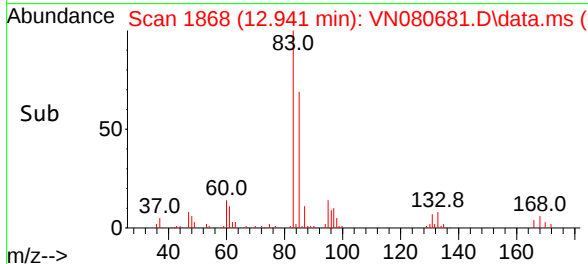
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 5931
Ion Ratio Lower Upper
83 100
131 8.7 5.2 15.6
85 67.7 32.3 96.8

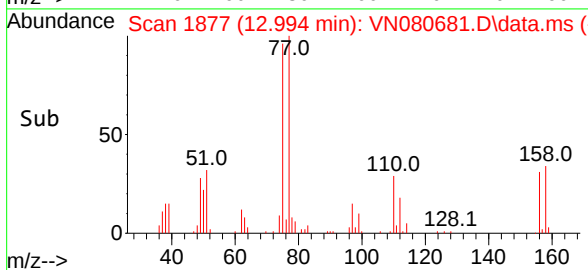
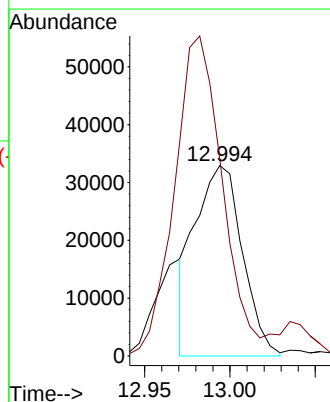
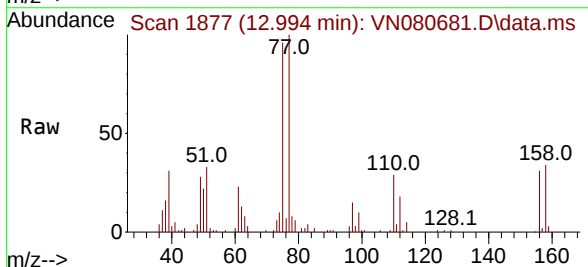
Manual Integrations
APPROVED

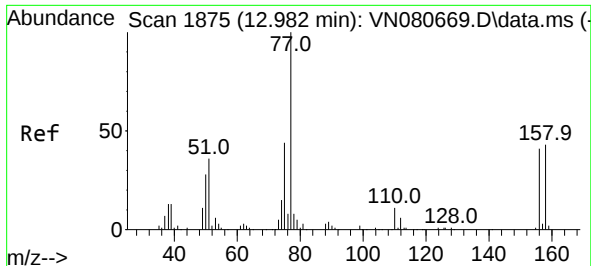
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#72
1,2,3-Trichloropropane
Concen: 21.385 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 75 Resp: 63339
Ion Ratio Lower Upper
75 100
77 169.8 0.0 367.6





#73
Bromobenzene
Concen: 18.702 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

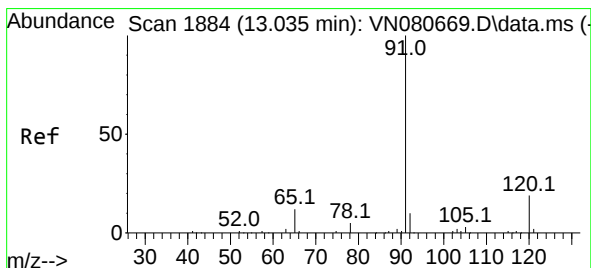
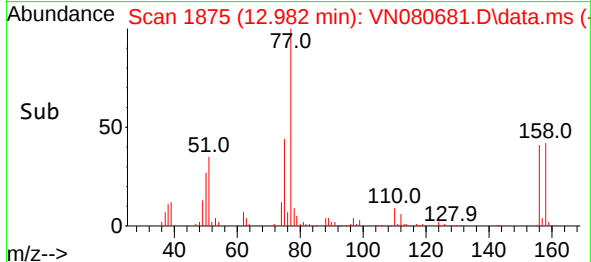
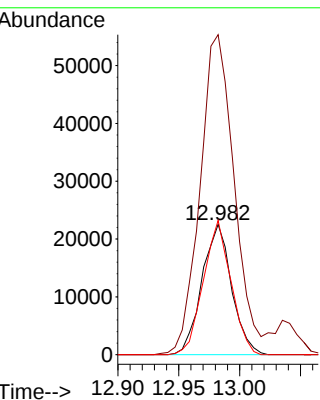
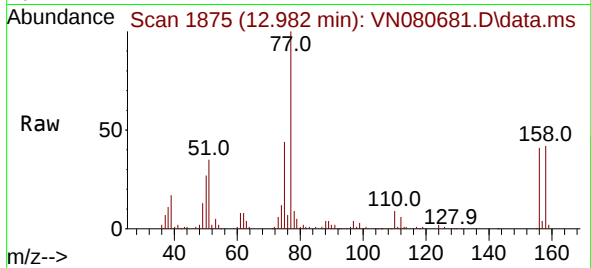
VSTDCCC020EC

Tgt Ion:156 Resp: 38160
Ion Ratio Lower Upper
156 100
77 281.8 0.0 437.6
158 96.0 0.0 203.8

Manual Integrations

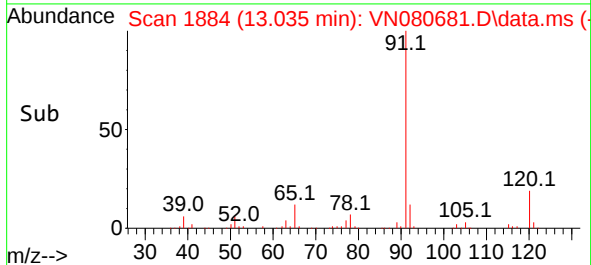
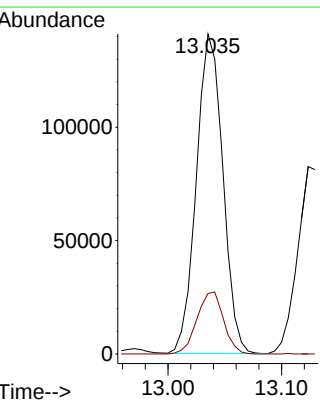
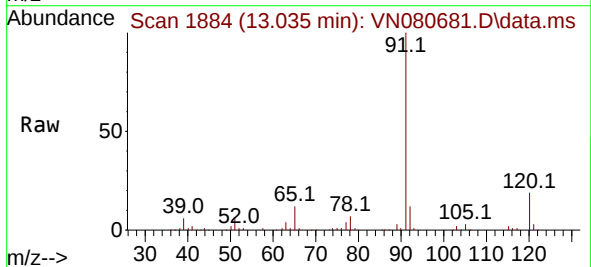
APPROVED

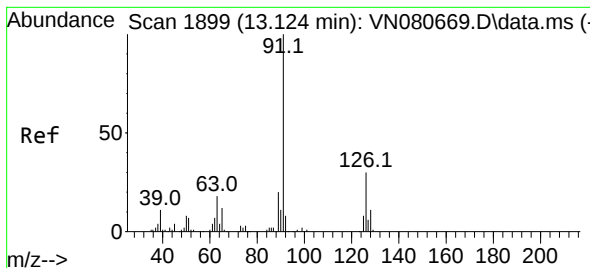
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#74
n-propylbenzene
Concen: 19.784 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 91 Resp: 228444
Ion Ratio Lower Upper
91 100
120 19.4 0.0 43.8





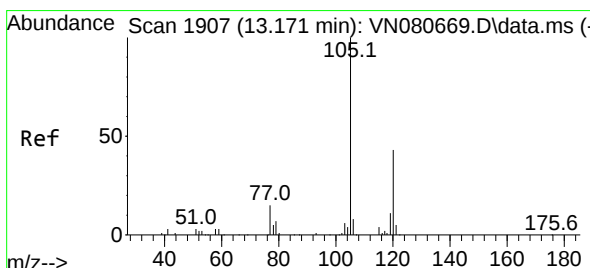
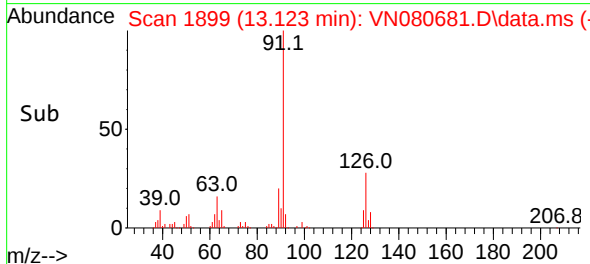
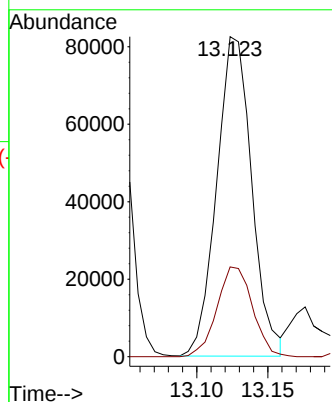
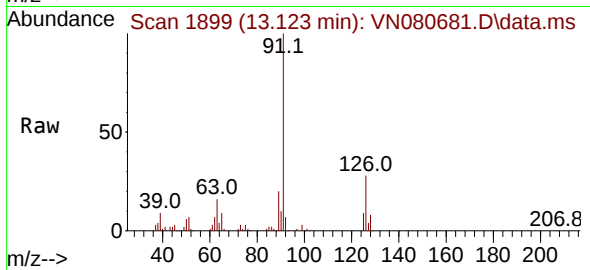
#75
2-Chlorotoluene
Concen: 19.513 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 14169
Ion Ratio Lower Upper
91 100
126 28.5 0.0 61.2

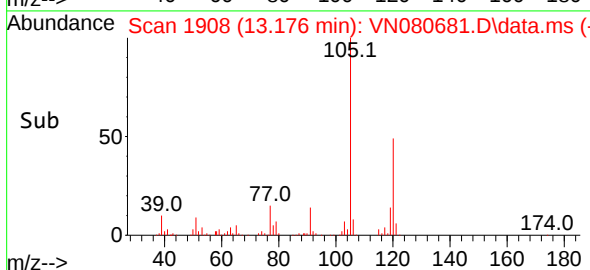
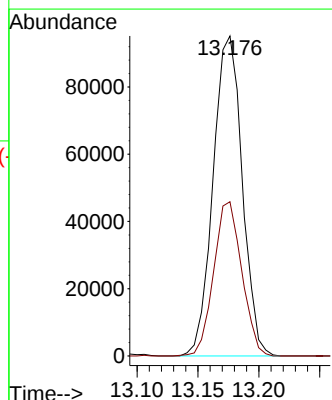
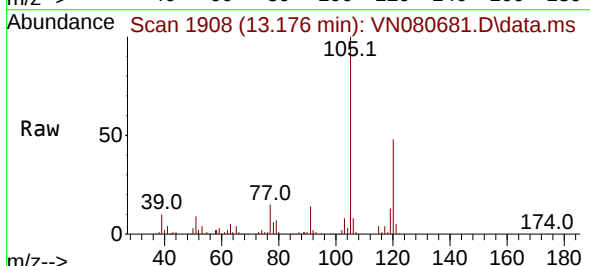
Manual Integrations
APPROVED

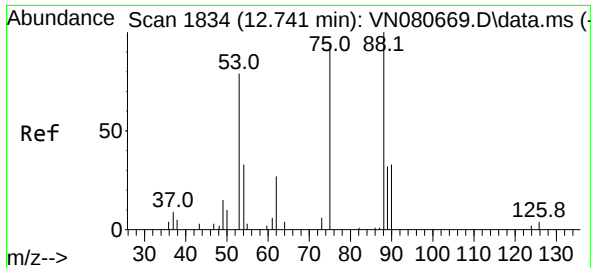
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.873 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.005 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

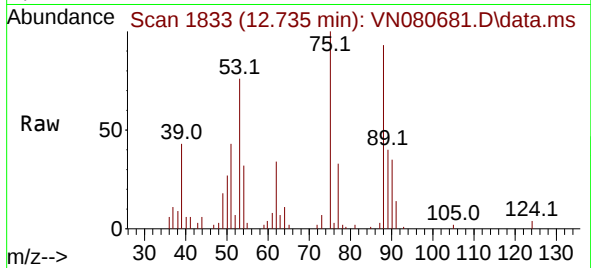
Tgt Ion:105 Resp: 158362
Ion Ratio Lower Upper
105 100
120 46.5 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 20.137 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

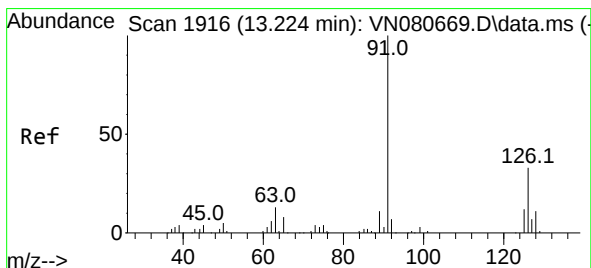
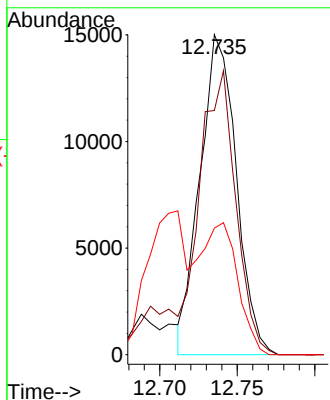
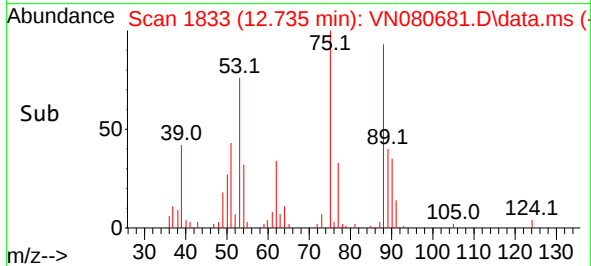
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 24450
Ion Ratio Lower Upper
75 100
53 76.3 45.9 137.7
89 39.5 25.9 77.7

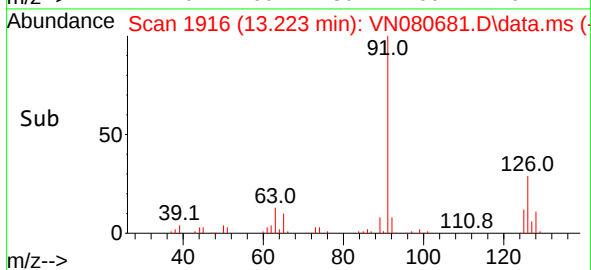
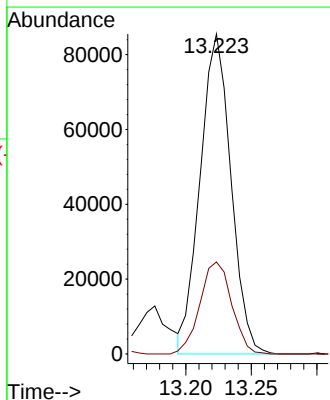
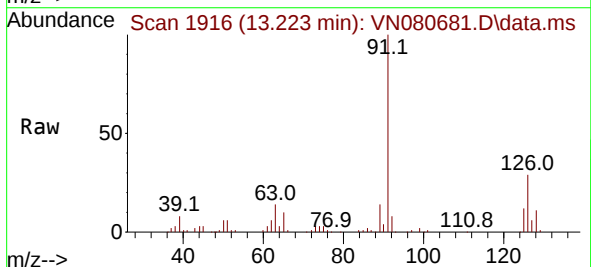
Manual Integrations
APPROVED

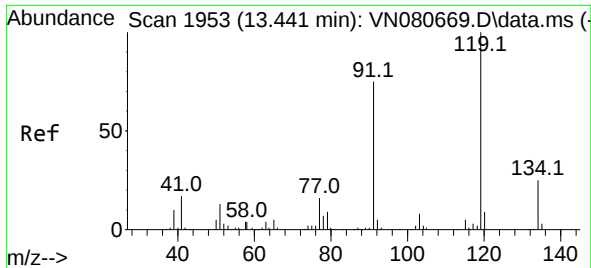
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#78
4-Chlorotoluene
Concen: 19.259 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion: 91 Resp: 139791
Ion Ratio Lower Upper
91 100
126 29.6 0.0 62.8





#79
tert-butylbenzene
Concen: 20.095 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

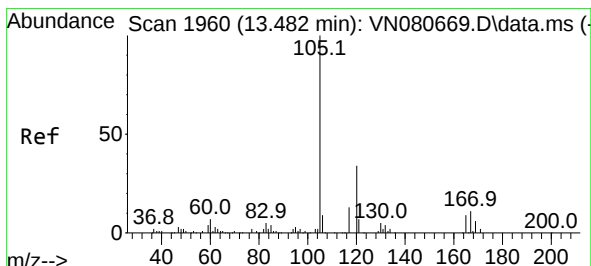
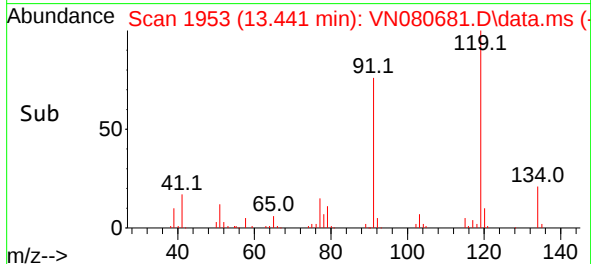
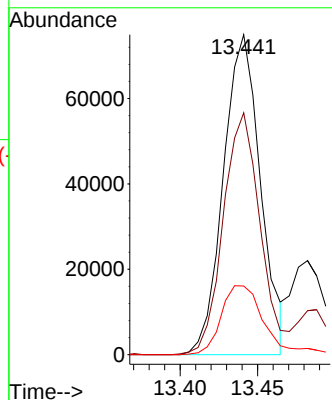
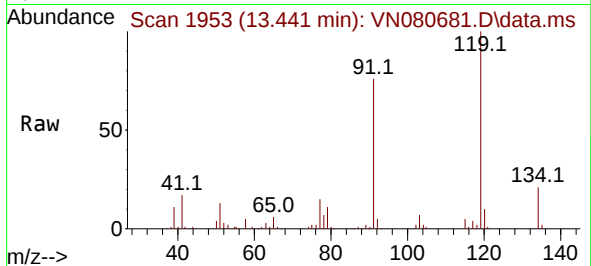
VSTDCCC020EC

Tgt Ion:119 Resp: 124995
Ion Ratio Lower Upper
119 100
91 75.5 0.0 138.8
134 24.0 0.0 48.6

Manual Integrations

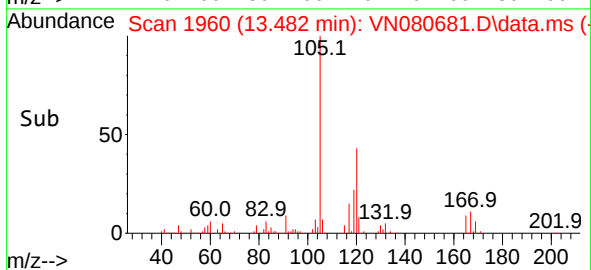
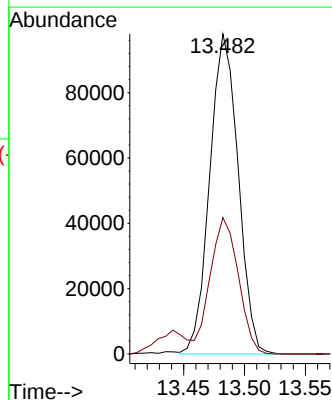
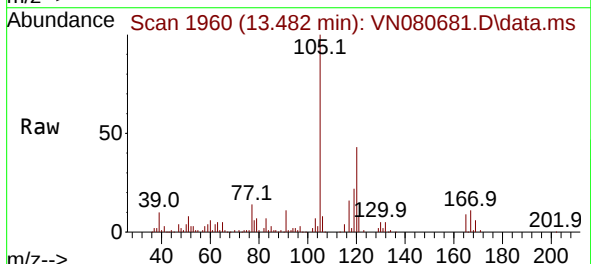
APPROVED

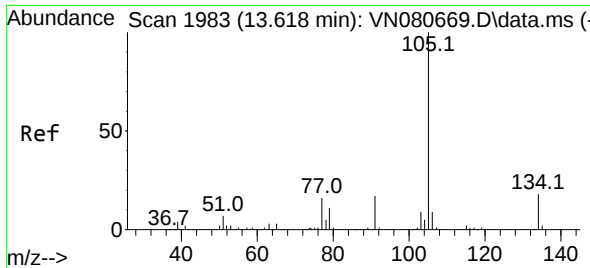
Reviewed By :John Carbone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.405 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion:105 Resp: 159083
Ion Ratio Lower Upper
105 100
120 41.9 0.0 86.8





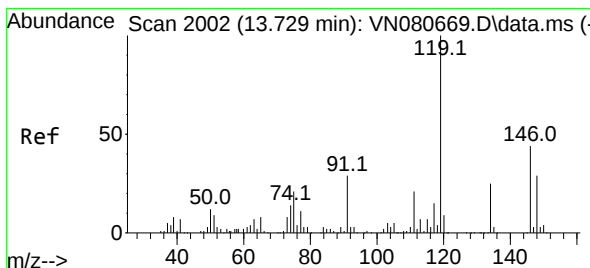
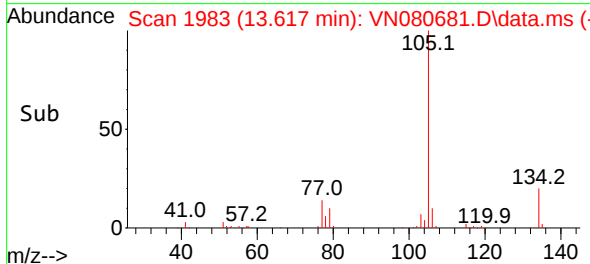
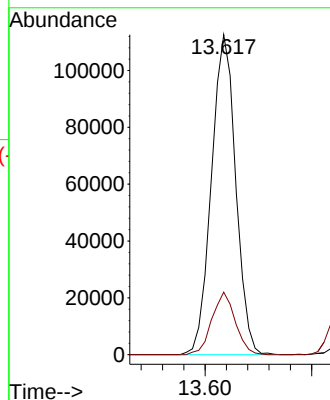
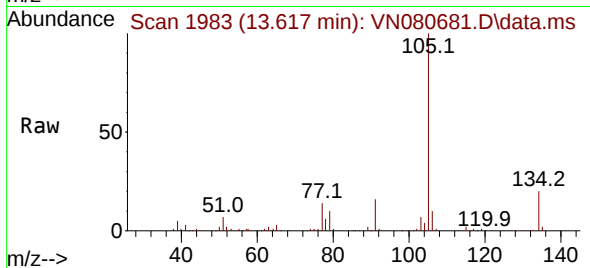
#81
 sec-Butylbenzene
 Concen: 19.450 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.001 min
 Lab File: VN080681.D
 Acq: 11 Jan 2024 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 17809
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 39.0

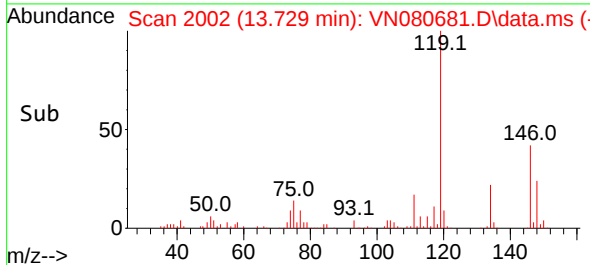
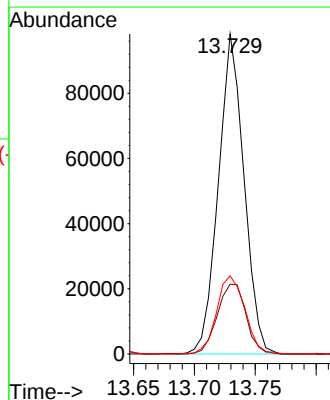
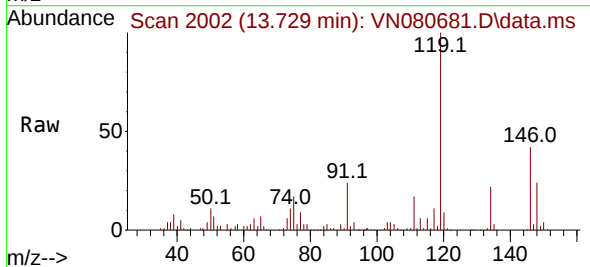
Manual Integrations
 APPROVED

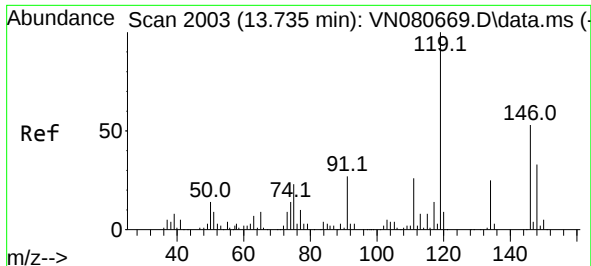
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#82
 p-Isopropyltoluene
 Concen: 20.614 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080681.D
 Acq: 11 Jan 2024 17:14

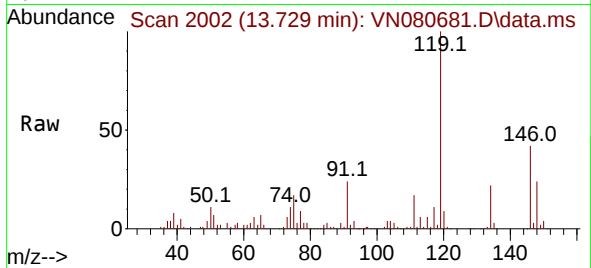
Tgt Ion:119 Resp: 143948
 Ion Ratio Lower Upper
 119 100
 134 24.4 0.0 49.2
 91 26.8 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 19.902 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

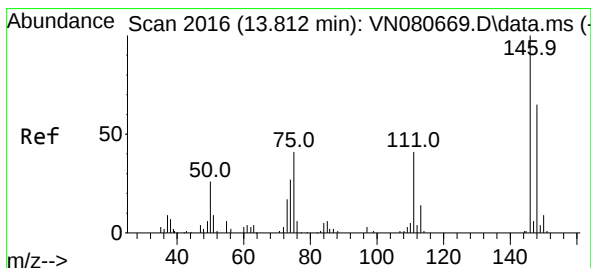
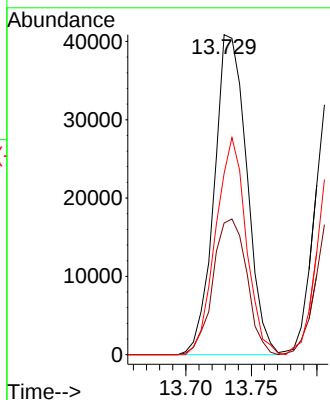
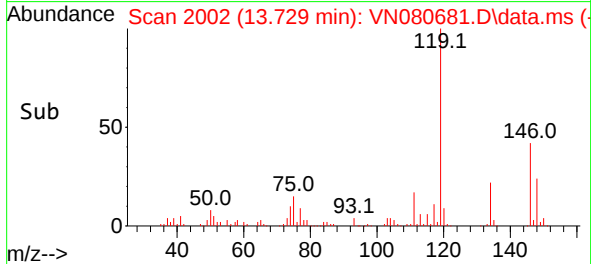
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



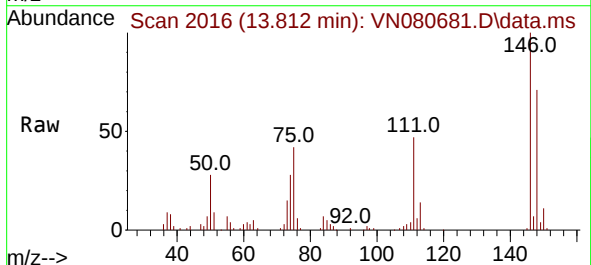
Tgt Ion:146 Resp: 7046
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 63.7 32.1 96.5

Manual Integrations
APPROVED

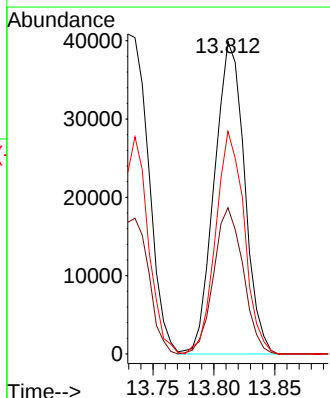
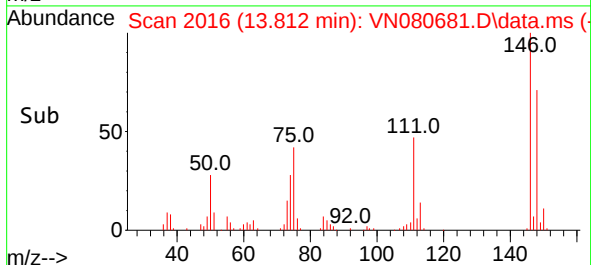
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

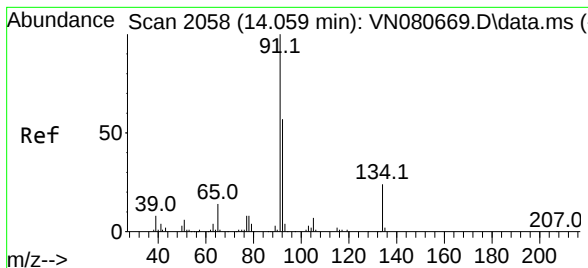


#84
1,4-Dichlorobenzene
Concen: 19.295 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14



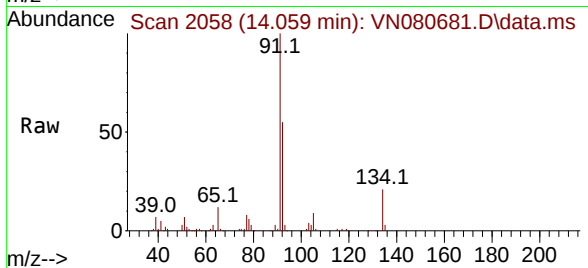
Tgt Ion:146 Resp: 68783
Ion Ratio Lower Upper
146 100
111 45.8 21.3 63.9
148 67.5 31.9 95.5





#85
n-Butylbenzene
Concen: 19.714 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

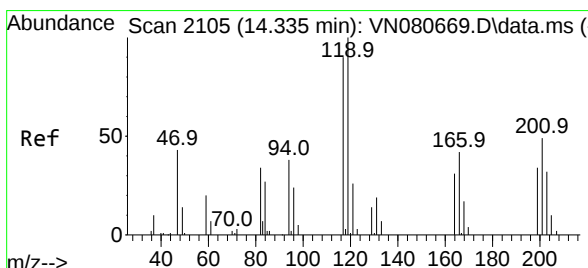
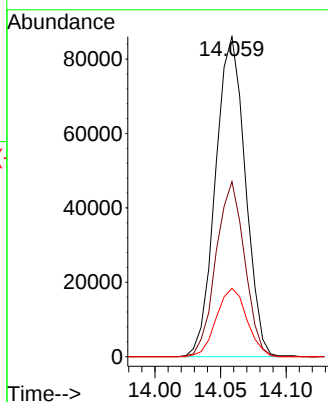
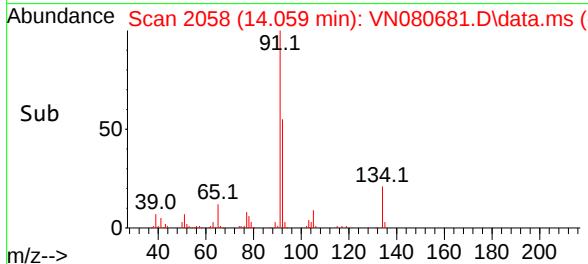
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 136015
Ion Ratio Lower Upper
91 100
92 52.6 0.0 105.0
134 21.8 0.0 51.8

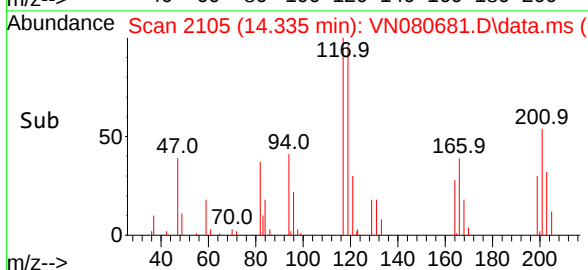
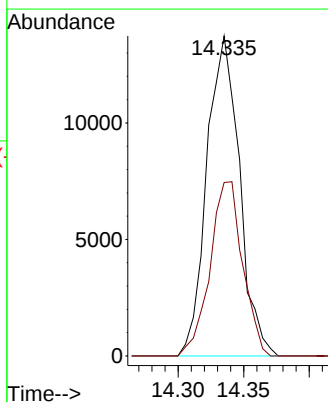
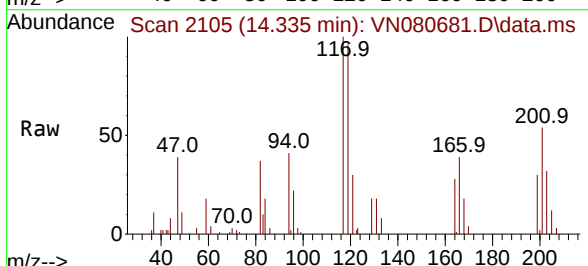
Manual Integrations
APPROVED

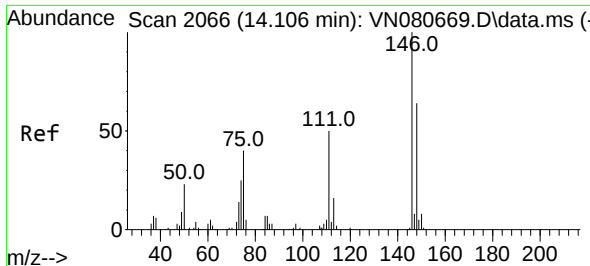
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#86
Hexachloroethane
Concen: 18.080 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion:117 Resp: 23741
Ion Ratio Lower Upper
117 100
201 54.5 38.0 114.0





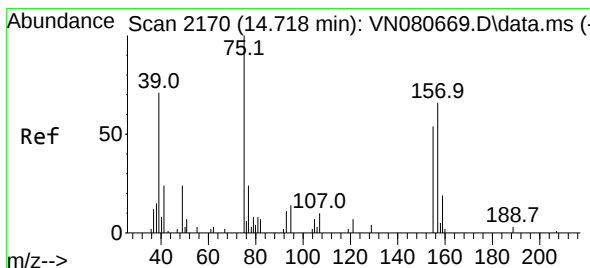
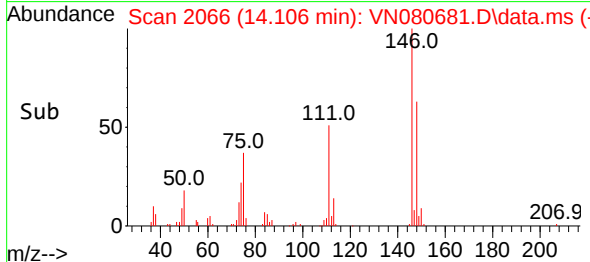
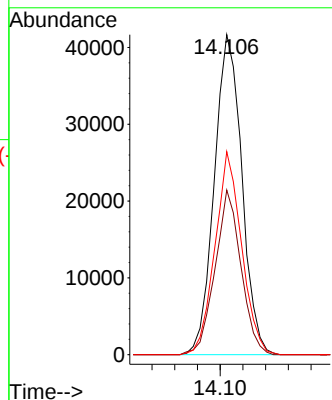
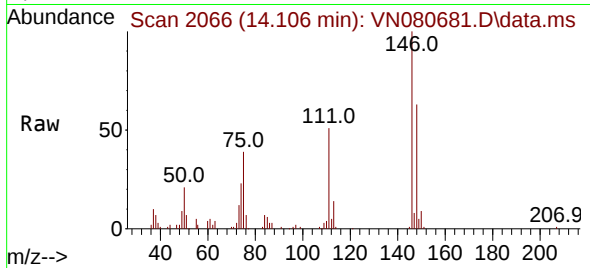
#87
1,2-Dichlorobenzene
Concen: 20.205 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 7017
Ion Ratio Lower Upper
146 100
111 48.5 22.6 67.8
148 61.3 31.3 93.8

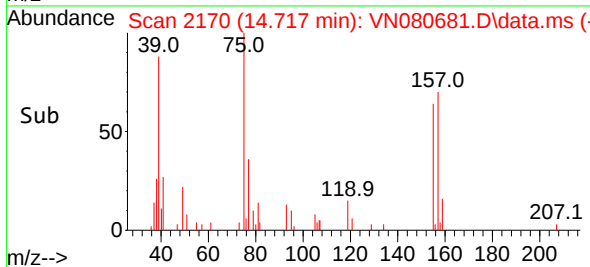
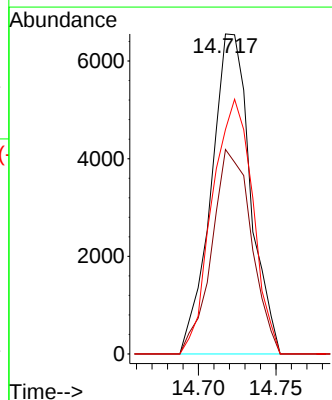
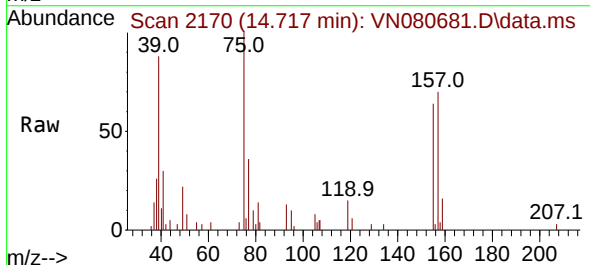
Manual Integrations
APPROVED

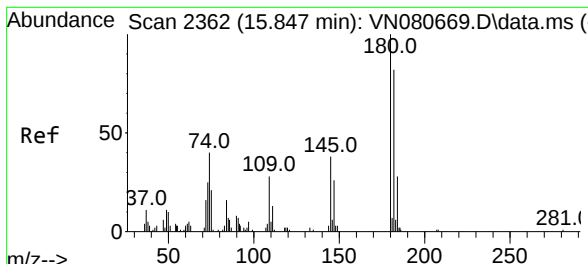
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.721 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.001 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

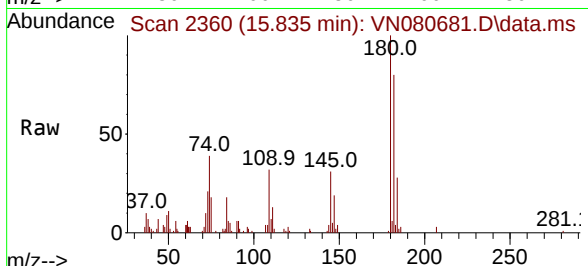
Tgt Ion: 75 Resp: 11530
Ion Ratio Lower Upper
75 100
155 64.4 61.7 92.5
157 82.3 83.6 125.4#





#89
1,2,4-Trichlorobenzene
Concen: 19.476 ug/l
RT: 15.835 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

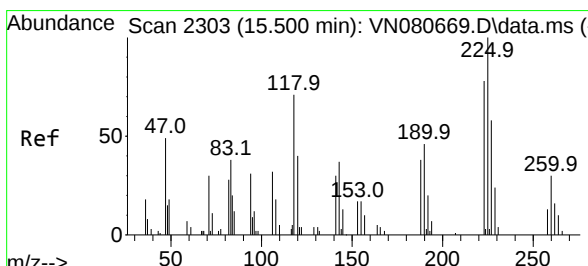
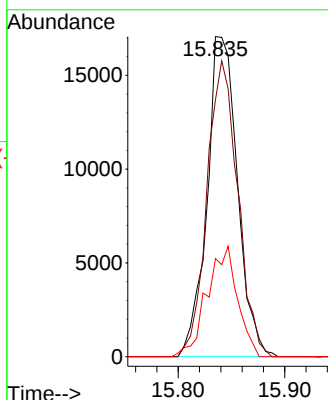
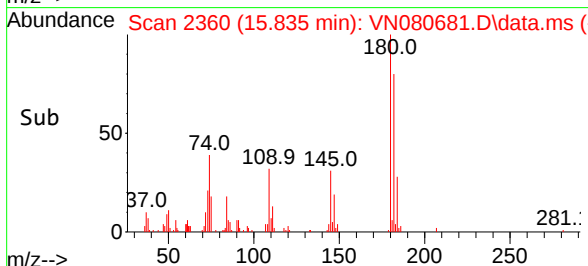
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:180 Resp: 3392
Ion Ratio Lower Upper
180 100
182 93.1 76.4 114.6
145 34.4 28.4 42.6

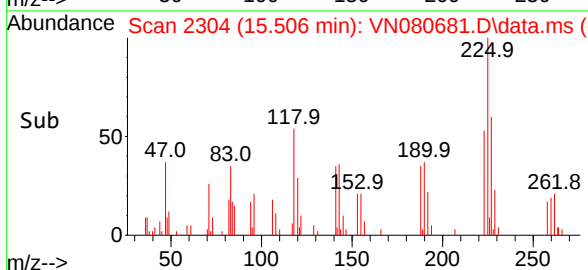
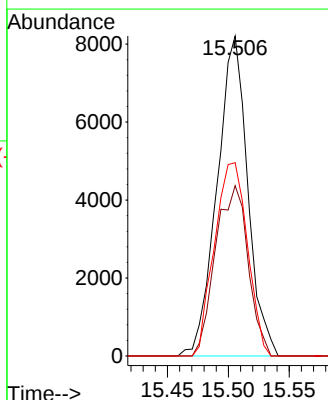
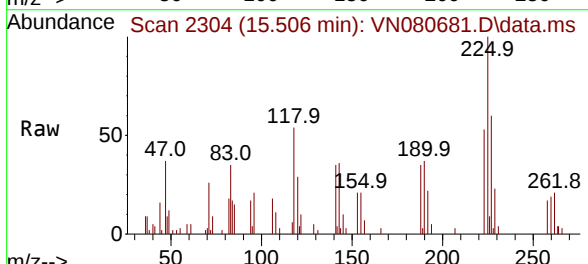
Manual Integrations
APPROVED

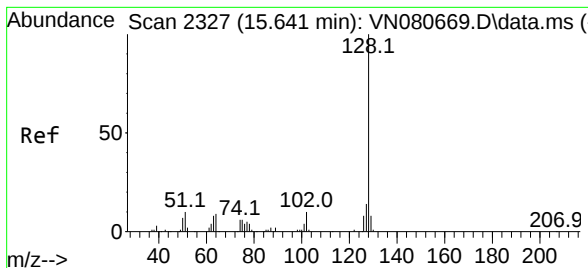
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#90
Hexachlorobutadiene
Concen: 17.991 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

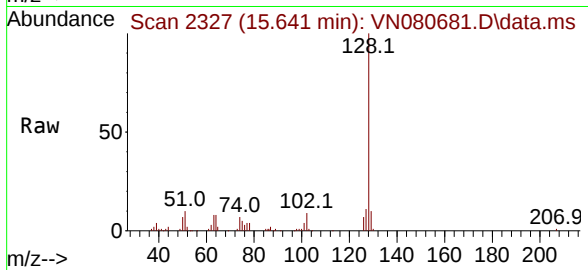
Tgt Ion:225 Resp: 14359
Ion Ratio Lower Upper
225 100
223 56.7 0.0 126.6
227 64.8 0.0 126.6





#91
Naphthalene
Concen: 18.344 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

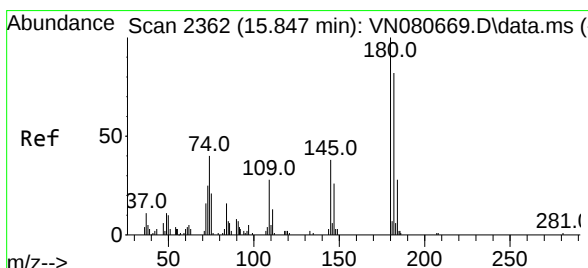
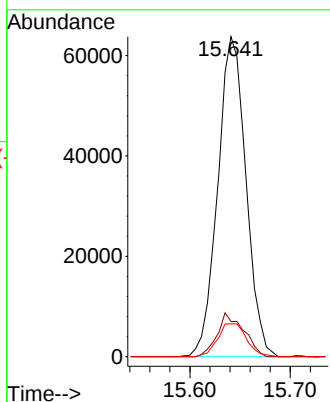
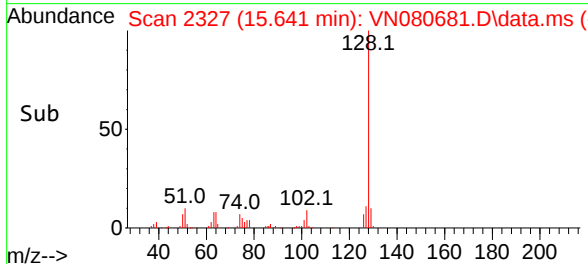
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 12457
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.6 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: 19.476 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.012 min
Lab File: VN080681.D
Acq: 11 Jan 2024 17:14

Tgt Ion:180 Resp: 33927
Ion Ratio Lower Upper
180 100
182 93.1 0.0 191.0
145 34.4 0.0 71.0

