

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080884.D
 Acq On : 02 Feb 2024 19:27
 Operator : JC\MD
 Sample : VN0202MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/05/2024
 Supervised By : Semsettin Yesilyurt 02/05/2024

Quant Time: Feb 02 23:56:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	94467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	195254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	172184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	87479	53.528	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.060%			
35) Dibromofluoromethane	8.165	113	61651	51.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.220%			
50) Toluene-d8	10.571	98	240701	51.482	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.853	95	90283	55.413	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	29503	21.027	ug/l	99
3) Chloromethane	2.360	50	42880	20.330	ug/l #	88
4) Vinyl Chloride	2.512	62	32184	20.071	ug/l #	87
5) Bromomethane	2.959	94	14170	22.093	ug/l	96
6) Chloroethane	3.118	64	21280	24.892	ug/l #	88
7) Trichlorofluoromethane	3.495	101	44784	21.580	ug/l	90
8) Diethyl Ether	3.959	74	21124	22.065	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	26006	21.490	ug/l	96
10) Methyl Iodide	4.589	142	21304	20.854	ug/l #	85
11) Tert butyl alcohol	5.530	59	32111	120.536	ug/l #	90
12) 1,1-Dichloroethene	4.342	96	26892	20.281	ug/l	95
13) Acrolein	4.183	56	40784	121.401	ug/l	99
14) Allyl chloride	5.024	41	61504	23.466	ug/l	92
15) Acrylonitrile	5.718	53	97104	121.198	ug/l	99
16) Acetone	4.430	43	76029	128.276	ug/l	91
17) Carbon Disulfide	4.706	76	72846	17.646	ug/l	99
18) Methyl Acetate	5.024	43	54335	26.304	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	99613	21.320	ug/l	96
20) Methylene Chloride	5.277	84	34393	22.106	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	28072	19.486	ug/l #	81
22) Diisopropyl ether	6.671	45	126254	21.832	ug/l	98
23) Vinyl Acetate	6.600	43	490492	117.222	ug/l	98
24) 1,1-Dichloroethane	6.559	63	64242	21.904	ug/l	99
25) 2-Butanone	7.483	43	133664	118.730	ug/l	95
26) 2,2-Dichloropropane	7.494	77	45695	19.277	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	35491	21.283	ug/l	99
28) Bromochloromethane	7.818	49	32197	20.735	ug/l	98
29) Tetrahydrofuran	7.836	42	89604	117.626	ug/l	99
30) Chloroform	7.971	83	57838	21.227	ug/l	100
31) Cyclohexane	8.253	56	58019	20.703	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	47402	21.453	ug/l	100
36) 1,1-Dichloropropene	8.377	75	44641	20.106	ug/l	97
37) Ethyl Acetate	7.559	43	54775	23.965	ug/l	97
38) Carbon Tetrachloride	8.359	117	36788	20.564	ug/l	96
39) Methylcyclohexane	9.600	83	42786	19.387	ug/l	96
40) Benzene	8.606	78	140104	21.470	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30803	22.866	ug/l	93
42) 1,2-Dichloroethane	8.671	62	50481	23.745	ug/l	98
43) Isopropyl Acetate	8.688	43	91133	21.900	ug/l	99
44) Trichloroethene	9.359	130	28535	19.853	ug/l	92
45) 1,2-Dichloropropane	9.630	63	38540	21.823	ug/l	96
46) Dibromomethane	9.712	93	21506	20.543	ug/l	97
47) Bromodichloromethane	9.894	83	45357	21.340	ug/l	99
48) Methyl methacrylate	9.683	41	41359	20.501	ug/l	96
49) 1,4-Dioxane	9.694	88	11420	469.946	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	278229	119.602	ug/l	97
52) Toluene	10.630	92	78342	20.938	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	49264	19.896	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	54899	20.389	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	32639	22.698	ug/l	91
56) Ethyl methacrylate	10.877	69	53689	24.288	ug/l	97
57) 1,3-Dichloropropane	11.165	76	61529	22.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	131544	102.080	ug/l	100
59) 2-Hexanone	11.194	43	204473	113.156	ug/l	98
60) Dibromochloromethane	11.359	129	28956	21.649	ug/l	100
61) 1,2-Dibromoethane	11.477	107	30779	22.839	ug/l	98
64) Tetrachloroethene	11.106	164	23207	20.506	ug/l	91
65) Chlorobenzene	11.894	112	80060	21.304	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	26319	21.537	ug/l	96
67) Ethyl Benzene	11.965	91	146258	20.940	ug/l	94
68) m/p-Xylenes	12.071	106	104765	42.236	ug/l	98
69) o-Xylene	12.400	106	50506	20.492	ug/l	96
70) Styrene	12.418	104	84589	21.370	ug/l	100
71) Bromoform	12.582	173	16896	20.449	ug/l #	95
73) Isopropylbenzene	12.700	105	130518	20.782	ug/l	99
74) N-amyl acetate	12.494	43	77938	19.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	48424	21.919	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	45744m	22.116	ug/l	
77) Bromobenzene	12.982	156	28135	20.957	ug/l	93
78) n-propylbenzene	13.035	91	168049	22.398	ug/l	97
79) 2-Chlorotoluene	13.129	91	100749	21.127	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	103835	20.760	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	15972	19.893	ug/l #	85
82) 4-Chlorotoluene	13.224	91	90125	19.087	ug/l	97
83) tert-Butylbenzene	13.441	119	80377	20.123	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	100872	19.905	ug/l	99
85) sec-Butylbenzene	13.618	105	119849	20.353	ug/l	99
86) p-Isopropyltoluene	13.735	119	90643	19.808	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	49655	20.678	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	45191	18.771	ug/l	94
89) n-Butylbenzene	14.059	91	85901	19.182	ug/l	96
90) Hexachloroethane	14.335	117	15469	19.319	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	47525	21.623	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	8638	20.919	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	21243	18.779	ug/l	95
94) Hexachlorobutadiene	15.500	225	9350	18.919	ug/l	94
95) Naphthalene	15.641	128	85063	19.651	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	20981	18.869	ug/l	89

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01

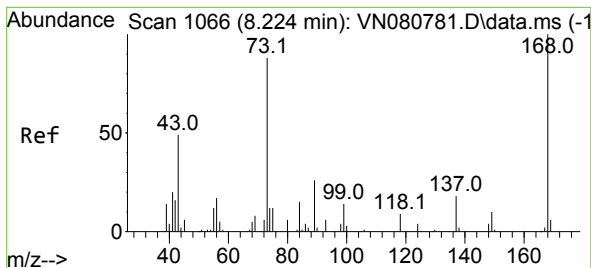
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 02/05/2024

Quant Time: Feb 02 23:56:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01

Tgt Ion:168 Resp: 9446

Ion Ratio Lower Upper

168 100

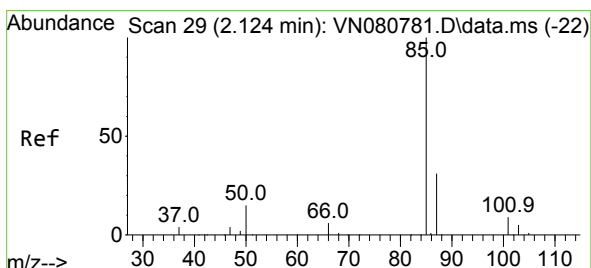
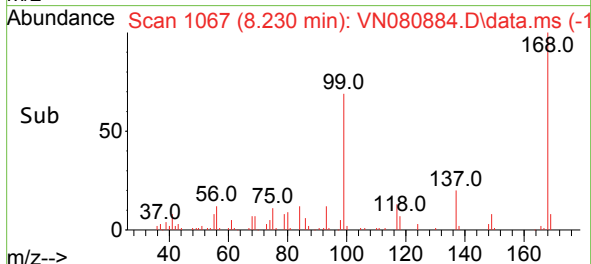
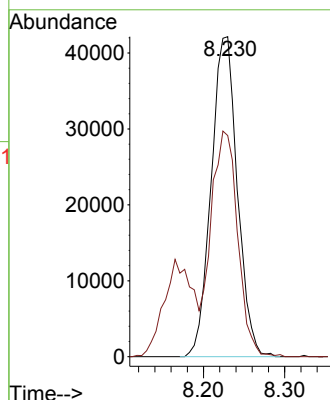
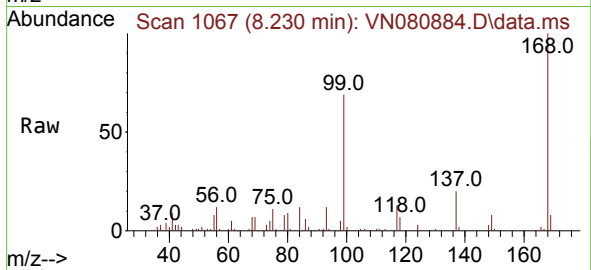
99 68.5 59.9 89.9

Manual Integrations

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Supervised By :Semsettin Yesilyurt 02/05/2024



#2

Dichlorodifluoromethane

Concen: 21.027 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080884.D

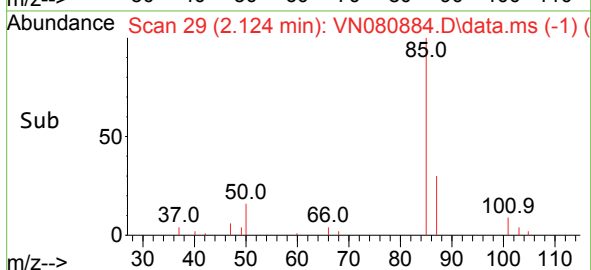
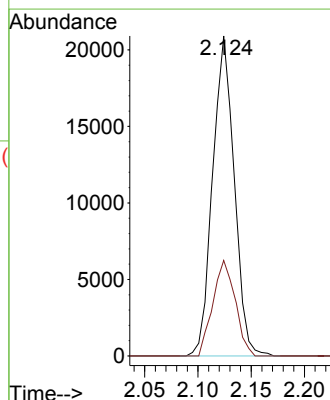
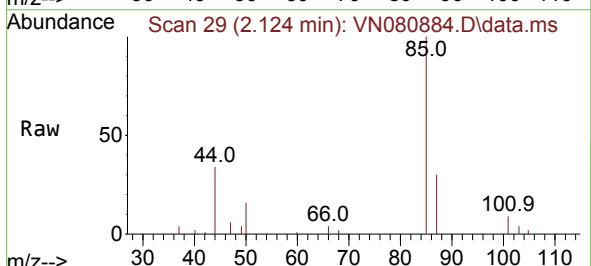
Acq: 02 Feb 2024 19:27

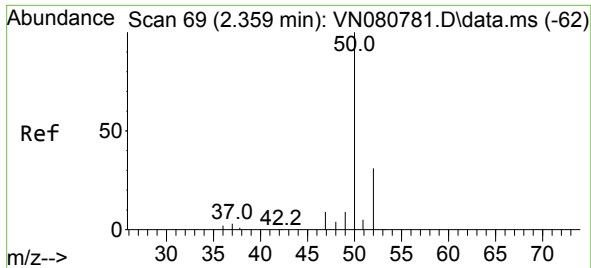
Tgt Ion: 85 Resp: 29503

Ion Ratio Lower Upper

85 100

87 29.8 15.3 45.9





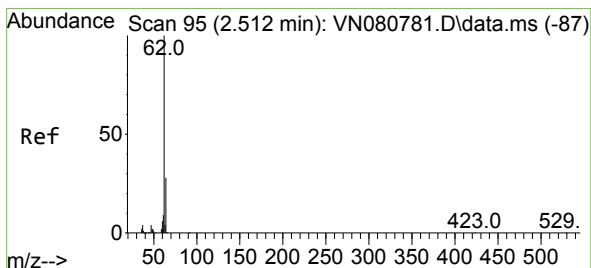
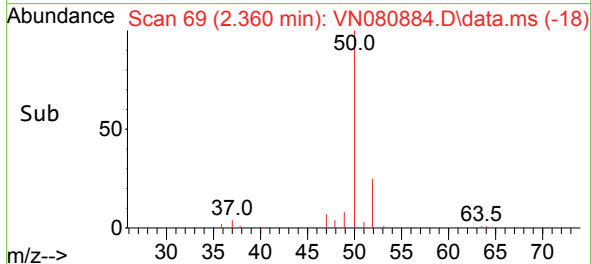
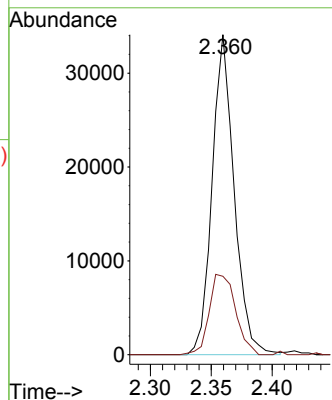
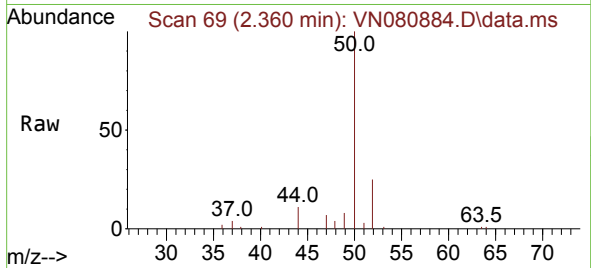
#3
Chloromethane
Concen: 20.330 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

Instrument :
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ClientSampleId :
VN0202MBSD01

Tgt Ion: 50 Resp: 42880
Ion Ratio Lower Upper
50 100
52 24.5 25.0 37.4

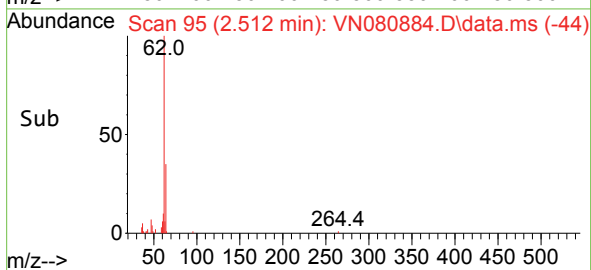
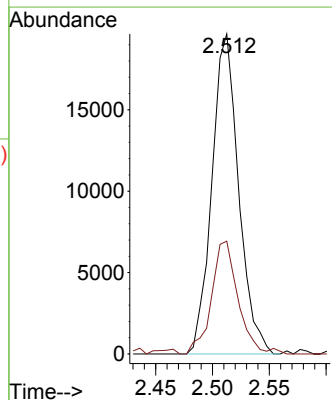
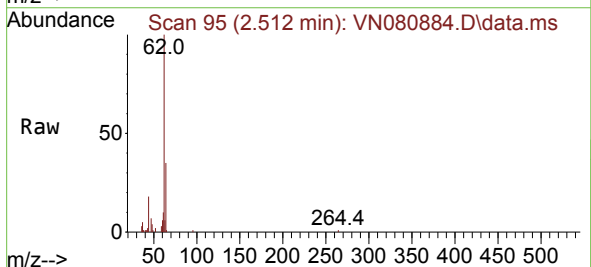
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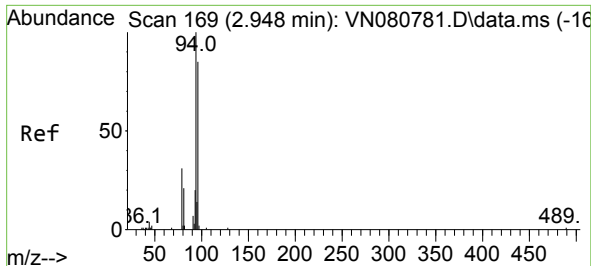
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#4
Vinyl Chloride
Concen: 20.071 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

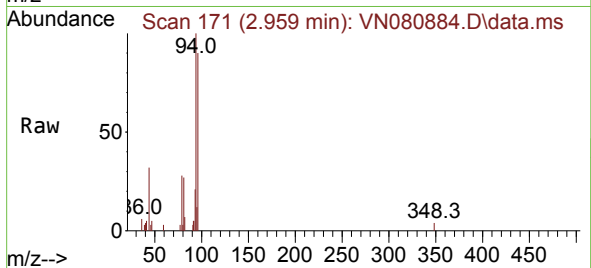
Tgt Ion: 62 Resp: 32184
Ion Ratio Lower Upper
62 100
64 35.3 22.7 34.1





#5
Bromomethane
Concen: 22.093 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

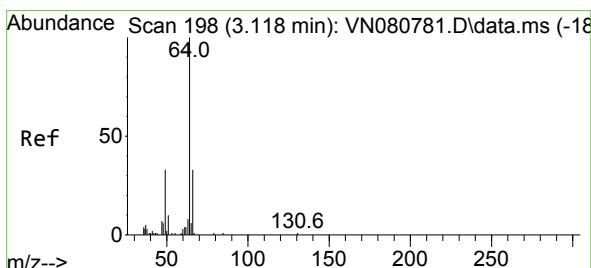
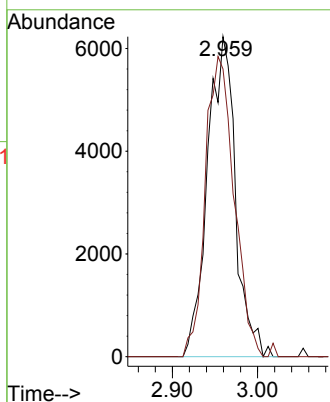
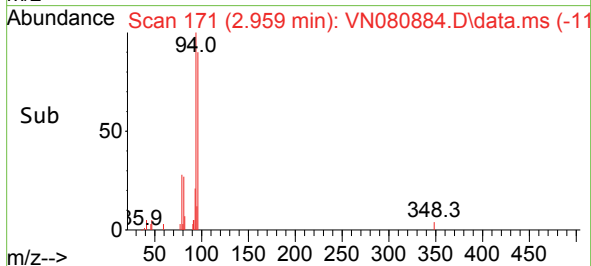
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 14170
Ion Ratio Lower Upper
94 100
96 89.9 69.2 103.8

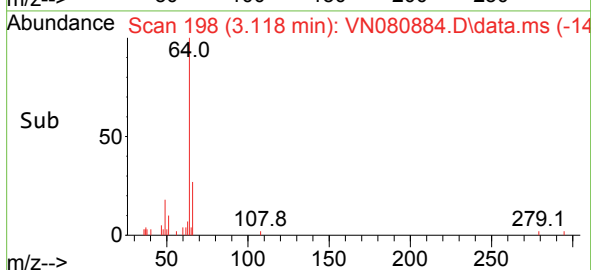
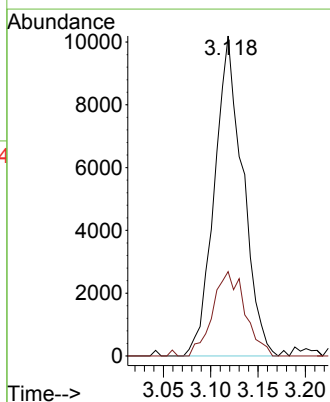
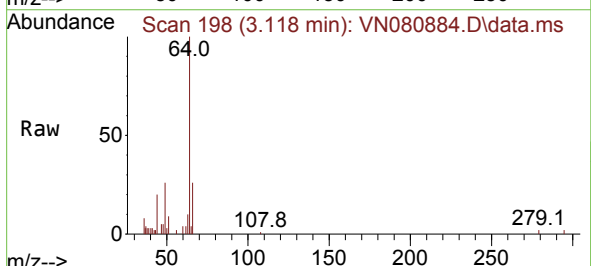
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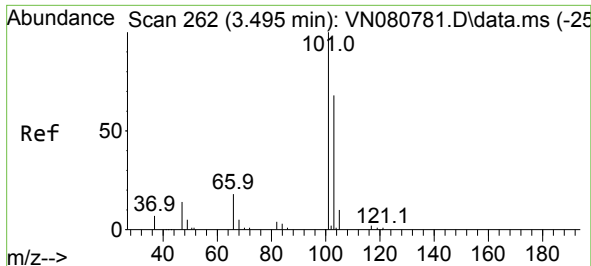
Reviewed By :John Carlone 02/05/2024
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#6
Chloroethane
Concen: 24.892 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

Tgt Ion: 64 Resp: 21280
Ion Ratio Lower Upper
64 100
66 26.3 26.4 39.6#





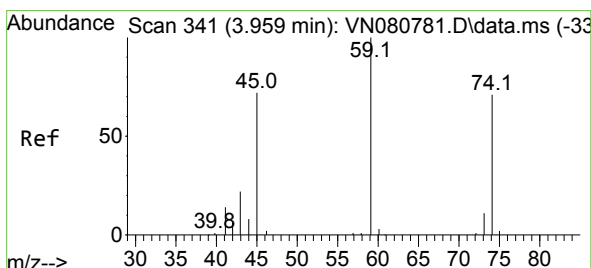
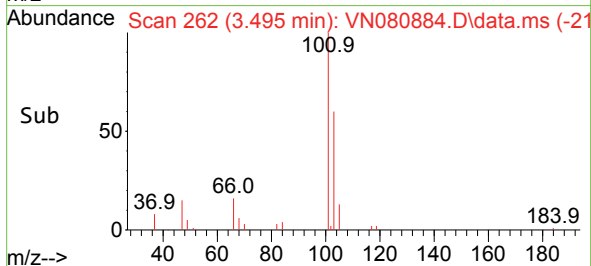
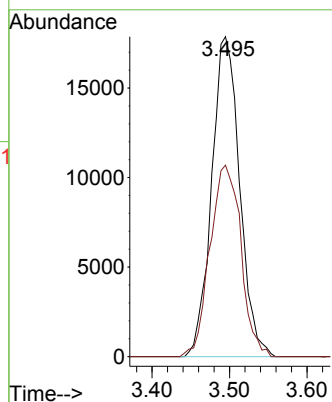
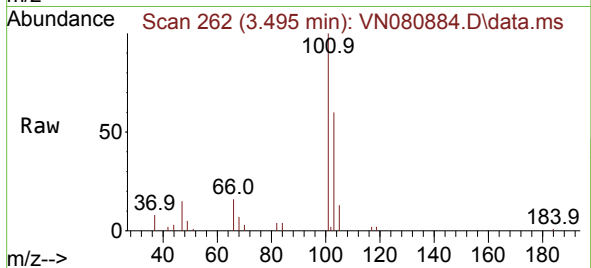
#7
 Trichlorofluoromethane
 Concen: 21.580 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN080884.D
 Acq: 02 Feb 2024 19:27

Instrument :
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Tgt Ion:101 Resp: 44784
 Ion Ratio Lower Upper
 101 100
 103 59.8 54.4 81.6

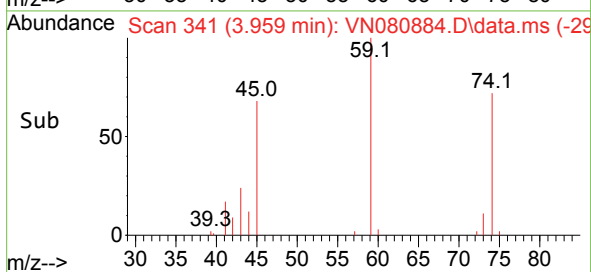
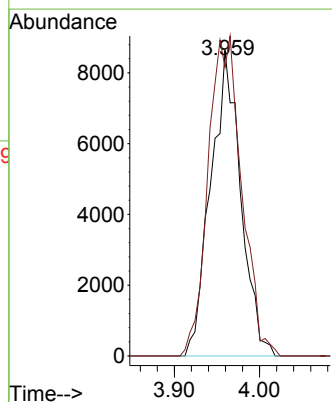
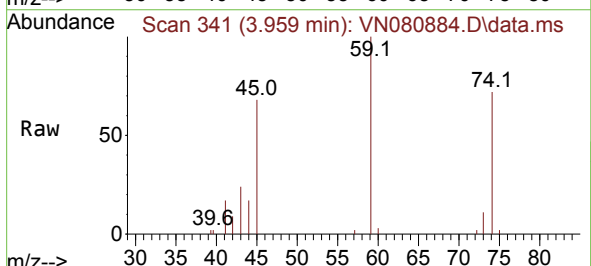
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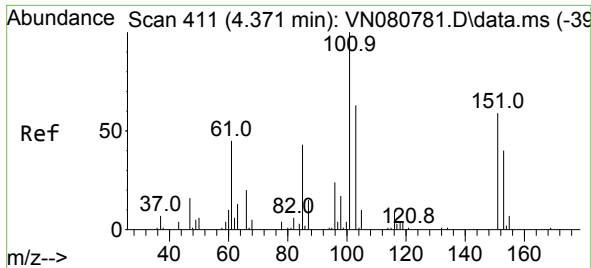
Reviewed By :John Carlone 02/05/2024
 Supervised By :Semsettin Yesilyurt 02/05/2024



#8
 Diethyl Ether
 Concen: 22.065 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080884.D
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Tgt Ion: 74 Resp: 21124
 Ion Ratio Lower Upper
 74 100
 45 117.3 53.3 159.9





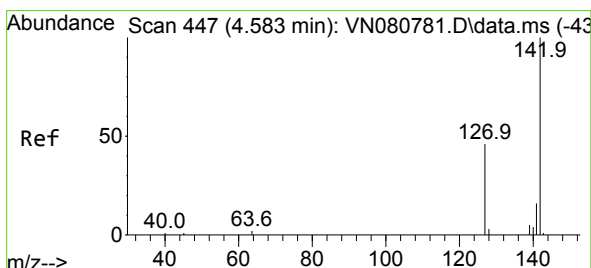
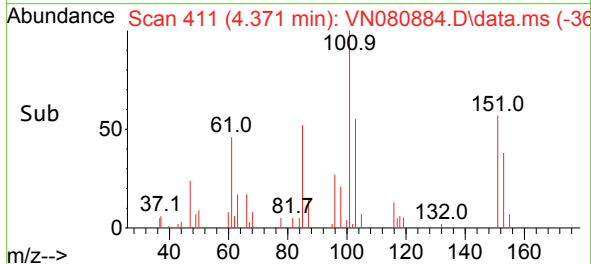
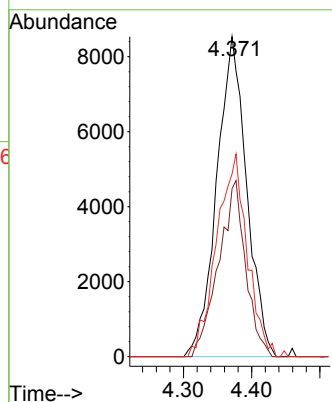
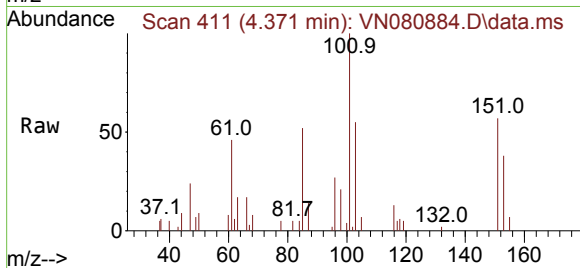
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.490 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01

Tgt Ion:101 Resp: 26000
Ion Ratio Lower Upper
101 100
85 50.0 38.1 57.1
151 64.9 49.1 73.7

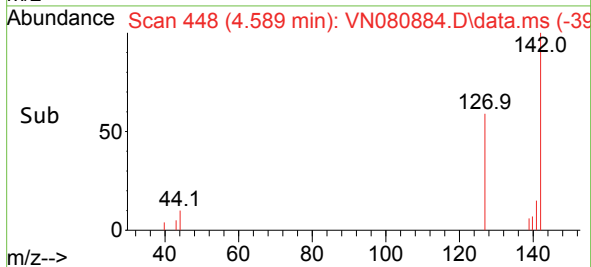
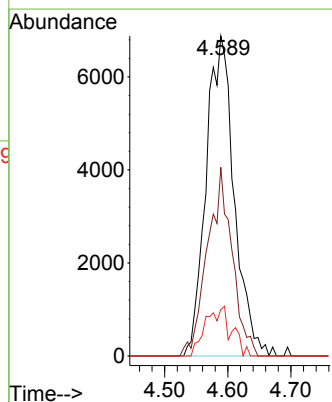
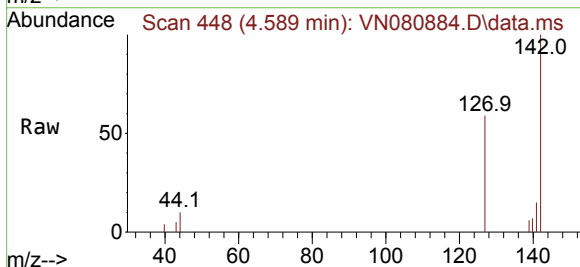
Manual Integrations
APPROVED

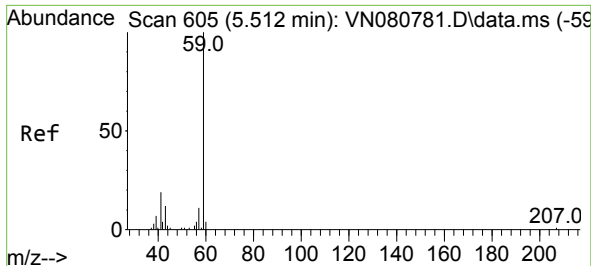
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#10
Methyl Iodide
Concen: 20.854 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

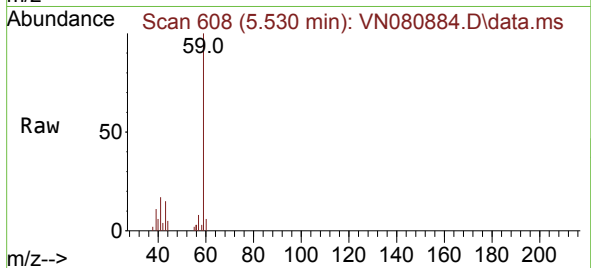
Tgt Ion:142 Resp: 21304
Ion Ratio Lower Upper
142 100
127 58.9 37.0 55.4#
141 14.5 12.5 18.7





#11
Tert butyl alcohol
Concen: 120.536 ug/l
RT: 5.530 min Scan# 605
Delta R.T. 0.018 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

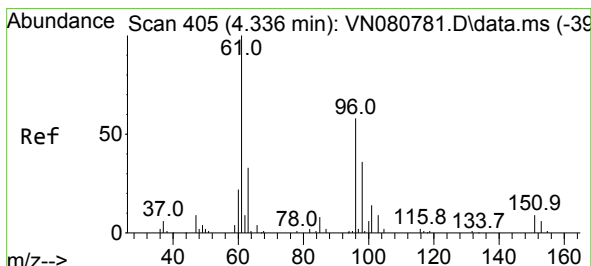
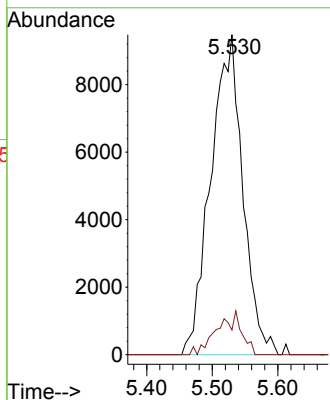
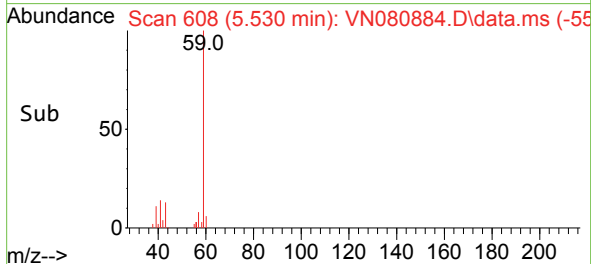
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



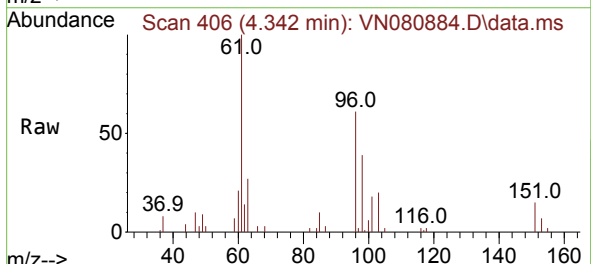
Tgt Ion: 59 Resp: 3211
Ion Ratio Lower Upper
59 100
57 6.8 8.6 12.8

Manual Integrations
APPROVED

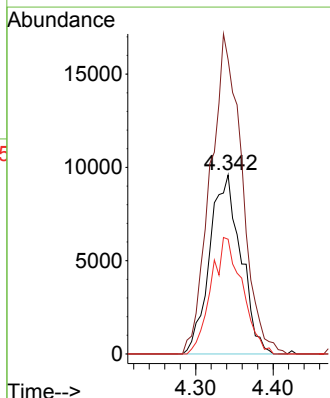
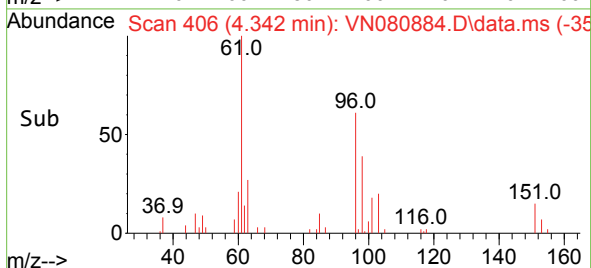
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

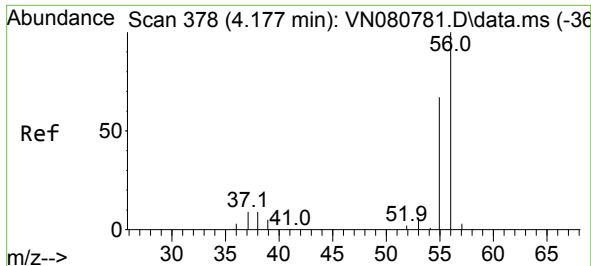


#12
1,1-Dichloroethene
Concen: 20.281 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27



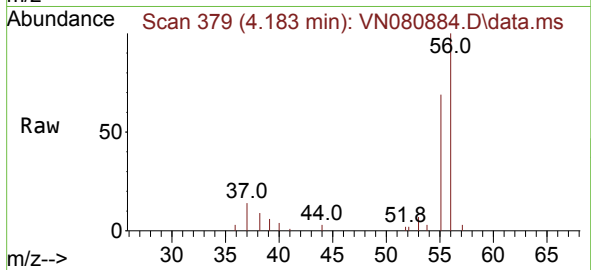
Tgt Ion: 96 Resp: 26892
Ion Ratio Lower Upper
96 100
61 164.4 138.2 207.4
98 64.0 49.2 73.8





#13
Acrolein
Concen: 121.401 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

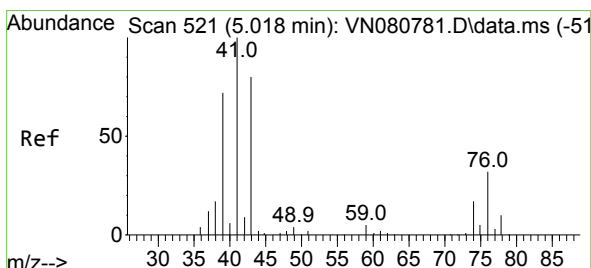
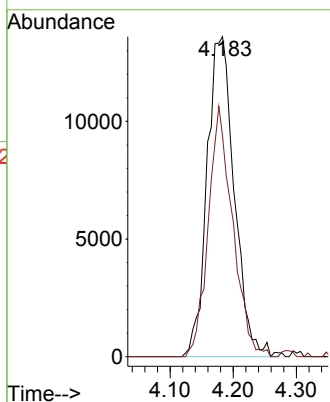
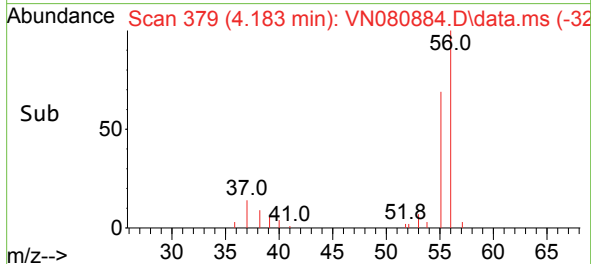
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



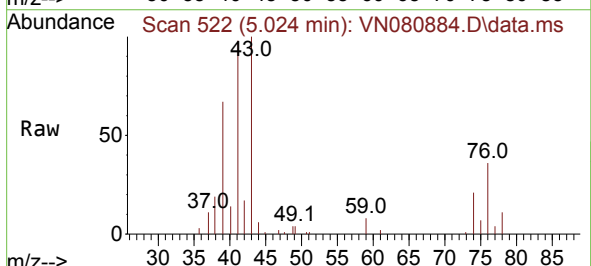
Tgt Ion: 56 Resp: 40784
Ion Ratio Lower Upper
56 100
55 70.0 55.3 82.9

Manual Integrations
APPROVED

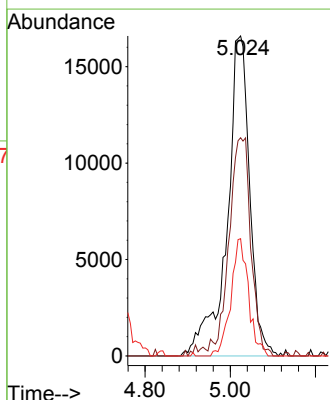
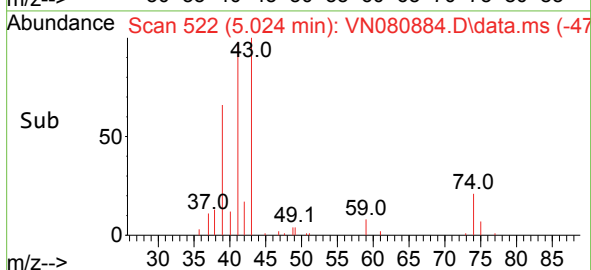
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

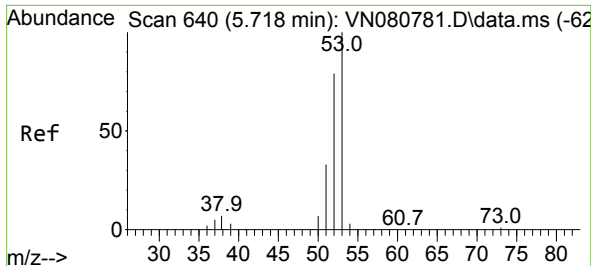


#14
Allyl chloride
Concen: 23.466 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27



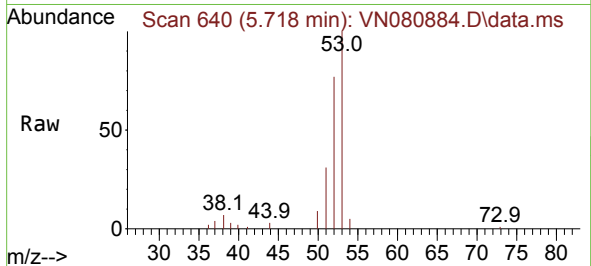
Tgt Ion: 41 Resp: 61504
Ion Ratio Lower Upper
41 100
39 65.4 57.7 86.5
76 28.5 26.8 40.2





#15
Acrylonitrile
Concen: 121.198 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

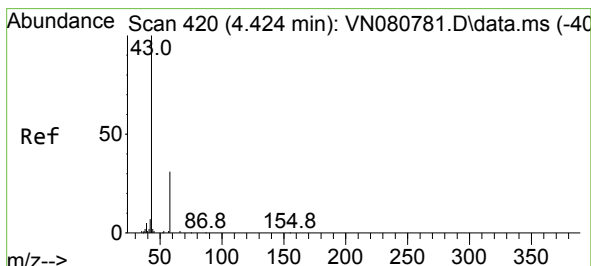
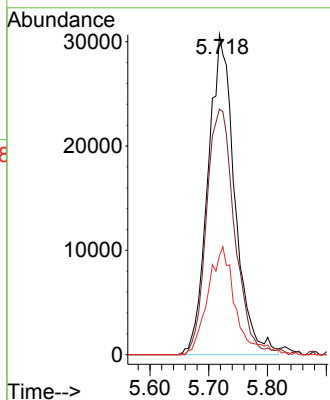
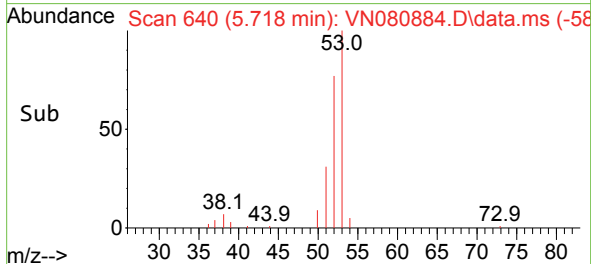
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 53 Resp: 97104
Ion Ratio Lower Upper
53 100
52 80.8 64.8 97.2
51 35.0 26.9 40.3

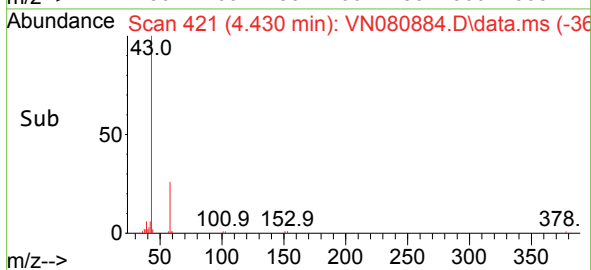
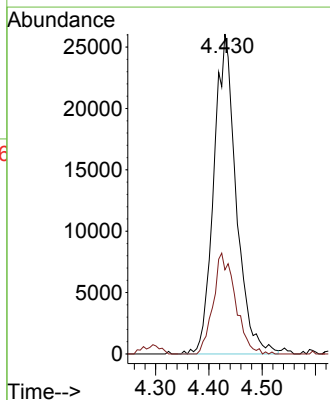
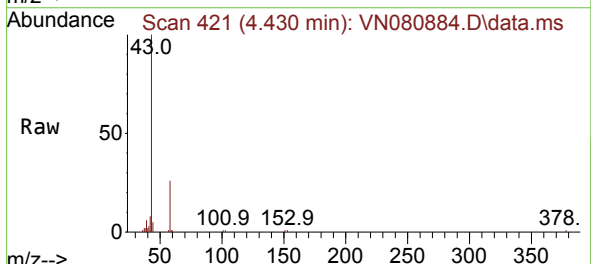
Manual Integrations
APPROVED

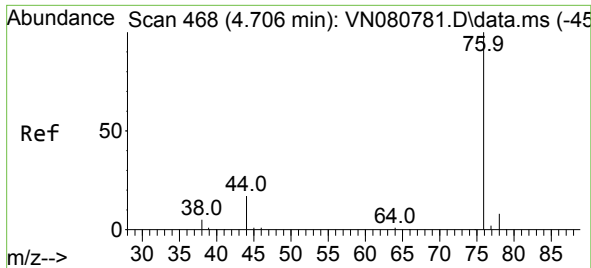
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#16
Acetone
Concen: 128.276 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

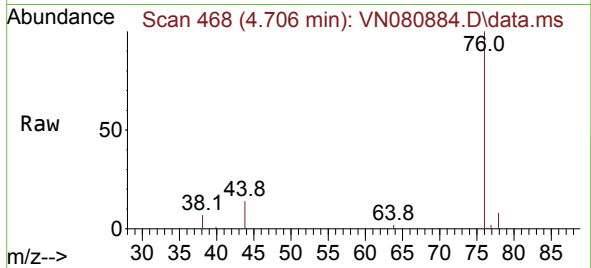
Tgt Ion: 43 Resp: 76029
Ion Ratio Lower Upper
43 100
58 26.3 24.8 37.2





#17
Carbon Disulfide
Concen: 17.646 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

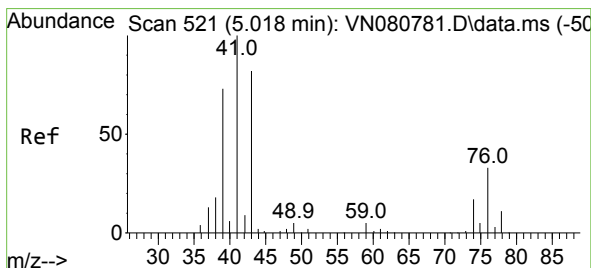
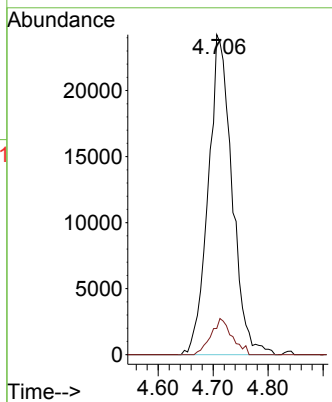
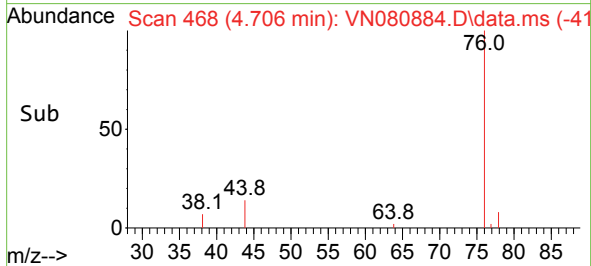
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 76 Resp: 72840
Ion Ratio Lower Upper
76 100
78 8.2 6.3 9.5

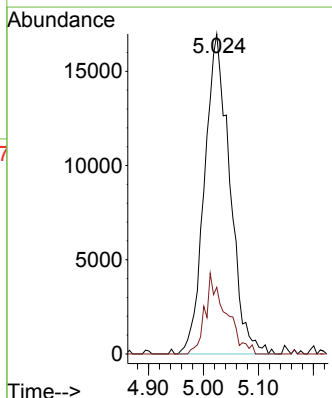
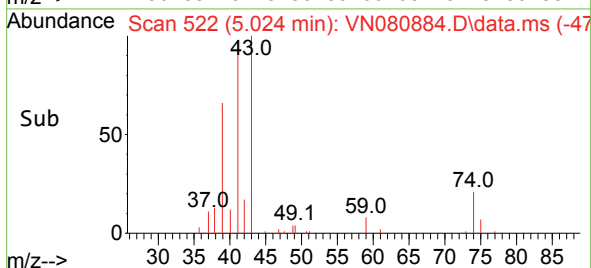
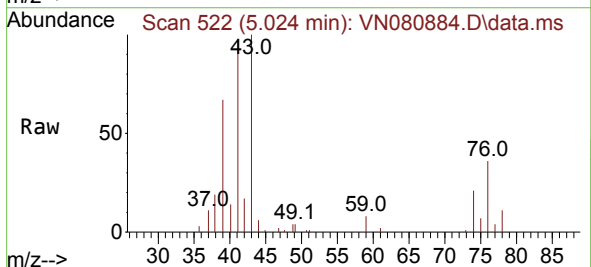
Manual Integrations
APPROVED

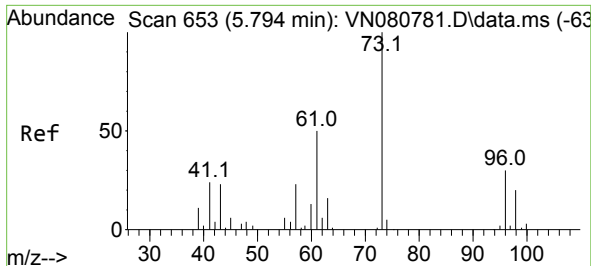
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#18
Methyl Acetate
Concen: 26.304 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

Tgt Ion: 43 Resp: 54335
Ion Ratio Lower Upper
43 100
74 20.8 17.3 25.9





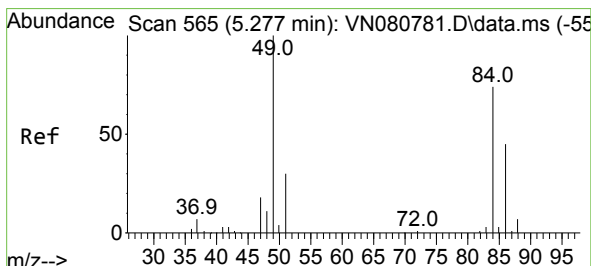
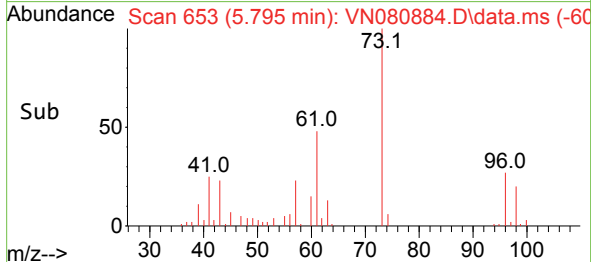
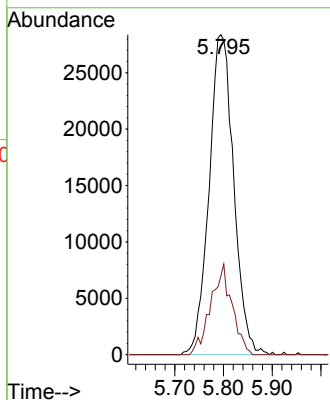
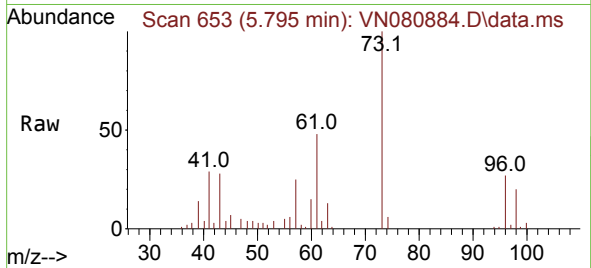
#19
Methyl tert-butyl Ether
Concen: 21.320 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01

Tgt Ion: 73 Resp: 9961
Ion Ratio Lower Upper
73 100
57 24.6 18.2 27.4

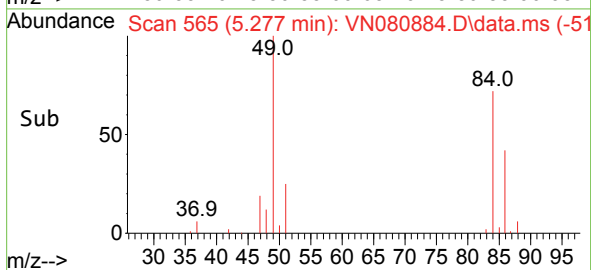
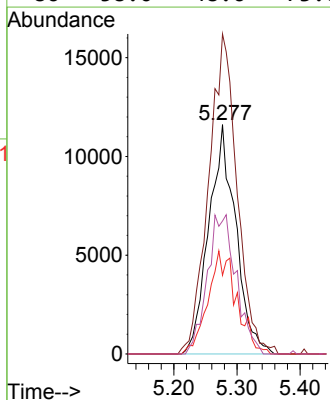
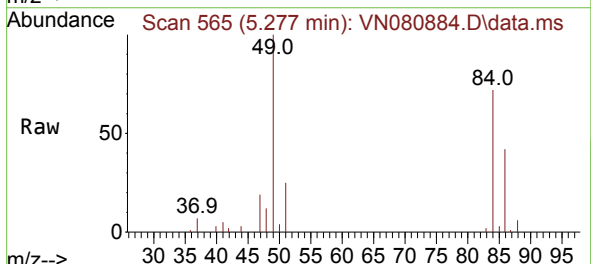
Manual Integrations
APPROVED

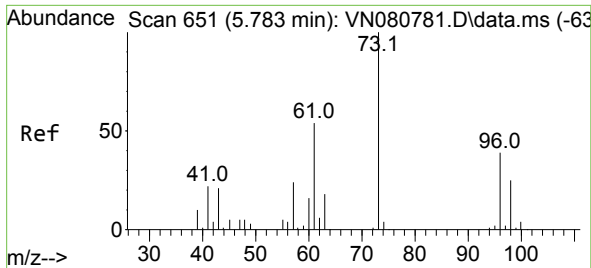
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#20
Methylene Chloride
Concen: 22.106 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

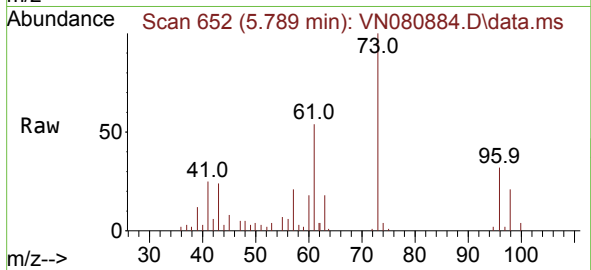
Tgt Ion: 84 Resp: 34393
Ion Ratio Lower Upper
84 100
49 139.6 108.1 162.1
51 34.4 32.9 49.3
86 58.0 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 19.486 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

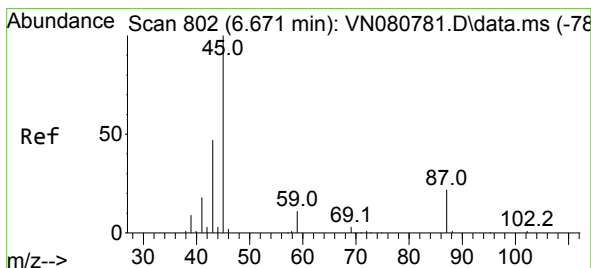
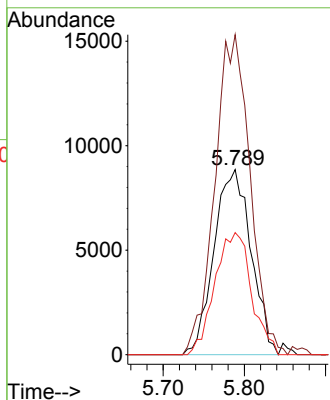
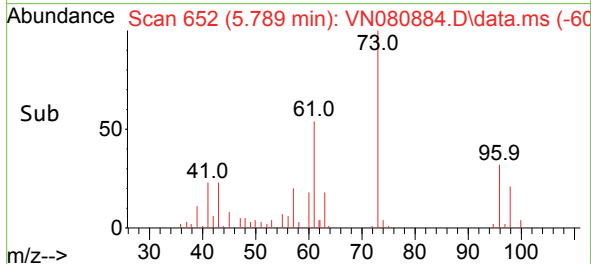
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



Tgt Ion: 96 Resp: 28072
Ion Ratio Lower Upper
96 100
61 172.8 112.8 169.2
98 66.0 51.0 76.4

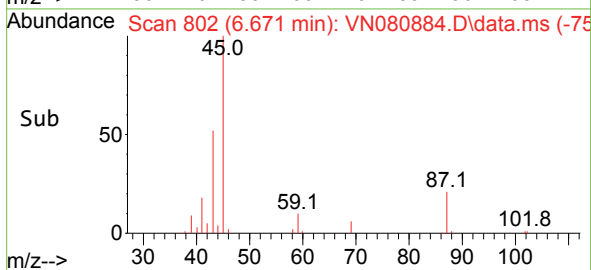
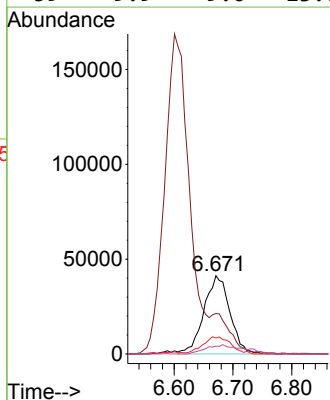
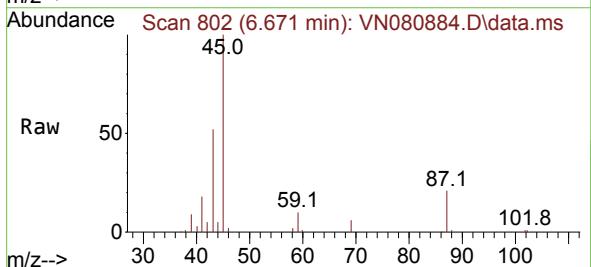
Manual Integrations
APPROVED

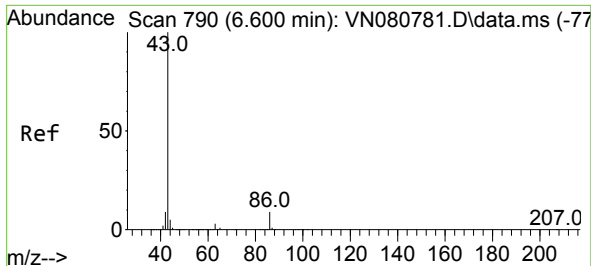
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#22
Diisopropyl ether
Concen: 21.832 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

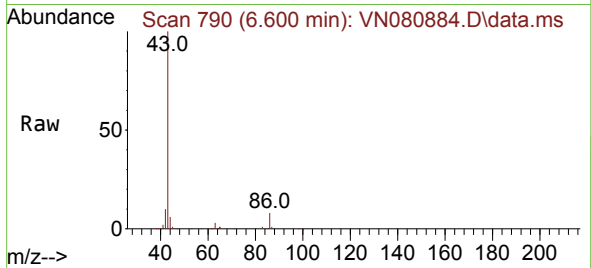
Tgt Ion: 45 Resp: 126254
Ion Ratio Lower Upper
45 100
43 51.7 41.8 62.8
87 20.6 18.1 27.1
59 9.9 9.0 13.6





#23
Vinyl Acetate
Concen: 117.222 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

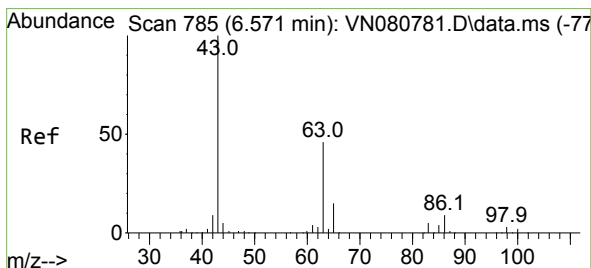
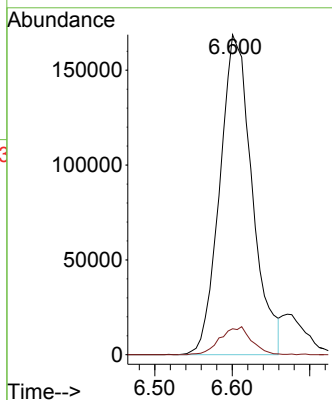
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 43 Resp: 490492
Ion Ratio Lower Upper
43 100
86 8.1 7.1 10.7

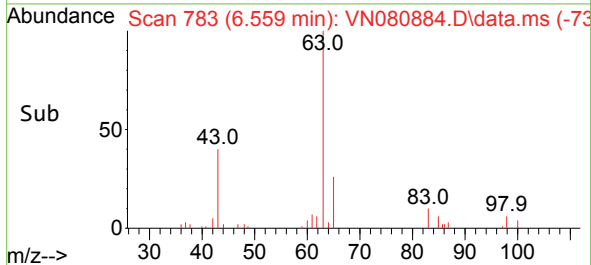
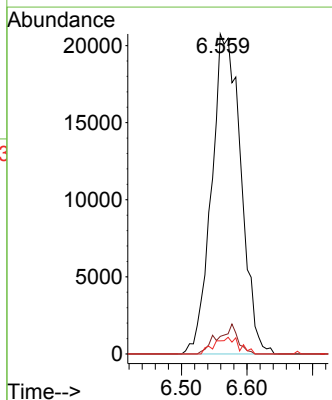
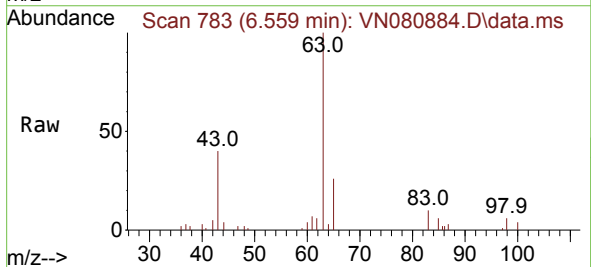
Manual Integrations
APPROVED

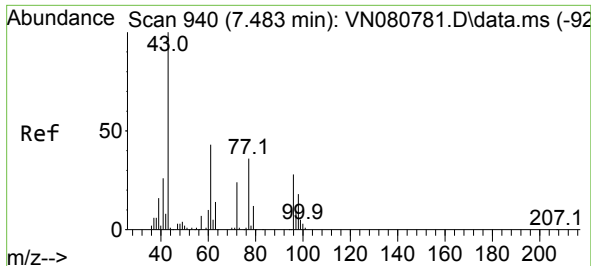
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#24
1,1-Dichloroethane
Concen: 21.904 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.012 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

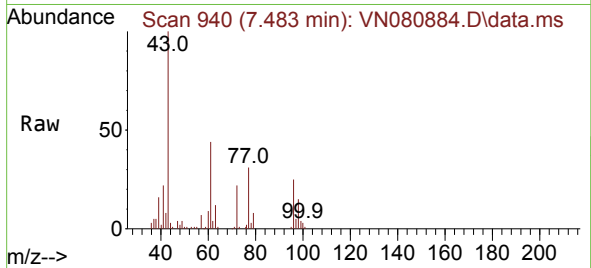
Tgt Ion: 63 Resp: 64242
Ion Ratio Lower Upper
63 100
98 5.5 2.9 8.6
100 4.1 1.9 5.7





#25
2-Butanone
Concen: 118.730 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

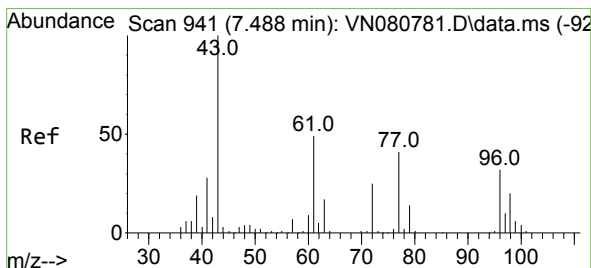
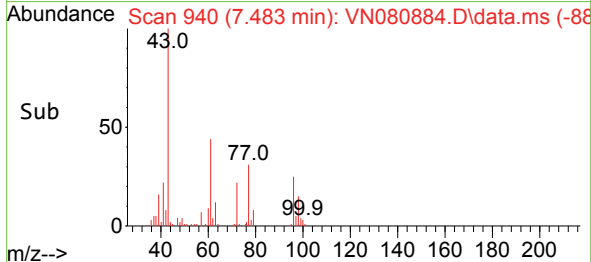
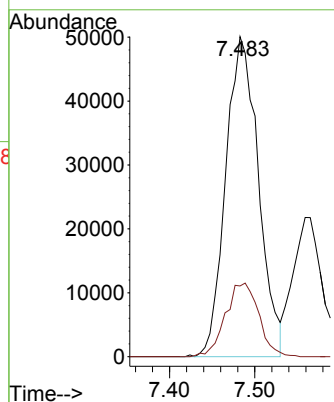
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 43 Resp: 133664
Ion Ratio Lower Upper
43 100
72 22.1 19.5 29.3

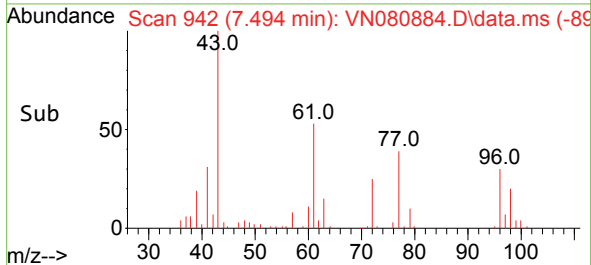
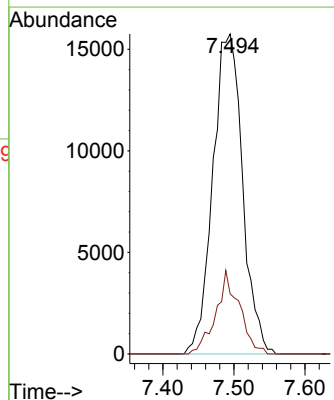
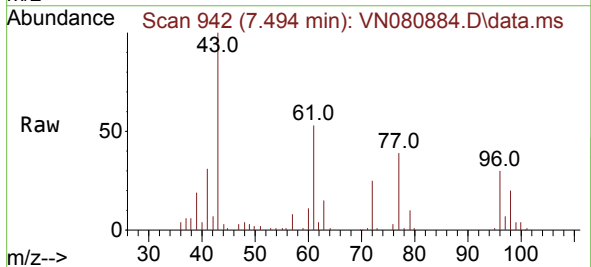
Manual Integrations
APPROVED

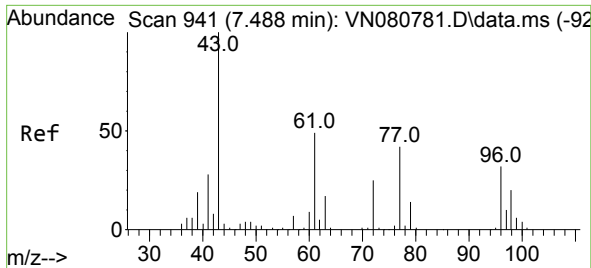
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#26
2,2-Dichloropropane
Concen: 19.277 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

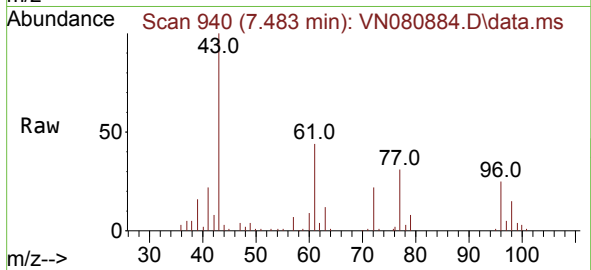
Tgt Ion: 77 Resp: 45695
Ion Ratio Lower Upper
77 100
97 20.6 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 21.283 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080884.D
 Acq: 02 Feb 2024 19:27

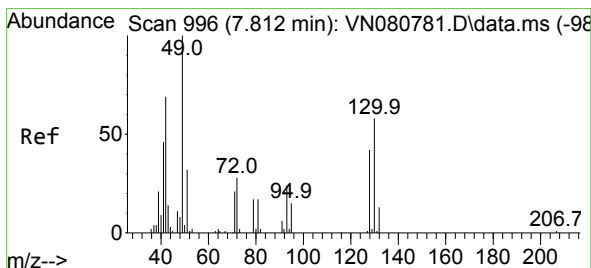
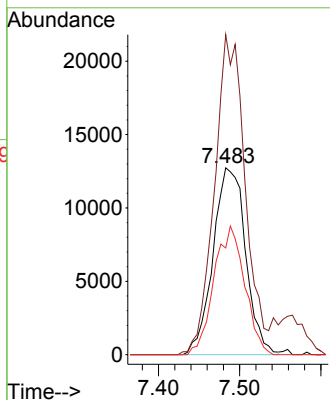
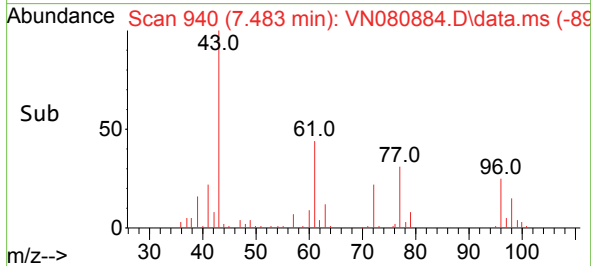
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBS01



Tgt Ion: 96 Resp: 3549
 Ion Ratio Lower Upper
 96 100
 61 161.6 0.0 325.4
 98 65.0 0.0 130.4

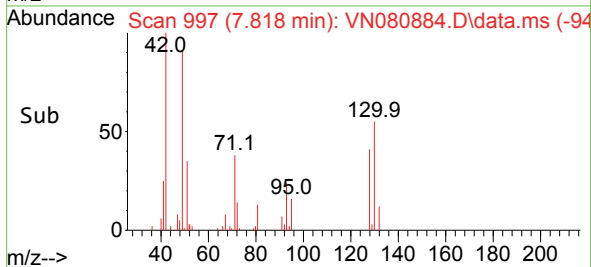
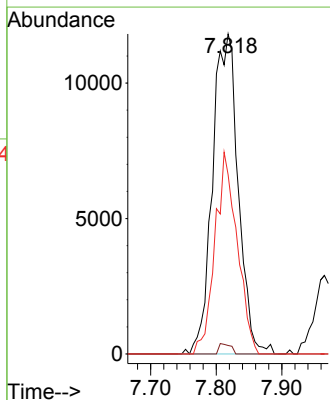
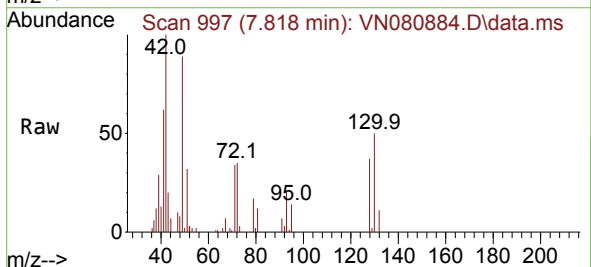
Manual Integrations
 APPROVED

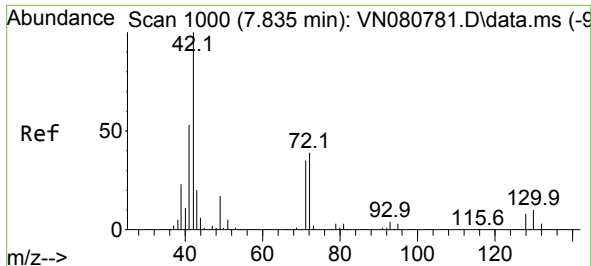
Reviewed By :John Carlone 02/05/2024
 Supervised By :Semsettin Yesilyurt 02/05/2024



#28
 Bromochloromethane
 Concen: 20.735 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080884.D
 Acq: 02 Feb 2024 19:27

Tgt Ion: 49 Resp: 32197
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 1.6
 130 54.5 42.3 63.5





#29

Tetrahydrofuran

Concen: 117.626 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080884.D

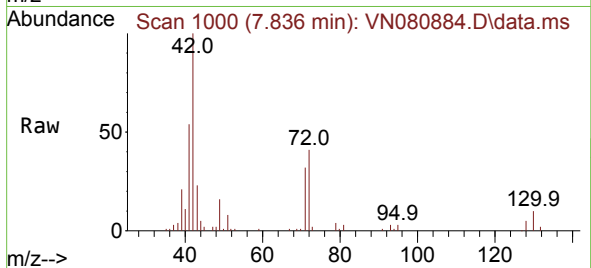
Acq: 02 Feb 2024 19:27

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01



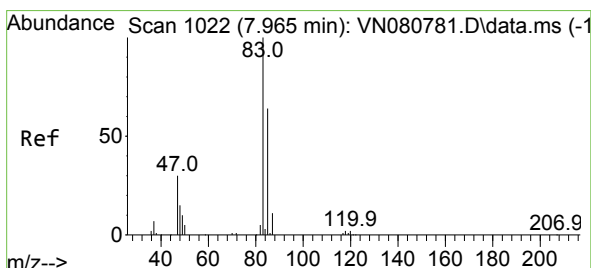
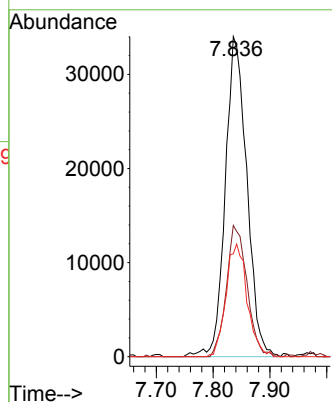
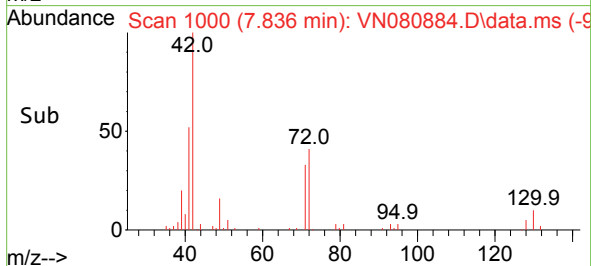
Tgt Ion:	42	Resp:	89604
Ion Ratio	Lower	Upper	
42	100		
72	39.3	31.1	46.7
71	34.7	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carbone 02/05/2024

Supervised By :Semsettin Yesilyurt 02/05/2024



#30

Chloroform

Concen: 21.227 ug/l

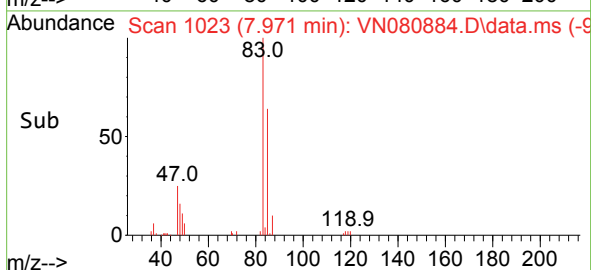
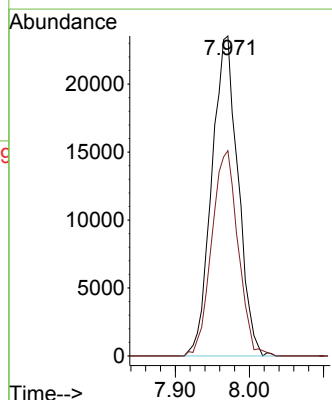
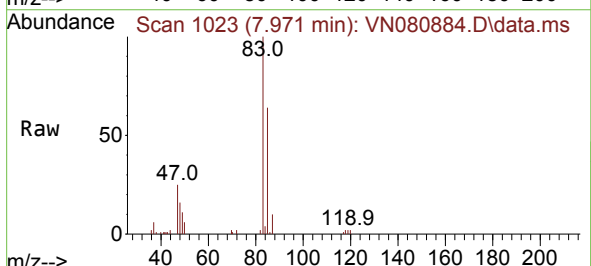
RT: 7.971 min Scan# 1023

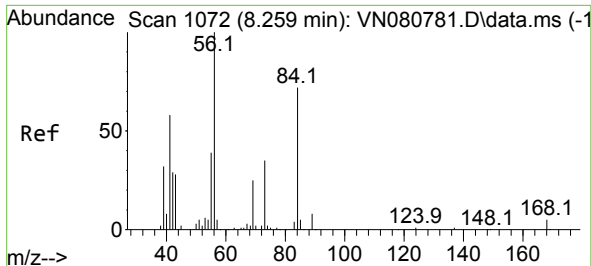
Delta R.T. 0.006 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

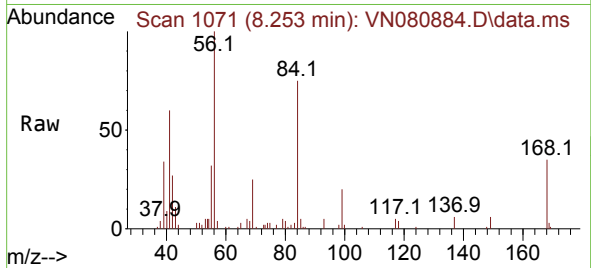
Tgt Ion:	83	Resp:	57838
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.0	76.6





#31
Cyclohexane
Concen: 20.703 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

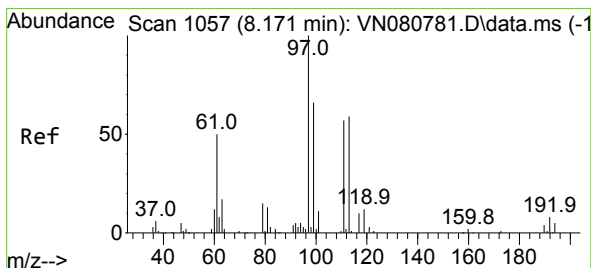
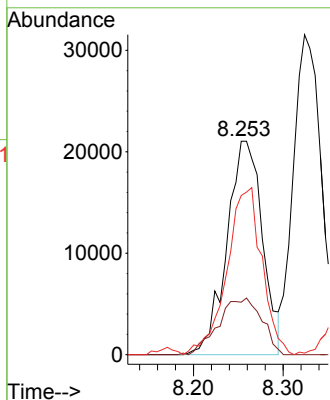
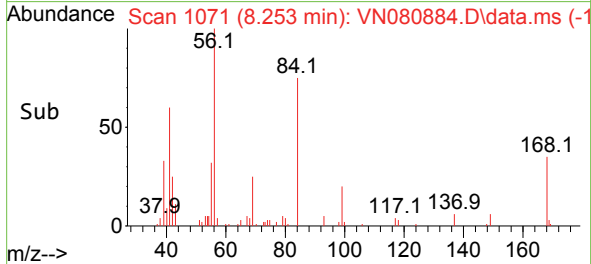
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 56 Resp: 58019
Ion Ratio Lower Upper
56 100
69 24.6 20.1 30.1
84 73.1 56.9 85.3

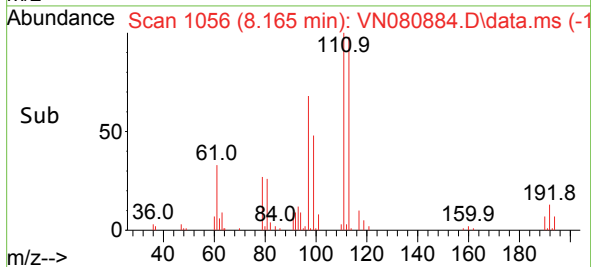
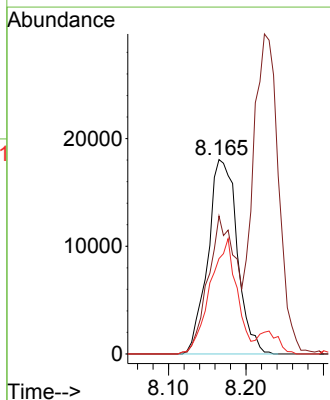
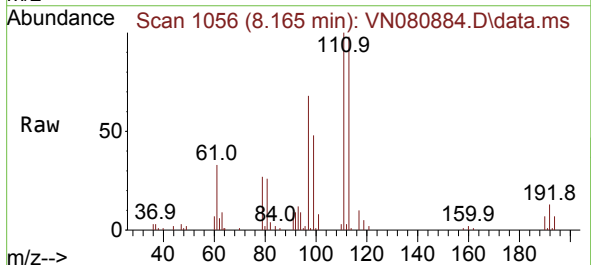
Manual Integrations
APPROVED

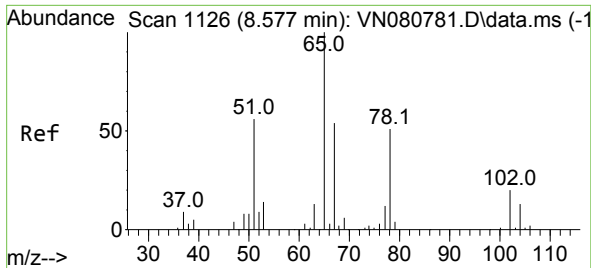
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#32
1,1,1-Trichloroethane
Concen: 21.453 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

Tgt Ion: 97 Resp: 47402
Ion Ratio Lower Upper
97 100
99 66.5 53.4 80.0
61 54.3 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 53.528 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01

Tgt Ion: 65 Resp: 87479

Ion Ratio Lower Upper

65 100

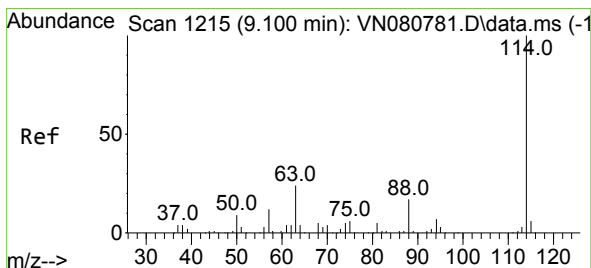
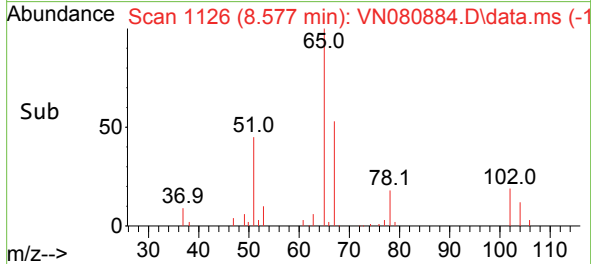
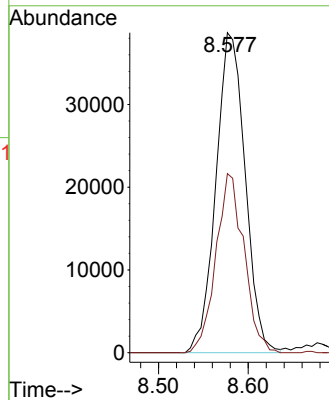
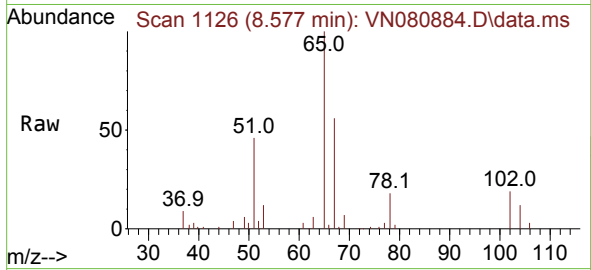
67 53.7 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2024

Supervised By :Semsettin Yesilyurt 02/05/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

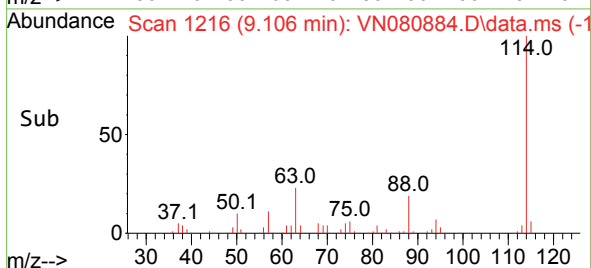
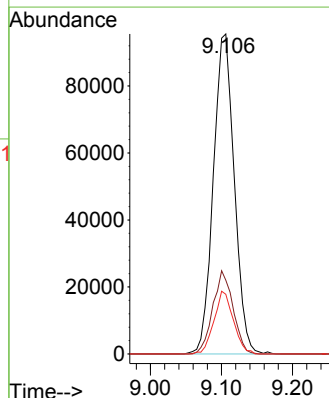
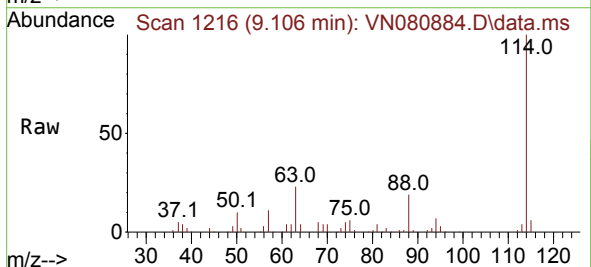
Tgt Ion:114 Resp: 195254

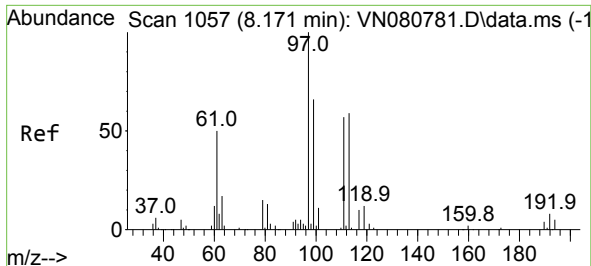
Ion Ratio Lower Upper

114 100

63 23.1 0.0 48.0

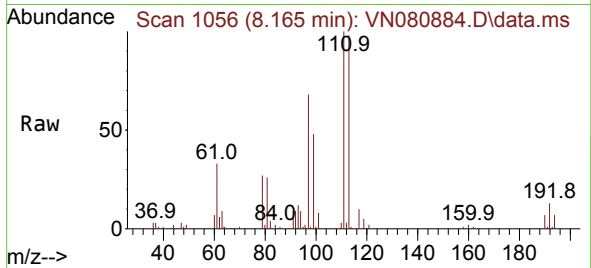
88 18.7 0.0 34.8





#35
Dibromofluoromethane
Concen: 51.609 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

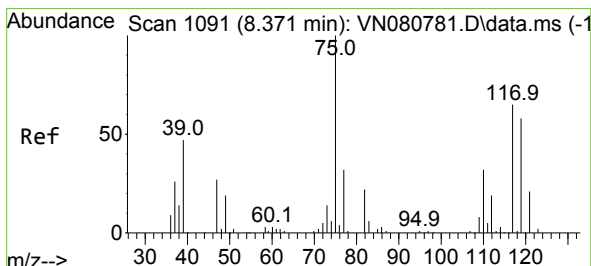
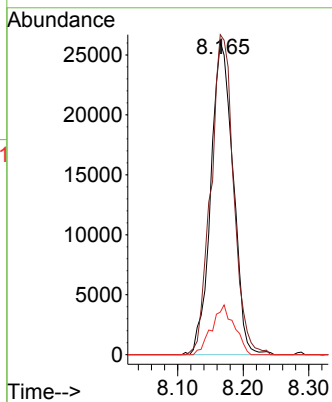
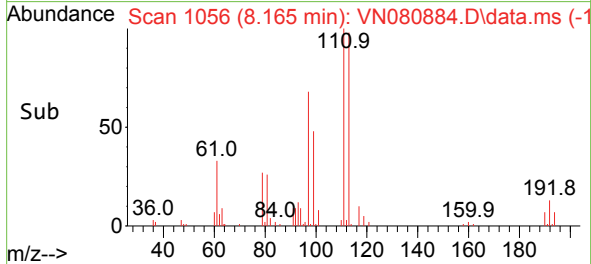
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 113 Resp: 6165
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 16.1 12.5 18.7

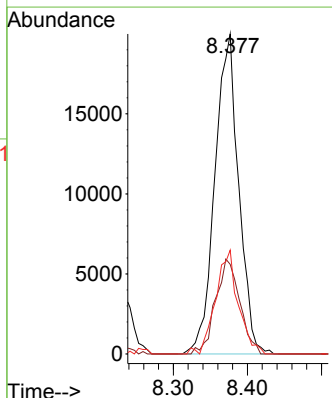
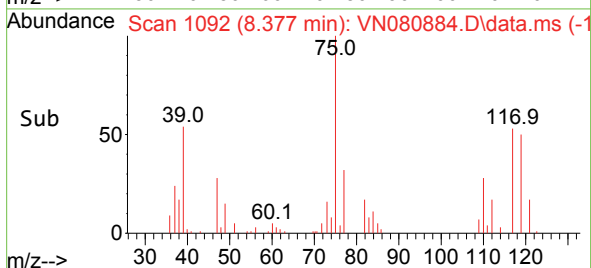
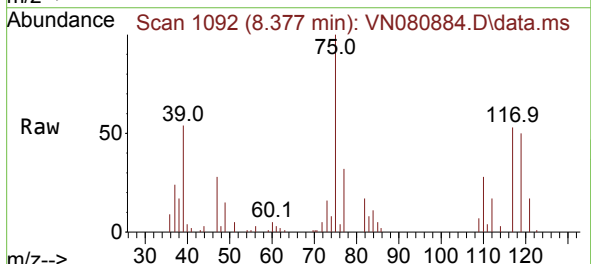
Manual Integrations
APPROVED

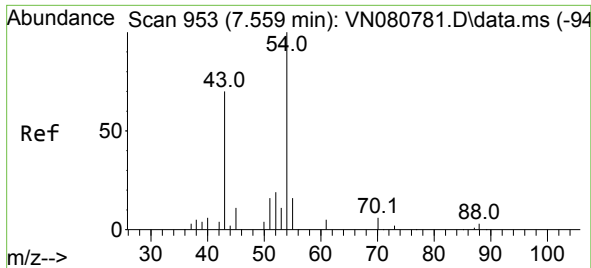
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#36
1,1-Dichloropropene
Concen: 20.106 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

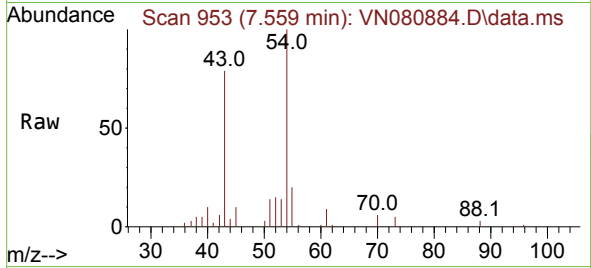
Tgt Ion: 75 Resp: 44641
Ion Ratio Lower Upper
75 100
110 30.1 16.0 48.0
77 30.9 25.8 38.6





#37
Ethyl Acetate
Concen: 23.965 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

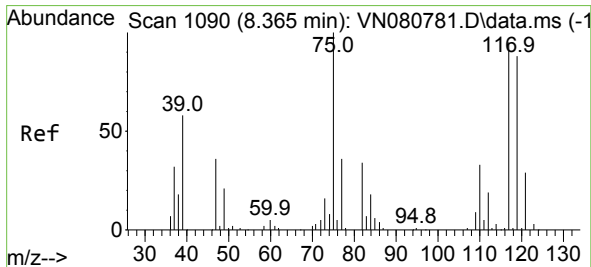
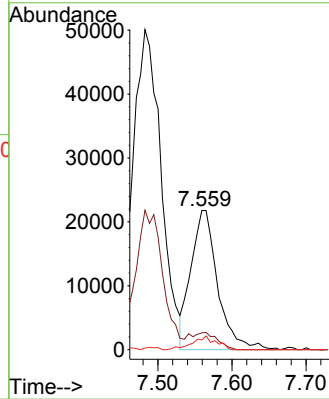
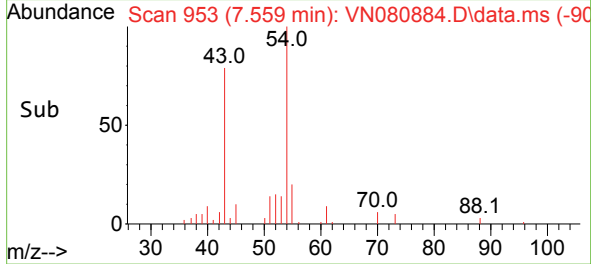
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 43 Resp: 54775
Ion Ratio Lower Upper
43 100
61 12.4 10.6 15.8
70 8.6 8.0 12.0

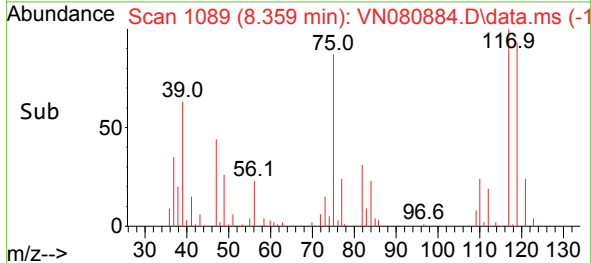
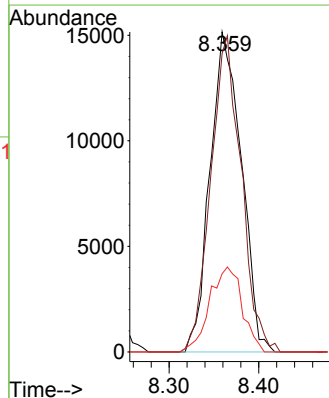
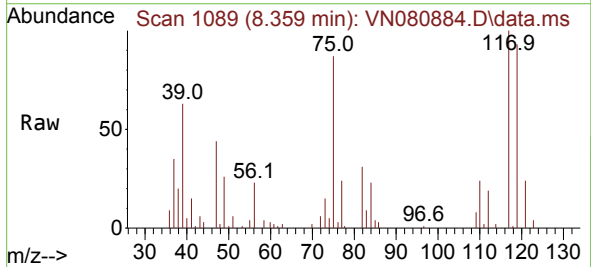
Manual Integrations
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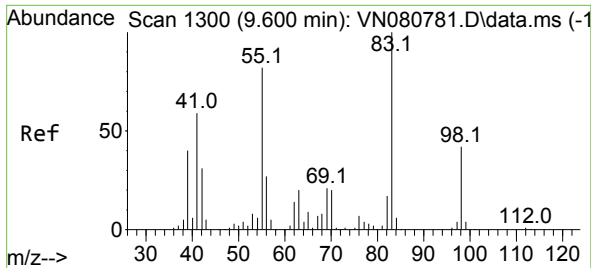
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#38
Carbon Tetrachloride
Concen: 20.564 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

Tgt Ion:117 Resp: 36788
Ion Ratio Lower Upper
117 100
119 93.3 73.4 110.2
121 24.4 24.4 36.6





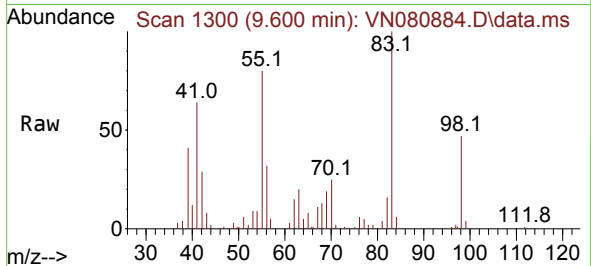
#39
Methylcyclohexane
Concen: 19.387 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBSD01



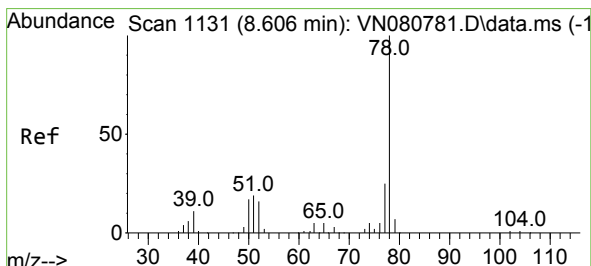
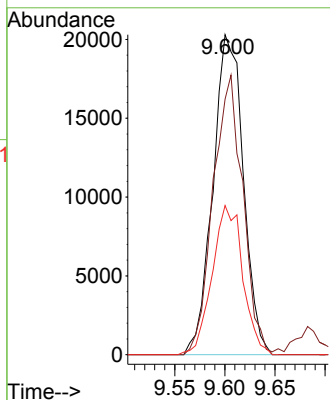
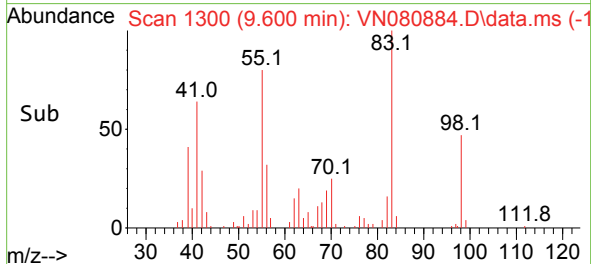
Tgt Ion: 83 Resp: 42780
Ion Ratio Lower Upper
83 100
55 79.8 65.7 98.5
98 46.6 33.8 50.6

Manual Integrations

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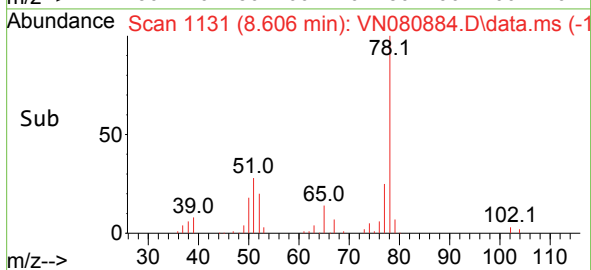
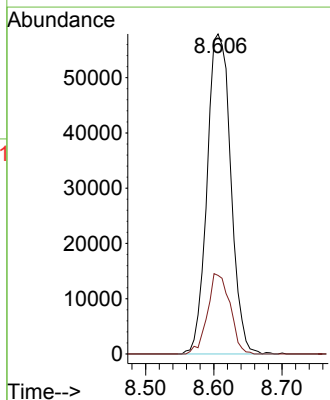
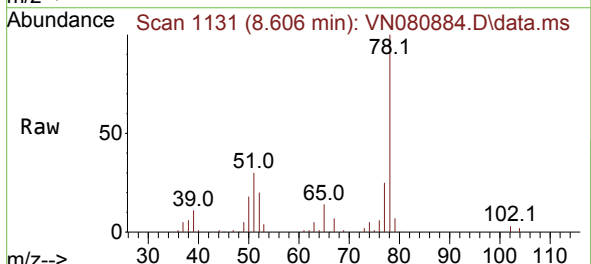
Reviewed By :John Carlone 02/05/2024

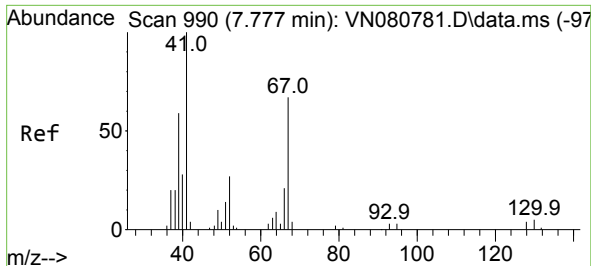
Supervised By :Semsettin Yesilyurt 02/05/2024



#40
Benzene
Concen: 21.470 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

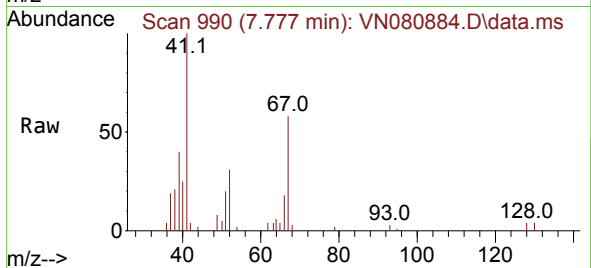
Tgt Ion: 78 Resp: 140104
Ion Ratio Lower Upper
78 100
77 24.6 20.4 30.6





#41
Methacrylonitrile
Concen: 22.866 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

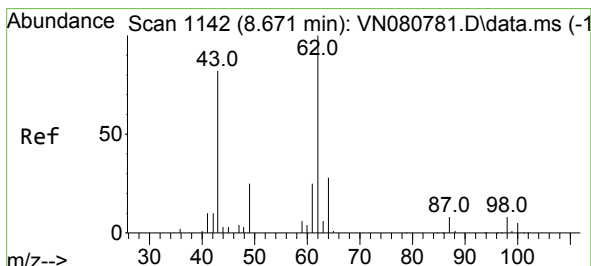
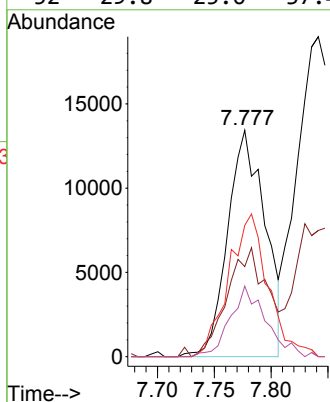
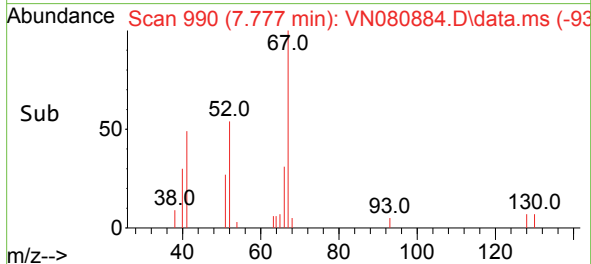
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 41 Resp: 3080
Ion Ratio Lower Upper
41 100
39 51.2 48.4 72.6
67 66.4 56.8 85.2
52 29.8 25.0 37.4

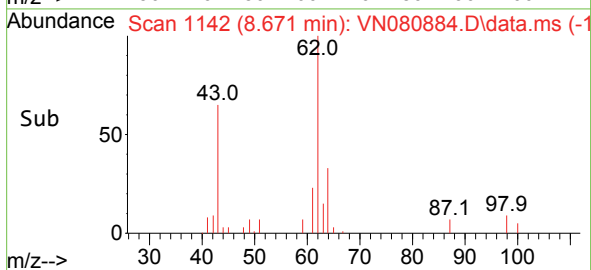
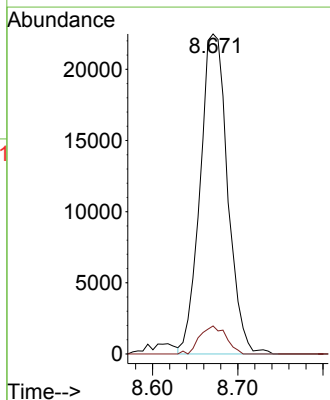
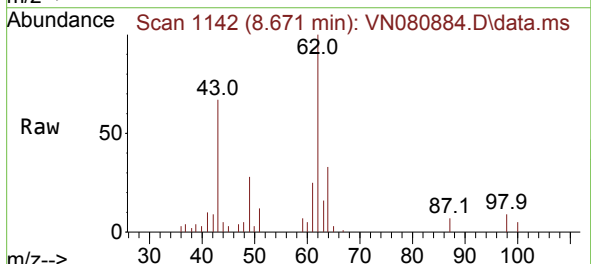
Manual Integrations
APPROVED

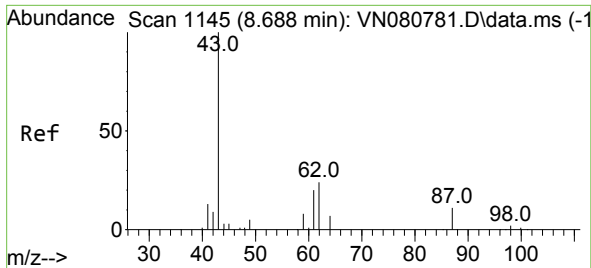
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#42
1,2-Dichloroethane
Concen: 23.745 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

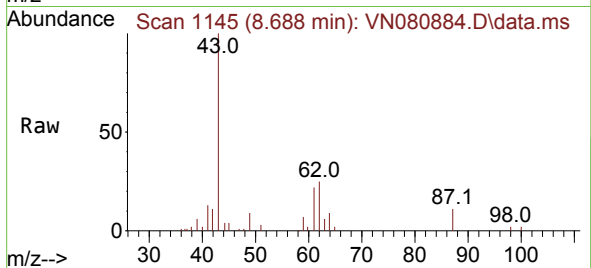
Tgt Ion: 62 Resp: 50481
Ion Ratio Lower Upper
62 100
98 8.3 0.0 18.0





#43
Isopropyl Acetate
Concen: 21.900 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

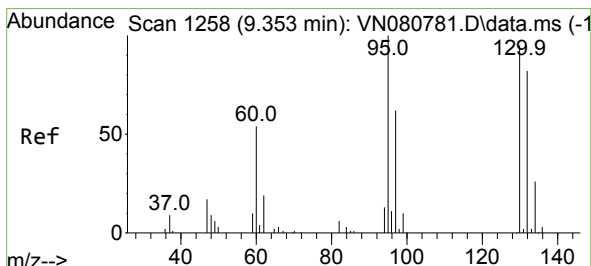
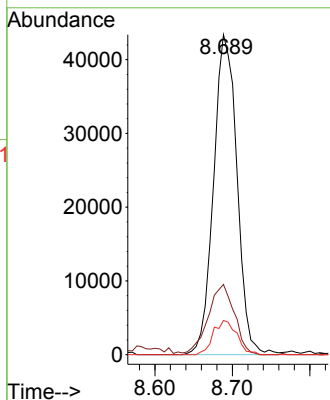
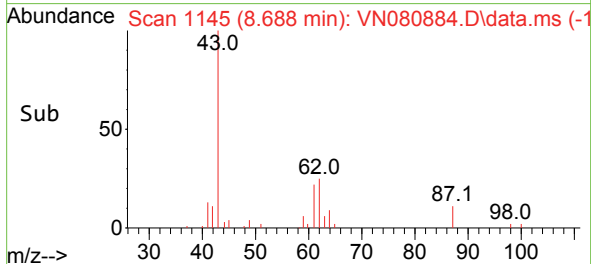
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 43 Resp: 9113
Ion Ratio Lower Upper
43 100
61 24.6 19.9 29.9
87 10.7 9.0 13.6

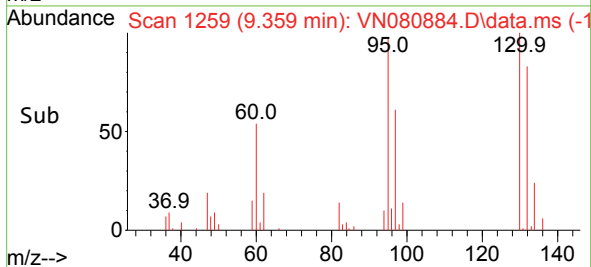
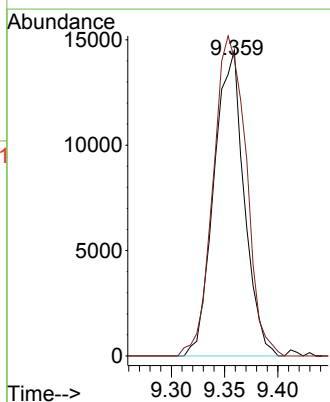
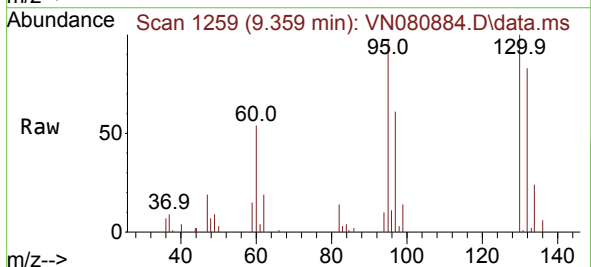
Manual Integrations
APPROVED

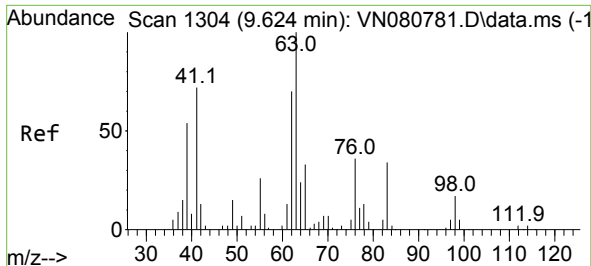
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#44
Trichloroethene
Concen: 19.853 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

Tgt Ion:130 Resp: 28535
Ion Ratio Lower Upper
130 100
95 97.2 0.0 210.4





#45

1,2-Dichloropropane

Concen: 21.823 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBSD01

Tgt Ion: 63 Resp: 38540

Ion Ratio Lower Upper

63 100

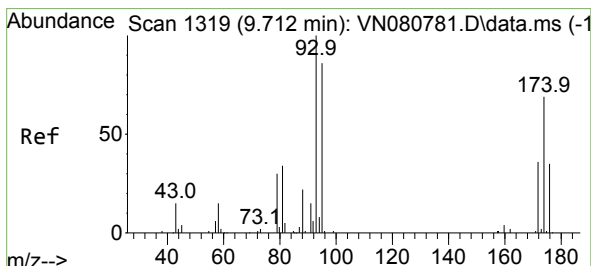
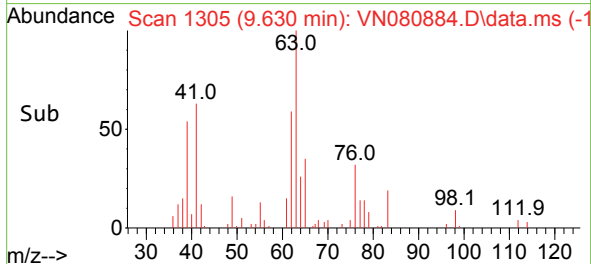
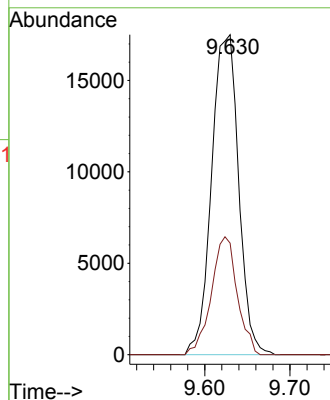
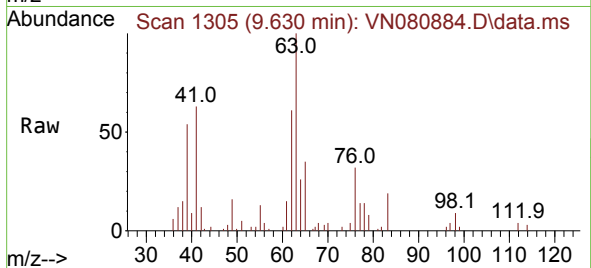
65 34.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2024

Supervised By :Semsettin Yesilyurt 02/05/2024



#46

Dibromomethane

Concen: 20.543 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

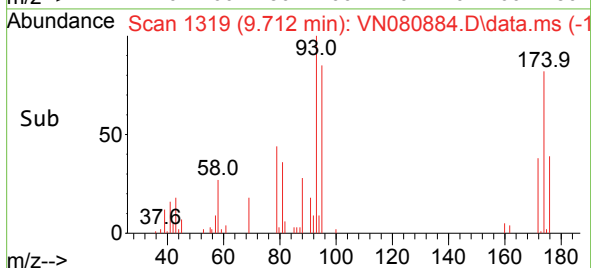
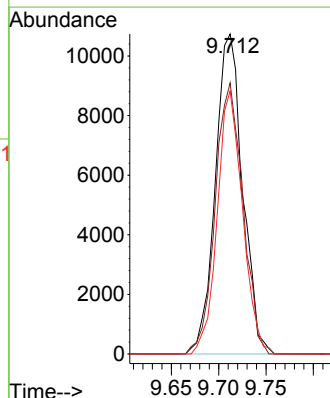
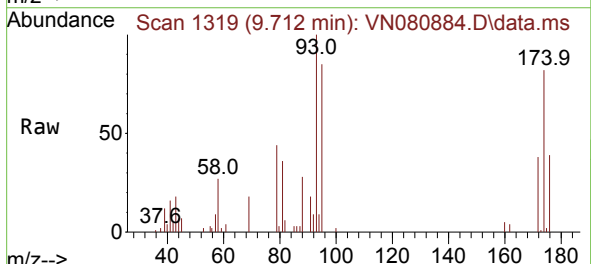
Tgt Ion: 93 Resp: 21506

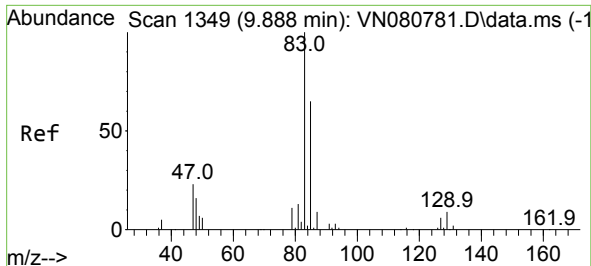
Ion Ratio Lower Upper

93 100

95 85.9 68.1 102.1

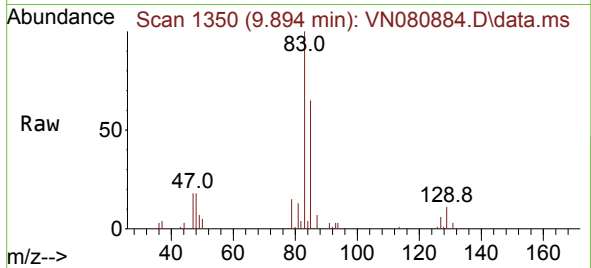
174 76.2 57.2 85.8





#47
Bromodichloromethane
Concen: 21.340 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

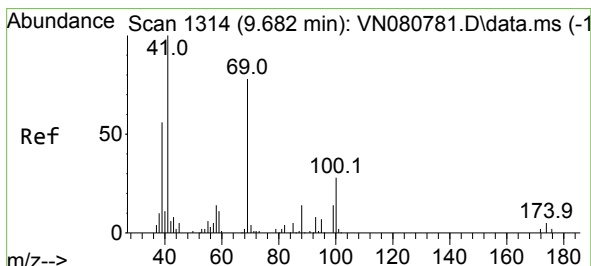
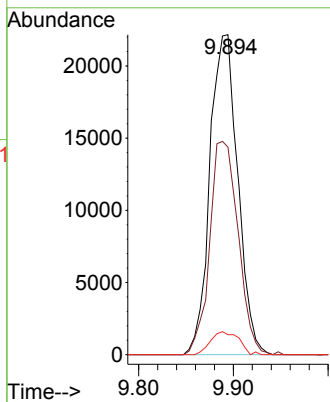
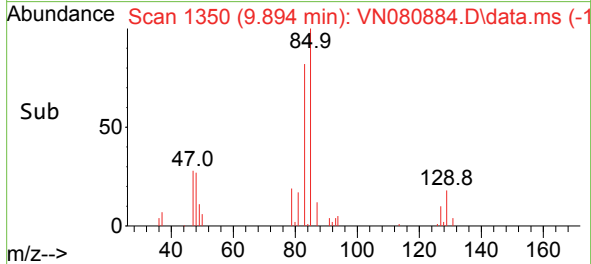
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 83 Resp: 4535
Ion Ratio Lower Upper
83 100
85 64.8 52.3 78.5
127 6.3 4.6 7.0

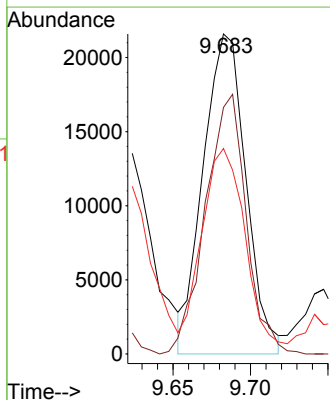
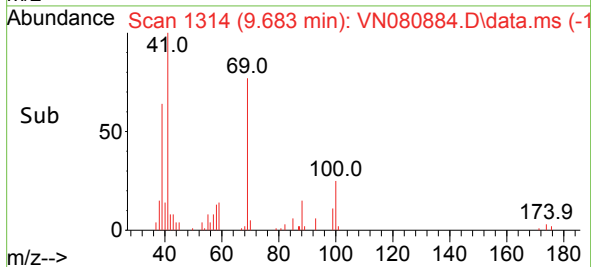
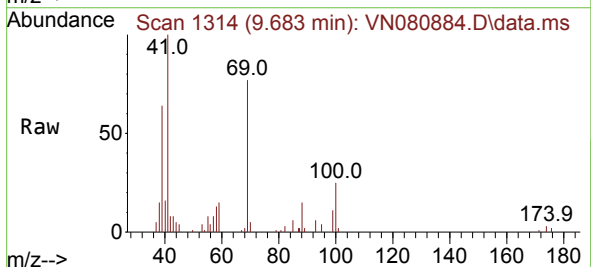
Manual Integrations
APPROVED

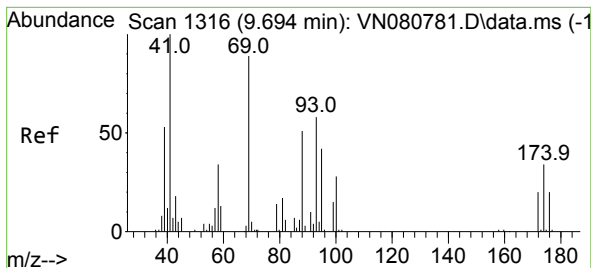
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#48
Methyl methacrylate
Concen: 20.501 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

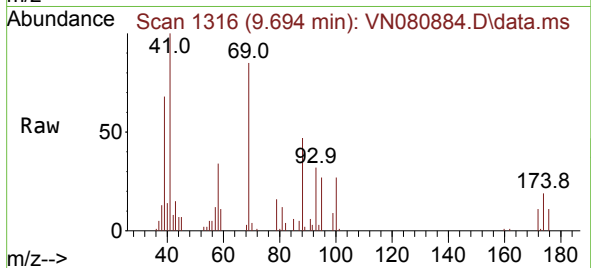
Tgt Ion: 41 Resp: 41359
Ion Ratio Lower Upper
41 100
69 77.6 62.2 93.2
39 66.3 47.6 71.4





#49
1,4-Dioxane
Concen: 469.946 ug/l
RT: 9.694 min Scan# 11420
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

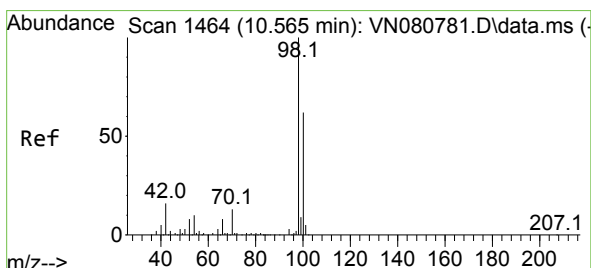
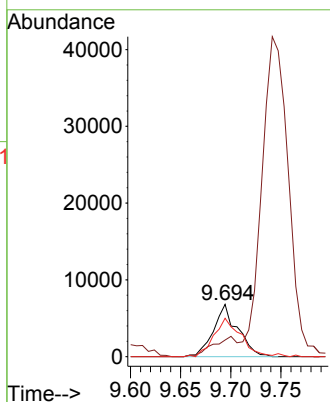
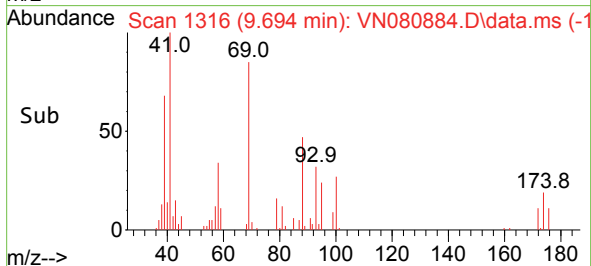
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



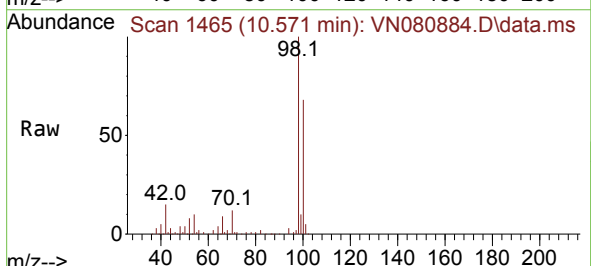
Tgt Ion: 88 Resp: 11420
Ion Ratio Lower Upper
88 100
43 37.6 30.1 45.1
58 81.5 63.9 95.9

Manual Integrations
APPROVED

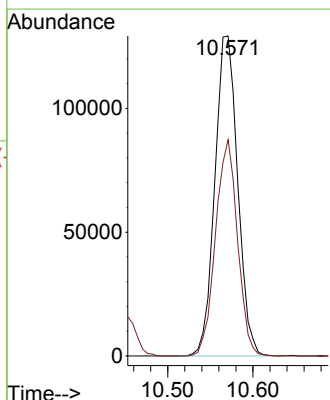
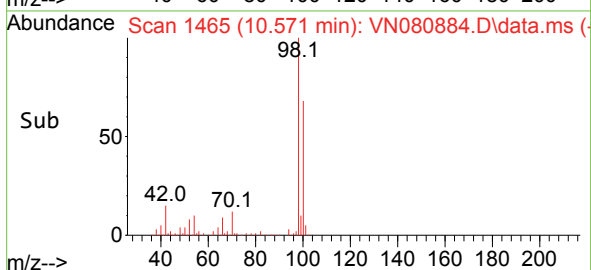
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

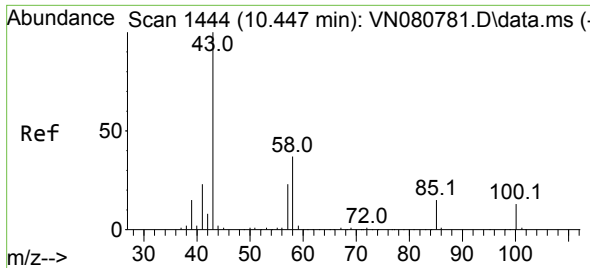


#50
Toluene-d8
Concen: 51.482 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27



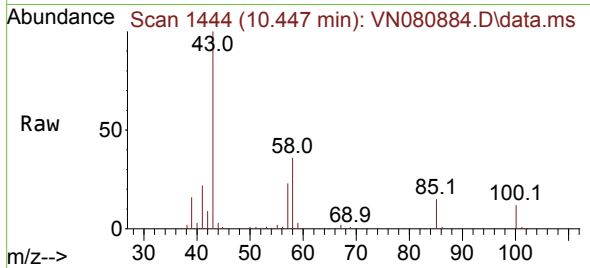
Tgt Ion: 98 Resp: 240701
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 119.602 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

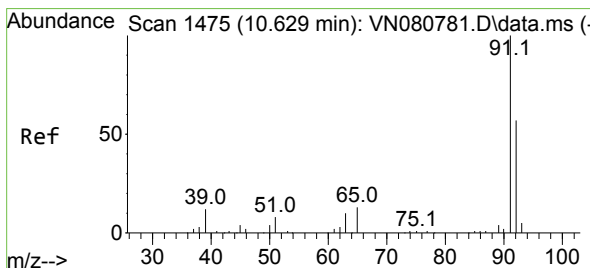
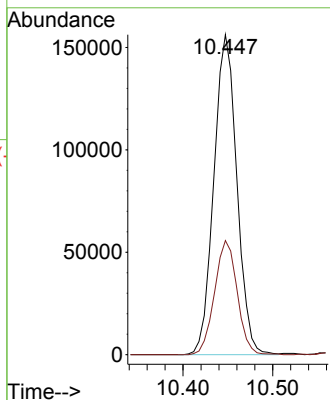
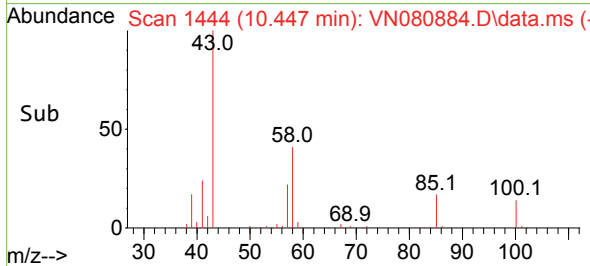
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 43 Resp: 278229
Ion Ratio Lower Upper
43 100
58 35.1 29.4 44.0

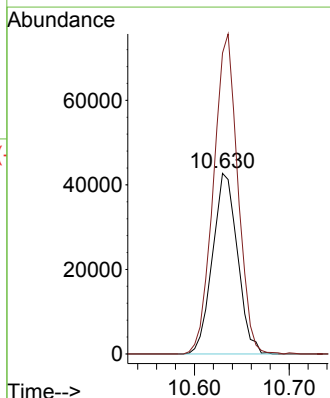
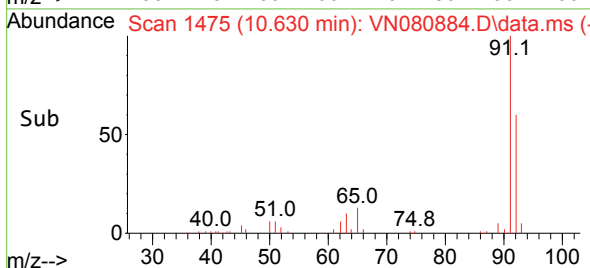
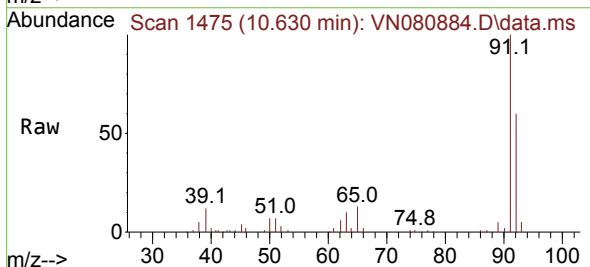
Manual Integrations
APPROVED

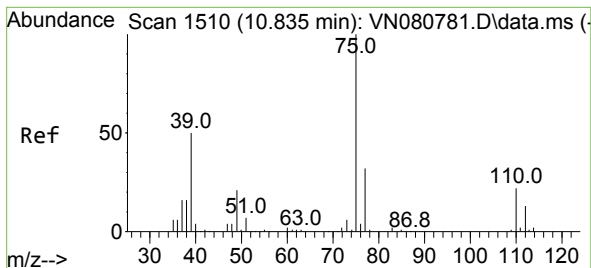
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#52
Toluene
Concen: 20.938 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

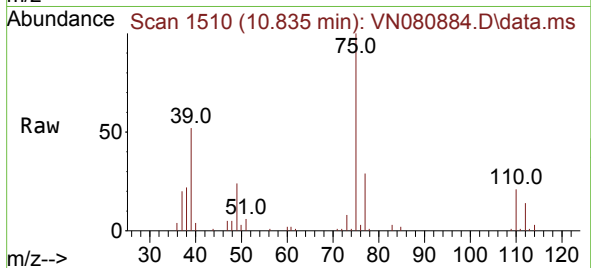
Tgt Ion: 92 Resp: 78342
Ion Ratio Lower Upper
92 100
91 172.5 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 19.896 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

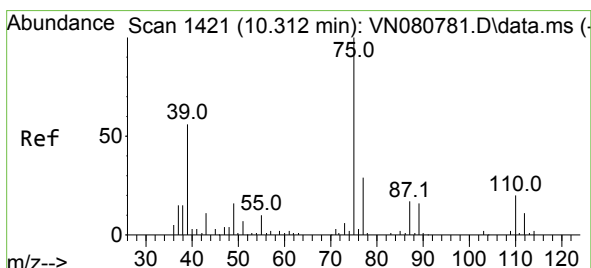
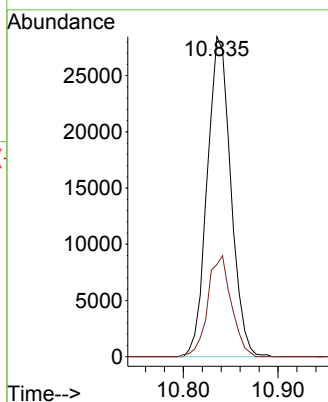
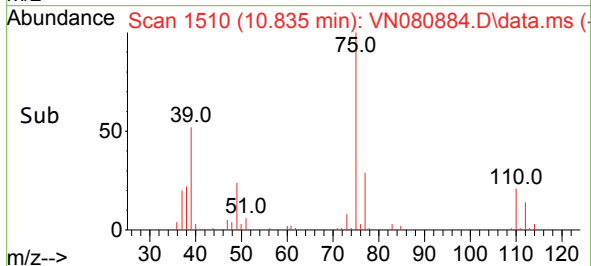
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 75 Resp: 49264
Ion Ratio Lower Upper
75 100
77 28.8 25.5 38.3

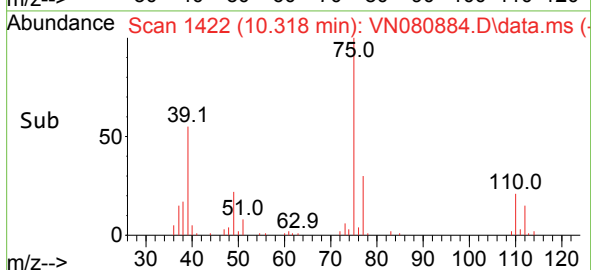
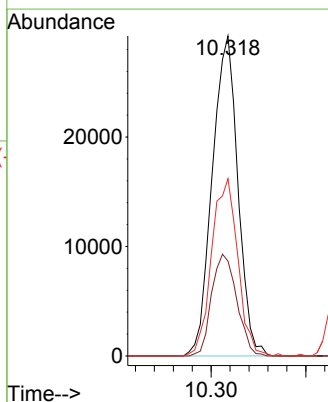
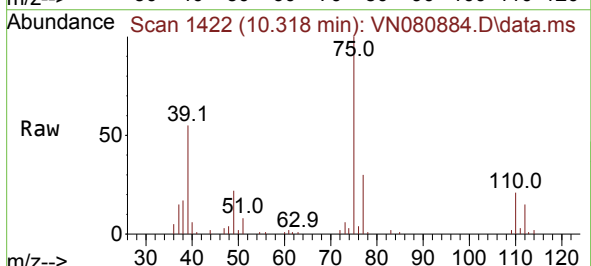
Manual Integrations
APPROVED

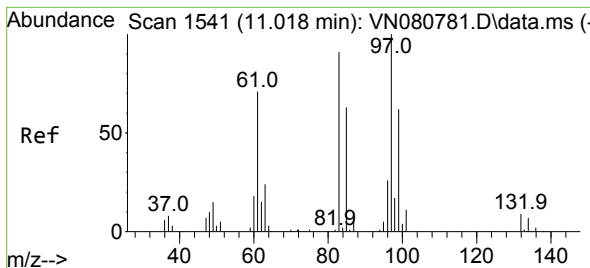
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#54
cis-1,3-Dichloropropene
Concen: 20.389 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

Tgt Ion: 75 Resp: 54899
Ion Ratio Lower Upper
75 100
77 29.6 23.3 34.9
39 55.4 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 22.698 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01

Tgt Ion: 97 Resp: 32639

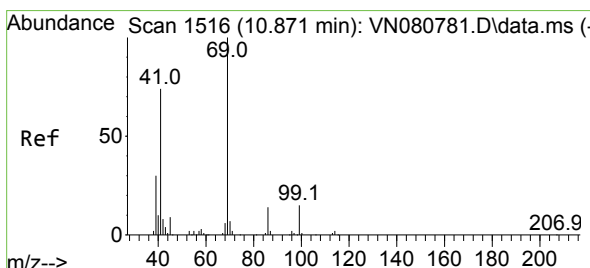
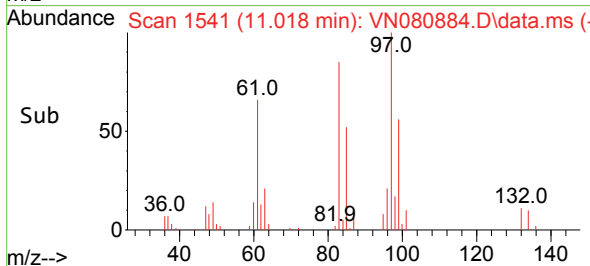
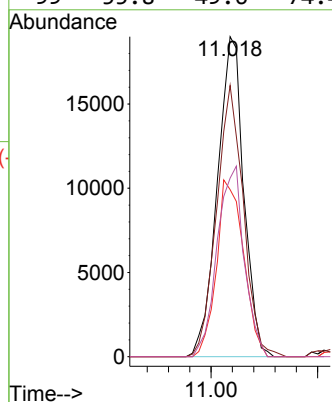
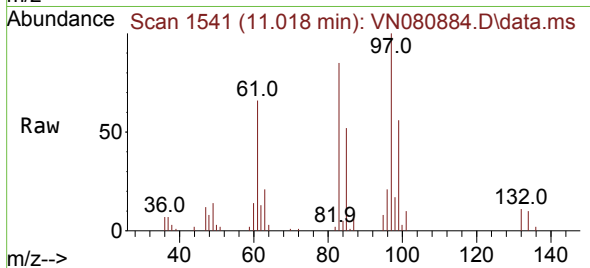
Ion	Ratio	Lower	Upper
97	100		
83	84.8	72.9	109.3
85	52.2	50.2	75.2
99	55.8	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2024

Supervised By :Semsettin Yesilyurt 02/05/2024



#56

Ethyl methacrylate

Concen: 24.288 ug/l

RT: 10.877 min Scan# 1517

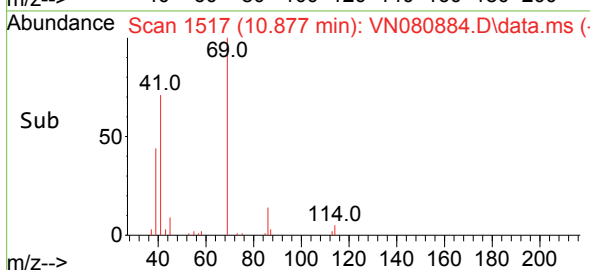
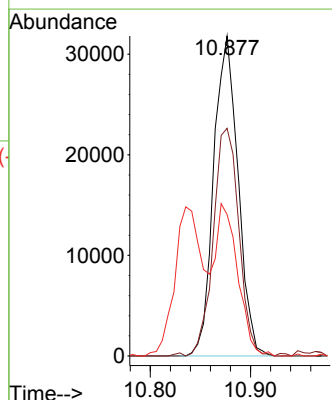
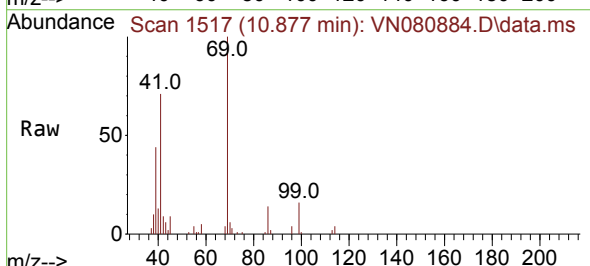
Delta R.T. 0.006 min

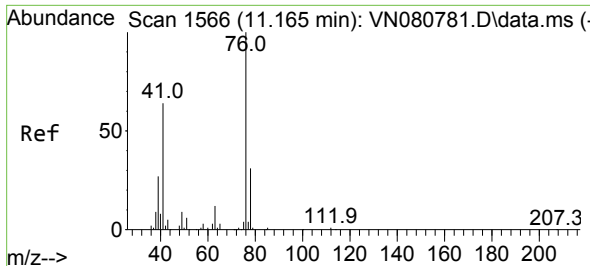
Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Tgt Ion: 69 Resp: 53689

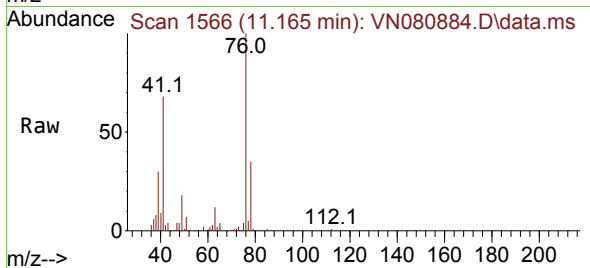
Ion	Ratio	Lower	Upper
69	100		
41	74.8	61.0	91.6
39	43.1	31.8	47.6





#57
1,3-Dichloropropane
Concen: 22.736 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

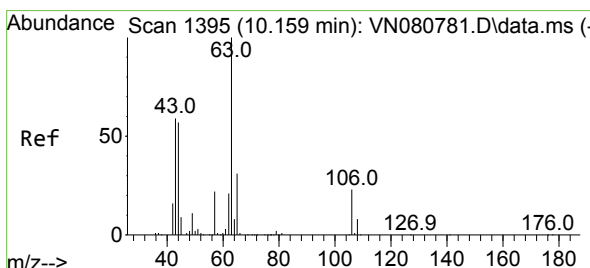
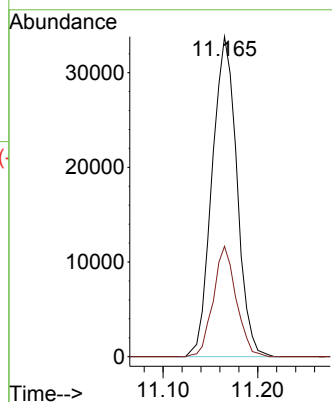
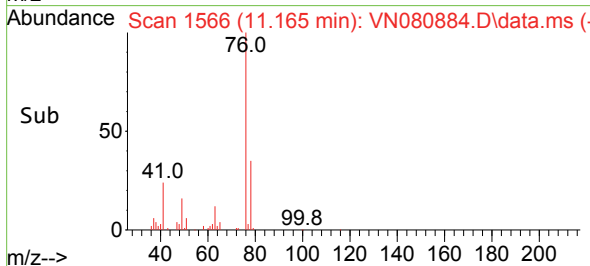
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 76 Resp: 61529
Ion Ratio Lower Upper
76 100
78 31.9 25.5 38.3

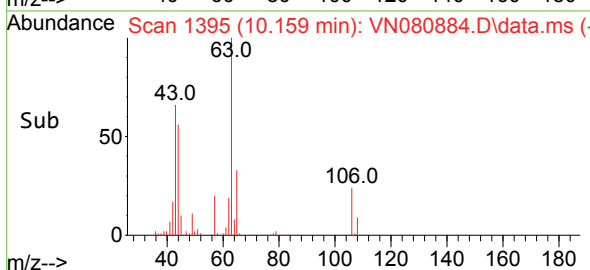
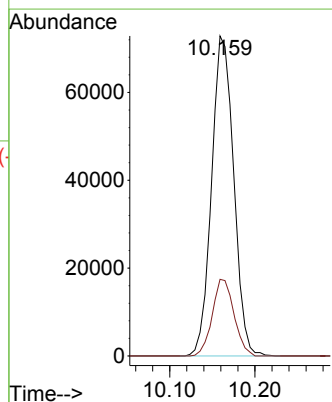
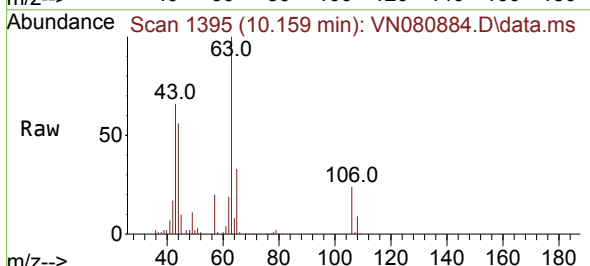
Manual Integrations
APPROVED

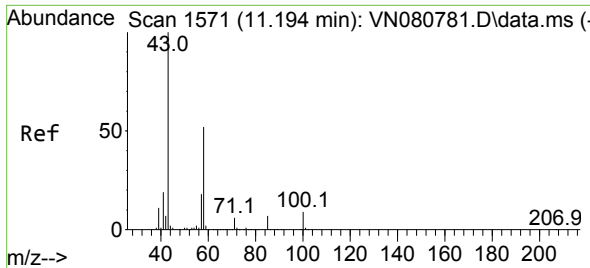
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#58
2-Chloroethyl Vinyl ether
Concen: 102.080 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

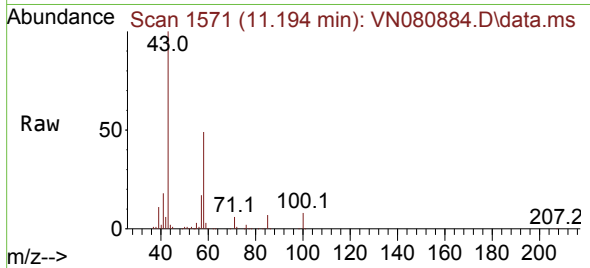
Tgt Ion: 63 Resp: 131544
Ion Ratio Lower Upper
63 100
106 23.5 18.6 28.0





#59
2-Hexanone
Concen: 113.156 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

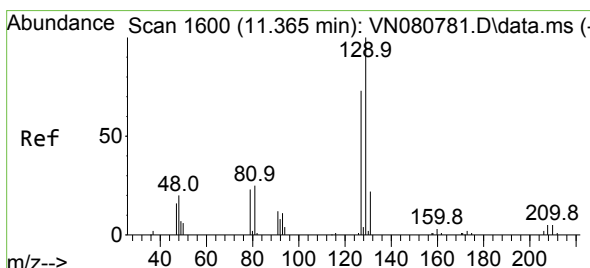
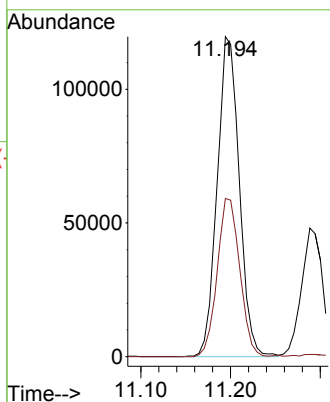
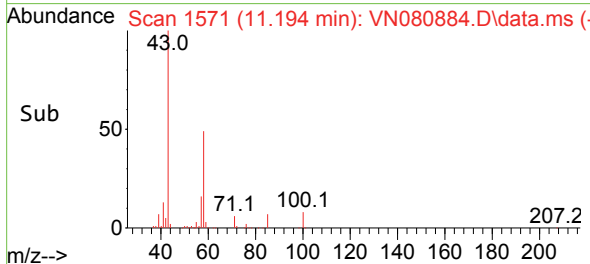
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



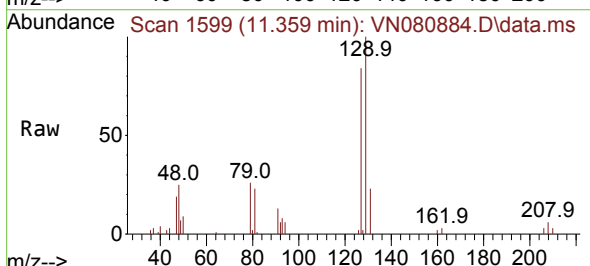
Tgt Ion: 43 Resp: 20447
Ion Ratio Lower Upper
43 100
58 50.4 25.9 77.8

Manual Integrations
APPROVED

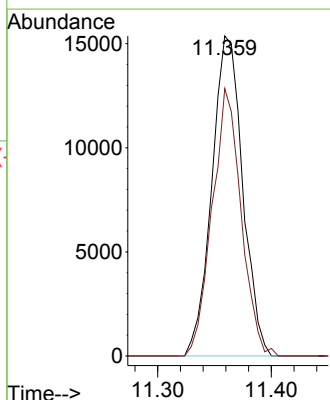
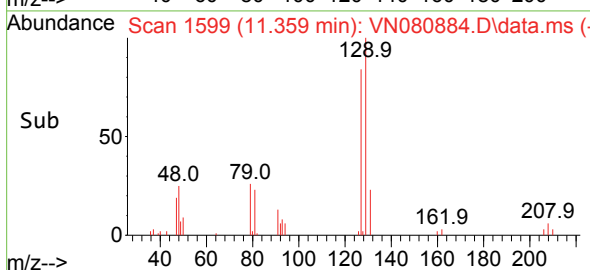
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

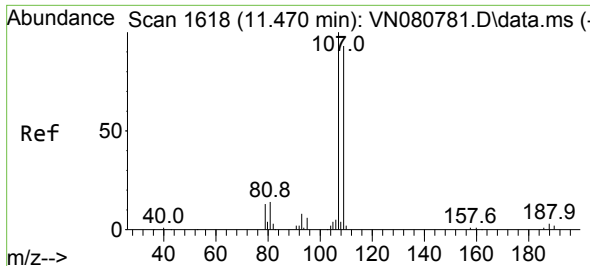


#60
Dibromochloromethane
Concen: 21.649 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27



Tgt Ion:129 Resp: 28956
Ion Ratio Lower Upper
129 100
127 78.6 39.4 118.2





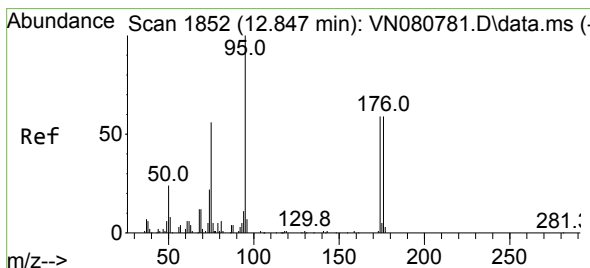
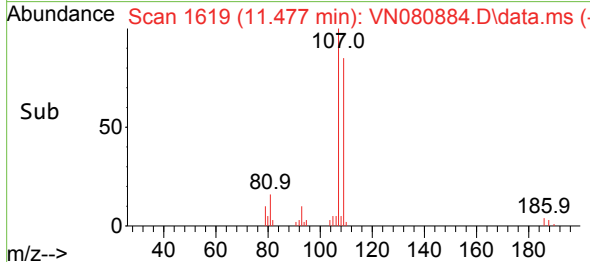
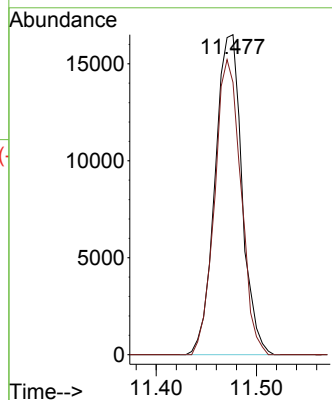
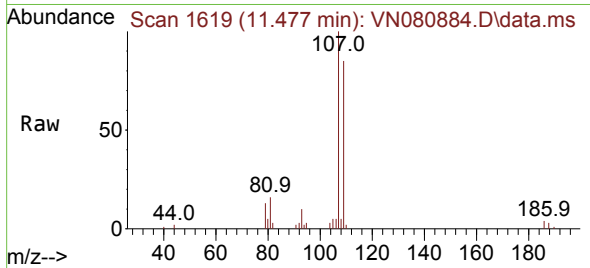
#61
1,2-Dibromoethane
Concen: 22.839 ug/l
RT: 11.477 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01

Tgt Ion:107 Resp: 30779
Ion Ratio Lower Upper
107 100
109 89.9 73.4 110.2

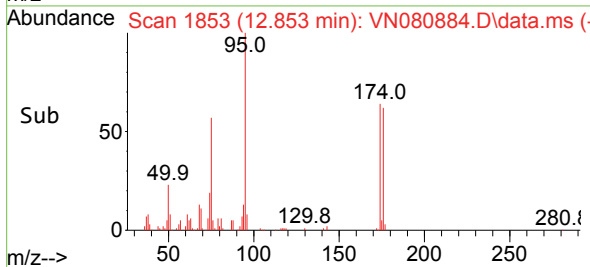
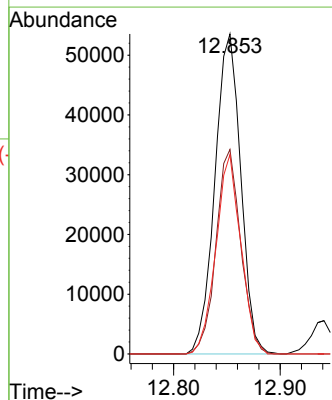
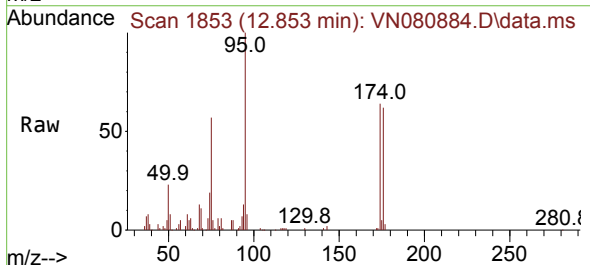
Manual Integrations
APPROVED

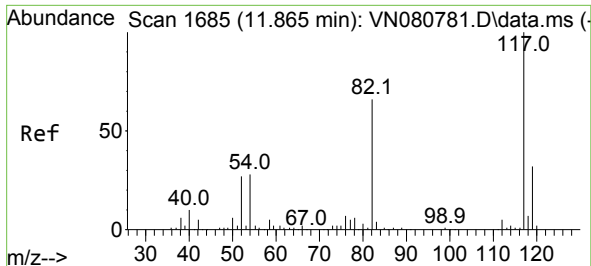
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#62
4-Bromofluorobenzene
Concen: 55.413 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

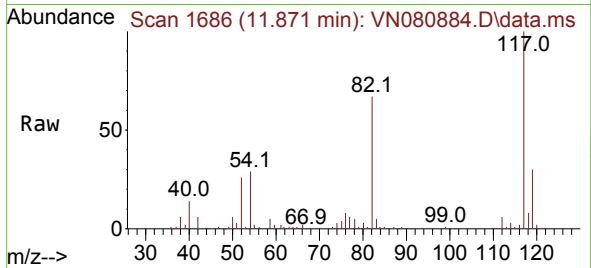
Tgt Ion: 95 Resp: 90283
Ion Ratio Lower Upper
95 100
174 61.3 0.0 120.4
176 60.0 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

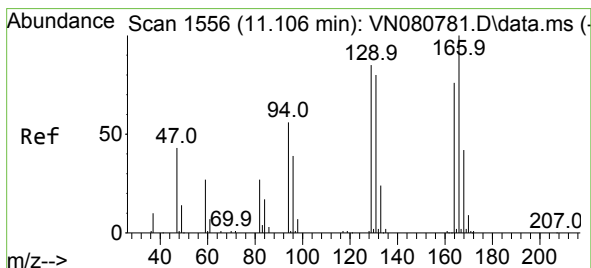
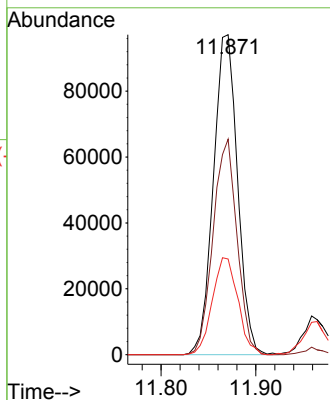
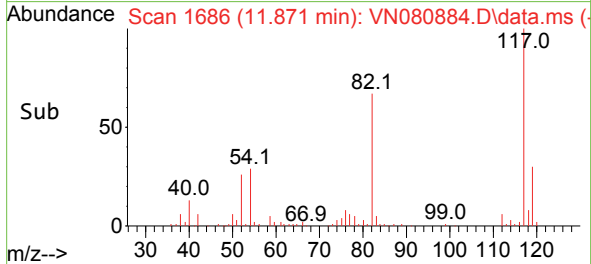
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



Tgt Ion:117 Resp: 172184
Ion Ratio Lower Upper
117 100
82 67.4 52.7 79.1
119 29.9 25.3 37.9

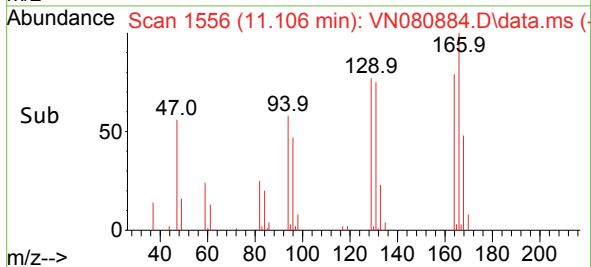
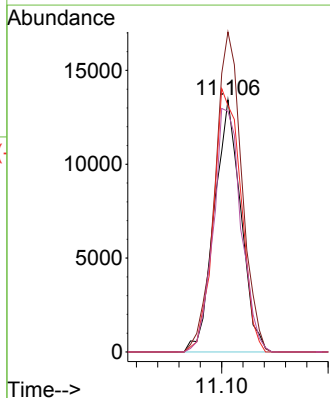
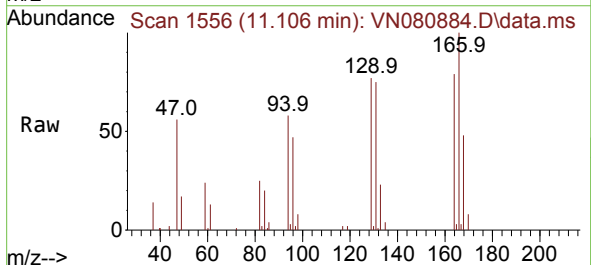
Manual Integrations
APPROVED

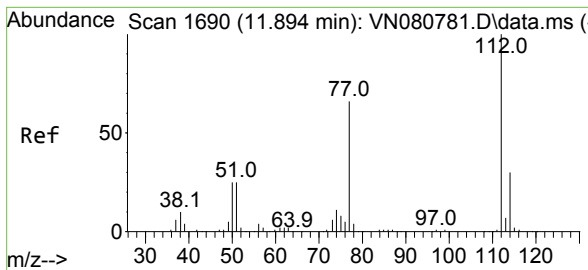
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#64
Tetrachloroethene
Concen: 20.506 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

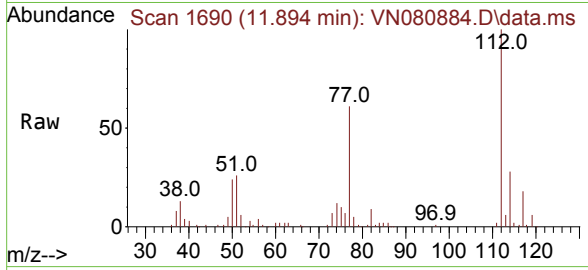
Tgt Ion:164 Resp: 23207
Ion Ratio Lower Upper
164 100
166 126.9 105.8 158.6
129 97.7 89.6 134.4
131 95.5 84.9 127.3





#65
Chlorobenzene
Concen: 21.304 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

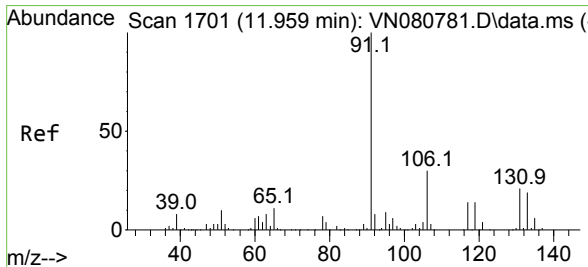
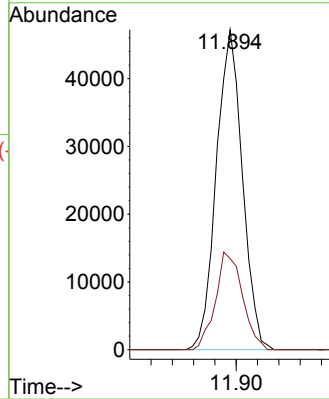
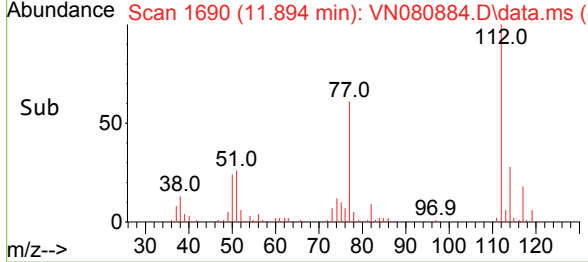
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion:112 Resp: 80060
Ion Ratio Lower Upper
112 100
114 28.5 23.7 35.5

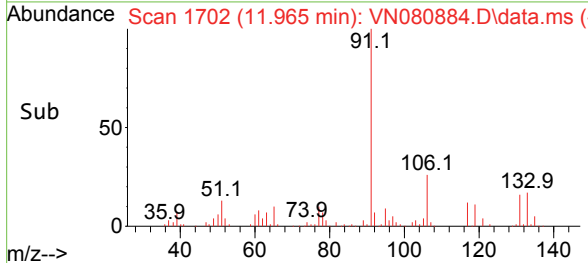
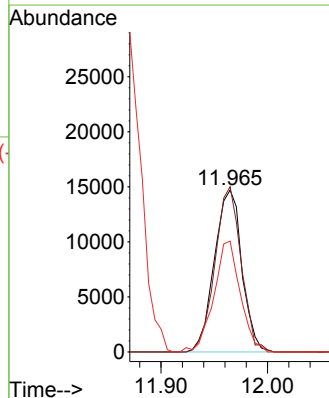
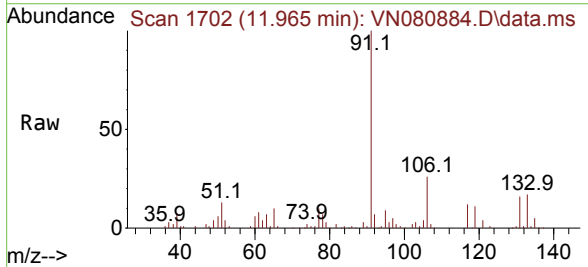
Manual Integrations
APPROVED

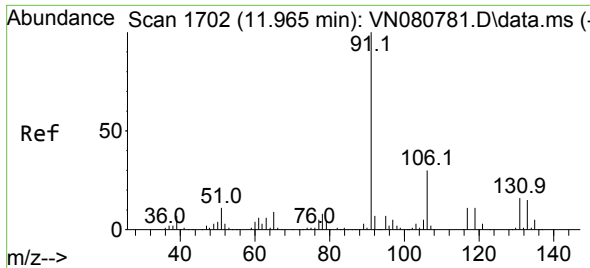
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.537 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

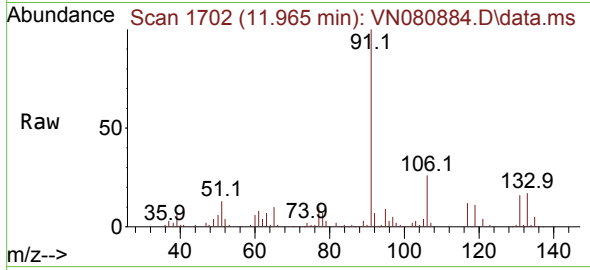
Tgt Ion:131 Resp: 26319
Ion Ratio Lower Upper
131 100
133 96.9 46.8 140.3
119 66.0 34.6 103.9





#67
Ethyl Benzene
Concen: 20.940 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

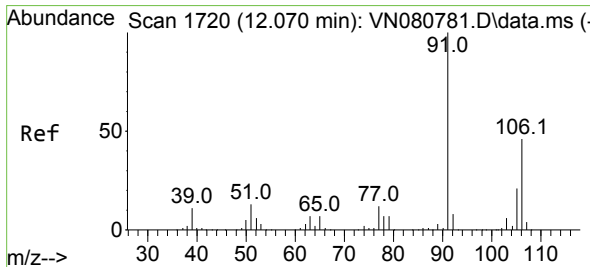
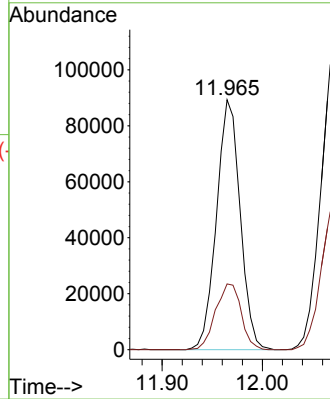
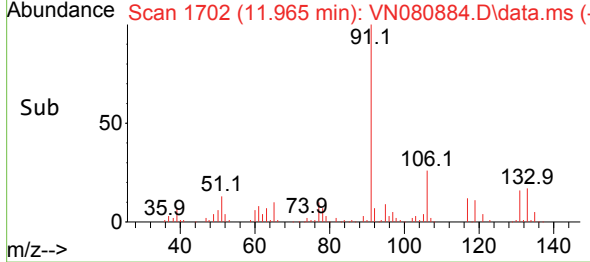
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



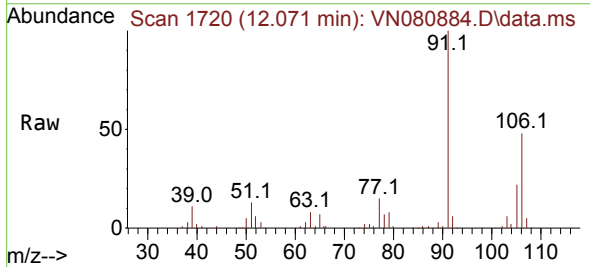
Tgt Ion: 91 Resp: 146258
Ion Ratio Lower Upper
91 100
106 26.3 23.8 35.6

Manual Integrations
APPROVED

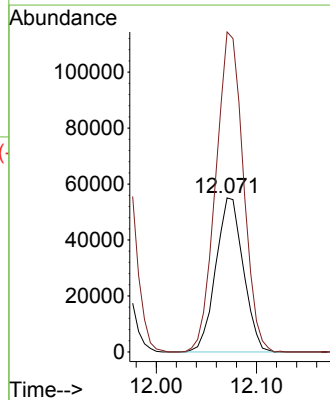
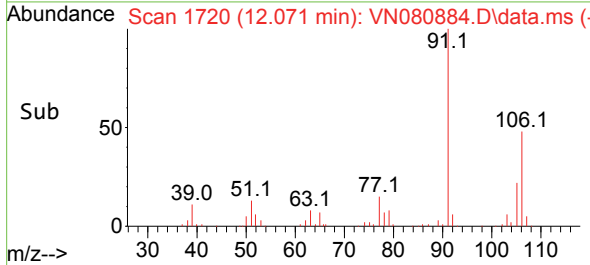
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

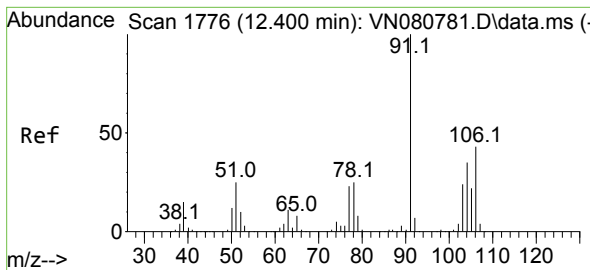


#68
m/p-Xylenes
Concen: 42.236 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27



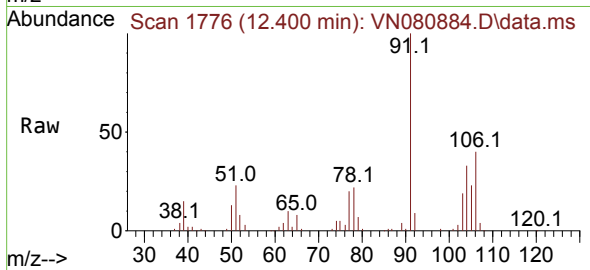
Tgt Ion:106 Resp: 104765
Ion Ratio Lower Upper
106 100
91 208.1 169.0 253.6





#69
o-Xylene
Concen: 20.492 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

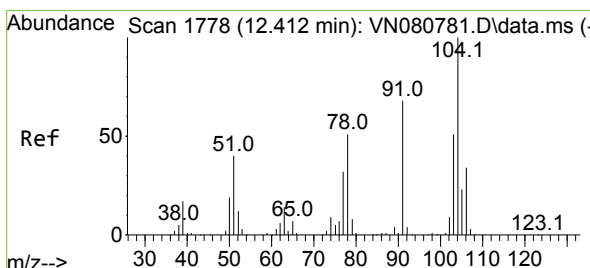
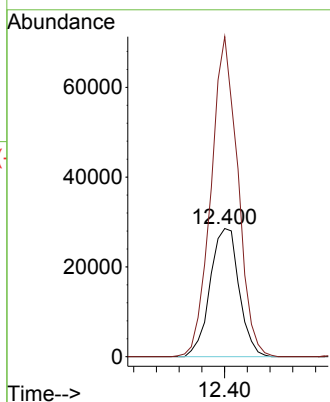
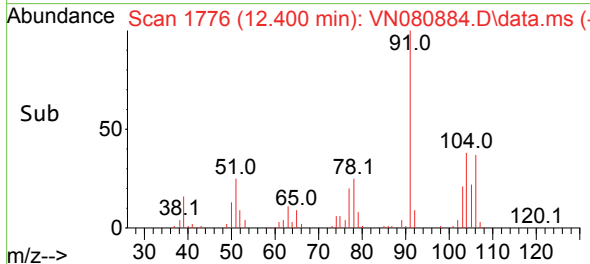
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



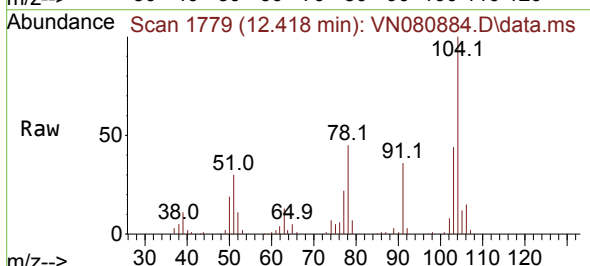
Tgt Ion:106 Resp: 50500
Ion Ratio Lower Upper
106 100
91 231.2 112.1 336.3

Manual Integrations
APPROVED

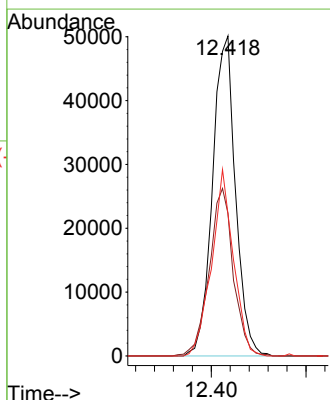
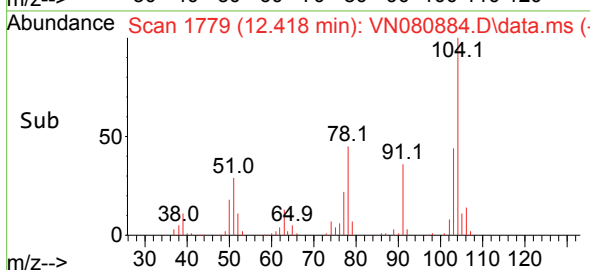
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

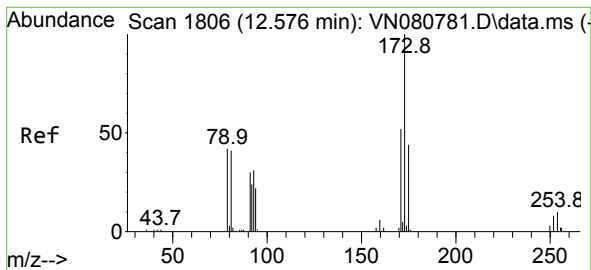


#70
Styrene
Concen: 21.370 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27



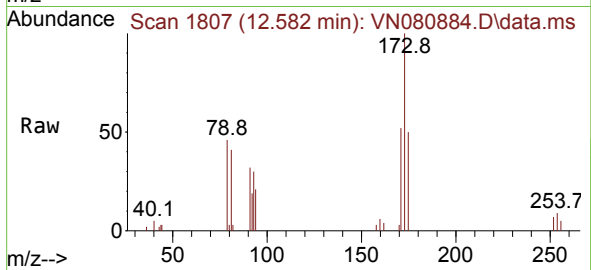
Tgt Ion:104 Resp: 84589
Ion Ratio Lower Upper
104 100
78 54.6 43.8 65.8
103 55.2 44.2 66.2





#71
Bromoform
Concen: 20.449 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

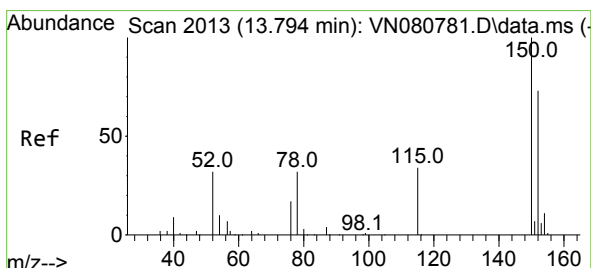
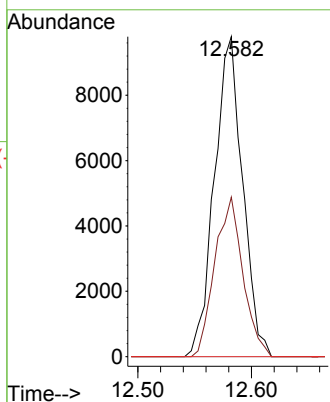
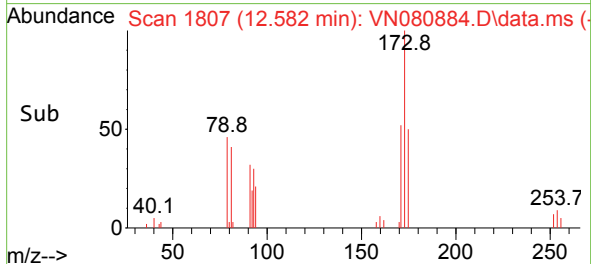
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion:173 Resp: 16890
Ion Ratio Lower Upper
173 100
175 49.6 23.1 69.2
254 0.0 0.0 0.0

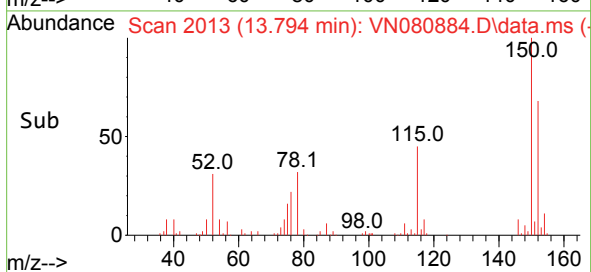
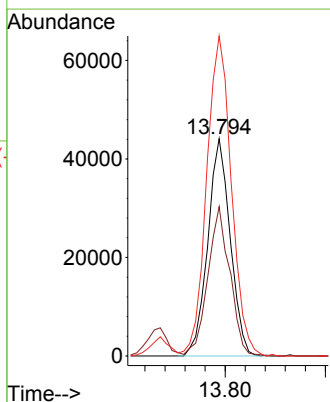
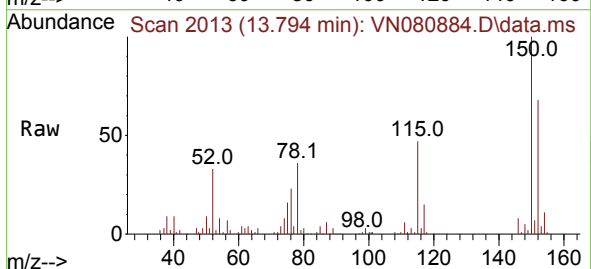
Manual Integrations
APPROVED

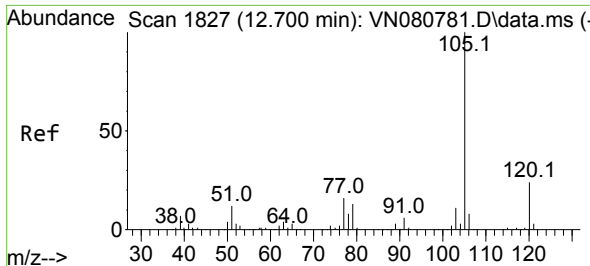
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

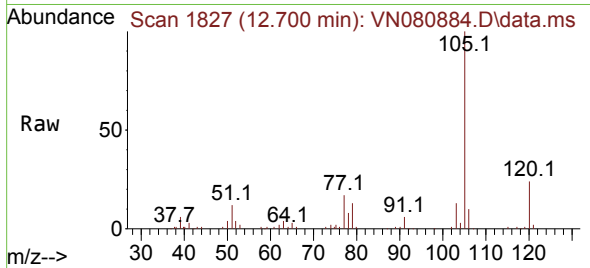
Tgt Ion:152 Resp: 68581
Ion Ratio Lower Upper
152 100
115 67.4 32.3 96.8
150 162.2 0.0 339.8





#73
Isopropylbenzene
Concen: 20.782 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

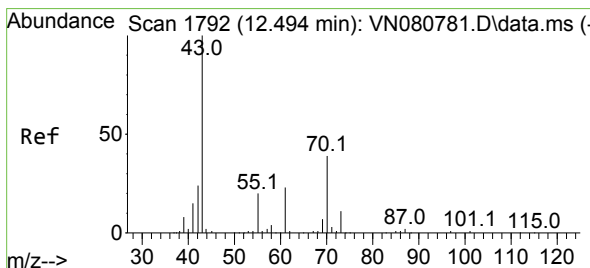
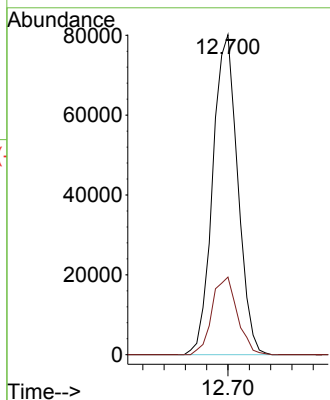
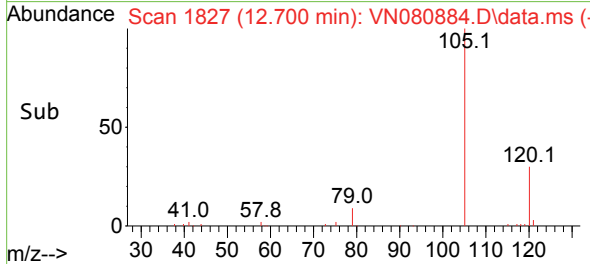
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



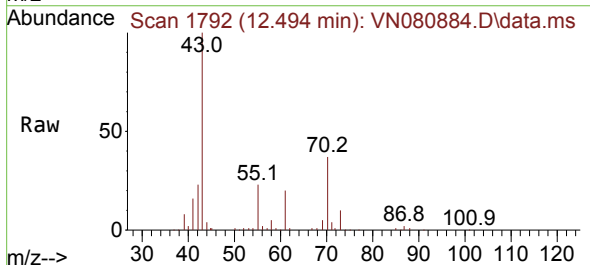
Tgt Ion:105 Resp: 130518
Ion Ratio Lower Upper
105 100
120 24.6 12.6 37.6

Manual Integrations
APPROVED

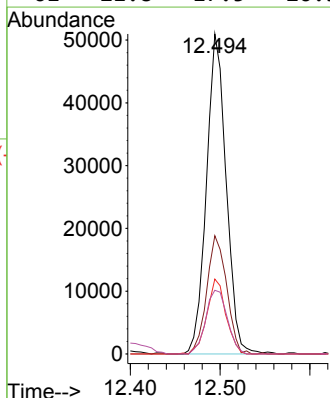
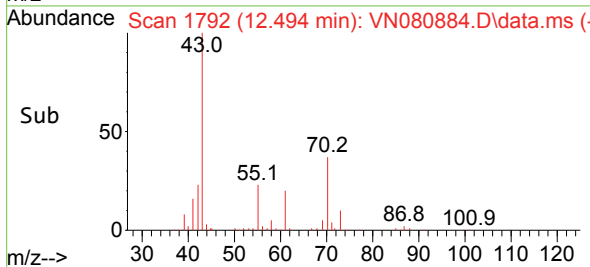
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

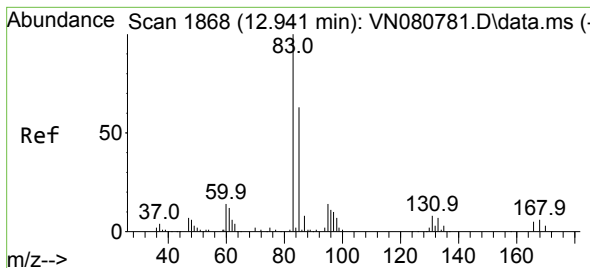


#74
N-ethyl acetate
Concen: 19.988 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27



Tgt Ion: 43 Resp: 77938
Ion Ratio Lower Upper
43 100
70 37.2 30.1 45.1
55 22.6 17.0 25.4
61 21.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.919 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01

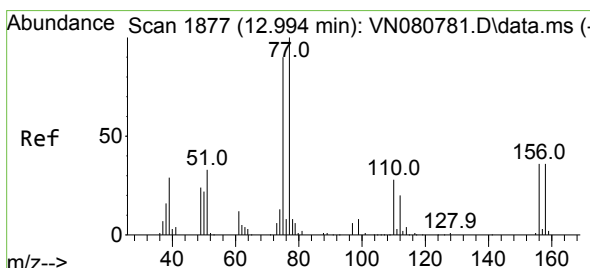
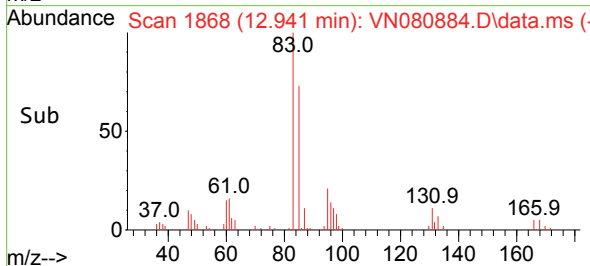
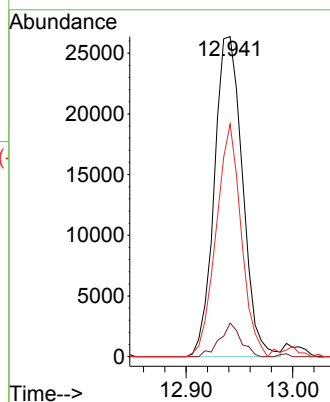
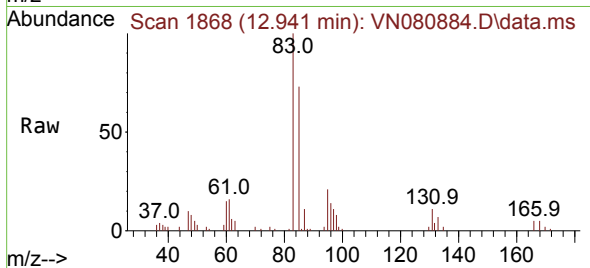
Tgt Ion: 83 Resp: 48424
 Ion Ratio Lower Upper
 83 100
 131 7.9 4.1 12.3
 85 64.7 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/05/2024

Supervised By :Semsettin Yesilyurt 02/05/2024



#76

1,2,3-Trichloropropane

Concen: 22.116 ug/l m

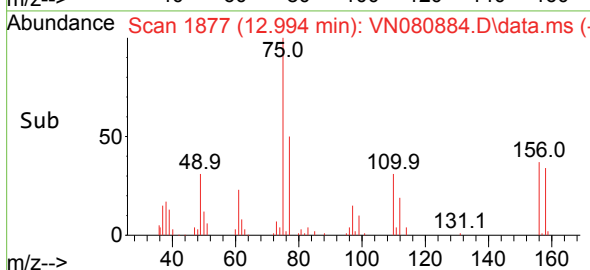
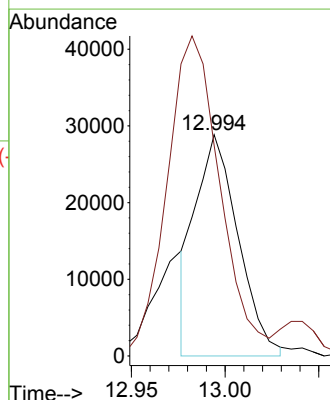
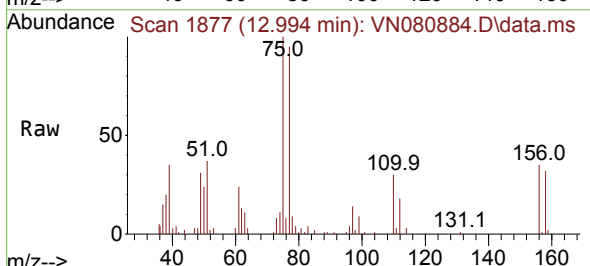
RT: 12.994 min Scan# 1877

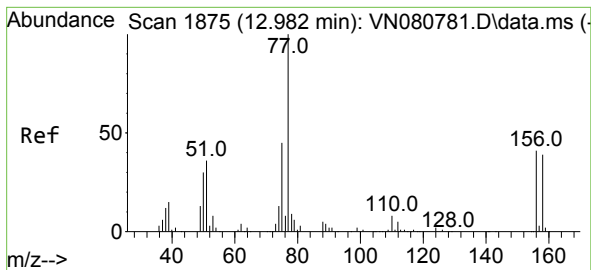
Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Tgt Ion: 75 Resp: 45744
 Ion Ratio Lower Upper
 75 100
 77 179.9 91.0 272.8





#77

Bromobenzene

Concen: 20.957 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBSD01

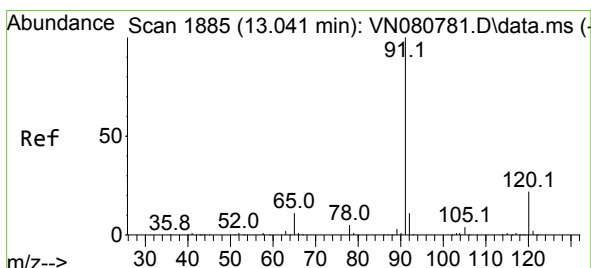
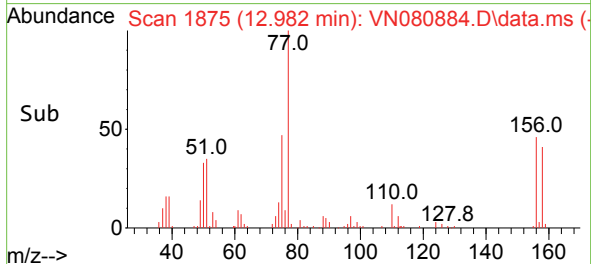
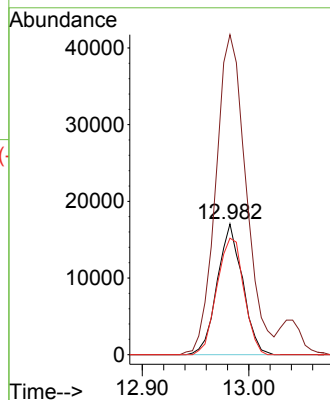
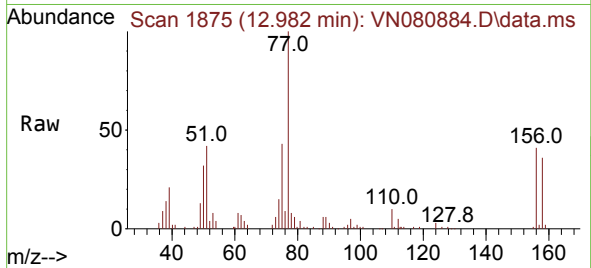
Tgt Ion:	156	Resp:	2813
Ion Ratio	Lower	Upper	
156	100		
77	292.5	138.1	414.3
158	94.9	46.5	139.5

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#78

n-propylbenzene

Concen: 22.398 ug/l

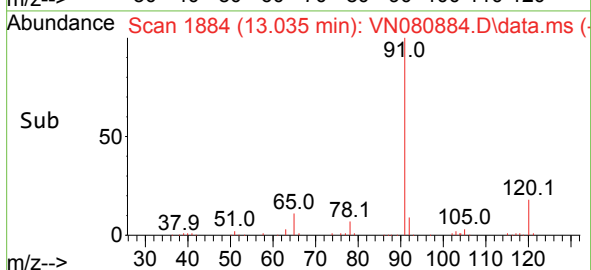
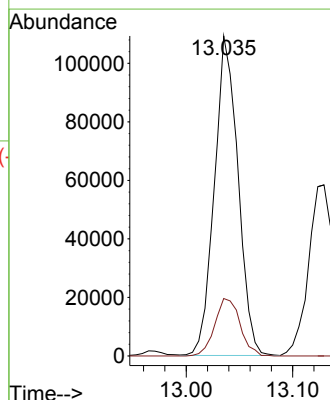
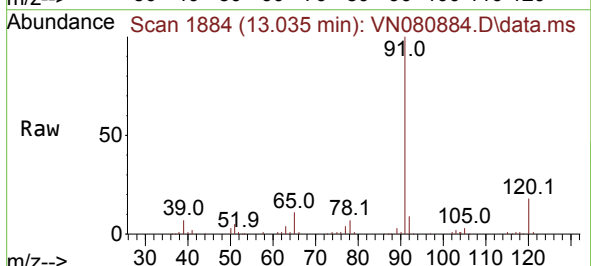
RT: 13.035 min Scan# 1884

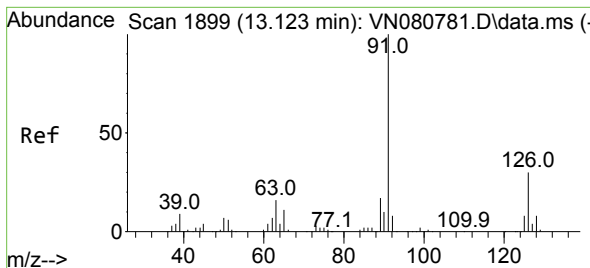
Delta R.T. -0.006 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

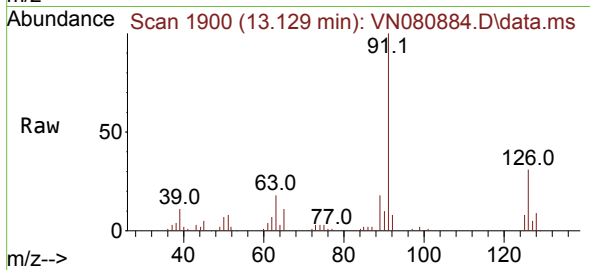
Tgt Ion:	91	Resp:	168049
Ion Ratio	Lower	Upper	
91	100		
120	19.3	10.3	30.9





#79
2-Chlorotoluene
Concen: 21.127 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

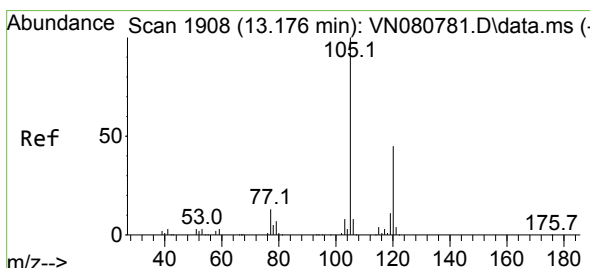
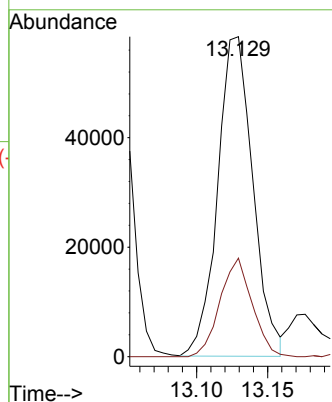
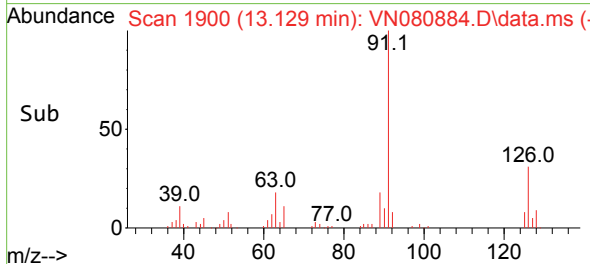
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01



Tgt Ion: 91 Resp: 100749
Ion Ratio Lower Upper
91 100
126 28.1 14.8 44.4

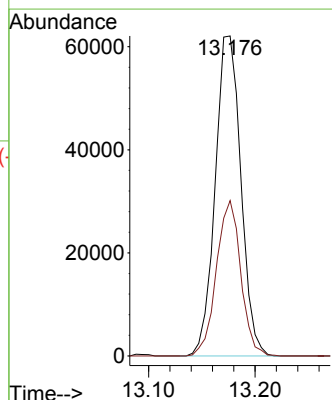
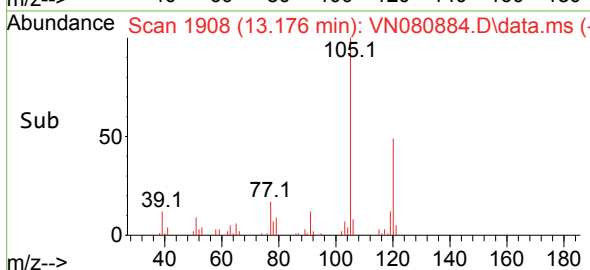
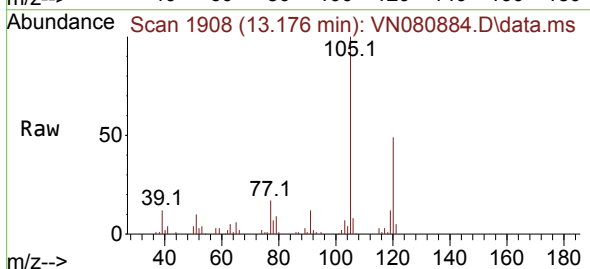
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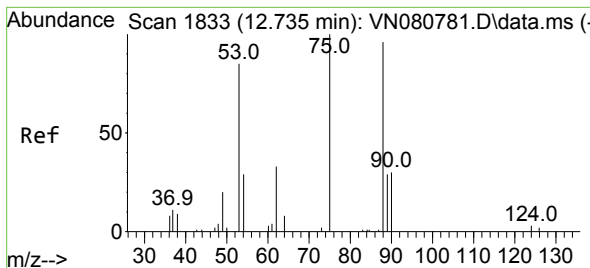
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.760 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

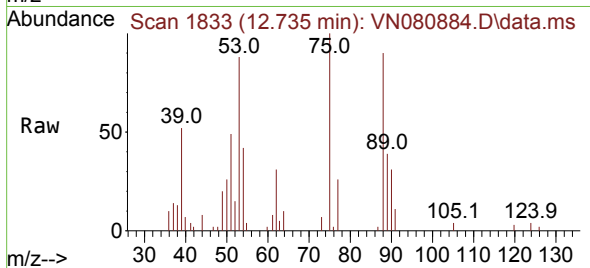
Tgt Ion:105 Resp: 103835
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.893 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

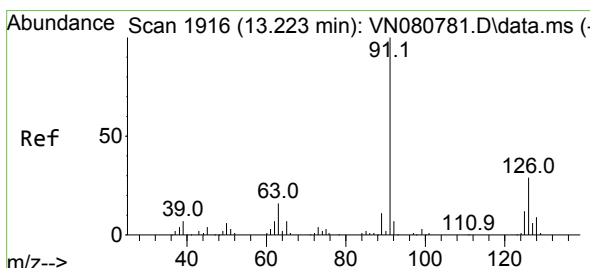
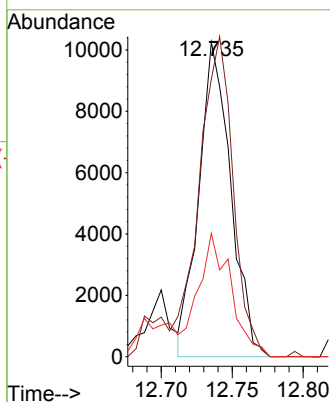
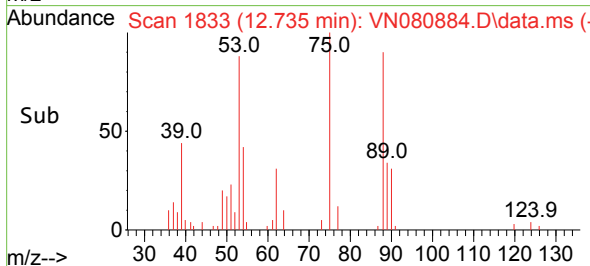
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



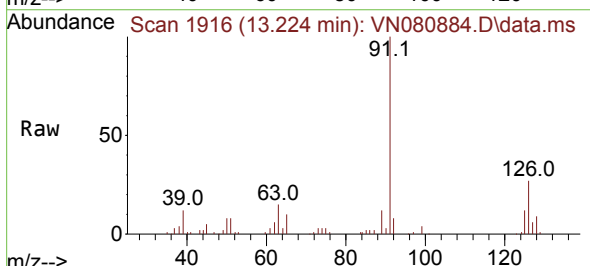
Tgt Ion: 75 Resp: 15972
Ion Ratio Lower Upper
75 100
53 108.5 71.4 107.2
89 40.4 33.4 50.0

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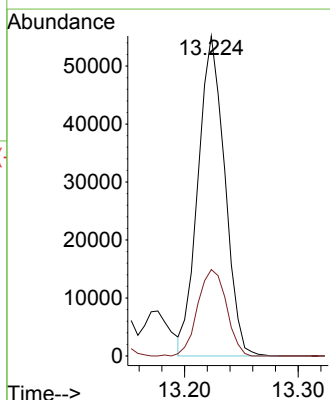
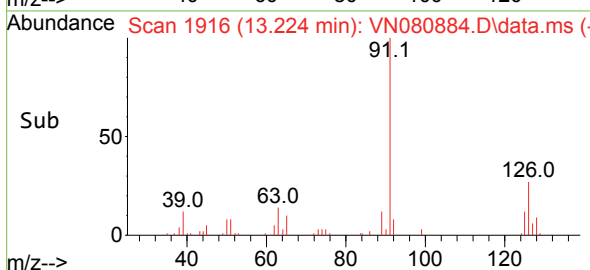
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

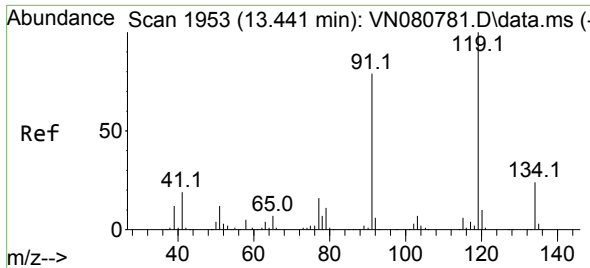


#82
4-Chlorotoluene
Concen: 19.087 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27



Tgt Ion: 91 Resp: 90125
Ion Ratio Lower Upper
91 100
126 29.0 15.3 45.9





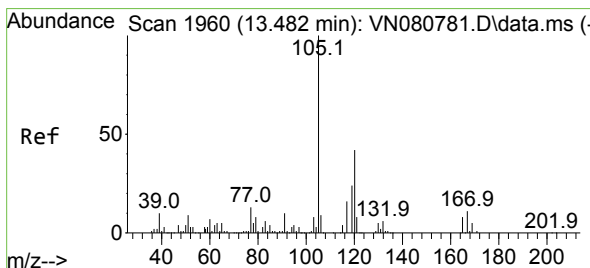
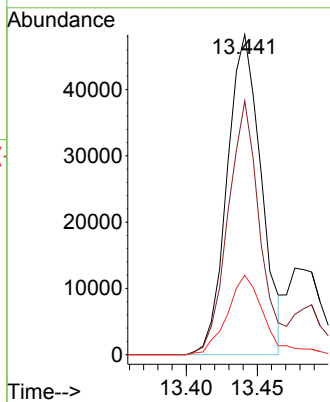
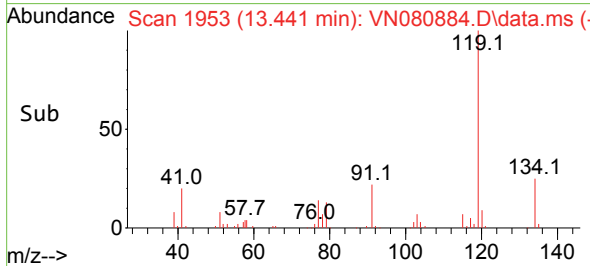
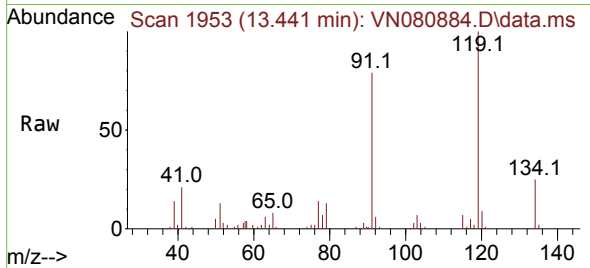
#83
tert-Butylbenzene
Concen: 20.123 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01

Tgt Ion:119 Resp: 80372
Ion Ratio Lower Upper
119 100
91 74.8 36.8 110.4
134 27.0 12.4 37.4

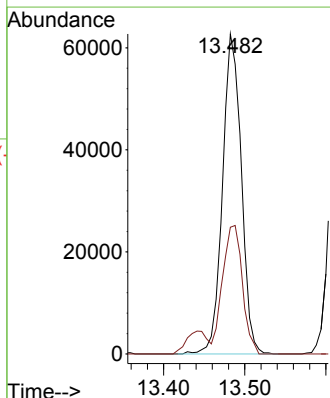
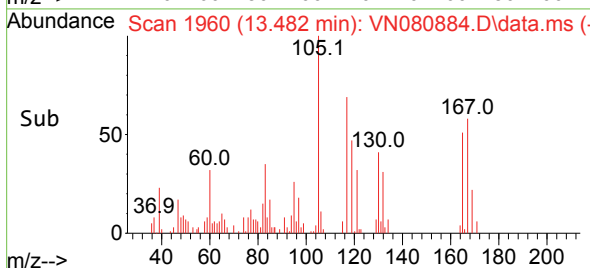
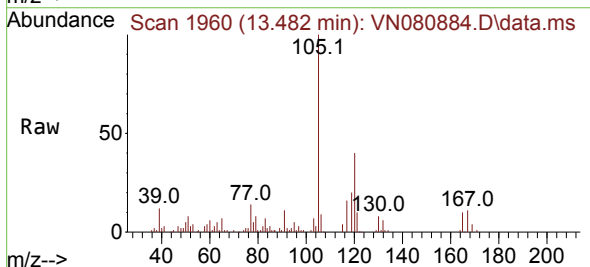
Manual Integrations
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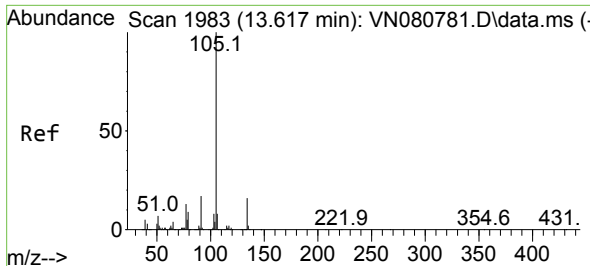
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.905 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

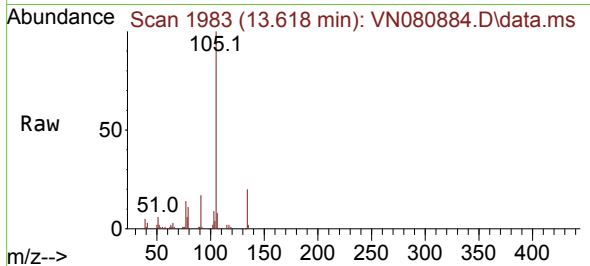
Tgt Ion:105 Resp: 100872
Ion Ratio Lower Upper
105 100
120 42.4 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 20.353 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080884.D
 Acq: 02 Feb 2024 19:27

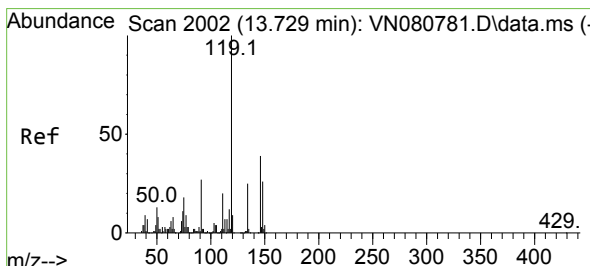
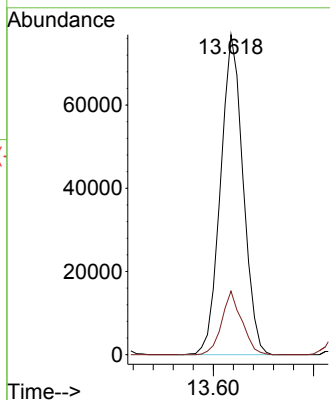
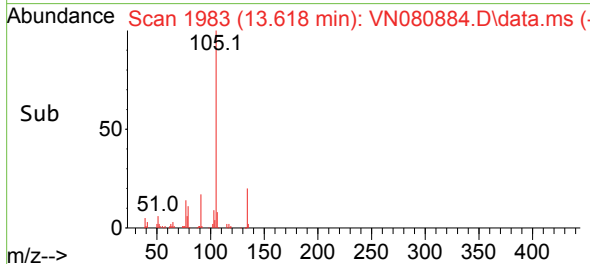
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBSD01



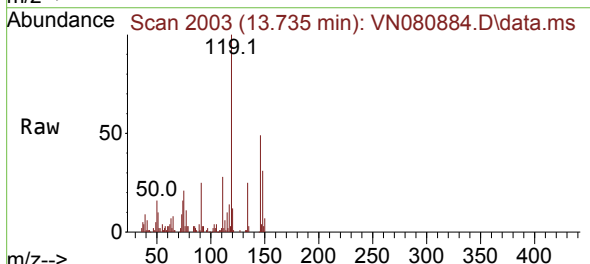
Tgt Ion:105 Resp: 119849
 Ion Ratio Lower Upper
 105 100
 134 17.7 8.6 25.8

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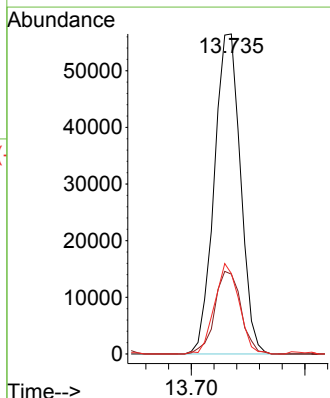
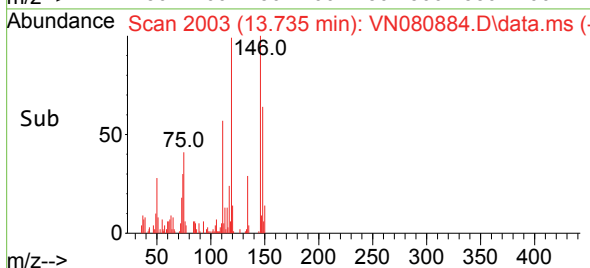
Reviewed By :John Carlone 02/05/2024
 Supervised By :Semsettin Yesilyurt 02/05/2024

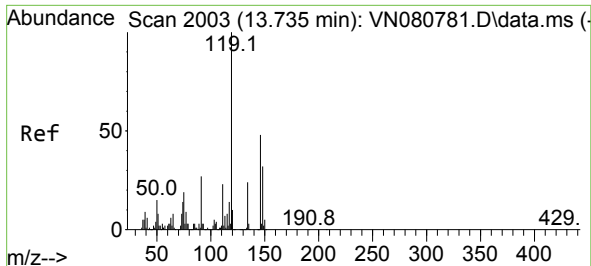


#86
 p-Isopropyltoluene
 Concen: 19.808 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080884.D
 Acq: 02 Feb 2024 19:27



Tgt Ion:119 Resp: 90643
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.4 37.2
 91 26.3 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 20.678 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080884.D

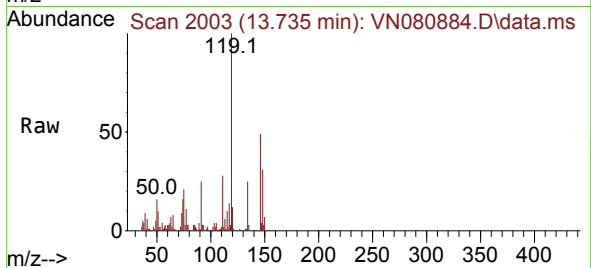
Acq: 02 Feb 2024 19:27

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBS01



Tgt Ion:146 Resp: 4965

Ion Ratio Lower Upper

146 100

111 46.6 23.9 71.7

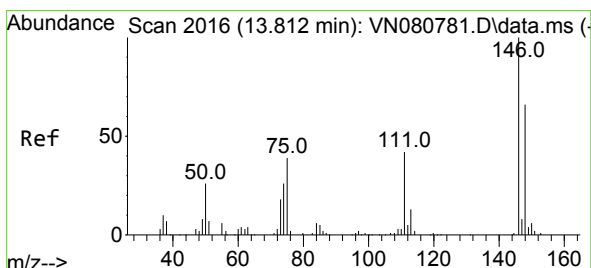
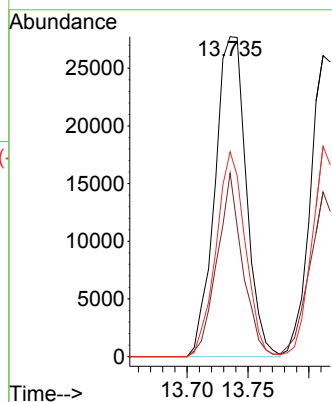
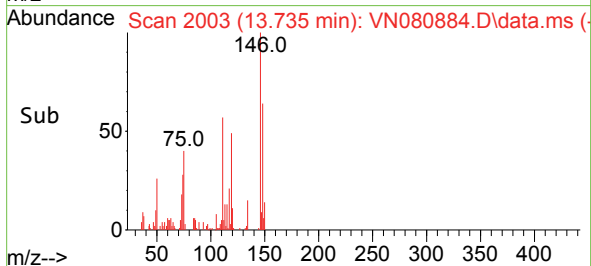
148 59.9 32.6 97.7

Manual Integrations

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#88

1,4-Dichlorobenzene

Concen: 18.771 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080884.D

Acq: 02 Feb 2024 19:27

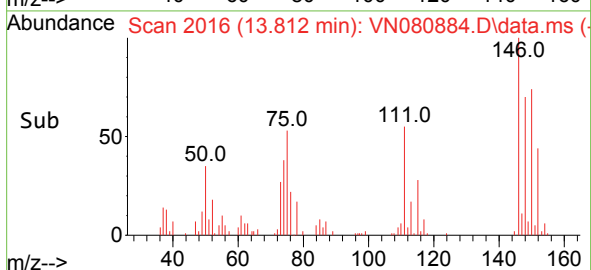
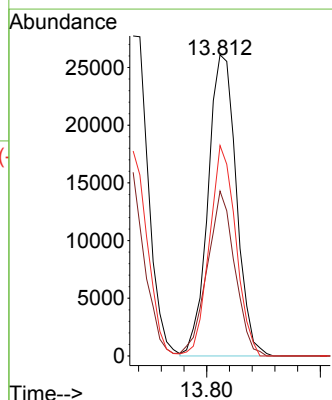
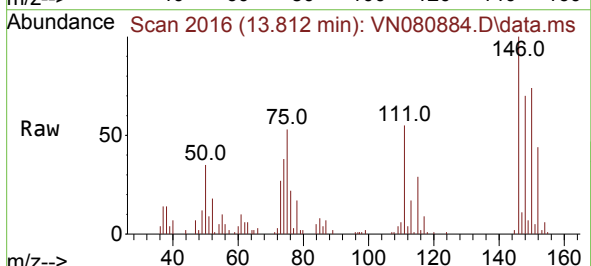
Tgt Ion:146 Resp: 45191

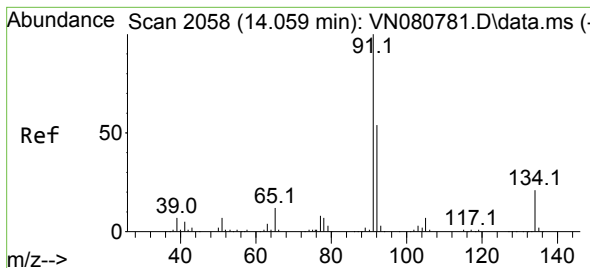
Ion Ratio Lower Upper

146 100

111 53.4 22.6 67.7

148 65.0 31.9 95.5





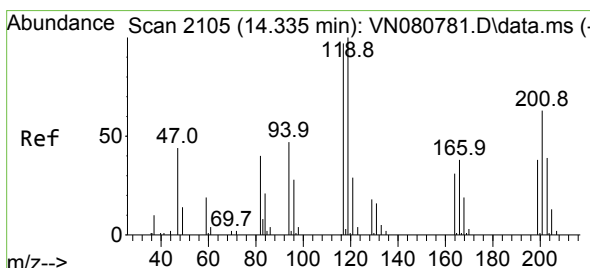
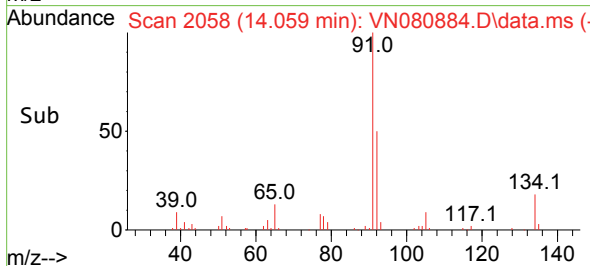
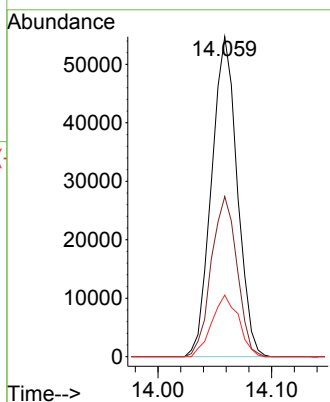
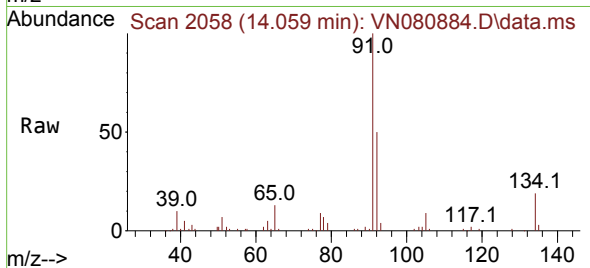
#89
n-Butylbenzene
Concen: 19.182 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01

Tgt Ion: 91 Resp: 8590
Ion Ratio Lower Upper
91 100
92 50.2 26.7 80.1
134 20.2 10.8 32.4

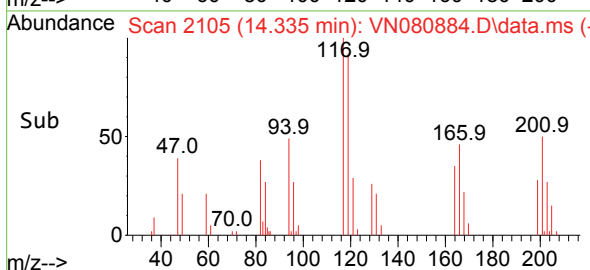
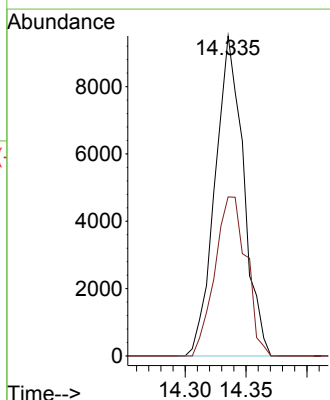
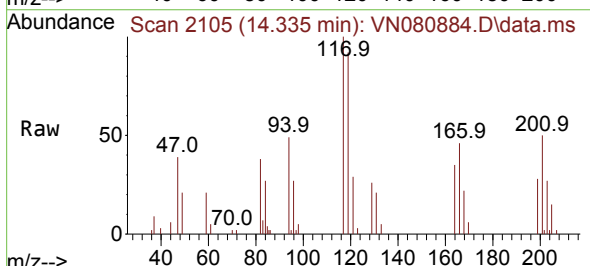
Manual Integrations
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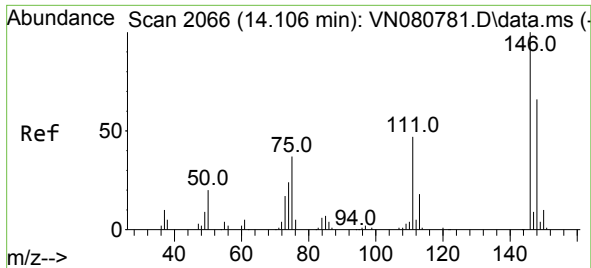
Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#90
Hexachloroethane
Concen: 19.319 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

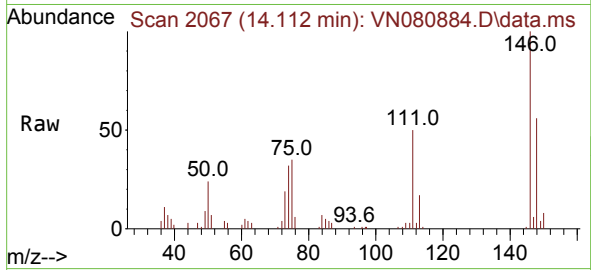
Tgt Ion:117 Resp: 15469
Ion Ratio Lower Upper
117 100
201 55.1 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 21.623 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

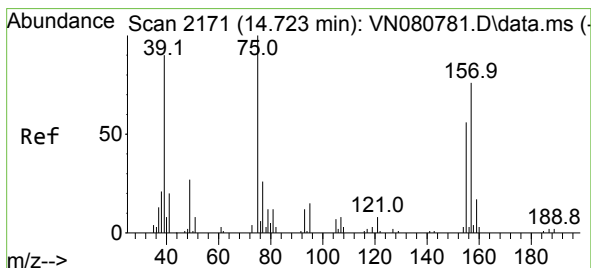
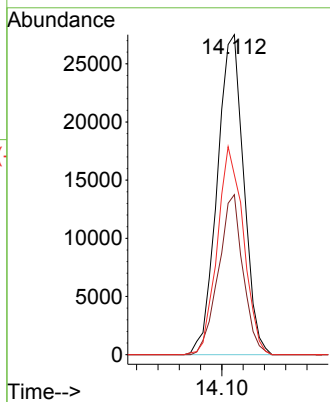
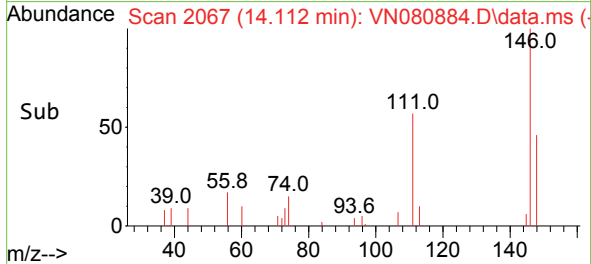
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



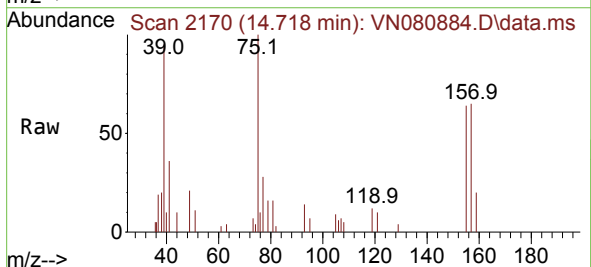
Tgt Ion:146 Resp: 4752
Ion Ratio Lower Upper
146 100
111 46.4 23.9 71.8
148 64.0 31.4 94.0

Manual Integrations
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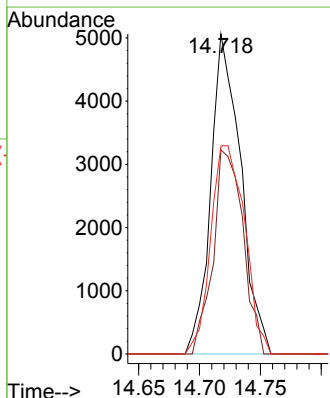
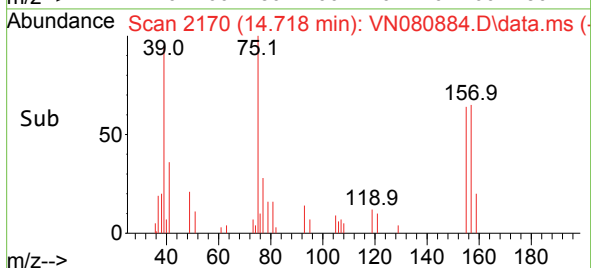
Reviewed By :John Carlone 02/05/2024
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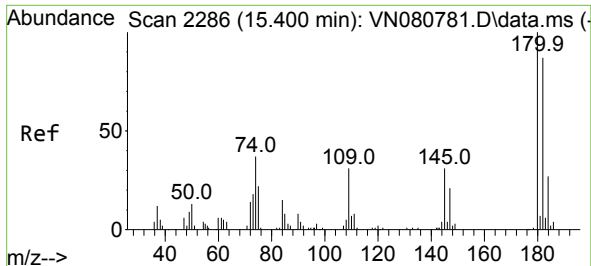


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.919 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27



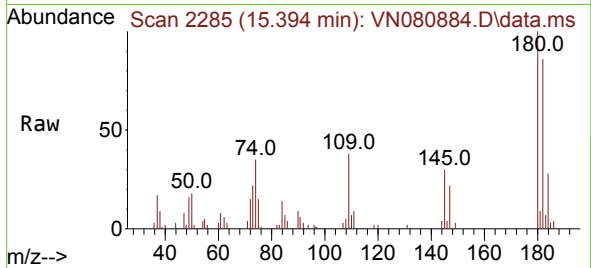
Tgt Ion: 75 Resp: 8638
Ion Ratio Lower Upper
75 100
155 63.8 31.8 95.4
157 74.0 41.1 123.4





#93
 1,2,4-Trichlorobenzene
 Concen: 18.779 ug/l
 RT: 15.394 min Scan# 2124
 Delta R.T. -0.006 min
 Lab File: VN080884.D
 Acq: 02 Feb 2024 19:27

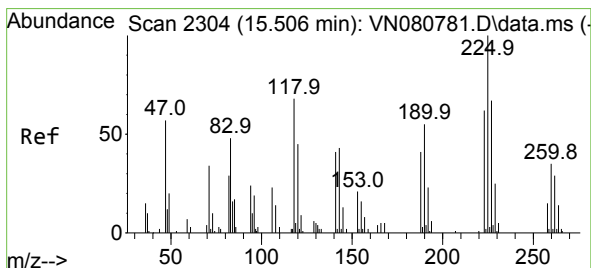
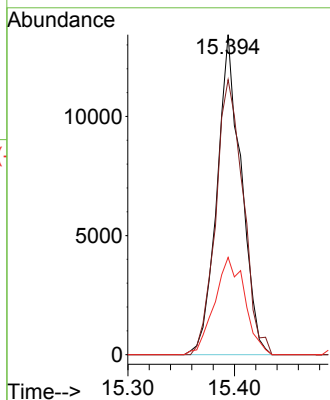
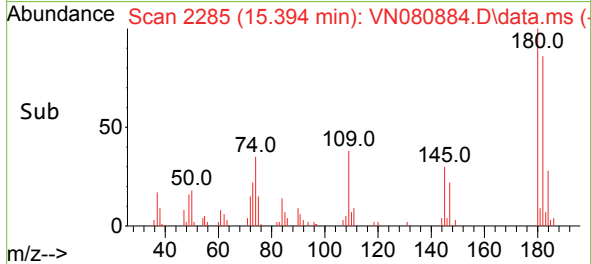
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBS01



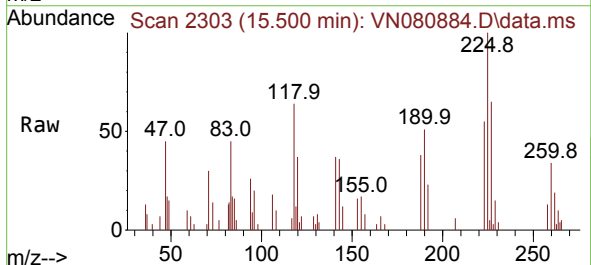
Tgt Ion:180 Resp: 2124
 Ion Ratio Lower Upper
 180 100
 182 96.9 46.6 139.7
 145 38.0 16.8 50.3

Manual Integrations
 APPROVED

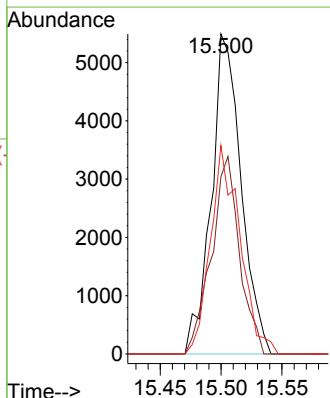
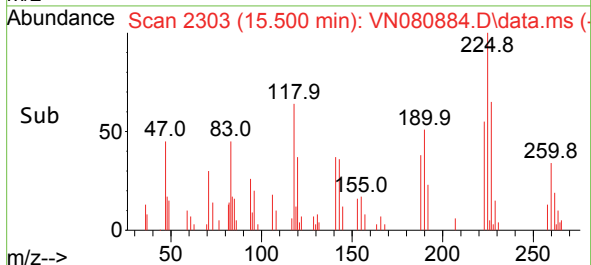
Reviewed By :John Carlone 02/05/2024
 Supervised By :Semsettin Yesilyurt 02/05/2024

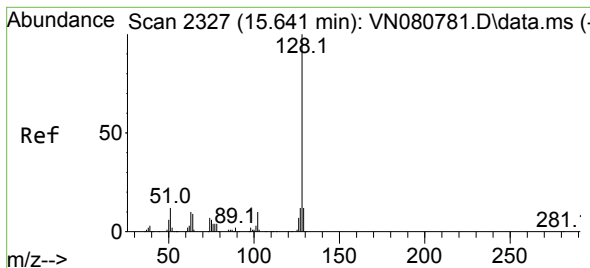


#94
 Hexachlorobutadiene
 Concen: 18.919 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN080884.D
 Acq: 02 Feb 2024 19:27



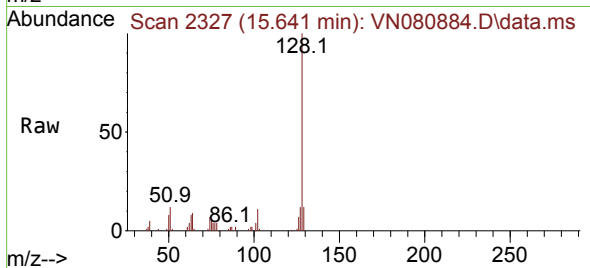
Tgt Ion:225 Resp: 9350
 Ion Ratio Lower Upper
 225 100
 223 58.4 33.3 99.8
 227 64.7 33.1 99.2





#95
Naphthalene
Concen: 19.651 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

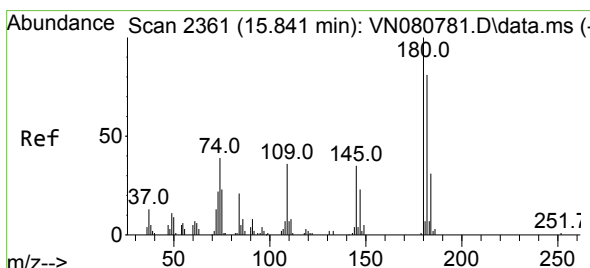
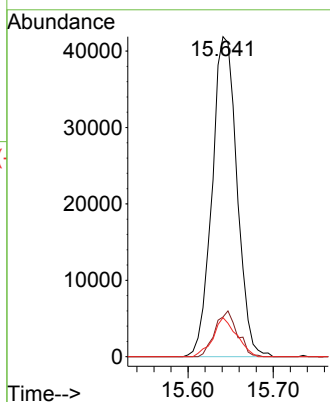
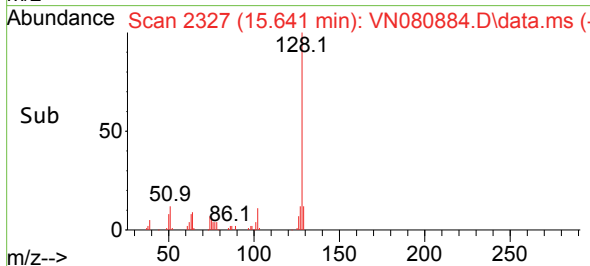
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBS01



Tgt Ion:128 Resp: 8506
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carbone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.869 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080884.D
Acq: 02 Feb 2024 19:27

Tgt Ion:180 Resp: 20981
Ion Ratio Lower Upper
180 100
182 105.0 46.5 139.3
145 40.6 17.8 53.4

