

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081639.D
 Acq On : 01 Apr 2024 11:00
 Operator : JC\MD
 Sample : VN0401WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2024
 Supervised By : Mahesh Dadoda 04/02/2024

Quant Time: Apr 02 01:11:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	325018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	572922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	525267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	220418	53.179	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.360%			
35) Dibromofluoromethane	8.171	113	195822	54.158	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.320%			
50) Toluene-d8	10.565	98	670922	51.331	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	12.847	95	239598	52.024	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 104.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69851	15.961	ug/l	95
3) Chloromethane	2.359	50	73488	16.866	ug/l	96
4) Vinyl Chloride	2.518	62	88139	18.024	ug/l	94
5) Bromomethane	2.953	94	55244	15.974	ug/l	96
6) Chloroethane	3.118	64	50658	15.088	ug/l	99
7) Trichlorofluoromethane	3.500	101	139216	19.102	ug/l	95
8) Diethyl Ether	3.965	74	44269	18.354	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.365	101	80016	19.323	ug/l #	89
10) Methyl Iodide	4.595	142	75506	18.310	ug/l	95
11) Tert butyl alcohol	5.518	59	65663	90.907	ug/l #	72
12) 1,1-Dichloroethene	4.336	96	68591	17.882	ug/l #	79
13) Acrolein	4.177	56	50811	78.394	ug/l	97
14) Allyl chloride	5.018	41	83520	17.377	ug/l #	84
15) Acrylonitrile	5.712	53	184344	95.398	ug/l	99
16) Acetone	4.424	43	126934	94.761	ug/l	97
17) Carbon Disulfide	4.712	76	164993	14.989	ug/l	96
18) Methyl Acetate	5.024	43	92832	22.479	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	235340	19.605	ug/l	96
20) Methylene Chloride	5.283	84	84311	19.215	ug/l #	74
21) trans-1,2-Dichloroethene	5.783	96	80729	18.876	ug/l #	78
22) Diisopropyl ether	6.671	45	226489	20.280	ug/l #	94
23) Vinyl Acetate	6.606	43	797202	89.681	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	148263	19.821	ug/l	98
25) 2-Butanone	7.483	43	214652	93.427	ug/l #	87
26) 2,2-Dichloropropane	7.483	77	134541	20.738	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	93731	19.370	ug/l	85
28) Bromochloromethane	7.812	49	69820	22.917	ug/l #	52
29) Tetrahydrofuran	7.841	42	150714	97.374	ug/l #	80
30) Chloroform	7.965	83	166638	20.810	ug/l	95
31) Cyclohexane	8.259	56	109957	16.303	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	148721	20.471	ug/l #	86
36) 1,1-Dichloropropene	8.371	75	109799	18.045	ug/l	94
37) Ethyl Acetate	7.559	43	87016	16.700	ug/l #	97
38) Carbon Tetrachloride	8.365	117	127326	19.102	ug/l	93
39) Methylcyclohexane	9.606	83	117074	17.229	ug/l	88
40) Benzene	8.606	78	341414	19.192	ug/l	92

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	55041m	19.975	ug/l	
42) 1,2-Dichloroethane	8.671	62	117590	18.783	ug/l	96
43) Isopropyl Acetate	8.688	43	162626	18.829	ug/l #	93
44) Trichloroethene	9.353	130	94833	18.954	ug/l	98
45) 1,2-Dichloropropane	9.624	63	84777	19.664	ug/l	93
46) Dibromomethane	9.712	93	63379	19.358	ug/l #	86
47) Bromodichloromethane	9.888	83	132114	20.638	ug/l #	96
48) Methyl methacrylate	9.682	41	70034	17.580	ug/l #	84
49) 1,4-Dioxane	9.694	88	36665	382.990	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	489831	92.944	ug/l	92
52) Toluene	10.629	92	220860	19.533	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	126762	18.338	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	138903	18.742	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	91444	20.096	ug/l	90
56) Ethyl methacrylate	10.876	69	113849	18.331	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	151463	20.305	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	291603	101.845	ug/l #	84
59) 2-Hexanone	11.194	43	366843	94.148	ug/l	94
60) Dibromochloromethane	11.359	129	101704	20.323	ug/l	97
61) 1,2-Dibromoethane	11.471	107	91304	19.681	ug/l	95
64) Tetrachloroethene	11.106	164	99323	19.782	ug/l #	86
65) Chlorobenzene	11.888	112	237808	19.151	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	93804	20.382	ug/l	97
67) Ethyl Benzene	11.965	91	399844	18.537	ug/l	98
68) m/p-Xylenes	12.071	106	321118	39.712	ug/l	91
69) o-Xylene	12.400	106	154970	19.522	ug/l	90
70) Styrene	12.412	104	248485	19.408	ug/l	96
71) Bromoform	12.582	173	66398	19.199	ug/l #	95
73) Isopropylbenzene	12.700	105	393869	19.067	ug/l	98
74) N-amyl acetate	12.494	43	128285	17.160	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.935	83	116586	19.196	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	105325m	18.169	ug/l	
77) Bromobenzene	12.982	156	96181	18.848	ug/l	71
78) n-propylbenzene	13.035	91	468188	19.192	ug/l	95
79) 2-Chlorotoluene	13.123	91	275922	18.898	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	337261	19.767	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	37608	17.532	ug/l #	82
82) 4-Chlorotoluene	13.223	91	278515	19.348	ug/l	93
83) tert-Butylbenzene	13.441	119	282985	19.234	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	340221	19.840	ug/l	95
85) sec-Butylbenzene	13.617	105	403941	19.205	ug/l	93
86) p-Isopropyltoluene	13.729	119	333242	19.382	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	178550	19.044	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	177154	18.248	ug/l	97
89) n-Butylbenzene	14.059	91	273167	17.918	ug/l	97
90) Hexachloroethane	14.335	117	64769	19.891	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	176440	19.552	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23467	18.155	ug/l	77
93) 1,2,4-Trichlorobenzene	15.400	180	91091	17.458	ug/l	98
94) Hexachlorobutadiene	15.506	225	39287	17.161	ug/l	96
95) Naphthalene	15.641	128	293650	17.368	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	93119	17.743	ug/l	98

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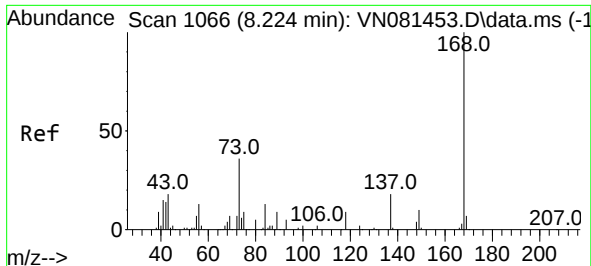
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

Quant Time: Apr 02 01:11:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

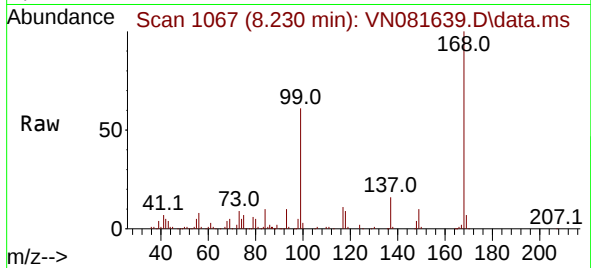
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

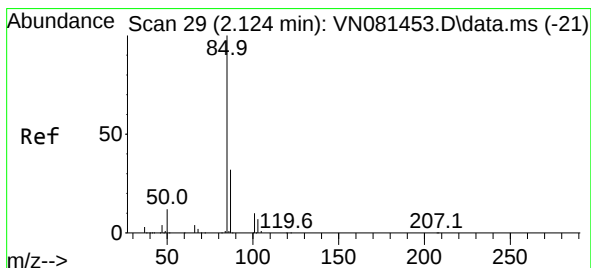
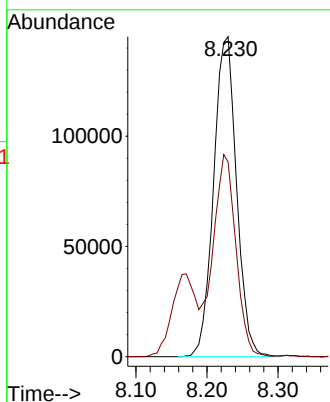
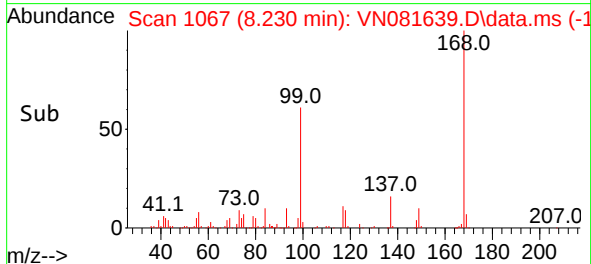
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion:168 Resp: 325018
Ion Ratio Lower Upper
168 100
99 60.5 59.9 89.9

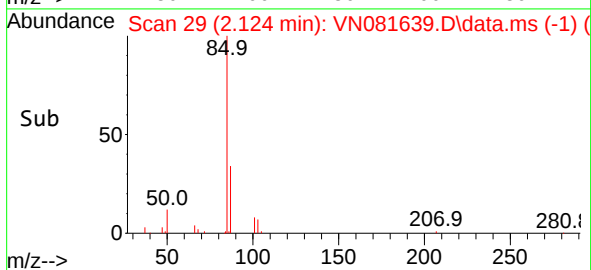
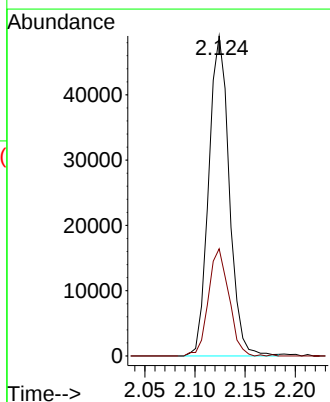
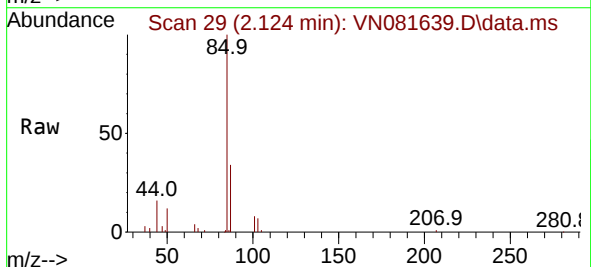
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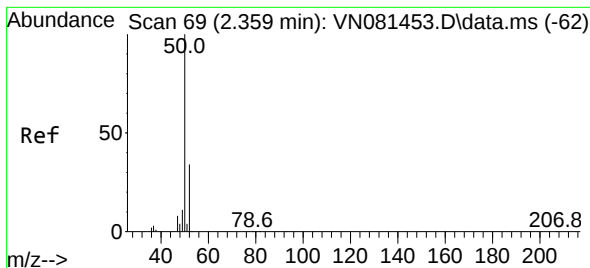
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#2
Dichlorodifluoromethane
Concen: 15.961 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

Tgt Ion: 85 Resp: 69851
Ion Ratio Lower Upper
85 100
87 33.5 15.3 45.9





#3

Chloromethane

Concen: 16.866 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081639.D

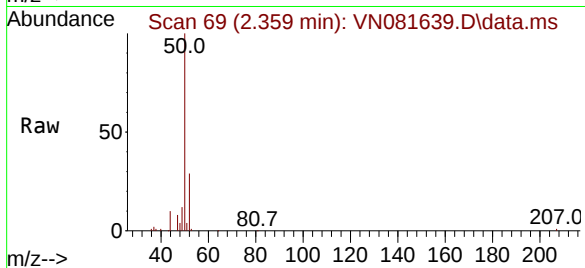
Acq: 01 Apr 2024 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01



Tgt Ion: 50 Resp: 7348

Ion Ratio Lower Upper

50 100

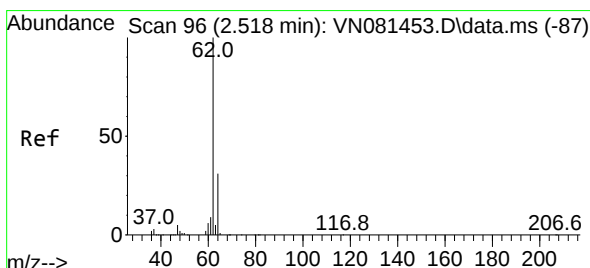
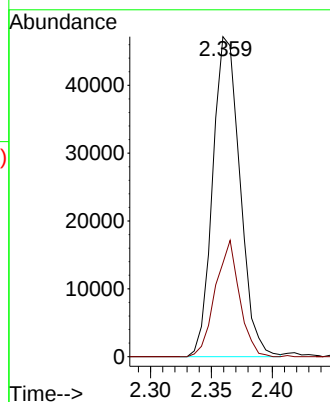
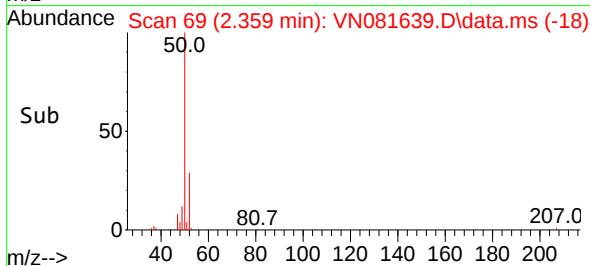
52 29.2 25.0 37.4

Manual Integrations

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Supervised By :Mahesh Dadoda 04/02/2024



#4

Vinyl Chloride

Concen: 18.024 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN081639.D

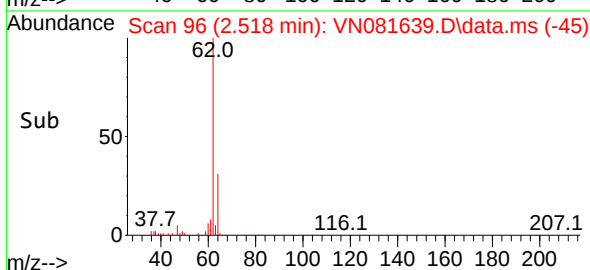
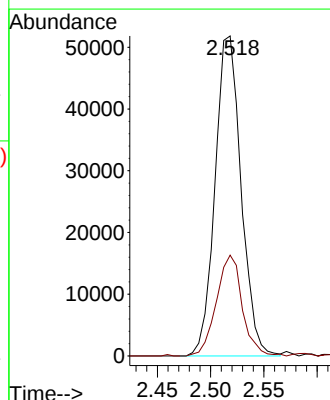
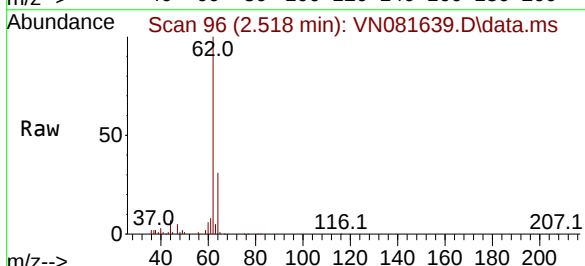
Acq: 01 Apr 2024 11:00

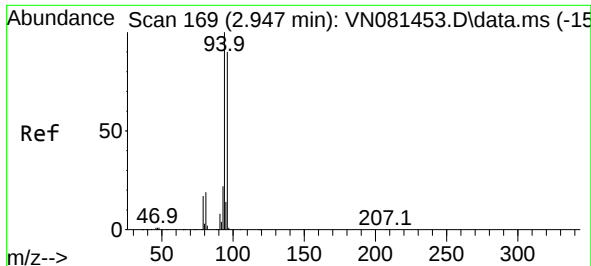
Tgt Ion: 62 Resp: 88139

Ion Ratio Lower Upper

62 100

64 31.5 22.7 34.1





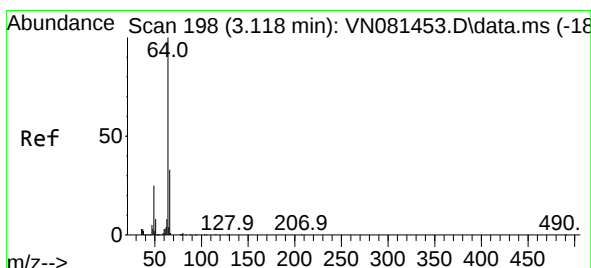
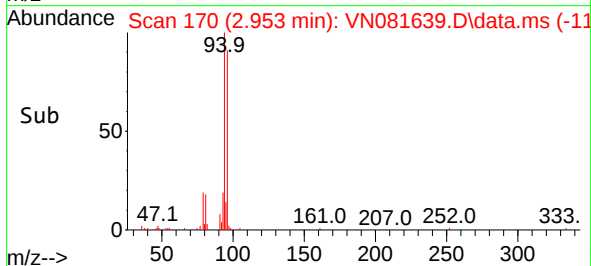
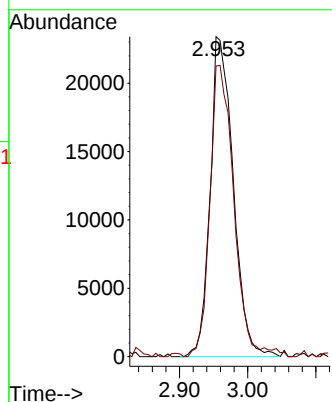
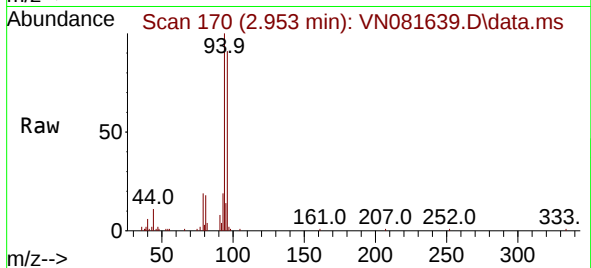
#5
Bromomethane
Concen: 15.974 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

Instrument :
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Tgt Ion: 94 Resp: 5524
Ion Ratio Lower Upper
94 100
96 89.9 69.2 103.8

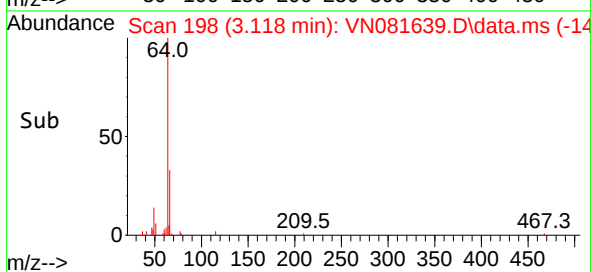
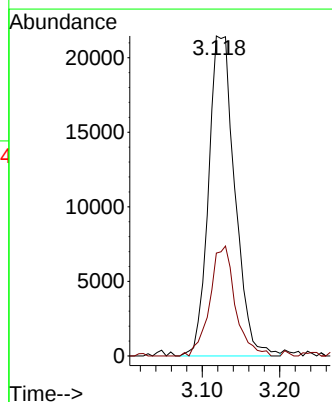
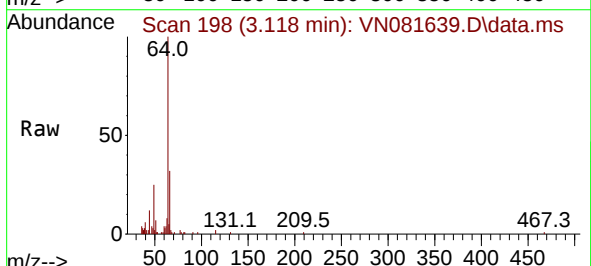
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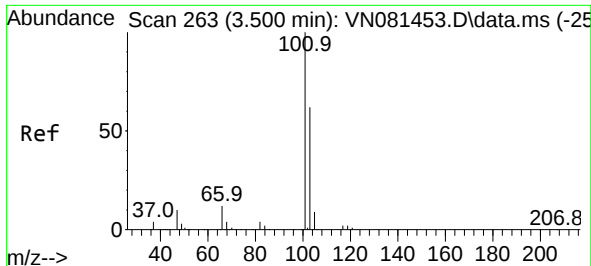
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#6
Chloroethane
Concen: 15.088 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

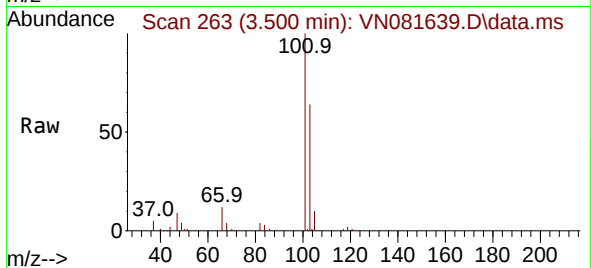
Tgt Ion: 64 Resp: 50658
Ion Ratio Lower Upper
64 100
66 32.2 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 19.102 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081639.D
 Acq: 01 Apr 2024 11:00

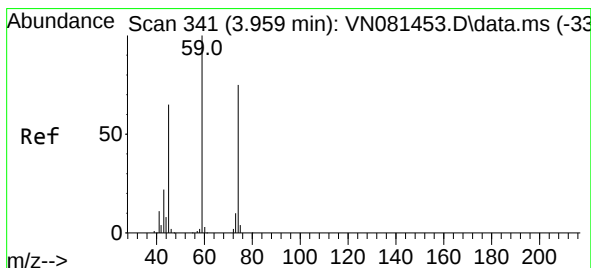
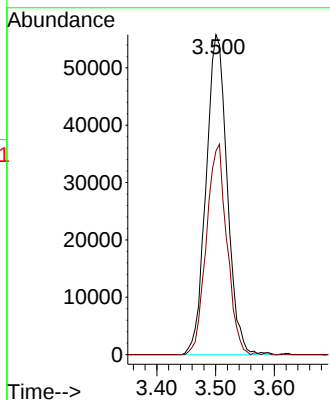
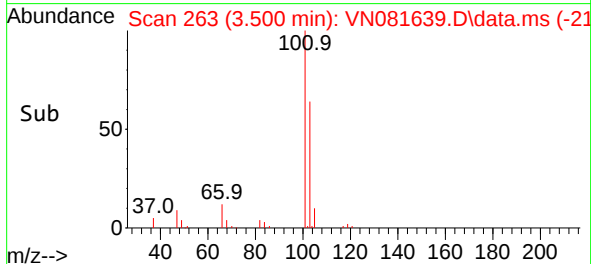
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01



Tgt Ion: 101 Resp: 139210
 Ion Ratio Lower Upper
 101 100
 103 63.6 54.4 81.6

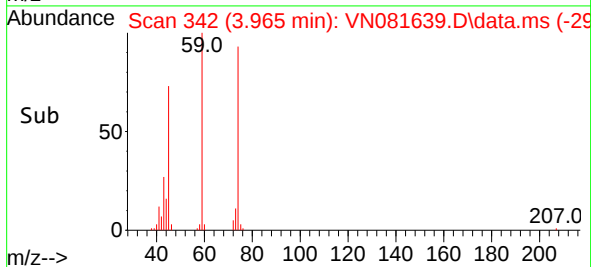
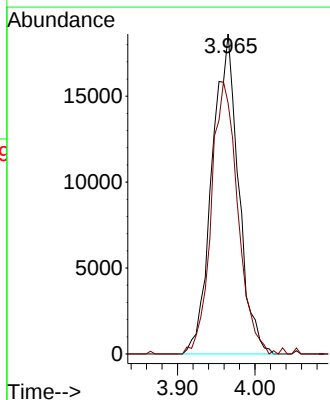
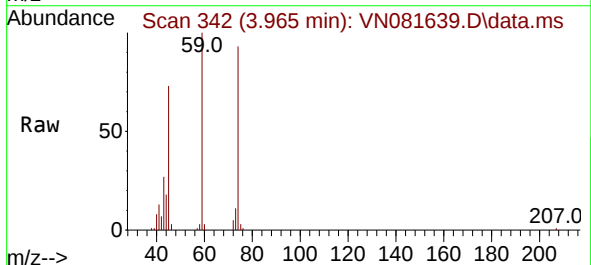
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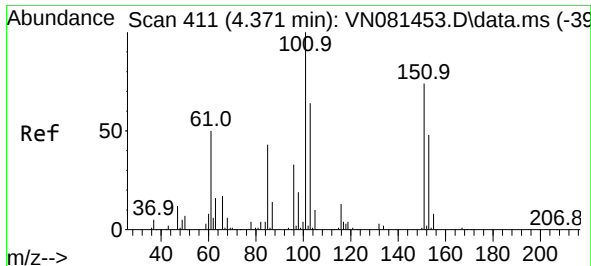
Reviewed By : John Carlone 04/02/2024
 Supervised By : Mahesh Dadoda 04/02/2024



#8
 Diethyl Ether
 Concen: 18.354 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN081639.D
 Acq: 01 Apr 2024 11:00

Tgt Ion: 74 Resp: 44269
 Ion Ratio Lower Upper
 74 100
 45 85.2 53.3 159.9





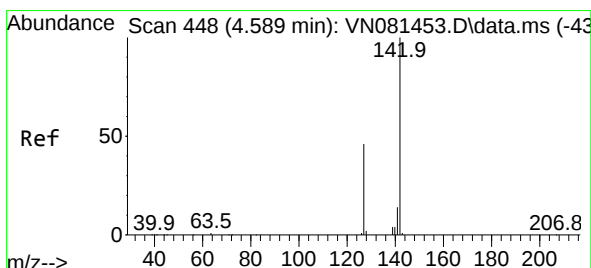
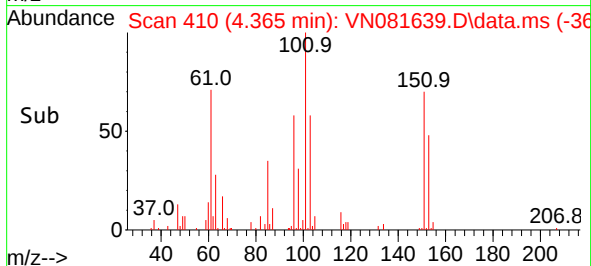
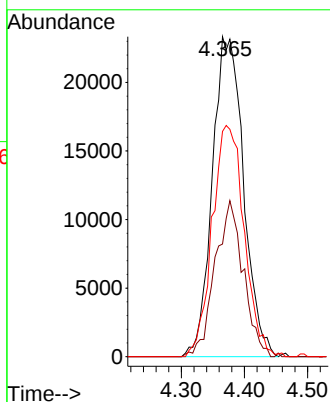
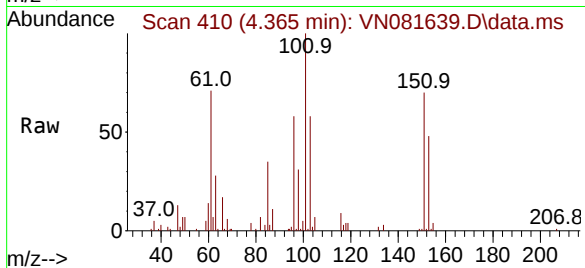
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.323 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

Tgt Ion:101 Resp: 80010
Ion Ratio Lower Upper
101 100
85 44.3 38.1 57.1
151 74.0 49.1 73.7

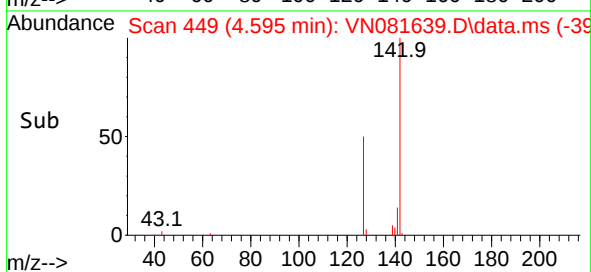
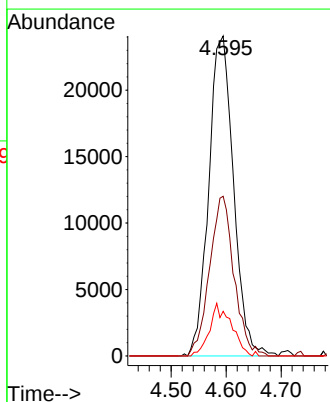
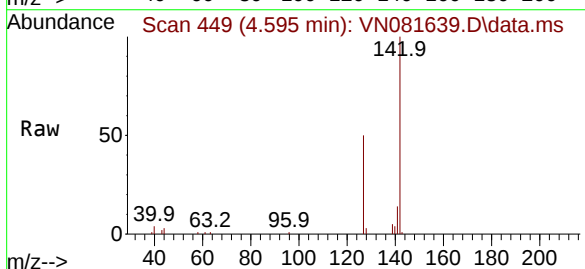
Manual Integrations
APPROVED

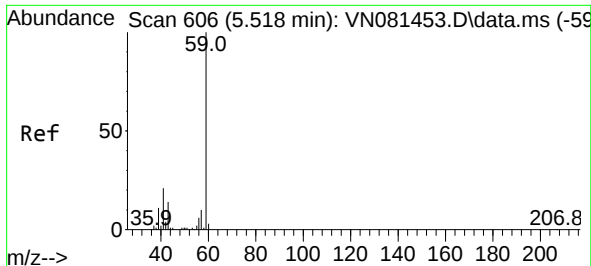
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#10
Methyl Iodide
Concen: 18.310 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

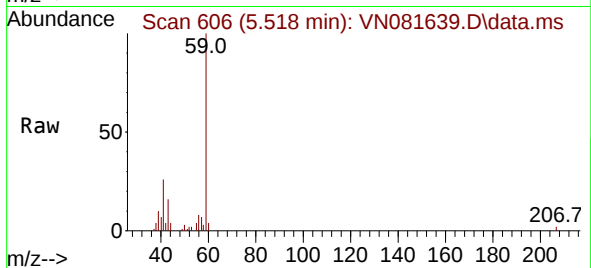
Tgt Ion:142 Resp: 75506
Ion Ratio Lower Upper
142 100
127 49.9 37.0 55.4
141 13.9 12.5 18.7





#11
Tert butyl alcohol
Concen: 90.907 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

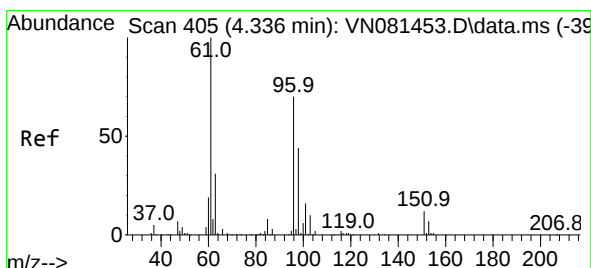
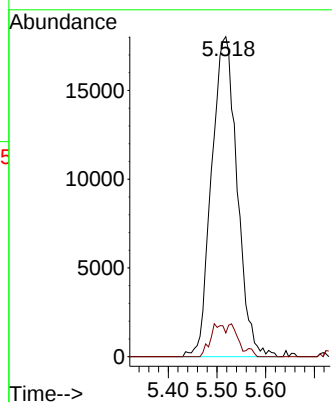
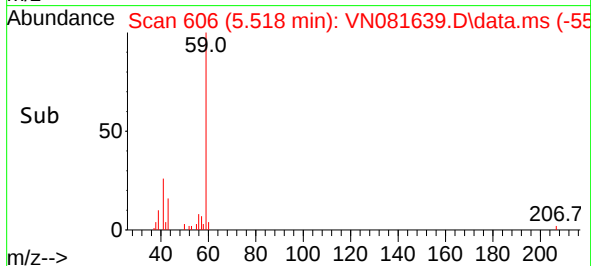
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



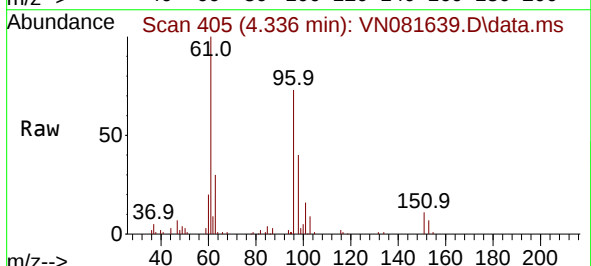
Tgt Ion: 59 Resp: 6566
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8

Manual Integrations
APPROVED

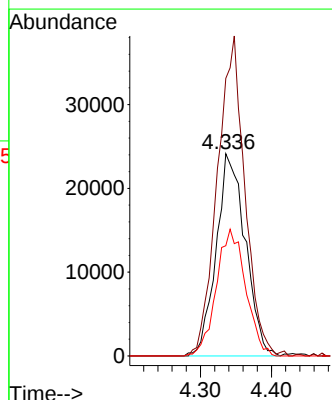
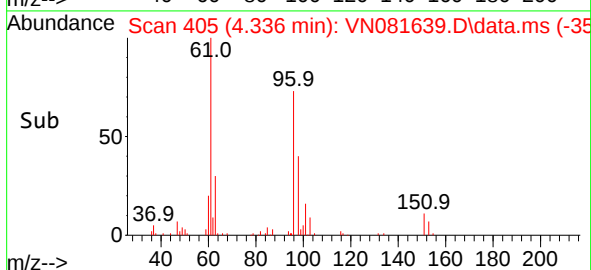
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

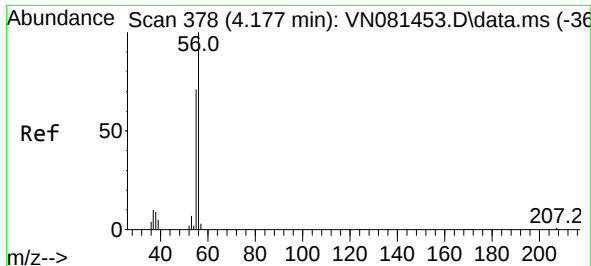


#12
1,1-Dichloroethene
Concen: 17.882 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00



Tgt Ion: 96 Resp: 68591
Ion Ratio Lower Upper
96 100
61 137.3 138.2 207.4#
98 54.5 49.2 73.8





#13

Acrolein

Concen: 78.394 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081639.D

Acq: 01 Apr 2024 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

Tgt Ion: 56 Resp: 5081

Ion Ratio Lower Upper

56 100

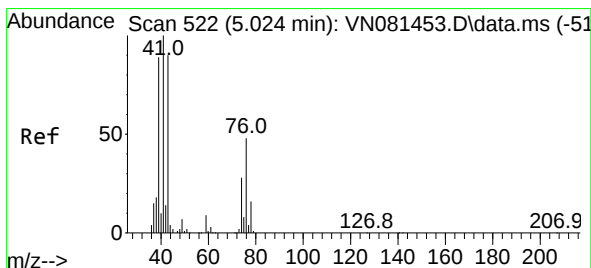
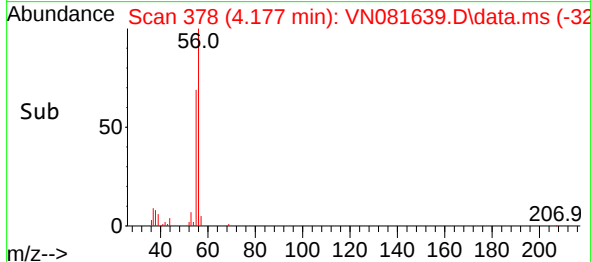
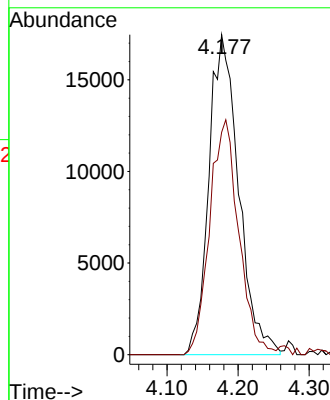
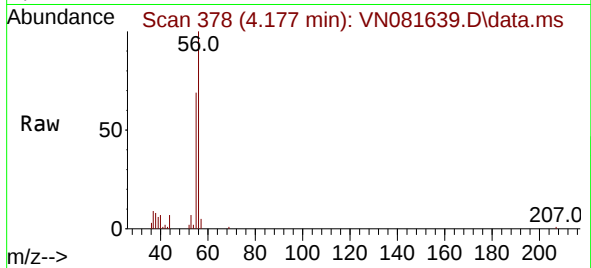
55 71.5 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#14

Allyl chloride

Concen: 17.377 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN081639.D

Acq: 01 Apr 2024 11:00

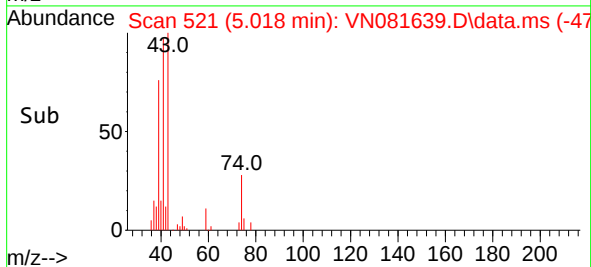
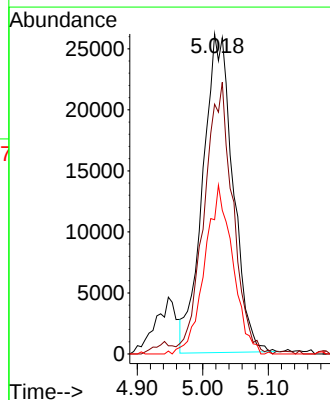
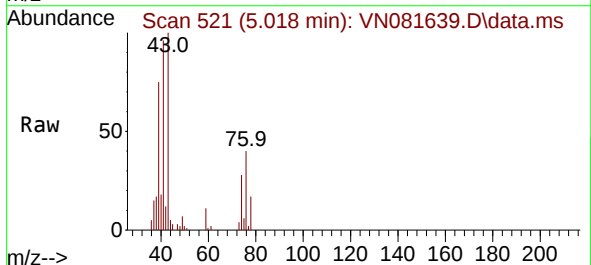
Tgt Ion: 41 Resp: 83520

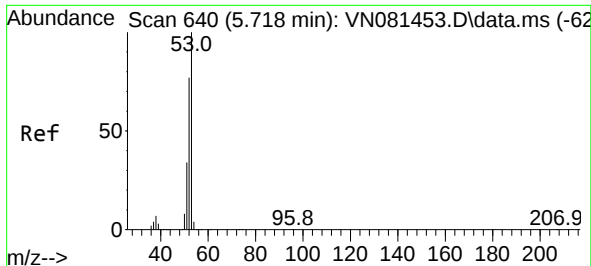
Ion Ratio Lower Upper

41 100

39 81.0 57.7 86.5

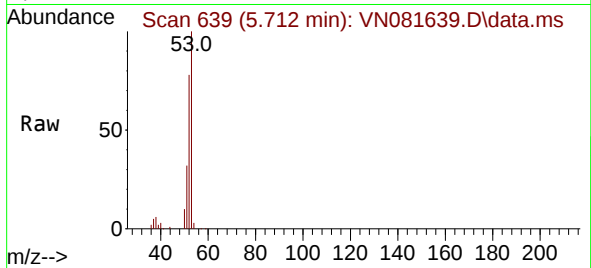
76 49.2 26.8 40.2#





#15
Acrylonitrile
Concen: 95.398 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

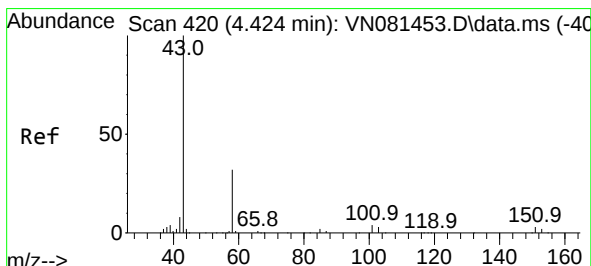
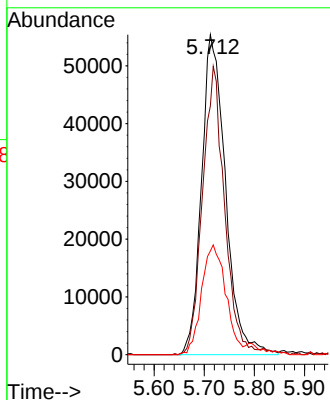
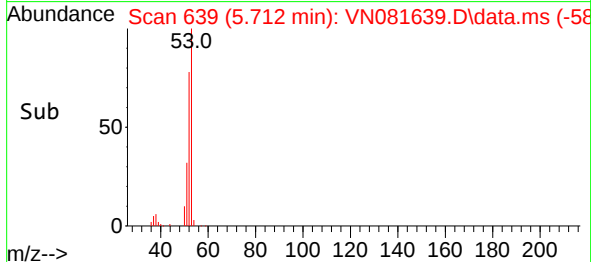
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 53 Resp: 18434
Ion Ratio Lower Upper
53 100
52 82.0 64.8 97.2
51 34.6 26.9 40.3

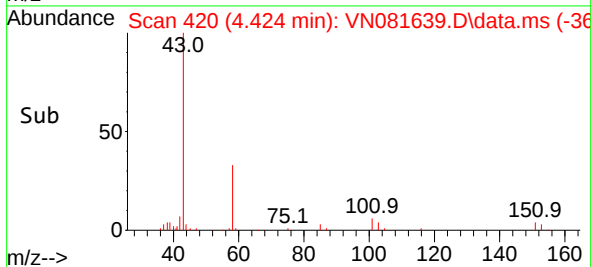
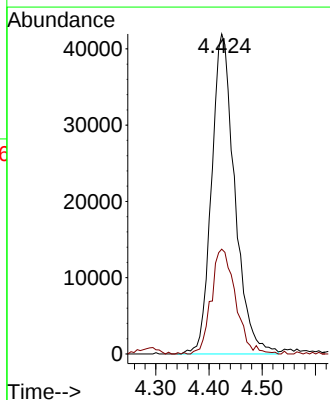
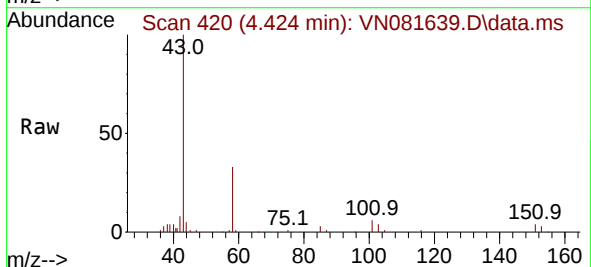
Manual Integrations
APPROVED

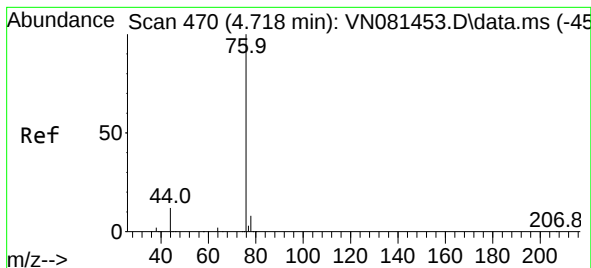
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#16
Acetone
Concen: 94.761 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

Tgt Ion: 43 Resp: 126934
Ion Ratio Lower Upper
43 100
58 32.7 24.8 37.2





#17

Carbon Disulfide

Concen: 14.989 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN081639.D

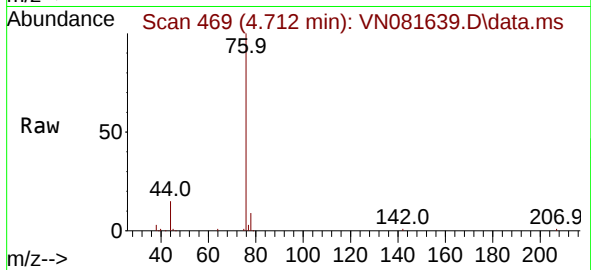
Acq: 01 Apr 2024 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01



Tgt Ion: 76 Resp: 16499

Ion Ratio Lower Upper

76 100

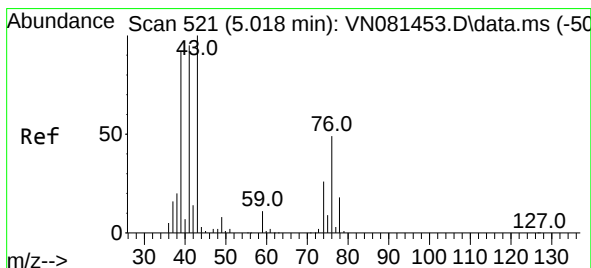
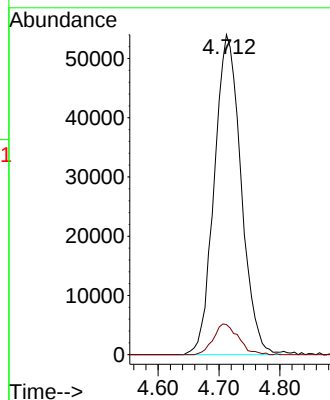
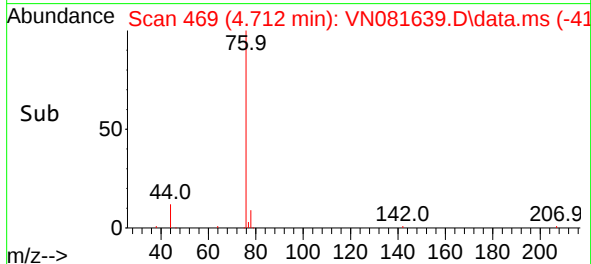
78 9.4 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#18

Methyl Acetate

Concen: 22.479 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081639.D

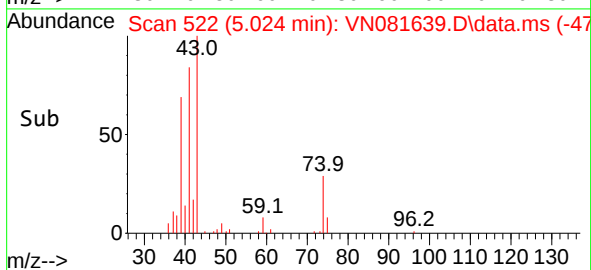
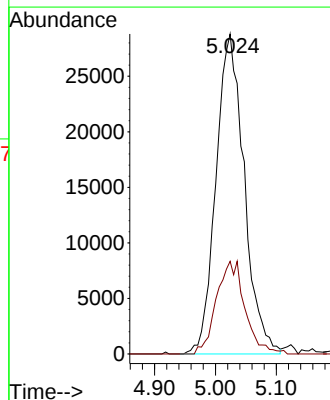
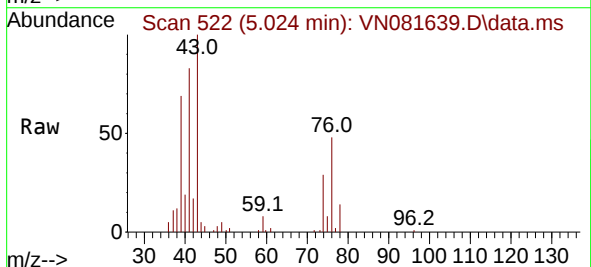
Acq: 01 Apr 2024 11:00

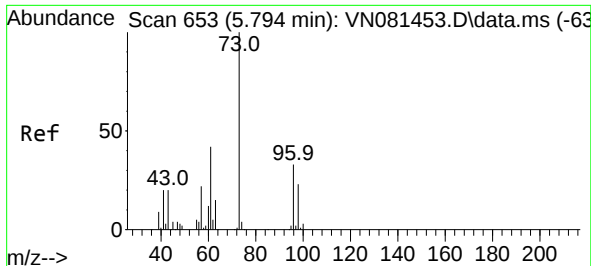
Tgt Ion: 43 Resp: 92832

Ion Ratio Lower Upper

43 100

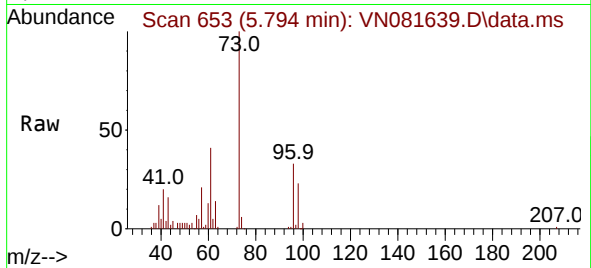
74 29.3 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 19.605 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

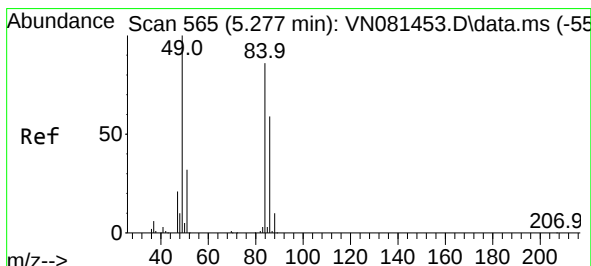
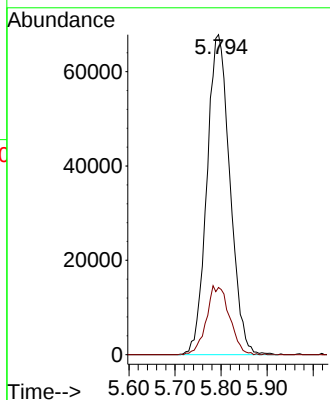
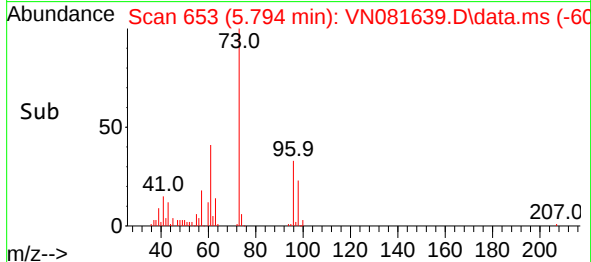
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 73 Resp: 235340
Ion Ratio Lower Upper
73 100
57 21.0 18.2 27.4

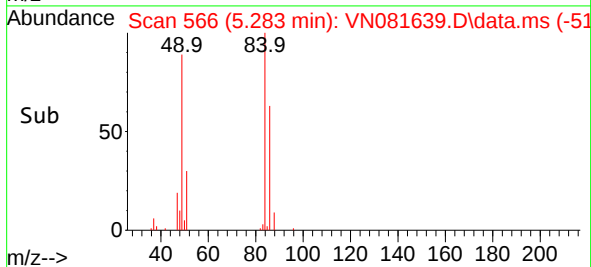
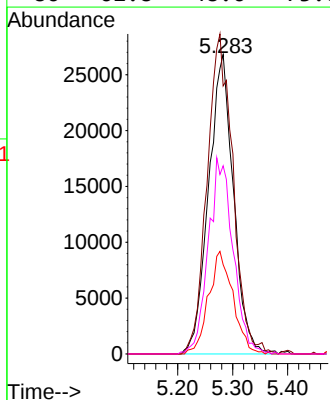
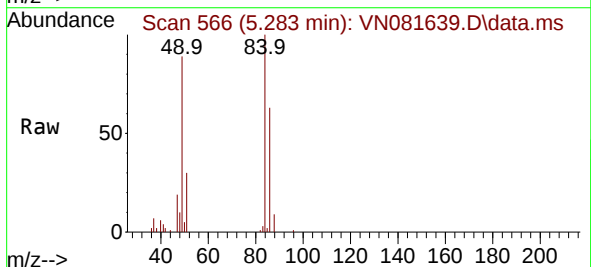
Manual Integrations
APPROVED

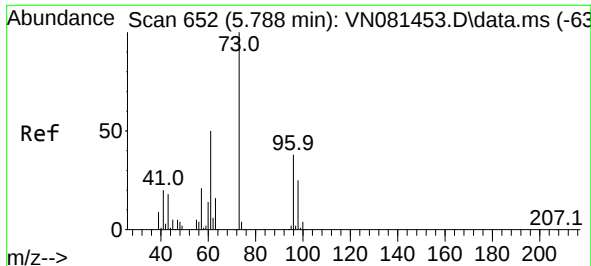
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#20
Methylene Chloride
Concen: 19.215 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

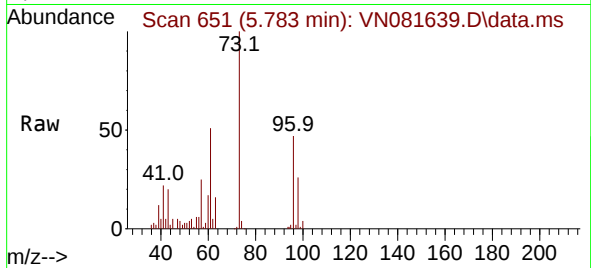
Tgt Ion: 84 Resp: 84311
Ion Ratio Lower Upper
84 100
49 89.5 108.1 162.1#
51 29.8 32.9 49.3#
86 62.8 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.876 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

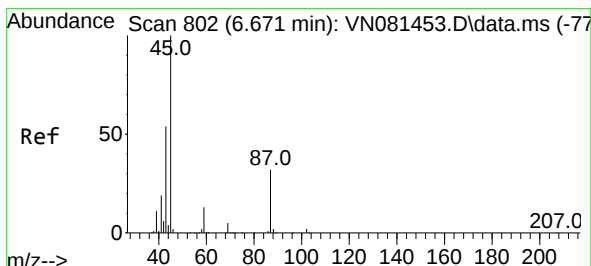
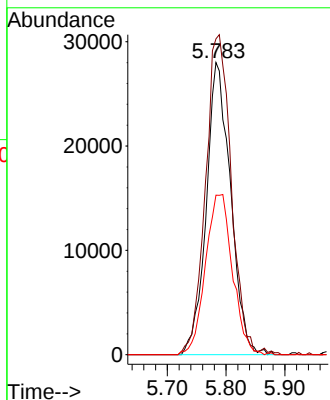
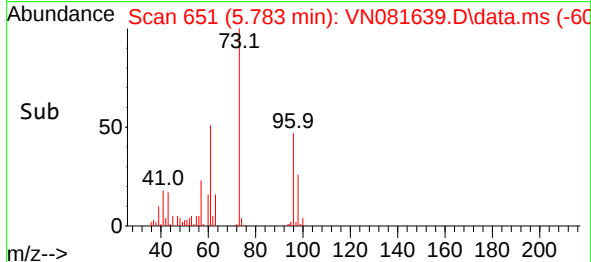
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 96 Resp: 80729
Ion Ratio Lower Upper
96 100
61 108.1 112.8 169.2
98 54.6 51.0 76.4

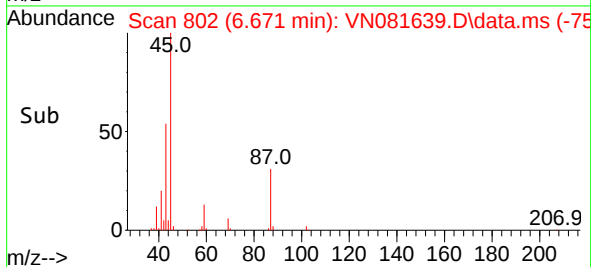
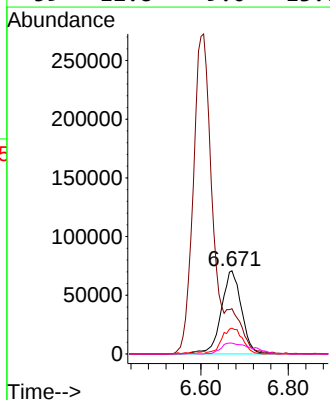
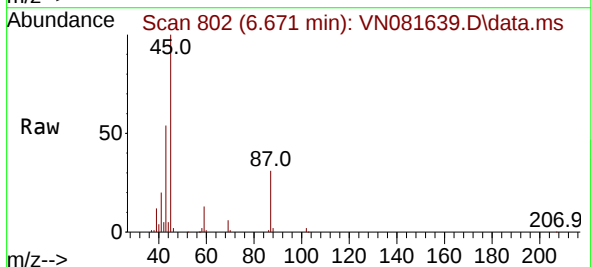
Manual Integrations
APPROVED

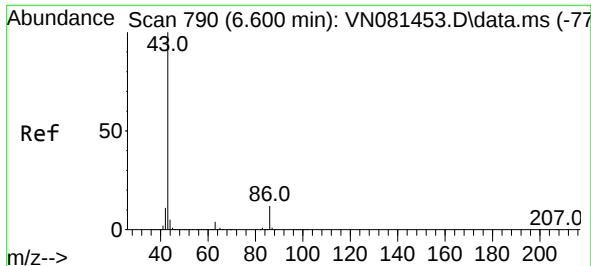
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#22
Diisopropyl ether
Concen: 20.280 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

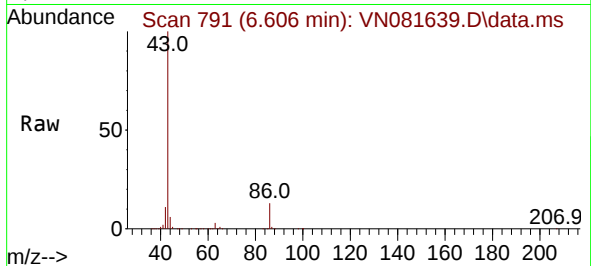
Tgt Ion: 45 Resp: 226489
Ion Ratio Lower Upper
45 100
43 53.5 41.8 62.8
87 30.9 18.1 27.1
59 12.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 89.681 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081639.D
 Acq: 01 Apr 2024 11:00

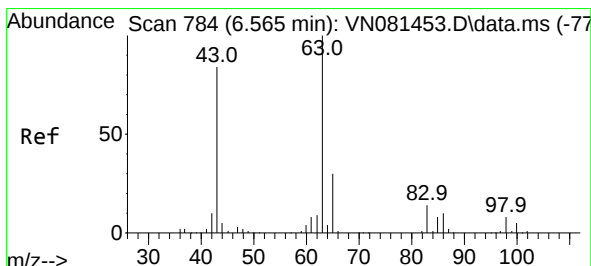
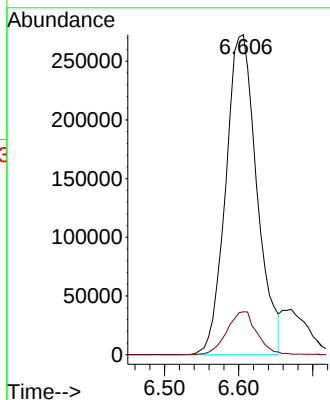
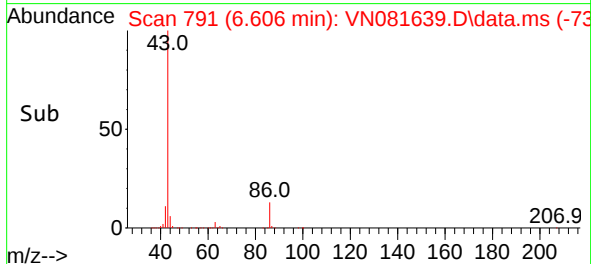
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01



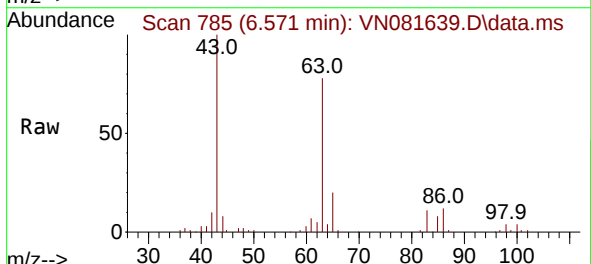
Tgt Ion: 43 Resp: 79720
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.1 10.7

Manual Integrations
 APPROVED

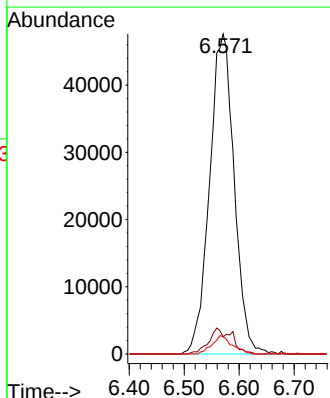
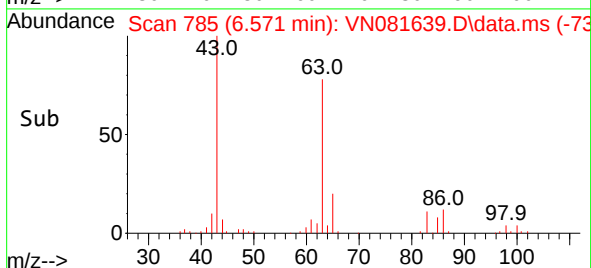
Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024

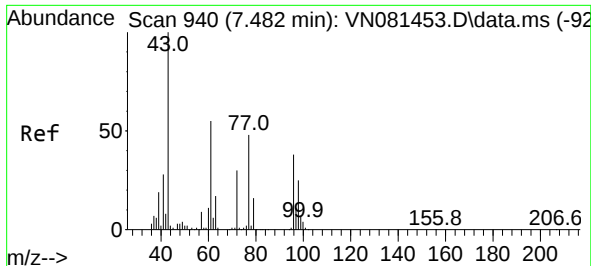


#24
 1,1-Dichloroethane
 Concen: 19.821 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081639.D
 Acq: 01 Apr 2024 11:00



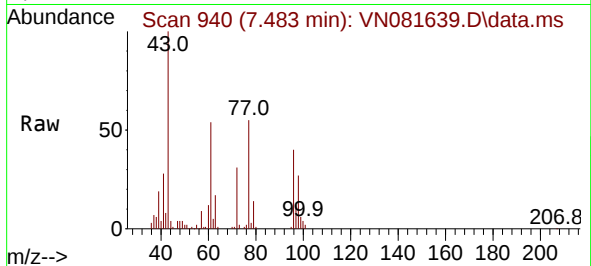
Tgt Ion: 63 Resp: 148263
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.9 8.6
 100 5.3 1.9 5.7





#25
2-Butanone
Concen: 93.427 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

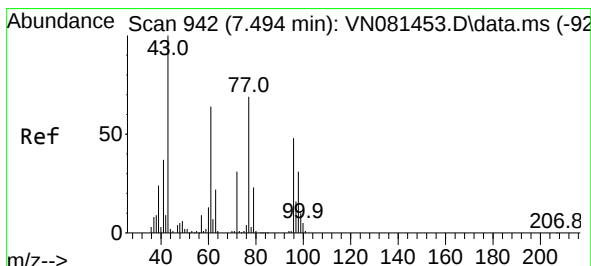
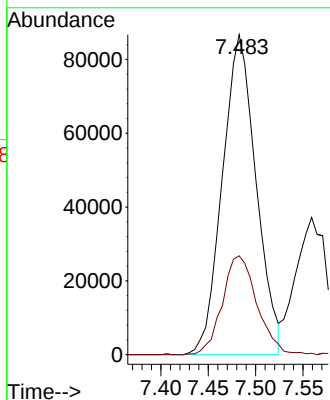
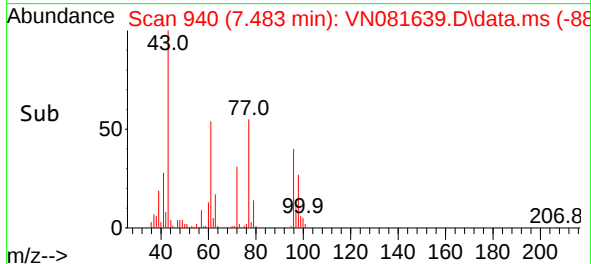
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 43 Resp: 214652
Ion Ratio Lower Upper
43 100
72 30.9 19.5 29.3

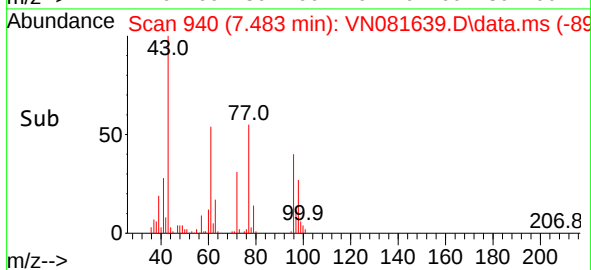
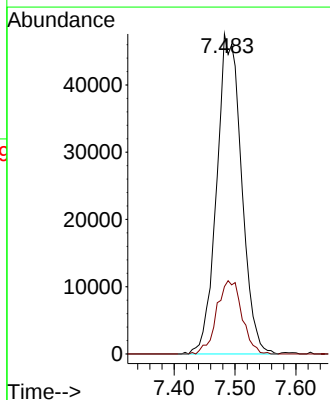
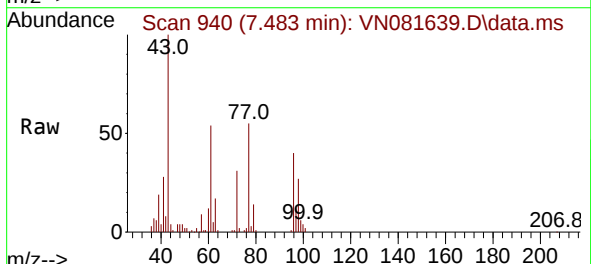
Manual Integrations
APPROVED

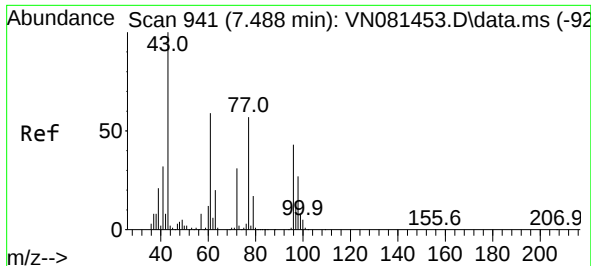
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#26
2,2-Dichloropropane
Concen: 20.738 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.012 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

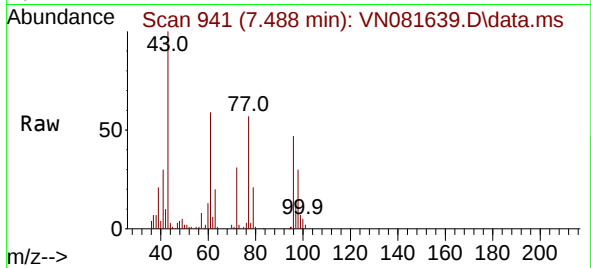
Tgt Ion: 77 Resp: 134541
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.370 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081639.D
 Acq: 01 Apr 2024 11:00

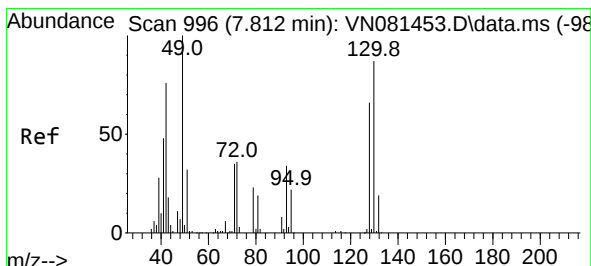
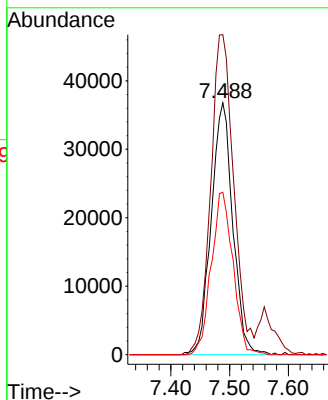
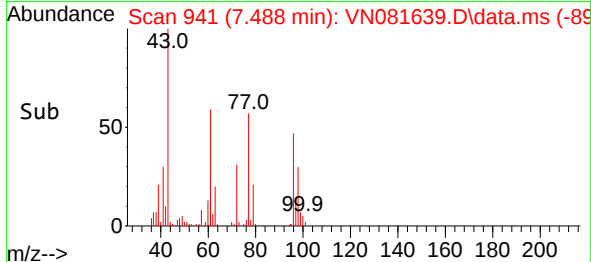
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01



Tgt Ion: 96 Resp: 9373
 Ion Ratio Lower Upper
 96 100
 61 135.4 0.0 325.4
 98 65.0 0.0 130.4

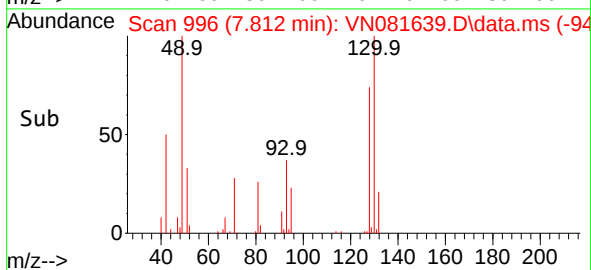
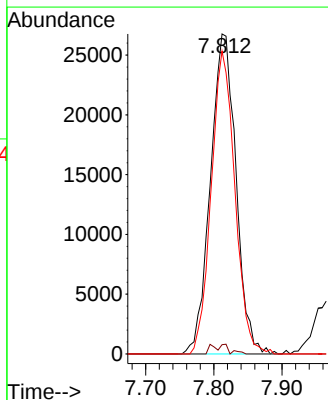
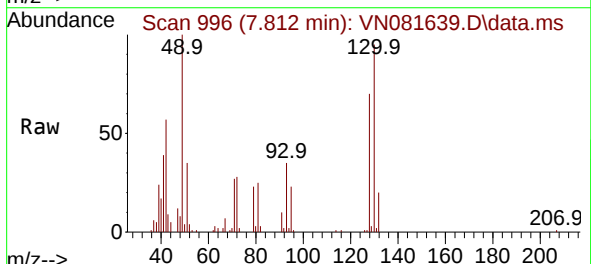
Manual Integrations
 APPROVED

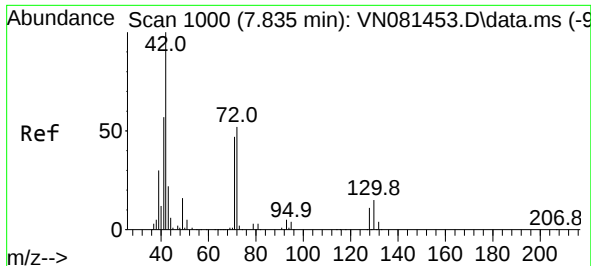
Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024



#28
 Bromochloromethane
 Concen: 22.917 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081639.D
 Acq: 01 Apr 2024 11:00

Tgt Ion: 49 Resp: 69820
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 1.6
 130 87.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 97.374 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN081639.D

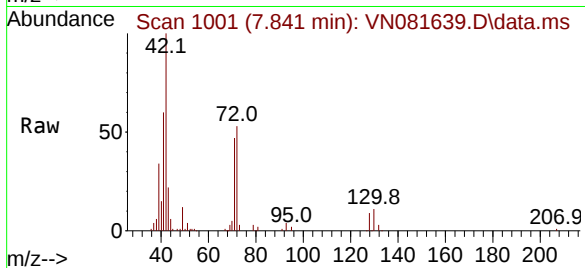
Acq: 01 Apr 2024 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01



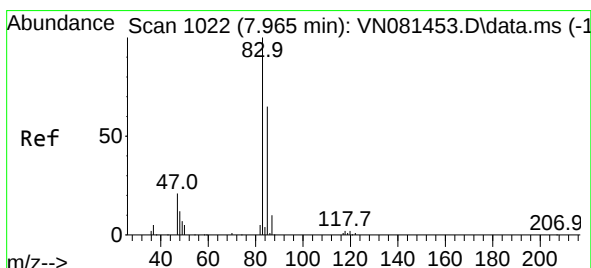
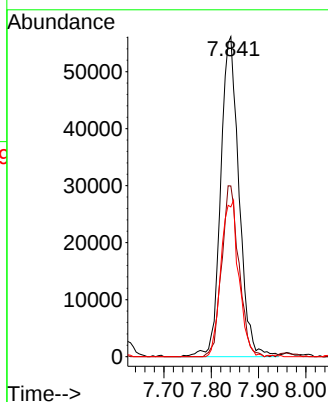
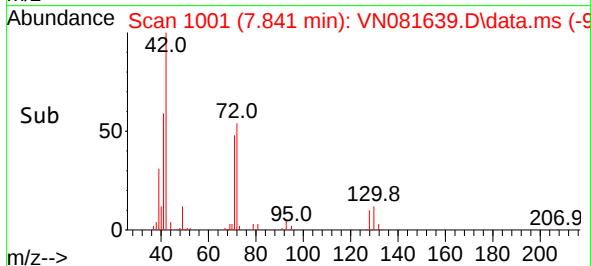
Tgt Ion:	42	Resp:	150714
Ion Ratio	Lower	Upper	
42	100		
72	50.5	31.1	46.7
71	47.6	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#30

Chloroform

Concen: 20.810 ug/l

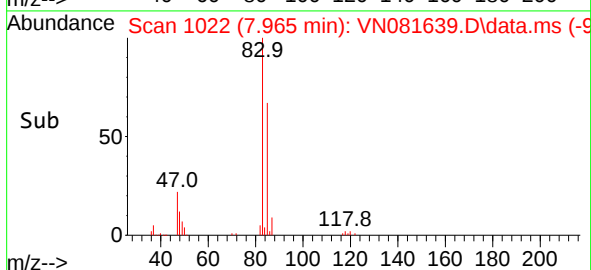
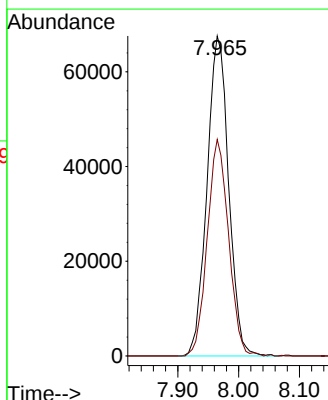
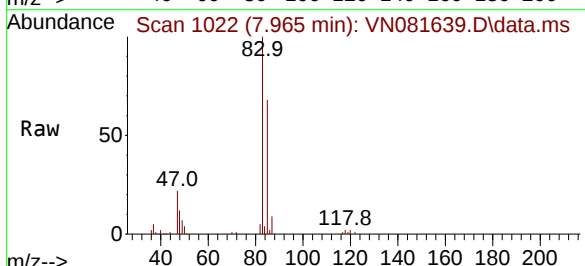
RT: 7.965 min Scan# 1022

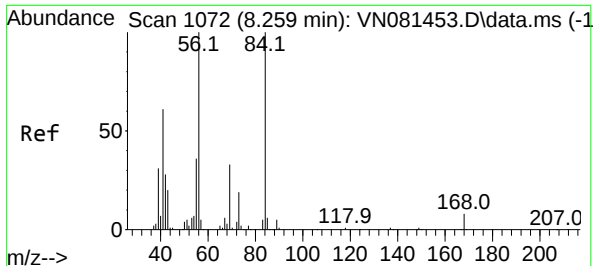
Delta R.T. 0.000 min

Lab File: VN081639.D

Acq: 01 Apr 2024 11:00

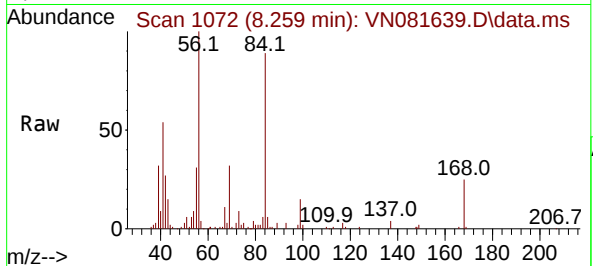
Tgt Ion:	83	Resp:	166638
Ion Ratio	Lower	Upper	
83	100		
85	67.6	51.0	76.6





#31
Cyclohexane
Concen: 16.303 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

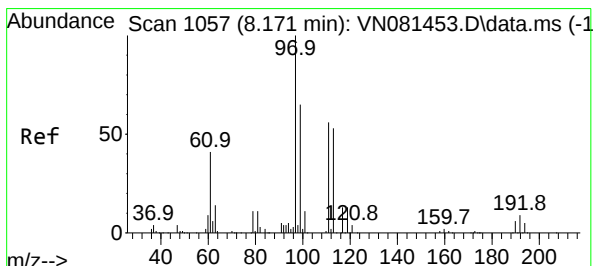
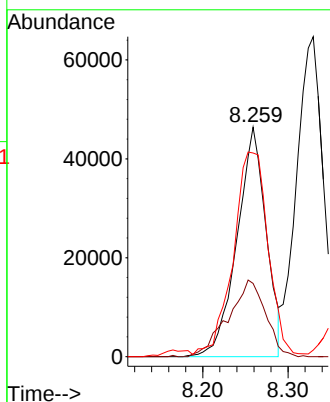
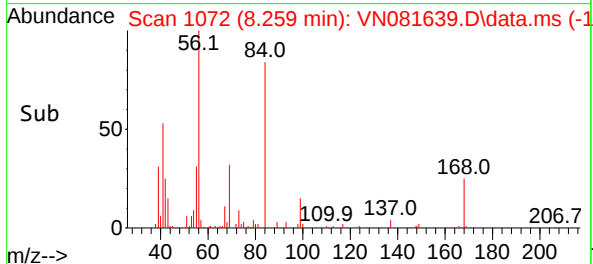
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 56 Resp: 10995
Ion Ratio Lower Upper
56 100
69 31.3 20.1 30.1
84 86.4 56.9 85.3

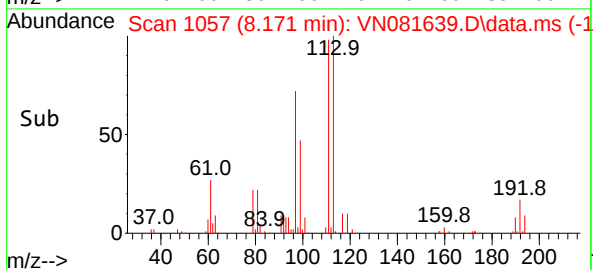
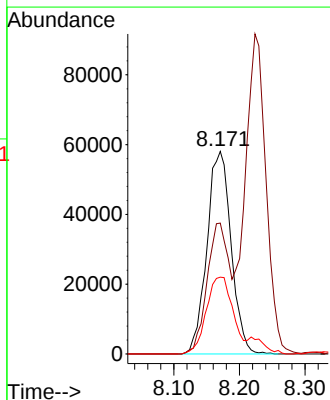
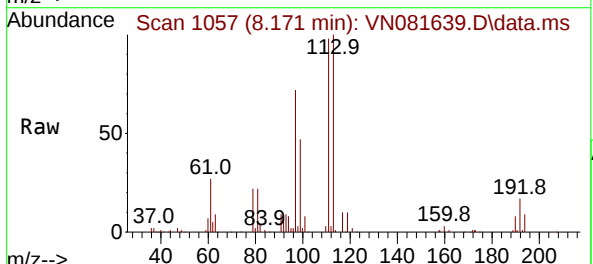
Manual Integrations
APPROVED

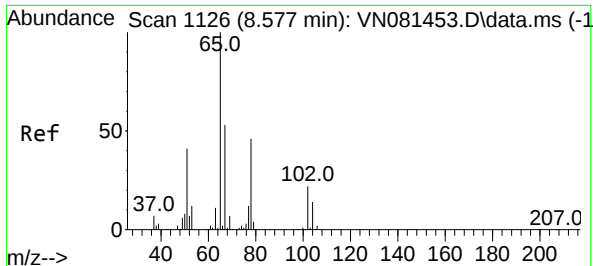
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#32
1,1,1-Trichloroethane
Concen: 20.471 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

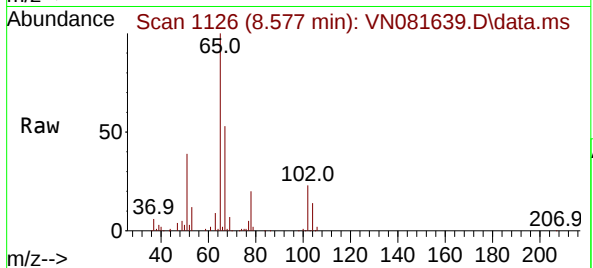
Tgt Ion: 97 Resp: 148721
Ion Ratio Lower Upper
97 100
99 58.5 53.4 80.0
61 42.2 43.8 65.8





#33
1,2-Dichloroethane-d4
Concen: 53.179 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

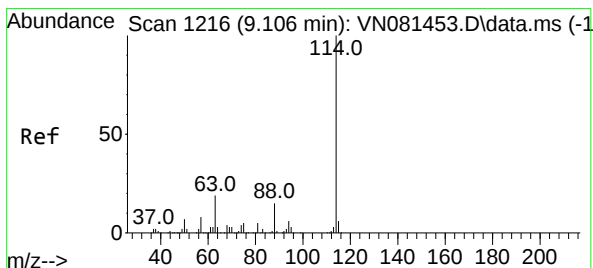
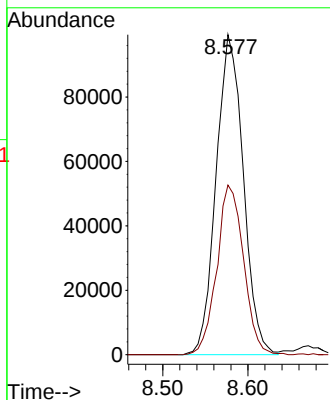
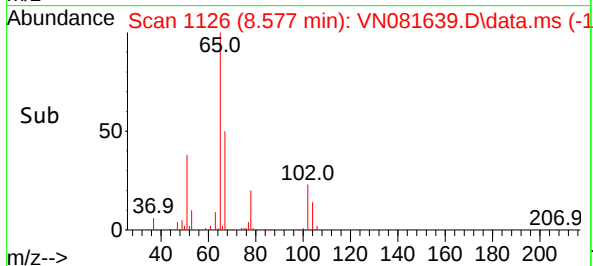
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 65 Resp: 220418
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4

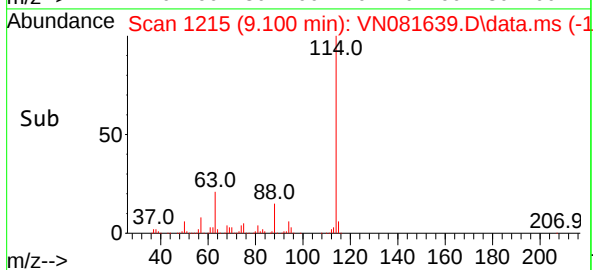
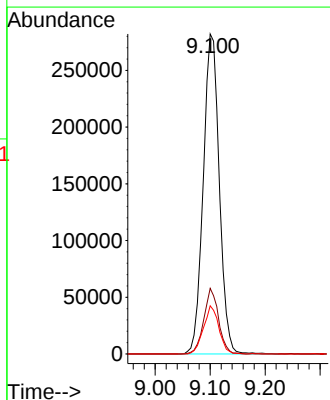
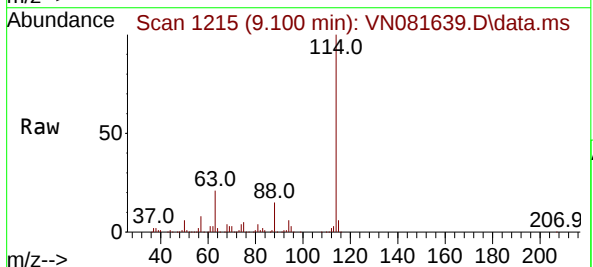
Manual Integrations
APPROVED

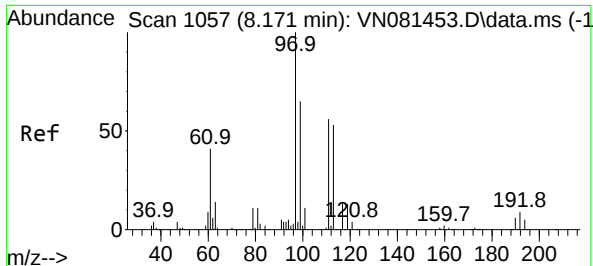
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

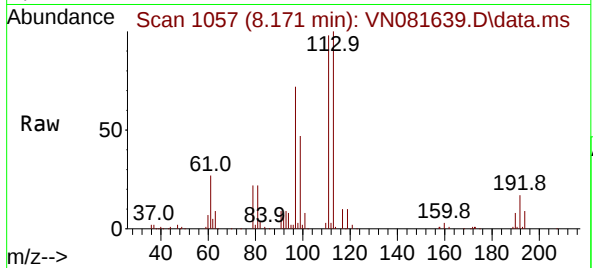
Tgt Ion:114 Resp: 572922
Ion Ratio Lower Upper
114 100
63 20.5 0.0 48.0
88 15.1 0.0 34.8





#35
Dibromofluoromethane
Concen: 54.158 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

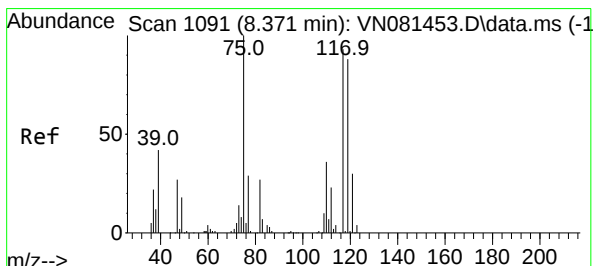
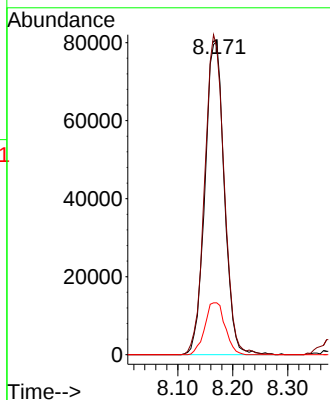
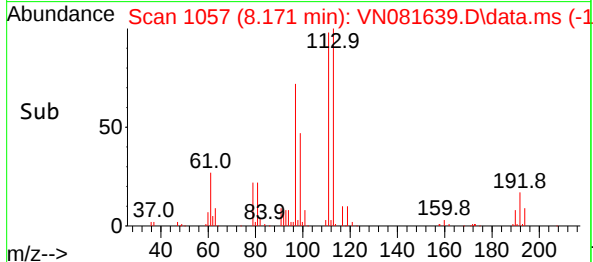
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 113 Resp: 19582
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.4 12.5 18.7

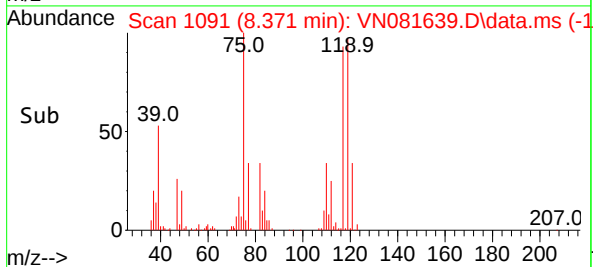
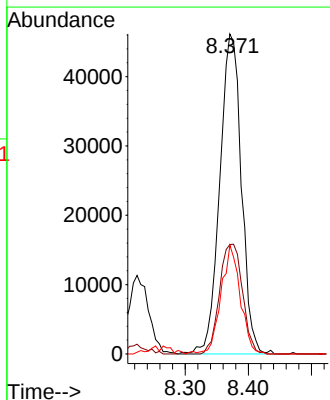
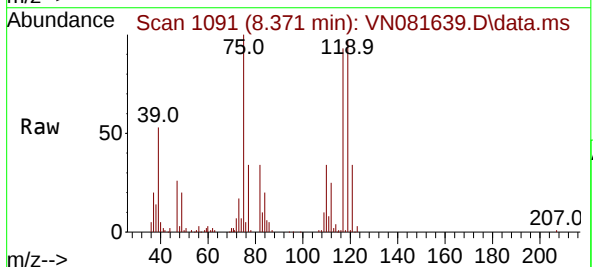
Manual Integrations
APPROVED

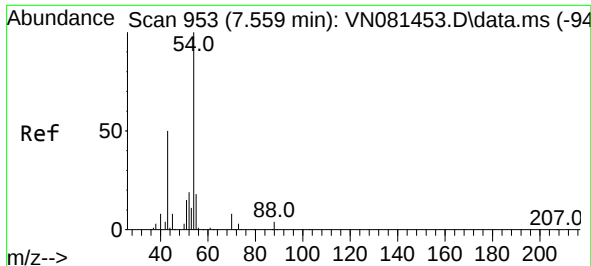
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#36
1,1-Dichloropropene
Concen: 18.045 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

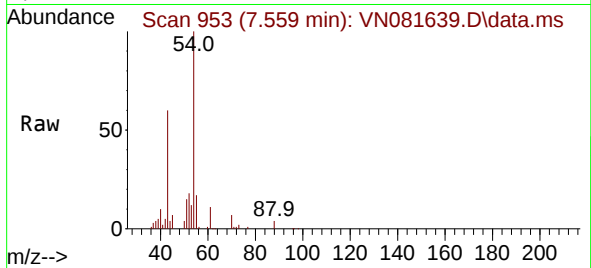
Tgt Ion: 75 Resp: 109799
Ion Ratio Lower Upper
75 100
110 36.4 16.0 48.0
77 30.2 25.8 38.6





#37
Ethyl Acetate
Concen: 16.700 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

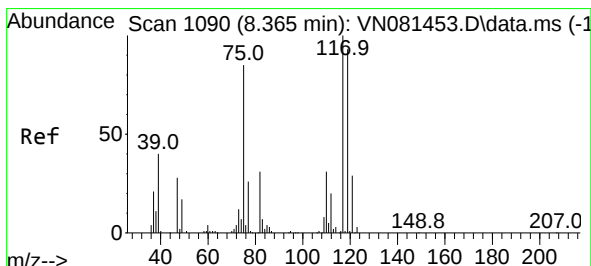
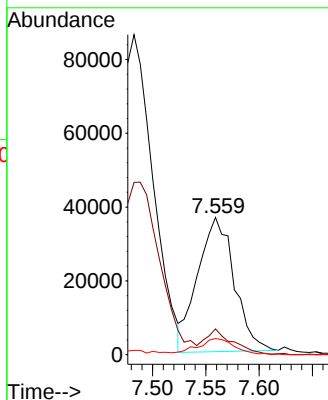
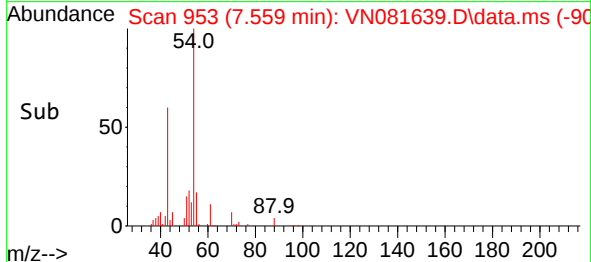
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 43 Resp: 87010
Ion Ratio Lower Upper
43 100
61 13.5 10.6 15.8
70 12.2 8.0 12.0

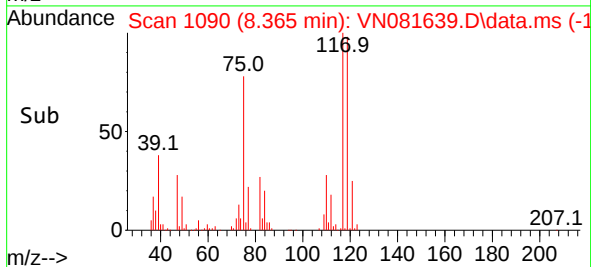
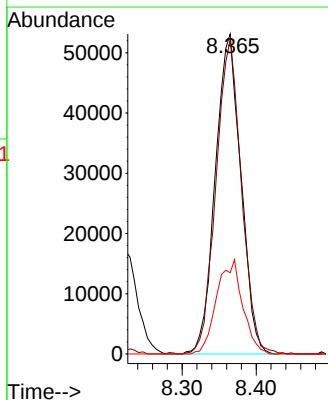
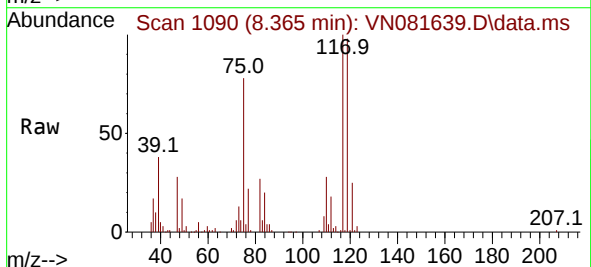
Manual Integrations
APPROVED

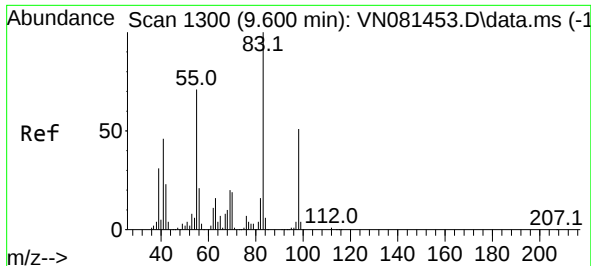
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#38
Carbon Tetrachloride
Concen: 19.102 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

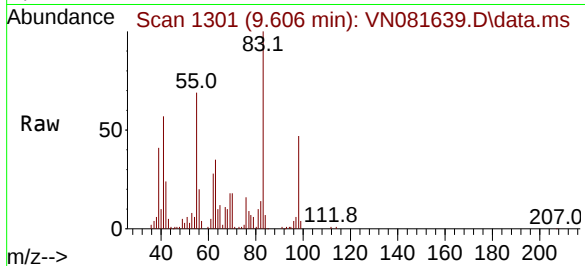
Tgt Ion:117 Resp: 127326
Ion Ratio Lower Upper
117 100
119 98.3 73.4 110.2
121 25.4 24.4 36.6





#39
Methylcyclohexane
Concen: 17.229 ug/l
RT: 9.606 min Scan# 117074
Delta R.T. 0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

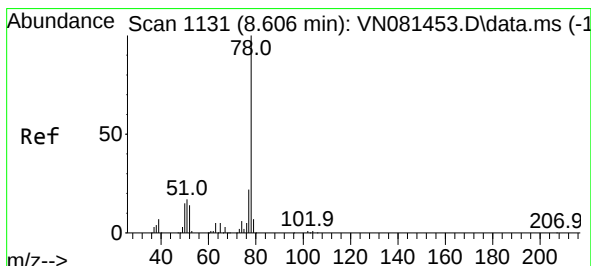
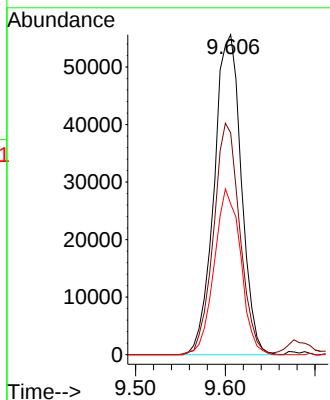
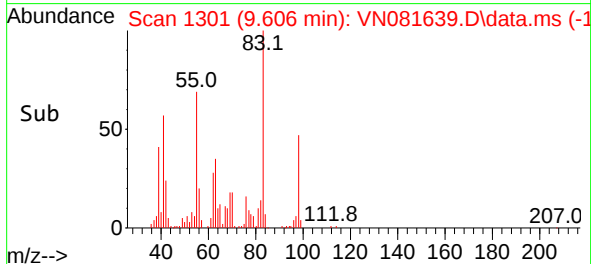
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 83 Resp: 117074
Ion Ratio Lower Upper
83 100
55 69.3 65.7 98.5
98 47.1 33.8 50.6

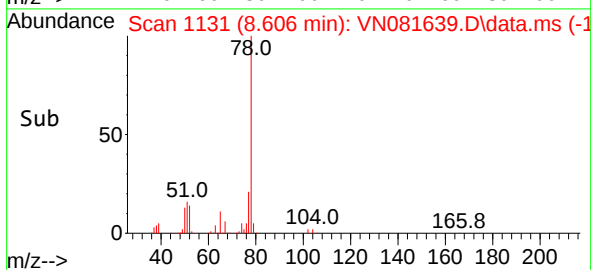
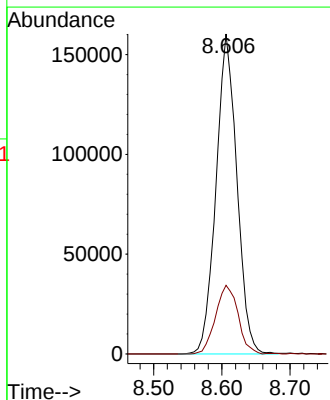
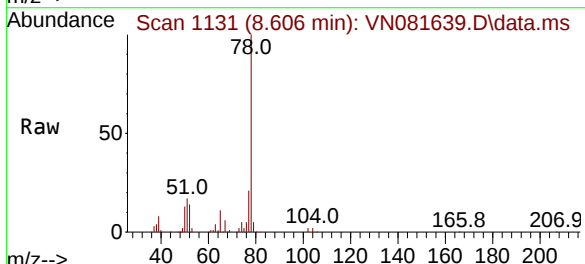
Manual Integrations
APPROVED

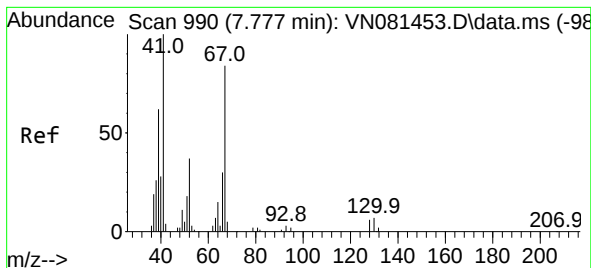
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#40
Benzene
Concen: 19.192 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

Tgt Ion: 78 Resp: 341414
Ion Ratio Lower Upper
78 100
77 21.5 20.4 30.6





#41

Methacrylonitrile

Concen: 19.975 ug/l m

RT: 7.788 min Scan# 990

Delta R.T. 0.012 min

Lab File: VN081639.D

Acq: 01 Apr 2024 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

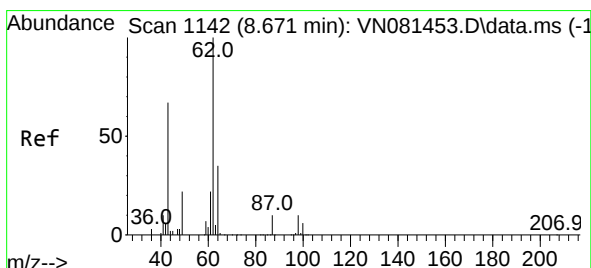
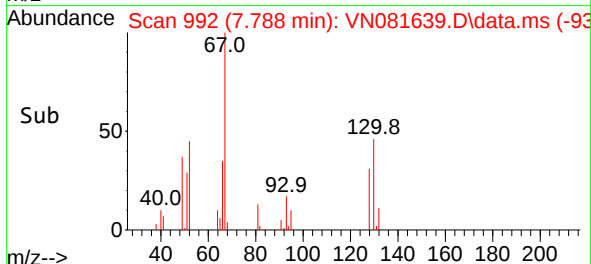
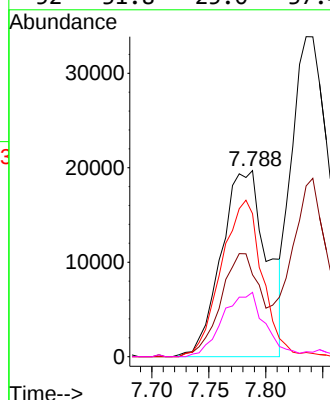
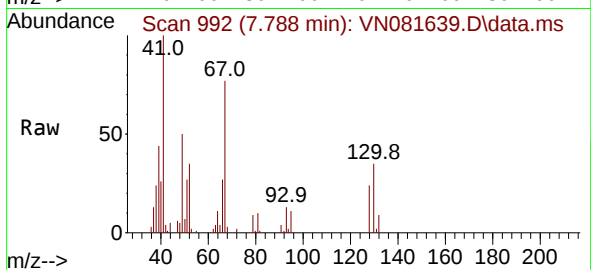
Tgt Ion: 41	Resp: 5504
Ion Ratio	Lower Upper
41	100
39	46.9 48.4 72.6
67	75.8 56.8 85.2
52	31.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#42

1,2-Dichloroethane

Concen: 18.783 ug/l

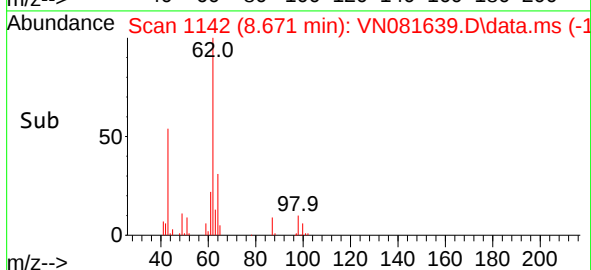
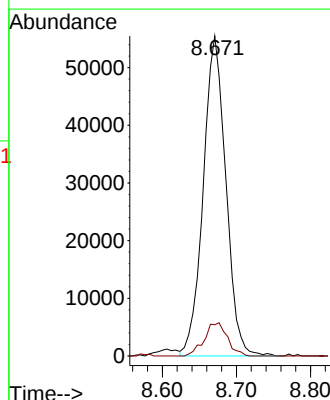
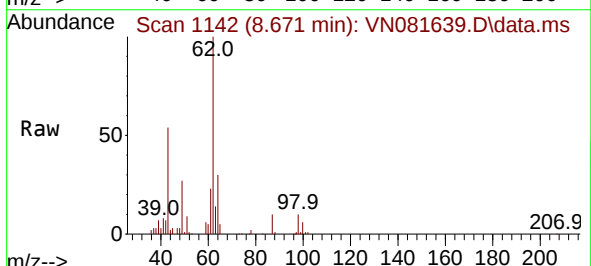
RT: 8.671 min Scan# 1142

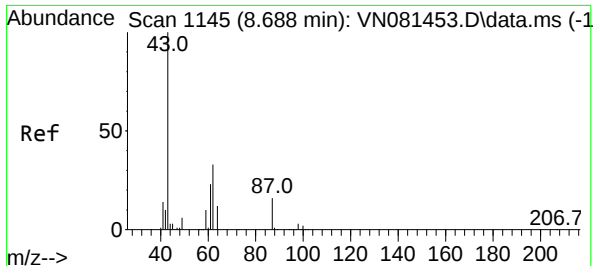
Delta R.T. 0.000 min

Lab File: VN081639.D

Acq: 01 Apr 2024 11:00

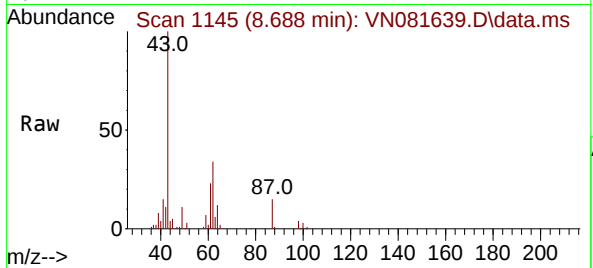
Tgt Ion: 62	Resp: 117590
Ion Ratio	Lower Upper
62	100
98	10.6 0.0 18.0





#43
Isopropyl Acetate
Concen: 18.829 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

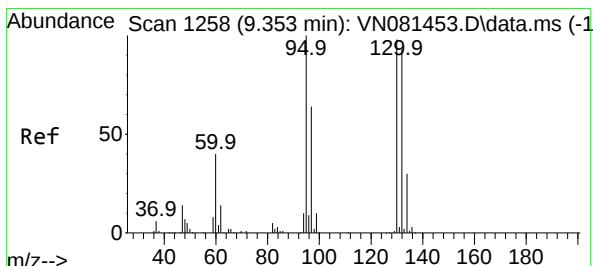
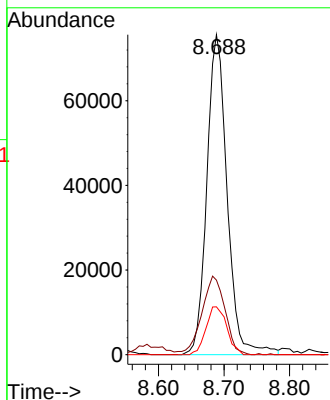
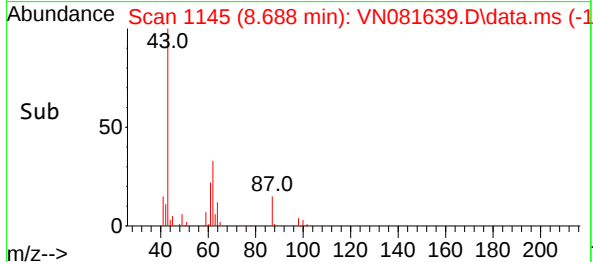
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 43 Resp: 162620
Ion Ratio Lower Upper
43 100
61 27.8 19.9 29.9
87 15.3 9.0 13.6

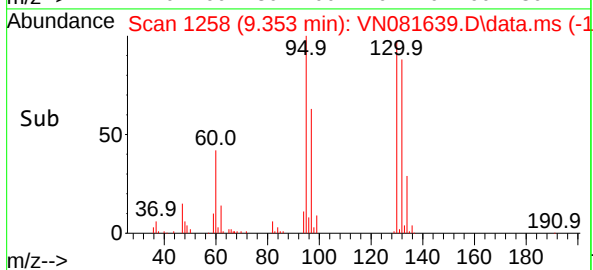
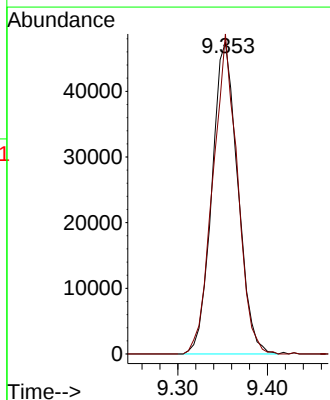
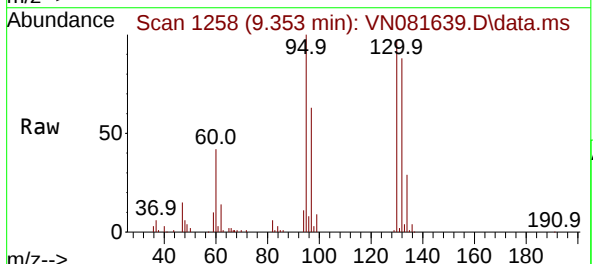
Manual Integrations
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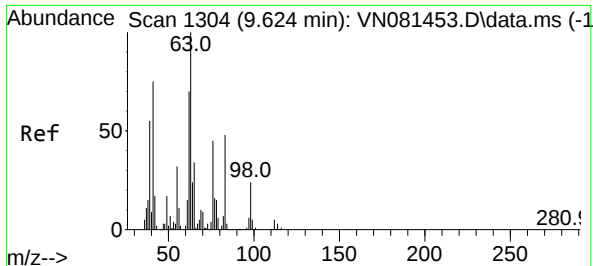
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#44
Trichloroethene
Concen: 18.954 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

Tgt Ion:130 Resp: 94833
Ion Ratio Lower Upper
130 100
95 102.8 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.664 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081639.D

Acq: 01 Apr 2024 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

Tgt Ion: 63 Resp: 8477

Ion Ratio Lower Upper

63 100

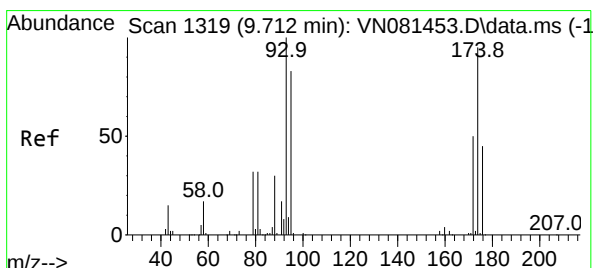
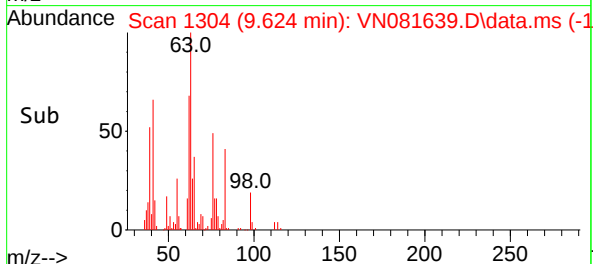
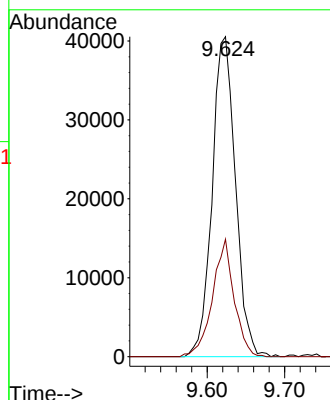
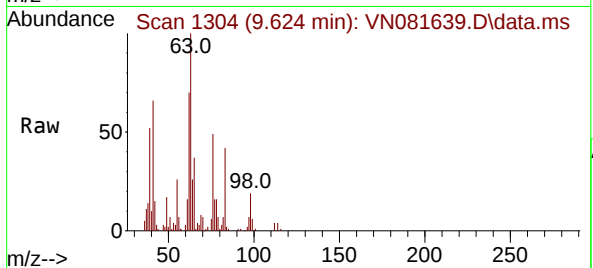
65 36.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#46

Dibromomethane

Concen: 19.358 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081639.D

Acq: 01 Apr 2024 11:00

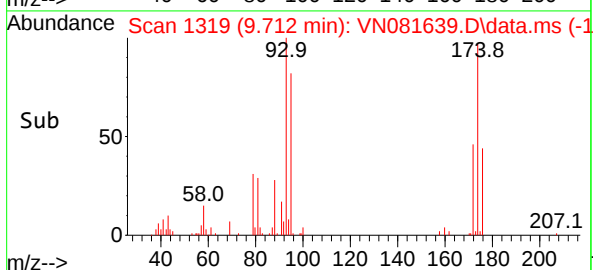
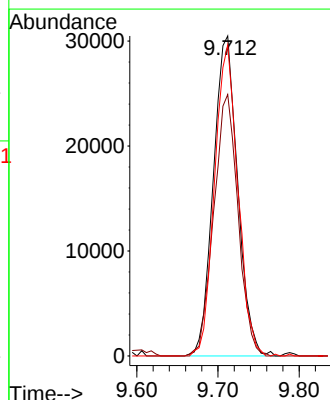
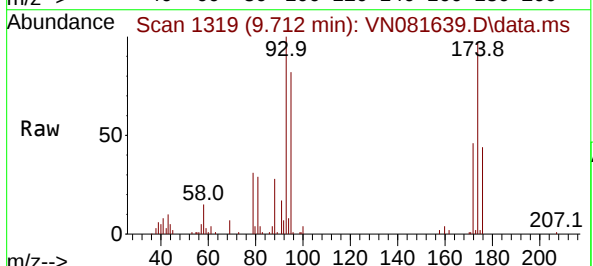
Tgt Ion: 93 Resp: 63379

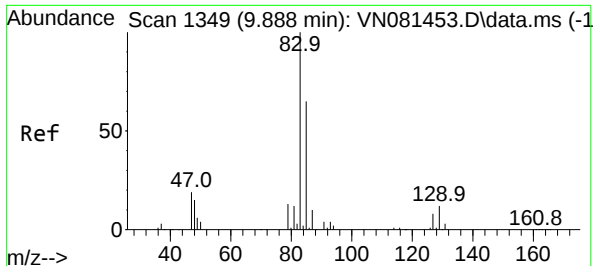
Ion Ratio Lower Upper

93 100

95 81.6 68.1 102.1

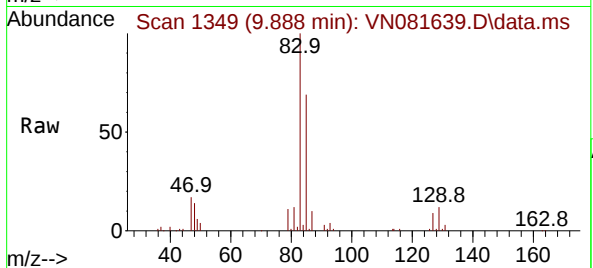
174 93.1 57.2 85.8#





#47
Bromodichloromethane
Concen: 20.638 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

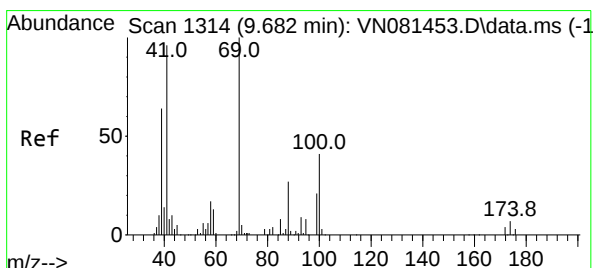
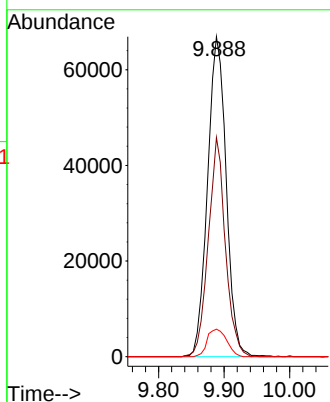
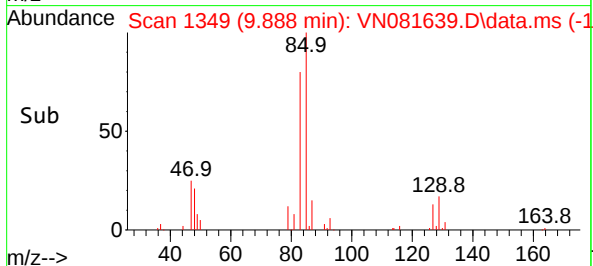
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



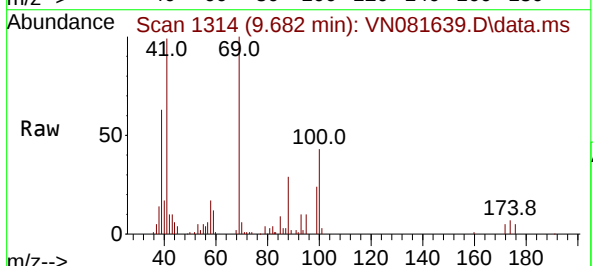
Tgt Ion: 83 Resp: 132114
Ion Ratio Lower Upper
83 100
85 68.5 52.3 78.5
127 8.6 4.6 7.0

Manual Integrations
APPROVED

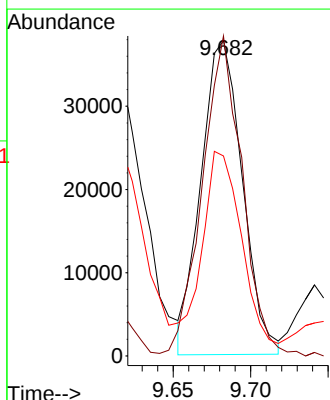
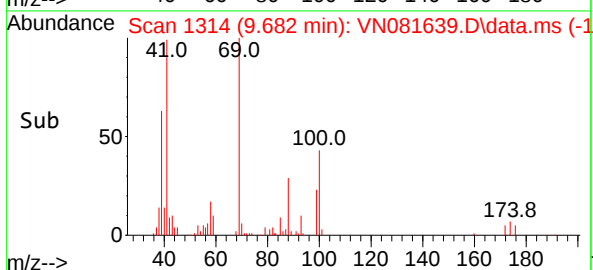
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

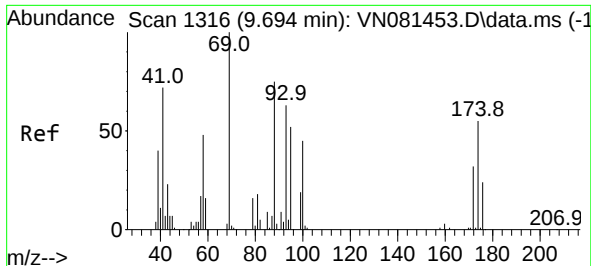


#48
Methyl methacrylate
Concen: 17.580 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00



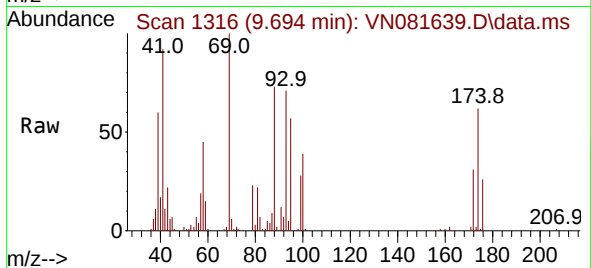
Tgt Ion: 41 Resp: 70034
Ion Ratio Lower Upper
41 100
69 98.5 62.2 93.2#
39 63.8 47.6 71.4





#49
1,4-Dioxane
Concen: 382.990 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

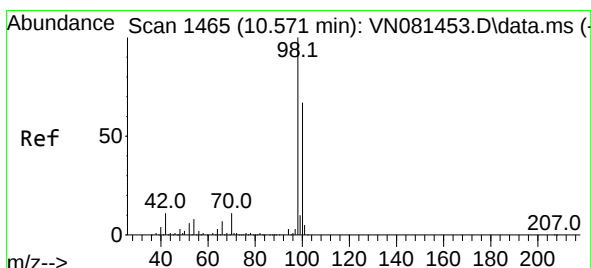
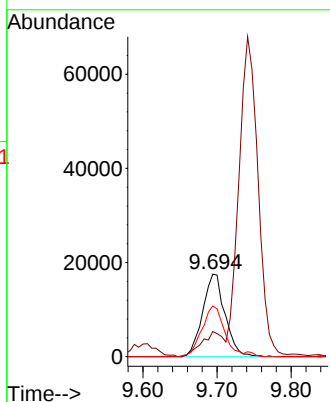
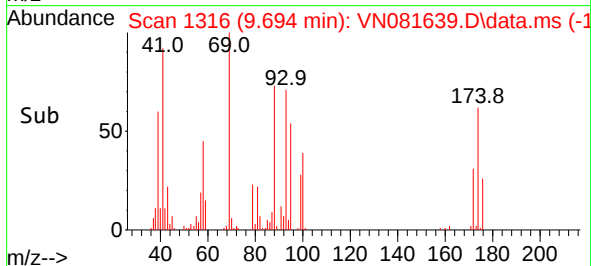
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



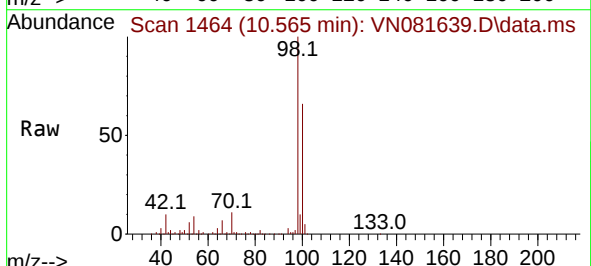
Tgt Ion: 88 Resp: 3666
Ion Ratio Lower Upper
88 100
43 29.6 30.1 45.1
58 63.6 63.9 95.9

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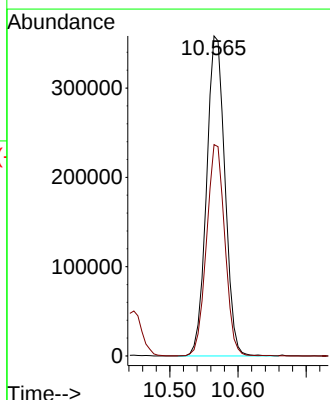
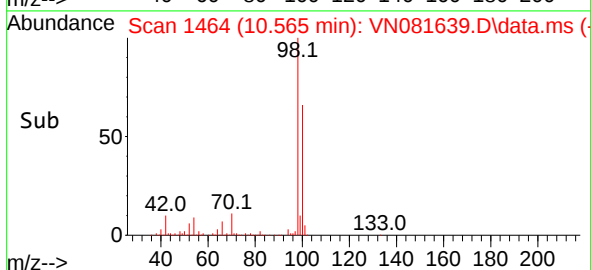
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

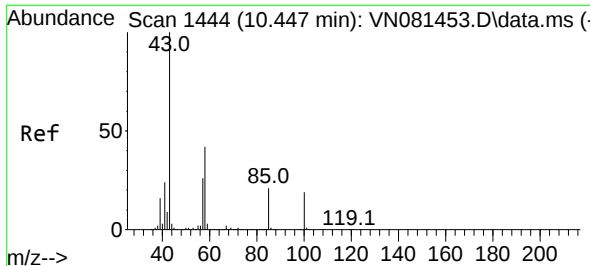


#50
Toluene-d8
Concen: 51.331 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00



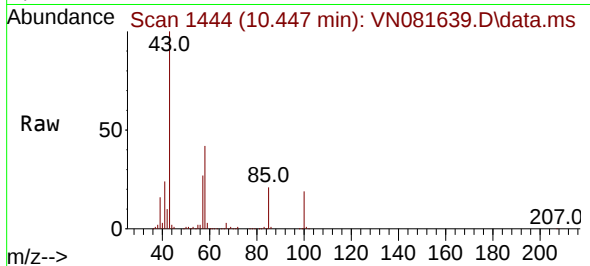
Tgt Ion: 98 Resp: 670922
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 92.944 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

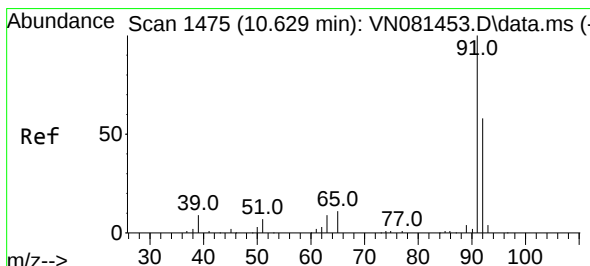
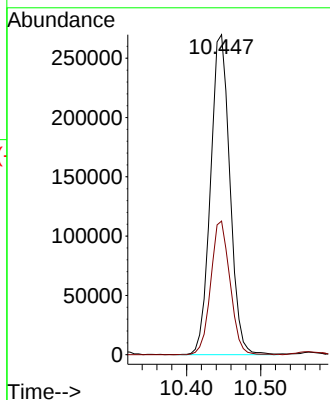
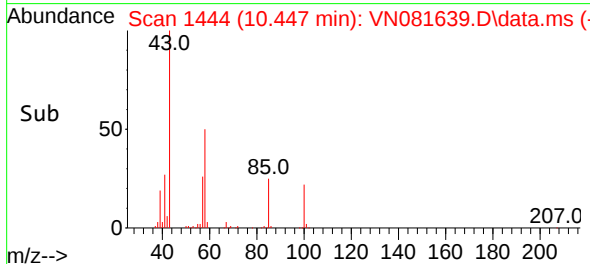
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 43 Resp: 48983
Ion Ratio Lower Upper
43 100
58 41.5 29.4 44.0

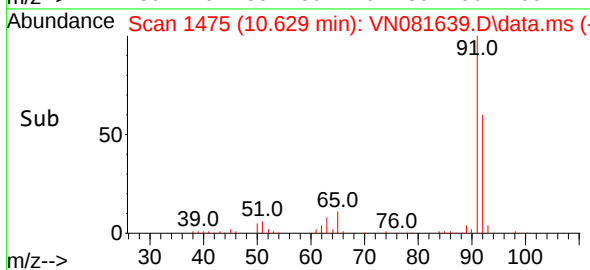
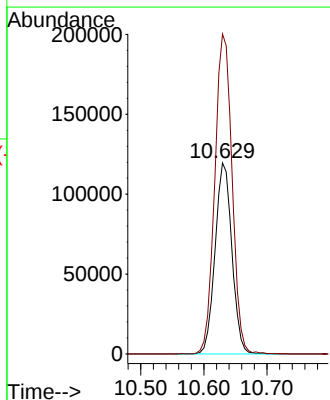
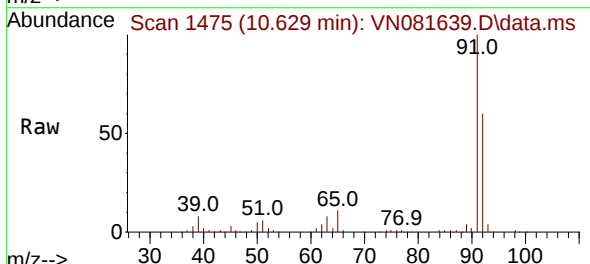
Manual Integrations
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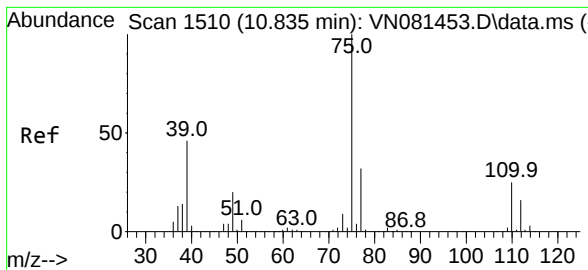
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#52
Toluene
Concen: 19.533 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

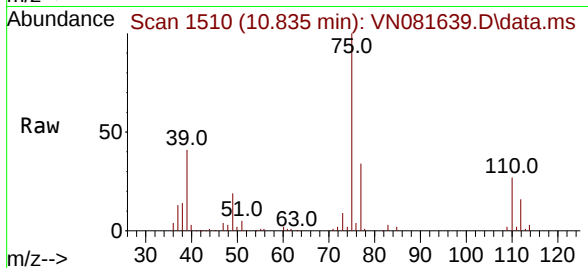
Tgt Ion: 92 Resp: 220860
Ion Ratio Lower Upper
92 100
91 172.6 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 18.338 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081639.D
 Acq: 01 Apr 2024 11:00

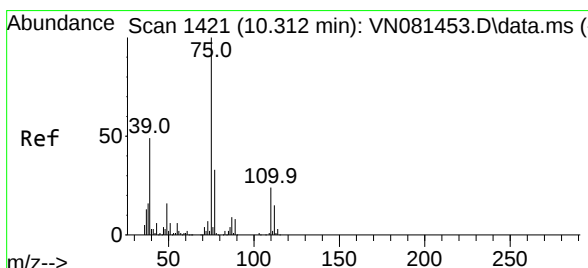
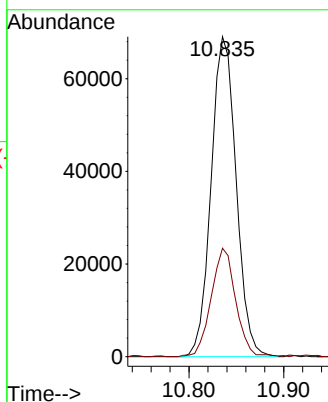
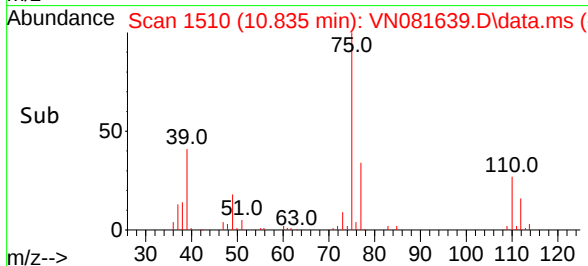
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01



Tgt Ion: 75 Resp: 126762
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.5 38.3

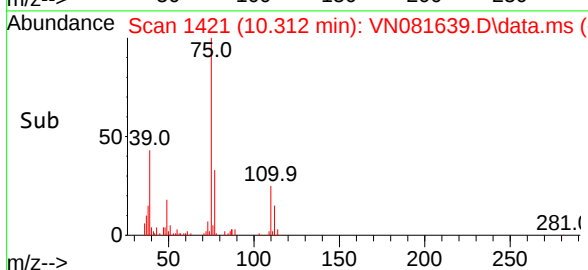
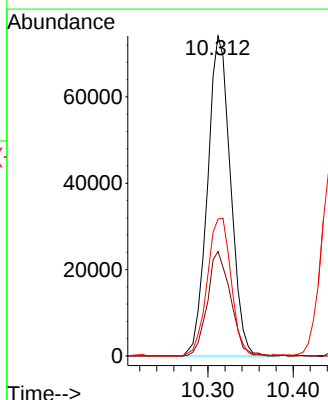
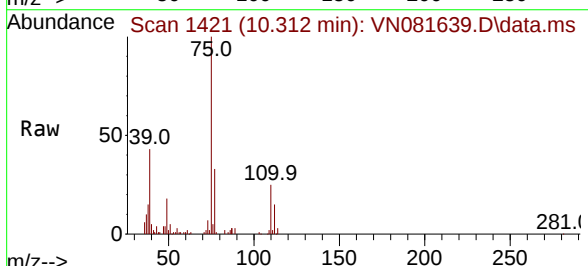
Manual Integrations
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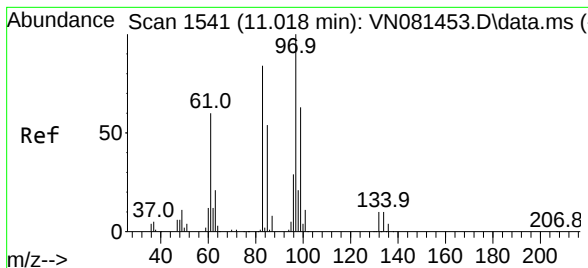
Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024



#54
 cis-1,3-Dichloropropene
 Concen: 18.742 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081639.D
 Acq: 01 Apr 2024 11:00

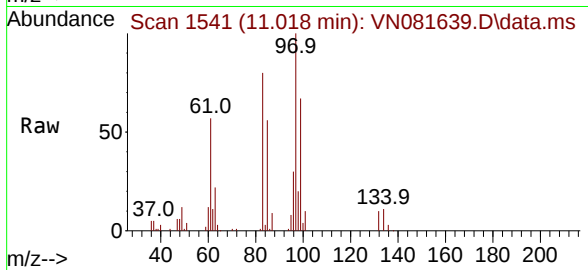
Tgt Ion: 75 Resp: 138903
 Ion Ratio Lower Upper
 75 100
 77 32.6 23.3 34.9
 39 42.8 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 20.096 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

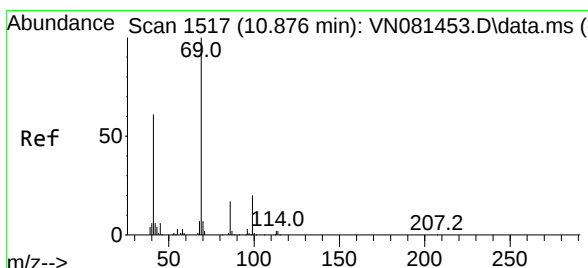
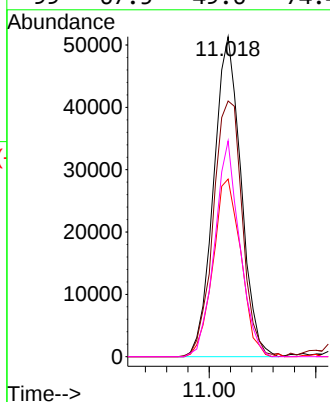
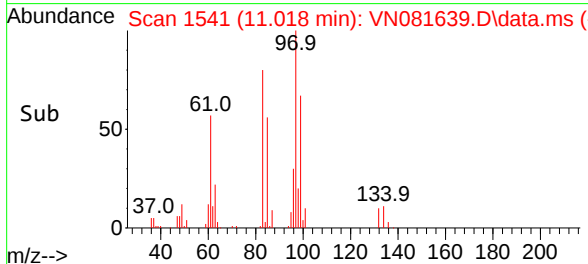
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 97 Resp: 91444
Ion Ratio Lower Upper
97 100
83 79.9 72.9 109.3
85 55.5 50.2 75.2
99 67.5 49.6 74.4

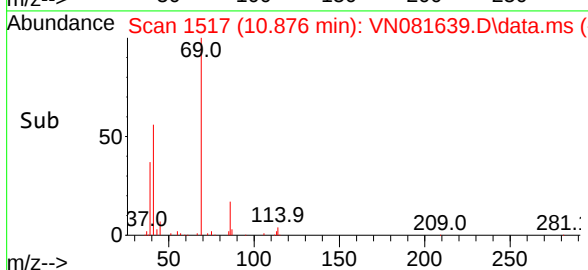
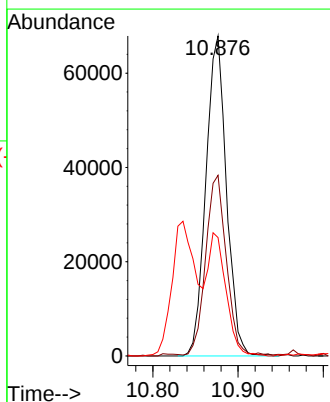
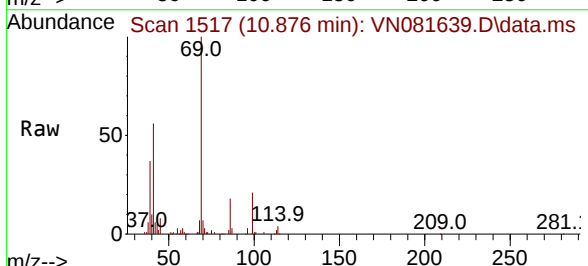
Manual Integrations
APPROVED

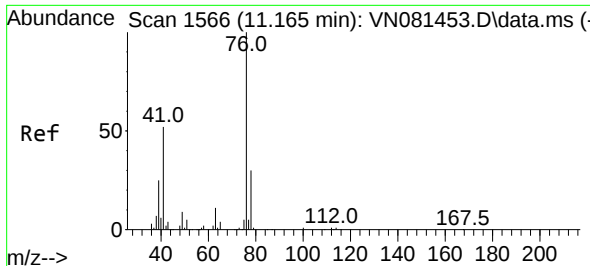
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#56
Ethyl methacrylate
Concen: 18.331 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

Tgt Ion: 69 Resp: 113849
Ion Ratio Lower Upper
69 100
41 56.1 61.0 91.6#
39 33.9 31.8 47.6





#57

1,3-Dichloropropane

Concen: 20.305 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081639.D

Acq: 01 Apr 2024 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

Tgt Ion: 76 Resp: 15146

Ion Ratio Lower Upper

76 100

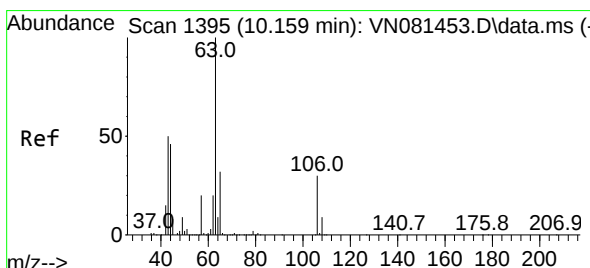
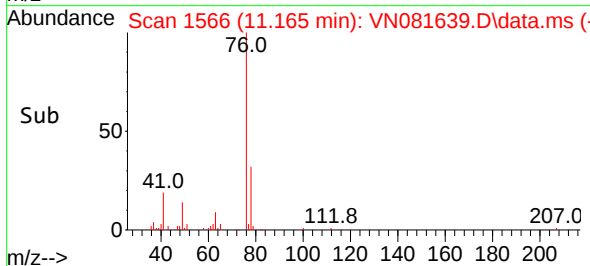
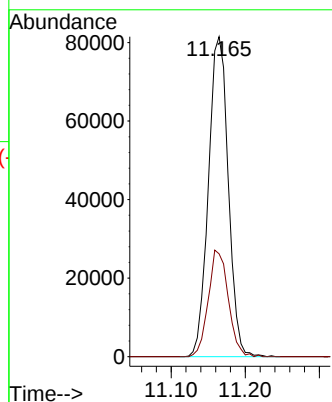
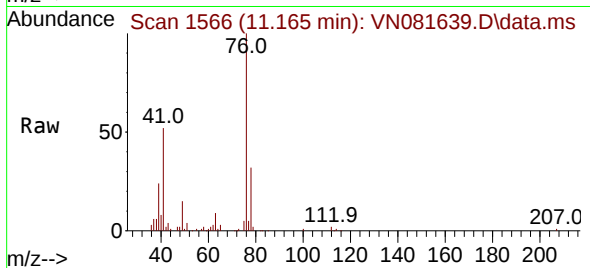
78 33.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#58

2-Chloroethyl Vinyl ether

Concen: 101.845 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081639.D

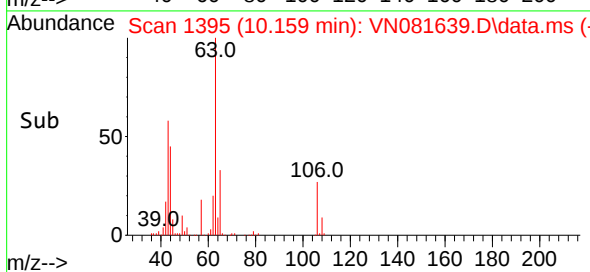
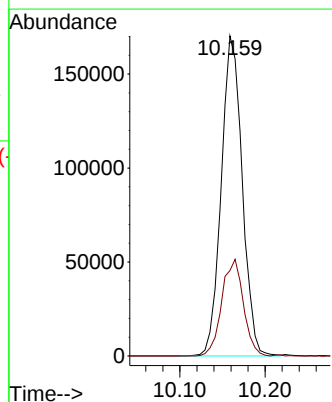
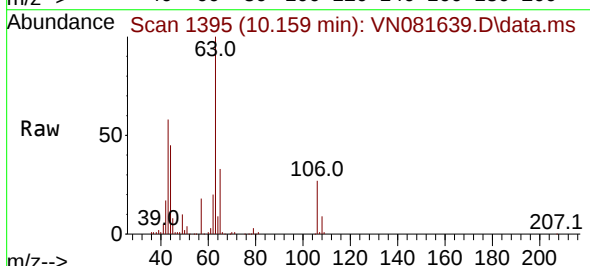
Acq: 01 Apr 2024 11:00

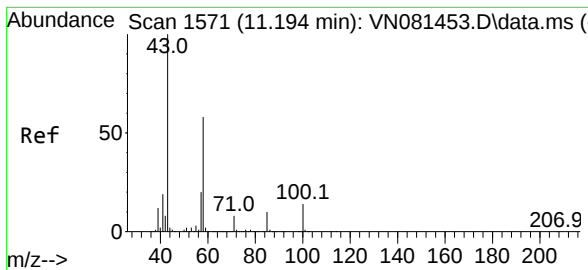
Tgt Ion: 63 Resp: 291603

Ion Ratio Lower Upper

63 100

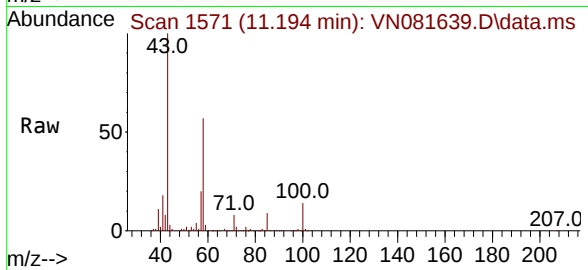
106 31.0 18.6 28.0#





#59
2-Hexanone
Concen: 94.148 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

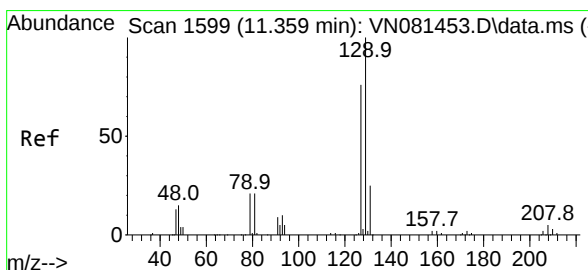
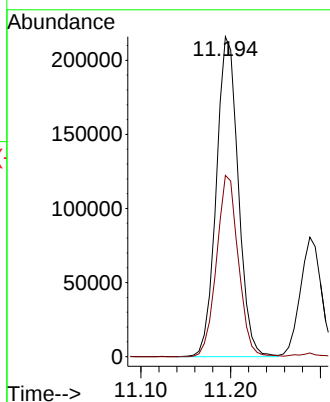
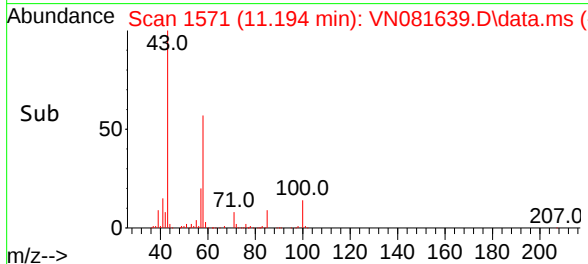
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 43 Resp: 36684
Ion Ratio Lower Upper
43 100
58 56.2 25.9 77.8

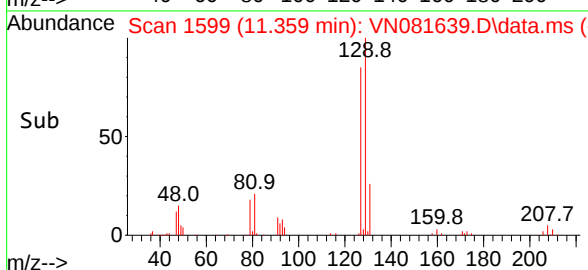
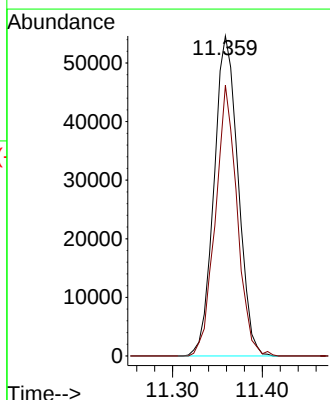
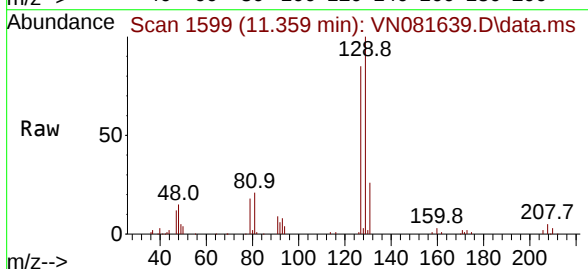
Manual Integrations
APPROVED

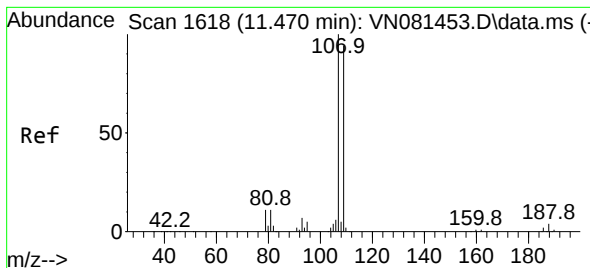
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#60
Dibromochloromethane
Concen: 20.323 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

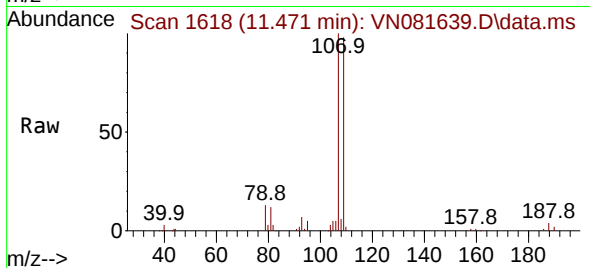
Tgt Ion:129 Resp: 101704
Ion Ratio Lower Upper
129 100
127 76.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 19.681 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

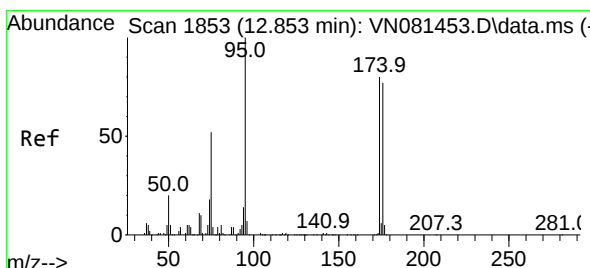
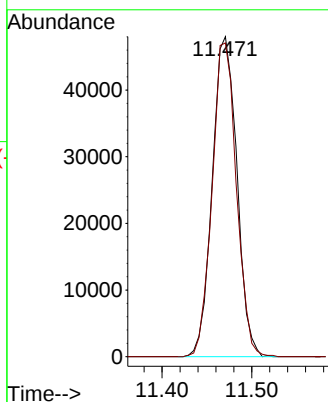
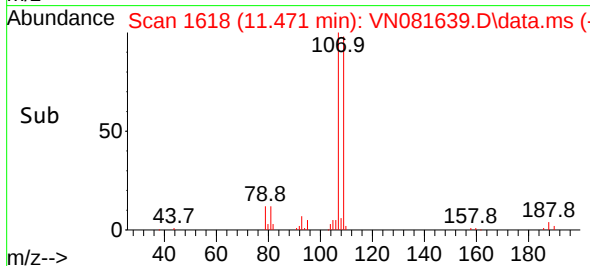
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



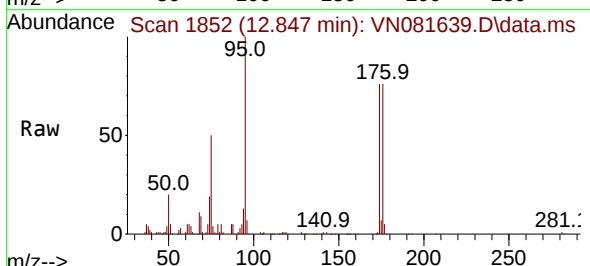
Tgt Ion:107 Resp: 91304
Ion Ratio Lower Upper
107 100
109 96.9 73.4 110.2

Manual Integrations
APPROVED

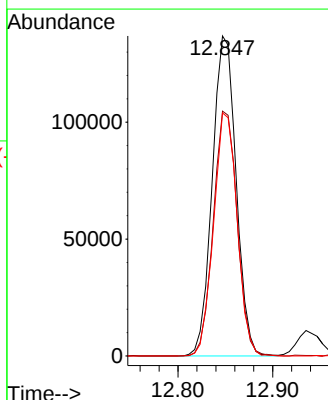
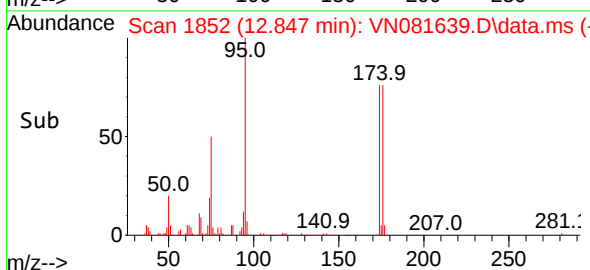
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

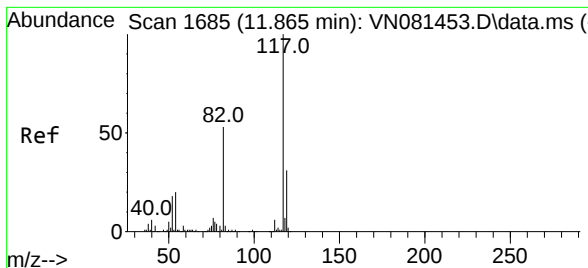


#62
4-Bromofluorobenzene
Concen: 52.024 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00



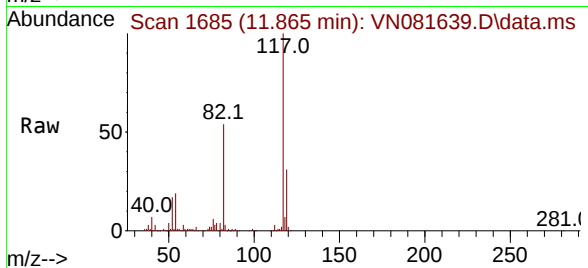
Tgt Ion: 95 Resp: 239598
Ion Ratio Lower Upper
95 100
174 76.5 0.0 120.4
176 74.9 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

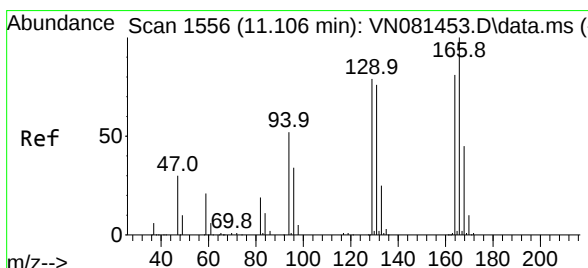
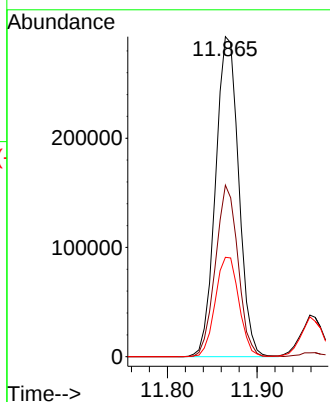
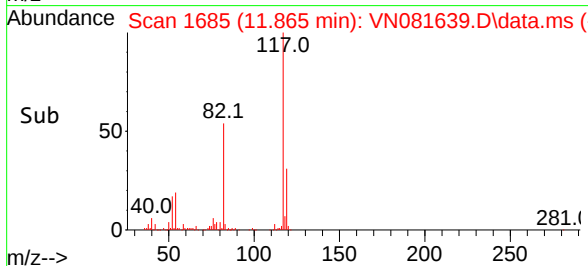
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion:117 Resp: 52526
Ion Ratio Lower Upper
117 100
82 53.6 52.7 79.1
119 31.1 25.3 37.9

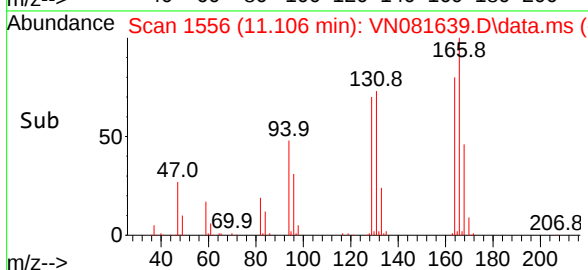
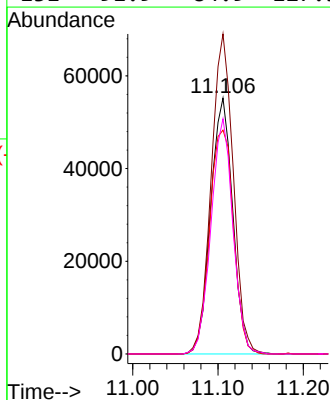
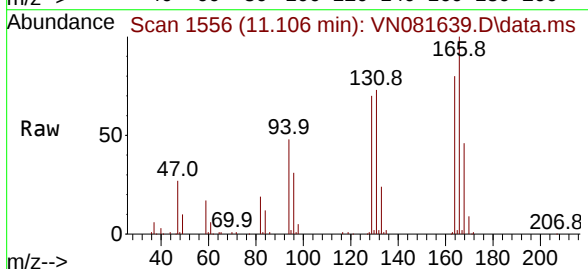
Manual Integrations
APPROVED

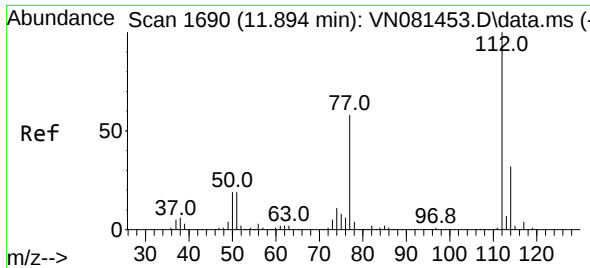
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#64
Tetrachloroethene
Concen: 19.782 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

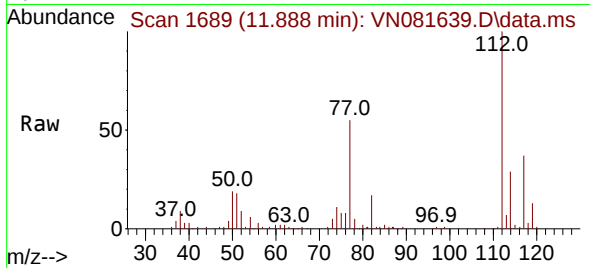
Tgt Ion:164 Resp: 99323
Ion Ratio Lower Upper
164 100
166 125.1 105.8 158.6
129 87.5 89.6 134.4#
131 91.9 84.9 127.3





#65
Chlorobenzene
Concen: 19.151 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

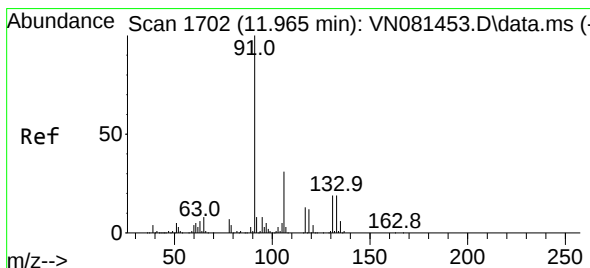
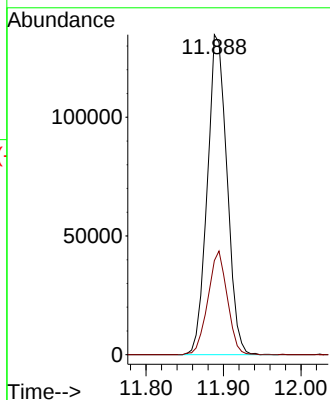
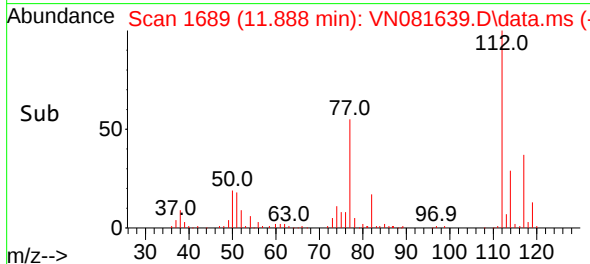
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion:112 Resp: 237808
Ion Ratio Lower Upper
112 100
114 29.4 23.7 35.5

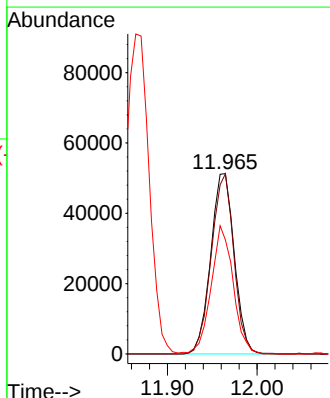
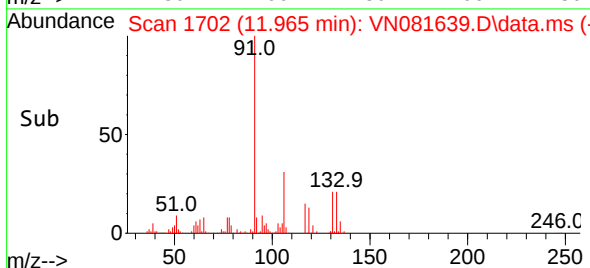
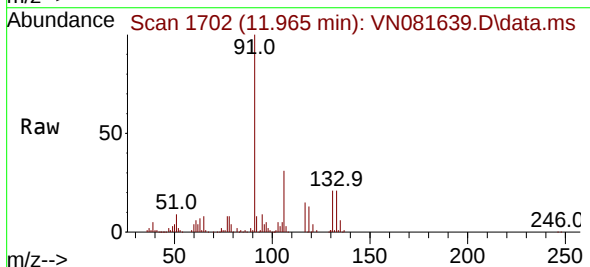
Manual Integrations
APPROVED

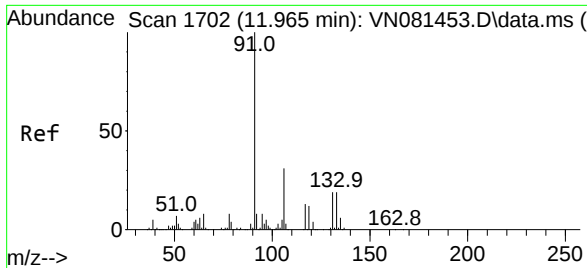
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.382 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

Tgt Ion:131 Resp: 93804
Ion Ratio Lower Upper
131 100
133 95.3 46.8 140.3
119 66.3 34.6 103.9





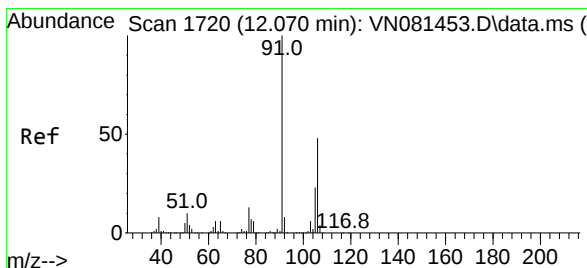
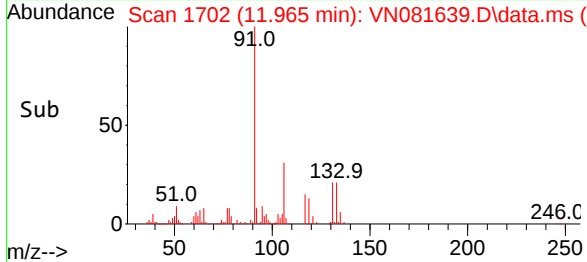
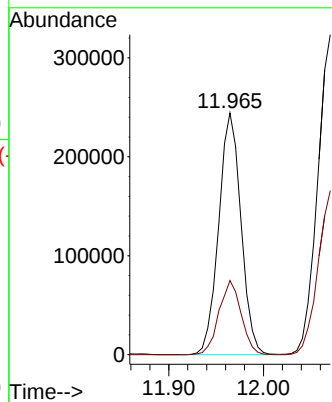
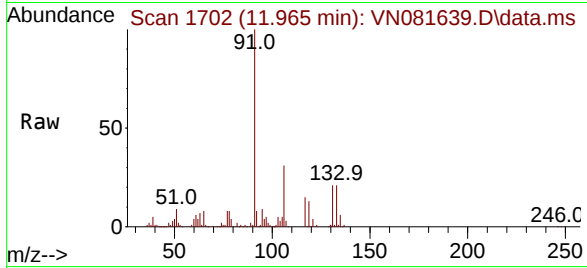
#67
Ethyl Benzene
Concen: 18.537 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

Tgt Ion: 91 Resp: 399844
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.6

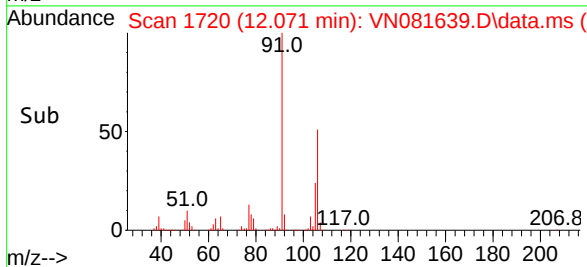
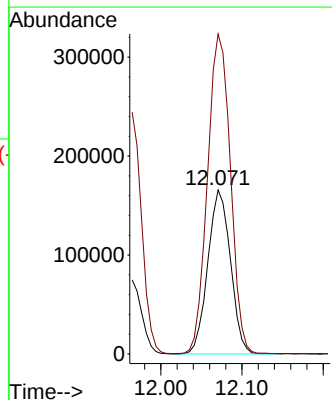
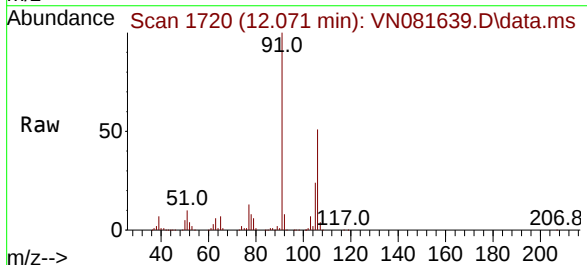
Manual Integrations
APPROVED

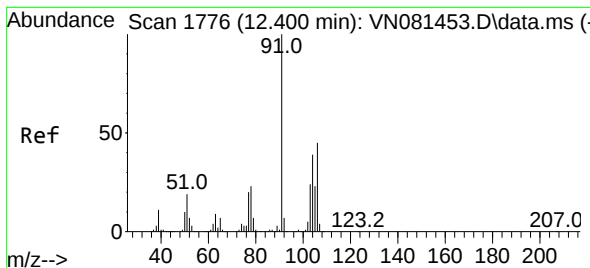
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#68
m/p-Xylenes
Concen: 39.712 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

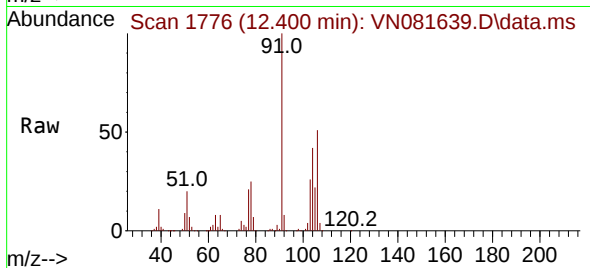
Tgt Ion:106 Resp: 321118
Ion Ratio Lower Upper
106 100
91 197.7 169.0 253.6





#69
o-Xylene
Concen: 19.522 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

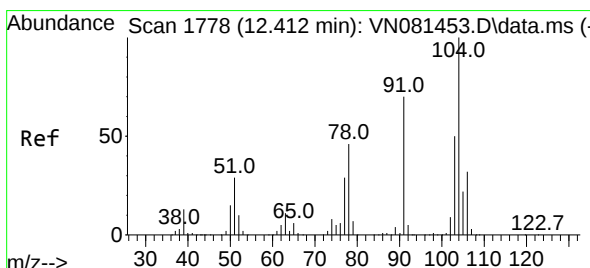
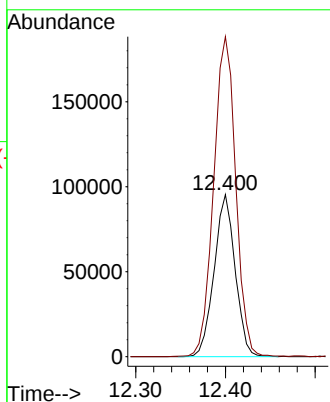
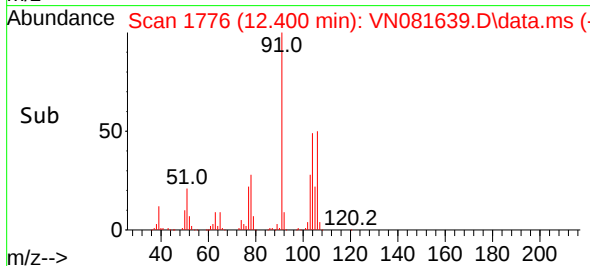
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion:106 Resp: 154970
Ion Ratio Lower Upper
106 100
91 207.6 112.1 336.3

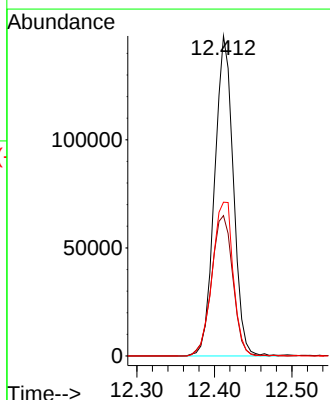
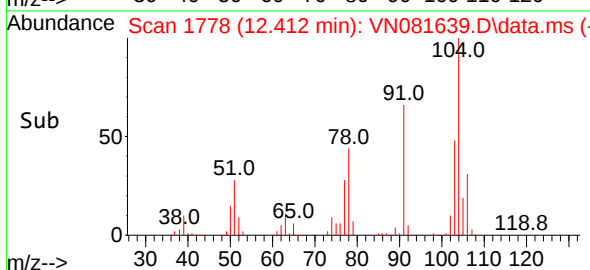
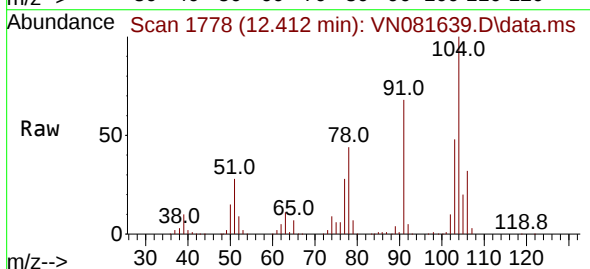
Manual Integrations
APPROVED

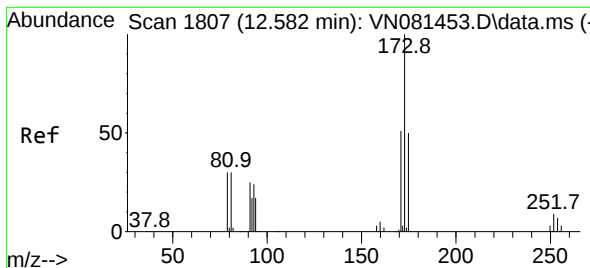
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#70
Styrene
Concen: 19.408 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

Tgt Ion:104 Resp: 248485
Ion Ratio Lower Upper
104 100
78 49.8 43.8 65.8
103 53.8 44.2 66.2





#71

Bromoform

Concen: 19.199 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081639.D

Acq: 01 Apr 2024 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

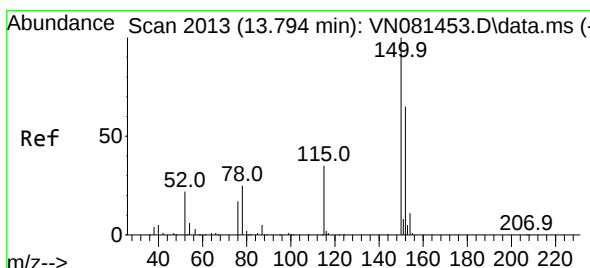
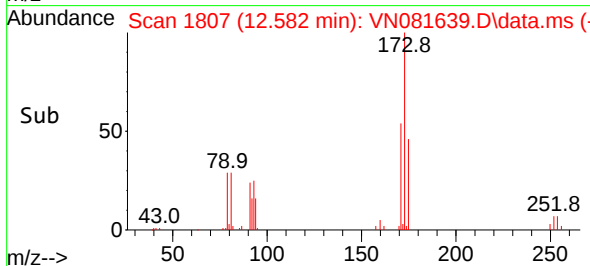
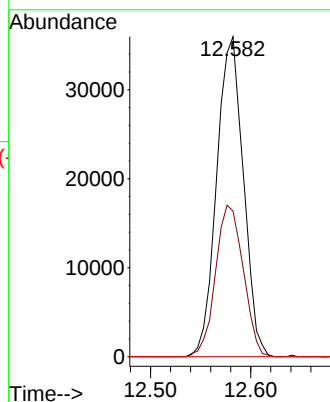
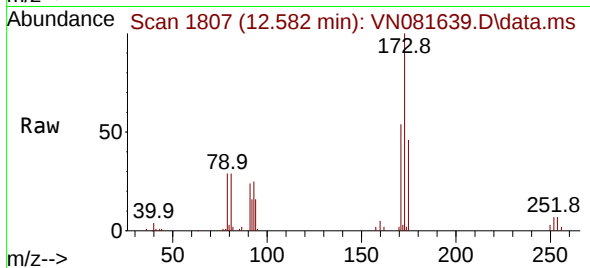
Tgt Ion:	173	Resp:	66398
Ion Ratio	Lower	Upper	
173	100		
175	49.3	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

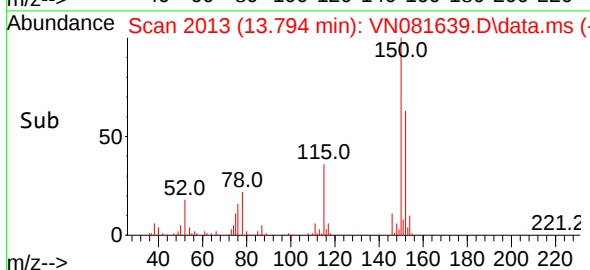
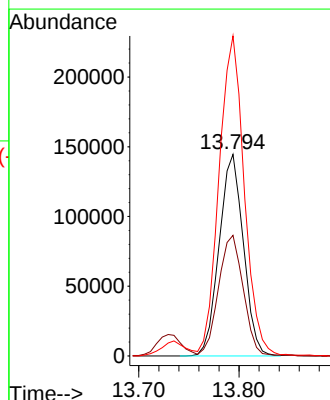
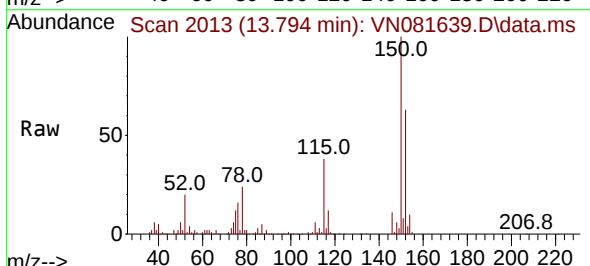
RT: 13.794 min Scan# 2013

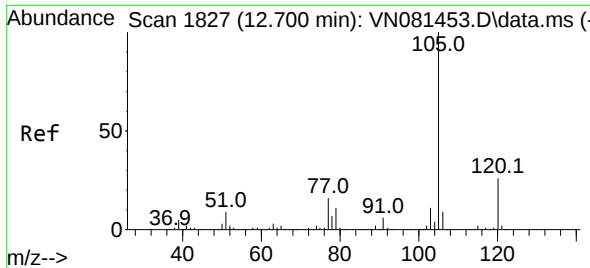
Delta R.T. 0.000 min

Lab File: VN081639.D

Acq: 01 Apr 2024 11:00

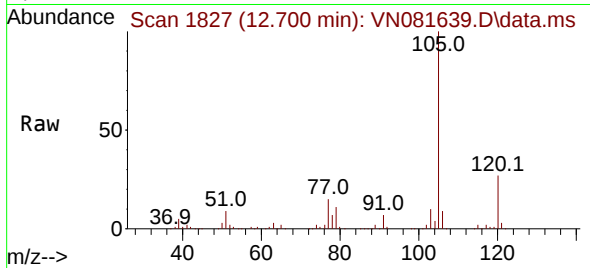
Tgt Ion:	152	Resp:	242340
Ion Ratio	Lower	Upper	
152	100		
115	61.2	32.3	96.8
150	164.2	0.0	339.8





#73
Isopropylbenzene
Concen: 19.067 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

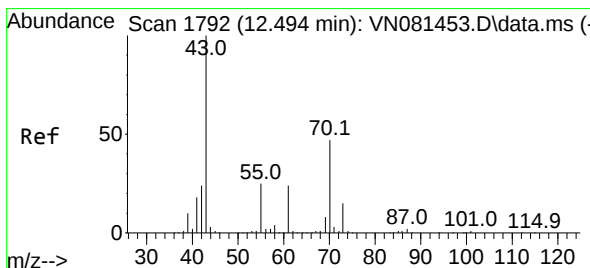
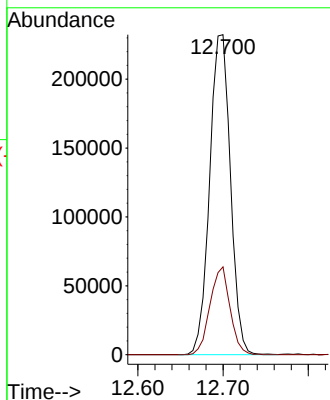
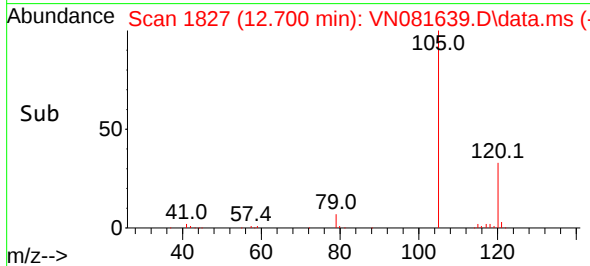
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



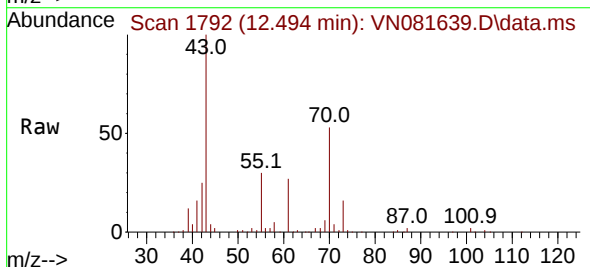
Tgt Ion:105 Resp: 393869
Ion Ratio Lower Upper
105 100
120 26.3 12.6 37.6

Manual Integrations
APPROVED

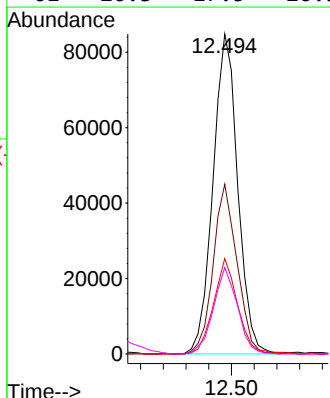
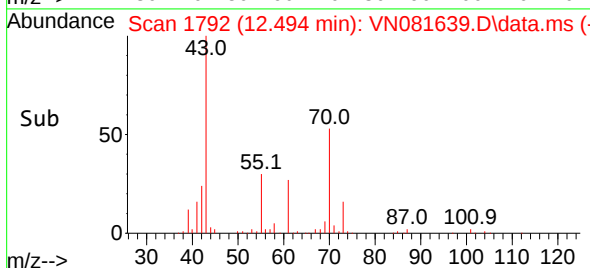
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

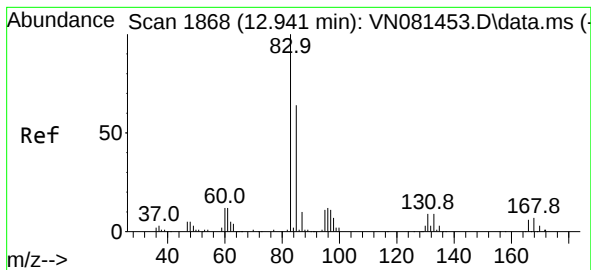


#74
N-ethyl acetate
Concen: 17.160 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00



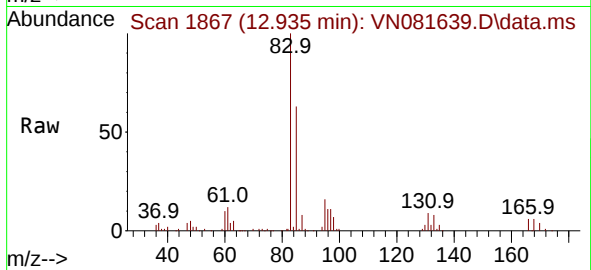
Tgt Ion: 43 Resp: 128285
Ion Ratio Lower Upper
43 100
70 51.4 30.1 45.1#
55 29.0 17.0 25.4#
61 26.3 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.196 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

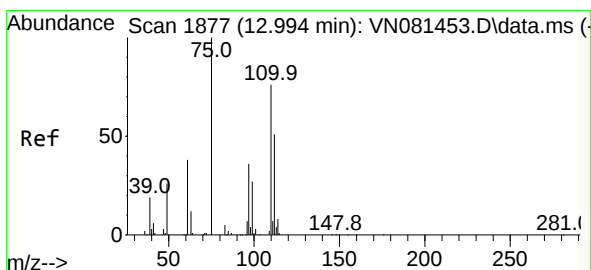
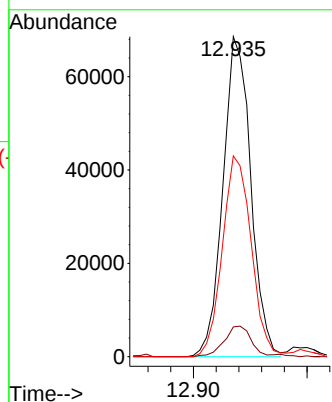
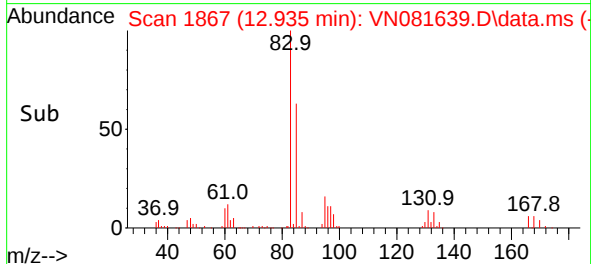
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 83 Resp: 116580
Ion Ratio Lower Upper
83 100
131 9.6 4.1 12.3
85 65.2 32.1 96.3

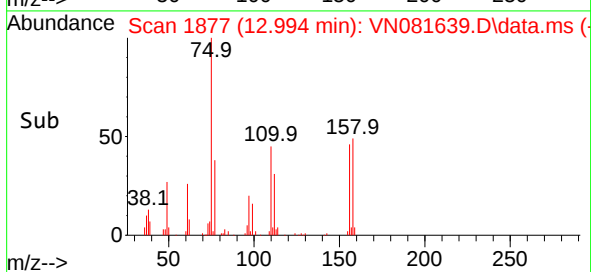
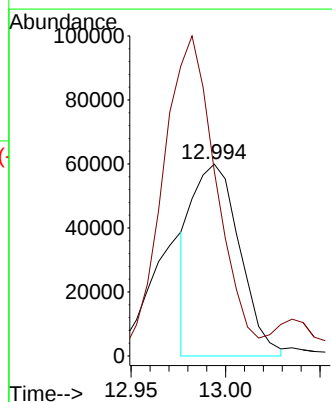
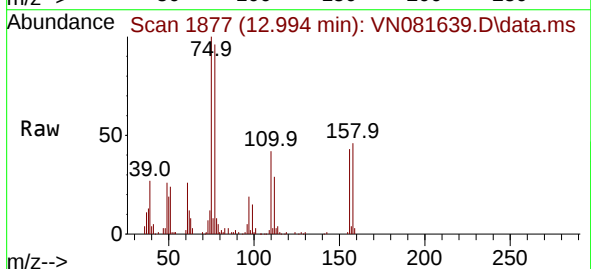
Manual Integrations
APPROVED

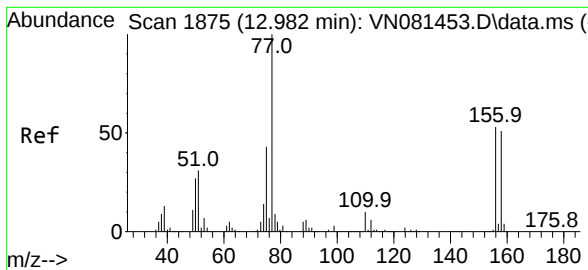
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#76
1,2,3-Trichloropropane
Concen: 18.169 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

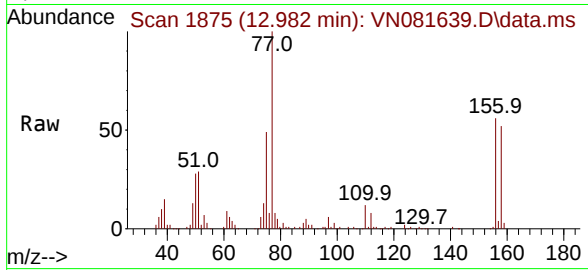
Tgt Ion: 75 Resp: 105325
Ion Ratio Lower Upper
75 100
77 188.6 91.0 272.8





#77
Bromobenzene
Concen: 18.848 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

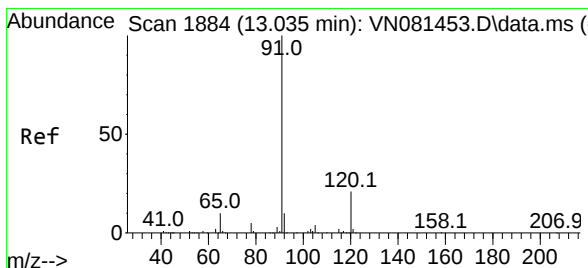
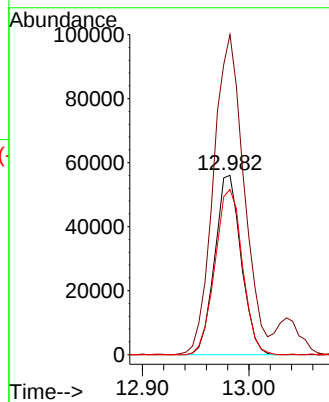
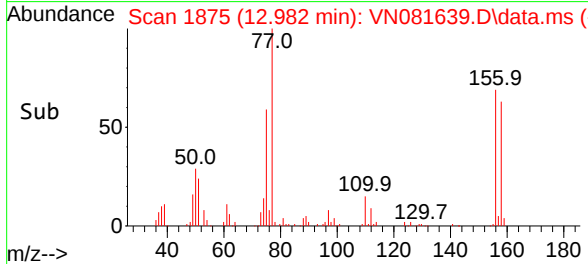
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion:156 Resp: 9618
Ion Ratio Lower Upper
156 100
77 206.5 138.1 414.3
158 96.2 46.5 139.5

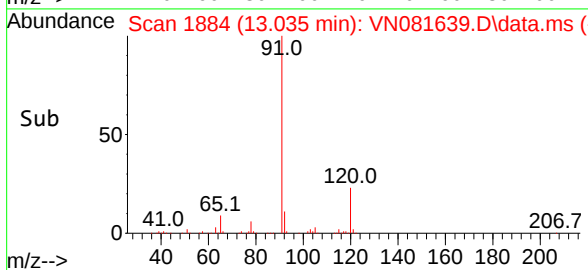
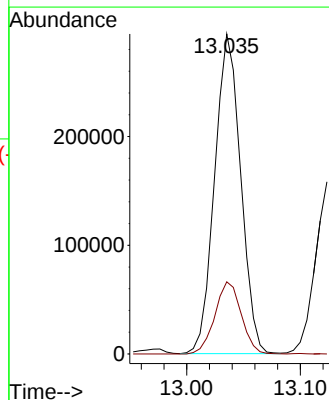
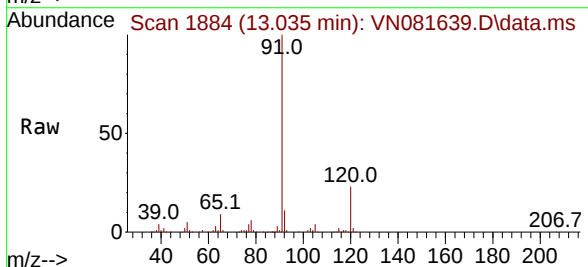
Manual Integrations
APPROVED

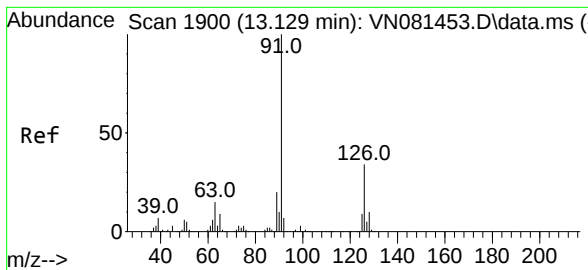
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#78
n-propylbenzene
Concen: 19.192 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

Tgt Ion: 91 Resp: 468188
Ion Ratio Lower Upper
91 100
120 22.8 10.3 30.9





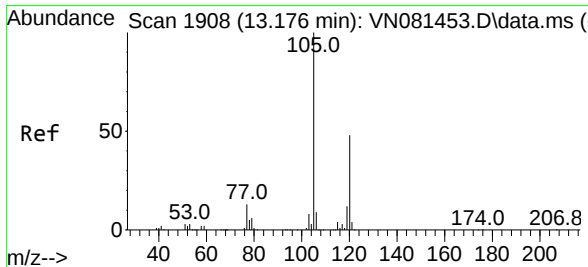
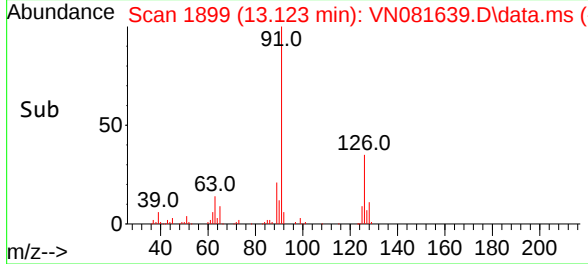
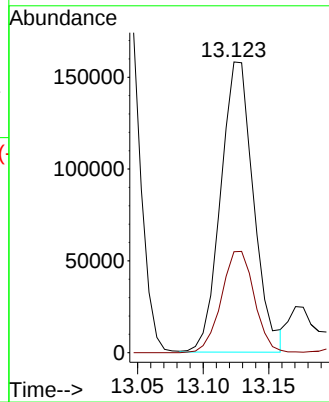
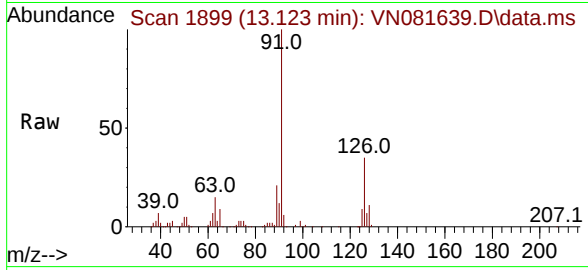
#79
2-Chlorotoluene
Concen: 18.898 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

Tgt Ion: 91 Resp: 27592
Ion Ratio Lower Upper
91 100
126 35.0 14.8 44.4

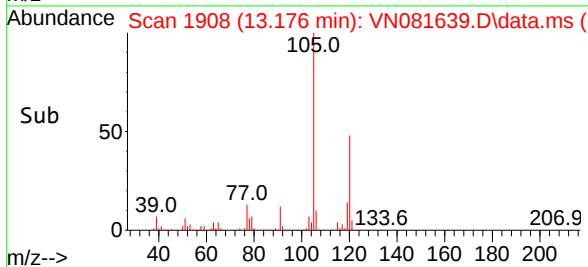
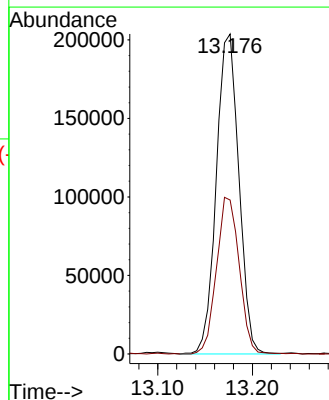
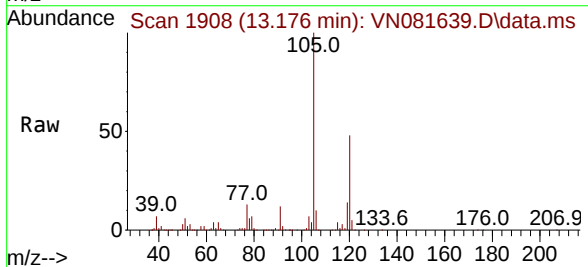
Manual Integrations
APPROVED

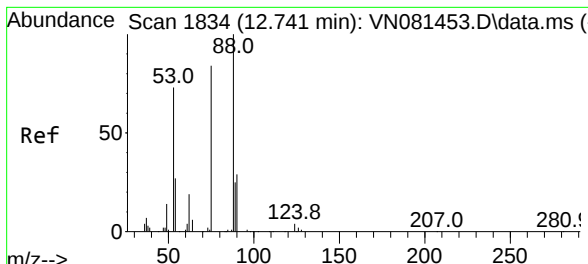
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.767 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

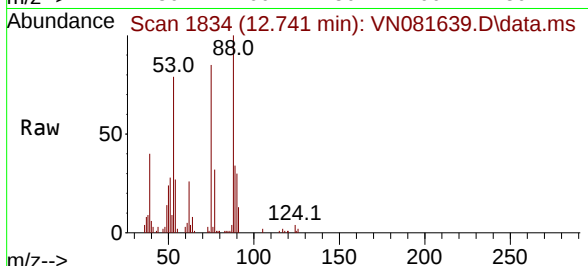
Tgt Ion:105 Resp: 337261
Ion Ratio Lower Upper
105 100
120 49.4 23.0 69.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 17.532 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN081639.D
 Acq: 01 Apr 2024 11:00

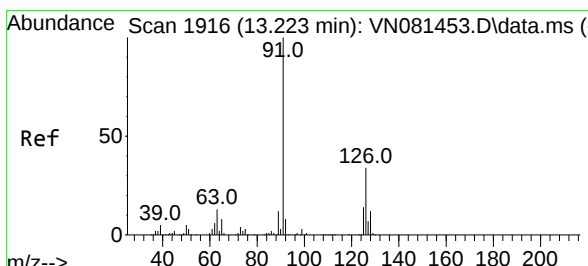
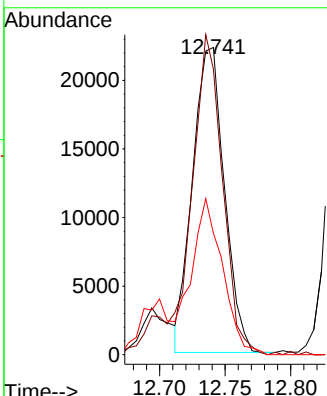
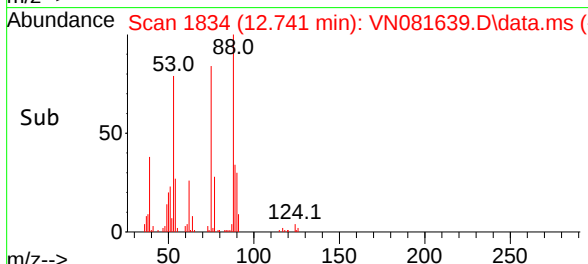
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01



Tgt Ion:	75	Resp:	37608
Ion Ratio	Lower	Upper	
75	100		
53	108.8	71.4	107.2
89	49.7	33.4	50.0

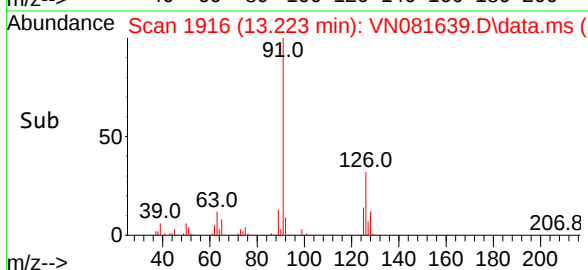
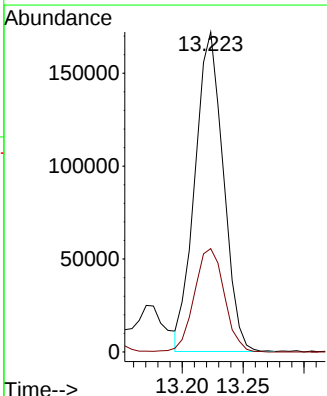
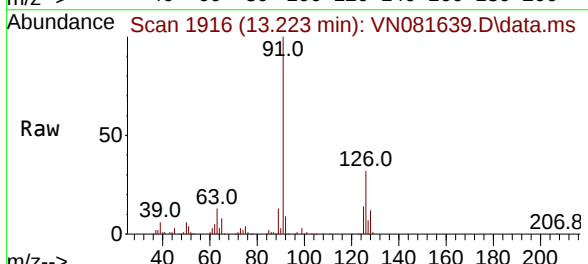
Manual Integrations
 APPROVED

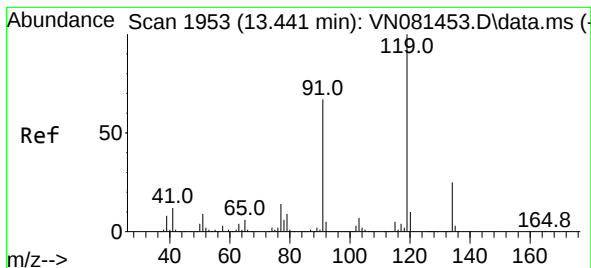
Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024



#82
 4-Chlorotoluene
 Concen: 19.348 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN081639.D
 Acq: 01 Apr 2024 11:00

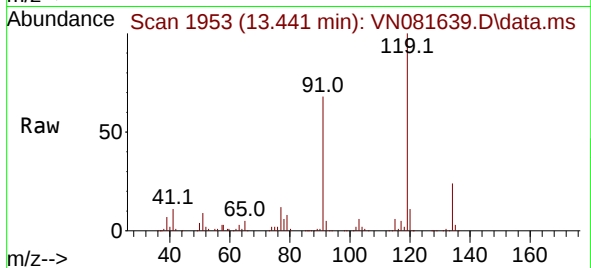
Tgt Ion:	91	Resp:	278515
Ion Ratio	Lower	Upper	
91	100		
126	34.3	15.3	45.9





#83
tert-Butylbenzene
Concen: 19.234 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

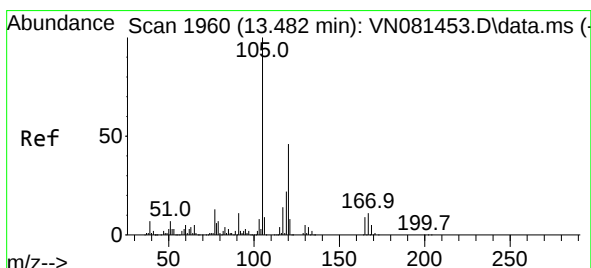
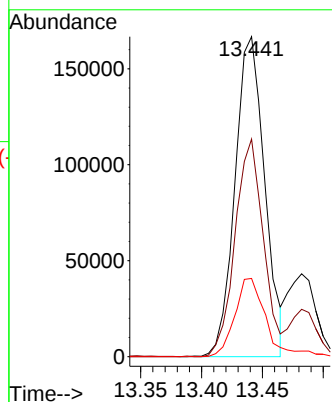
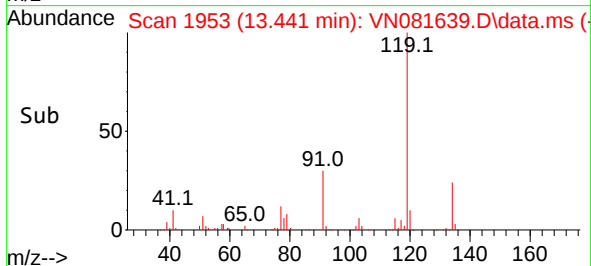
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



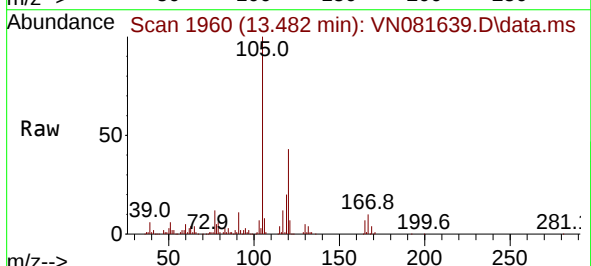
Tgt Ion:119 Resp: 282985
Ion Ratio Lower Upper
119 100
91 64.8 36.8 110.4
134 25.7 12.4 37.4

Manual Integrations
APPROVED

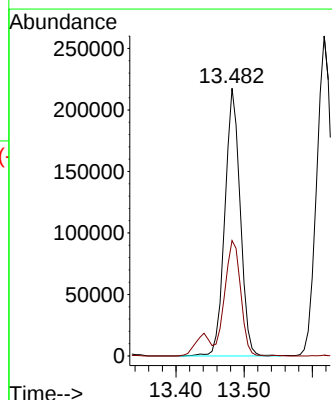
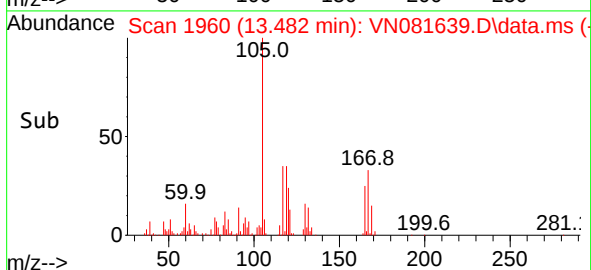
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

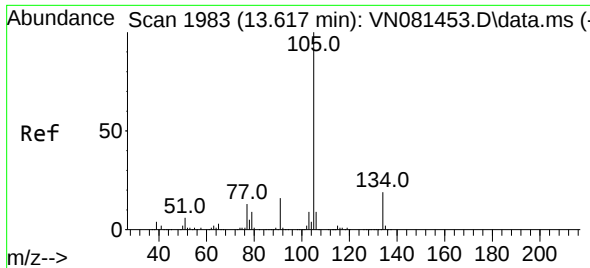


#84
1,2,4-Trimethylbenzene
Concen: 19.840 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00



Tgt Ion:105 Resp: 340221
Ion Ratio Lower Upper
105 100
120 44.9 20.9 62.7





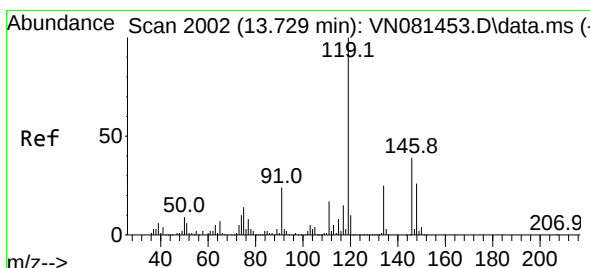
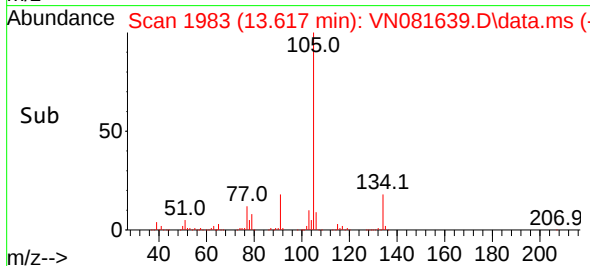
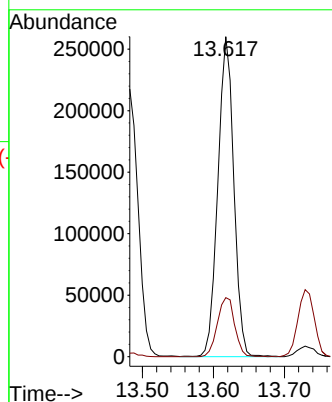
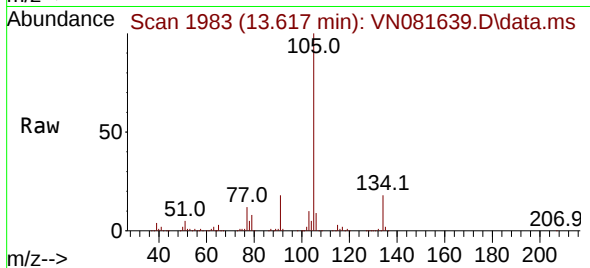
#85
 sec-Butylbenzene
 Concen: 19.205 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081639.D
 Acq: 01 Apr 2024 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01

Tgt Ion:105 Resp: 40394
 Ion Ratio Lower Upper
 105 100
 134 20.0 8.6 25.8

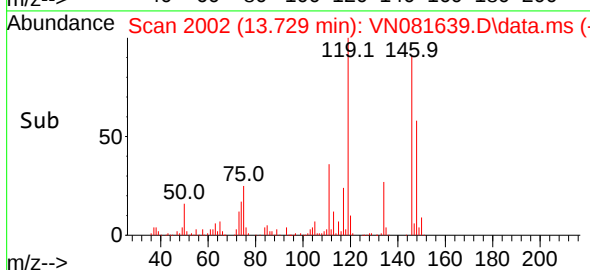
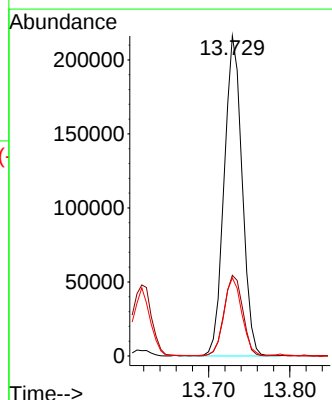
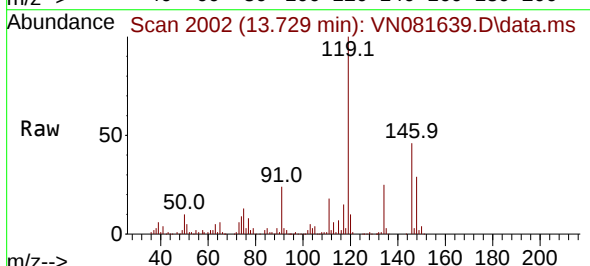
Manual Integrations
 APPROVED

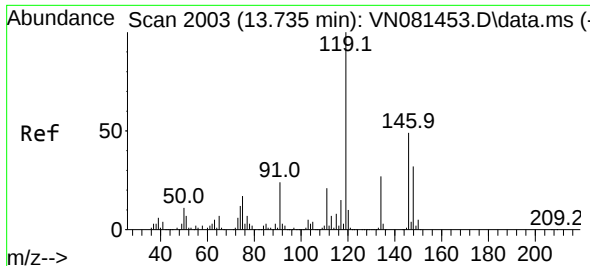
Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024



#86
 p-Isopropyltoluene
 Concen: 19.382 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081639.D
 Acq: 01 Apr 2024 11:00

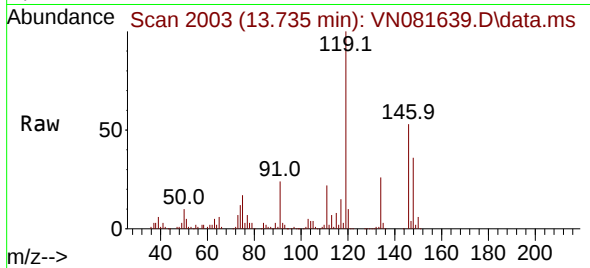
Tgt Ion:119 Resp: 333242
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.4 37.2
 91 24.3 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 19.044 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

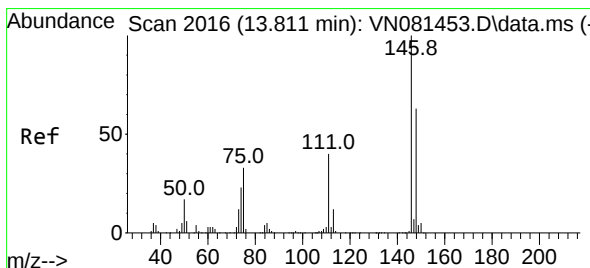
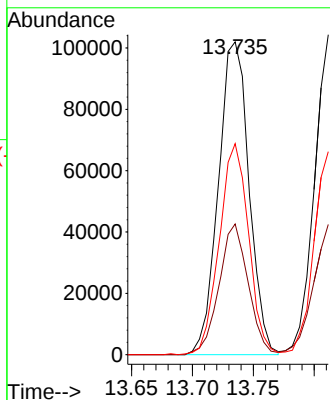
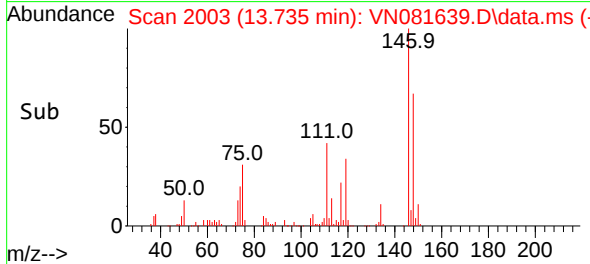
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



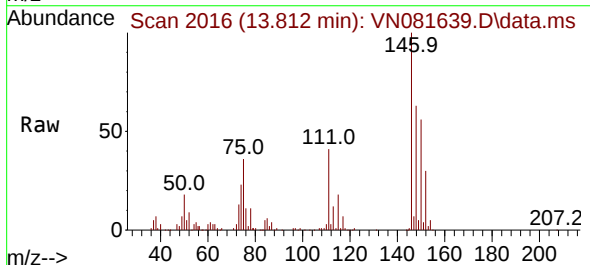
Tgt Ion:146 Resp: 178550
Ion Ratio Lower Upper
146 100
111 39.8 23.9 71.7
148 64.6 32.6 97.7

Manual Integrations
APPROVED

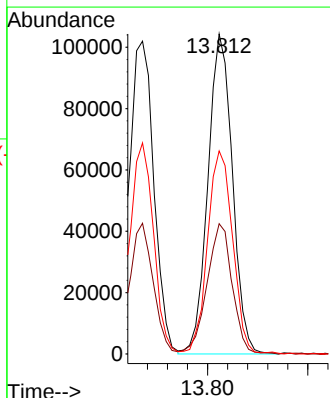
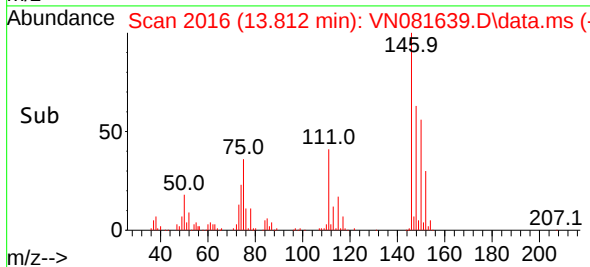
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

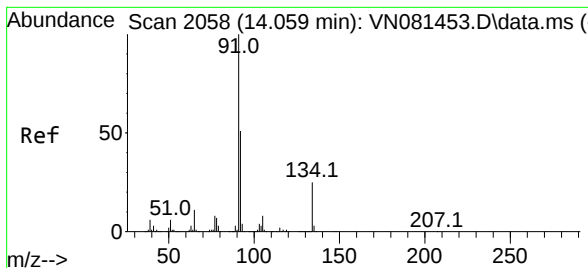


#88
1,4-Dichlorobenzene
Concen: 18.248 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00



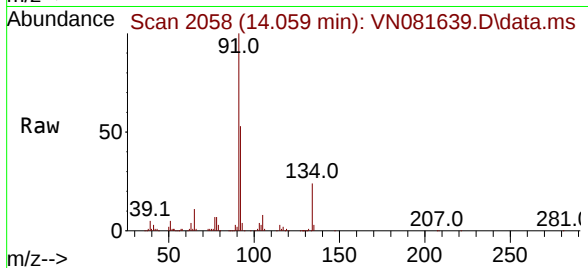
Tgt Ion:146 Resp: 177154
Ion Ratio Lower Upper
146 100
111 41.9 22.6 67.7
148 65.3 31.9 95.5





#89
n-Butylbenzene
Concen: 17.918 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

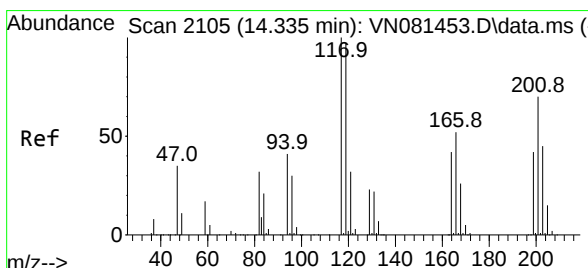
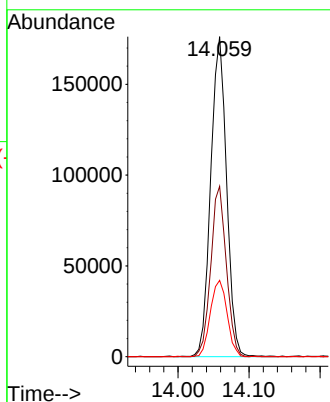
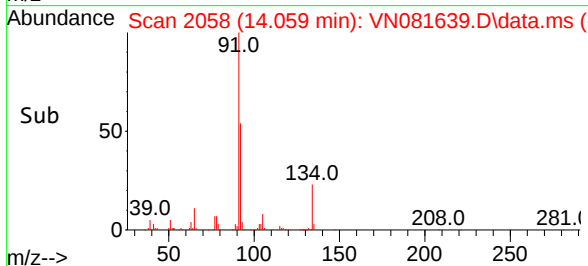
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion: 91 Resp: 27316
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.1
134 25.1 10.8 32.4

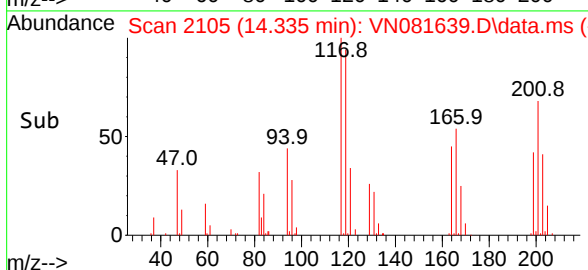
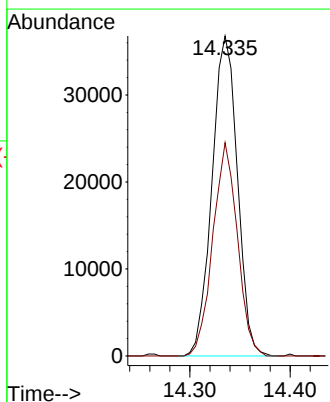
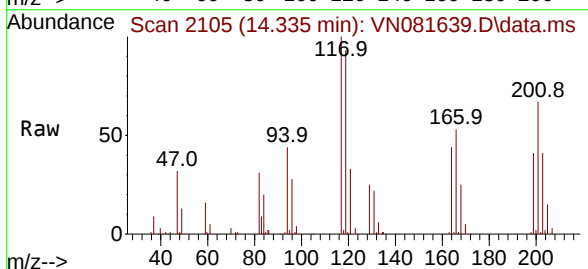
Manual Integrations
APPROVED

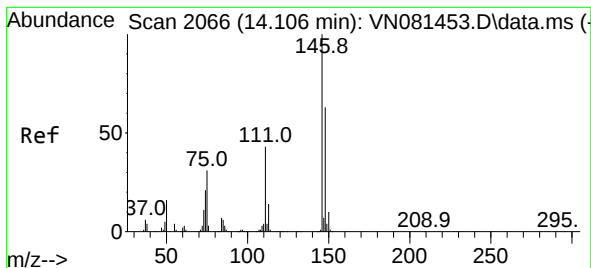
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#90
Hexachloroethane
Concen: 19.891 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

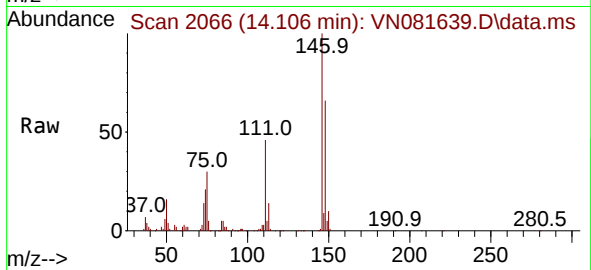
Tgt Ion:117 Resp: 64769
Ion Ratio Lower Upper
117 100
201 64.5 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 19.552 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

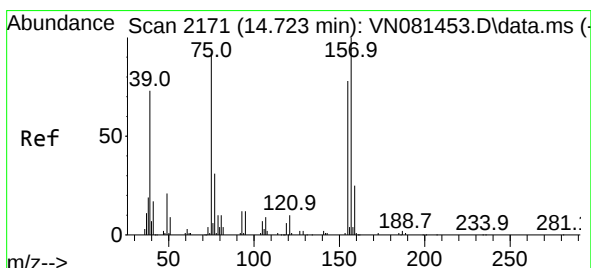
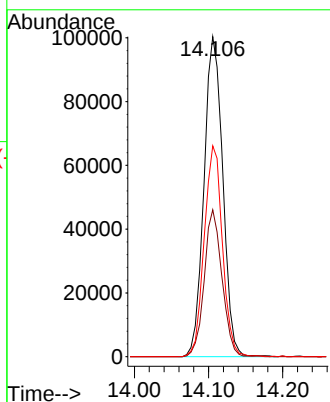
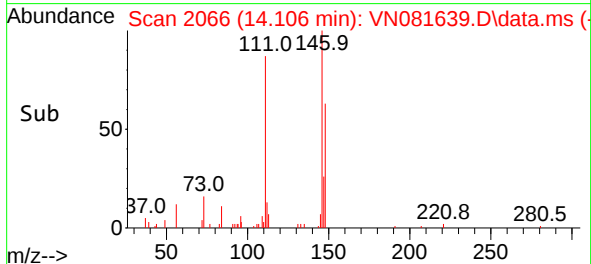
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion:146 Resp: 176440
Ion Ratio Lower Upper
146 100
111 43.4 23.9 71.8
148 63.9 31.4 94.0

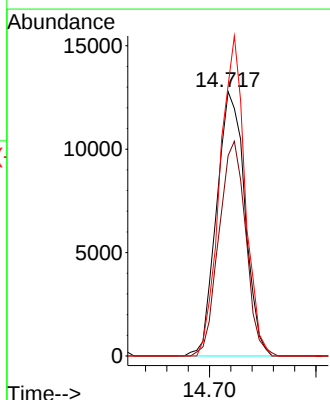
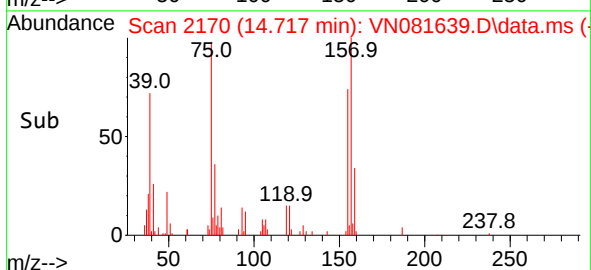
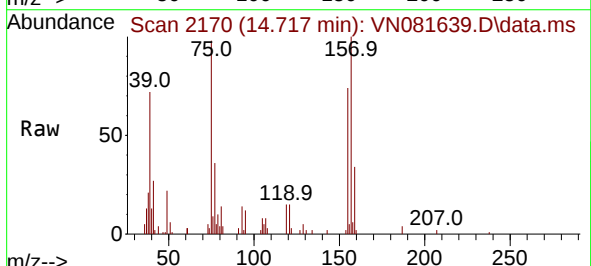
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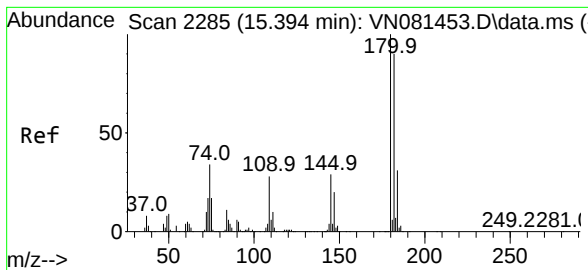
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.155 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

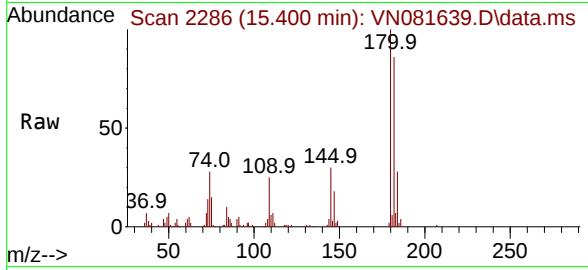
Tgt Ion: 75 Resp: 23467
Ion Ratio Lower Upper
75 100
155 77.1 31.8 95.4
157 107.4 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 17.458 ug/l
RT: 15.400 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

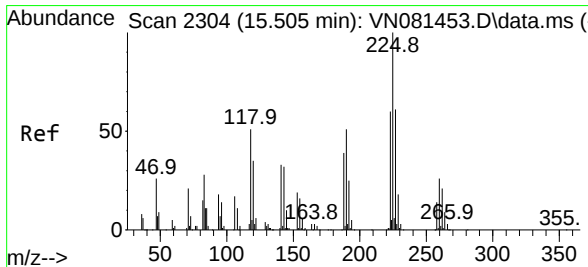
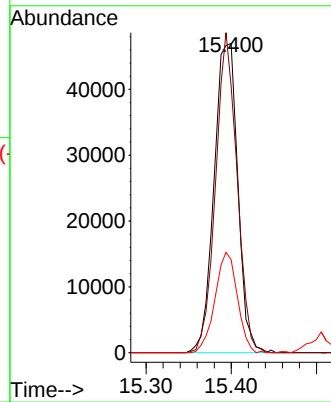
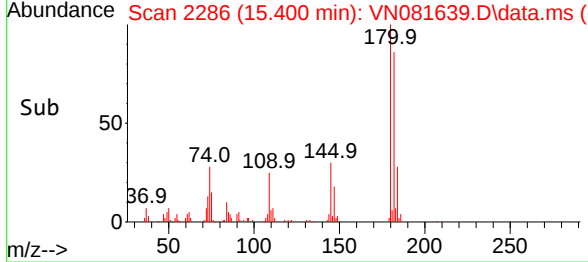
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



Tgt Ion:180 Resp: 9109
Ion Ratio Lower Upper
180 100
182 92.8 46.6 139.7
145 30.5 16.8 50.3

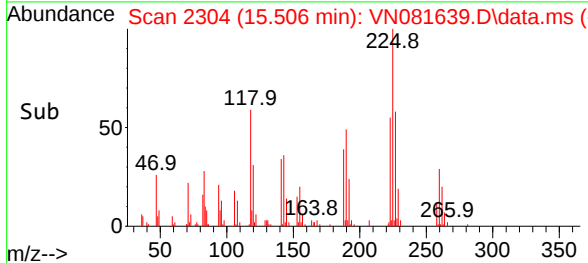
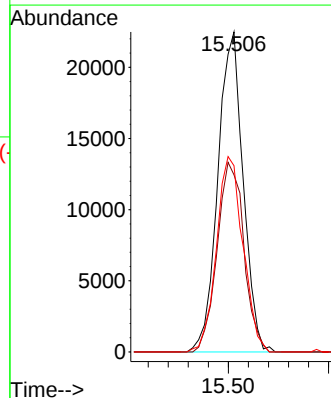
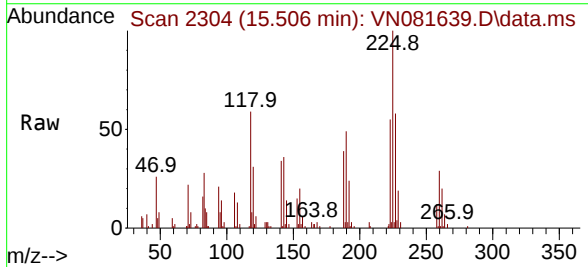
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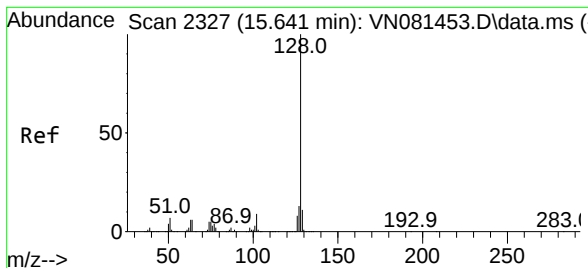
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#94
Hexachlorobutadiene
Concen: 17.161 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

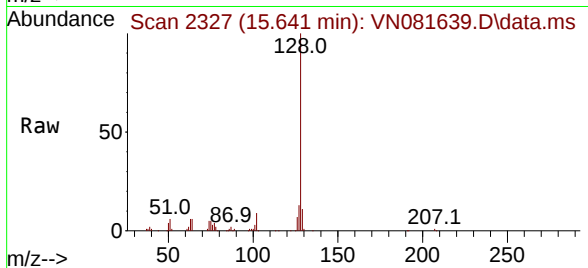
Tgt Ion:225 Resp: 39287
Ion Ratio Lower Upper
225 100
223 62.7 33.3 99.8
227 64.2 33.1 99.2





#95
Naphthalene
Concen: 17.368 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00

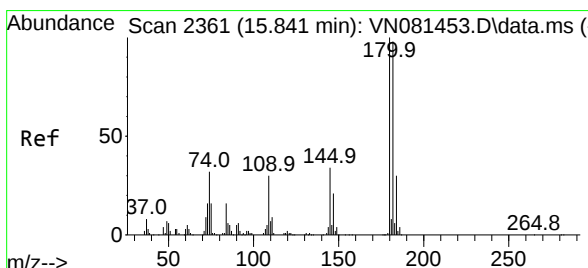
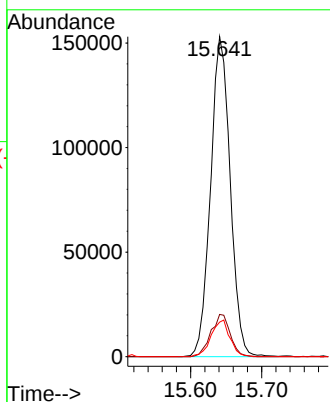
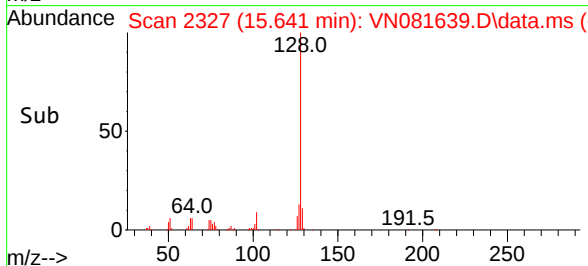
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01



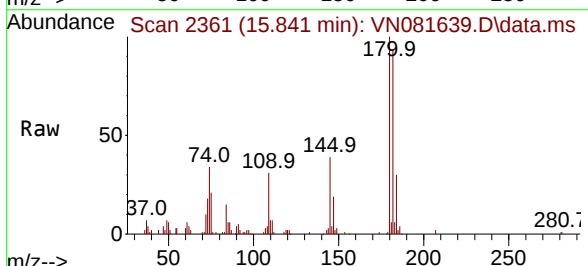
Tgt Ion:128 Resp: 293650
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.743 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081639.D
Acq: 01 Apr 2024 11:00



Tgt Ion:180 Resp: 93119
Ion Ratio Lower Upper
180 100
182 95.2 46.5 139.3
145 36.8 17.8 53.4

