

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081903.D
 Acq On : 29 Apr 2024 10:07
 Operator : JC\MD
 Sample : VN0429WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/30/2024
 Supervised By : Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 04:31:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	47960	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	296521	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	261212	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	119198	29.685	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.933%		
60) 4-Bromofluorobenzene	12.853	95	131648	30.284	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.933%		
63) Toluene-d8	10.565	98	370485	29.866	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.567%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	52802	19.395	ug/l	96
3) Chloromethane	2.359	50	59727	18.917	ug/l	94
4) Vinyl Chloride	2.518	62	55246	18.523	ug/l	100
5) Bromomethane	2.959	94	27966	17.969	ug/l	97
6) Chloroethane	3.130	64	30657	18.152	ug/l	97
7) Trichlorofluoromethane	3.500	101	84913	19.456	ug/l	89
8) Diethyl Ether	3.965	74	38952	18.437	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	54604	18.250	ug/l	81
10) 1,1-Dichloroethene	4.342	96	55409	18.930	ug/l	92
11) Methyl Iodide	4.589	142	47616	17.800	ug/l	85
12) Methyl Acetate	5.024	43	68599	18.716	ug/l #	79
13) Acrolein	4.177	56	68308	87.691	ug/l	99
14) Acrylonitrile	5.718	53	153845	91.970	ug/l	98
15) Acetone	4.436	58	36961m	98.605	ug/l	
16) Carbon Disulfide	4.712	76	149903	18.485	ug/l #	95
17) Allyl chloride	5.024	41	94964	18.479	ug/l	84
18) Methylene Chloride	5.283	84	63746	19.140	ug/l	90
19) trans-1,2-Dichloroethene	5.789	96	58359	19.154	ug/l	88
20) Diisopropyl ether	6.677	45	212077	18.652	ug/l #	95
21) 1,1-Dichloroethane	6.571	63	114904	19.085	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	71384	19.226	ug/l	96
23) tert-Butyl Alcohol	5.512	59	65053	94.413	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	197281	18.695	ug/l #	85
25) Chloroform	7.965	83	109104	18.836	ug/l	96
26) Cyclohexane	8.259	56	104727	20.115	ug/l #	92
29) 1,1-Dichloropropene	8.377	75	80931	18.333	ug/l	100
30) 2-Butanone	7.488	43	198301	87.145	ug/l #	93
31) 2,2-Dichloropropane	7.494	77	103636	22.909	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	91434	18.009	ug/l	94
33) Carbon Tetrachloride	8.365	117	76263	18.509	ug/l	90
34) Benzene	8.606	78	256340	18.202	ug/l #	93
35) Methacrylonitrile	7.782	41	47371	16.455	ug/l	92
36) 1,2-Dichloroethane	8.671	62	84938	17.966	ug/l	98
37) Trichloroethene	9.353	130	58754	17.033	ug/l	93
38) Methylcyclohexane	9.600	83	105026	19.694	ug/l	98
39) 1,2-Dichloropropane	9.624	63	65349	18.084	ug/l	98
40) Dibromomethane	9.706	93	42905	18.482	ug/l	90
41) Bromodichloromethane	9.888	83	89380	18.014	ug/l #	95
42) Vinyl Acetate	6.606	43	848398	87.595	ug/l	96

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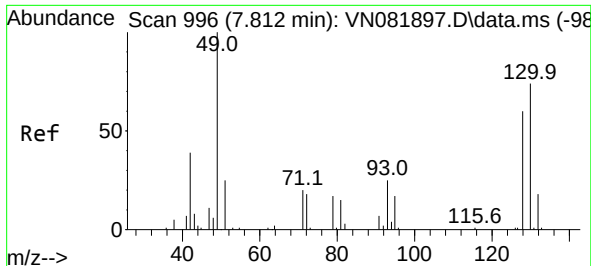
Manual Integrations
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Reviewed By : John Carlone 04/30/2024
 Supervised By : Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 04:31:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
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 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	86363	17.407	ug/l #	75
44) Isopropyl Acetate	8.688	43	154813	17.576	ug/l	89
45) 1,4-Dioxane	9.694	88	26204	370.960	ug/l #	96
46) Methyl methacrylate	9.682	41	72958	18.130	ug/l	82
47) n-amyl Acetate	12.494	43	139804m	17.598	ug/l	
48) t-1,3-Dichloropropene	10.835	75	100106	18.605	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	107301	18.861	ug/l #	85
50) 1,1,2-Trichloroethane	11.018	97	57256	18.179	ug/l	94
51) Ethyl methacrylate	10.876	69	104097	17.512	ug/l	76
52) 1,3-Dichloropropane	11.165	76	103672	17.917	ug/l	96
53) Dibromochloromethane	11.365	129	60571	17.676	ug/l	96
54) 1,2-Dibromoethane	11.470	107	56570	18.010	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	216252	72.753	ug/l	97
56) Bromoform	12.576	173	37900	18.173	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	452687	89.253	ug/l #	87
59) 2-Hexanone	11.194	43	352052	93.617	ug/l	89
61) Tetrachloroethene	11.106	164	54928	18.951	ug/l	98
62) Toluene	10.629	91	270289	18.390	ug/l	99
64) Chlorobenzene	11.894	112	166101	18.477	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	53730	18.262	ug/l	95
66) Ethyl Benzene	11.965	91	299676	18.602	ug/l	97
67) m/p-Xylenes	12.070	106	224504	37.586	ug/l	98
68) o-Xylene	12.400	106	108506	18.361	ug/l	100
69) Styrene	12.412	104	181532	18.299	ug/l	100
70) Isopropylbenzene	12.694	105	282996	18.855	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	76863	17.796	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	74544m	18.461	ug/l	
73) Bromobenzene	12.982	156	58271	18.137	ug/l	85
74) n-propylbenzene	13.035	91	334487	18.890	ug/l	99
75) 2-Chlorotoluene	13.123	91	205069	18.720	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	231469	19.053	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	35725	19.877	ug/l	85
78) 4-Chlorotoluene	13.223	91	200540	18.687	ug/l	100
79) tert-butylbenzene	13.441	119	197082	18.842	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	232283	19.035	ug/l	97
81) sec-Butylbenzene	13.617	105	281805	19.220	ug/l	100
82) p-Isopropyltoluene	13.729	119	226316	19.520	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	107635	18.606	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	109245	18.788	ug/l	99
85) n-Butylbenzene	14.059	91	208914	19.726	ug/l	98
86) Hexachloroethane	14.335	117	44976	19.455	ug/l	79
87) 1,2-Dichlorobenzene	14.106	146	107904	18.727	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	17560	18.118	ug/l	90
89) 1,2,4-Trichlorobenzene	15.847	180	61275	19.314	ug/l	99
90) Hexachlorobutadiene	15.506	225	22099	18.807	ug/l	97
91) Naphthalene	15.641	128	218642	18.129	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	61275	19.314	ug/l	99

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



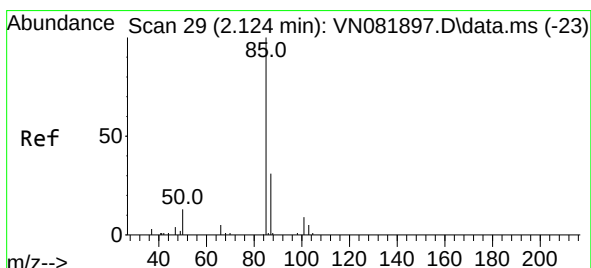
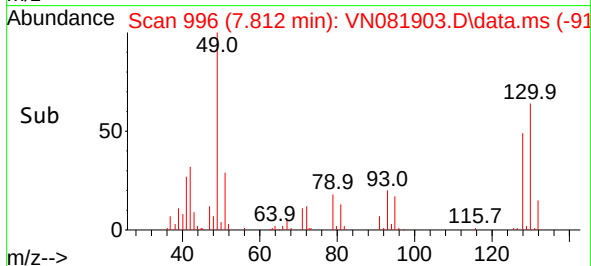
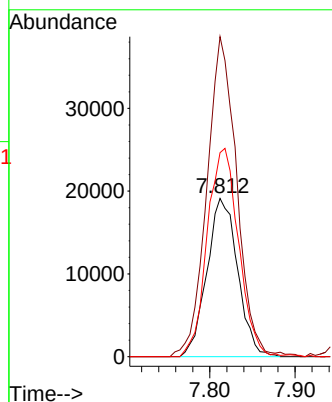
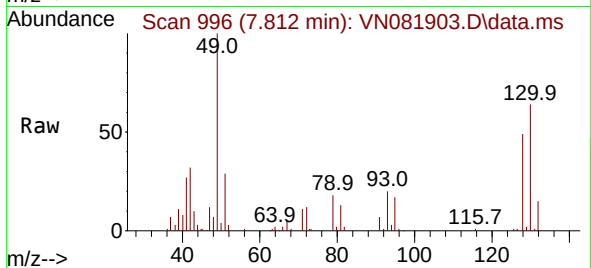
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion:128 Resp: 47960
Ion Ratio Lower Upper
128 100
49 195.6 0.0 403.7
130 134.6 0.0 323.3

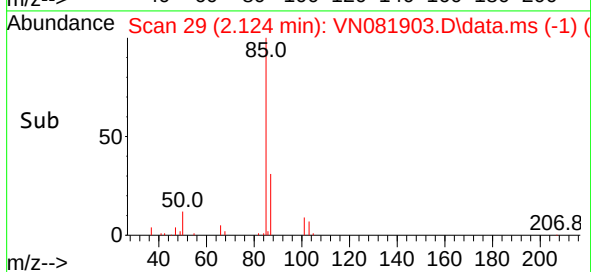
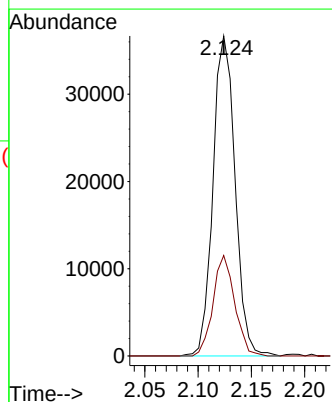
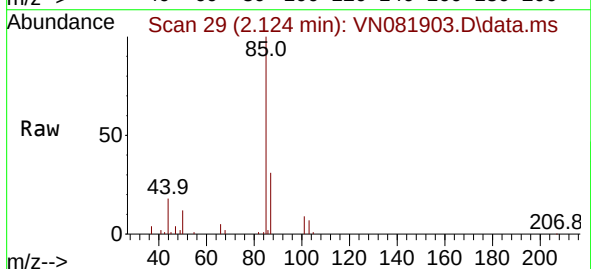
Manual Integrations
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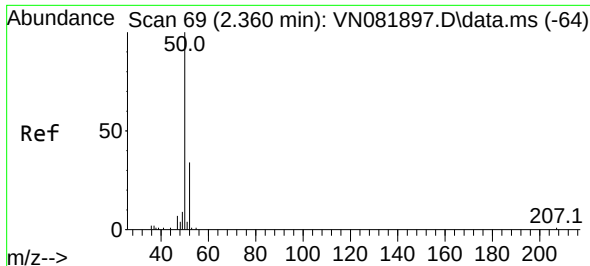
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#2
Dichlorodifluoromethane
Concen: 19.395 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

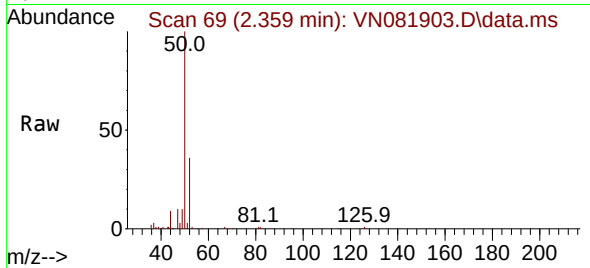
Tgt Ion: 85 Resp: 52802
Ion Ratio Lower Upper
85 100
87 31.4 16.8 50.3





#3
Chloromethane
Concen: 18.917 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

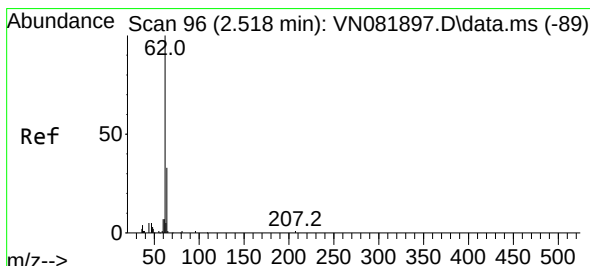
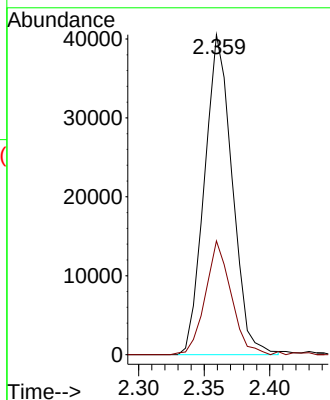
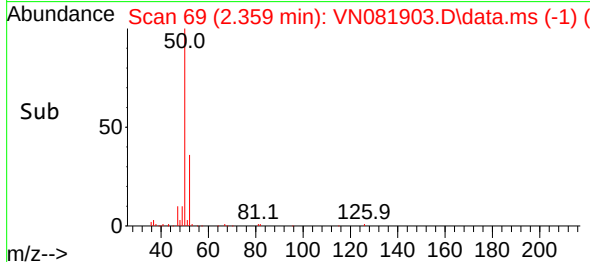
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 50 Resp: 5972
Ion Ratio Lower Upper
50 100
52 35.0 25.4 38.0

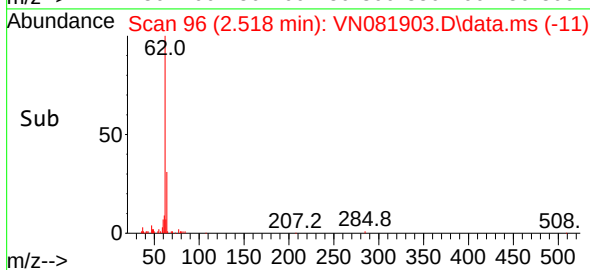
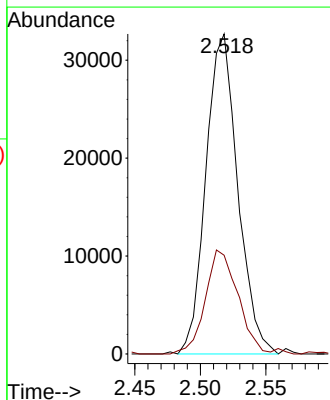
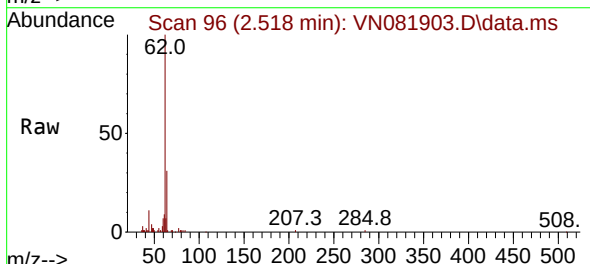
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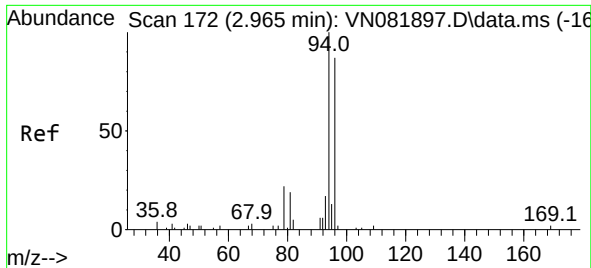
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#4
Vinyl Chloride
Concen: 18.523 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

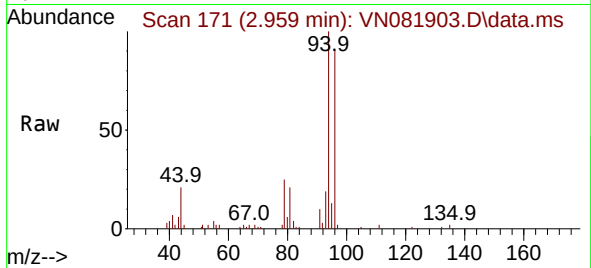
Tgt Ion: 62 Resp: 55246
Ion Ratio Lower Upper
62 100
64 29.9 24.1 36.1





#5
Bromomethane
Concen: 17.969 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

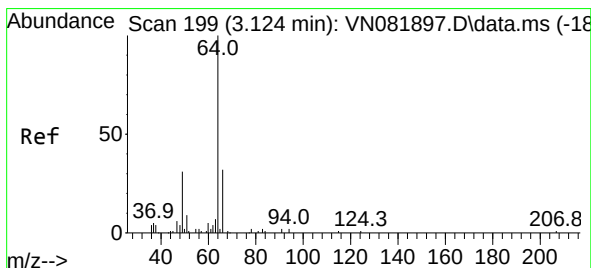
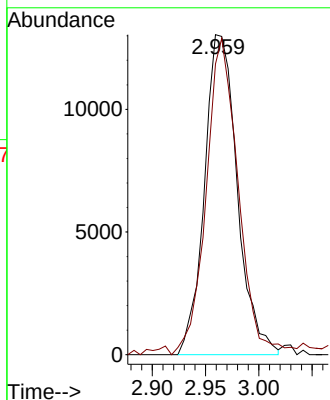
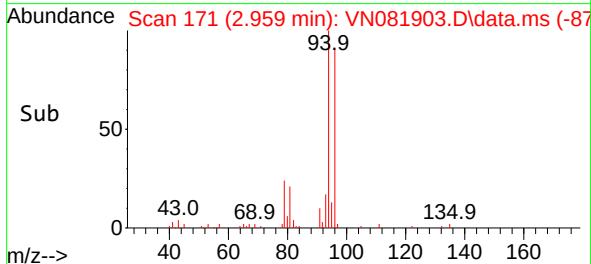
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 94 Resp: 2796
Ion Ratio Lower Upper
94 100
96 88.6 72.8 109.2

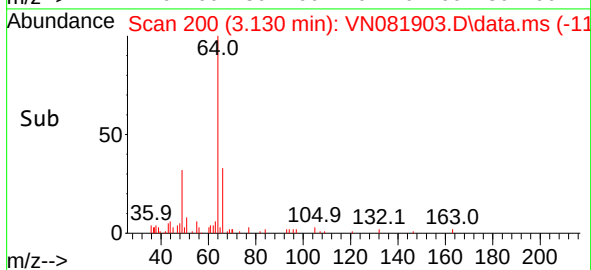
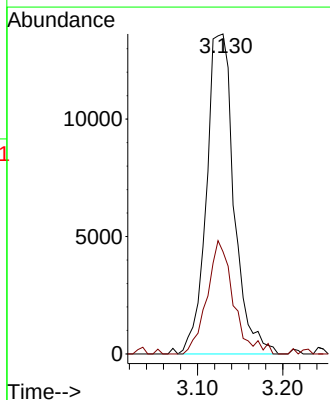
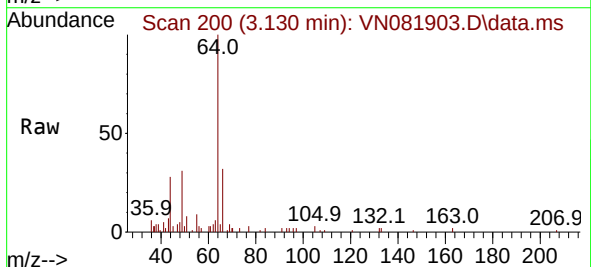
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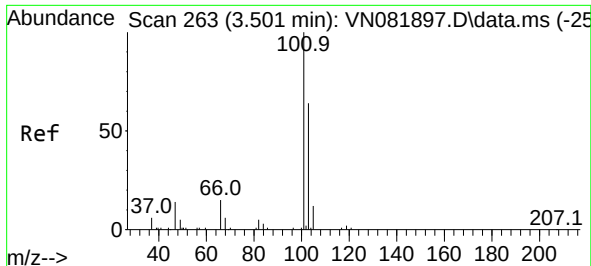
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#6
Chloroethane
Concen: 18.152 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Tgt Ion: 64 Resp: 30657
Ion Ratio Lower Upper
64 100
66 32.0 26.7 40.1





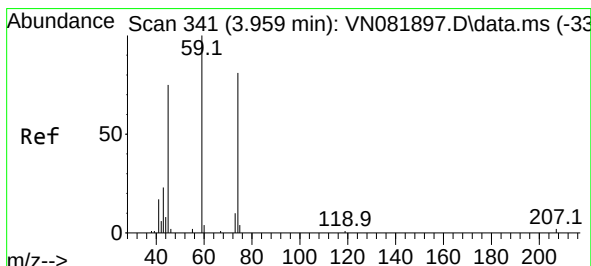
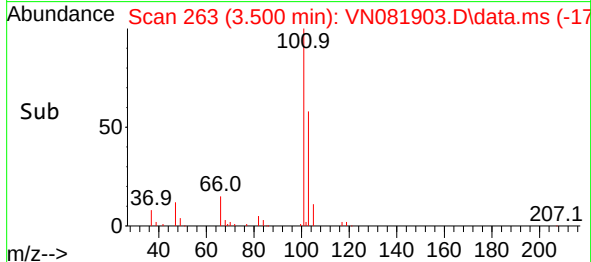
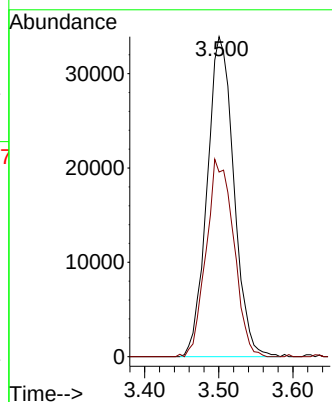
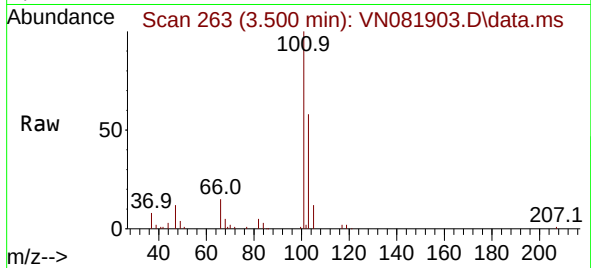
#7
Trichlorofluoromethane
Concen: 19.456 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion:101 Resp: 8491
Ion Ratio Lower Upper
101 100
103 57.7 53.0 79.4

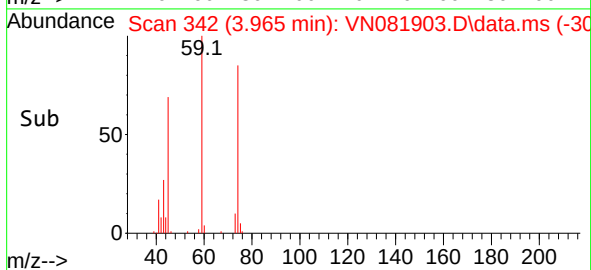
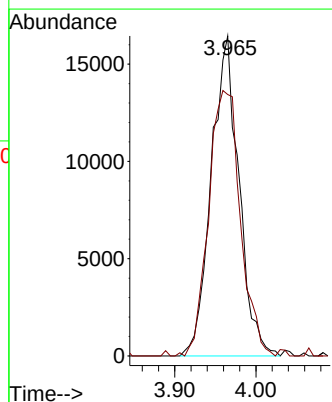
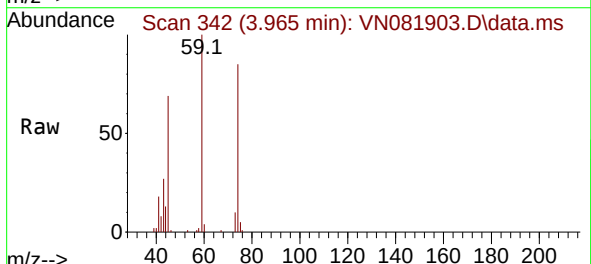
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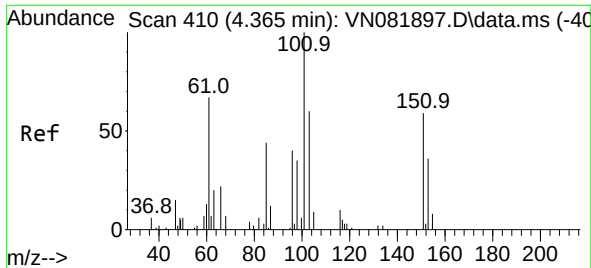
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#8
Diethyl Ether
Concen: 18.437 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Tgt Ion: 74 Resp: 38952
Ion Ratio Lower Upper
74 100
45 95.2 16.4 147.4





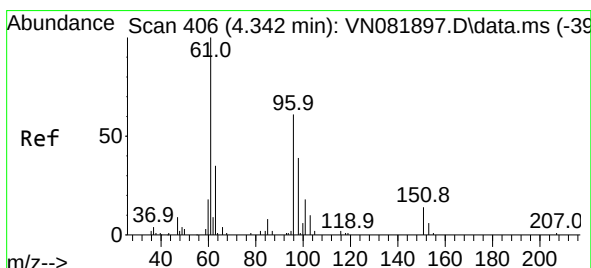
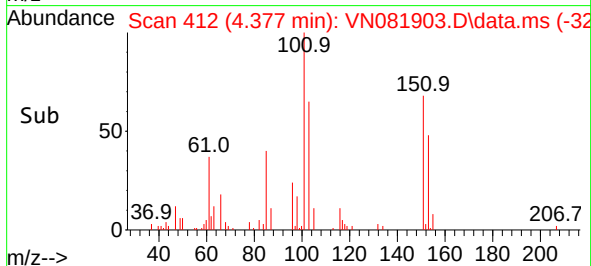
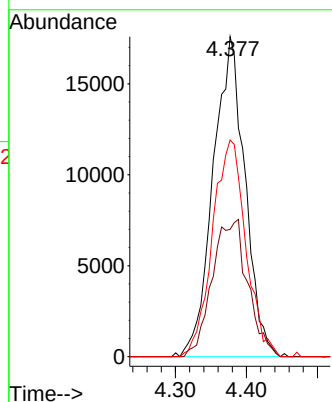
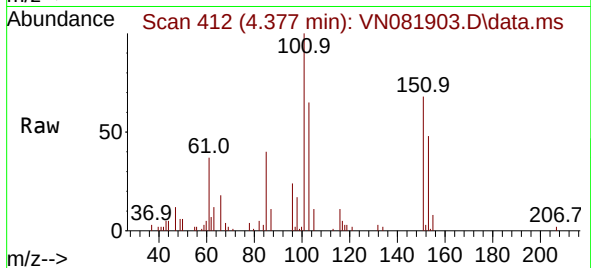
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1,1,2-Trichlorotrifluoroethane
Concen: 18.250 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion:101 Resp: 54604
Ion Ratio Lower Upper
101 100
85 21.8 0.0 90.6
151 70.0 0.0 157.6

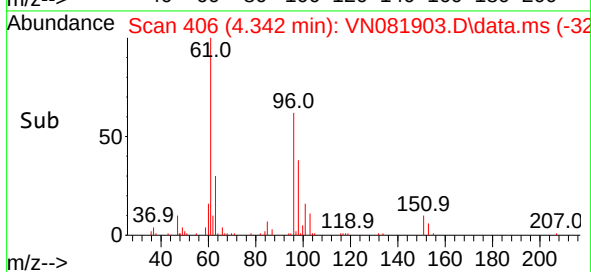
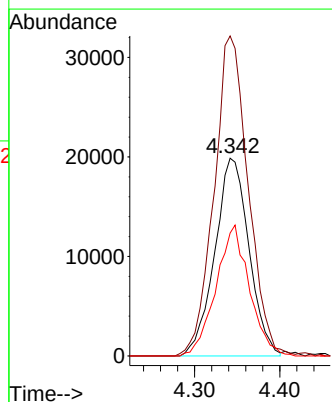
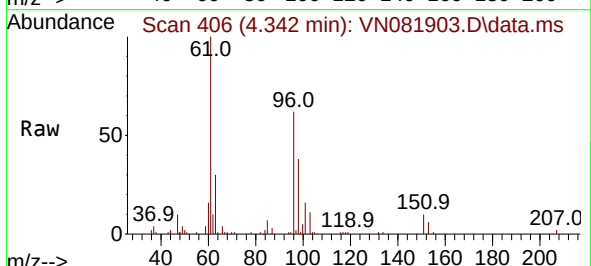
Manual Integrations
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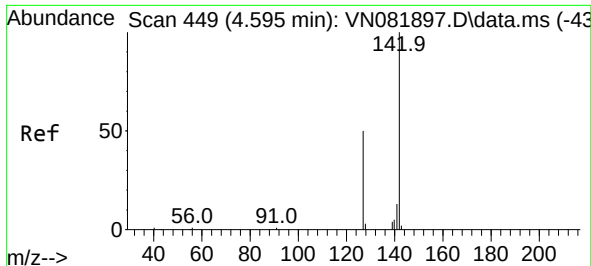
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#10
1,1-Dichloroethene
Concen: 18.930 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Tgt Ion: 96 Resp: 55409
Ion Ratio Lower Upper
96 100
61 160.7 117.6 176.4
98 62.1 48.4 72.6





#11

Methyl Iodide

Concen: 17.800 ug/l

RT: 4.589 min Scan# 449

Delta R.T. -0.006 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

Tgt Ion:142 Resp: 47610

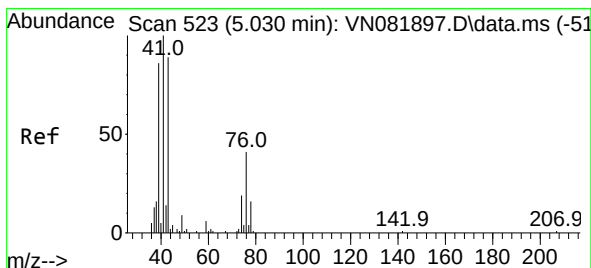
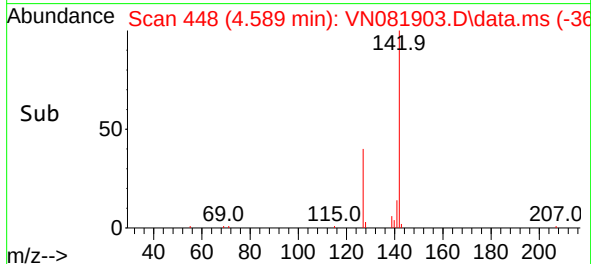
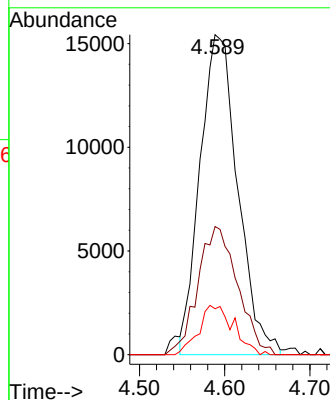
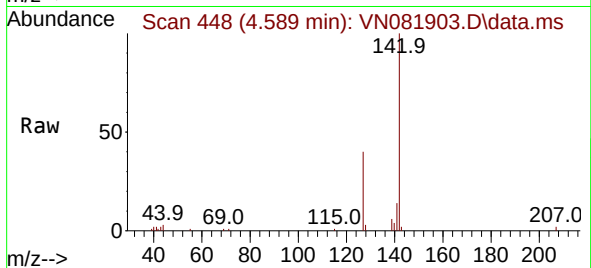
Ion	Ratio	Lower	Upper
142	100		
127	39.4	26.3	78.9
141	14.3	8.3	24.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#12

Methyl Acetate

Concen: 18.716 ug/l

RT: 5.024 min Scan# 522

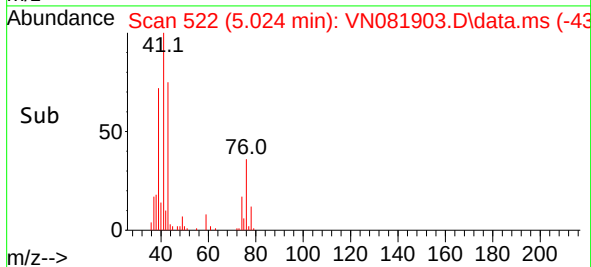
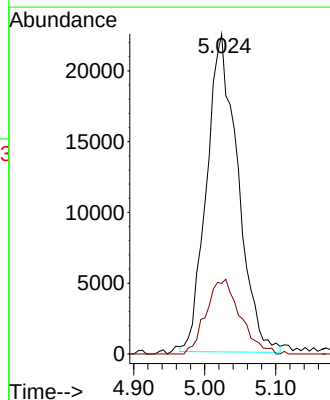
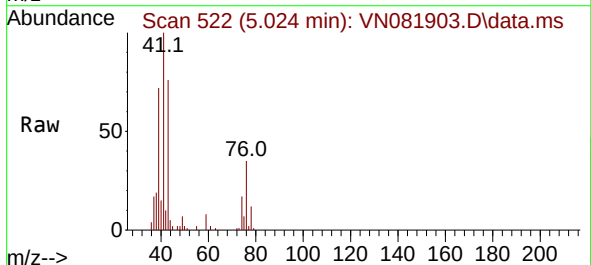
Delta R.T. -0.006 min

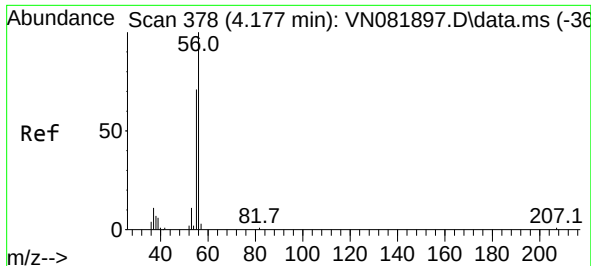
Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

Tgt Ion: 43 Resp: 68599

Ion	Ratio	Lower	Upper
43	100		
74	22.6	27.7	41.5#





#13

Acrolein

Concen: 87.691 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081903.D

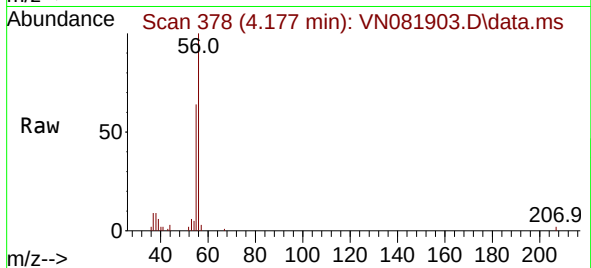
Acq: 29 Apr 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01



Tgt Ion: 56 Resp: 68308

Ion Ratio Lower Upper

56 100

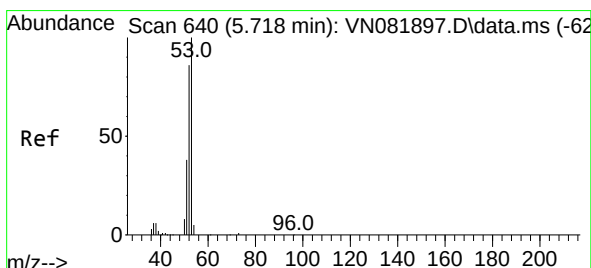
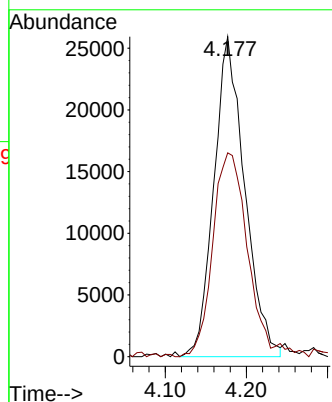
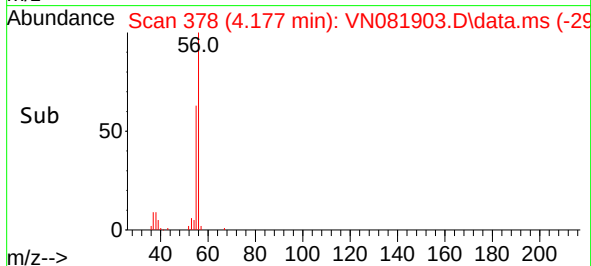
55 70.4 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#14

Acrylonitrile

Concen: 91.970 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

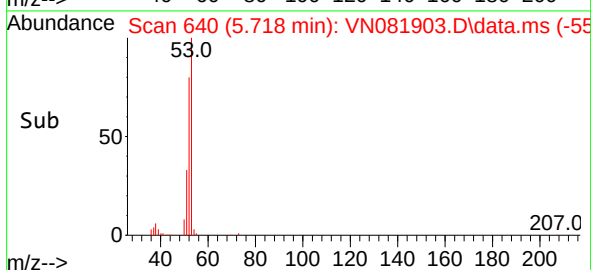
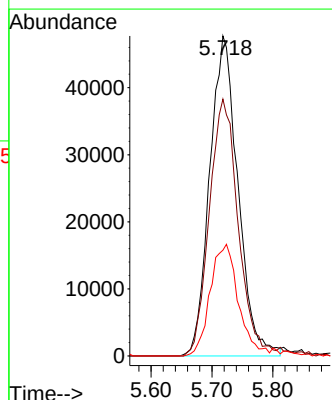
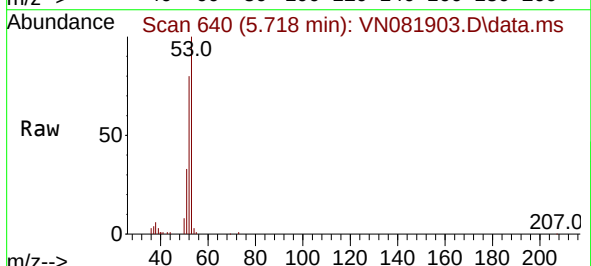
Tgt Ion: 53 Resp: 153845

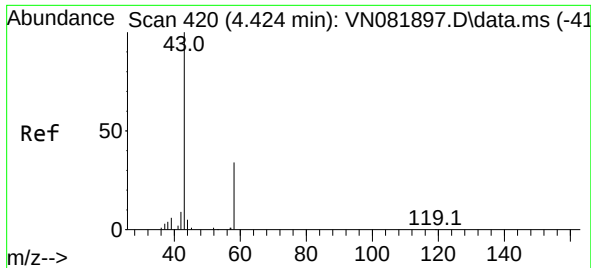
Ion Ratio Lower Upper

53 100

52 80.7 41.3 123.9

51 34.1 16.8 50.3





#15

Acetone

Concen: 98.605 ug/l m

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

Tgt Ion: 58 Resp: 3696

Ion Ratio Lower Upper

58 100

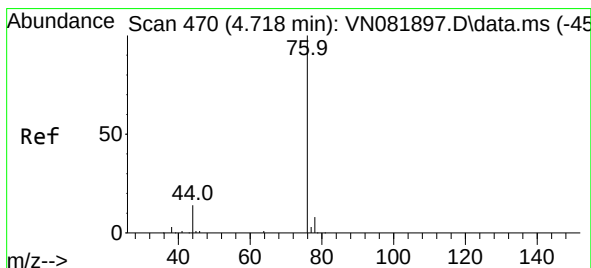
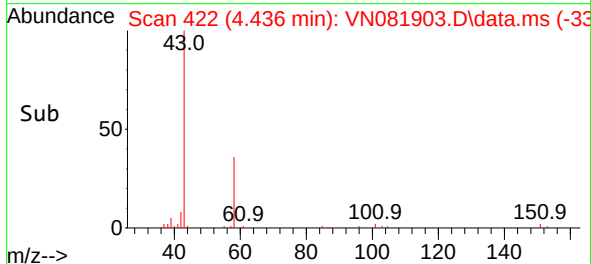
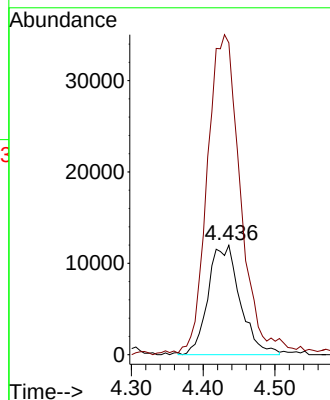
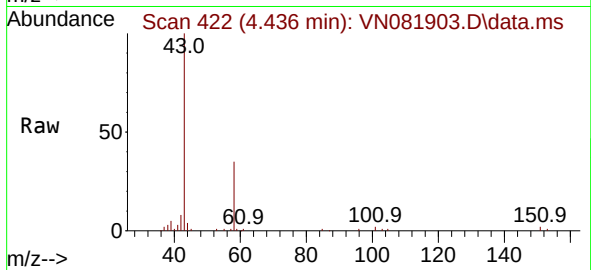
43 284.8 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#16

Carbon Disulfide

Concen: 18.485 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN081903.D

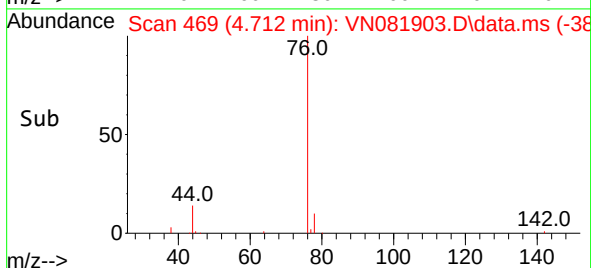
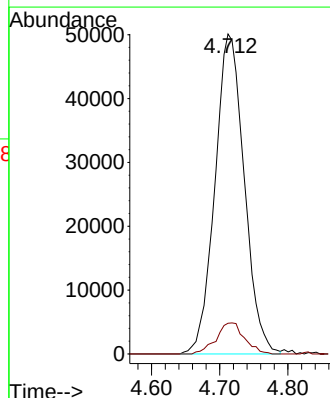
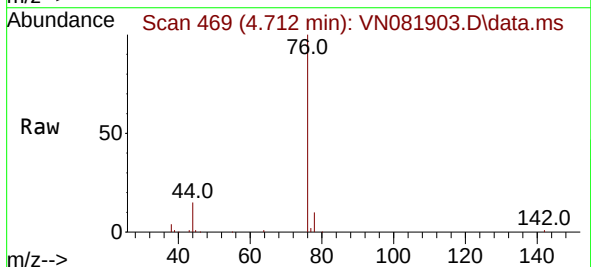
Acq: 29 Apr 2024 10:07

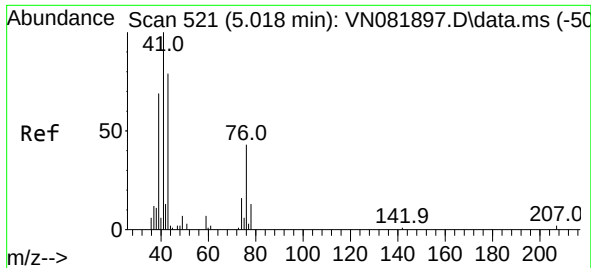
Tgt Ion: 76 Resp: 149903

Ion Ratio Lower Upper

76 100

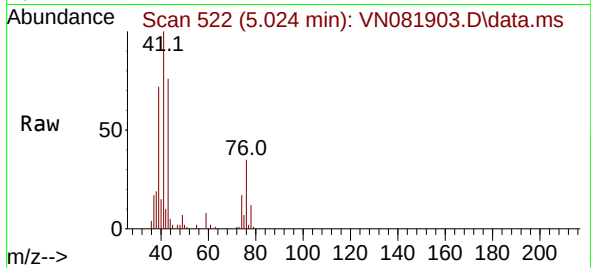
78 9.6 6.3 9.5#





#17
 Allyl chloride
 Concen: 18.479 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN081903.D
 Acq: 29 Apr 2024 10:07

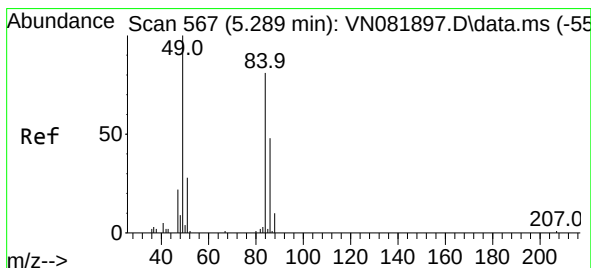
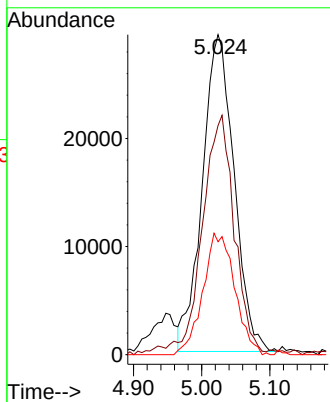
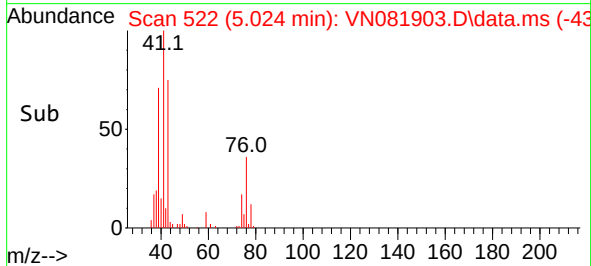
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01



Tgt Ion: 41 Resp: 94964
 Ion Ratio Lower Upper
 41 100
 39 70.5 37.6 112.9
 76 34.4 27.8 83.4

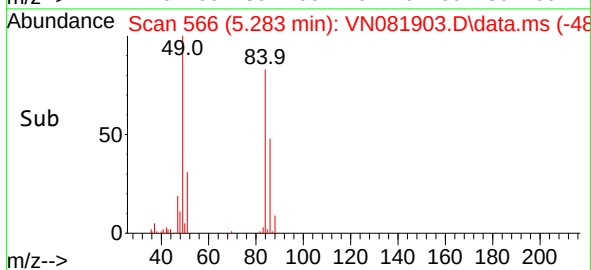
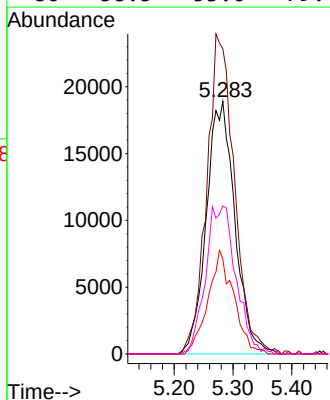
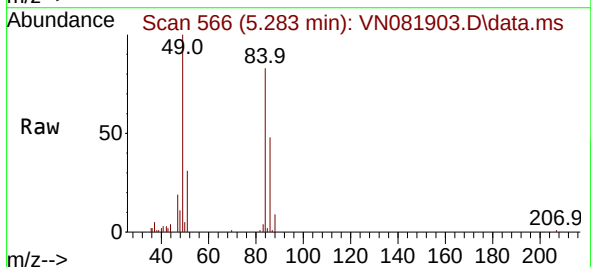
Manual Integrations
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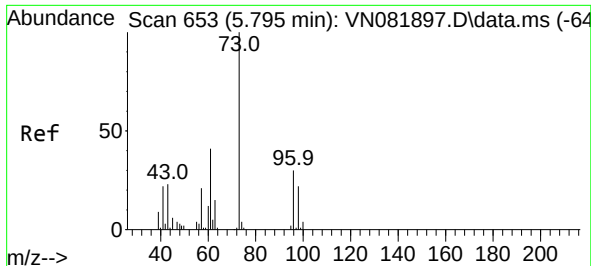
Reviewed By :John Carlone 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#18
 Methylene Chloride
 Concen: 19.140 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.006 min
 Lab File: VN081903.D
 Acq: 29 Apr 2024 10:07

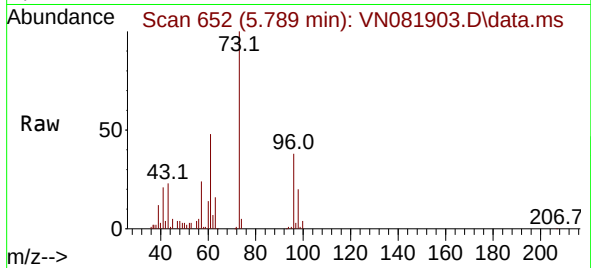
Tgt Ion: 84 Resp: 63746
 Ion Ratio Lower Upper
 84 100
 49 120.8 86.0 129.0
 51 37.6 30.0 45.0
 86 58.5 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 19.154 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

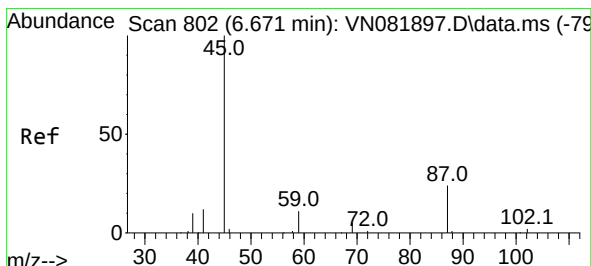
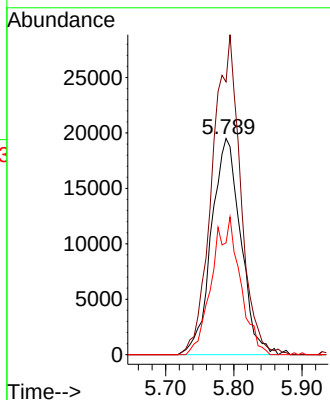
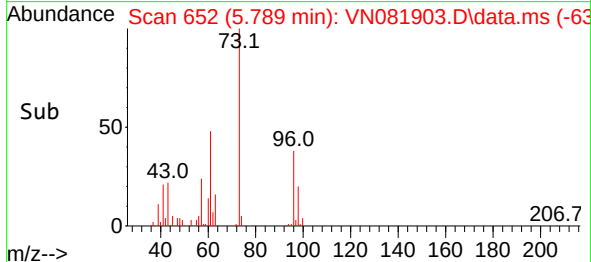
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 96 Resp: 5835
Ion Ratio Lower Upper
96 100
61 126.2 111.8 167.6
98 51.7 49.2 73.8

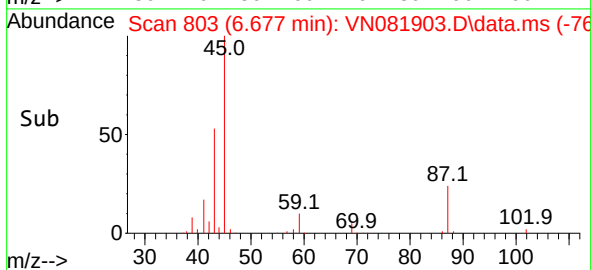
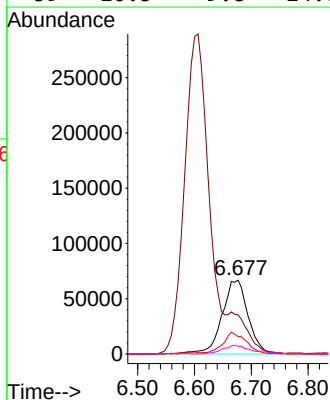
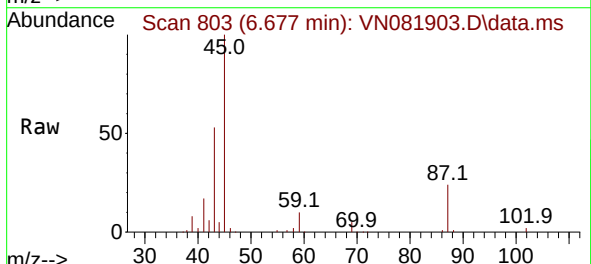
Manual Integrations
APPROVED

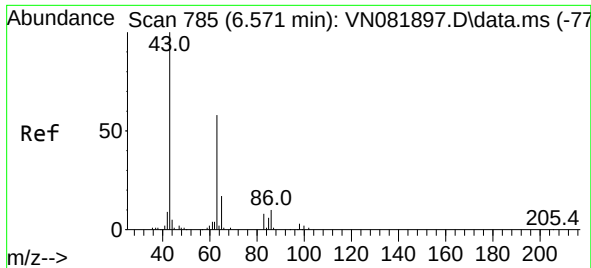
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#20
Diisopropyl ether
Concen: 18.652 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Tgt Ion: 45 Resp: 212077
Ion Ratio Lower Upper
45 100
43 51.5 40.4 60.6
87 23.5 23.8 35.8#
59 10.5 9.8 14.6





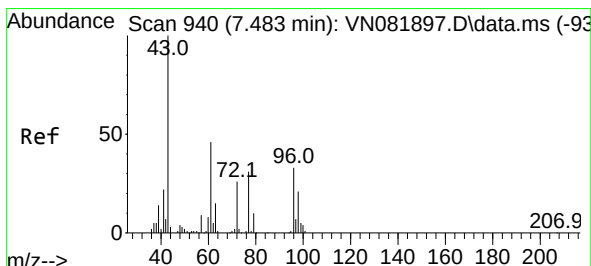
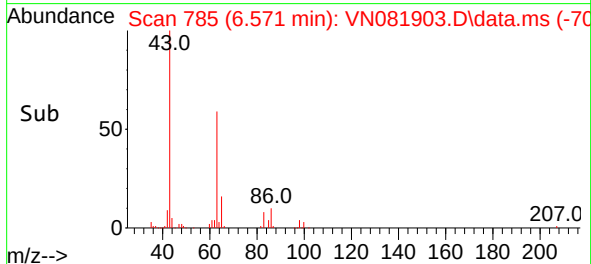
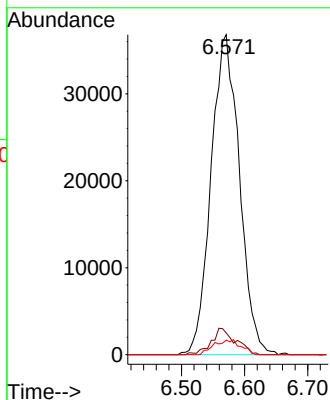
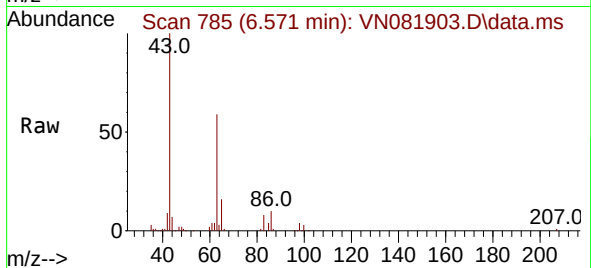
#21
1,1-Dichloroethane
Concen: 19.085 ug/l
RT: 6.571 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion: 63 Resp: 114904
Ion Ratio Lower Upper
63 100
98 6.8 4.1 12.3
100 4.5 3.0 9.0

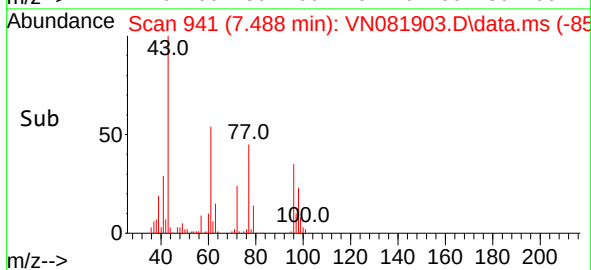
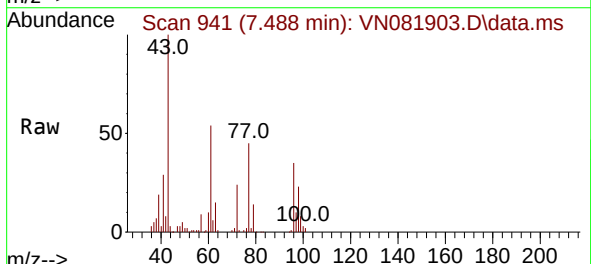
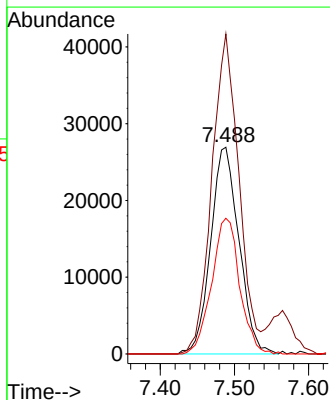
Manual Integrations
APPROVED

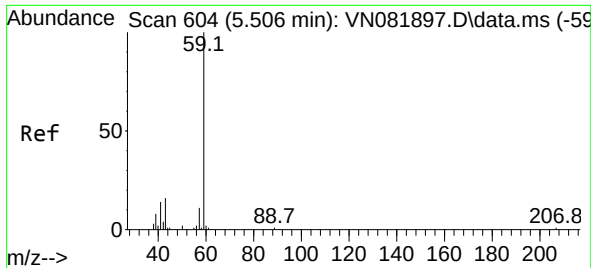
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#22
cis-1,2-Dichloroethene
Concen: 19.226 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

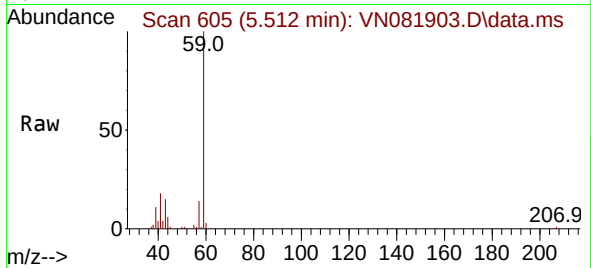
Tgt Ion: 96 Resp: 71384
Ion Ratio Lower Upper
96 100
61 148.2 113.5 170.3
98 64.9 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 94.413 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

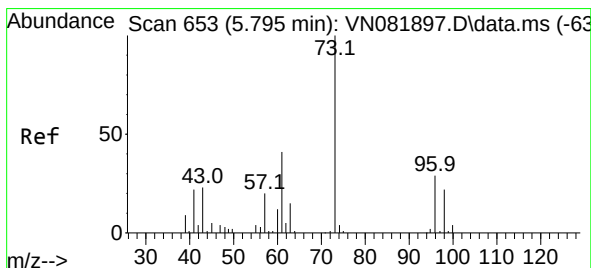
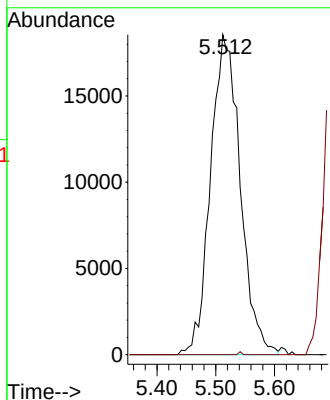
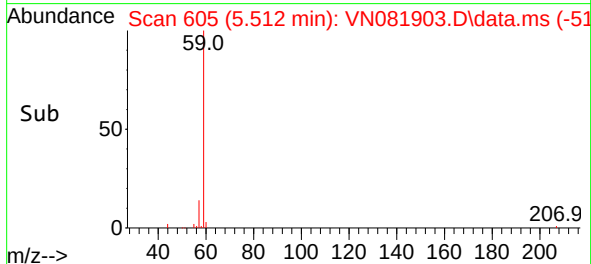
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 59 Resp: 6505
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

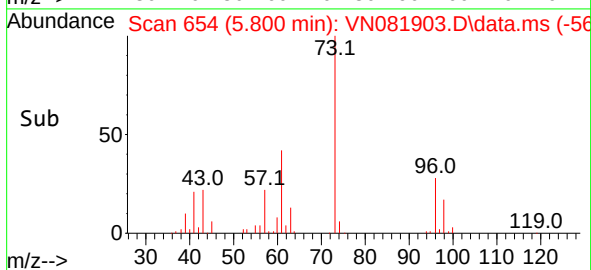
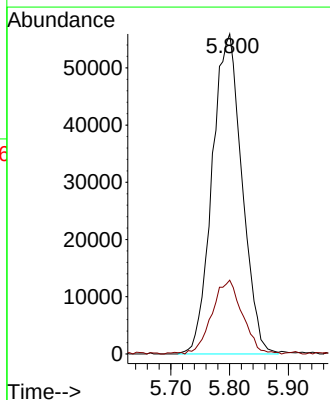
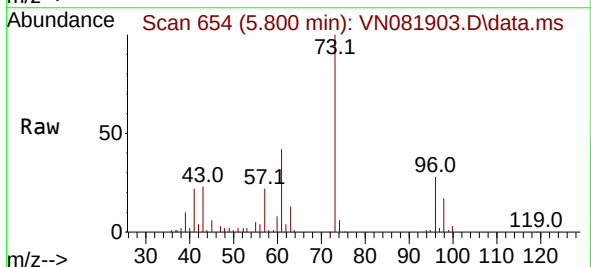
Manual Integrations
APPROVED

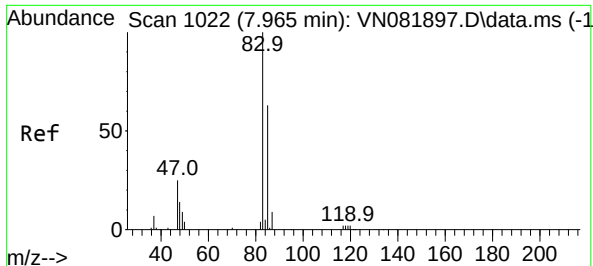
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#24
Methyl tert-Butyl Ether
Concen: 18.695 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Tgt Ion: 73 Resp: 197281
Ion Ratio Lower Upper
73 100
43 23.5 13.4 20.2#





#25

Chloroform

Concen: 18.836 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

Tgt Ion: 83 Resp: 109104

Ion Ratio Lower Upper

83 100

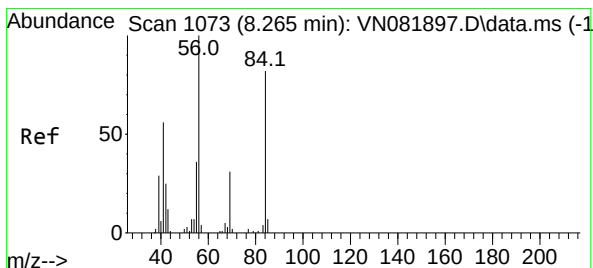
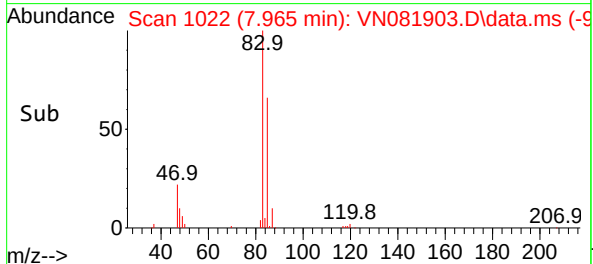
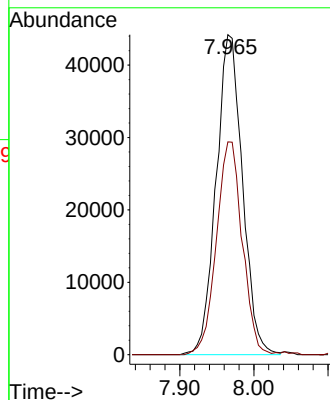
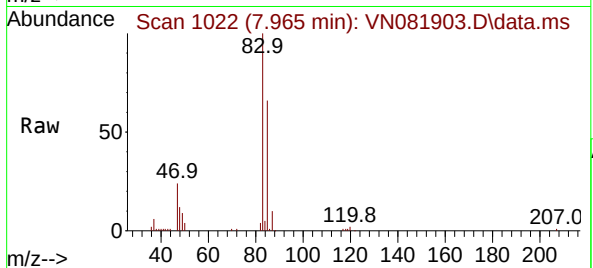
85 66.5 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#26

Cyclohexane

Concen: 20.115 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

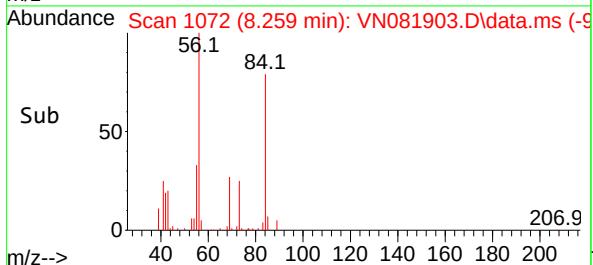
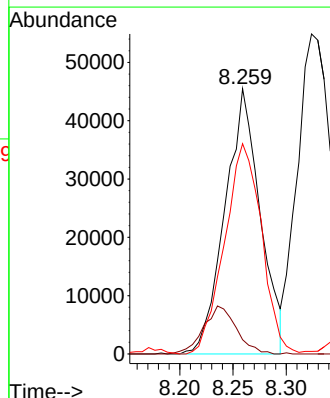
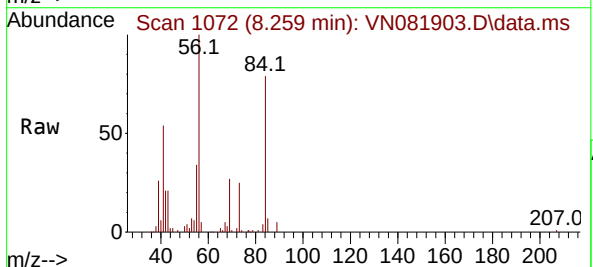
Tgt Ion: 56 Resp: 104727

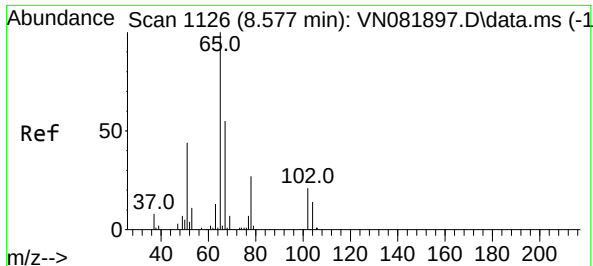
Ion Ratio Lower Upper

56 100

89 16.8 19.3 28.9#

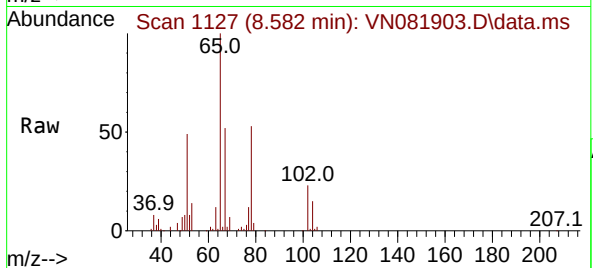
84 83.3 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 29.685 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

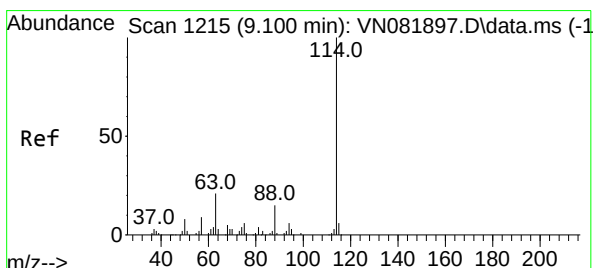
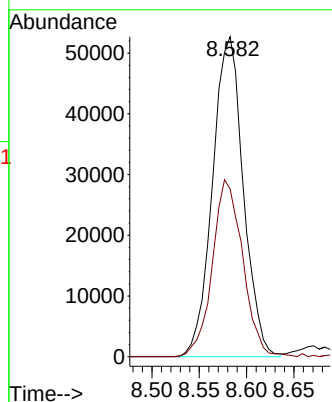
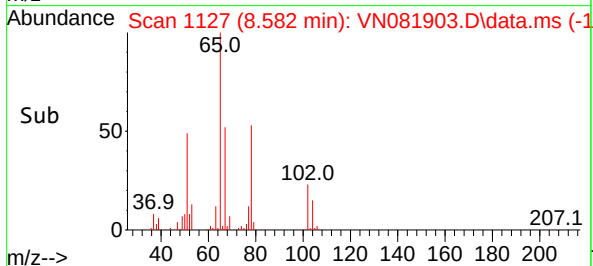
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 65 Resp: 119198
Ion Ratio Lower Upper
65 100
67 54.1 43.2 64.8

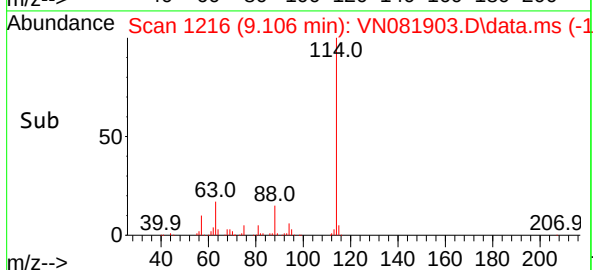
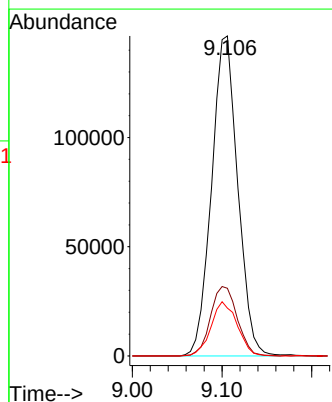
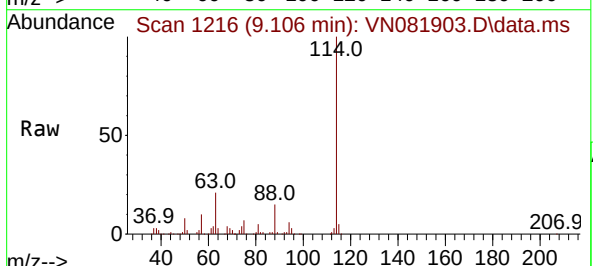
Manual Integrations
APPROVED

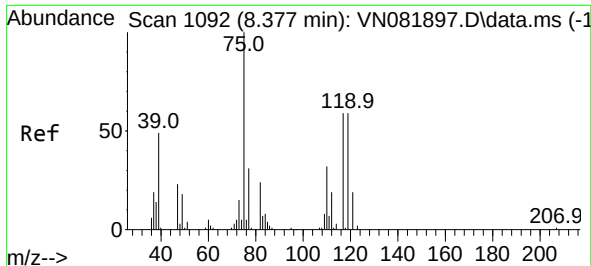
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

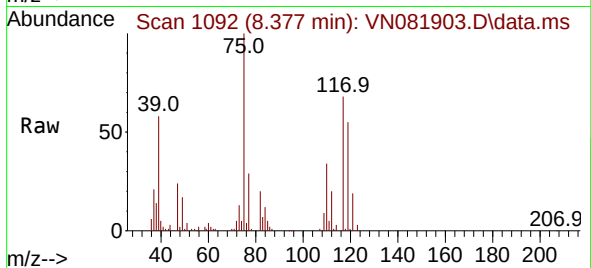
Tgt Ion:114 Resp: 296521
Ion Ratio Lower Upper
114 100
63 22.1 15.9 23.9
88 17.0 12.7 19.1





#29
1,1-Dichloropropene
Concen: 18.333 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

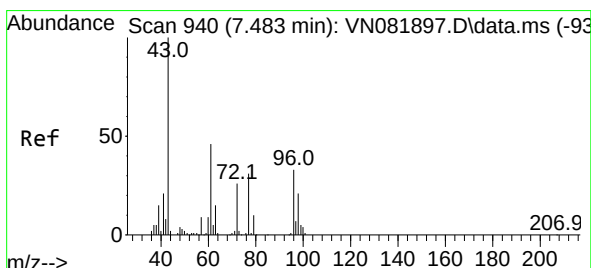
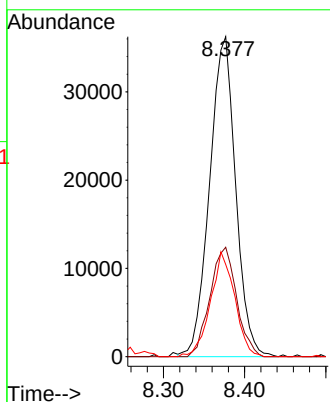
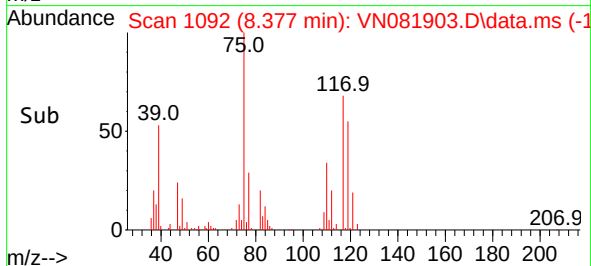
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



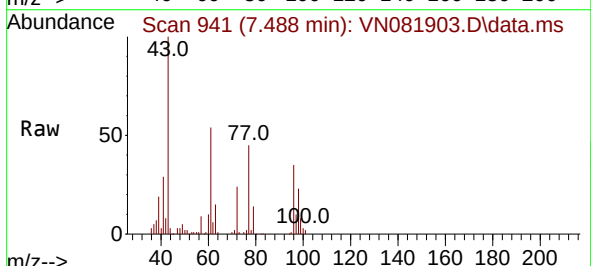
Tgt Ion: 75 Resp: 8093
Ion Ratio Lower Upper
75 100
110 34.9 0.0 70.2
77 30.5 0.0 61.4

Manual Integrations
APPROVED

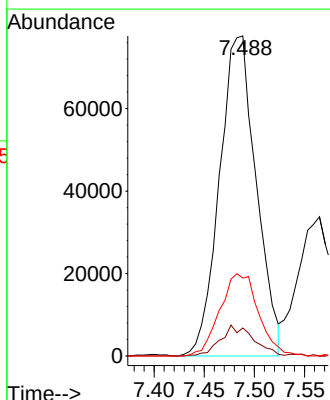
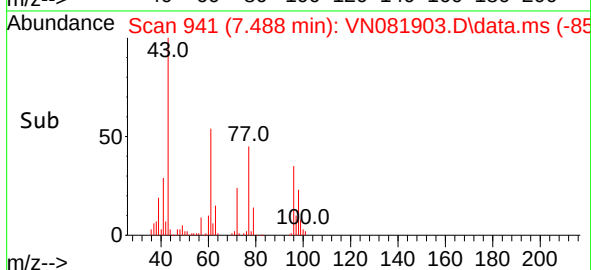
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

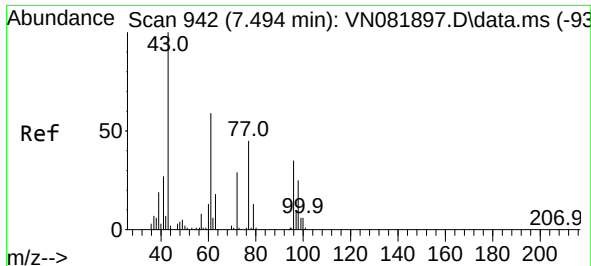


#30
2-Butanone
Concen: 87.145 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07



Tgt Ion: 43 Resp: 198301
Ion Ratio Lower Upper
43 100
57 4.6 6.7 10.1#
72 27.0 24.0 36.0





#31

2,2-Dichloropropane

Concen: 22.909 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.000 min

Lab File: VN081903.D

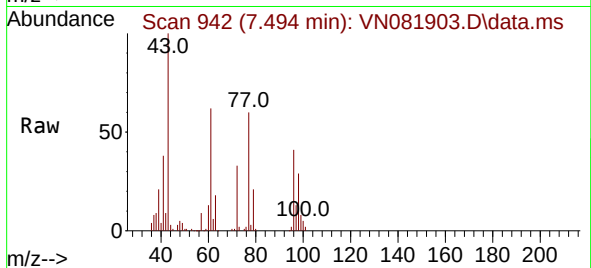
Acq: 29 Apr 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01



Tgt Ion: 77 Resp: 103630

Ion Ratio Lower Upper

77 100

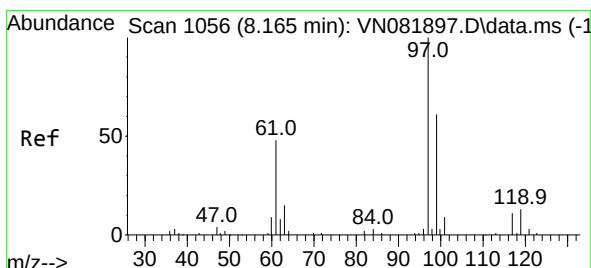
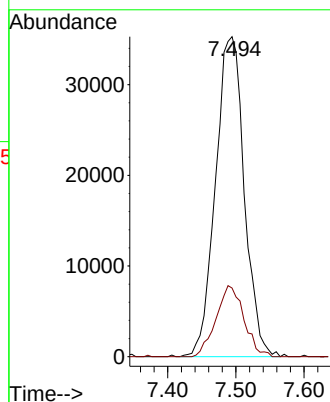
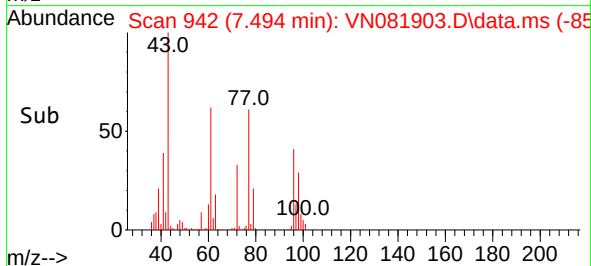
97 21.2 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#32

1,1,1-Trichloroethane

Concen: 18.009 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

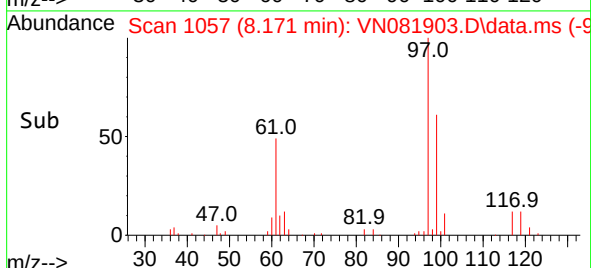
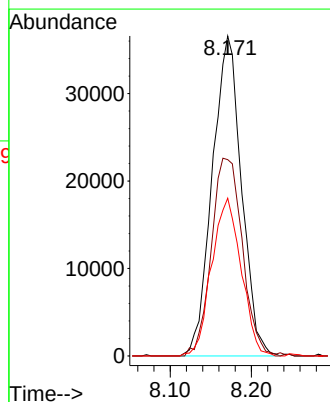
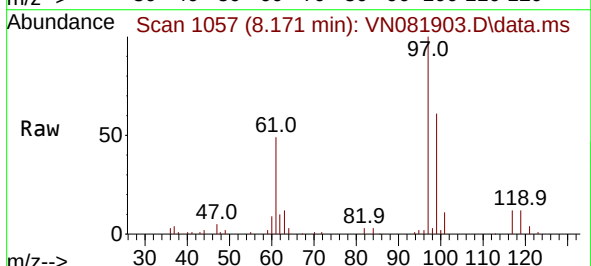
Tgt Ion: 97 Resp: 91434

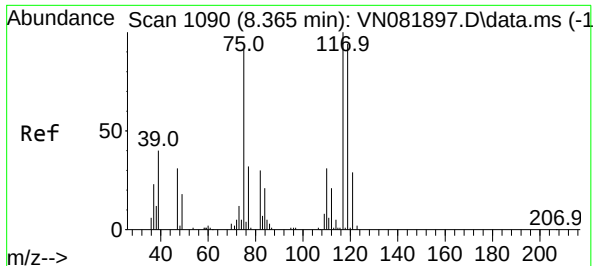
Ion Ratio Lower Upper

97 100

99 65.4 51.0 76.4

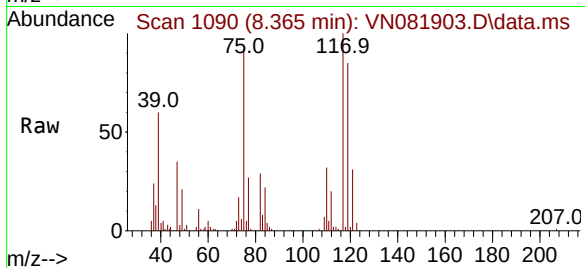
61 49.9 33.8 50.8





#33
Carbon Tetrachloride
Concen: 18.509 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

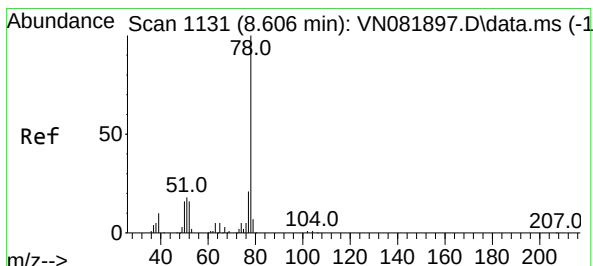
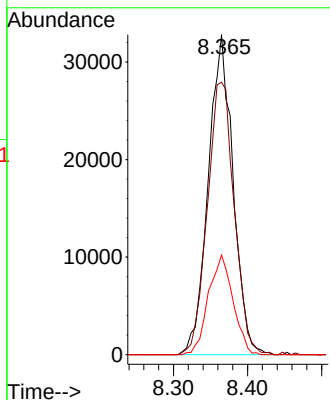
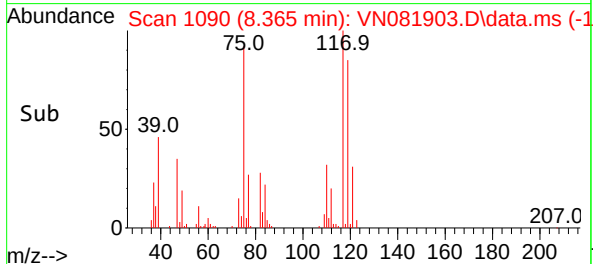
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 117 Resp: 7626
Ion Ratio Lower Upper
117 100
119 85.1 77.7 116.5
121 31.1 27.0 40.6

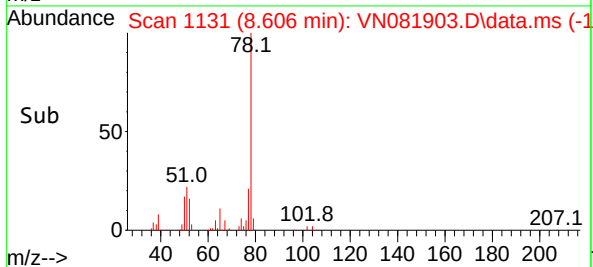
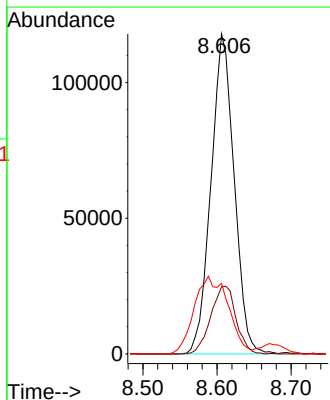
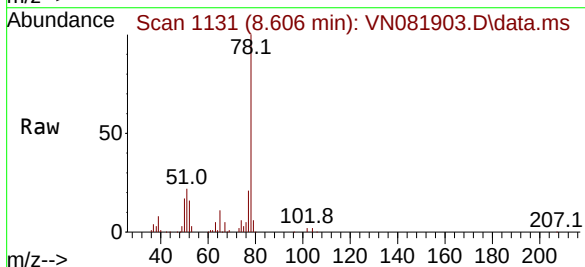
Manual Integrations
APPROVED

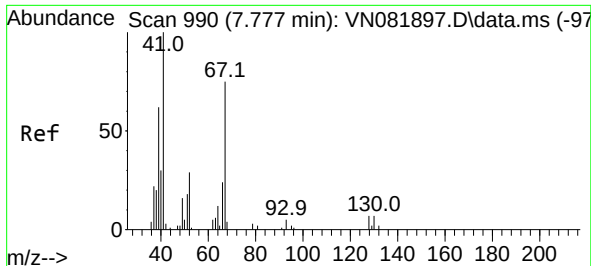
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#34
Benzene
Concen: 18.202 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

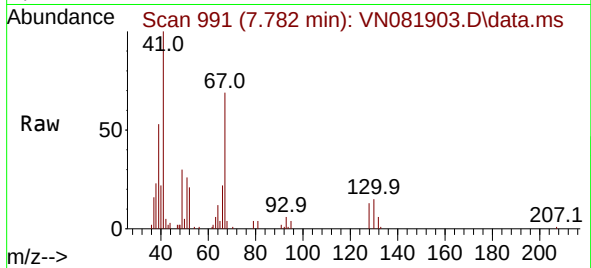
Tgt Ion: 78 Resp: 256340
Ion Ratio Lower Upper
78 100
77 21.0 19.2 28.8
51 20.7 13.3 19.9





#35
Methacrylonitrile
Concen: 16.455 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

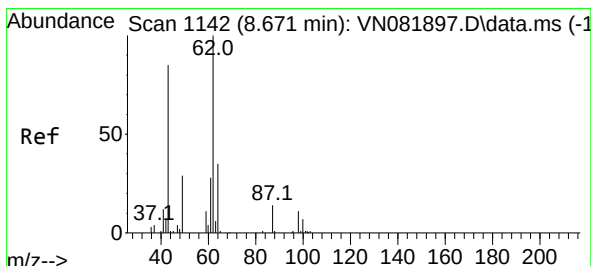
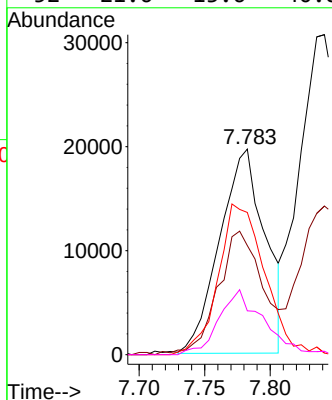
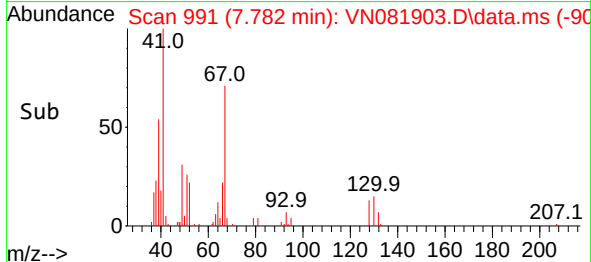
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 41 Resp: 4737
Ion Ratio Lower Upper
41 100
39 49.1 25.3 75.9
67 68.7 38.7 116.1
52 21.6 13.6 40.8

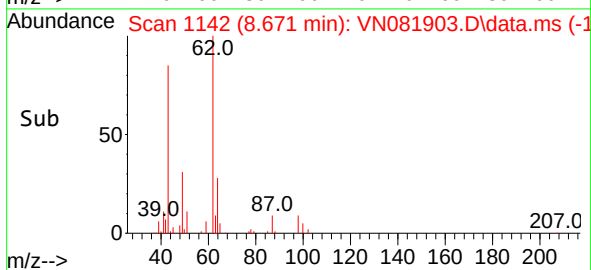
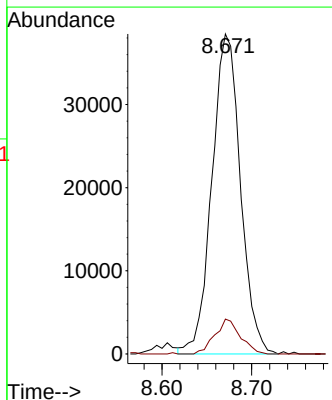
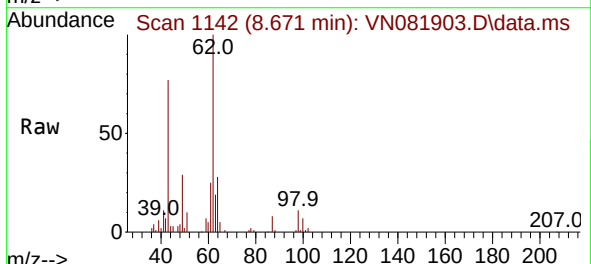
Manual Integrations
APPROVED

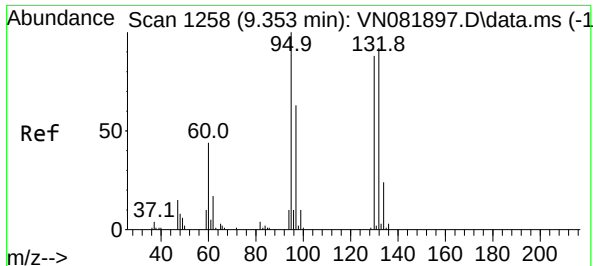
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#36
1,2-Dichloroethane
Concen: 17.966 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Tgt Ion: 62 Resp: 84938
Ion Ratio Lower Upper
62 100
98 9.7 8.2 12.4





#37

Trichloroethene

Concen: 17.033 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

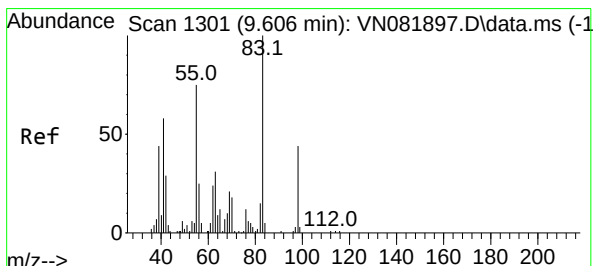
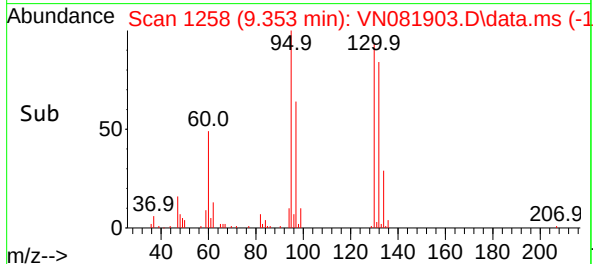
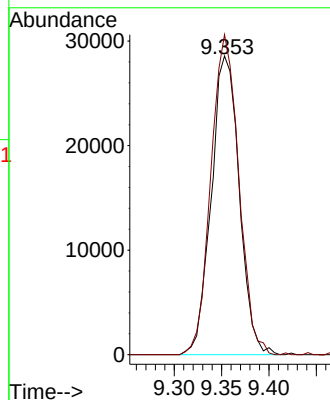
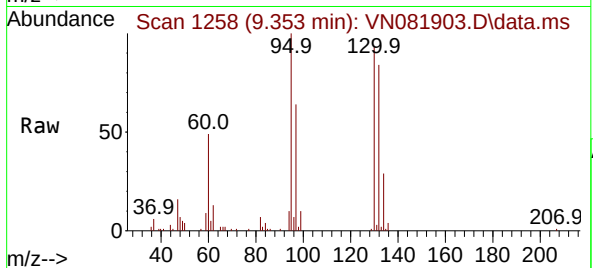
Tgt Ion:130 Resp: 58754
 Ion Ratio Lower Upper
 130 100
 95 107.1 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#38

Methylcyclohexane

Concen: 19.694 ug/l

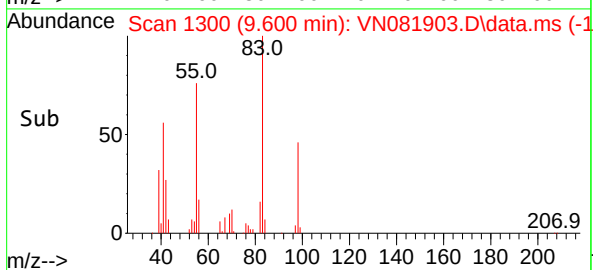
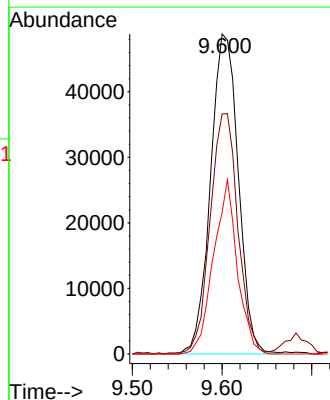
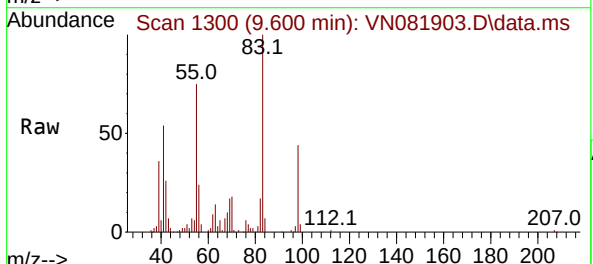
RT: 9.600 min Scan# 1300

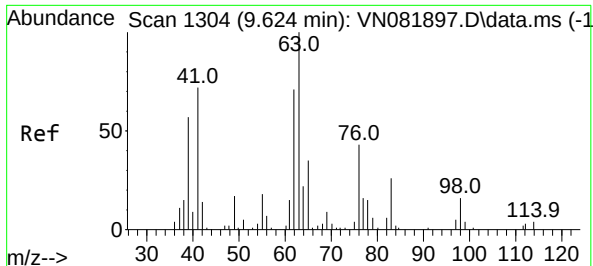
Delta R.T. -0.006 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

Tgt Ion: 83 Resp: 105026
 Ion Ratio Lower Upper
 83 100
 55 75.0 36.6 109.9
 98 46.6 23.8 71.5





#39

1,2-Dichloropropane

Concen: 18.084 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

Tgt Ion: 63 Resp: 65349

Ion Ratio Lower Upper

63 100

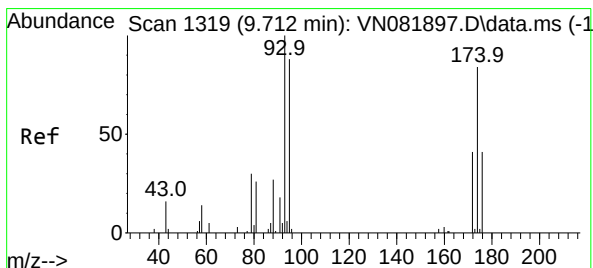
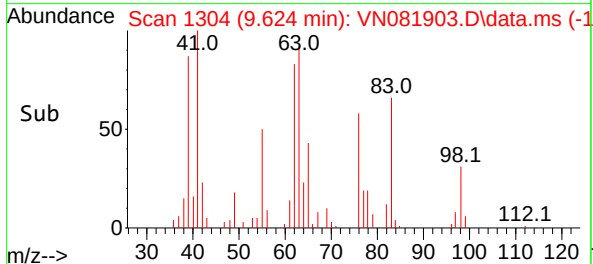
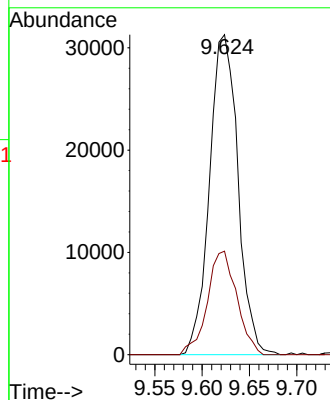
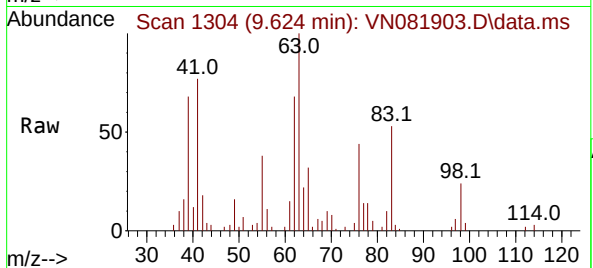
65 32.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#40

Dibromomethane

Concen: 18.482 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

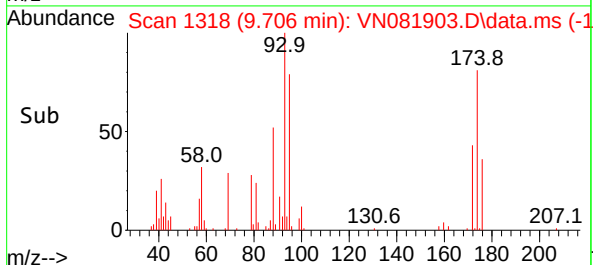
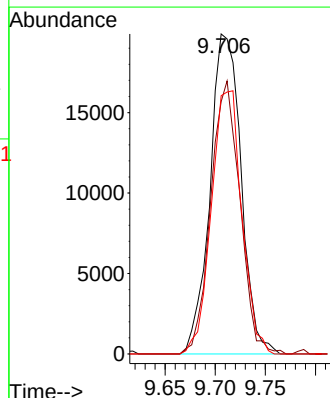
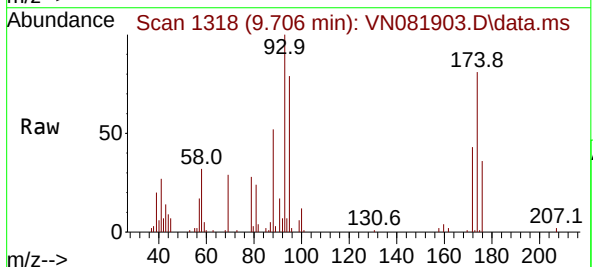
Tgt Ion: 93 Resp: 42905

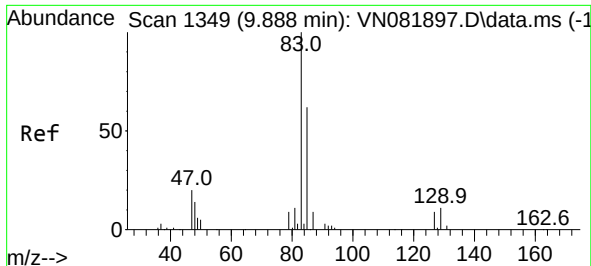
Ion Ratio Lower Upper

93 100

95 80.0 0.0 164.6

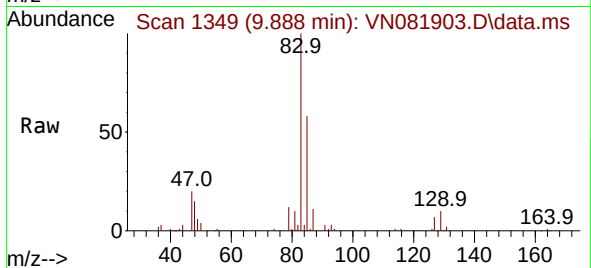
174 80.9 0.0 193.2





#41
Bromodichloromethane
Concen: 18.014 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

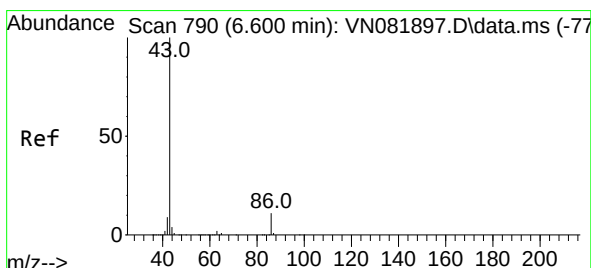
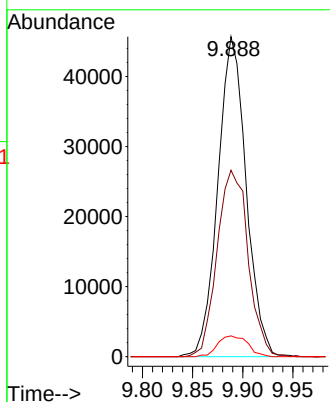
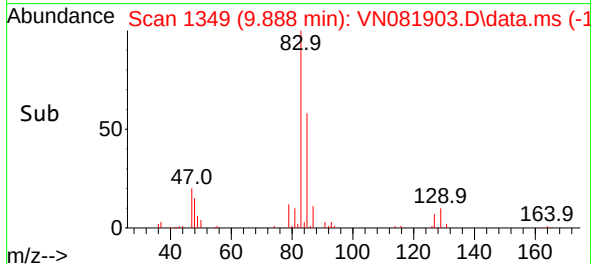
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 83 Resp: 89380
Ion Ratio Lower Upper
83 100
85 58.3 49.4 74.2
127 6.5 7.3 10.9

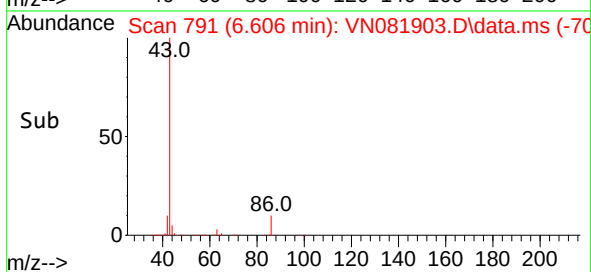
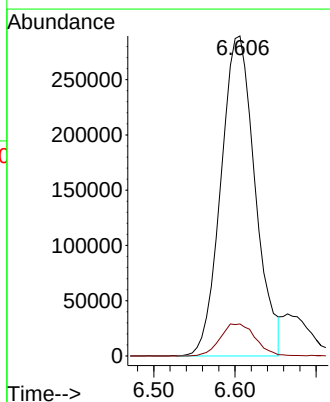
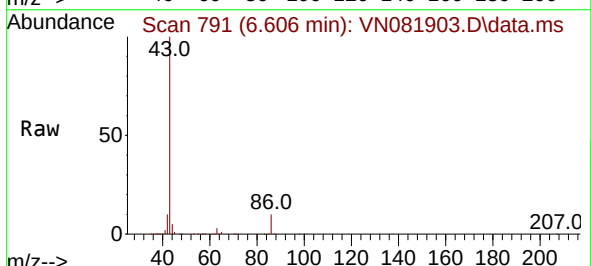
Manual Integrations
APPROVED

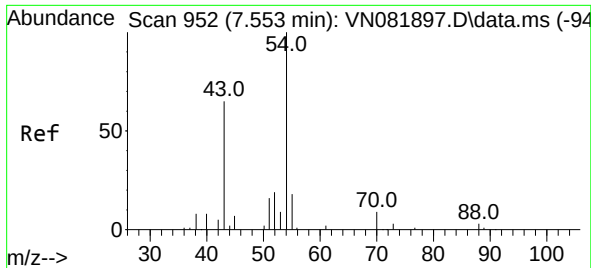
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#42
Vinyl Acetate
Concen: 87.595 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Tgt Ion: 43 Resp: 848398
Ion Ratio Lower Upper
43 100
86 10.4 9.4 14.2





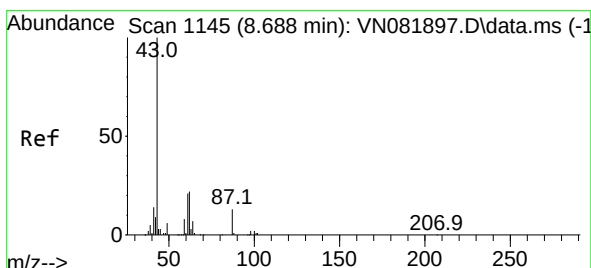
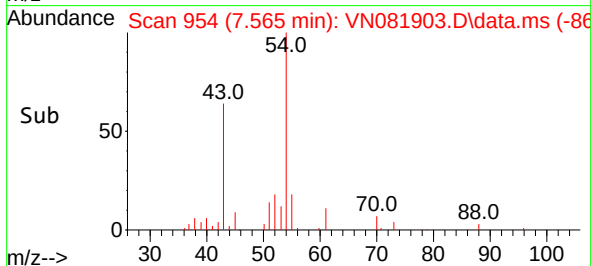
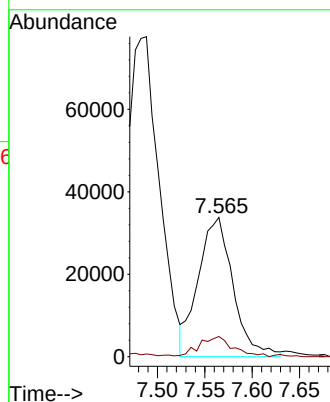
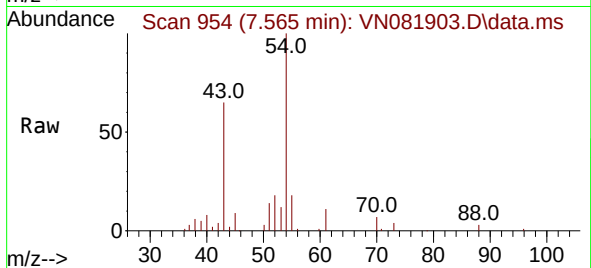
#43
Ethyl Acetate
Concen: 17.407 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion: 43 Resp: 8636
Ion Ratio Lower Upper
43 100
45 3.1 10.6 15.8

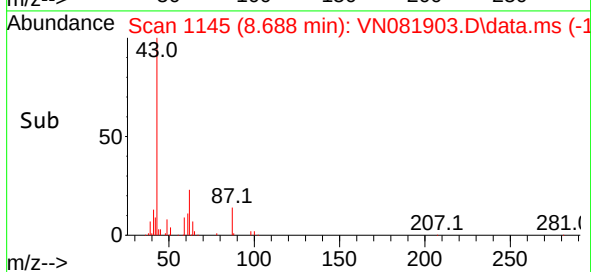
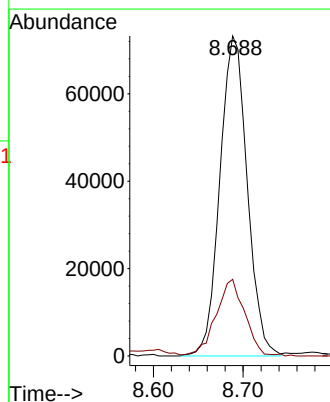
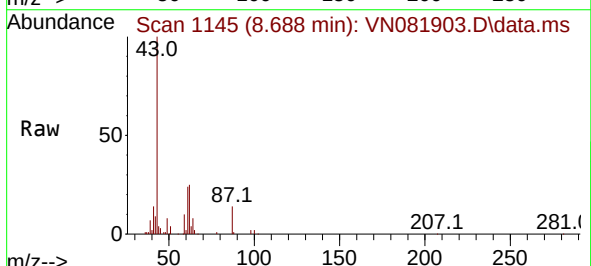
Manual Integrations
APPROVED

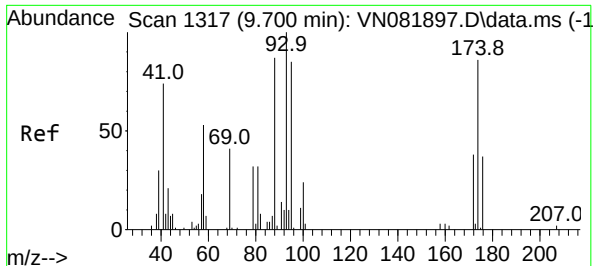
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#44
Isopropyl Acetate
Concen: 17.576 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

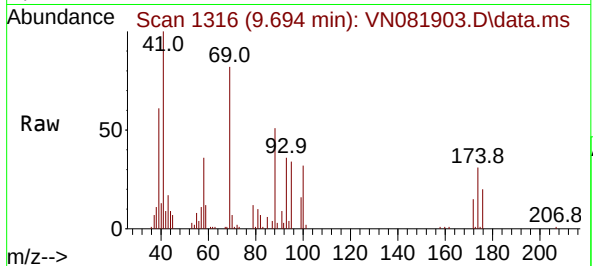
Tgt Ion: 43 Resp: 154813
Ion Ratio Lower Upper
43 100
61 25.2 25.0 37.4





#45
1,4-Dioxane
Concen: 370.960 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

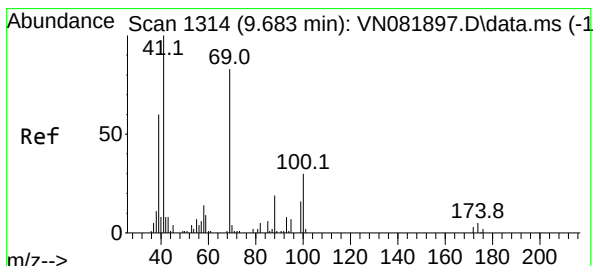
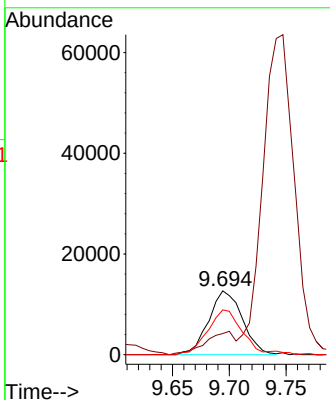
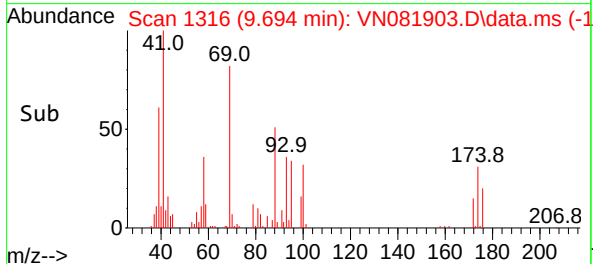
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 88 Resp: 26204
Ion Ratio Lower Upper
88 100
43 31.3 19.8 29.6
58 69.8 55.4 83.0

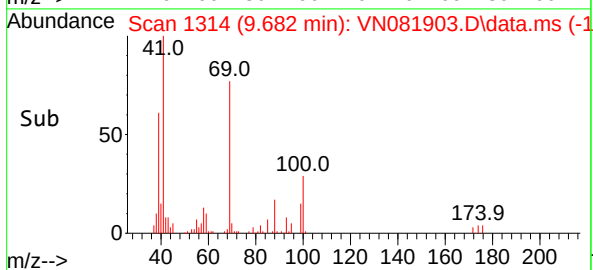
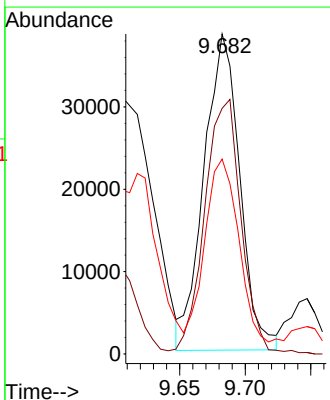
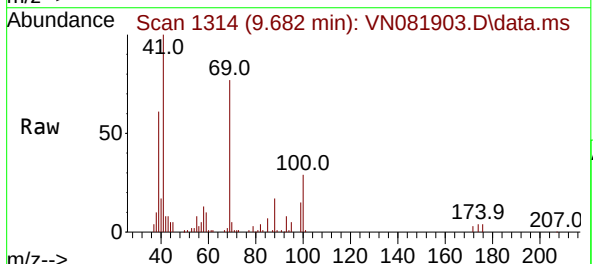
Manual Integrations
APPROVED

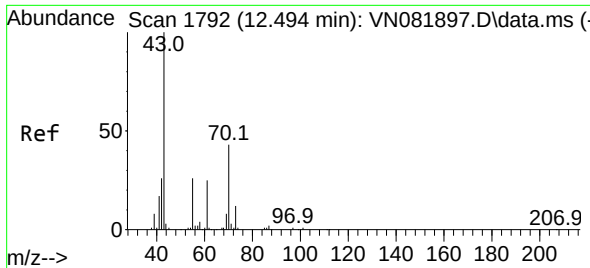
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#46
Methyl methacrylate
Concen: 18.130 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

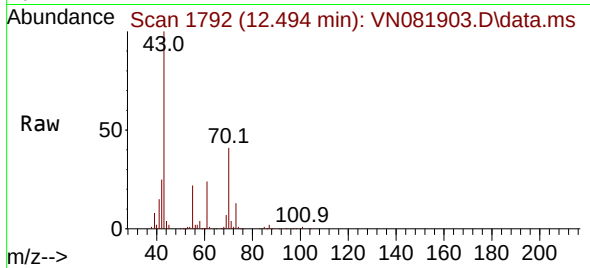
Tgt Ion: 41 Resp: 72958
Ion Ratio Lower Upper
41 100
69 80.3 51.1 153.3
39 59.6 25.8 77.3





#47
n-amy1 Acetate
Concen: 17.598 ug/l m
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

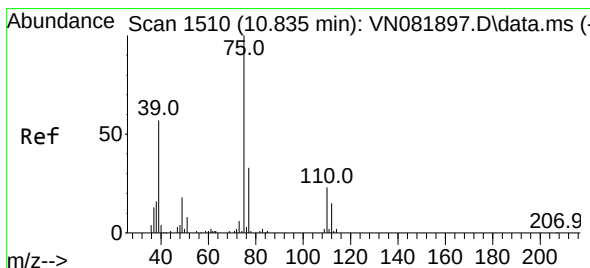
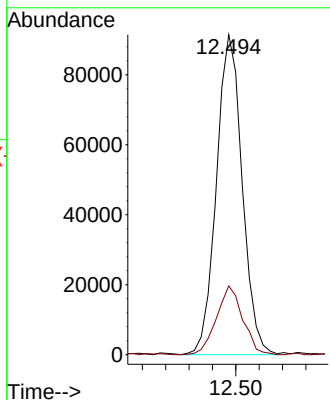
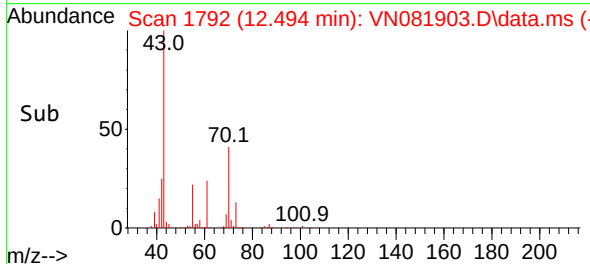
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 43 Resp: 139804
Ion Ratio Lower Upper
43 100
55 0.0 23.4 35.2

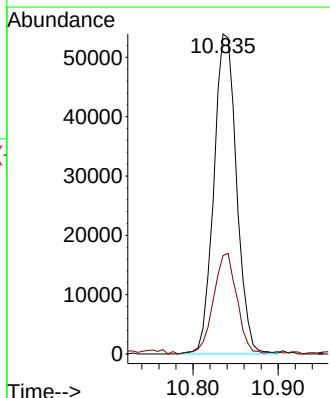
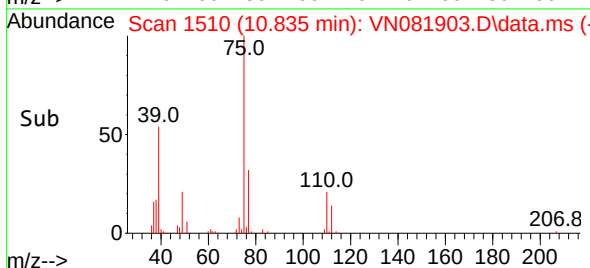
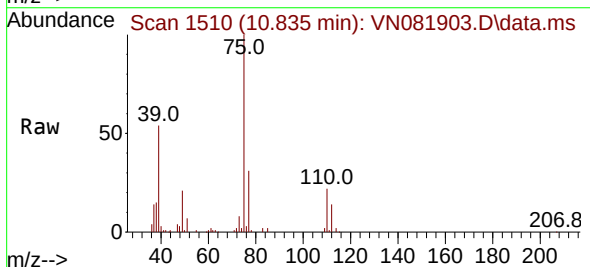
Manual Integrations
APPROVED

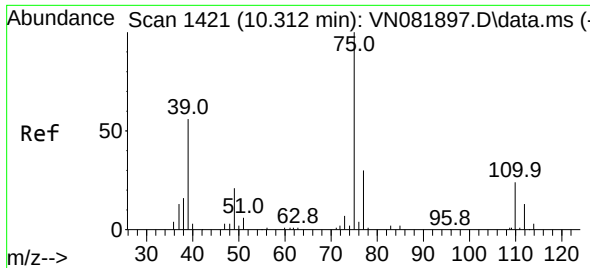
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#48
t-1,3-Dichloropropene
Concen: 18.605 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

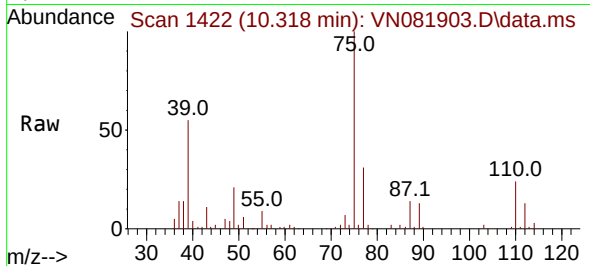
Tgt Ion: 75 Resp: 100106
Ion Ratio Lower Upper
75 100
77 30.7 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 18.861 ug/l
 RT: 10.318 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN081903.D
 Acq: 29 Apr 2024 10:07

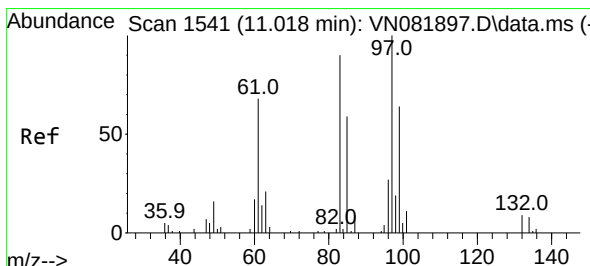
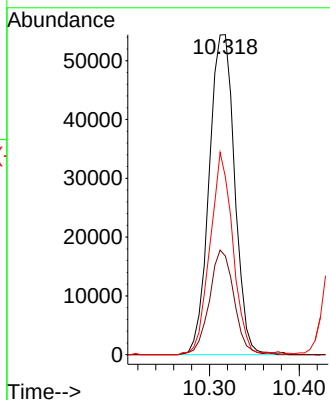
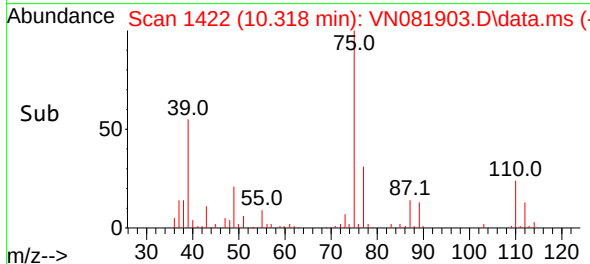
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01



Tgt Ion: 75 Resp: 10730
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.9 37.3
 39 55.5 31.0 46.6

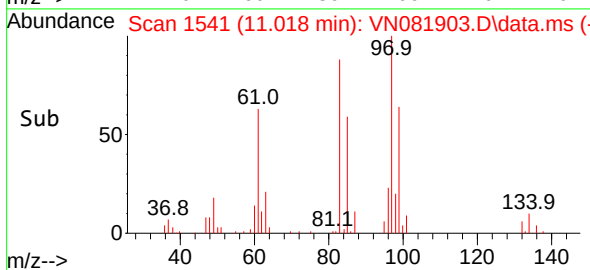
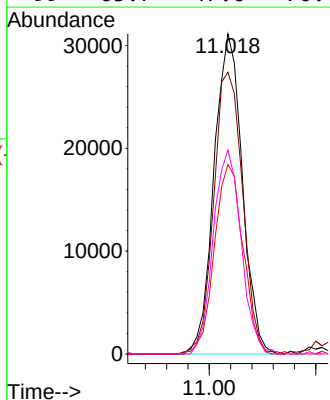
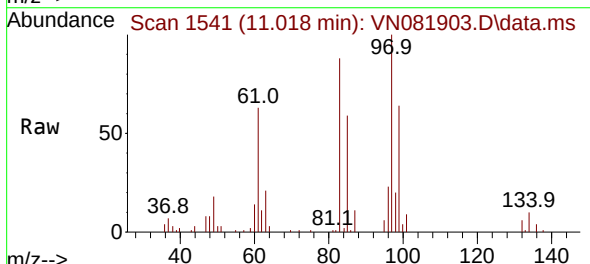
Manual Integrations
 APPROVED

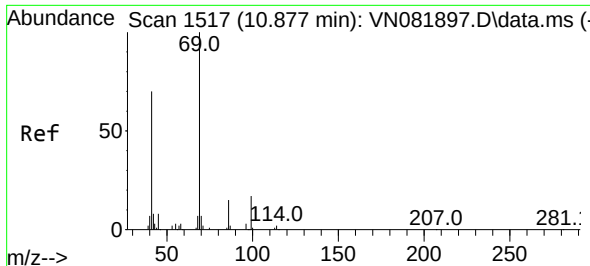
Reviewed By :John Carlone 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#50
 1,1,2-Trichloroethane
 Concen: 18.179 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081903.D
 Acq: 29 Apr 2024 10:07

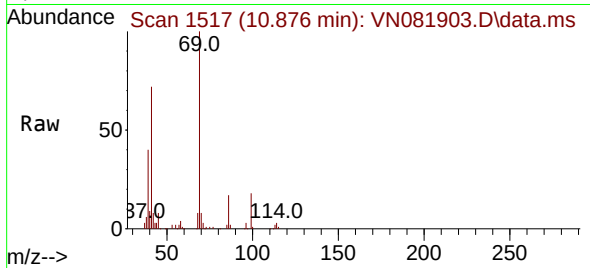
Tgt Ion: 97 Resp: 57256
 Ion Ratio Lower Upper
 97 100
 83 88.1 68.1 102.1
 85 59.2 41.8 62.6
 99 63.7 47.0 70.4





#51
Ethyl methacrylate
Concen: 17.512 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

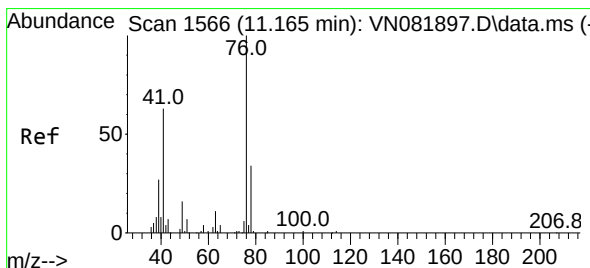
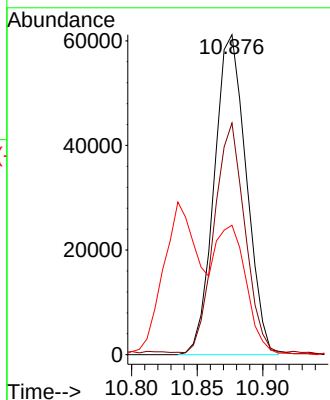
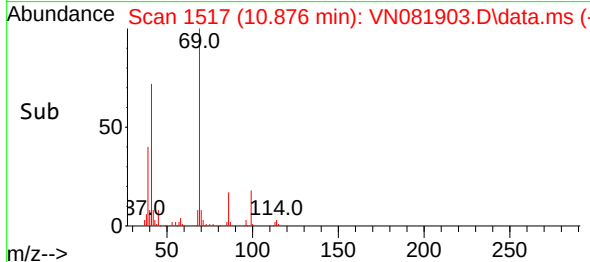
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 69 Resp: 104097
Ion Ratio Lower Upper
69 100
41 71.7 25.5 76.5
39 39.9 16.0 47.9

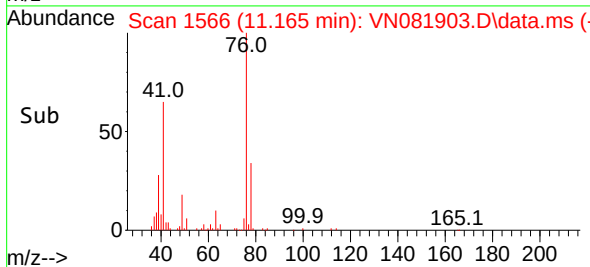
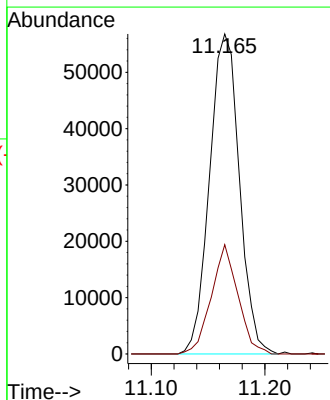
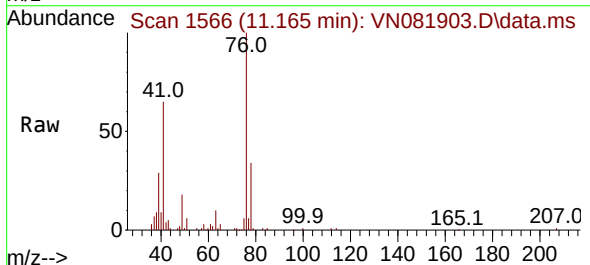
Manual Integrations
APPROVED

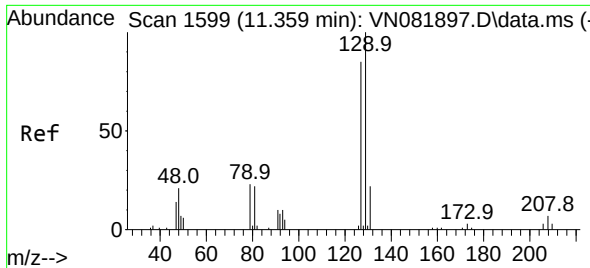
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#52
1,3-Dichloropropane
Concen: 17.917 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

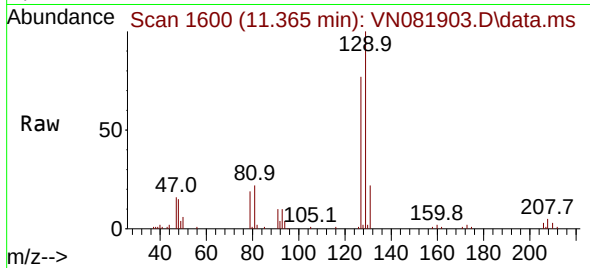
Tgt Ion: 76 Resp: 103672
Ion Ratio Lower Upper
76 100
78 30.6 0.0 65.8





#53
Dibromochloromethane
Concen: 17.676 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

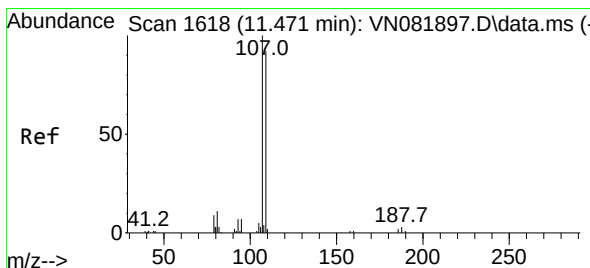
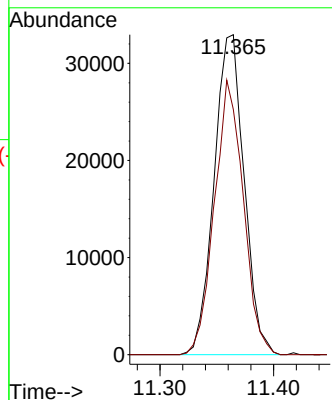
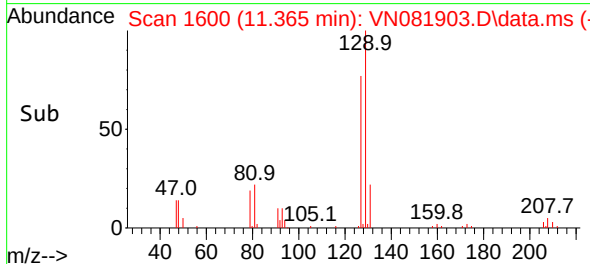
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



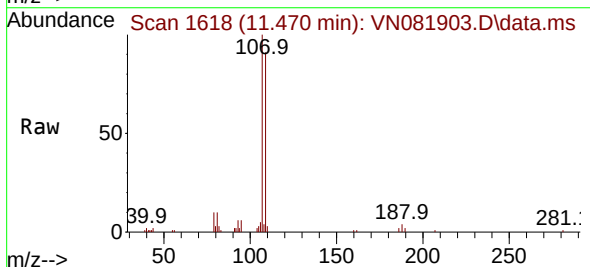
Tgt Ion:129 Resp: 6057
Ion Ratio Lower Upper
129 100
127 82.6 39.4 118.1

Manual Integrations
APPROVED

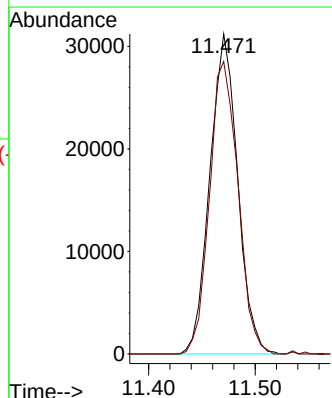
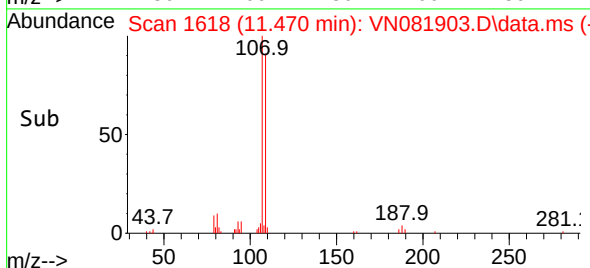
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

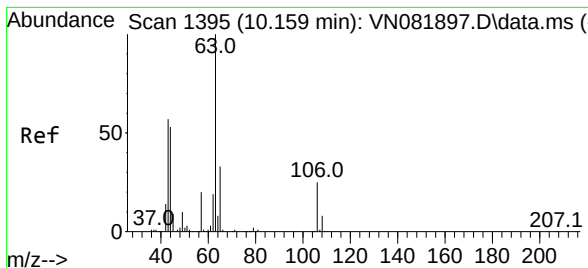


#54
1,2-Dibromoethane
Concen: 18.010 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07



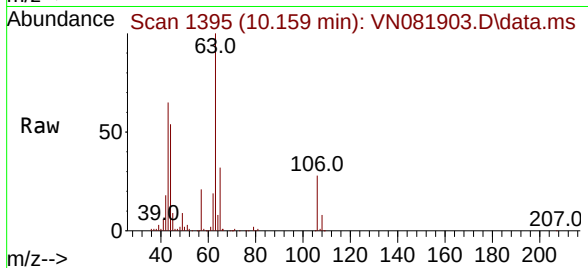
Tgt Ion:107 Resp: 56570
Ion Ratio Lower Upper
107 100
109 93.7 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 72.753 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

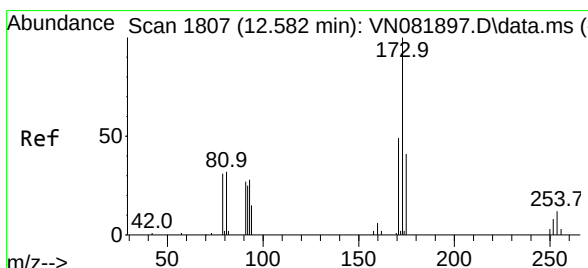
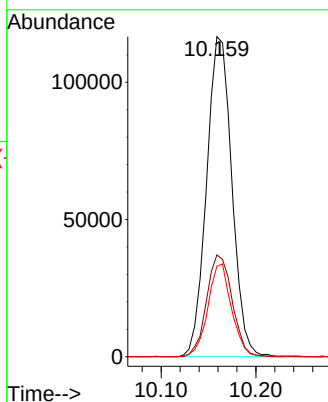
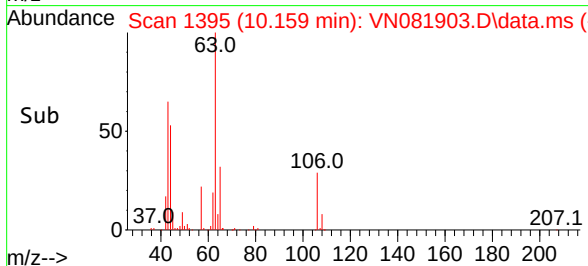
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 63 Resp: 21625
Ion Ratio Lower Upper
63 100
65 32.1 26.2 39.2
106 27.1 23.8 35.8

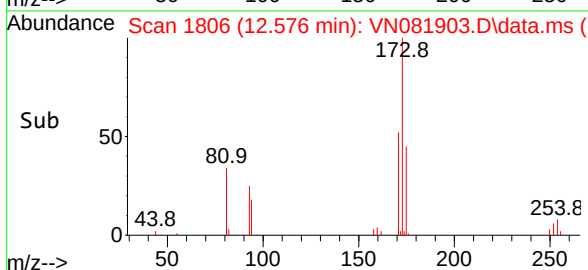
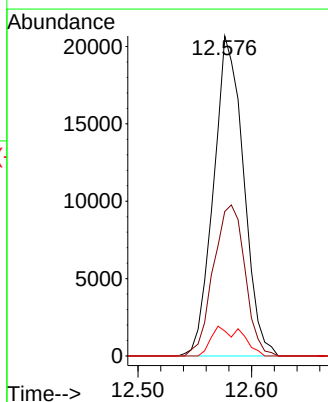
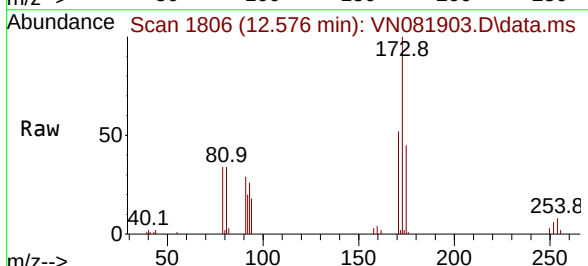
Manual Integrations
APPROVED

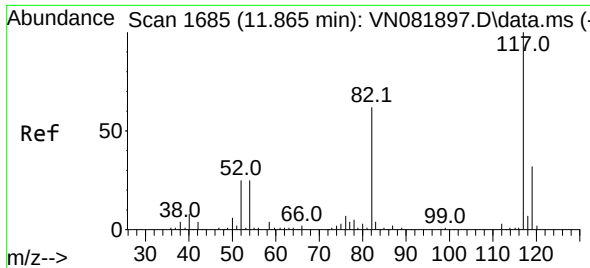
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#56
Bromoform
Concen: 18.173 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Tgt Ion:173 Resp: 37900
Ion Ratio Lower Upper
173 100
175 49.8 40.0 60.0
254 3.7 8.3 12.5#





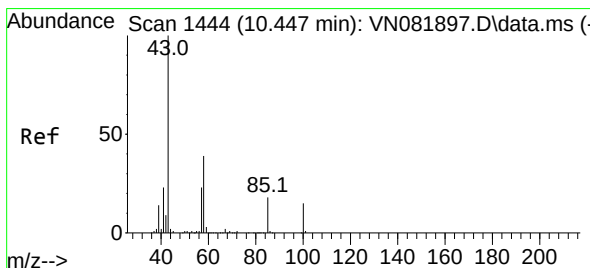
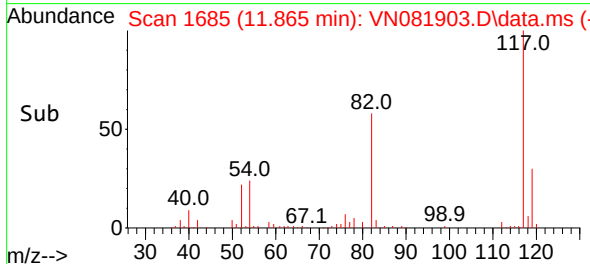
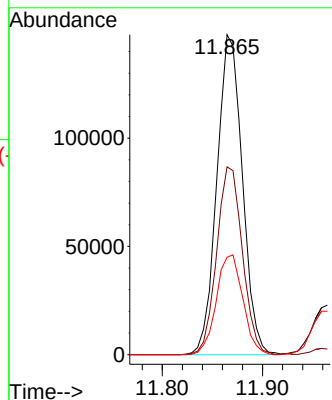
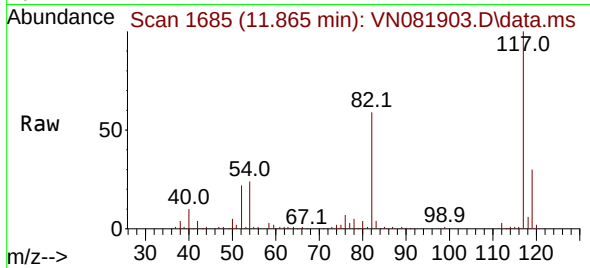
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion:117 Resp: 261212
Ion Ratio Lower Upper
117 100
82 59.3 46.6 69.8
119 32.4 25.4 38.2

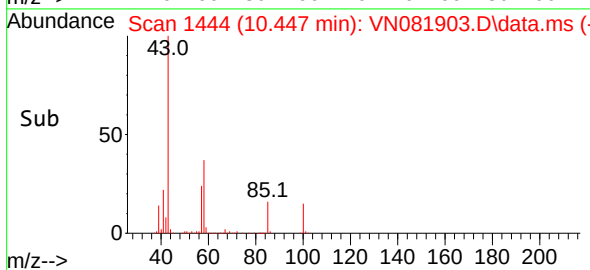
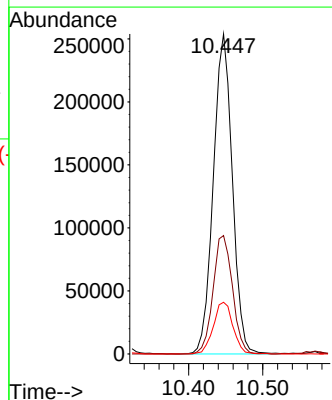
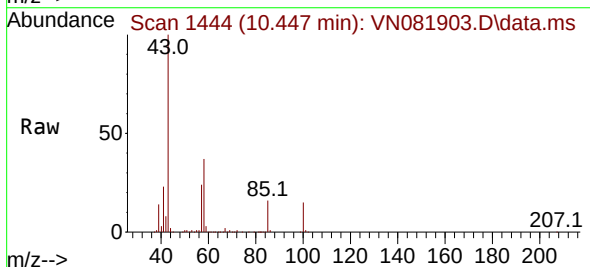
Manual Integrations
APPROVED

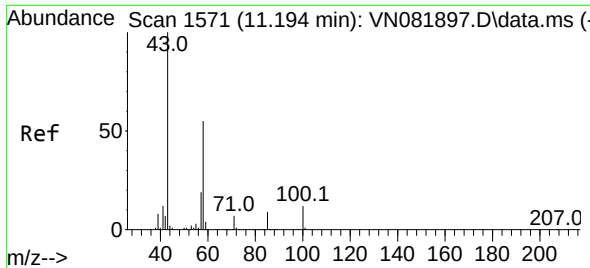
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#58
4-Methyl-2-Pentanone
Concen: 89.253 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

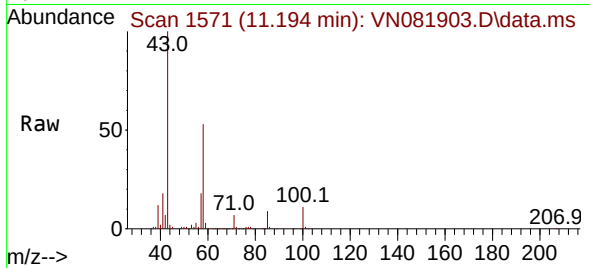
Tgt Ion: 43 Resp: 452687
Ion Ratio Lower Upper
43 100
58 37.7 36.5 54.7
85 16.6 19.5 29.3#





#59
2-Hexanone
Concen: 93.617 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

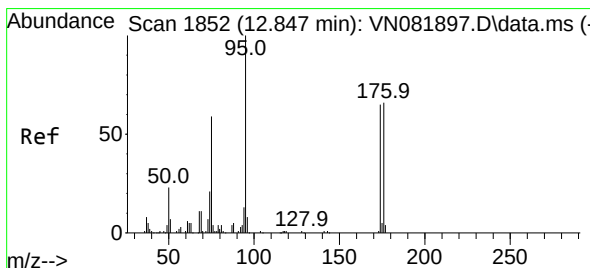
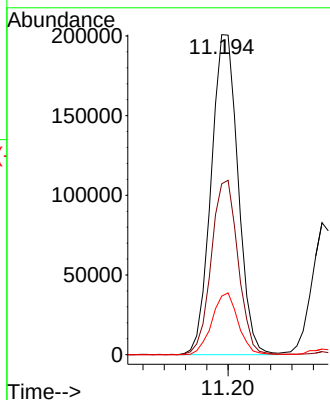
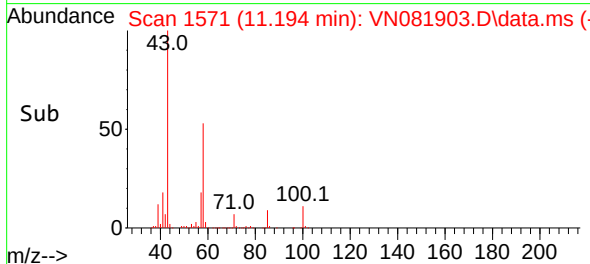
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 43 Resp: 352052
Ion Ratio Lower Upper
43 100
58 54.1 50.4 75.6
57 18.7 18.6 27.8

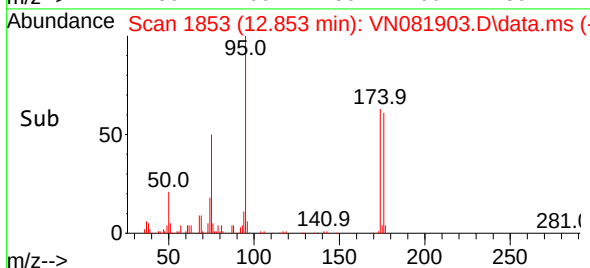
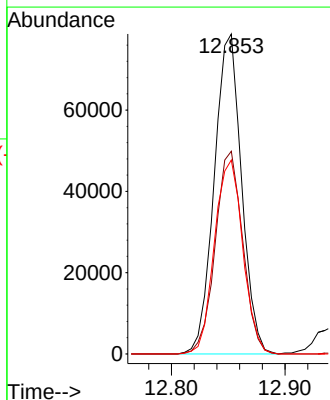
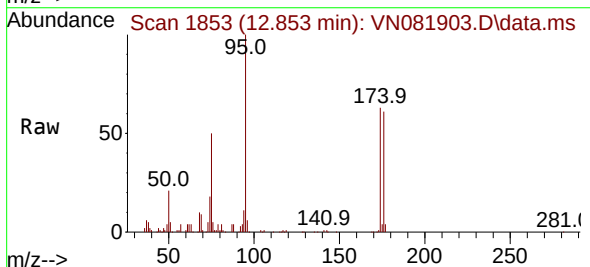
Manual Integrations
APPROVED

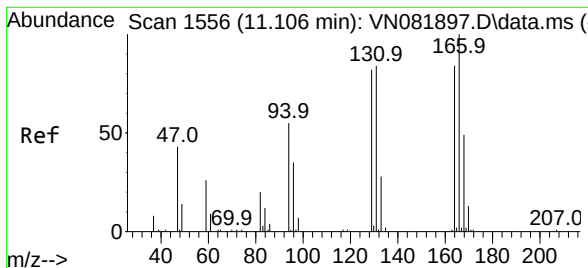
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#60
4-Bromofluorobenzene
Concen: 30.284 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

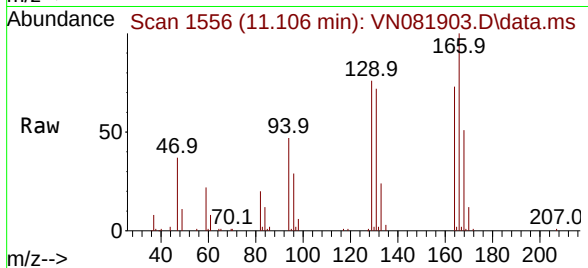
Tgt Ion: 95 Resp: 131648
Ion Ratio Lower Upper
95 100
174 63.7 60.5 90.7
176 62.9 57.8 86.6





#61
Tetrachloroethene
Concen: 18.951 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

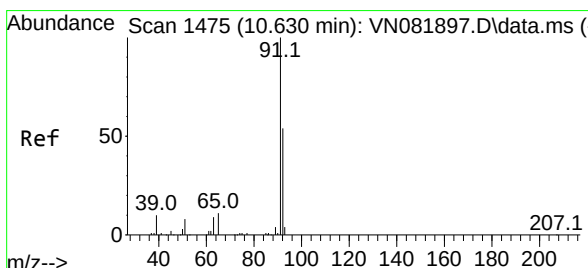
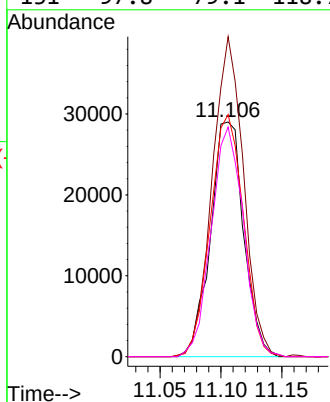
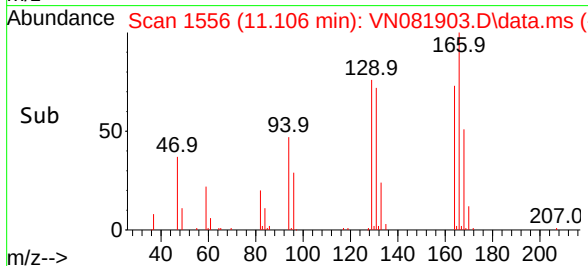
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



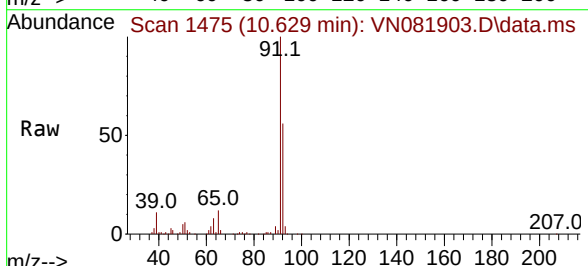
Tgt Ion:164 Resp: 54928
Ion Ratio Lower Upper
164 100
166 135.6 106.7 160.1
129 102.6 85.8 128.6
131 97.8 79.1 118.7

Manual Integrations
APPROVED

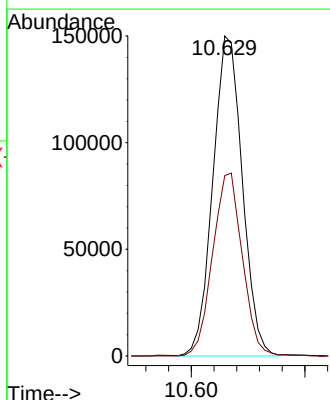
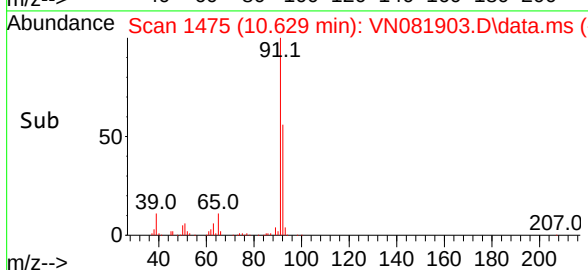
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

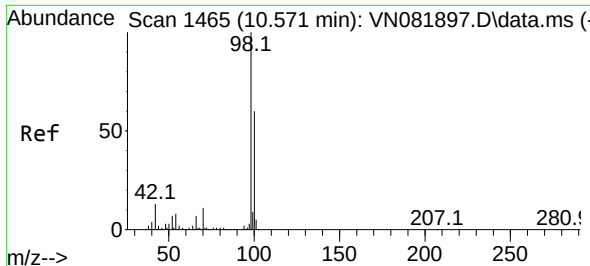


#62
Toluene
Concen: 18.390 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07



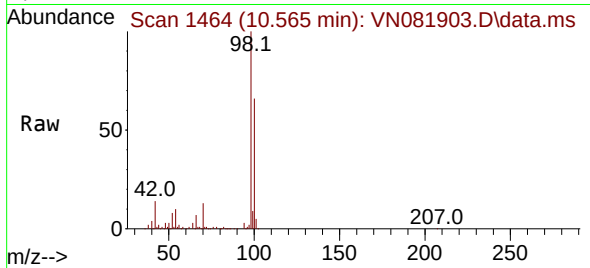
Tgt Ion: 91 Resp: 270289
Ion Ratio Lower Upper
91 100
92 57.5 46.5 69.7





#63
Toluene-d8
Concen: 29.866 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

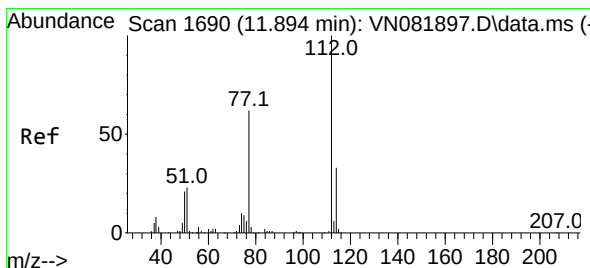
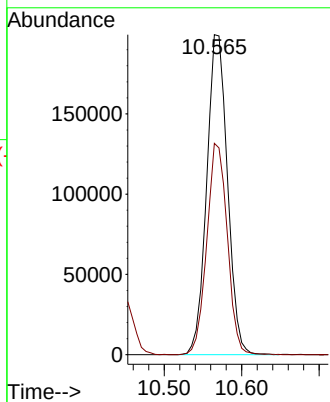
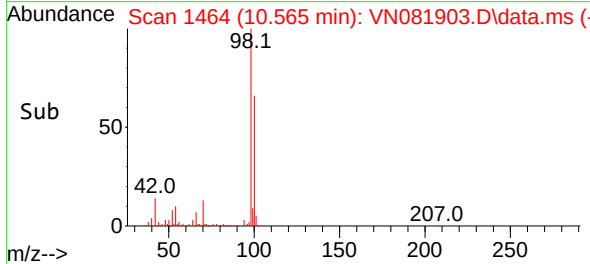
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 98 Resp: 370485
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

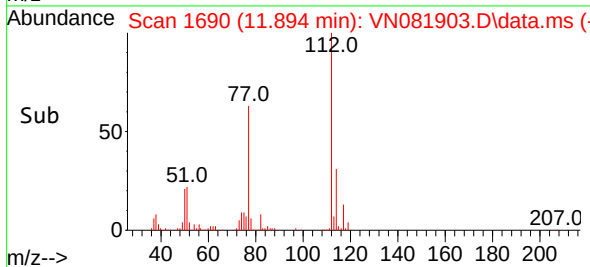
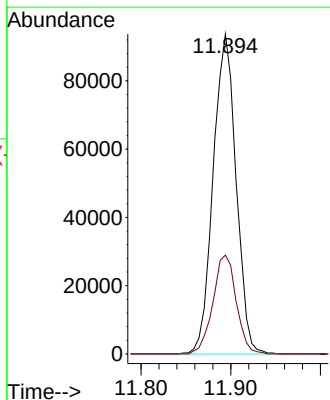
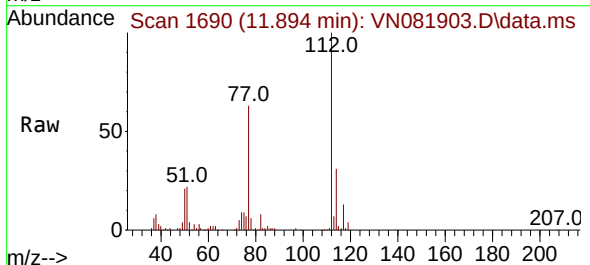
Manual Integrations
APPROVED

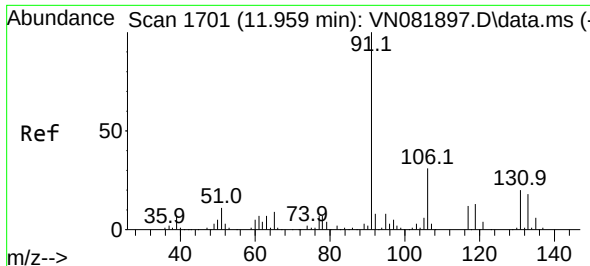
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#64
Chlorobenzene
Concen: 18.477 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

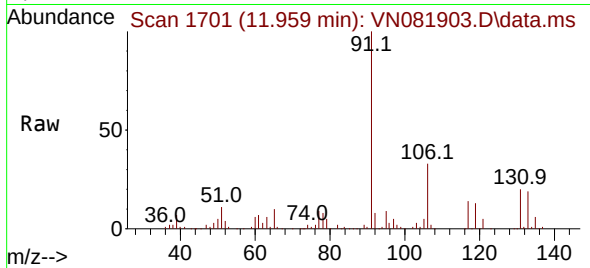
Tgt Ion:112 Resp: 166101
Ion Ratio Lower Upper
112 100
114 30.9 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 18.262 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

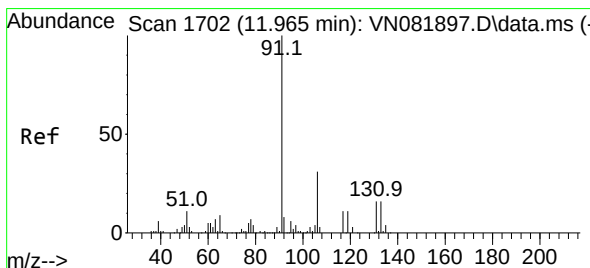
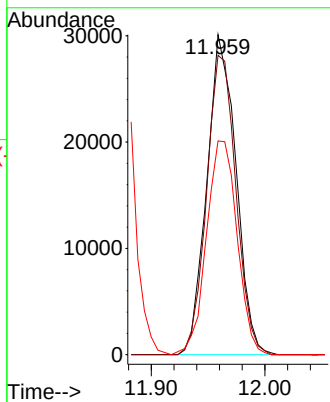
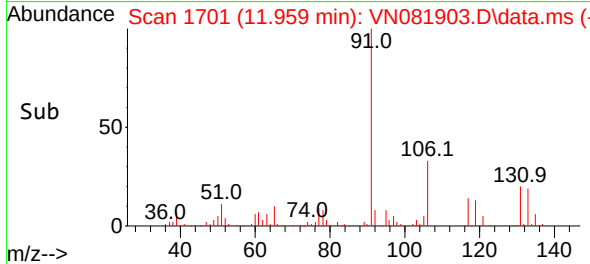
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion:131 Resp: 53730
Ion Ratio Lower Upper
131 100
133 94.1 0.0 188.0
119 70.1 0.0 122.8

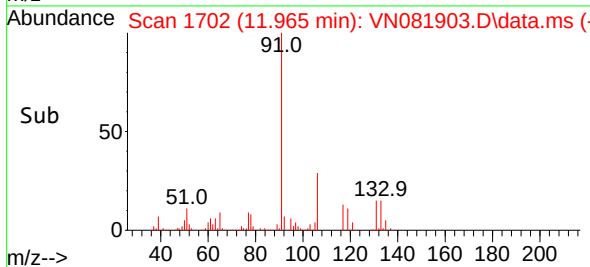
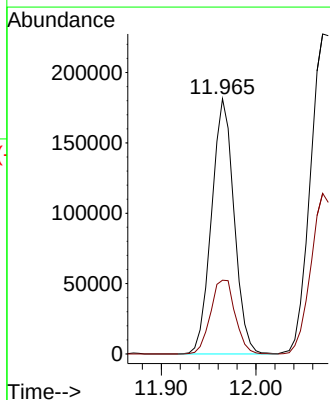
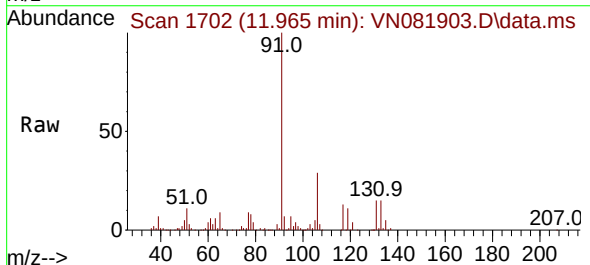
Manual Integrations
APPROVED

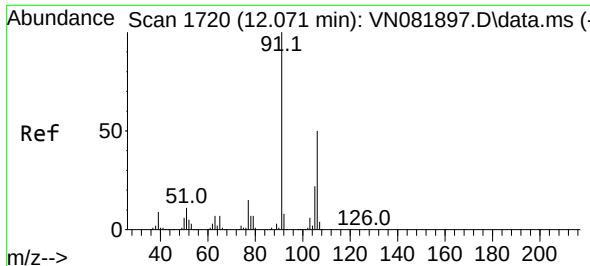
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#66
Ethyl Benzene
Concen: 18.602 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Tgt Ion: 91 Resp: 299676
Ion Ratio Lower Upper
91 100
106 28.9 24.4 36.6





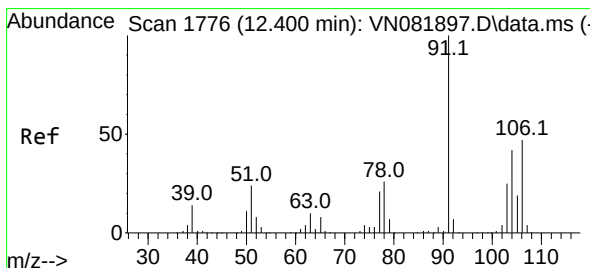
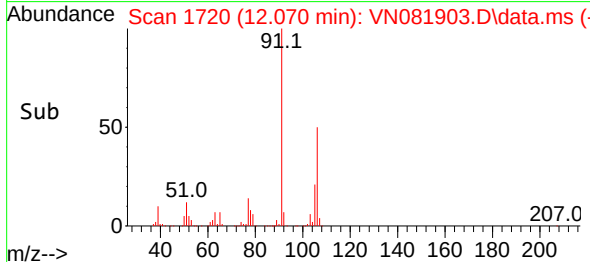
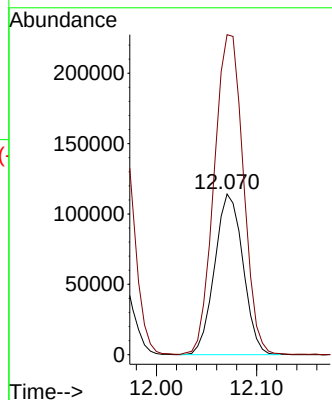
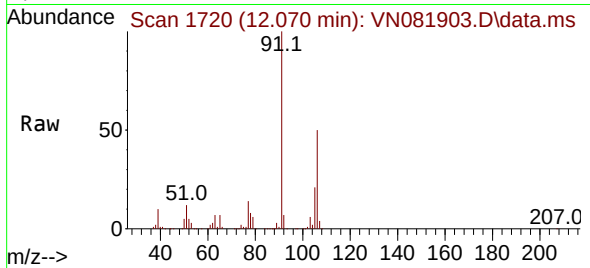
#67
m/p-Xylenes
Concen: 37.586 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion:106 Resp: 224504
Ion Ratio Lower Upper
106 100
91 204.9 166.6 249.8

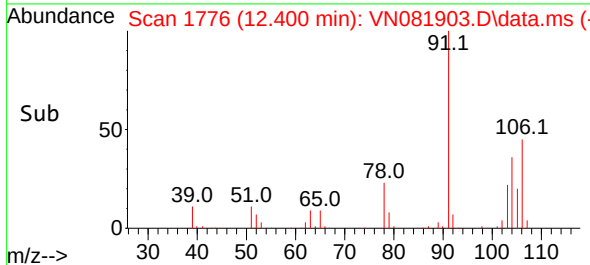
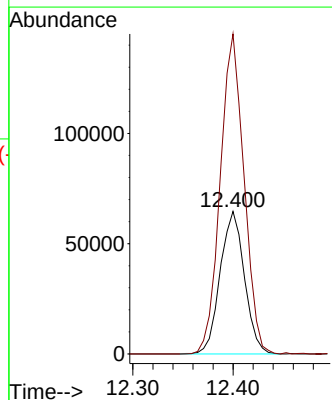
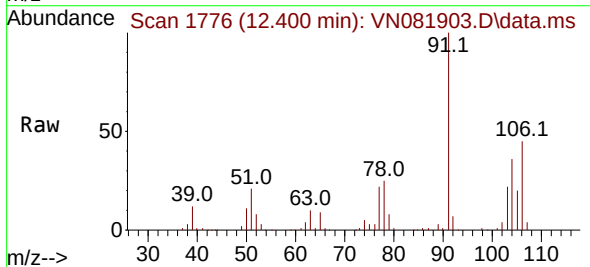
Manual Integrations
APPROVED

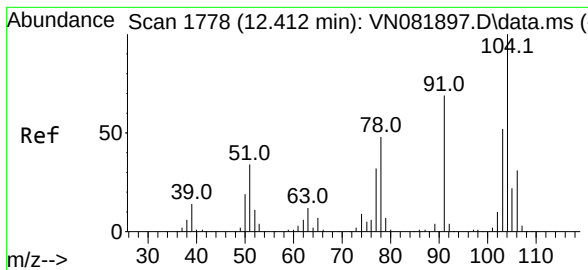
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#68
o-Xylene
Concen: 18.361 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Tgt Ion:106 Resp: 108506
Ion Ratio Lower Upper
106 100
91 219.5 110.0 330.0





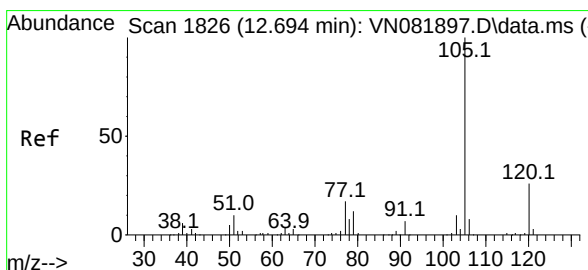
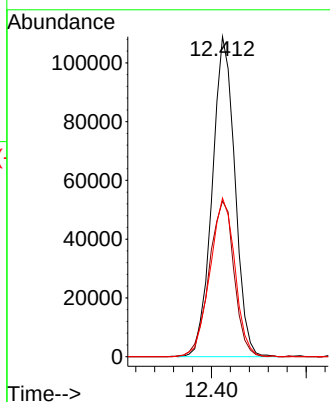
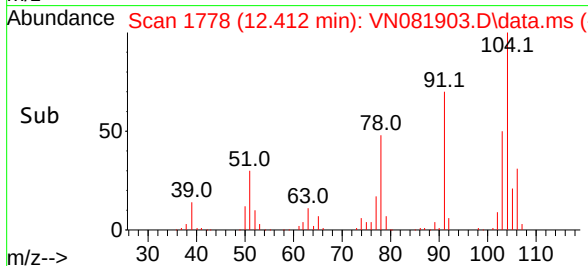
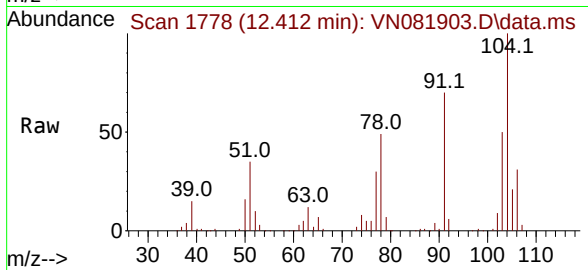
#69
Styrene
Concen: 18.299 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion:104 Resp: 181532
Ion Ratio Lower Upper
104 100
78 53.5 42.6 64.0
103 54.4 43.7 65.5

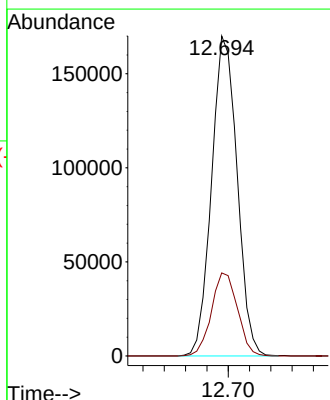
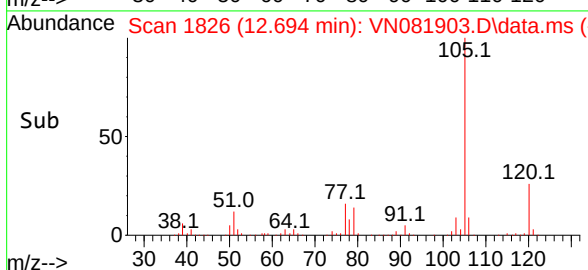
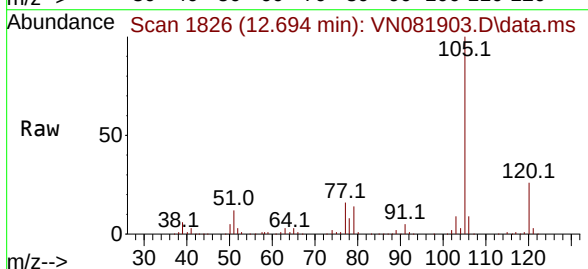
Manual Integrations
APPROVED

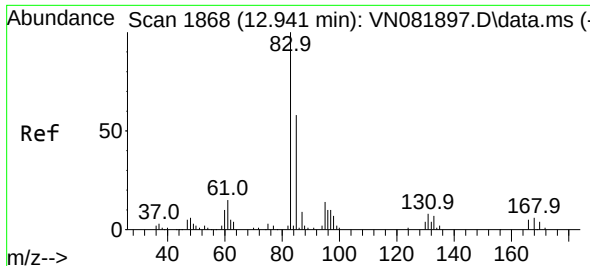
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#70
Isopropylbenzene
Concen: 18.855 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Tgt Ion:105 Resp: 282996
Ion Ratio Lower Upper
105 100
120 26.5 17.8 33.1





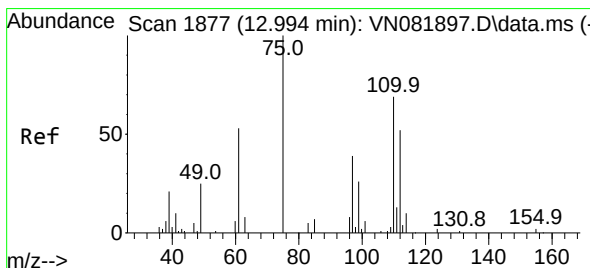
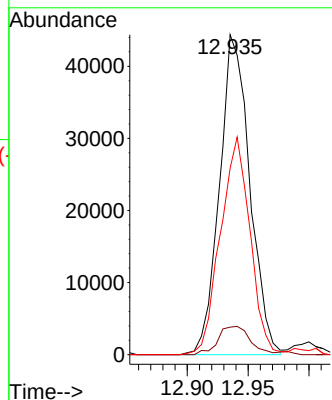
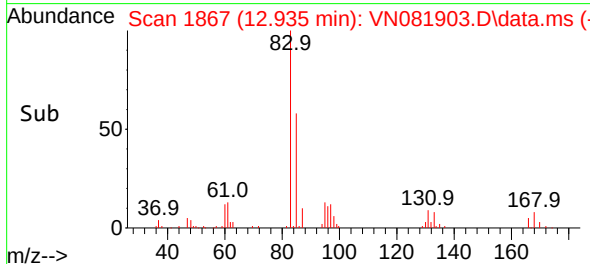
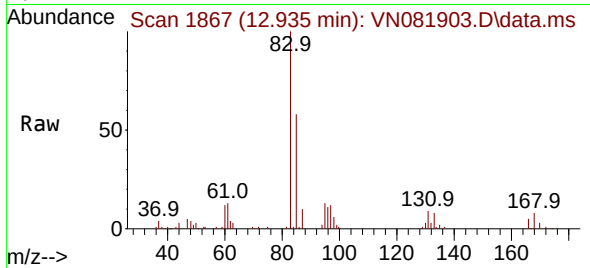
#71
1,1,2,2-Tetrachloroethane
Concen: 17.796 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion: 83 Resp: 7686
Ion Ratio Lower Upper
83 100
131 9.4 5.2 15.6
85 66.6 32.3 96.8

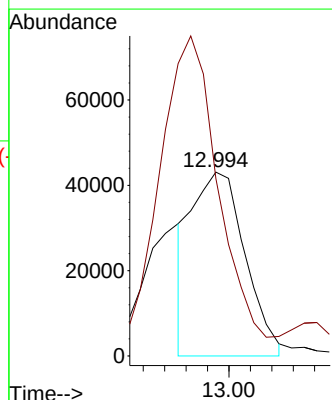
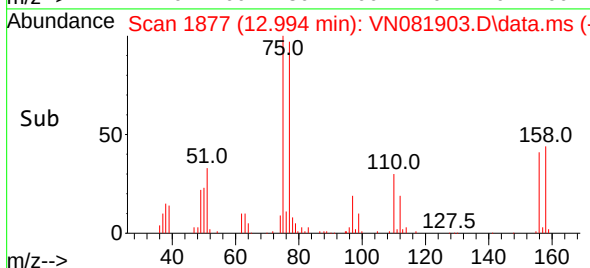
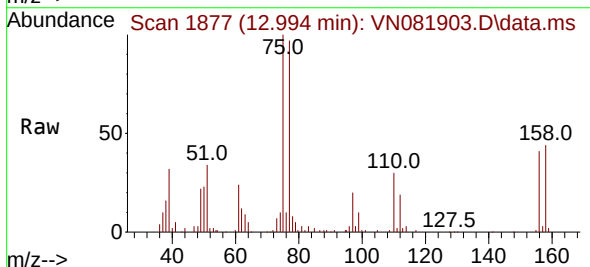
Manual Integrations
APPROVED

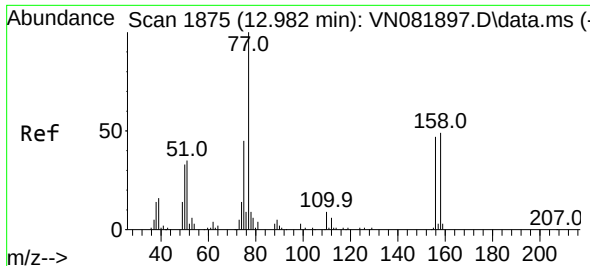
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#72
1,2,3-Trichloropropane
Concen: 18.461 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Tgt Ion: 75 Resp: 74544
Ion Ratio Lower Upper
75 100
77 196.6 0.0 367.6





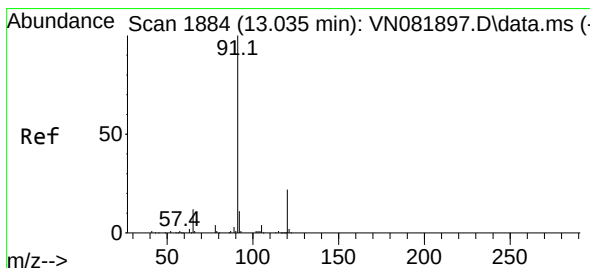
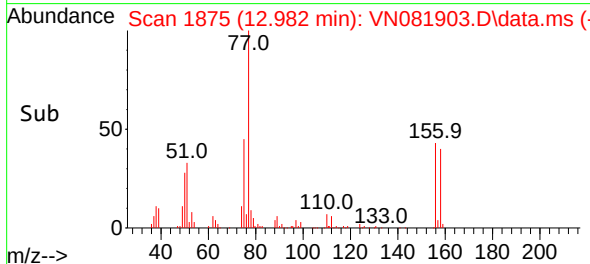
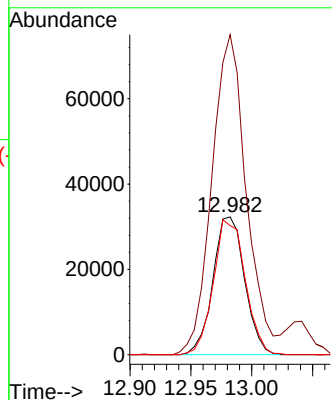
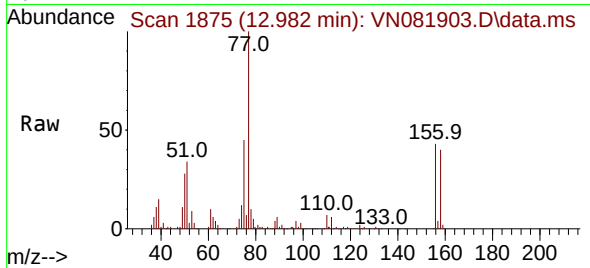
#73
Bromobenzene
Concen: 18.137 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion:156 Resp: 5827
Ion Ratio Lower Upper
156 100
77 251.4 0.0 437.6
158 98.8 0.0 203.8

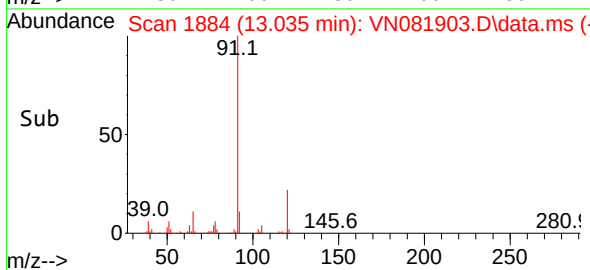
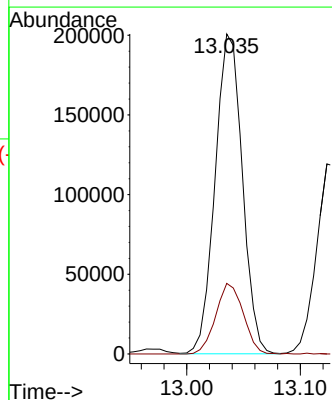
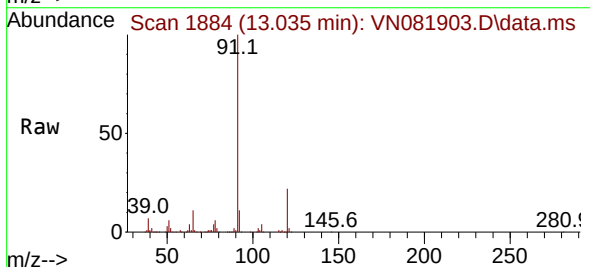
Manual Integrations
APPROVED

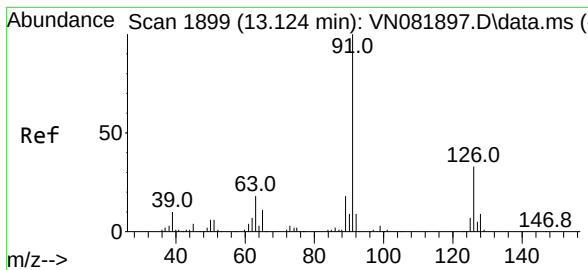
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#74
n-propylbenzene
Concen: 18.890 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

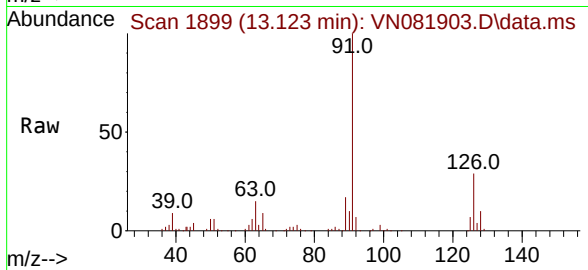
Tgt Ion: 91 Resp: 334487
Ion Ratio Lower Upper
91 100
120 22.2 0.0 43.8





#75
2-Chlorotoluene
Concen: 18.720 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

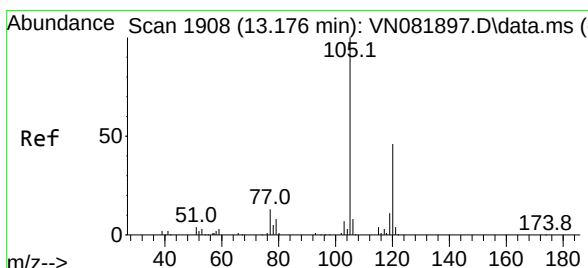
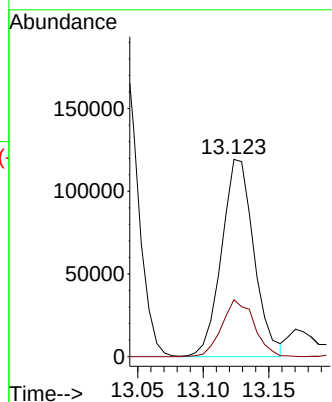
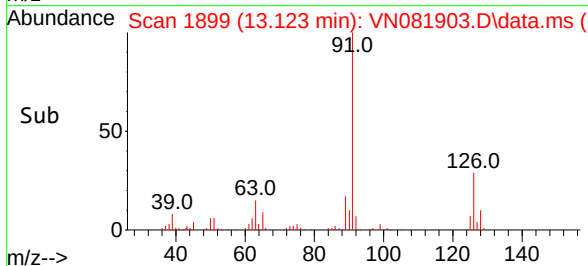
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 91 Resp: 205069
Ion Ratio Lower Upper
91 100
126 28.8 0.0 61.2

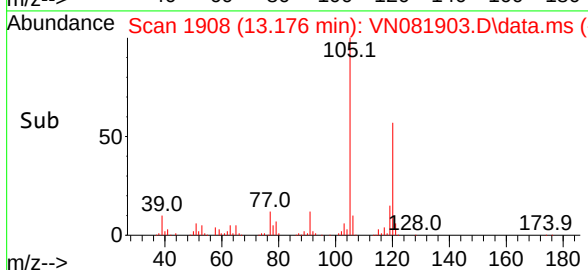
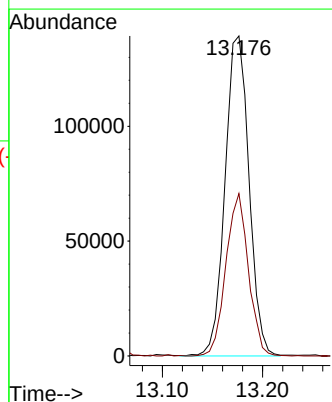
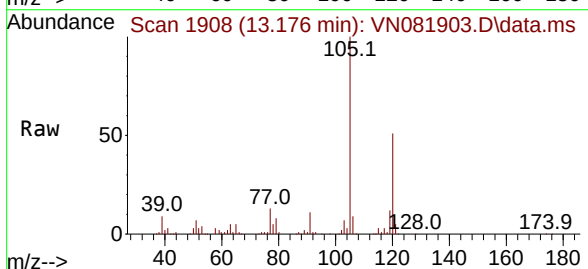
Manual Integrations
APPROVED

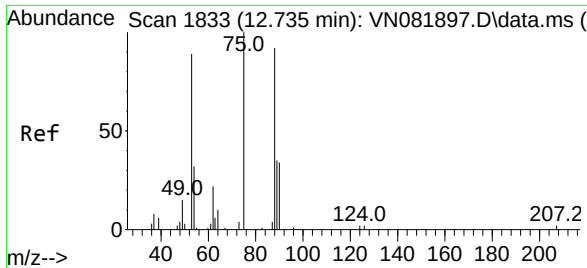
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.053 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

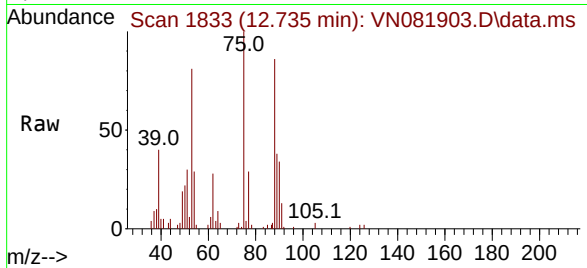
Tgt Ion:105 Resp: 231469
Ion Ratio Lower Upper
105 100
120 47.6 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.877 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

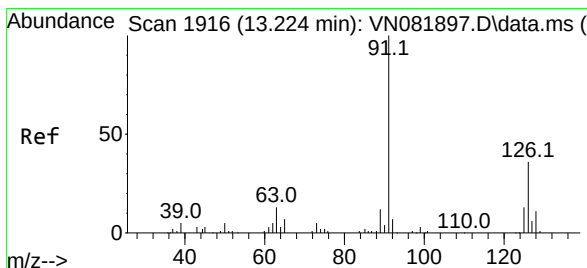
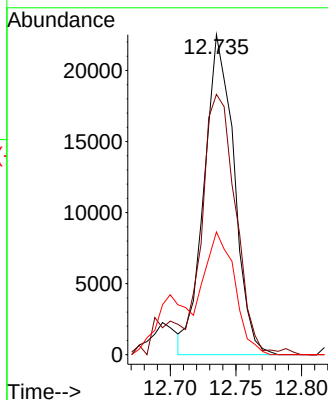
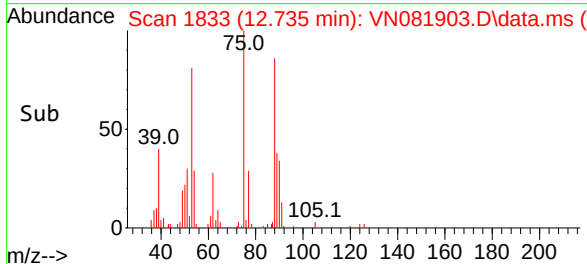
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 75 Resp: 35725
Ion Ratio Lower Upper
75 100
53 80.3 45.9 137.7
89 36.9 25.9 77.7

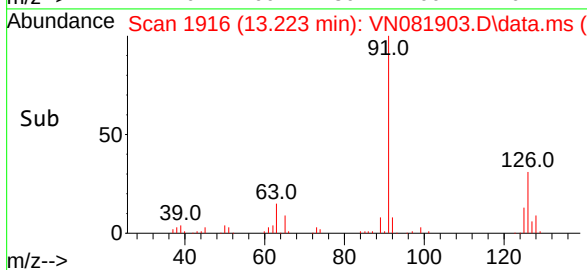
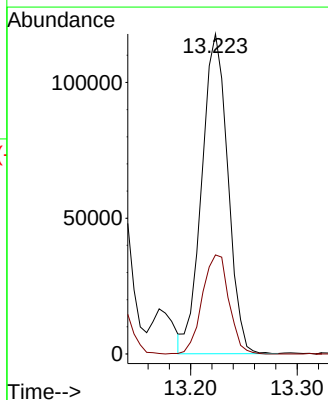
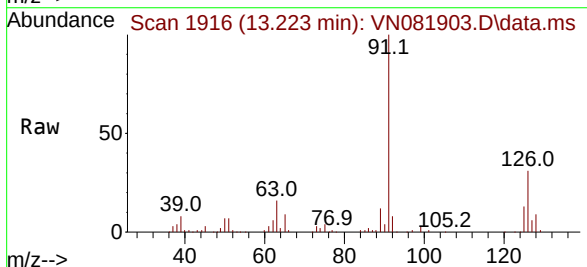
Manual Integrations
APPROVED

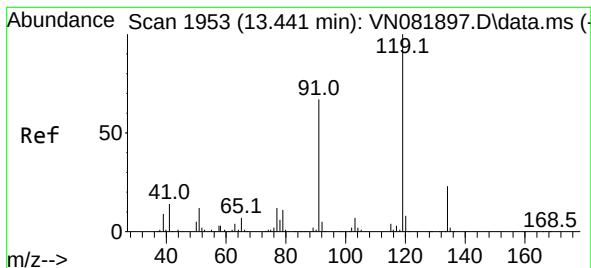
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#78
4-Chlorotoluene
Concen: 18.687 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

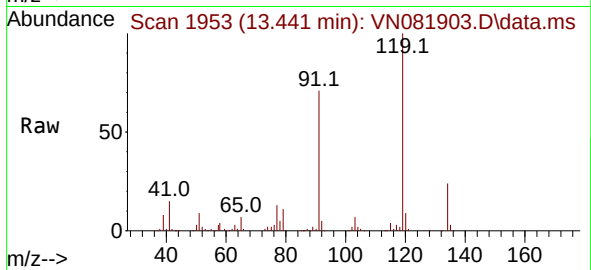
Tgt Ion: 91 Resp: 200540
Ion Ratio Lower Upper
91 100
126 31.6 0.0 62.8





#79
tert-butylbenzene
Concen: 18.842 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

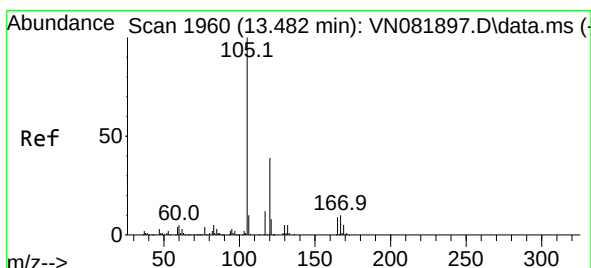
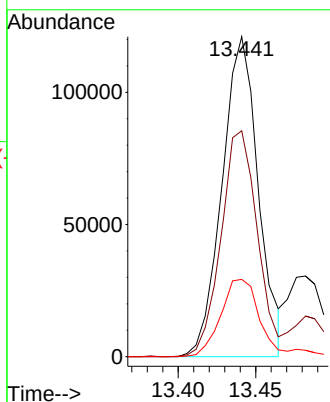
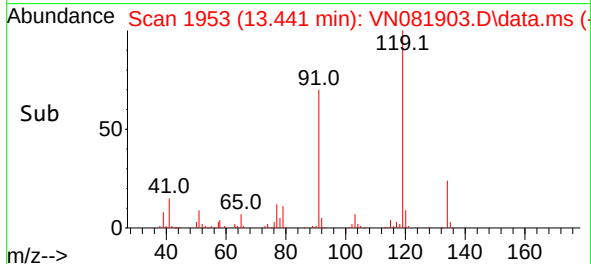
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion:119 Resp: 197082
Ion Ratio Lower Upper
119 100
91 70.5 0.0 138.8
134 25.5 0.0 48.6

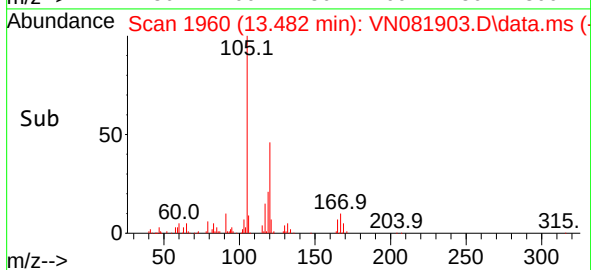
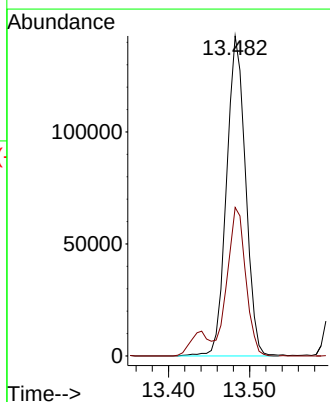
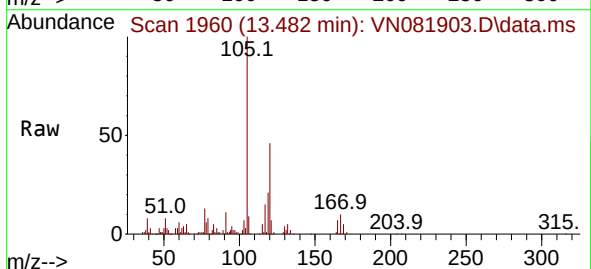
Manual Integrations
APPROVED

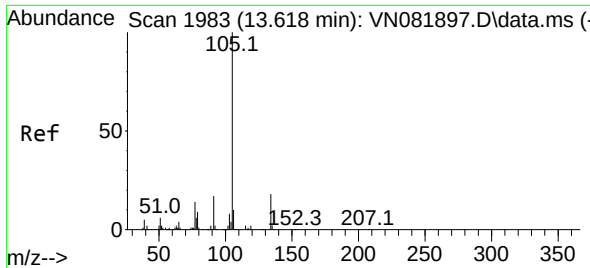
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.035 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

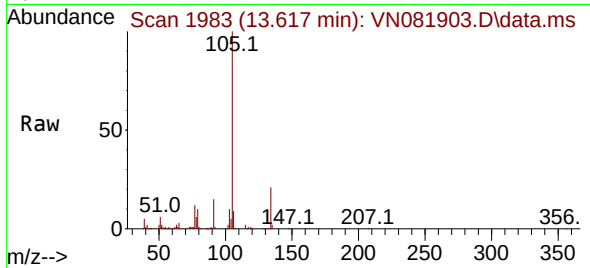
Tgt Ion:105 Resp: 232283
Ion Ratio Lower Upper
105 100
120 45.3 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 19.220 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081903.D
 Acq: 29 Apr 2024 10:07

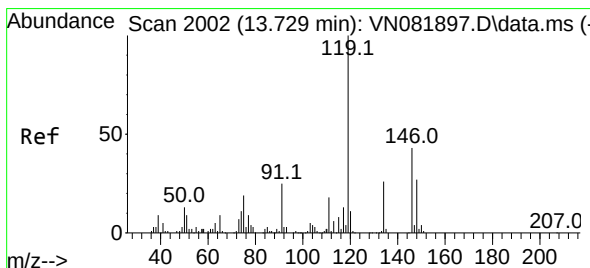
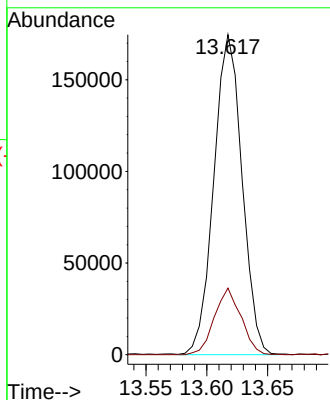
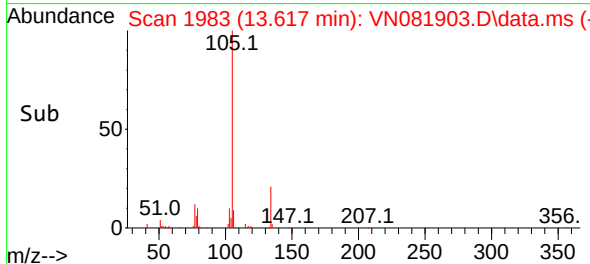
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01



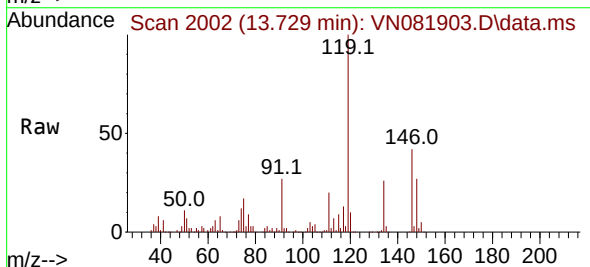
Tgt Ion:105 Resp: 28180
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.0

Manual Integrations
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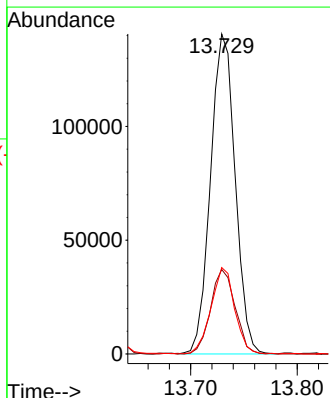
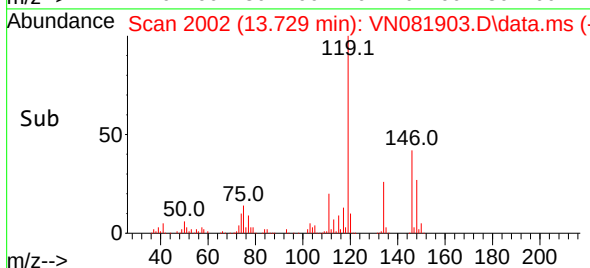
Reviewed By :John Carlone 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024

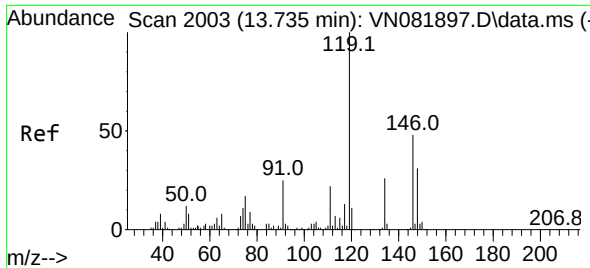


#82
 p-Isopropyltoluene
 Concen: 19.520 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081903.D
 Acq: 29 Apr 2024 10:07



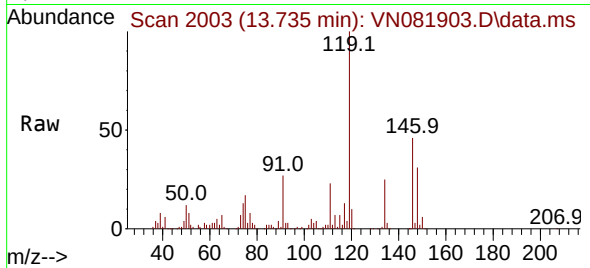
Tgt Ion:119 Resp: 226316
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 49.2
 91 25.8 0.0 48.8





#83
 1,3-Dichlorobenzene
 Concen: 18.606 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081903.D
 Acq: 29 Apr 2024 10:07

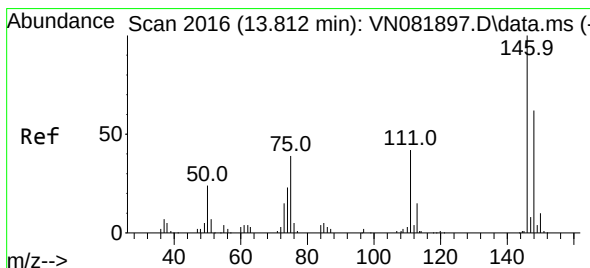
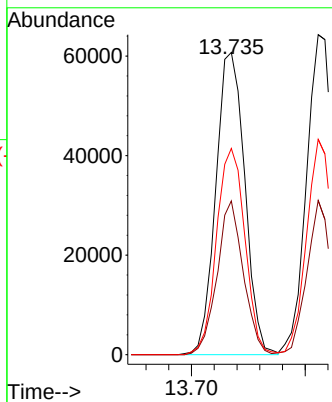
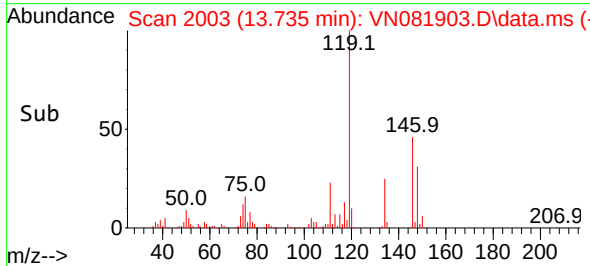
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01



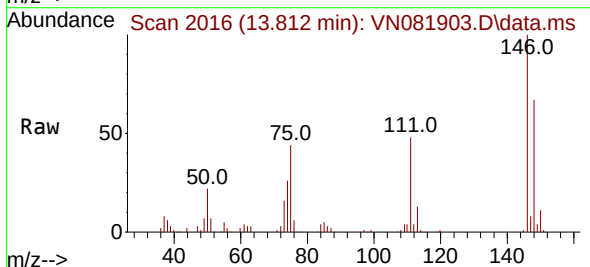
Tgt Ion:146 Resp: 107639
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.4 67.0
 148 67.0 32.1 96.5

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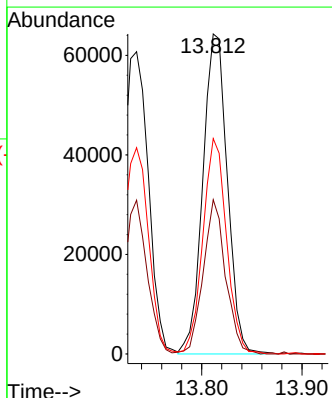
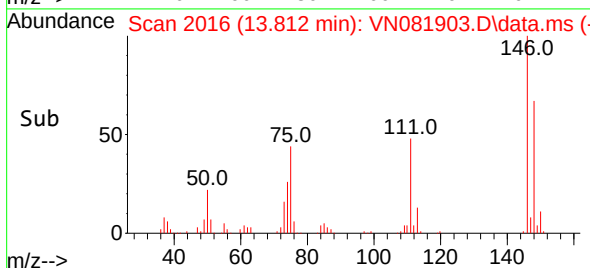
Reviewed By :John Carlone 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024

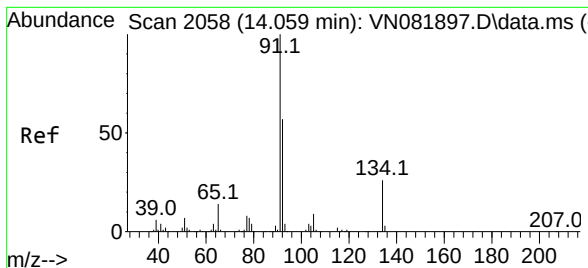


#84
 1,4-Dichlorobenzene
 Concen: 18.788 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081903.D
 Acq: 29 Apr 2024 10:07



Tgt Ion:146 Resp: 109245
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.3 63.9
 148 63.4 31.9 95.5





#85

n-Butylbenzene

Concen: 19.726 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

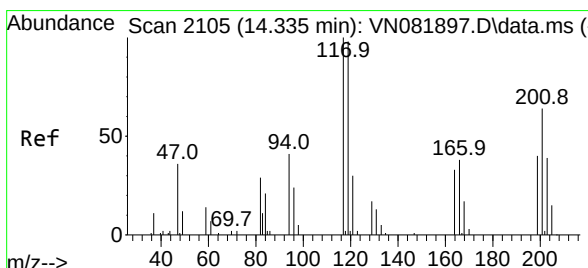
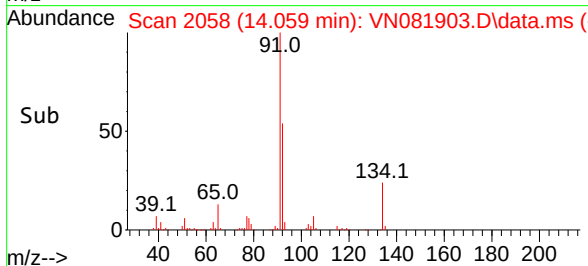
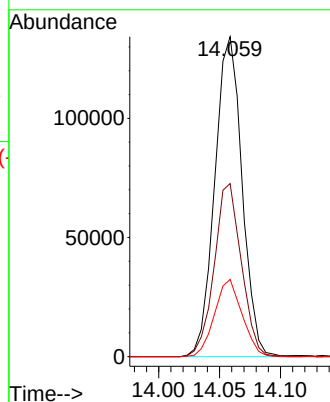
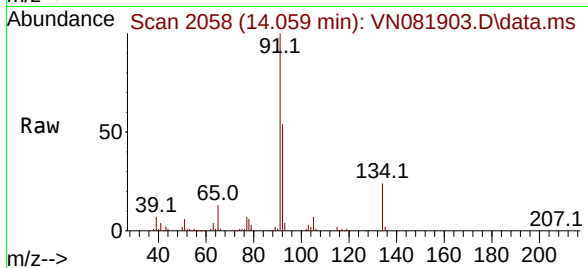
Tgt Ion:	91	Resp:	208914
Ion	Ratio	Lower	Upper
91	100		
92	53.9	0.0	105.0
134	24.5	0.0	51.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#86

Hexachloroethane

Concen: 19.455 ug/l

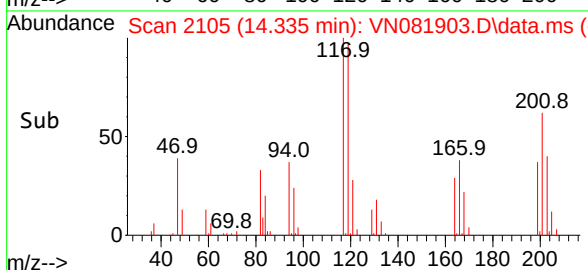
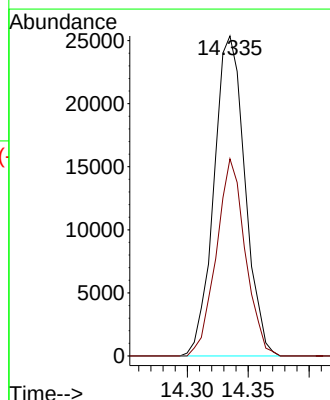
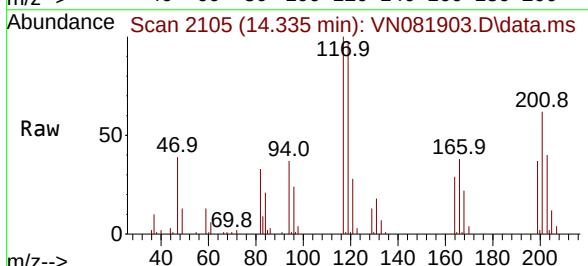
RT: 14.335 min Scan# 2105

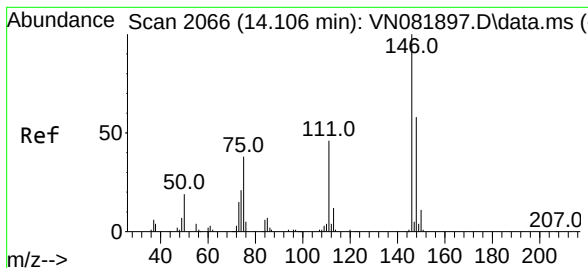
Delta R.T. -0.000 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

Tgt Ion:	117	Resp:	44976
Ion	Ratio	Lower	Upper
117	100		
201	57.6	38.0	114.0





#87

1,2-Dichlorobenzene

Concen: 18.727 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

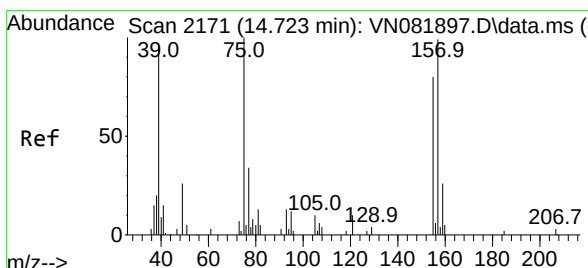
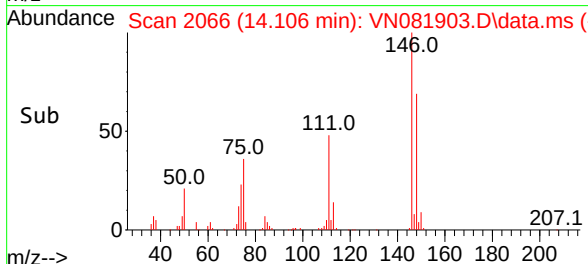
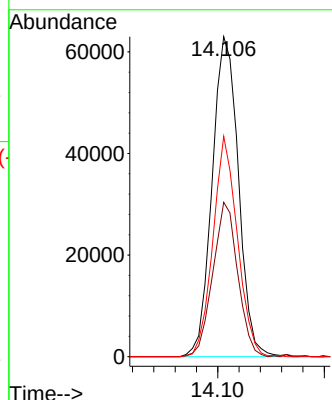
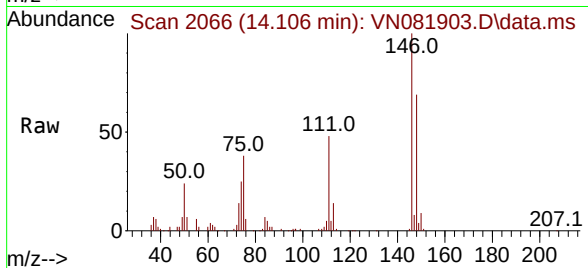
Tgt Ion:	146	Resp:	107904
Ion Ratio	Lower	Upper	
146	100		
111	45.8	22.6	67.8
148	64.0	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.118 ug/l

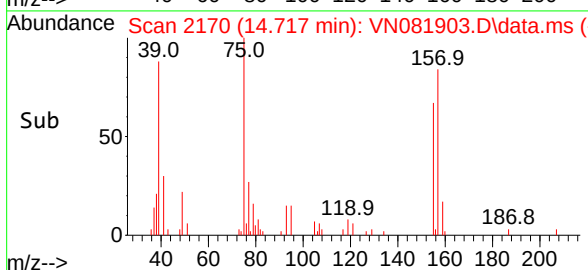
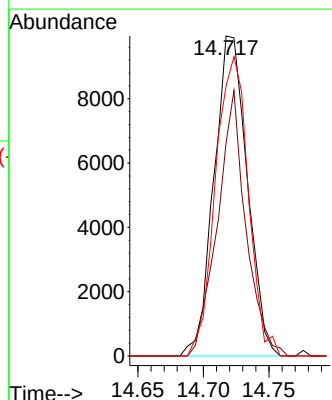
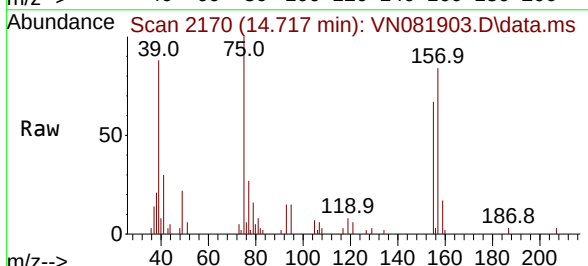
RT: 14.717 min Scan# 2170

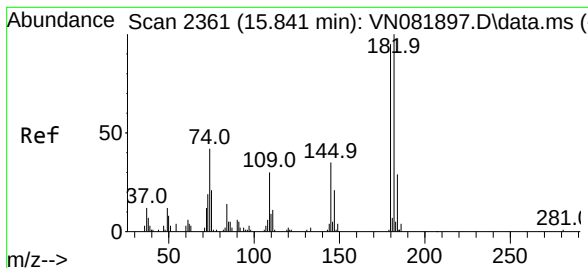
Delta R.T. -0.006 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

Tgt Ion:	75	Resp:	17560
Ion Ratio	Lower	Upper	
75	100		
155	70.7	61.7	92.5
157	92.3	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 19.314 ug/l

RT: 15.847 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

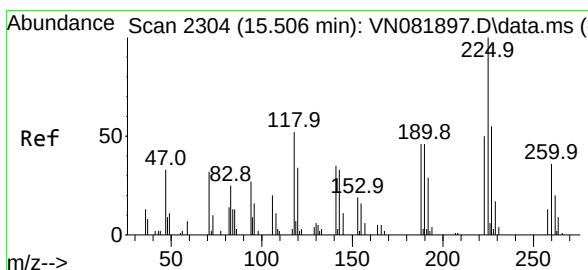
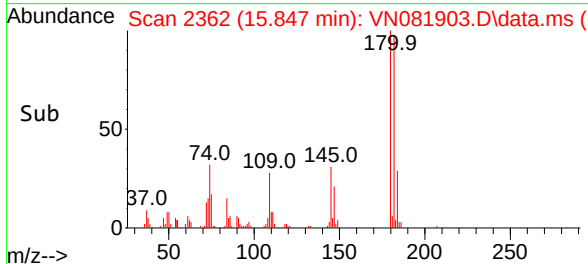
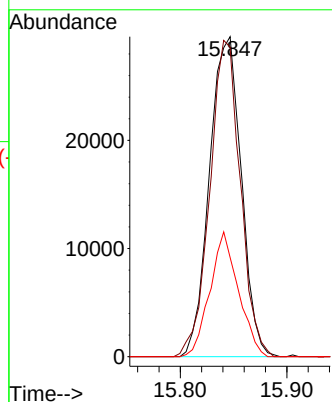
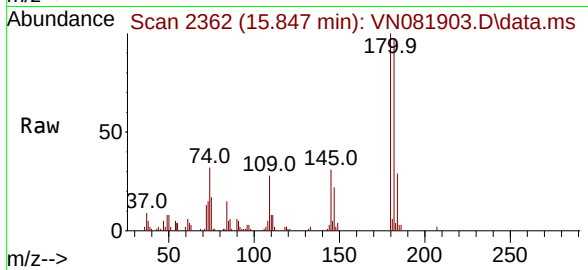
Tgt Ion:180	Resp: 6127
Ion Ratio	Lower Upper
180 100	
182 94.8	76.4 114.6
145 34.9	28.4 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#90

Hexachlorobutadiene

Concen: 18.807 ug/l

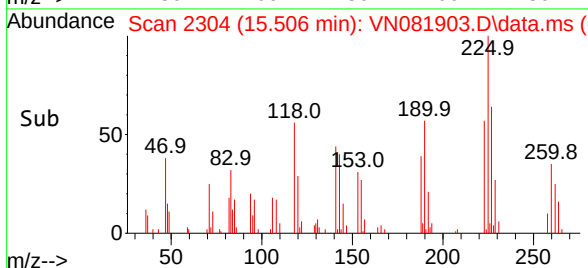
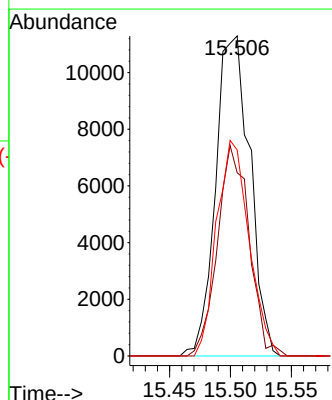
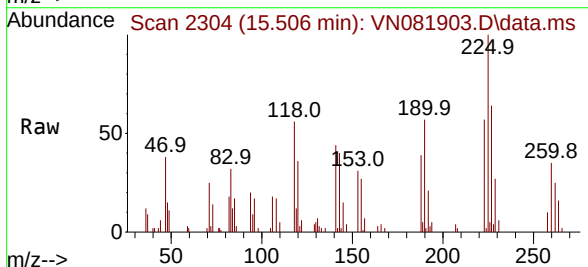
RT: 15.506 min Scan# 2304

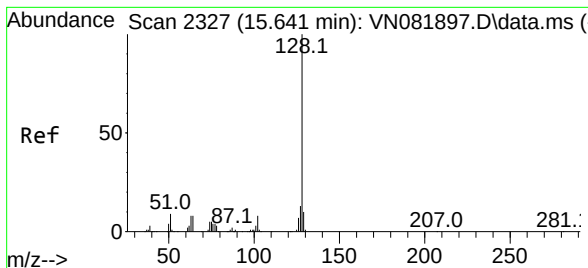
Delta R.T. -0.000 min

Lab File: VN081903.D

Acq: 29 Apr 2024 10:07

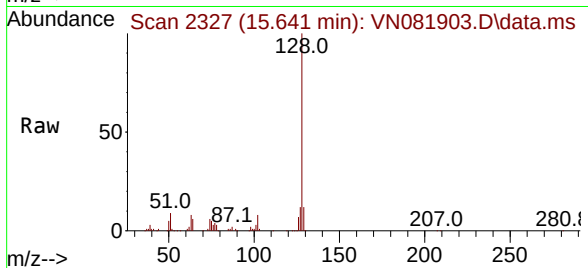
Tgt Ion:225	Resp: 22099
Ion Ratio	Lower Upper
225 100	
223 59.7	0.0 126.6
227 63.7	0.0 126.6





#91
Naphthalene
Concen: 18.129 ug/l
RT: 15.641 min Scan# 21864
Delta R.T. -0.000 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07

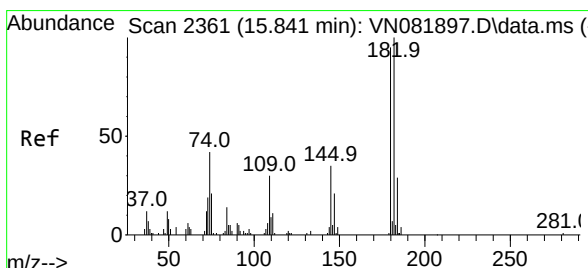
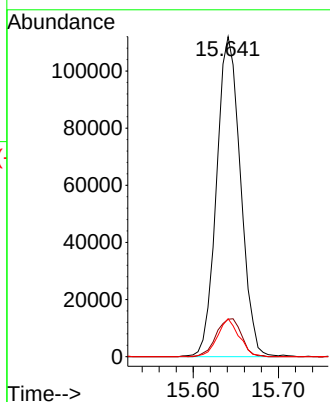
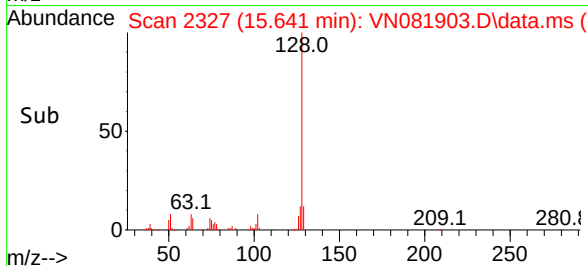
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



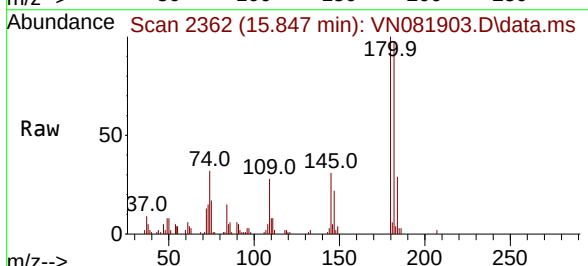
Tgt Ion:128 Resp: 21864
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.314 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081903.D
Acq: 29 Apr 2024 10:07



Tgt Ion:180 Resp: 61275
Ion Ratio Lower Upper
180 100
182 94.8 0.0 191.0
145 34.9 0.0 71.0

