

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041724\
 Data File : VN081768.D
 Acq On : 17 Apr 2024 12:06
 Operator : JC\MD
 Sample : VN0417WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2024
 Supervised By : Mahesh Dadoda 04/18/2024

Quant Time: Apr 18 01:09:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	17031m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	108733	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	142105	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	62045	29.655	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.833%		
60) 4-Bromofluorobenzene	12.853	95	85289	30.527	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.767%		
63) Toluene-d8	10.565	98	180641	31.690	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	105.633%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38281	16.086	ug/l	95
3) Chloromethane	2.359	50	56167	27.204	ug/l	99
4) Vinyl Chloride	2.518	62	56288	26.513	ug/l	99
5) Bromomethane	2.959	94	33084	18.400	ug/l	96
6) Chloroethane	3.130	64	31754	19.110	ug/l	89
7) Trichlorofluoromethane	3.494	101	69353	19.897	ug/l	88
8) Diethyl Ether	3.959	74	20097	15.459	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.377	101	41340	17.287	ug/l	95
10) 1,1-Dichloroethene	4.341	96	35304	16.097	ug/l	86
11) Methyl Iodide	4.589	142	32400	13.045	ug/l	96
12) Methyl Acetate	5.024	43	35269	17.513	ug/l #	78
13) Acrolein	4.183	56	24297	91.609	ug/l #	57
14) Acrylonitrile	5.724	53	90240	90.022	ug/l	94
15) Acetone	4.424	58	20668	93.744	ug/l	85
16) Carbon Disulfide	4.712	76	102777	16.481	ug/l	99
17) Allyl chloride	5.018	41	45267	17.062	ug/l	79
18) Methylene Chloride	5.283	84	46289	18.330	ug/l	96
19) trans-1,2-Dichloroethene	5.788	96	40667	16.909	ug/l	91
20) Diisopropyl ether	6.671	45	119745	18.958	ug/l #	96
21) 1,1-Dichloroethane	6.565	63	77517	18.407	ug/l	99
22) cis-1,2-Dichloroethene	7.488	96	48283	16.625	ug/l	97
23) tert-Butyl Alcohol	5.506	59	30643	86.112	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	117986	17.201	ug/l	93
25) Chloroform	7.965	83	88864	18.546	ug/l	94
26) Cyclohexane	8.259	56	59869	17.734	ug/l #	86
29) 1,1-Dichloropropene	8.377	75	58673	20.525	ug/l	97
30) 2-Butanone	7.482	43	110393	101.118	ug/l	98
31) 2,2-Dichloropropane	7.488	77	73642	20.682	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	77276	19.614	ug/l	97
33) Carbon Tetrachloride	8.359	117	70810	19.828	ug/l	97
34) Benzene	8.606	78	181796	19.742	ug/l	97
35) Methacrylonitrile	7.771	41	24308	19.657	ug/l	82
36) 1,2-Dichloroethane	8.671	62	67261	22.269	ug/l	98
37) Trichloroethene	9.353	130	45773	18.784	ug/l	93
38) Methylcyclohexane	9.600	83	61909	17.719	ug/l	98
39) 1,2-Dichloropropane	9.623	63	44222	20.584	ug/l	100
40) Dibromomethane	9.712	93	34404	20.104	ug/l	96
41) Bromodichloromethane	9.888	83	70298	20.144	ug/l	97
42) Vinyl Acetate	6.600	43	446778	98.238	ug/l	100

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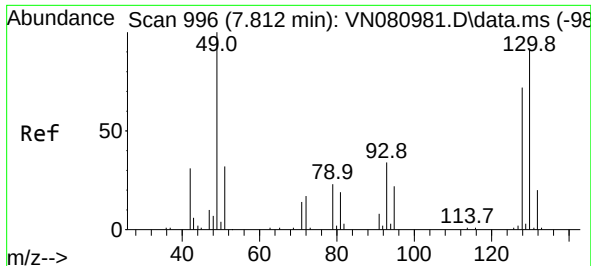
Manual Integrations
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Reviewed By : John Carlone 04/18/2024
 Supervised By : Mahesh Dadoda 04/18/2024

Quant Time: Apr 18 01:09:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	47672	19.813	ug/l #	81
44) Isopropyl Acetate	8.688	43	83659	20.751	ug/l	93
45) 1,4-Dioxane	9.694	88	18357	412.487	ug/l	91
46) Methyl methacrylate	9.682	41	38411	21.187	ug/l	87
47) n-amyl Acetate	12.494	43	71415	19.741	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	68312	20.547	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	70796	19.774	ug/l #	90
50) 1,1,2-Trichloroethane	11.018	97	45910	20.036	ug/l	96
51) Ethyl methacrylate	10.876	69	60784	19.051	ug/l	92
52) 1,3-Dichloropropane	11.165	76	75181	20.017	ug/l	97
53) Dibromochloromethane	11.359	129	53524	19.554	ug/l	100
54) 1,2-Dibromoethane	11.470	107	45533	19.224	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	171398	109.394	ug/l	99
56) Bromoform	12.576	173	34112	19.490	ug/l #	95
58) 4-Methyl-2-Pentanone	10.447	43	269387	110.233	ug/l	90
59) 2-Hexanone	11.194	43	203473m	110.866	ug/l	
61) Tetrachloroethene	11.106	164	51309	19.486	ug/l	96
62) Toluene	10.635	91	207934	20.113	ug/l	99
64) Chlorobenzene	11.894	112	129040	19.684	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	44853	18.835	ug/l	92
66) Ethyl Benzene	11.965	91	209132	19.026	ug/l	96
67) m/p-Xylenes	12.076	106	173087	39.753	ug/l	94
68) o-Xylene	12.400	106	75639	18.299	ug/l	97
69) Styrene	12.412	104	137672	19.557	ug/l	98
70) Isopropylbenzene	12.694	105	208987	19.598	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	57754	20.734	ug/l	96
72) 1,2,3-Trichloropropane	12.988	75	58072m	22.519	ug/l	
73) Bromobenzene	12.982	156	49597	18.770	ug/l	97
74) n-propylbenzene	13.041	91	254887	19.969	ug/l	100
75) 2-Chlorotoluene	13.123	91	154466	20.312	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	179324	19.813	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	21231	19.880	ug/l	93
78) 4-Chlorotoluene	13.223	91	151704	20.113	ug/l	96
79) tert-butylbenzene	13.441	119	149501	19.416	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	180631	20.012	ug/l	99
81) sec-Butylbenzene	13.617	105	223222	20.102	ug/l	98
82) p-Isopropyltoluene	13.729	119	176573	18.959	ug/l	96
83) 1,3-Dichlorobenzene	13.735	146	99904	20.231	ug/l	97
84) 1,4-Dichlorobenzene	13.811	146	97809	20.462	ug/l	95
85) n-Butylbenzene	14.059	91	151363	19.295	ug/l	98
86) Hexachloroethane	14.335	117	37680	21.178	ug/l	81
87) 1,2-Dichlorobenzene	14.106	146	96852	20.605	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12776	21.039	ug/l	94
89) 1,2,4-Trichlorobenzene	15.841	180	50055m	19.429	ug/l	
90) Hexachlorobutadiene	15.500	225	21313	20.643	ug/l	99
91) Naphthalene	15.647	128	143497	17.324	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	50116	19.452	ug/l	92

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



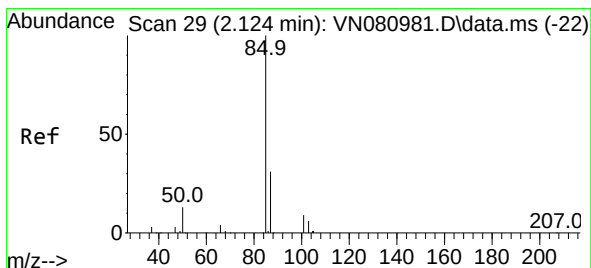
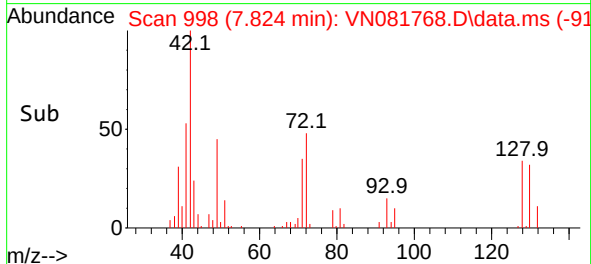
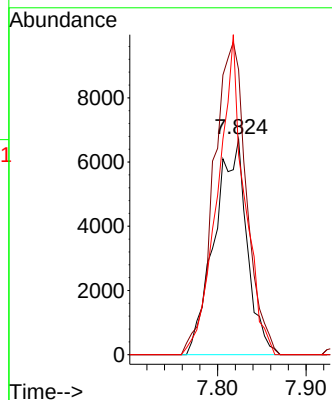
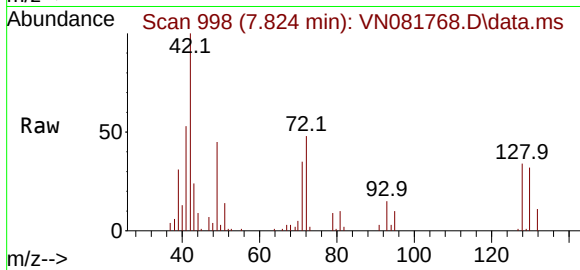
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Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.824 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion:128 Resp: 1703
Ion Ratio Lower Upper
128 100
49 146.6 0.0 403.7
130 123.0 0.0 323.3

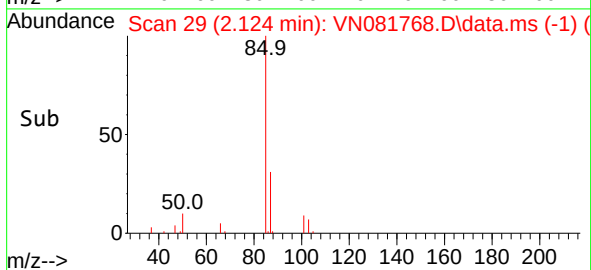
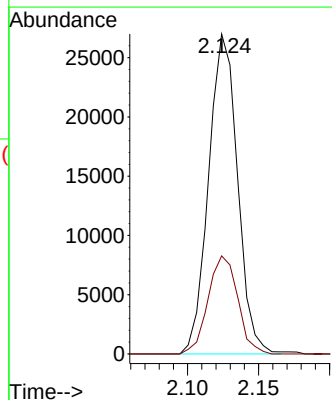
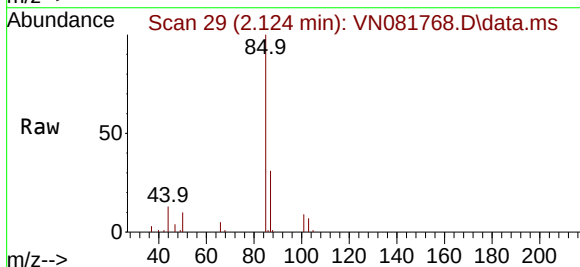
Manual Integrations
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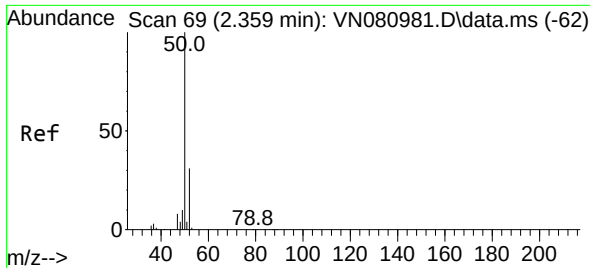
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#2
Dichlorodifluoromethane
Concen: 16.086 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 85 Resp: 38281
Ion Ratio Lower Upper
85 100
87 30.7 16.8 50.3





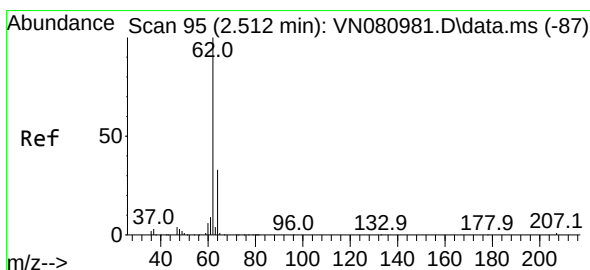
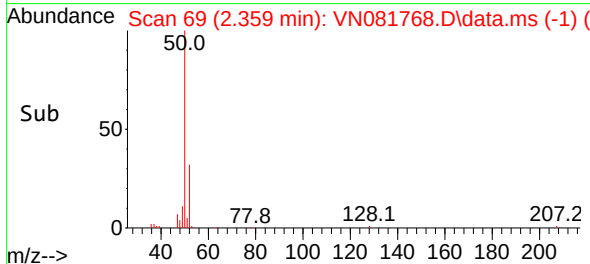
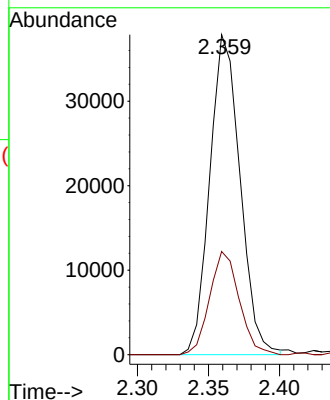
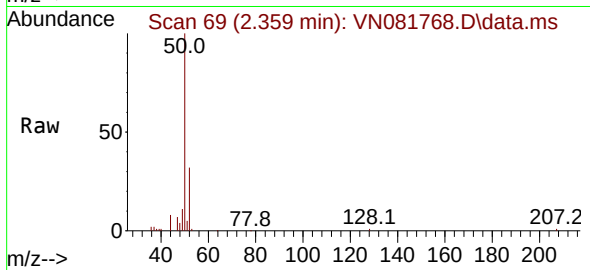
#3
Chloromethane
Concen: 27.204 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion: 50 Resp: 5616
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

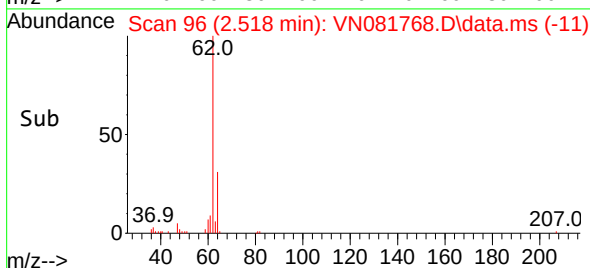
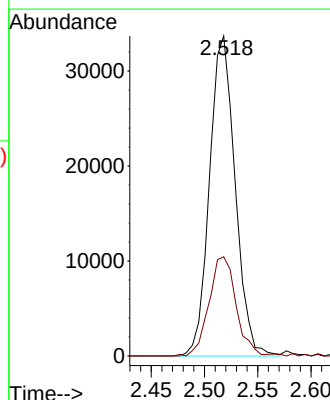
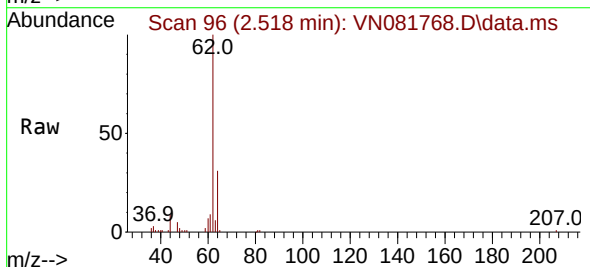
Manual Integrations
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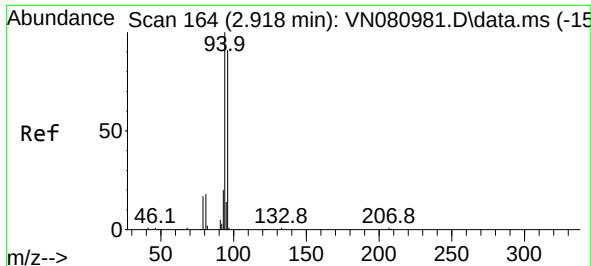
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#4
Vinyl Chloride
Concen: 26.513 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

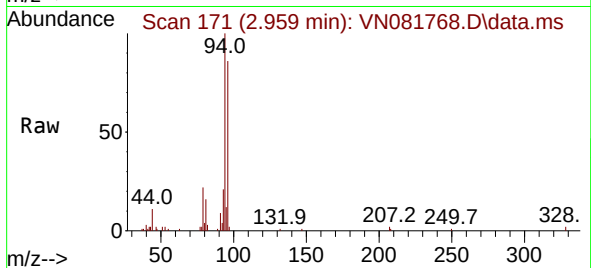
Tgt Ion: 62 Resp: 56288
Ion Ratio Lower Upper
62 100
64 30.5 24.1 36.1





#5
Bromomethane
Concen: 18.400 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

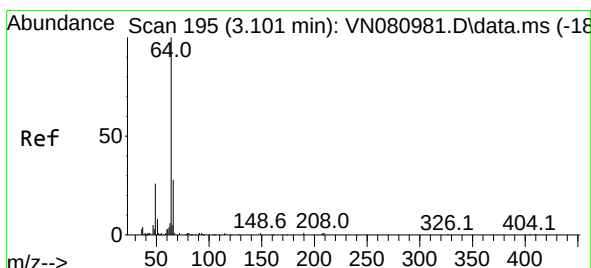
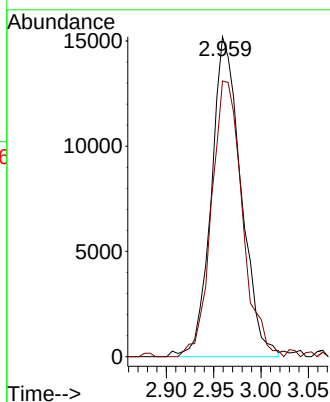
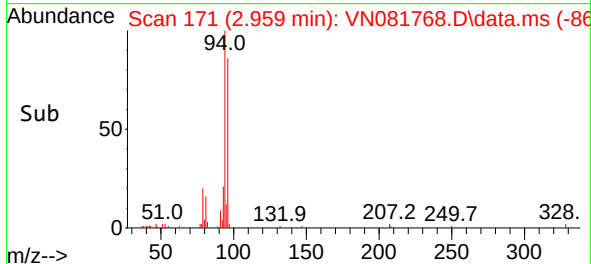
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



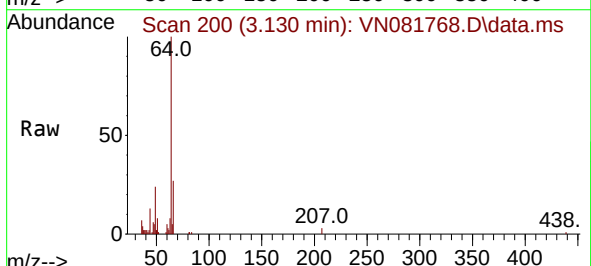
Tgt Ion: 94 Resp: 33084
Ion Ratio Lower Upper
94 100
96 87.0 72.8 109.2

Manual Integrations
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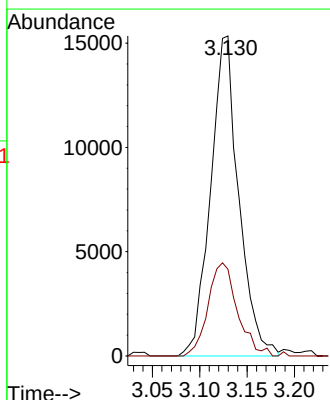
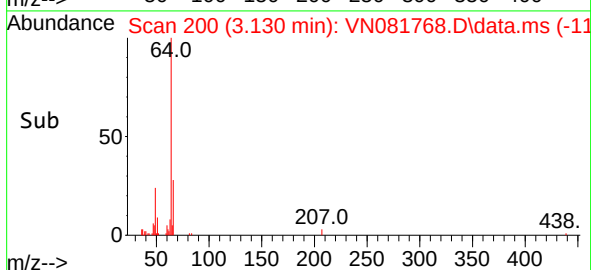
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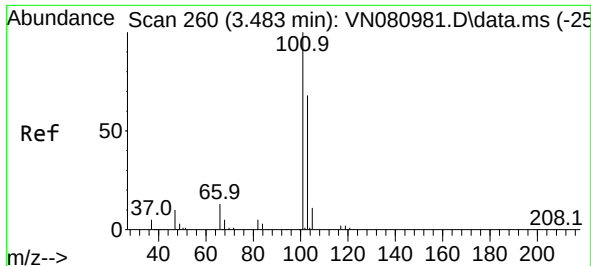


#6
Chloroethane
Concen: 19.110 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



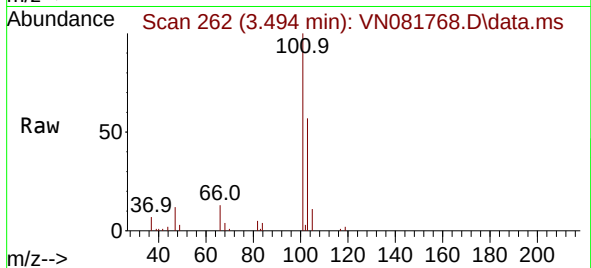
Tgt Ion: 64 Resp: 31754
Ion Ratio Lower Upper
64 100
66 27.1 26.7 40.1





#7
Trichlorofluoromethane
Concen: 19.897 ug/l
RT: 3.494 min Scan# 260
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

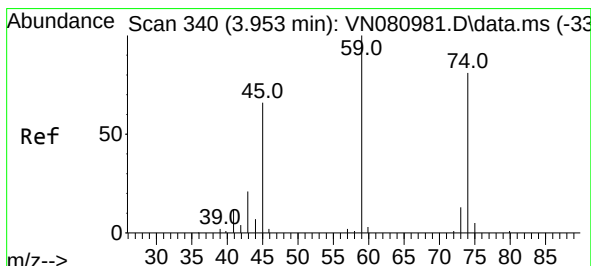
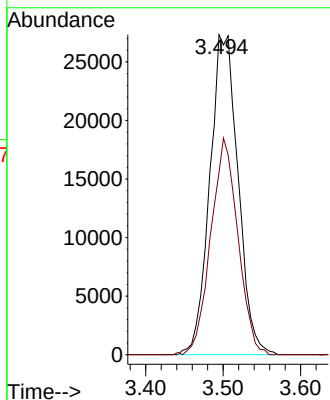
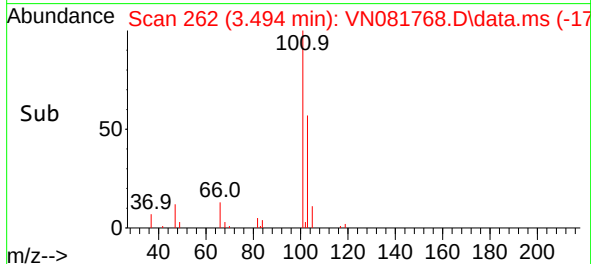
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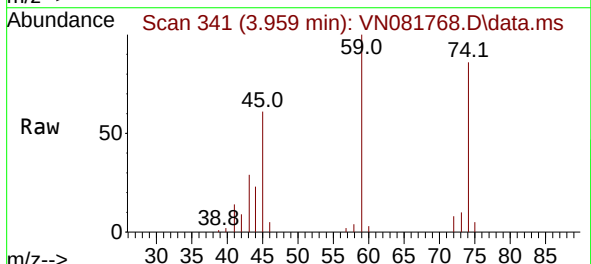
Tgt Ion:101 Resp: 6935
Ion Ratio Lower Upper
101 100
103 56.9 53.0 79.4

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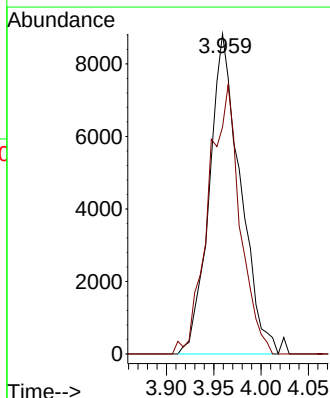
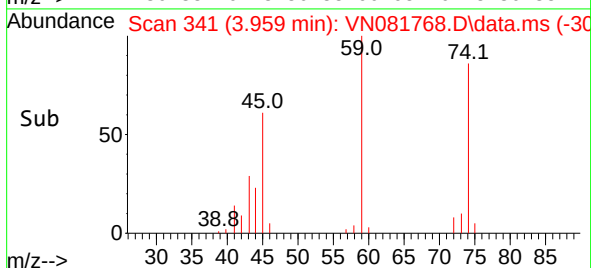
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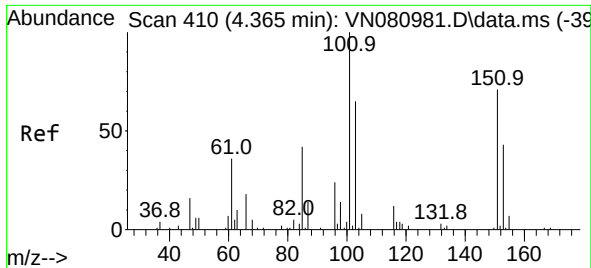


#8
Diethyl Ether
Concen: 15.459 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



Tgt Ion: 74 Resp: 20097
Ion Ratio Lower Upper
74 100
45 51.9 16.4 147.4





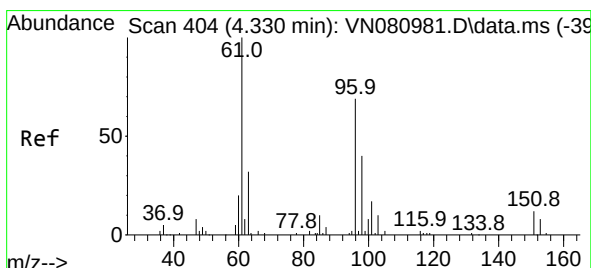
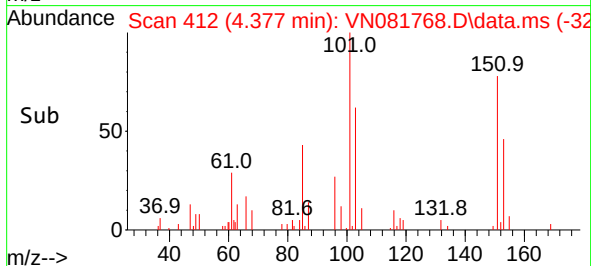
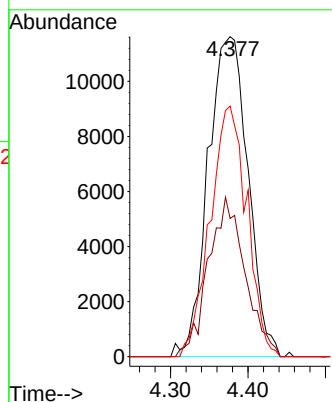
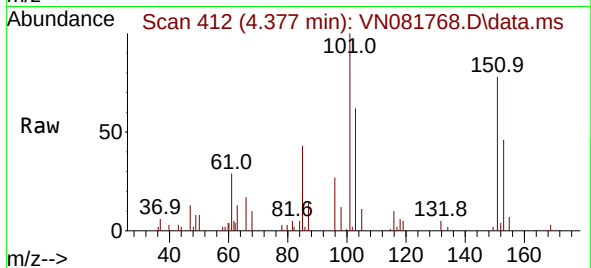
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1,1,2-Trichlorotrifluoroethane
Concen: 17.287 ug/l
RT: 4.377 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion:101 Resp: 41340
Ion Ratio Lower Upper
101 100
85 46.1 0.0 90.6
151 72.7 0.0 157.6

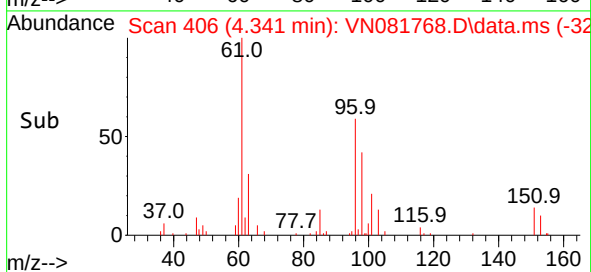
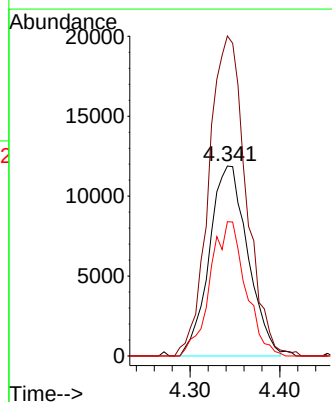
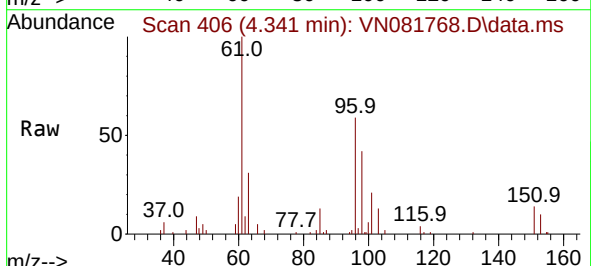
Manual Integrations
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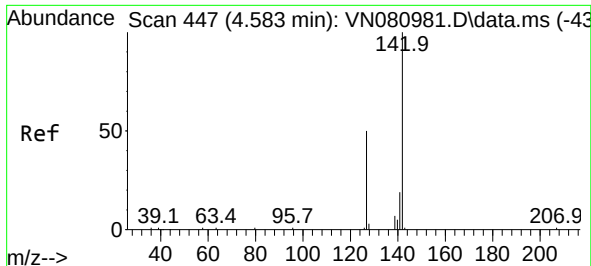
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#10
1,1-Dichloroethene
Concen: 16.097 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

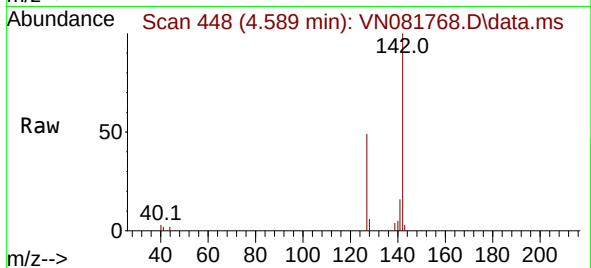
Tgt Ion: 96 Resp: 35304
Ion Ratio Lower Upper
96 100
61 165.3 117.6 176.4
98 70.6 48.4 72.6





#11
Methyl Iodide
Concen: 13.045 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

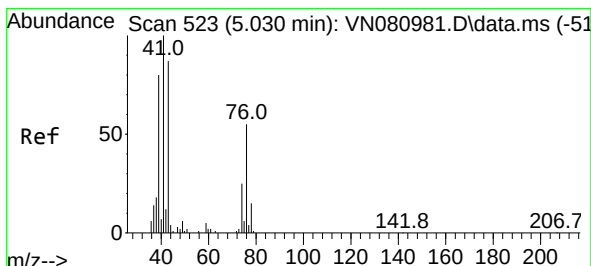
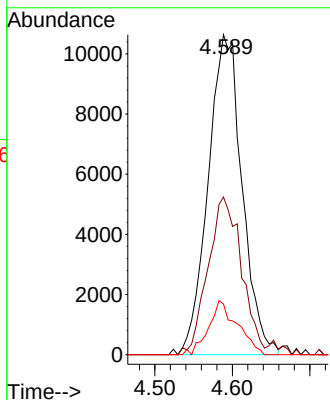
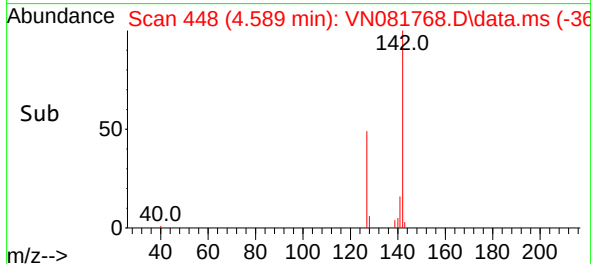
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion:142 Resp: 32400
Ion Ratio Lower Upper
142 100
127 48.9 26.3 78.9
141 16.0 8.3 24.9

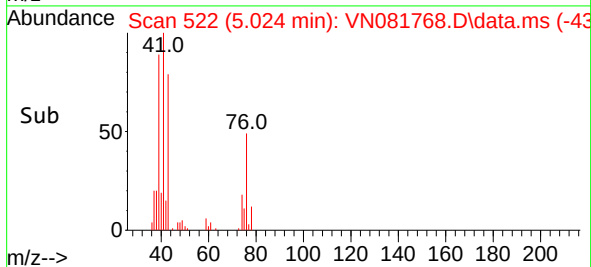
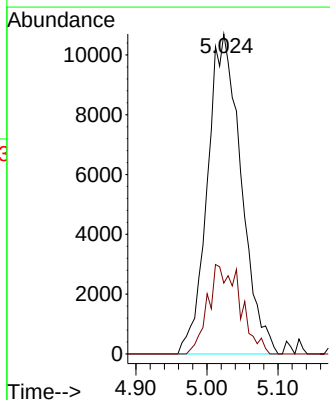
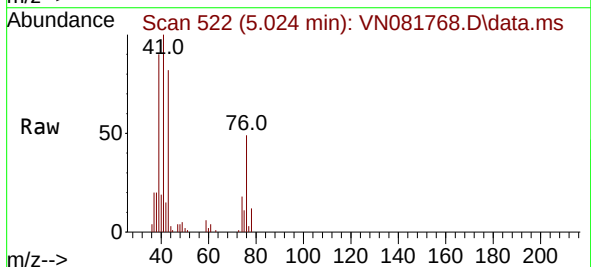
Manual Integrations
APPROVED

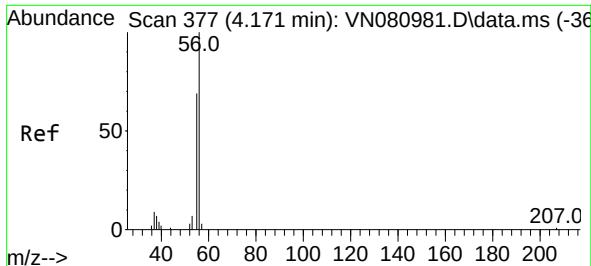
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#12
Methyl Acetate
Concen: 17.513 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 43 Resp: 35269
Ion Ratio Lower Upper
43 100
74 22.1 27.7 41.5#





#13

Acrolein

Concen: 91.609 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

Tgt Ion: 56 Resp: 2429

Ion Ratio Lower Upper

56 100

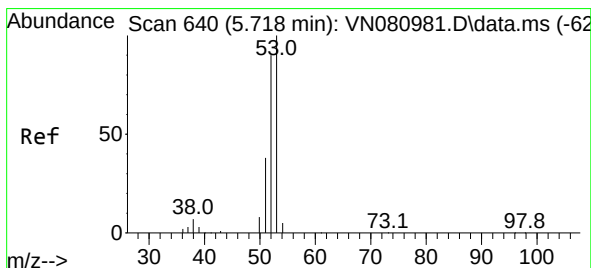
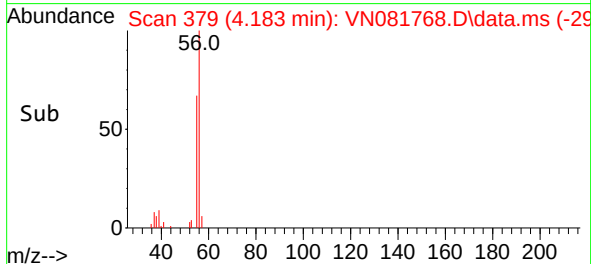
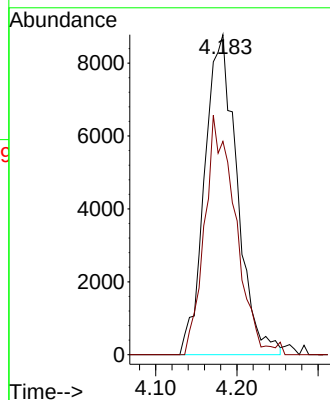
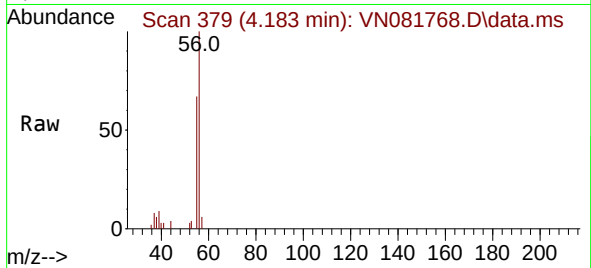
55 34.2 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2024

Supervised By :Mahesh Dadoda 04/18/2024



#14

Acrylonitrile

Concen: 90.022 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

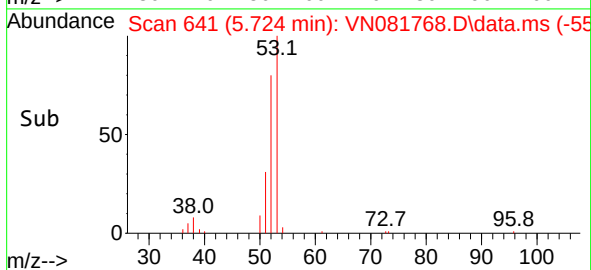
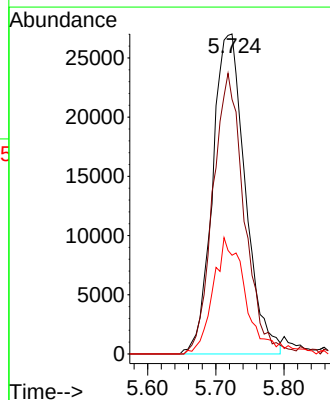
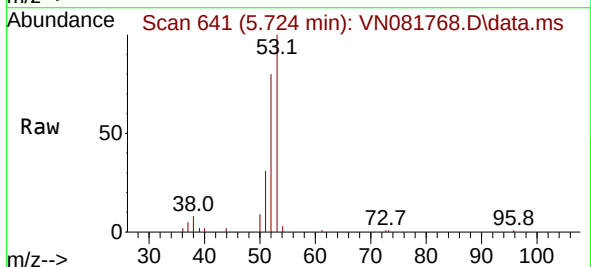
Tgt Ion: 53 Resp: 90240

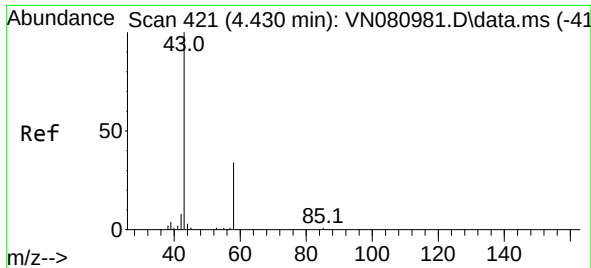
Ion Ratio Lower Upper

53 100

52 82.6 41.3 123.9

51 21.1 16.8 50.3





#15

Acetone

Concen: 93.744 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

Tgt Ion: 58 Resp: 2066

Ion Ratio Lower Upper

58 100

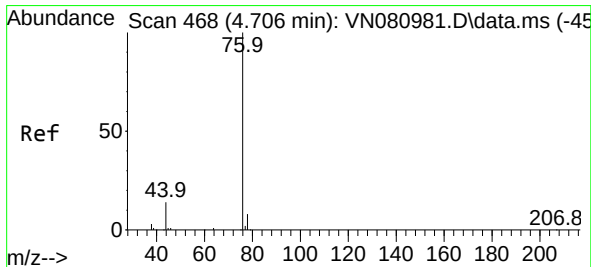
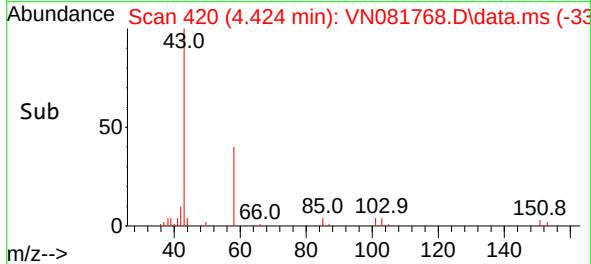
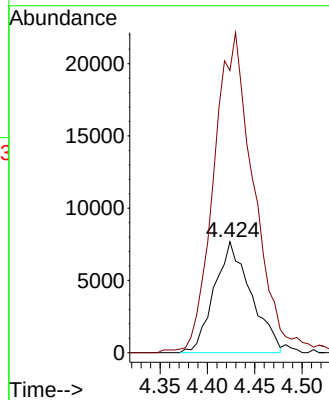
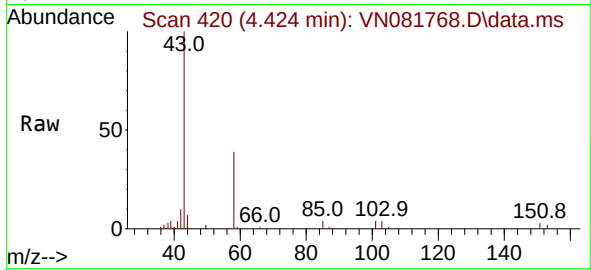
43 251.6 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2024

Supervised By :Mahesh Dadoda 04/18/2024



#16

Carbon Disulfide

Concen: 16.481 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN081768.D

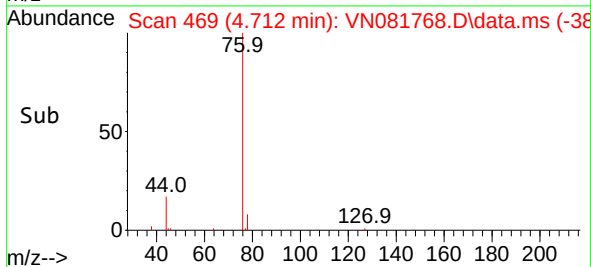
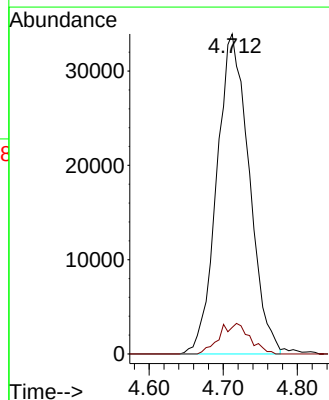
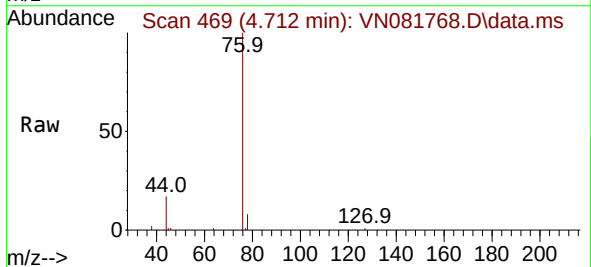
Acq: 17 Apr 2024 12:06

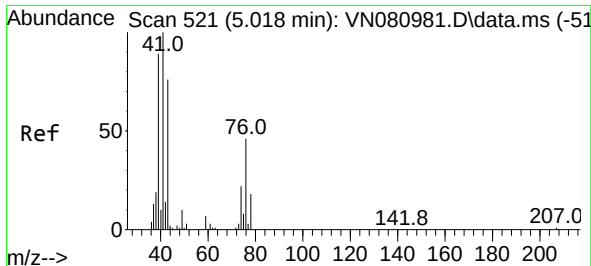
Tgt Ion: 76 Resp: 102777

Ion Ratio Lower Upper

76 100

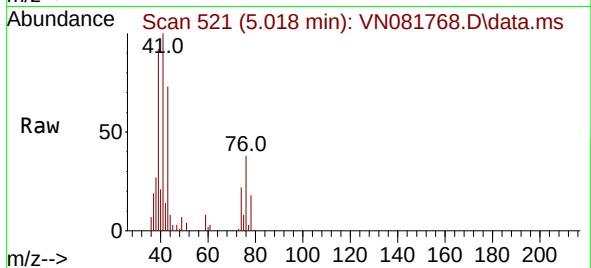
78 8.3 6.3 9.5





#17
 Allyl chloride
 Concen: 17.062 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

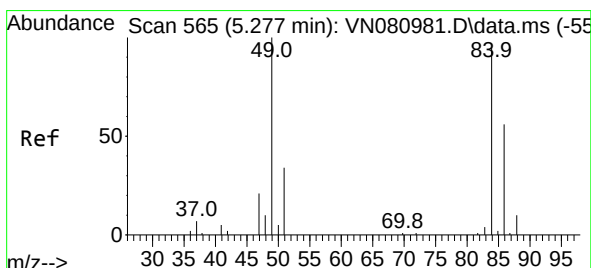
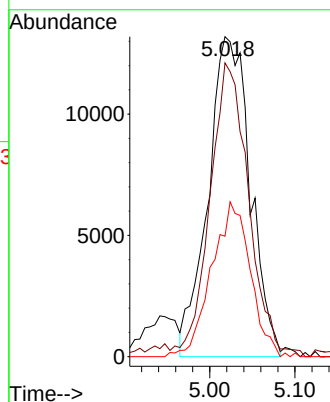
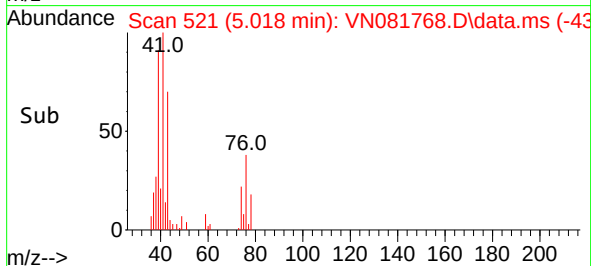
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01



Tgt Ion:	41	Resp:	4526
Ion Ratio	Lower	Upper	
41	100		
39	90.9	37.6	112.9
76	38.2	27.8	83.4

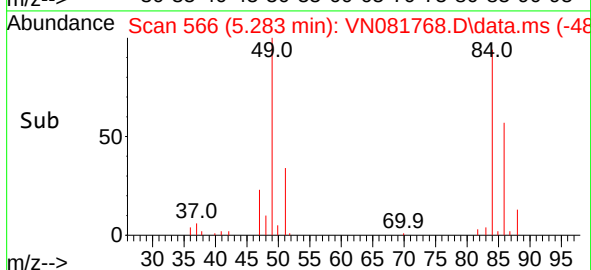
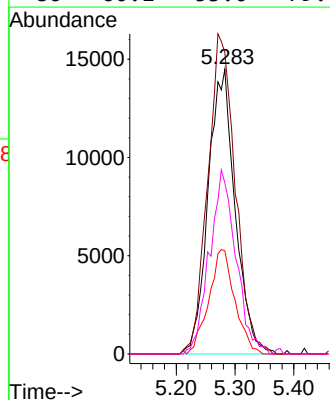
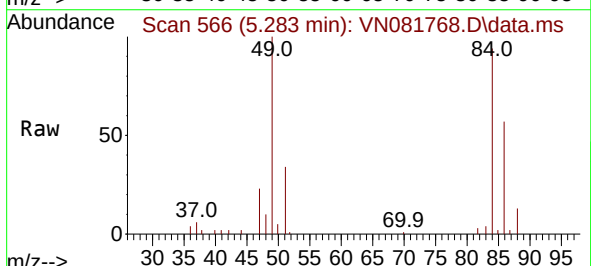
Manual Integrations
 APPROVED

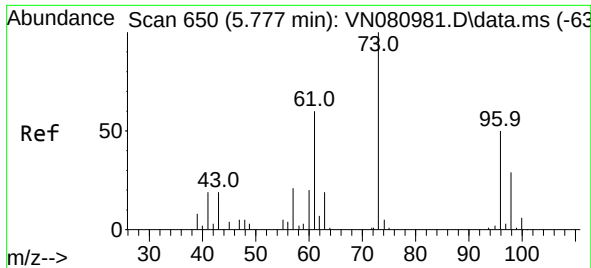
Reviewed By :John Carlone 04/18/2024
 Supervised By :Mahesh Dadoda 04/18/2024



#18
 Methylene Chloride
 Concen: 18.330 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

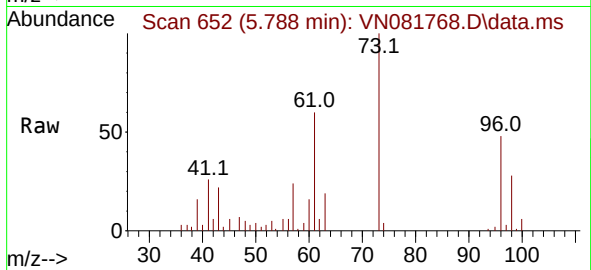
Tgt Ion:	84	Resp:	46289
Ion Ratio	Lower	Upper	
84	100		
49	105.9	86.0	129.0
51	36.3	30.0	45.0
86	60.1	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 16.909 ug/l
RT: 5.788 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

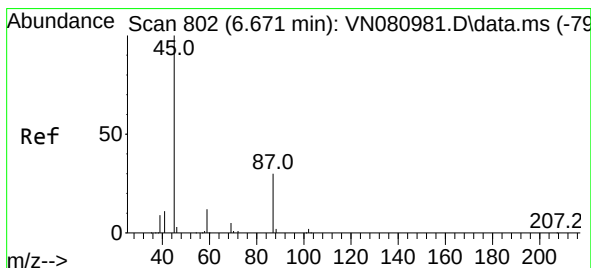
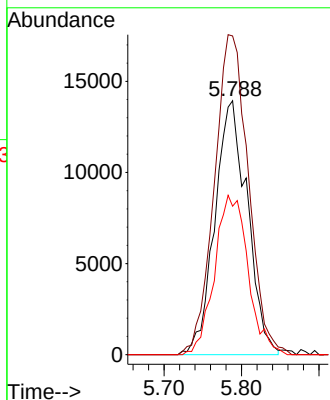
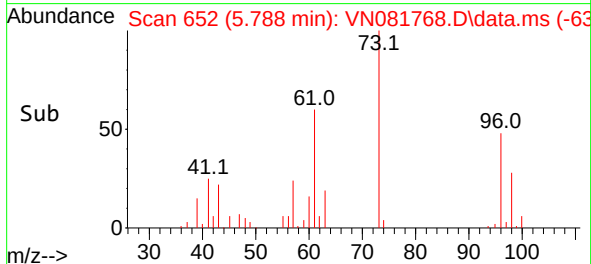
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 96 Resp: 4066
Ion Ratio Lower Upper
96 100
61 125.5 111.8 167.6
98 58.5 49.2 73.8

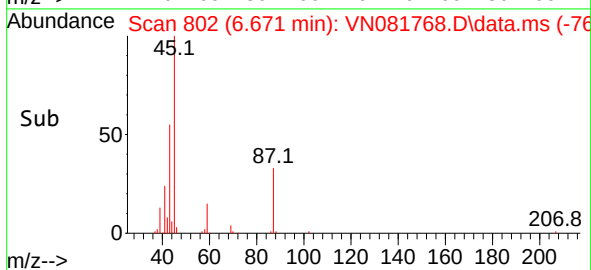
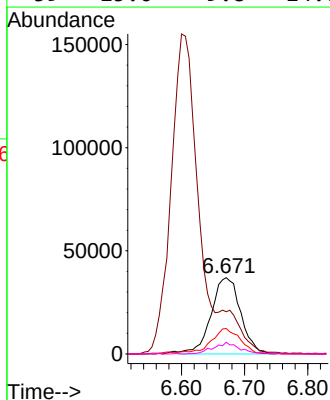
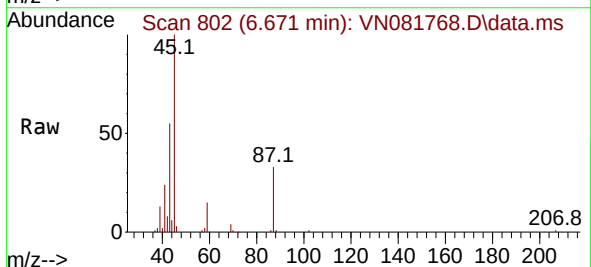
Manual Integrations
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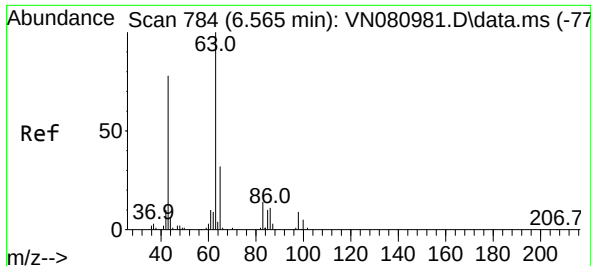
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#20
Diisopropyl ether
Concen: 18.958 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 45 Resp: 119745
Ion Ratio Lower Upper
45 100
43 52.3 40.4 60.6
87 32.9 23.8 35.8
59 15.0 9.8 14.6





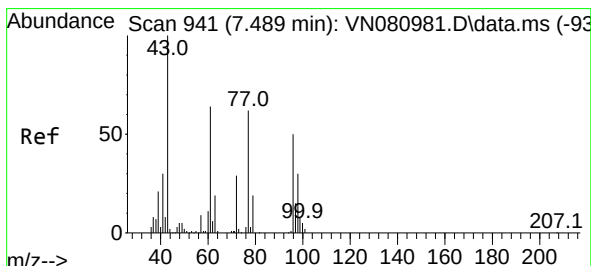
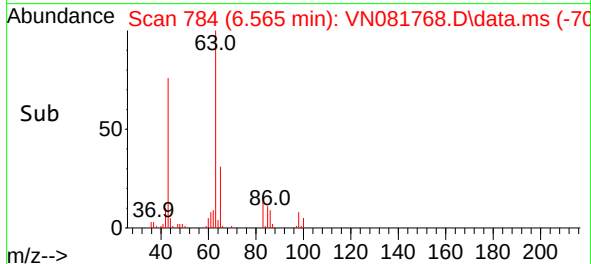
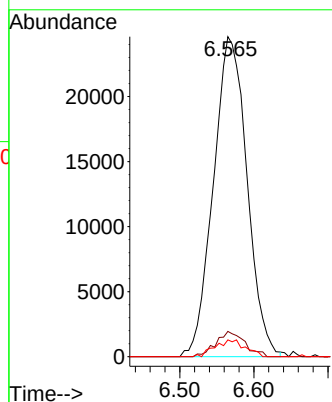
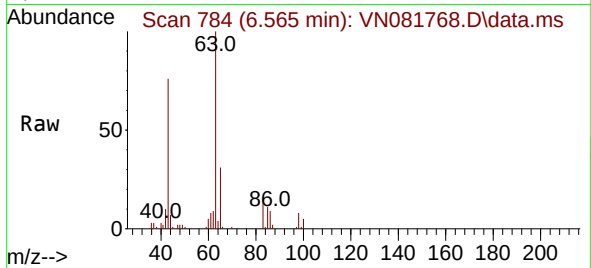
#21
1,1-Dichloroethane
Concen: 18.407 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion: 63 Resp: 7751
Ion Ratio Lower Upper
63 100
98 7.9 4.1 12.3
100 5.2 3.0 9.0

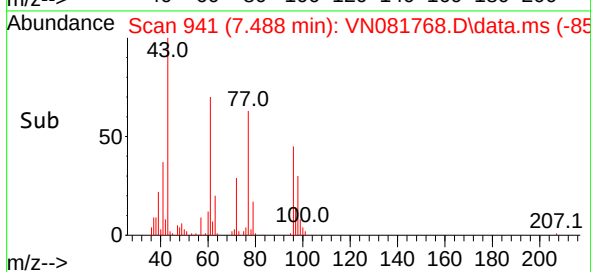
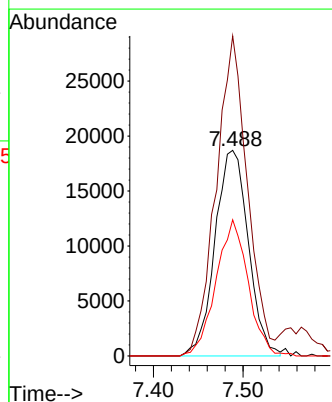
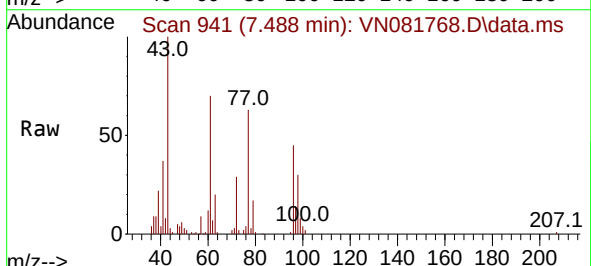
Manual Integrations
APPROVED

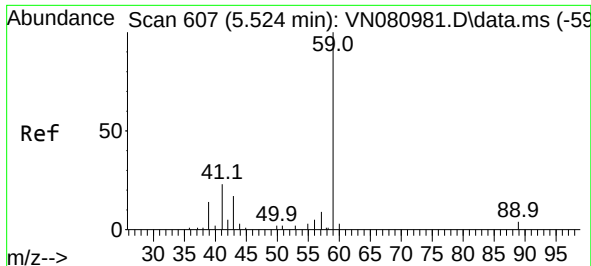
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#22
cis-1,2-Dichloroethene
Concen: 16.625 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

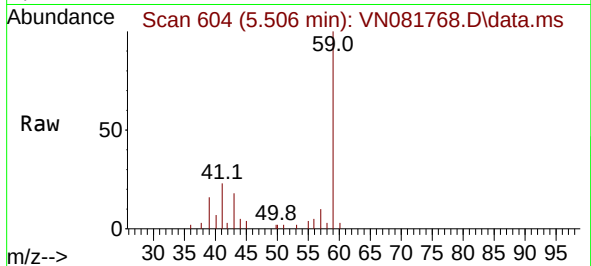
Tgt Ion: 96 Resp: 48283
Ion Ratio Lower Upper
96 100
61 146.8 113.5 170.3
98 63.4 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 86.112 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

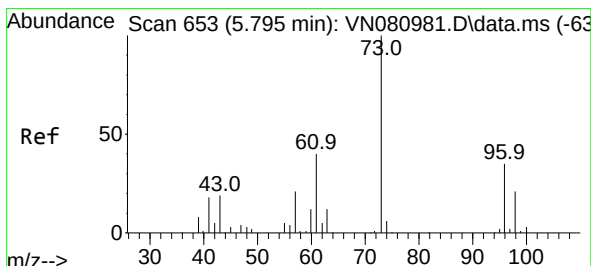
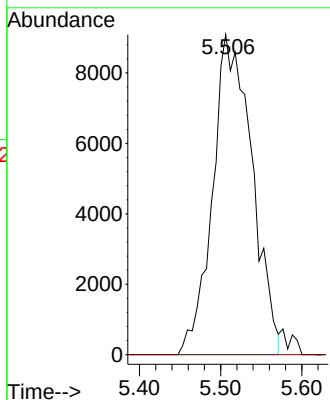
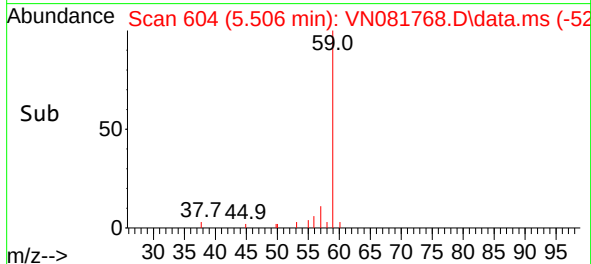
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 59 Resp: 3064
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

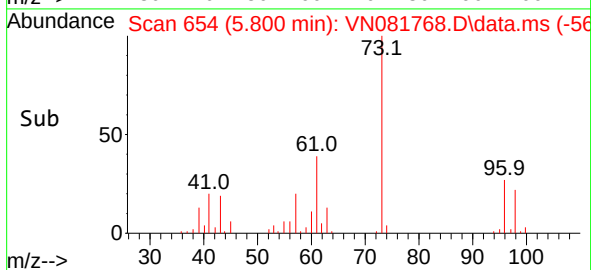
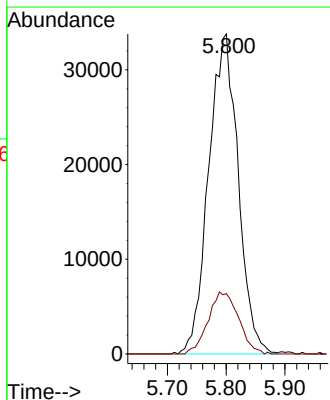
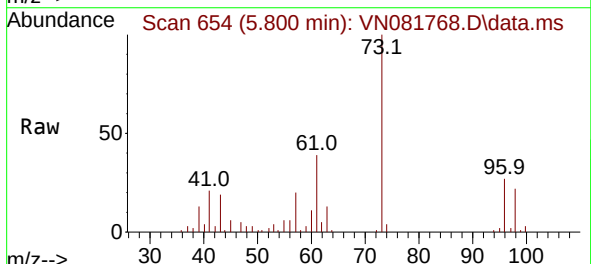
Manual Integrations
APPROVED

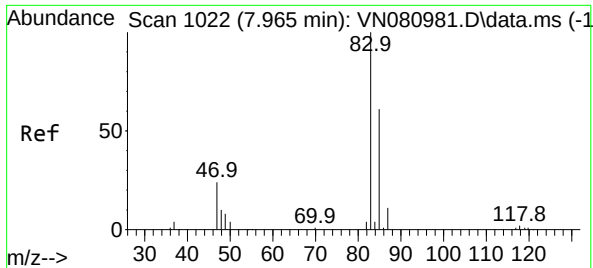
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#24
Methyl tert-Butyl Ether
Concen: 17.201 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 73 Resp: 117986
Ion Ratio Lower Upper
73 100
43 19.9 13.4 20.2





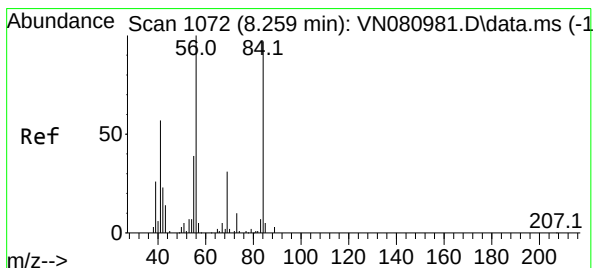
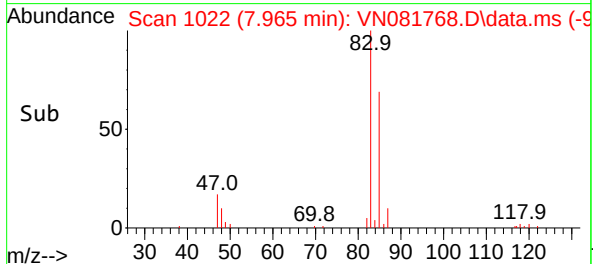
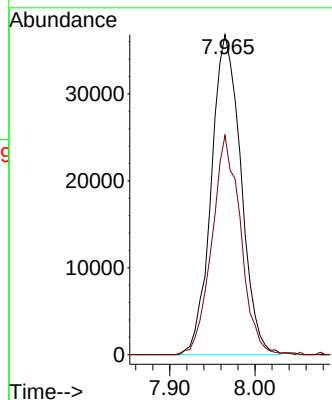
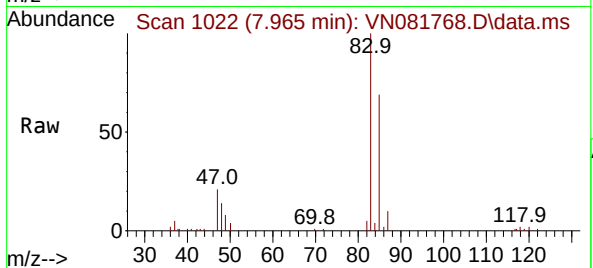
#25
Chloroform
Concen: 18.546 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion: 83 Resp: 88864
Ion Ratio Lower Upper
83 100
85 68.1 50.9 76.3

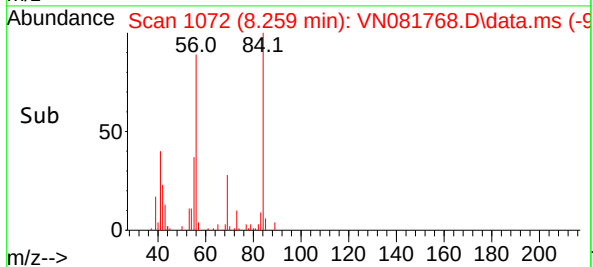
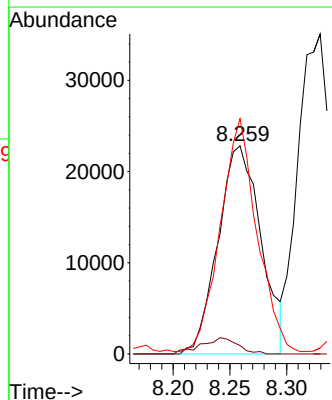
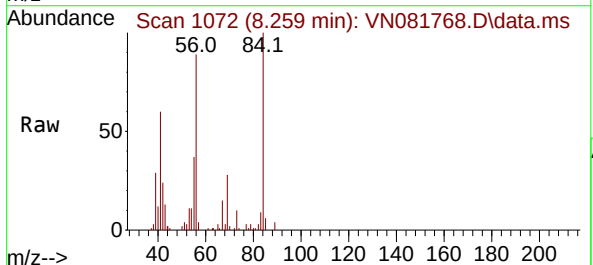
Manual Integrations
APPROVED

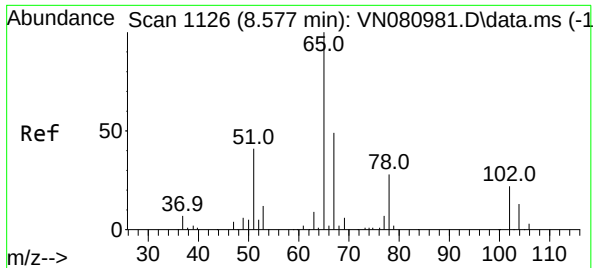
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#26
Cyclohexane
Concen: 17.734 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

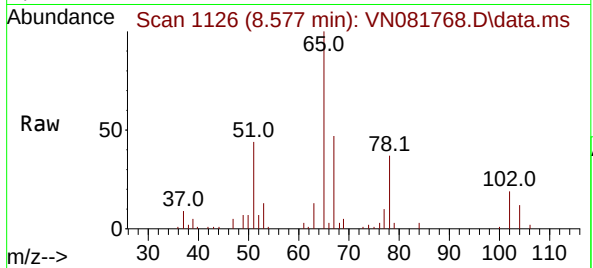
Tgt Ion: 56 Resp: 59869
Ion Ratio Lower Upper
56 100
89 3.8 19.3 28.9#
84 95.1 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 29.655 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

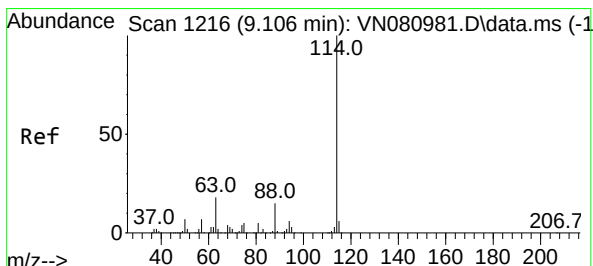
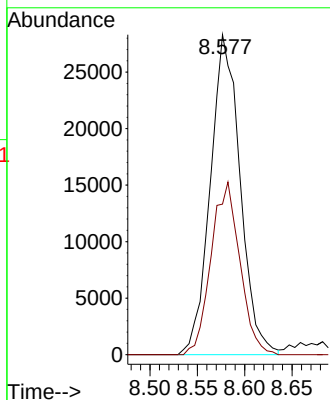
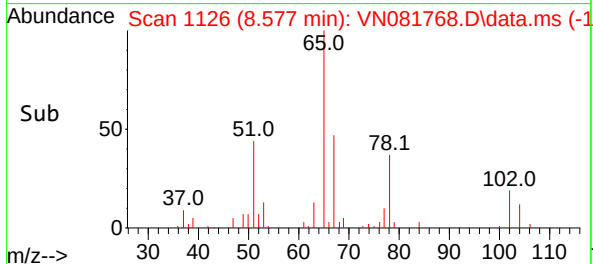
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



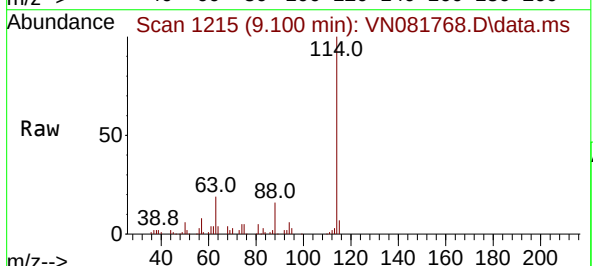
Tgt Ion: 65 Resp: 62045
Ion Ratio Lower Upper
65 100
67 52.1 43.2 64.8

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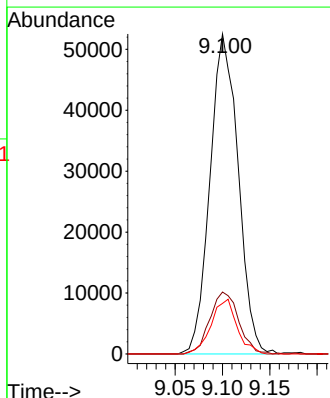
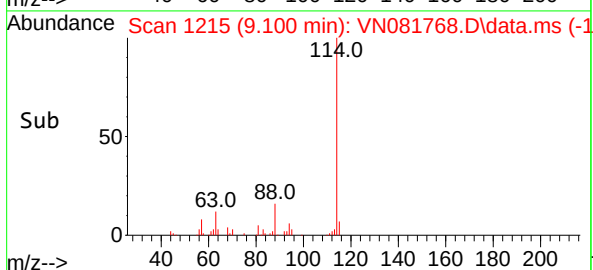
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

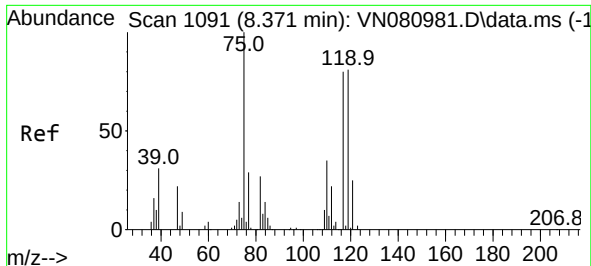


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



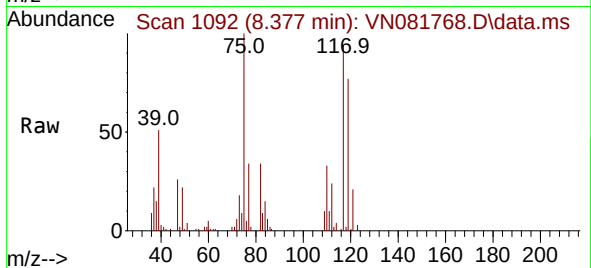
Tgt Ion:114 Resp: 108733
Ion Ratio Lower Upper
114 100
63 19.8 15.9 23.9
88 15.8 12.7 19.1





#29
1,1-Dichloropropene
Concen: 20.525 ug/l
RT: 8.377 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

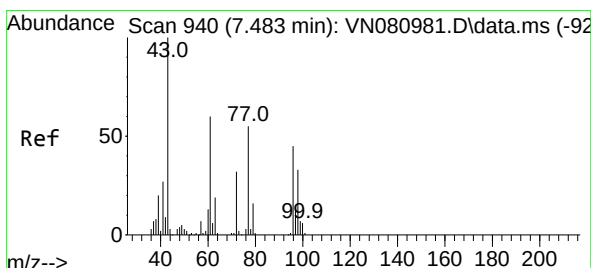
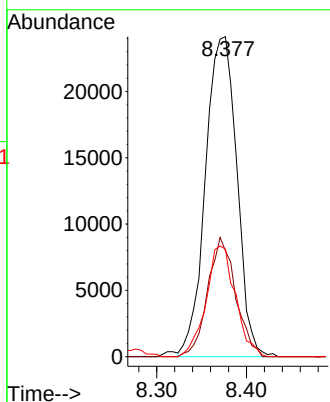
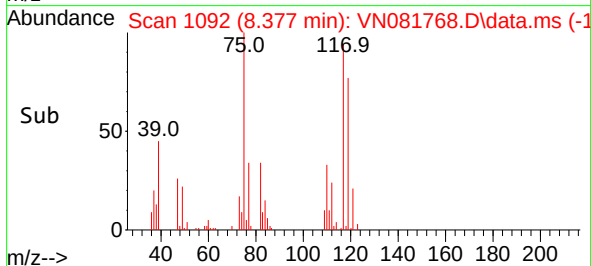
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 75	Resp: 5867
Ion Ratio	Lower Upper
75 100	
110 33.2	0.0 70.2
77 32.4	0.0 61.4

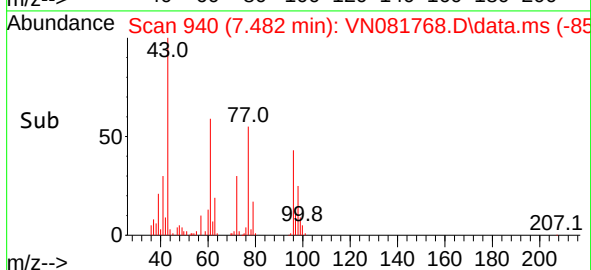
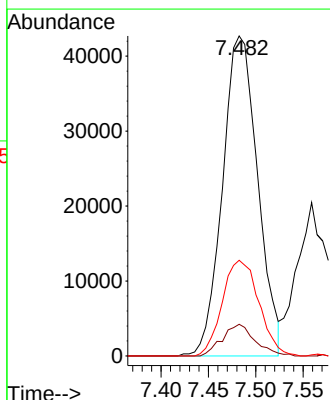
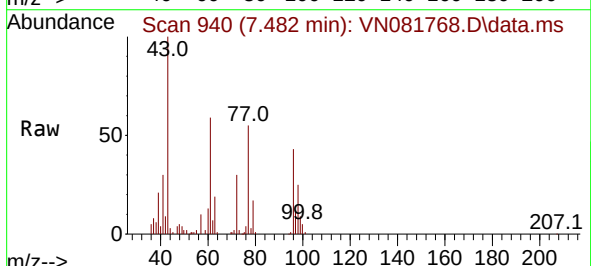
Manual Integrations
APPROVED

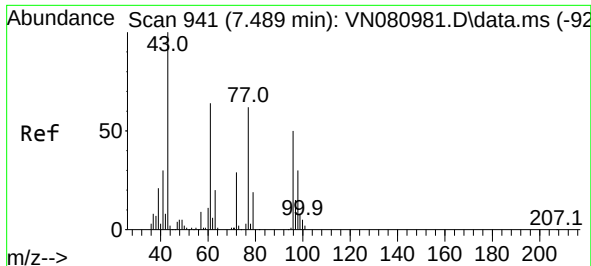
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#30
2-Butanone
Concen: 101.118 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion: 43	Resp: 110393
Ion Ratio	Lower Upper
43 100	
57 9.3	6.7 10.1
72 31.0	24.0 36.0





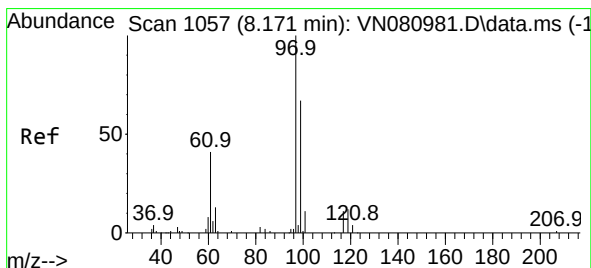
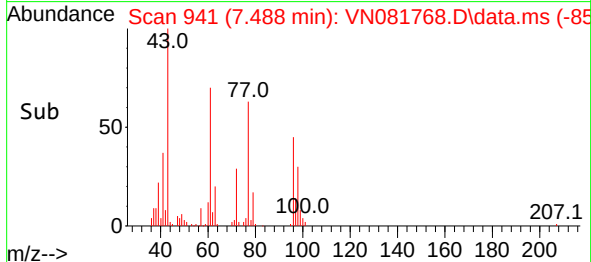
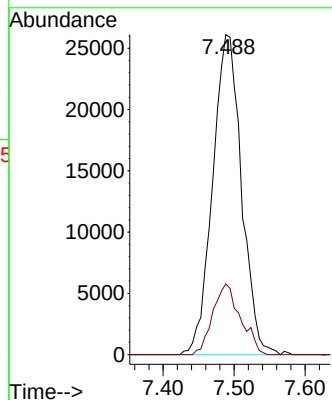
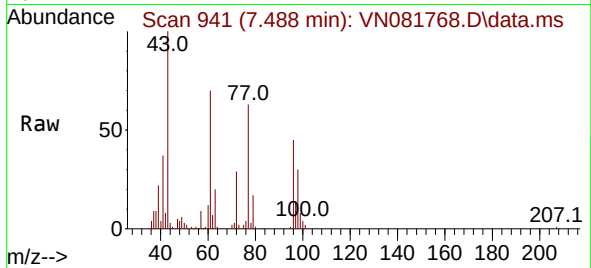
#31
2,2-Dichloropropane
Concen: 20.682 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion: 77 Resp: 7364
Ion Ratio Lower Upper
77 100
97 19.4 18.3 27.5

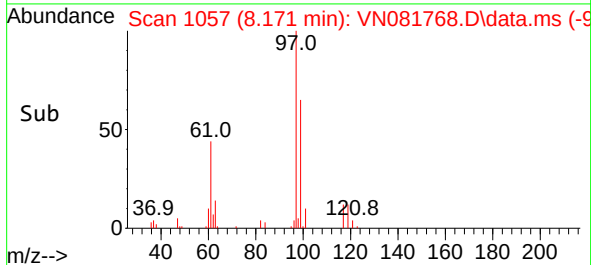
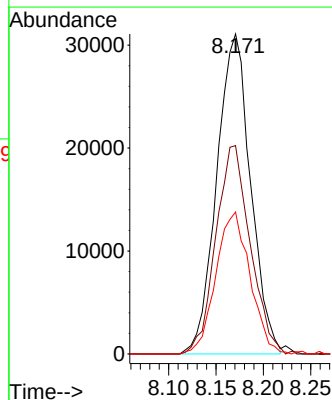
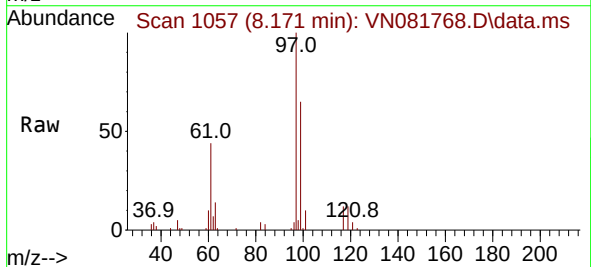
Manual Integrations
APPROVED

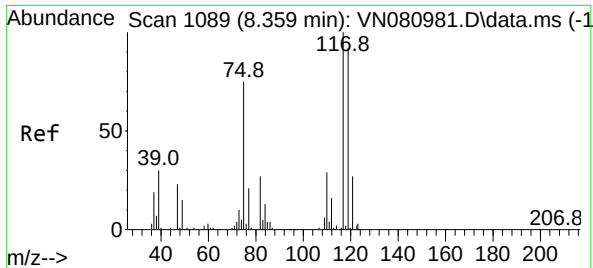
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#32
1,1,1-Trichloroethane
Concen: 19.614 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

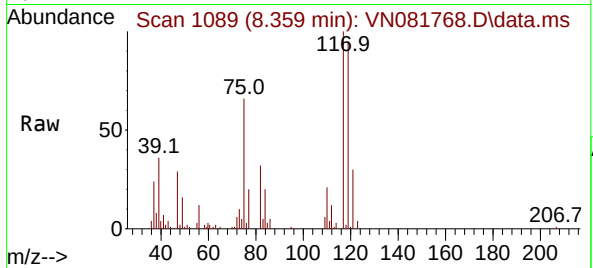
Tgt Ion: 97 Resp: 77276
Ion Ratio Lower Upper
97 100
99 65.9 51.0 76.4
61 44.8 33.8 50.8





#33
Carbon Tetrachloride
Concen: 19.828 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

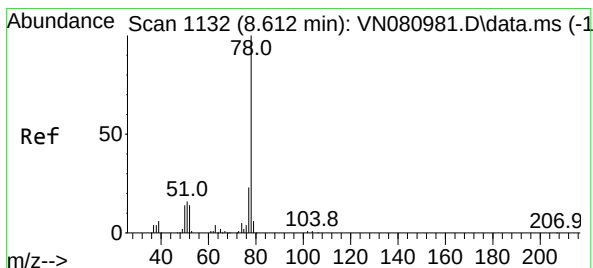
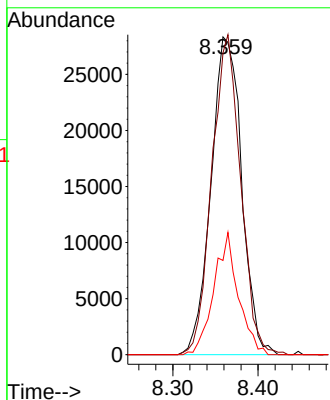
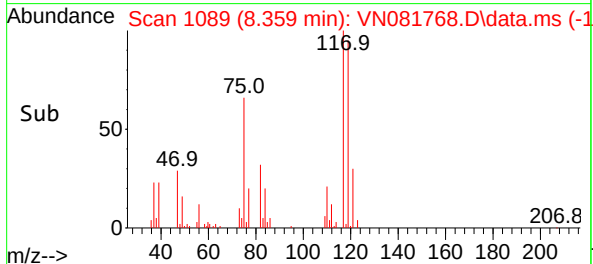
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 117 Resp: 70810
Ion Ratio Lower Upper
117 100
119 95.0 77.7 116.5
121 29.6 27.0 40.6

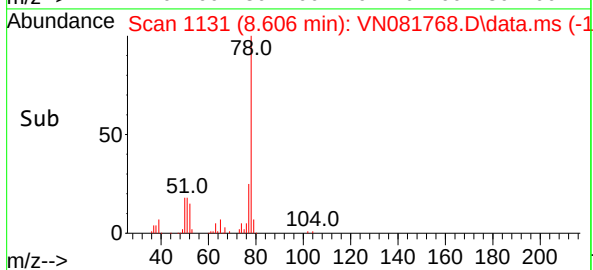
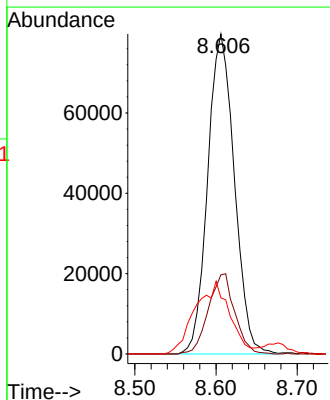
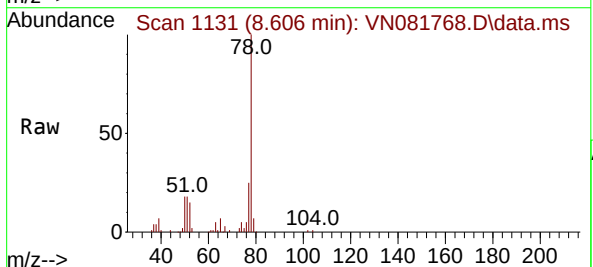
Manual Integrations
APPROVED

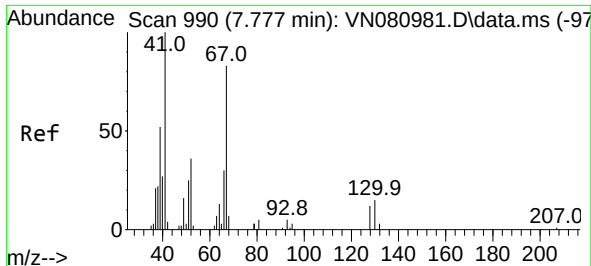
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#34
Benzene
Concen: 19.742 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

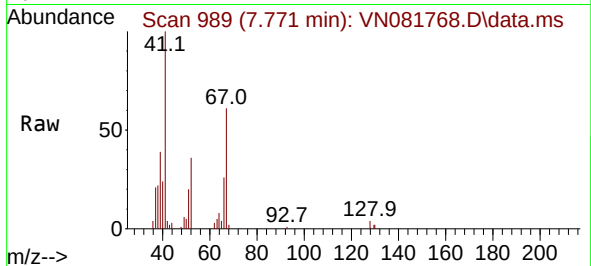
Tgt Ion: 78 Resp: 181796
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8
51 14.6 13.3 19.9





#35
Methacrylonitrile
Concen: 19.657 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

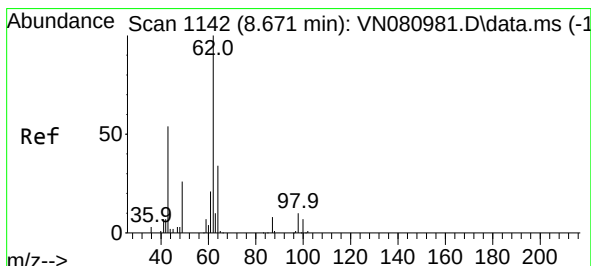
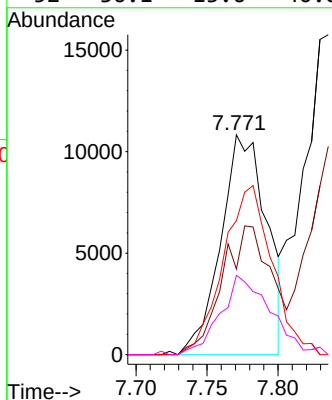
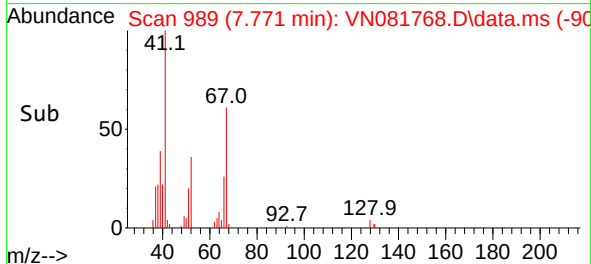
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion:	41	Resp:	24308
Ion Ratio	Lower	Upper	
41	100		
39	38.9	25.3	75.9
67	61.0	38.7	116.1
52	36.1	13.6	40.8

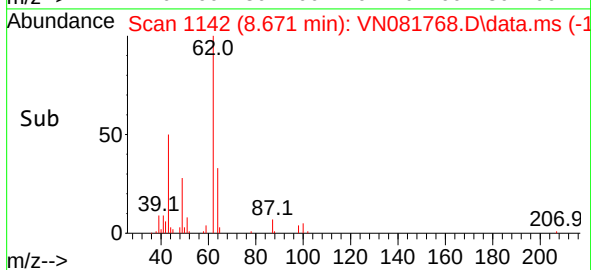
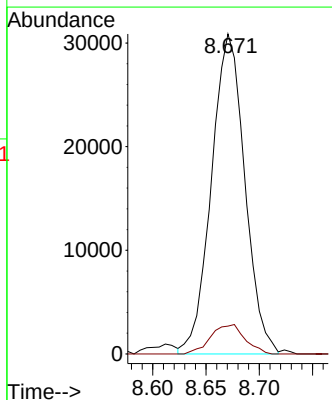
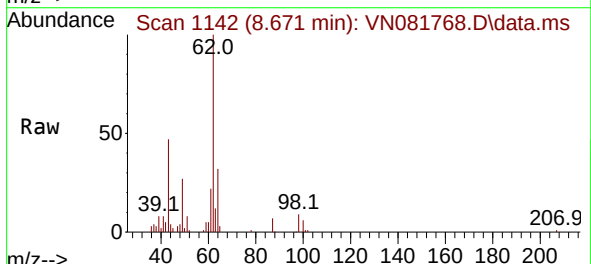
Manual Integrations
APPROVED

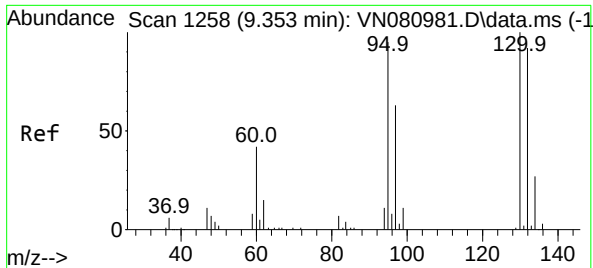
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#36
1,2-Dichloroethane
Concen: 22.269 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

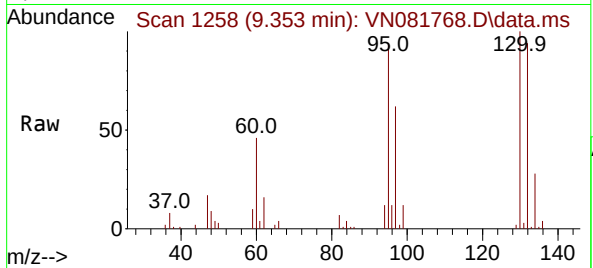
Tgt Ion:	62	Resp:	67261
Ion Ratio	Lower	Upper	
62	100		
98	9.4	8.2	12.4





#37
Trichloroethene
Concen: 18.784 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

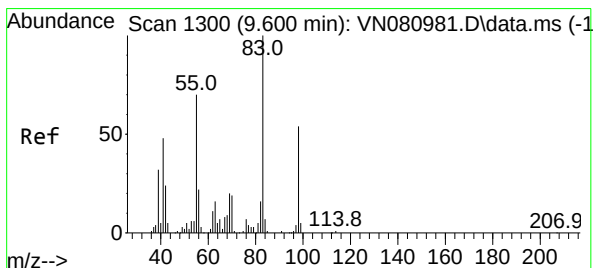
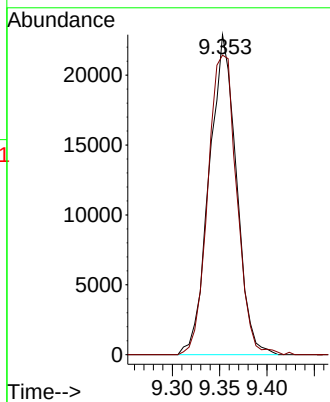
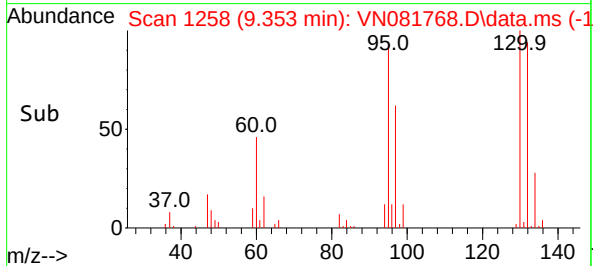
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



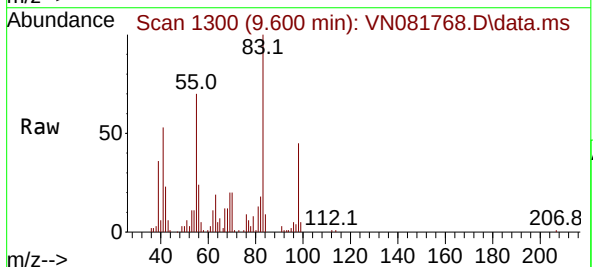
Tgt Ion:130 Resp: 4577
Ion Ratio Lower Upper
130 100
95 93.6 80.2 120.4

Manual Integrations
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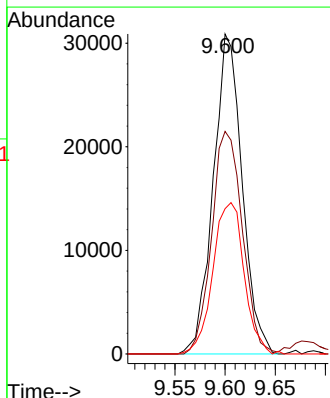
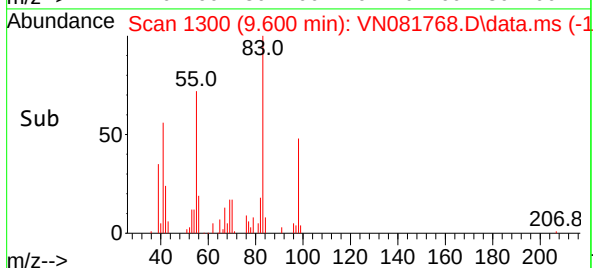
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

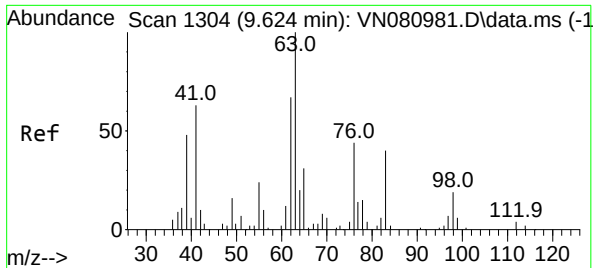


#38
Methylcyclohexane
Concen: 17.719 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



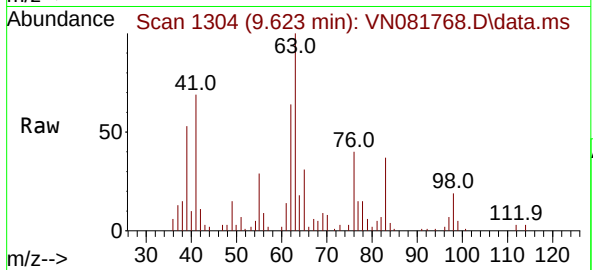
Tgt Ion: 83 Resp: 61909
Ion Ratio Lower Upper
83 100
55 73.9 36.6 109.9
98 51.0 23.8 71.5





#39
1,2-Dichloropropane
Concen: 20.584 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

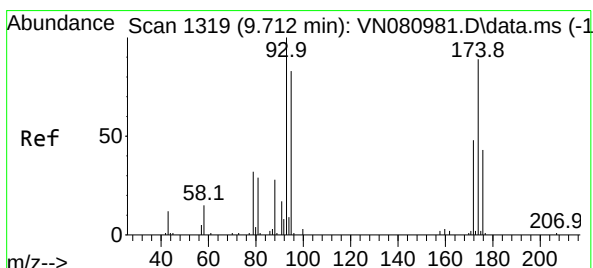
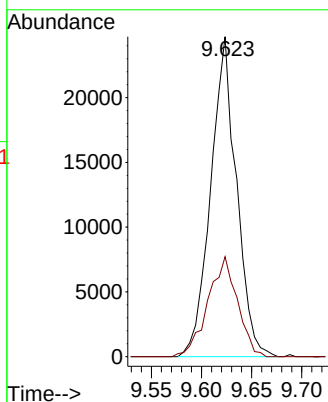
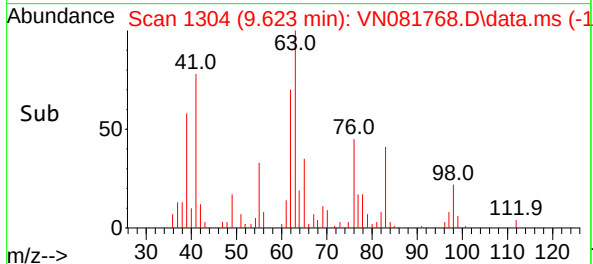
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



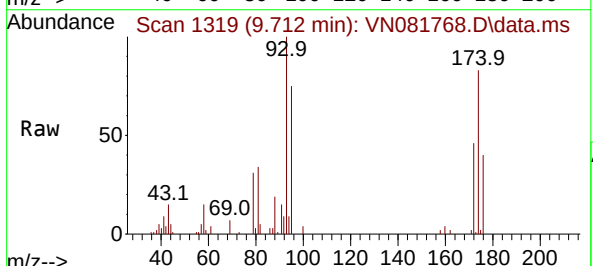
Tgt Ion: 63 Resp: 4422
Ion Ratio Lower Upper
63 100
65 31.3 25.0 37.4

Manual Integrations
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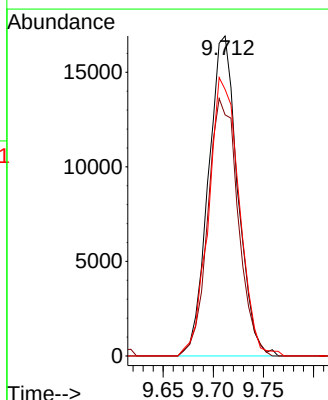
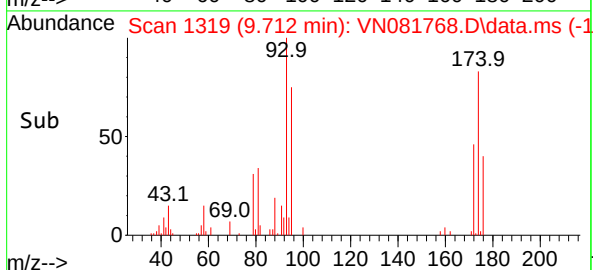
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

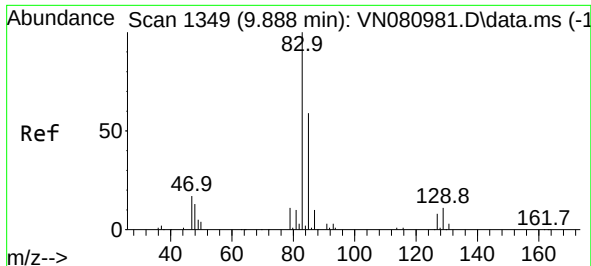


#40
Dibromomethane
Concen: 20.104 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



Tgt Ion: 93 Resp: 34404
Ion Ratio Lower Upper
93 100
95 83.0 0.0 164.6
174 90.6 0.0 193.2





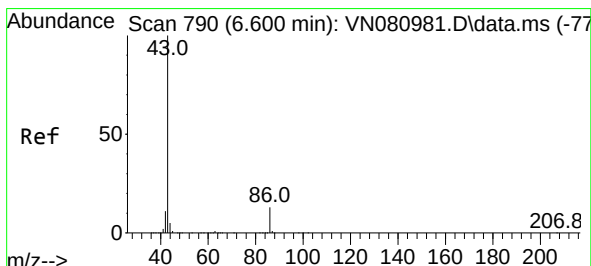
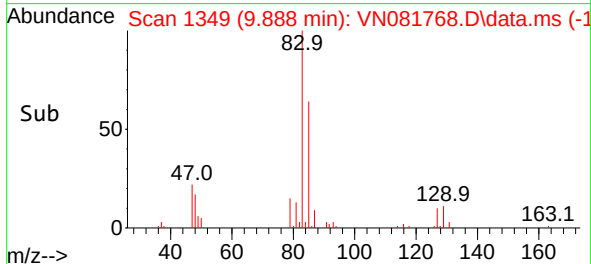
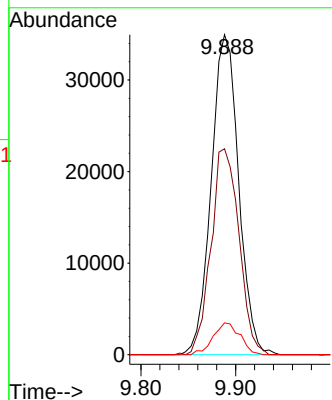
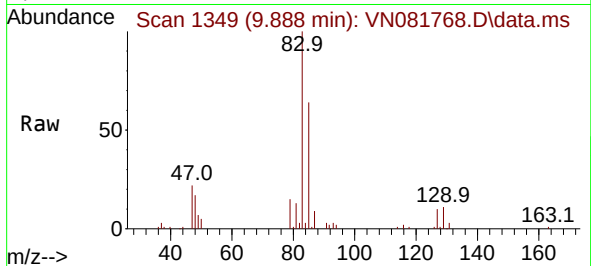
#41
Bromodichloromethane
Concen: 20.144 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion: 83 Resp: 70298
Ion Ratio Lower Upper
83 100
85 64.4 49.4 74.2
127 9.9 7.3 10.9

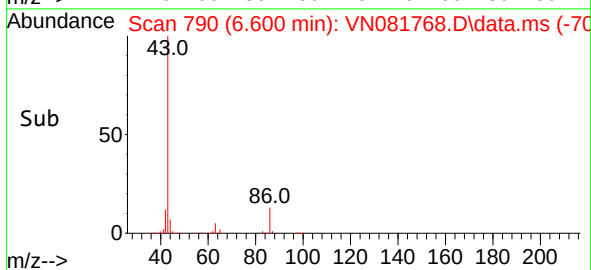
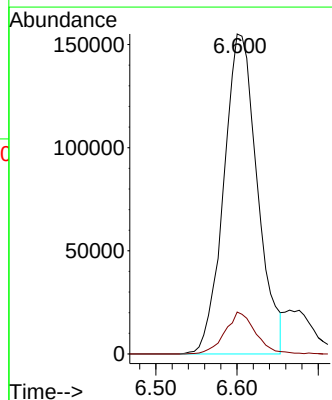
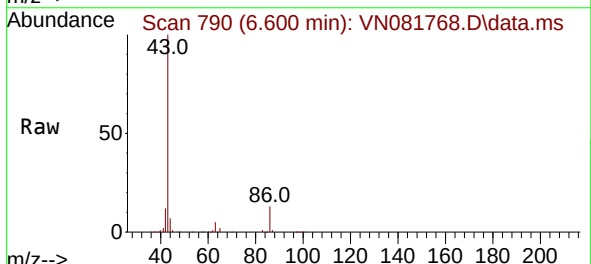
Manual Integrations
APPROVED

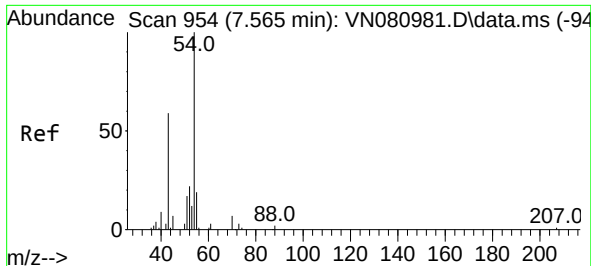
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#42
Vinyl Acetate
Concen: 98.238 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

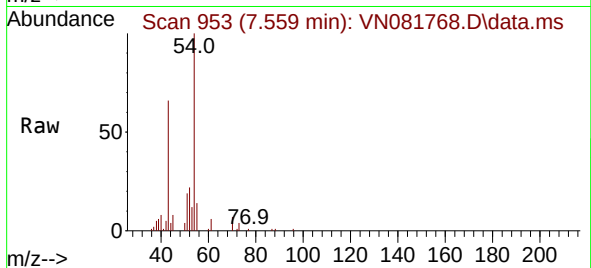
Tgt Ion: 43 Resp: 446778
Ion Ratio Lower Upper
43 100
86 11.9 9.4 14.2





#43
Ethyl Acetate
Concen: 19.813 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

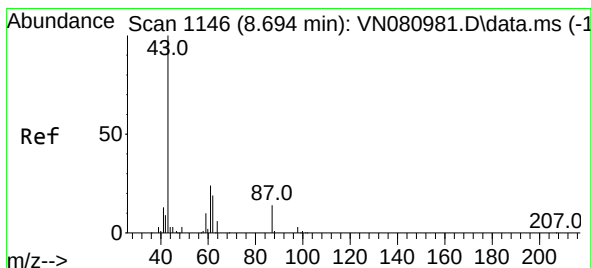
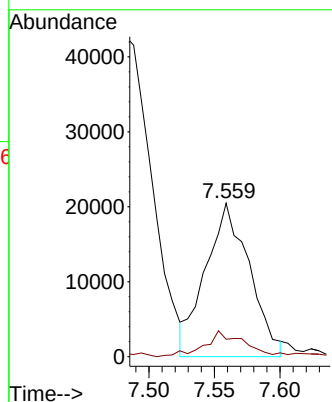
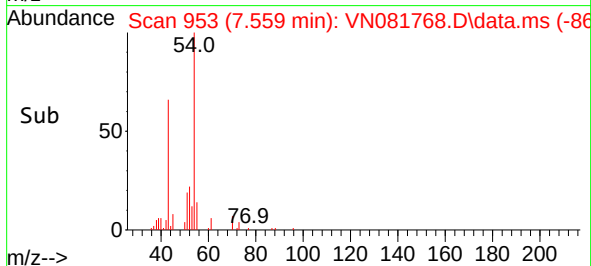
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



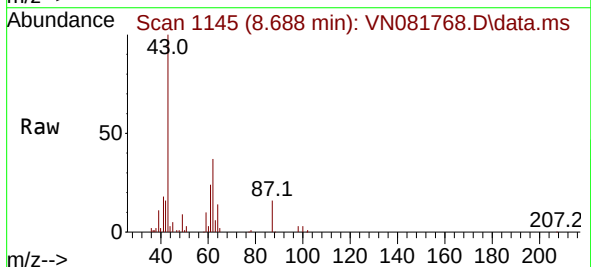
Tgt Ion: 43 Resp: 47672
Ion Ratio Lower Upper
43 100
45 5.8 10.6 15.8

Manual Integrations
APPROVED

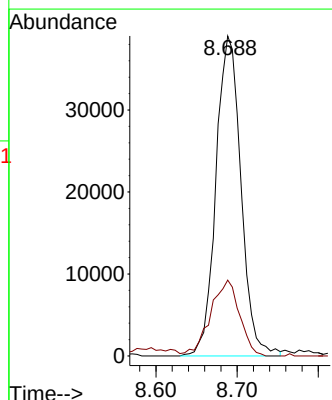
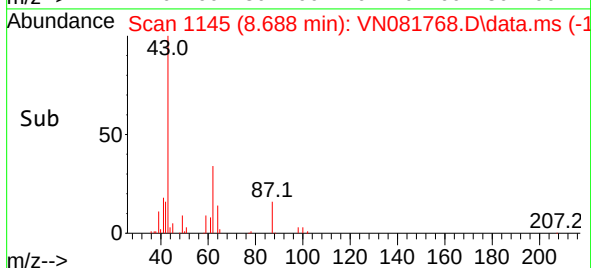
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

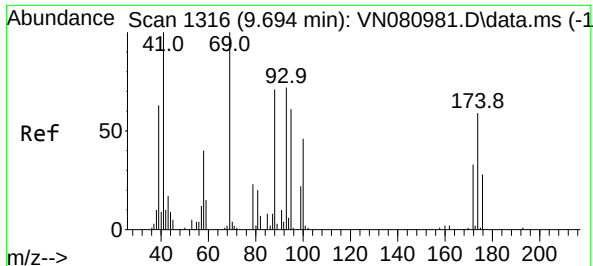


#44
Isopropyl Acetate
Concen: 20.751 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



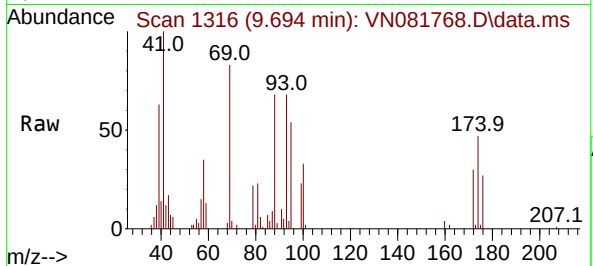
Tgt Ion: 43 Resp: 83659
Ion Ratio Lower Upper
43 100
61 27.5 25.0 37.4





#45
1,4-Dioxane
Concen: 412.487 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

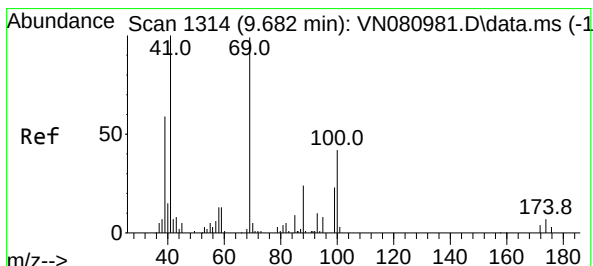
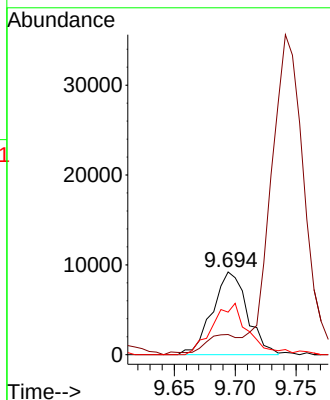
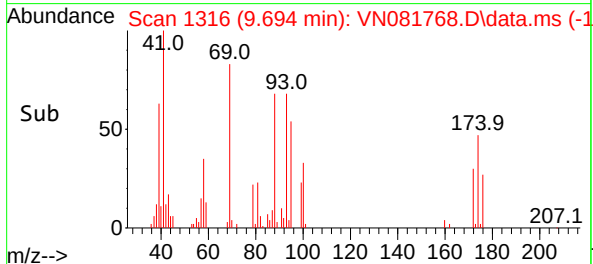
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 88 Resp: 1835
Ion Ratio Lower Upper
88 100
43 20.9 19.8 29.6
58 61.3 55.4 83.0

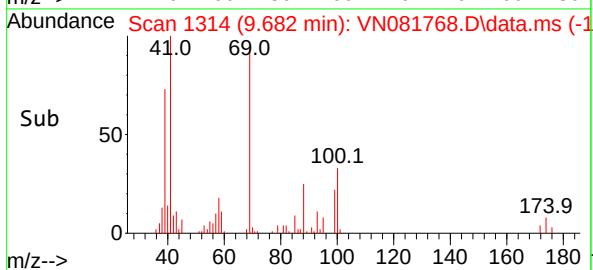
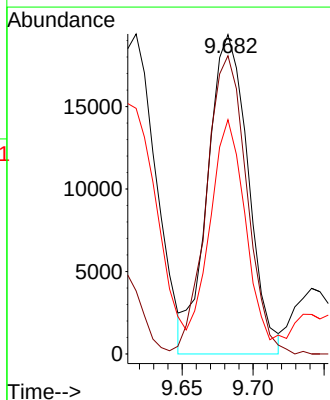
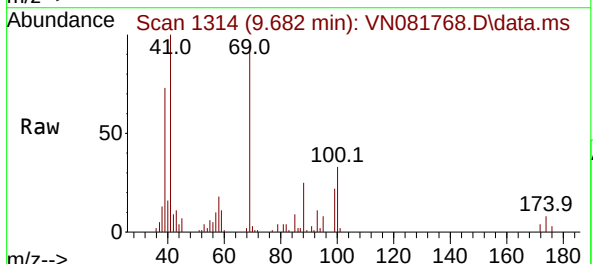
Manual Integrations
APPROVED

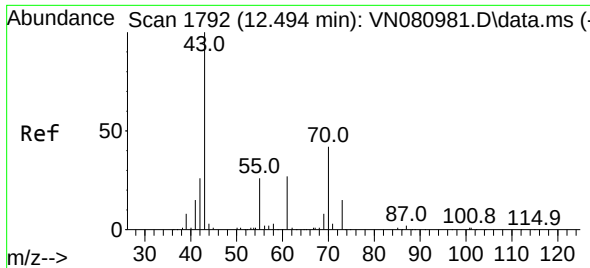
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#46
Methyl methacrylate
Concen: 21.187 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

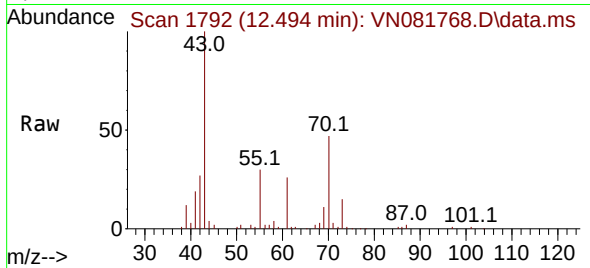
Tgt Ion: 41 Resp: 38411
Ion Ratio Lower Upper
41 100
69 97.1 51.1 153.3
39 72.0 25.8 77.3





#47
n-amyl Acetate
Concen: 19.741 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

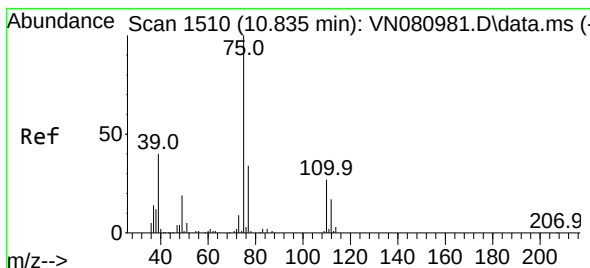
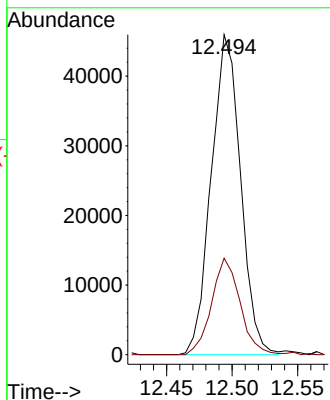
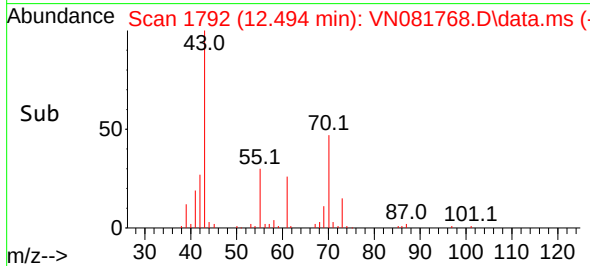
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 43 Resp: 71415
Ion Ratio Lower Upper
43 100
55 29.2 23.4 35.2

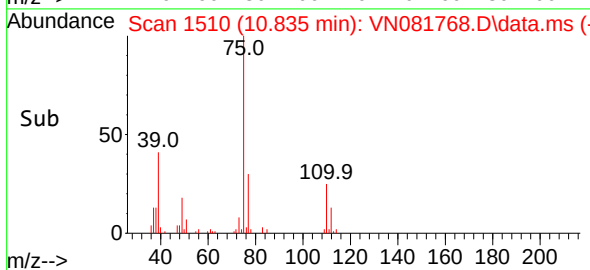
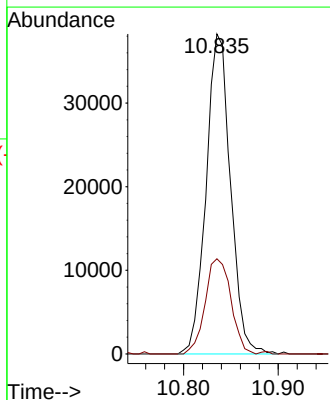
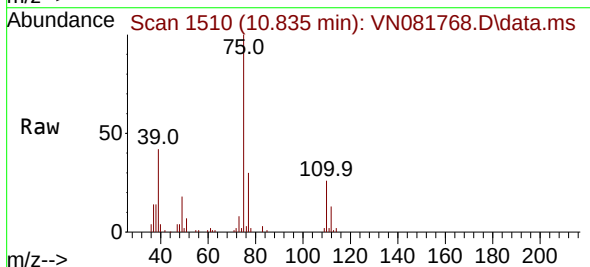
Manual Integrations
APPROVED

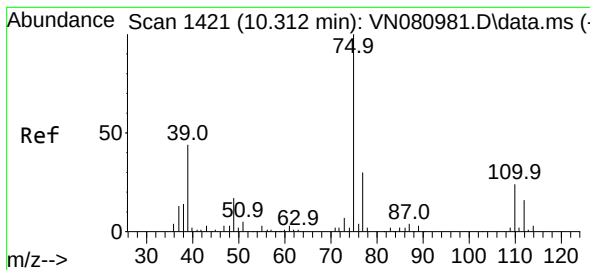
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#48
t-1,3-Dichloropropene
Concen: 20.547 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

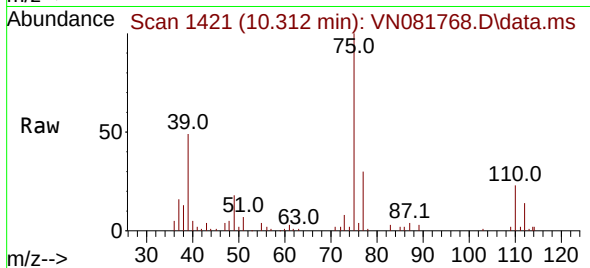
Tgt Ion: 75 Resp: 68312
Ion Ratio Lower Upper
75 100
77 29.8 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 19.774 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

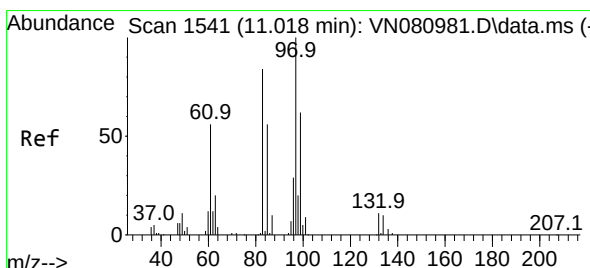
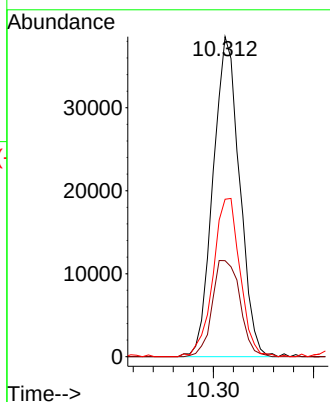
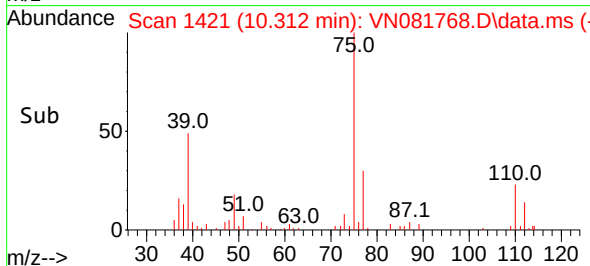
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 75 Resp: 70790
Ion Ratio Lower Upper
75 100
77 30.0 24.9 37.3
39 49.2 31.0 46.6

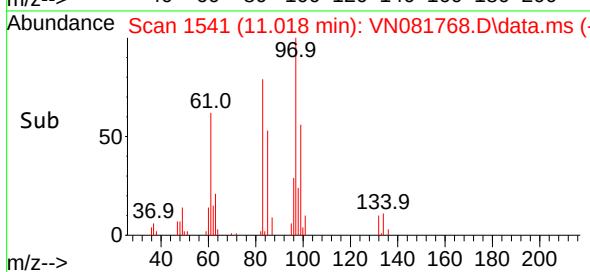
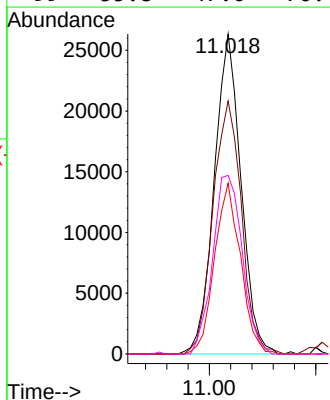
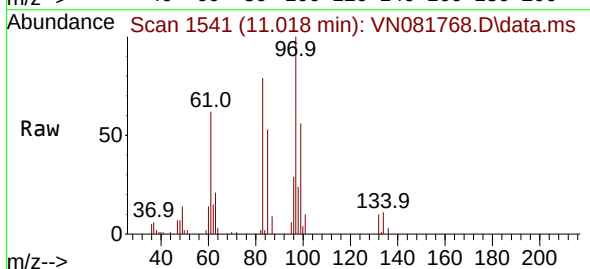
Manual Integrations
APPROVED

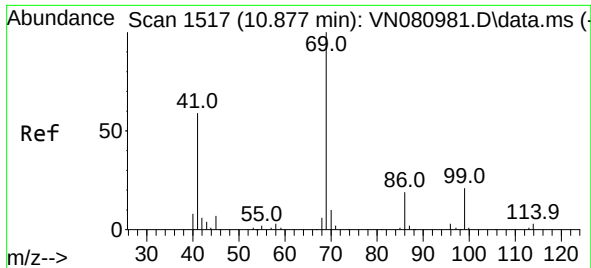
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#50
1,1,2-Trichloroethane
Concen: 20.036 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

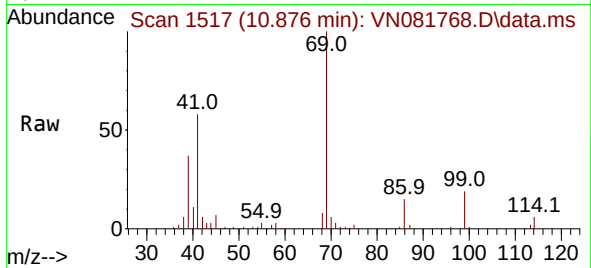
Tgt Ion: 97 Resp: 45910
Ion Ratio Lower Upper
97 100
83 79.0 68.1 102.1
85 53.3 41.8 62.6
99 55.8 47.0 70.4





#51
Ethyl methacrylate
Concen: 19.051 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

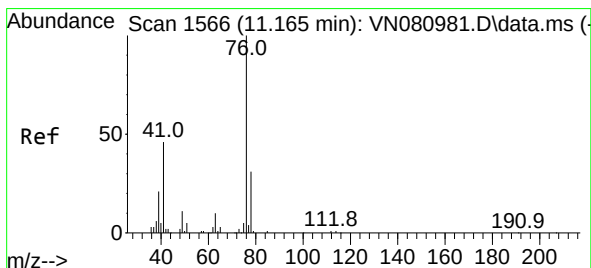
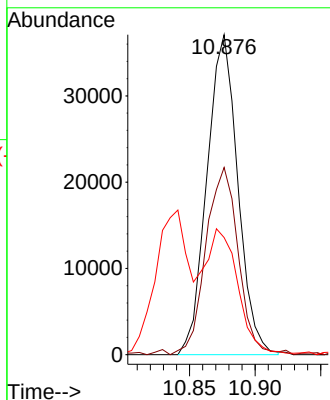
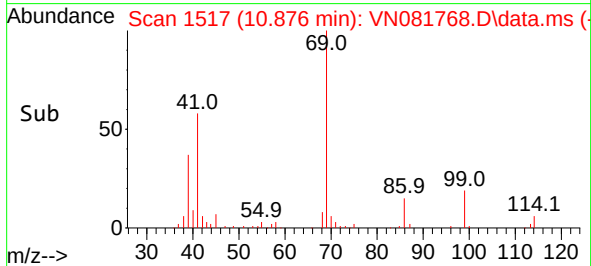
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 69 Resp: 60784
Ion Ratio Lower Upper
69 100
41 57.6 25.5 76.5
39 35.6 16.0 47.9

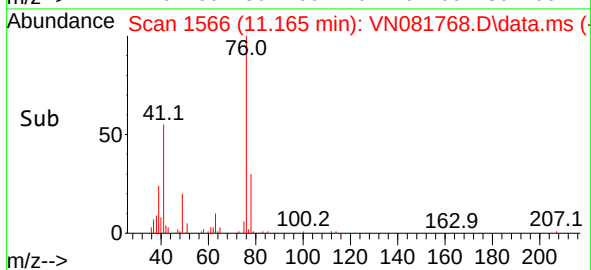
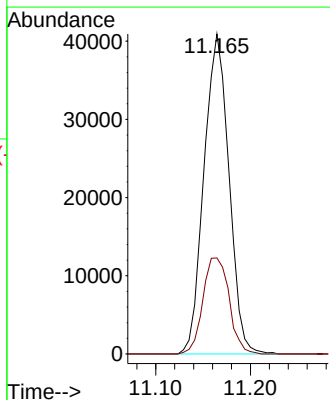
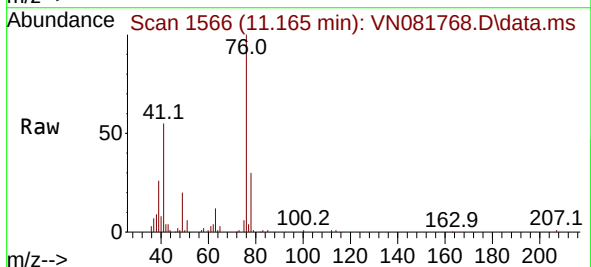
Manual Integrations
APPROVED

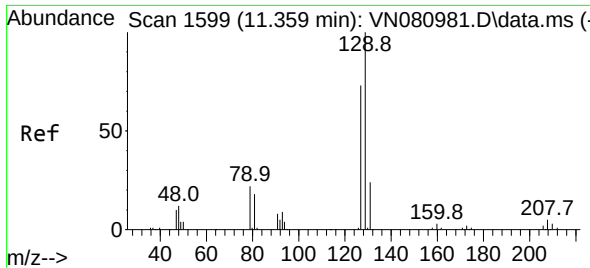
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#52
1,3-Dichloropropane
Concen: 20.017 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

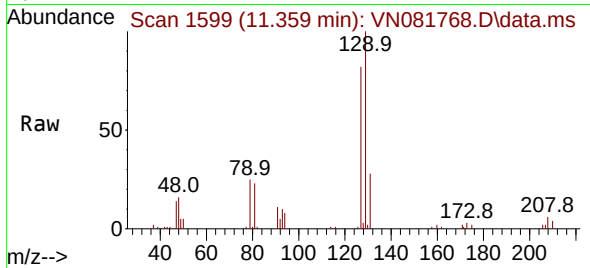
Tgt Ion: 76 Resp: 75181
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.8





#53
Dibromochloromethane
Concen: 19.554 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

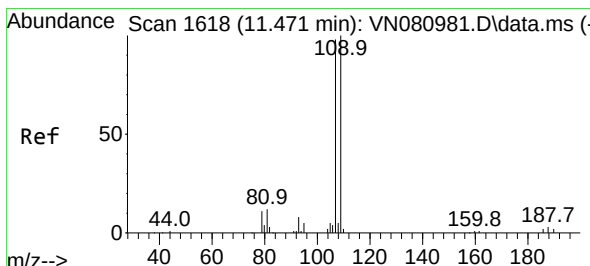
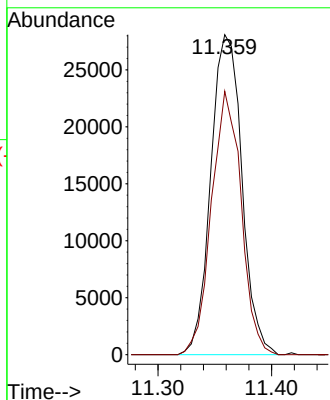
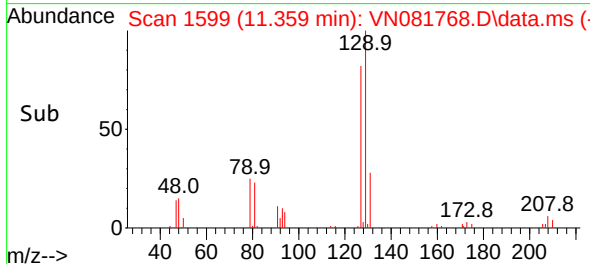
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



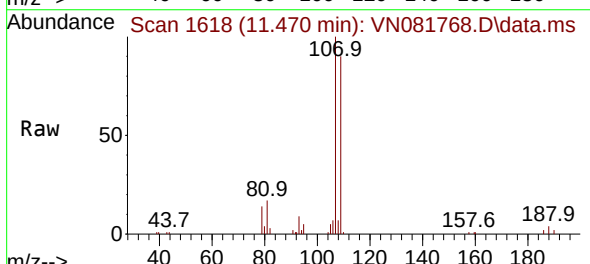
Tgt Ion:129 Resp: 53524
Ion Ratio Lower Upper
129 100
127 78.4 39.4 118.1

Manual Integrations
APPROVED

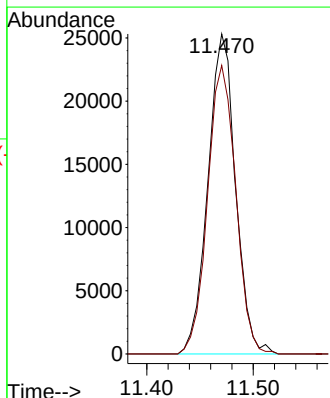
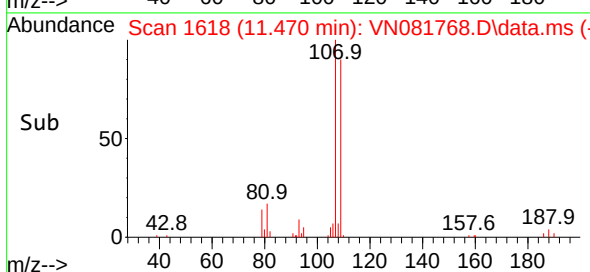
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

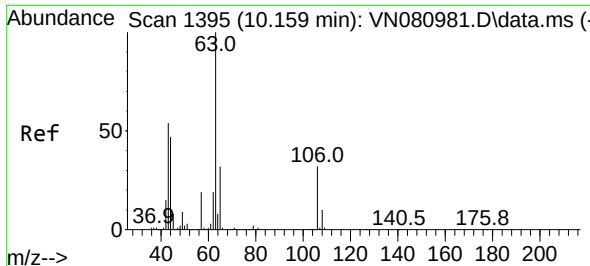


#54
1,2-Dibromoethane
Concen: 19.224 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



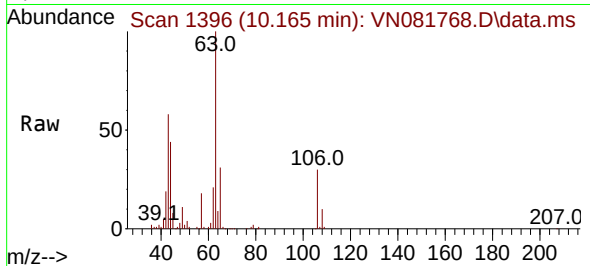
Tgt Ion:107 Resp: 45533
Ion Ratio Lower Upper
107 100
109 92.2 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 109.394 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

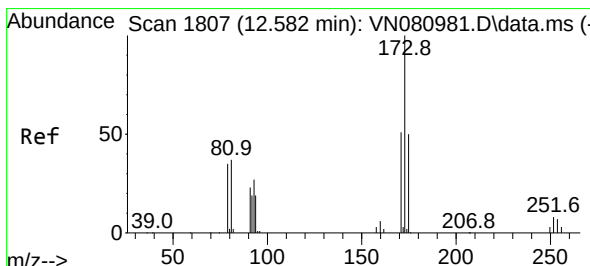
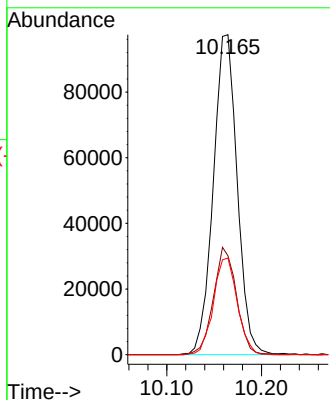
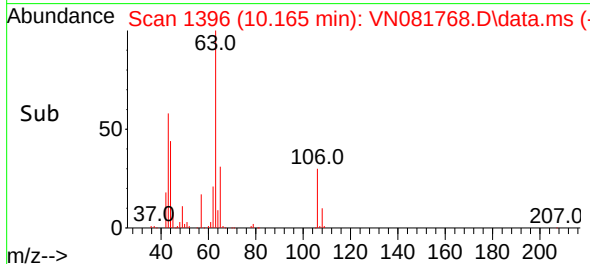
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 63 Resp: 171398
Ion Ratio Lower Upper
63 100
65 32.1 26.2 39.2
106 30.1 23.8 35.8

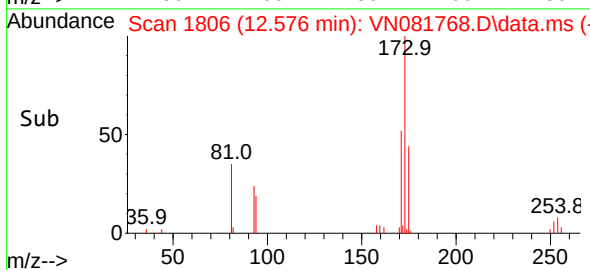
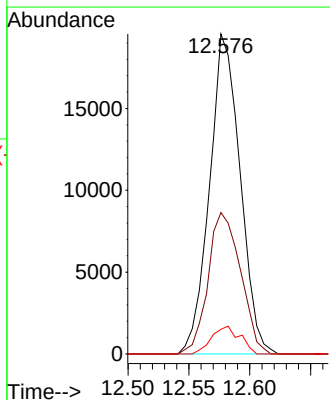
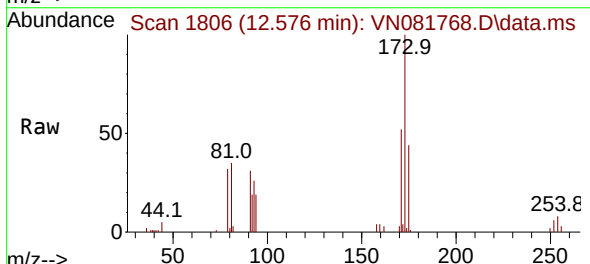
Manual Integrations
APPROVED

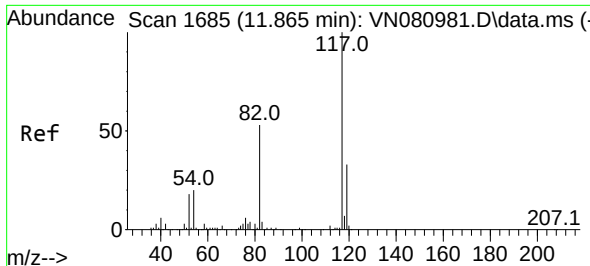
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#56
Bromoform
Concen: 19.490 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

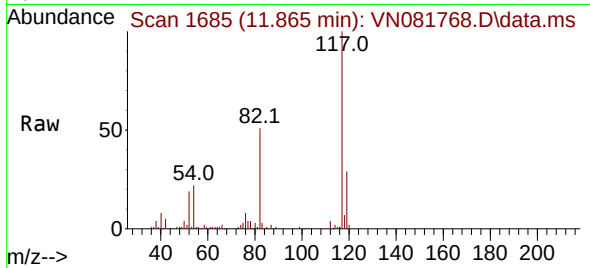
Tgt Ion:173 Resp: 34112
Ion Ratio Lower Upper
173 100
175 47.0 40.0 60.0
254 8.0 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

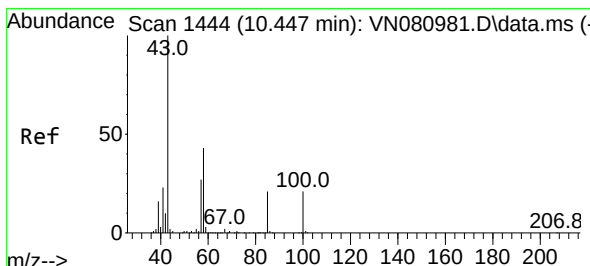
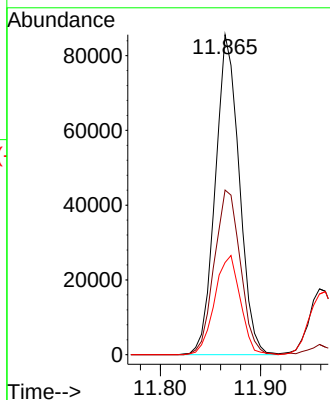
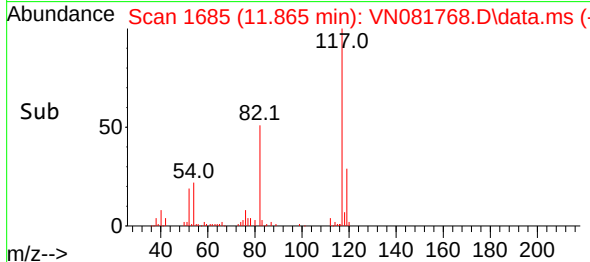
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion:117 Resp: 14210
Ion Ratio Lower Upper
117 100
82 55.9 46.6 69.8
119 33.2 25.4 38.2

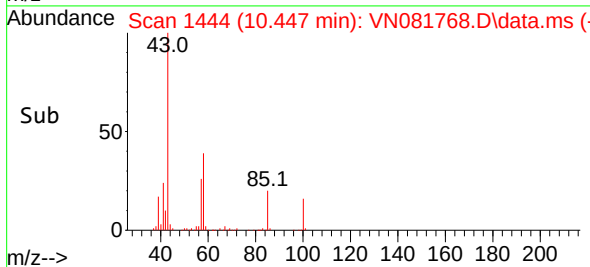
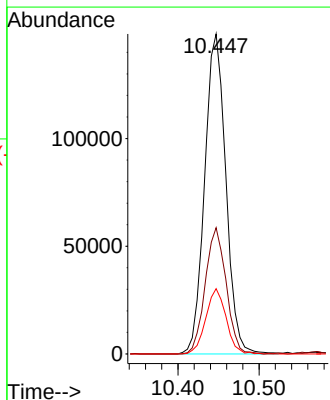
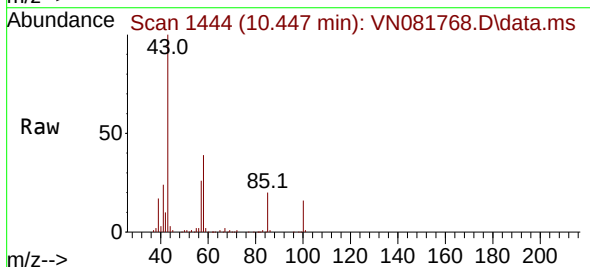
Manual Integrations
APPROVED

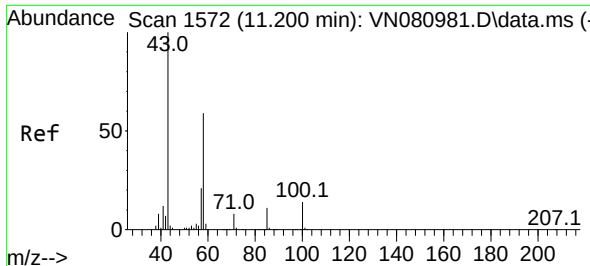
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#58
4-Methyl-2-Pentanone
Concen: 110.233 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

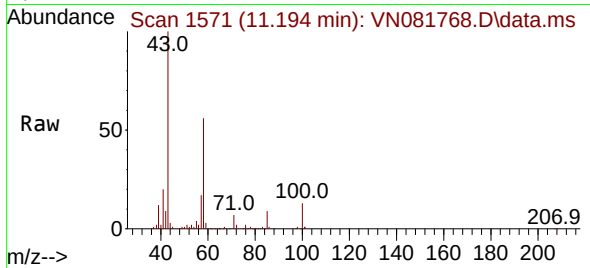
Tgt Ion: 43 Resp: 269387
Ion Ratio Lower Upper
43 100
58 39.0 36.5 54.7
85 19.6 19.5 29.3





#59
2-Hexanone
Concen: 110.866 ug/l m
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

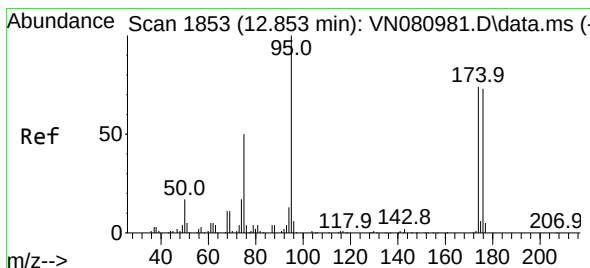
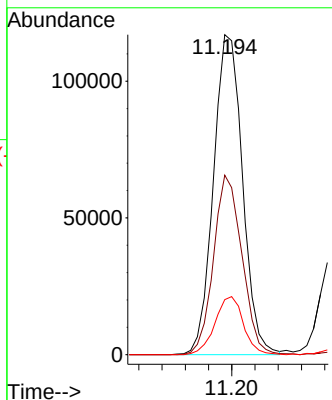
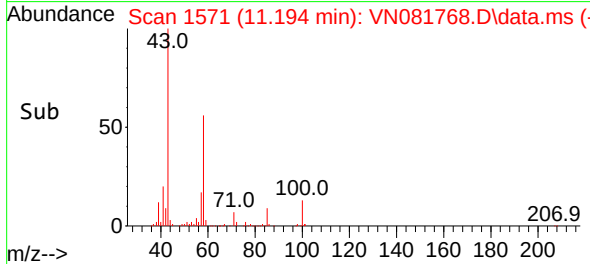
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 43 Resp: 20347
Ion Ratio Lower Upper
43 100
58 0.9 50.4 75.6
57 0.4 18.6 27.8

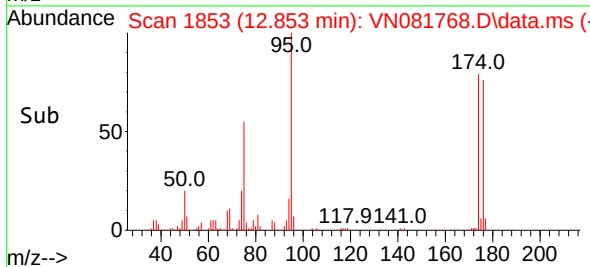
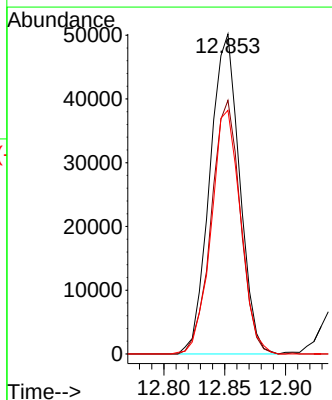
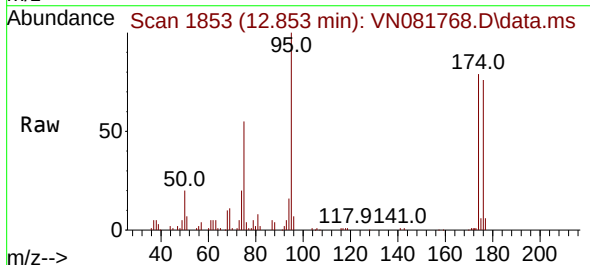
Manual Integrations
APPROVED

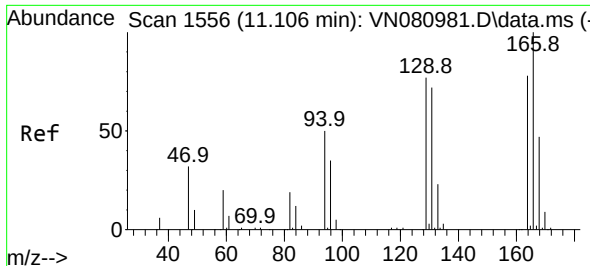
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#60
4-Bromofluorobenzene
Concen: 30.527 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

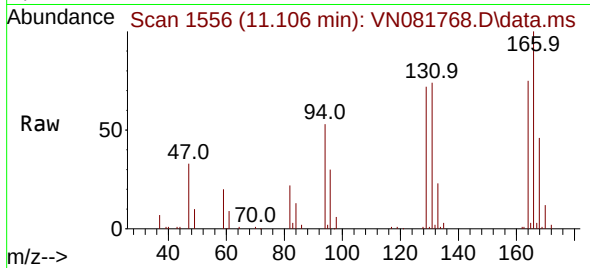
Tgt Ion: 95 Resp: 85289
Ion Ratio Lower Upper
95 100
174 77.4 60.5 90.7
176 75.4 57.8 86.6





#61
Tetrachloroethene
Concen: 19.486 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

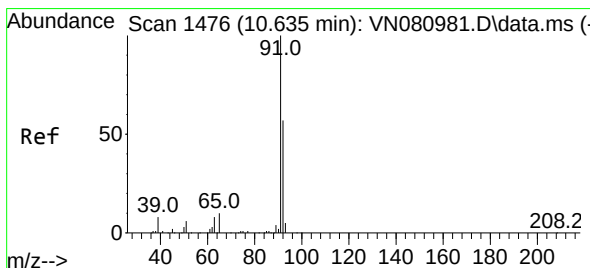
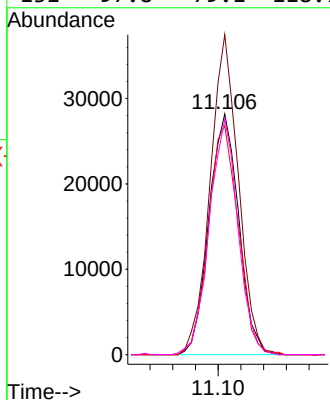
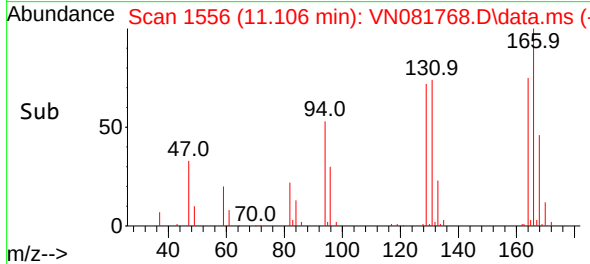
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



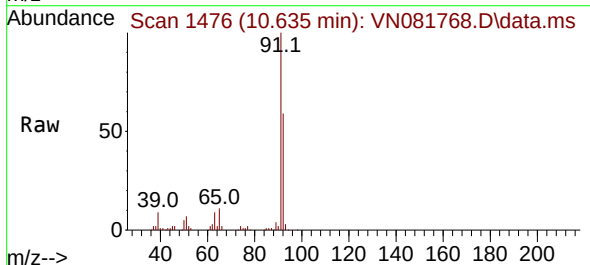
Tgt Ion:164 Resp: 51309
Ion Ratio Lower Upper
164 100
166 132.9 106.7 160.1
129 95.1 85.8 128.6
131 97.8 79.1 118.7

Manual Integrations
APPROVED

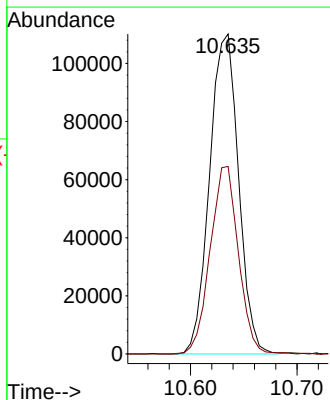
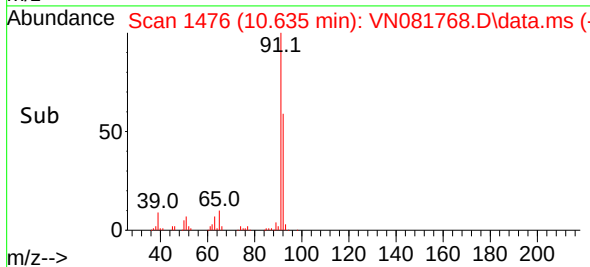
Reviewed By :John Carbone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

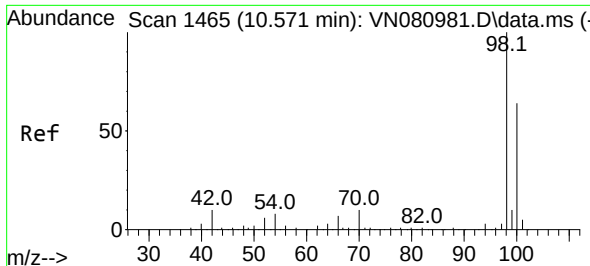


#62
Toluene
Concen: 20.113 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



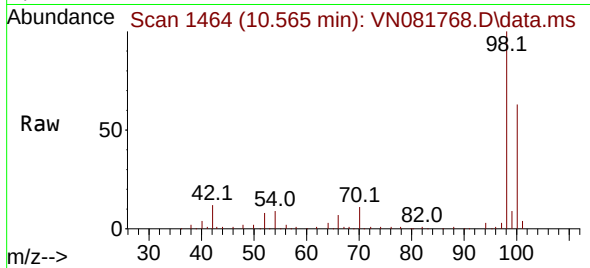
Tgt Ion: 91 Resp: 207934
Ion Ratio Lower Upper
91 100
92 57.2 46.5 69.7





#63
Toluene-d8
Concen: 31.690 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

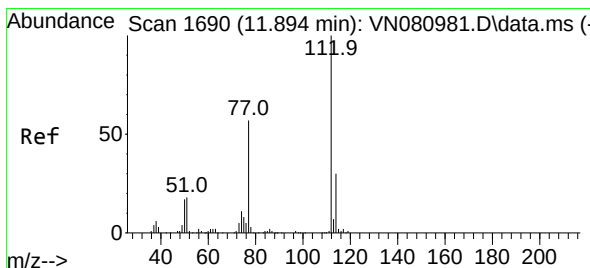
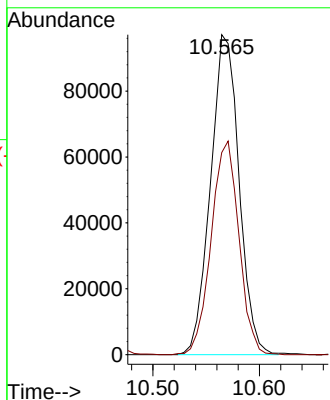
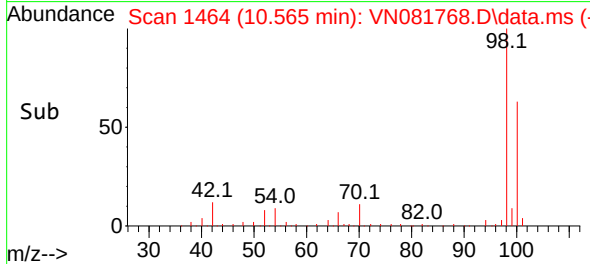
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 98 Resp: 18064
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1

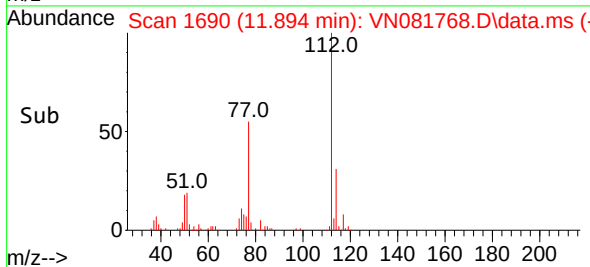
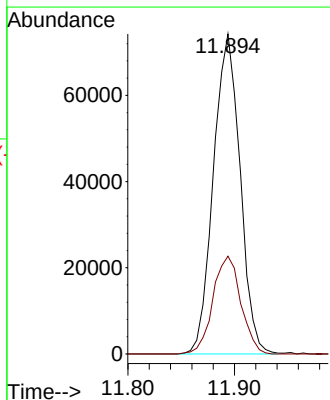
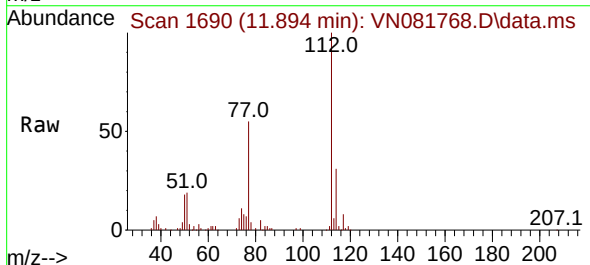
Manual Integrations
APPROVED

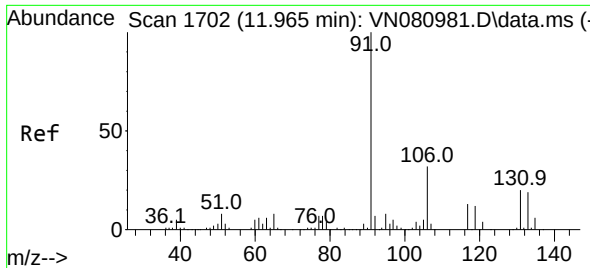
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#64
Chlorobenzene
Concen: 19.684 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

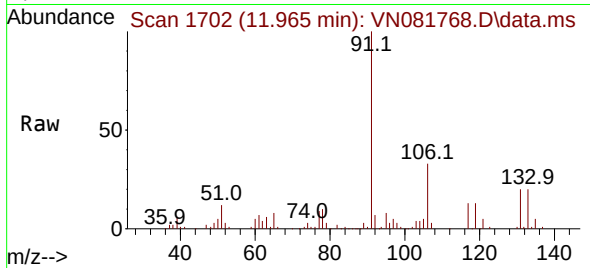
Tgt Ion:112 Resp: 129040
Ion Ratio Lower Upper
112 100
114 30.5 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 18.835 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

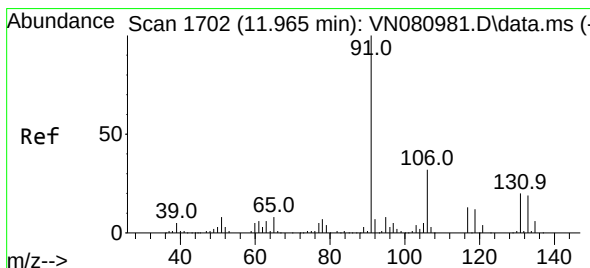
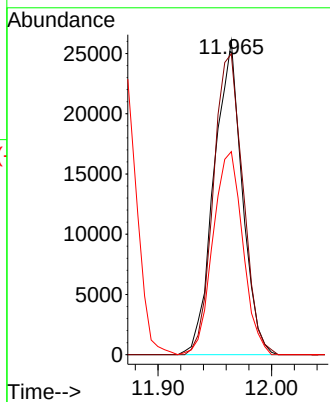
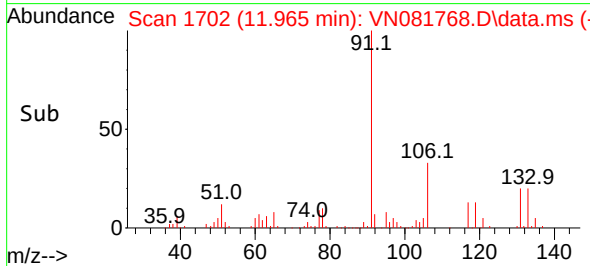
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion:131 Resp: 4485
Ion Ratio Lower Upper
131 100
133 100.4 0.0 188.0
119 68.7 0.0 122.8

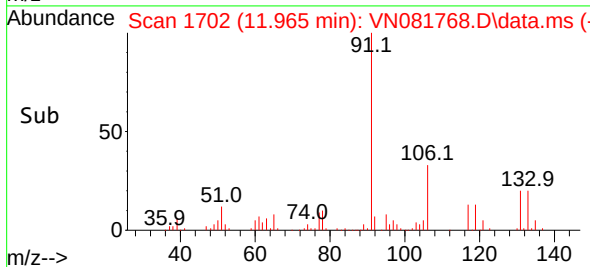
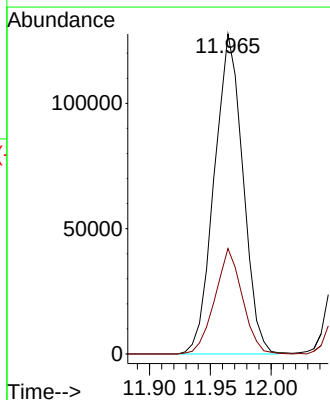
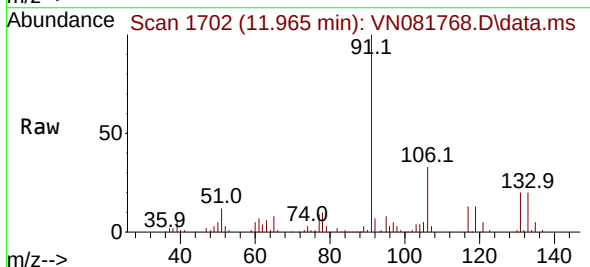
Manual Integrations
APPROVED

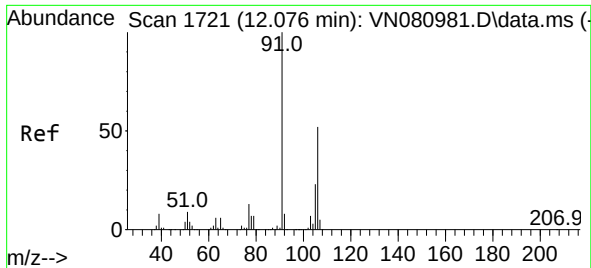
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#66
Ethyl Benzene
Concen: 19.026 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

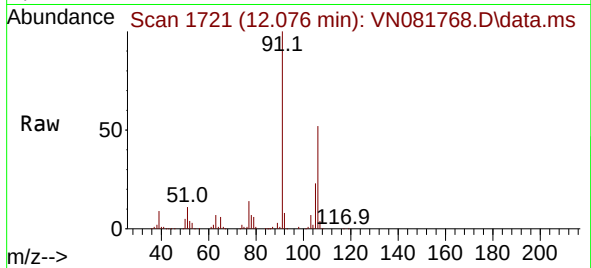
Tgt Ion: 91 Resp: 209132
Ion Ratio Lower Upper
91 100
106 32.9 24.4 36.6





#67
m/p-Xylenes
Concen: 39.753 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

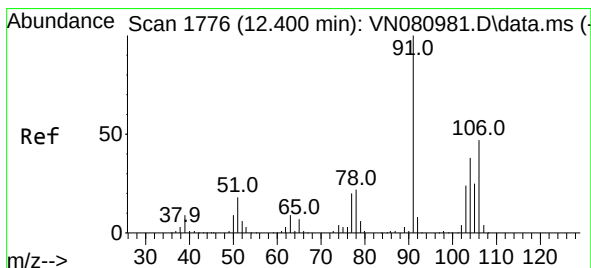
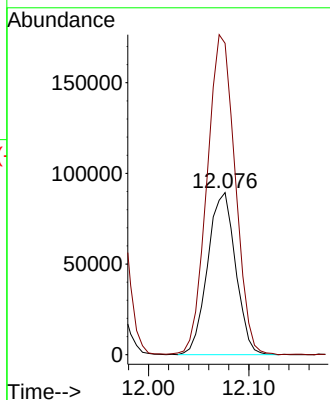
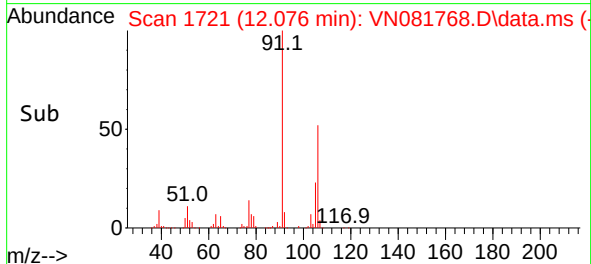
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion:106 Resp: 17308
Ion Ratio Lower Upper
106 100
91 198.9 166.6 249.8

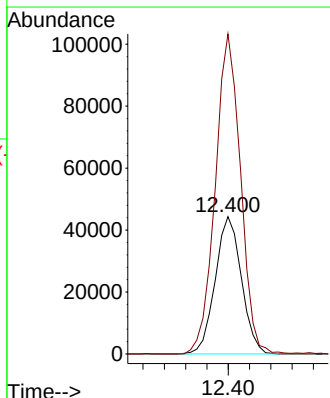
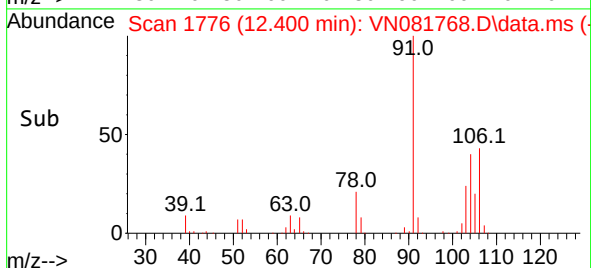
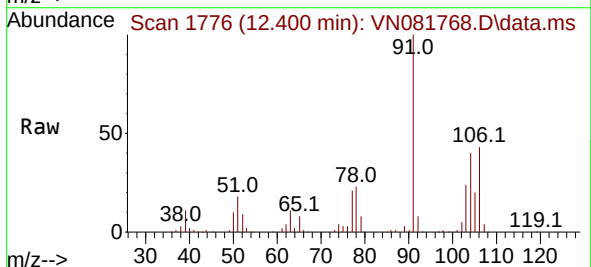
Manual Integrations
APPROVED

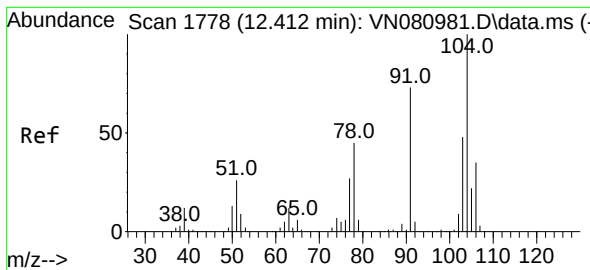
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#68
o-Xylene
Concen: 18.299 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion:106 Resp: 75639
Ion Ratio Lower Upper
106 100
91 224.8 110.0 330.0





#69

Styrene

Concen: 19.557 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS01

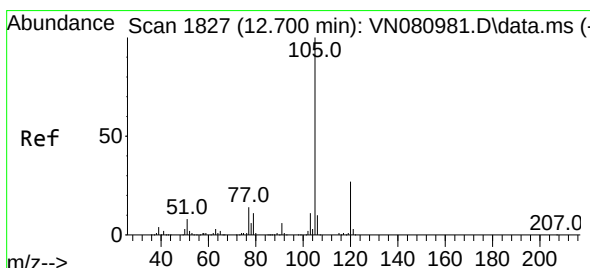
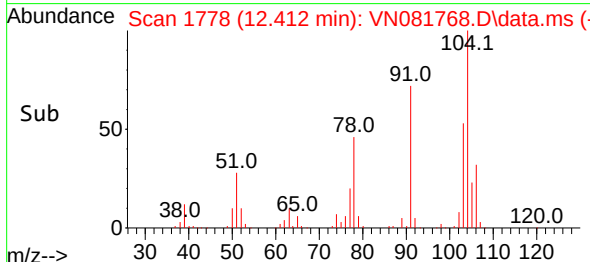
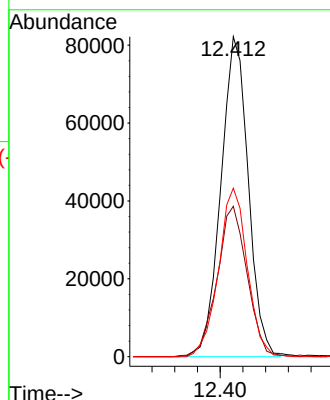
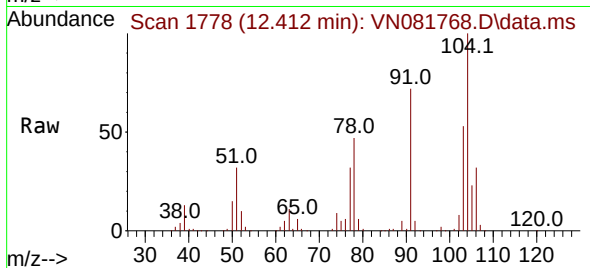
Tgt Ion:104 Resp: 137672
 Ion Ratio Lower Upper
 104 100
 78 51.6 42.6 64.0
 103 55.0 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2024

Supervised By :Mahesh Dadoda 04/18/2024



#70

Isopropylbenzene

Concen: 19.598 ug/l

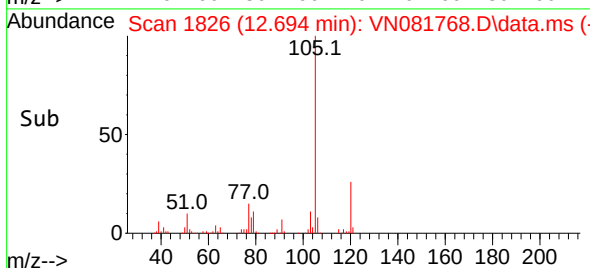
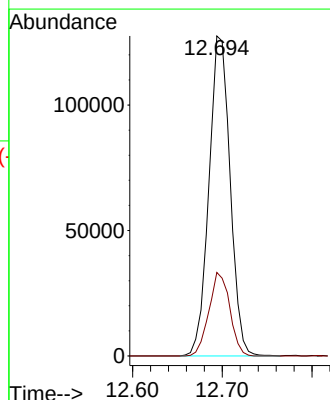
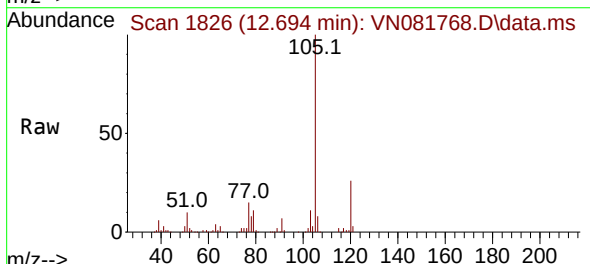
RT: 12.694 min Scan# 1826

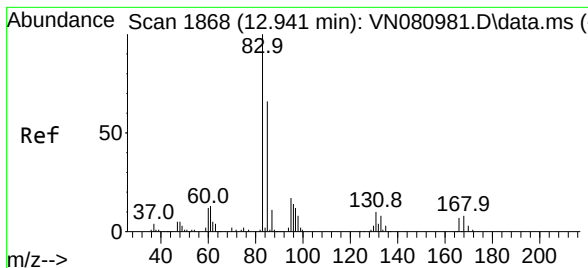
Delta R.T. -0.000 min

Lab File: VN081768.D

Acq: 17 Apr 2024 12:06

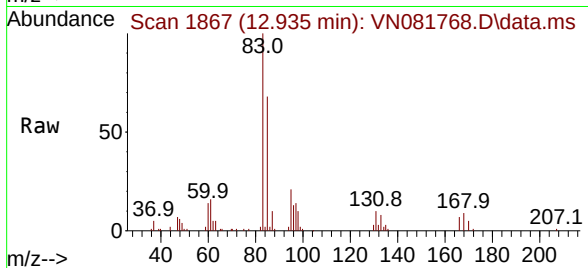
Tgt Ion:105 Resp: 208987
 Ion Ratio Lower Upper
 105 100
 120 25.7 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.734 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

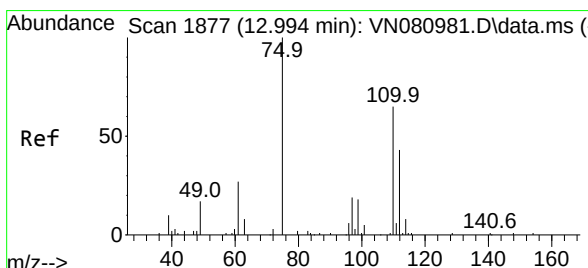
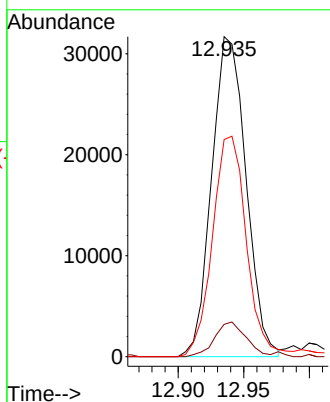
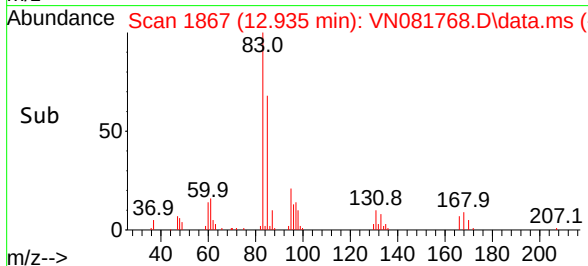
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 83 Resp: 57754
Ion Ratio Lower Upper
83 100
131 9.9 5.2 15.6
85 68.0 32.3 96.8

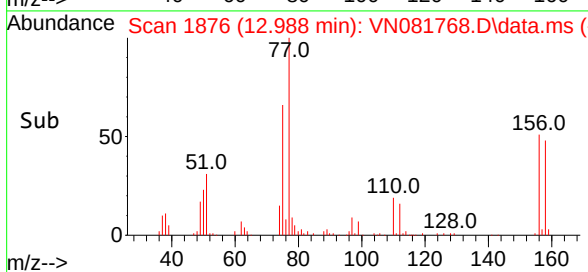
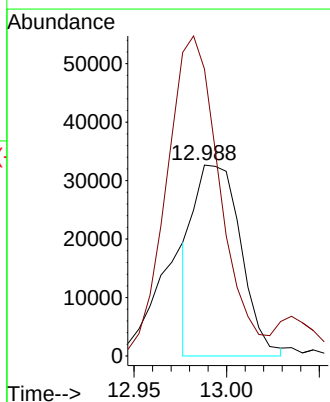
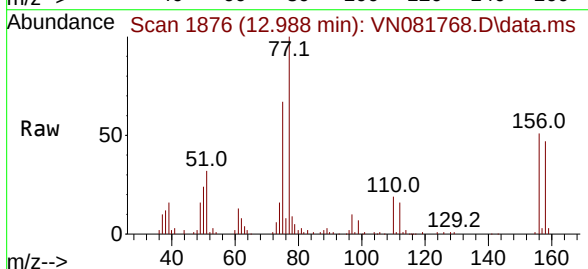
Manual Integrations
APPROVED

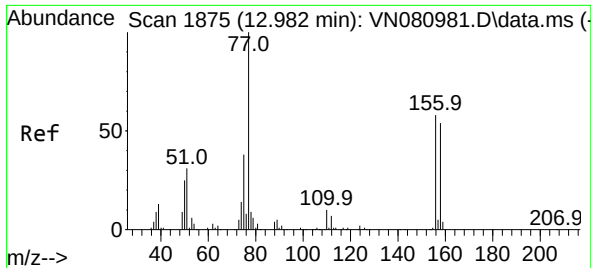
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#72
1,2,3-Trichloropropane
Concen: 22.519 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

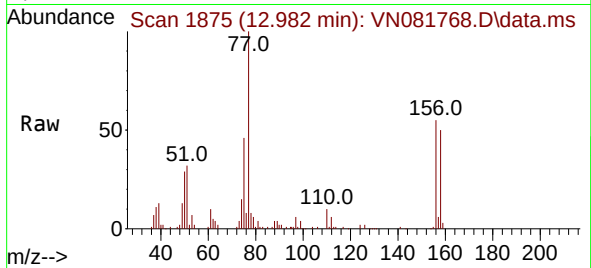
Tgt Ion: 75 Resp: 58072
Ion Ratio Lower Upper
75 100
77 190.0 0.0 367.6





#73
Bromobenzene
Concen: 18.770 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

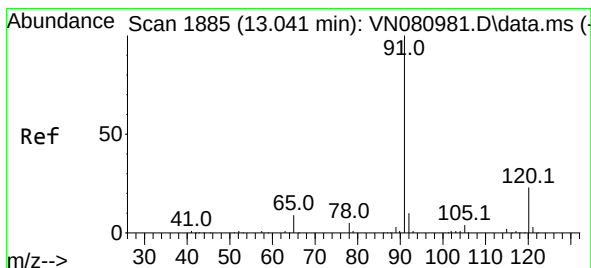
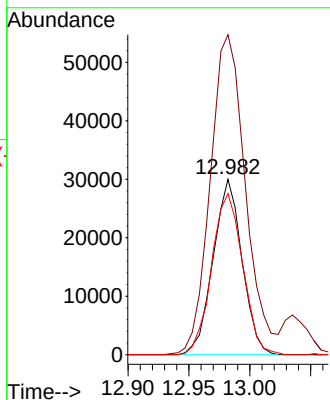
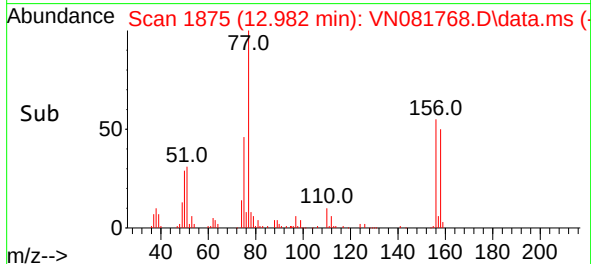
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



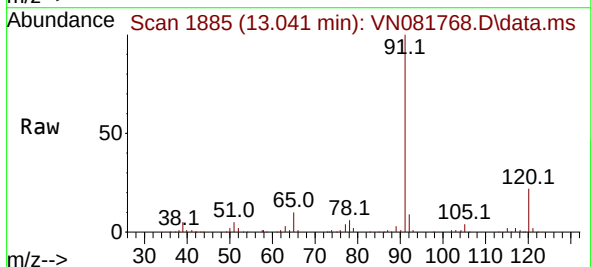
Tgt Ion:156 Resp: 4959
Ion Ratio Lower Upper
156 100
77 222.4 0.0 437.6
158 98.6 0.0 203.8

Manual Integrations
APPROVED

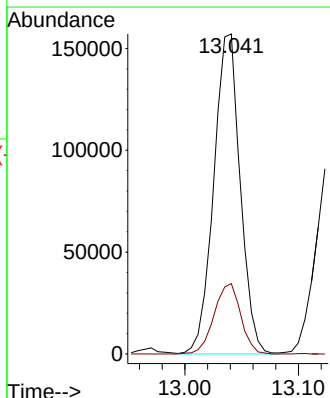
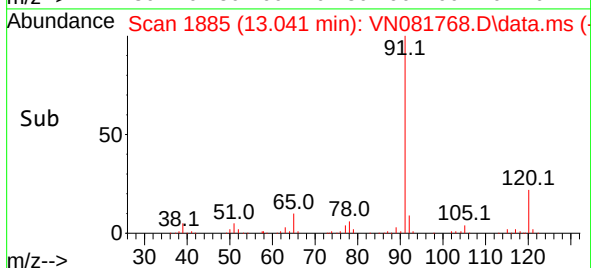
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

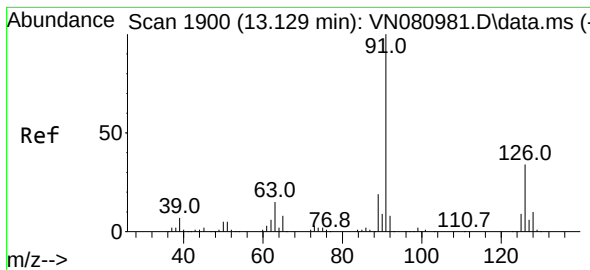


#74
n-propylbenzene
Concen: 19.969 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



Tgt Ion: 91 Resp: 254887
Ion Ratio Lower Upper
91 100
120 22.1 0.0 43.8





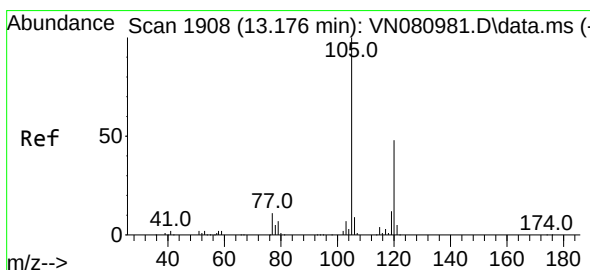
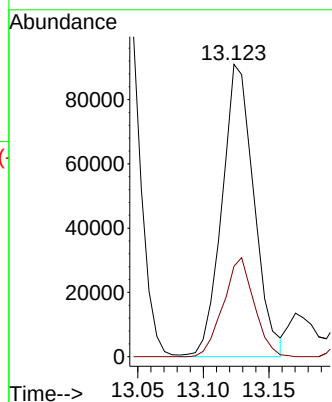
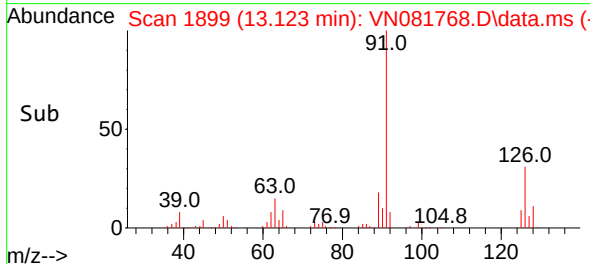
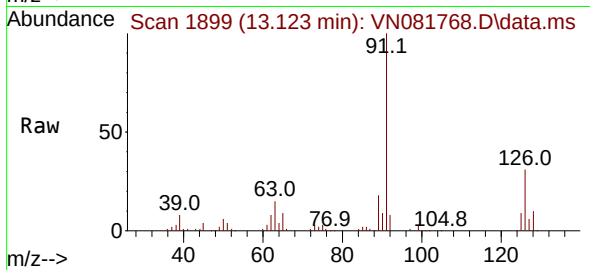
#75
2-Chlorotoluene
Concen: 20.312 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01

Tgt Ion: 91 Resp: 154460
Ion Ratio Lower Upper
91 100
126 32.5 0.0 61.2

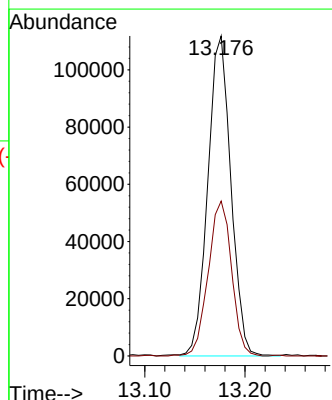
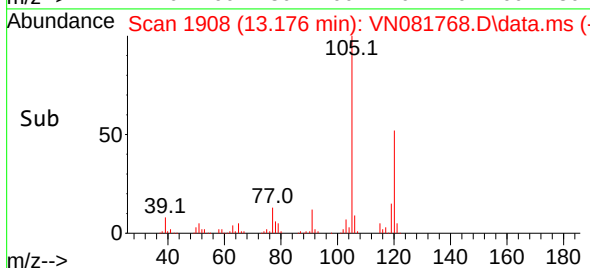
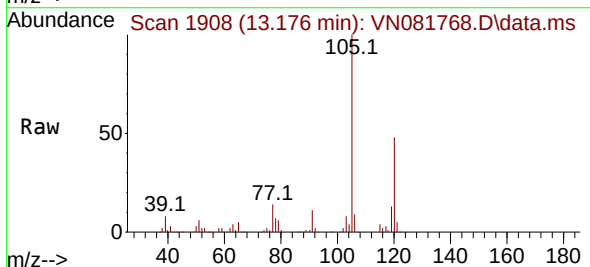
Manual Integrations
APPROVED

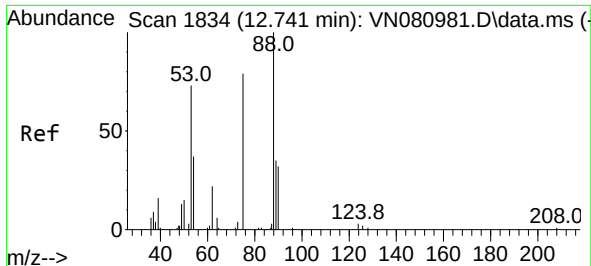
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.813 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

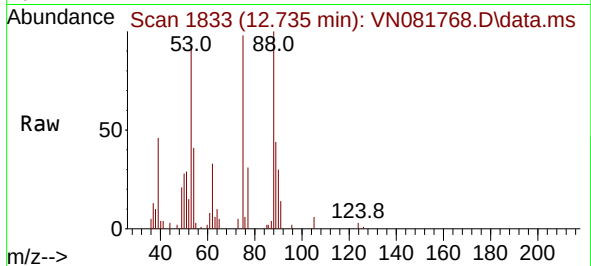
Tgt Ion:105 Resp: 179324
Ion Ratio Lower Upper
105 100
120 48.9 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.880 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

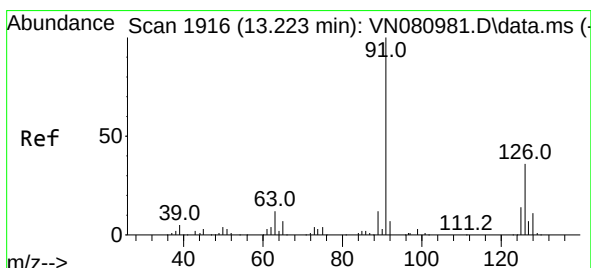
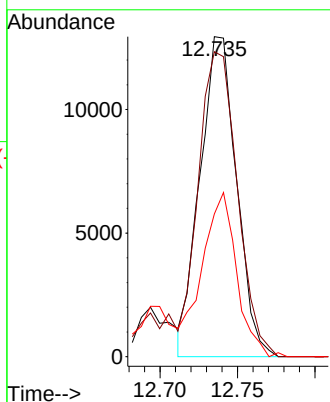
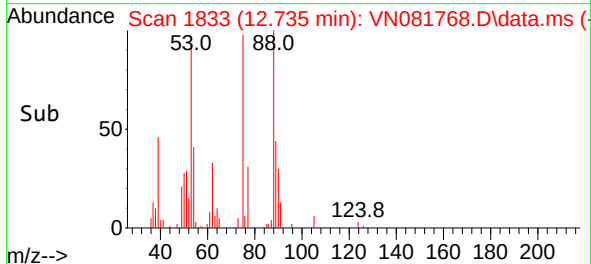
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 75 Resp: 2123
Ion Ratio Lower Upper
75 100
53 95.3 45.9 137.7
89 43.4 25.9 77.7

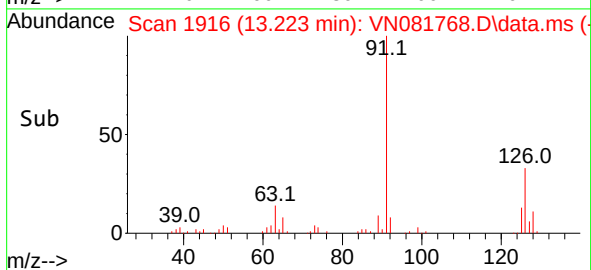
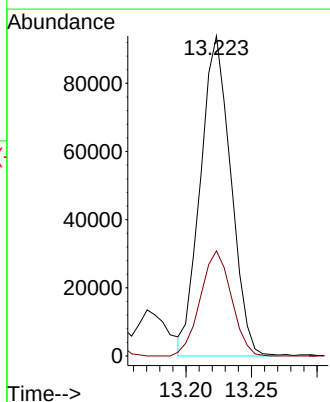
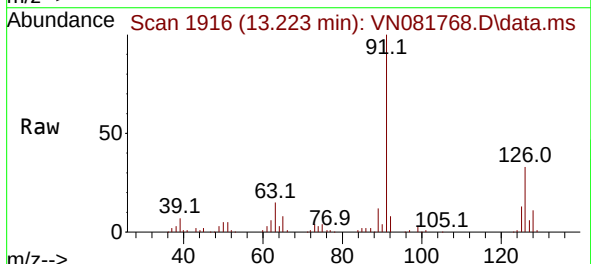
Manual Integrations
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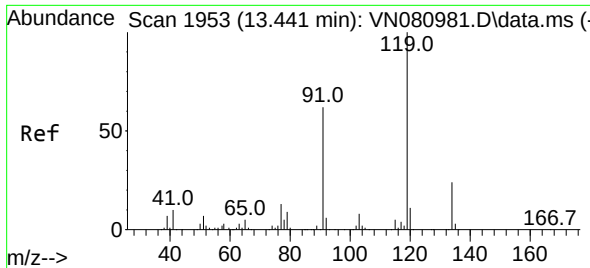
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#78
4-Chlorotoluene
Concen: 20.113 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

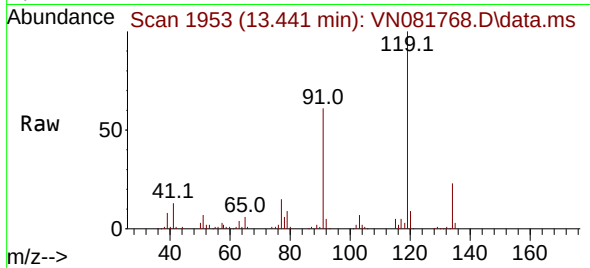
Tgt Ion: 91 Resp: 151704
Ion Ratio Lower Upper
91 100
126 33.4 0.0 62.8





#79
tert-butylbenzene
Concen: 19.416 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

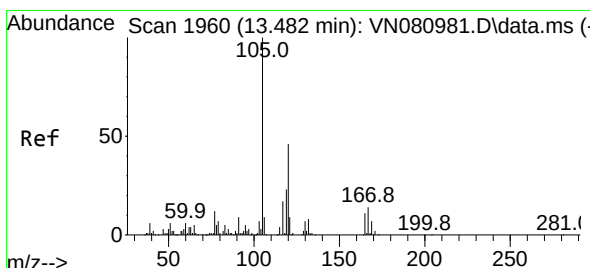
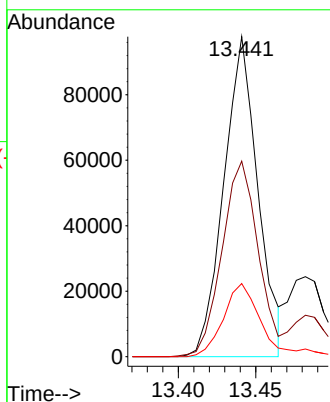
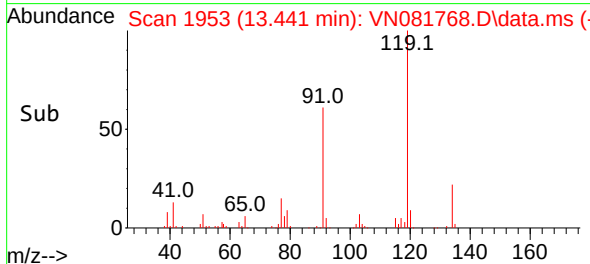
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



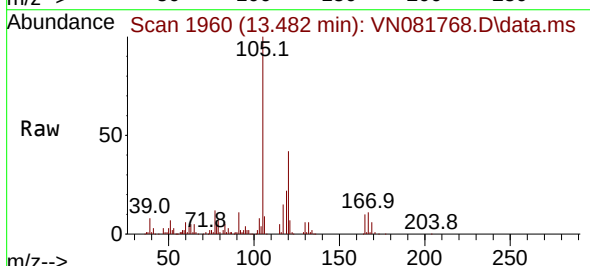
Tgt Ion:119 Resp: 14950
Ion Ratio Lower Upper
119 100
91 64.9 0.0 138.8
134 24.4 0.0 48.6

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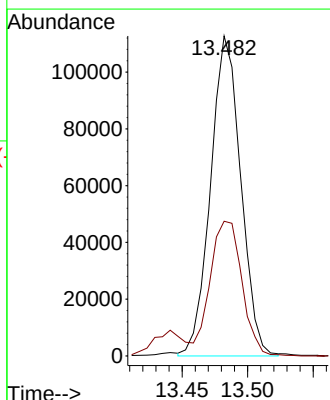
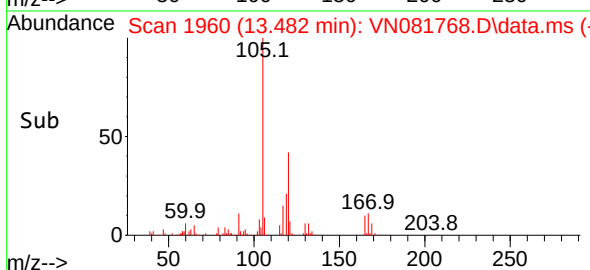
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

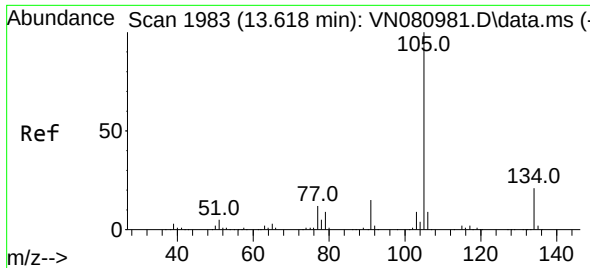


#80
1,2,4-Trimethylbenzene
Concen: 20.012 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



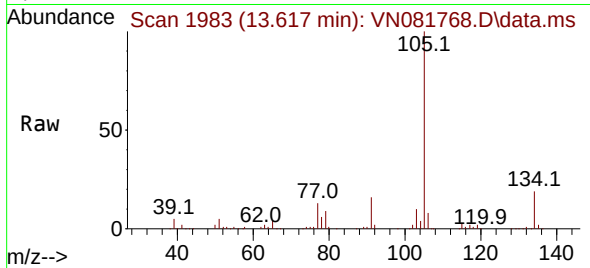
Tgt Ion:105 Resp: 180631
Ion Ratio Lower Upper
105 100
120 44.1 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 20.102 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

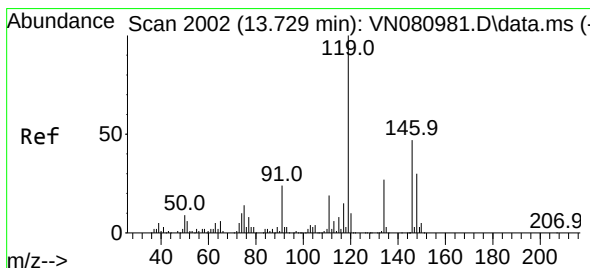
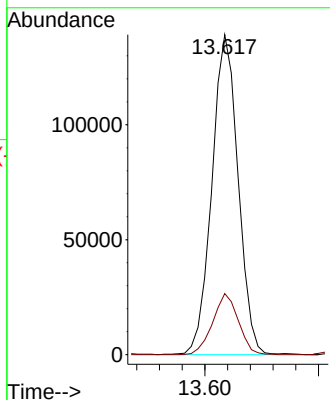
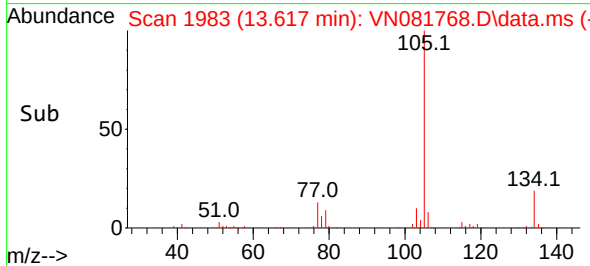
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01



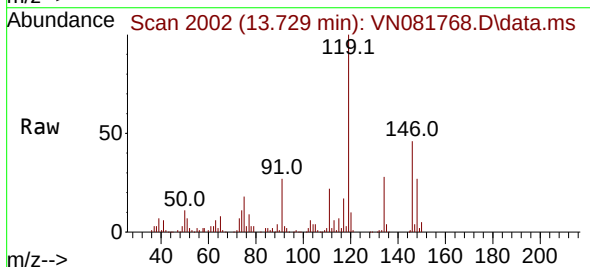
Tgt Ion:105 Resp: 22322
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 39.0

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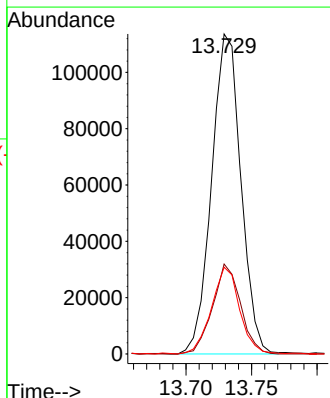
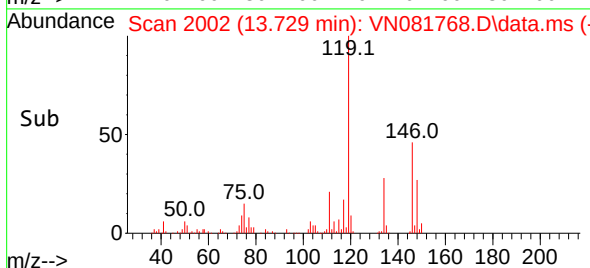
Reviewed By :John Carlone 04/18/2024
 Supervised By :Mahesh Dadoda 04/18/2024

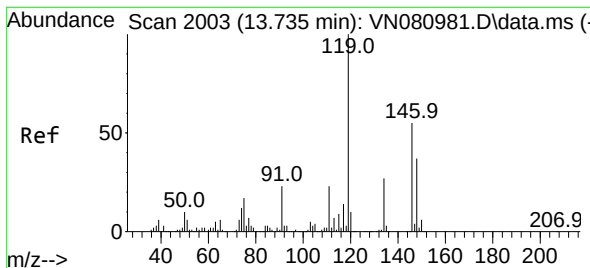


#82
 p-Isopropyltoluene
 Concen: 18.959 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06



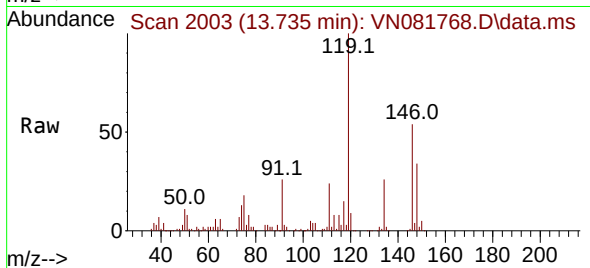
Tgt Ion:119 Resp: 176573
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 49.2
 91 26.1 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 20.231 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

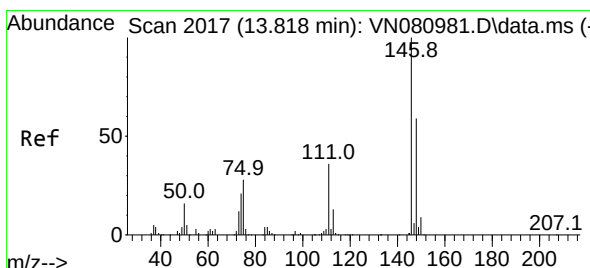
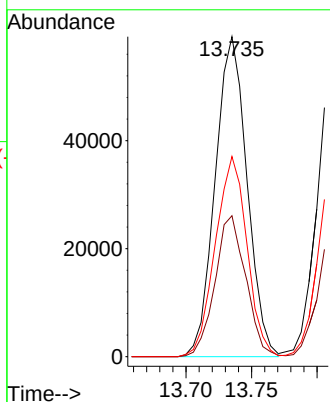
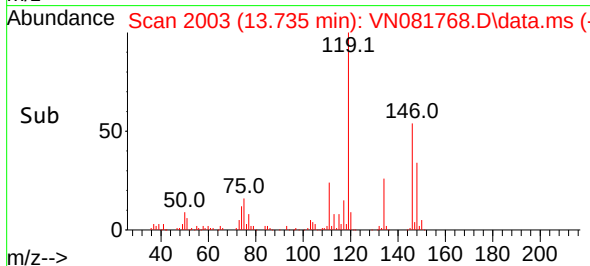
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



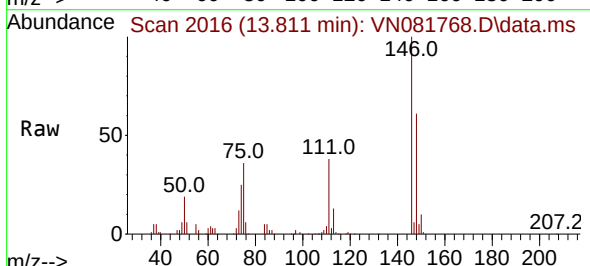
Tgt Ion:146 Resp: 99904
Ion Ratio Lower Upper
146 100
111 42.7 22.4 67.0
148 62.2 32.1 96.5

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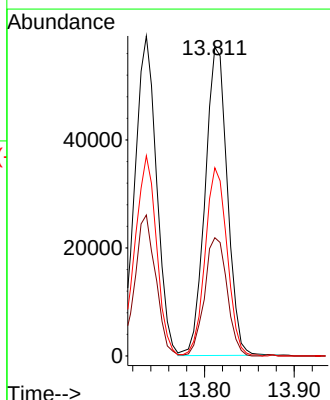
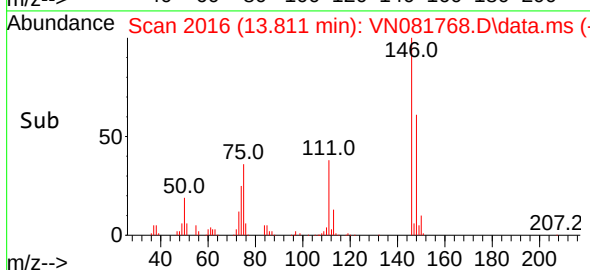
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

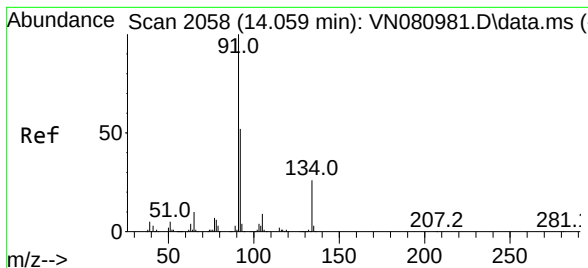


#84
1,4-Dichlorobenzene
Concen: 20.462 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



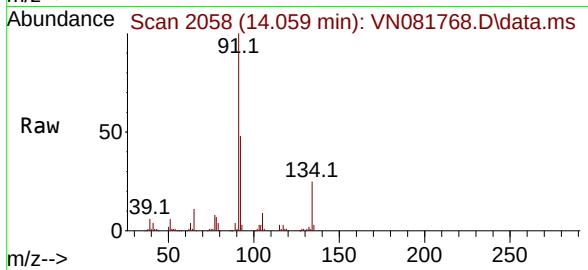
Tgt Ion:146 Resp: 97809
Ion Ratio Lower Upper
146 100
111 39.0 21.3 63.9
148 60.6 31.9 95.5





#85
n-Butylbenzene
Concen: 19.295 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

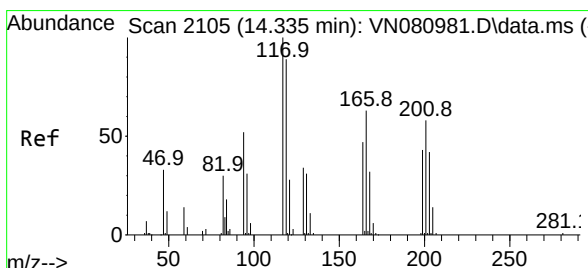
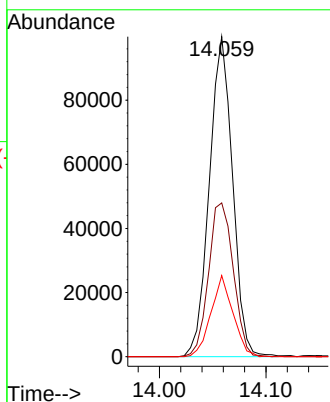
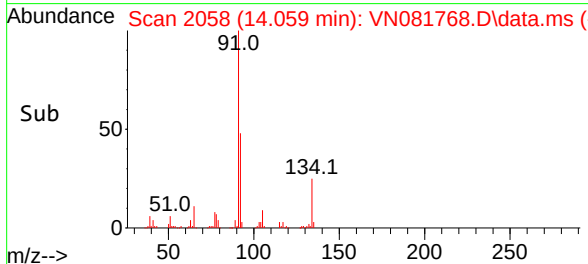
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion: 91 Resp: 15136
Ion Ratio Lower Upper
91 100
92 51.2 0.0 105.0
134 24.1 0.0 51.8

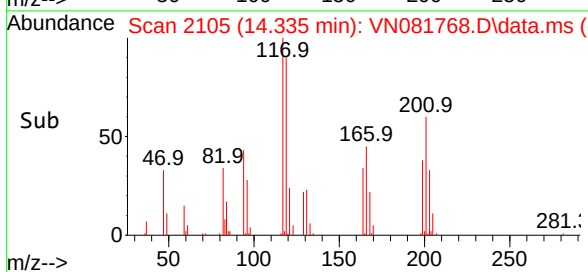
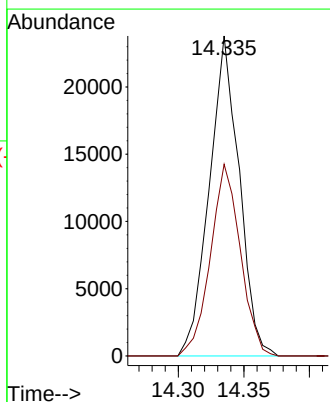
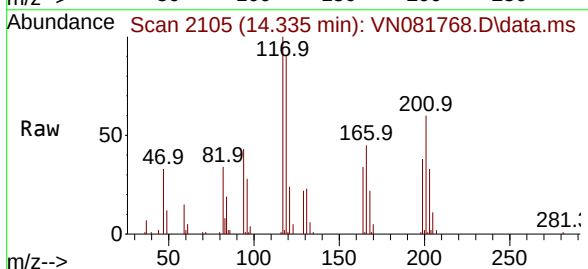
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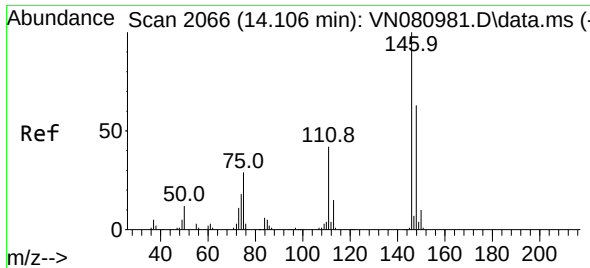
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#86
Hexachloroethane
Concen: 21.178 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion:117 Resp: 37680
Ion Ratio Lower Upper
117 100
201 60.0 38.0 114.0





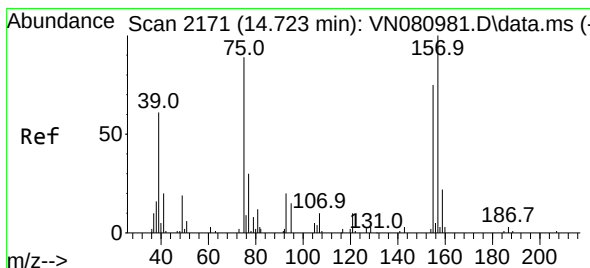
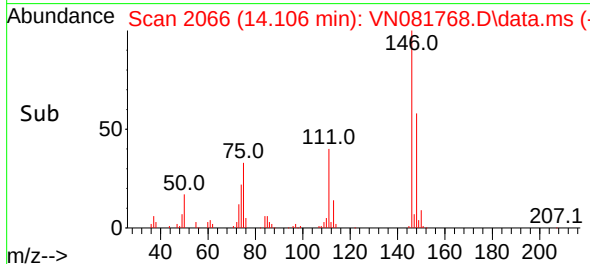
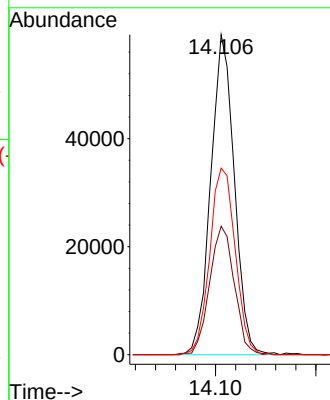
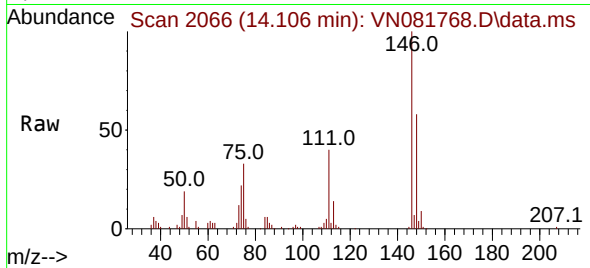
#87
 1,2-Dichlorobenzene
 Concen: 20.605 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS01

Tgt Ion:146 Resp: 9685
 Ion Ratio Lower Upper
 146 100
 111 41.9 22.6 67.8
 148 63.0 31.3 93.8

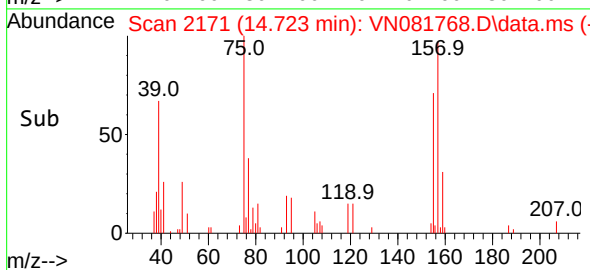
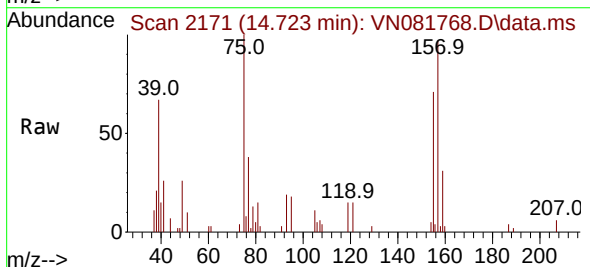
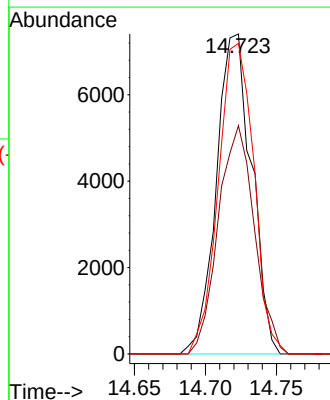
Manual Integrations
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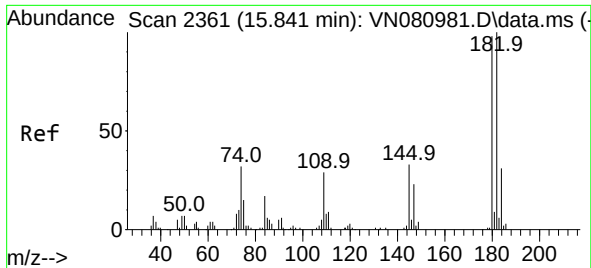
Reviewed By :John Carlone 04/18/2024
 Supervised By :Mahesh Dadoda 04/18/2024



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.039 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN081768.D
 Acq: 17 Apr 2024 12:06

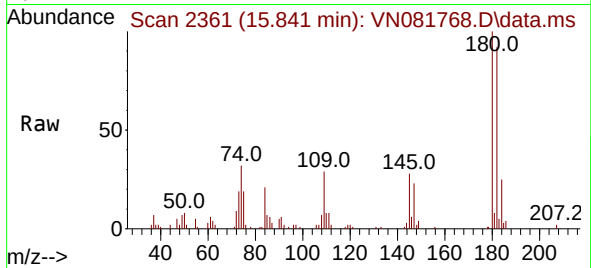
Tgt Ion: 75 Resp: 12776
 Ion Ratio Lower Upper
 75 100
 155 73.0 61.7 92.5
 157 97.7 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 19.429 ug/l m
RT: 15.841 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

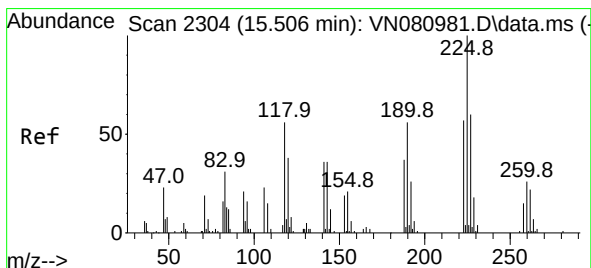
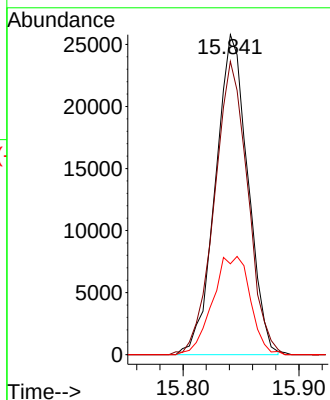
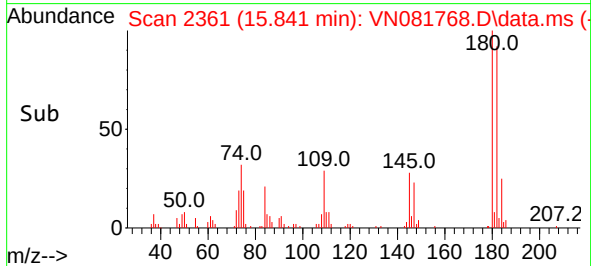
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



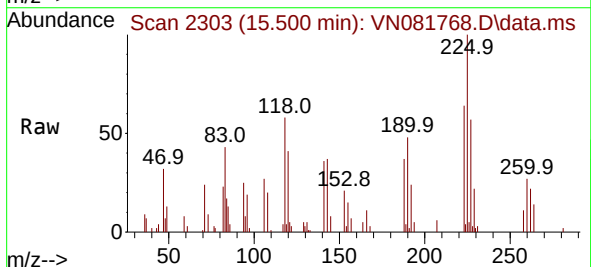
Tgt Ion:180 Resp: 5005
Ion Ratio Lower Upper
180 100
182 93.3 76.4 114.6
145 31.3 28.4 42.6

Manual Integrations
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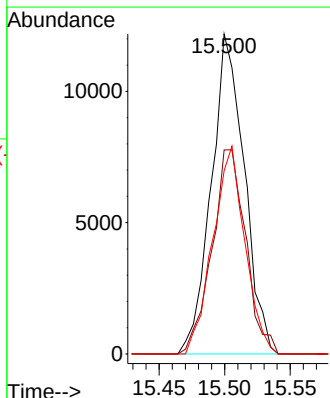
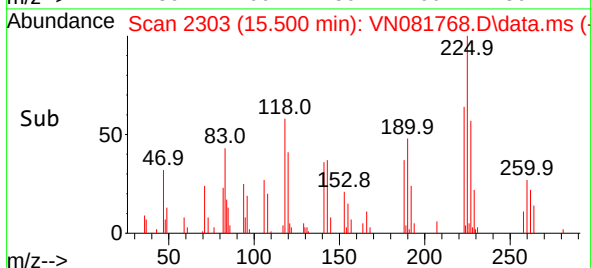
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

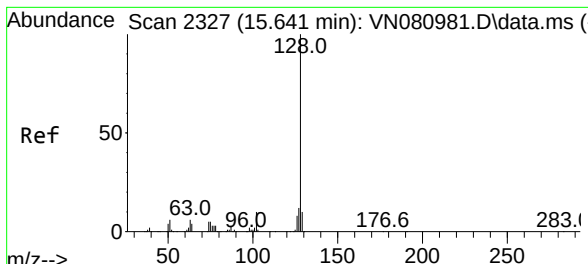


#90
Hexachlorobutadiene
Concen: 20.643 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06



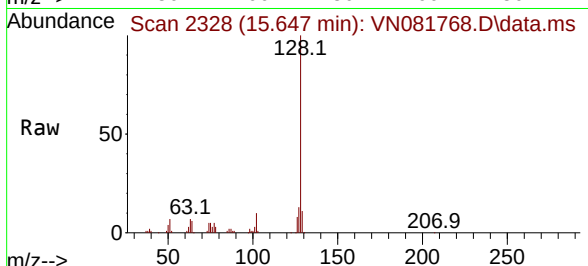
Tgt Ion:225 Resp: 21313
Ion Ratio Lower Upper
225 100
223 65.4 0.0 126.6
227 63.1 0.0 126.6





#91
Naphthalene
Concen: 17.324 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

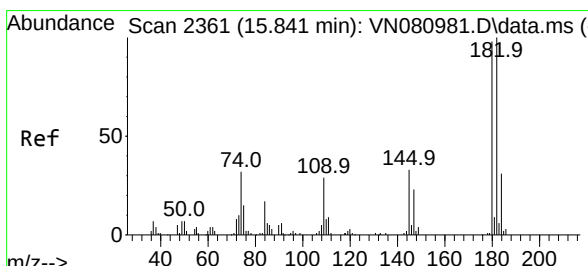
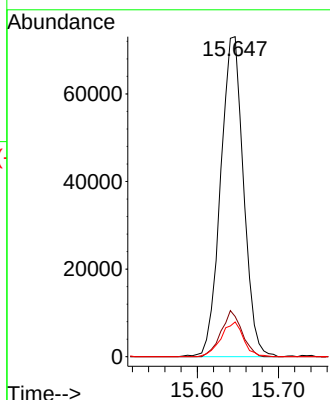
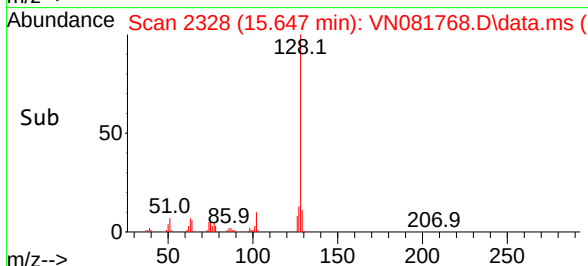
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS01



Tgt Ion:128 Resp: 14349
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.7 8.6 13.0

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Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.452 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN081768.D
Acq: 17 Apr 2024 12:06

Tgt Ion:180 Resp: 50116
Ion Ratio Lower Upper
180 100
182 94.2 0.0 191.0
145 19.6 0.0 71.0

