

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081843.D
 Acq On : 25 Apr 2024 11:19
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 26 04:57:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 04:43:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	233936	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	441990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	375588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	80624	20.420	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.840%	#	
35) Dibromofluoromethane	8.165	113	53482	20.097	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.200%	#	
50) Toluene-d8	10.565	98	216936	20.756	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.520%	#	
62) 4-Bromofluorobenzene	12.847	95	83954	20.320	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	40.640%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	60957	18.562	ug/l	94
3) Chloromethane	2.359	50	65310	19.064	ug/l	95
4) Vinyl Chloride	2.512	62	62605	20.188	ug/l	99
5) Bromomethane	2.947	94	31656	21.041	ug/l	84
6) Chloroethane	3.112	64	29628	18.903	ug/l	# 88
7) Trichlorofluoromethane	3.500	101	98173	20.465	ug/l	98
8) Diethyl Ether	3.953	74	42104	20.662	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	55887	20.066	ug/l	95
10) Methyl Iodide	4.589	142	48669	19.951	ug/l	99
11) Tert butyl alcohol	5.512	59	72829	101.468	ug/l	# 89
12) 1,1-Dichloroethene	4.341	96	61849	21.829	ug/l	94
13) Acrolein	4.177	56	54873	93.417	ug/l	97
14) Allyl chloride	5.018	41	118304	19.739	ug/l	# 85
15) Acrylonitrile	5.718	53	173693	100.779	ug/l	98
16) Acetone	4.424	43	122463	101.676	ug/l	99
17) Carbon Disulfide	4.706	76	172010	20.198	ug/l	99
18) Methyl Acetate	5.018	43	79310	19.832	ug/l	# 89
19) Methyl tert-butyl Ether	5.794	73	220543	20.628	ug/l	95
20) Methylene Chloride	5.283	84	67387	19.916	ug/l	# 81
21) trans-1,2-Dichloroethene	5.783	96	60698	19.648	ug/l	# 84
22) Diisopropyl ether	6.671	45	240581	20.744	ug/l	# 91
23) Vinyl Acetate	6.600	43	966429	102.560	ug/l	94
24) 1,1-Dichloroethane	6.565	63	125493	20.790	ug/l	97
25) 2-Butanone	7.482	43	223686	99.819	ug/l	# 86
26) 2,2-Dichloropropane	7.488	77	113295	20.403	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	73709	20.418	ug/l	83
28) Bromochloromethane	7.818	49	55997	19.518	ug/l	# 76
29) Tetrahydrofuran	7.835	42	161838	100.709	ug/l	87
30) Chloroform	7.965	83	118790	19.854	ug/l	99
31) Cyclohexane	8.253	56	114394	19.233	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	108521	20.338	ug/l	# 90
36) 1,1-Dichloropropene	8.371	75	89532	20.680	ug/l	97
37) Ethyl Acetate	7.559	43	99773	21.315	ug/l	98
38) Carbon Tetrachloride	8.365	117	88899	21.010	ug/l	96
39) Methylcyclohexane	9.600	83	108433	20.623	ug/l	88
40) Benzene	8.606	78	278842	21.455	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	57796	19.350	ug/l	91
42) 1,2-Dichloroethane	8.671	62	97556	20.215	ug/l	100
43) Isopropyl Acetate	8.688	43	177493	20.166	ug/l	94
44) Trichloroethene	9.353	130	62182	20.752	ug/l	95
45) 1,2-Dichloropropane	9.623	63	69606	20.464	ug/l	93
46) Dibromomethane	9.712	93	45977	19.557	ug/l	92
47) Bromodichloromethane	9.888	83	98374	19.842	ug/l #	98
48) Methyl methacrylate	9.682	41	84456	20.100	ug/l #	87
49) 1,4-Dioxane	9.700	88	25831	404.479	ug/l #	70
51) 4-Methyl-2-Pentanone	10.441	43	502042	101.325	ug/l	93
52) Toluene	10.629	92	162293	20.852	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	112417	20.838	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	117091	21.059	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	59697	19.503	ug/l	94
56) Ethyl methacrylate	10.876	69	119597	20.519	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	114725	21.082	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	273162	102.877	ug/l	92
59) 2-Hexanone	11.194	43	382275	103.672	ug/l	94
60) Dibromochloromethane	11.359	129	68253	21.052	ug/l	99
61) 1,2-Dibromoethane	11.470	107	61684	21.073	ug/l	97
64) Tetrachloroethene	11.106	164	56690	20.782	ug/l	96
65) Chlorobenzene	11.894	112	165182	20.139	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	57928	21.731	ug/l	97
67) Ethyl Benzene	11.965	91	311078	20.394	ug/l	99
68) m/p-Xylenes	12.070	106	233894	42.988	ug/l	92
69) o-Xylene	12.400	106	114482	21.552	ug/l	88
70) Styrene	12.412	104	195776	21.305	ug/l	93
71) Bromoform	12.576	173	43540	20.776	ug/l #	91
73) Isopropylbenzene	12.694	105	292370	20.840	ug/l	98
74) N-amyl acetate	12.494	43	158937	20.348	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	83508	19.821	ug/l	94
76) 1,2,3-Trichloropropane	13.000	75	81202m	19.806	ug/l	
77) Bromobenzene	12.982	156	59120	20.137	ug/l	62
78) n-propylbenzene	13.035	91	353075	20.719	ug/l	95
79) 2-Chlorotoluene	13.123	91	216950	20.010	ug/l	92
80) 1,3,5-Trimethylbenzene	13.170	105	244032	20.555	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	38978	19.522	ug/l #	81
82) 4-Chlorotoluene	13.223	91	218659	20.773	ug/l	91
83) tert-Butylbenzene	13.441	119	203454	20.579	ug/l	90
84) 1,2,4-Trimethylbenzene	13.482	105	245612	20.717	ug/l	94
85) sec-Butylbenzene	13.617	105	287999	20.680	ug/l	97
86) p-Isopropyltoluene	13.729	119	237584	21.247	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	112348	20.509	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	114158	21.162	ug/l	95
89) n-Butylbenzene	14.059	91	212039	20.372	ug/l	97
90) Hexachloroethane	14.335	117	46525	21.151	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	106070	20.199	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20508	19.994	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	61068	20.786	ug/l	99
94) Hexachlorobutadiene	15.500	225	22649	20.916	ug/l	93
95) Naphthalene	15.641	128	231472	20.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	59769	21.189	ug/l	95

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

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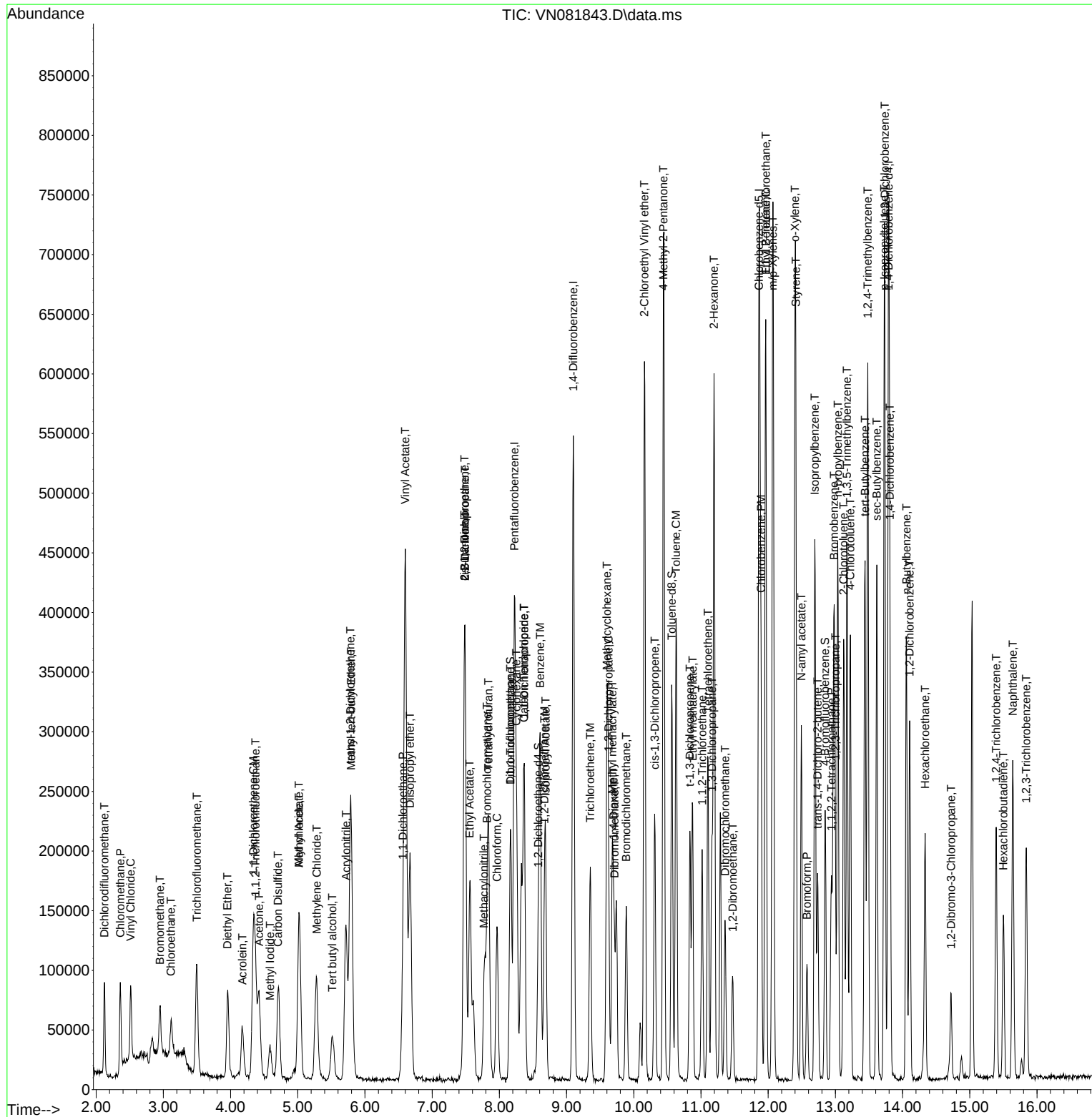
Quant Time: Apr 26 04:57:31 2024

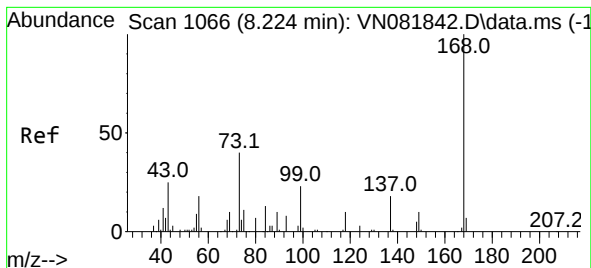
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Quant Title : SW846 8260

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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VSTDICC020

Tgt Ion:168 Resp: 233930

Ion Ratio Lower Upper

168 100

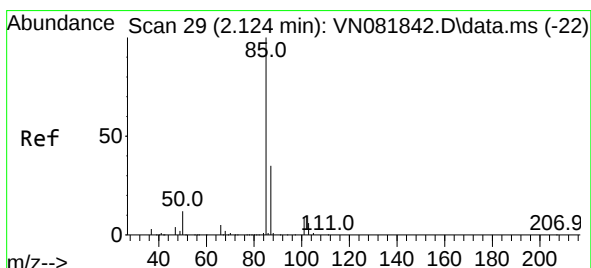
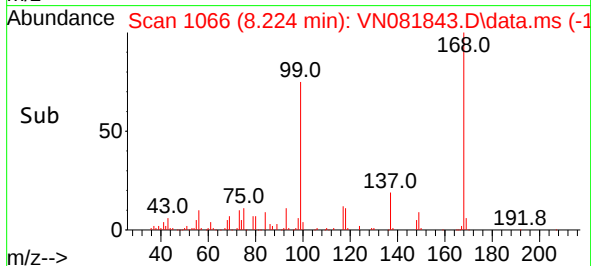
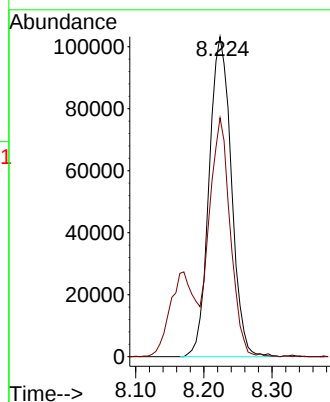
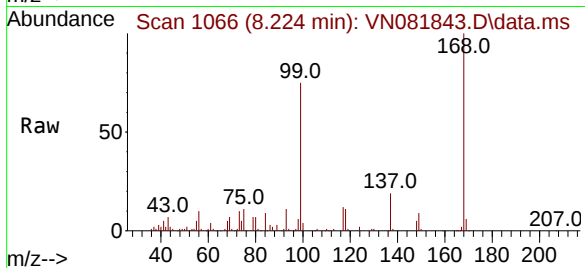
99 74.7 48.2 72.4

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#2

Dichlorodifluoromethane

Concen: 18.562 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081843.D

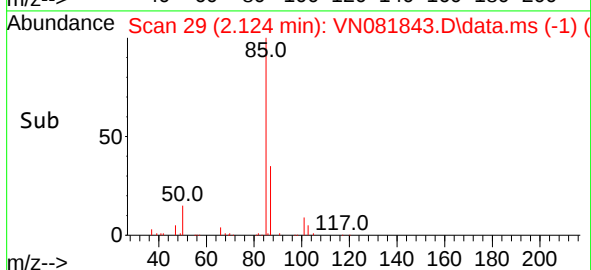
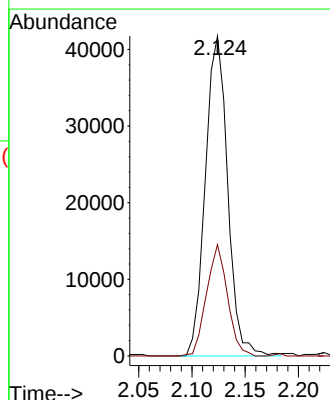
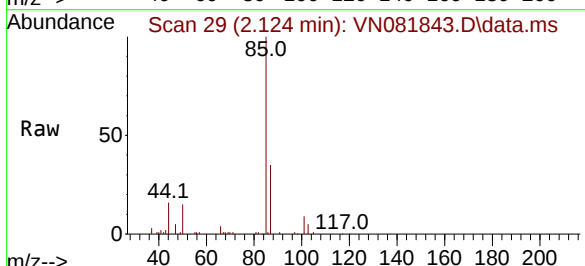
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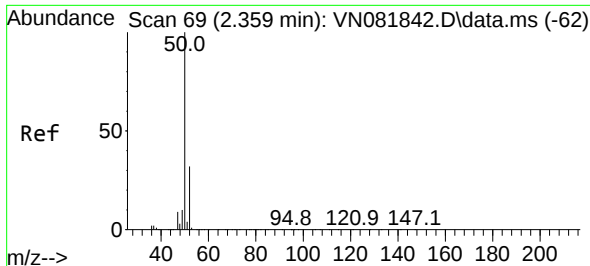
Tgt Ion: 85 Resp: 60957

Ion Ratio Lower Upper

85 100

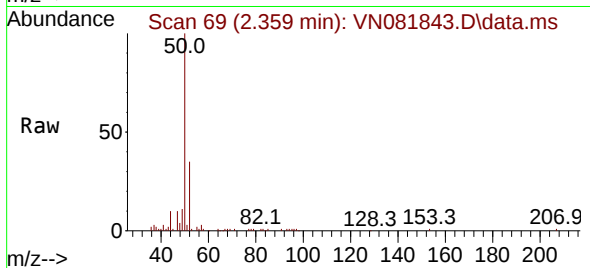
87 34.8 15.8 47.4





#3
Chloromethane
Concen: 19.064 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
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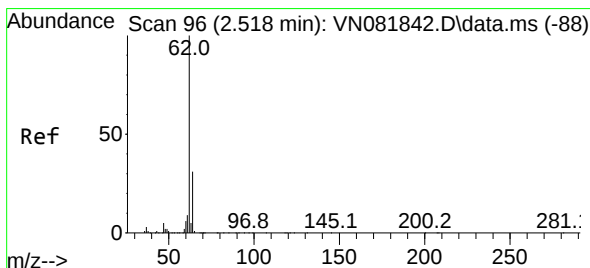
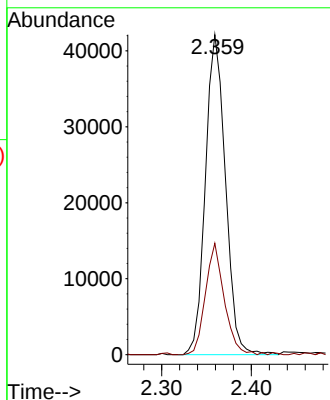
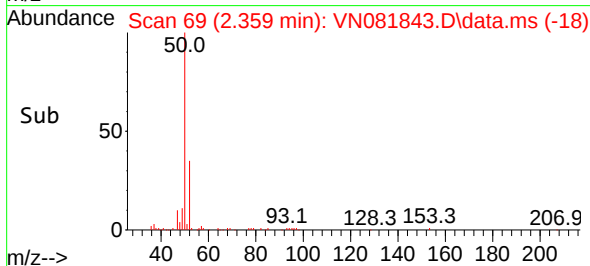
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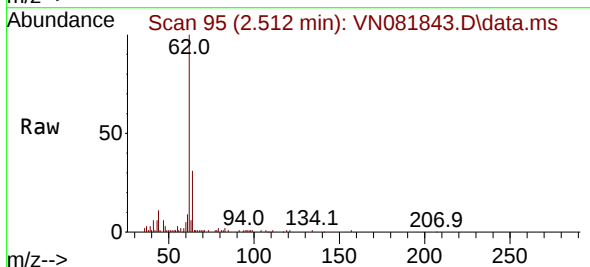
Tgt Ion: 50 Resp: 65310
Ion Ratio Lower Upper
50 100
52 34.8 25.5 38.3

Manual Integrations
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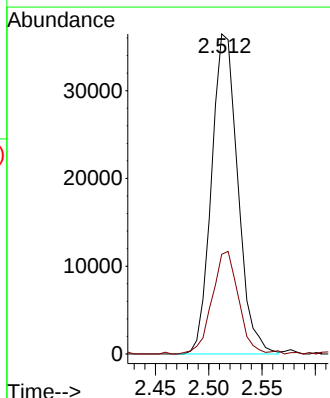
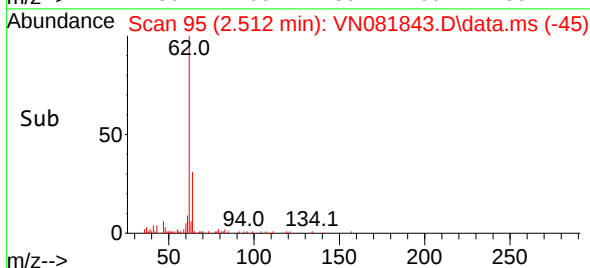
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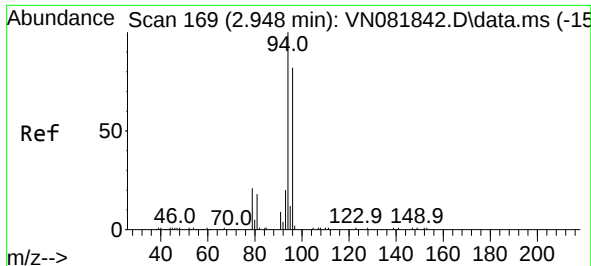


#4
Vinyl Chloride
Concen: 20.188 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
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Tgt Ion: 62 Resp: 62605
Ion Ratio Lower Upper
62 100
64 31.2 24.6 37.0





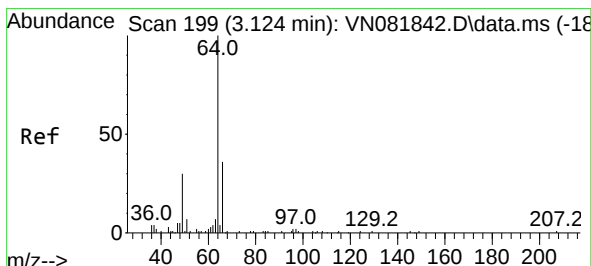
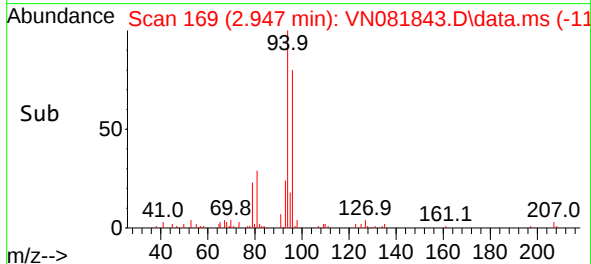
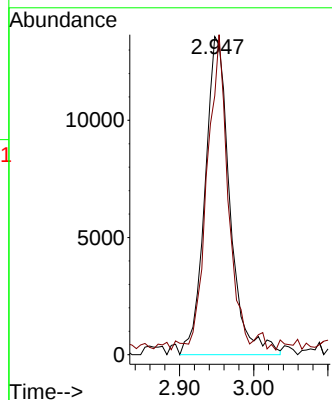
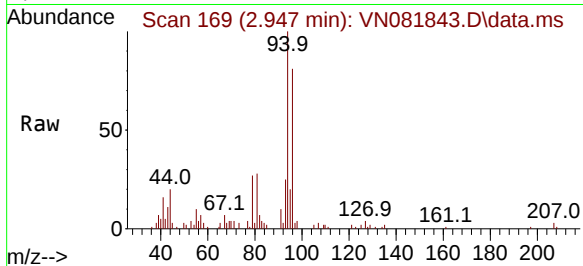
#5
Bromomethane
Concen: 21.041 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN081843.D
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Tgt Ion: 94 Resp: 31650
Ion Ratio Lower Upper
94 100
96 77.9 74.8 112.2

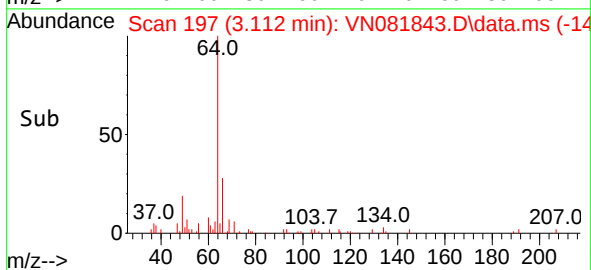
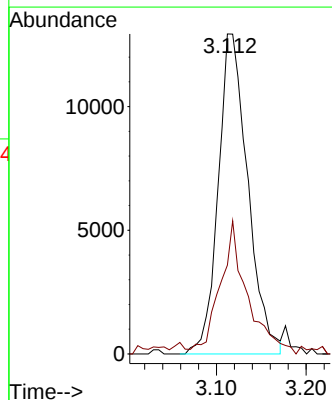
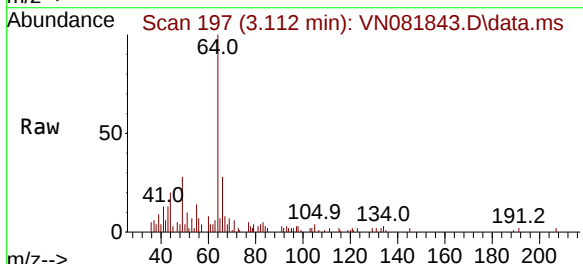
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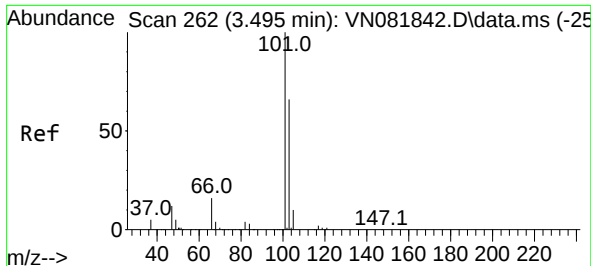
Reviewed By :John Carlone 04/26/2024
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#6
Chloroethane
Concen: 18.903 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Tgt Ion: 64 Resp: 29628
Ion Ratio Lower Upper
64 100
66 24.4 24.7 37.1#





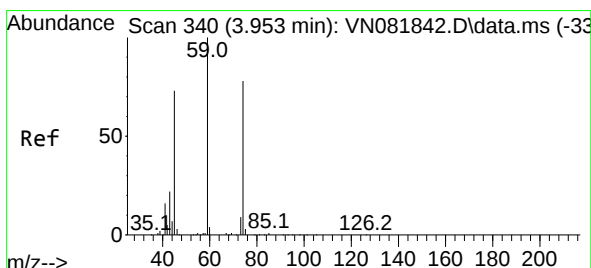
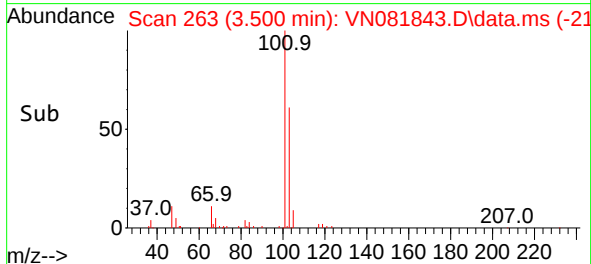
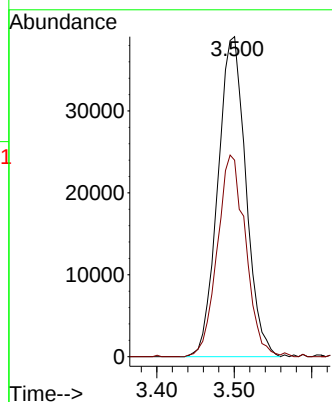
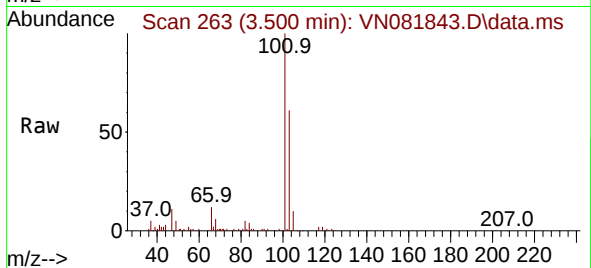
#7
 Trichlorofluoromethane
 Concen: 20.465 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN081843.D
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Tgt Ion:101 Resp: 9817
 Ion Ratio Lower Upper
 101 100
 103 61.4 50.6 75.8

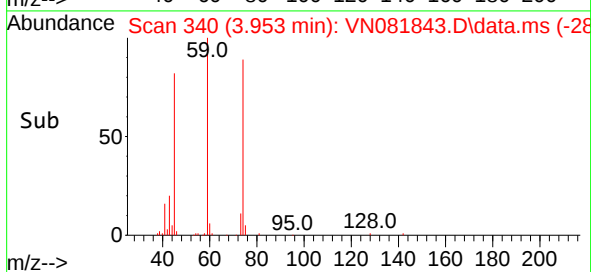
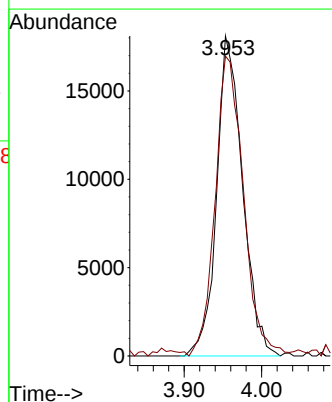
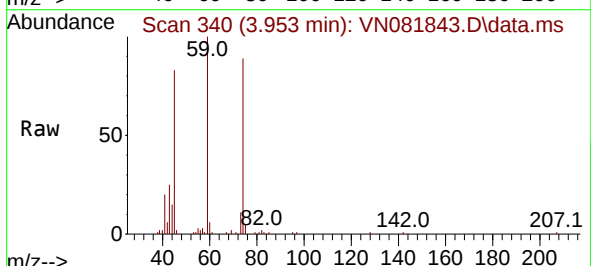
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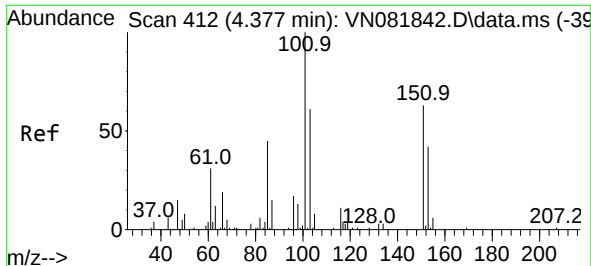
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#8
 Diethyl Ether
 Concen: 20.662 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN081843.D
 Acq: 25 Apr 2024 11:19

Tgt Ion: 74 Resp: 42104
 Ion Ratio Lower Upper
 74 100
 45 102.4 42.4 127.3





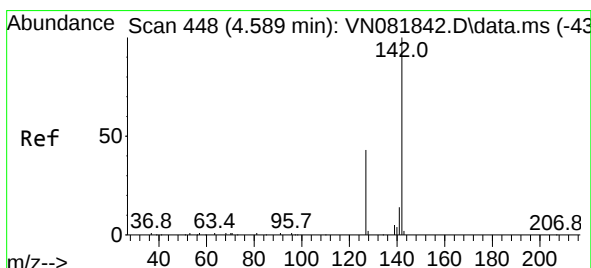
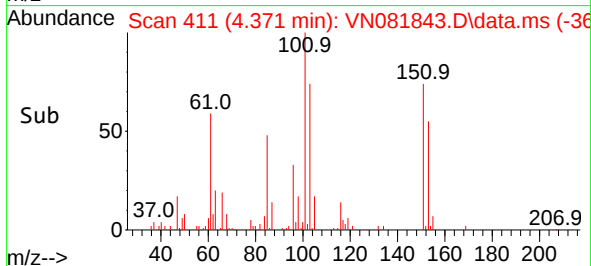
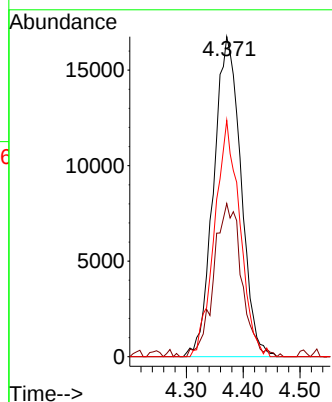
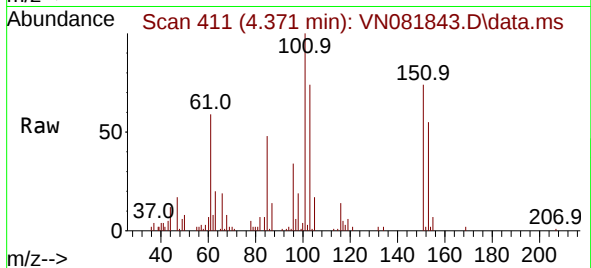
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.066 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 5588
Ion Ratio Lower Upper
101 100
85 49.0 37.3 55.9
151 68.5 59.2 88.8

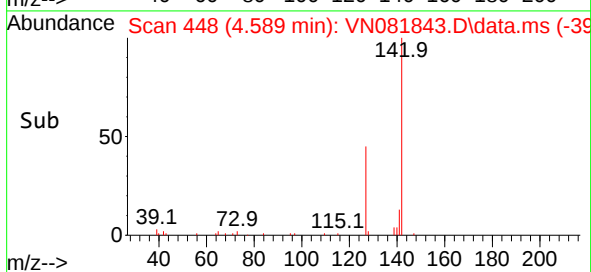
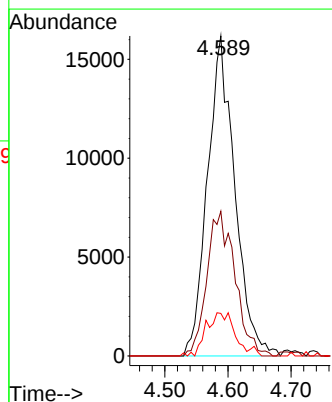
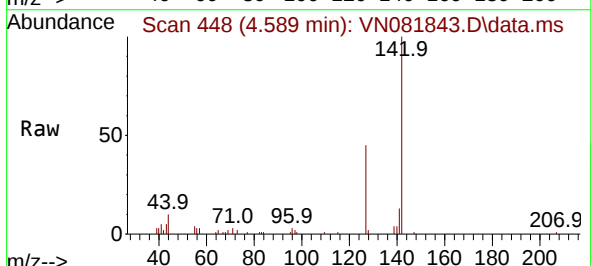
Manual Integrations
APPROVED

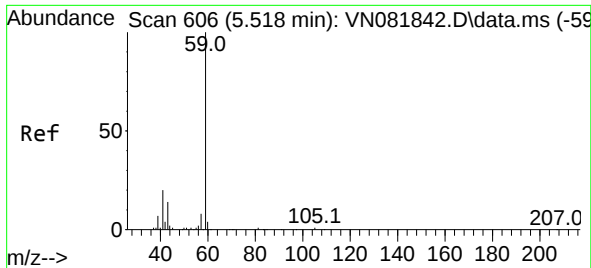
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#10
Methyl Iodide
Concen: 19.951 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

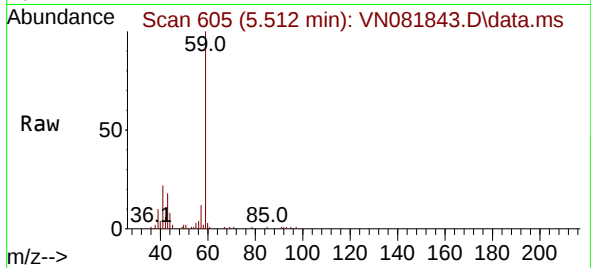
Tgt Ion:142 Resp: 48669
Ion Ratio Lower Upper
142 100
127 45.2 35.8 53.6
141 13.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 101.468 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

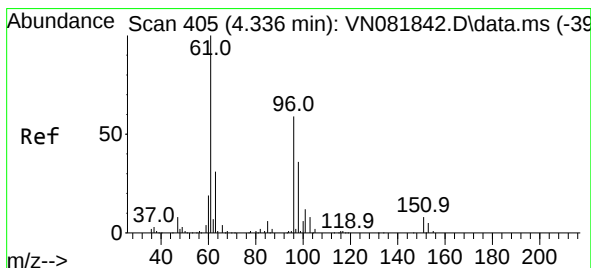
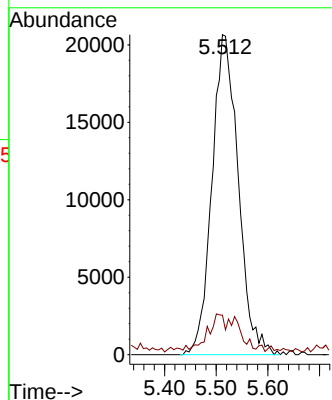
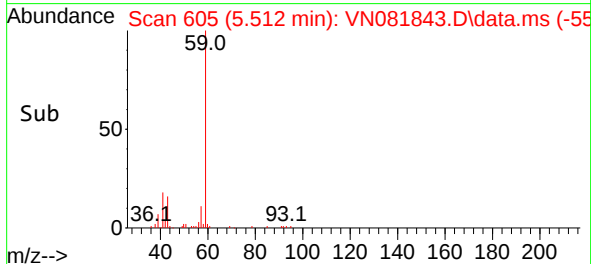
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 59 Resp: 72829
Ion Ratio Lower Upper
59 100
57 7.0 8.9 13.3

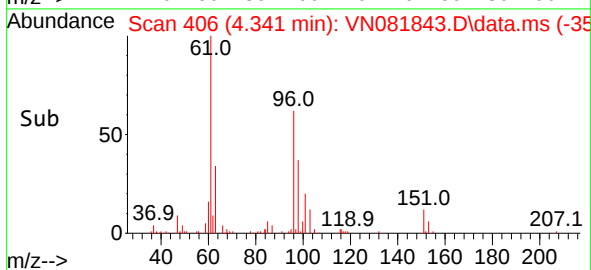
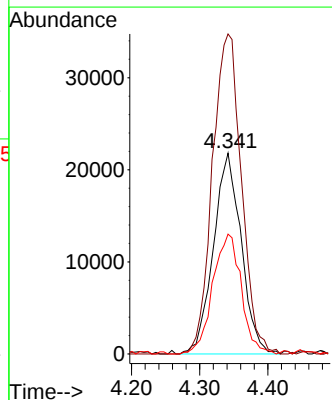
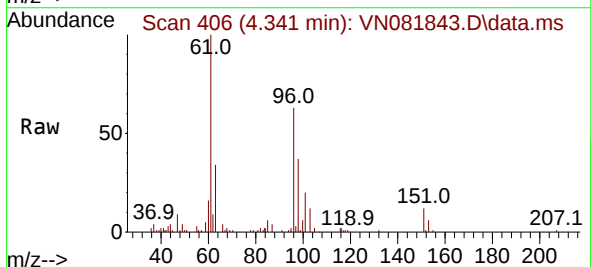
Manual Integrations
APPROVED

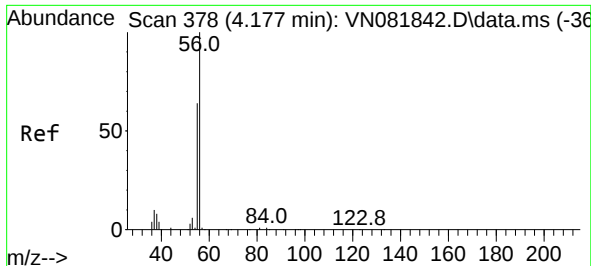
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#12
1,1-Dichloroethene
Concen: 21.829 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Tgt Ion: 96 Resp: 61849
Ion Ratio Lower Upper
96 100
61 159.4 119.7 179.5
98 59.7 49.6 74.4





#13

Acrolein

Concen: 93.417 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 5487

Ion Ratio Lower Upper

56 100

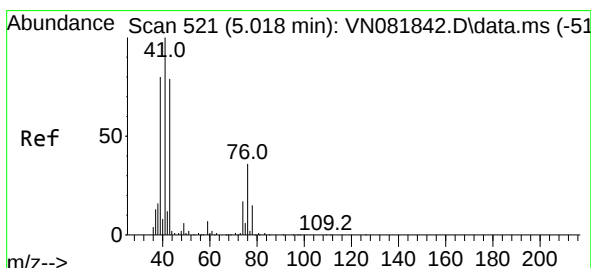
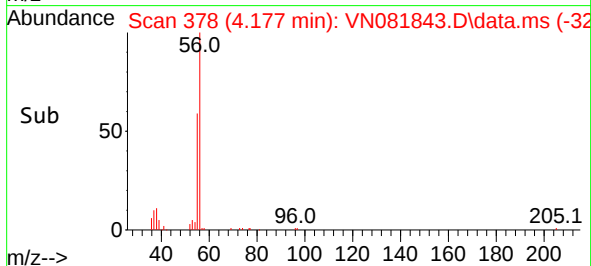
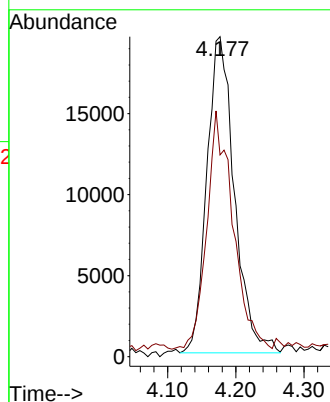
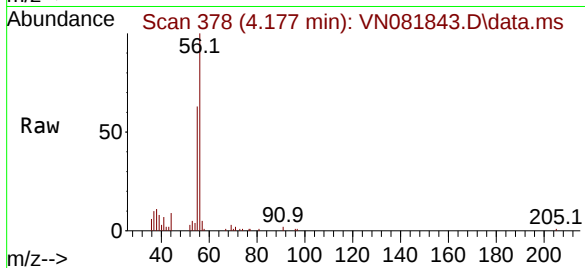
55 71.9 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#14

Allyl chloride

Concen: 19.739 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

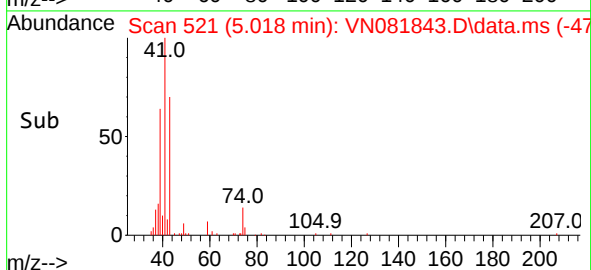
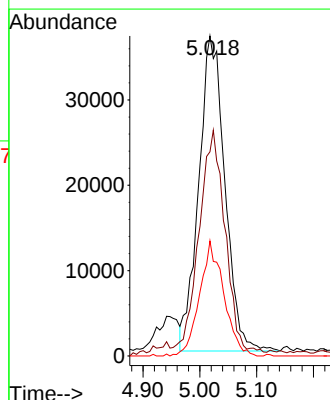
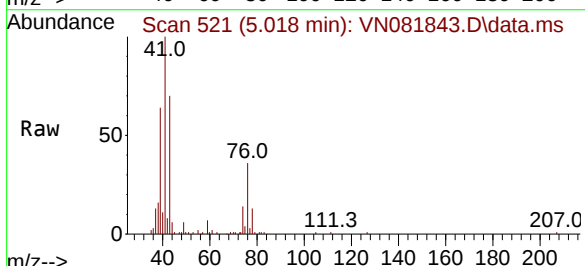
Tgt Ion: 41 Resp: 118304

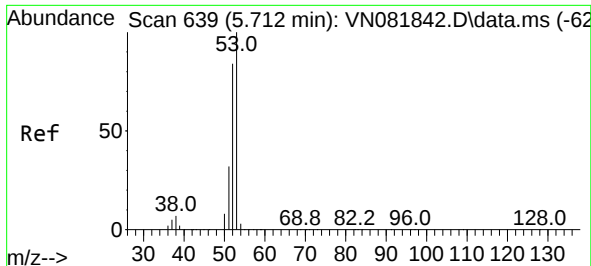
Ion Ratio Lower Upper

41 100

39 70.5 65.4 98.0

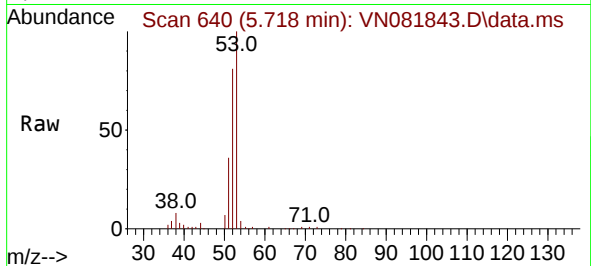
76 33.7 37.3 55.9





#15
Acrylonitrile
Concen: 100.779 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

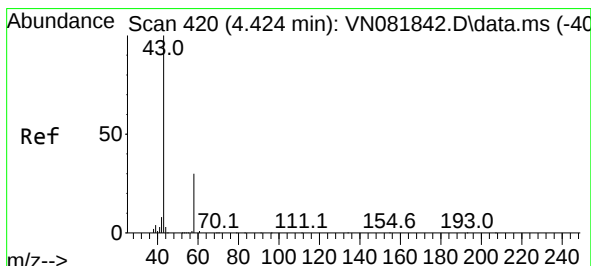
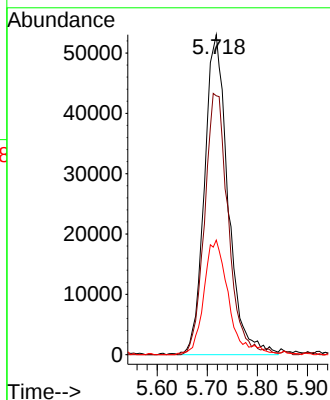
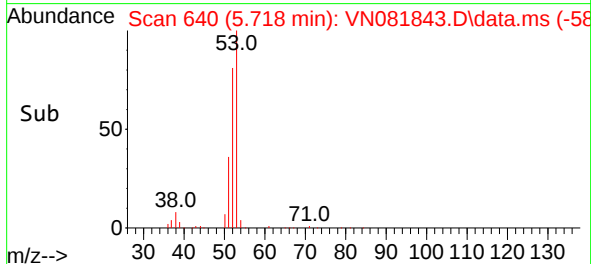
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC020



Tgt Ion: 53 Resp: 17369
Ion Ratio Lower Upper
53 100
52 81.1 66.1 99.1
51 36.1 29.4 44.2

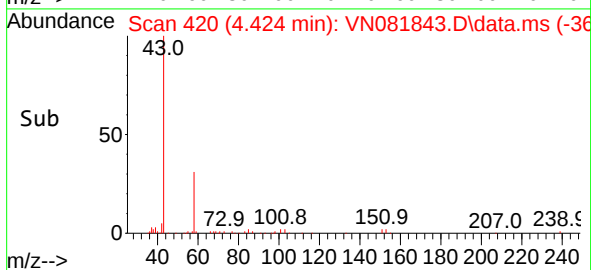
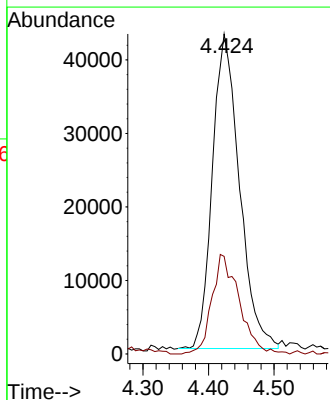
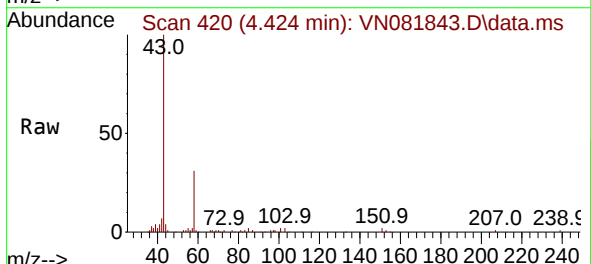
Manual Integrations
APPROVED

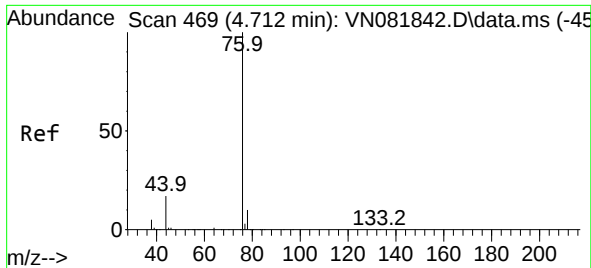
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#16
Acetone
Concen: 101.676 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

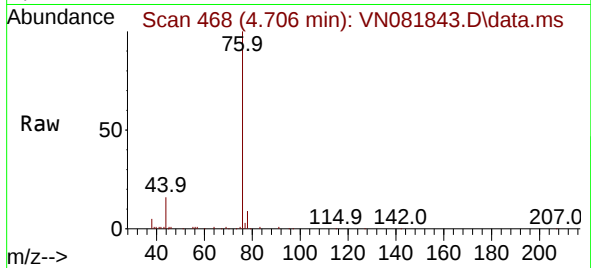
Tgt Ion: 43 Resp: 122463
Ion Ratio Lower Upper
43 100
58 31.1 25.2 37.8





#17
Carbon Disulfide
Concen: 20.198 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

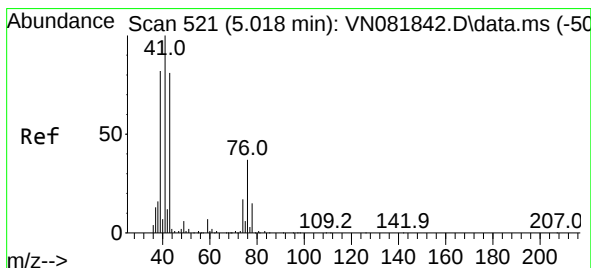
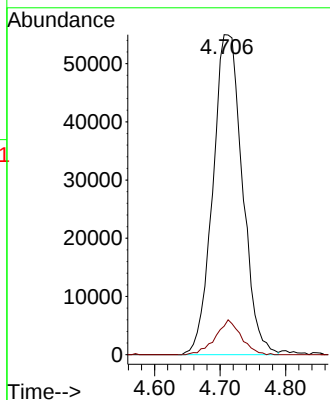
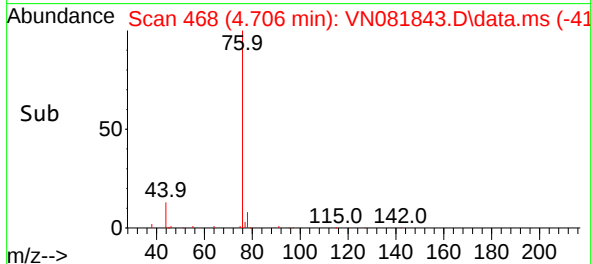
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 172010
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

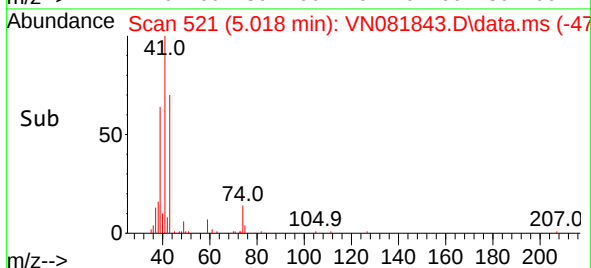
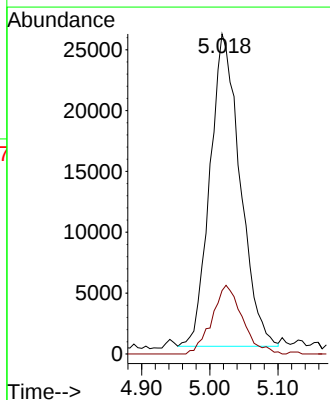
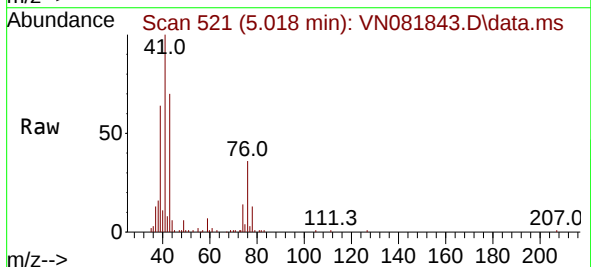
Manual Integrations
APPROVED

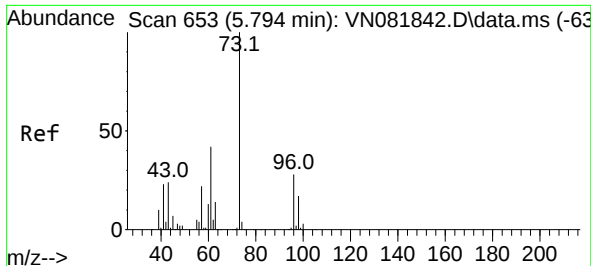
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#18
Methyl Acetate
Concen: 19.832 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

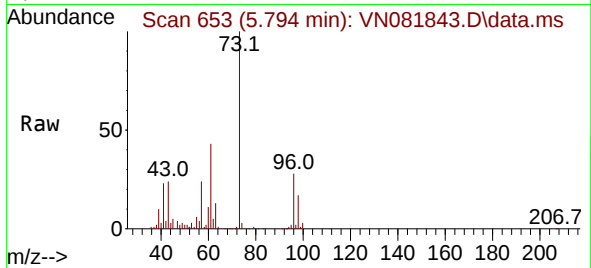
Tgt Ion: 43 Resp: 79310
Ion Ratio Lower Upper
43 100
74 22.0 22.2 33.2#





#19
Methyl tert-butyl Ether
Concen: 20.628 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

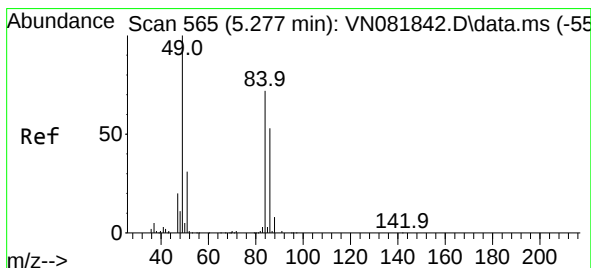
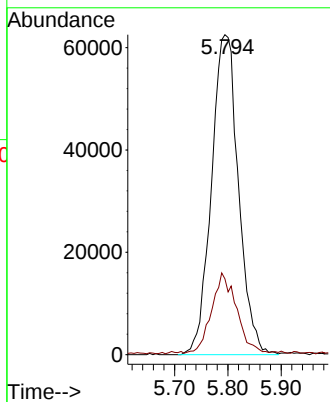
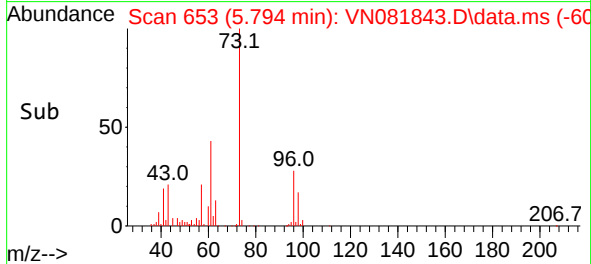
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 22054
Ion Ratio Lower Upper
73 100
57 23.0 16.5 24.7

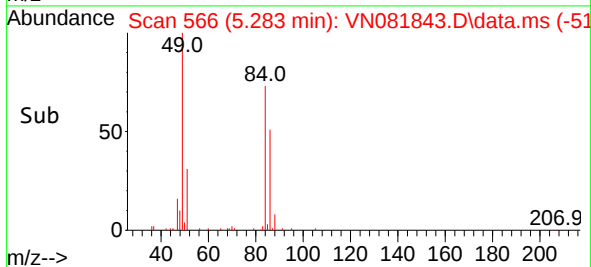
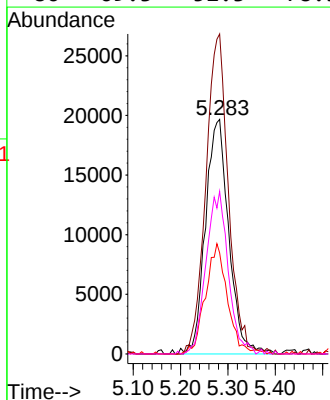
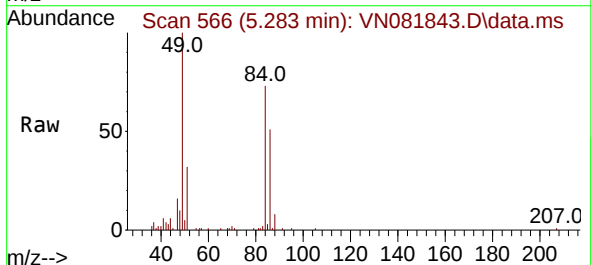
Manual Integrations
APPROVED

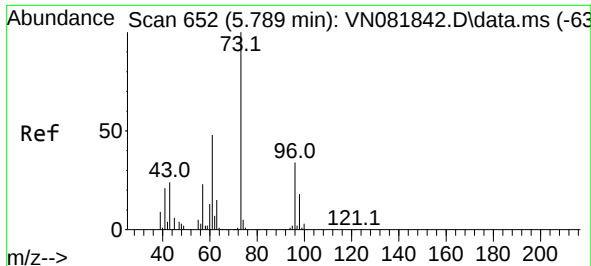
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#20
Methylene Chloride
Concen: 19.916 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

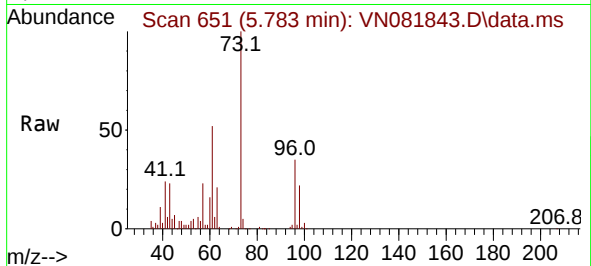
Tgt Ion: 84 Resp: 67387
Ion Ratio Lower Upper
84 100
49 136.5 84.9 127.3#
51 43.1 27.0 40.6#
86 69.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 19.648 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

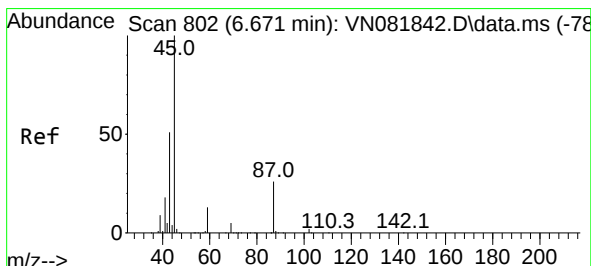
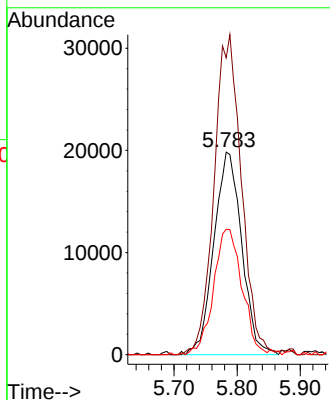
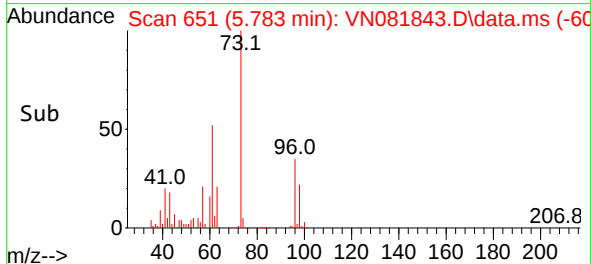
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 60698
Ion Ratio Lower Upper
96 100
61 146.6 96.5 144.7
98 62.0 51.3 76.9

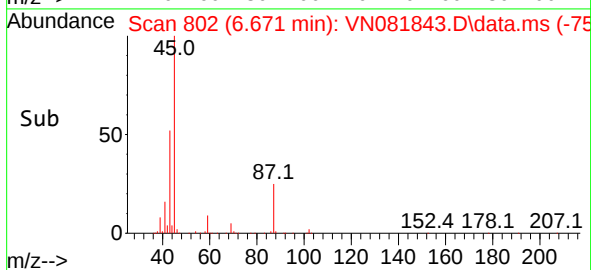
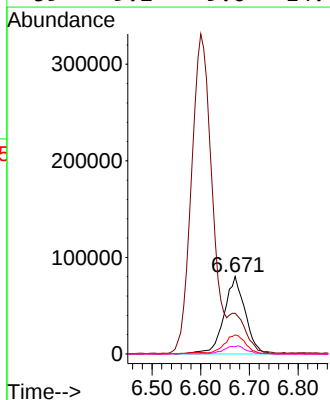
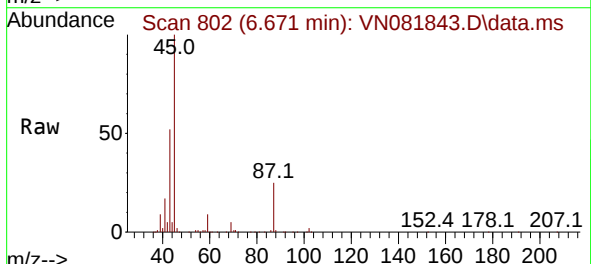
Manual Integrations
APPROVED

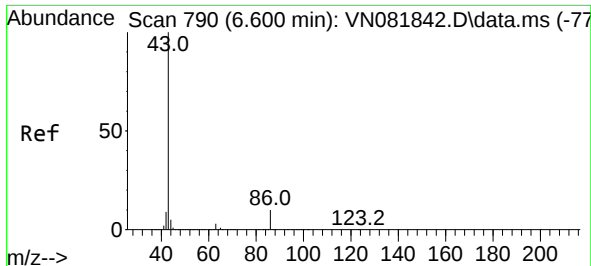
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#22
Diisopropyl ether
Concen: 20.744 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

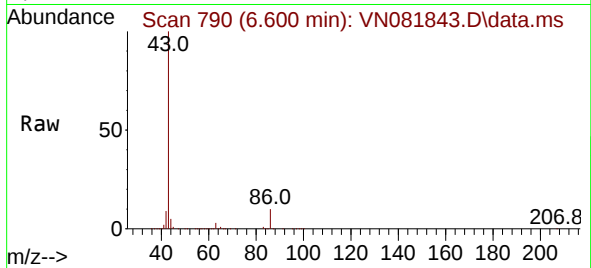
Tgt Ion: 45 Resp: 240581
Ion Ratio Lower Upper
45 100
43 51.2 44.1 66.1
87 24.7 27.0 40.6#
59 9.2 9.6 14.4#





#23
 Vinyl Acetate
 Concen: 102.560 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081843.D
 Acq: 25 Apr 2024 11:19

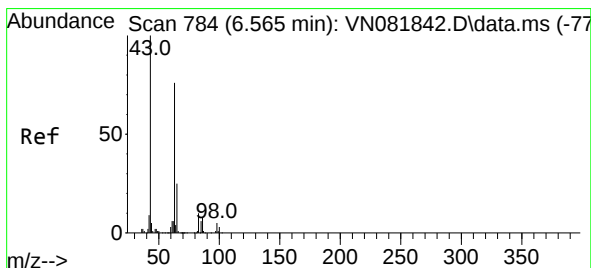
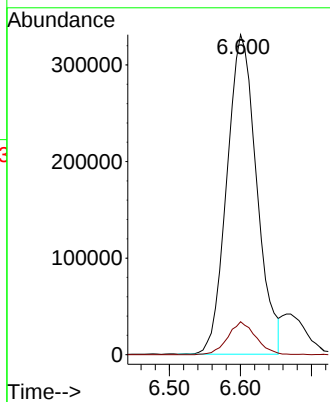
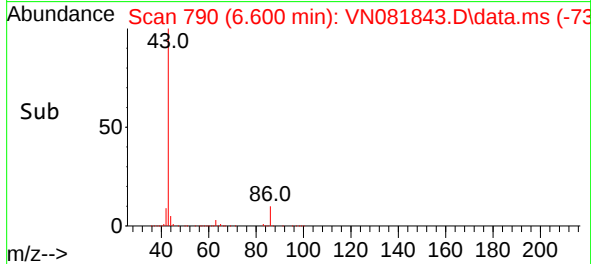
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



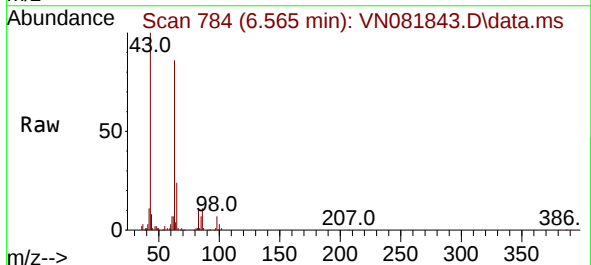
Tgt Ion: 43 Resp: 966429
 Ion Ratio Lower Upper
 43 100
 86 10.3 10.2 15.4

Manual Integrations
 APPROVED

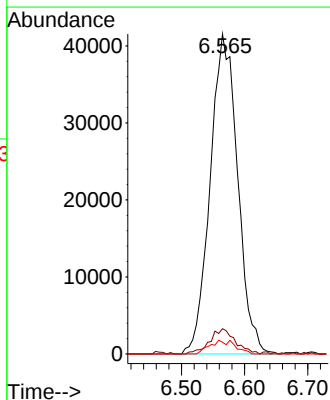
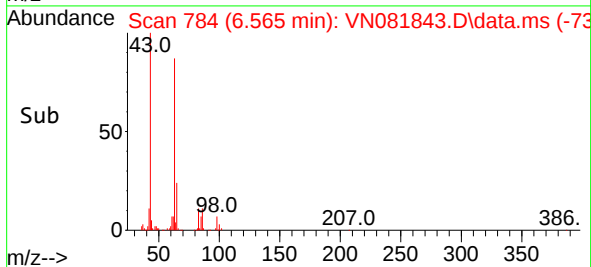
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

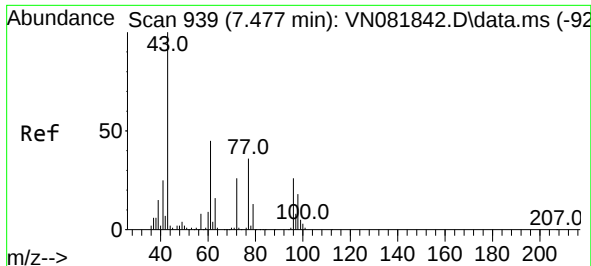


#24
 1,1-Dichloroethane
 Concen: 20.790 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN081843.D
 Acq: 25 Apr 2024 11:19



Tgt Ion: 63 Resp: 125493
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.9
 100 3.6 2.6 7.8





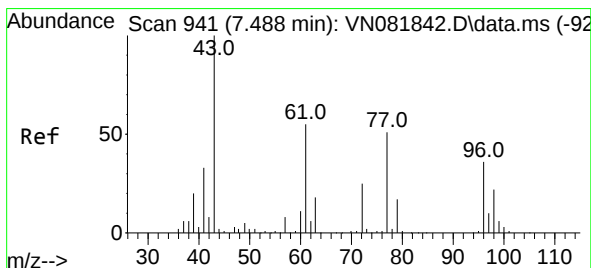
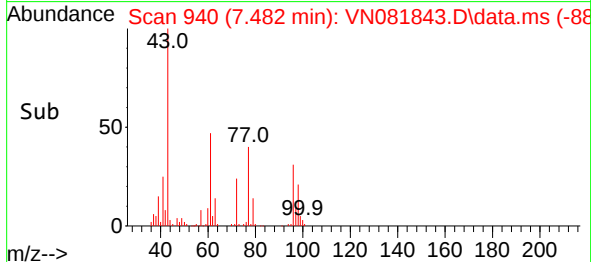
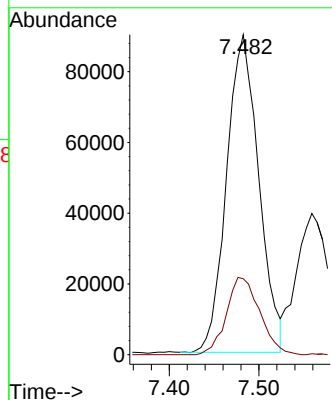
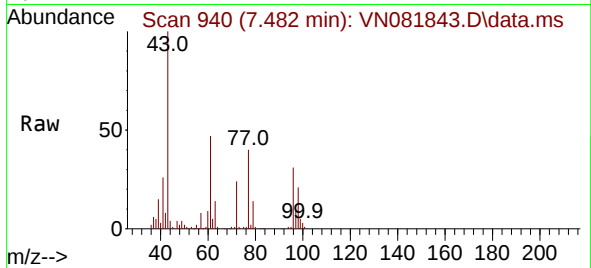
#25
2-Butanone
Concen: 99.819 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 223680
Ion Ratio Lower Upper
43 100
72 23.9 25.3 37.9

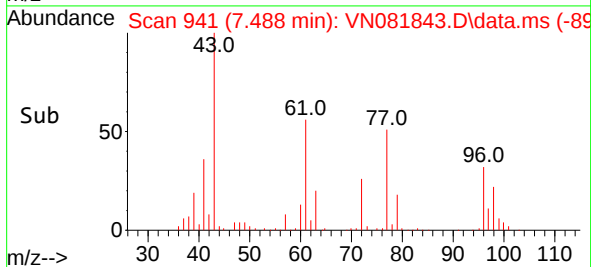
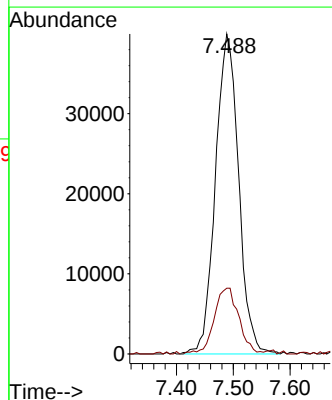
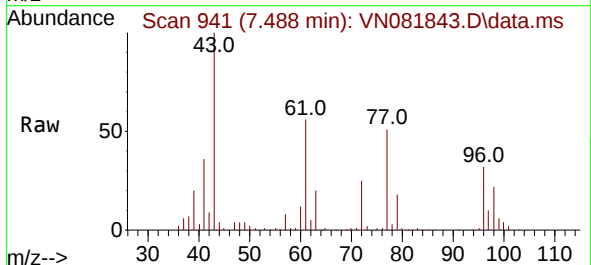
Manual Integrations
APPROVED

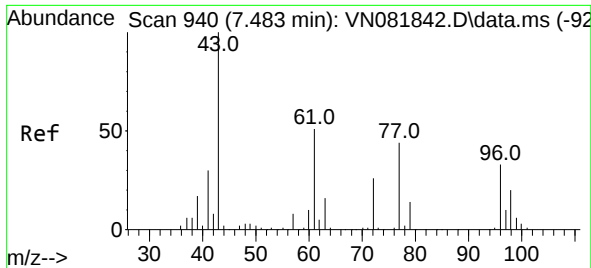
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#26
2,2-Dichloropropane
Concen: 20.403 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Tgt Ion: 77 Resp: 113295
Ion Ratio Lower Upper
77 100
97 21.9 11.3 33.9





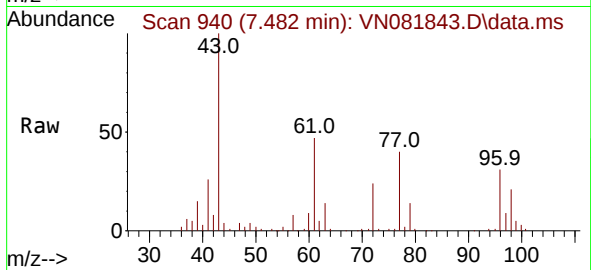
#27
 cis-1,2-Dichloroethene
 Concen: 20.418 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN081843.D
 Acq: 25 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020



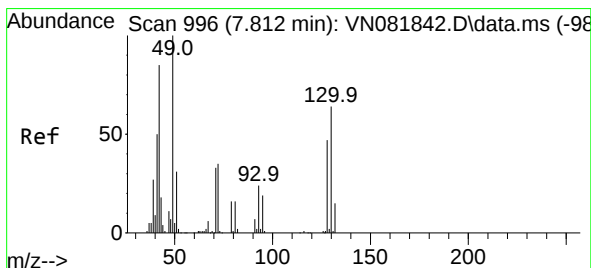
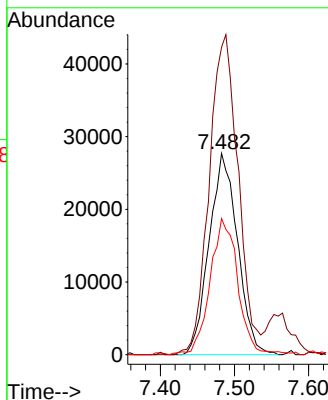
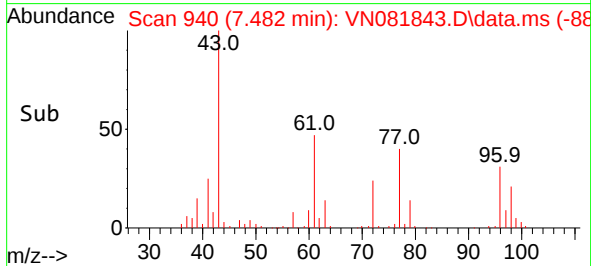
Tgt Ion: 96 Resp: 73709
 Ion Ratio Lower Upper
 96 100
 61 161.8 0.0 268.0
 98 66.4 0.0 126.8

Manual Integrations

APPROVED

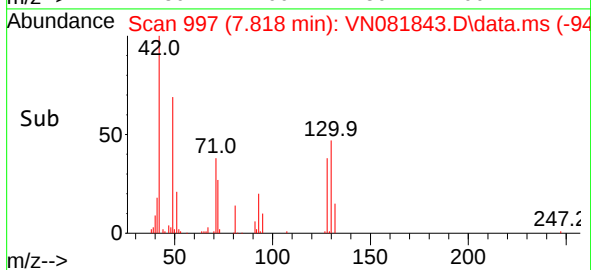
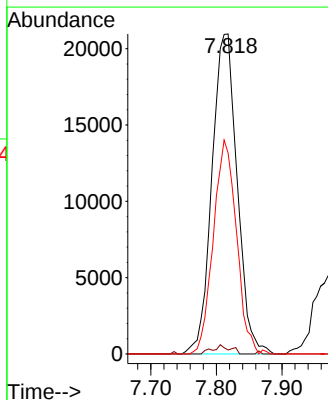
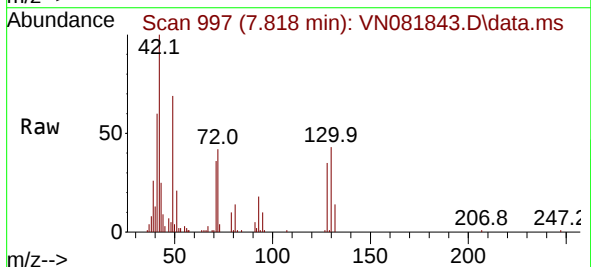
Reviewed By :John Carlone 04/26/2024

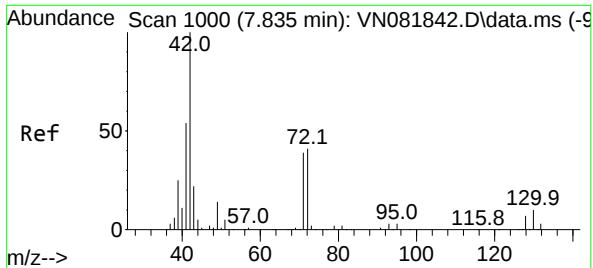
Supervised By :Mahesh Dadoda 04/26/2024



#28
 Bromochloromethane
 Concen: 19.518 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081843.D
 Acq: 25 Apr 2024 11:19

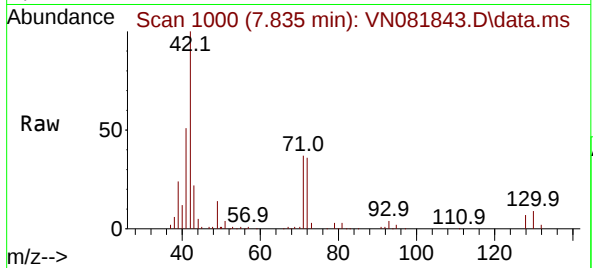
Tgt Ion: 49 Resp: 55997
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 61.2 66.7 100.1#





#29
Tetrahydrofuran
Concen: 100.709 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

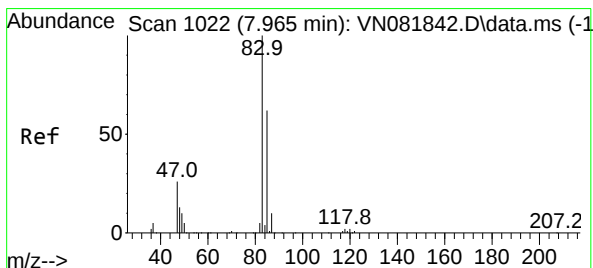
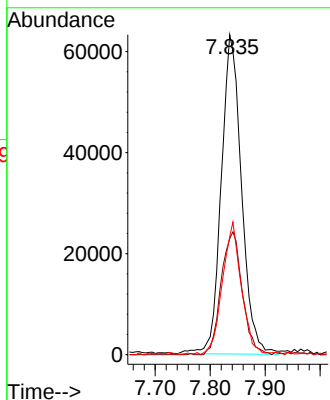
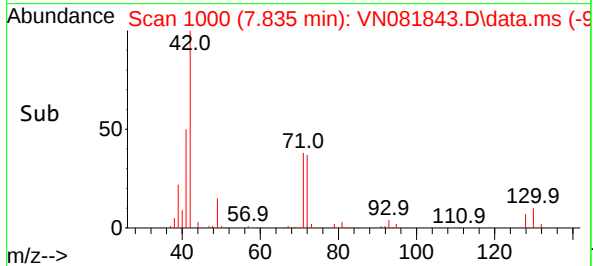
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



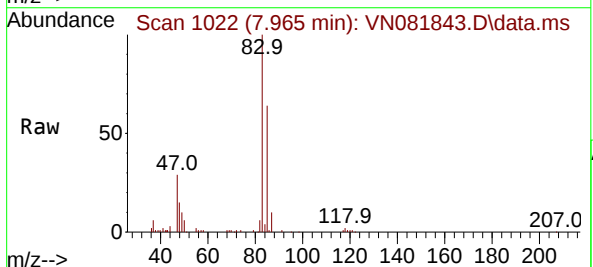
Tgt Ion: 42 Resp: 161838
Ion Ratio Lower Upper
42 100
72 40.1 39.3 58.9
71 37.9 37.4 56.0

Manual Integrations
APPROVED

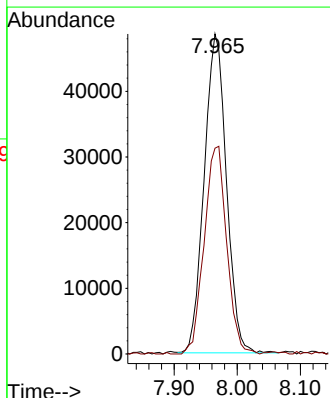
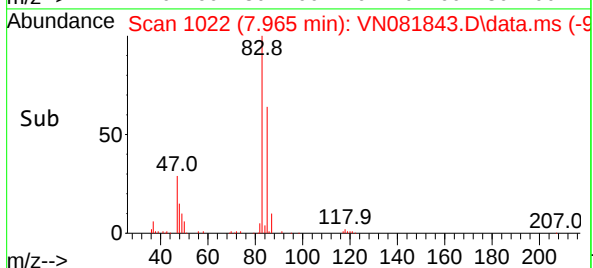
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

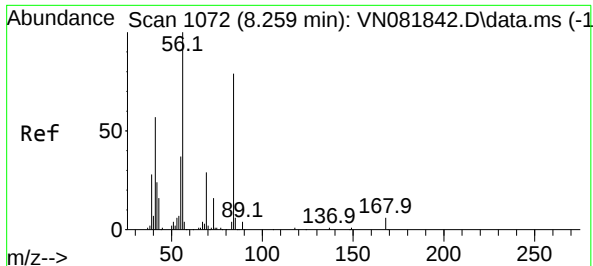


#30
Chloroform
Concen: 19.854 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19



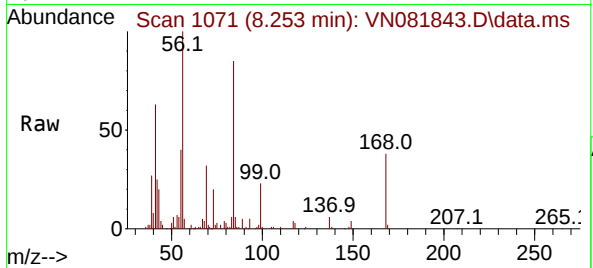
Tgt Ion: 83 Resp: 118790
Ion Ratio Lower Upper
83 100
85 64.5 50.7 76.1





#31
Cyclohexane
Concen: 19.233 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

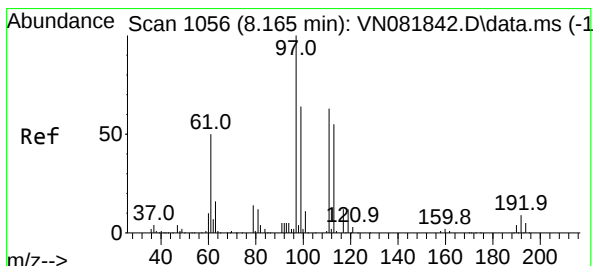
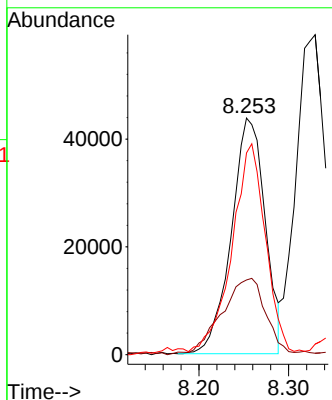
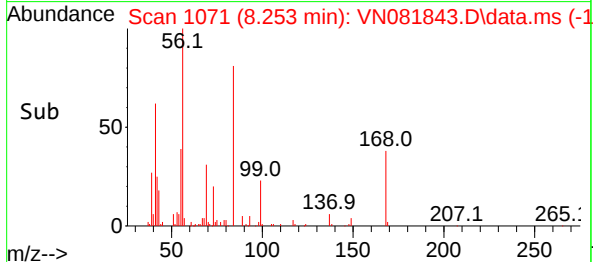
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



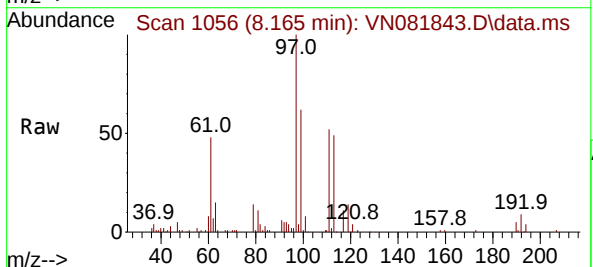
Tgt Ion: 56 Resp: 114394
Ion Ratio Lower Upper
56 100
69 30.6 24.4 36.6
84 83.1 77.0 115.4

Manual Integrations
APPROVED

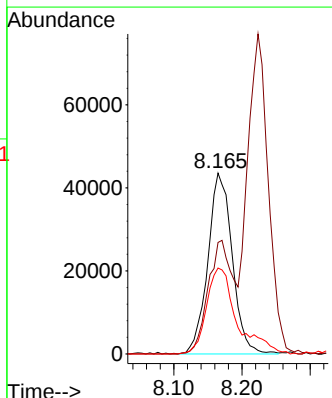
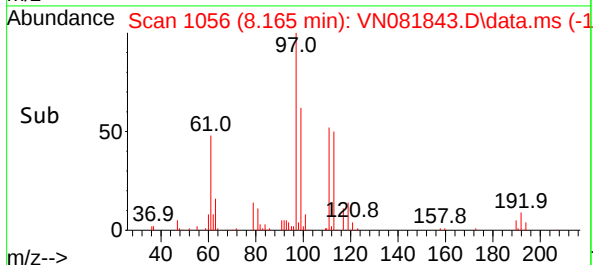
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

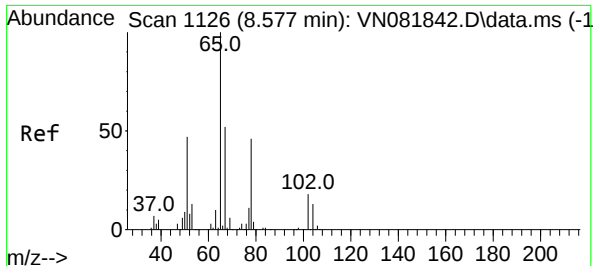


#32
1,1,1-Trichloroethane
Concen: 20.338 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19



Tgt Ion: 97 Resp: 108521
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 59.0 36.6 55.0#





#33

1,2-Dichloroethane-d4

Concen: 20.420 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 80624

Ion Ratio Lower Upper

65 100

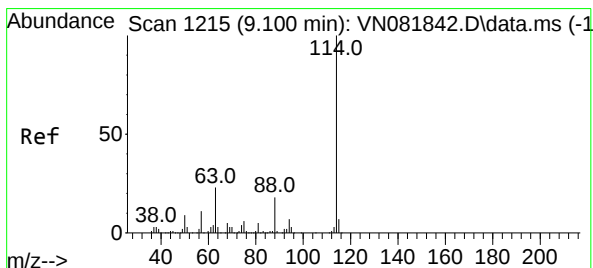
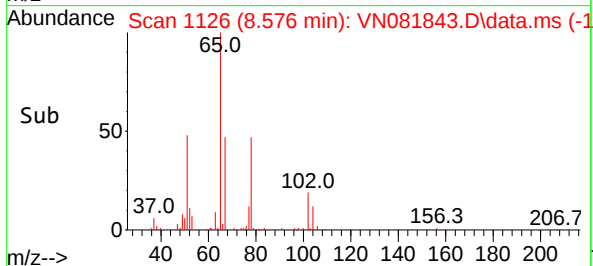
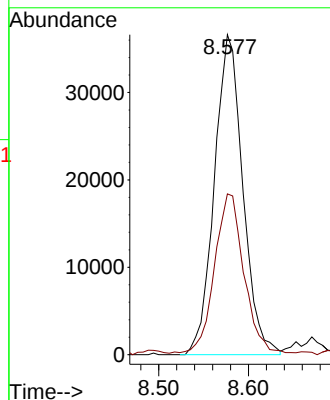
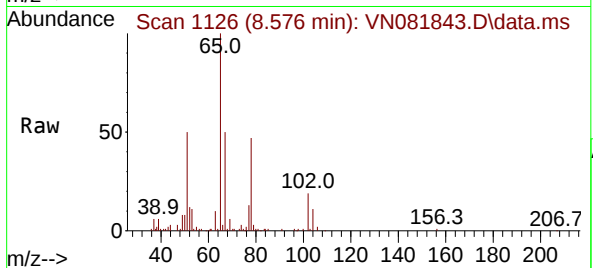
67 52.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

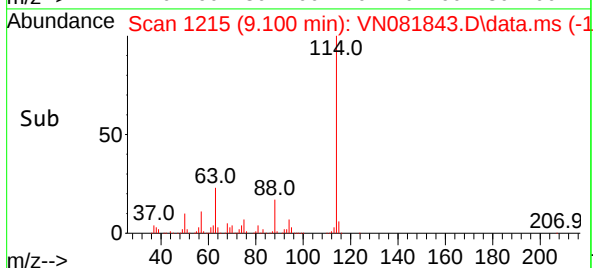
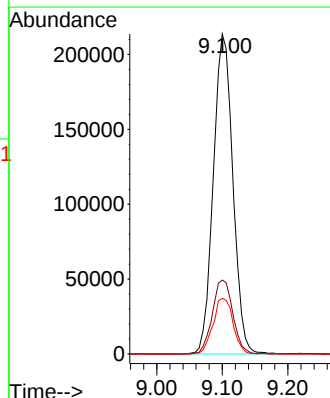
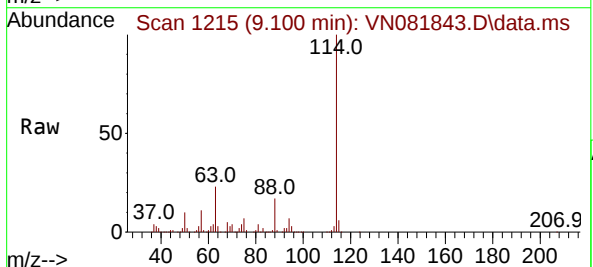
Tgt Ion:114 Resp: 441990

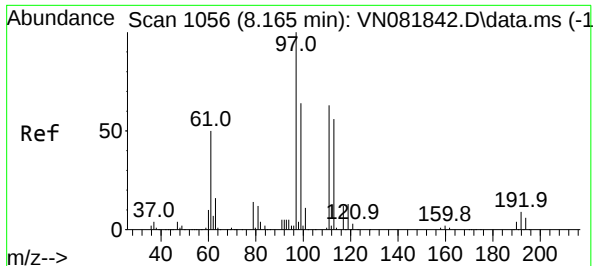
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

88 17.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 20.097 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

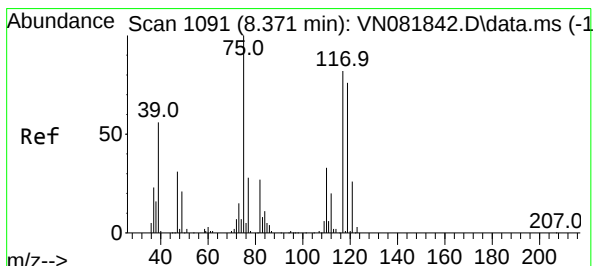
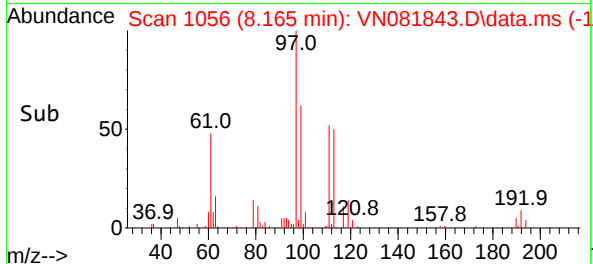
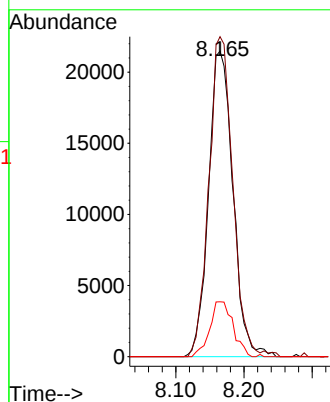
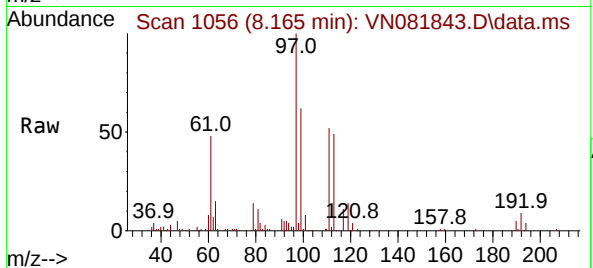
Tgt Ion:	113	Resp:	5348
Ion Ratio	Lower	Upper	
113	100		
111	102.9	83.4	125.2
192	17.2	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#36

1,1-Dichloropropene

Concen: 20.680 ug/l

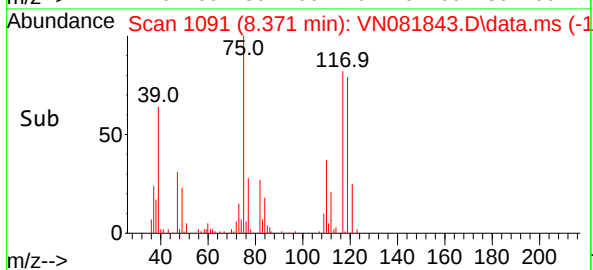
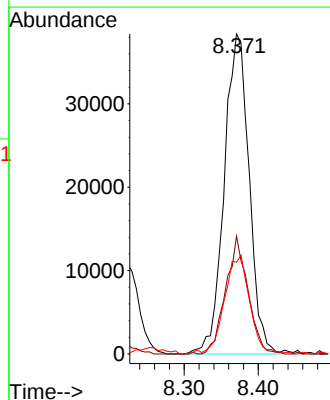
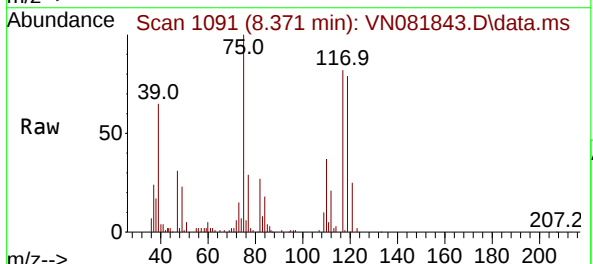
RT: 8.371 min Scan# 1091

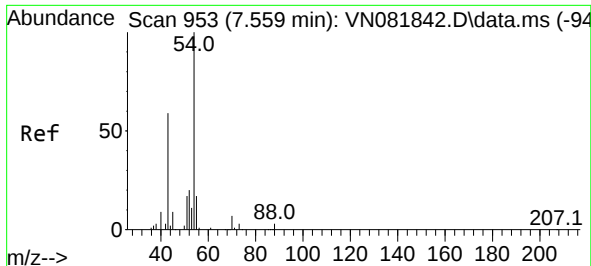
Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

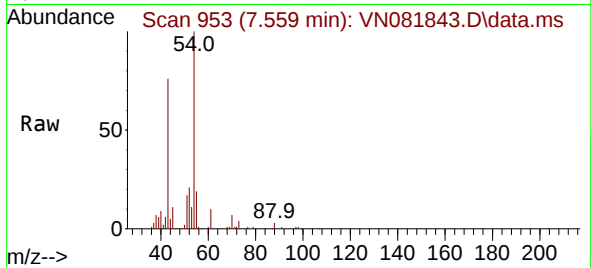
Tgt Ion:	75	Resp:	89532
Ion Ratio	Lower	Upper	
75	100		
110	32.9	17.8	53.5
77	31.3	25.0	37.4





#37
Ethyl Acetate
Concen: 21.315 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

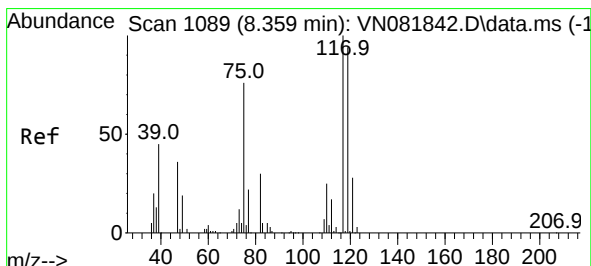
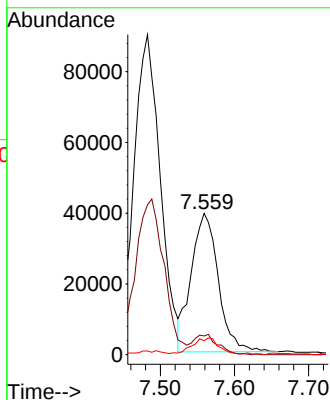
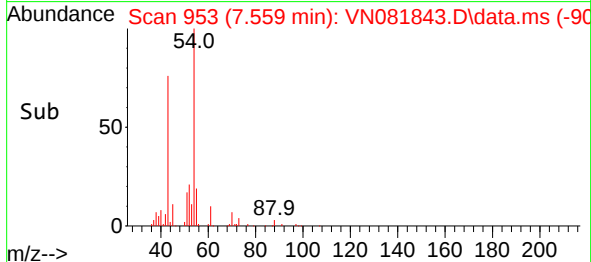
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 9977
Ion Ratio Lower Upper
43 100
61 13.1 11.3 16.9
70 11.0 8.7 13.1

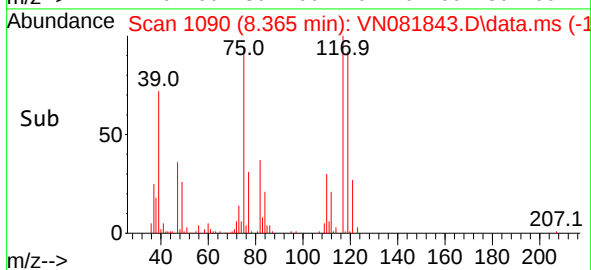
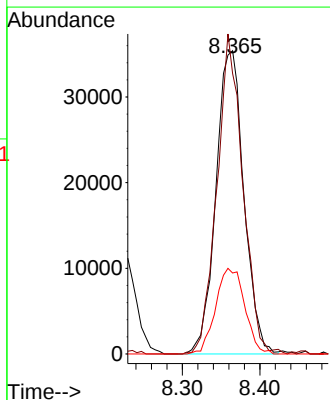
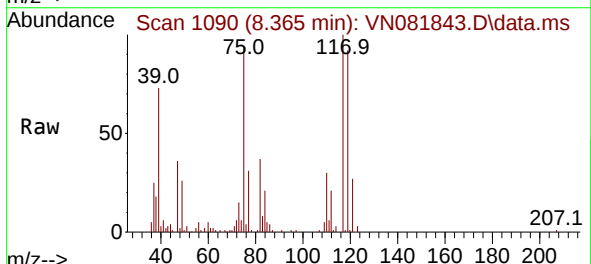
Manual Integrations
APPROVED

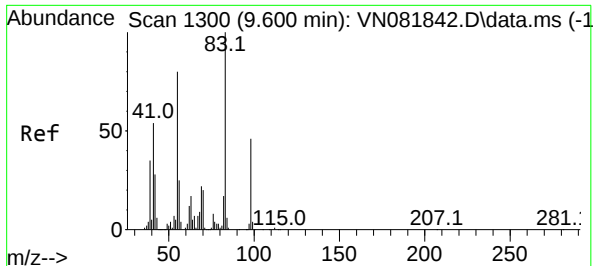
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#38
Carbon Tetrachloride
Concen: 21.010 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Tgt Ion:117 Resp: 88899
Ion Ratio Lower Upper
117 100
119 92.5 76.5 114.7
121 26.7 23.9 35.9





#39

Methylcyclohexane

Concen: 20.623 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 10843

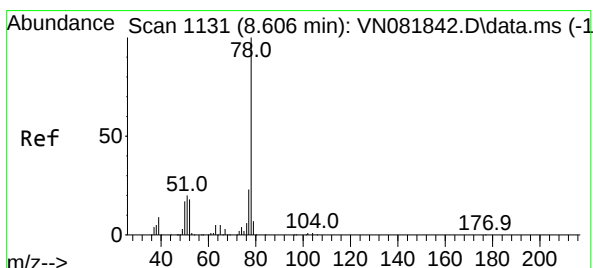
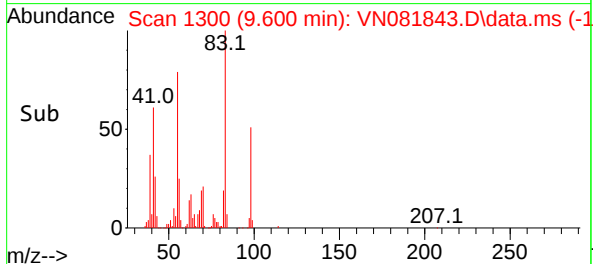
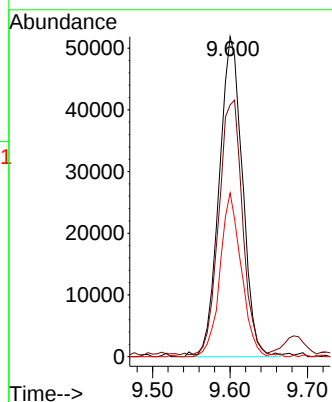
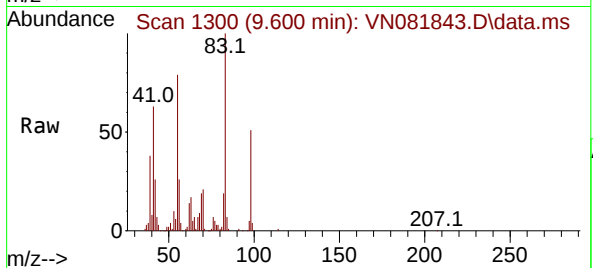
Ion	Ratio	Lower	Upper
83	100		
55	78.0	53.0	79.6
98	51.2	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#40

Benzene

Concen: 21.455 ug/l

RT: 8.606 min Scan# 1131

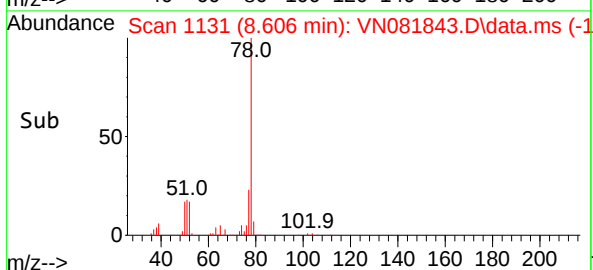
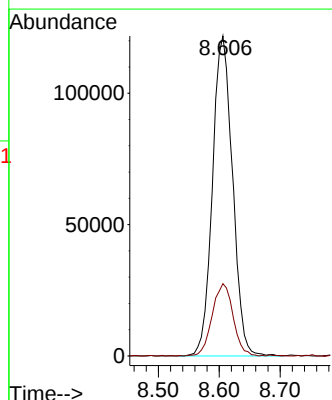
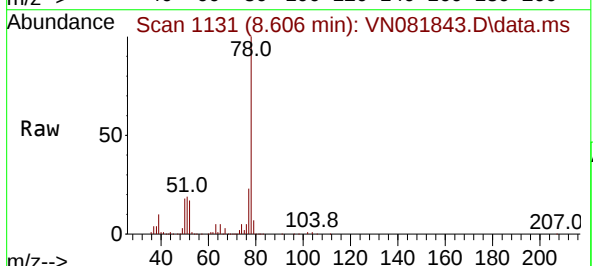
Delta R.T. -0.000 min

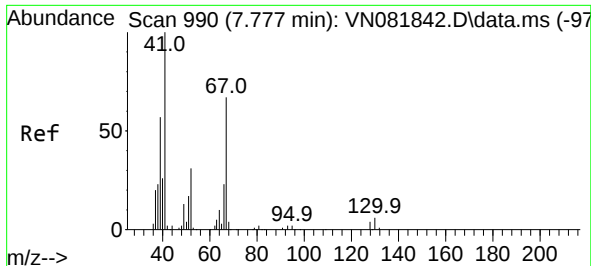
Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Tgt Ion: 78 Resp: 278842

Ion	Ratio	Lower	Upper
78	100		
77	22.5	20.0	30.0





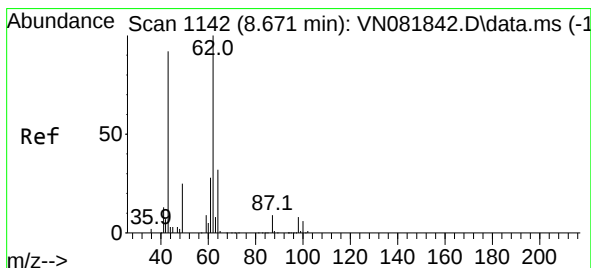
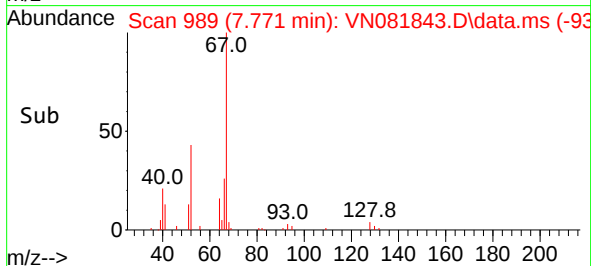
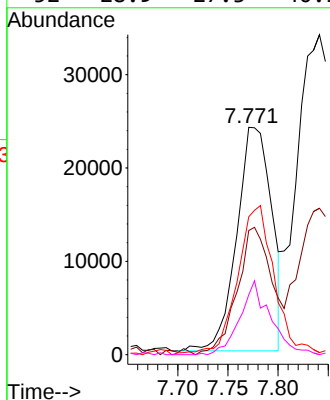
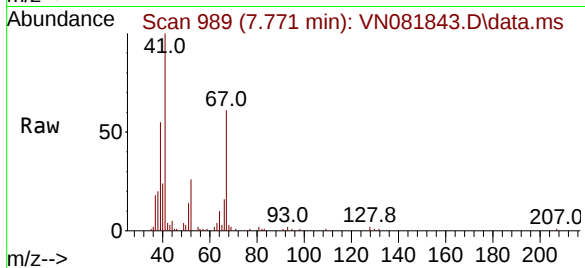
#41
Methacrylonitrile
Concen: 19.350 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:	41	Resp:	57790
Ion	Ratio	Lower	Upper
41	100		
39	57.9	46.6	69.8
67	70.5	67.3	100.9
52	28.9	27.3	40.9

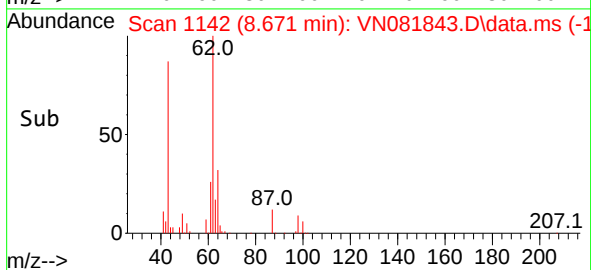
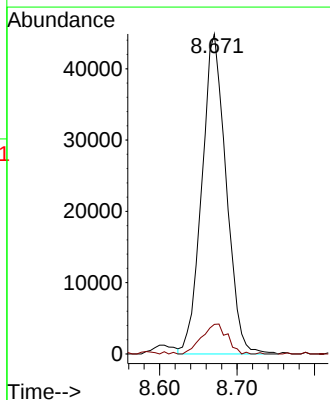
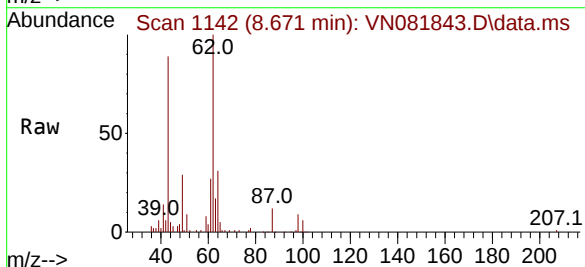
Manual Integrations
APPROVED

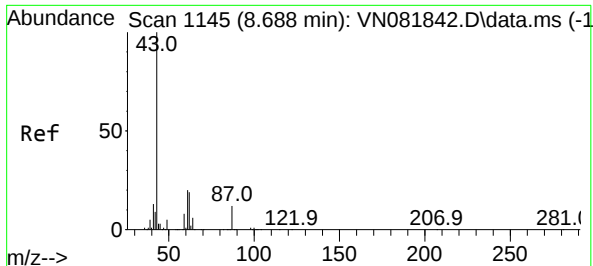
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#42
1,2-Dichloroethane
Concen: 20.215 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

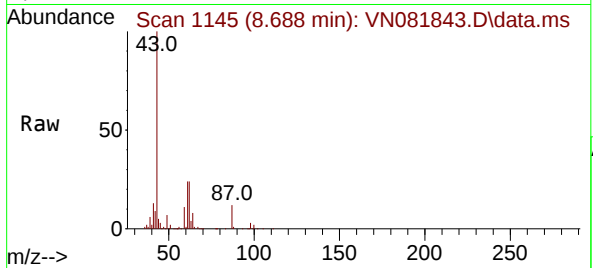
Tgt Ion:	62	Resp:	97556
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6





#43
Isopropyl Acetate
Concen: 20.166 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

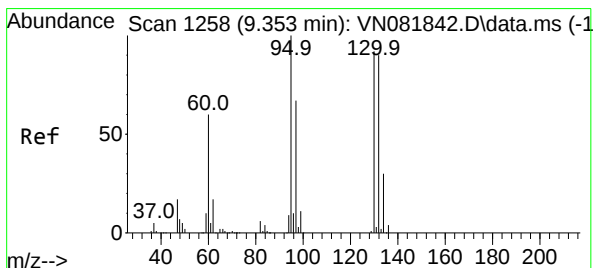
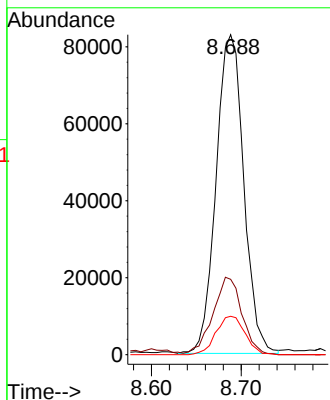
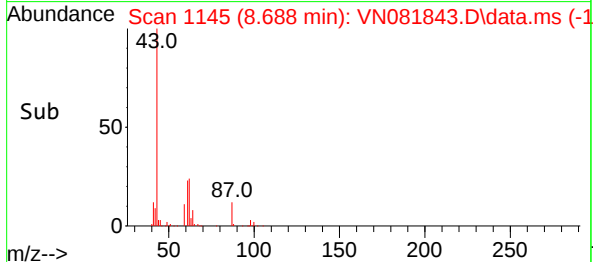
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 17749
Ion Ratio Lower Upper
43 100
61 25.5 22.8 34.2
87 12.7 12.0 18.0

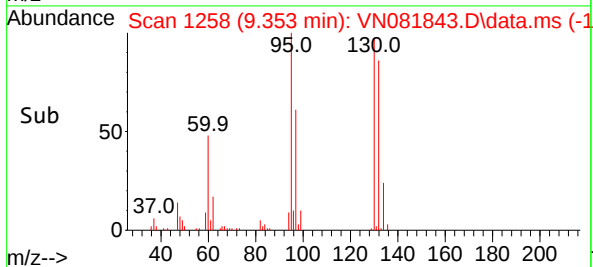
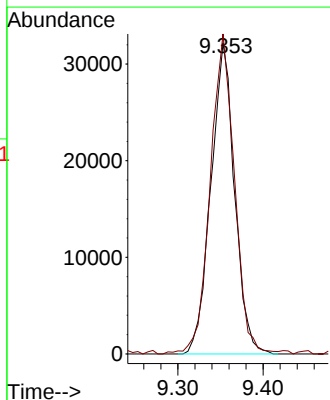
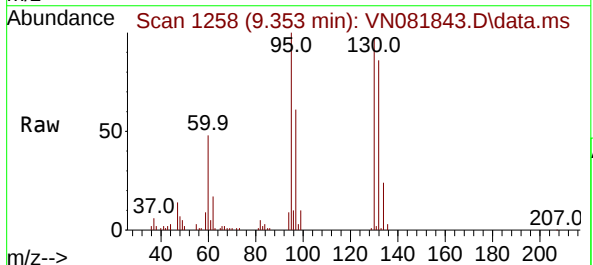
Manual Integrations
APPROVED

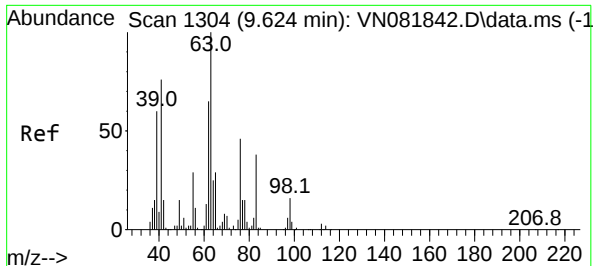
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#44
Trichloroethene
Concen: 20.752 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Tgt Ion:130 Resp: 62182
Ion Ratio Lower Upper
130 100
95 102.3 0.0 195.4





#45

1,2-Dichloropropane

Concen: 20.464 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 69600

Ion Ratio Lower Upper

63 100

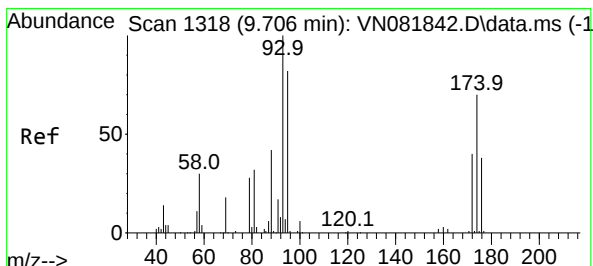
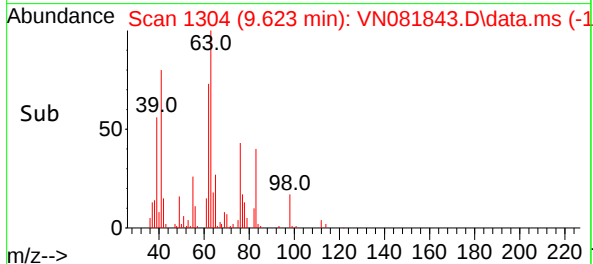
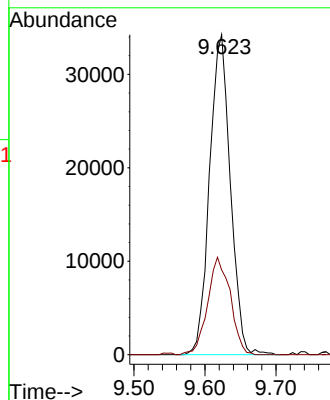
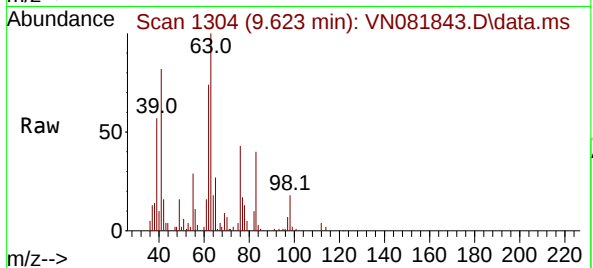
65 26.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#46

Dibromomethane

Concen: 19.557 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

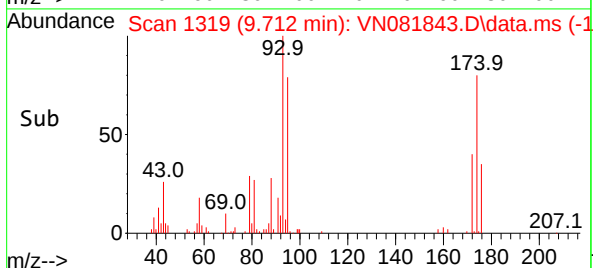
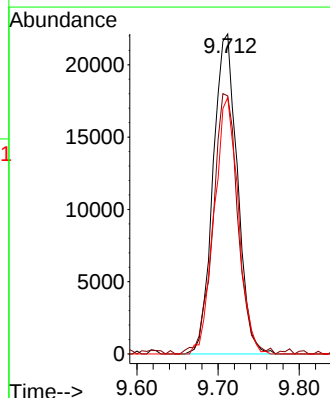
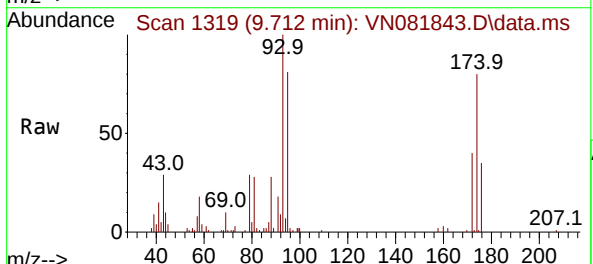
Tgt Ion: 93 Resp: 45977

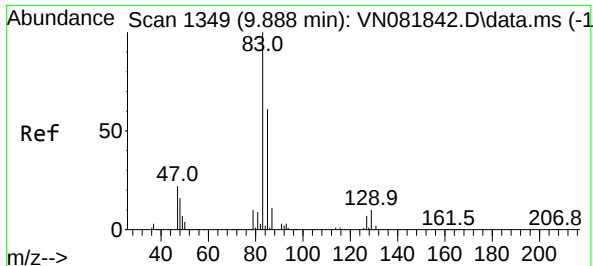
Ion Ratio Lower Upper

93 100

95 82.9 64.8 97.2

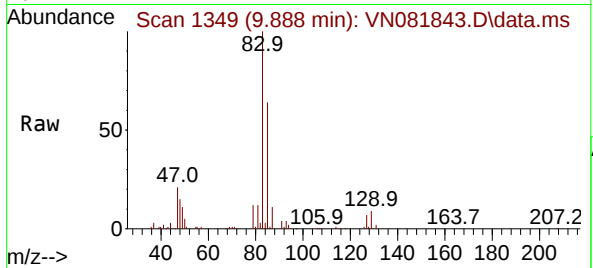
174 79.7 73.4 110.0





#47
Bromodichloromethane
Concen: 19.842 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

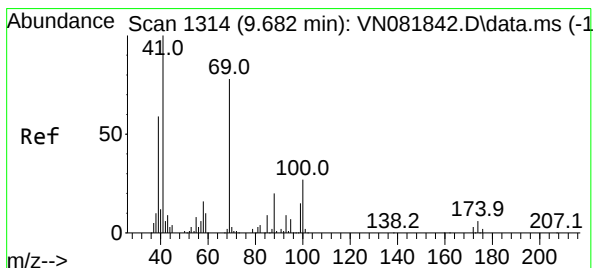
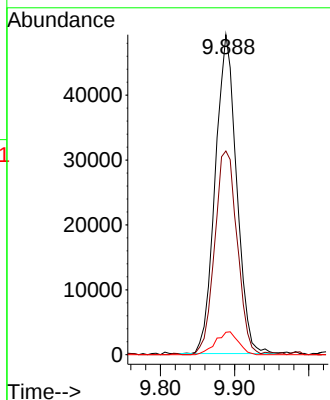
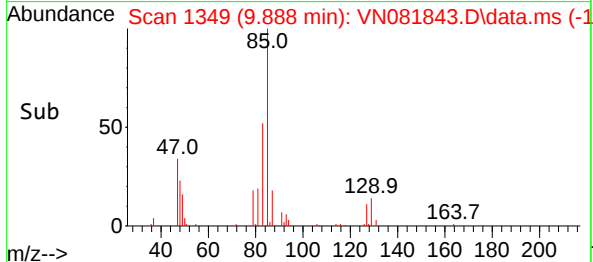
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



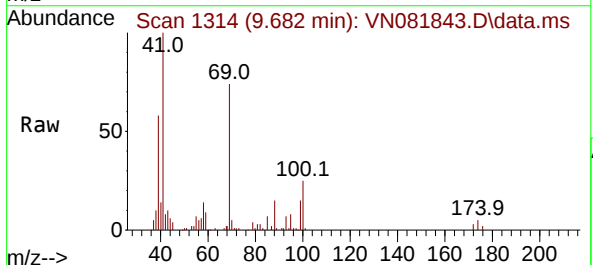
Tgt Ion: 83 Resp: 98374
Ion Ratio Lower Upper
83 100
85 63.5 51.9 77.9
127 7.0 7.5 11.3

Manual Integrations
APPROVED

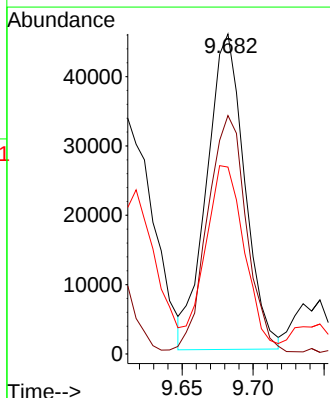
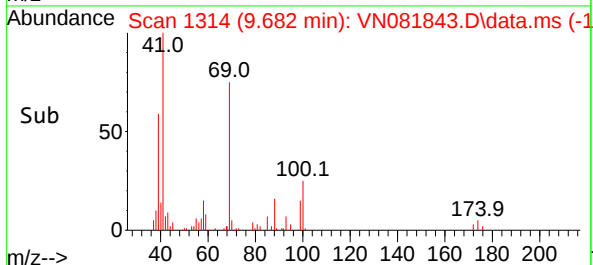
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

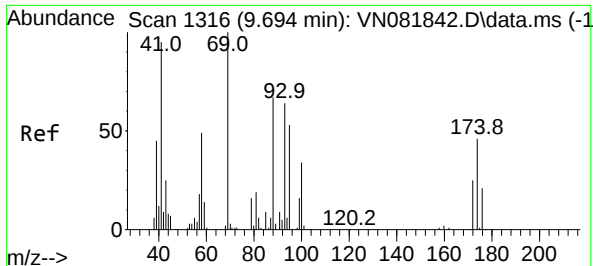


#48
Methyl methacrylate
Concen: 20.100 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19



Tgt Ion: 41 Resp: 84456
Ion Ratio Lower Upper
41 100
69 77.7 77.9 116.9#
39 62.2 50.9 76.3





#49

1,4-Dioxane

Concen: 404.479 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

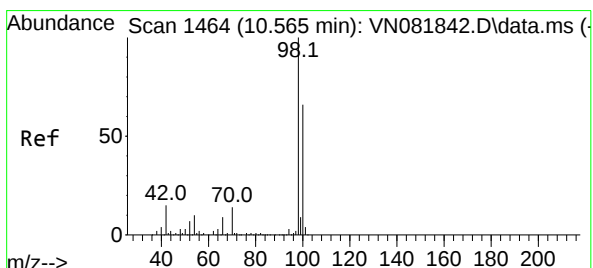
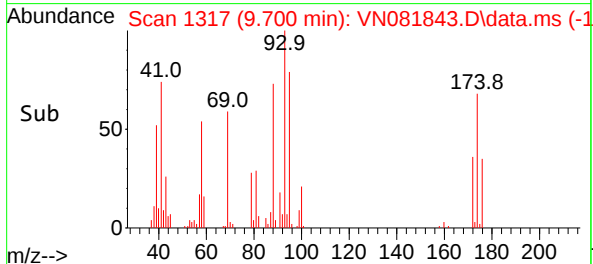
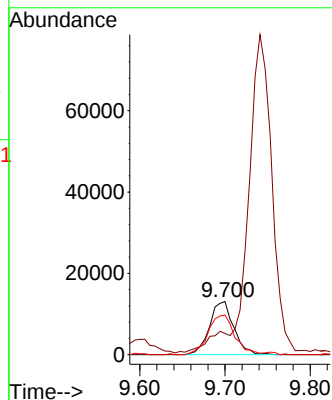
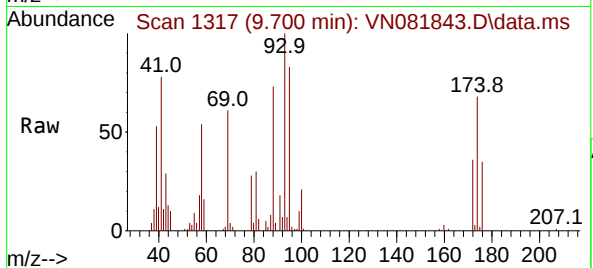
Tgt Ion: 88 Resp: 2583
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.0 28.6
 58 81.7 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#50

Toluene-d8

Concen: 20.756 ug/l

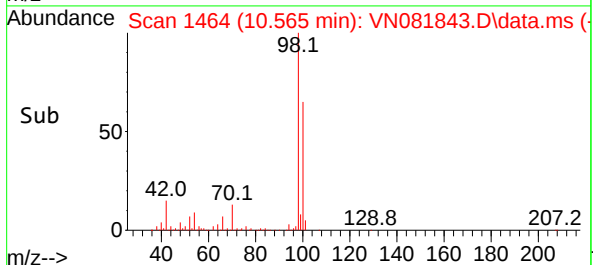
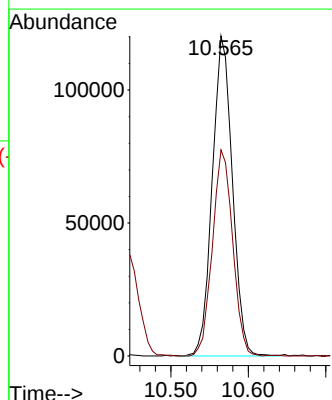
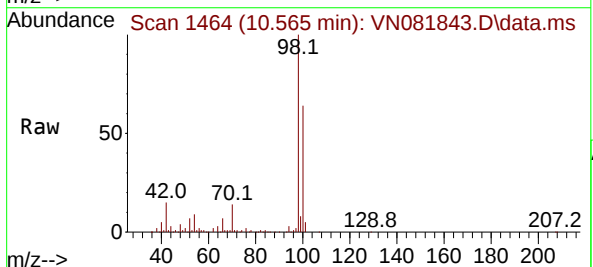
RT: 10.565 min Scan# 1464

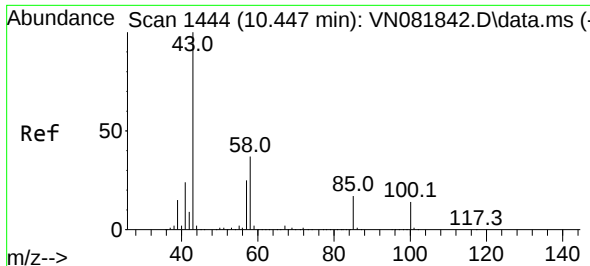
Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Tgt Ion: 98 Resp: 216936
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.8 77.6





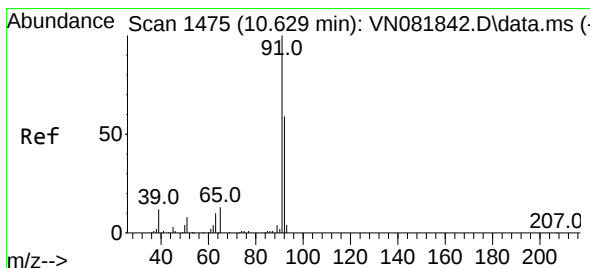
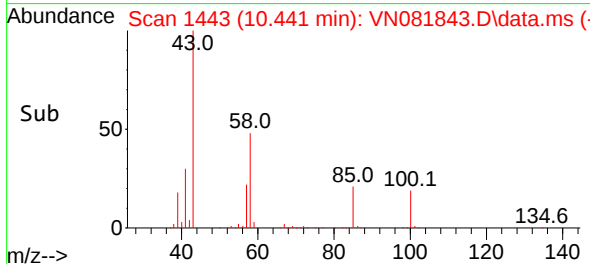
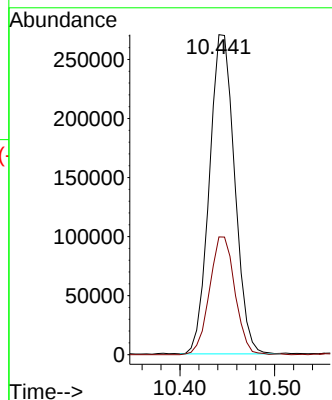
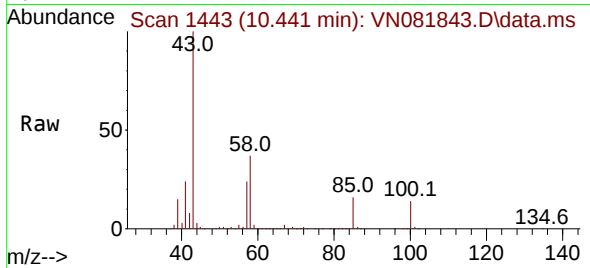
#51
4-Methyl-2-Pentanone
Concen: 101.325 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 50204
Ion Ratio Lower Upper
43 100
58 37.1 33.2 49.8

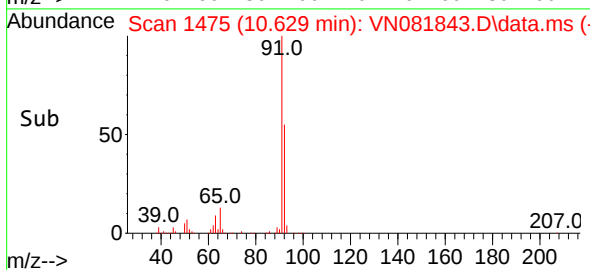
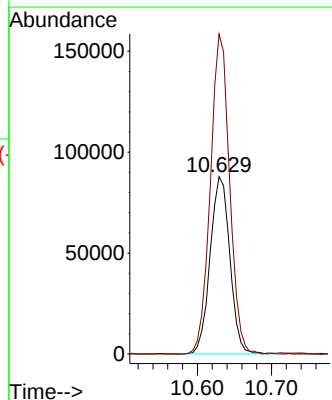
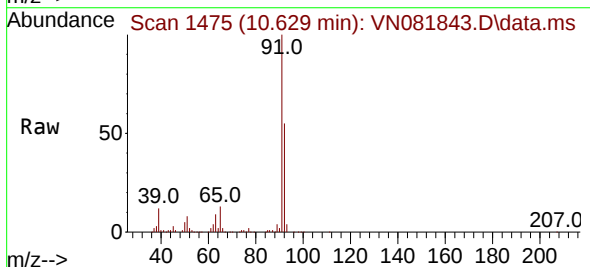
Manual Integrations
APPROVED

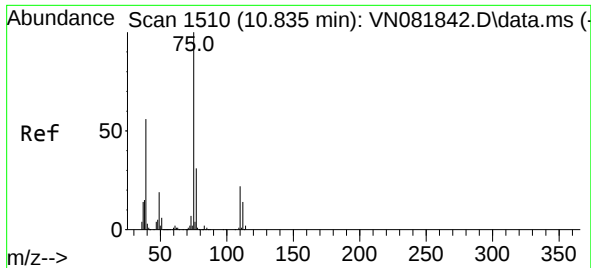
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#52
Toluene
Concen: 20.852 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

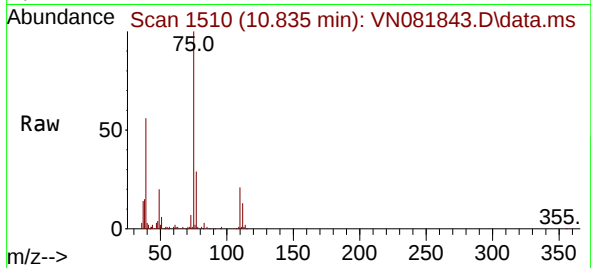
Tgt Ion: 92 Resp: 162293
Ion Ratio Lower Upper
92 100
91 175.9 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 20.838 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

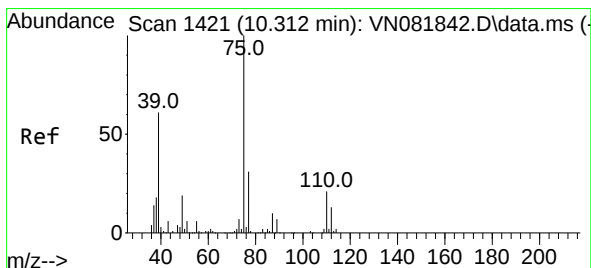
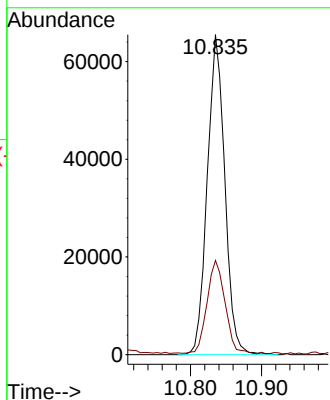
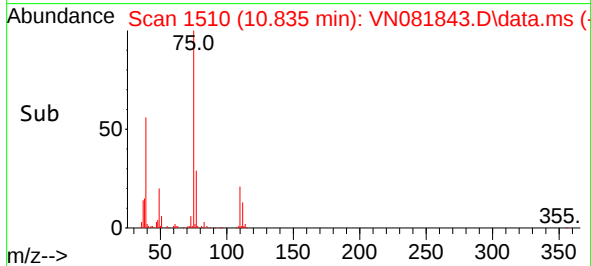
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 11241
Ion Ratio Lower Upper
75 100
77 28.9 25.4 38.0

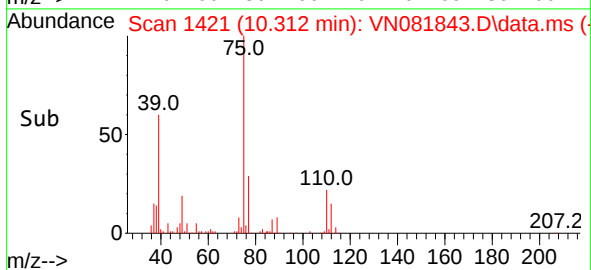
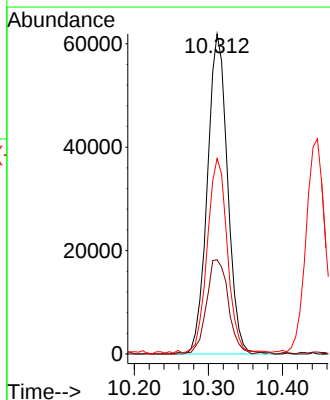
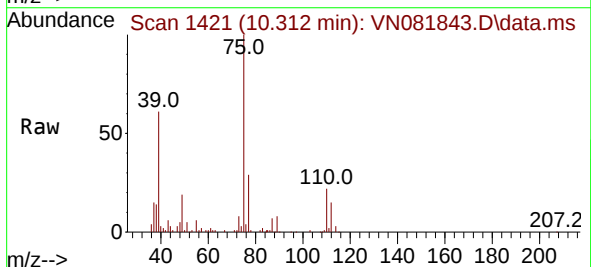
Manual Integrations
APPROVED

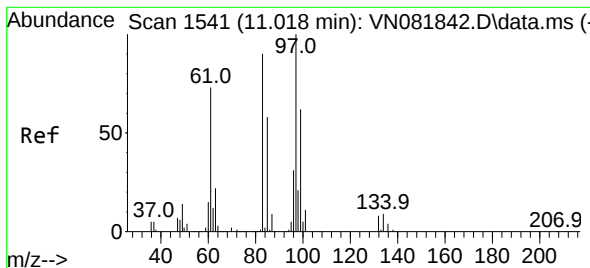
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#54
cis-1,3-Dichloropropene
Concen: 21.059 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

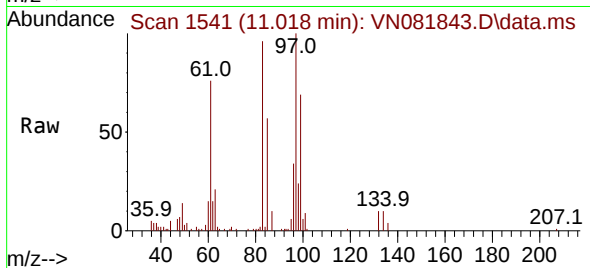
Tgt Ion: 75 Resp: 117091
Ion Ratio Lower Upper
75 100
77 29.5 25.0 37.4
39 60.3 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 19.503 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

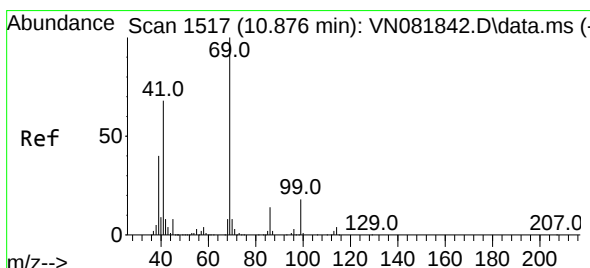
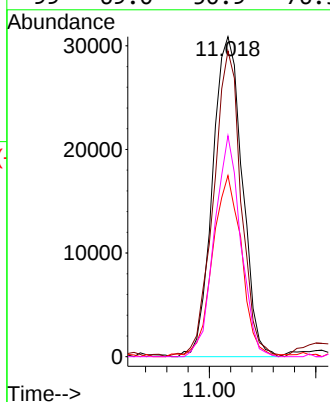
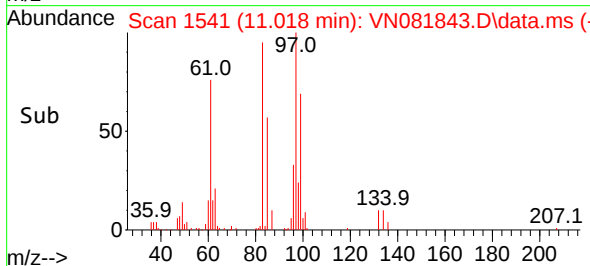
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 97	Resp: 5969
Ion Ratio	Lower Upper
97 100	
83 94.8	70.4 105.6
85 56.0	45.6 68.4
99 69.0	50.9 76.3

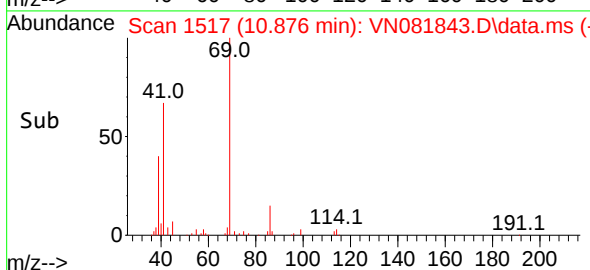
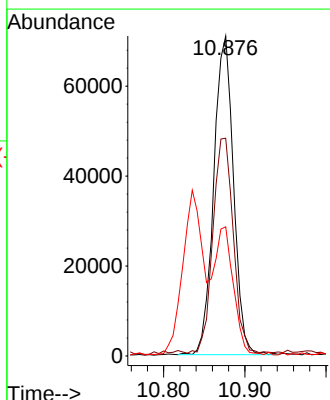
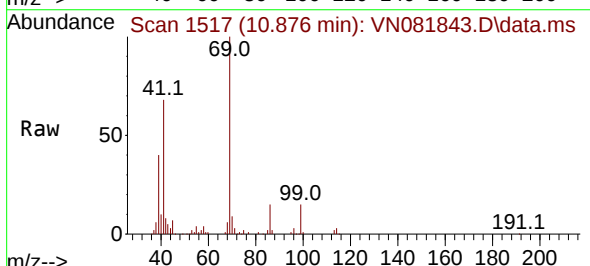
Manual Integrations
APPROVED

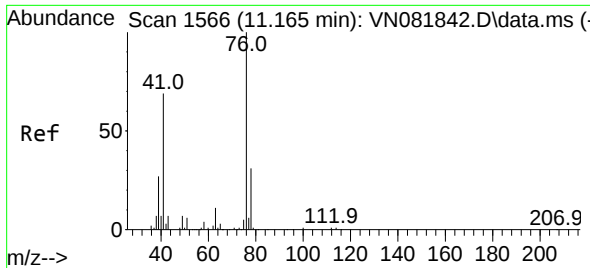
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#56
Ethyl methacrylate
Concen: 20.519 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Tgt Ion: 69	Resp: 119597
Ion Ratio	Lower Upper
69 100	
41 70.3	46.6 70.0#
39 35.3	26.5 39.7





#57

1,3-Dichloropropane

Concen: 21.082 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 11472

Ion Ratio Lower Upper

76 100

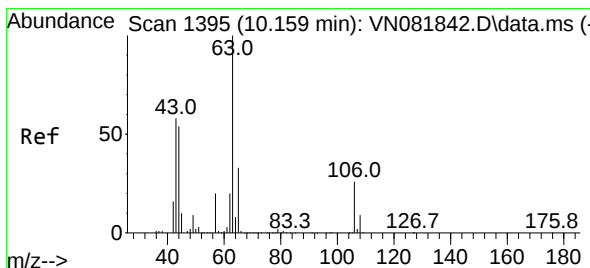
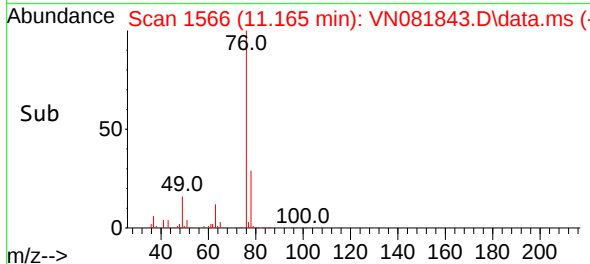
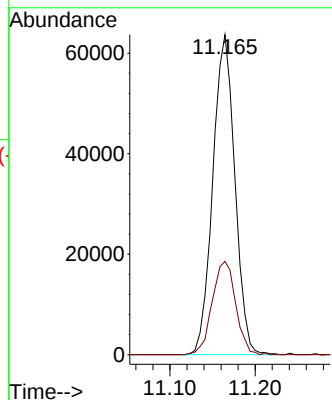
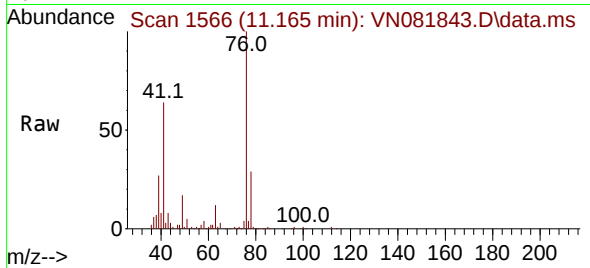
78 31.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#58

2-Chloroethyl Vinyl ether

Concen: 102.877 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081843.D

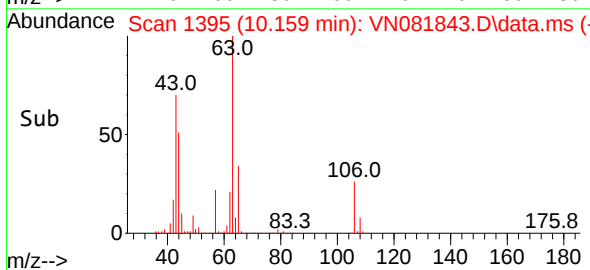
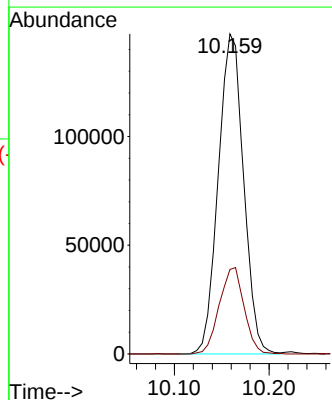
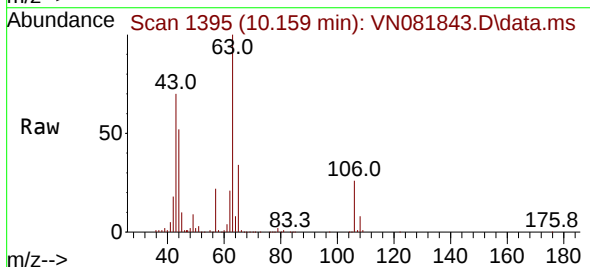
Acq: 25 Apr 2024 11:19

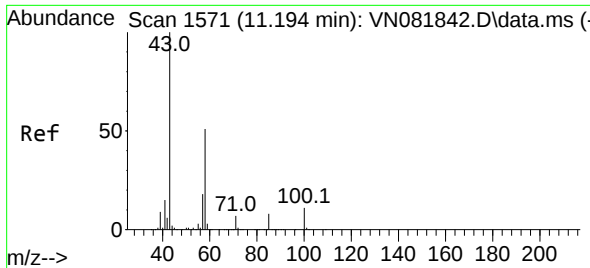
Tgt Ion: 63 Resp: 273162

Ion Ratio Lower Upper

63 100

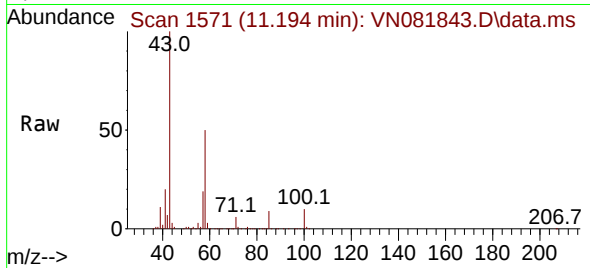
106 26.4 24.6 36.8





#59
2-Hexanone
Concen: 103.672 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

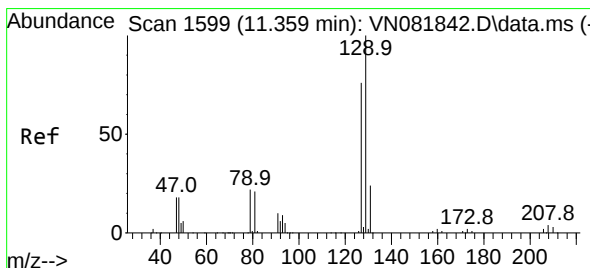
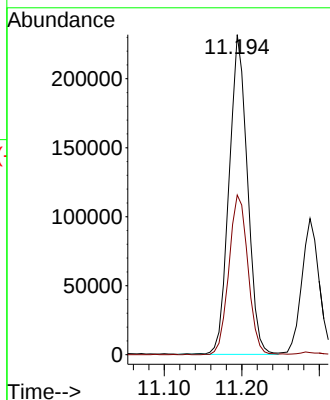
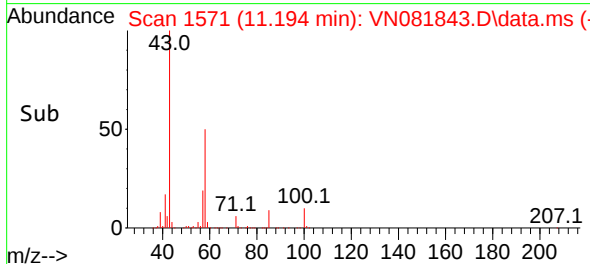
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 382275
Ion Ratio Lower Upper
43 100
58 51.9 28.3 84.9

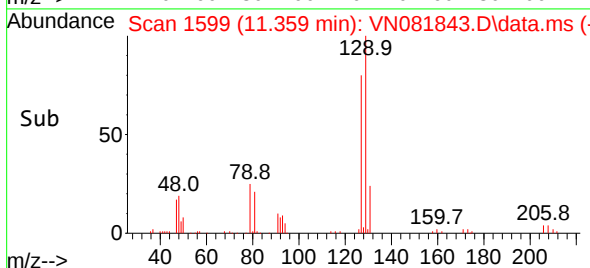
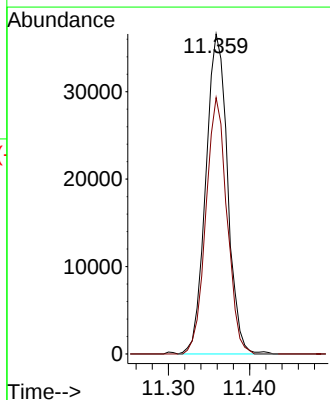
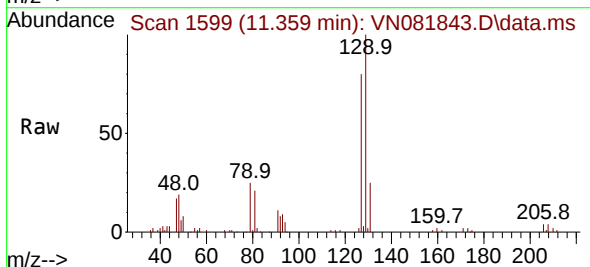
Manual Integrations
APPROVED

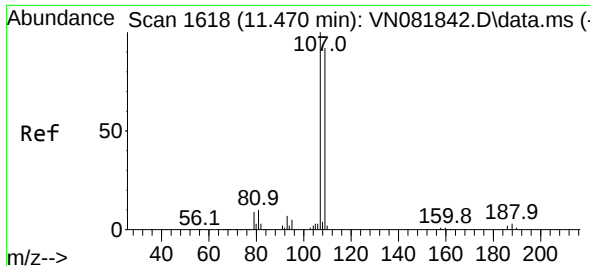
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#60
Dibromochloromethane
Concen: 21.052 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Tgt Ion:129 Resp: 68253
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.8





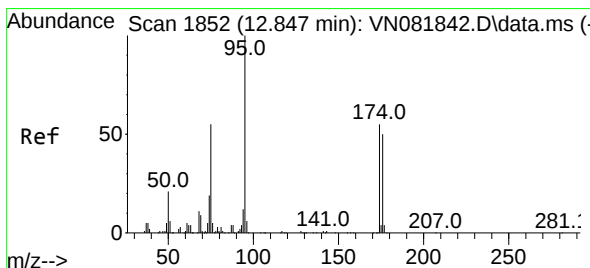
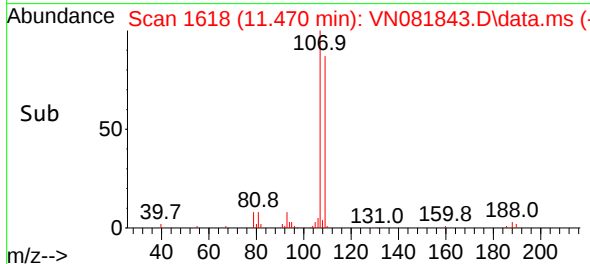
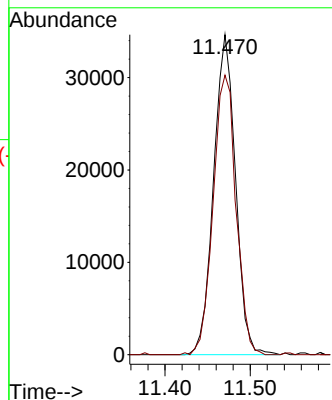
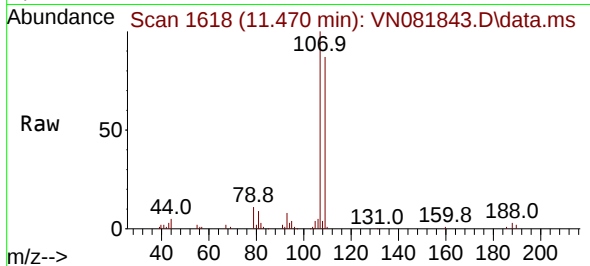
#61
1,2-Dibromoethane
Concen: 21.073 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 61684
Ion Ratio Lower Upper
107 100
109 91.7 75.8 113.6

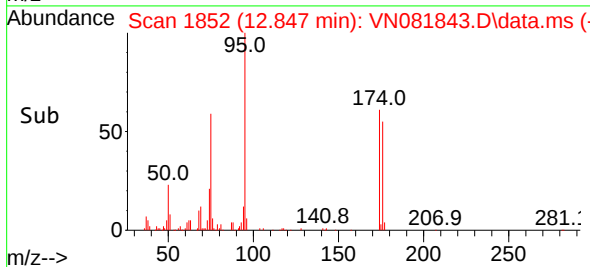
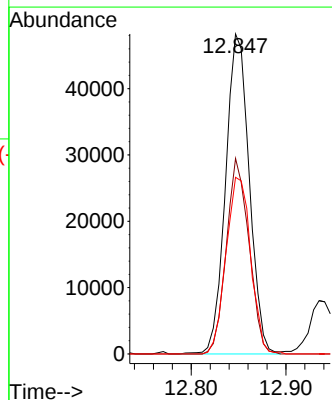
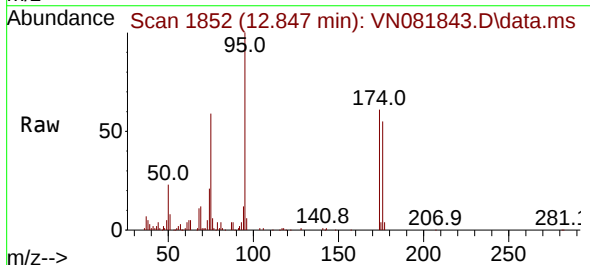
Manual Integrations
APPROVED

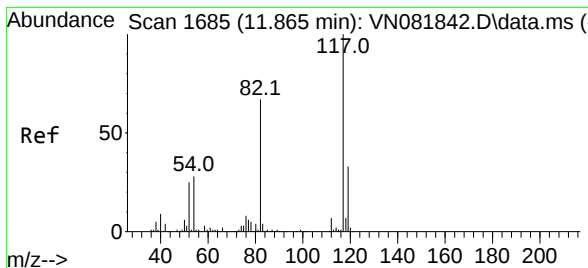
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#62
4-Bromofluorobenzene
Concen: 20.320 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Tgt Ion: 95 Resp: 83954
Ion Ratio Lower Upper
95 100
174 58.2 0.0 160.6
176 57.4 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:117 Resp: 37558

Ion Ratio Lower Upper

117 100

82 66.3 44.6 66.8

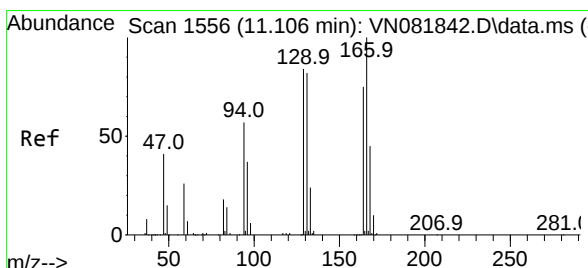
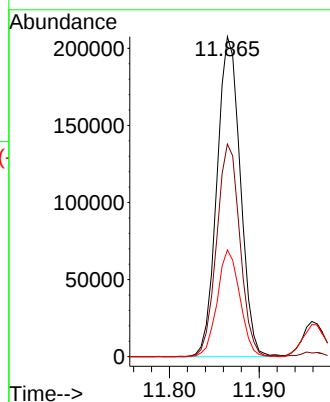
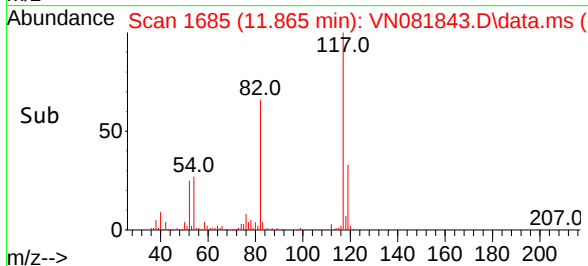
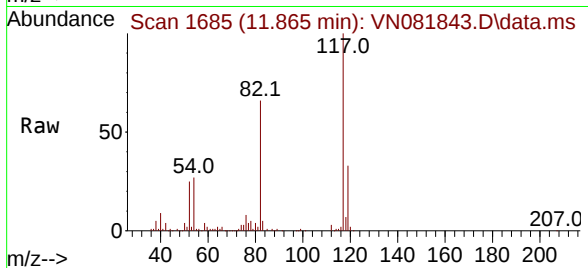
119 33.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#64

Tetrachloroethene

Concen: 20.782 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Tgt Ion:164 Resp: 56690

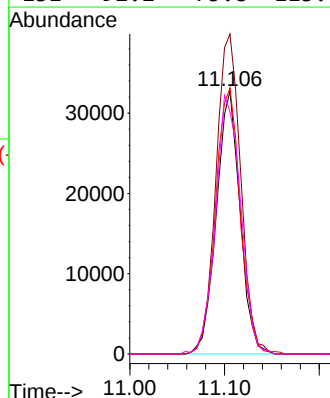
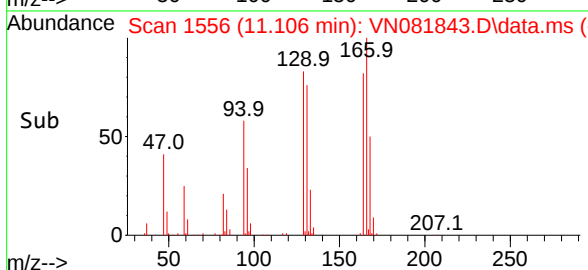
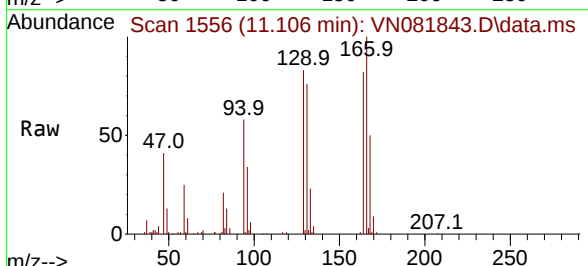
Ion Ratio Lower Upper

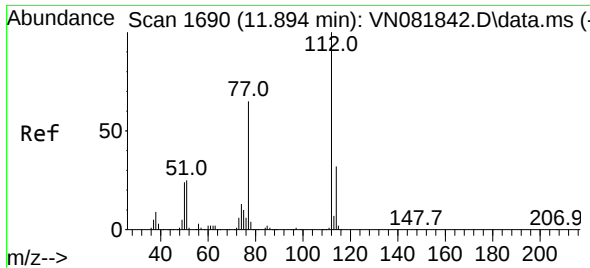
164 100

166 121.7 97.6 146.4

129 101.2 73.7 110.5

131 92.2 75.8 113.6





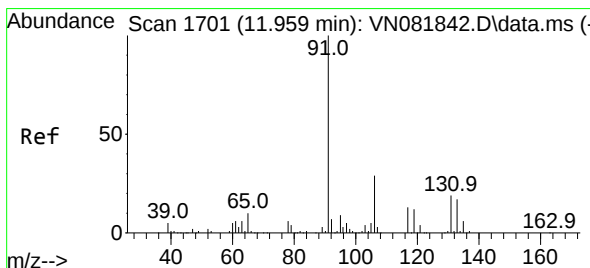
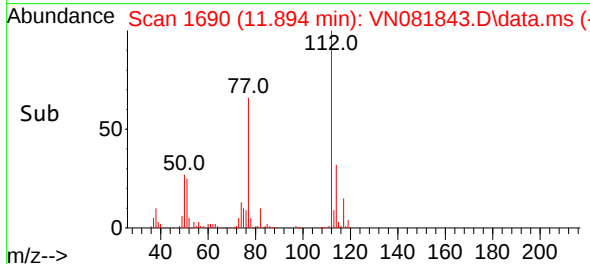
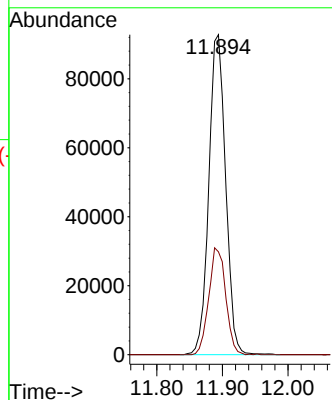
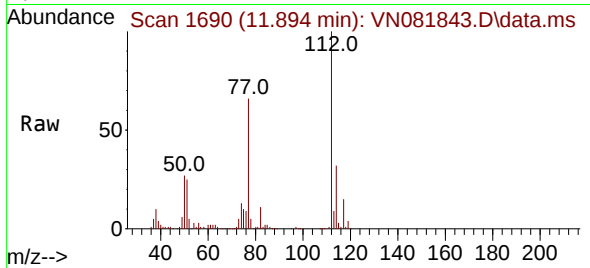
#65
Chlorobenzene
Concen: 20.139 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 16518
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

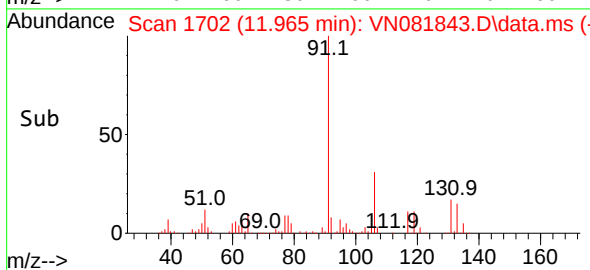
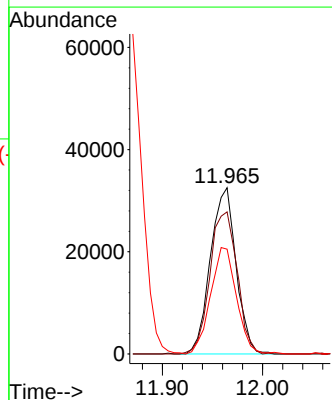
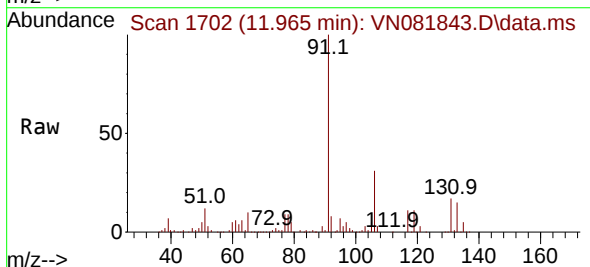
Manual Integrations
APPROVED

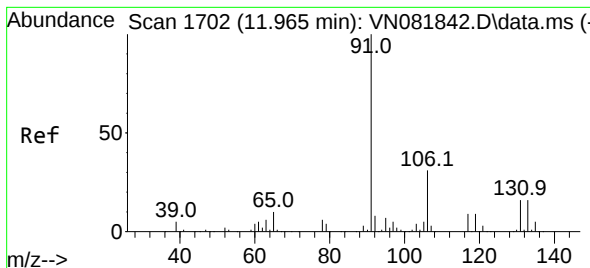
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.731 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

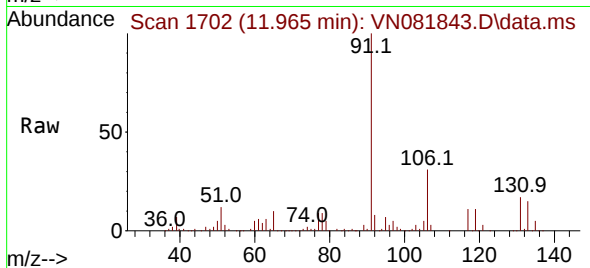
Tgt Ion:131 Resp: 57928
Ion Ratio Lower Upper
131 100
133 90.8 47.5 142.6
119 64.9 32.9 98.7





#67
Ethyl Benzene
Concen: 20.394 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

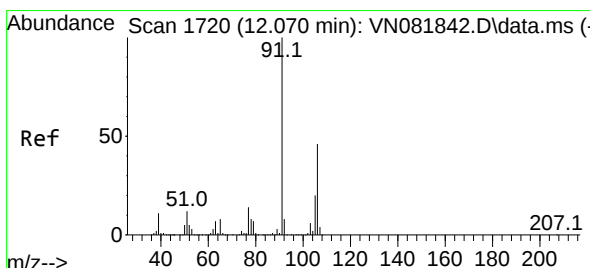
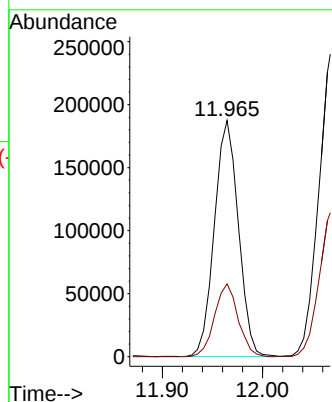
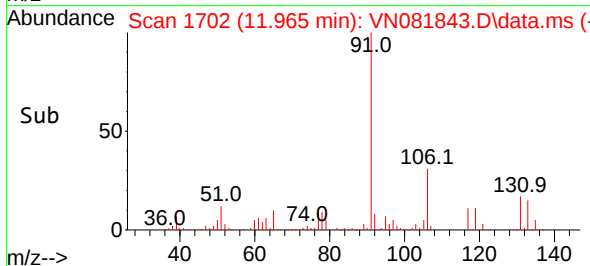
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



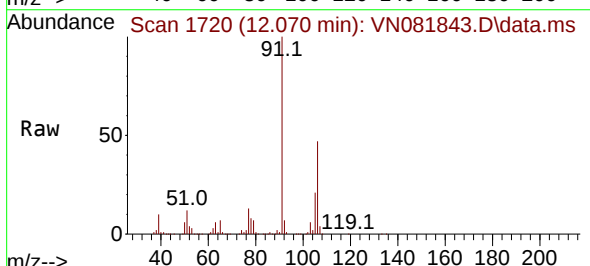
Tgt Ion: 91 Resp: 311078
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9

Manual Integrations
APPROVED

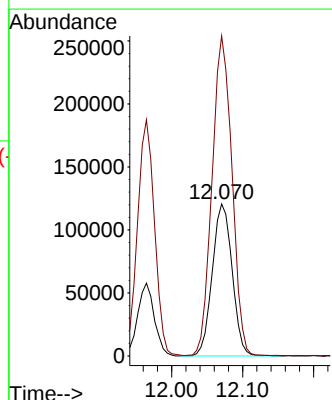
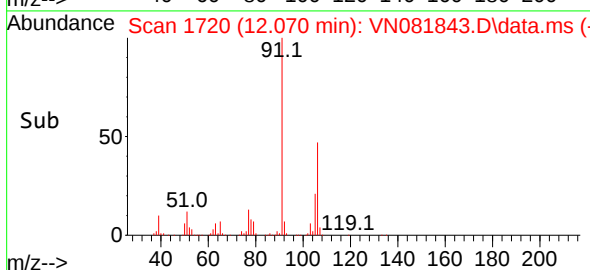
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

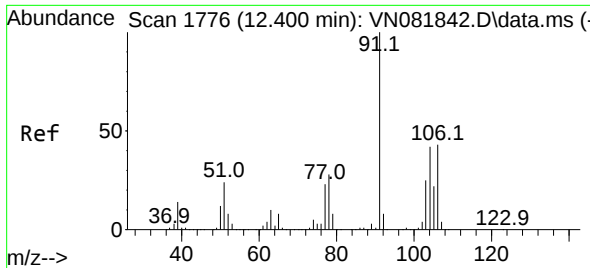


#68
m/p-Xylenes
Concen: 42.988 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19



Tgt Ion:106 Resp: 233894
Ion Ratio Lower Upper
106 100
91 210.8 159.4 239.0





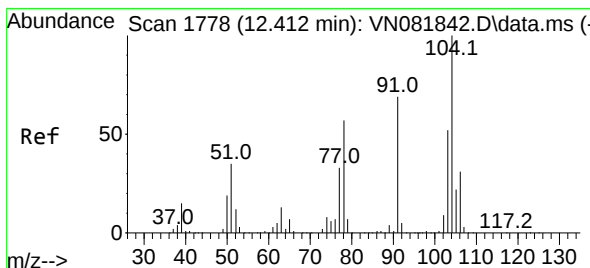
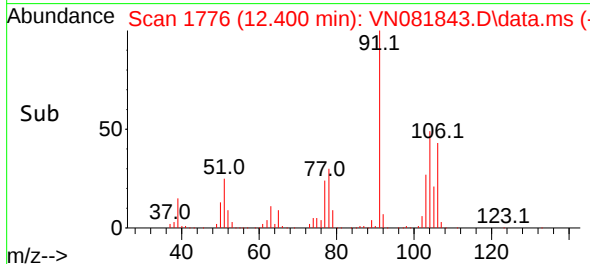
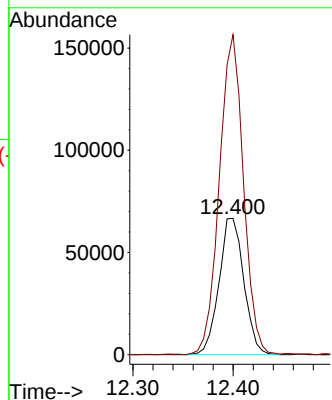
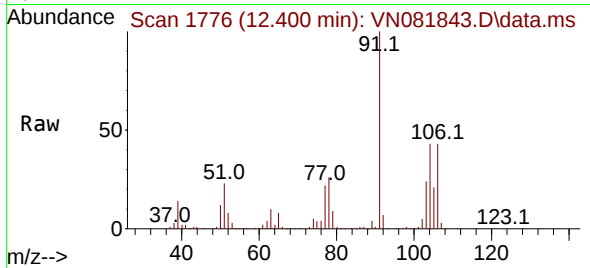
#69
o-Xylene
Concen: 21.552 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 11448
Ion Ratio Lower Upper
106 100
91 228.9 104.7 314.1

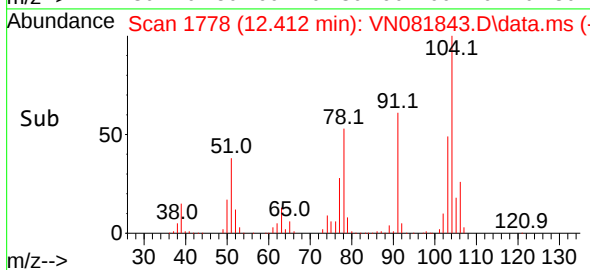
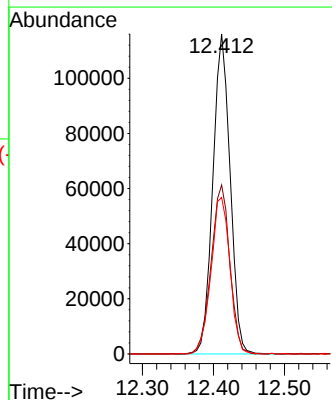
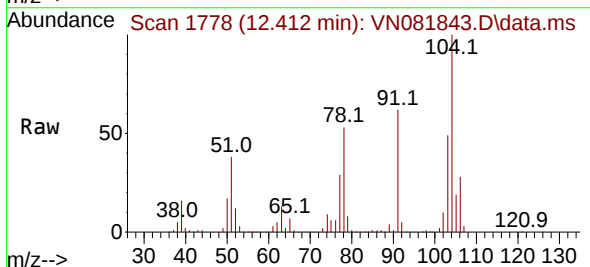
Manual Integrations
APPROVED

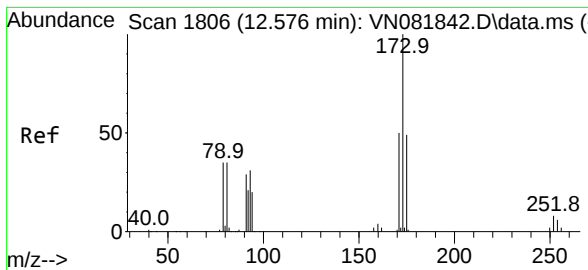
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#70
Styrene
Concen: 21.305 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Tgt Ion:104 Resp: 195776
Ion Ratio Lower Upper
104 100
78 57.0 38.6 58.0
103 53.7 43.8 65.6





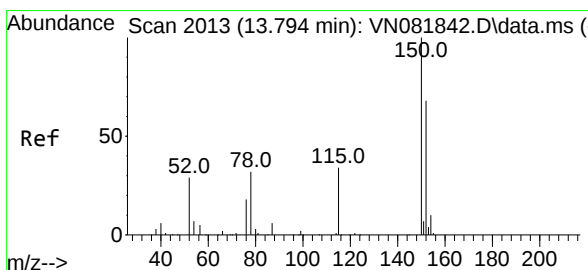
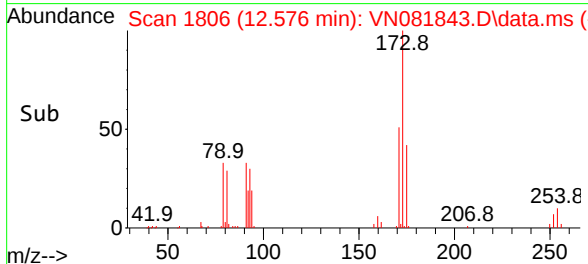
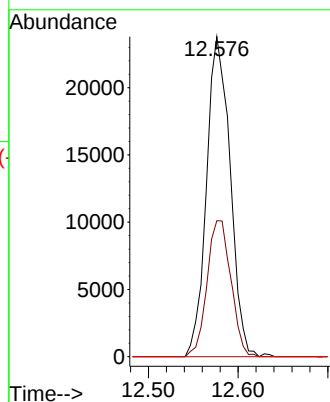
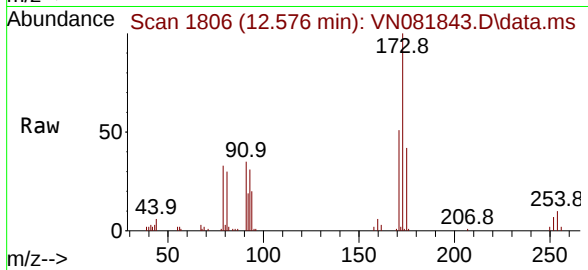
#71
Bromoform
Concen: 20.776 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 43540
Ion Ratio Lower Upper
173 100
175 42.9 24.6 74.0
254 0.0 0.0 0.0

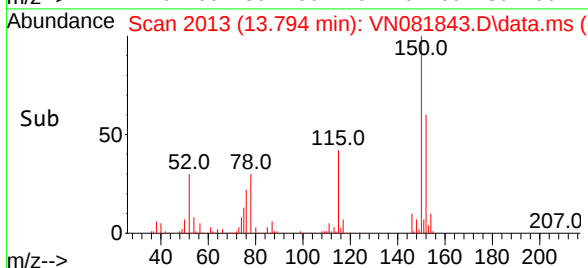
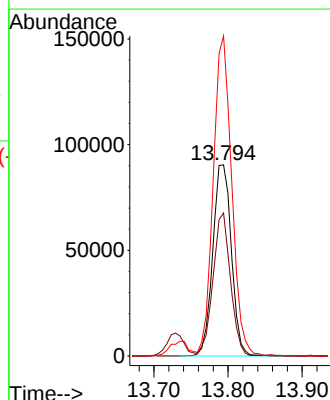
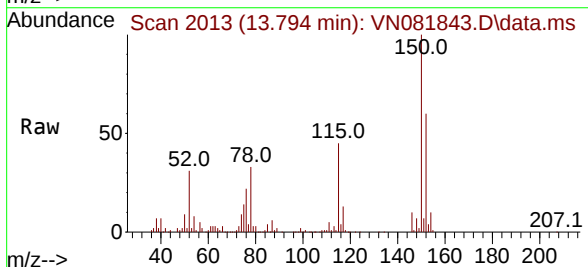
Manual Integrations
APPROVED

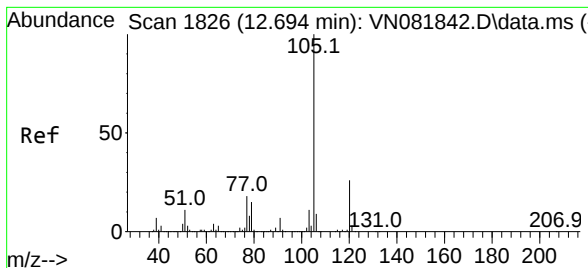
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Tgt Ion:152 Resp: 157796
Ion Ratio Lower Upper
152 100
115 70.3 30.4 91.3
150 164.6 0.0 353.2





#73

Isopropylbenzene

Concen: 20.840 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 292370

Ion Ratio Lower Upper

105 100

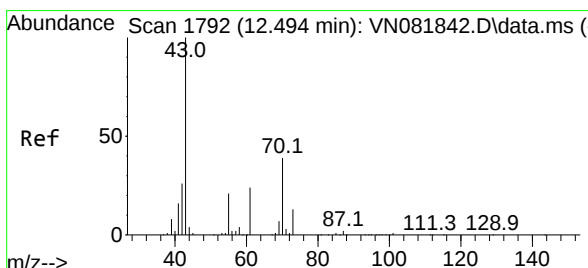
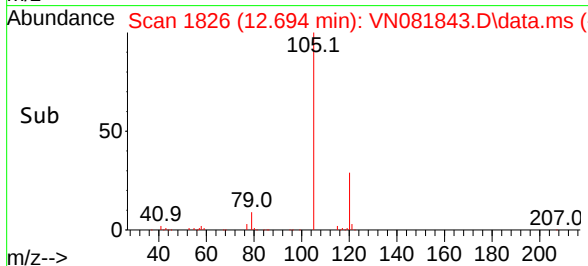
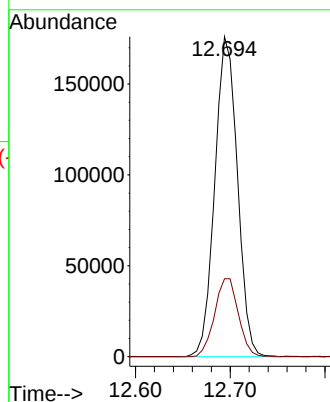
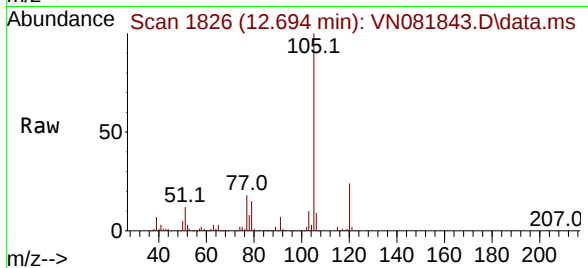
120 25.6 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#74

N-ethyl acetate

Concen: 20.348 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Tgt Ion: 43 Resp: 158937

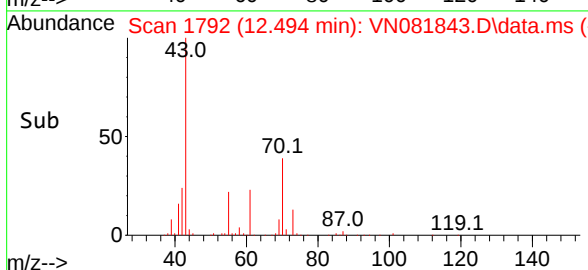
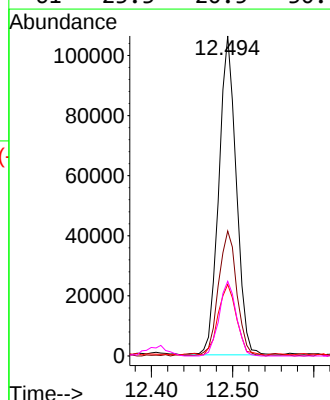
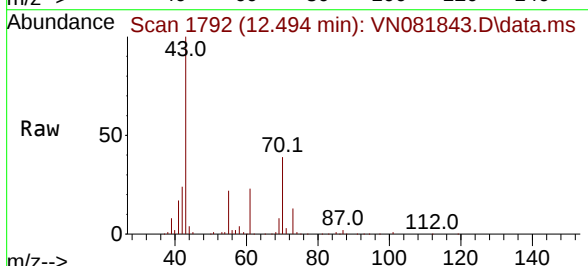
Ion Ratio Lower Upper

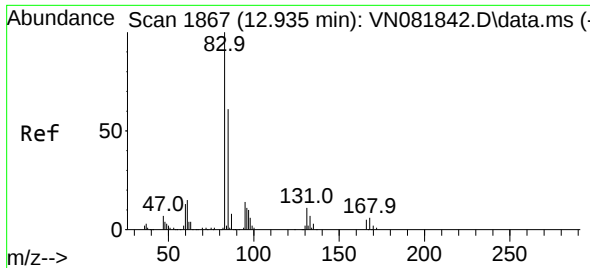
43 100

70 41.1 39.0 58.4

55 23.0 21.3 31.9

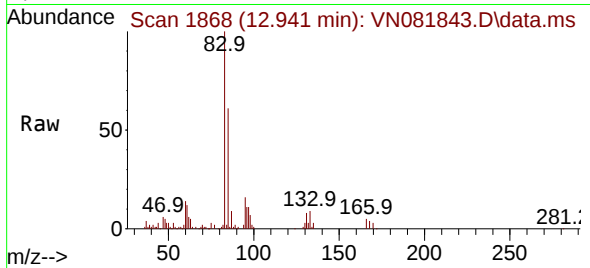
61 23.3 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.821 ug/l
RT: 12.941 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

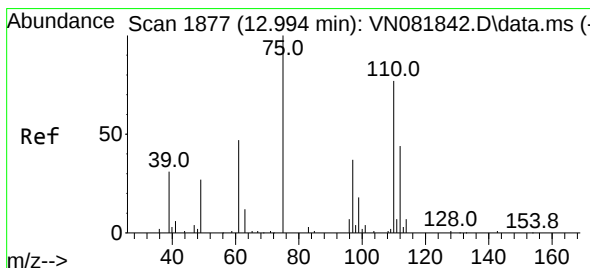
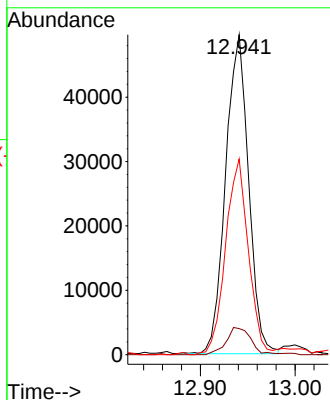
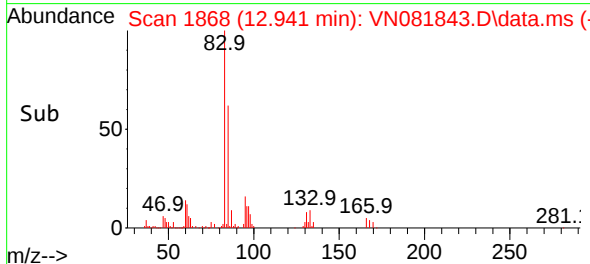
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 83508
Ion Ratio Lower Upper
83 100
131 9.1 5.5 16.4
85 61.0 32.9 98.6

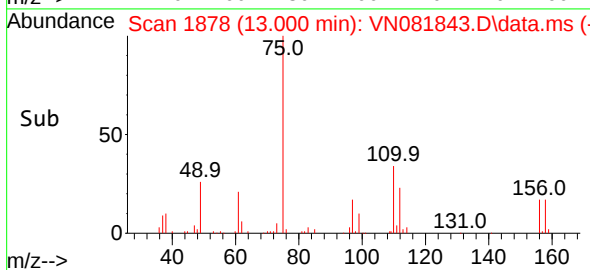
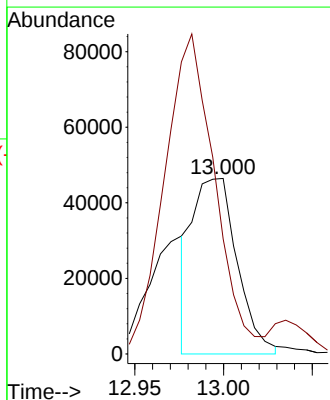
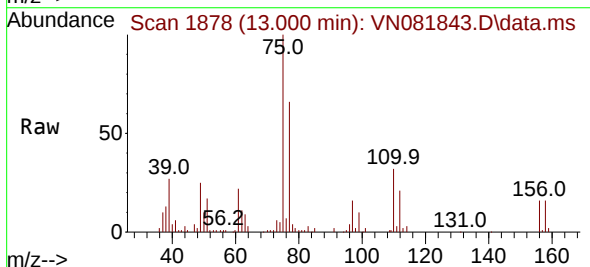
Manual Integrations
APPROVED

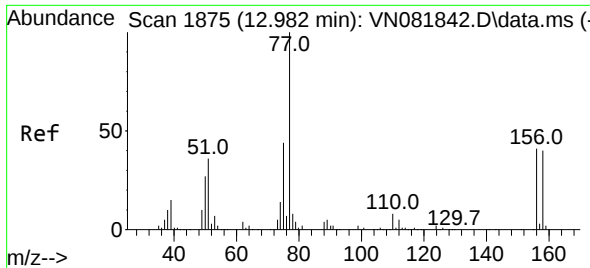
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#76
1,2,3-Trichloropropane
Concen: 19.806 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Tgt Ion: 75 Resp: 81202
Ion Ratio Lower Upper
75 100
77 207.5 90.5 271.3





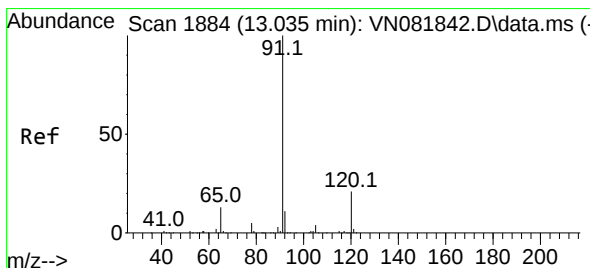
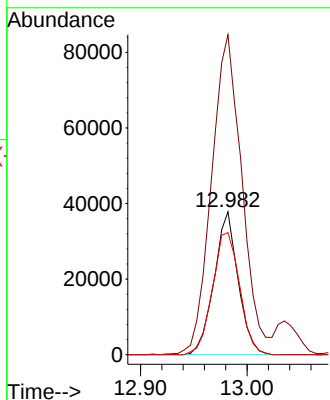
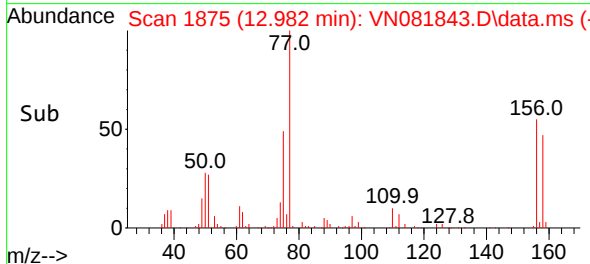
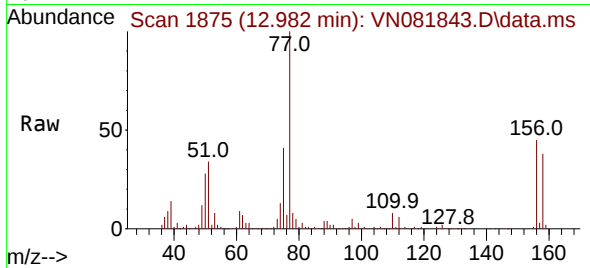
#77
Bromobenzene
Concen: 20.137 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 59120
Ion Ratio Lower Upper
156 100
77 285.1 100.2 300.6
158 96.6 49.1 147.3

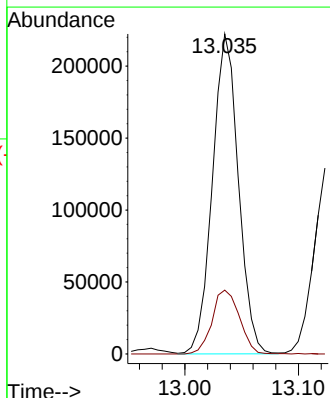
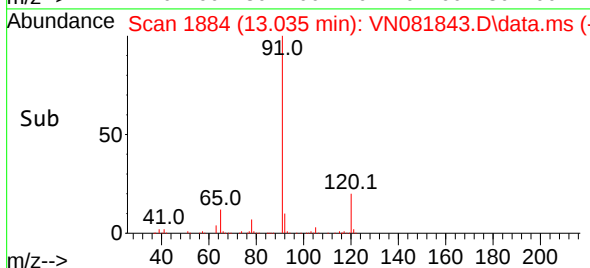
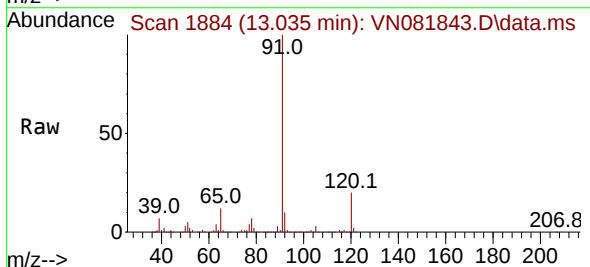
Manual Integrations
APPROVED

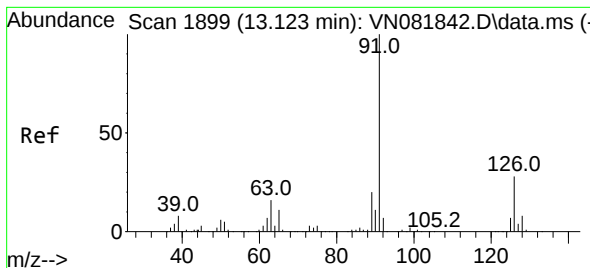
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#78
n-propylbenzene
Concen: 20.719 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Tgt Ion: 91 Resp: 353075
Ion Ratio Lower Upper
91 100
120 20.9 11.7 35.0





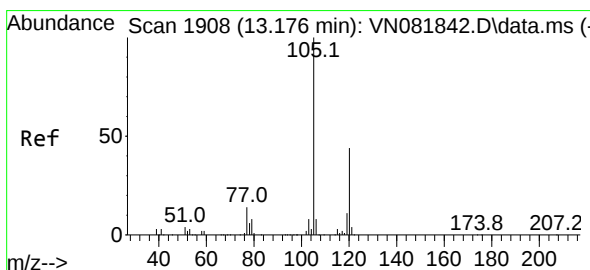
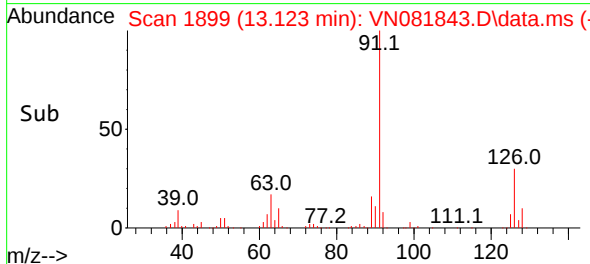
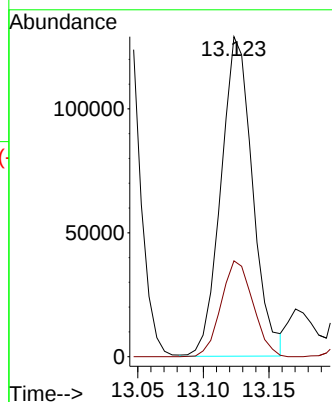
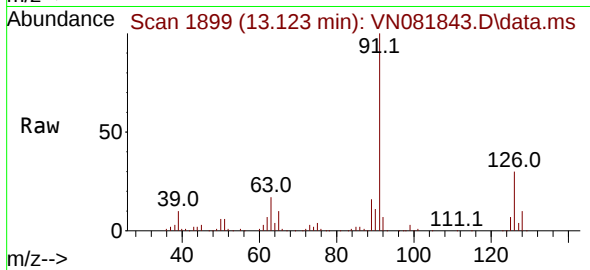
#79
2-Chlorotoluene
Concen: 20.010 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 216950
Ion Ratio Lower Upper
91 100
126 30.1 17.5 52.5

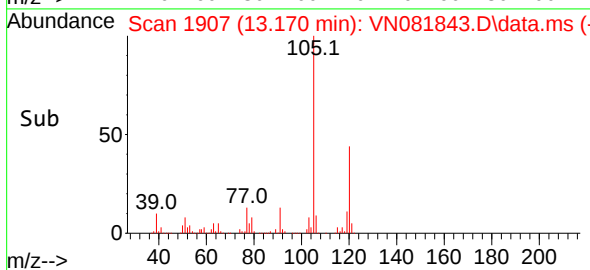
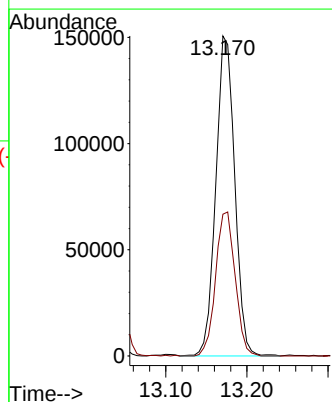
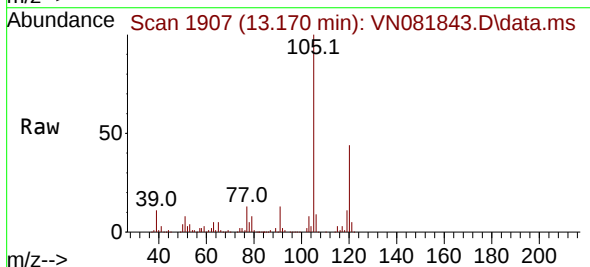
Manual Integrations
APPROVED

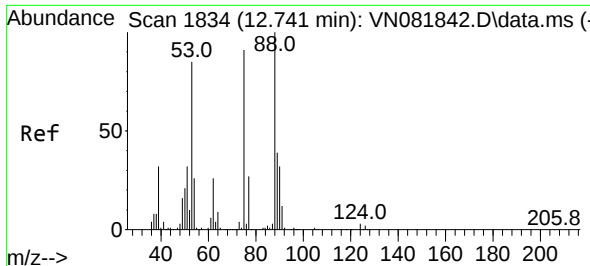
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.555 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

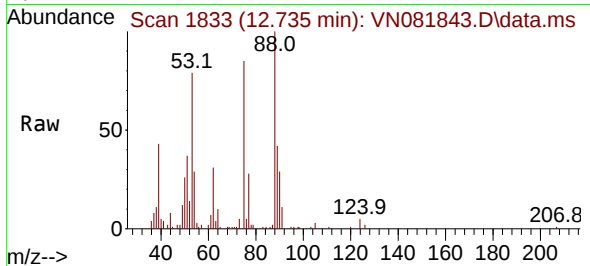
Tgt Ion:105 Resp: 244032
Ion Ratio Lower Upper
105 100
120 46.4 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.522 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

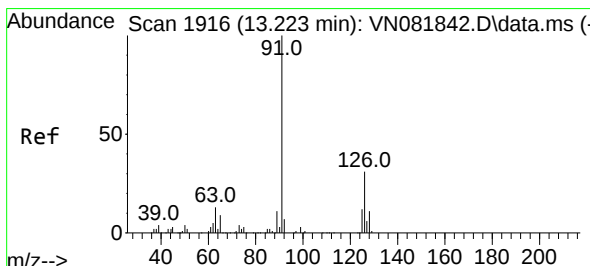
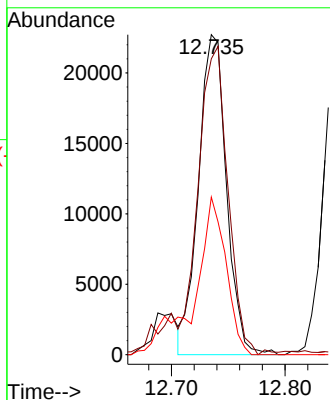
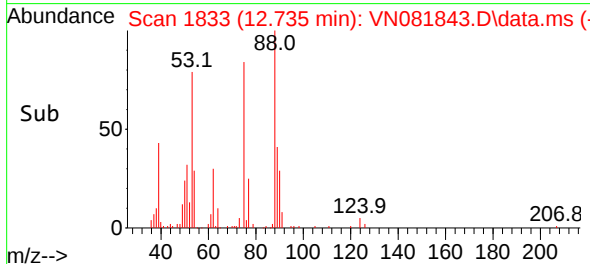
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 38978
Ion Ratio Lower Upper
75 100
53 112.9 72.9 109.3
89 56.1 39.1 58.7

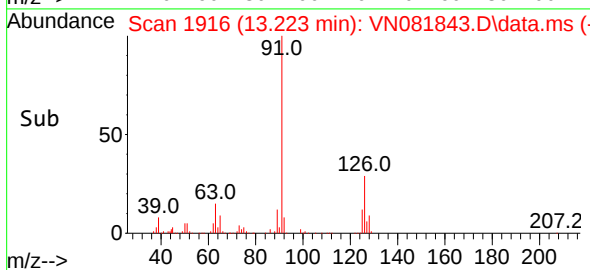
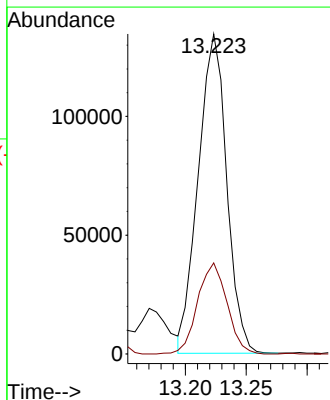
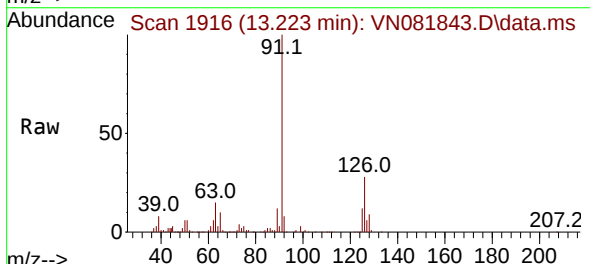
Manual Integrations
APPROVED

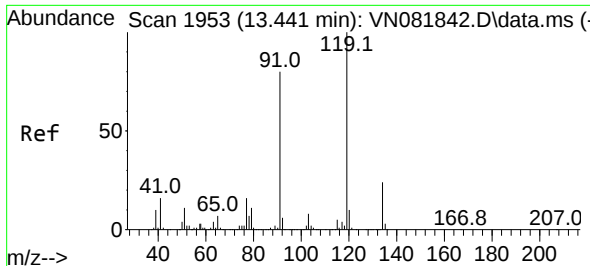
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#82
4-Chlorotoluene
Concen: 20.773 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

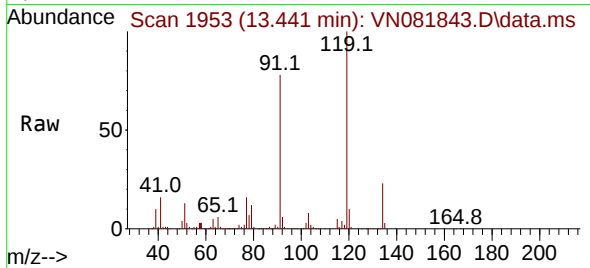
Tgt Ion: 91 Resp: 218659
Ion Ratio Lower Upper
91 100
126 29.4 17.4 52.3





#83
tert-Butylbenzene
Concen: 20.579 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

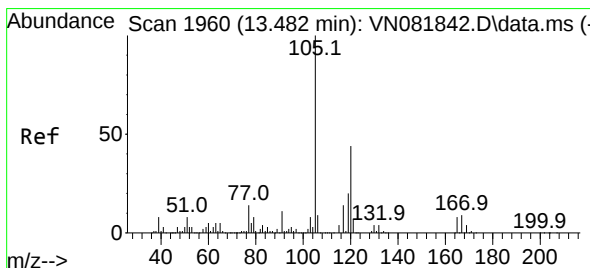
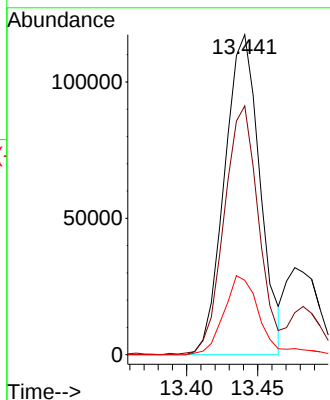
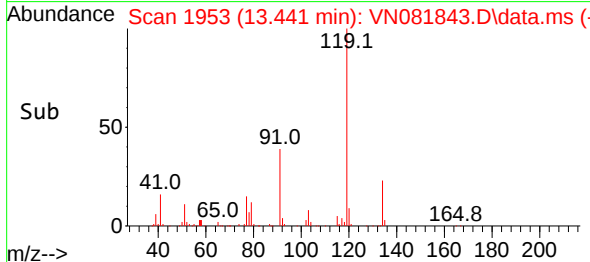
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



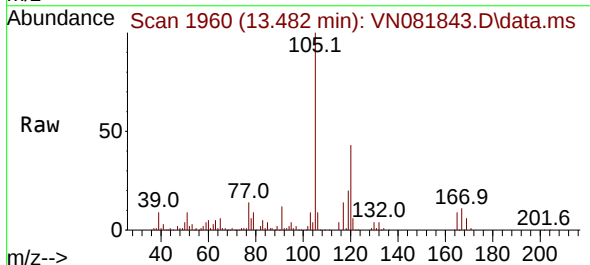
Tgt Ion:119 Resp: 203454
Ion Ratio Lower Upper
119 100
91 75.4 32.6 97.8
134 25.0 12.4 37.0

Manual Integrations
APPROVED

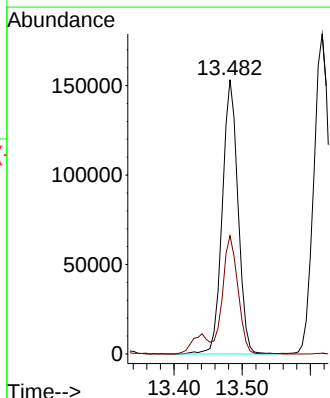
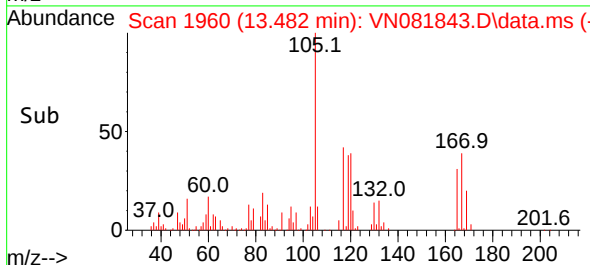
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

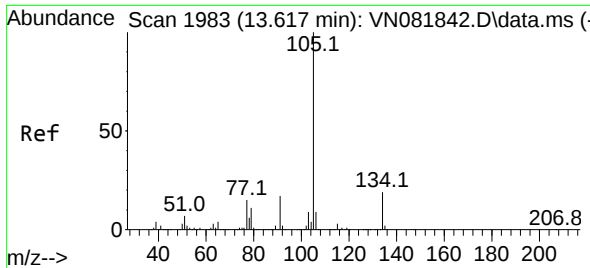


#84
1,2,4-Trimethylbenzene
Concen: 20.717 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19



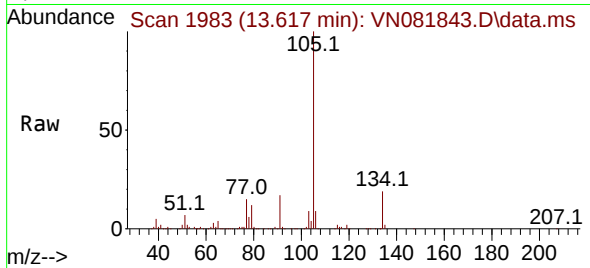
Tgt Ion:105 Resp: 245612
Ion Ratio Lower Upper
105 100
120 42.0 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 20.680 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081843.D
 Acq: 25 Apr 2024 11:19

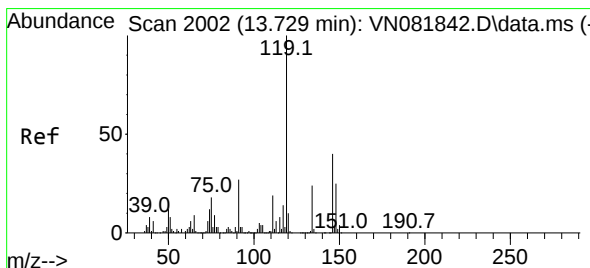
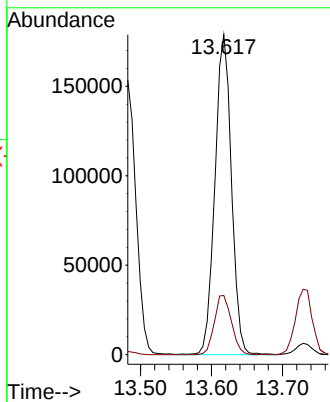
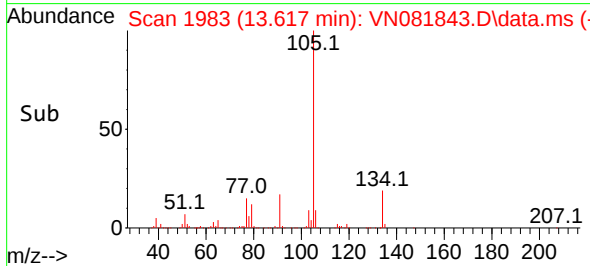
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 287999
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.2 30.4

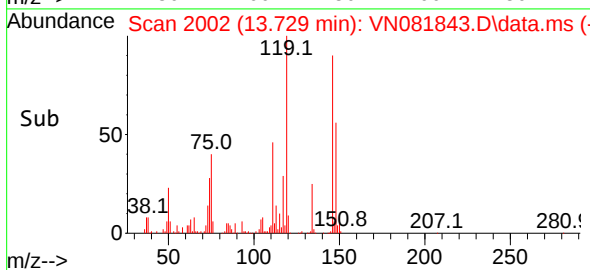
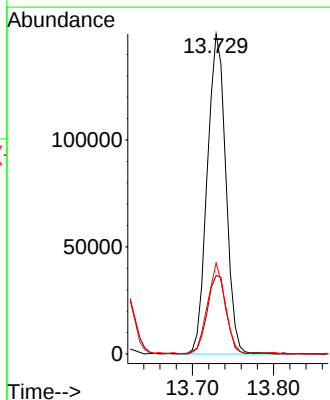
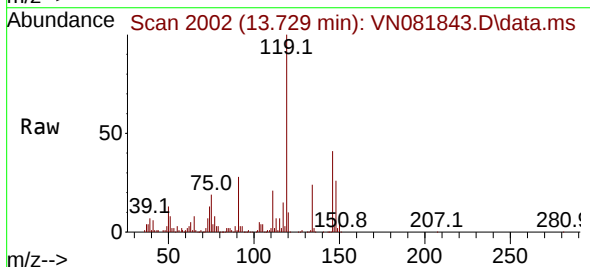
Manual Integrations
 APPROVED

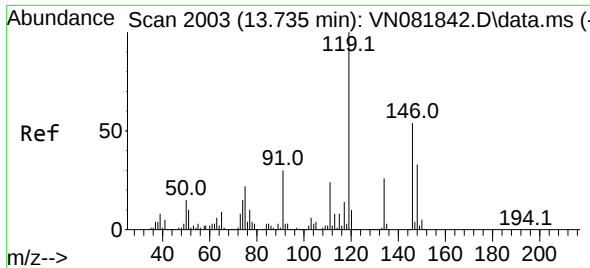
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#86
 p-Isopropyltoluene
 Concen: 21.247 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081843.D
 Acq: 25 Apr 2024 11:19

Tgt Ion:119 Resp: 237584
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 26.8 11.8 35.3





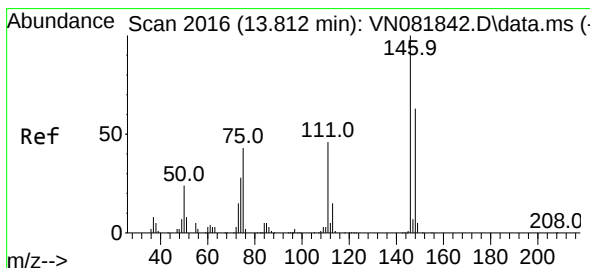
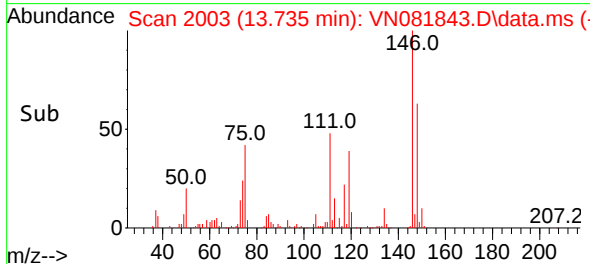
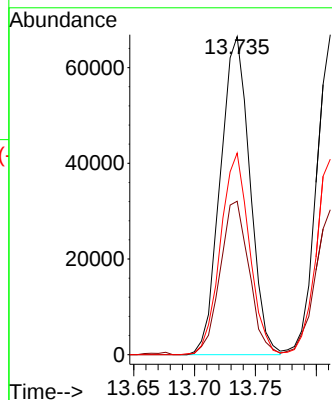
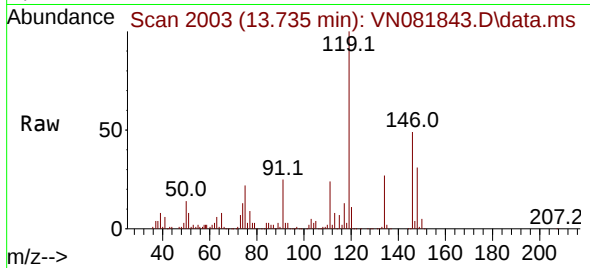
#87
 1,3-Dichlorobenzene
 Concen: 20.509 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081843.D
 Acq: 25 Apr 2024 11:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 112348
 Ion Ratio Lower Upper
 146 100
 111 47.3 20.8 62.5
 148 62.0 32.1 96.3

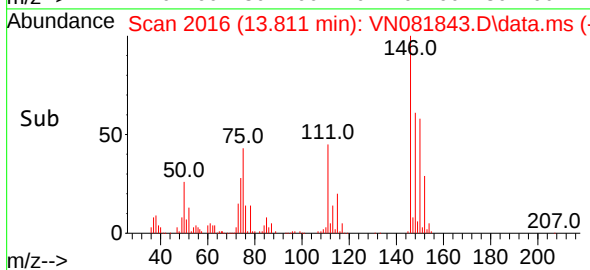
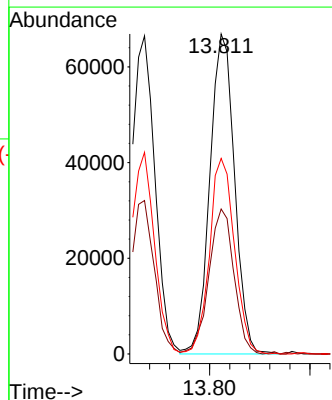
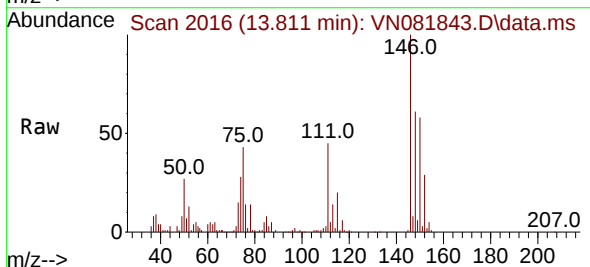
Manual Integrations
 APPROVED

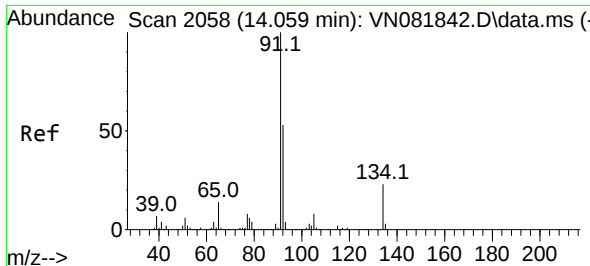
Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#88
 1,4-Dichlorobenzene
 Concen: 21.162 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081843.D
 Acq: 25 Apr 2024 11:19

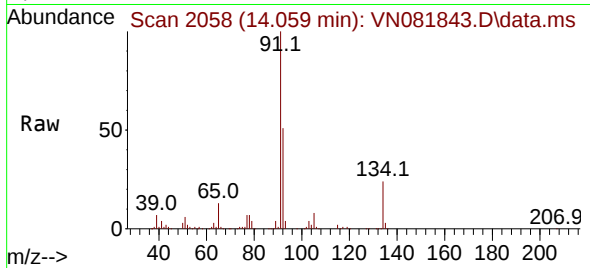
Tgt Ion:146 Resp: 114158
 Ion Ratio Lower Upper
 146 100
 111 46.2 19.3 57.9
 148 62.1 31.3 93.9





#89
n-Butylbenzene
Concen: 20.372 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

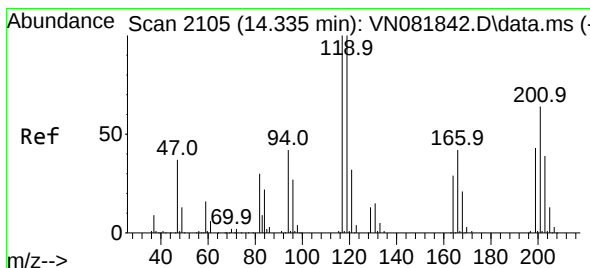
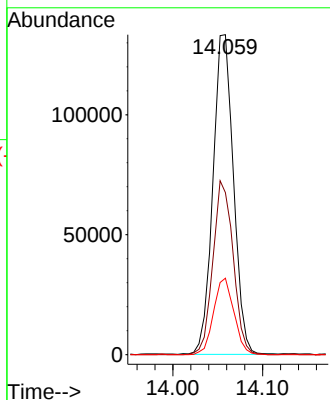
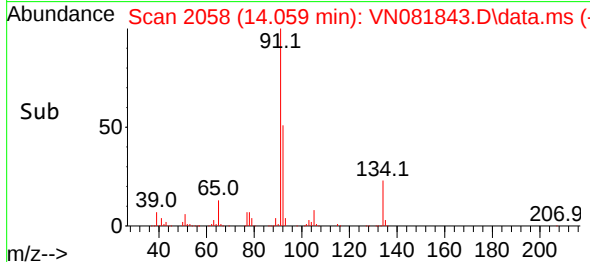
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 212039
Ion Ratio Lower Upper
91 100
92 53.6 26.2 78.5
134 23.7 13.2 39.5

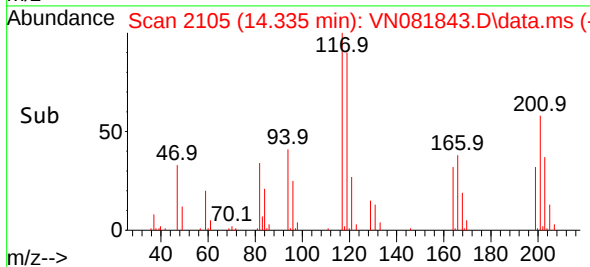
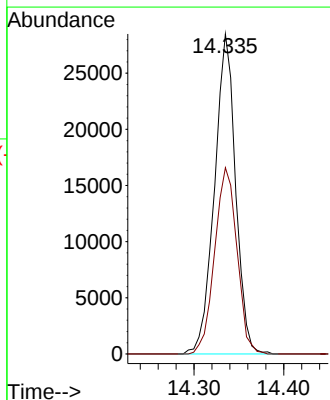
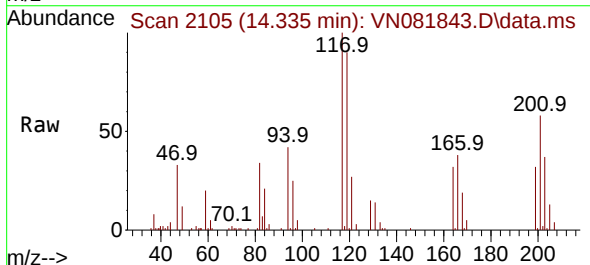
Manual Integrations
APPROVED

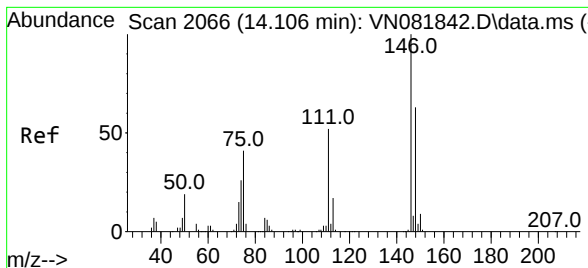
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#90
Hexachloroethane
Concen: 21.151 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Tgt Ion:117 Resp: 46525
Ion Ratio Lower Upper
117 100
201 61.5 33.3 99.8





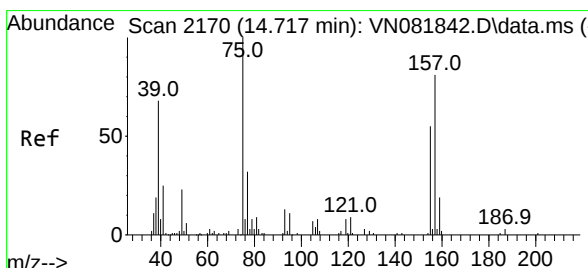
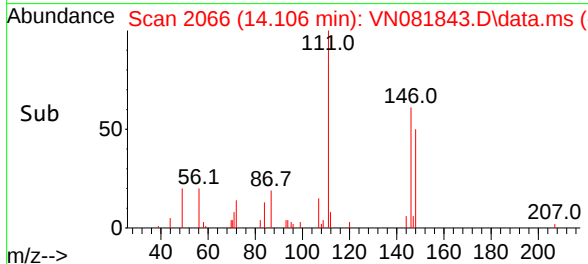
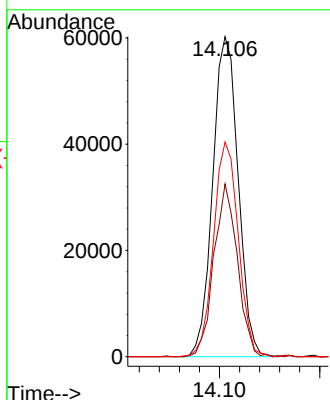
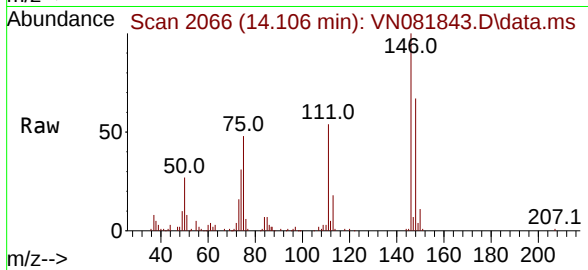
#91
1,2-Dichlorobenzene
Concen: 20.199 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 106070
Ion Ratio Lower Upper
146 100
111 50.2 21.3 64.0
148 65.2 31.8 95.4

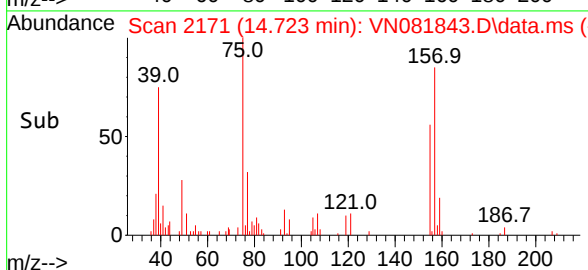
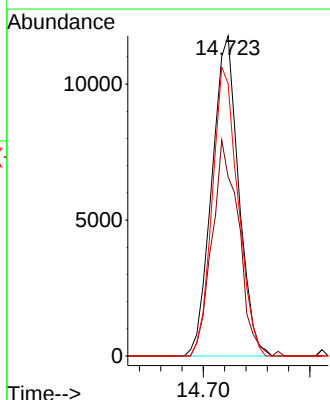
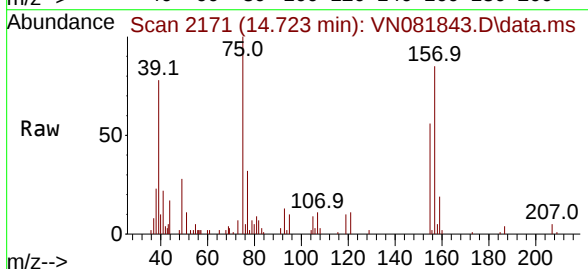
Manual Integrations
APPROVED

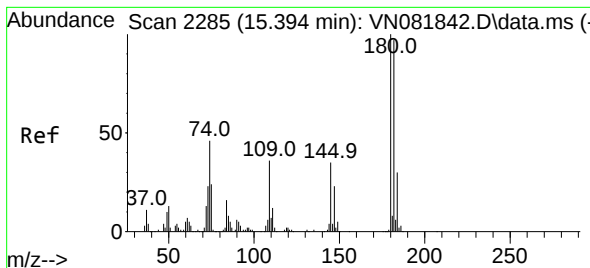
Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.994 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081843.D
Acq: 25 Apr 2024 11:19

Tgt Ion: 75 Resp: 20508
Ion Ratio Lower Upper
75 100
155 67.0 42.6 128.0
157 86.8 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 20.786 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 61068

Ion Ratio Lower Upper

180 100

182 93.1 46.7 140.0

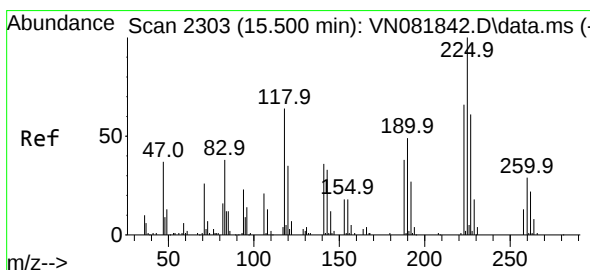
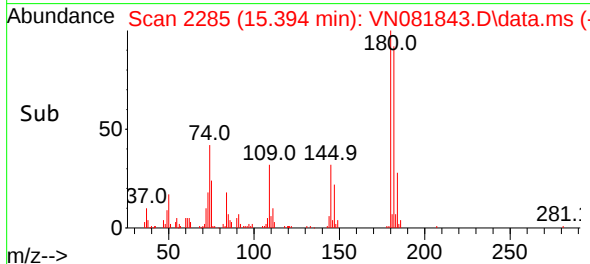
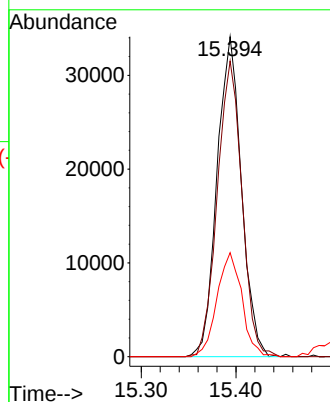
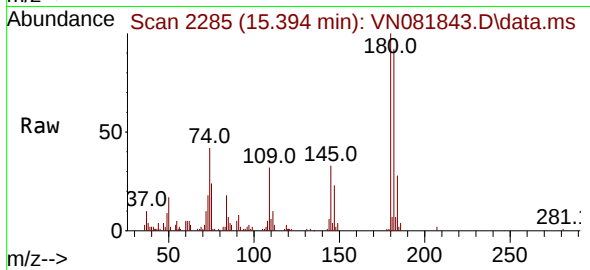
145 33.3 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#94

Hexachlorobutadiene

Concen: 20.916 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

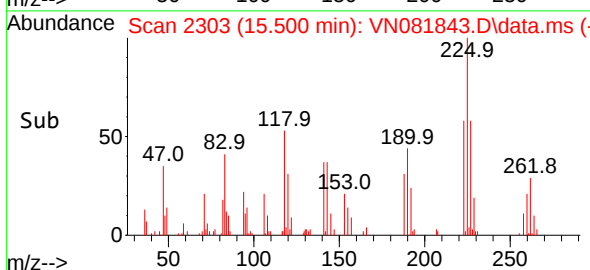
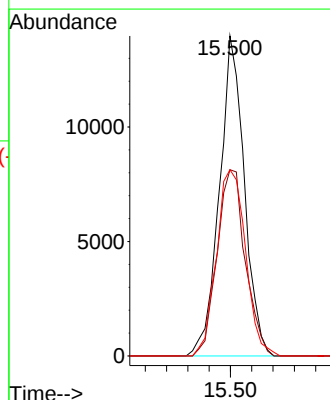
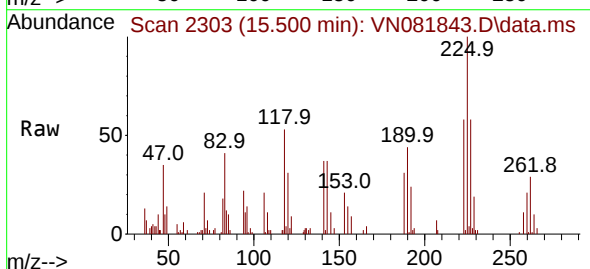
Tgt Ion:225 Resp: 22649

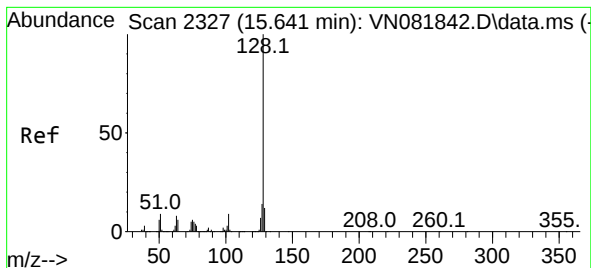
Ion Ratio Lower Upper

225 100

223 66.0 31.1 93.2

227 68.1 30.6 91.6





#95

Naphthalene

Concen: 20.851 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:128 Resp: 231472

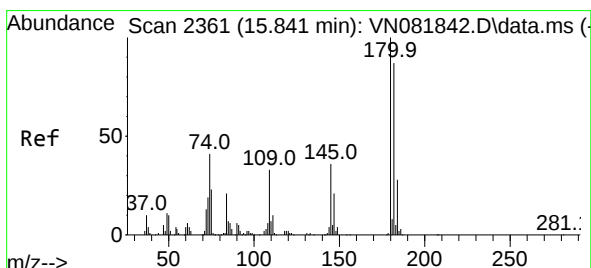
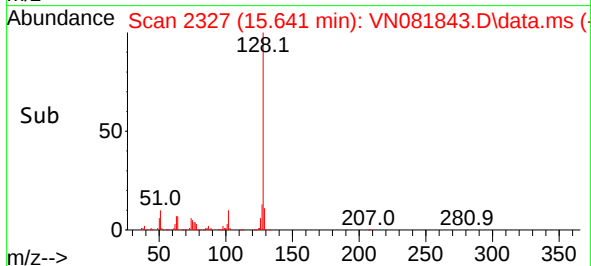
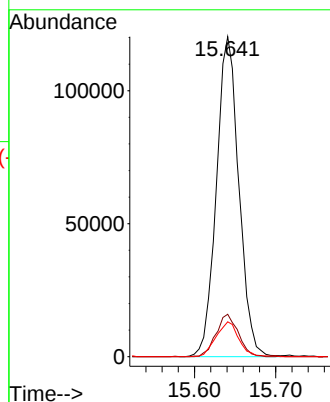
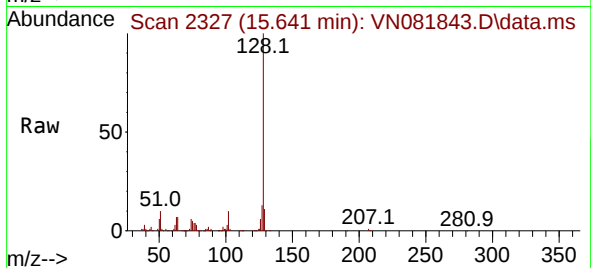
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	11.1	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 21.189 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081843.D

Acq: 25 Apr 2024 11:19

Tgt Ion:180 Resp: 59769

Ion	Ratio	Lower	Upper
180	100		
182	97.1	46.0	137.8
145	37.1	17.1	51.3

