

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081704.D
 Acq On : 11 Apr 2024 18:13
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2024
 Supervised By : Mahesh Dadoda 04/12/2024

Quant Time: Apr 12 06:04:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	24352	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	178533	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	233082	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	101135	33.806	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.700%#			
60) 4-Bromofluorobenzene	12.847	95	140808	30.727	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.433%			
63) Toluene-d8	10.565	98	283839	30.359	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	71832	21.110	ug/l	100
3) Chloromethane	2.359	50	72224	24.465	ug/l	98
4) Vinyl Chloride	2.518	62	80063	26.374	ug/l	98
5) Bromomethane	2.965	94	42536	16.545	ug/l	92
6) Chloroethane	3.130	64	58113	24.459	ug/l	100
7) Trichlorofluoromethane	3.501	101	116957	23.467	ug/l	100
8) Diethyl Ether	3.959	74	35300	18.990	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	65680m	19.209	ug/l	
10) 1,1-Dichloroethene	4.342	96	61183	19.511	ug/l	92
11) Methyl Iodide	4.589	142	34162	9.620	ug/l	83
12) Methyl Acetate	5.030	43	57431	19.945	ug/l	98
13) Acrolein	4.177	56	34100	89.918	ug/l	96
14) Acrylonitrile	5.724	53	138994	96.973	ug/l	95
15) Acetone	4.436	58	33511	106.301	ug/l	98
16) Carbon Disulfide	4.712	76	174827	19.606	ug/l #	94
17) Allyl chloride	5.018	41	72479	19.106	ug/l	91
18) Methylene Chloride	5.283	84	72425	20.057	ug/l	94
19) trans-1,2-Dichloroethene	5.795	96	65266m	18.979	ug/l	
20) Diisopropyl ether	6.677	45	180982	20.039	ug/l	97
21) 1,1-Dichloroethane	6.571	63	121058	20.104	ug/l #	94
22) cis-1,2-Dichloroethene	7.494	96	79745	19.203	ug/l	96
23) tert-Butyl Alcohol	5.524	59	48527	95.372	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	195005	19.883	ug/l	95
25) Chloroform	7.971	83	141829	20.701	ug/l	99
26) Cyclohexane	8.259	56	90912	18.833	ug/l #	85
29) 1,1-Dichloropropene	8.377	75	89561	19.081	ug/l	97
30) 2-Butanone	7.489	43	171454	95.648	ug/l #	97
31) 2,2-Dichloropropane	7.494	77	110748	18.943	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	127356	19.687	ug/l	99
33) Carbon Tetrachloride	8.365	117	111308	18.983	ug/l	93
34) Benzene	8.606	78	289126	19.122	ug/l	98
35) Methacrylonitrile	7.777	41	39613	19.510	ug/l #	89
36) 1,2-Dichloroethane	8.671	62	102976	20.764	ug/l	98
37) Trichloroethene	9.353	130	73530	18.378	ug/l	98
38) Methylcyclohexane	9.600	83	98501	17.170	ug/l	98
39) 1,2-Dichloropropane	9.624	63	70471	19.978	ug/l	98
40) Dibromomethane	9.712	93	55340	19.695	ug/l	95
41) Bromodichloromethane	9.888	83	113653	19.835	ug/l	98
42) Vinyl Acetate	6.606	43	714671	95.705	ug/l	99

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 Acq On : 11 Apr 2024 18:13
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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

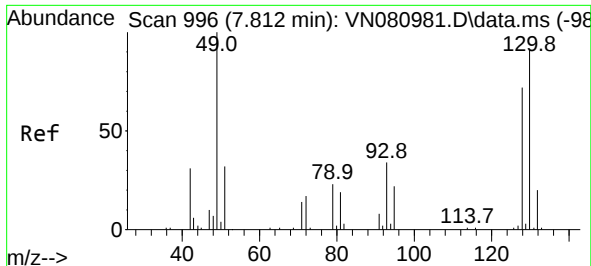
Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2024
 Supervised By : Mahesh Dadoda 04/12/2024

Quant Time: Apr 12 06:04:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	75244	19.046	ug/l	96
44) Isopropyl Acetate	8.688	43	127808	19.308	ug/l	96
45) 1,4-Dioxane	9.700	88	28497	389.987	ug/l	95
46) Methyl methacrylate	9.682	41	57601	19.350	ug/l	93
47) n-amyl Acetate	12.494	43	116110	19.548	ug/l	96
48) t-1,3-Dichloropropene	10.835	75	100091	18.335	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	111841	19.025	ug/l #	92
50) 1,1,2-Trichloroethane	11.018	97	74499	19.801	ug/l	96
51) Ethyl methacrylate	10.877	69	96758	18.470	ug/l	96
52) 1,3-Dichloropropane	11.165	76	118281	19.180	ug/l	98
53) Dibromochloromethane	11.359	129	85936	19.121	ug/l	97
54) 1,2-Dibromoethane	11.471	107	75113	19.314	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	242107	94.111	ug/l	98
56) Bromoform	12.582	173	53503	18.617	ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	403728	100.722	ug/l	93
59) 2-Hexanone	11.200	43	292414	97.139	ug/l	93
61) Tetrachloroethene	11.100	164	84332	19.526	ug/l	83
62) Toluene	10.635	91	327510	19.314	ug/l	100
64) Chlorobenzene	11.894	112	205524	19.114	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	73647	18.855	ug/l	94
66) Ethyl Benzene	11.965	91	338153	18.756	ug/l	98
67) m/p-Xylenes	12.071	106	273701	38.326	ug/l	95
68) o-Xylene	12.400	106	126485	18.657	ug/l	100
69) Styrene	12.412	104	216943	18.789	ug/l	96
70) Isopropylbenzene	12.700	105	330935	18.921	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	93496	20.464	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	77151m	18.240	ug/l	
73) Bromobenzene	12.982	156	81101	18.713	ug/l	95
74) n-propylbenzene	13.035	91	394562	18.846	ug/l	99
75) 2-Chlorotoluene	13.129	91	243342	19.510	ug/l	95
76) 1,3,5-Trimethylbenzene	13.176	105	287907	19.394	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	29987	17.119	ug/l	90
78) 4-Chlorotoluene	13.223	91	245164	19.817	ug/l	96
79) tert-butylbenzene	13.441	119	236663	18.739	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	284794	19.236	ug/l	98
81) sec-Butylbenzene	13.618	105	353203	19.392	ug/l	100
82) p-Isopropyltoluene	13.729	119	284469	18.622	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	155006	19.138	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	152332	19.429	ug/l	97
85) n-Butylbenzene	14.059	91	233490	18.146	ug/l	99
86) Hexachloroethane	14.335	117	53071	18.185	ug/l	87
87) 1,2-Dichlorobenzene	14.112	146	154658	20.060	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	19403	19.481	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	79241	18.752	ug/l	98
90) Hexachlorobutadiene	15.506	225	31802	18.780	ug/l	98
91) Naphthalene	15.647	128	254607	18.741	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	79241	18.752	ug/l	98

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



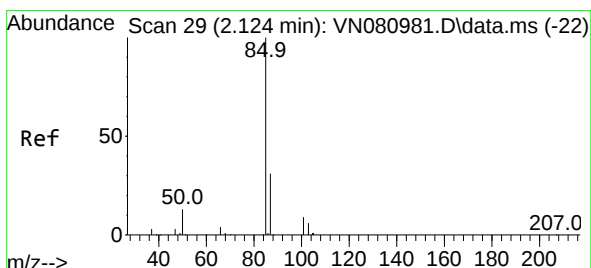
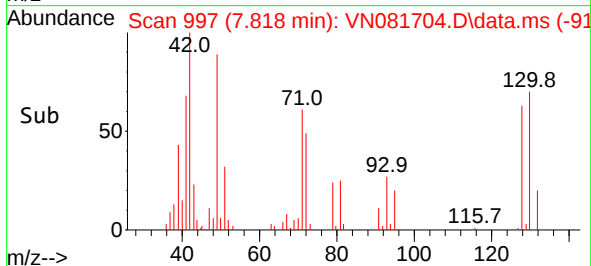
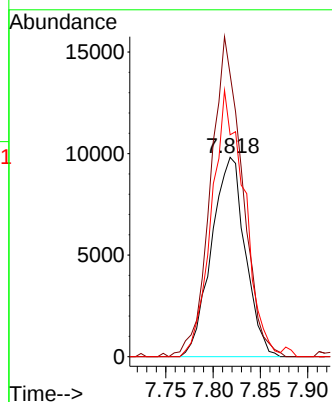
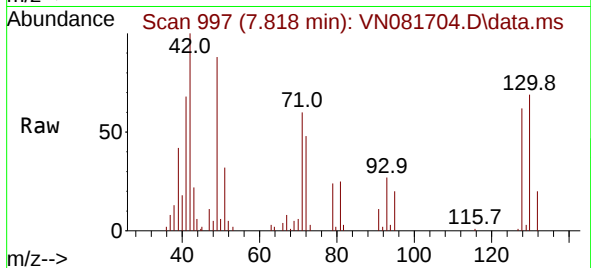
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 2435
Ion Ratio Lower Upper
128 100
49 150.1 0.0 403.7
130 129.4 0.0 323.3

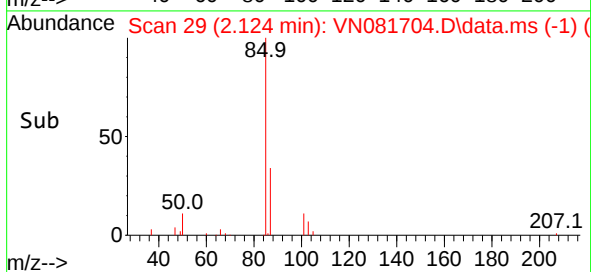
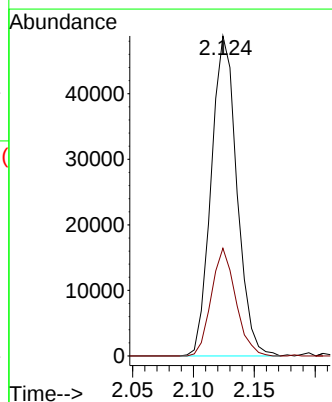
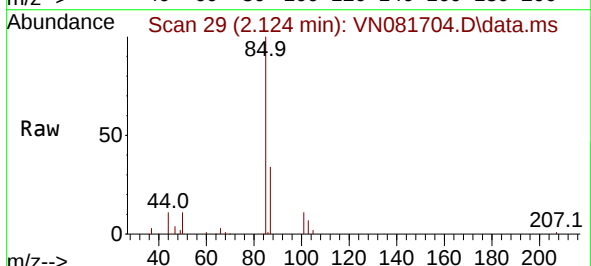
Manual Integrations
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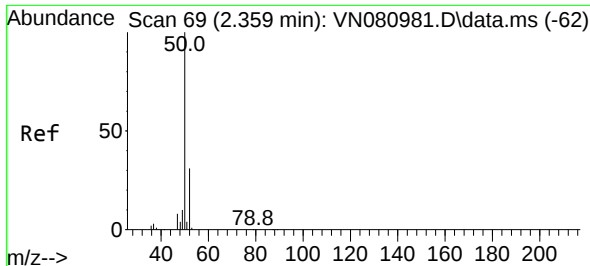
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#2
Dichlorodifluoromethane
Concen: 21.110 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Tgt Ion: 85 Resp: 71832
Ion Ratio Lower Upper
85 100
87 33.7 16.8 50.3





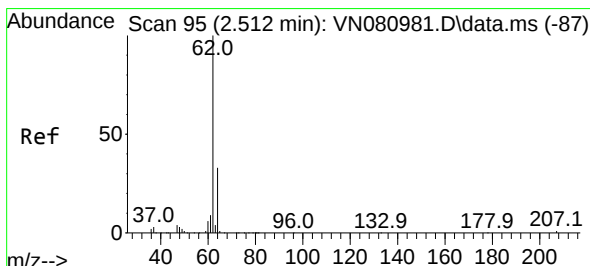
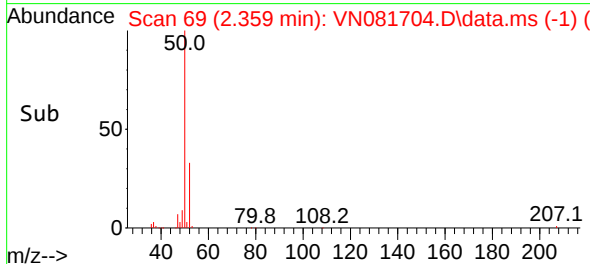
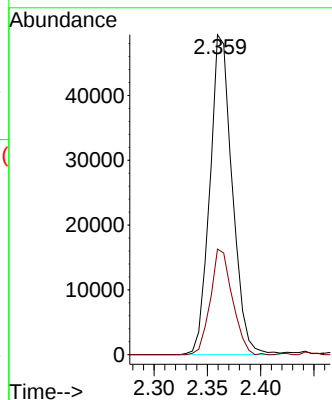
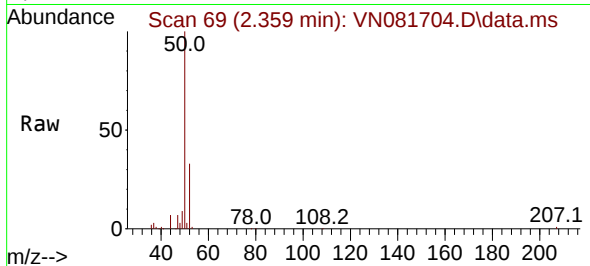
#3
Chloromethane
Concen: 24.465 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 72224
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.0

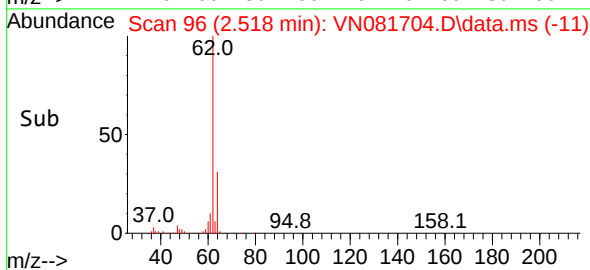
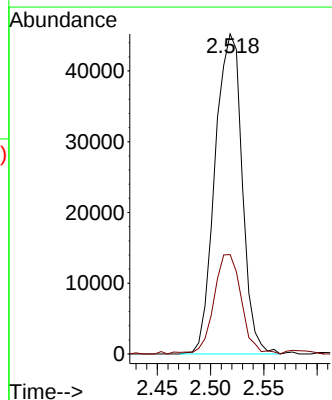
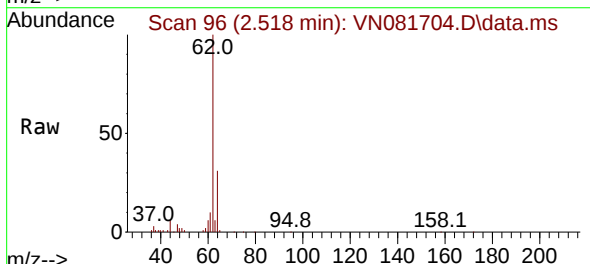
Manual Integrations
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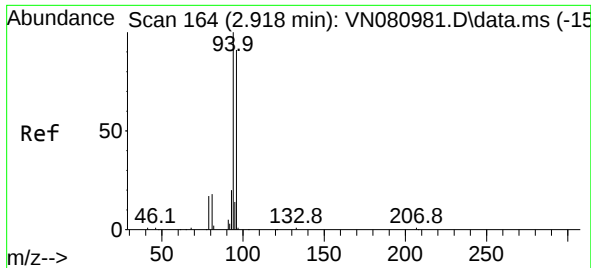
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#4
Vinyl Chloride
Concen: 26.374 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Tgt Ion: 62 Resp: 80063
Ion Ratio Lower Upper
62 100
64 31.1 24.1 36.1





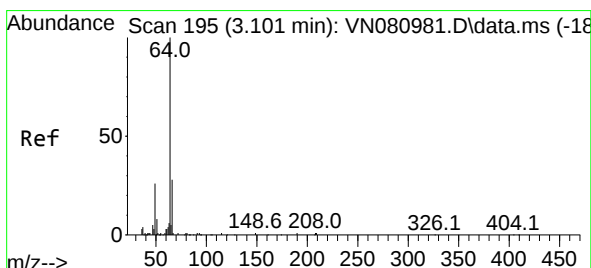
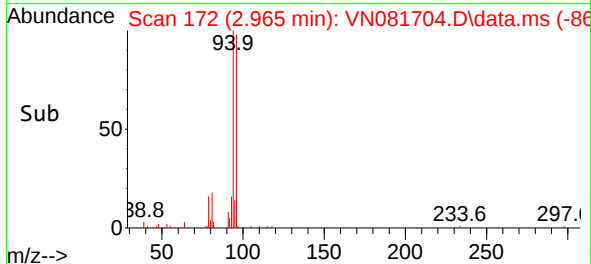
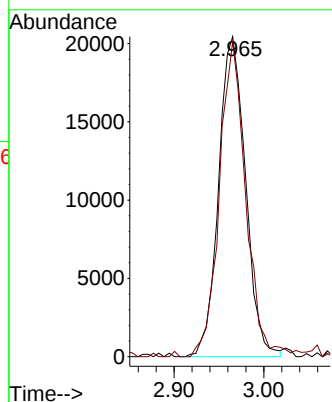
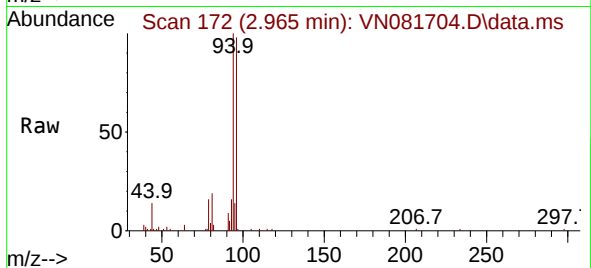
#5
Bromomethane
Concen: 16.545 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 42530
Ion Ratio Lower Upper
94 100
96 98.5 72.8 109.2

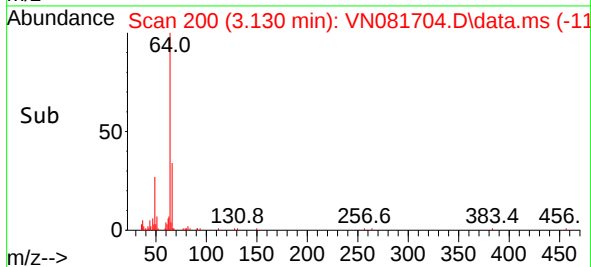
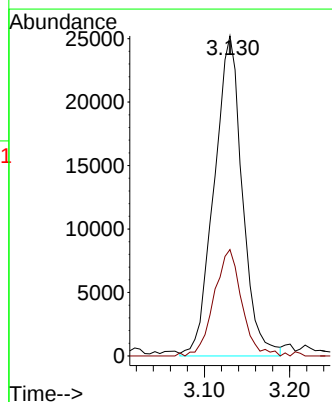
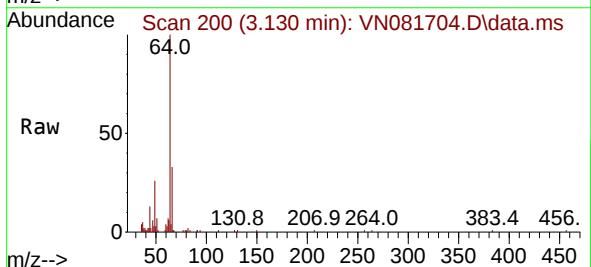
Manual Integrations
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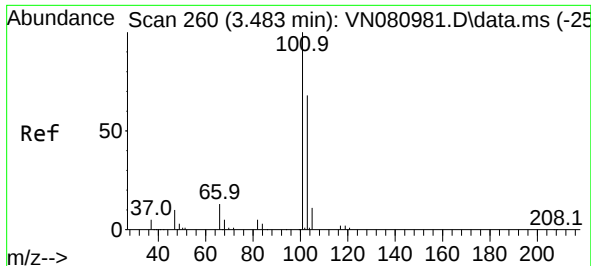
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#6
Chloroethane
Concen: 24.459 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Tgt Ion: 64 Resp: 58113
Ion Ratio Lower Upper
64 100
66 33.5 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 23.467 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081704.D
 Acq: 11 Apr 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

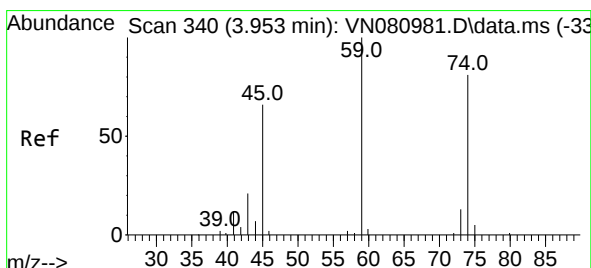
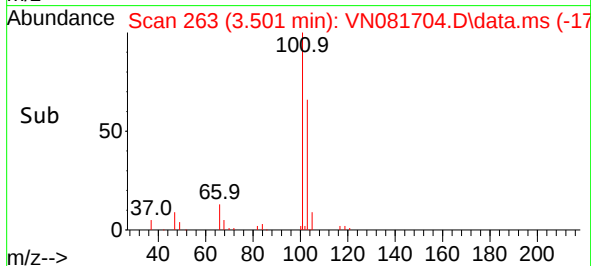
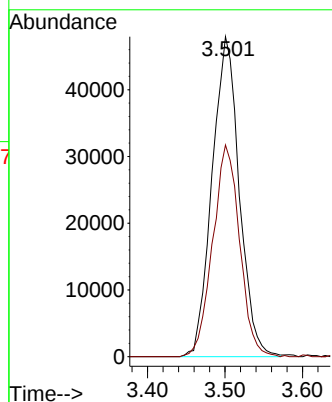
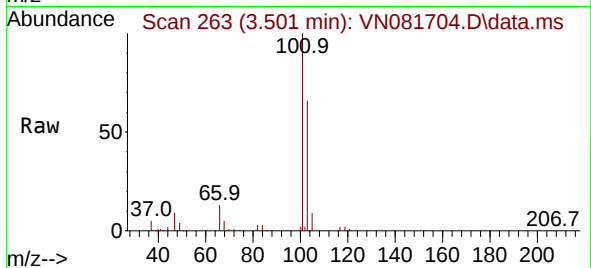
Tgt Ion:101 Resp: 11695
 Ion Ratio Lower Upper
 101 100
 103 66.1 53.0 79.4

Manual Integrations

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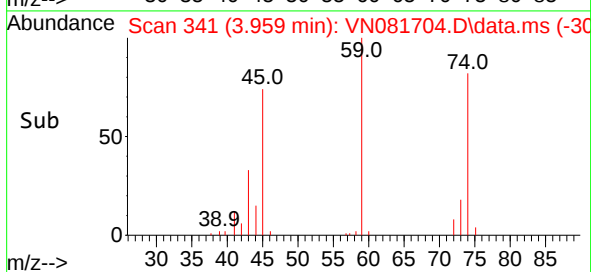
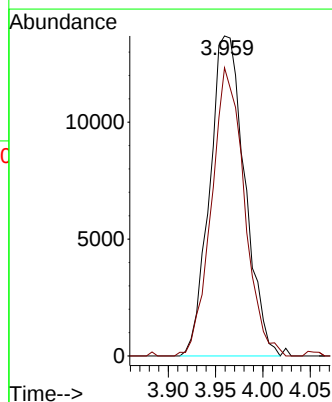
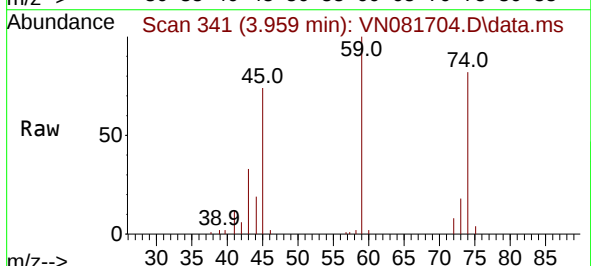
Reviewed By :John Carlone 04/12/2024

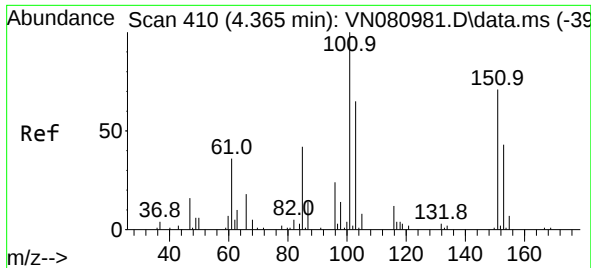
Supervised By :Mahesh Dadoda 04/12/2024



#8
 Diethyl Ether
 Concen: 18.990 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN081704.D
 Acq: 11 Apr 2024 18:13

Tgt Ion: 74 Resp: 35300
 Ion Ratio Lower Upper
 74 100
 45 84.2 16.4 147.4





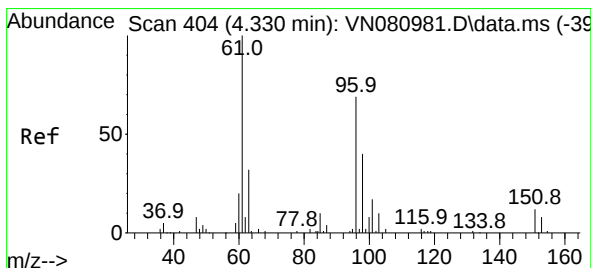
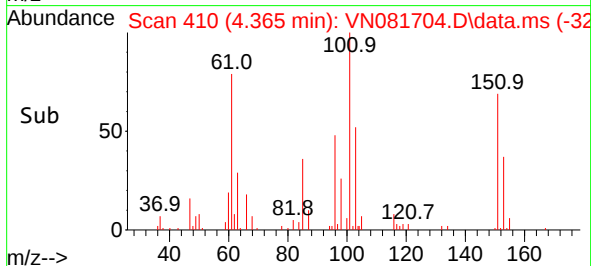
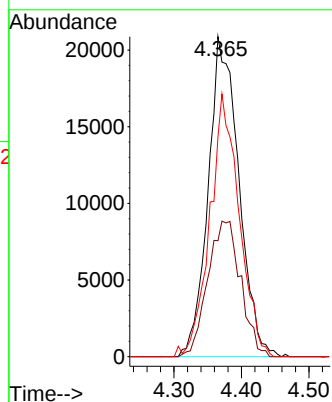
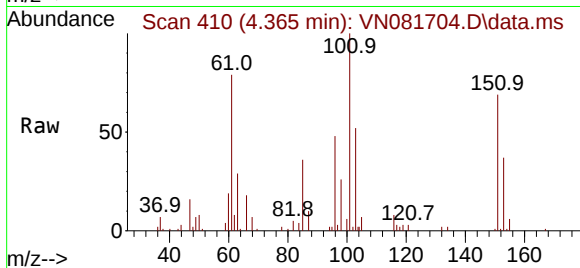
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1,1,2-Trichlorotrifluoroethane
Concen: 19.209 ug/l m
RT: 4.365 min Scan# 410
Delta R.T. -0.012 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 65680
Ion Ratio Lower Upper
101 100
85 45.4 0.0 90.6
151 78.2 0.0 157.6

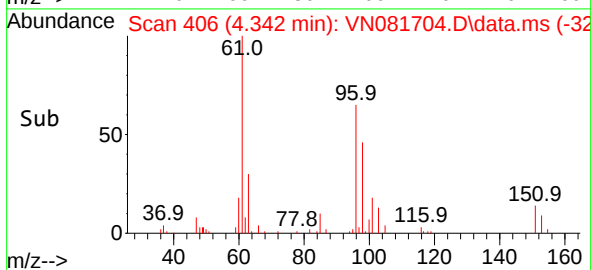
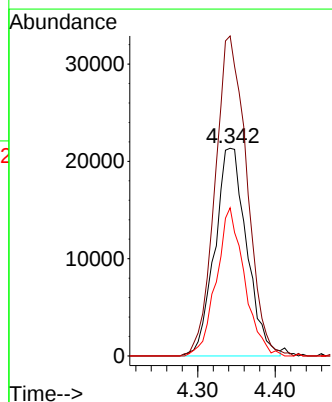
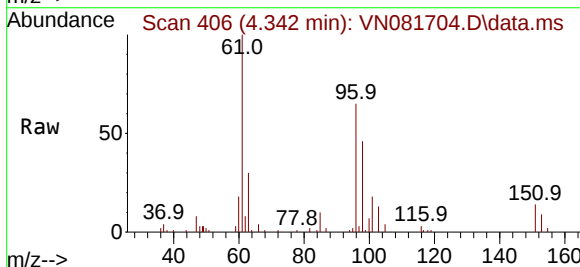
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#10
1,1-Dichloroethene
Concen: 19.511 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

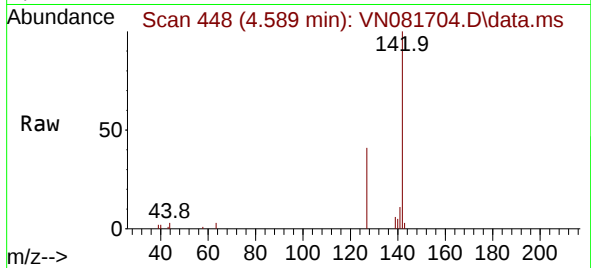
Tgt Ion: 96 Resp: 61183
Ion Ratio Lower Upper
96 100
61 154.0 117.6 176.4
98 71.4 48.4 72.6





#11
Methyl Iodide
Concen: 9.620 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

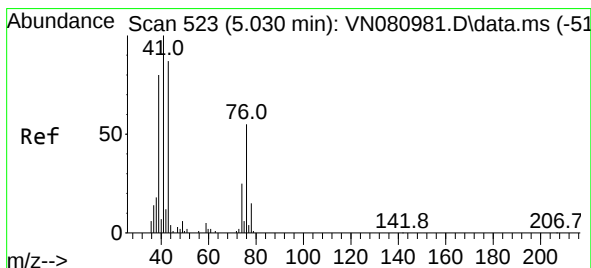
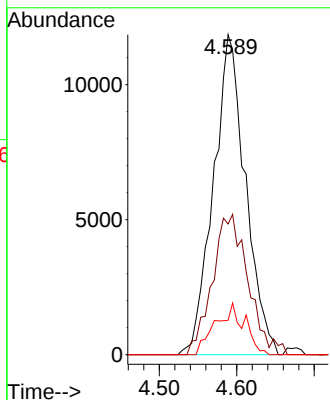
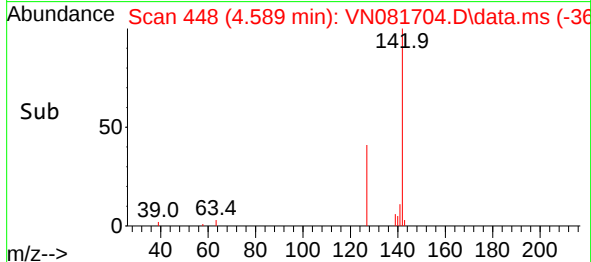
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 34162
Ion Ratio Lower Upper
142 100
127 39.4 26.3 78.9
141 10.8 8.3 24.9

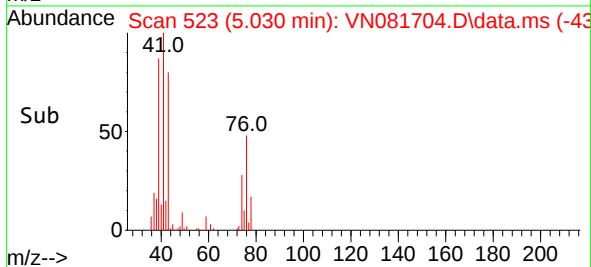
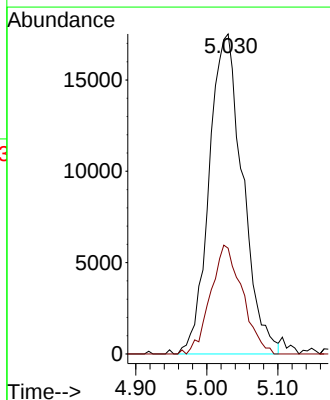
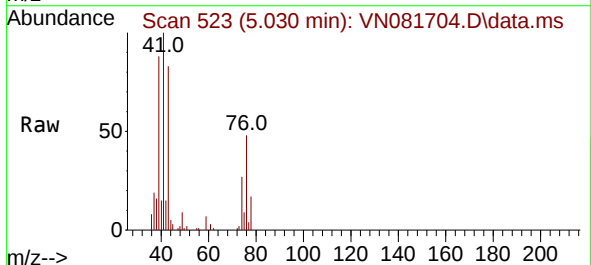
Manual Integrations
APPROVED

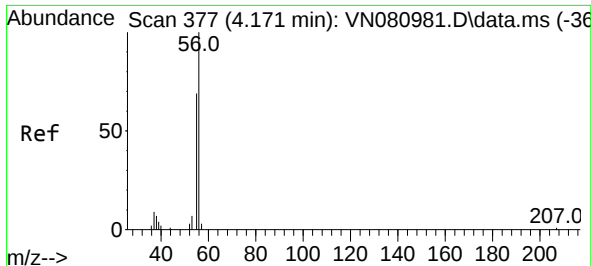
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#12
Methyl Acetate
Concen: 19.945 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

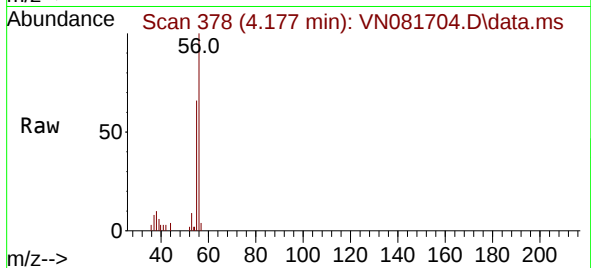
Tgt Ion: 43 Resp: 57431
Ion Ratio Lower Upper
43 100
74 33.6 27.7 41.5





#13
Acrolein
Concen: 89.918 ug/l
RT: 4.177 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

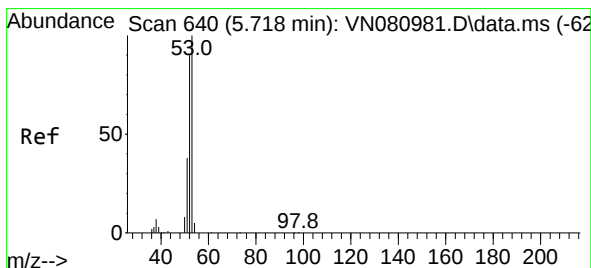
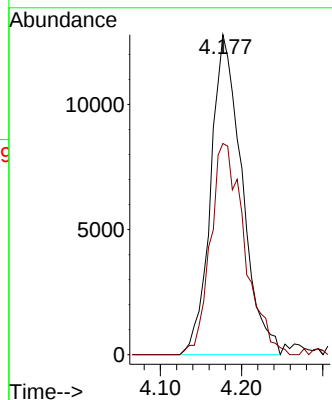
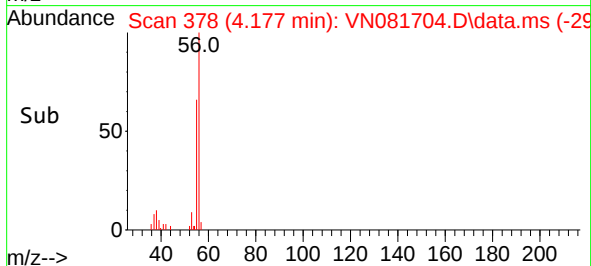
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 34100
Ion Ratio Lower Upper
56 100
55 72.5 55.5 83.3

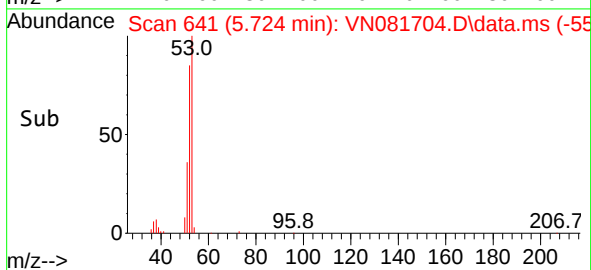
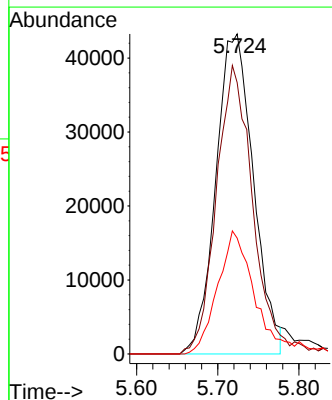
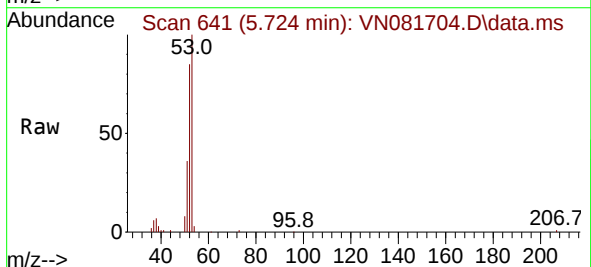
Manual Integrations
APPROVED

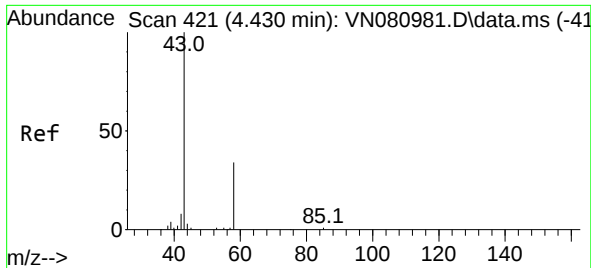
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#14
Acrylonitrile
Concen: 96.973 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Tgt Ion: 53 Resp: 138994
Ion Ratio Lower Upper
53 100
52 86.1 41.3 123.9
51 37.2 16.8 50.3





#15

Acetone

Concen: 106.301 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN081704.D

Acq: 11 Apr 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 3351

Ion Ratio Lower Upper

58 100

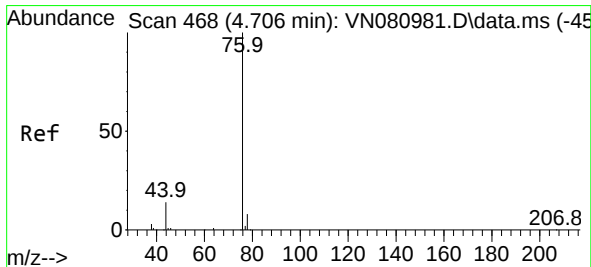
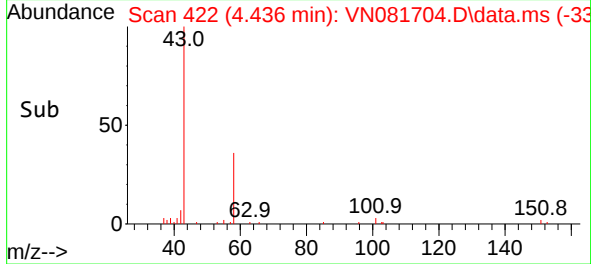
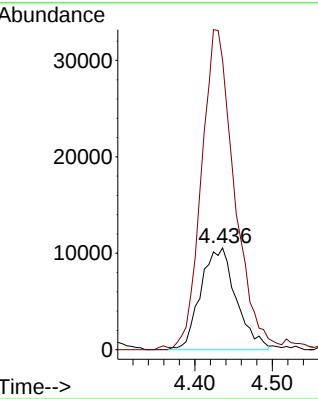
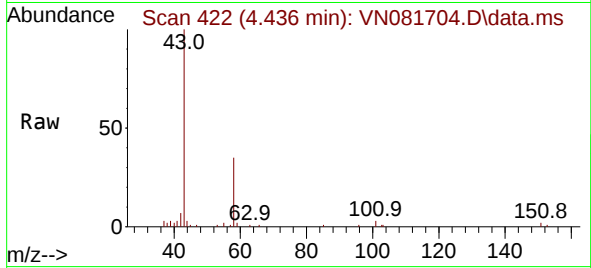
43 282.4 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2024

Supervised By :Mahesh Dadoda 04/12/2024



#16

Carbon Disulfide

Concen: 19.606 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN081704.D

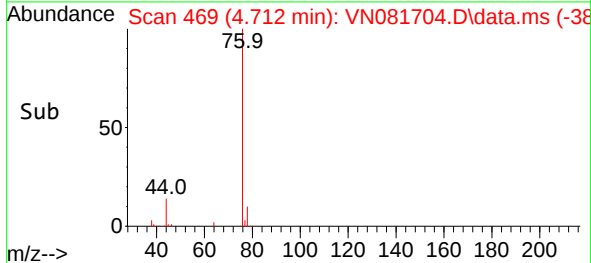
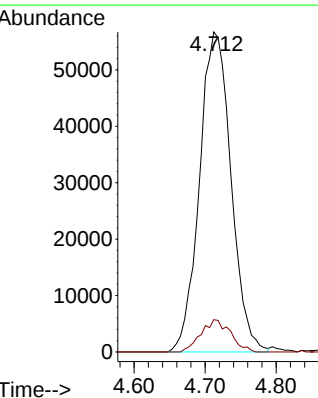
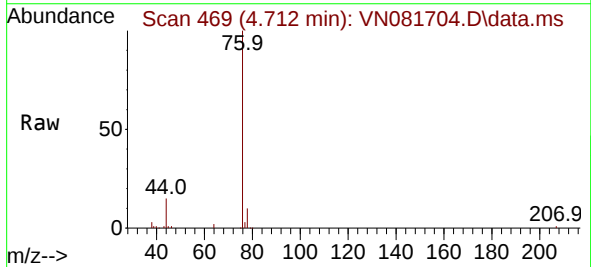
Acq: 11 Apr 2024 18:13

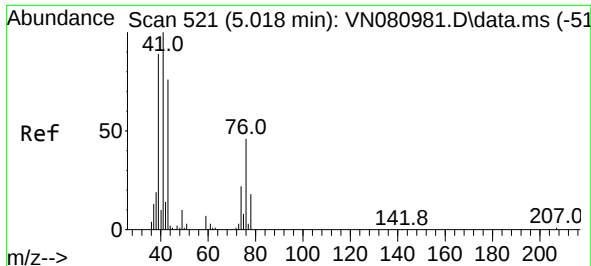
Tgt Ion: 76 Resp: 174827

Ion Ratio Lower Upper

76 100

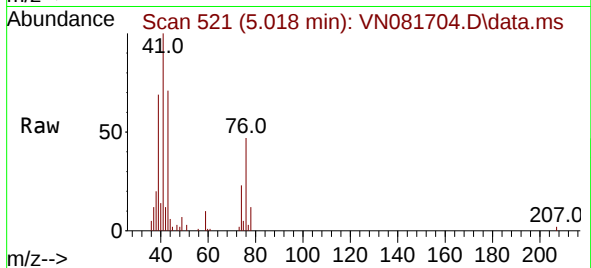
78 10.1 6.3 9.5#





#17
Allyl chloride
Concen: 19.106 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

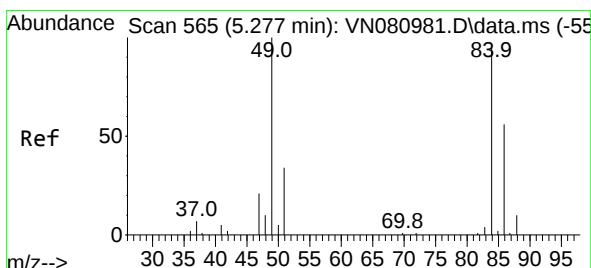
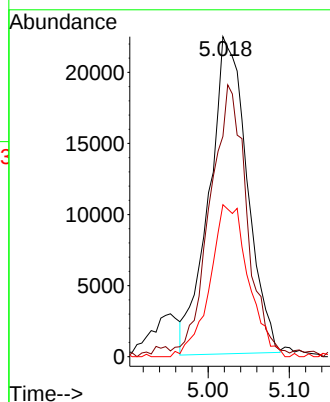
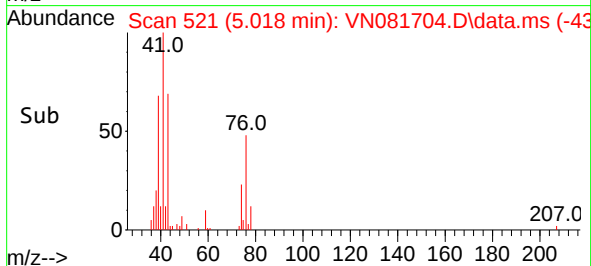
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:	41	Resp:	72479
Ion	Ratio	Lower	Upper
41	100		
39	68.2	37.6	112.9
76	47.5	27.8	83.4

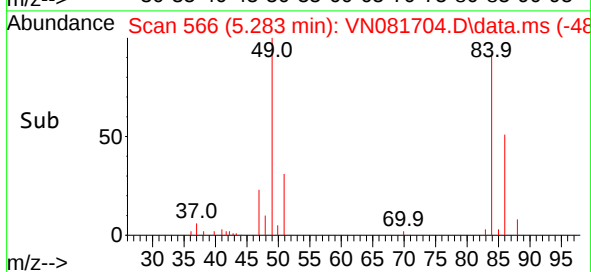
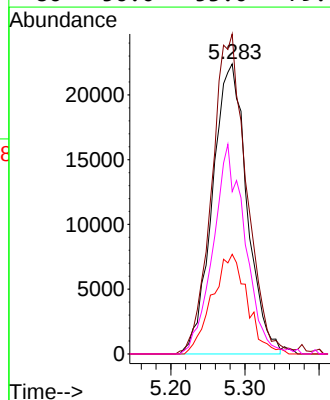
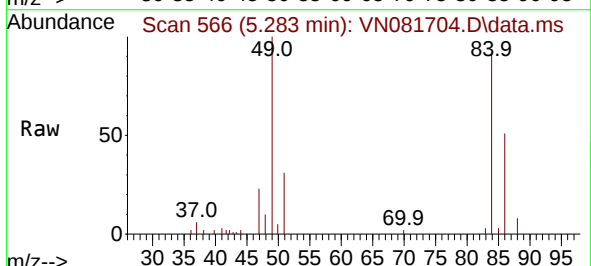
Manual Integrations
APPROVED

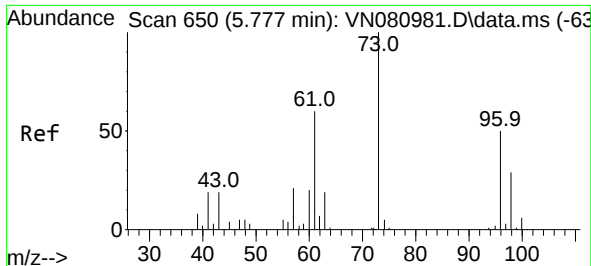
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#18
Methylene Chloride
Concen: 20.057 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

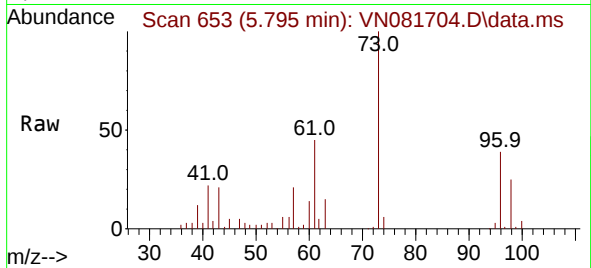
Tgt Ion:	84	Resp:	72425
Ion	Ratio	Lower	Upper
84	100		
49	109.4	86.0	129.0
51	34.4	30.0	45.0
86	56.0	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 18.979 ug/l m
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

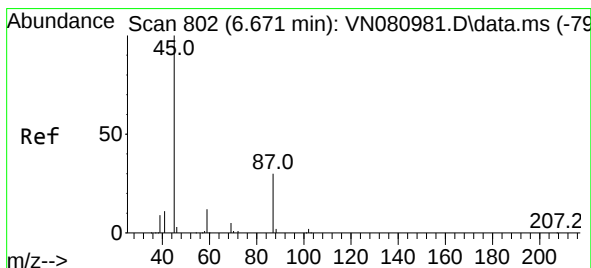
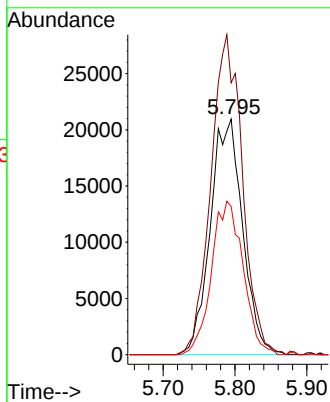
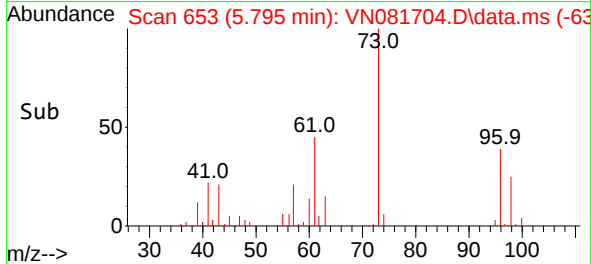
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



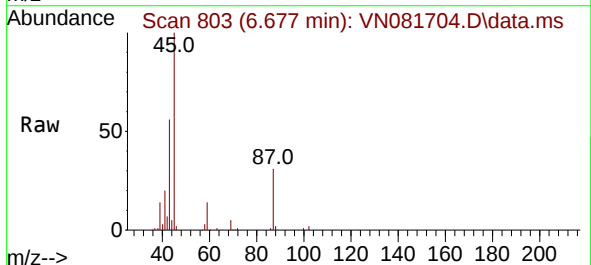
Tgt Ion: 96 Resp: 65260
Ion Ratio Lower Upper
96 100
61 115.4 111.8 167.6
98 63.0 49.2 73.8

Manual Integrations
APPROVED

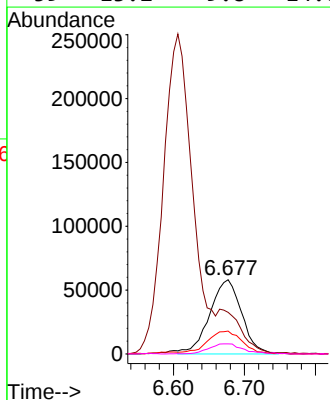
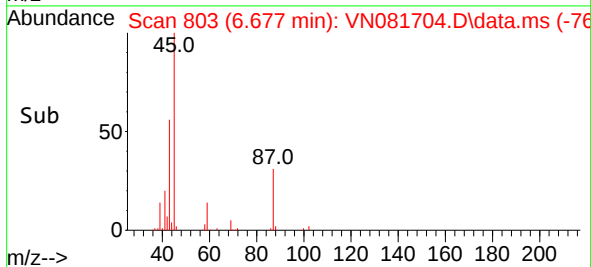
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

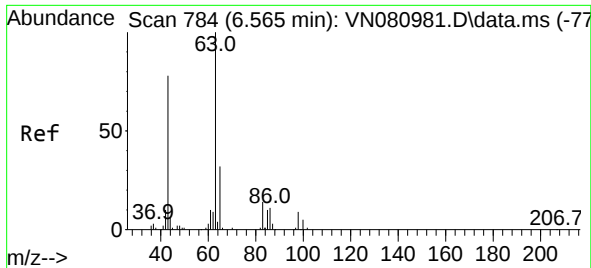


#20
Diisopropyl ether
Concen: 20.039 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13



Tgt Ion: 45 Resp: 180982
Ion Ratio Lower Upper
45 100
43 53.6 40.4 60.6
87 30.4 23.8 35.8
59 13.2 9.8 14.6





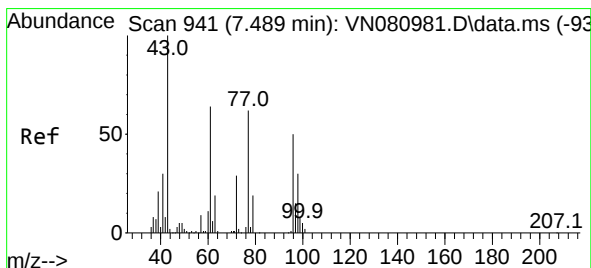
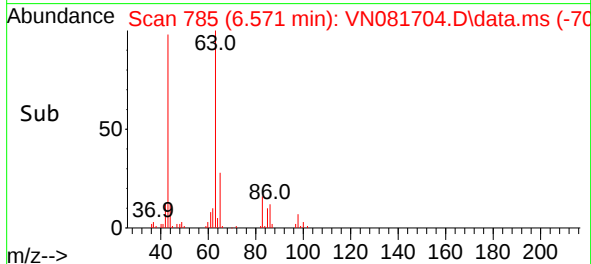
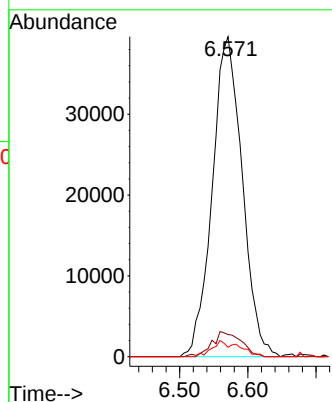
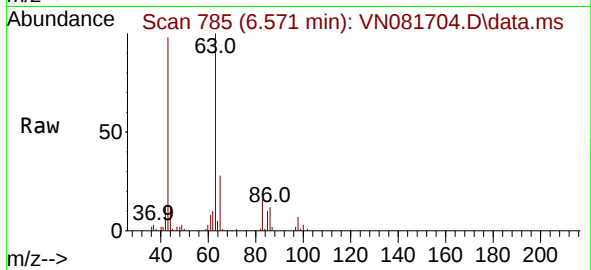
#21
1,1-Dichloroethane
Concen: 20.104 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 121058
Ion Ratio Lower Upper
63 100
98 6.9 4.1 12.3
100 2.9 3.0 9.0

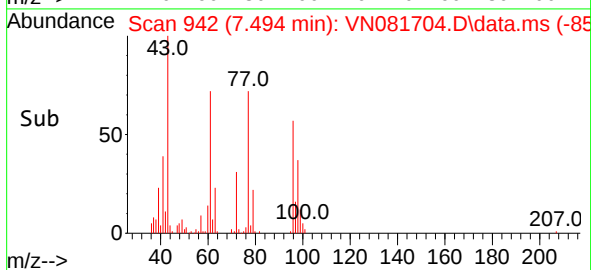
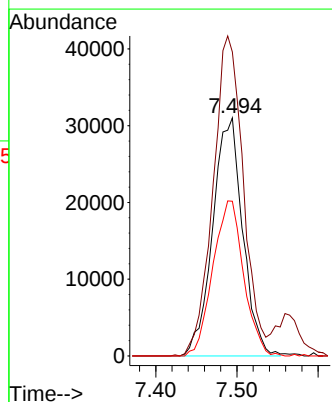
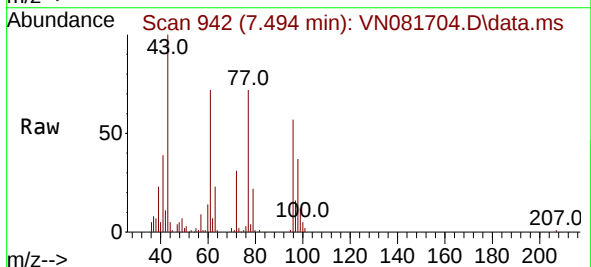
Manual Integrations
APPROVED

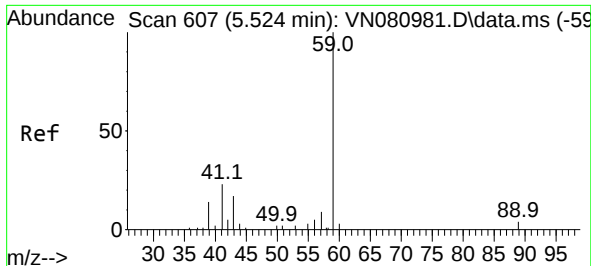
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#22
cis-1,2-Dichloroethene
Concen: 19.203 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

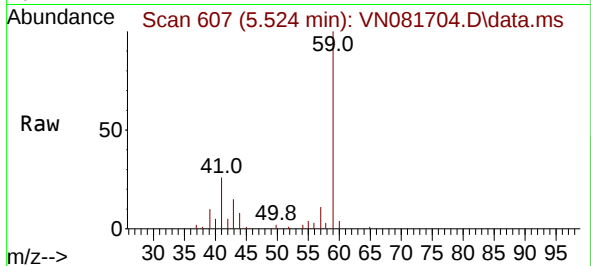
Tgt Ion: 96 Resp: 79745
Ion Ratio Lower Upper
96 100
61 135.2 113.5 170.3
98 66.5 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 95.372 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

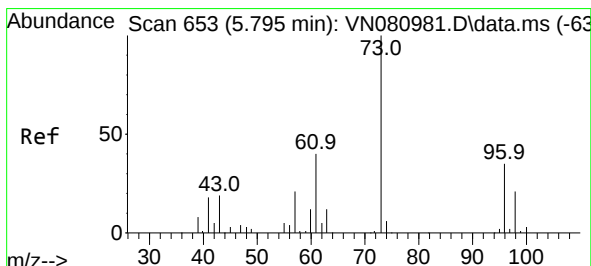
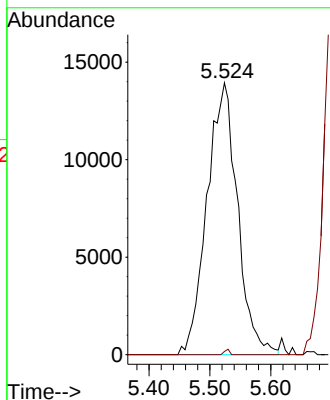
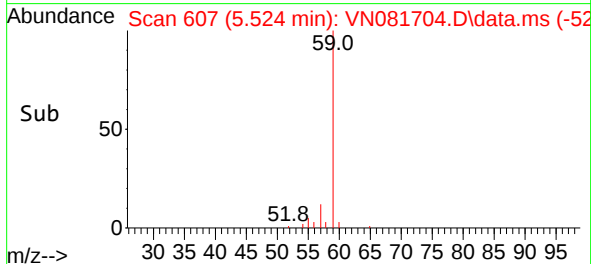
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



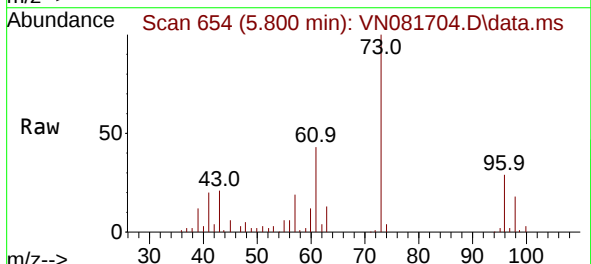
Tgt Ion: 59 Resp: 4852
Ion Ratio Lower Upper
59 100
52 0.3 0.0 0.0

Manual Integrations
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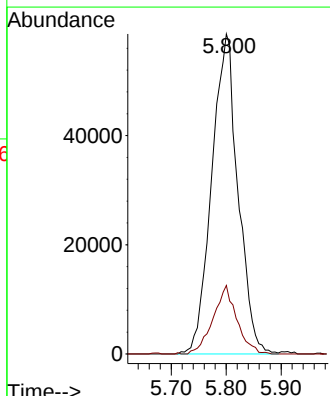
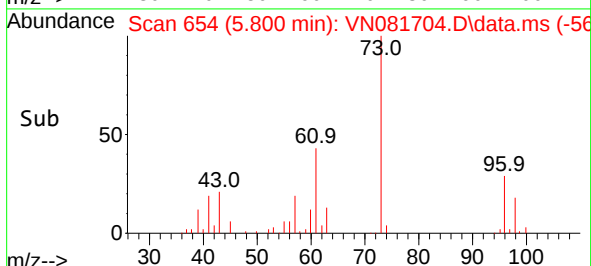
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

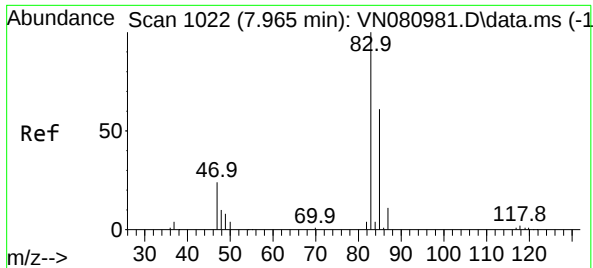


#24
Methyl tert-Butyl Ether
Concen: 19.883 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13



Tgt Ion: 73 Resp: 195005
Ion Ratio Lower Upper
73 100
43 19.2 13.4 20.2





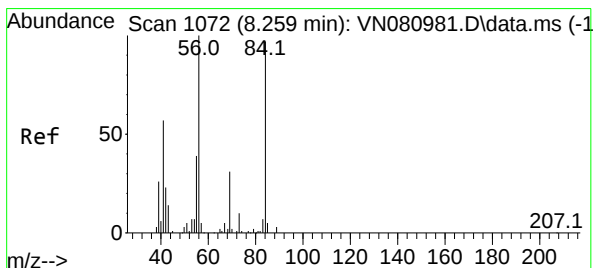
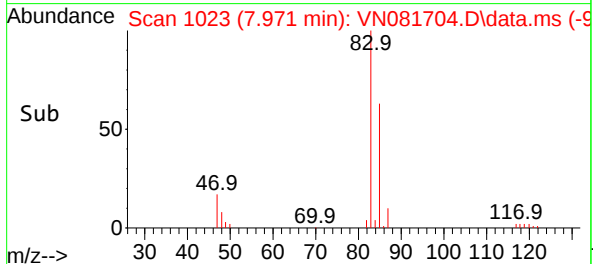
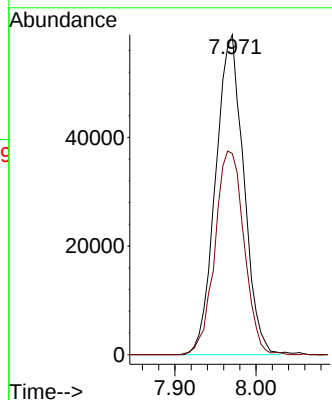
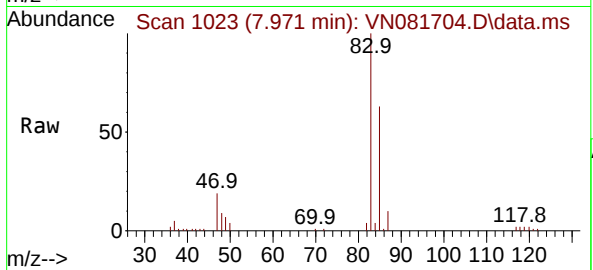
#25
Chloroform
Concen: 20.701 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 141829
Ion Ratio Lower Upper
83 100
85 62.9 50.9 76.3

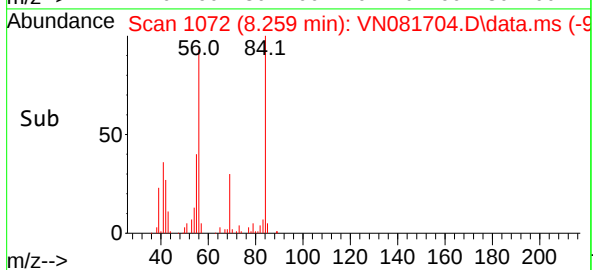
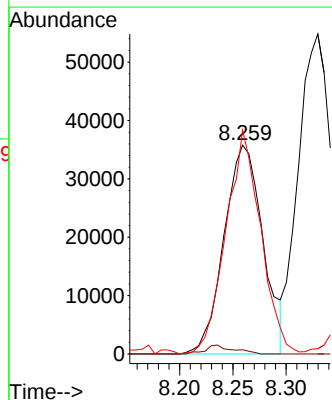
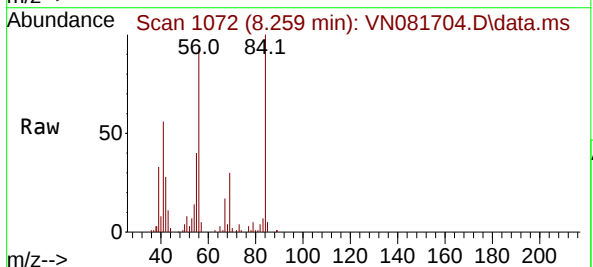
Manual Integrations
APPROVED

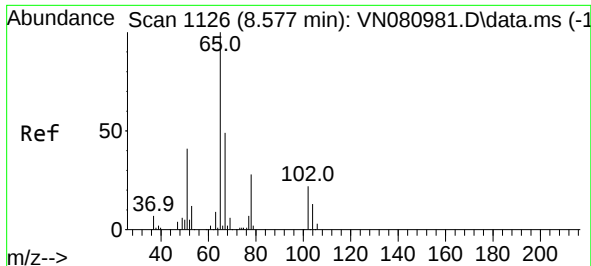
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#26
Cyclohexane
Concen: 18.833 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Tgt Ion: 56 Resp: 90912
Ion Ratio Lower Upper
56 100
89 1.6 19.3 28.9#
84 95.9 71.3 106.9





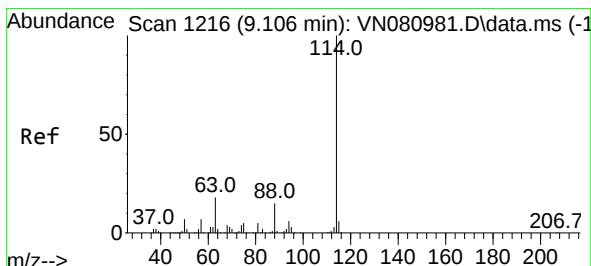
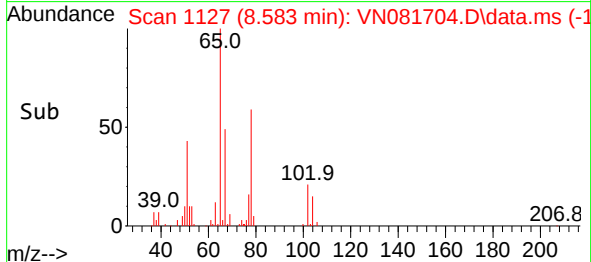
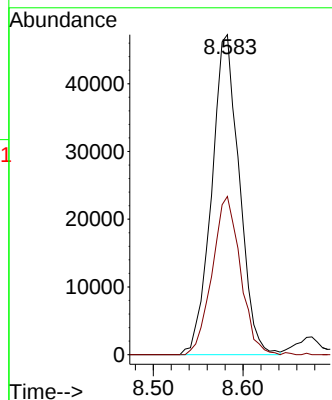
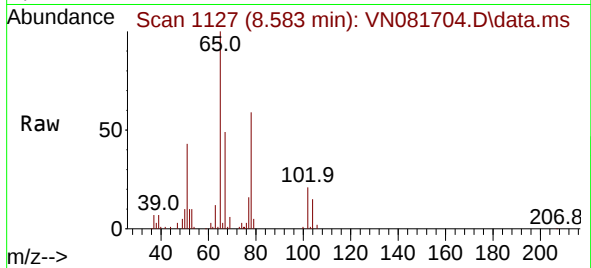
#27
1,2-Dichloroethane-d4
Concen: 33.806 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 10113
Ion Ratio Lower Upper
65 100
67 50.3 43.2 64.8

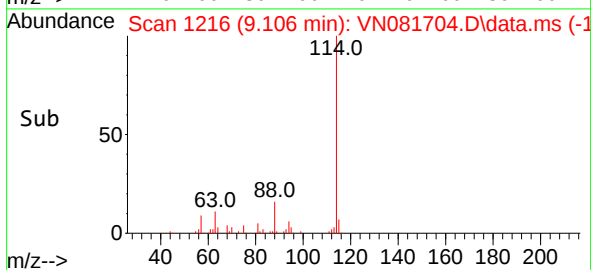
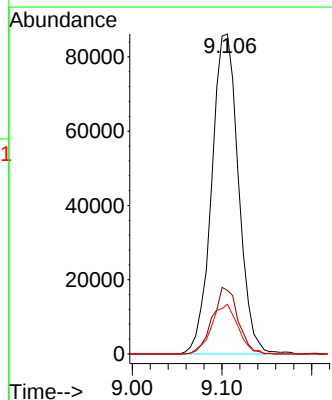
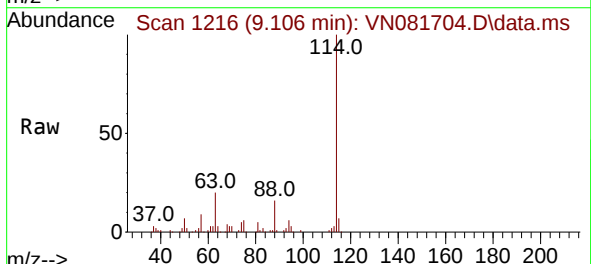
Manual Integrations
APPROVED

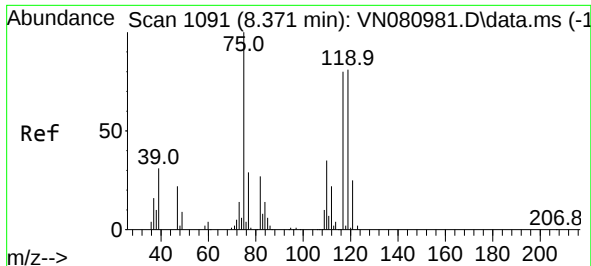
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

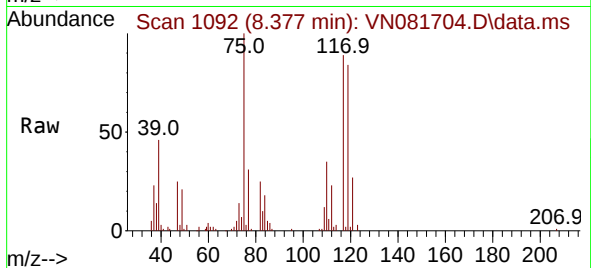
Tgt Ion:114 Resp: 178533
Ion Ratio Lower Upper
114 100
63 19.8 15.9 23.9
88 15.4 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.081 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

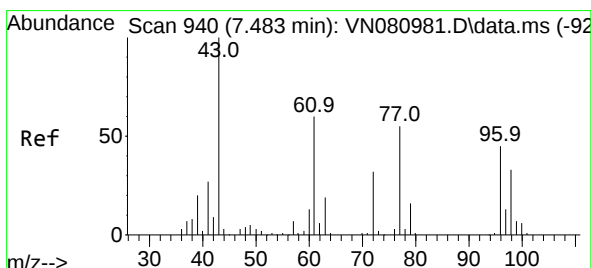
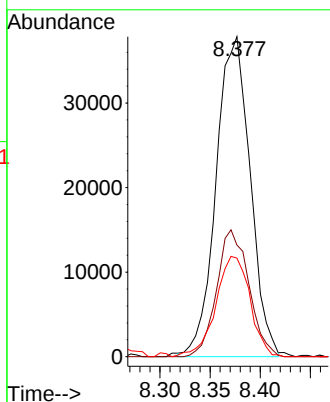
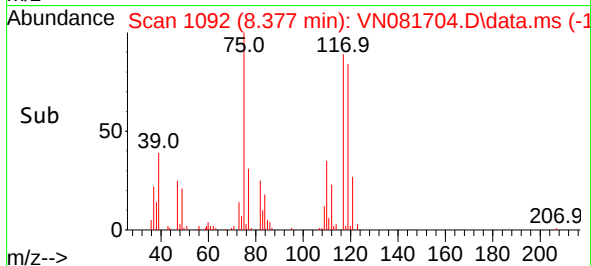
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 8956
Ion Ratio Lower Upper
75 100
110 37.4 0.0 70.2
77 31.4 0.0 61.4

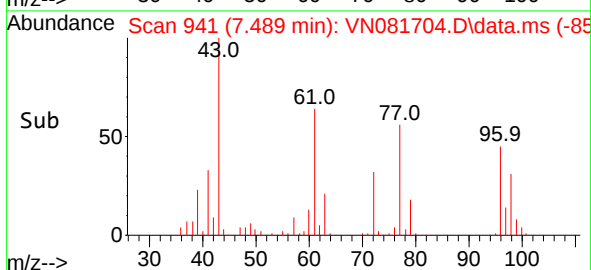
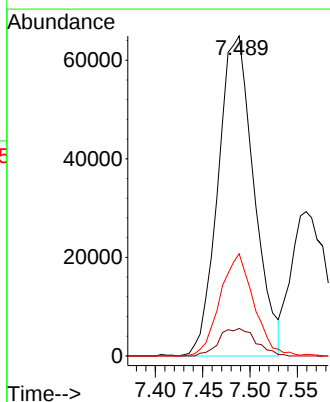
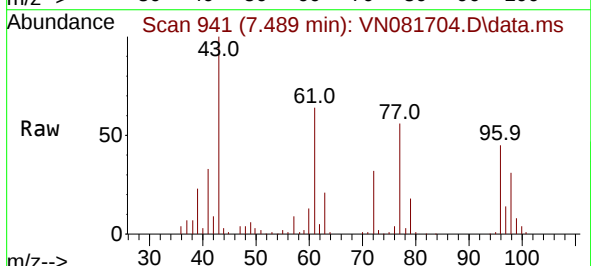
Manual Integrations
APPROVED

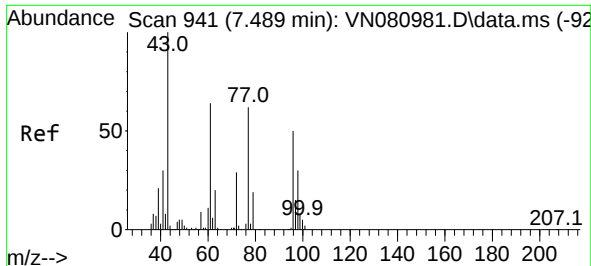
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#30
2-Butanone
Concen: 95.648 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

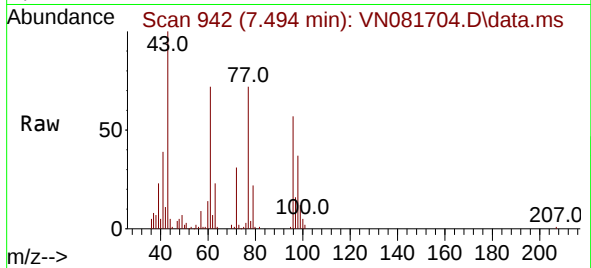
Tgt Ion: 43 Resp: 171454
Ion Ratio Lower Upper
43 100
57 4.1 6.7 10.1#
72 30.0 24.0 36.0





#31
2,2-Dichloropropane
Concen: 18.943 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

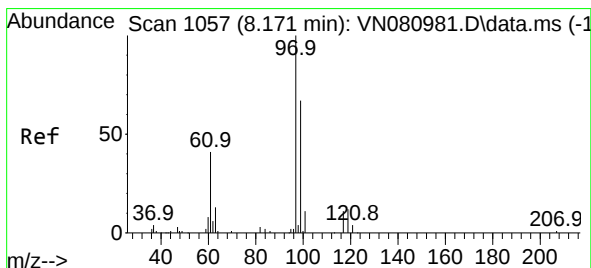
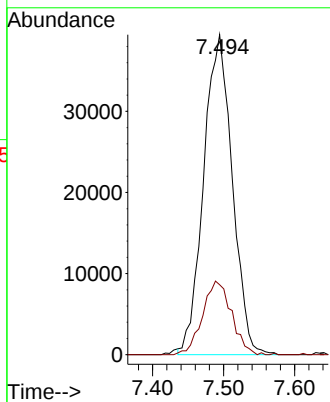
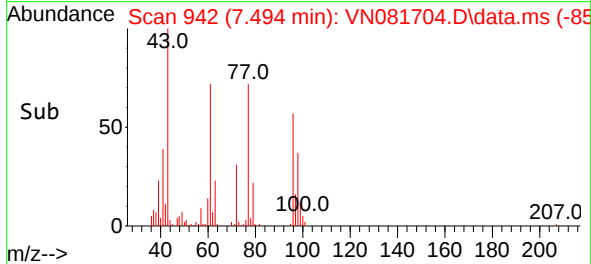
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 110748
Ion Ratio Lower Upper
77 100
97 23.1 18.3 27.5

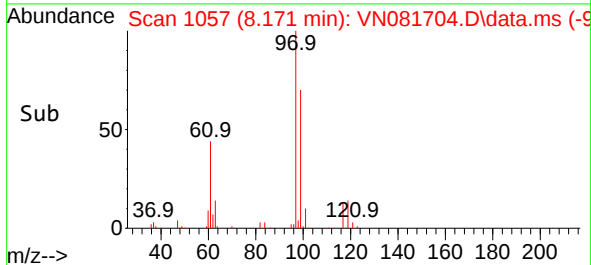
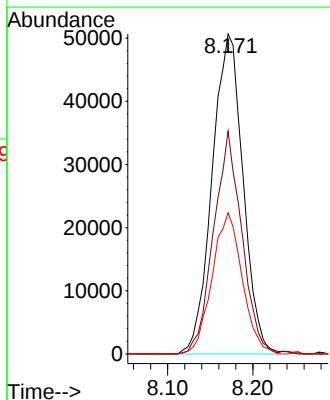
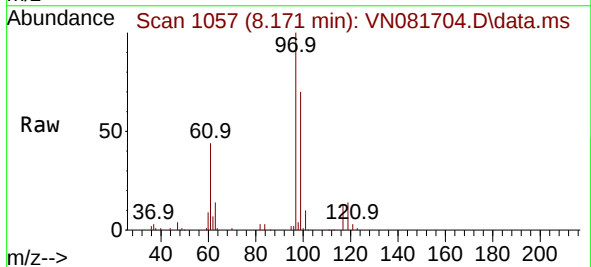
Manual Integrations
APPROVED

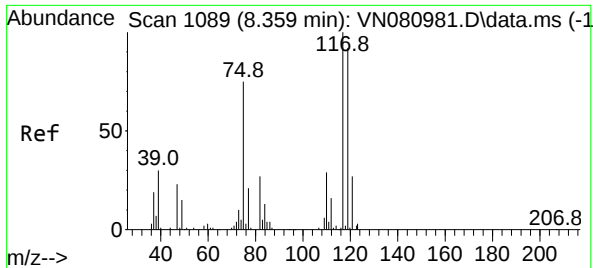
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#32
1,1,1-Trichloroethane
Concen: 19.687 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

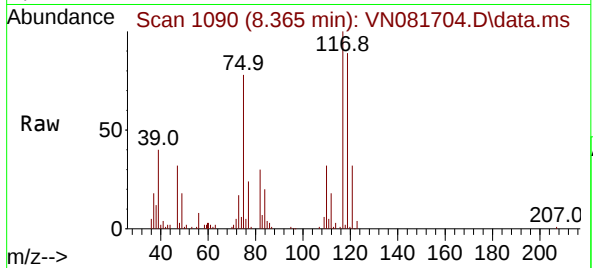
Tgt Ion: 97 Resp: 127356
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 43.0 33.8 50.8





#33
Carbon Tetrachloride
Concen: 18.983 ug/l
RT: 8.365 min Scan# 111308
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

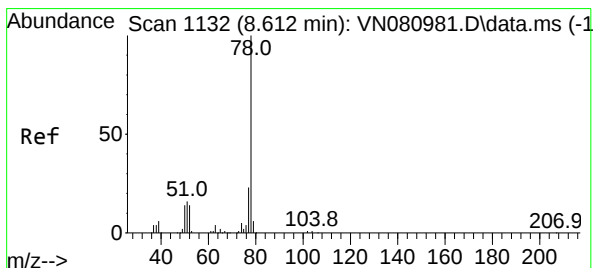
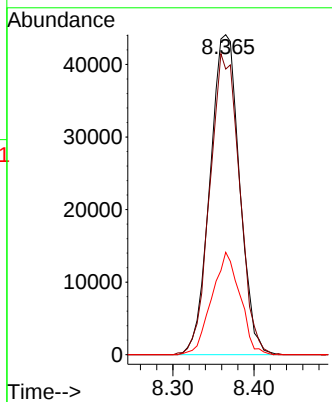
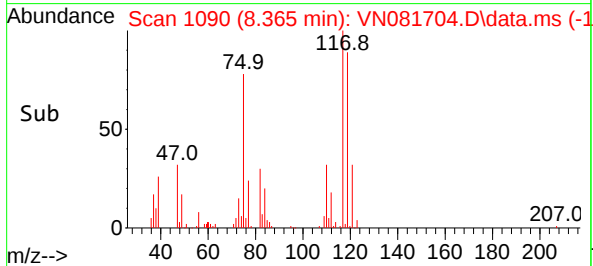
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 111308
Ion Ratio Lower Upper
117 100
119 88.9 77.7 116.5
121 32.0 27.0 40.6

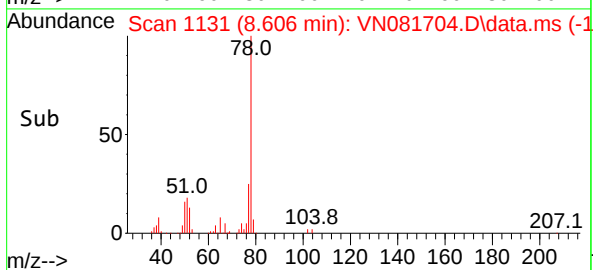
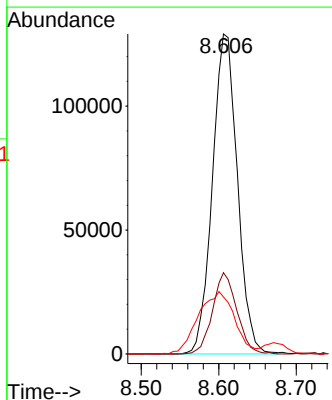
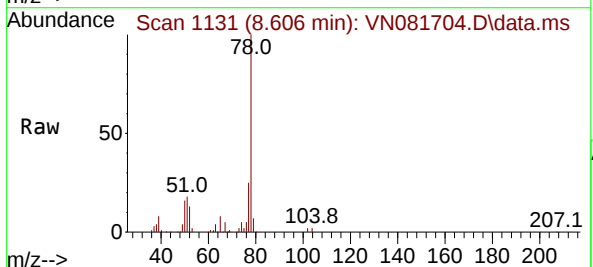
Manual Integrations
APPROVED

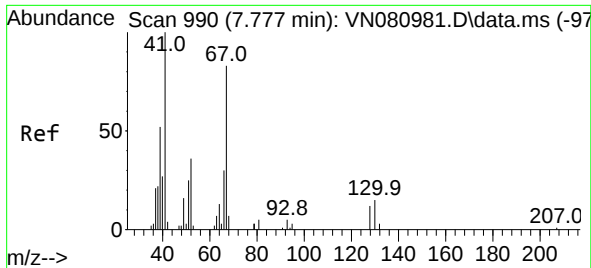
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#34
Benzene
Concen: 19.122 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

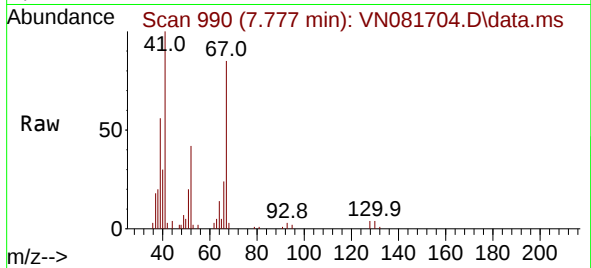
Tgt Ion: 78 Resp: 289126
Ion Ratio Lower Upper
78 100
77 25.4 19.2 28.8
51 16.9 13.3 19.9





#35
Methacrylonitrile
Concen: 19.510 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

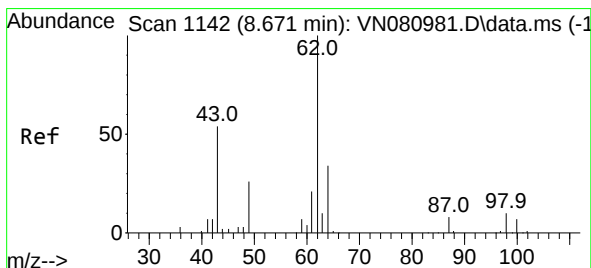
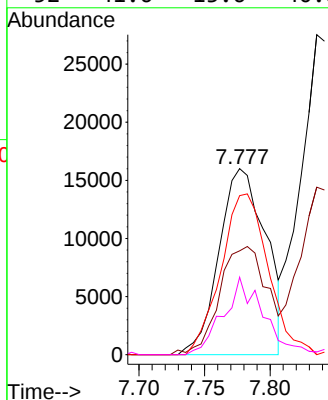
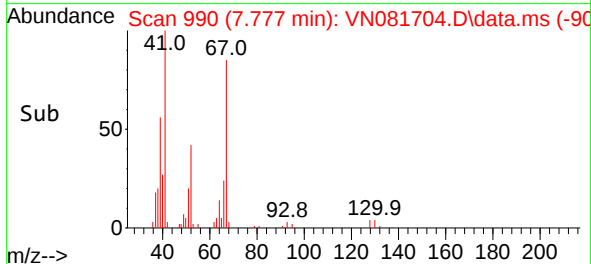
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.4	25.3	75.9
67	85.4	38.7	116.1
52	41.6	13.6	40.8

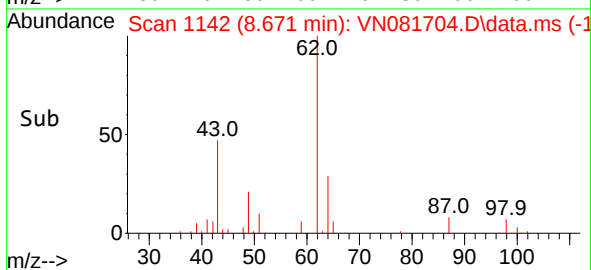
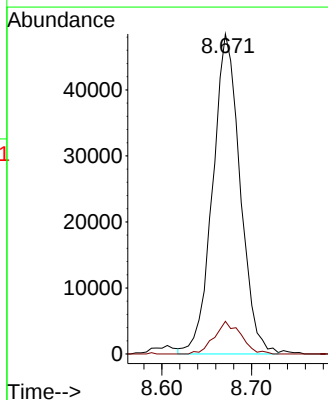
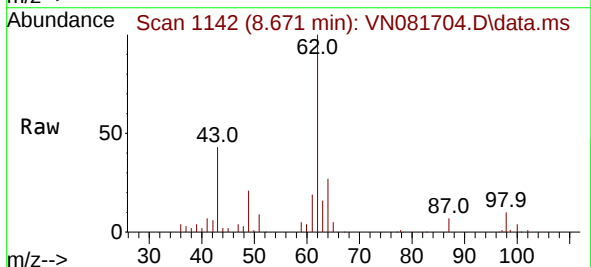
Manual Integrations
APPROVED

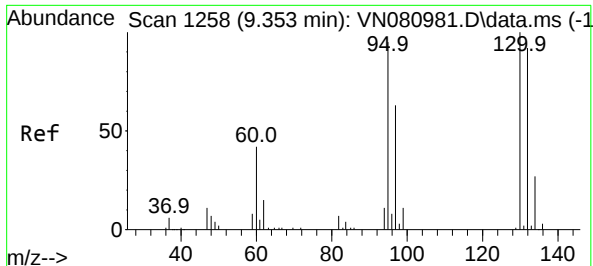
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#36
1,2-Dichloroethane
Concen: 20.764 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	8.2	12.4





#37

Trichloroethene

Concen: 18.378 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081704.D

Acq: 11 Apr 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 73530

Ion Ratio Lower Upper

130 100

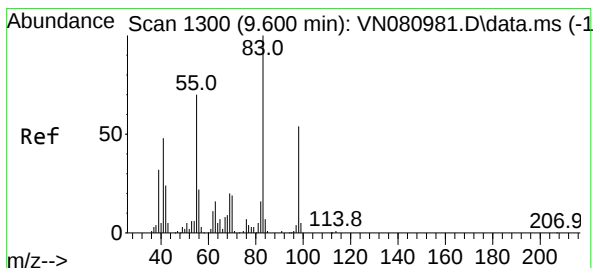
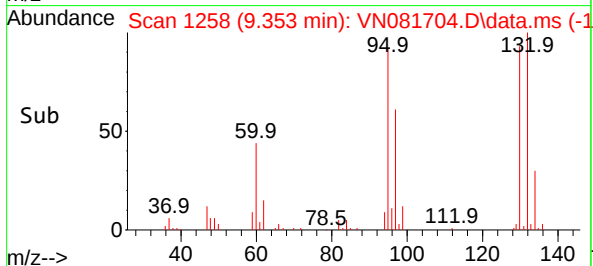
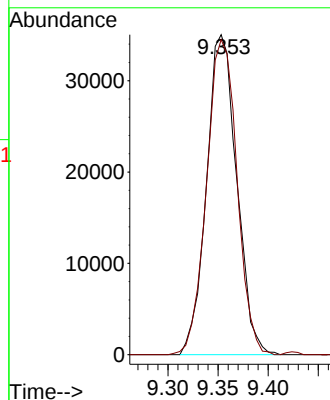
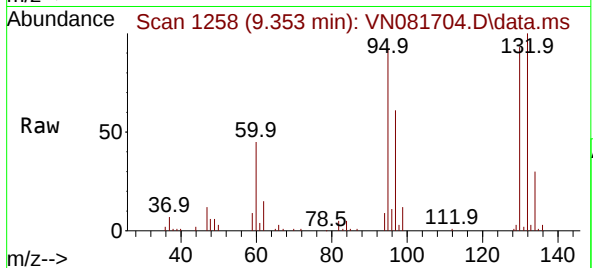
95 98.5 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2024

Supervised By :Mahesh Dadoda 04/12/2024



#38

Methylcyclohexane

Concen: 17.170 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN081704.D

Acq: 11 Apr 2024 18:13

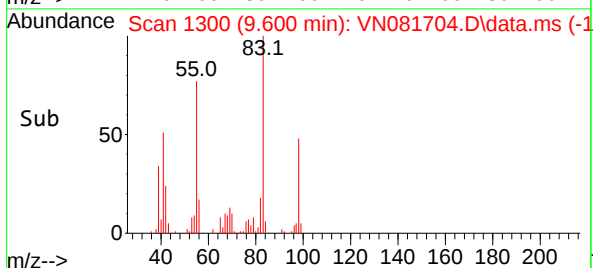
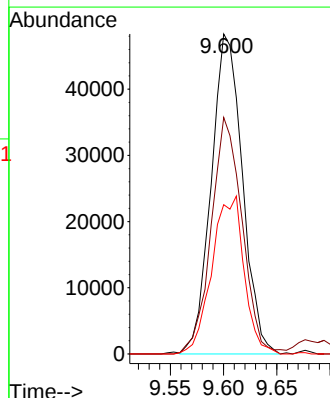
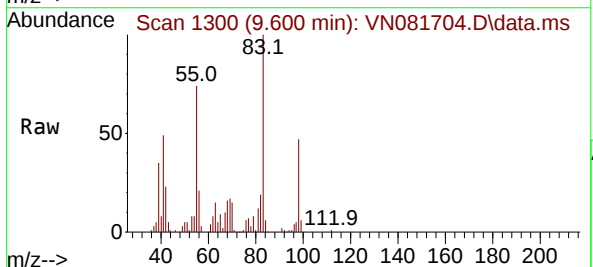
Tgt Ion: 83 Resp: 98501

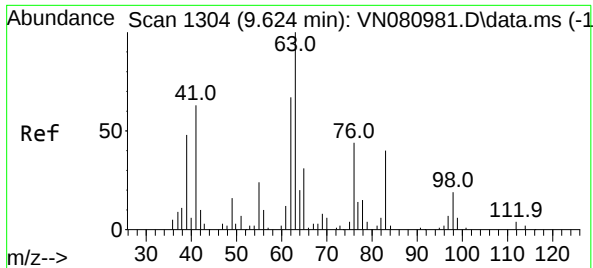
Ion Ratio Lower Upper

83 100

55 73.3 36.6 109.9

98 50.8 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.978 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081704.D

Acq: 11 Apr 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 7047

Ion Ratio Lower Upper

63 100

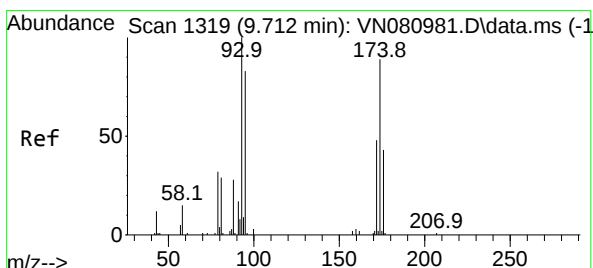
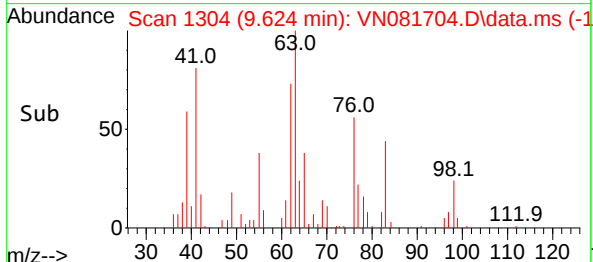
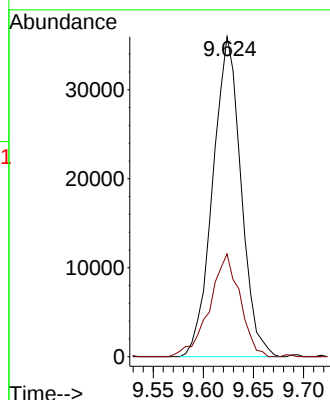
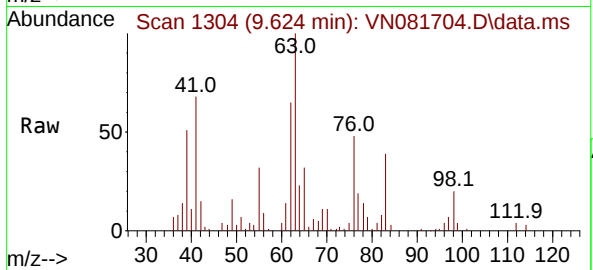
65 32.1 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2024

Supervised By :Mahesh Dadoda 04/12/2024



#40

Dibromomethane

Concen: 19.695 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081704.D

Acq: 11 Apr 2024 18:13

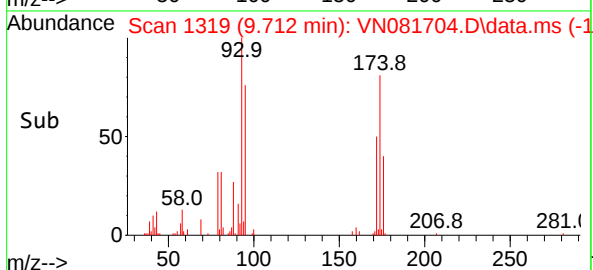
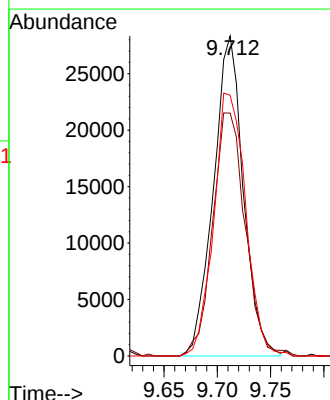
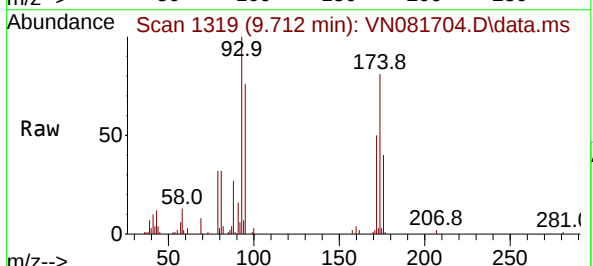
Tgt Ion: 93 Resp: 55340

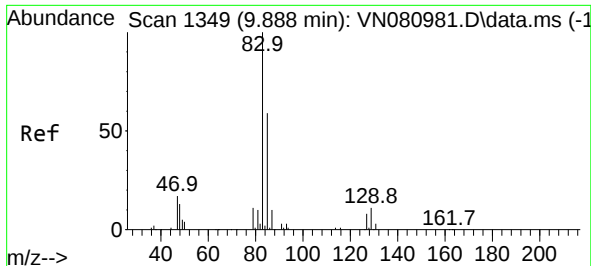
Ion Ratio Lower Upper

93 100

95 81.9 0.0 164.6

174 87.5 0.0 193.2





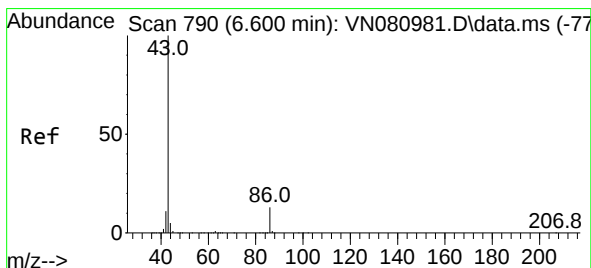
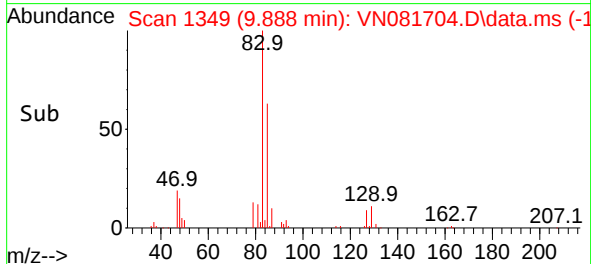
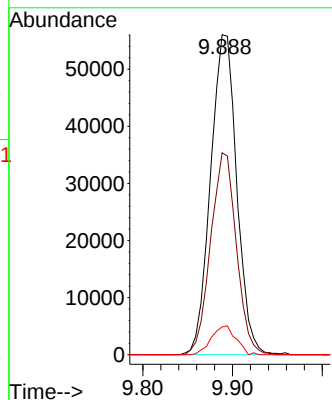
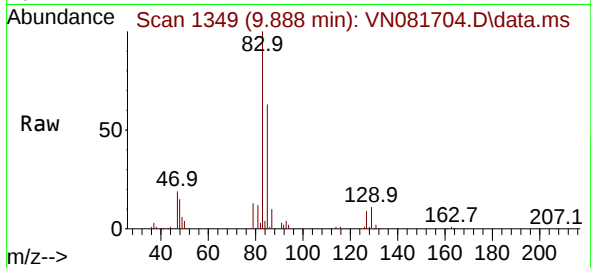
#41
Bromodichloromethane
Concen: 19.835 ug/l
RT: 9.888 min Scan# 11365
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 11365
Ion Ratio Lower Upper
83 100
85 63.1 49.4 74.2
127 8.7 7.3 10.9

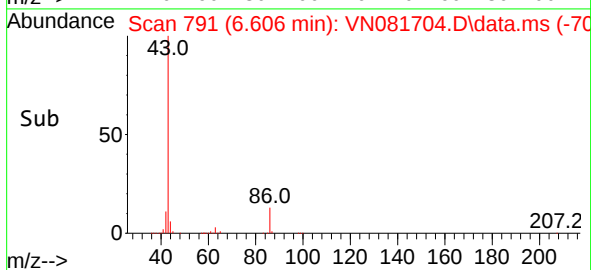
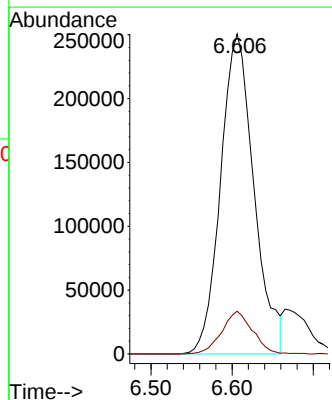
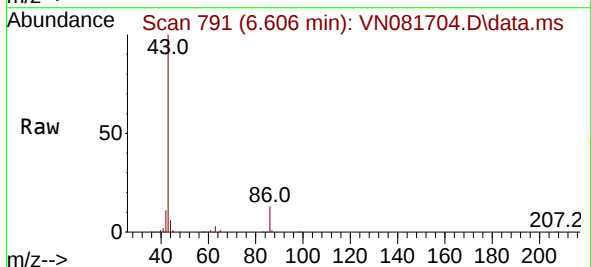
Manual Integrations
APPROVED

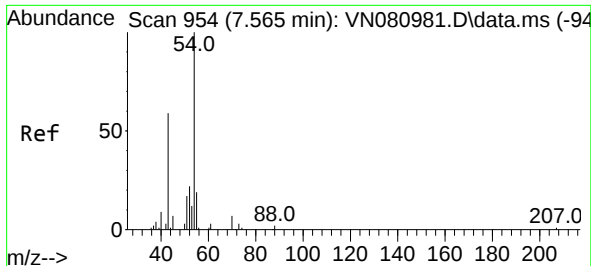
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#42
Vinyl Acetate
Concen: 95.705 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

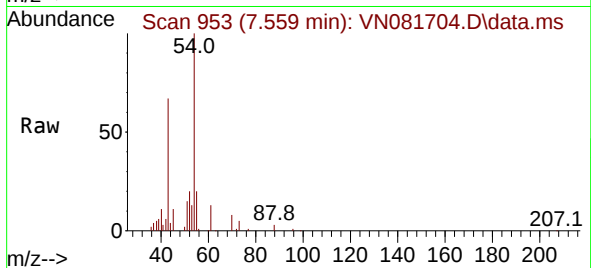
Tgt Ion: 43 Resp: 714671
Ion Ratio Lower Upper
43 100
86 12.4 9.4 14.2





#43
Ethyl Acetate
Concen: 19.046 ug/l
RT: 7.559 min Scan# 914
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

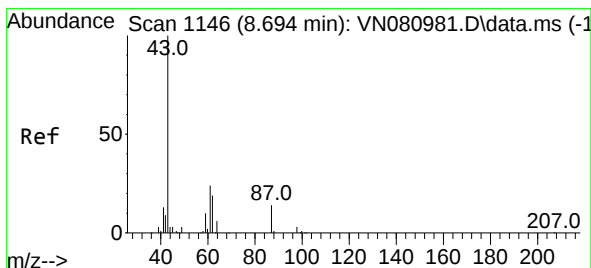
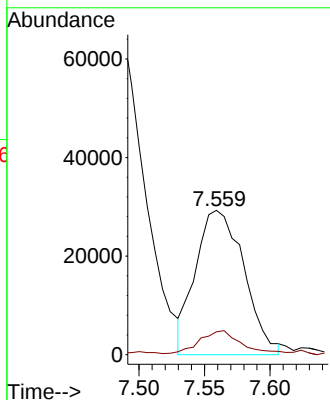
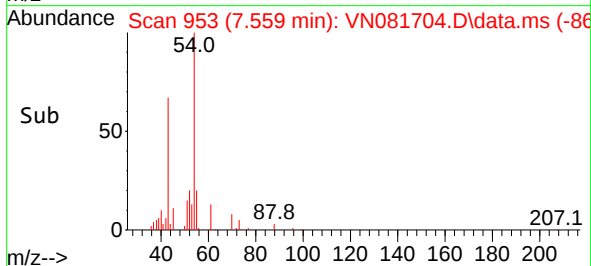
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 75244
Ion Ratio Lower Upper
43 100
45 14.9 10.6 15.8

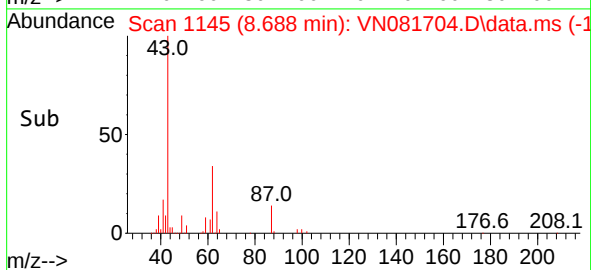
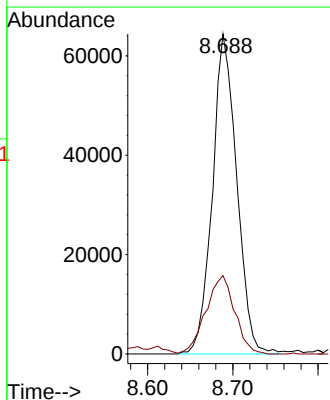
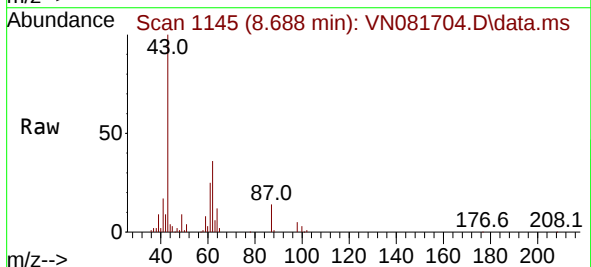
Manual Integrations
APPROVED

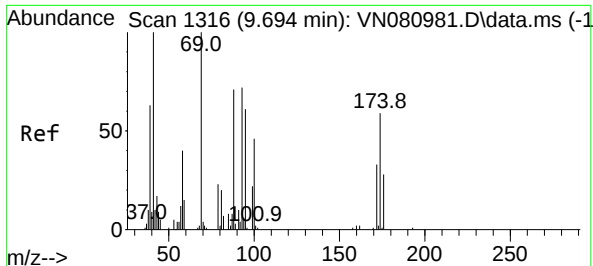
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#44
Isopropyl Acetate
Concen: 19.308 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

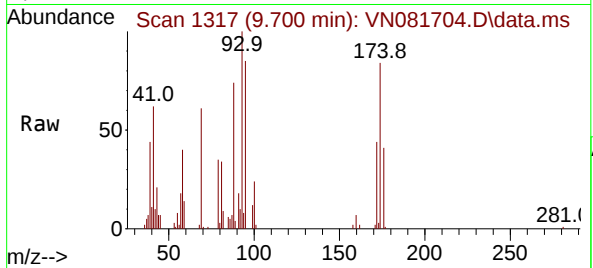
Tgt Ion: 43 Resp: 127808
Ion Ratio Lower Upper
43 100
61 29.0 25.0 37.4





#45
1,4-Dioxane
Concen: 389.987 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

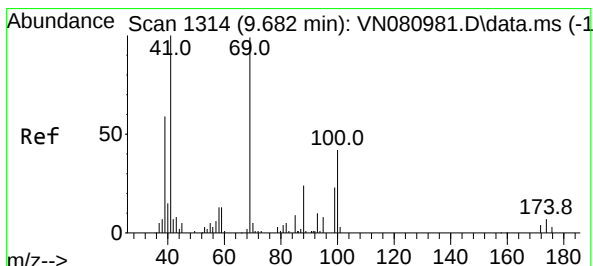
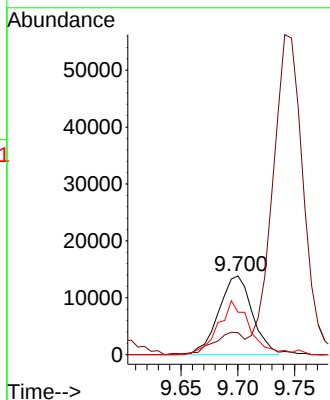
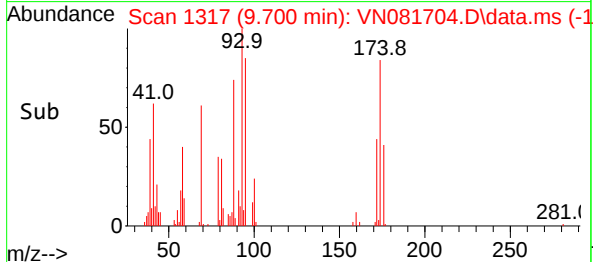
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 2849
Ion Ratio Lower Upper
88 100
43 25.6 19.8 29.6
58 64.4 55.4 83.0

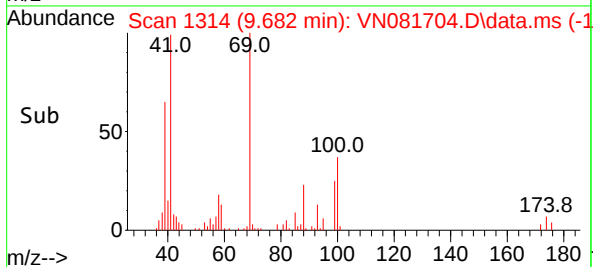
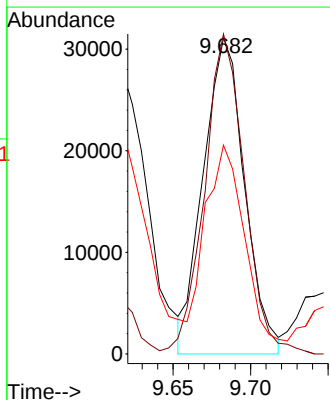
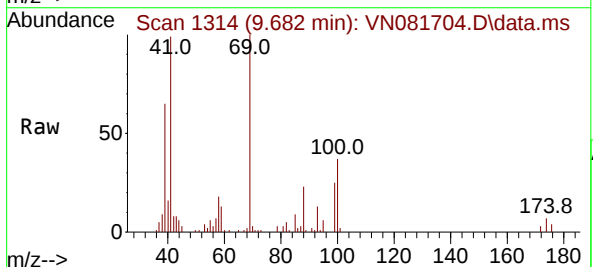
Manual Integrations
APPROVED

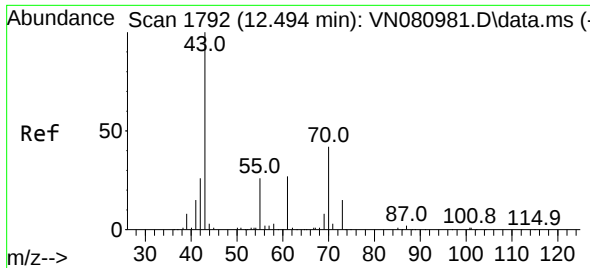
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#46
Methyl methacrylate
Concen: 19.350 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

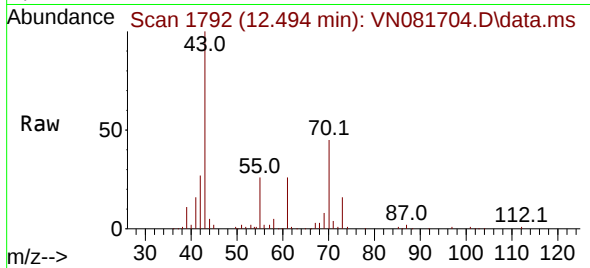
Tgt Ion: 41 Resp: 57601
Ion Ratio Lower Upper
41 100
69 103.2 51.1 153.3
39 64.8 25.8 77.3





#47
n-amyl acetate
Concen: 19.548 ug/l
RT: 12.494 min Scan# 116110
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

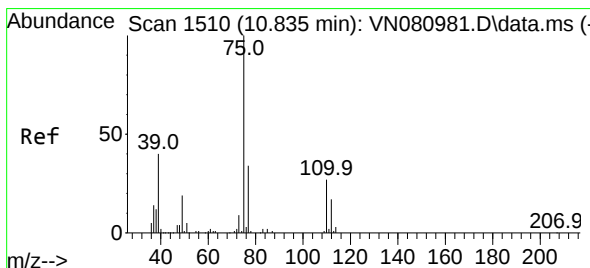
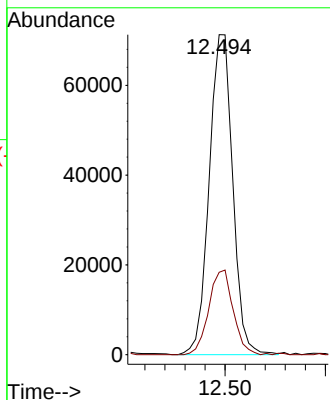
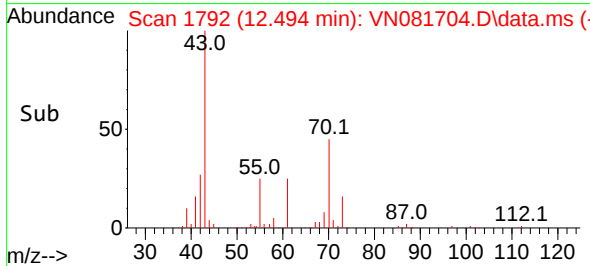
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 116110
Ion Ratio Lower Upper
43 100
55 27.3 23.4 35.2

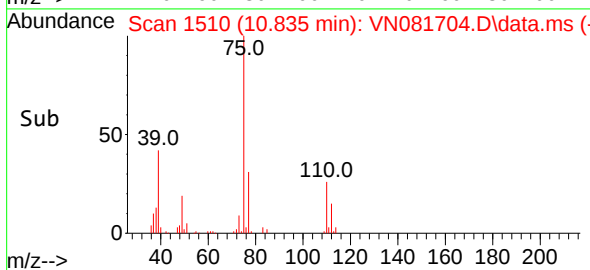
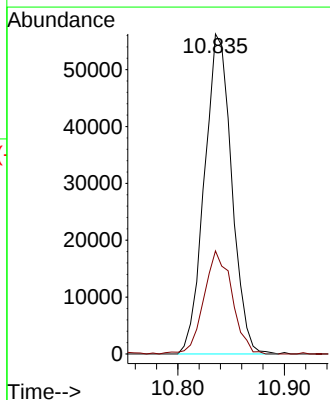
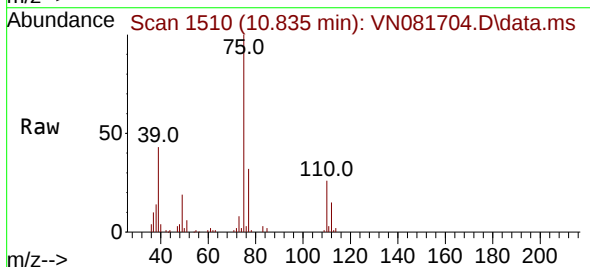
Manual Integrations
APPROVED

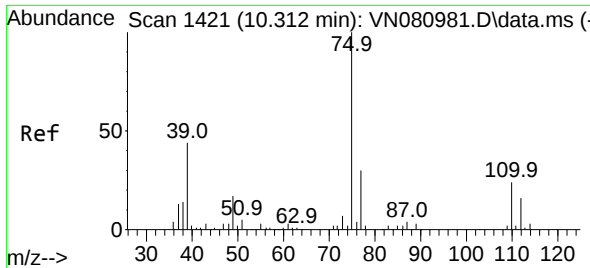
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#48
t-1,3-Dichloropropene
Concen: 18.335 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

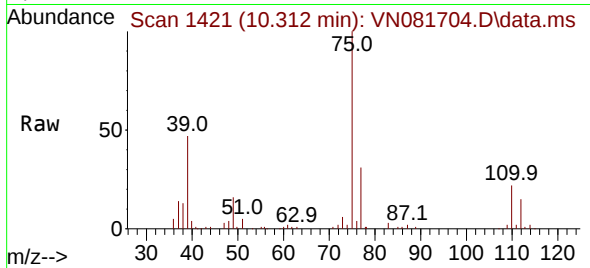
Tgt Ion: 75 Resp: 100091
Ion Ratio Lower Upper
75 100
77 32.2 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 19.025 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

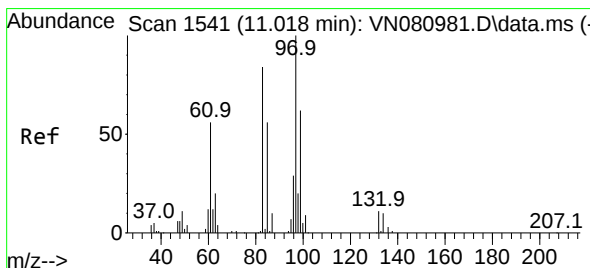
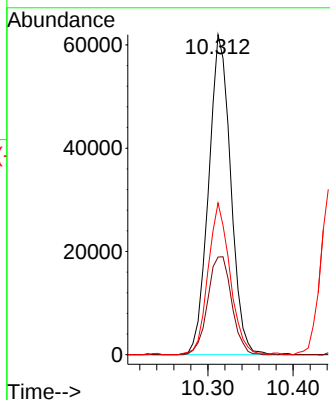
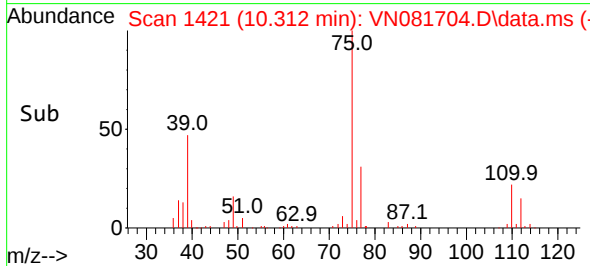
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 11184
Ion Ratio Lower Upper
75 100
77 30.5 24.9 37.3
39 46.9 31.0 46.6

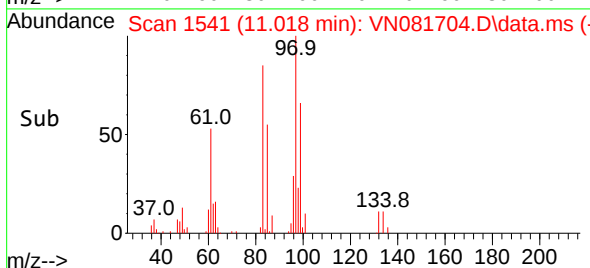
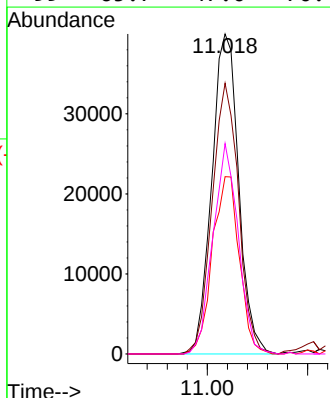
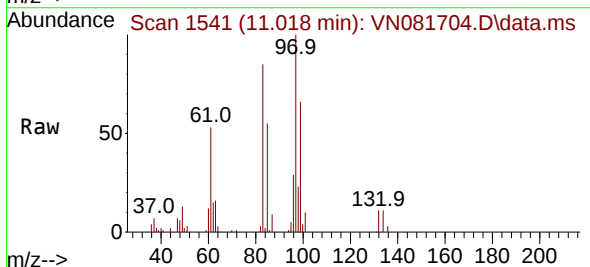
Manual Integrations
APPROVED

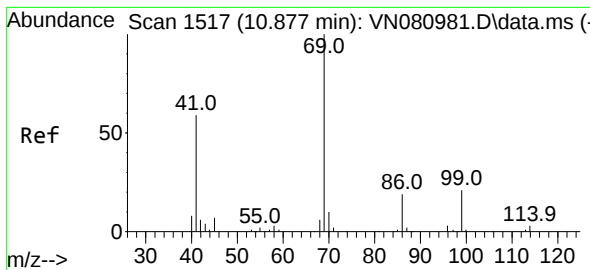
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#50
1,1,2-Trichloroethane
Concen: 19.801 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

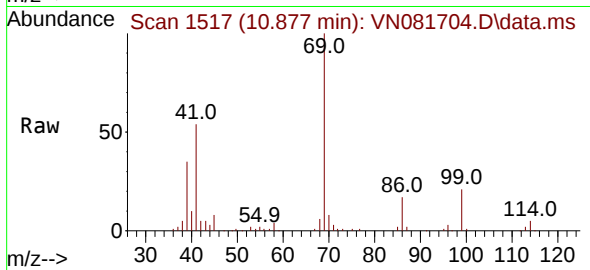
Tgt Ion: 97 Resp: 74499
Ion Ratio Lower Upper
97 100
83 84.6 68.1 102.1
85 55.4 41.8 62.6
99 65.7 47.0 70.4





#51
Ethyl methacrylate
Concen: 18.470 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

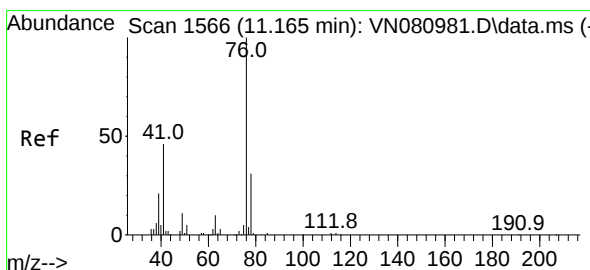
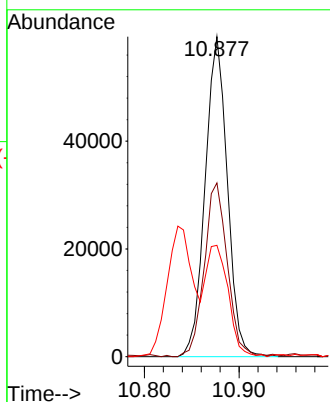
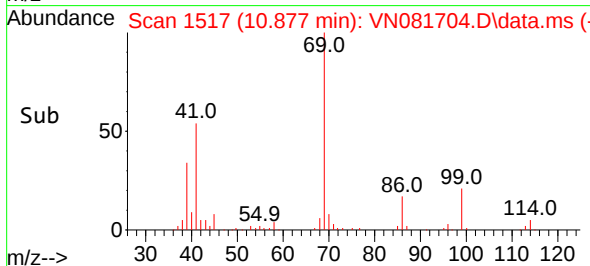
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



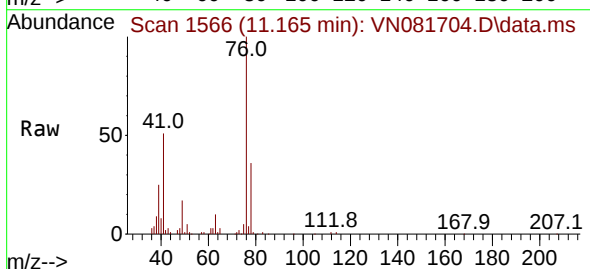
Tgt Ion: 69 Resp: 96758
Ion Ratio Lower Upper
69 100
41 54.3 25.5 76.5
39 34.2 16.0 47.9

Manual Integrations
APPROVED

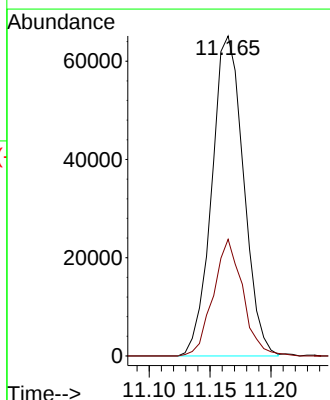
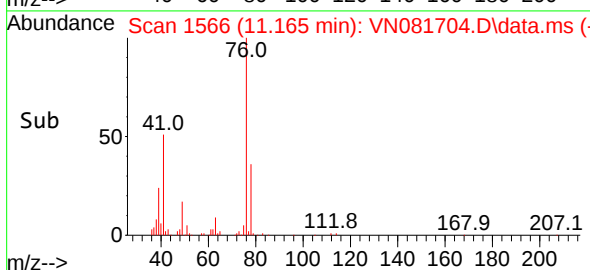
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

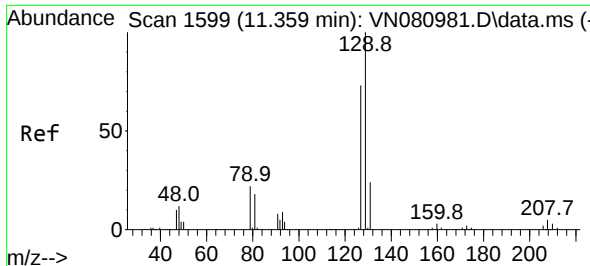


#52
1,3-Dichloropropane
Concen: 19.180 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13



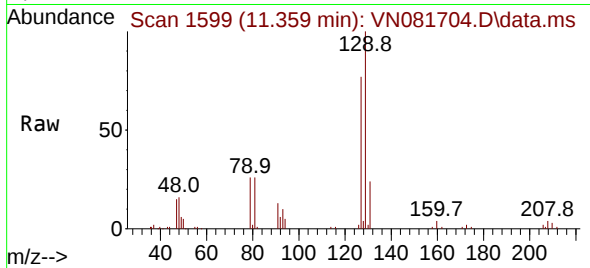
Tgt Ion: 76 Resp: 118281
Ion Ratio Lower Upper
76 100
78 34.0 0.0 65.8





#53
Dibromochloromethane
Concen: 19.121 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

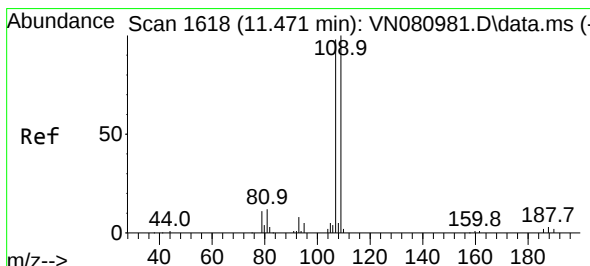
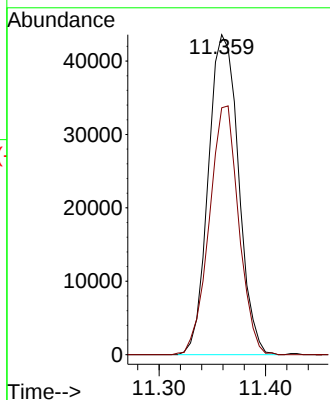
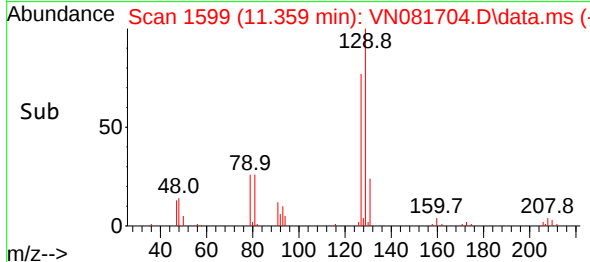
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



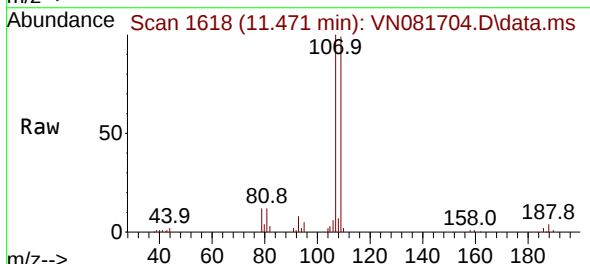
Tgt Ion:129 Resp: 85936
Ion Ratio Lower Upper
129 100
127 75.8 39.4 118.1

Manual Integrations
APPROVED

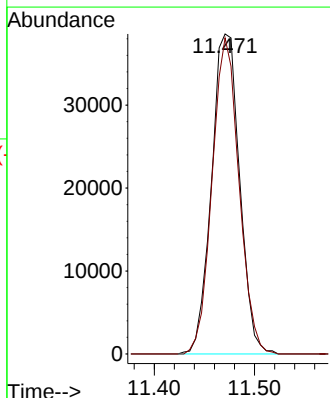
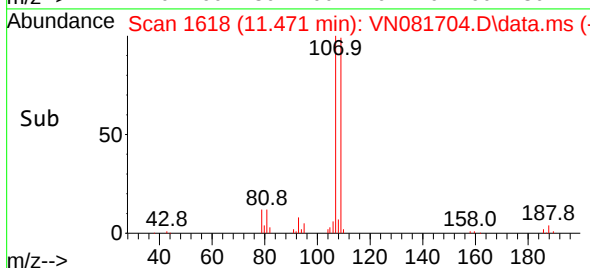
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

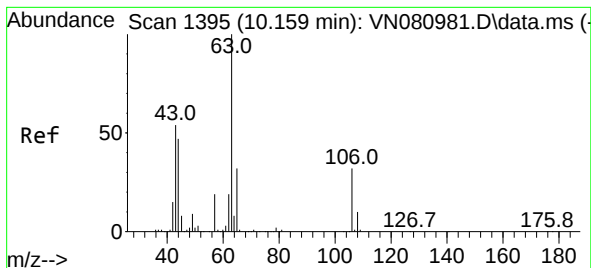


#54
1,2-Dibromoethane
Concen: 19.314 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13



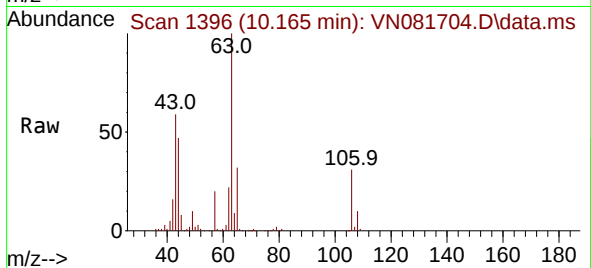
Tgt Ion:107 Resp: 75113
Ion Ratio Lower Upper
107 100
109 94.4 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 94.111 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

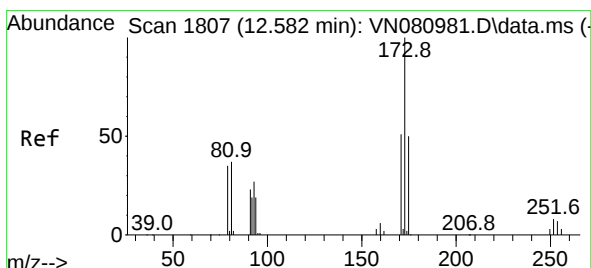
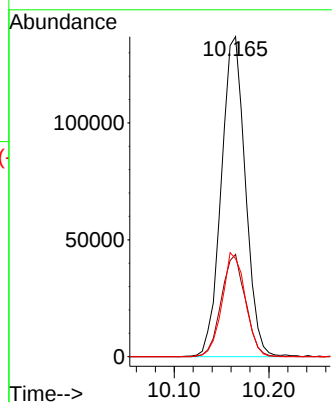
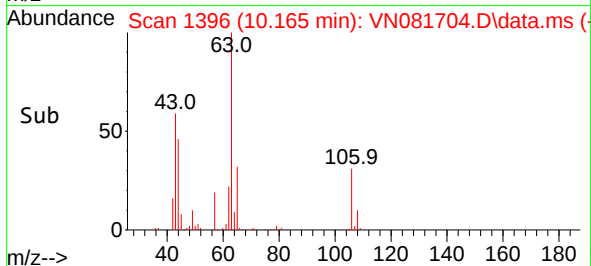
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 24210
Ion Ratio Lower Upper
63 100
65 31.9 26.2 39.2
106 31.4 23.8 35.8

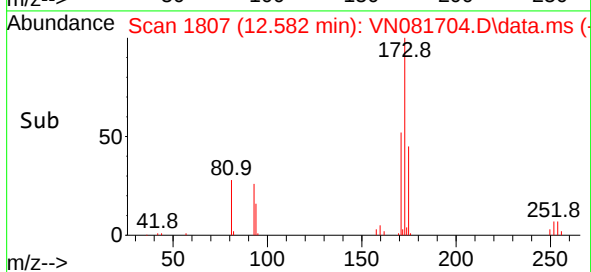
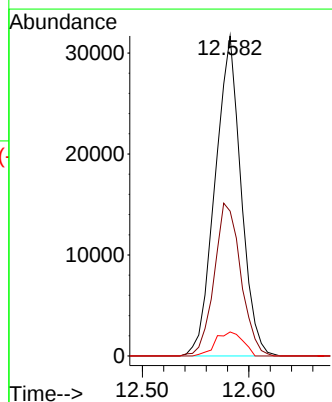
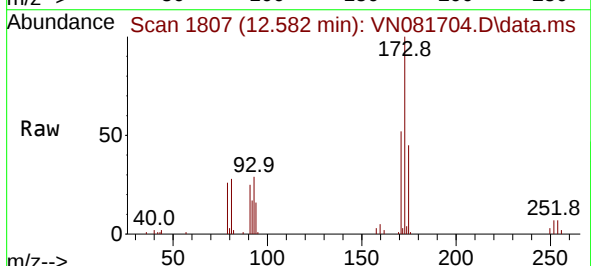
Manual Integrations
APPROVED

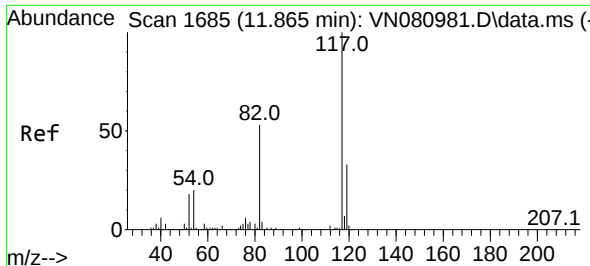
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#56
Bromoform
Concen: 18.617 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Tgt Ion:173 Resp: 53503
Ion Ratio Lower Upper
173 100
175 48.9 40.0 60.0
254 7.9 8.3 12.5#





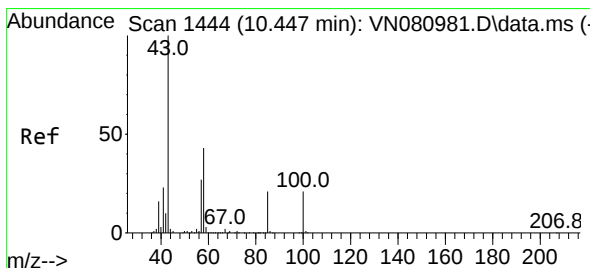
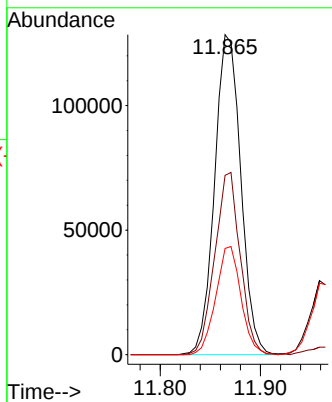
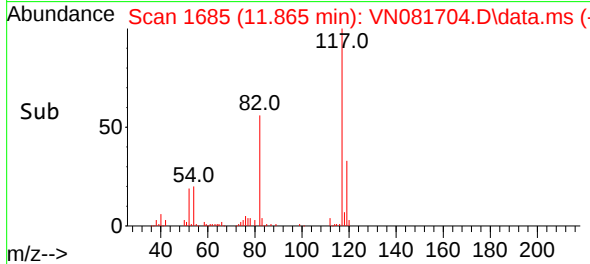
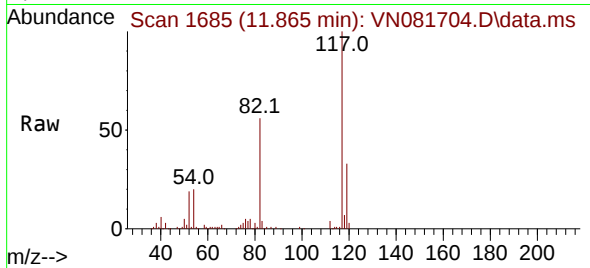
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 117 Resp: 233082
Ion Ratio Lower Upper
117 100
82 55.2 46.6 69.8
119 32.4 25.4 38.2

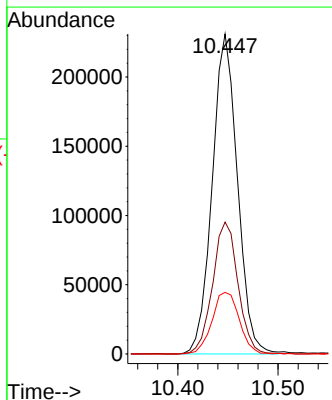
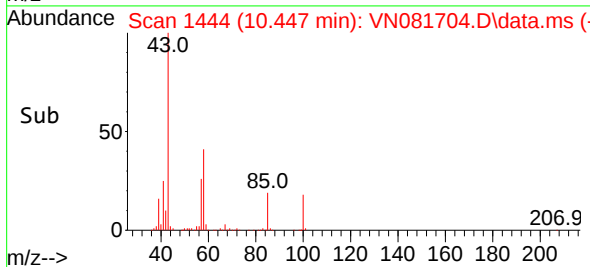
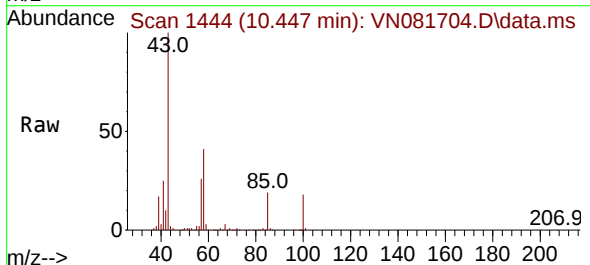
Manual Integrations
APPROVED

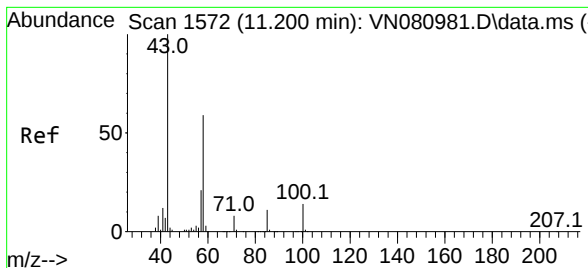
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#58
4-Methyl-2-Pentanone
Concen: 100.722 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

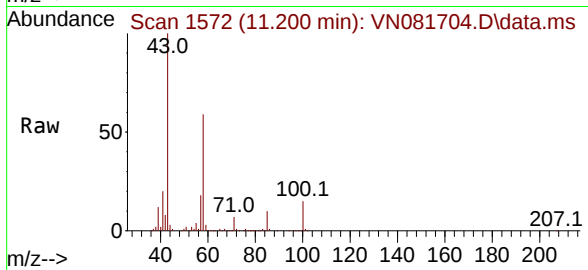
Tgt Ion: 43 Resp: 403728
Ion Ratio Lower Upper
43 100
58 41.5 36.5 54.7
85 20.8 19.5 29.3





#59
2-Hexanone
Concen: 97.139 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

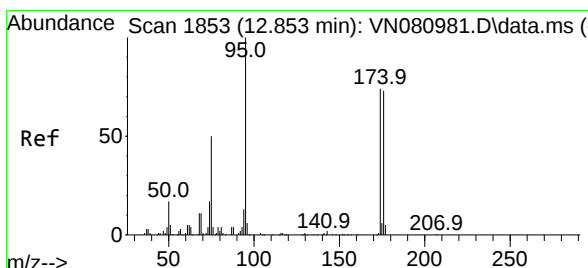
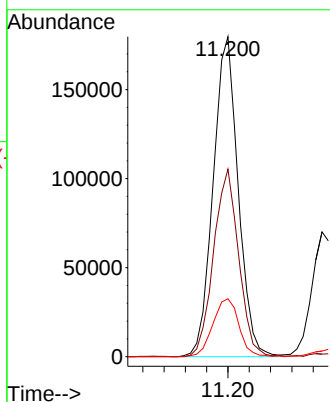
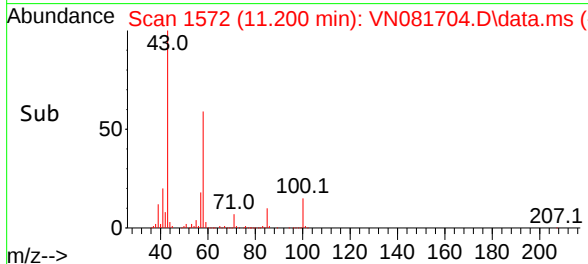
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



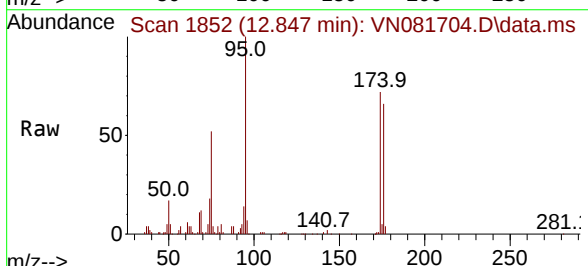
Tgt Ion: 43 Resp: 292414
Ion Ratio Lower Upper
43 100
58 58.6 50.4 75.6
57 18.9 18.6 27.8

Manual Integrations
APPROVED

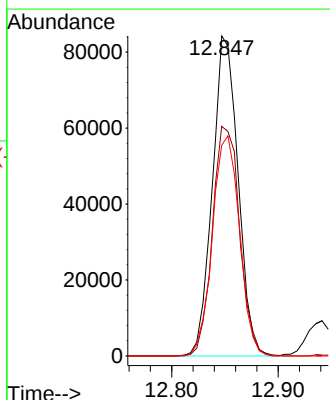
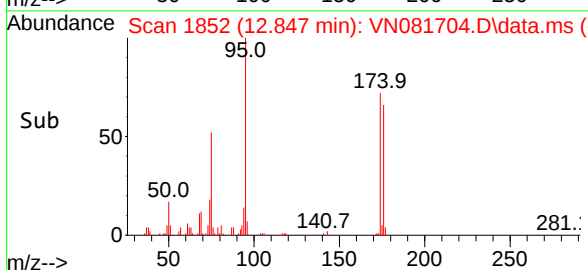
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

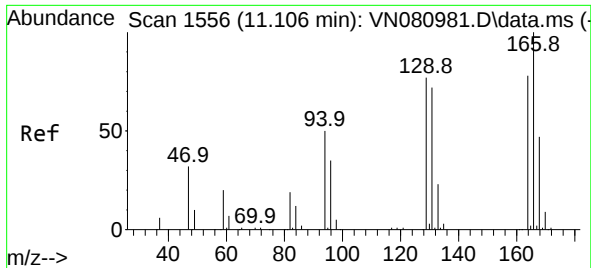


#60
4-Bromofluorobenzene
Concen: 30.727 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13



Tgt Ion: 95 Resp: 140808
Ion Ratio Lower Upper
95 100
174 76.1 60.5 90.7
176 72.4 57.8 86.6





#61
Tetrachloroethene
Concen: 19.526 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

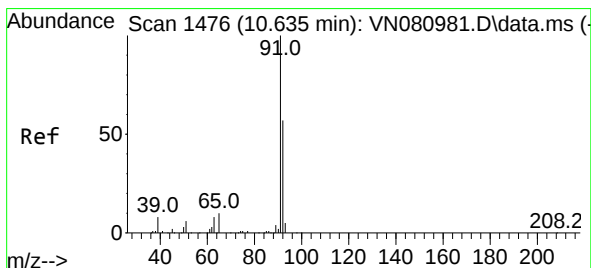
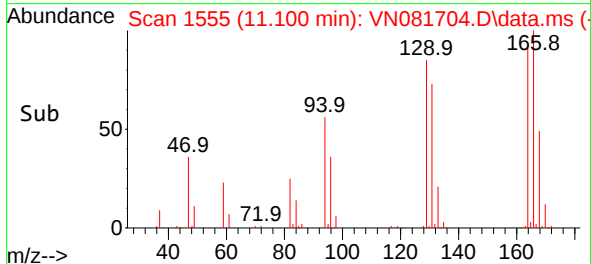
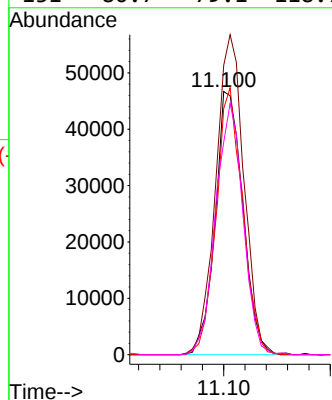
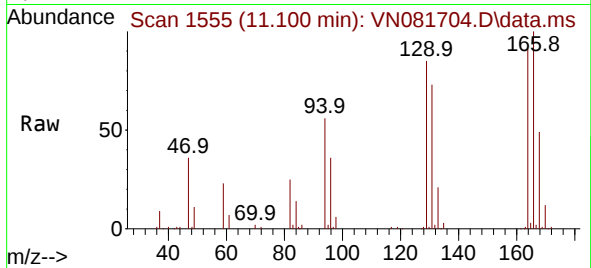
Tgt Ion:164 Resp: 8433
Ion Ratio Lower Upper
164 100
166 110.0 106.7 160.1
129 93.5 85.8 128.6
131 80.7 79.1 118.7

Manual Integrations

APPROVED

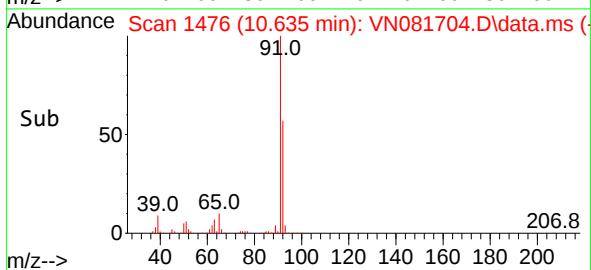
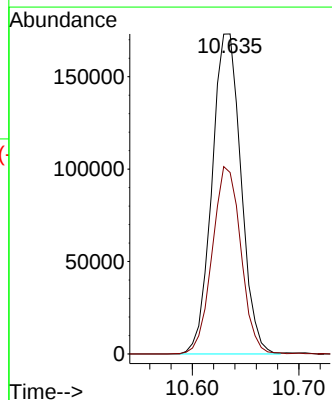
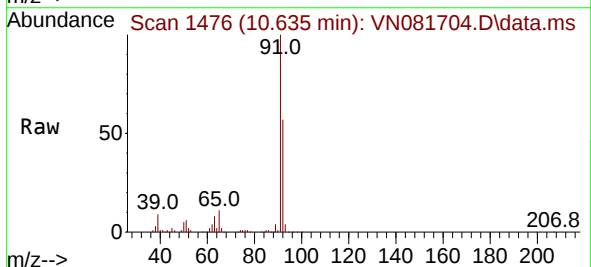
Reviewed By :John Carlone 04/12/2024

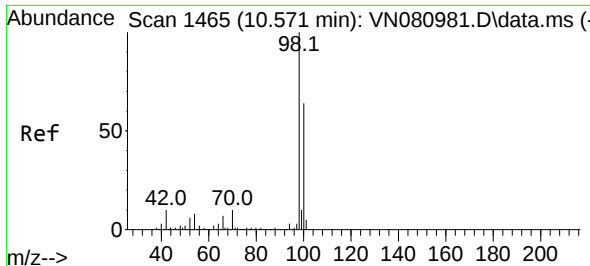
Supervised By :Mahesh Dadoda 04/12/2024



#62
Toluene
Concen: 19.314 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

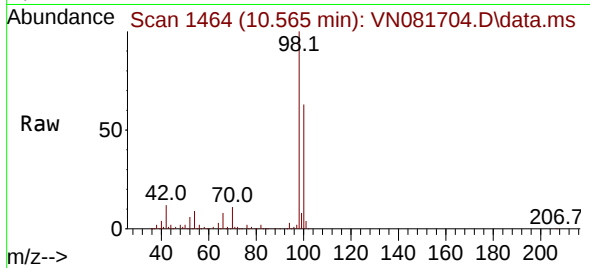
Tgt Ion: 91 Resp: 327510
Ion Ratio Lower Upper
91 100
92 57.8 46.5 69.7





#63
Toluene-d8
Concen: 30.359 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

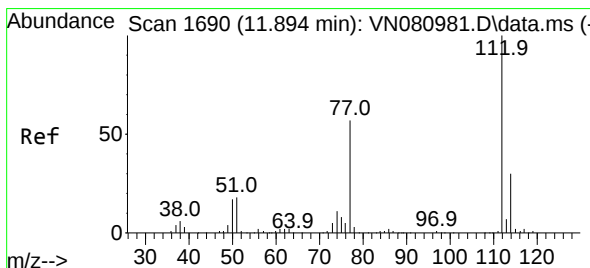
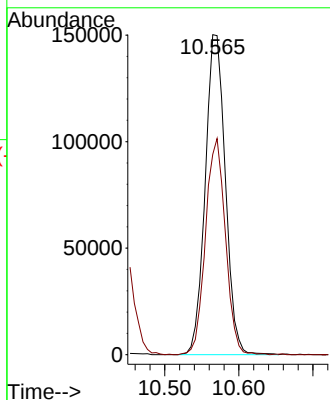
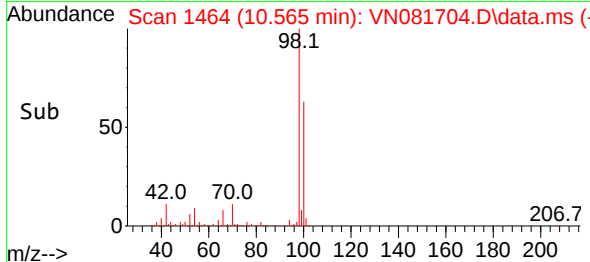
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 283839
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1

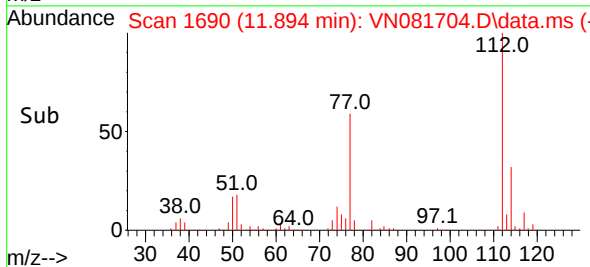
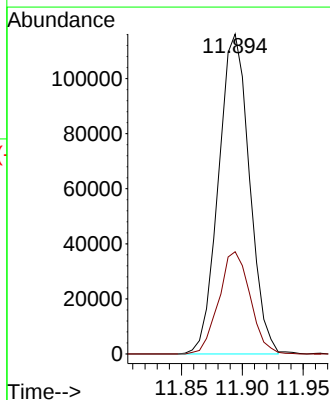
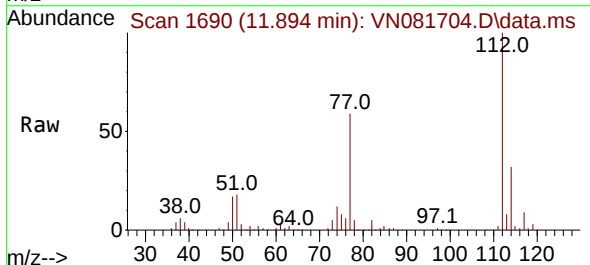
Manual Integrations
APPROVED

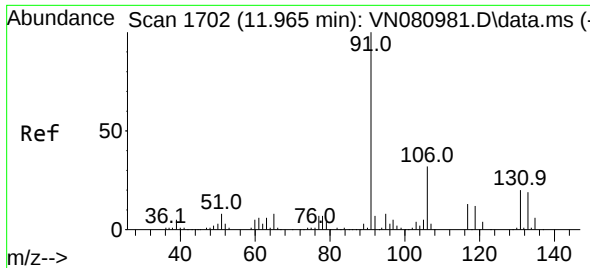
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#64
Chlorobenzene
Concen: 19.114 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Tgt Ion:112 Resp: 205524
Ion Ratio Lower Upper
112 100
114 31.9 26.6 39.8





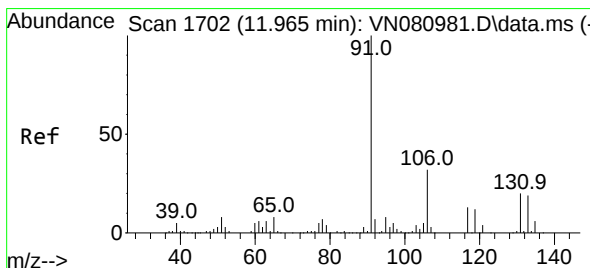
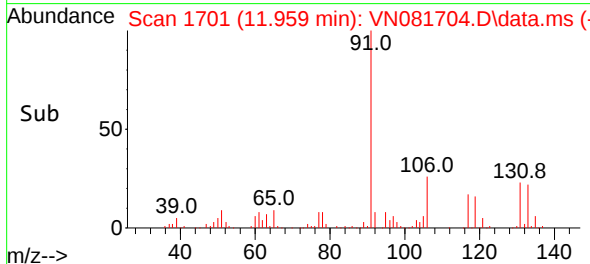
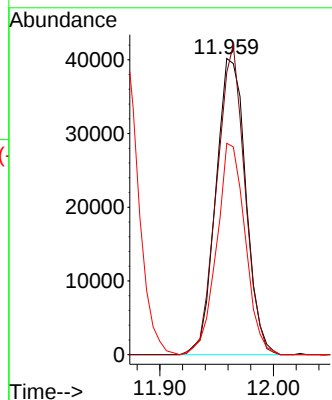
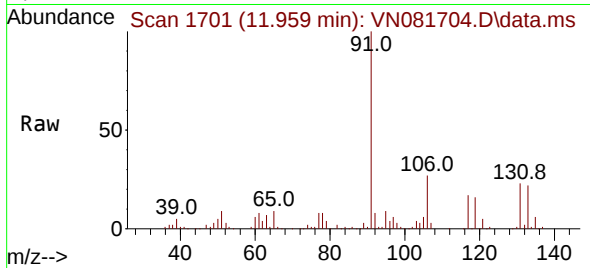
#65
1,1,1,2-Tetrachloroethane
Concen: 18.855 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 7364
Ion Ratio Lower Upper
131 100
133 97.9 0.0 188.0
119 68.1 0.0 122.8

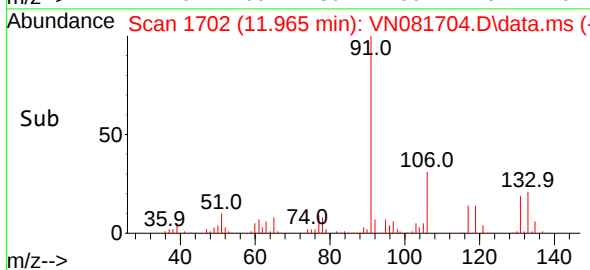
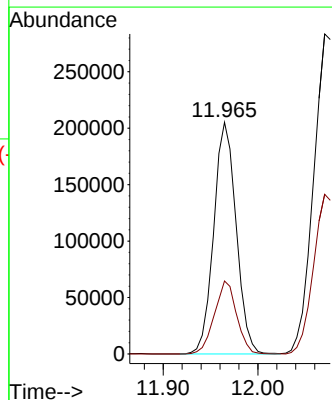
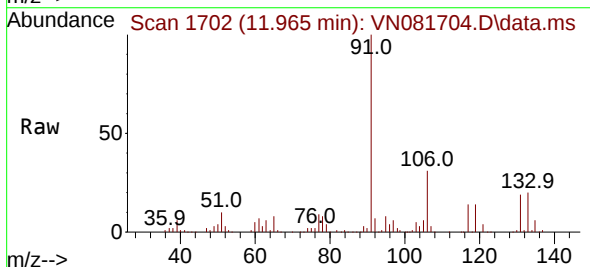
Manual Integrations
APPROVED

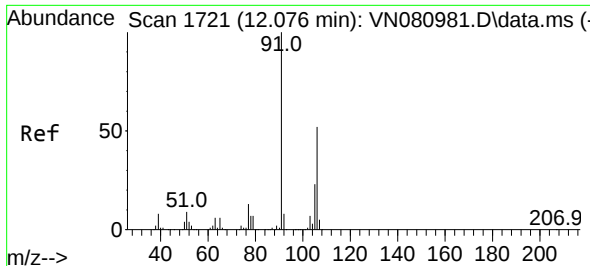
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#66
Ethyl Benzene
Concen: 18.756 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Tgt Ion: 91 Resp: 338153
Ion Ratio Lower Upper
91 100
106 31.5 24.4 36.6





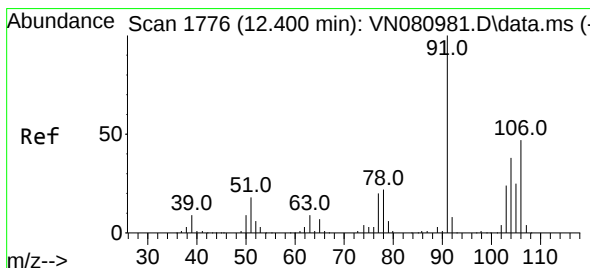
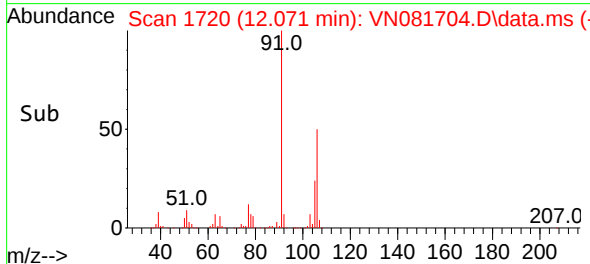
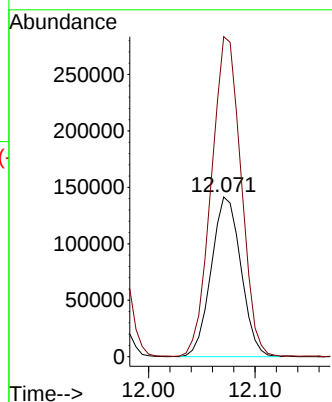
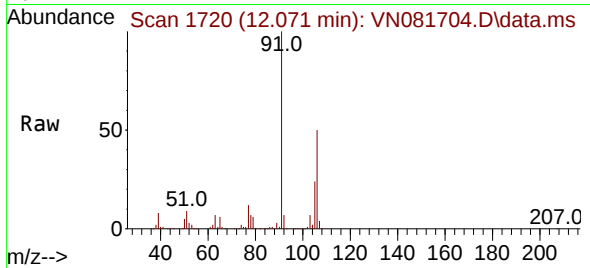
#67
m/p-Xylenes
Concen: 38.326 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 27370
Ion Ratio Lower Upper
106 100
91 201.2 166.6 249.8

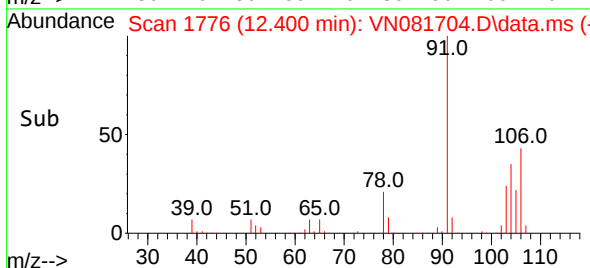
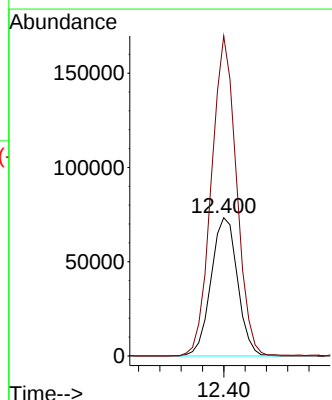
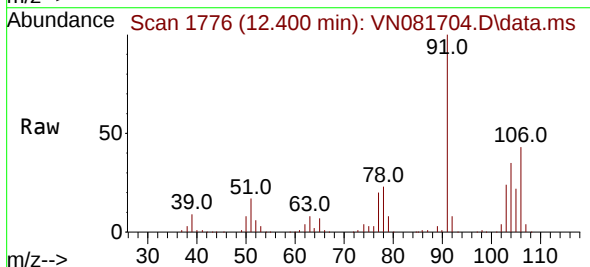
Manual Integrations
APPROVED

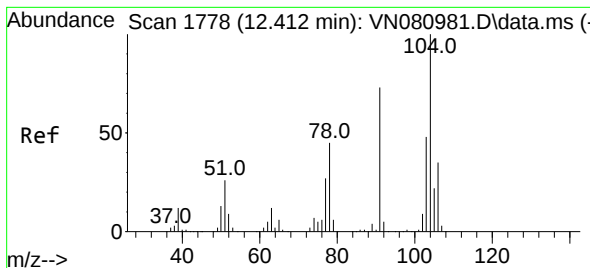
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#68
o-Xylene
Concen: 18.657 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Tgt Ion:106 Resp: 126485
Ion Ratio Lower Upper
106 100
91 219.3 110.0 330.0





#69

Styrene

Concen: 18.789 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081704.D

Acq: 11 Apr 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

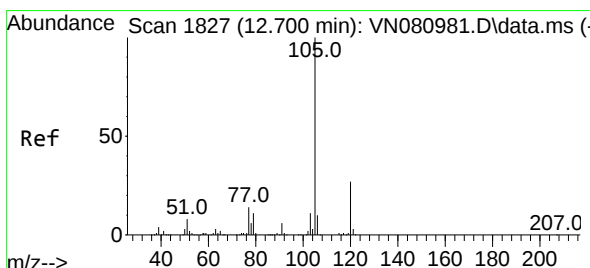
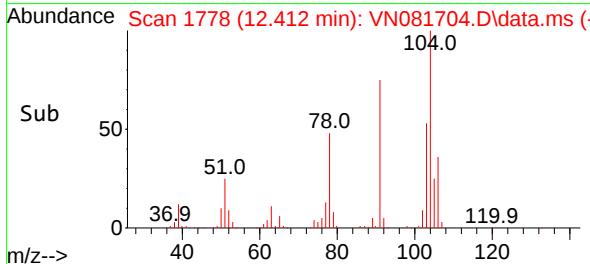
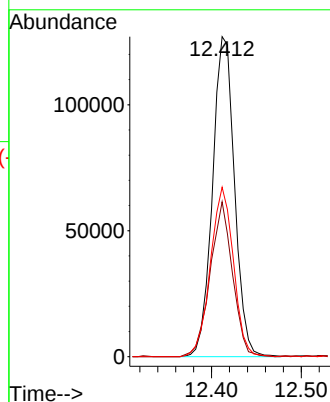
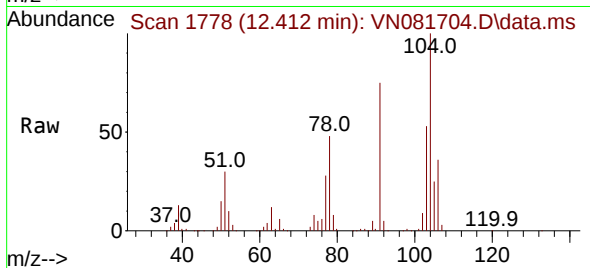
Tgt Ion:104 Resp: 21694
 Ion Ratio Lower Upper
 104 100
 78 48.9 42.6 64.0
 103 55.3 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2024

Supervised By :Mahesh Dadoda 04/12/2024



#70

Isopropylbenzene

Concen: 18.921 ug/l

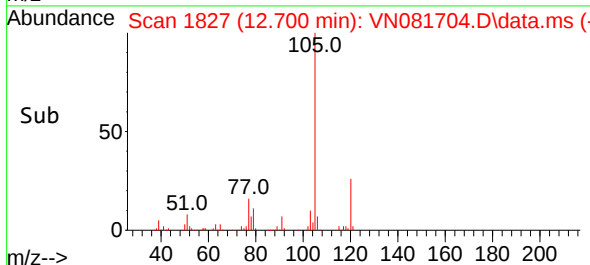
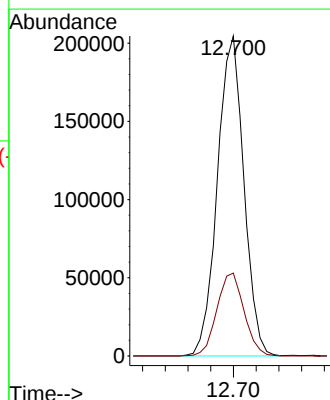
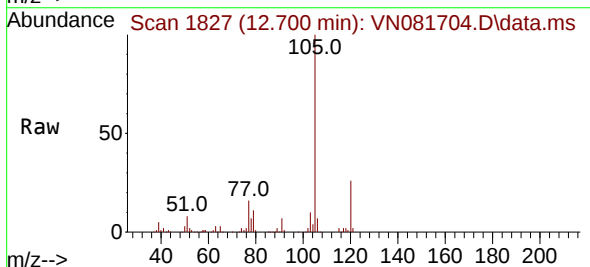
RT: 12.700 min Scan# 1827

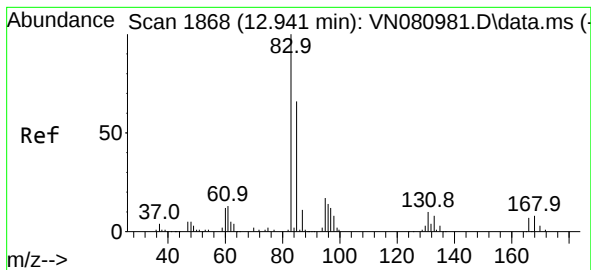
Delta R.T. 0.006 min

Lab File: VN081704.D

Acq: 11 Apr 2024 18:13

Tgt Ion:105 Resp: 330935
 Ion Ratio Lower Upper
 105 100
 120 26.5 17.8 33.1





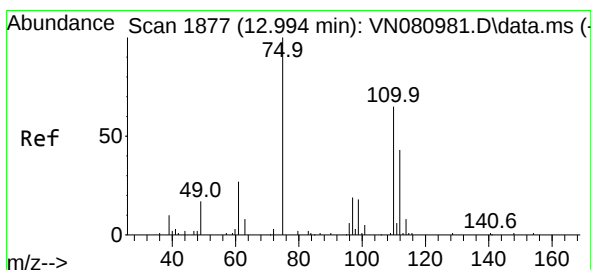
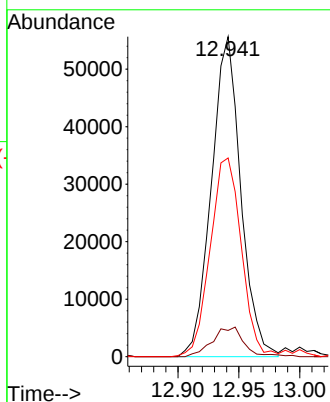
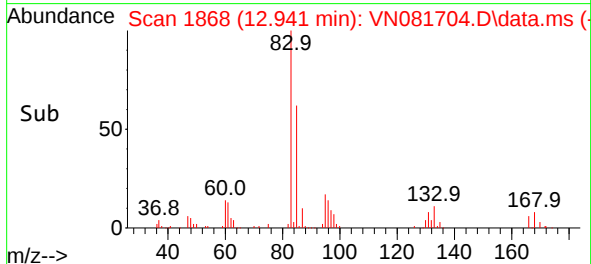
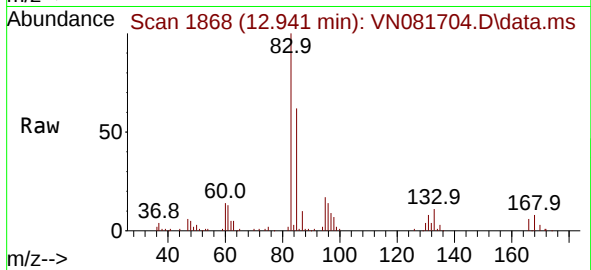
#71
1,1,2,2-Tetrachloroethane
Concen: 20.464 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 93490
Ion Ratio Lower Upper
83 100
131 9.6 5.2 15.6
85 65.0 32.3 96.8

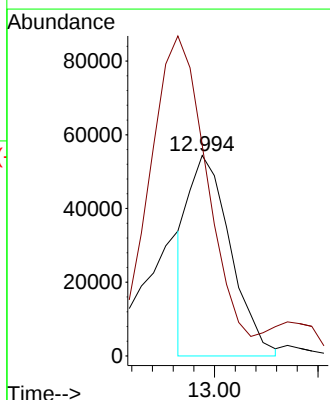
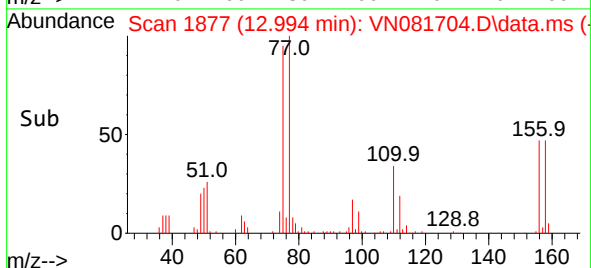
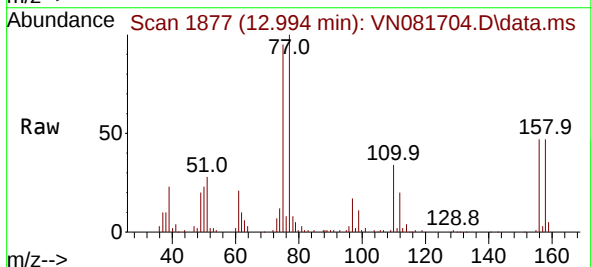
Manual Integrations
APPROVED

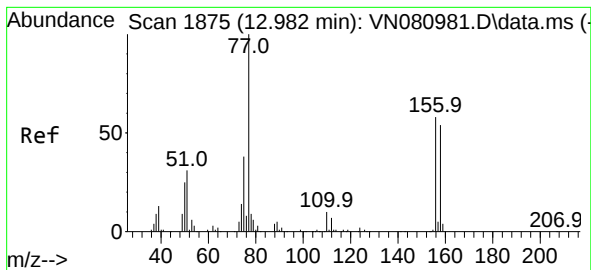
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#72
1,2,3-Trichloropropane
Concen: 18.240 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Tgt Ion: 75 Resp: 77151
Ion Ratio Lower Upper
75 100
77 221.5 0.0 367.6





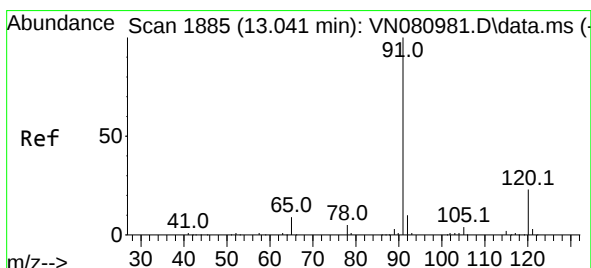
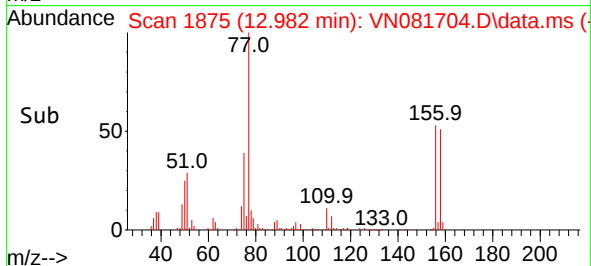
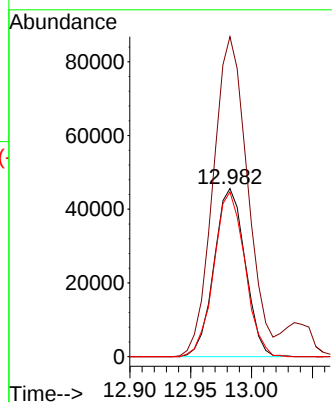
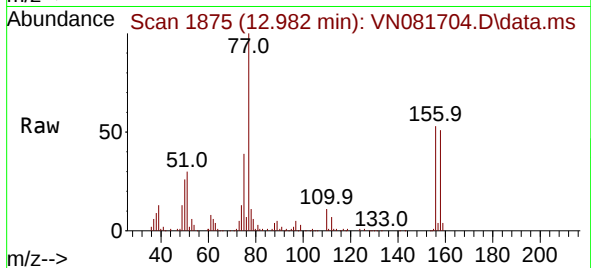
#73
Bromobenzene
Concen: 18.713 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:156 Resp: 8110
Ion Ratio Lower Upper
156 100
77 210.7 0.0 437.6
158 97.4 0.0 203.8

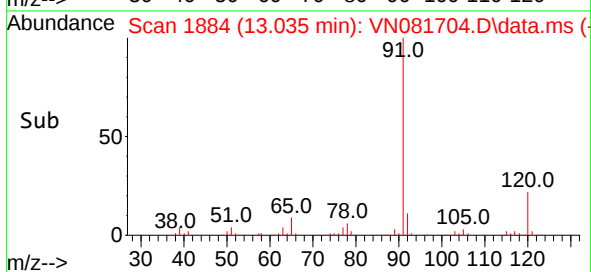
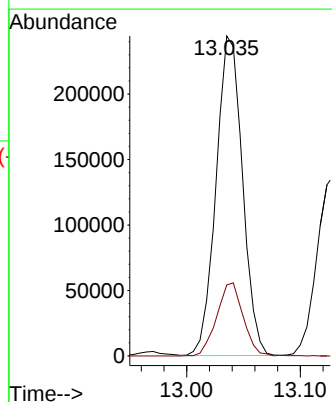
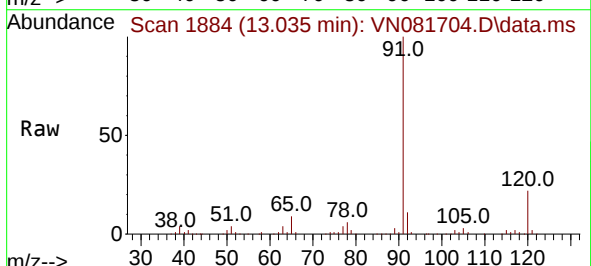
Manual Integrations
APPROVED

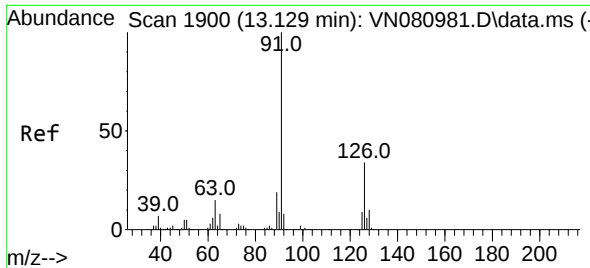
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#74
n-propylbenzene
Concen: 18.846 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Tgt Ion: 91 Resp: 394562
Ion Ratio Lower Upper
91 100
120 22.6 0.0 43.8





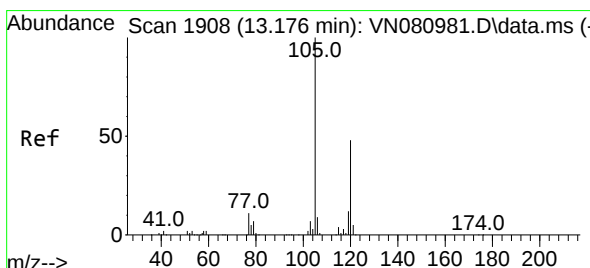
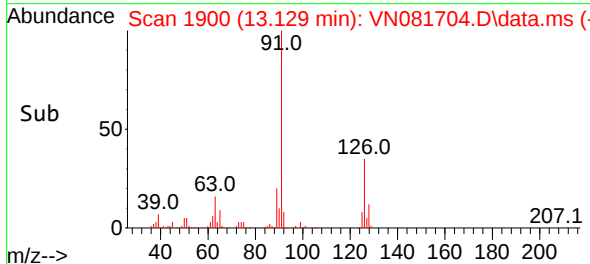
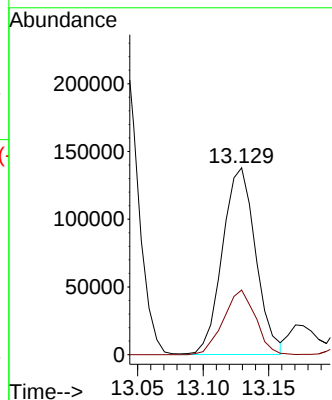
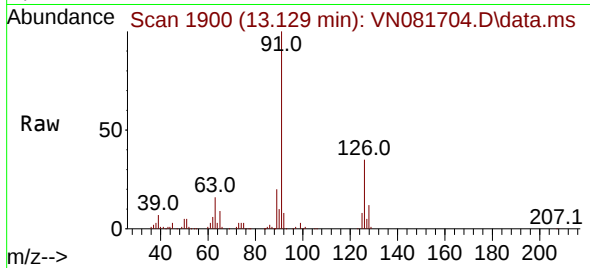
#75
2-Chlorotoluene
Concen: 19.510 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 24334
Ion Ratio Lower Upper
91 100
126 33.4 0.0 61.2

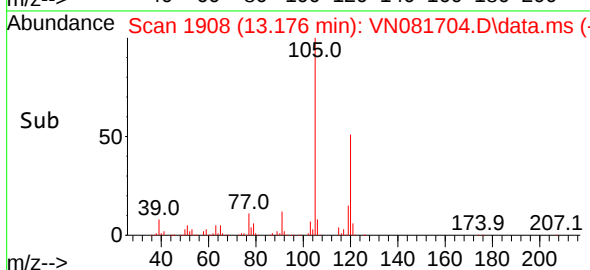
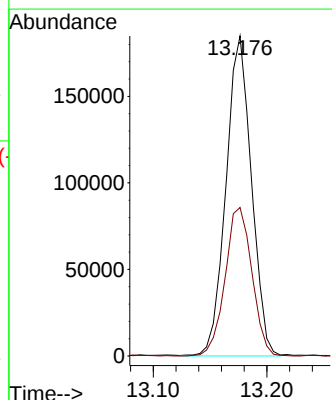
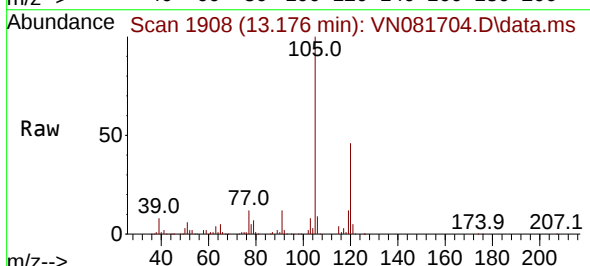
Manual Integrations
APPROVED

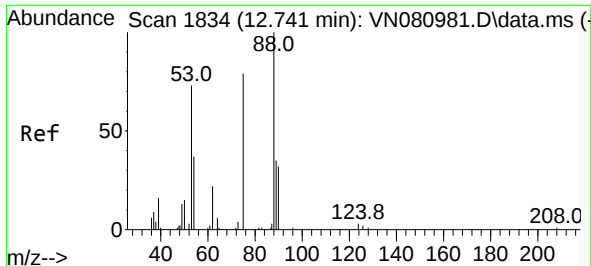
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.394 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

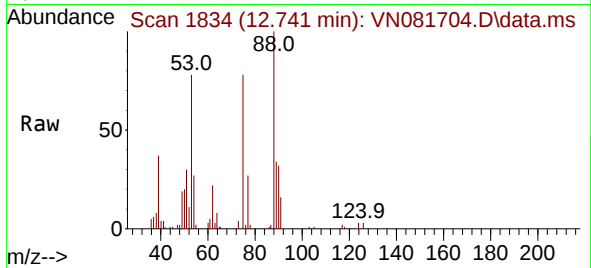
Tgt Ion:105 Resp: 287907
Ion Ratio Lower Upper
105 100
120 48.8 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 17.119 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

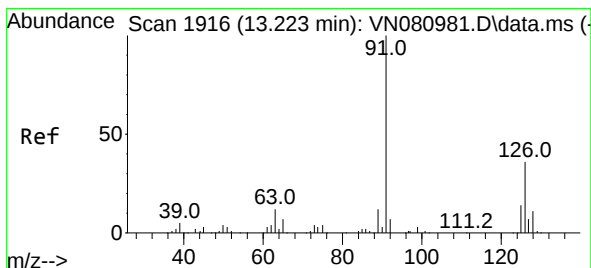
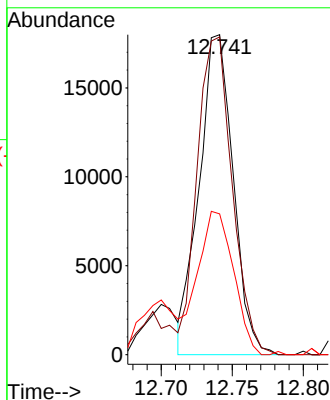
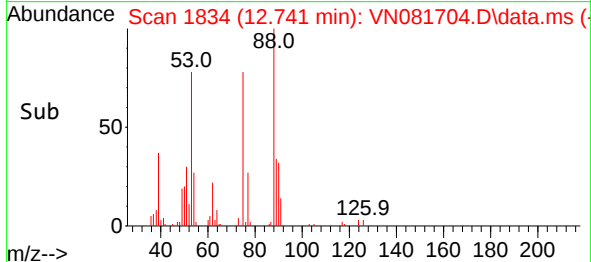
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 2998
Ion Ratio Lower Upper
75 100
53 99.3 45.9 137.7
89 43.0 25.9 77.7

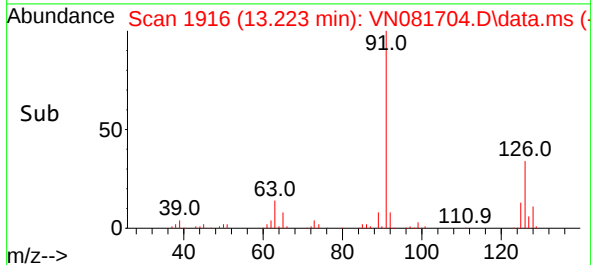
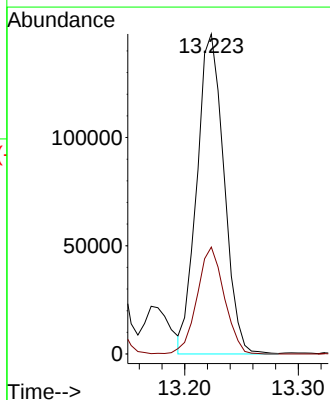
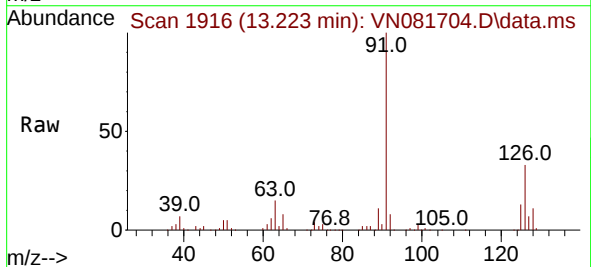
Manual Integrations
APPROVED

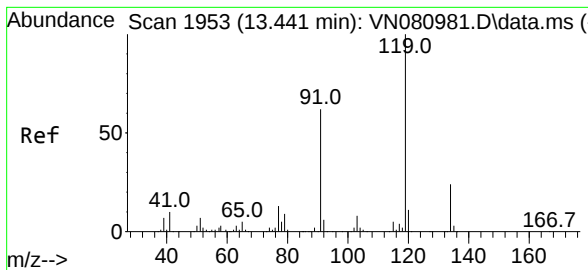
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#78
4-Chlorotoluene
Concen: 19.817 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

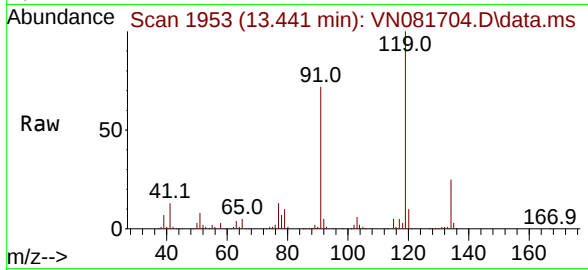
Tgt Ion: 91 Resp: 245164
Ion Ratio Lower Upper
91 100
126 33.4 0.0 62.8





#79
tert-butylbenzene
Concen: 18.739 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

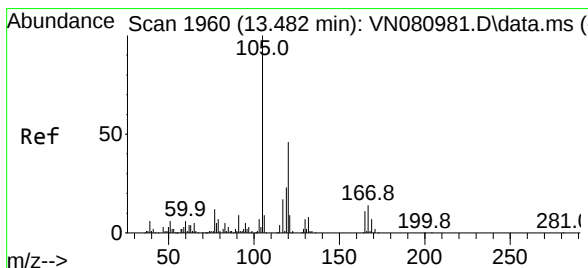
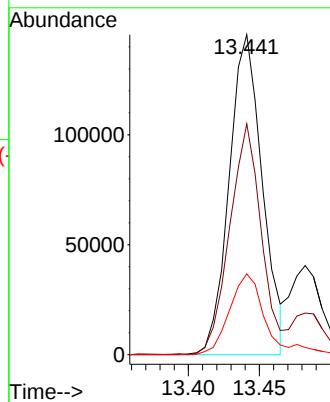
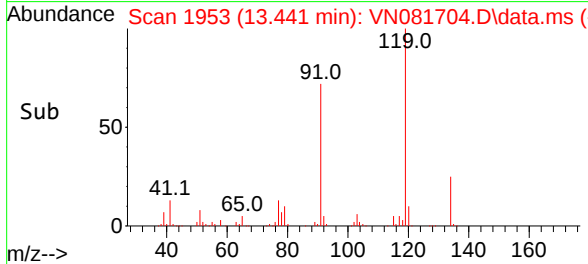
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



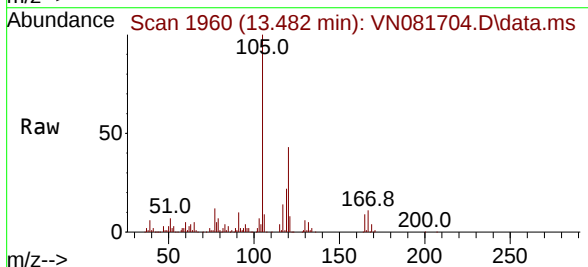
Tgt Ion:119 Resp: 236663
Ion Ratio Lower Upper
119 100
91 68.5 0.0 138.8
134 25.4 0.0 48.6

Manual Integrations
APPROVED

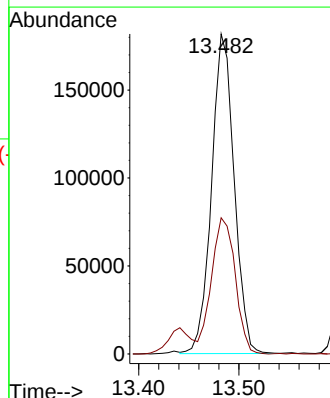
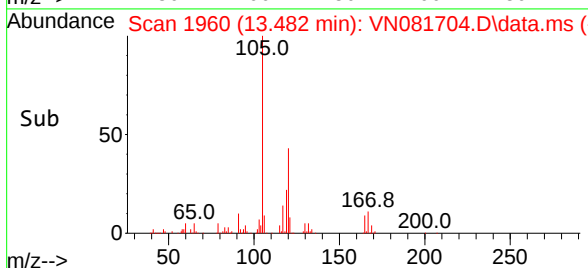
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

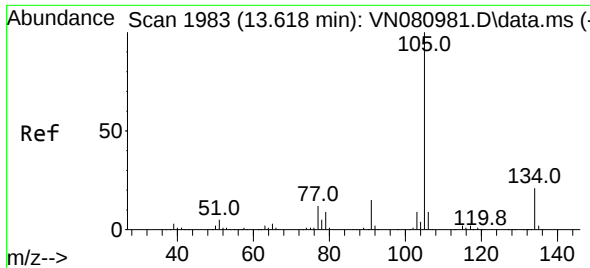


#80
1,2,4-Trimethylbenzene
Concen: 19.236 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13



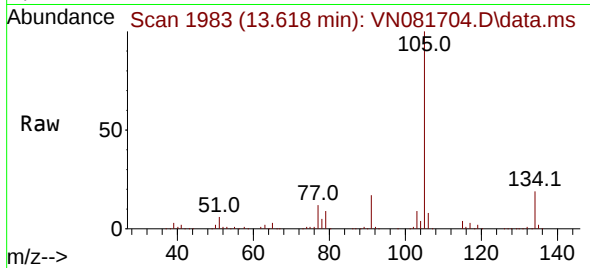
Tgt Ion:105 Resp: 284794
Ion Ratio Lower Upper
105 100
120 44.5 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 19.392 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081704.D
 Acq: 11 Apr 2024 18:13

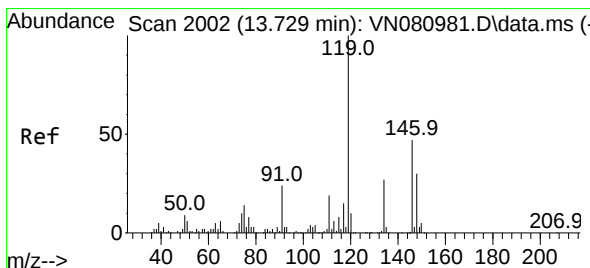
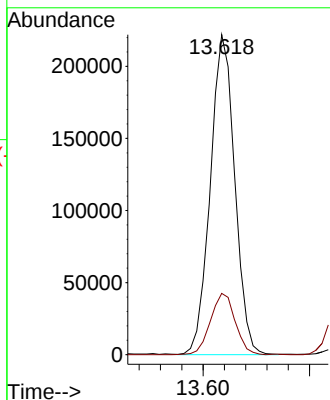
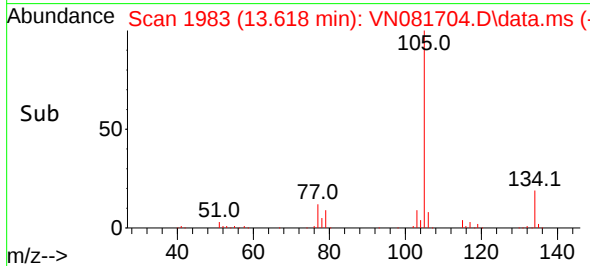
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



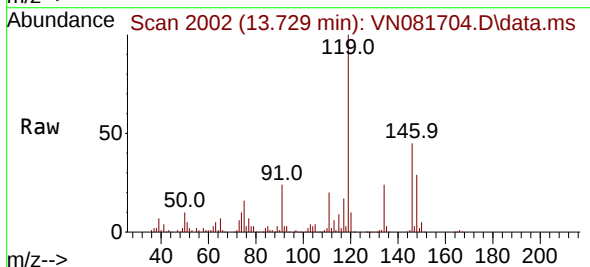
Tgt Ion:105 Resp: 35320
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.0

Manual Integrations
 APPROVED

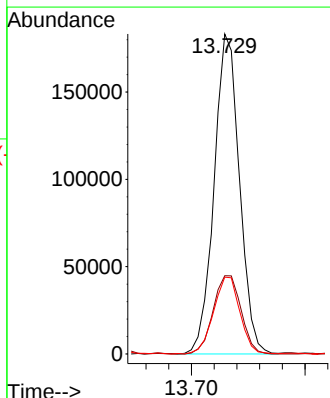
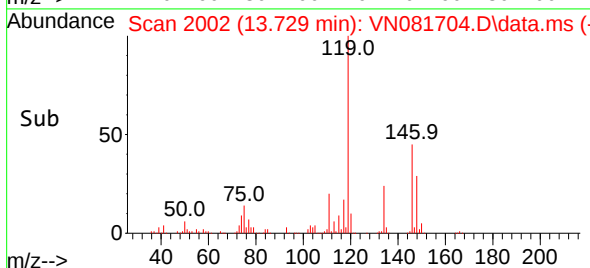
Reviewed By :John Carlone 04/12/2024
 Supervised By :Mahesh Dadoda 04/12/2024

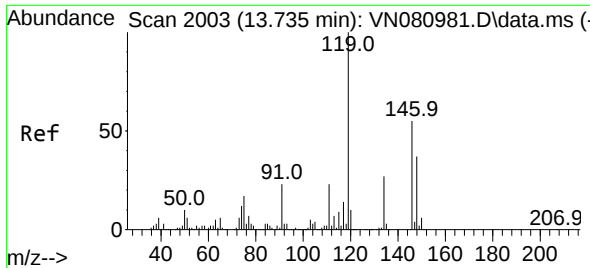


#82
 p-Isopropyltoluene
 Concen: 18.622 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081704.D
 Acq: 11 Apr 2024 18:13



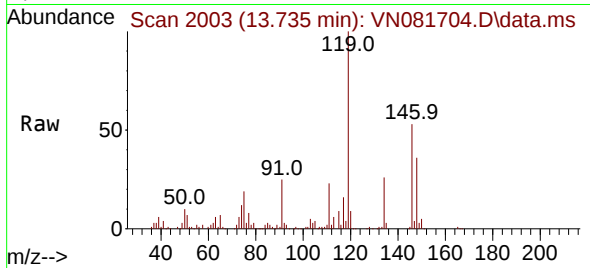
Tgt Ion:119 Resp: 284469
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 49.2
 91 25.0 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 19.138 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

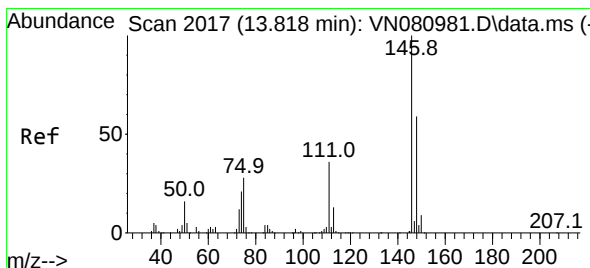
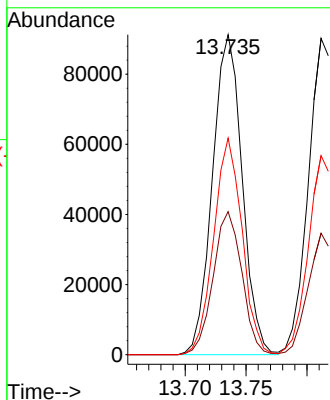
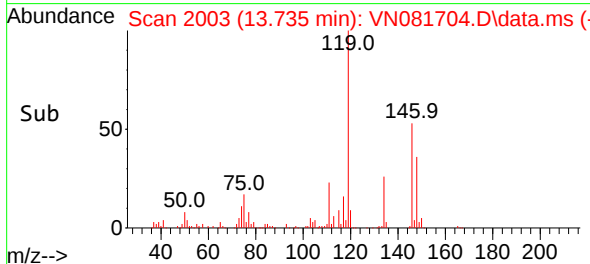
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



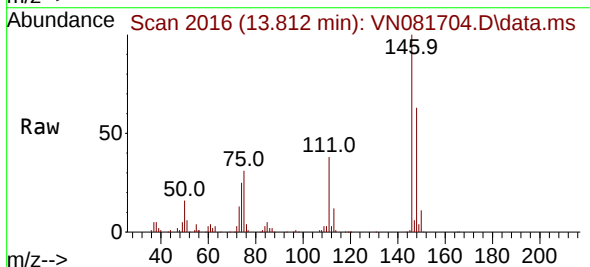
Tgt Ion:146 Resp: 155000
Ion Ratio Lower Upper
146 100
111 43.3 22.4 67.0
148 64.7 32.1 96.5

Manual Integrations
APPROVED

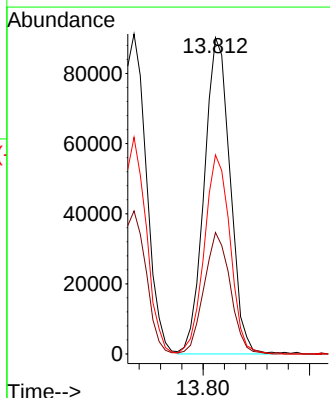
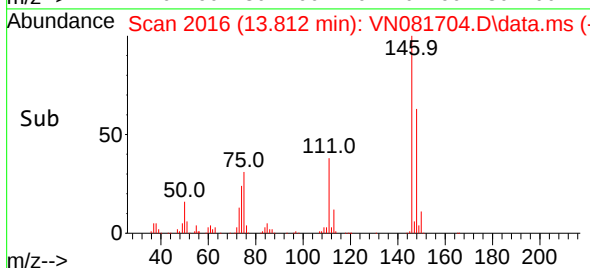
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

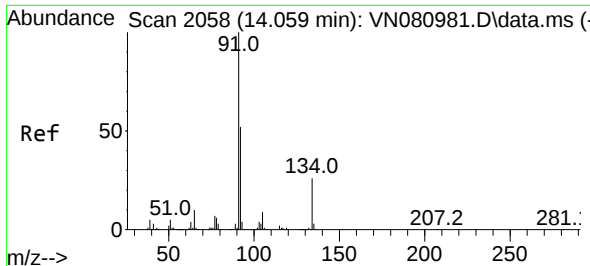


#84
1,4-Dichlorobenzene
Concen: 19.429 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13



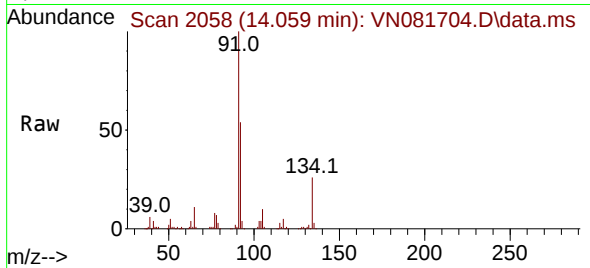
Tgt Ion:146 Resp: 152332
Ion Ratio Lower Upper
146 100
111 38.8 21.3 63.9
148 62.8 31.9 95.5





#85
n-Butylbenzene
Concen: 18.146 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

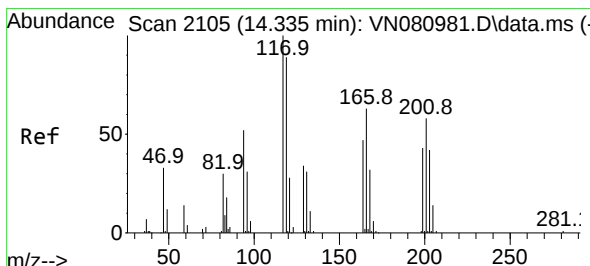
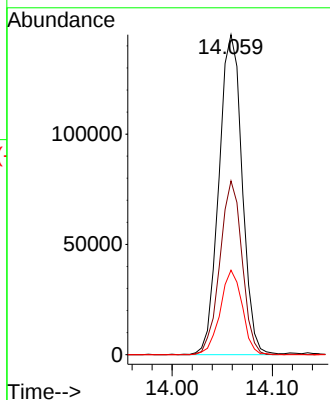
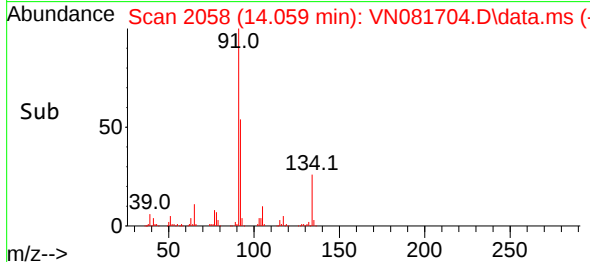
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 233490
Ion Ratio Lower Upper
91 100
92 51.8 0.0 105.0
134 25.0 0.0 51.8

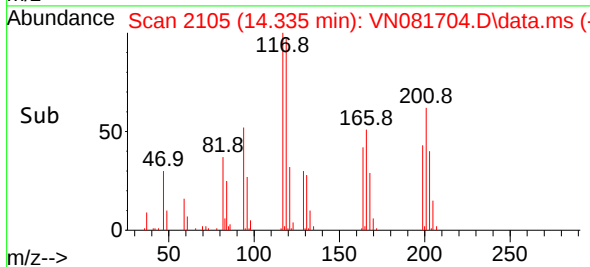
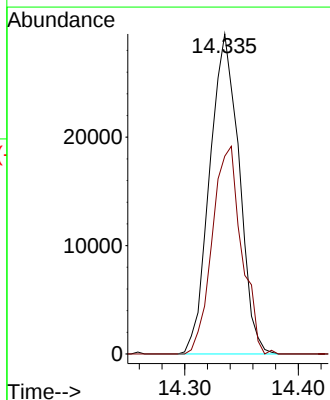
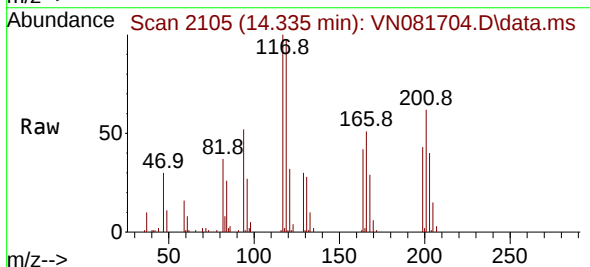
Manual Integrations
APPROVED

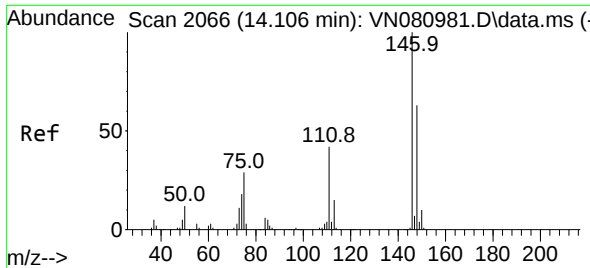
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#86
Hexachloroethane
Concen: 18.185 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

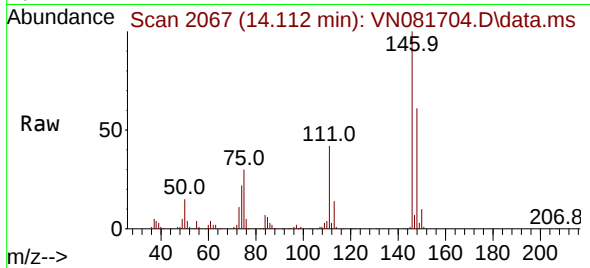
Tgt Ion:117 Resp: 53071
Ion Ratio Lower Upper
117 100
201 64.6 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 20.060 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

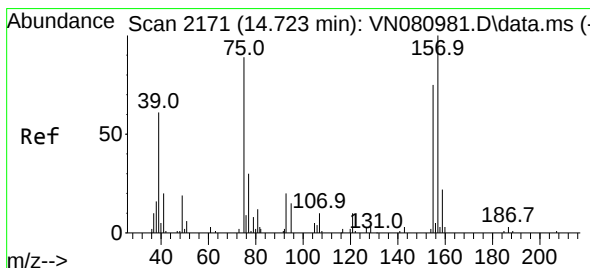
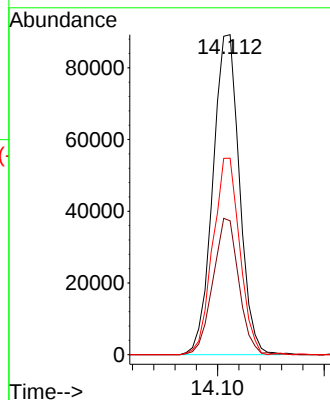
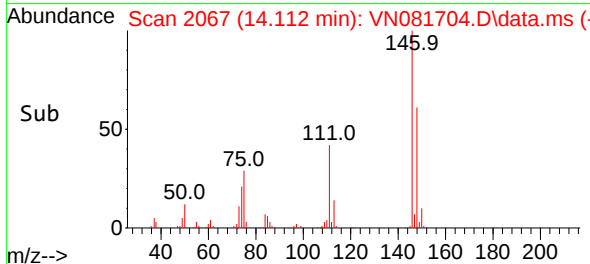
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 154658
Ion Ratio Lower Upper
146 100
111 41.3 22.6 67.8
148 62.0 31.3 93.8

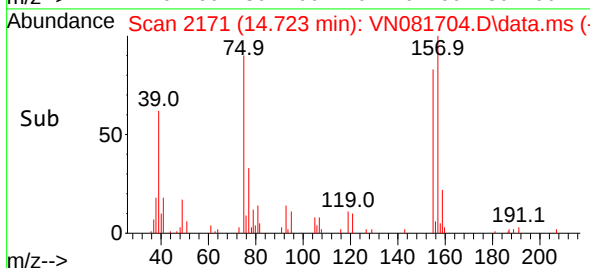
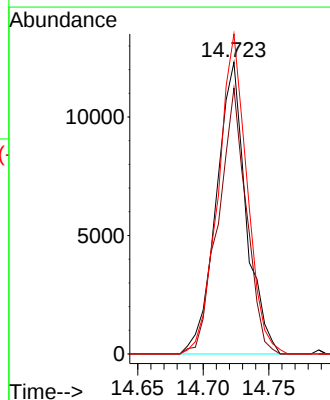
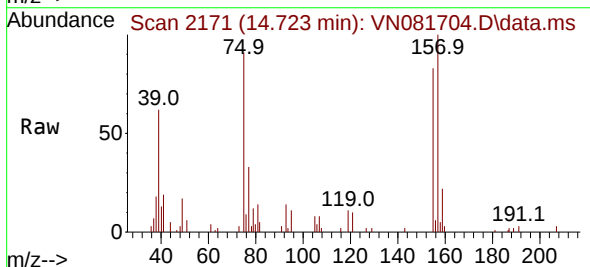
Manual Integrations
APPROVED

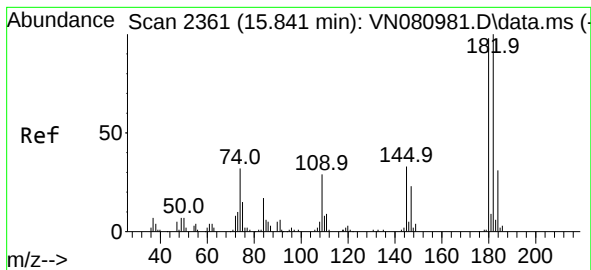
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.481 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

Tgt Ion: 75 Resp: 19403
Ion Ratio Lower Upper
75 100
155 85.8 61.7 92.5
157 106.6 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 18.752 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN081704.D

Acq: 11 Apr 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

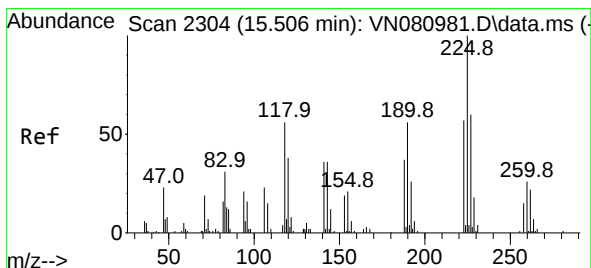
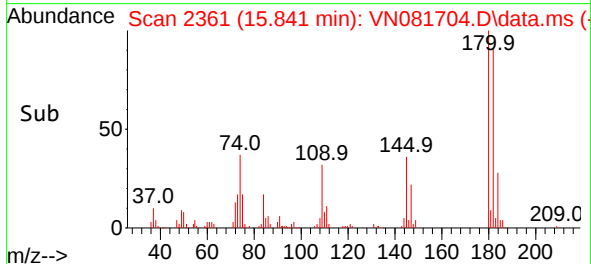
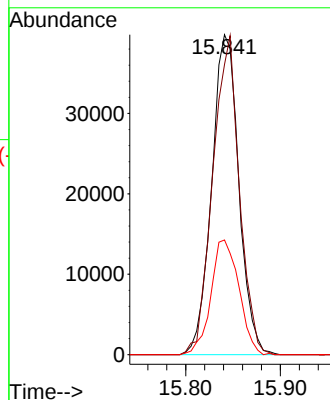
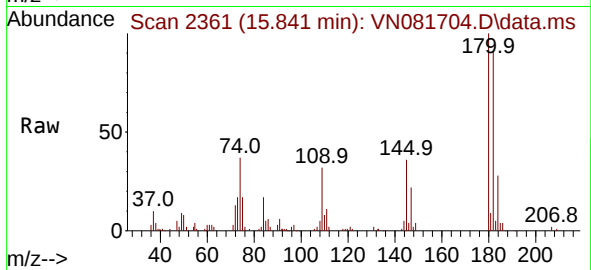
Tgt Ion:	180	Resp:	7924
Ion Ratio	Lower	Upper	
180	100		
182	97.4	76.4	114.6
145	36.9	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2024

Supervised By :Mahesh Dadoda 04/12/2024



#90

Hexachlorobutadiene

Concen: 18.780 ug/l

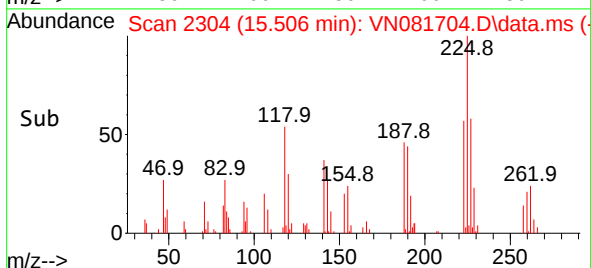
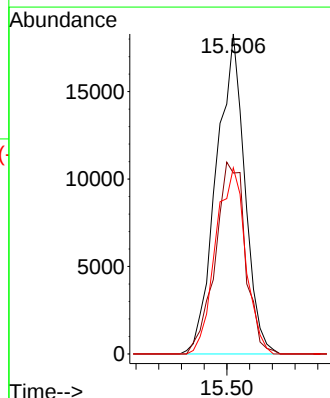
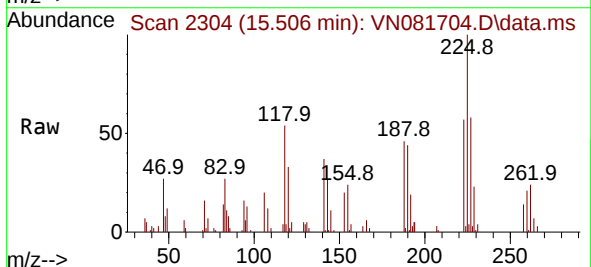
RT: 15.506 min Scan# 2304

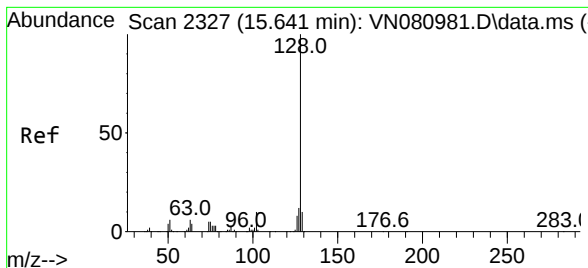
Delta R.T. 0.000 min

Lab File: VN081704.D

Acq: 11 Apr 2024 18:13

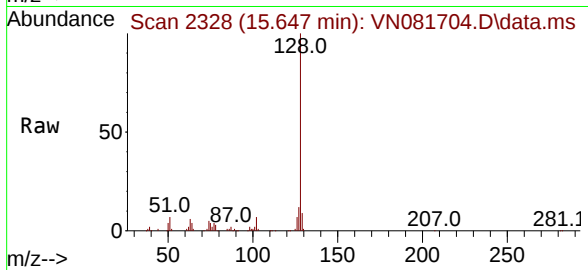
Tgt Ion:	225	Resp:	31802
Ion Ratio	Lower	Upper	
225	100		
223	63.5	0.0	126.6
227	61.0	0.0	126.6





#91
Naphthalene
Concen: 18.741 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13

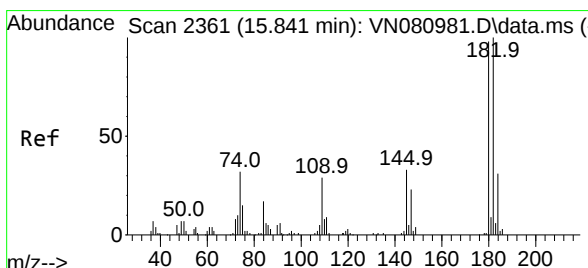
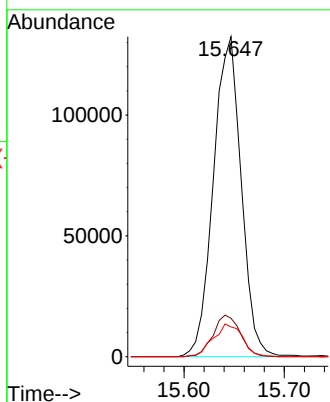
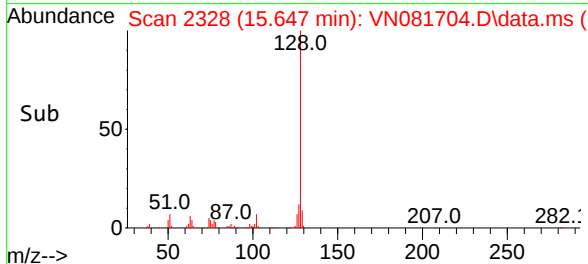
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



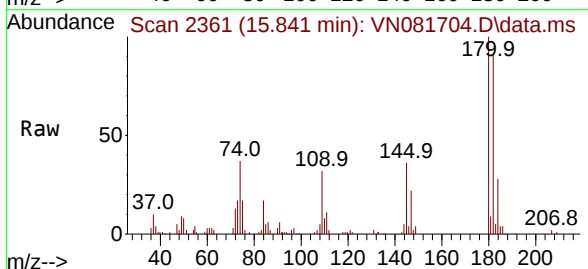
Tgt Ion:128 Resp: 25460
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.752 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN081704.D
Acq: 11 Apr 2024 18:13



Tgt Ion:180 Resp: 79241
Ion Ratio Lower Upper
180 100
182 97.4 0.0 191.0
145 36.9 0.0 71.0

