

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080983.D
 Acq On : 09 Feb 2024 11:35
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 01:40:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:30:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	82305	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	480453	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	439173	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	196280	31.738	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.800%			
60) 4-Bromofluorobenzene	12.847	95	192545	28.678	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.600%			
63) Toluene-d8	10.571	98	599560	30.421	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	25755	4.602	ug/l	96
3) Chloromethane	2.360	50	30959	5.505	ug/l	96
4) Vinyl Chloride	2.512	62	34520	5.148	ug/l	95
5) Bromomethane	2.948	94	25688	5.704	ug/l	91
6) Chloroethane	3.118	64	22789	5.214	ug/l	92
7) Trichlorofluoromethane	3.495	101	45653	5.170	ug/l	98
8) Diethyl Ether	3.965	74	16261	5.240	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	24625m	5.141	ug/l	
10) 1,1-Dichloroethene	4.342	96	22333	4.755	ug/l	91
11) Methyl Iodide	4.589	142	25334	5.036	ug/l #	75
12) Methyl Acetate	5.030	43	23156m	5.461	ug/l	
13) Acrolein	4.183	56	23337	25.143	ug/l	94
14) Acrylonitrile	5.730	53	52904m	25.006	ug/l	
15) Acetone	4.436	58	12814	26.355	ug/l	76
16) Carbon Disulfide	4.706	76	66291	5.143	ug/l	98
17) Allyl chloride	5.024	41	28751	4.874	ug/l	79
18) Methylene Chloride	5.277	84	28761m	5.354	ug/l	
19) trans-1,2-Dichloroethene	5.783	96	26332	4.939	ug/l	91
20) Diisopropyl ether	6.671	45	68412	4.825	ug/l	96
21) 1,1-Dichloroethane	6.571	63	46269	5.092	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	29662	4.788	ug/l	99
23) tert-Butyl Alcohol	5.512	59	20133m	26.149	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	75135	4.825	ug/l	93
25) Chloroform	7.965	83	48534	4.815	ug/l	94
26) Cyclohexane	8.259	56	34374	5.024	ug/l #	85
29) 1,1-Dichloropropene	8.371	75	35108	4.906	ug/l	91
30) 2-Butanone	7.489	43	68114	25.941	ug/l #	98
31) 2,2-Dichloropropane	7.494	77	37918	4.653	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	44952	4.993	ug/l	99
33) Carbon Tetrachloride	8.365	117	35053	4.621	ug/l	97
34) Benzene	8.606	78	110778	5.065	ug/l #	89
35) Methacrylonitrile	7.789	41	15546	5.037	ug/l	87
36) 1,2-Dichloroethane	8.671	62	37003	5.042	ug/l	97
37) Trichloroethene	9.353	130	28953	4.979	ug/l	81
38) Methylcyclohexane	9.606	83	34381	4.814	ug/l	94
39) 1,2-Dichloropropane	9.624	63	25462	4.908	ug/l	92
40) Dibromomethane	9.712	93	19112	4.843	ug/l	97
41) Bromodichloromethane	9.888	83	37536	4.860	ug/l	92
42) Vinyl Acetate	6.606	43	271658	24.079	ug/l	98

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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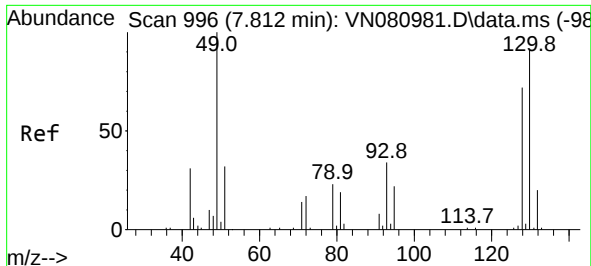
Manual Integrations
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 Supervised By : Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 01:40:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:30:36 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	25850	4.622	ug/l #	78
44) Isopropyl Acetate	8.689	43	50098	5.098	ug/l	95
45) 1,4-Dioxane	9.700	88	9731m	105.010	ug/l	
46) Methyl methacrylate	9.683	41	23272	5.176	ug/l	86
47) n-amyl Acetate	12.500	43	39200	4.574	ug/l	95
48) t-1,3-Dichloropropene	10.841	75	36242	4.477	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	40146	4.577	ug/l	94
50) 1,1,2-Trichloroethane	11.018	97	27256	4.991	ug/l	93
51) Ethyl methacrylate	10.877	69	35832	4.695	ug/l	95
52) 1,3-Dichloropropane	11.171	76	44667	4.953	ug/l	99
53) Dibromochloromethane	11.359	129	27719	4.657	ug/l	91
54) 1,2-Dibromoethane	11.471	107	27417	4.853	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	90393	23.111	ug/l	97
56) Bromoform	12.582	173	15892	4.192	ug/l	95
58) 4-Methyl-2-Pentanone	10.447	43	143090	25.096	ug/l	93
59) 2-Hexanone	11.200	43	98954	23.597	ug/l	92
61) Tetrachloroethene	11.106	164	25640	5.111	ug/l	84
62) Toluene	10.635	91	121750	5.061	ug/l	99
64) Chlorobenzene	11.894	112	72818	4.942	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	26127	4.780	ug/l	96
66) Ethyl Benzene	11.965	91	116369	4.601	ug/l	99
67) m/p-Xylenes	12.077	106	91998	9.261	ug/l	94
68) o-Xylene	12.400	106	45368	4.660	ug/l	94
69) Styrene	12.412	104	70505	4.399	ug/l	96
70) Isopropylbenzene	12.700	105	108400	4.569	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	37740	5.159	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	28831m	5.158	ug/l	
73) Bromobenzene	12.982	156	25484	4.320	ug/l	91
74) n-propylbenzene	13.035	91	122203	4.532	ug/l	97
75) 2-Chlorotoluene	13.129	91	78306	4.678	ug/l	93
76) 1,3,5-Trimethylbenzene	13.176	105	87562	4.511	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	8657m	4.030	ug/l	
78) 4-Chlorotoluene	13.224	91	76033	4.535	ug/l	98
79) tert-butylbenzene	13.441	119	69931	4.340	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	85052	4.398	ug/l	99
81) sec-Butylbenzene	13.618	105	99418	4.406	ug/l	100
82) p-Isopropyltoluene	13.735	119	82117	4.335	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	47801	4.505	ug/l	96
84) 1,4-Dichlorobenzene	13.812	146	48517	4.555	ug/l	97
85) n-Butylbenzene	14.059	91	63160	4.041	ug/l	98
86) Hexachloroethane	14.335	117	12436	4.162	ug/l #	39
87) 1,2-Dichlorobenzene	14.112	146	49759	4.817	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.723	75	6257	4.739	ug/l #	84
89) 1,2,4-Trichlorobenzene	15.841	180	20944	4.144	ug/l	96
90) Hexachlorobutadiene	15.506	225	10463	4.719	ug/l	93
91) Naphthalene	15.647	128	74564	4.155	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	20944	4.144	ug/l	96

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



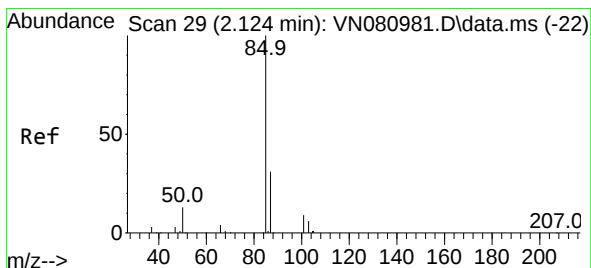
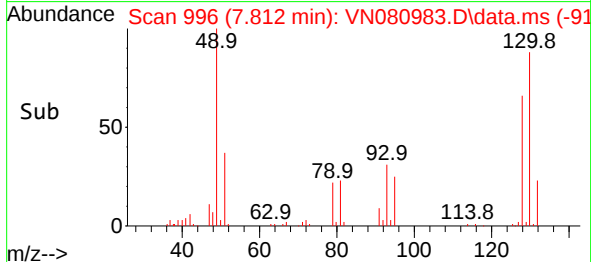
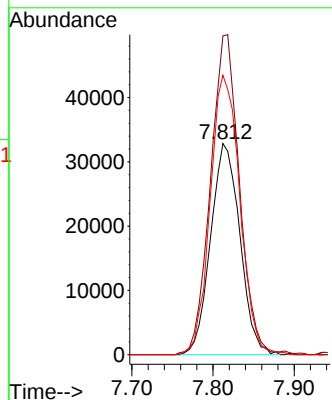
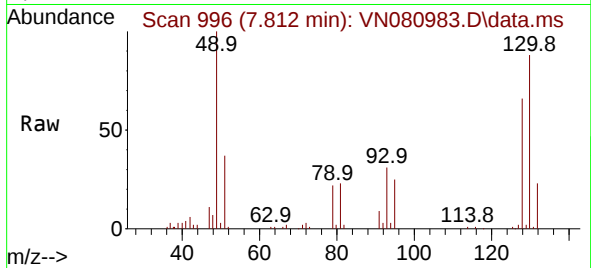
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 82305
Ion Ratio Lower Upper
128 100
49 149.0 0.0 403.7
130 134.4 0.0 323.3

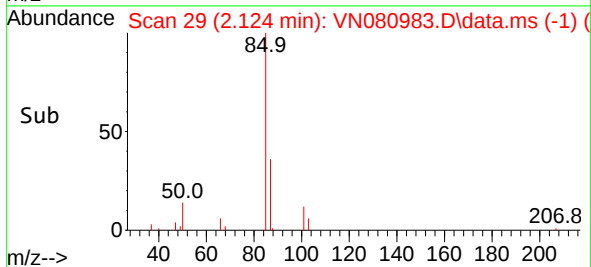
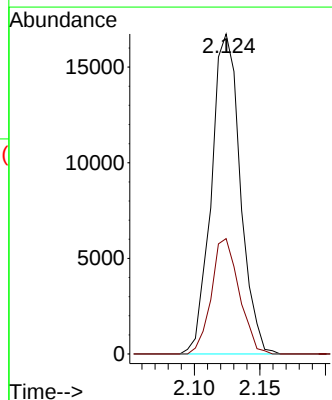
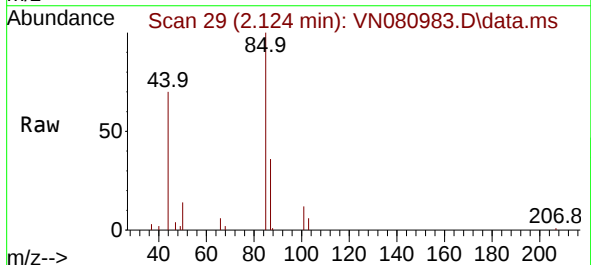
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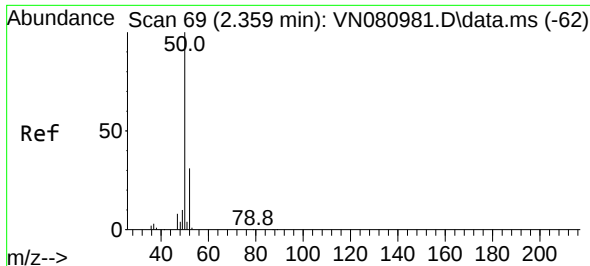
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#2
Dichlorodifluoromethane
Concen: 4.602 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

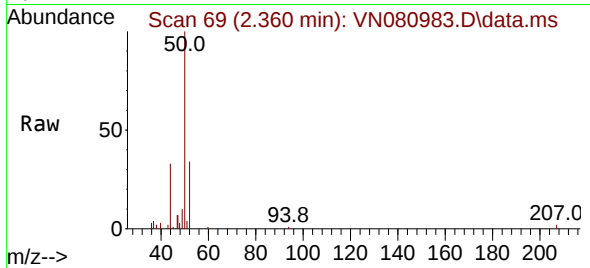
Tgt Ion: 85 Resp: 25755
Ion Ratio Lower Upper
85 100
87 36.1 16.8 50.3





#3
Chloromethane
Concen: 5.505 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

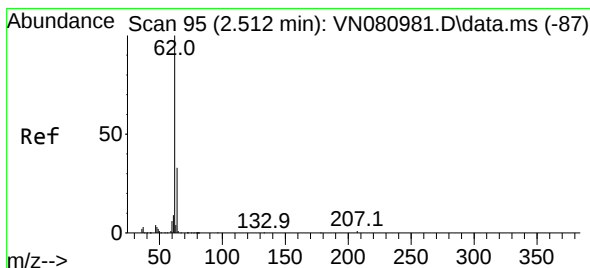
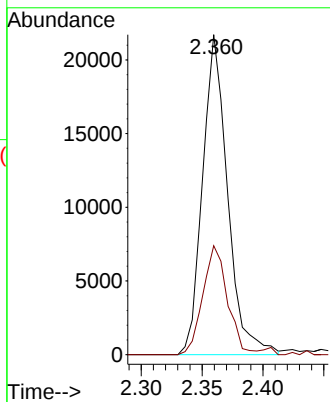
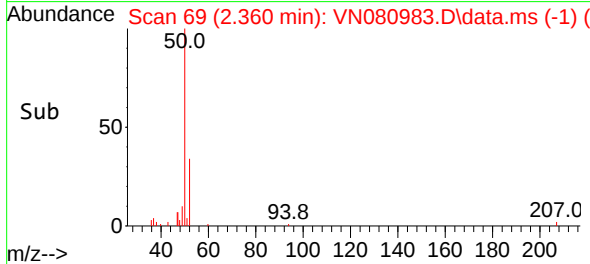
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



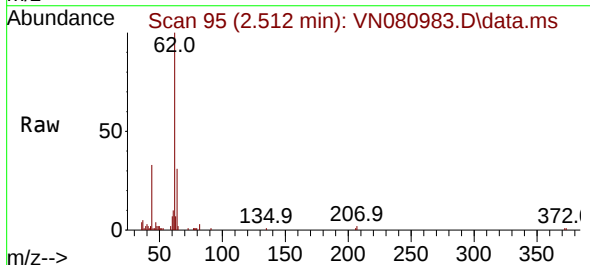
Tgt Ion: 50 Resp: 3095
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.0

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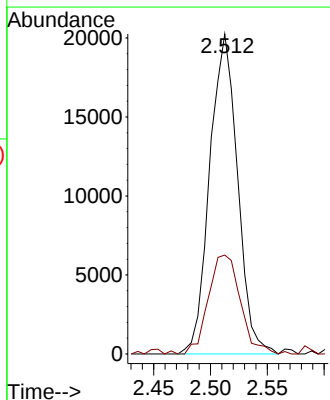
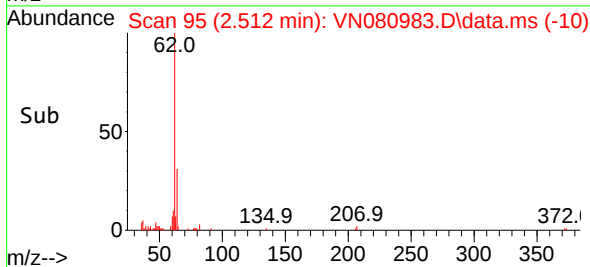
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Supervised By :Mahesh Dadoda 02/12/2024

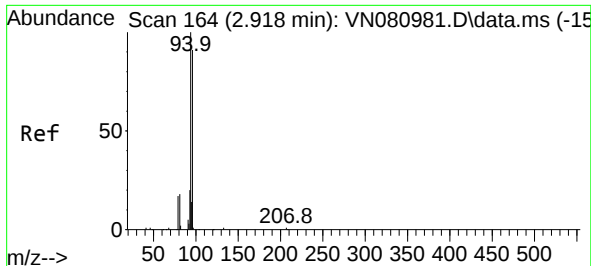


#4
Vinyl Chloride
Concen: 5.148 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35



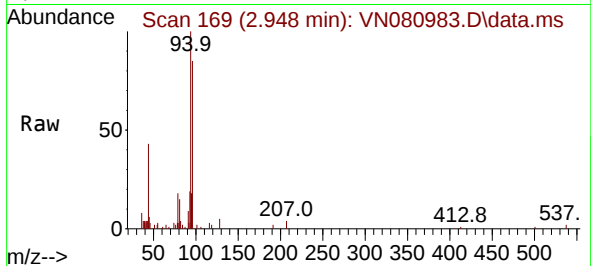
Tgt Ion: 62 Resp: 34520
Ion Ratio Lower Upper
62 100
64 32.7 24.1 36.1





#5
Bromomethane
Concen: 5.704 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.030 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

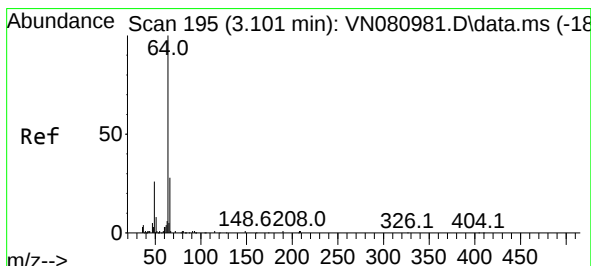
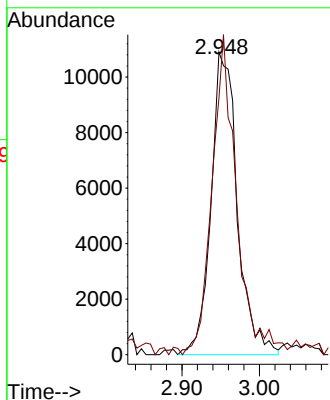
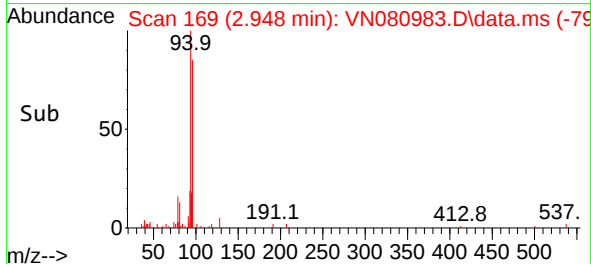
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 2568
Ion Ratio Lower Upper
94 100
96 82.9 72.8 109.2

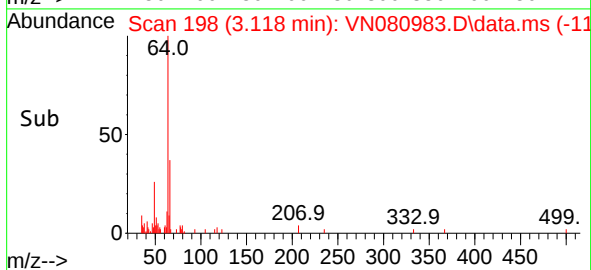
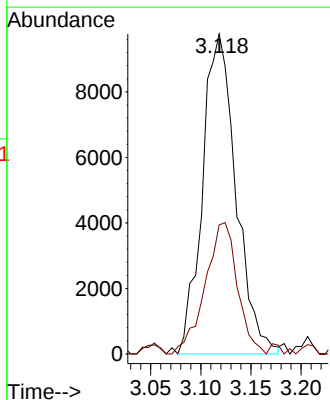
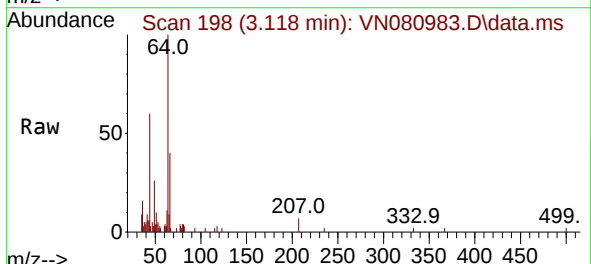
Manual Integrations
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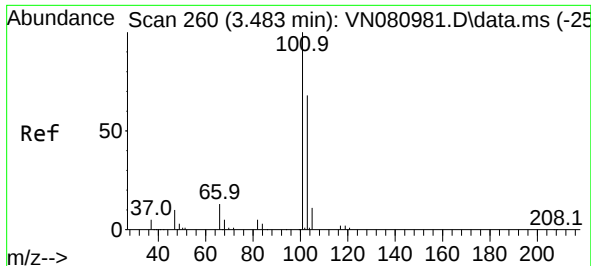
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#6
Chloroethane
Concen: 5.214 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.018 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 64 Resp: 22789
Ion Ratio Lower Upper
64 100
66 38.0 26.7 40.1





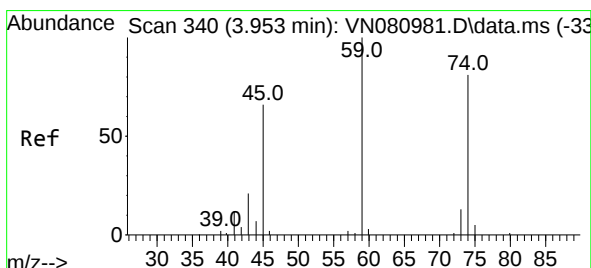
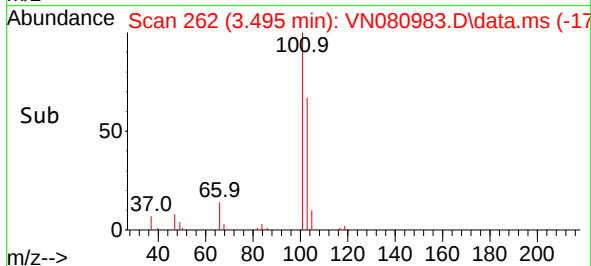
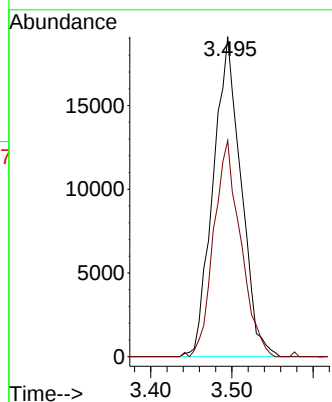
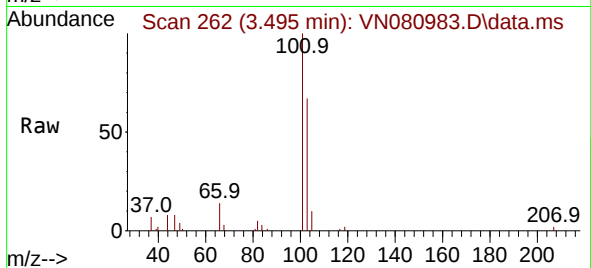
#7
Trichlorofluoromethane
Concen: 5.170 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 4565
Ion Ratio Lower Upper
101 100
103 67.5 53.0 79.4

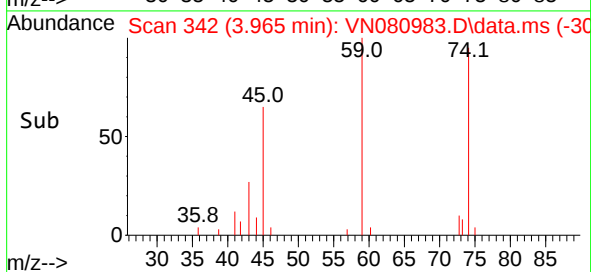
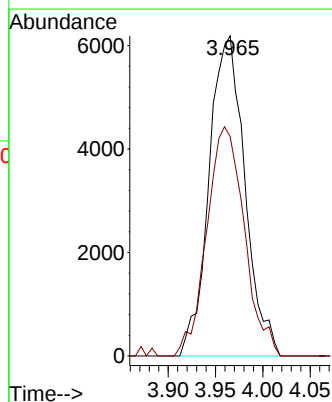
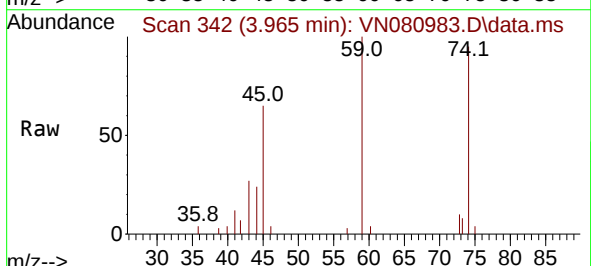
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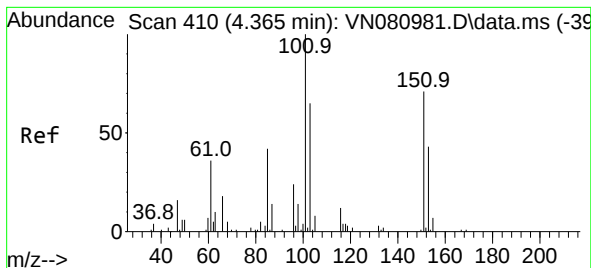
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#8
Diethyl Ether
Concen: 5.240 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 74 Resp: 16261
Ion Ratio Lower Upper
74 100
45 75.1 16.4 147.4





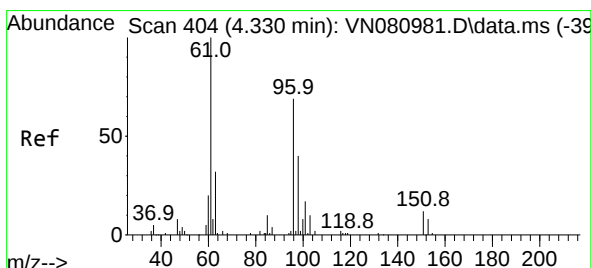
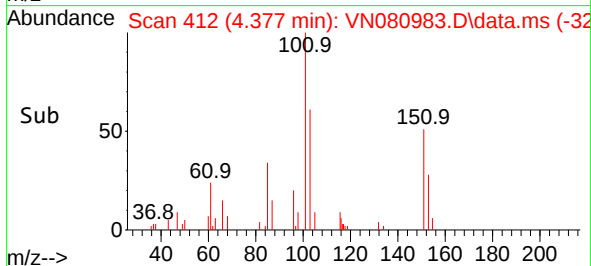
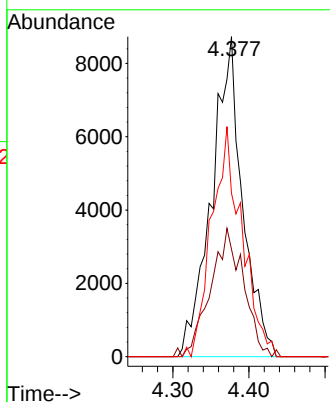
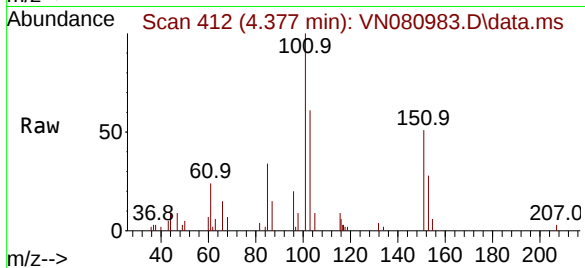
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1,1,2-Trichlorotrifluoroethane
Concen: 5.141 ug/l m
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 2462
Ion Ratio Lower Upper
101 100
85 31.2 0.0 90.6
151 50.9 0.0 157.6

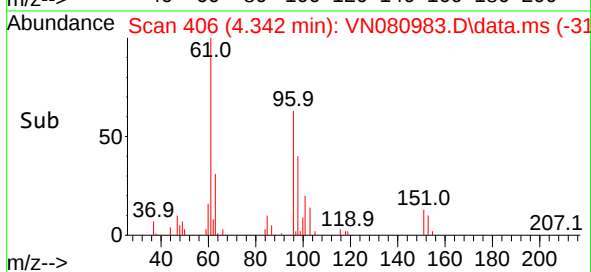
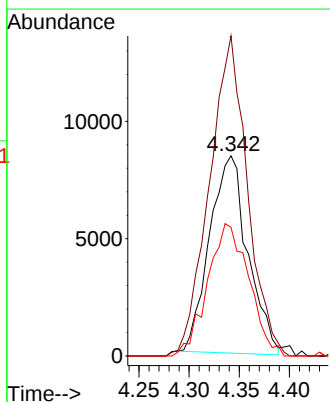
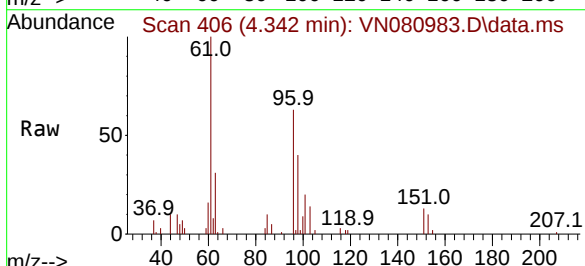
Manual Integrations
APPROVED

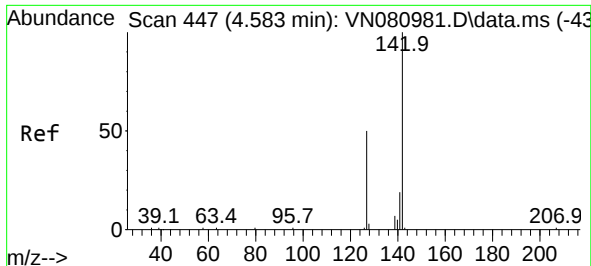
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#10
1,1-Dichloroethene
Concen: 4.755 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

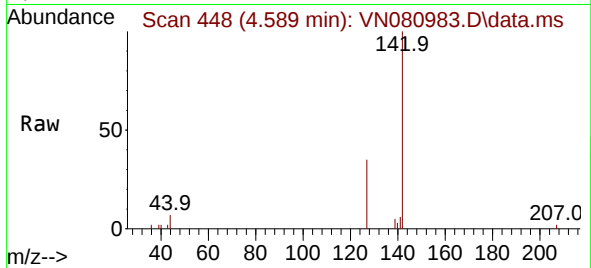
Tgt Ion: 96 Resp: 22333
Ion Ratio Lower Upper
96 100
61 161.0 117.6 176.4
98 63.9 48.4 72.6





#11
Methyl Iodide
Concen: 5.036 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

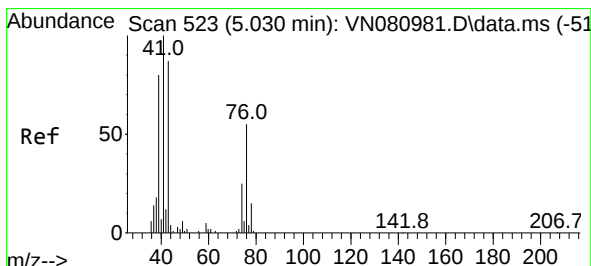
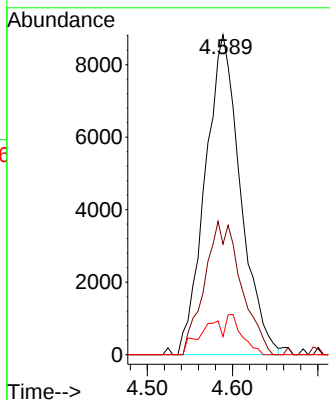
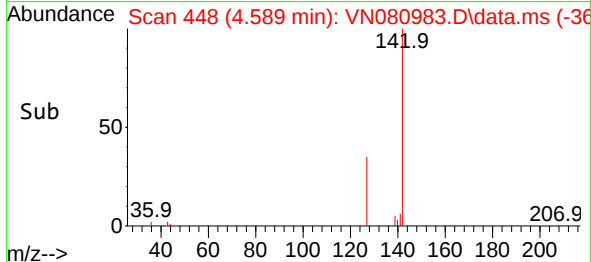
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:142 Resp: 25334
Ion Ratio Lower Upper
142 100
127 34.9 26.3 78.9
141 5.7 8.3 24.9

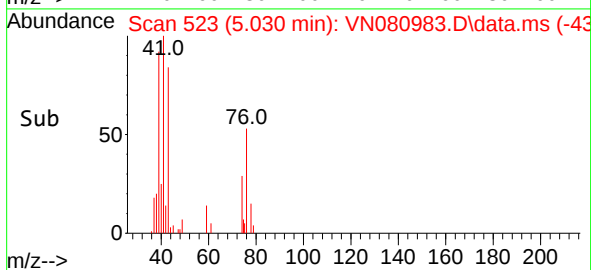
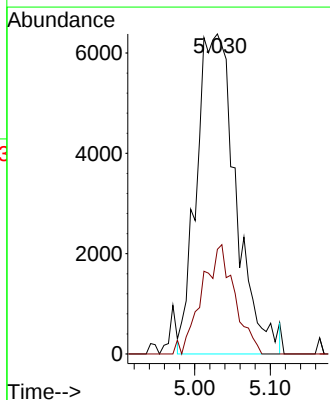
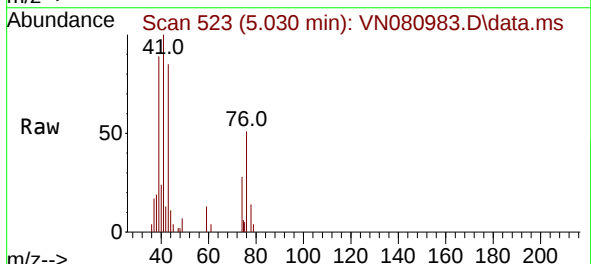
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#12
Methyl Acetate
Concen: 5.461 ug/l m
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 43 Resp: 23156
Ion Ratio Lower Upper
43 100
74 32.7 27.7 41.5





#13

Acrolein

Concen: 25.143 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 2333

Ion Ratio Lower Upper

56 100

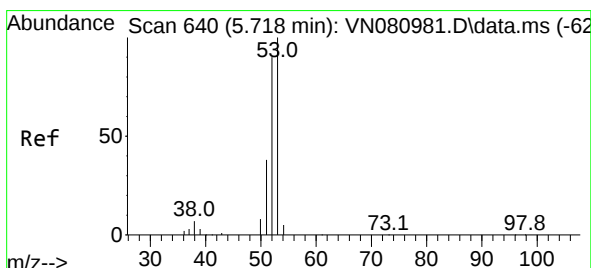
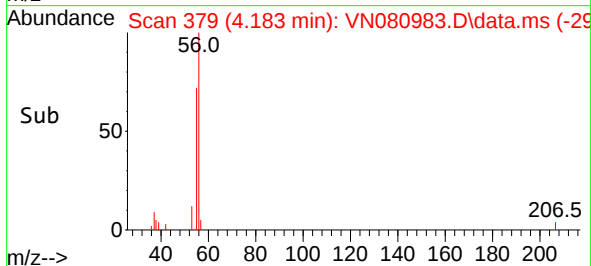
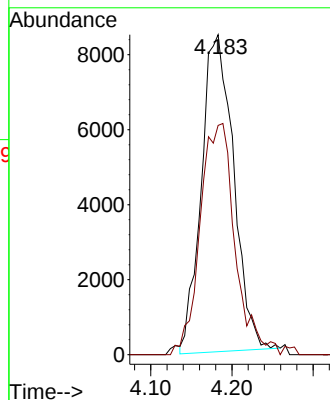
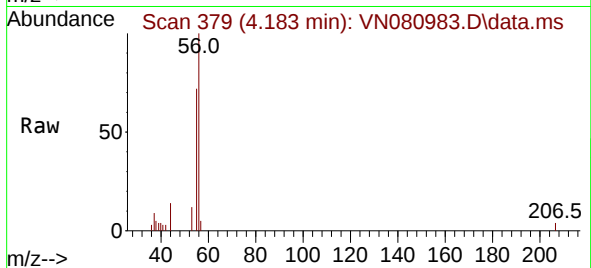
55 74.1 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#14

Acrylonitrile

Concen: 25.006 ug/l m

RT: 5.730 min Scan# 642

Delta R.T. 0.012 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

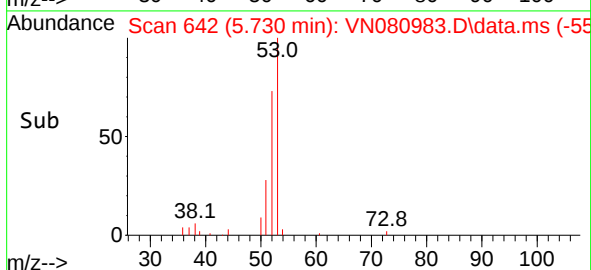
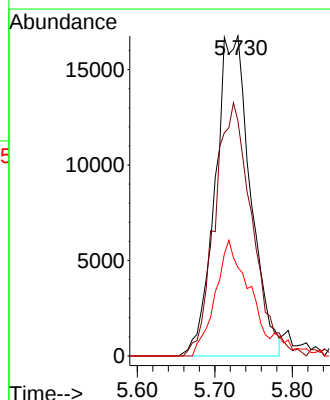
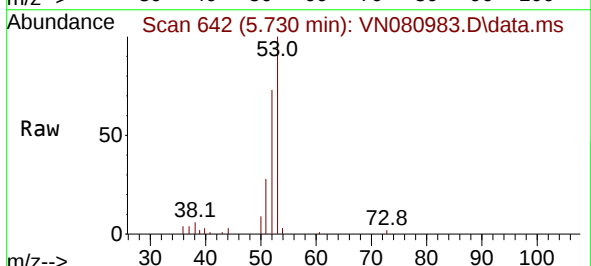
Tgt Ion: 53 Resp: 52904

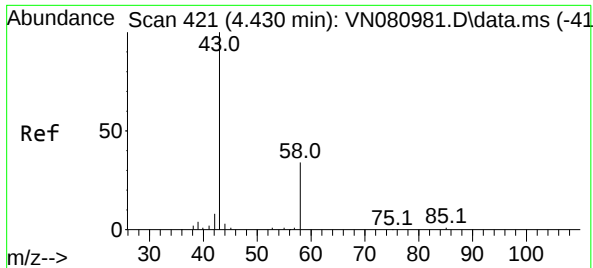
Ion Ratio Lower Upper

53 100

52 83.8 41.3 123.9

51 34.5 16.8 50.3





#15

Acetone

Concen: 26.355 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 12814

Ion Ratio Lower Upper

58 100

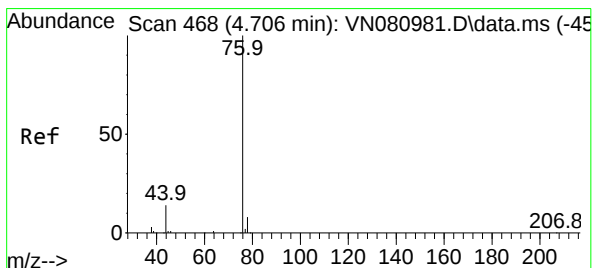
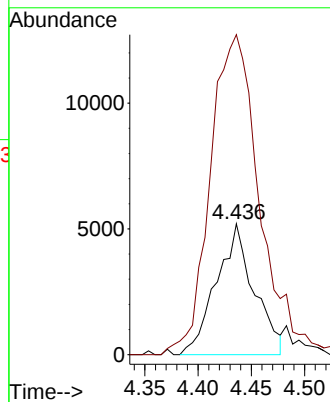
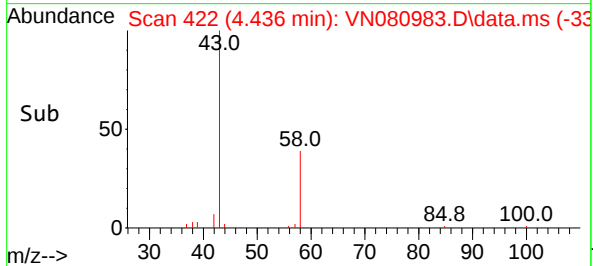
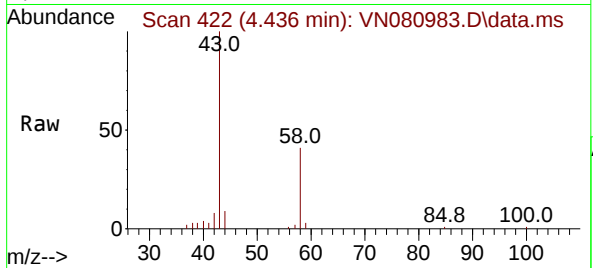
43 234.1 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#16

Carbon Disulfide

Concen: 5.143 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.000 min

Lab File: VN080983.D

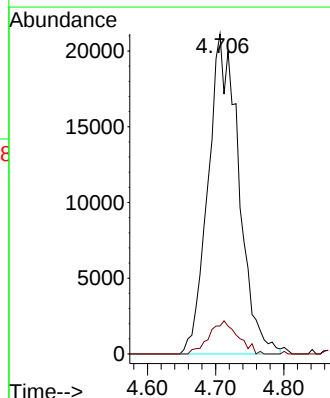
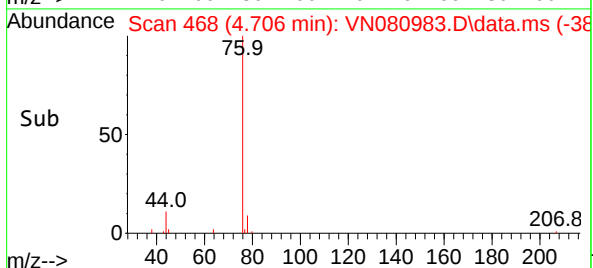
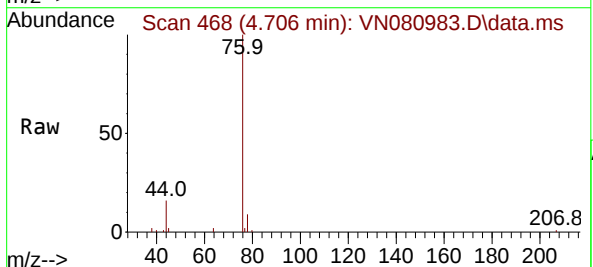
Acq: 09 Feb 2024 11:35

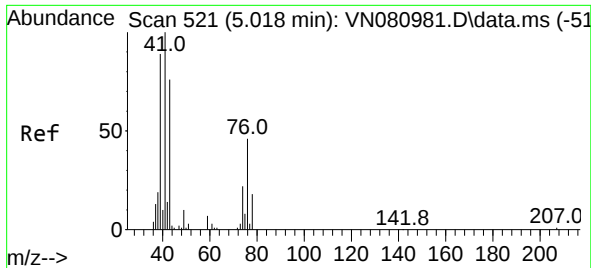
Tgt Ion: 76 Resp: 66291

Ion Ratio Lower Upper

76 100

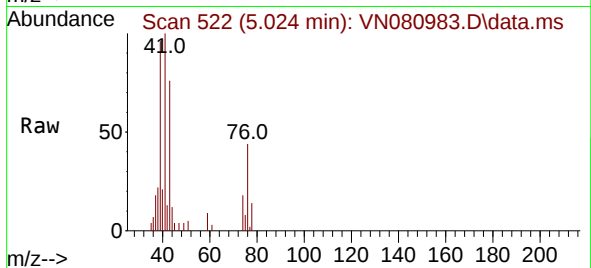
78 8.7 6.3 9.5





#17
 Allyl chloride
 Concen: 4.874 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN080983.D
 Acq: 09 Feb 2024 11:35

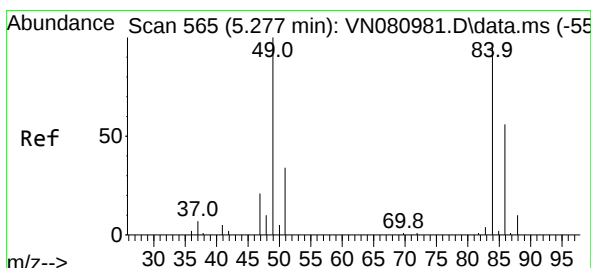
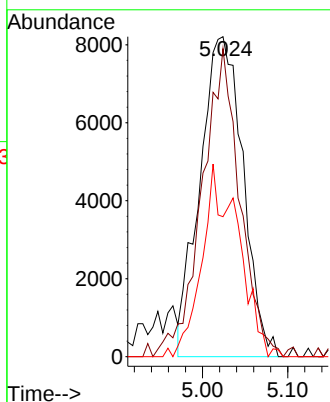
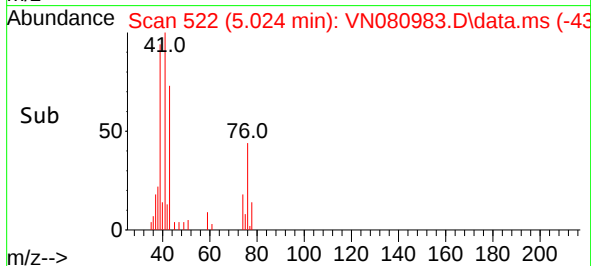
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



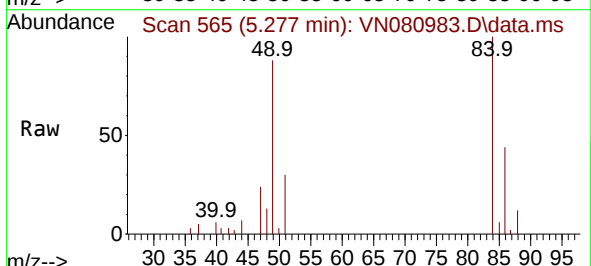
Tgt Ion: 41 Resp: 2875
 Ion Ratio Lower Upper
 41 100
 39 93.8 37.6 112.9
 76 41.6 27.8 83.4

Manual Integrations
 APPROVED

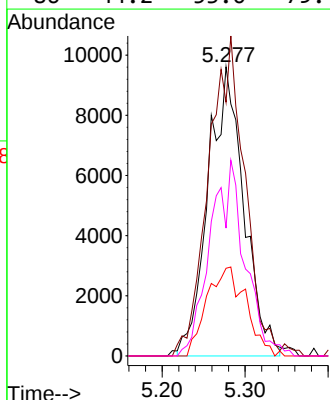
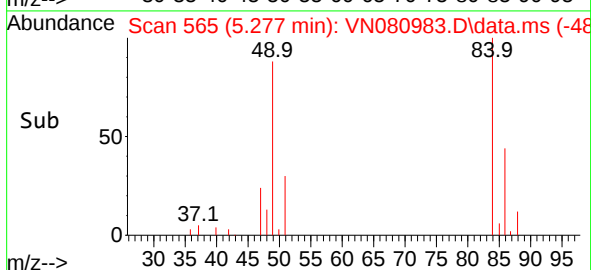
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

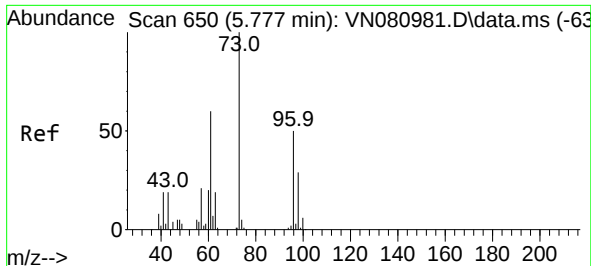


#18
 Methylene Chloride
 Concen: 5.354 ug/l m
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN080983.D
 Acq: 09 Feb 2024 11:35



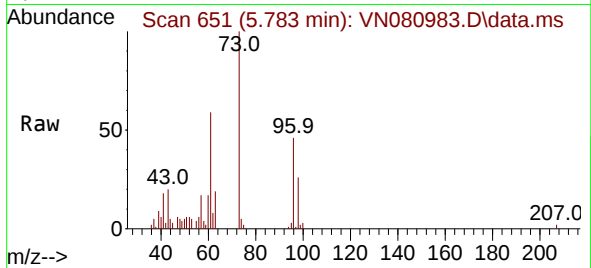
Tgt Ion: 84 Resp: 28761
 Ion Ratio Lower Upper
 84 100
 49 87.8 86.0 129.0
 51 30.3 30.0 45.0
 86 44.2 53.0 79.4#





#19
trans-1,2-Dichloroethene
Concen: 4.939 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

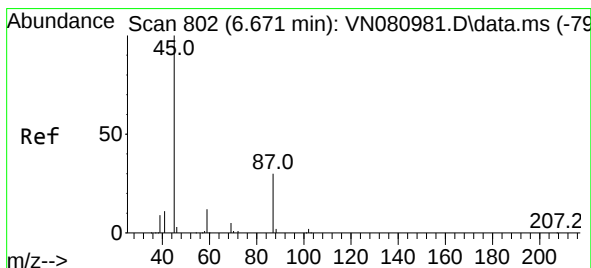
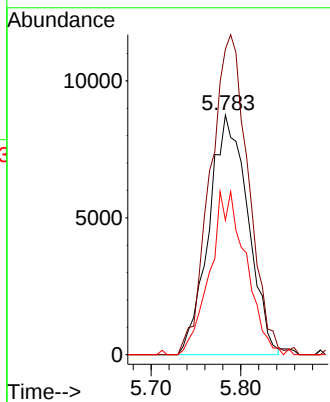
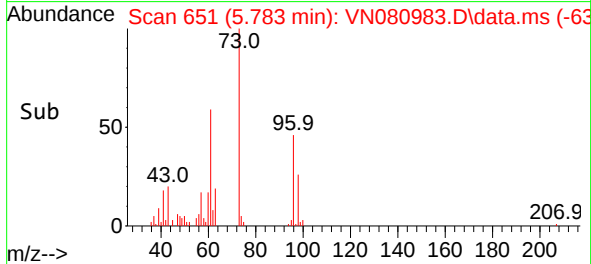
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 26332
Ion Ratio Lower Upper
96 100
61 127.5 111.8 167.6
98 56.1 49.2 73.8

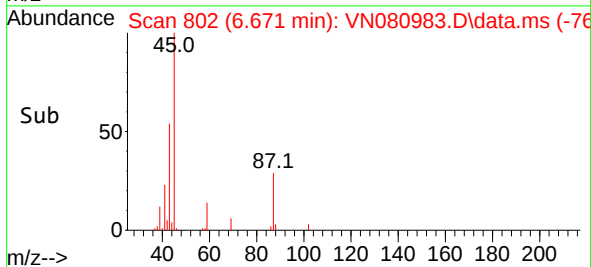
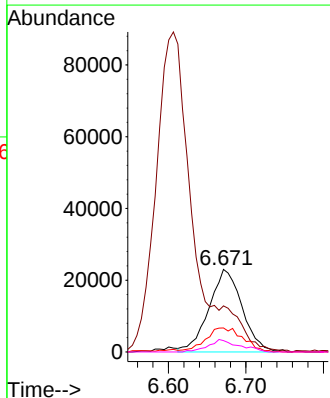
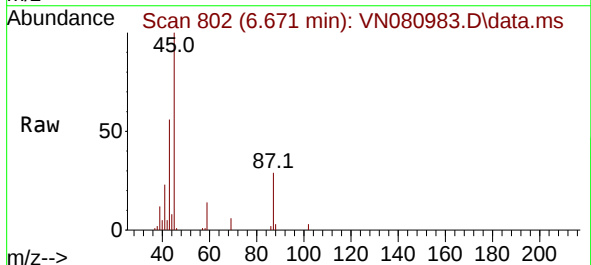
Manual Integrations
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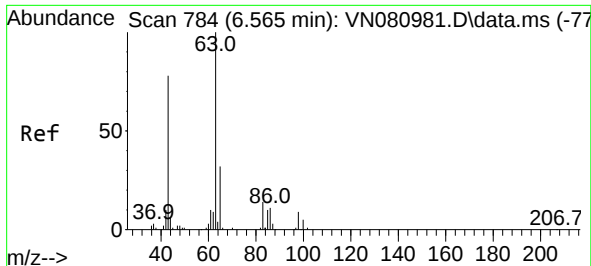
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#20
Diisopropyl ether
Concen: 4.825 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 45 Resp: 68412
Ion Ratio Lower Upper
45 100
43 54.2 40.4 60.6
87 28.6 23.8 35.8
59 14.0 9.8 14.6





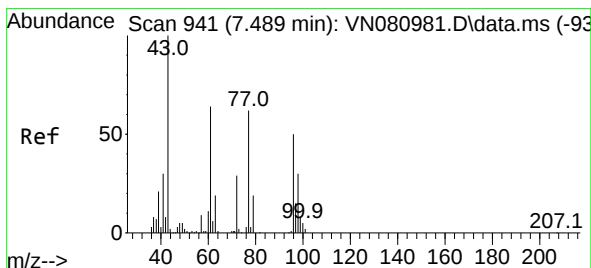
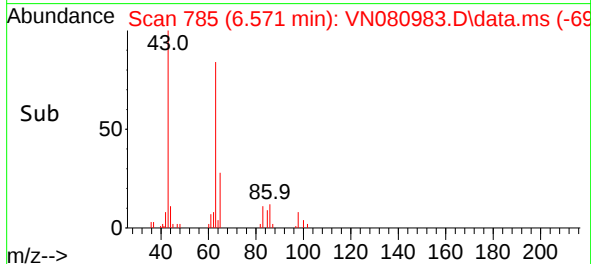
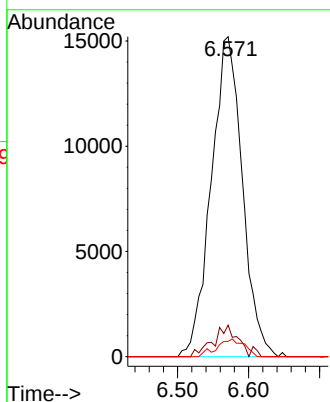
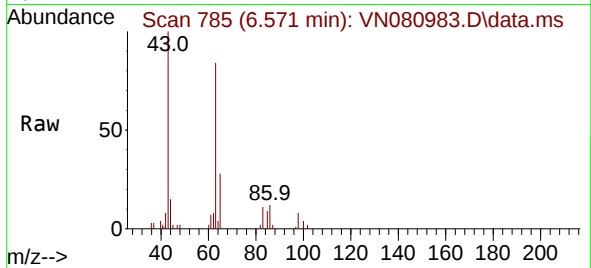
#21
1,1-Dichloroethane
Concen: 5.092 ug/l
RT: 6.571 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 46269
Ion Ratio Lower Upper
63 100
98 9.9 4.1 12.3
100 4.8 3.0 9.0

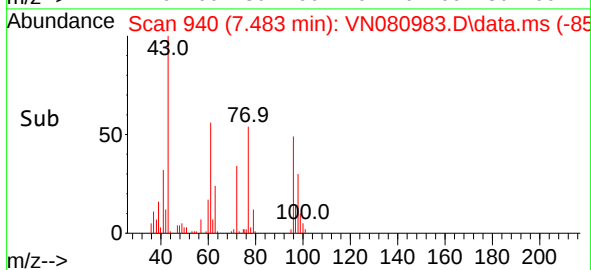
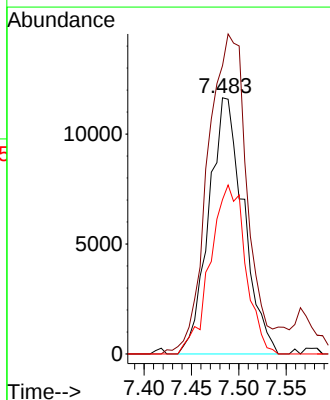
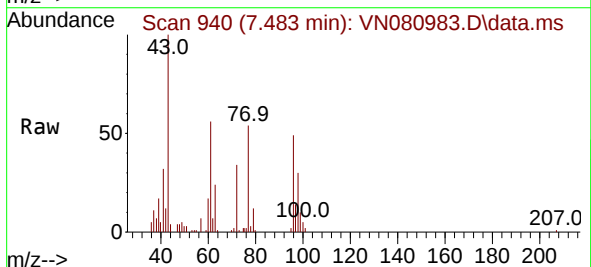
Manual Integrations
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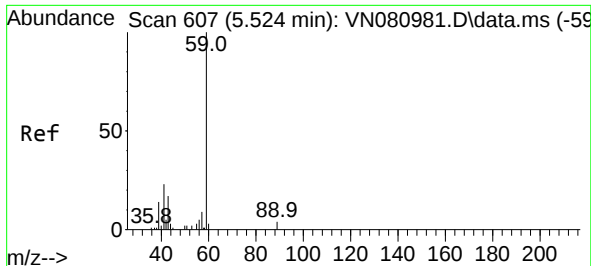
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#22
cis-1,2-Dichloroethene
Concen: 4.788 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 96 Resp: 29662
Ion Ratio Lower Upper
96 100
61 140.9 113.5 170.3
98 62.9 52.0 78.0





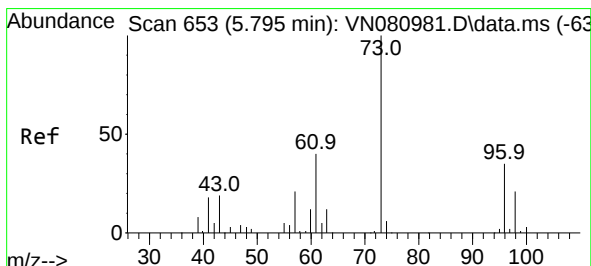
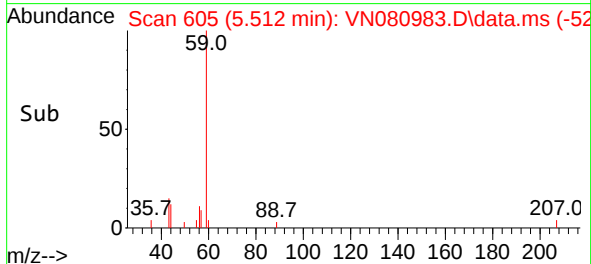
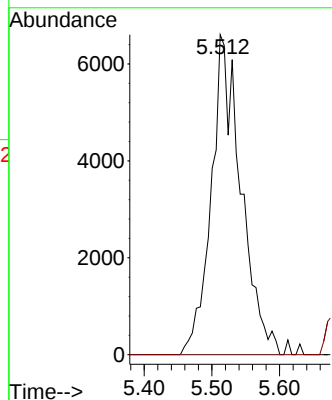
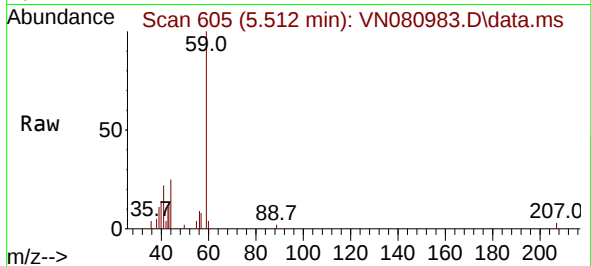
#23
tert-Butyl Alcohol
Concen: 26.149 ug/l m
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 2013
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

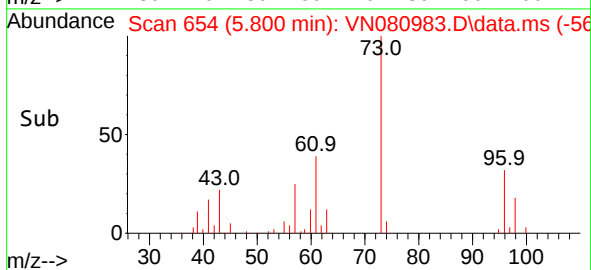
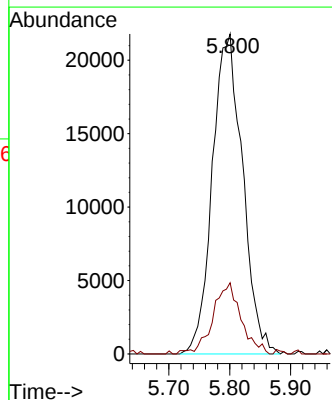
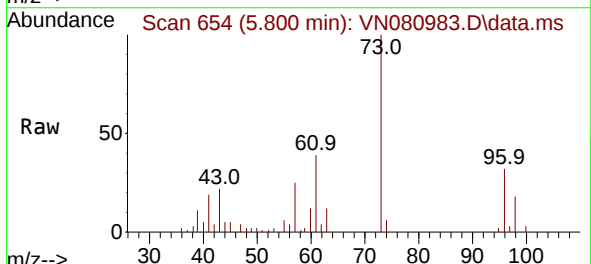
Manual Integrations
APPROVED

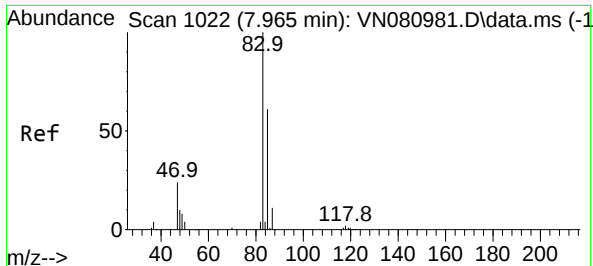
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#24
Methyl tert-Butyl Ether
Concen: 4.825 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 73 Resp: 75135
Ion Ratio Lower Upper
73 100
43 19.7 13.4 20.2





#25

Chloroform

Concen: 4.815 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 48534

Ion Ratio Lower Upper

83 100

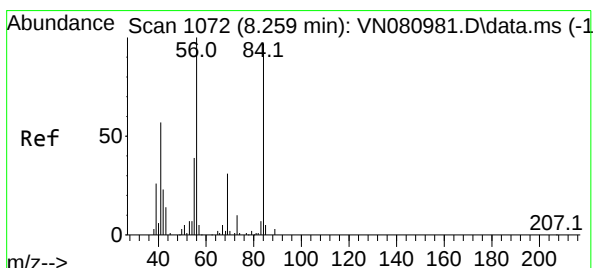
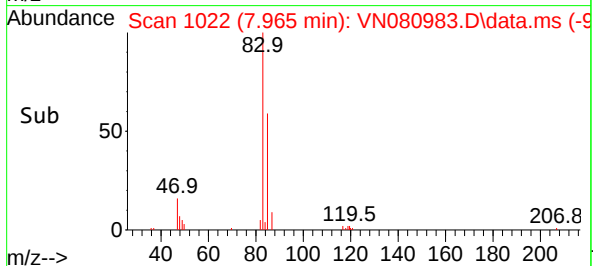
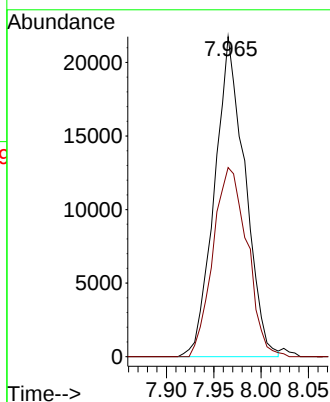
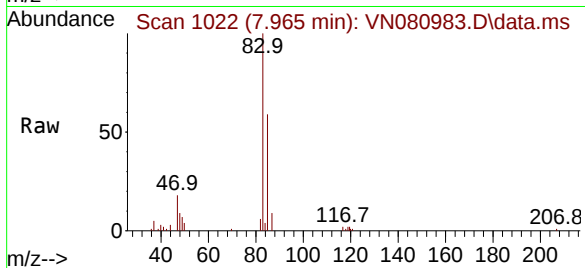
85 59.1 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#26

Cyclohexane

Concen: 5.024 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

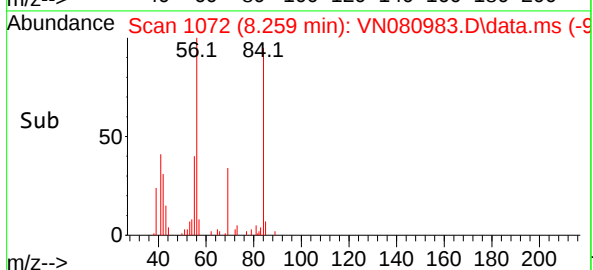
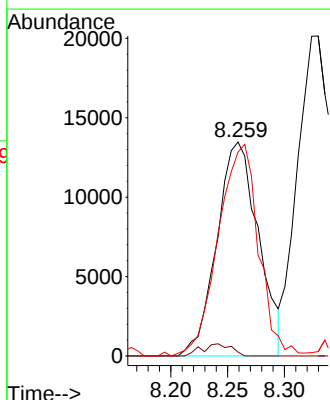
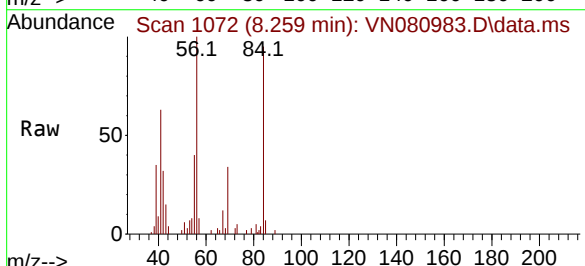
Tgt Ion: 56 Resp: 34374

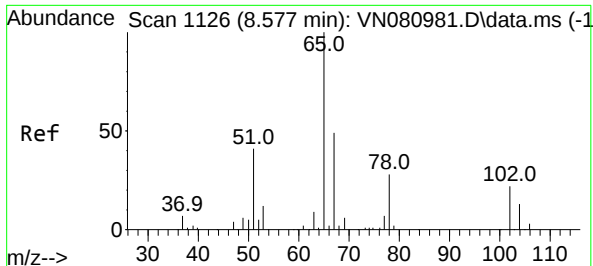
Ion Ratio Lower Upper

56 100

89 2.9 19.3 28.9#

84 95.7 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 31.738 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

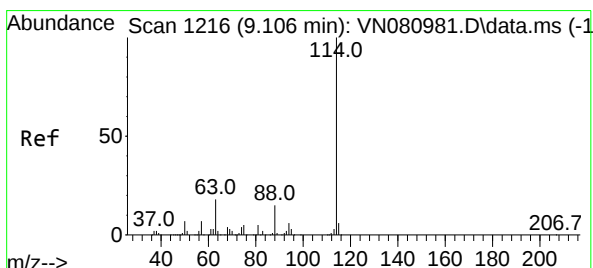
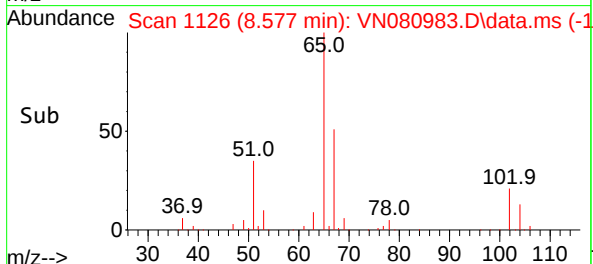
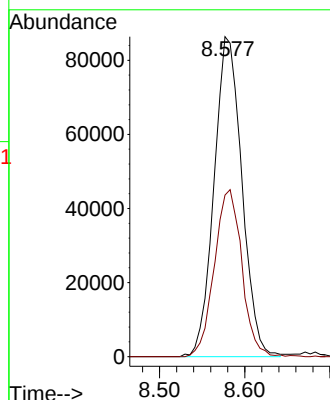
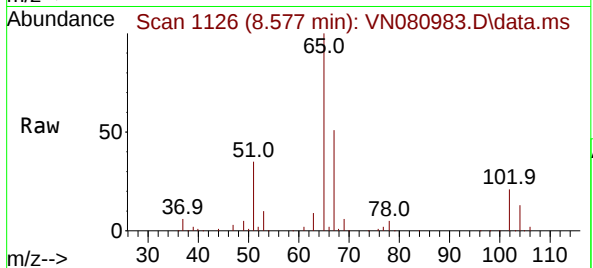
Tgt Ion: 65 Resp: 196280
Ion Ratio Lower Upper
65 100
67 51.4 43.2 64.8

Manual Integrations

APPROVED

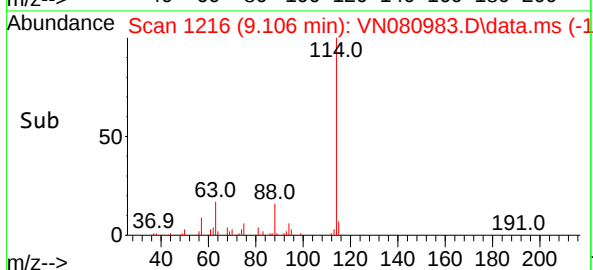
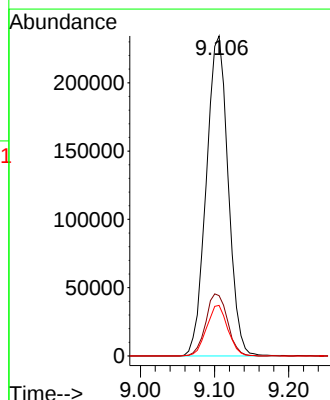
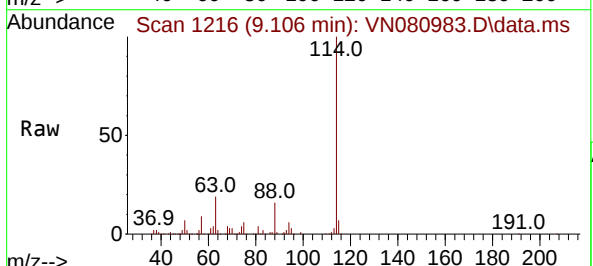
Reviewed By :John Carlone 02/12/2024

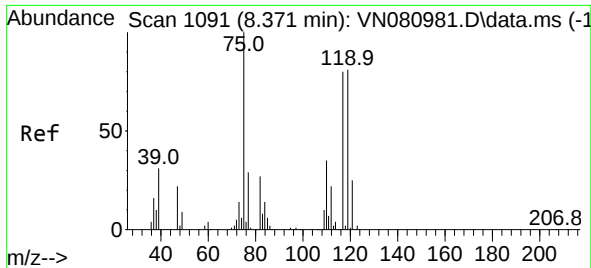
Supervised By :Mahesh Dadoda 02/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion:114 Resp: 480453
Ion Ratio Lower Upper
114 100
63 19.4 15.9 23.9
88 15.3 12.7 19.1





#29
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

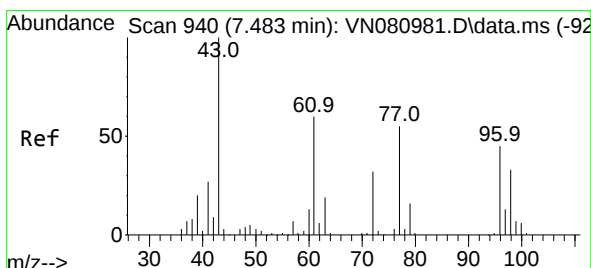
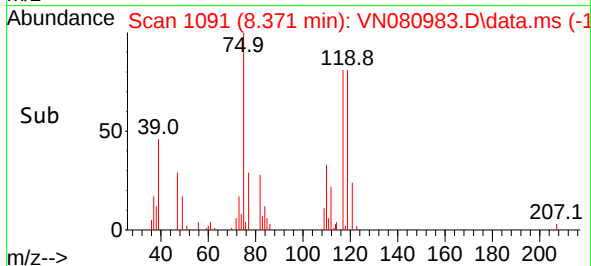
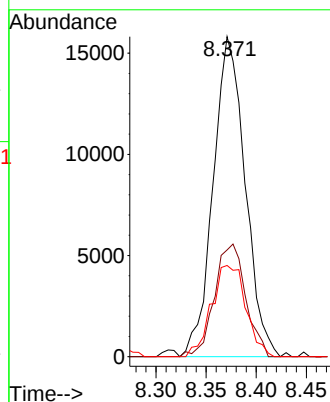
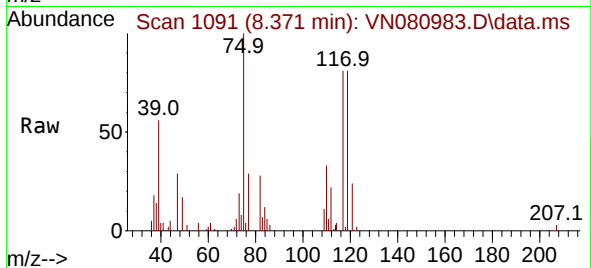
Tgt Ion: 75	Resp: 3510
Ion Ratio	Lower Upper
75 100	
110 34.4	0.0 70.2
77 20.5	0.0 61.4

Manual Integrations

APPROVED

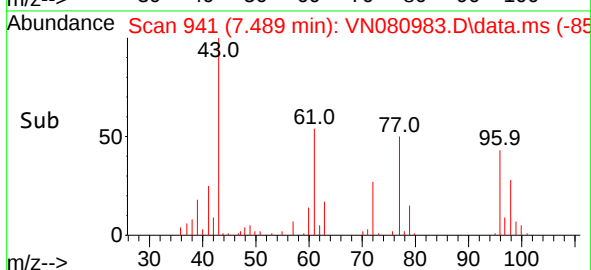
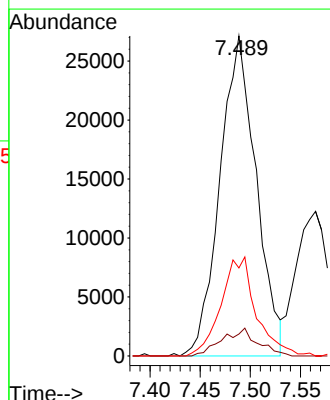
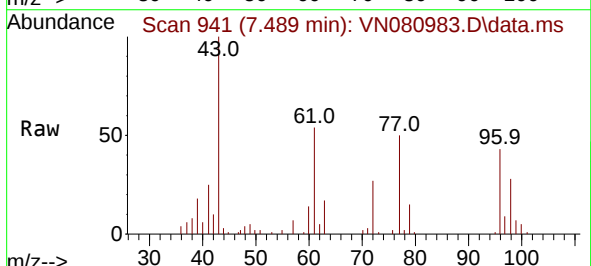
Reviewed By :John Carlone 02/12/2024

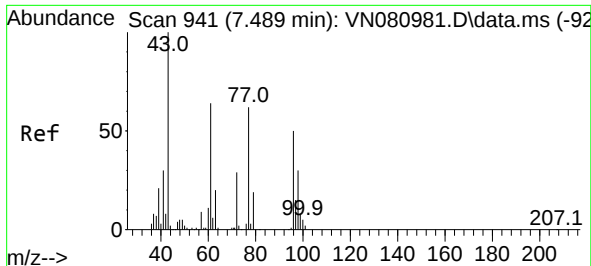
Supervised By :Mahesh Dadoda 02/12/2024



#30
2-Butanone
Concen: 25.941 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 43	Resp: 68114
Ion Ratio	Lower Upper
43 100	
57 4.9	6.7 10.1
72 29.9	24.0 36.0





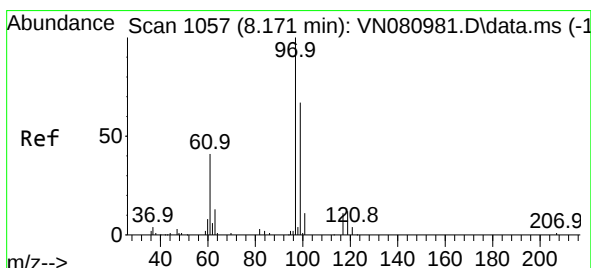
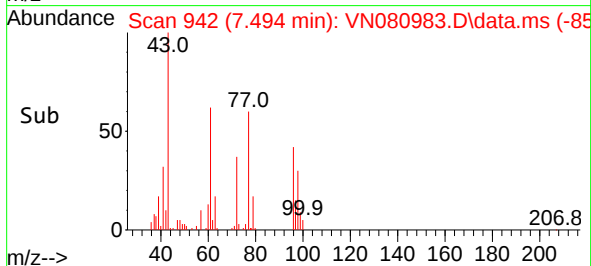
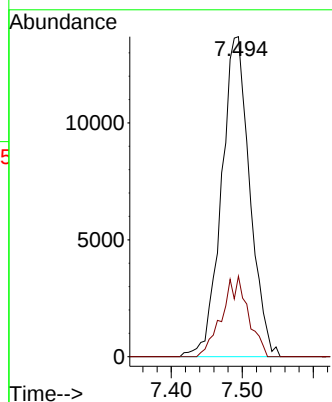
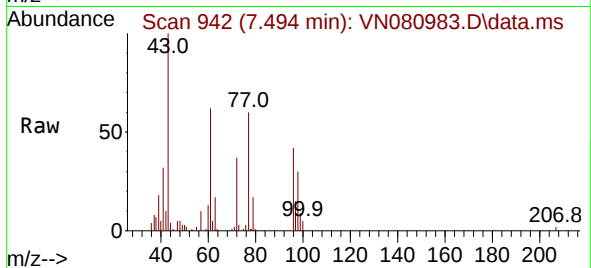
#31
2,2-Dichloropropane
Concen: 4.653 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 77 Resp: 37918
Ion Ratio Lower Upper
77 100
97 23.3 18.3 27.5

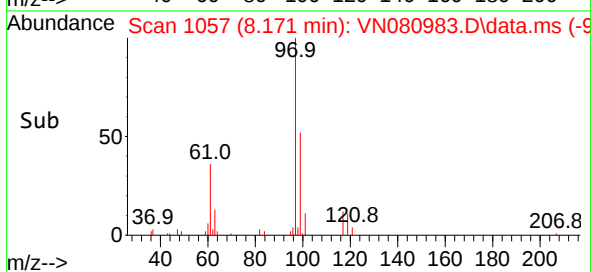
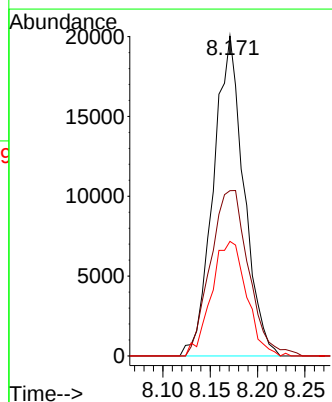
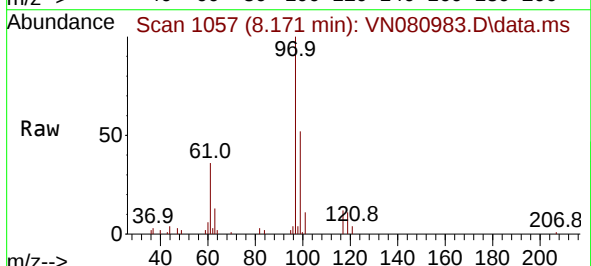
Manual Integrations
APPROVED

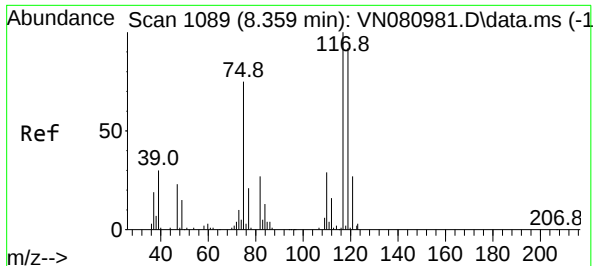
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#32
1,1,1-Trichloroethane
Concen: 4.993 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

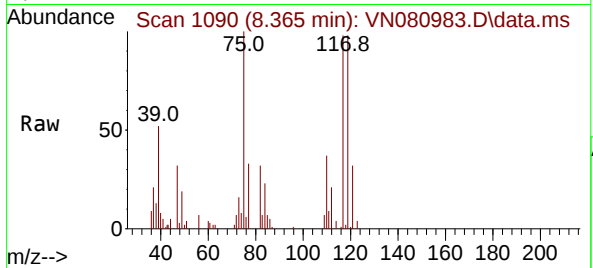
Tgt Ion: 97 Resp: 44952
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 41.1 33.8 50.8





#33
Carbon Tetrachloride
Concen: 4.621 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

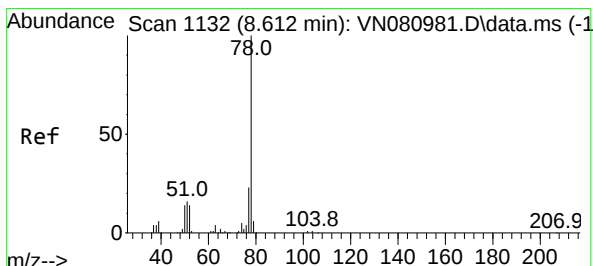
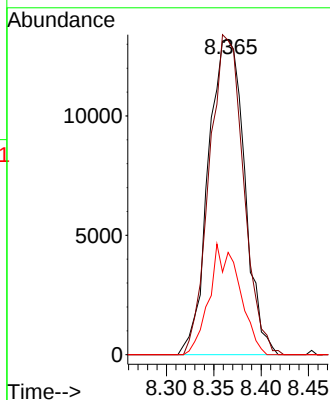
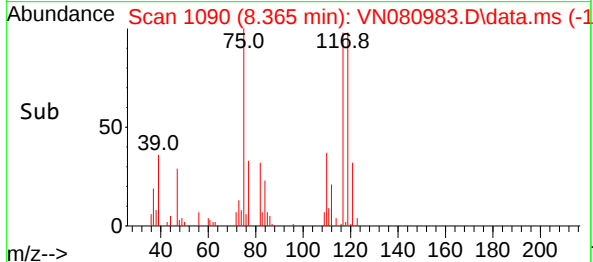
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 3505
Ion Ratio Lower Upper
117 100
119 99.7 77.7 116.5
121 32.4 27.0 40.6

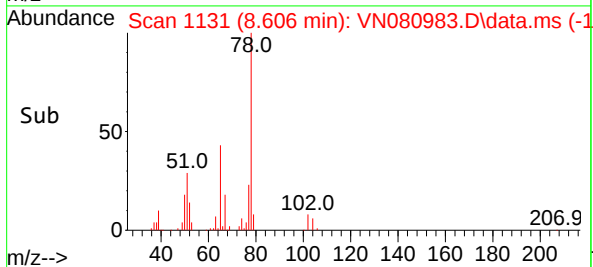
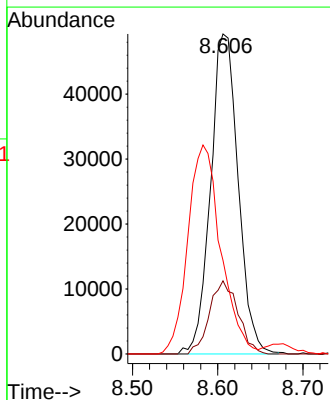
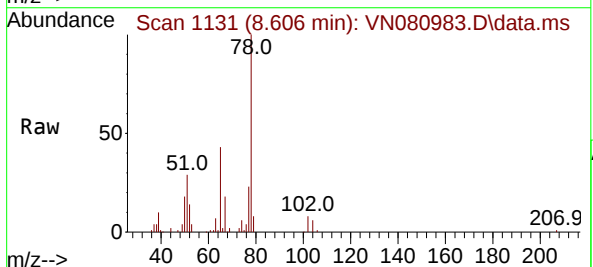
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#34
Benzene
Concen: 5.065 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 78 Resp: 110778
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8
51 26.2 13.3 19.9#





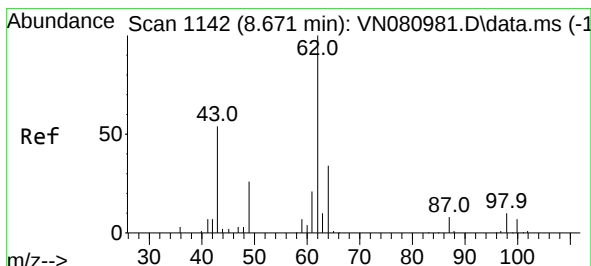
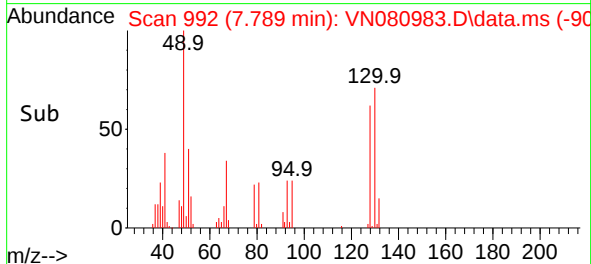
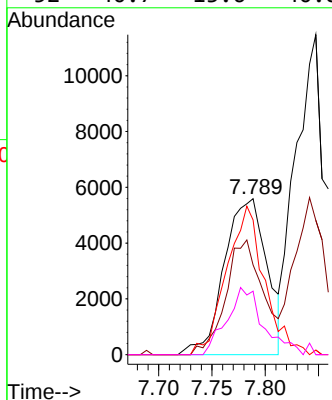
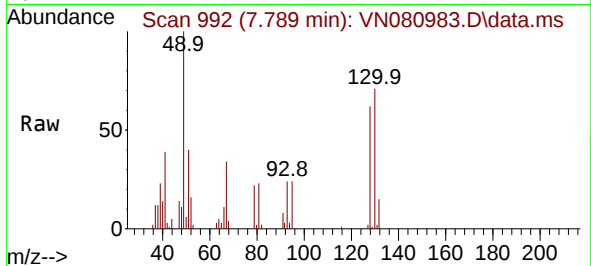
#35
Methacrylonitrile
Concen: 5.037 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.012 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 15540
Ion Ratio Lower Upper
41 100
39 57.5 25.3 75.9
67 86.4 38.7 116.1
52 40.7 13.6 40.8

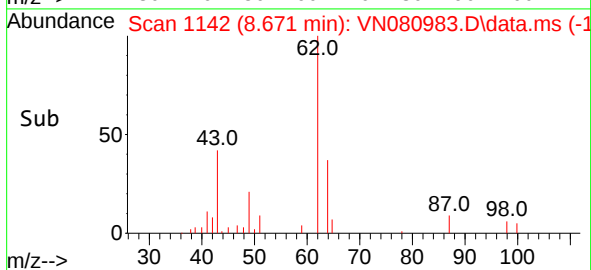
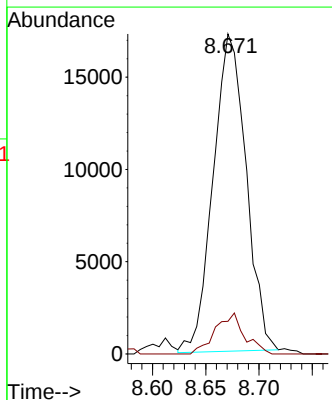
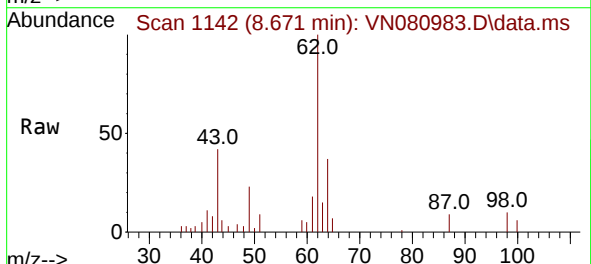
Manual Integrations
APPROVED

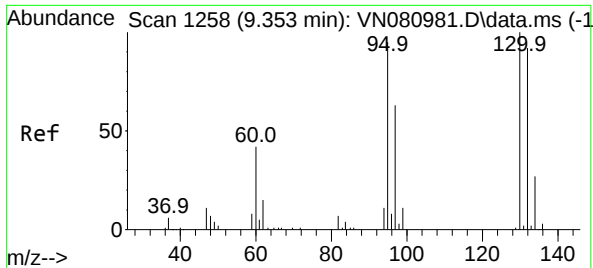
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#36
1,2-Dichloroethane
Concen: 5.042 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 62 Resp: 37003
Ion Ratio Lower Upper
62 100
98 11.4 8.2 12.4





#37
Trichloroethene
Concen: 4.979 ug/l
RT: 9.353 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

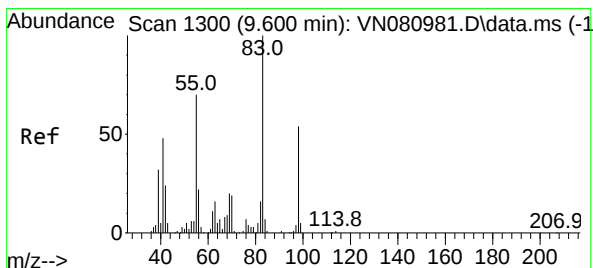
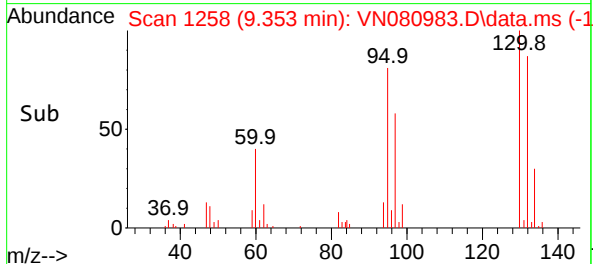
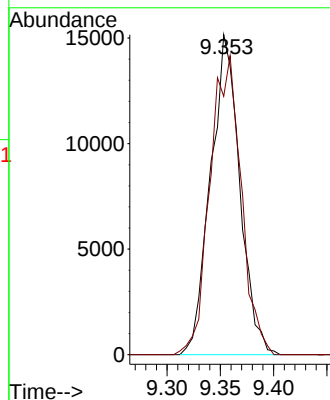
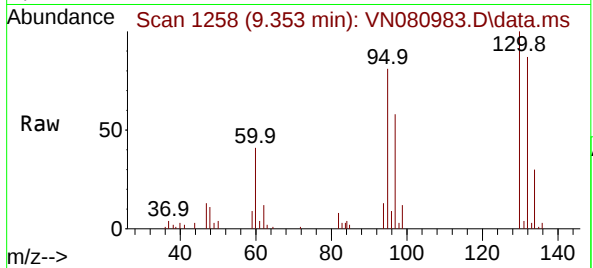
VSTDICC005

Tgt Ion:130 Resp: 2895
Ion Ratio Lower Upper
130 100
95 80.8 80.2 120.4

Manual Integrations

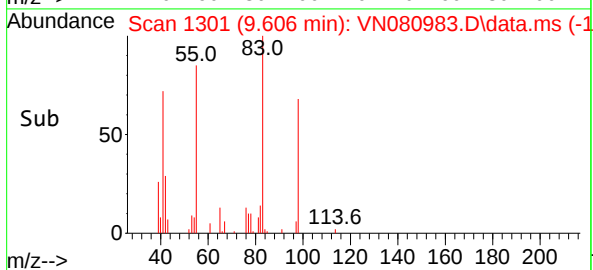
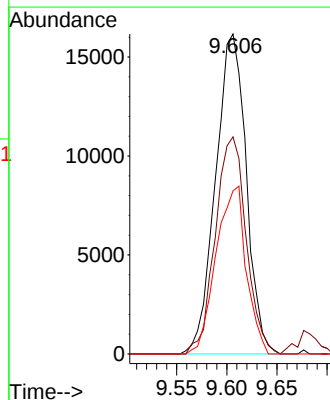
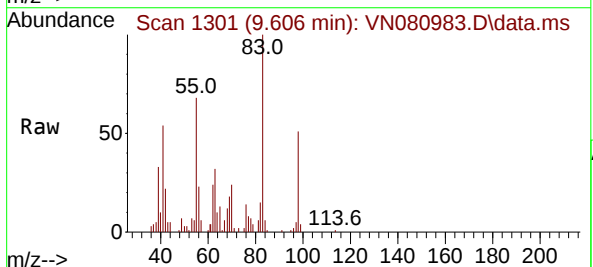
APPROVED

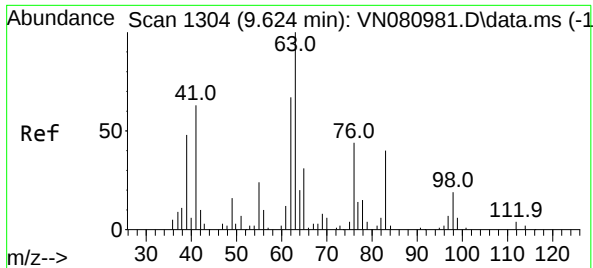
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#38
Methylcyclohexane
Concen: 4.814 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 83 Resp: 34381
Ion Ratio Lower Upper
83 100
55 68.4 36.6 109.9
98 51.5 23.8 71.5





#39

1,2-Dichloropropane

Concen: 4.908 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 2546

Ion Ratio Lower Upper

63 100

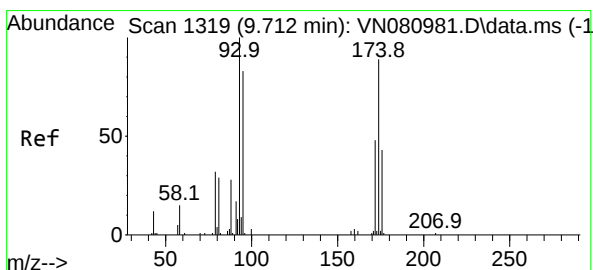
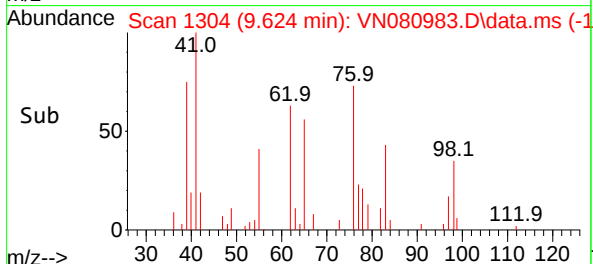
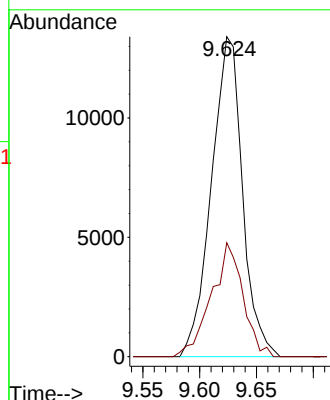
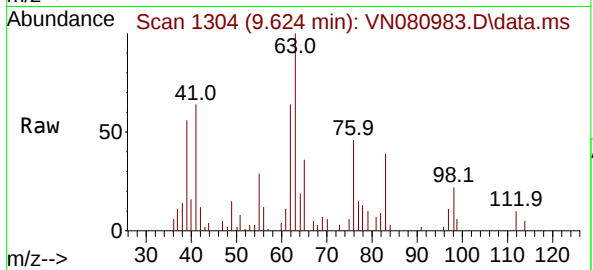
65 35.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#40

Dibromomethane

Concen: 4.843 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

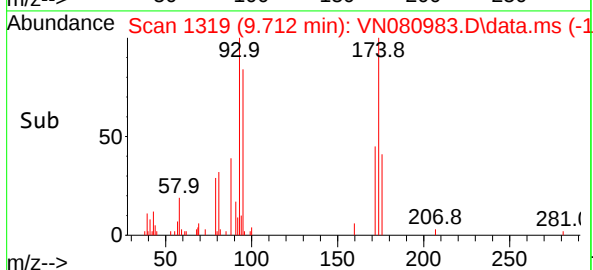
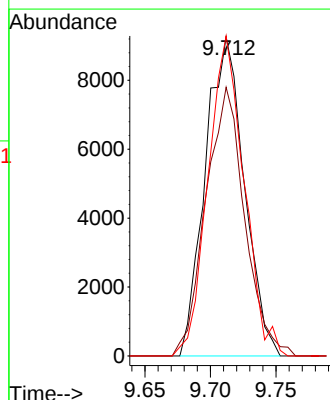
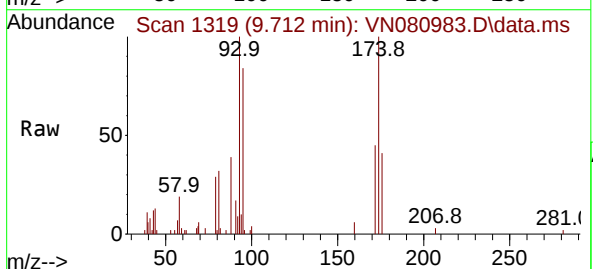
Tgt Ion: 93 Resp: 19112

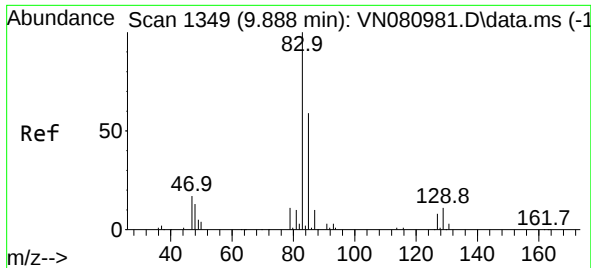
Ion Ratio Lower Upper

93 100

95 84.1 0.0 164.6

174 92.9 0.0 193.2





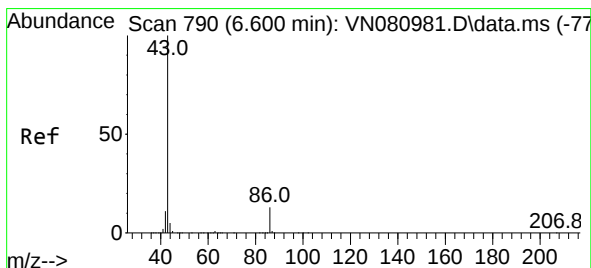
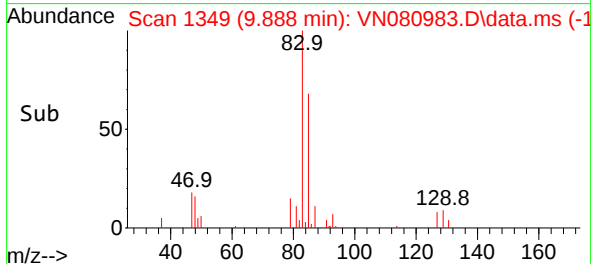
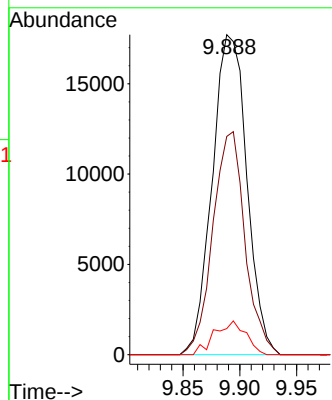
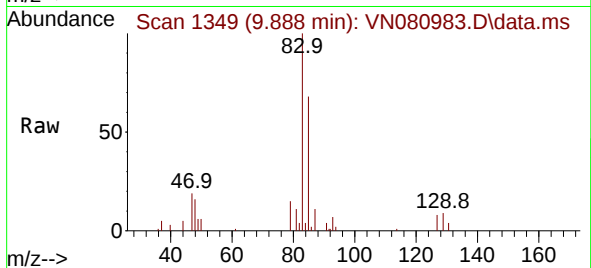
#41
Bromodichloromethane
Concen: 4.860 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 37530
Ion Ratio Lower Upper
83 100
85 68.2 49.4 74.2
127 8.1 7.3 10.9

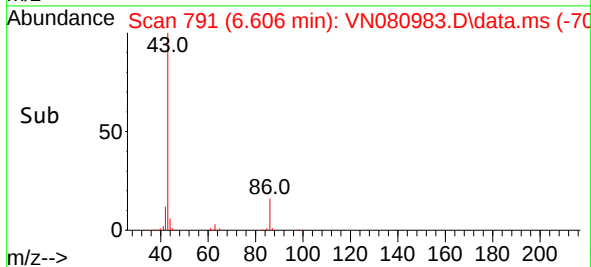
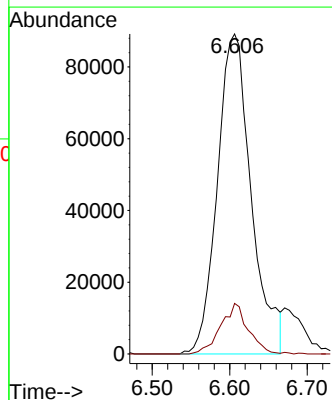
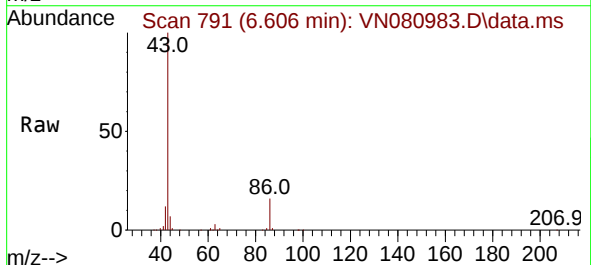
Manual Integrations
APPROVED

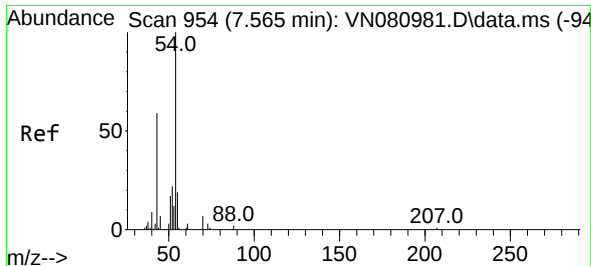
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#42
Vinyl Acetate
Concen: 24.079 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

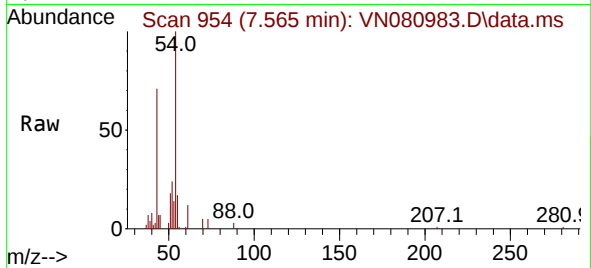
Tgt Ion: 43 Resp: 271658
Ion Ratio Lower Upper
43 100
86 12.8 9.4 14.2





#43
Ethyl Acetate
Concen: 4.622 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

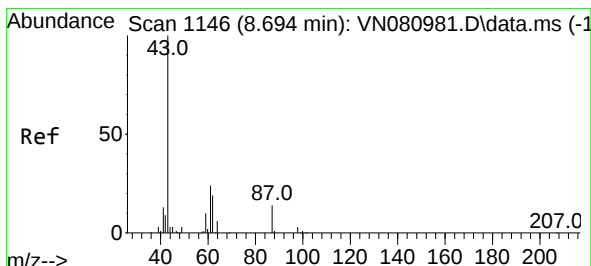
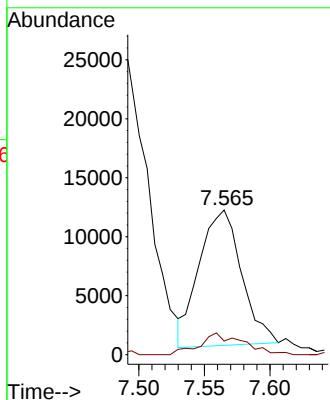
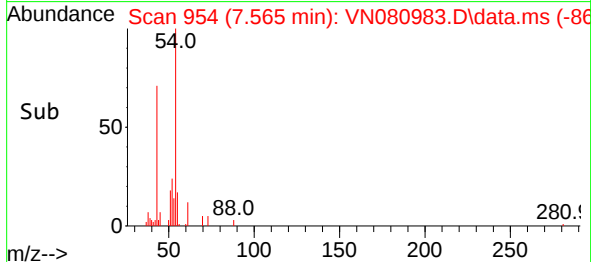
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



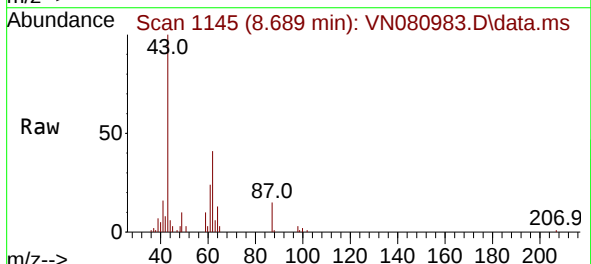
Tgt Ion: 43 Resp: 25850
Ion Ratio Lower Upper
43 100
45 4.5 10.6 15.8

Manual Integrations
APPROVED

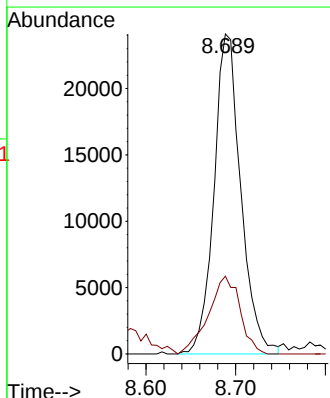
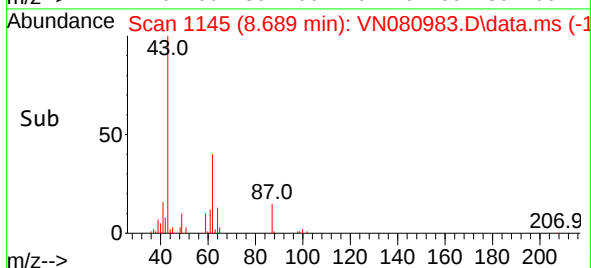
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

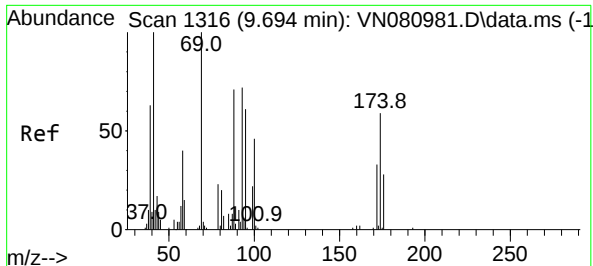


#44
Isopropyl Acetate
Concen: 5.098 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35



Tgt Ion: 43 Resp: 50098
Ion Ratio Lower Upper
43 100
61 28.6 25.0 37.4





#45

1,4-Dioxane

Concen: 105.010 ug/l m

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 973

Ion Ratio Lower Upper

88 100

43 35.2 19.8 29.6

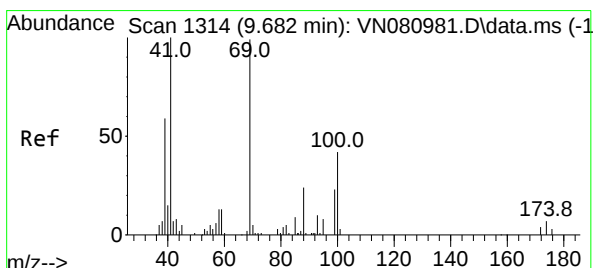
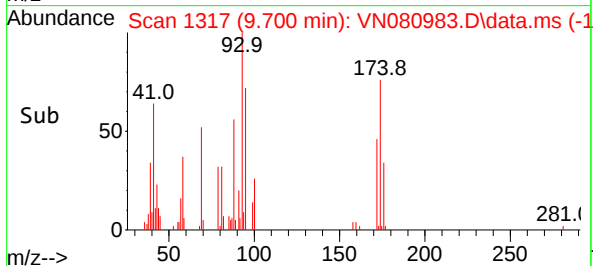
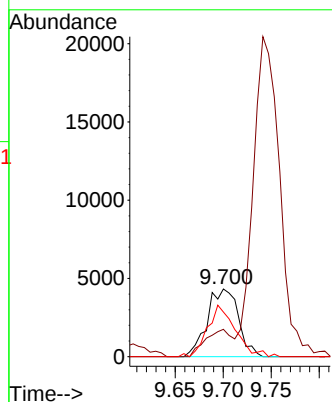
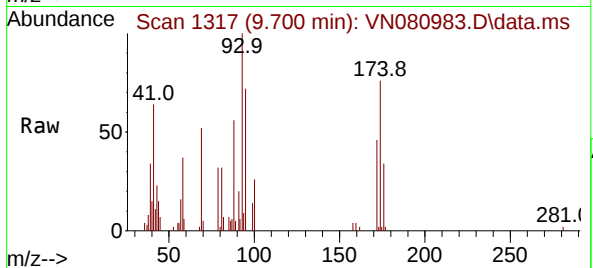
58 64.5 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#46

Methyl methacrylate

Concen: 5.176 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

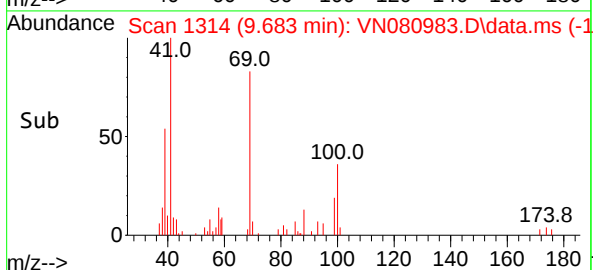
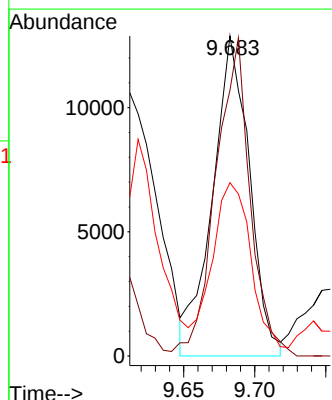
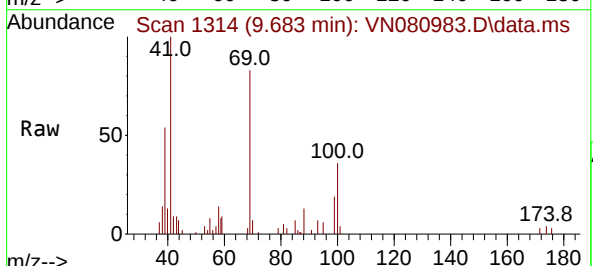
Tgt Ion: 41 Resp: 23272

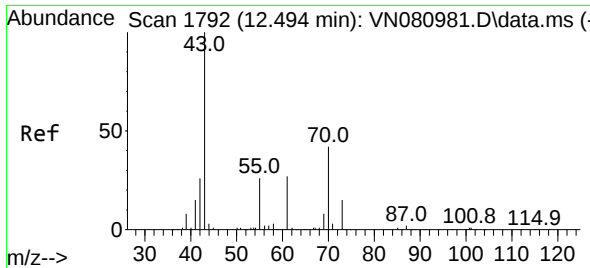
Ion Ratio Lower Upper

41 100

69 82.4 51.1 153.3

39 53.5 25.8 77.3





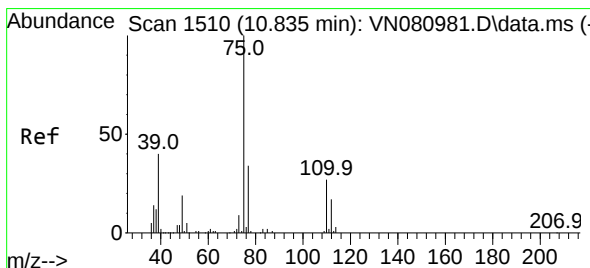
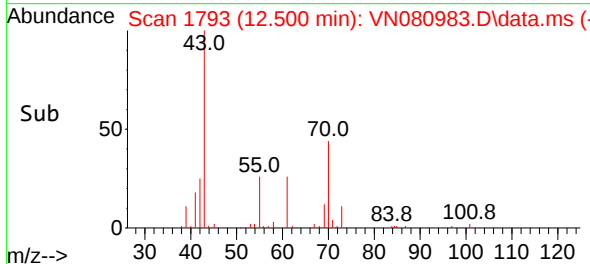
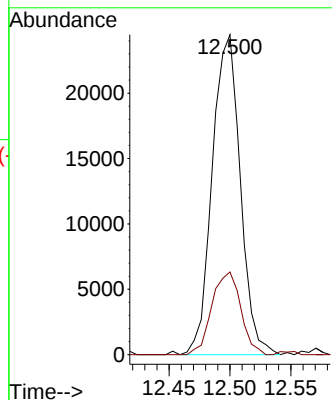
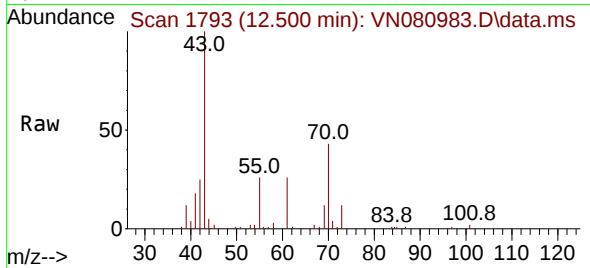
#47
n-amy1 Acetate
Concen: 4.574 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 39200
Ion Ratio Lower Upper
43 100
55 26.6 23.4 35.2

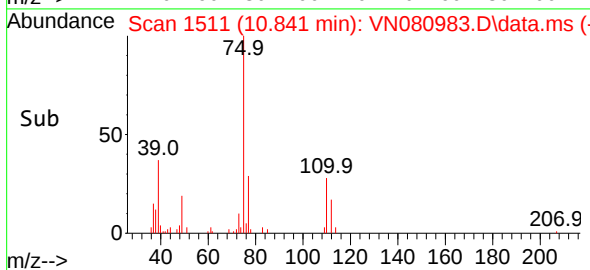
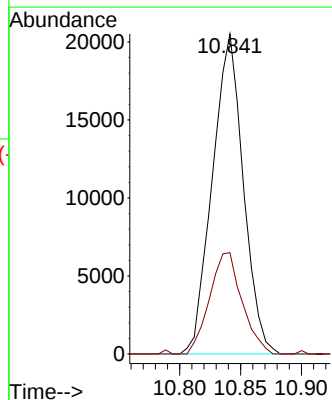
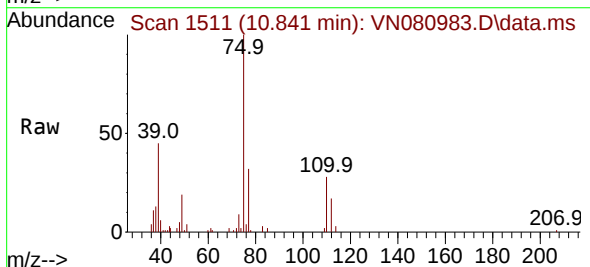
Manual Integrations
APPROVED

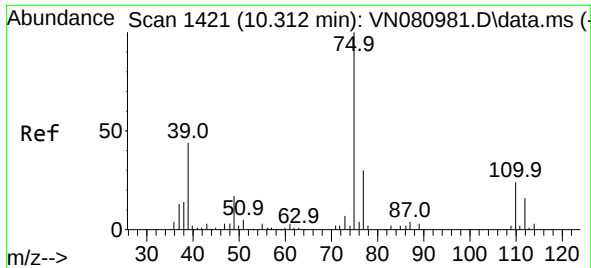
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#48
t-1,3-Dichloropropene
Concen: 4.477 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 75 Resp: 36242
Ion Ratio Lower Upper
75 100
77 31.7 23.8 35.6





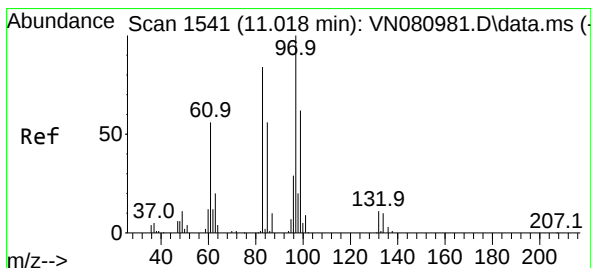
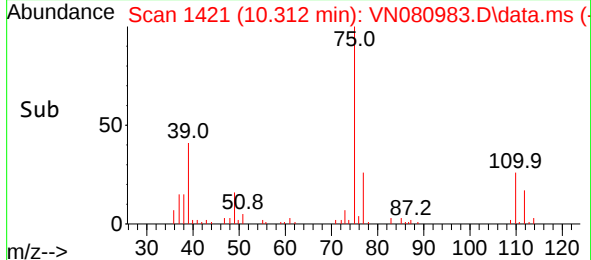
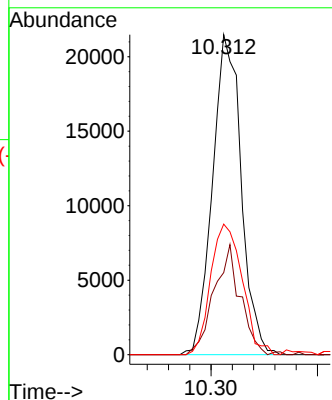
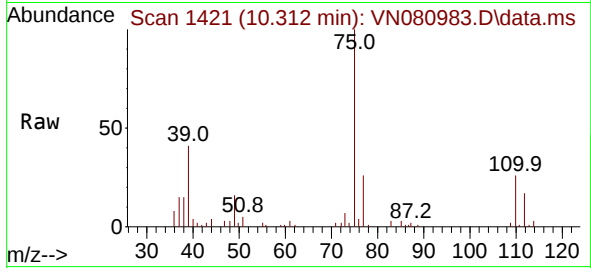
#49
 cis-1,3-Dichloropropene
 Concen: 4.577 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080983.D
 Acq: 09 Feb 2024 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 40140
 Ion Ratio Lower Upper
 75 100
 77 25.6 24.9 37.3
 39 40.8 31.0 46.6

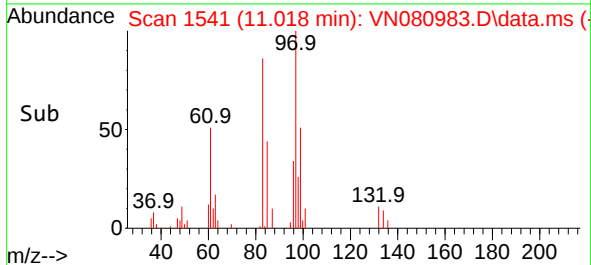
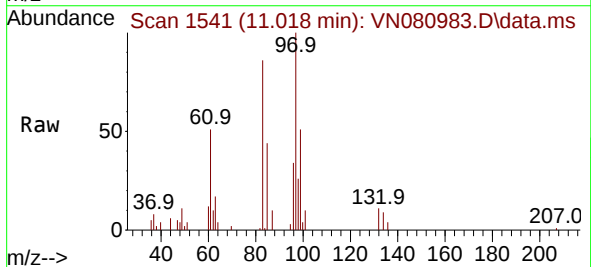
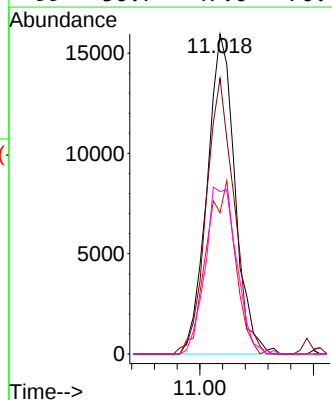
Manual Integrations
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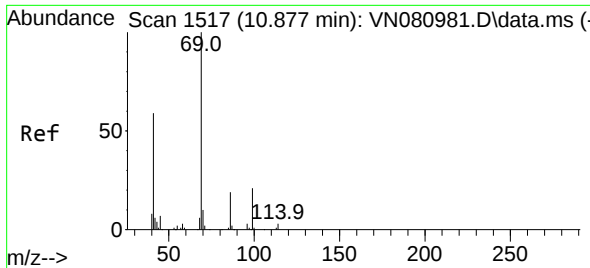
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#50
 1,1,2-Trichloroethane
 Concen: 4.991 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN080983.D
 Acq: 09 Feb 2024 11:35

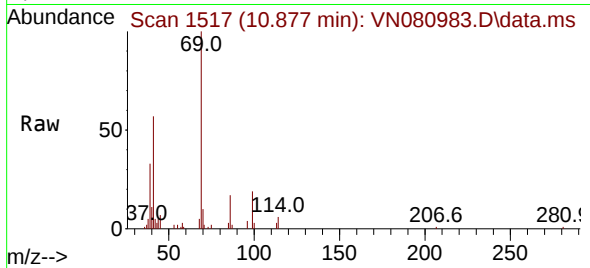
Tgt Ion: 97 Resp: 27256
 Ion Ratio Lower Upper
 97 100
 83 86.1 68.1 102.1
 85 44.1 41.8 62.6
 99 50.7 47.0 70.4





#51
Ethyl methacrylate
Concen: 4.695 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

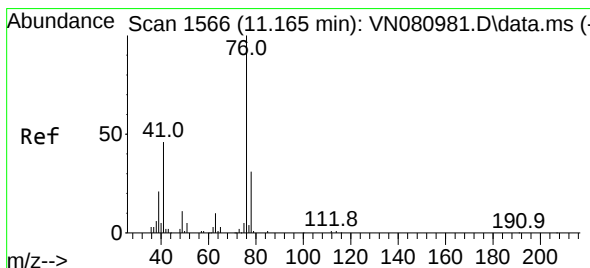
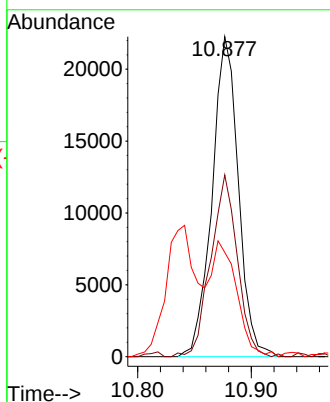
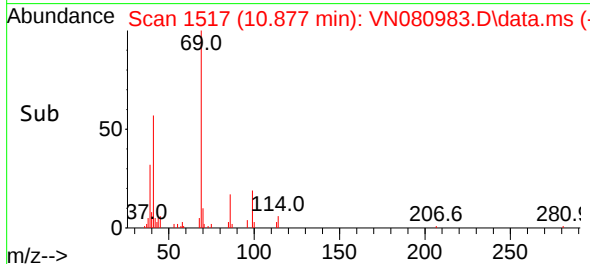
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



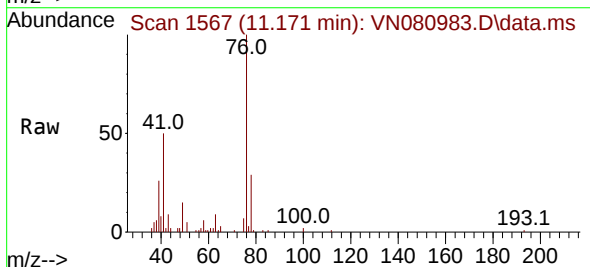
Tgt Ion: 69 Resp: 35832
Ion Ratio Lower Upper
69 100
41 55.9 25.5 76.5
39 32.6 16.0 47.9

Manual Integrations
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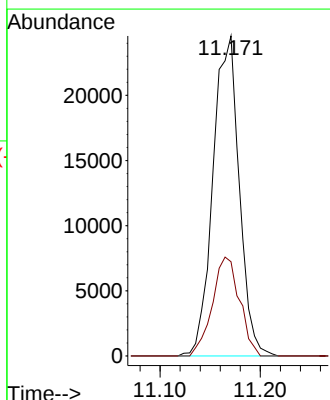
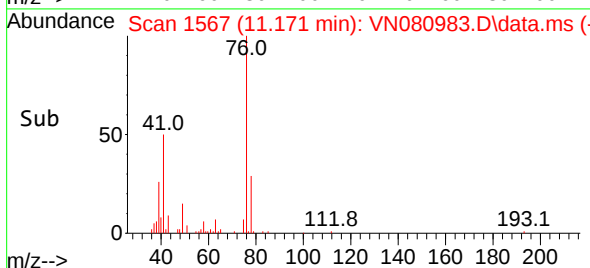
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

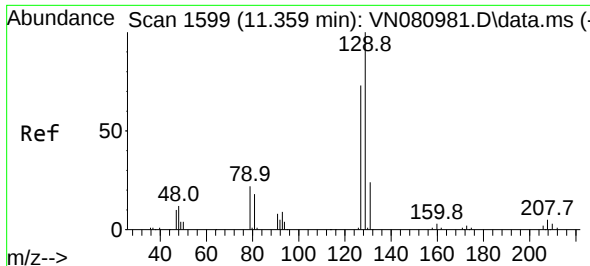


#52
1,3-Dichloropropane
Concen: 4.953 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35



Tgt Ion: 76 Resp: 44667
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.8





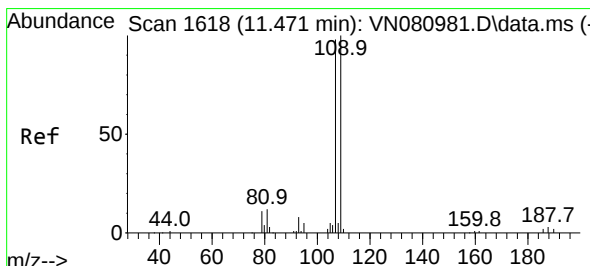
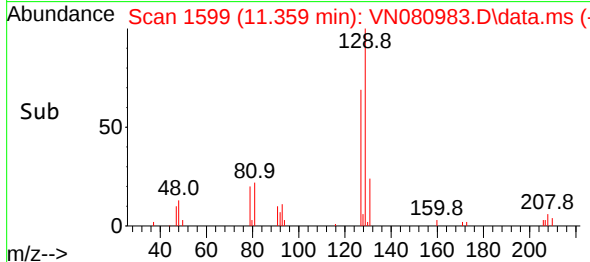
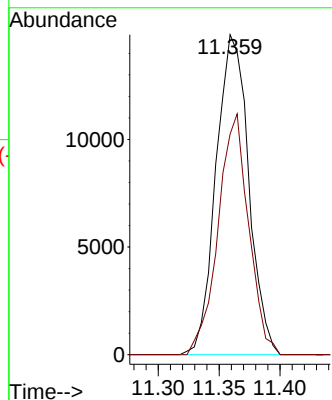
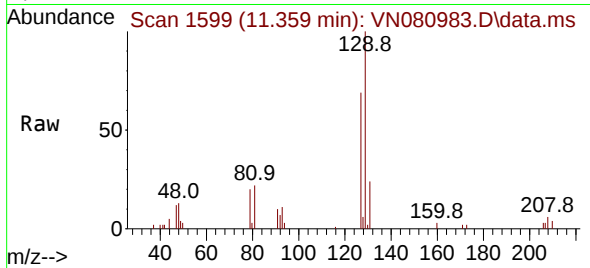
#53
Dibromochloromethane
Concen: 4.657 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 27719
Ion Ratio Lower Upper
129 100
127 70.5 39.4 118.1

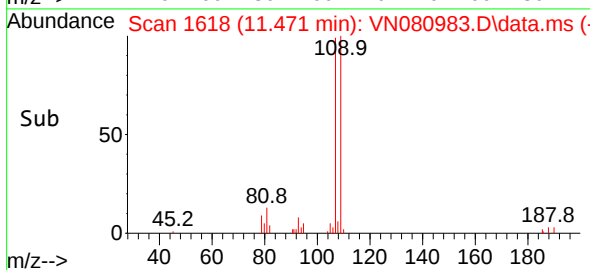
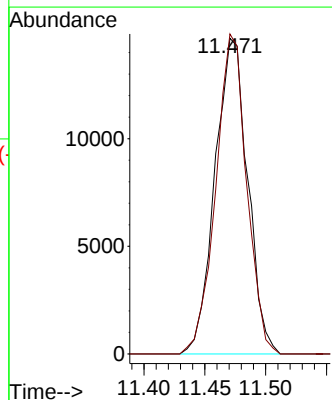
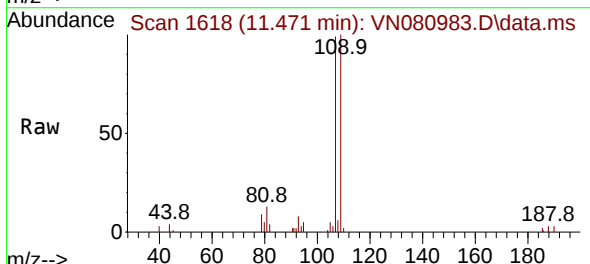
Manual Integrations
APPROVED

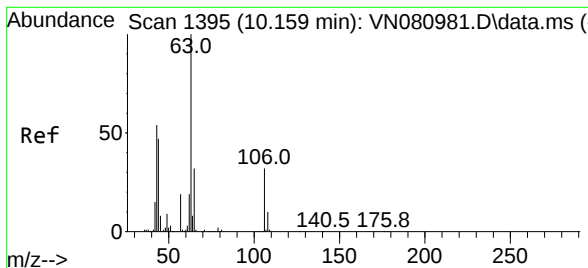
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#54
1,2-Dibromoethane
Concen: 4.853 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

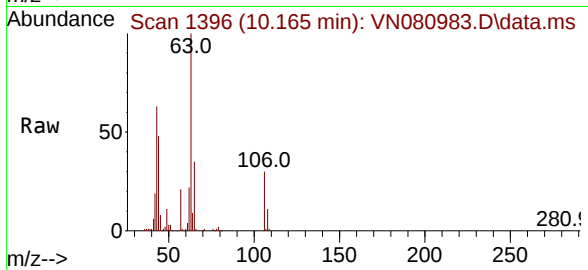
Tgt Ion:107 Resp: 27417
Ion Ratio Lower Upper
107 100
109 95.6 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 23.111 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

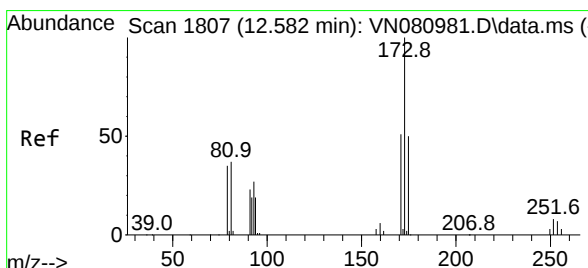
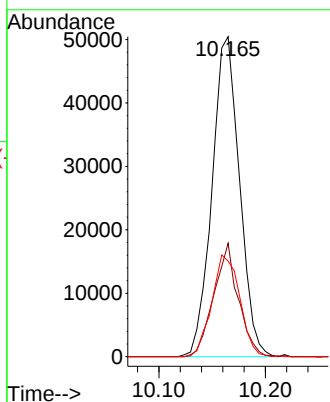
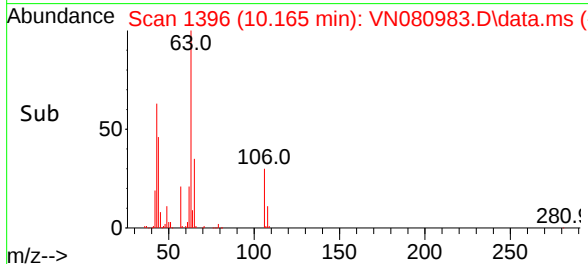
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 63 Resp: 9039
Ion Ratio Lower Upper
63 100
65 31.6 26.2 39.2
106 32.3 23.8 35.8

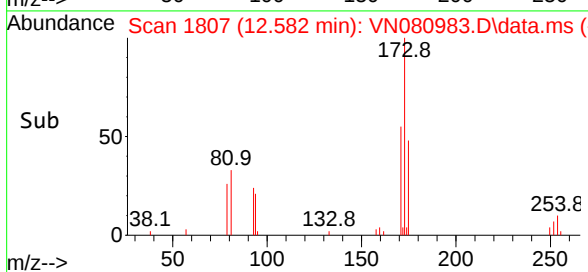
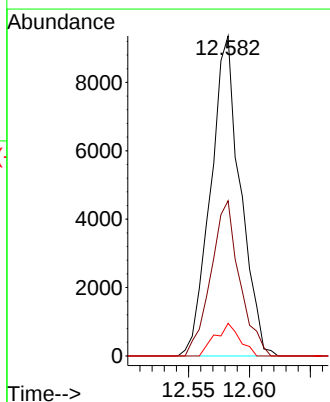
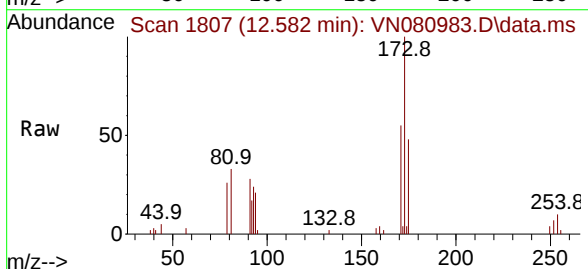
Manual Integrations
APPROVED

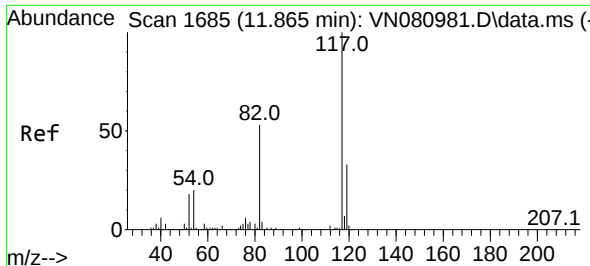
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#56
Bromoform
Concen: 4.192 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

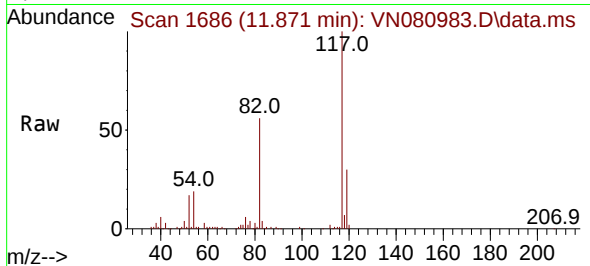
Tgt Ion:173 Resp: 15892
Ion Ratio Lower Upper
173 100
175 46.8 40.0 60.0
254 8.4 8.3 12.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

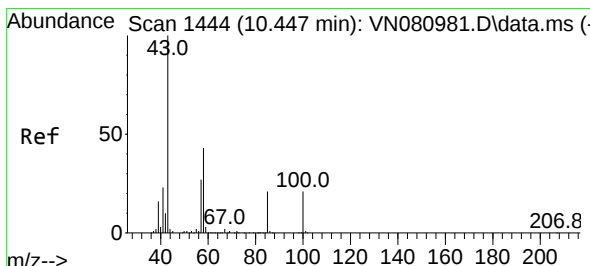
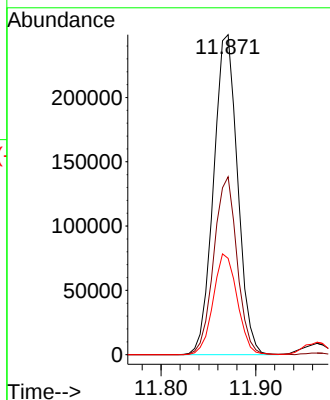
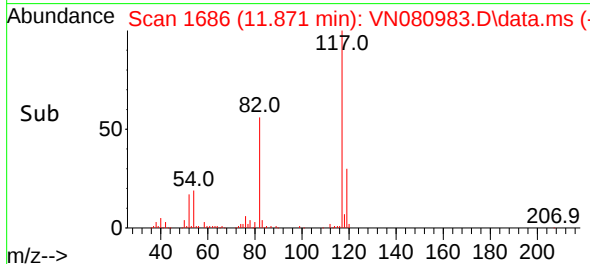
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 43917
Ion Ratio Lower Upper
117 100
82 54.0 46.6 69.8
119 31.5 25.4 38.2

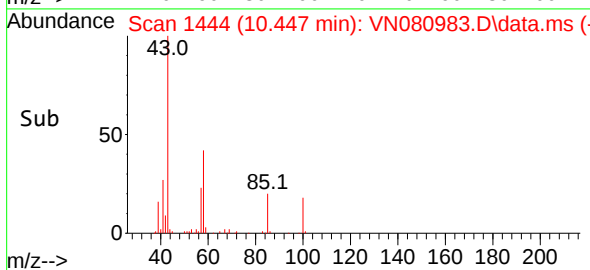
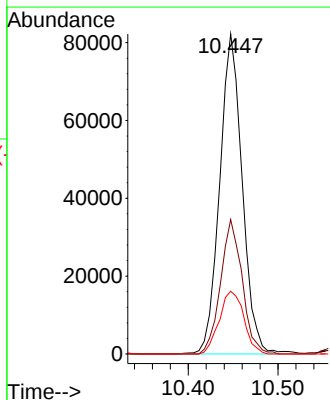
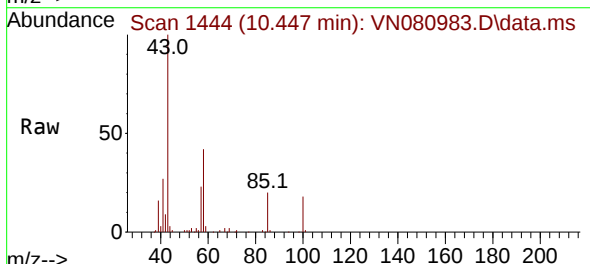
Manual Integrations
APPROVED

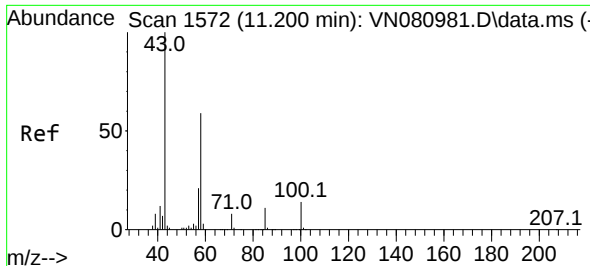
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#58
4-Methyl-2-Pentanone
Concen: 25.096 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

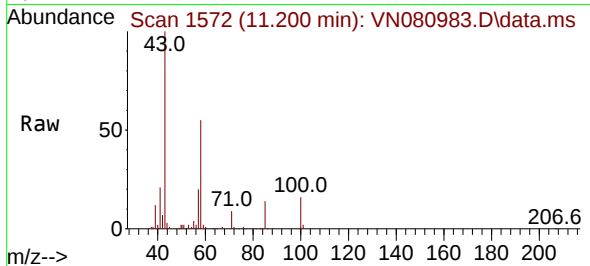
Tgt Ion: 43 Resp: 143090
Ion Ratio Lower Upper
43 100
58 40.4 36.5 54.7
85 21.4 19.5 29.3





#59
2-Hexanone
Concen: 23.597 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

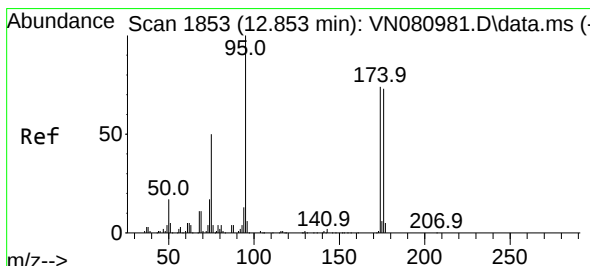
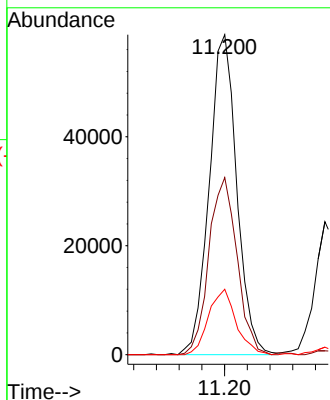
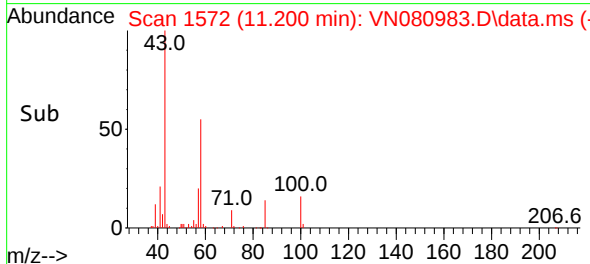
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 98954
Ion Ratio Lower Upper
43 100
58 56.5 50.4 75.6
57 20.5 18.6 27.8

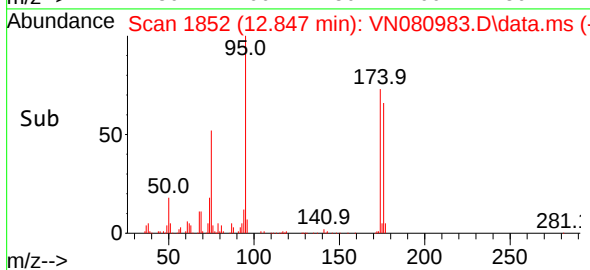
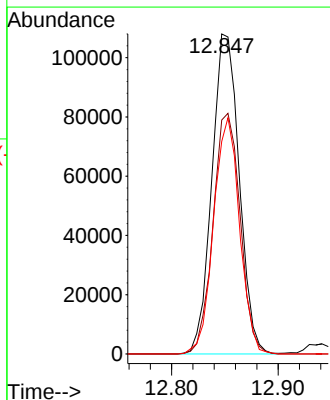
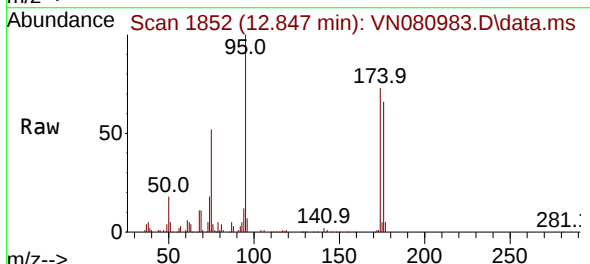
Manual Integrations
APPROVED

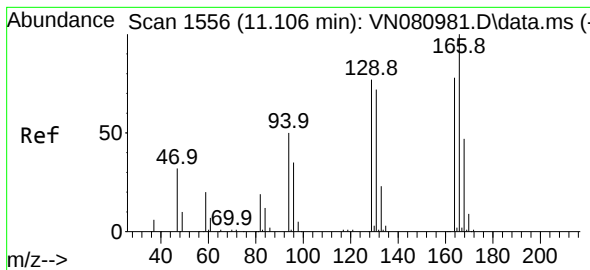
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#60
4-Bromofluorobenzene
Concen: 28.678 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

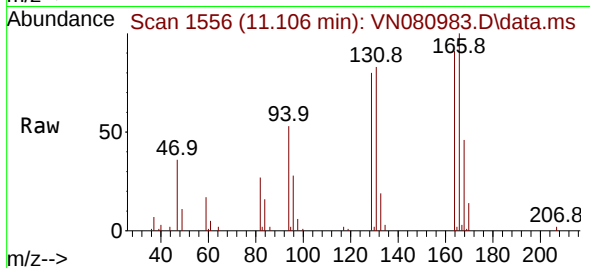
Tgt Ion: 95 Resp: 192545
Ion Ratio Lower Upper
95 100
174 74.5 60.5 90.7
176 70.2 57.8 86.6





#61
Tetrachloroethene
Concen: 5.111 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

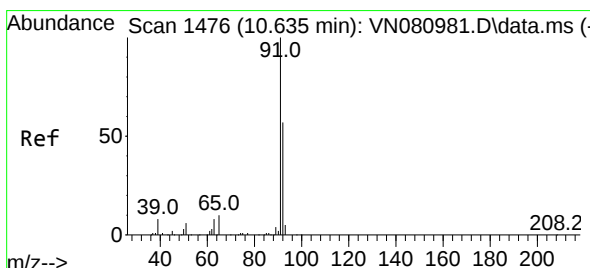
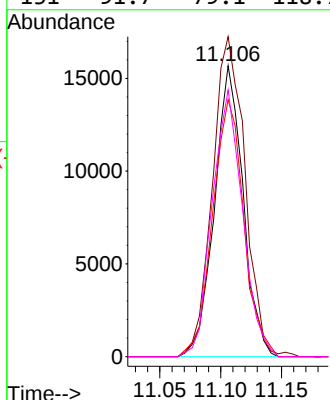
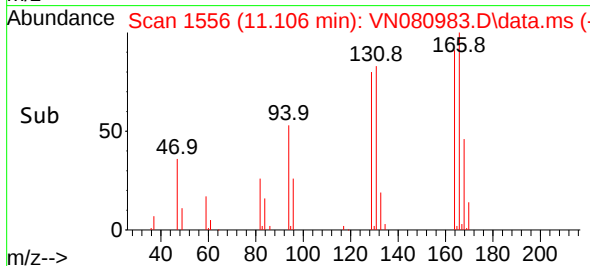
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



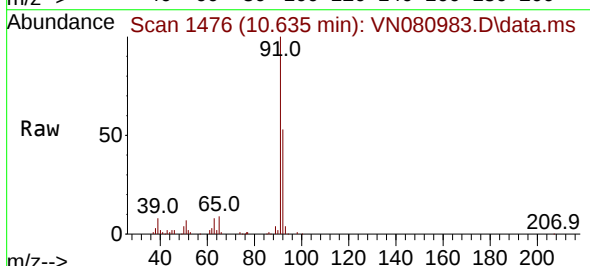
Tgt Ion:164 Resp: 25640
Ion Ratio Lower Upper
164 100
166 110.0 106.7 160.1
129 88.3 85.8 128.6
131 91.7 79.1 118.7

Manual Integrations
APPROVED

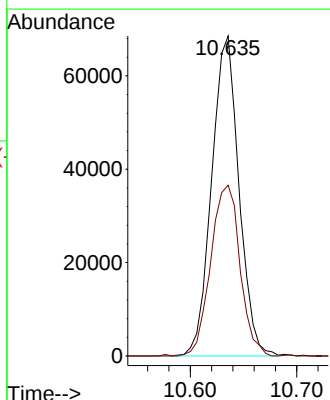
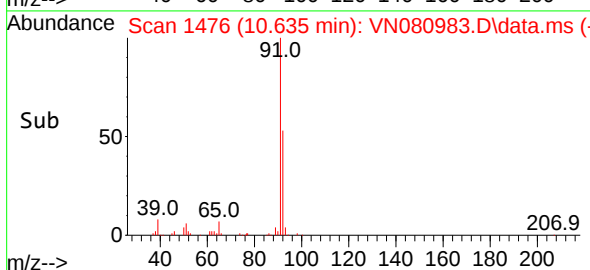
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

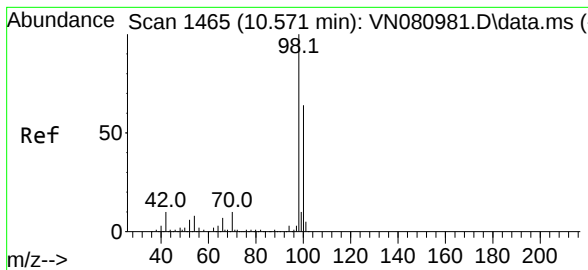


#62
Toluene
Concen: 5.061 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35



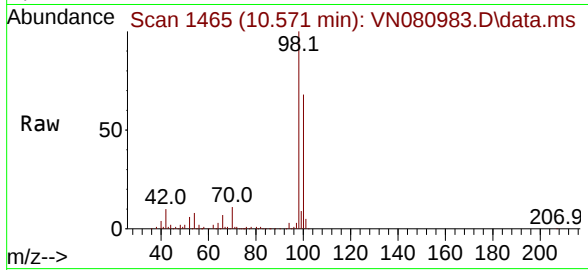
Tgt Ion: 91 Resp: 121750
Ion Ratio Lower Upper
91 100
92 57.2 46.5 69.7





#63
Toluene-d8
Concen: 30.421 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

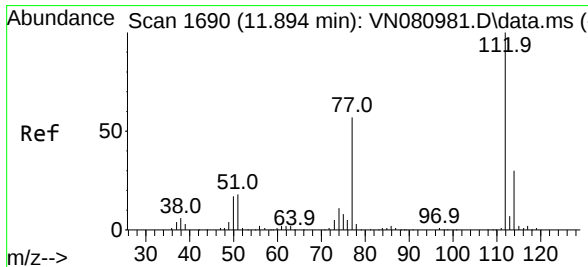
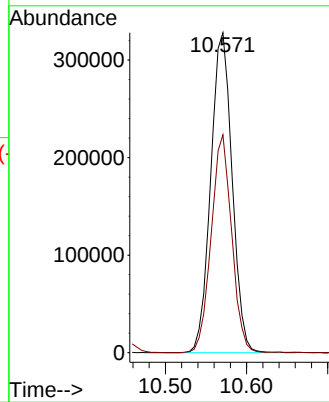
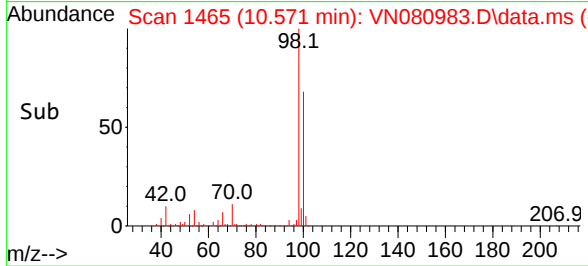
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 98 Resp: 599560
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

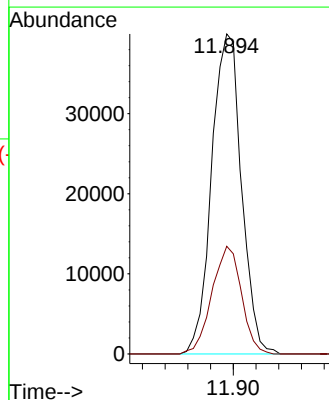
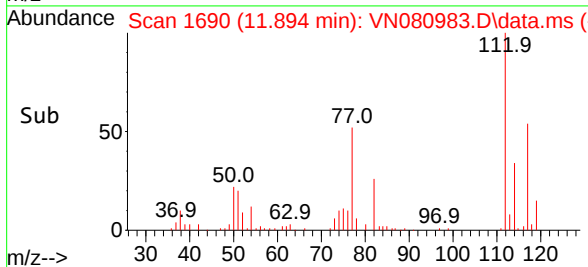
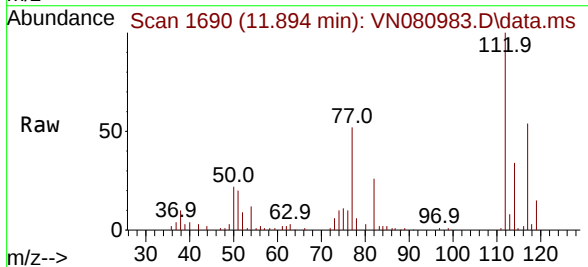
Manual Integrations
APPROVED

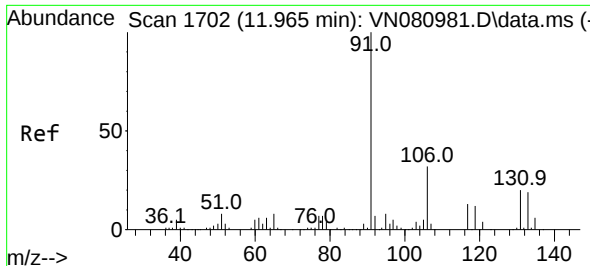
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#64
Chlorobenzene
Concen: 4.942 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion:112 Resp: 72818
Ion Ratio Lower Upper
112 100
114 33.7 26.6 39.8





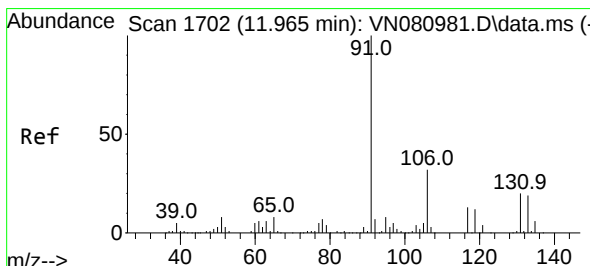
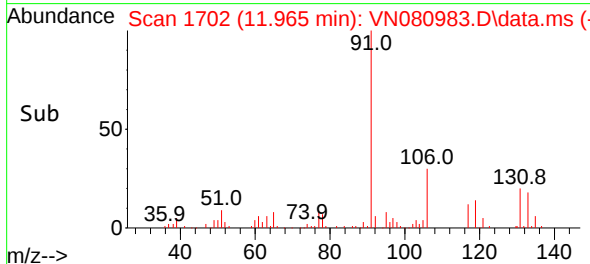
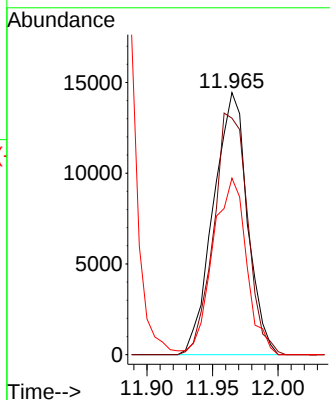
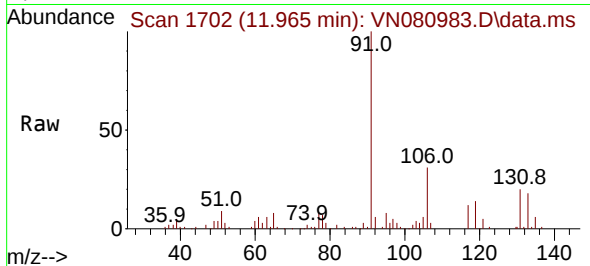
#65
1,1,1,2-Tetrachloroethane
Concen: 4.780 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 2612
Ion Ratio Lower Upper
131 100
133 91.6 0.0 188.0
119 66.6 0.0 122.8

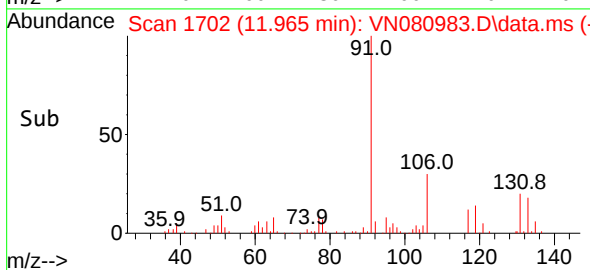
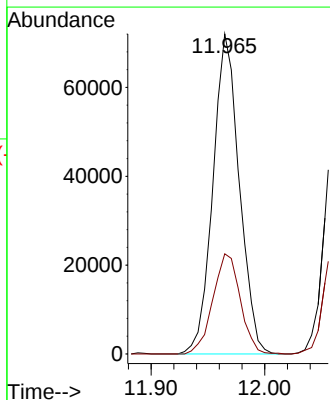
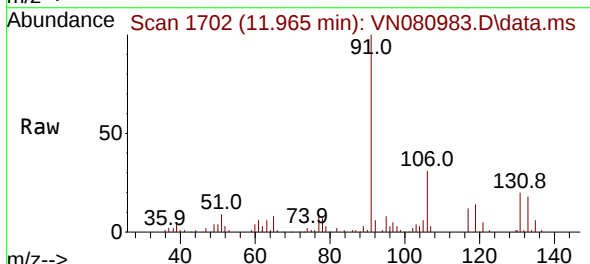
Manual Integrations
APPROVED

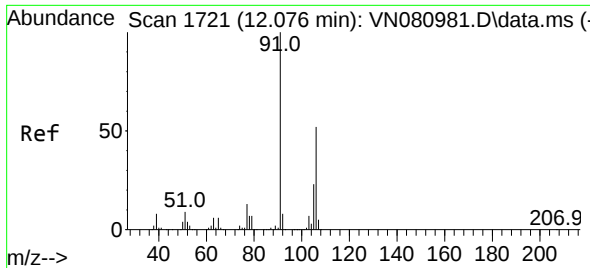
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#66
Ethyl Benzene
Concen: 4.601 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 91 Resp: 116369
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6





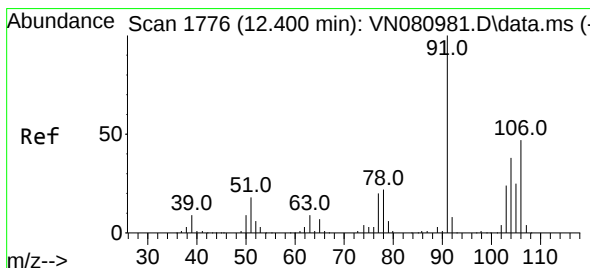
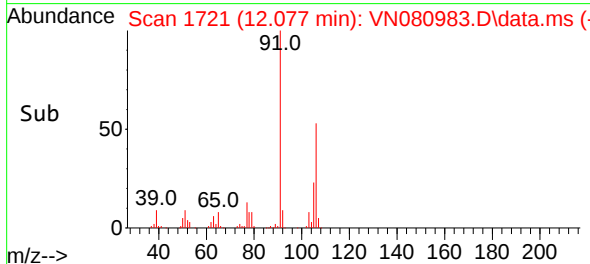
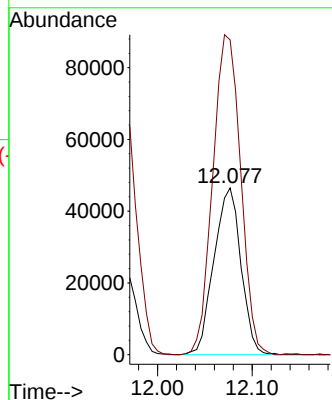
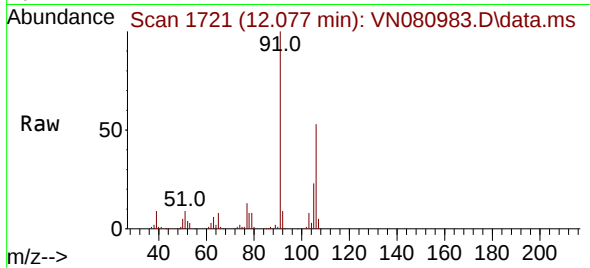
#67
m/p-Xylenes
Concen: 9.261 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 9198
Ion Ratio Lower Upper
106 100
91 198.2 166.6 249.8

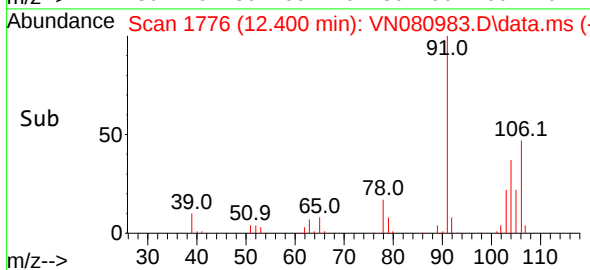
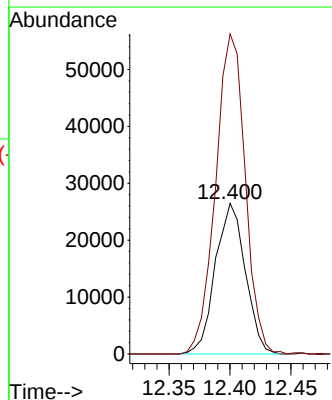
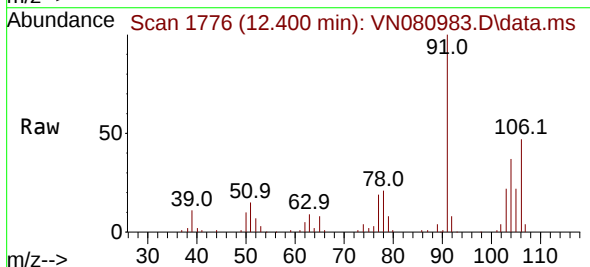
Manual Integrations
APPROVED

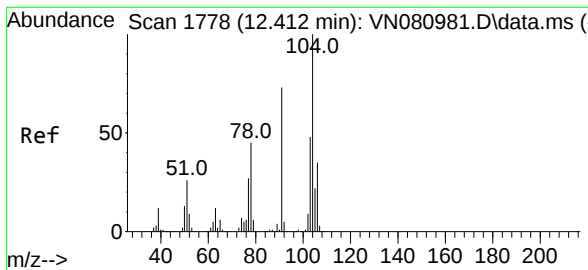
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#68
o-Xylene
Concen: 4.660 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion:106 Resp: 45368
Ion Ratio Lower Upper
106 100
91 210.0 110.0 330.0





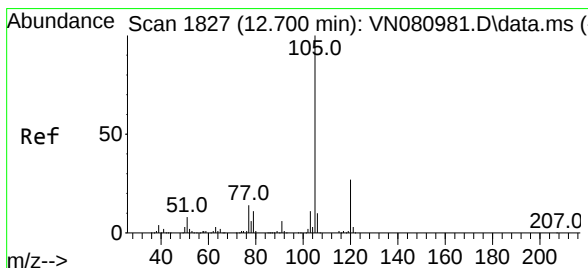
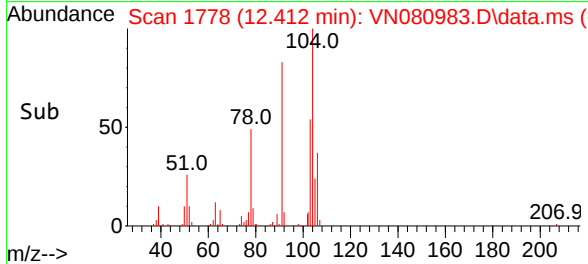
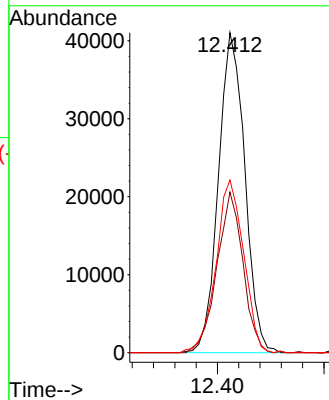
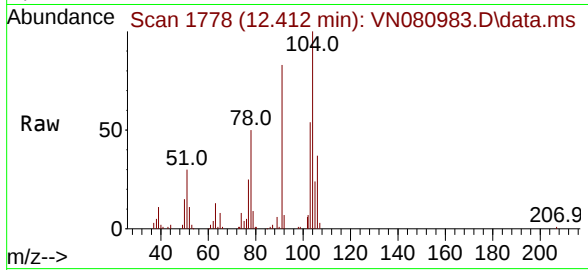
#69
Styrene
Concen: 4.399 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:104 Resp: 7050
Ion Ratio Lower Upper
104 100
78 49.5 42.6 64.0
103 56.3 43.7 65.5

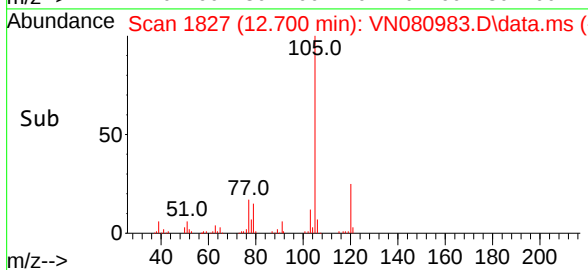
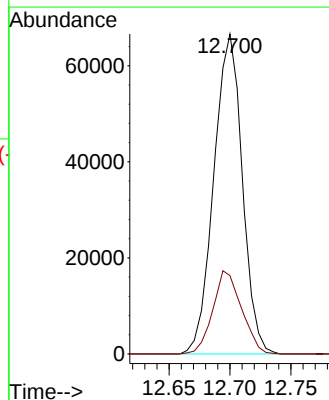
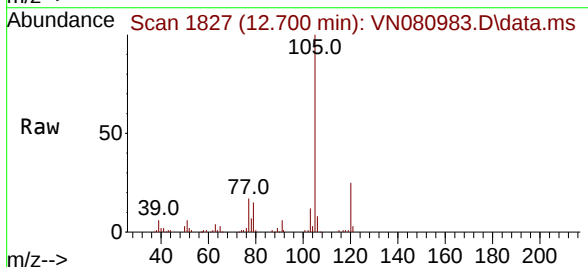
Manual Integrations
APPROVED

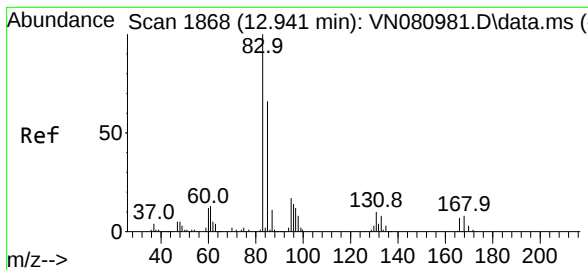
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#70
Isopropylbenzene
Concen: 4.569 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

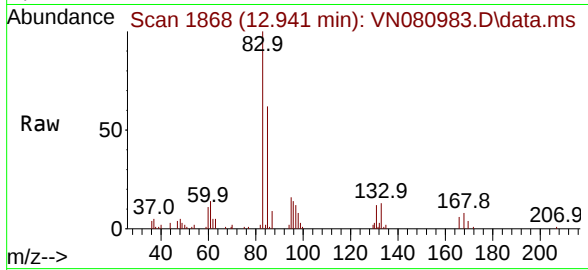
Tgt Ion:105 Resp: 108400
Ion Ratio Lower Upper
105 100
120 26.2 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 5.159 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

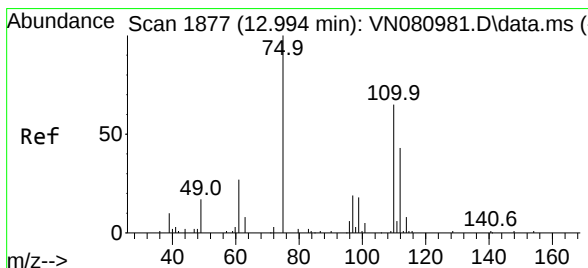
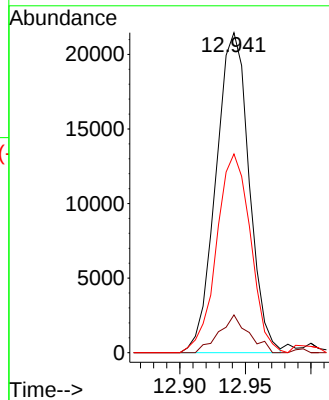
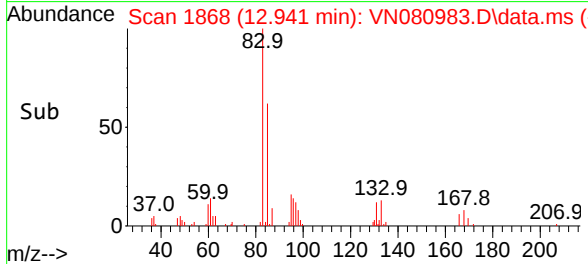
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 37740
Ion Ratio Lower Upper
83 100
131 10.4 5.2 15.6
85 63.4 32.3 96.8

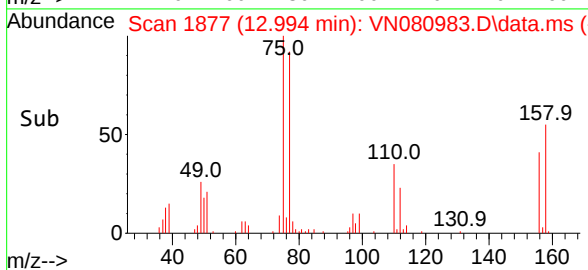
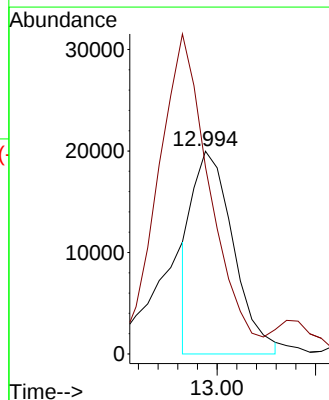
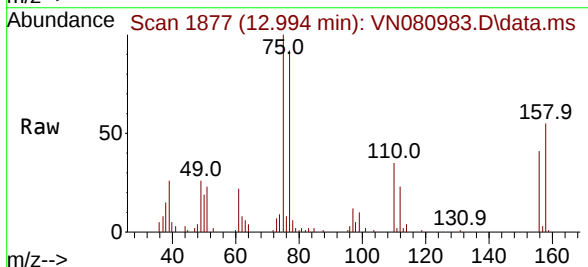
Manual Integrations
APPROVED

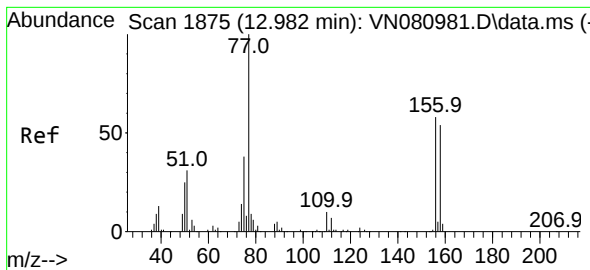
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#72
1,2,3-Trichloropropane
Concen: 5.158 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 75 Resp: 28831
Ion Ratio Lower Upper
75 100
77 203.7 0.0 367.6





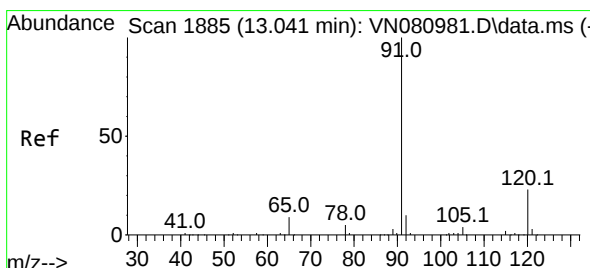
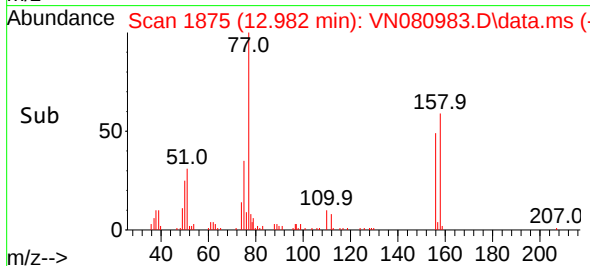
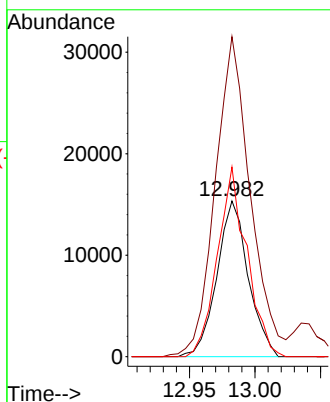
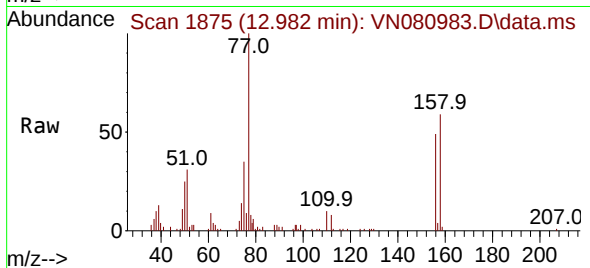
#73
Bromobenzene
Concen: 4.320 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 25484
Ion Ratio Lower Upper
156 100
77 230.5 0.0 437.6
158 114.5 0.0 203.8

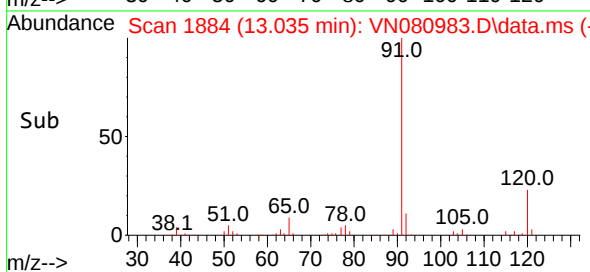
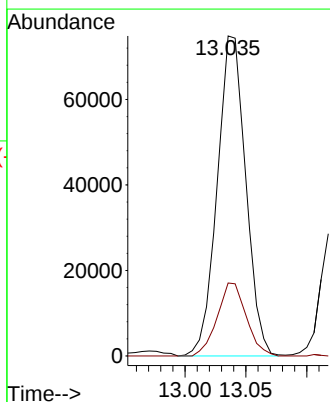
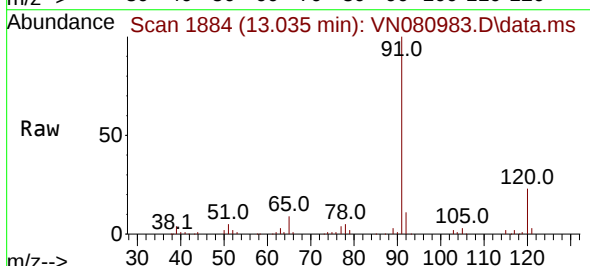
Manual Integrations
APPROVED

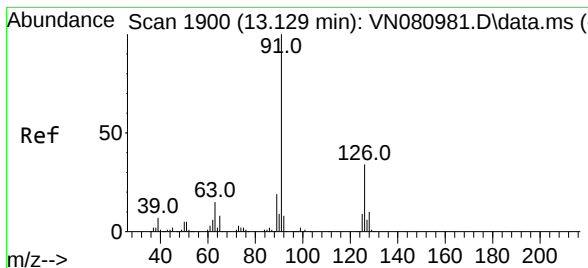
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#74
n-propylbenzene
Concen: 4.532 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 91 Resp: 122203
Ion Ratio Lower Upper
91 100
120 23.2 0.0 43.8





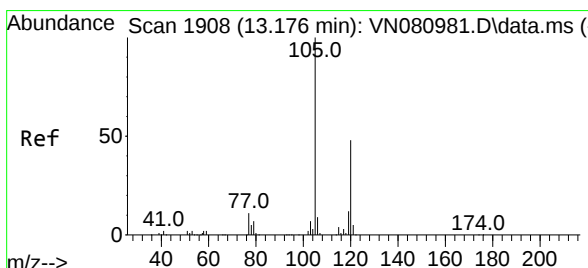
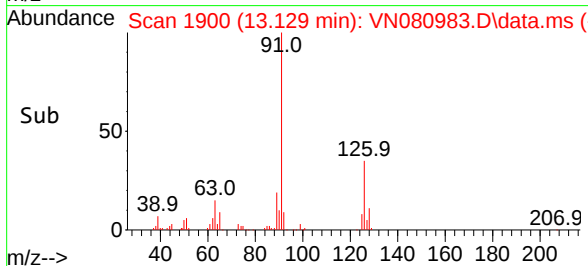
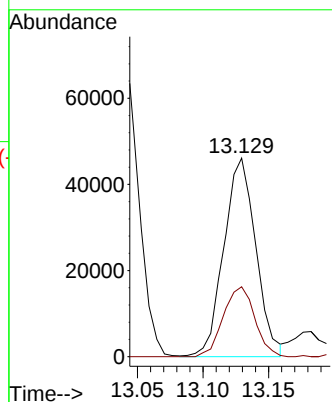
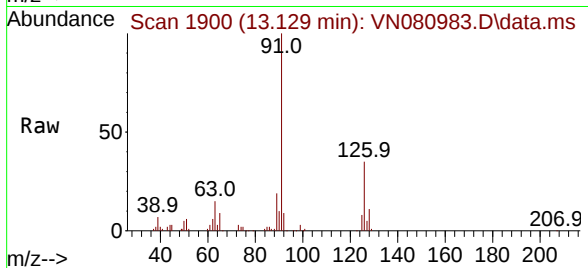
#75
2-Chlorotoluene
Concen: 4.678 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 78300
Ion Ratio Lower Upper
91 100
126 34.6 0.0 61.2

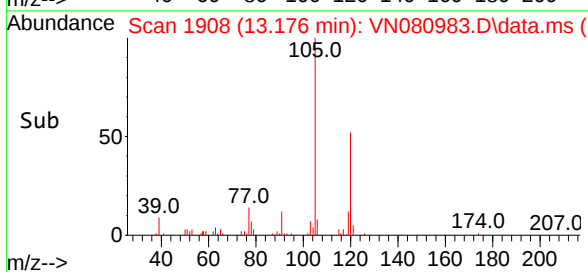
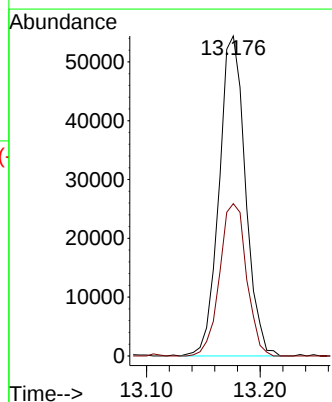
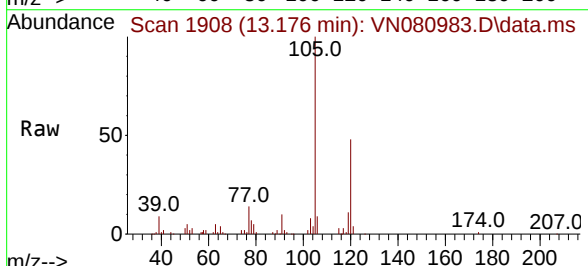
Manual Integrations
APPROVED

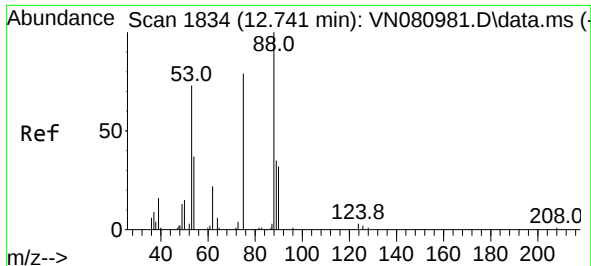
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 4.511 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion:105 Resp: 87562
Ion Ratio Lower Upper
105 100
120 48.6 0.0 95.8





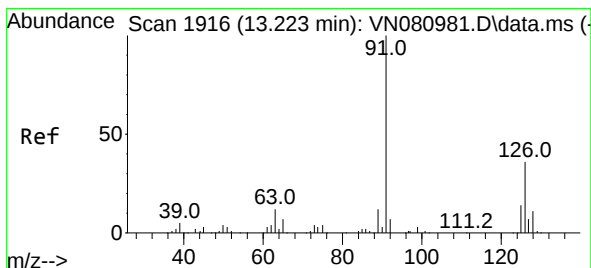
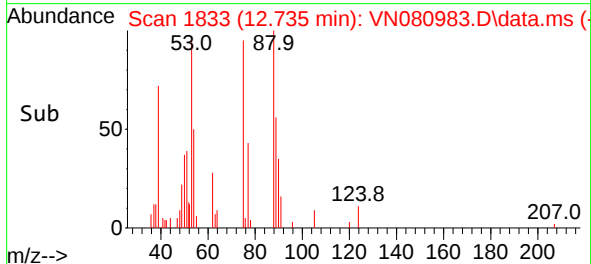
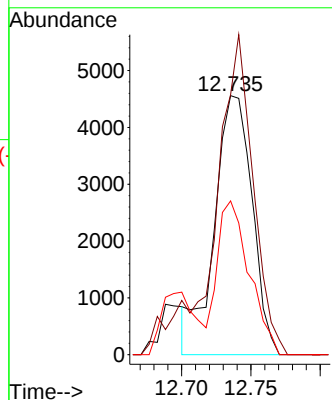
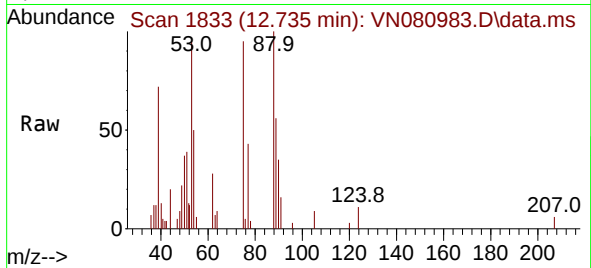
#77
t-1,4-Dichloro-2-butene
Concen: 4.030 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 865
Ion Ratio Lower Upper
75 100
53 100.4 45.9 137.7
89 59.3 25.9 77.7

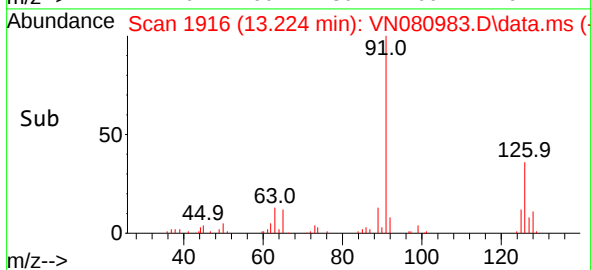
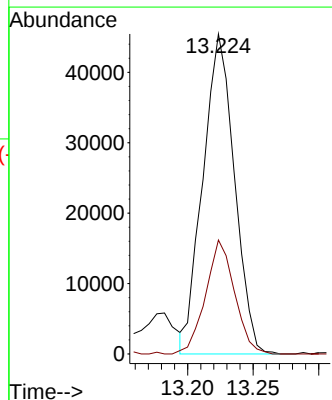
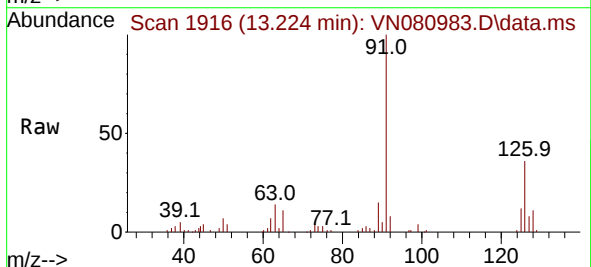
Manual Integrations
APPROVED

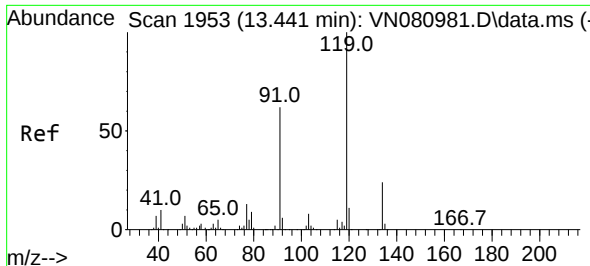
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#78
4-Chlorotoluene
Concen: 4.535 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 91 Resp: 76033
Ion Ratio Lower Upper
91 100
126 32.7 0.0 62.8





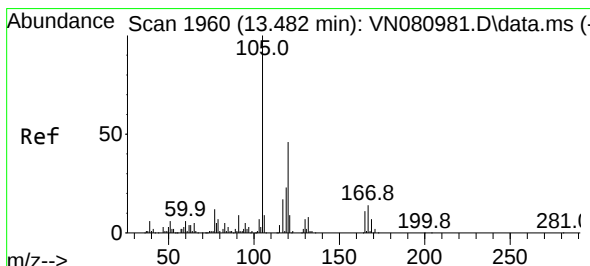
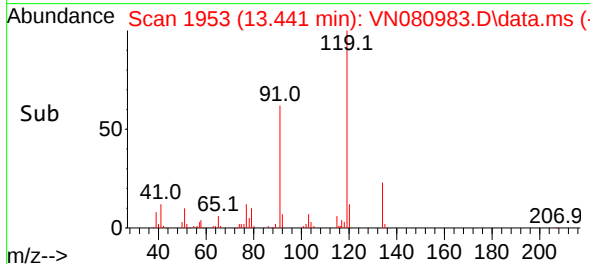
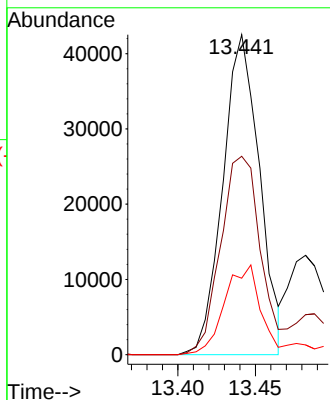
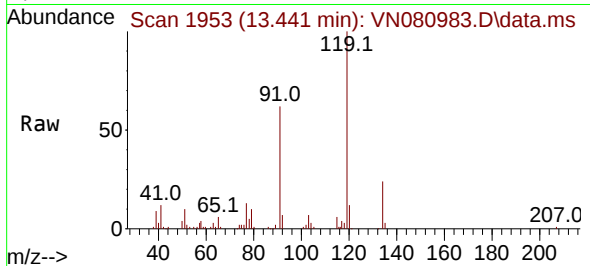
#79
tert-butylbenzene
Concen: 4.340 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 6993
Ion Ratio Lower Upper
119 100
91 66.9 0.0 138.8
134 27.2 0.0 48.6

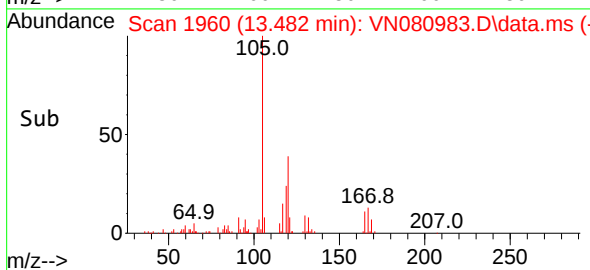
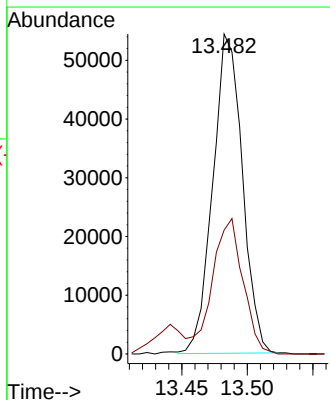
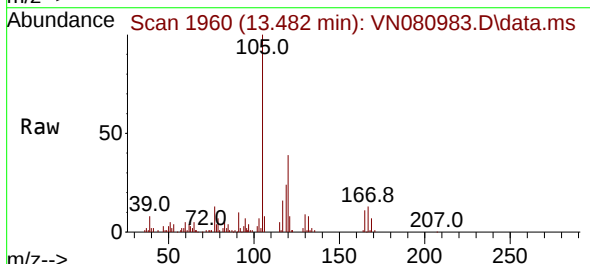
Manual Integrations
APPROVED

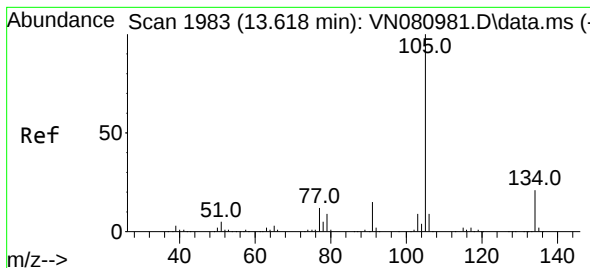
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 4.398 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

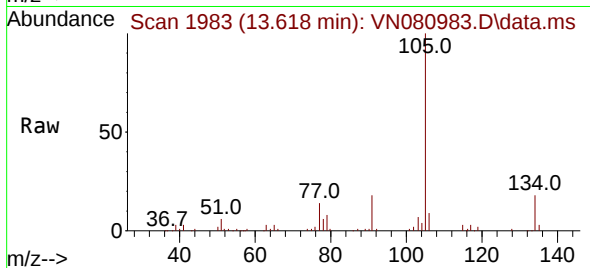
Tgt Ion:105 Resp: 85052
Ion Ratio Lower Upper
105 100
120 44.1 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 4.406 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080983.D
 Acq: 09 Feb 2024 11:35

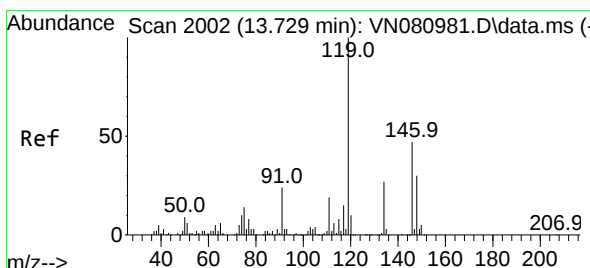
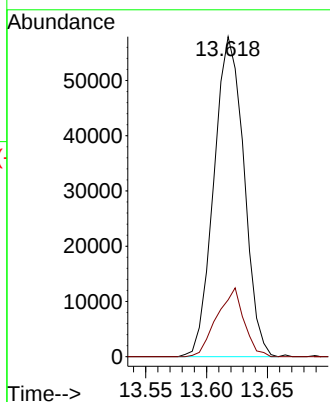
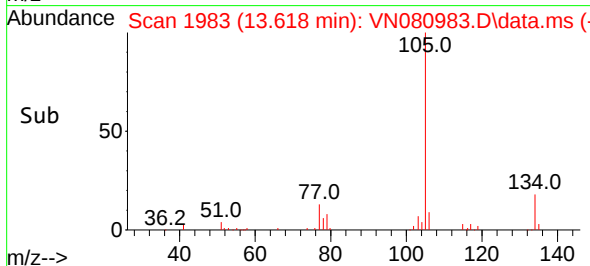
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



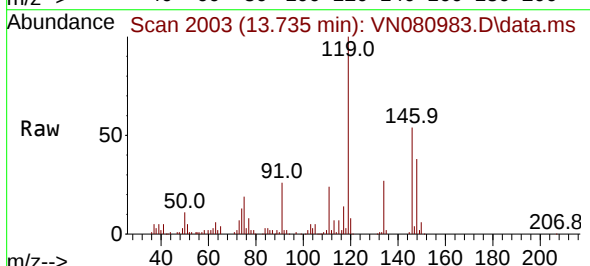
Tgt Ion:105 Resp: 99418
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.0

Manual Integrations
 APPROVED

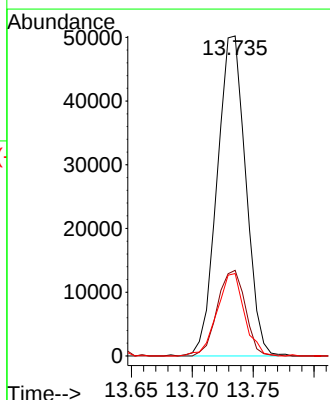
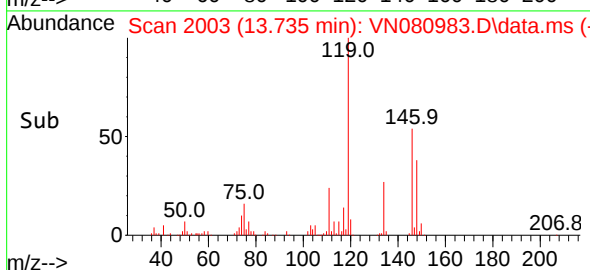
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

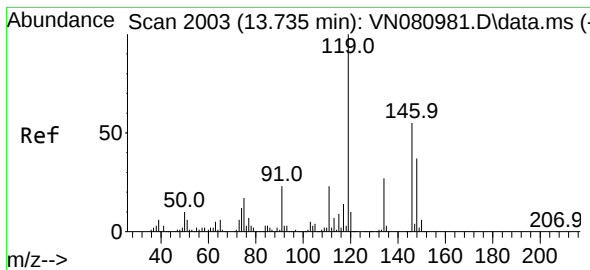


#82
 p-Isopropyltoluene
 Concen: 4.335 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080983.D
 Acq: 09 Feb 2024 11:35



Tgt Ion:119 Resp: 82117
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 49.2
 91 24.7 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 4.505 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

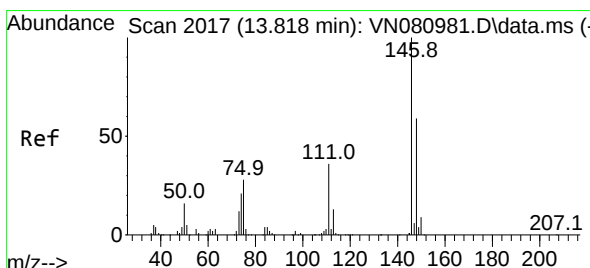
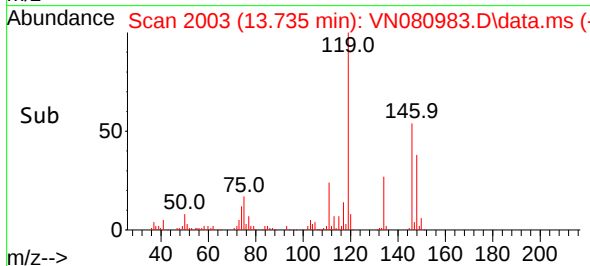
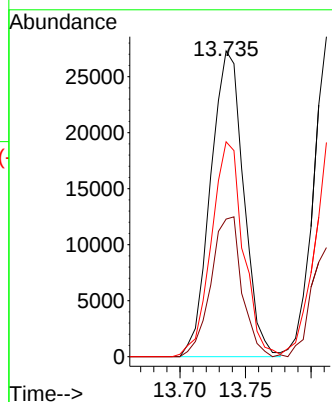
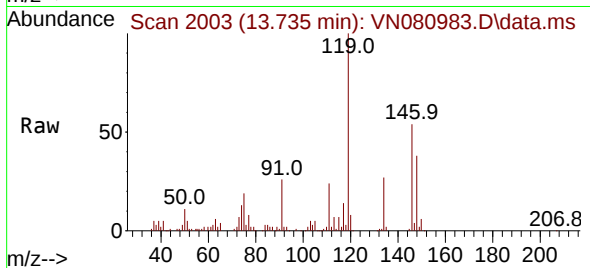
Tgt Ion:	146	Resp:	4780
Ion Ratio	Lower	Upper	
146	100		
111	43.0	22.4	67.0
148	68.0	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#84

1,4-Dichlorobenzene

Concen: 4.555 ug/l

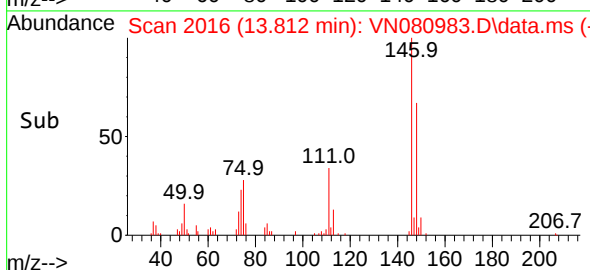
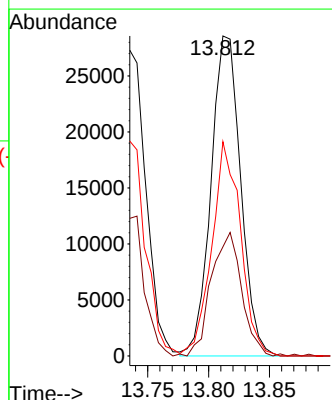
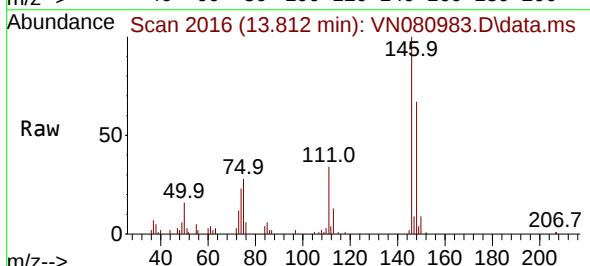
RT: 13.812 min Scan# 2016

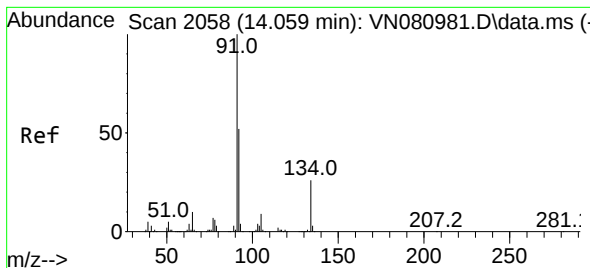
Delta R.T. -0.006 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

Tgt Ion:	146	Resp:	48517
Ion Ratio	Lower	Upper	
146	100		
111	39.5	21.3	63.9
148	64.8	31.9	95.5





#85

n-Butylbenzene

Concen: 4.041 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

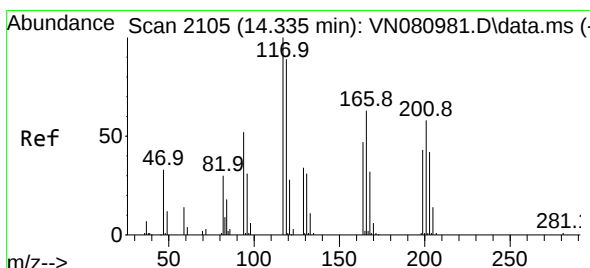
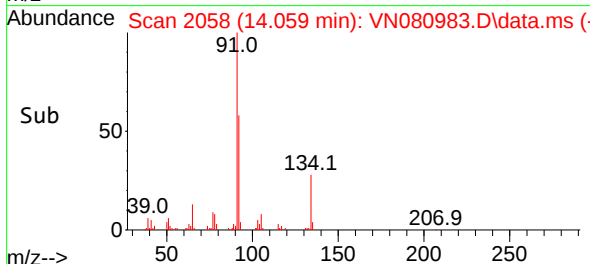
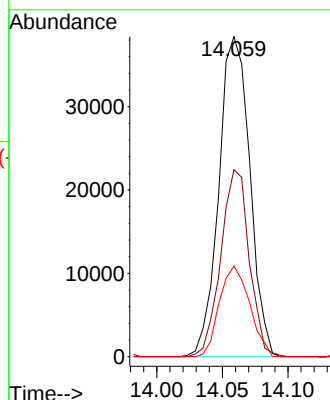
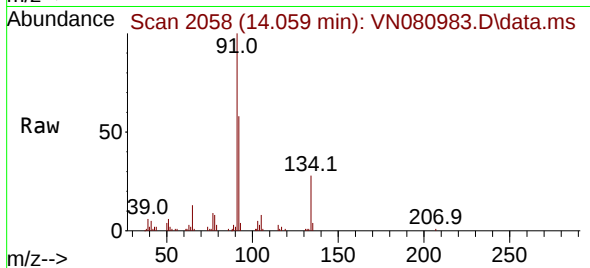
Tgt Ion:	91	Resp:	63160
Ion	Ratio	Lower	Upper
91	100		
92	53.7	0.0	105.0
134	27.6	0.0	51.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#86

Hexachloroethane

Concen: 4.162 ug/l

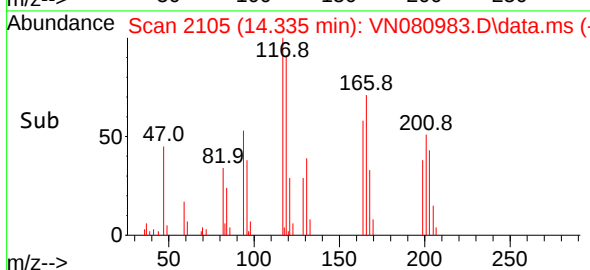
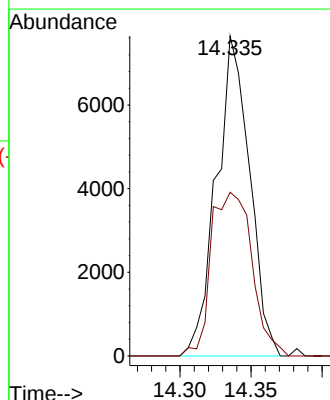
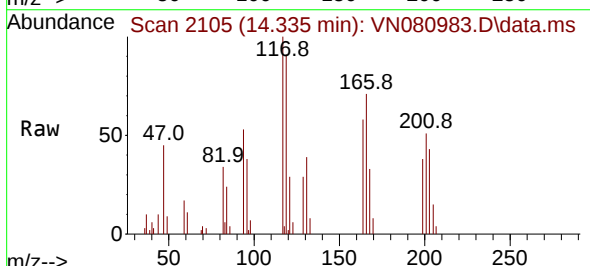
RT: 14.335 min Scan# 2105

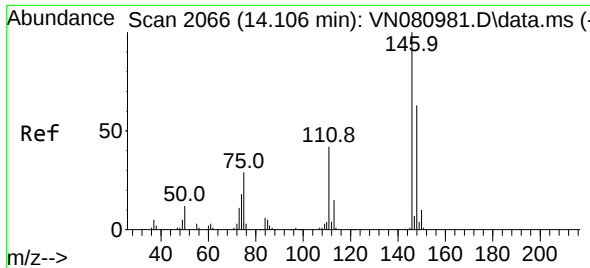
Delta R.T. 0.000 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

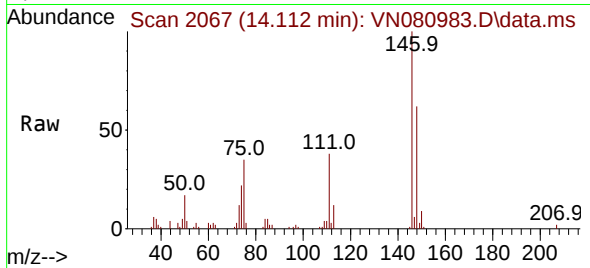
Tgt Ion:	117	Resp:	12436
Ion	Ratio	Lower	Upper
117	100		
201	23.4	38.0	114.0#





#87
1,2-Dichlorobenzene
Concen: 4.817 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

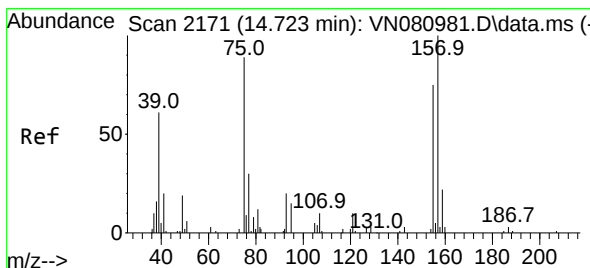
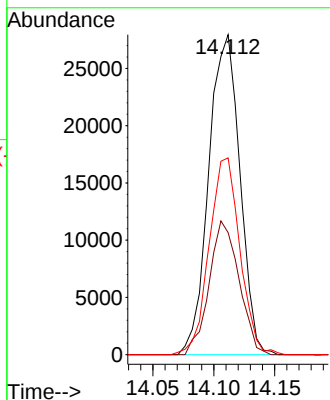
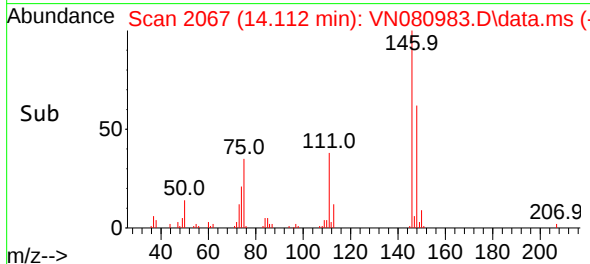
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:146 Resp: 4975
Ion Ratio Lower Upper
146 100
111 40.1 22.6 67.8
148 60.4 31.3 93.8

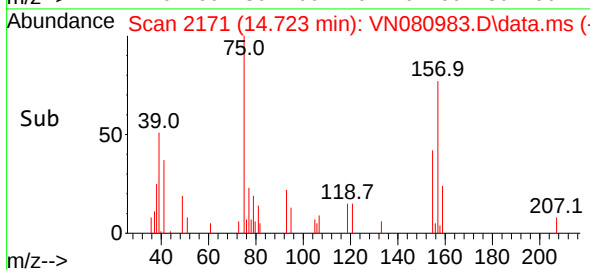
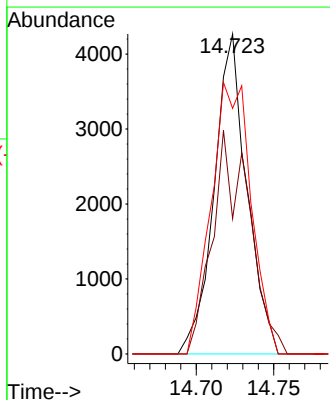
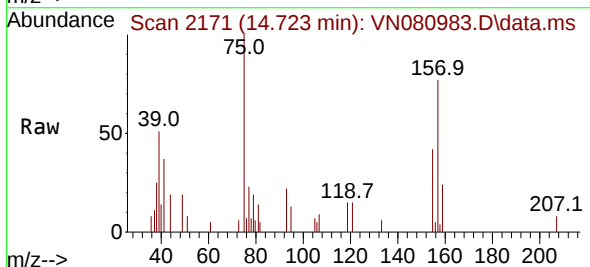
Manual Integrations
APPROVED

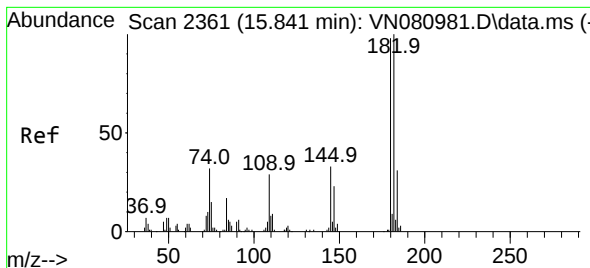
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.739 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

Tgt Ion: 75 Resp: 6257
Ion Ratio Lower Upper
75 100
155 44.7 61.7 92.5#
157 103.9 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 4.144 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

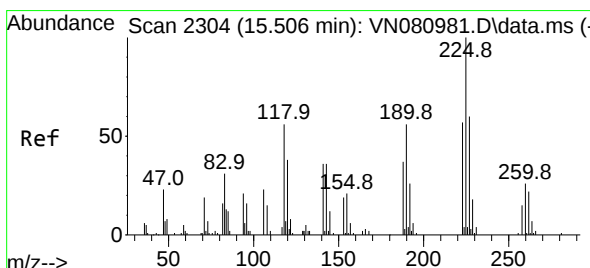
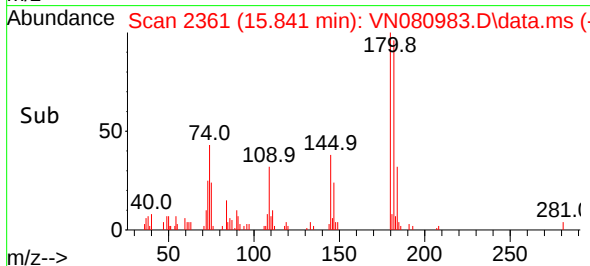
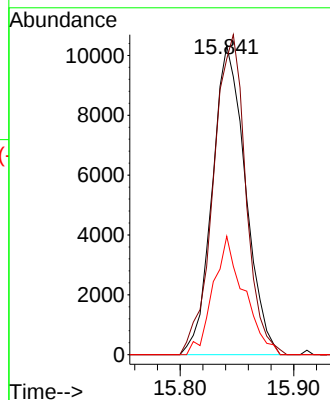
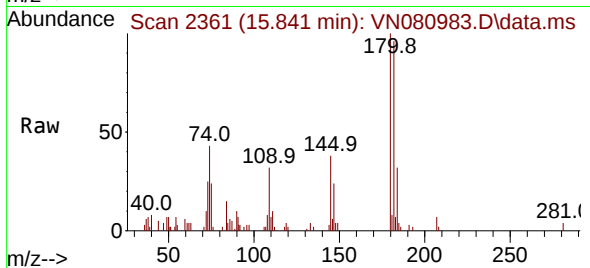
Tgt Ion:	180	Resp:	2094
Ion Ratio	Lower	Upper	
180	100		
182	101.2	76.4	114.6
145	35.8	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#90

Hexachlorobutadiene

Concen: 4.719 ug/l

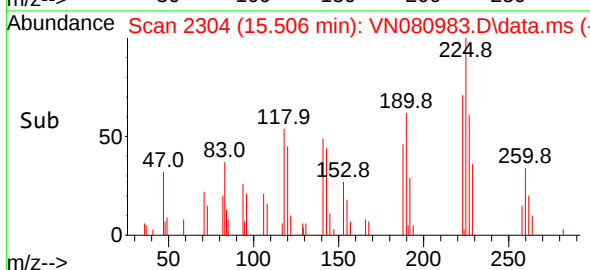
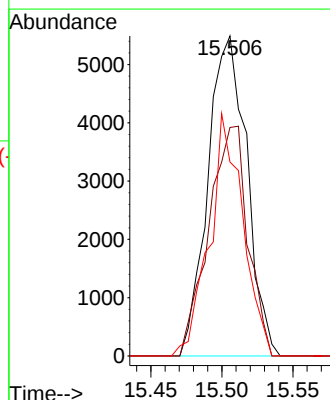
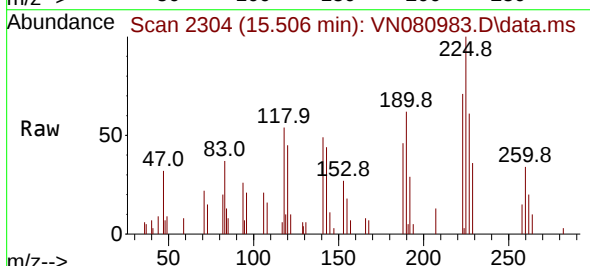
RT: 15.506 min Scan# 2304

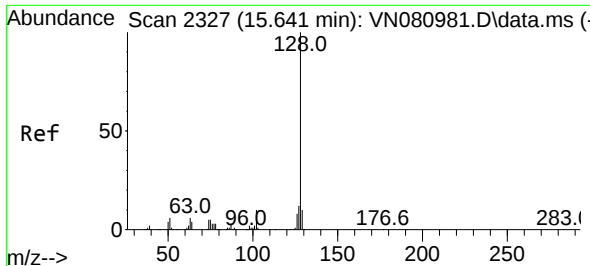
Delta R.T. 0.000 min

Lab File: VN080983.D

Acq: 09 Feb 2024 11:35

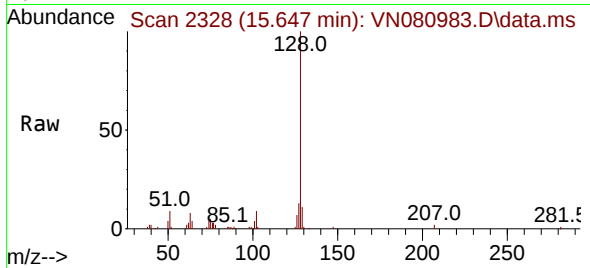
Tgt Ion:	225	Resp:	10463
Ion Ratio	Lower	Upper	
225	100		
223	72.4	0.0	126.6
227	64.7	0.0	126.6





#91
Naphthalene
Concen: 4.155 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35

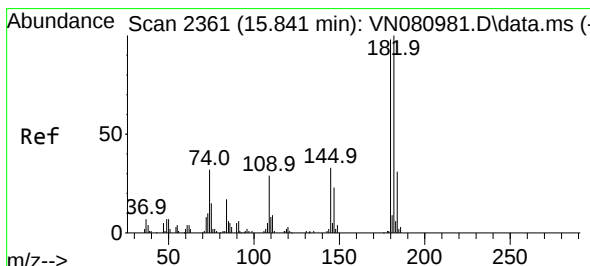
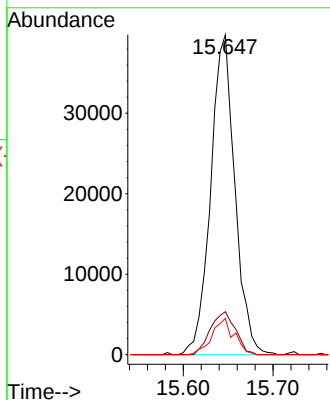
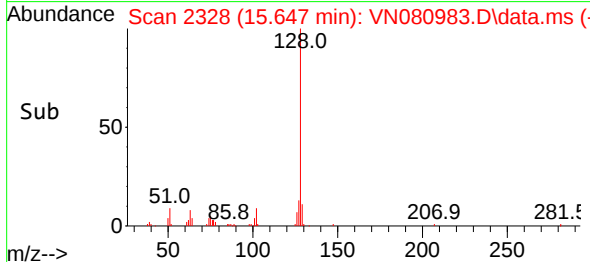
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



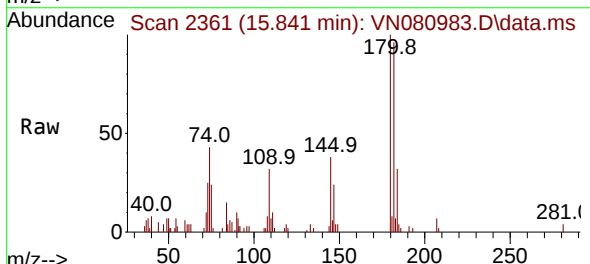
Tgt Ion:128 Resp: 74564
Ion Ratio Lower Upper
128 100
127 14.0 10.6 16.0
129 10.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 4.144 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080983.D
Acq: 09 Feb 2024 11:35



Tgt Ion:180 Resp: 20944
Ion Ratio Lower Upper
180 100
182 101.2 0.0 191.0
145 35.8 0.0 71.0

