

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081023.D
 Acq On : 14 Feb 2024 13:49
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 07:55:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:55:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	611937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1090249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	912774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	323954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	7326	0.933	ug/l	87
3) Chloromethane	2.359	50	15842m	1.439	ug/l	
4) Vinyl Chloride	2.518	62	8676	1.053	ug/l	94
6) Chloroethane	3.124	64	6829m	1.289	ug/l	
7) Trichlorofluoromethane	3.489	101	12620	1.088	ug/l #	74
8) Diethyl Ether	3.971	74	4729	1.028	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.359	101	7159	1.046	ug/l #	75
12) 1,1-Dichloroethene	4.347	96	5966	0.895	ug/l #	73
14) Allyl chloride	5.024	41	12832	1.181	ug/l #	87
15) Acrylonitrile	5.718	53	18270	5.284	ug/l	97
16) Acetone	4.436	43	18673	6.337	ug/l #	88
17) Carbon Disulfide	4.718	76	22628	1.171	ug/l #	88
18) Methyl Acetate	5.024	43	8763	1.129	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	22895	0.984	ug/l #	90
20) Methylene Chloride	5.265	84	8413	1.096	ug/l #	77
21) trans-1,2-Dichloroethene	5.783	96	7726	1.054	ug/l #	77
22) Diisopropyl ether	6.671	45	23617	0.994	ug/l #	94
23) Vinyl Acetate	6.600	43	91275	4.767	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	12653	0.955	ug/l #	87
25) 2-Butanone	7.494	43	26749	5.592	ug/l	100
26) 2,2-Dichloropropane	7.500	77	12086	0.991	ug/l	78
27) cis-1,2-Dichloroethene	7.483	96	9057	1.069	ug/l	88
28) Bromochloromethane	7.812	49	5654	1.057	ug/l #	79
29) Tetrahydrofuran	7.841	42	15017	4.885	ug/l #	86
30) Chloroform	7.965	83	14726	1.036	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	12977	1.034	ug/l #	43
36) 1,1-Dichloropropene	8.371	75	10051	0.964	ug/l #	90
37) Ethyl Acetate	7.565	43	9488	0.994	ug/l #	80
38) Carbon Tetrachloride	8.365	117	6100	0.799	ug/l	96
39) Methylcyclohexane	9.606	83	12657	0.986	ug/l #	87
40) Benzene	8.606	78	31374	1.017	ug/l	92
41) Methacrylonitrile	7.771	41	6729	1.162	ug/l #	88
42) 1,2-Dichloroethane	8.665	62	11819	1.080	ug/l	99
43) Isopropyl Acetate	8.688	43	19206	1.074	ug/l	96
44) Trichloroethene	9.353	130	10034	1.098	ug/l	92
45) 1,2-Dichloropropane	9.618	63	7270	0.953	ug/l	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081023.D
 Acq On : 14 Feb 2024 13:49
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

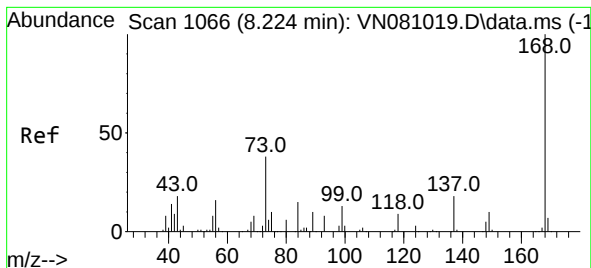
Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 07:55:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:55:21 2024
 Response via : Initial Calibration

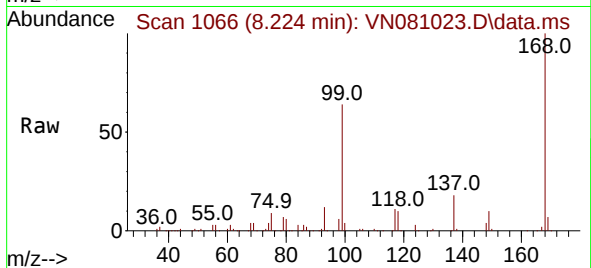
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	5568	1.034	ug/l	94
47) Bromodichloromethane	9.894	83	9948	0.943	ug/l	95
48) Methyl methacrylate	9.682	41	9386	1.115	ug/l	90
49) 1,4-Dioxane	9.694	88	7684	37.100	ug/l	89
51) 4-Methyl-2-Pentanone	10.441	43	49281	4.944	ug/l	97
52) Toluene	10.635	92	19043	0.988	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	11539	0.928	ug/l #	79
54) cis-1,3-Dichloropropene	10.312	75	13341	1.014	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	6803	0.939	ug/l #	80
56) Ethyl methacrylate	10.876	69	11599	0.978	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	13010	1.005	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	29994	5.096	ug/l #	82
59) 2-Hexanone	11.194	43	36160	4.939	ug/l	99
60) Dibromochloromethane	11.365	129	6469	0.939	ug/l	92
61) 1,2-Dibromoethane	11.465	107	7695	1.010	ug/l	98
64) Tetrachloroethene	11.106	164	9245	0.994	ug/l	91
65) Chlorobenzene	11.894	112	19296	1.008	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	11.959	131	6491	0.985	ug/l #	64
67) Ethyl Benzene	11.965	91	35028	0.971	ug/l	94
68) m/p-Xylenes	12.070	106	24831	1.866	ug/l	99
69) o-Xylene	12.400	106	12388	0.960	ug/l	100
70) Styrene	12.412	104	19809	0.963	ug/l	98
71) Bromoform	12.576	173	2759	0.823	ug/l #	93
73) Isopropylbenzene	12.700	105	33354	1.019	ug/l	98
74) N-amyl acetate	12.494	43	16596	1.102	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	8357	1.040	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	6559m	0.916	ug/l	
77) Bromobenzene	12.982	156	6988	1.054	ug/l	72
78) n-propylbenzene	13.035	91	35937	0.962	ug/l	95
79) 2-Chlorotoluene	13.123	91	21945	1.017	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	24859	0.979	ug/l	93
82) 4-Chlorotoluene	13.223	91	20803	0.998	ug/l	94
83) tert-Butylbenzene	13.441	119	22037	1.013	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	23814	0.973	ug/l	97
85) sec-Butylbenzene	13.617	105	26927	0.903	ug/l	92
86) p-Isopropyltoluene	13.729	119	21843	0.910	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	11129	0.987	ug/l	89
88) 1,4-Dichlorobenzene	13.812	146	12494m	1.073	ug/l	
89) n-Butylbenzene	14.059	91	24079	1.096	ug/l	93
90) Hexachloroethane	14.353	117	1437	2.002	ug/l #	21
91) 1,2-Dichlorobenzene	14.106	146	11169	1.022	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	2562	1.345	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	6843	1.045	ug/l	93
94) Hexachlorobutadiene	15.506	225	2989	1.104	ug/l	91
95) Naphthalene	15.647	128	24966	1.072	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	6506	1.014	ug/l	98

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

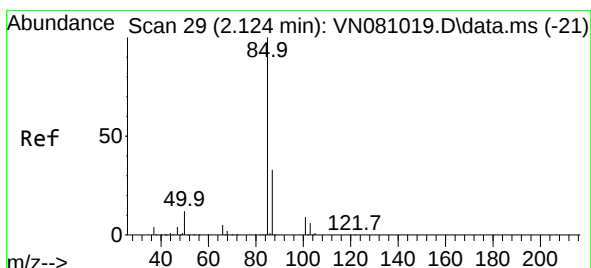
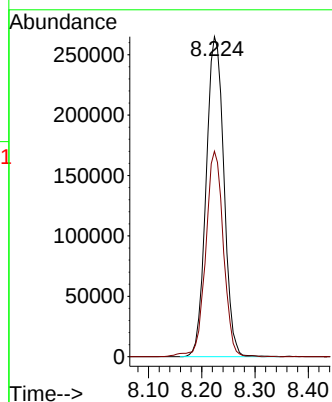
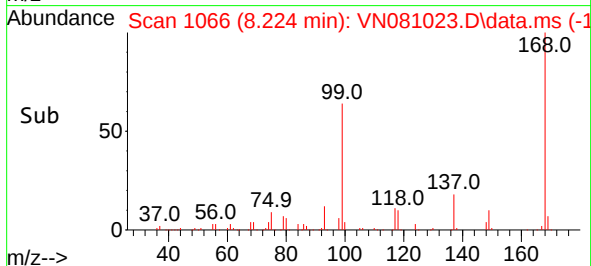
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 61193
Ion Ratio Lower Upper
168 100
99 64.2 59.9 89.9

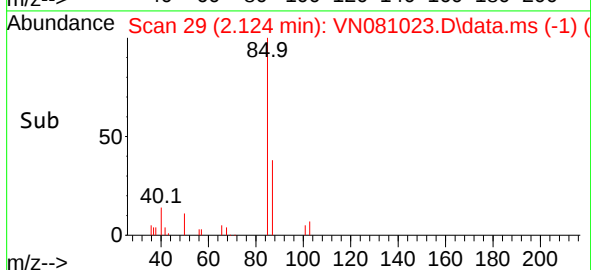
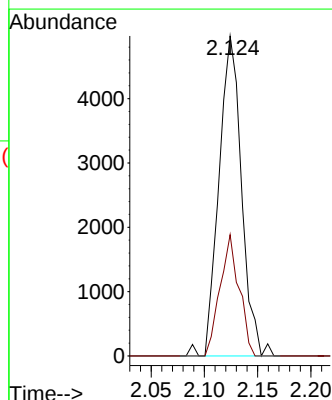
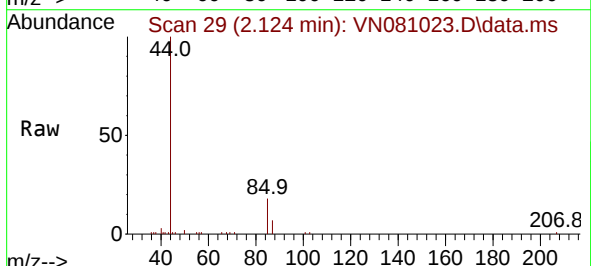
Manual Integrations
APPROVED

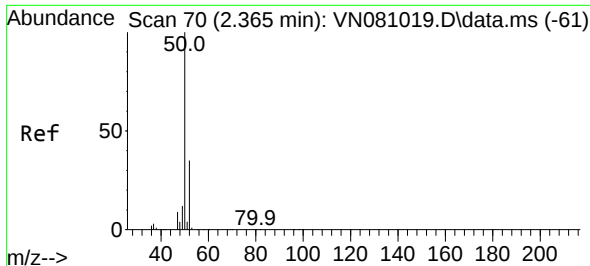
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#2
Dichlorodifluoromethane
Concen: 0.933 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

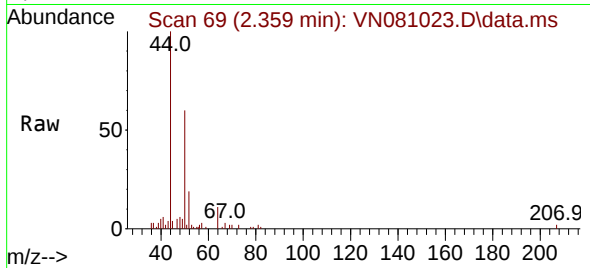
Tgt Ion: 85 Resp: 7326
Ion Ratio Lower Upper
85 100
87 37.9 15.3 45.9





#3
Chloromethane
Concen: 1.439 ug/l m
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

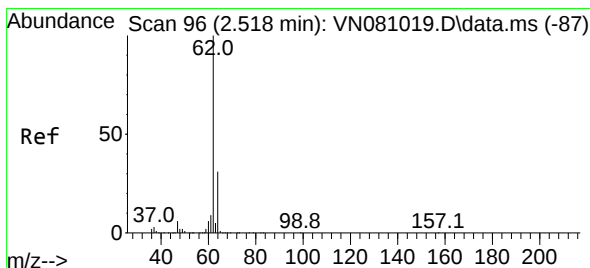
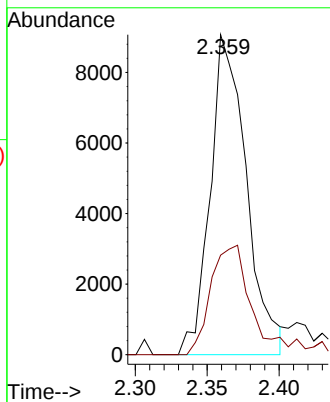
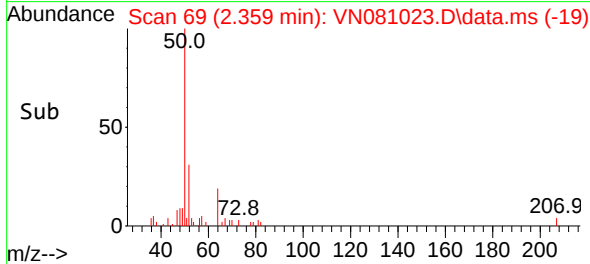
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 1584
Ion Ratio Lower Upper
50 100
52 31.1 25.0 37.4

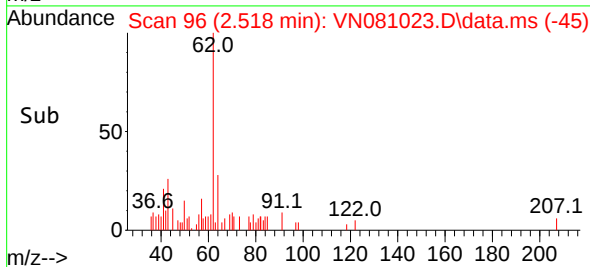
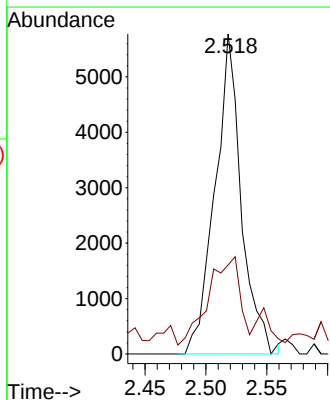
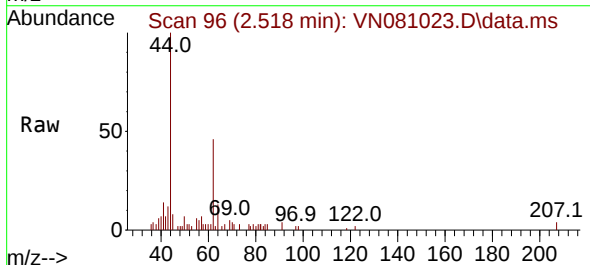
Manual Integrations
APPROVED

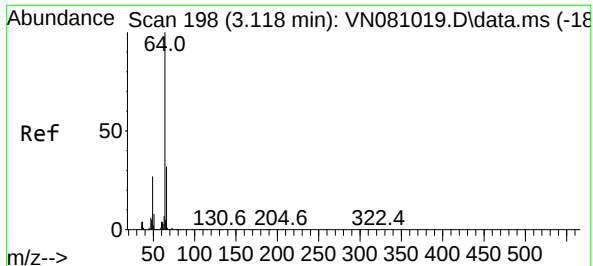
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#4
Vinyl Chloride
Concen: 1.053 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 62 Resp: 8676
Ion Ratio Lower Upper
62 100
64 25.0 22.7 34.1





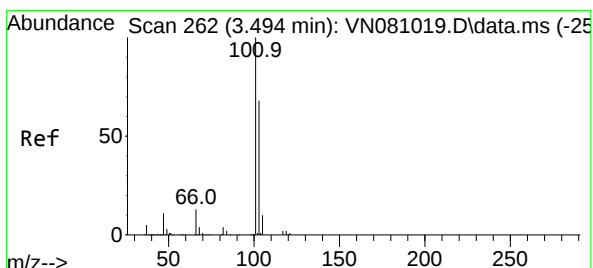
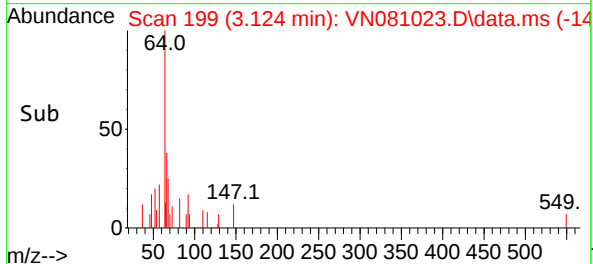
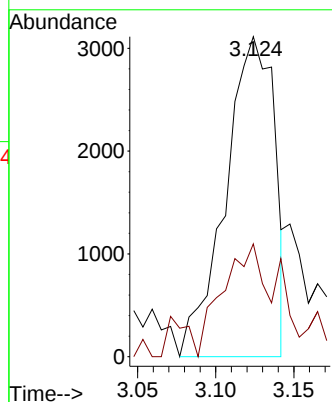
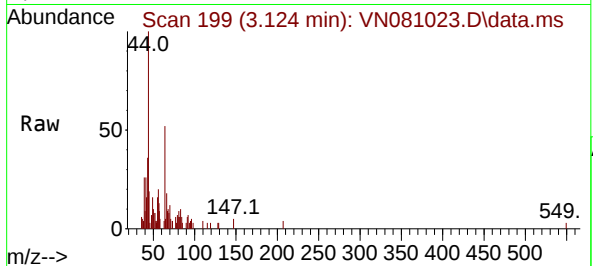
#6
Chloroethane
Concen: 1.289 ug/l m
RT: 3.124 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 6829
Ion Ratio Lower Upper
64 100
66 35.2 26.4 39.6

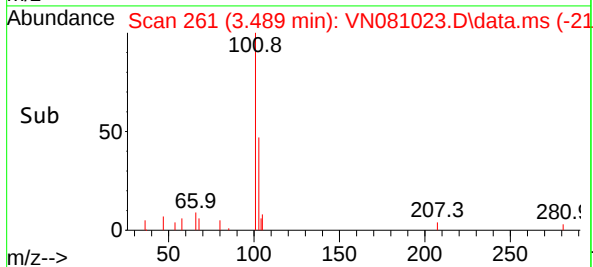
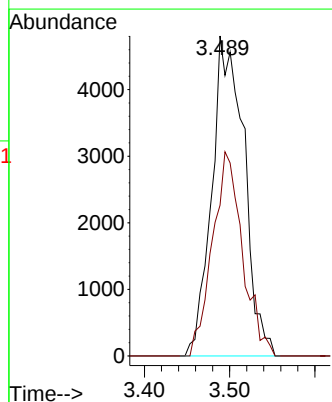
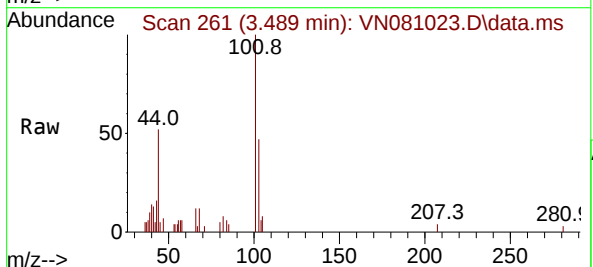
Manual Integrations
APPROVED

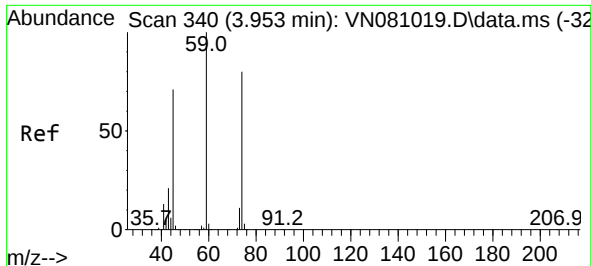
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#7
Trichlorofluoromethane
Concen: 1.088 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

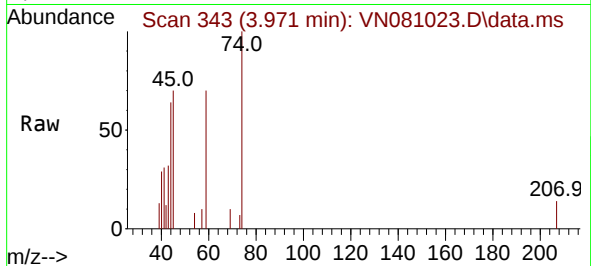
Tgt Ion:101 Resp: 12620
Ion Ratio Lower Upper
101 100
103 47.1 54.4 81.6#





#8
Diethyl Ether
Concen: 1.028 ug/l
RT: 3.971 min Scan# 340
Delta R.T. 0.018 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

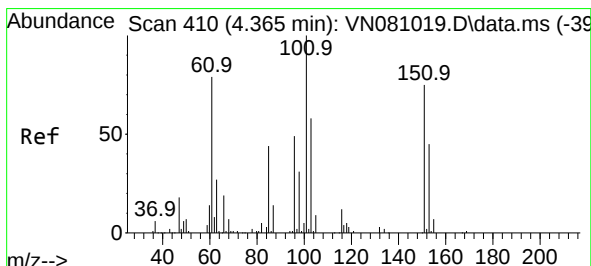
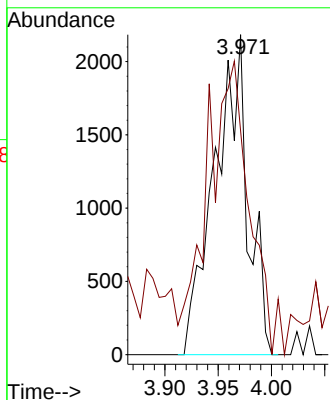
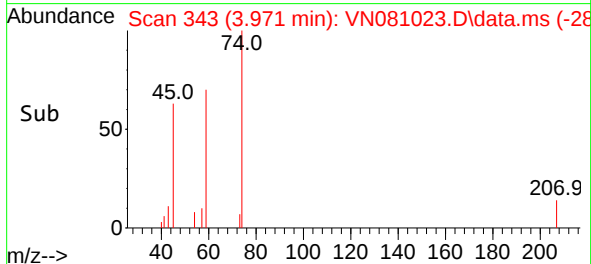
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 74 Resp: 4729
Ion Ratio Lower Upper
74 100
45 117.2 53.3 159.9

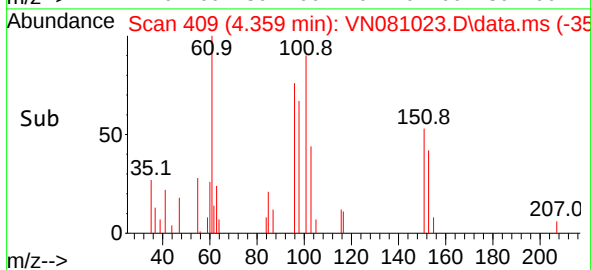
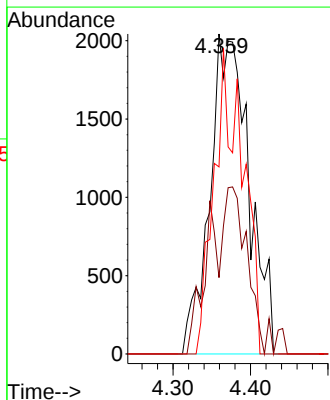
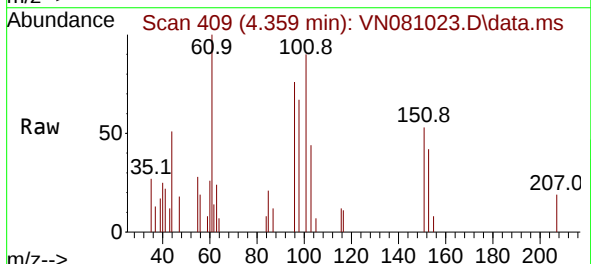
Manual Integrations
APPROVED

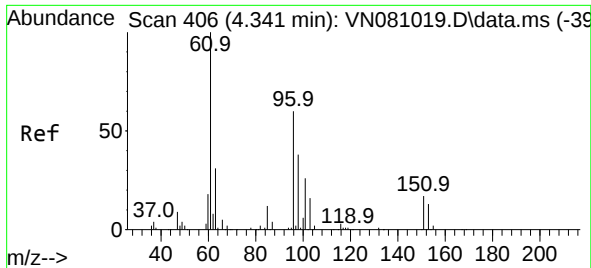
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.046 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion:101 Resp: 7159
Ion Ratio Lower Upper
101 100
85 31.3 38.1 57.1#
151 42.5 49.1 73.7#





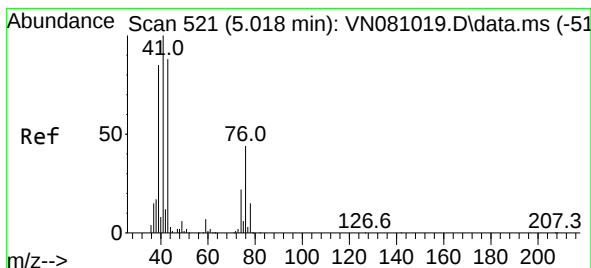
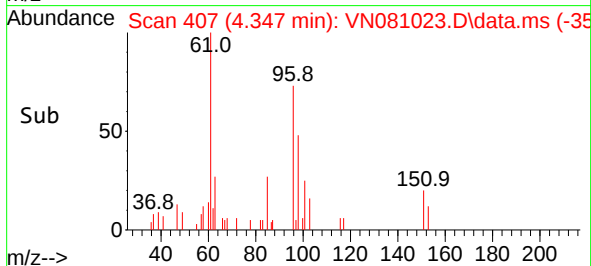
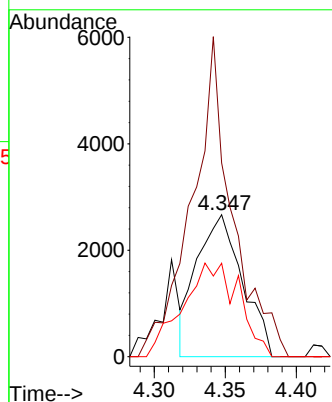
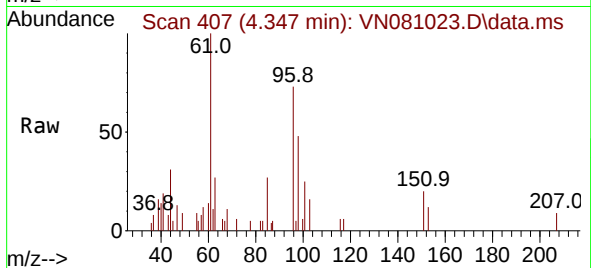
#12
1,1-Dichloroethene
Concen: 0.895 ug/l
RT: 4.347 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 5960
Ion Ratio Lower Upper
96 100
61 124.4 138.2 207.4
98 65.9 49.2 73.8

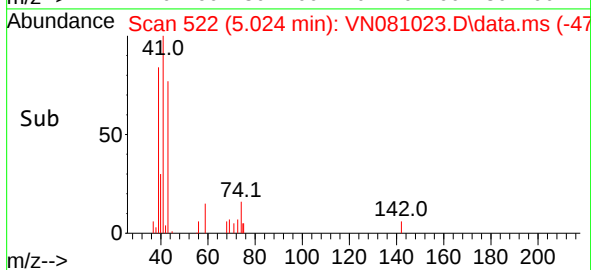
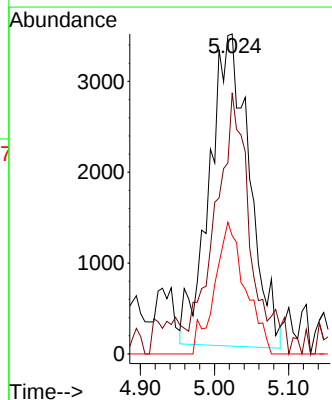
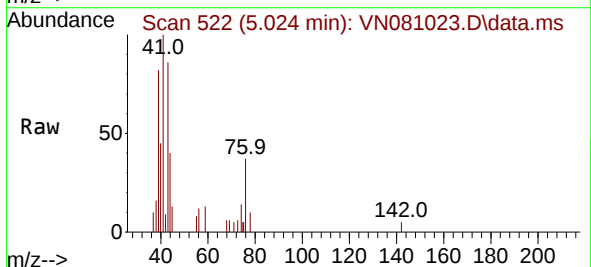
Manual Integrations
APPROVED

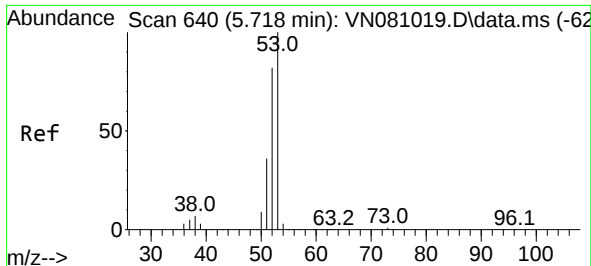
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#14
Allyl chloride
Concen: 1.181 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 41 Resp: 12832
Ion Ratio Lower Upper
41 100
39 56.4 57.7 86.5
76 32.6 26.8 40.2





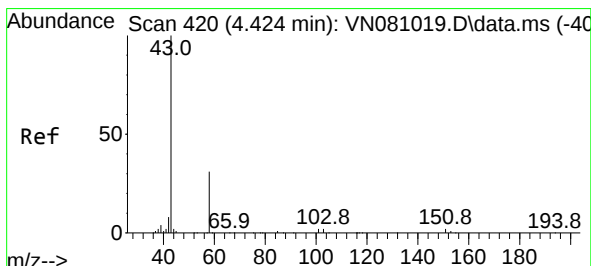
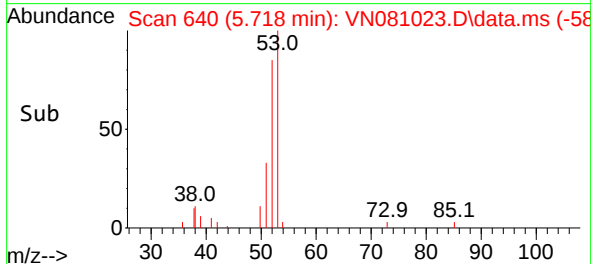
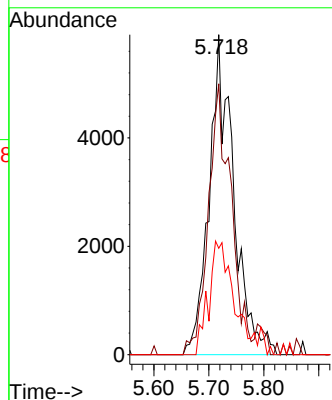
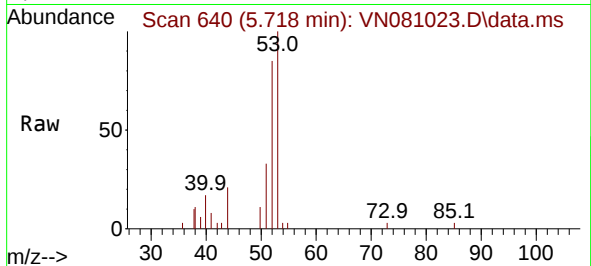
#15
Acrylonitrile
Concen: 5.284 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 18270
Ion Ratio Lower Upper
53 100
52 77.9 64.8 97.2
51 35.5 26.9 40.3

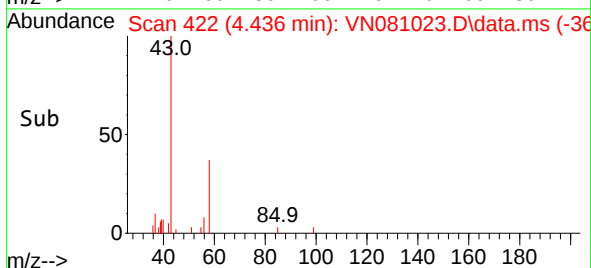
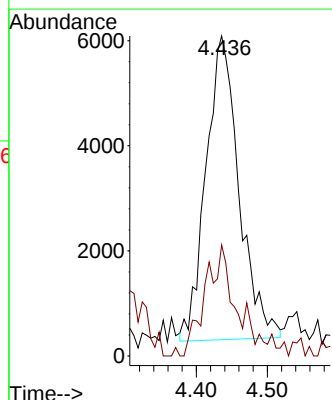
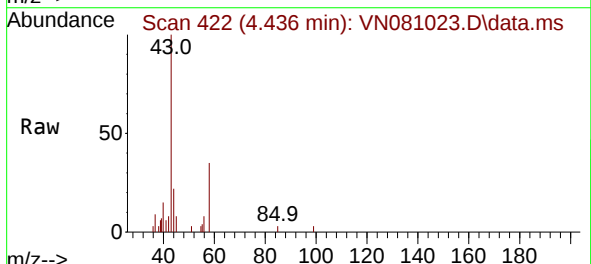
Manual Integrations
APPROVED

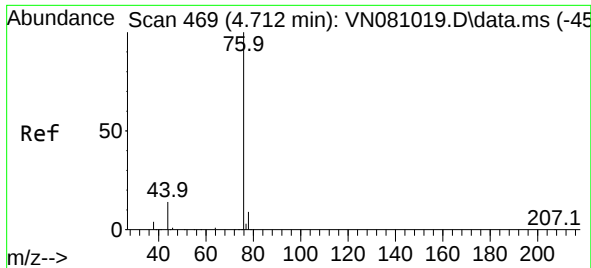
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#16
Acetone
Concen: 6.337 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 43 Resp: 18673
Ion Ratio Lower Upper
43 100
58 37.4 24.8 37.2#





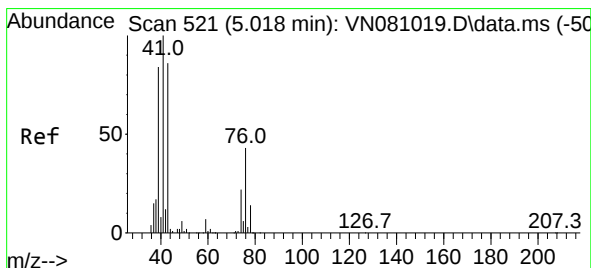
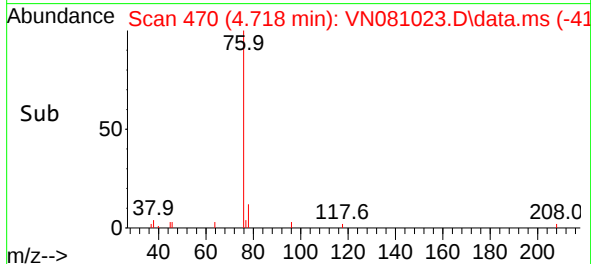
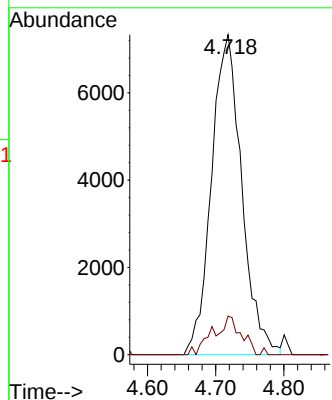
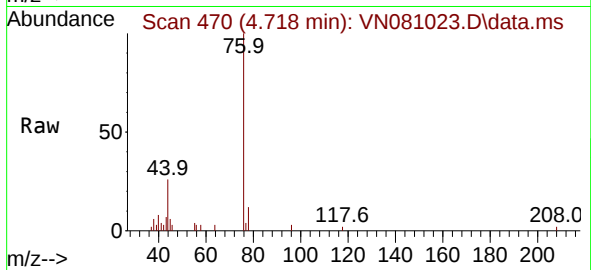
#17
Carbon Disulfide
Concen: 1.171 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 22628
Ion Ratio Lower Upper
76 100
78 12.0 6.3 9.5

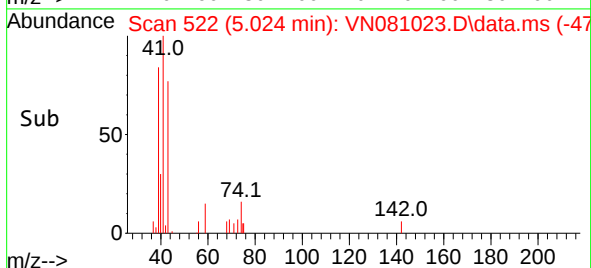
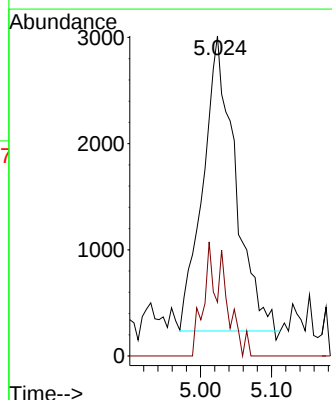
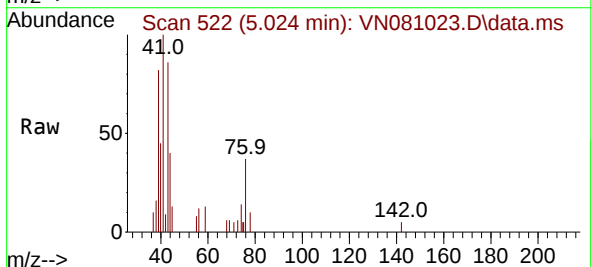
Manual Integrations
APPROVED

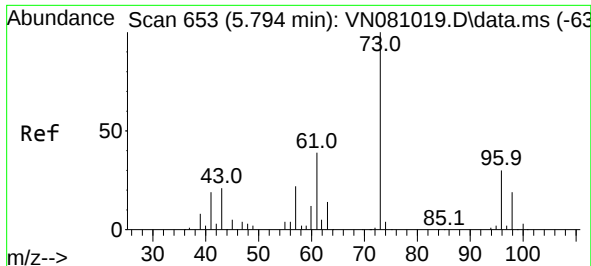
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#18
Methyl Acetate
Concen: 1.129 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 43 Resp: 8763
Ion Ratio Lower Upper
43 100
74 14.0 17.3 25.9





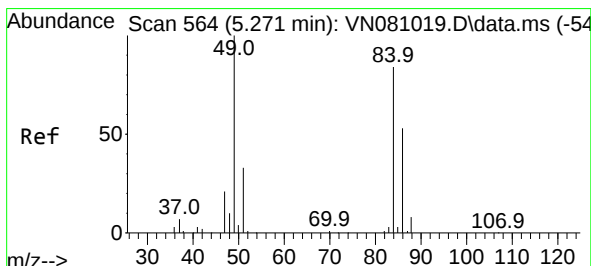
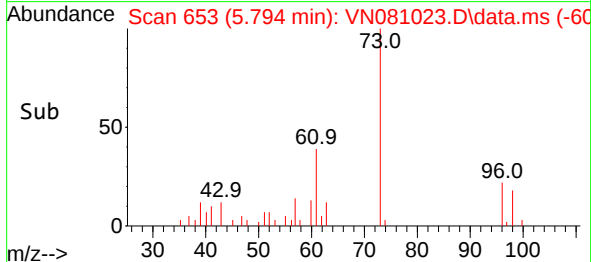
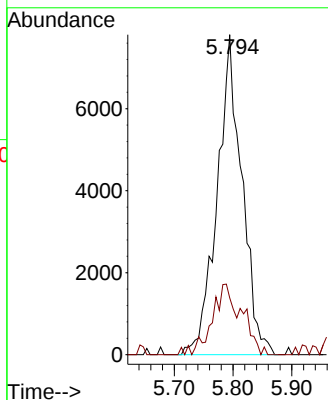
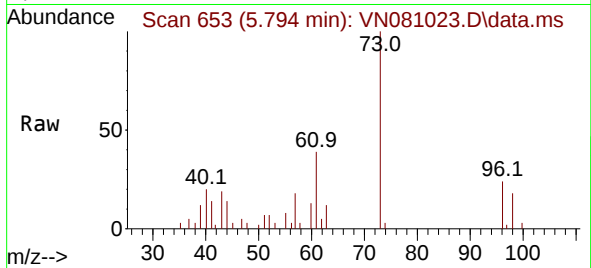
#19
Methyl tert-butyl Ether
Concen: 0.984 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 2289
Ion Ratio Lower Upper
73 100
57 17.7 18.2 27.4

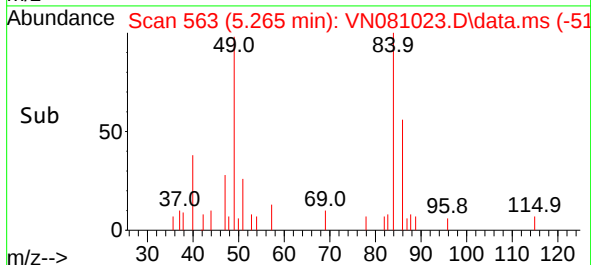
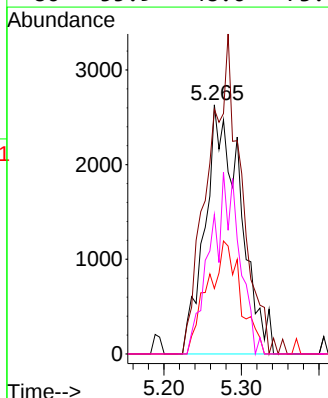
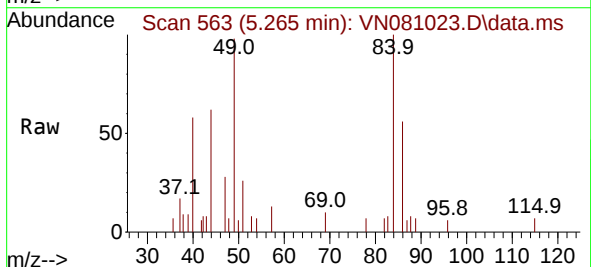
Manual Integrations
APPROVED

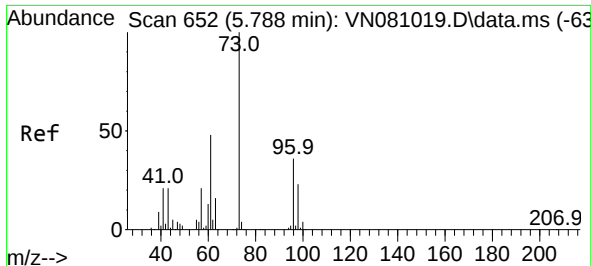
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#20
Methylene Chloride
Concen: 1.096 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

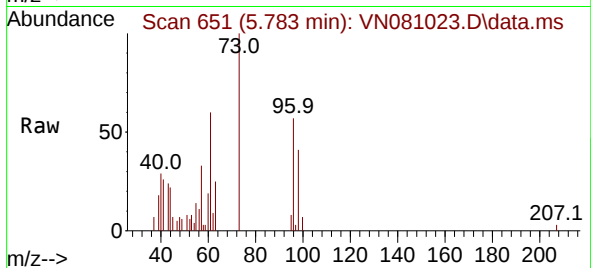
Tgt Ion: 84 Resp: 8413
Ion Ratio Lower Upper
84 100
49 98.3 108.1 162.1#
51 26.3 32.9 49.3#
86 55.9 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 1.054 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

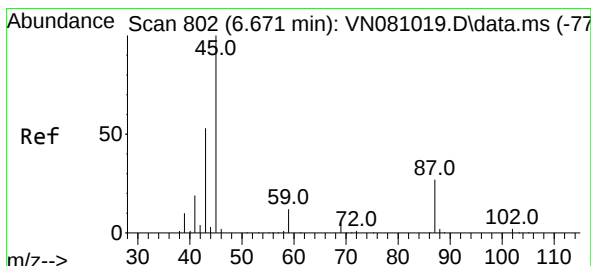
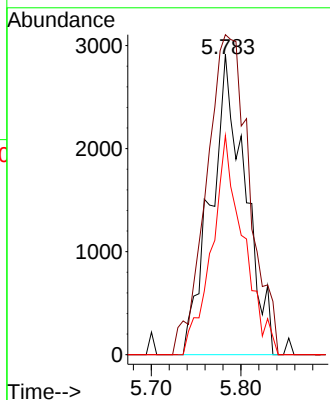
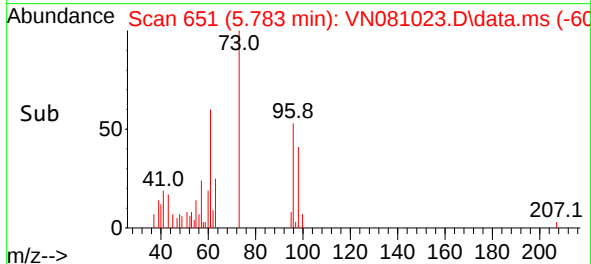
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 96 Resp: 7720
Ion Ratio Lower Upper
96 100
61 106.5 112.8 169.2#
98 72.9 51.0 76.4

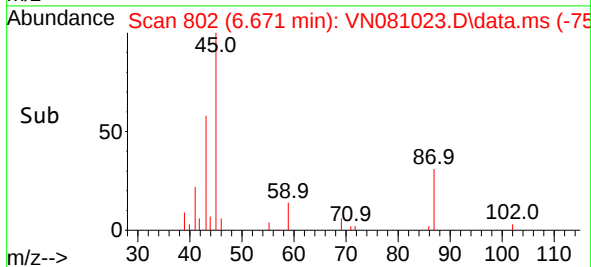
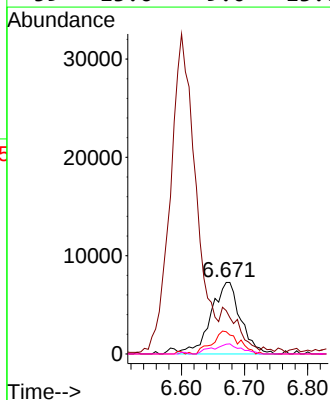
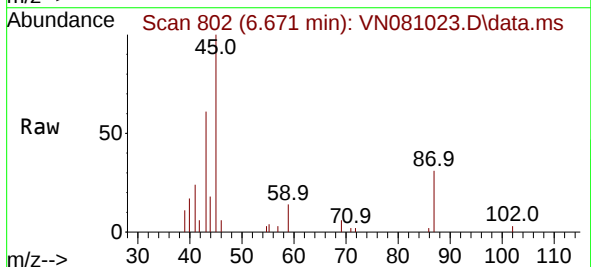
Manual Integrations
APPROVED

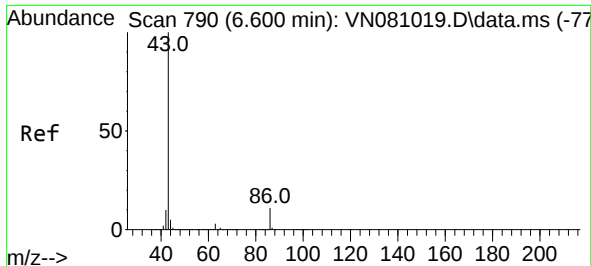
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#22
Diisopropyl ether
Concen: 0.994 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 45 Resp: 23617
Ion Ratio Lower Upper
45 100
43 52.4 41.8 62.8
87 31.2 18.1 27.1#
59 13.6 9.0 13.6#





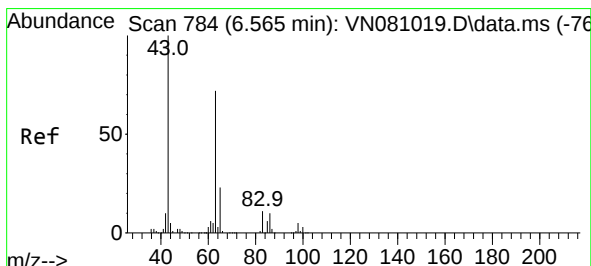
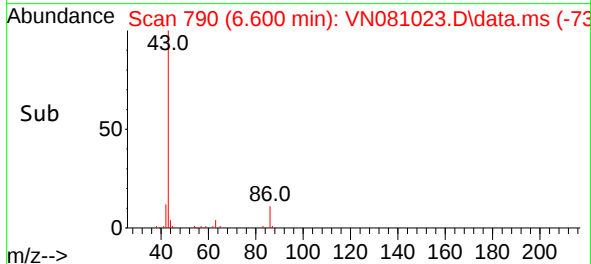
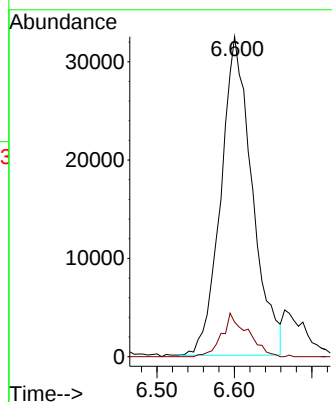
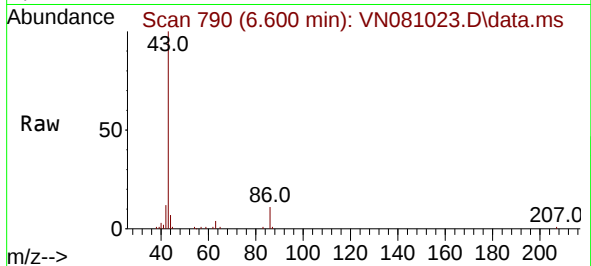
#23
 Vinyl Acetate
 Concen: 4.767 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 43 Resp: 91275
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

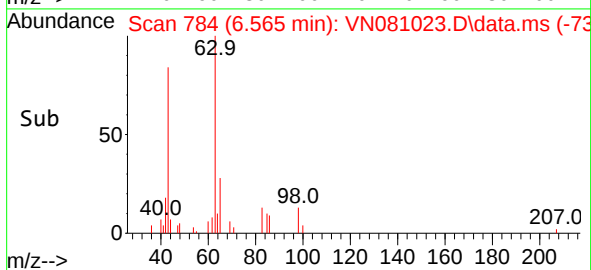
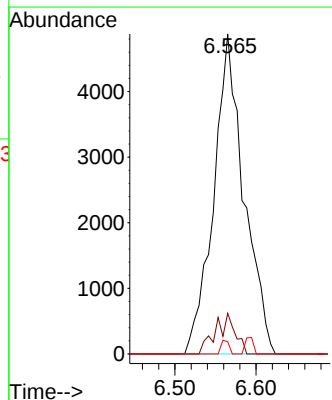
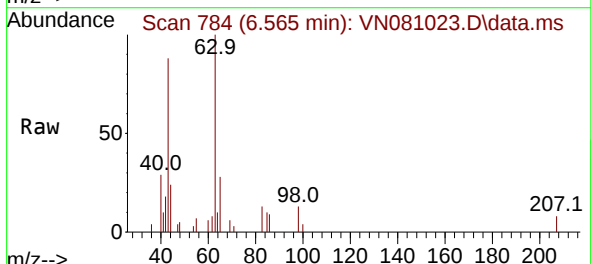
Manual Integrations
 APPROVED

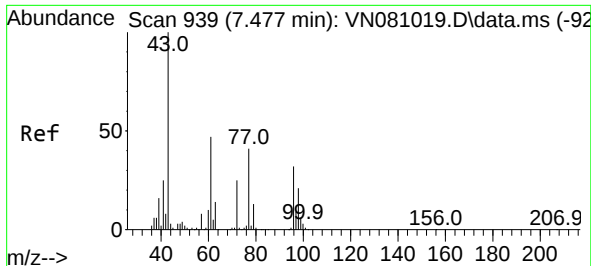
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#24
 1,1-Dichloroethane
 Concen: 0.955 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Tgt Ion: 63 Resp: 12653
 Ion Ratio Lower Upper
 63 100
 98 12.7 2.9 8.6#
 100 3.8 1.9 5.7





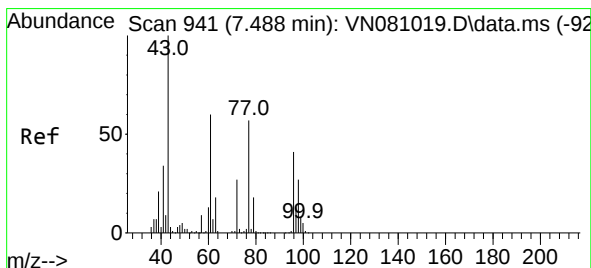
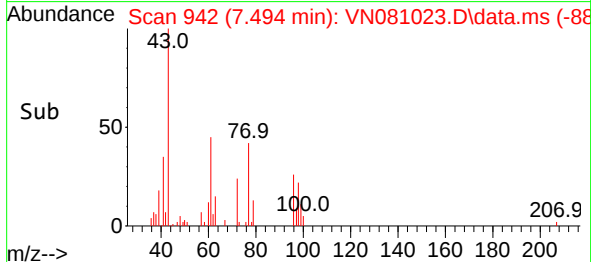
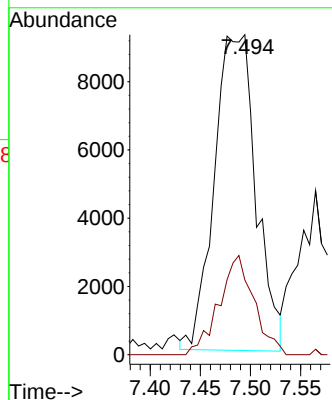
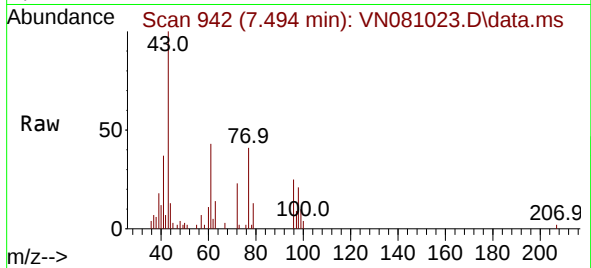
#25
2-Butanone
Concen: 5.592 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 26749
Ion Ratio Lower Upper
43 100
72 24.4 19.5 29.3

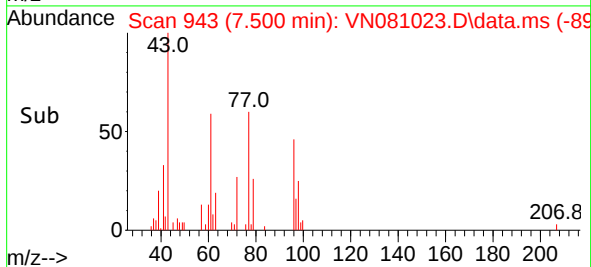
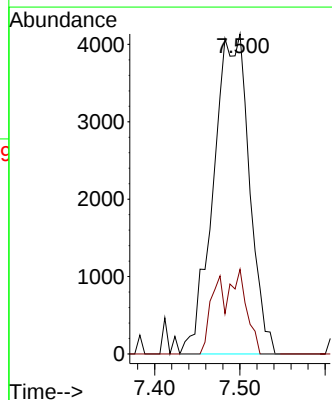
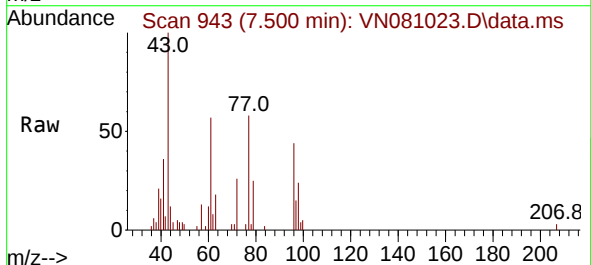
Manual Integrations
APPROVED

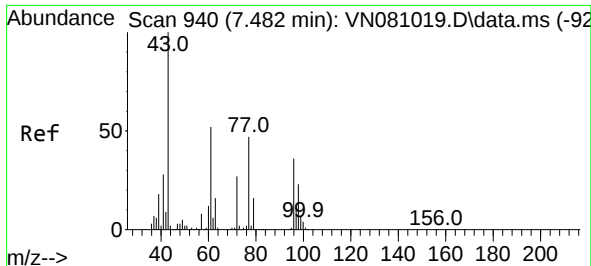
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#26
2,2-Dichloropropane
Concen: 0.991 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 77 Resp: 12086
Ion Ratio Lower Upper
77 100
97 12.2 11.5 34.5





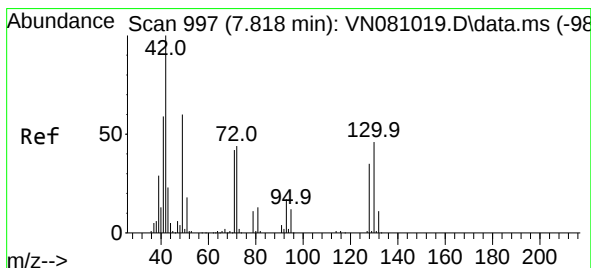
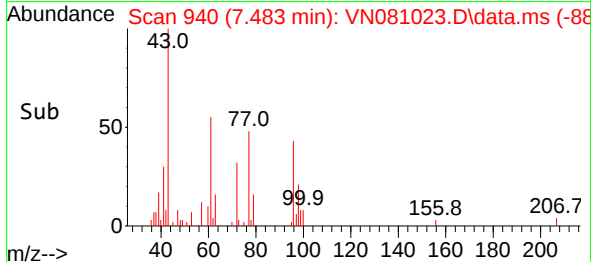
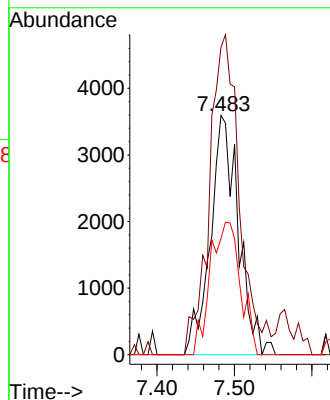
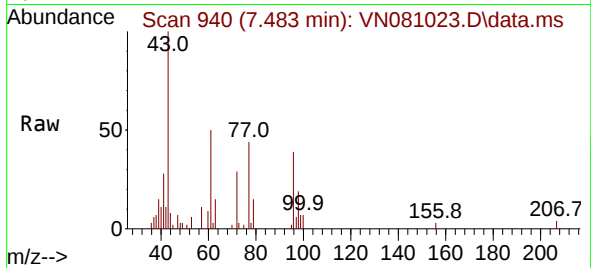
#27
 cis-1,2-Dichloroethene
 Concen: 1.069 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 96 Resp: 905
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 325.4
 98 59.5 0.0 130.4

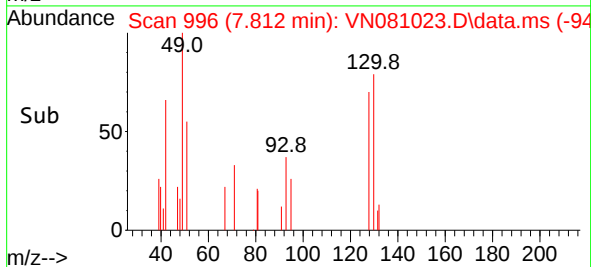
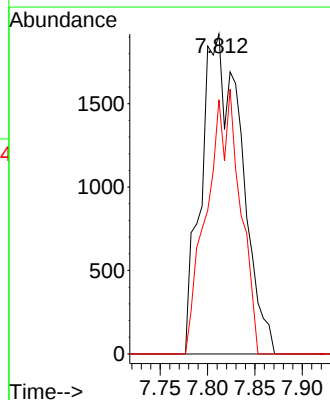
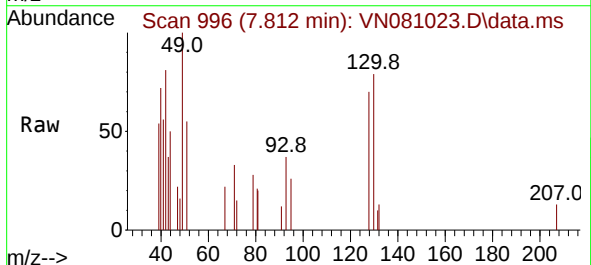
Manual Integrations
 APPROVED

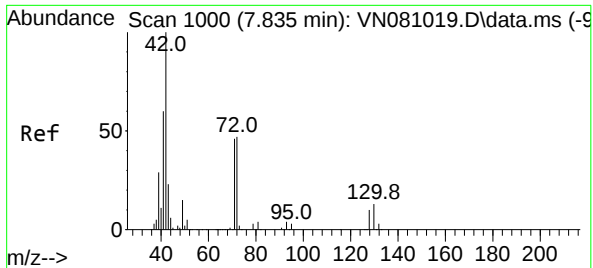
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#28
 Bromochloromethane
 Concen: 1.057 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Tgt Ion: 49 Resp: 5654
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 1.6
 130 68.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 4.885 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

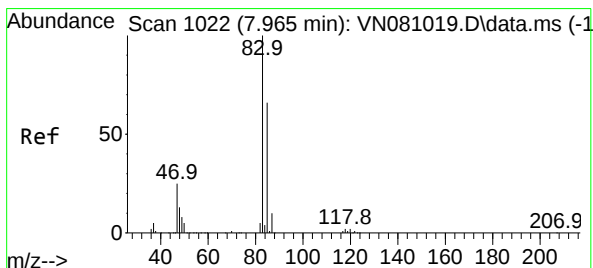
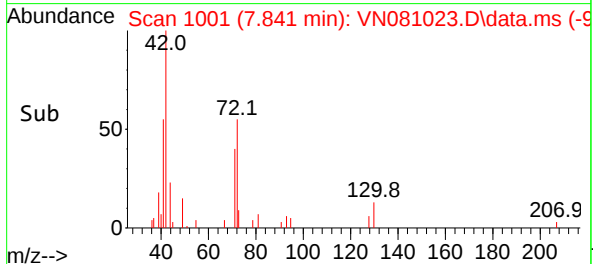
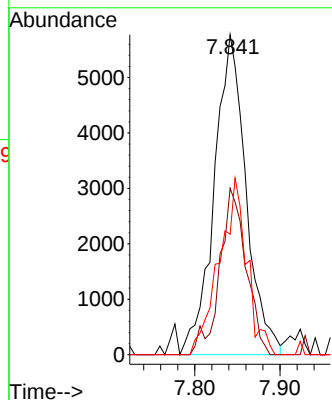
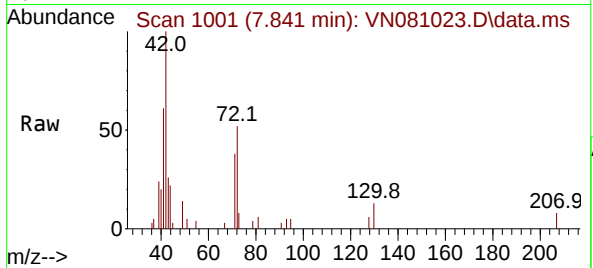
Tgt Ion:	42	Resp:	1501
Ion Ratio	Lower	Upper	
42	100		
72	43.2	31.1	46.7
71	47.9	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#30

Chloroform

Concen: 1.036 ug/l

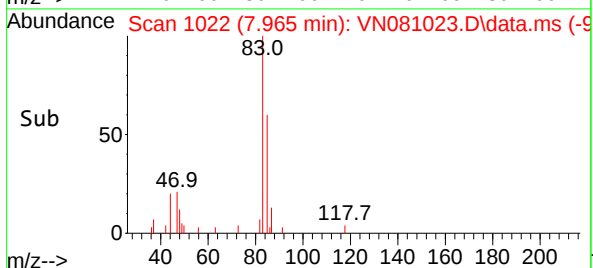
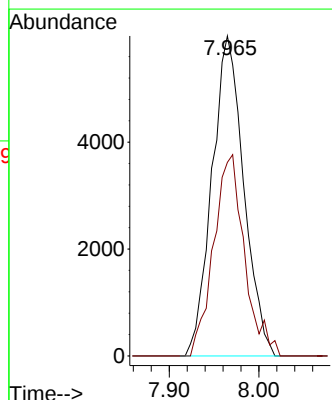
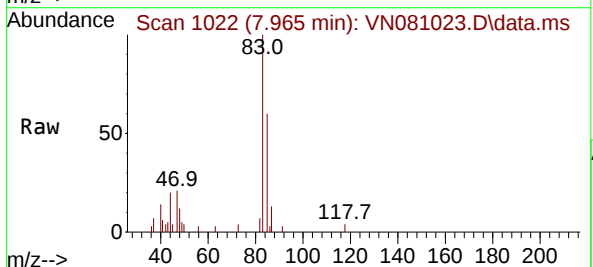
RT: 7.965 min Scan# 1022

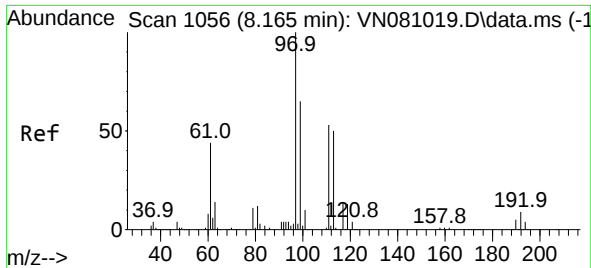
Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Tgt Ion:	83	Resp:	14726
Ion Ratio	Lower	Upper	
83	100		
85	60.5	51.0	76.6





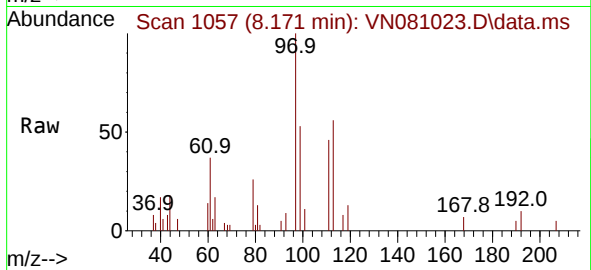
#32
1,1,1-Trichloroethane
Concen: 1.034 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



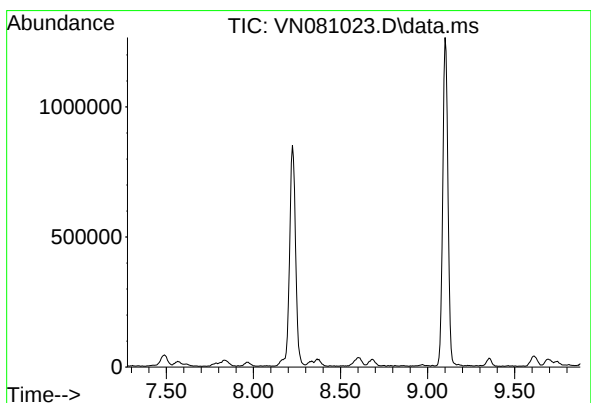
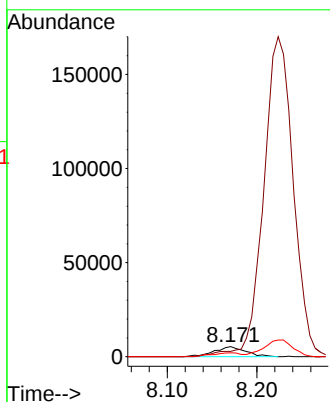
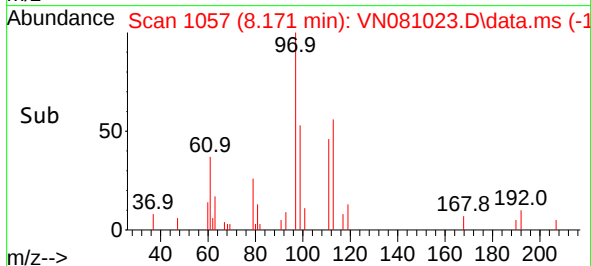
Tgt Ion: 97 Resp: 1297
Ion Ratio Lower Upper
97 100
99 0.0 53.4 80.0
61 37.0 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

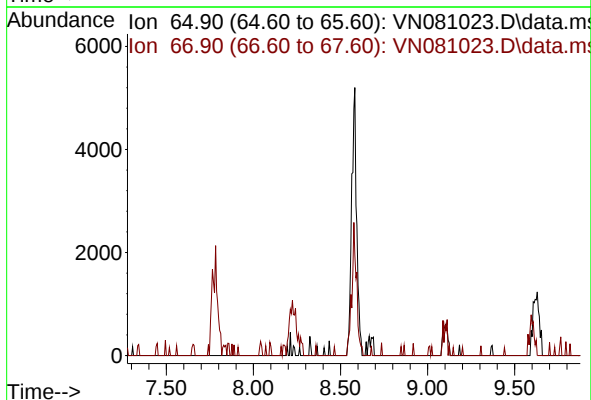
Supervised By :Mahesh Dadoda 02/15/2024

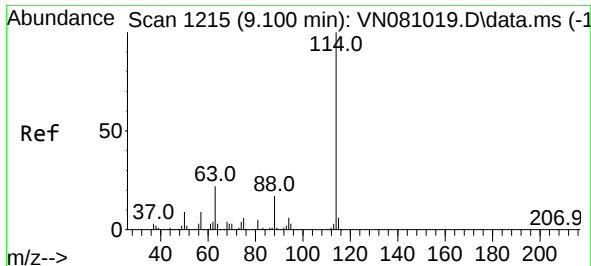


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.58 min

Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 65
Sig Exp Ratio
65 100
67 51.2





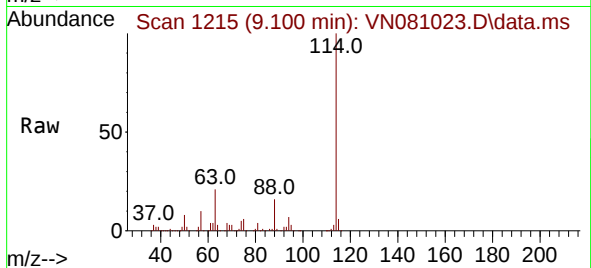
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



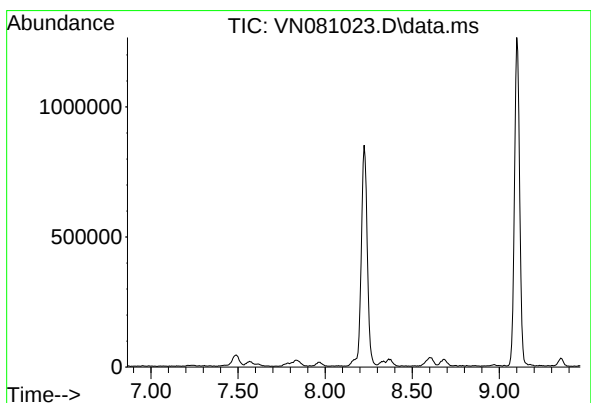
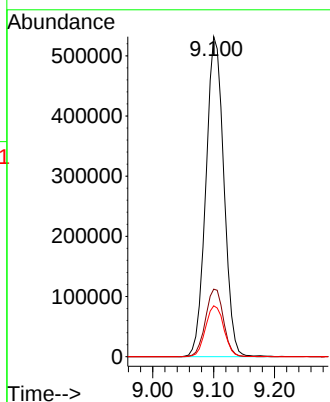
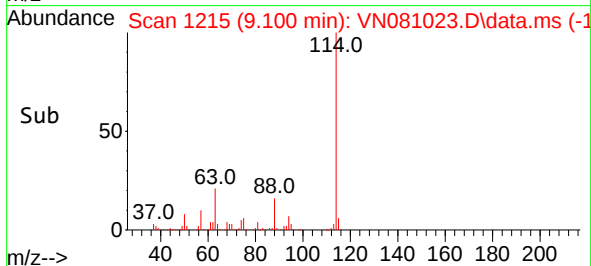
Tgt Ion:114 Resp: 1090249
Ion Ratio Lower Upper
114 100
63 21.1 0.0 48.0
88 15.9 0.0 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

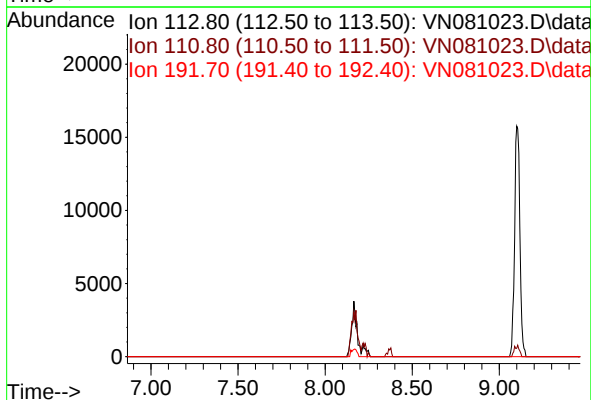
Supervised By :Mahesh Dadoda 02/15/2024

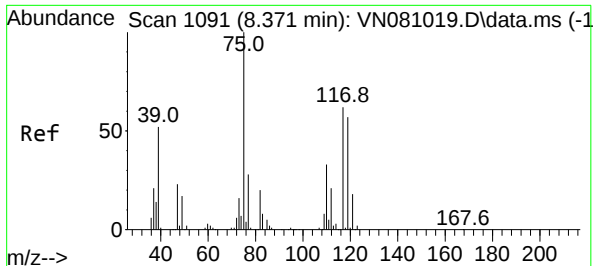


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.16 min

Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.8
192 15.6





#36

1,1-Dichloropropene

Concen: 0.964 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

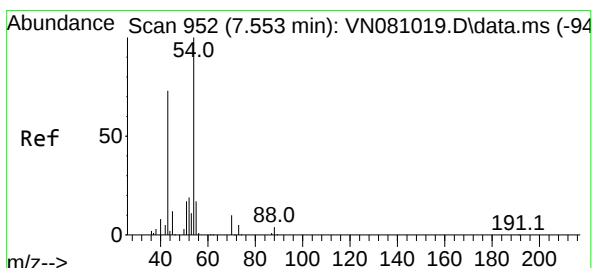
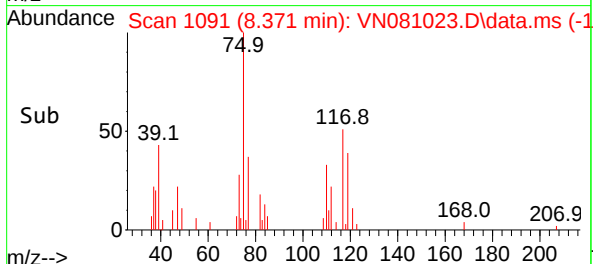
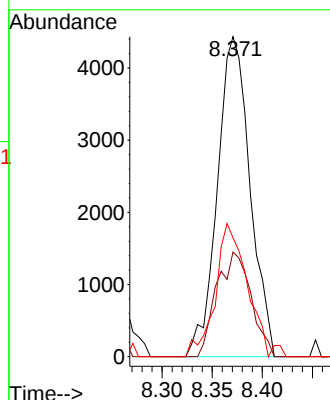
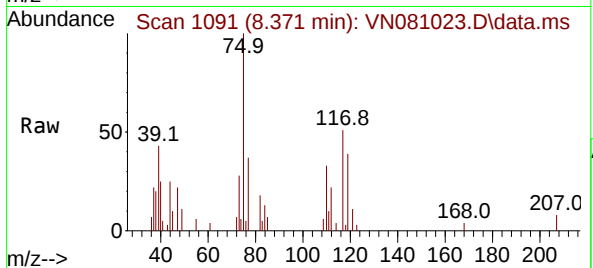
Tgt Ion:	75	Resp:	1005
Ion Ratio	Lower	Upper	
75	100		
110	34.5	16.0	48.0
77	41.0	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#37

Ethyl Acetate

Concen: 0.994 ug/l

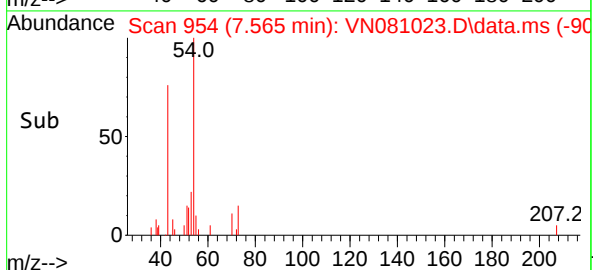
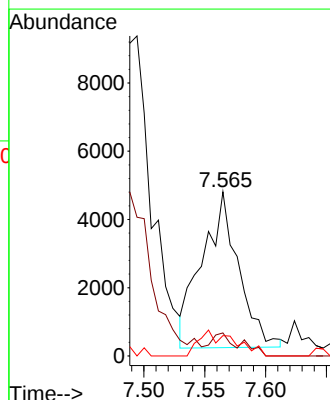
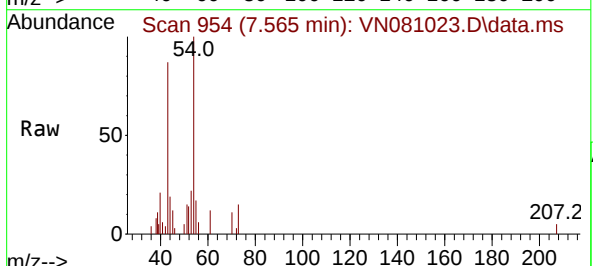
RT: 7.565 min Scan# 954

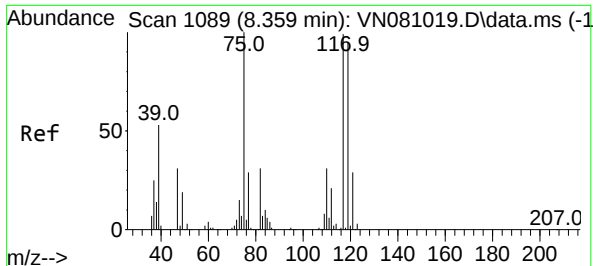
Delta R.T. 0.012 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

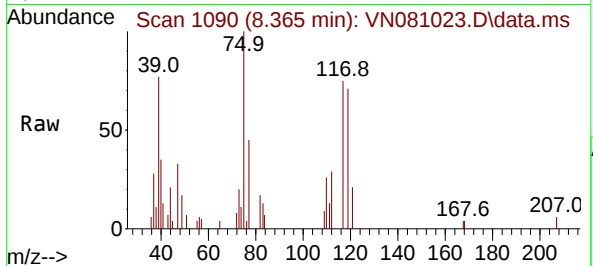
Tgt Ion:	43	Resp:	9488
Ion Ratio	Lower	Upper	
43	100		
61	4.4	10.6	15.8#
70	16.2	8.0	12.0#





#38
Carbon Tetrachloride
Concen: 0.799 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

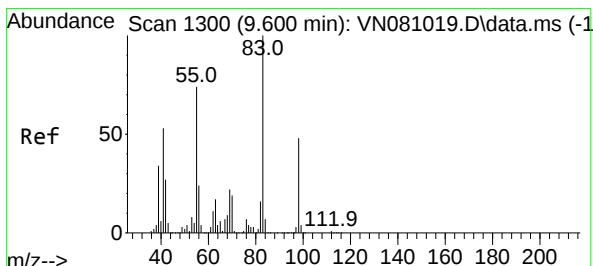
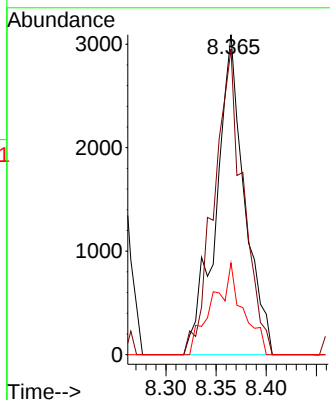
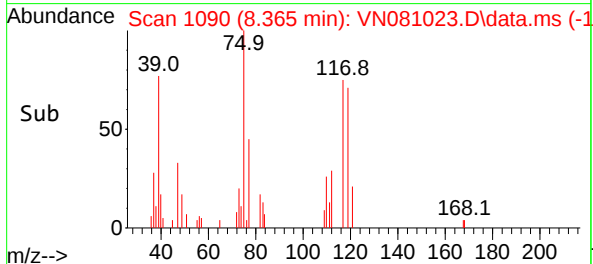
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 6100
Ion Ratio Lower Upper
117 100
119 95.6 73.4 110.2
121 28.6 24.4 36.6

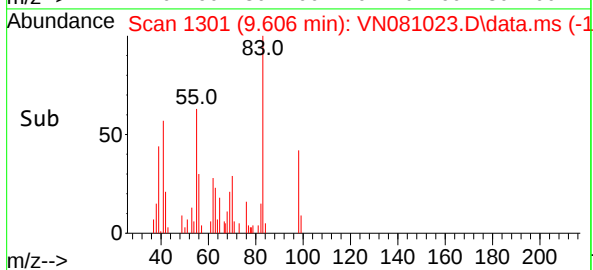
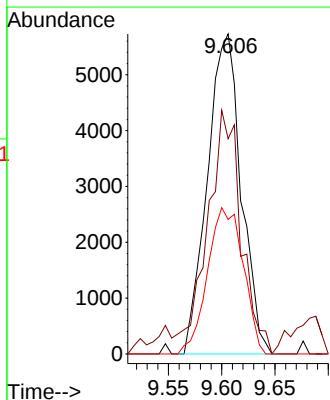
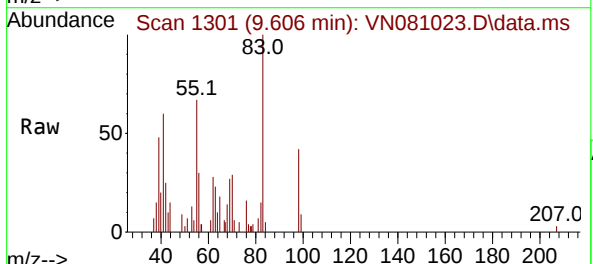
Manual Integrations
APPROVED

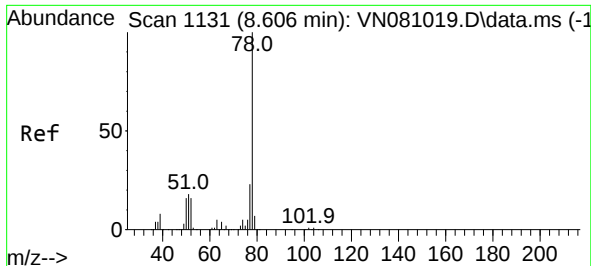
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#39
Methylcyclohexane
Concen: 0.986 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 83 Resp: 12657
Ion Ratio Lower Upper
83 100
55 64.6 65.7 98.5#
98 42.1 33.8 50.6





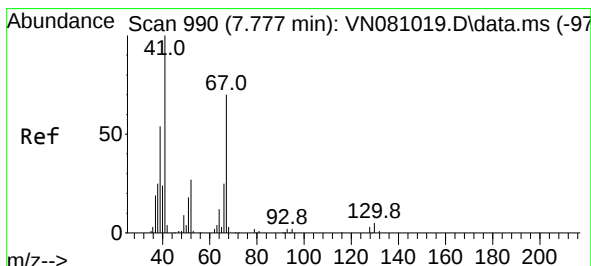
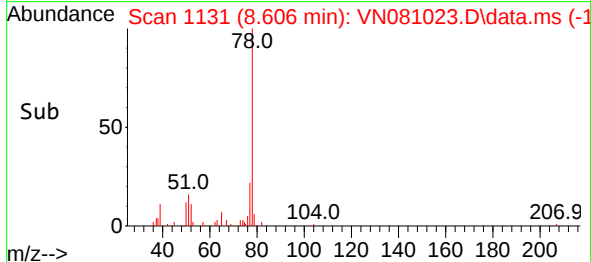
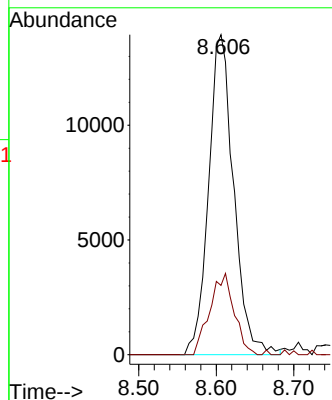
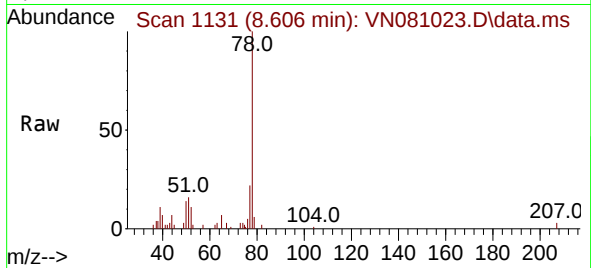
#40
Benzene
Concen: 1.017 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 31374
Ion Ratio Lower Upper
78 100
77 21.7 20.4 30.6

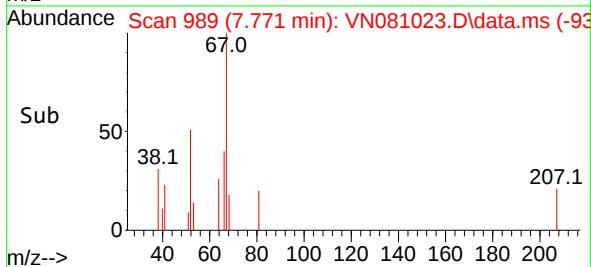
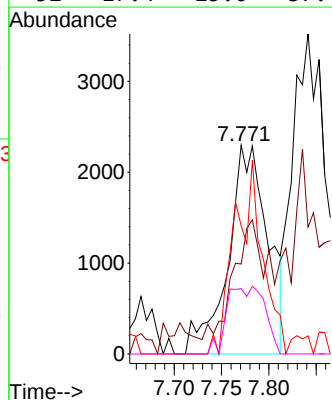
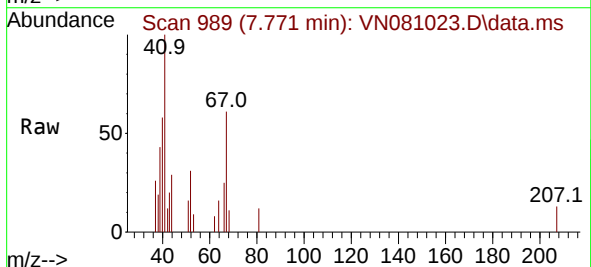
Manual Integrations
APPROVED

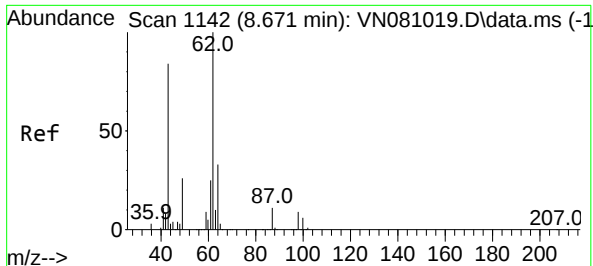
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#41
Methacrylonitrile
Concen: 1.162 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 41 Resp: 6729
Ion Ratio Lower Upper
41 100
39 52.5 48.4 72.6
67 65.7 56.8 85.2
52 17.4 25.0 37.4#





#42

1,2-Dichloroethane

Concen: 1.080 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.006 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 11819

Ion Ratio Lower Upper

62 100

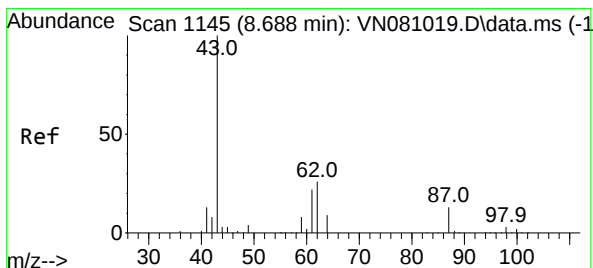
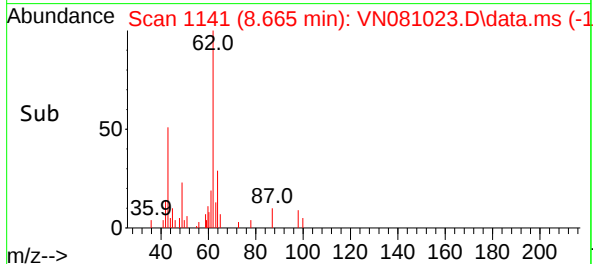
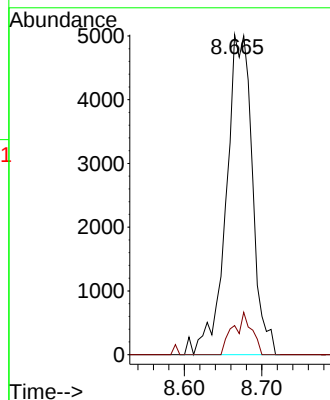
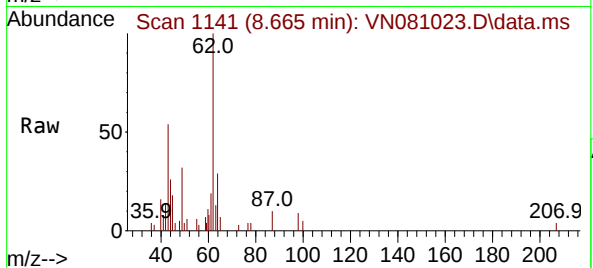
98 9.4 0.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#43

Isopropyl Acetate

Concen: 1.074 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

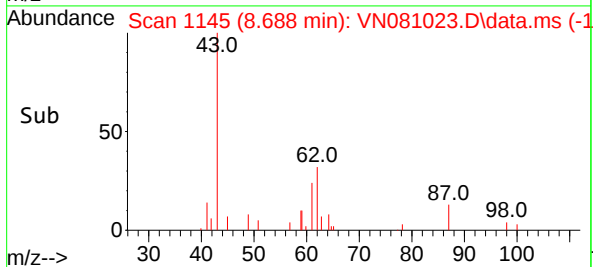
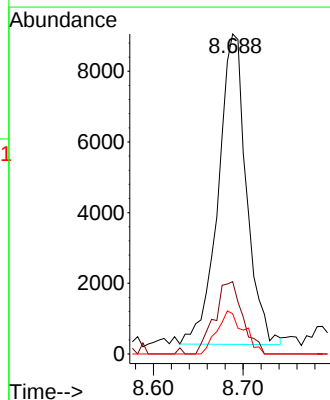
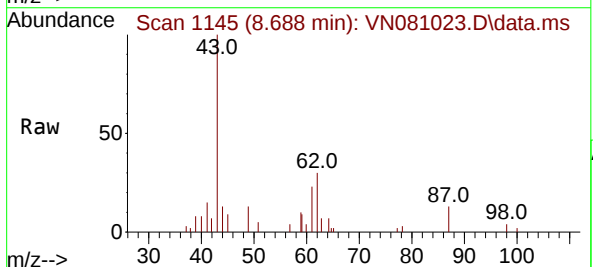
Tgt Ion: 43 Resp: 19206

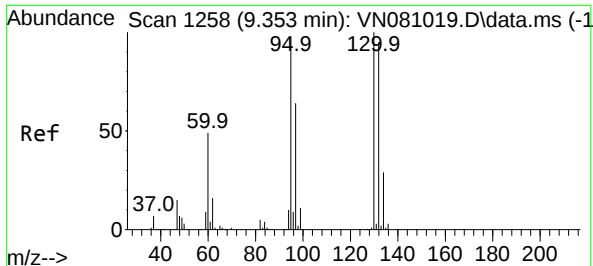
Ion Ratio Lower Upper

43 100

61 23.1 19.9 29.9

87 13.0 9.0 13.6





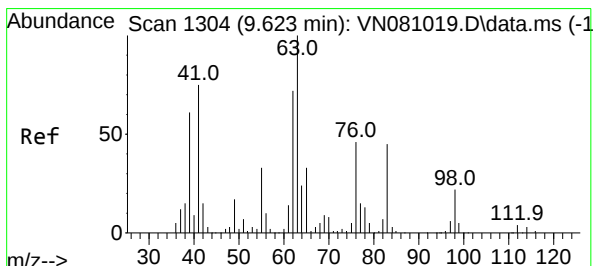
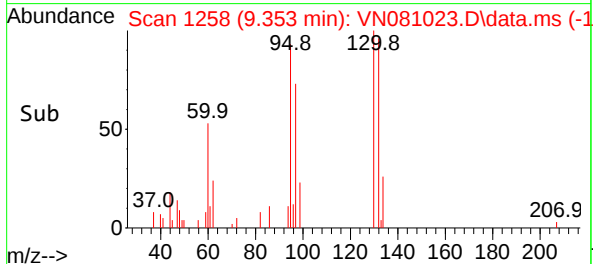
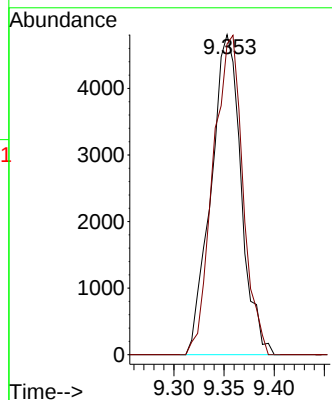
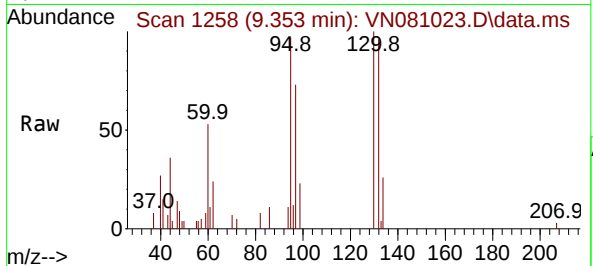
#44
Trichloroethene
Concen: 1.098 ug/l
RT: 9.353 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:130 Resp: 10034
Ion Ratio Lower Upper
130 100
95 97.1 0.0 210.4

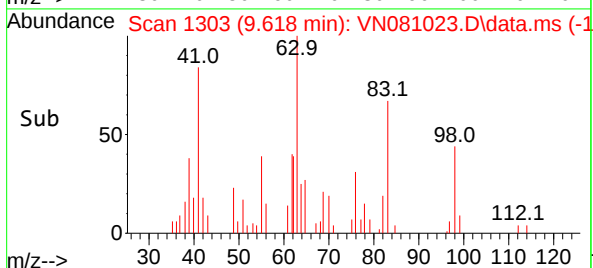
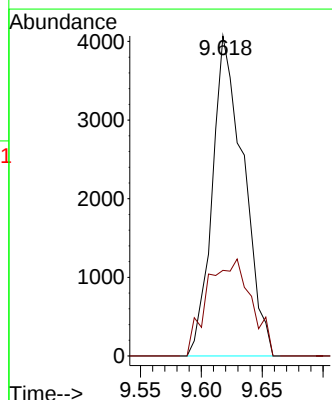
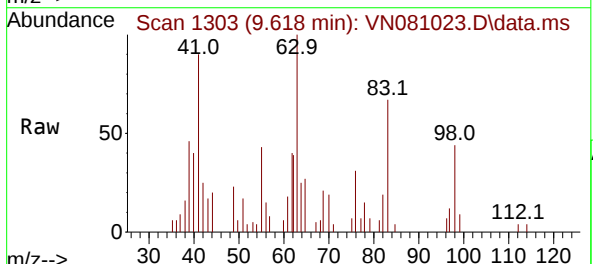
Manual Integrations
APPROVED

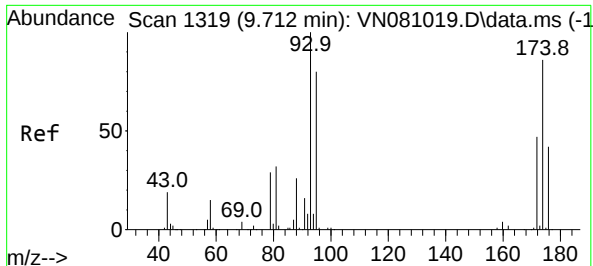
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#45
1,2-Dichloropropane
Concen: 0.953 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

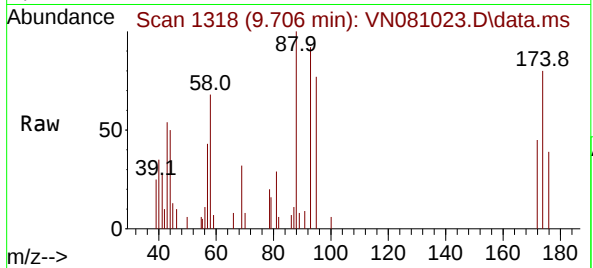
Tgt Ion: 63 Resp: 7270
Ion Ratio Lower Upper
63 100
65 26.8 26.1 39.1





#46
Dibromomethane
Concen: 1.034 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

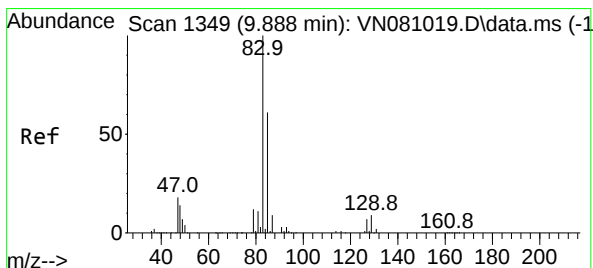
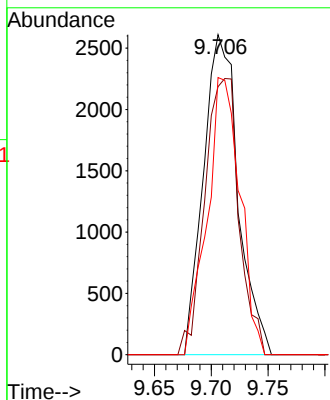
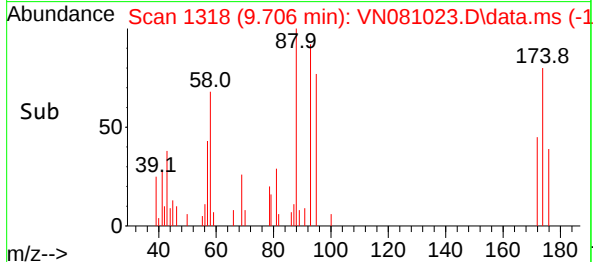
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



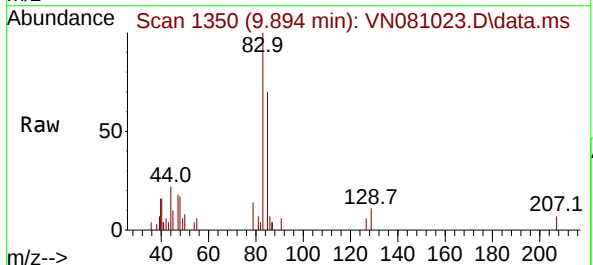
Tgt Ion: 93 Resp: 556
Ion Ratio Lower Upper
93 100
95 84.8 68.1 102.1
174 81.5 57.2 85.8

Manual Integrations
APPROVED

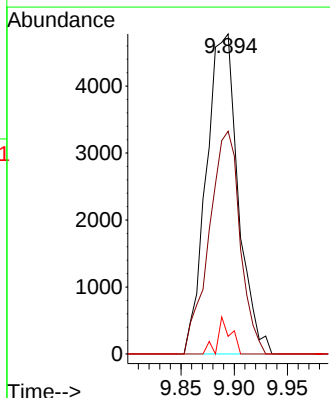
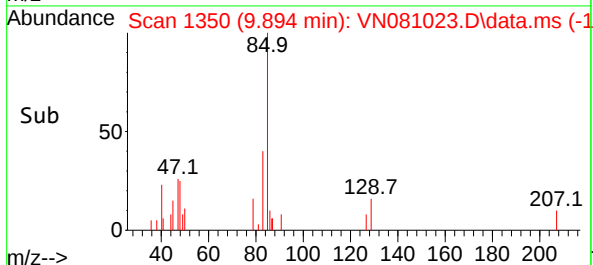
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

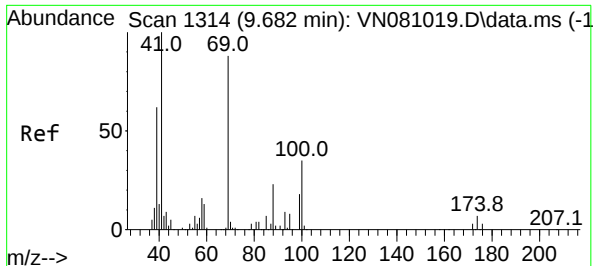


#47
Bromodichloromethane
Concen: 0.943 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49



Tgt Ion: 83 Resp: 9948
Ion Ratio Lower Upper
83 100
85 69.6 52.3 78.5
127 5.5 4.6 7.0





#48

Methyl methacrylate

Concen: 1.115 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 938

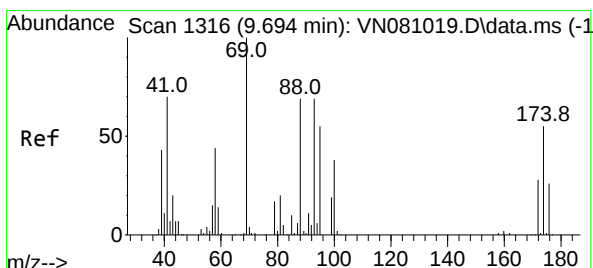
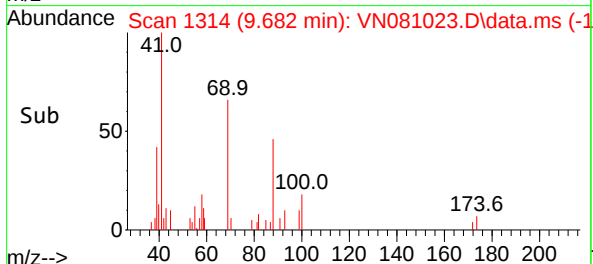
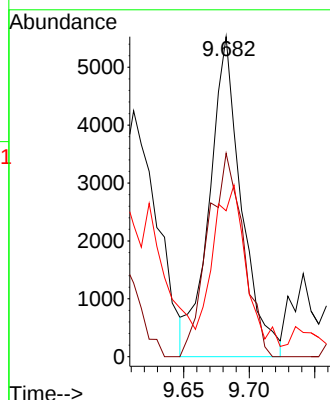
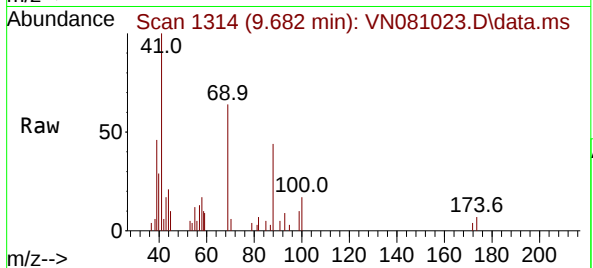
Ion	Ratio	Lower	Upper
41	100		
69	70.4	62.2	93.2
39	50.6	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#49

1,4-Dioxane

Concen: 37.100 ug/l

RT: 9.694 min Scan# 1316

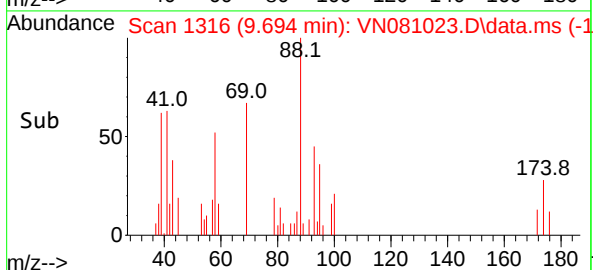
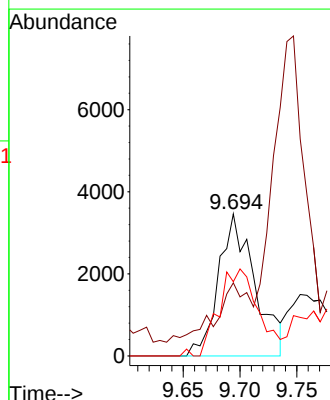
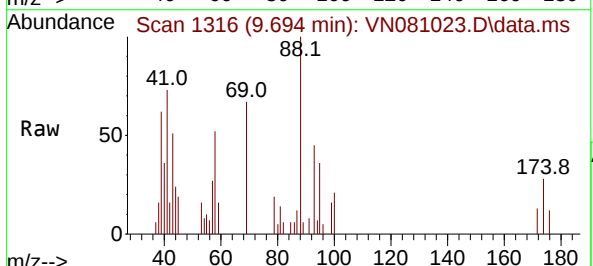
Delta R.T. 0.000 min

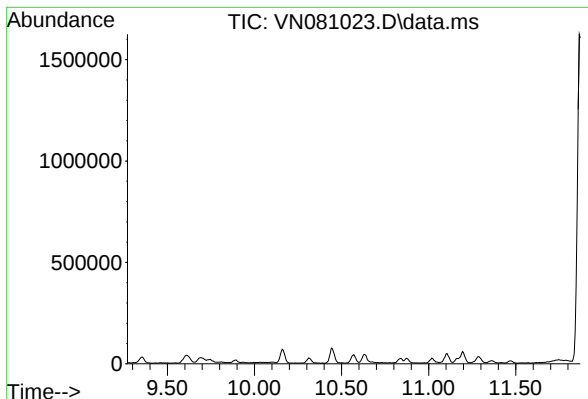
Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Tgt Ion: 88 Resp: 7684

Ion	Ratio	Lower	Upper
88	100		
43	38.9	30.1	45.1
58	66.8	63.9	95.9





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.57 min

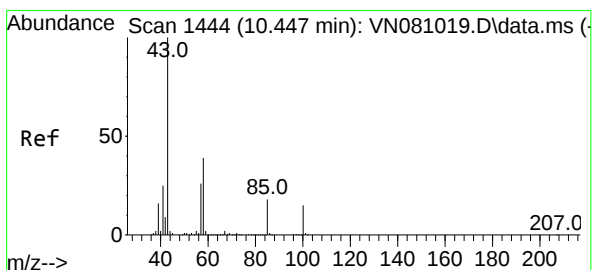
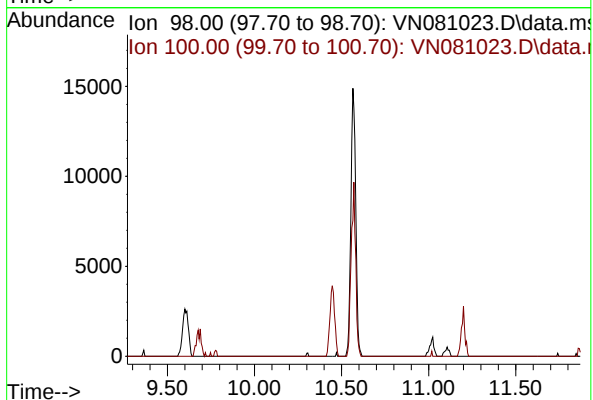
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 64.2

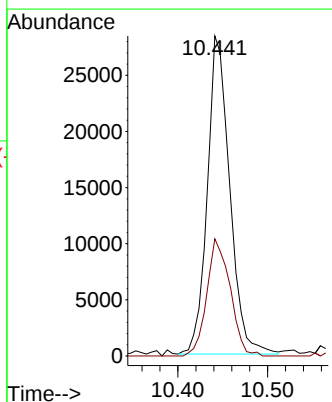
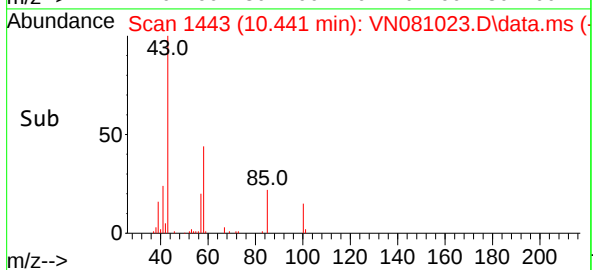
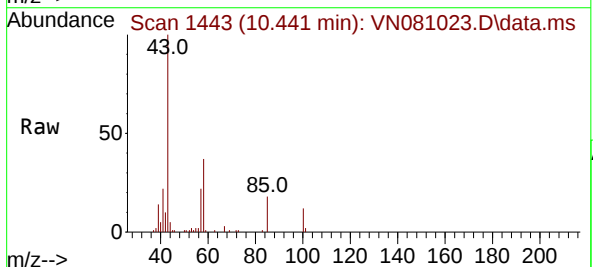
Manual Integrations
APPROVED

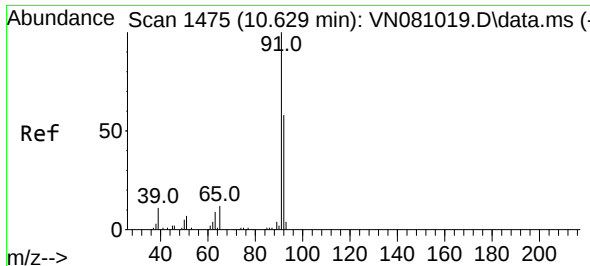
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#51
4-Methyl-2-Pentanone
Concen: 4.944 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 43 Resp: 49281
Ion Ratio Lower Upper
43 100
58 38.2 29.4 44.0





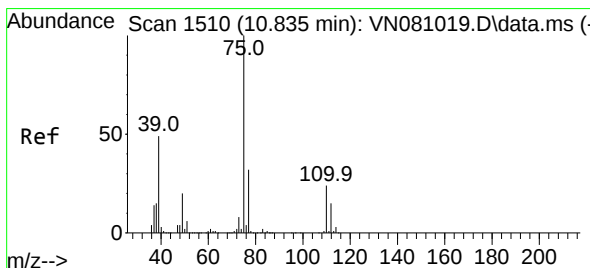
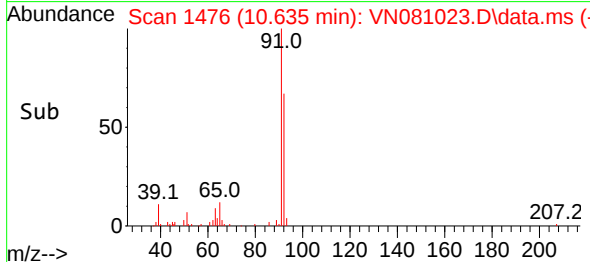
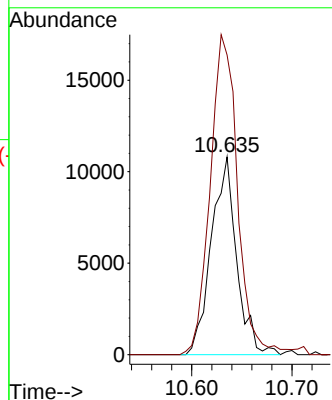
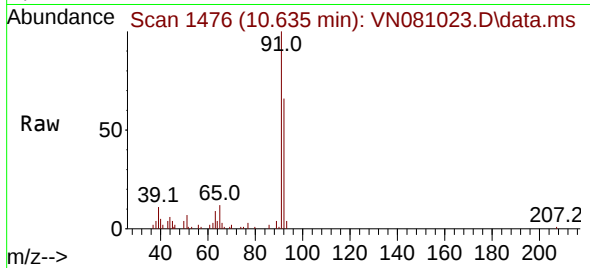
#52
Toluene
Concen: 0.988 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 92 Resp: 1904
Ion Ratio Lower Upper
92 100
91 174.2 139.4 209.0

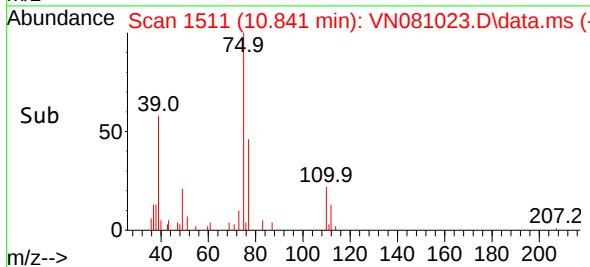
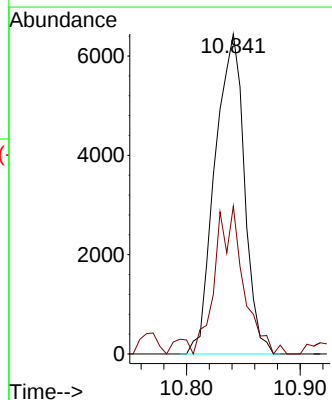
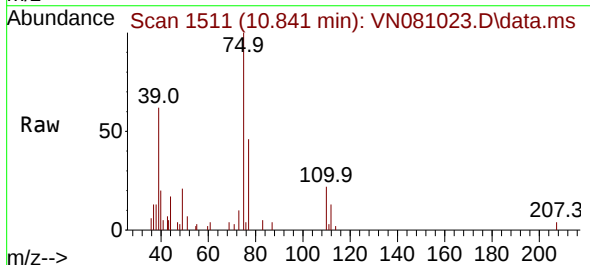
Manual Integrations
APPROVED

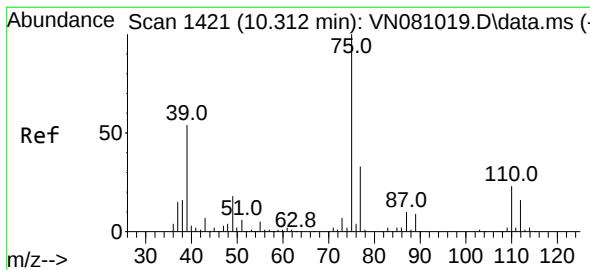
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#53
t-1,3-Dichloropropene
Concen: 0.928 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 75 Resp: 11539
Ion Ratio Lower Upper
75 100
77 43.4 25.5 38.3#





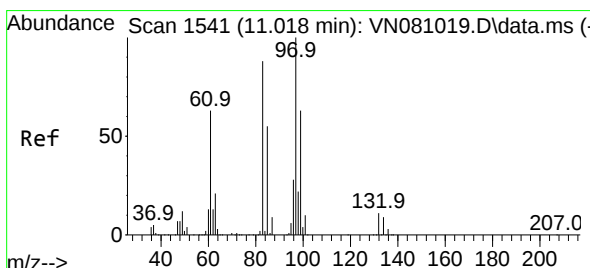
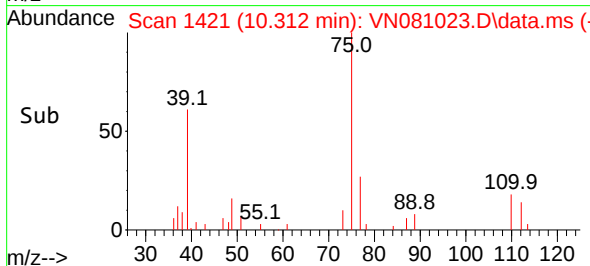
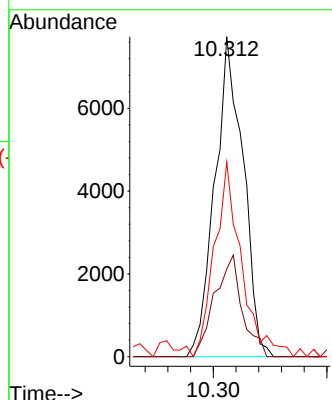
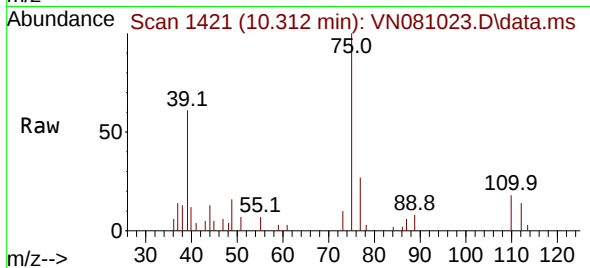
#54
 cis-1,3-Dichloropropene
 Concen: 1.014 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 1334
 Ion Ratio Lower Upper
 75 100
 77 27.4 23.3 34.9
 39 58.7 44.6 66.8

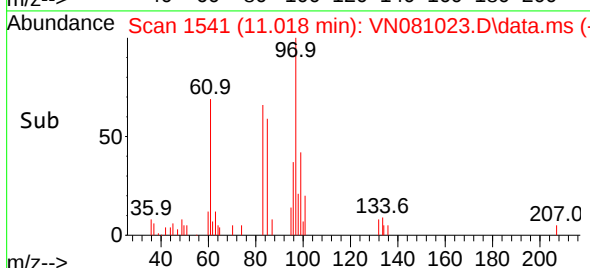
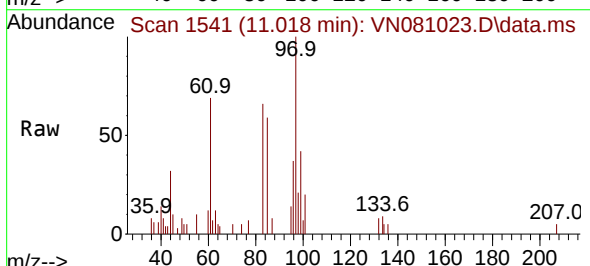
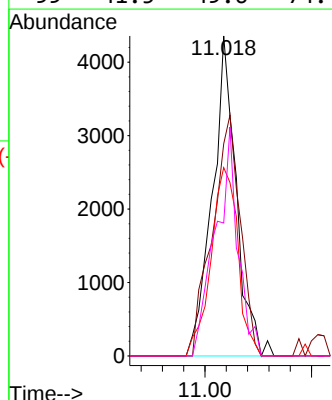
Manual Integrations
 APPROVED

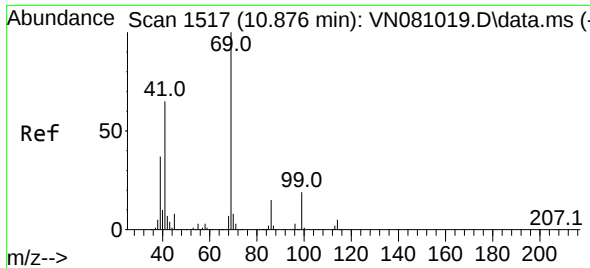
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#55
 1,1,2-Trichloroethane
 Concen: 0.939 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Tgt Ion: 97 Resp: 6803
 Ion Ratio Lower Upper
 97 100
 83 66.3 72.9 109.3#
 85 58.9 50.2 75.2
 99 41.5 49.6 74.4#





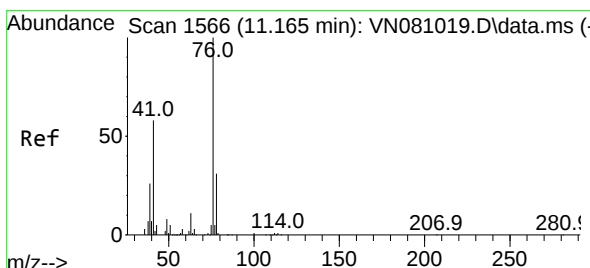
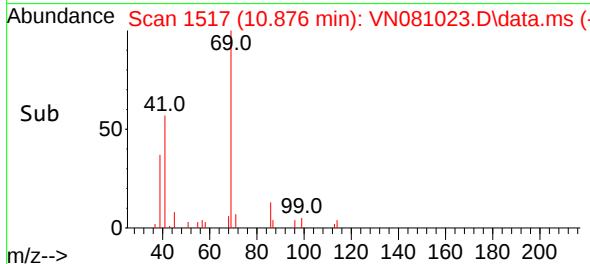
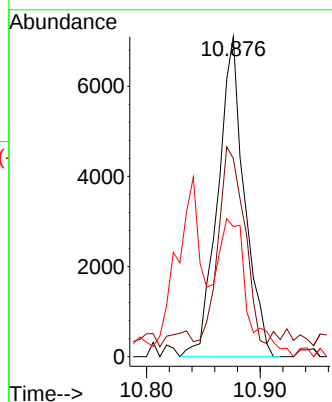
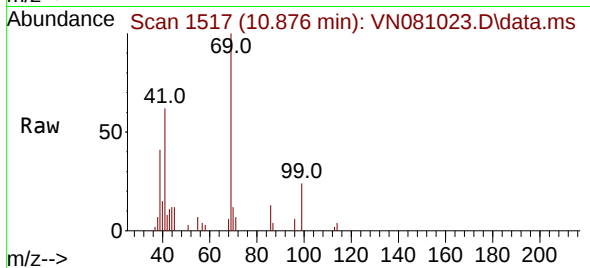
#56
Ethyl methacrylate
Concen: 0.978 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 1159
Ion Ratio Lower Upper
69 100
41 62.1 61.0 91.6
39 49.4 31.8 47.6

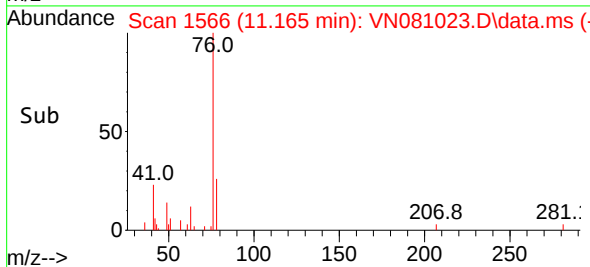
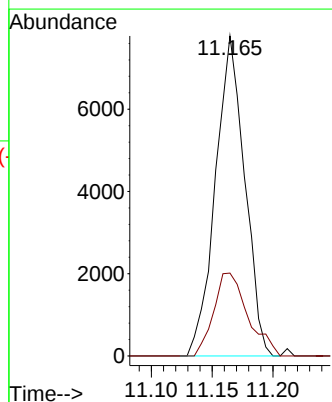
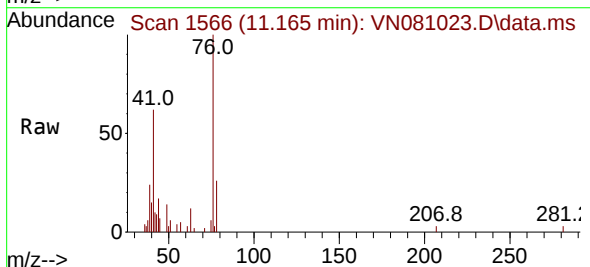
Manual Integrations
APPROVED

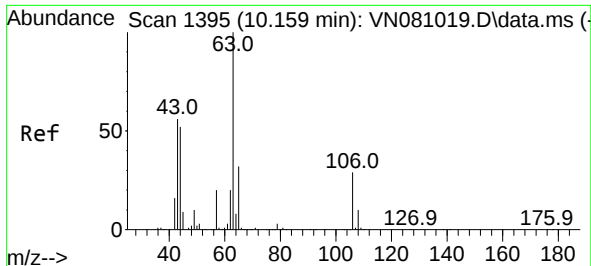
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#57
1,3-Dichloropropane
Concen: 1.005 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 76 Resp: 13010
Ion Ratio Lower Upper
76 100
78 30.3 25.5 38.3





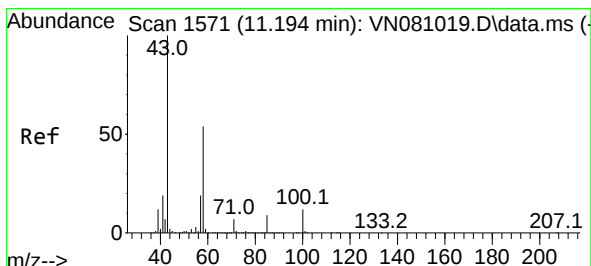
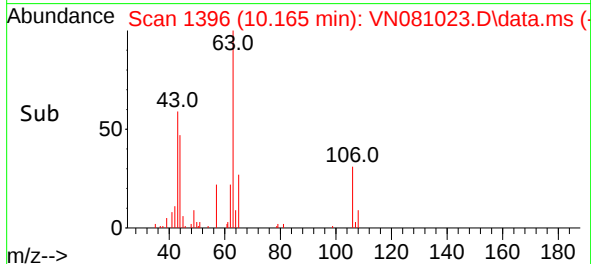
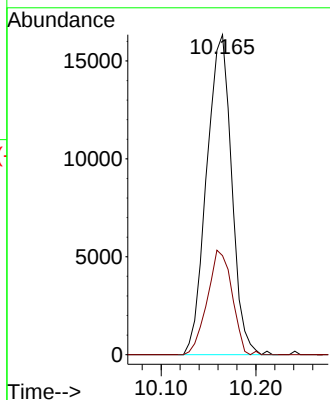
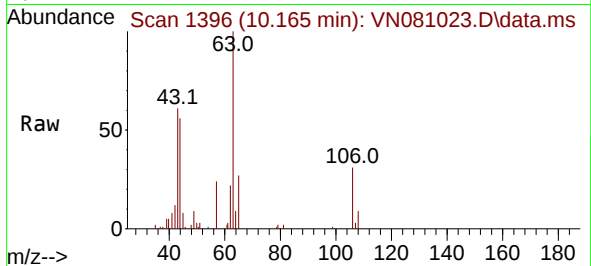
#58
2-Chloroethyl Vinyl ether
Concen: 5.096 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 29994
Ion Ratio Lower Upper
63 100
106 32.3 18.6 28.0

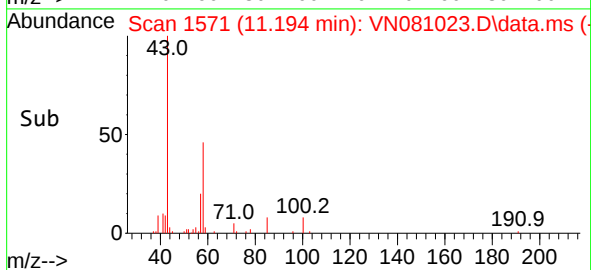
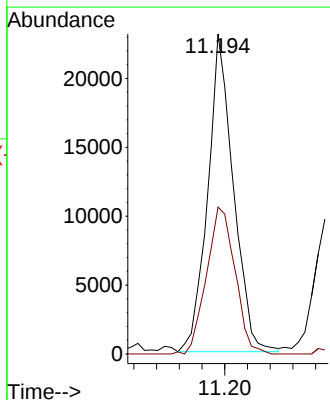
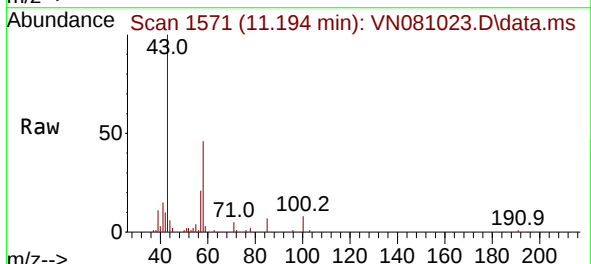
Manual Integrations
APPROVED

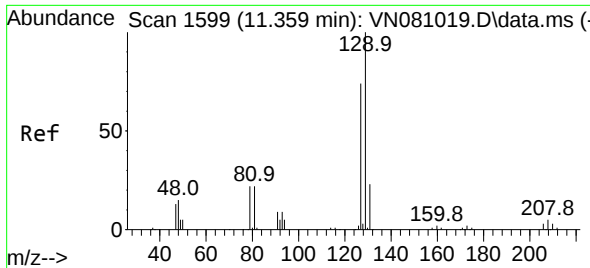
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#59
2-Hexanone
Concen: 4.939 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 43 Resp: 36160
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8





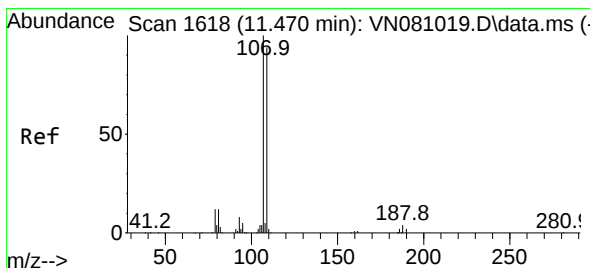
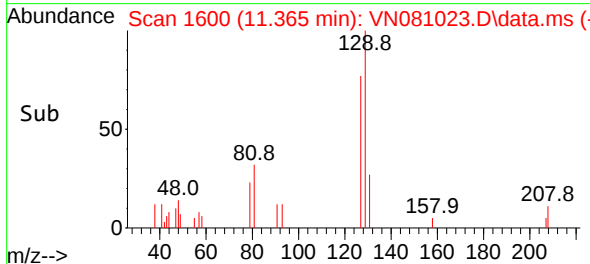
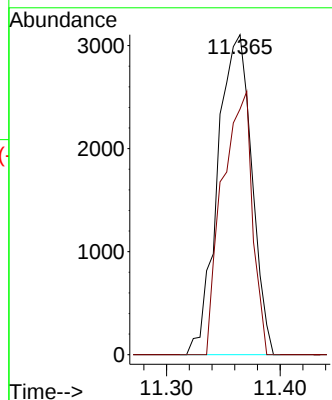
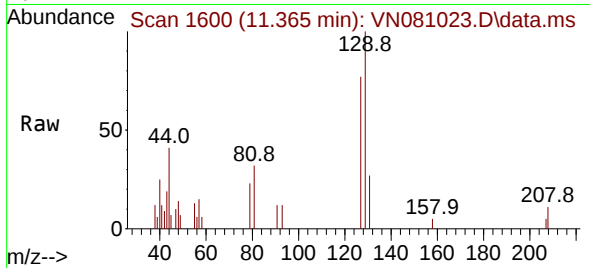
#60
Dibromochloromethane
Concen: 0.939 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:129 Resp: 6469
Ion Ratio Lower Upper
129 100
127 72.1 39.4 118.2

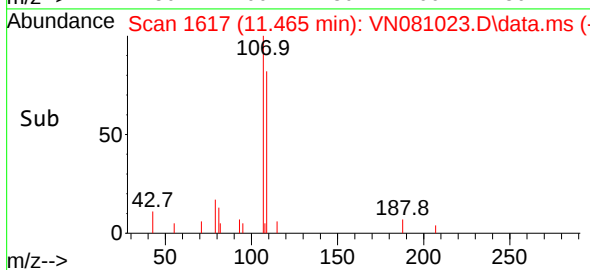
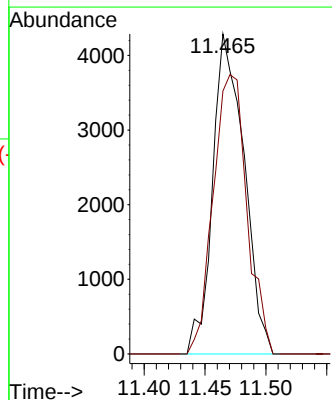
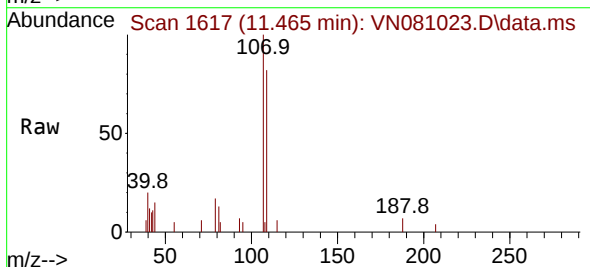
Manual Integrations
APPROVED

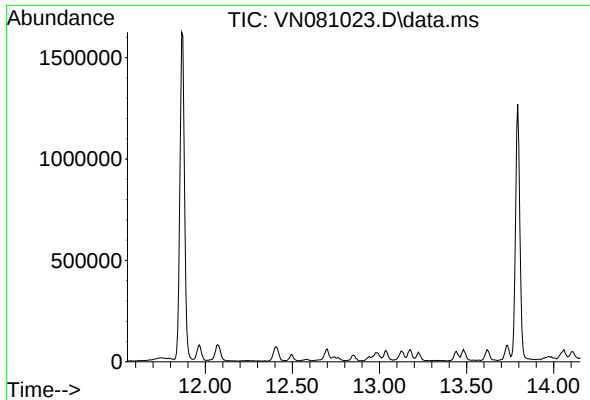
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#61
1,2-Dibromoethane
Concen: 1.010 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion:107 Resp: 7695
Ion Ratio Lower Upper
107 100
109 93.7 73.4 110.2





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

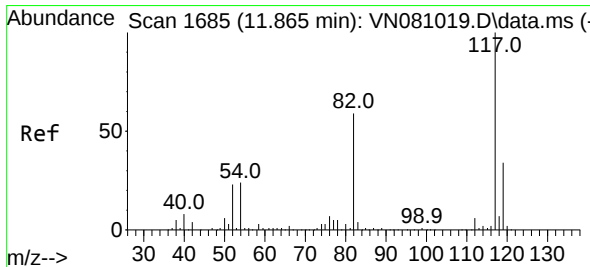
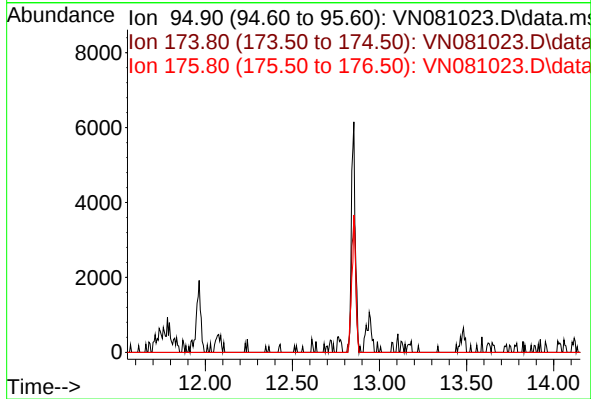
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95

Sig	Exp	Ratio
95	100	
174	60.2	
176	60.5	

Manual Integrations
APPROVED

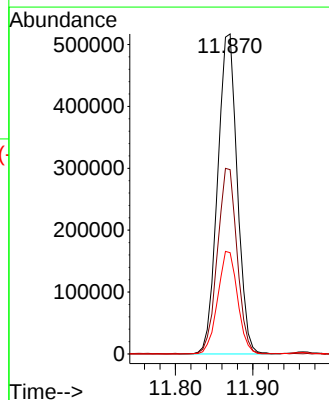
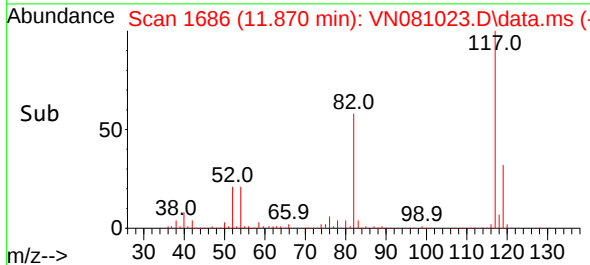
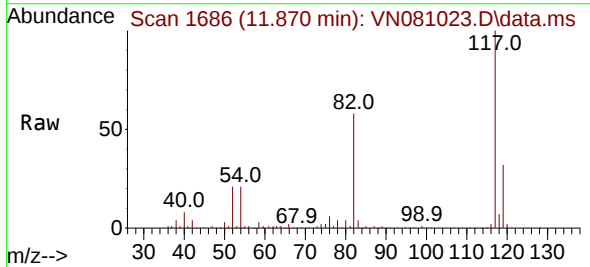
Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

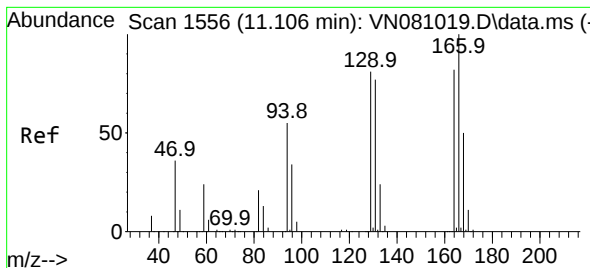


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Tgt Ion: 117 Resp: 912774

Ion	Ratio	Lower	Upper
117	100		
82	57.5	52.7	79.1
119	31.6	25.3	37.9





#64

Tetrachloroethene

Concen: 0.994 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:164 Resp: 9245

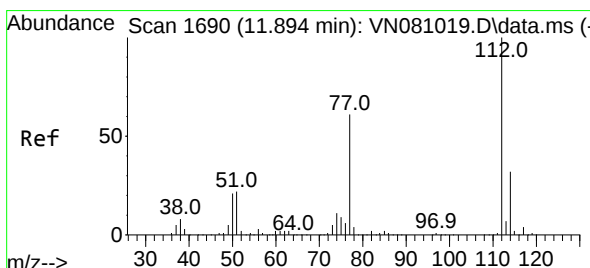
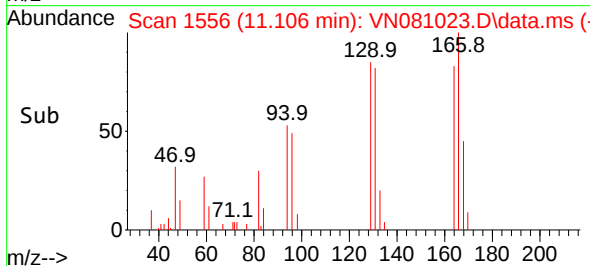
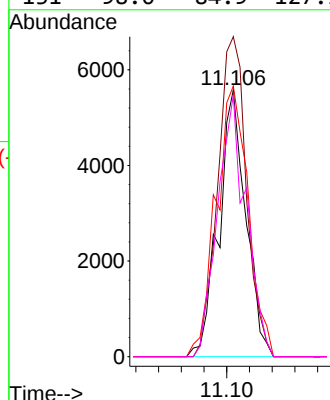
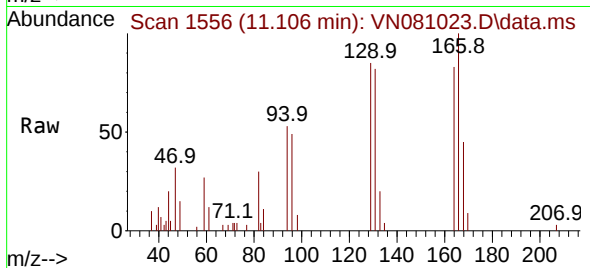
Ion	Ratio	Lower	Upper
164	100		
166	120.0	105.8	158.6
129	101.5	89.6	134.4
131	98.0	84.9	127.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#65

Chlorobenzene

Concen: 1.008 ug/l

RT: 11.894 min Scan# 1690

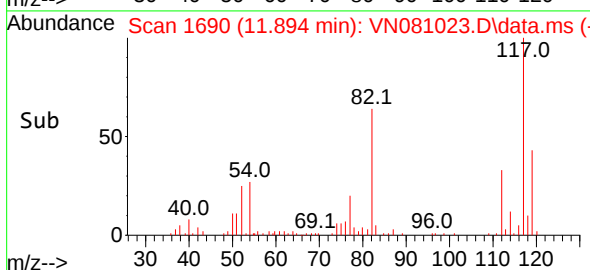
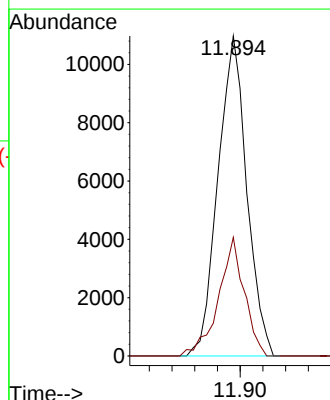
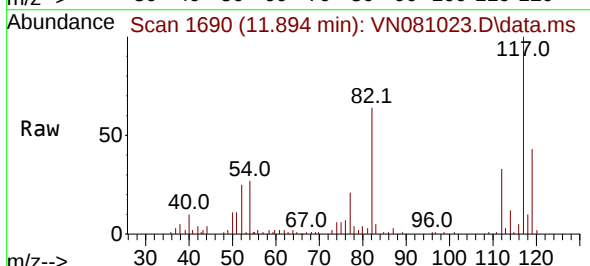
Delta R.T. 0.000 min

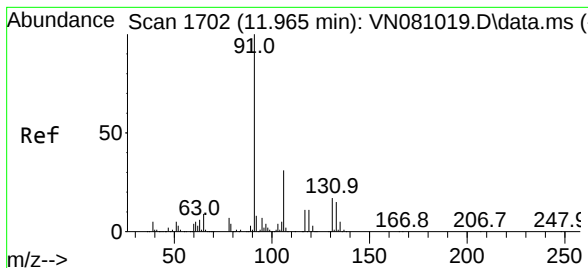
Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Tgt Ion:112 Resp: 19296

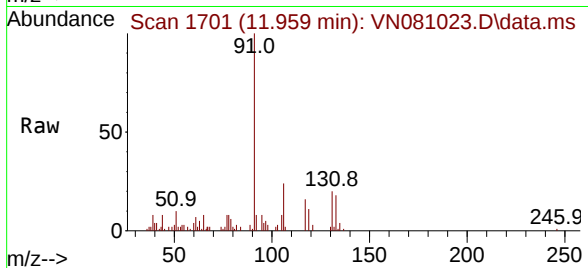
Ion	Ratio	Lower	Upper
112	100		
114	37.0	23.7	35.5#





#66
1,1,1,2-Tetrachloroethane
Concen: 0.985 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

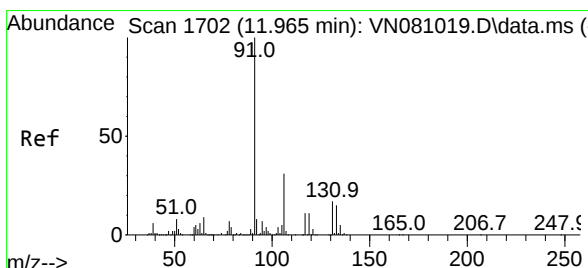
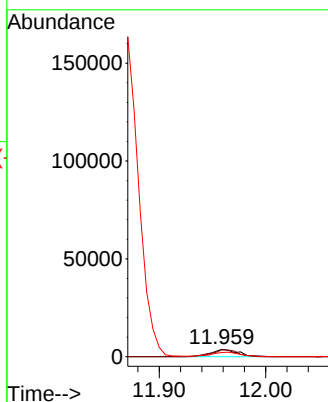
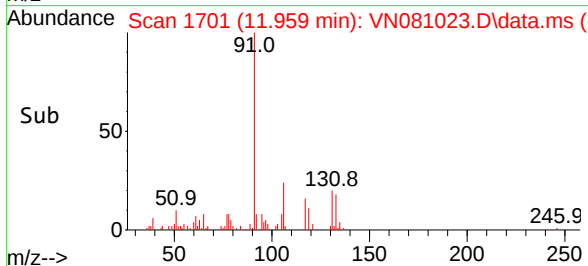
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:131 Resp: 649
Ion Ratio Lower Upper
131 100
133 93.1 46.8 140.3
119 0.0 34.6 103.9

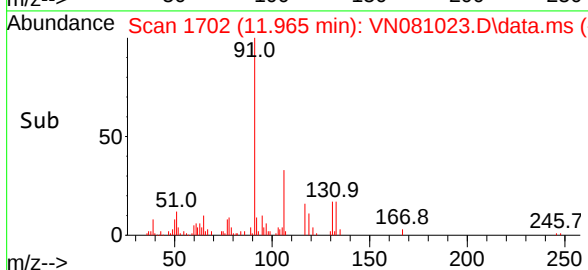
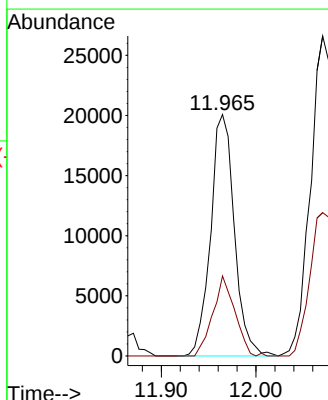
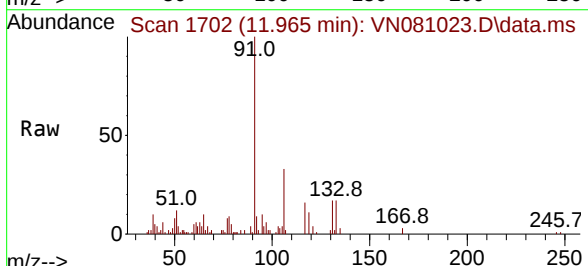
Manual Integrations
APPROVED

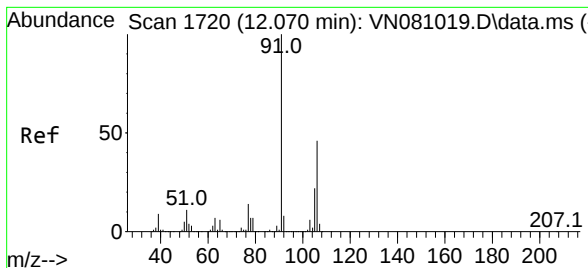
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#67
Ethyl Benzene
Concen: 0.971 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 91 Resp: 35028
Ion Ratio Lower Upper
91 100
106 33.2 23.8 35.6





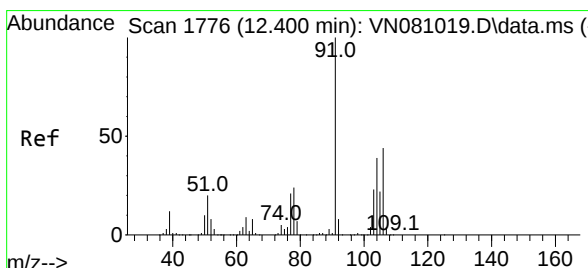
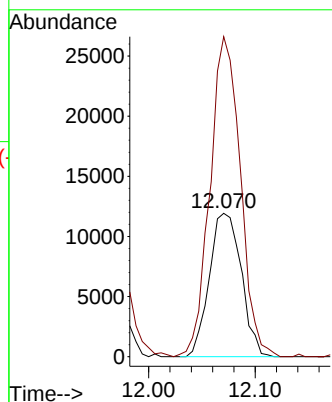
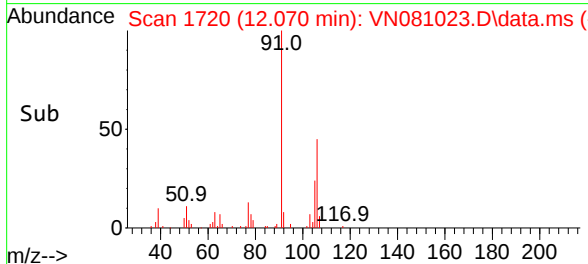
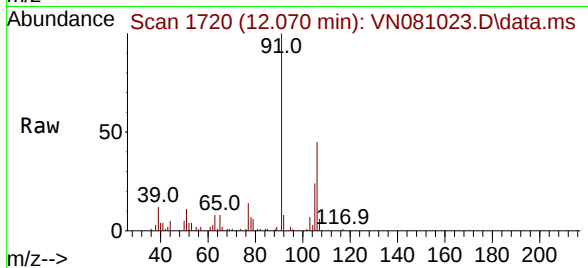
#68
m/p-Xylenes
Concen: 1.866 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 2483
Ion Ratio Lower Upper
106 100
91 212.4 169.0 253.6

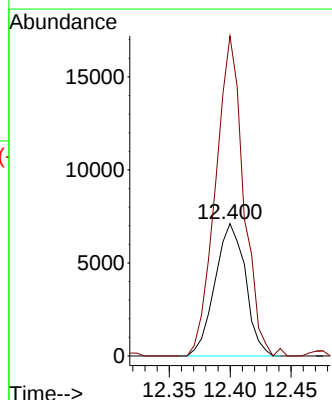
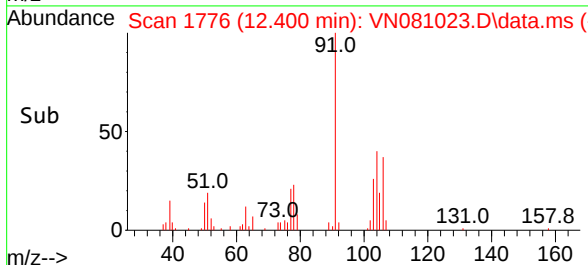
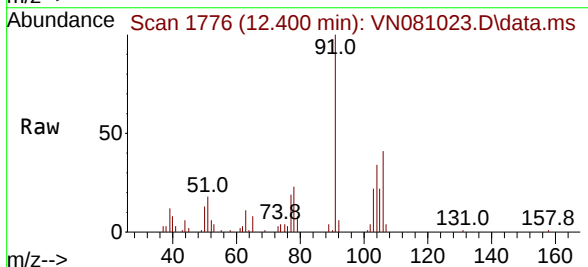
Manual Integrations
APPROVED

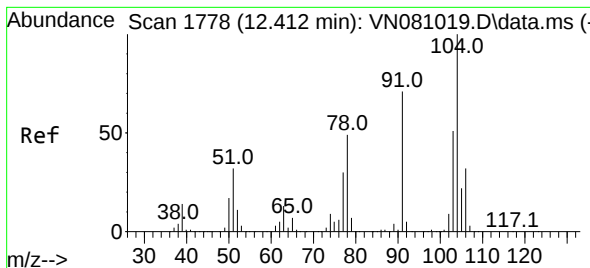
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#69
o-Xylene
Concen: 0.960 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion:106 Resp: 12388
Ion Ratio Lower Upper
106 100
91 223.4 112.1 336.3





#70

Styrene

Concen: 0.963 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

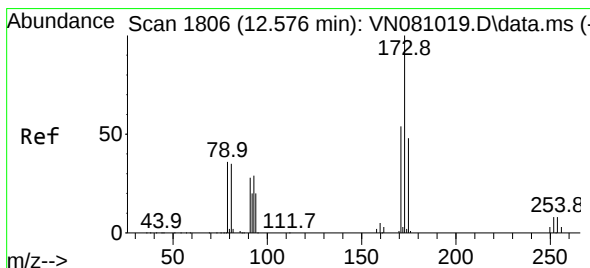
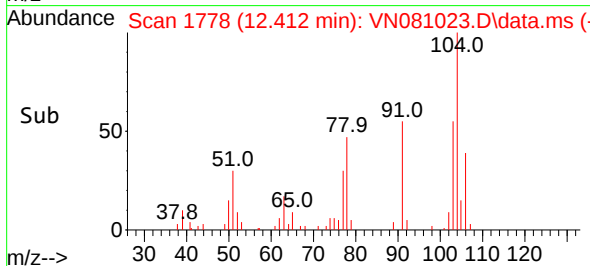
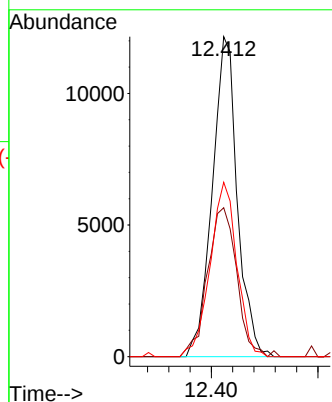
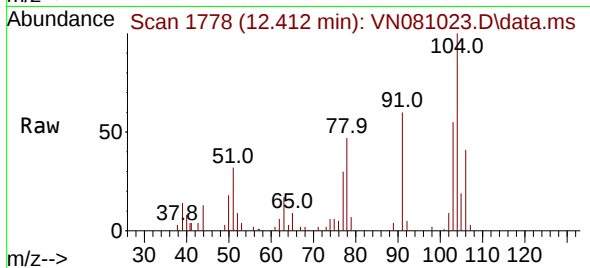
Tgt Ion:	104	Resp:	1980
Ion Ratio	Lower	Upper	
104	100		
78	54.5	43.8	65.8
103	58.2	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#71

Bromoform

Concen: 0.823 ug/l

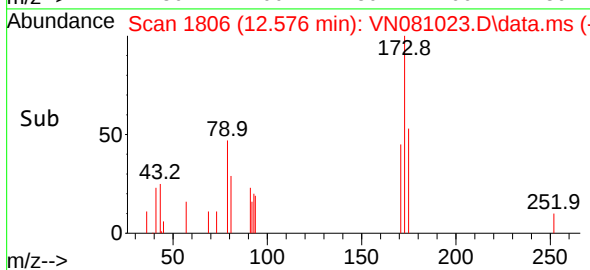
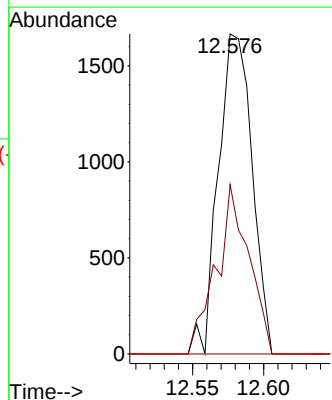
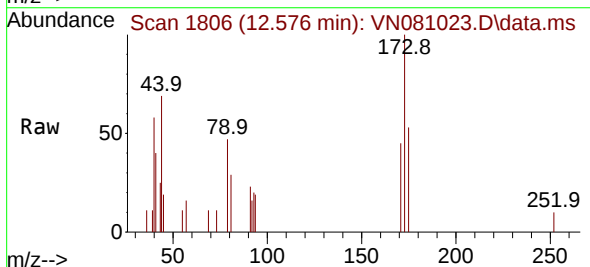
RT: 12.576 min Scan# 1806

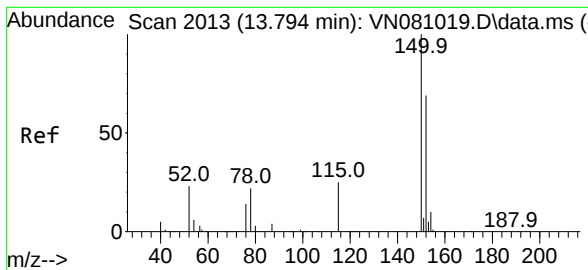
Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

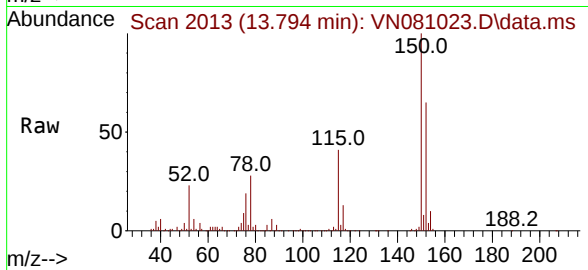
Tgt Ion:	173	Resp:	2759
Ion Ratio	Lower	Upper	
173	100		
175	51.0	23.1	69.2
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

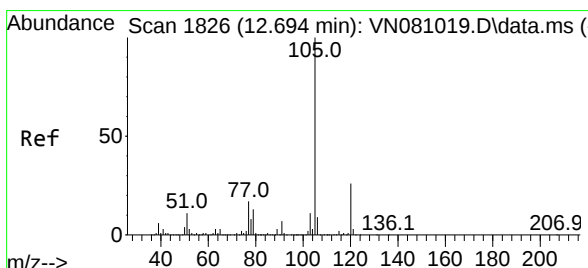
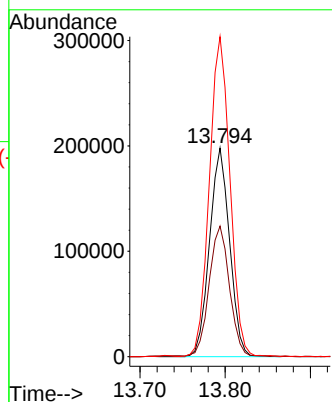
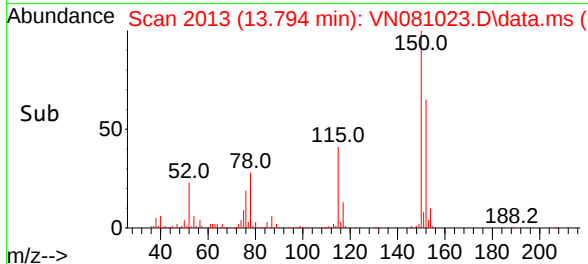
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



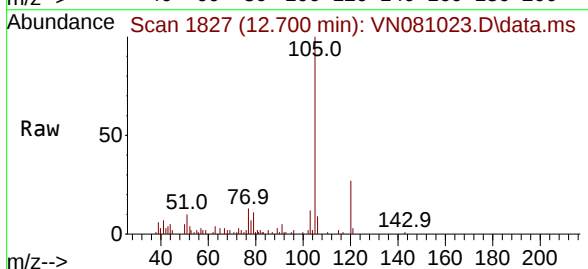
Tgt Ion:152 Resp: 323954
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 156.7 0.0 339.8

Manual Integrations
APPROVED

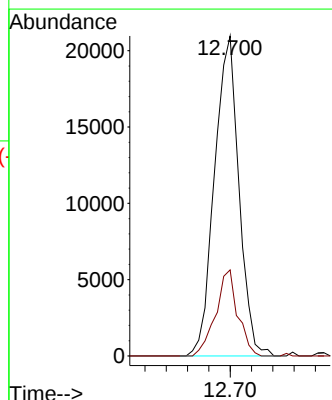
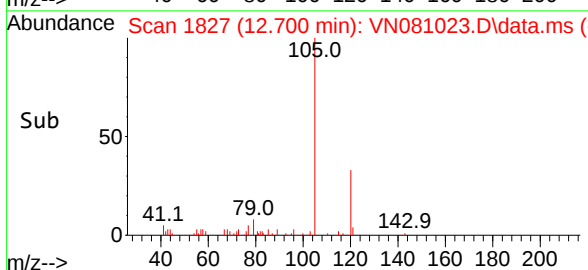
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

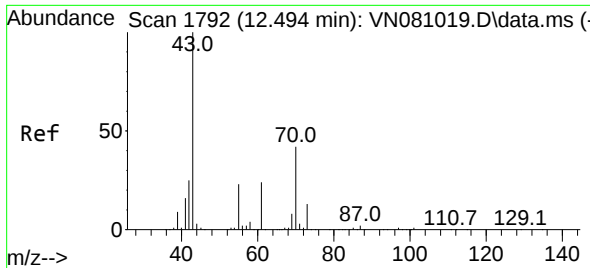


#73
Isopropylbenzene
Concen: 1.019 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49



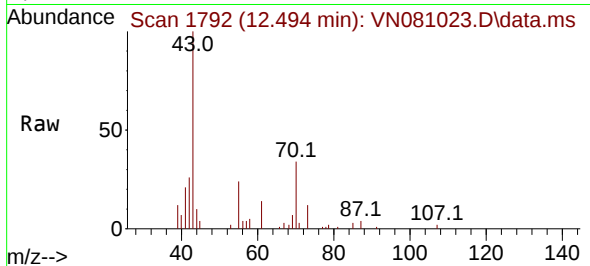
Tgt Ion:105 Resp: 33354
Ion Ratio Lower Upper
105 100
120 24.2 12.6 37.6





#74
N-amy1 acetate
Concen: 1.102 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

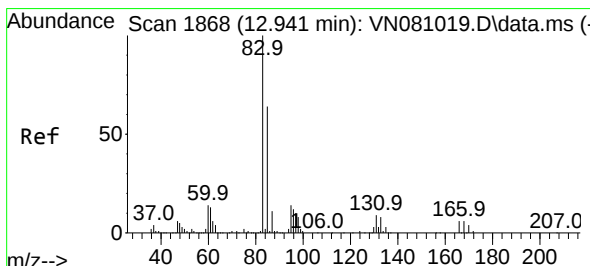
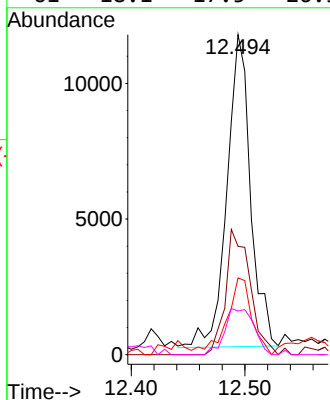
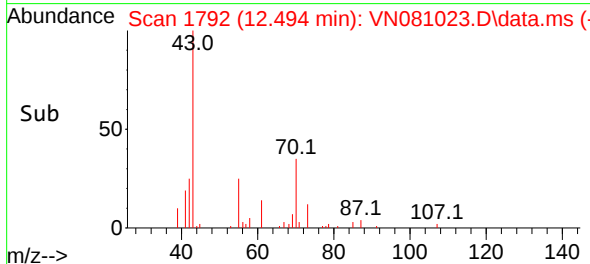
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



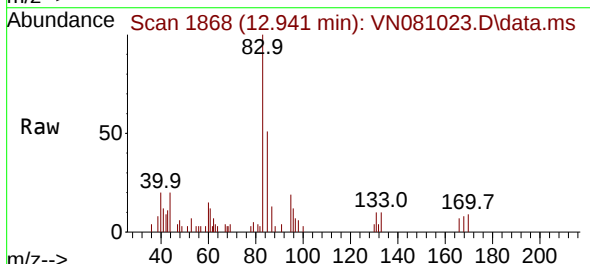
Tgt Ion: 43 Resp: 16590
Ion Ratio Lower Upper
43 100
70 42.0 30.1 45.1
55 26.1 17.0 25.4
61 18.1 17.5 26.3

Manual Integrations
APPROVED

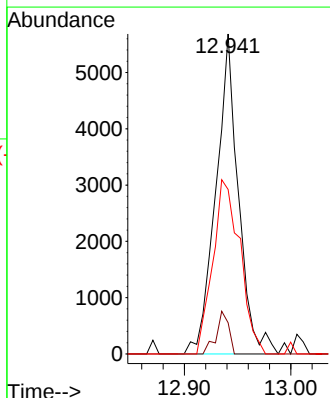
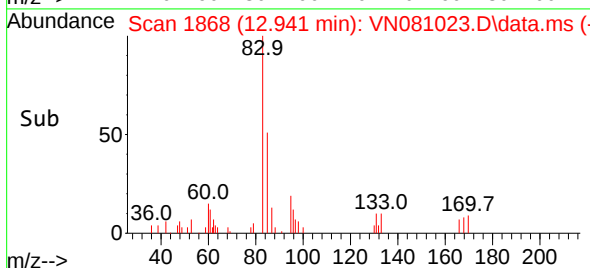
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

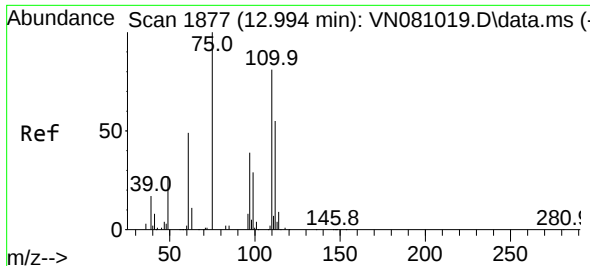


#75
1,1,2,2-Tetrachloroethane
Concen: 1.040 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49



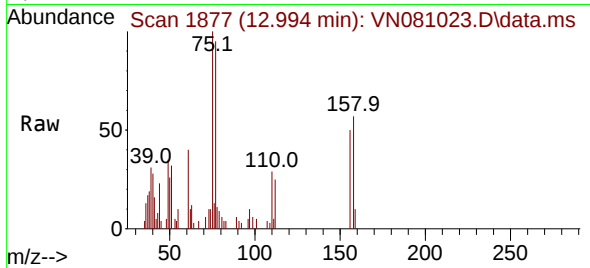
Tgt Ion: 83 Resp: 8357
Ion Ratio Lower Upper
83 100
131 7.3 4.1 12.3
85 65.4 32.1 96.3





#76
1,2,3-Trichloropropane
Concen: 0.916 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

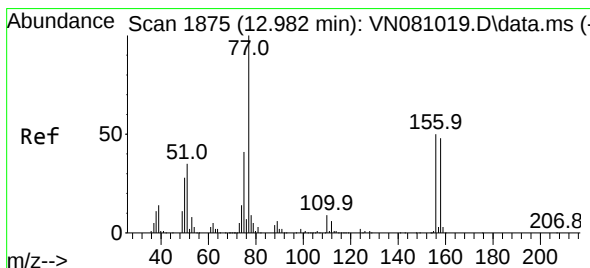
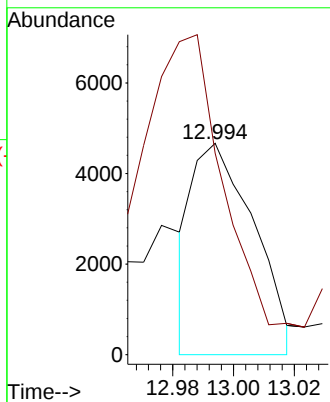
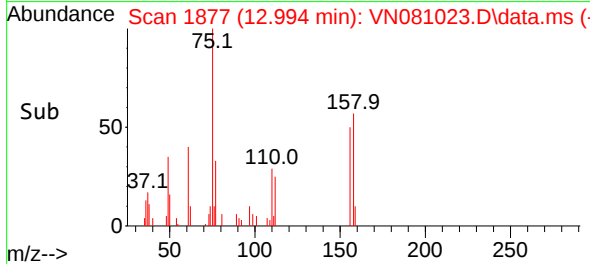
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



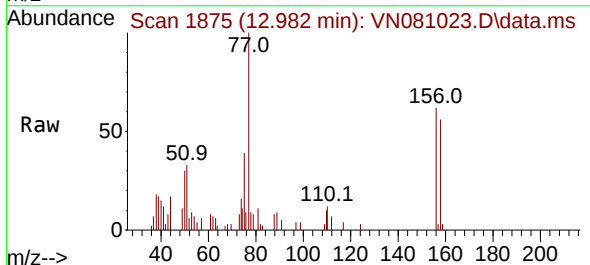
Tgt Ion: 75 Resp: 6559
Ion Ratio Lower Upper
75 100
77 222.7 91.0 272.8

Manual Integrations
APPROVED

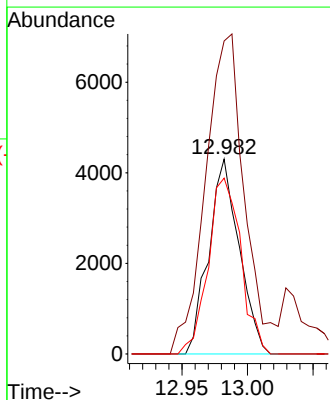
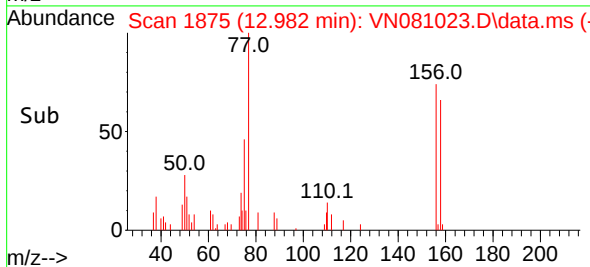
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

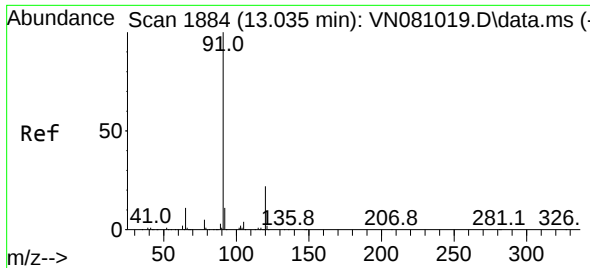


#77
Bromobenzene
Concen: 1.054 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49



Tgt Ion:156 Resp: 6988
Ion Ratio Lower Upper
156 100
77 209.0 138.1 414.3
158 96.3 46.5 139.5





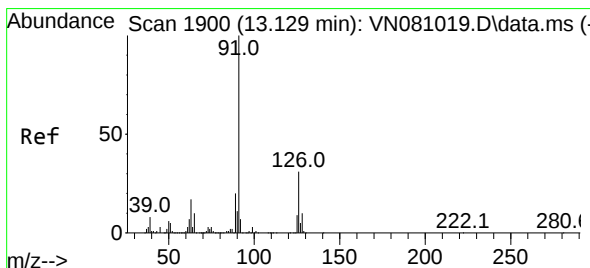
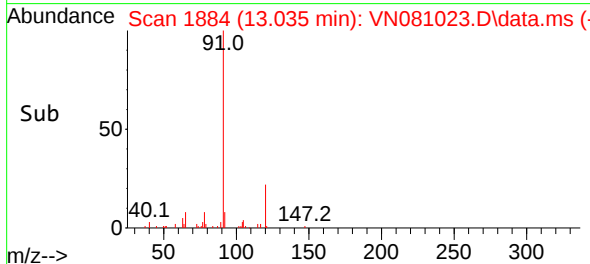
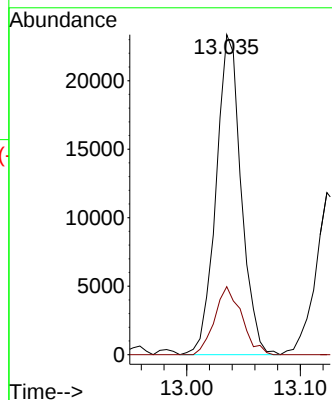
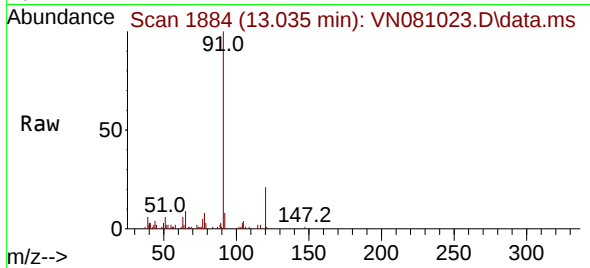
#78
n-propylbenzene
Concen: 0.962 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 3593
Ion Ratio Lower Upper
91 100
120 22.8 10.3 30.9

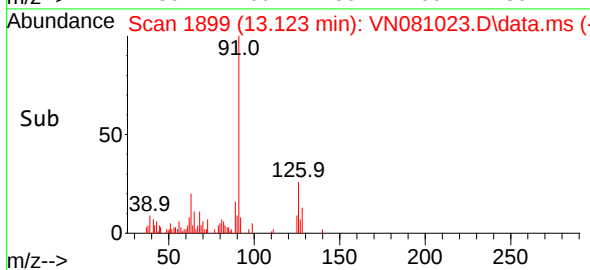
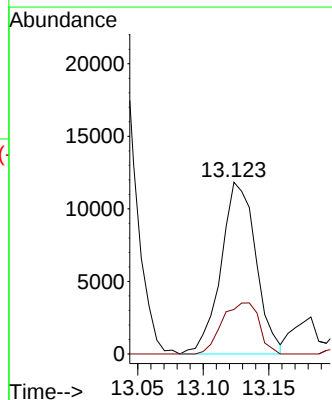
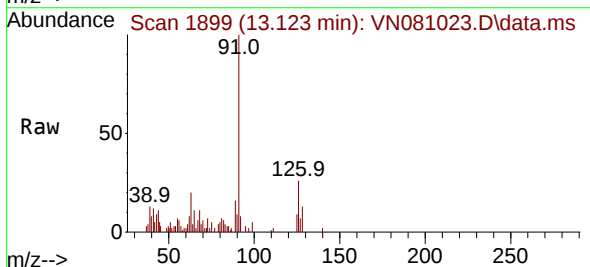
Manual Integrations
APPROVED

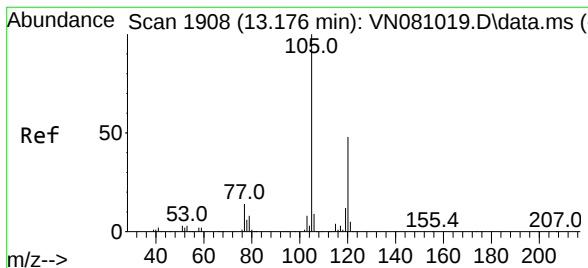
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#79
2-Chlorotoluene
Concen: 1.017 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 91 Resp: 21945
Ion Ratio Lower Upper
91 100
126 31.4 14.8 44.4





#80

1,3,5-Trimethylbenzene

Concen: 0.979 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 2485

Ion Ratio Lower Upper

105 100

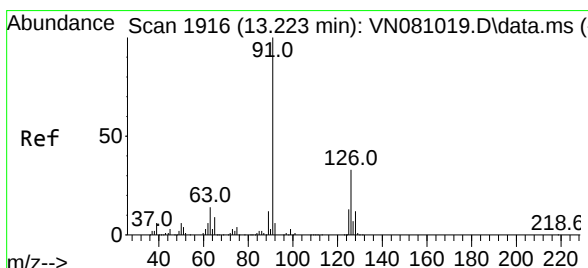
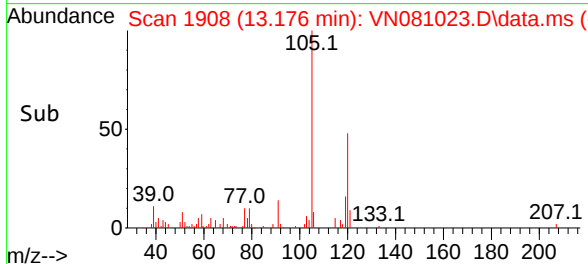
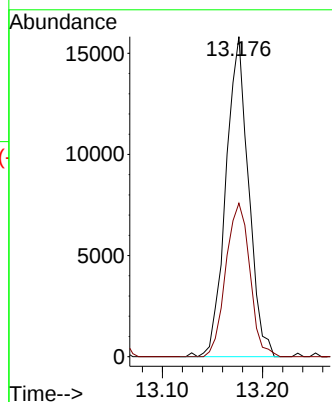
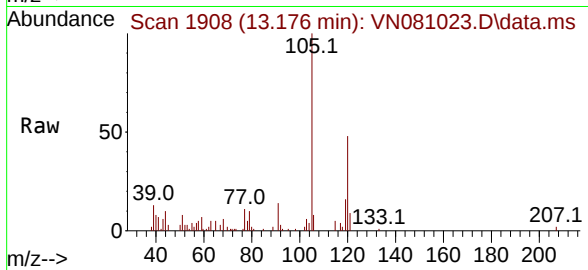
120 50.8 23.0 69.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#82

4-Chlorotoluene

Concen: 0.998 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.000 min

Lab File: VN081023.D

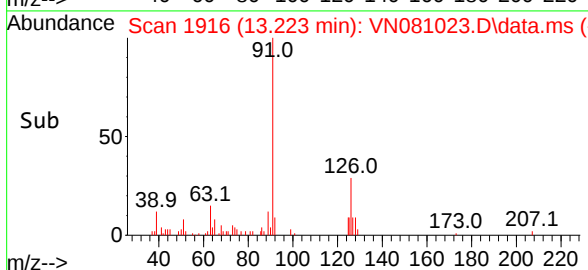
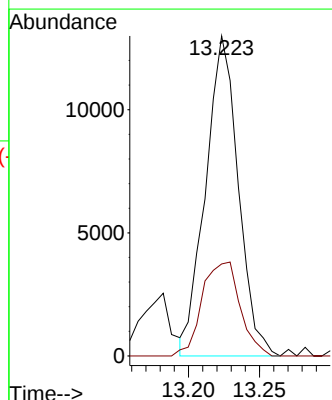
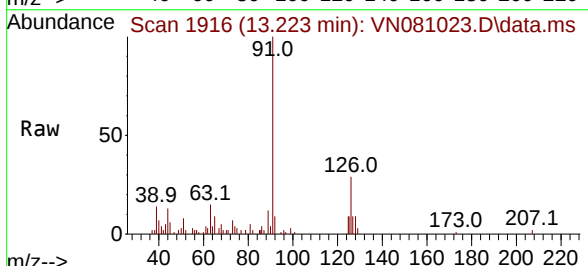
Acq: 14 Feb 2024 13:49

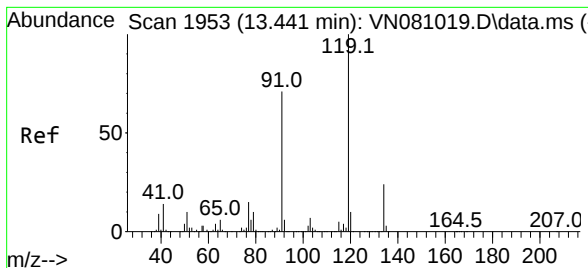
Tgt Ion: 91 Resp: 20803

Ion Ratio Lower Upper

91 100

126 34.1 15.3 45.9





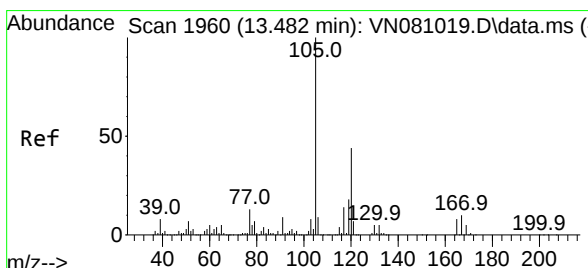
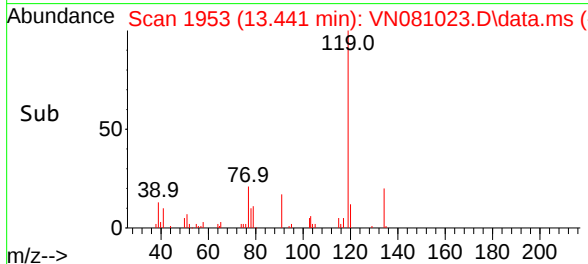
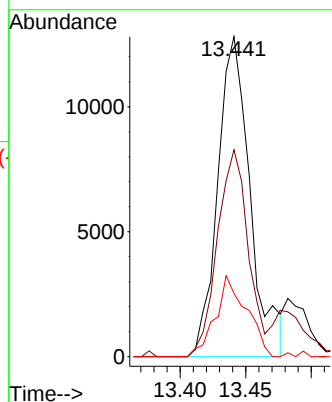
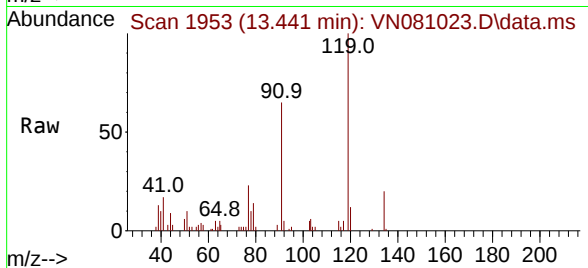
#83
tert-Butylbenzene
Concen: 1.013 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 2203
Ion Ratio Lower Upper
119 100
91 61.3 36.8 110.4
134 24.3 12.4 37.4

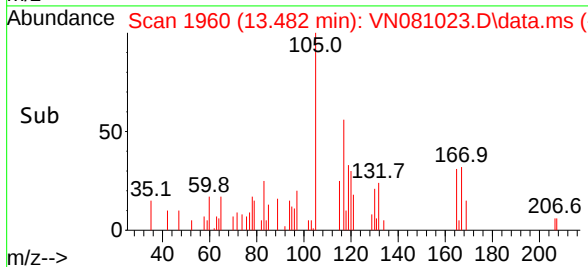
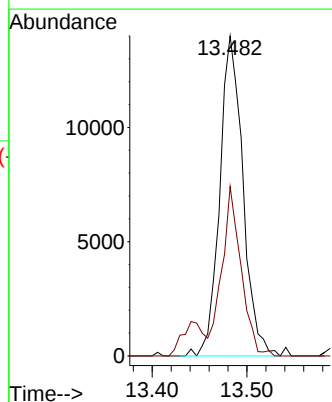
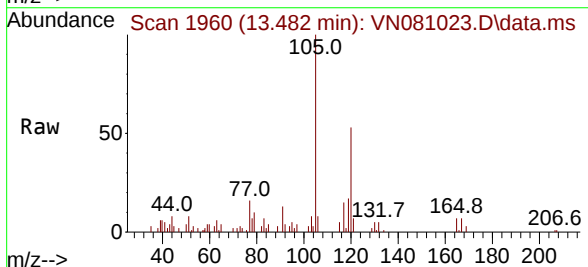
Manual Integrations
APPROVED

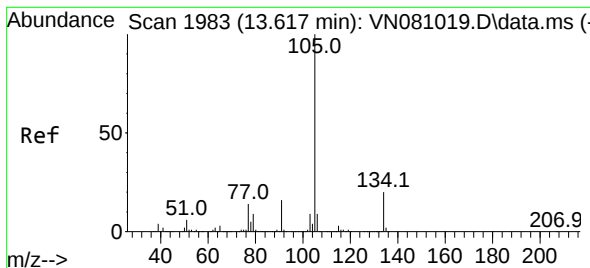
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#84
1,2,4-Trimethylbenzene
Concen: 0.973 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion:105 Resp: 23814
Ion Ratio Lower Upper
105 100
120 44.0 20.9 62.7





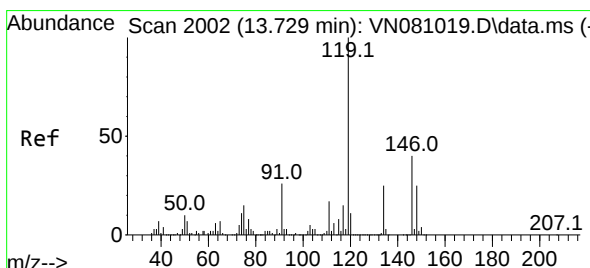
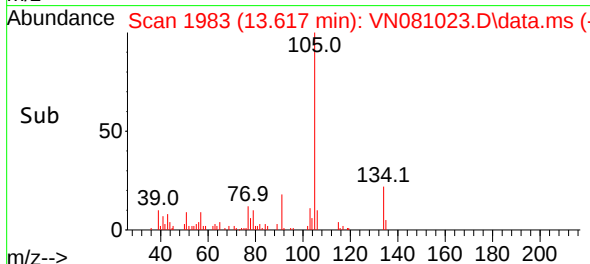
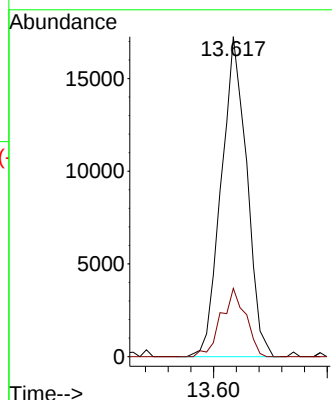
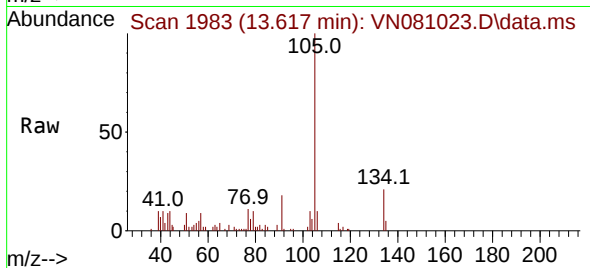
#85
 sec-Butylbenzene
 Concen: 0.903 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion:105 Resp: 2692
 Ion Ratio Lower Upper
 105 100
 134 20.6 8.6 25.8

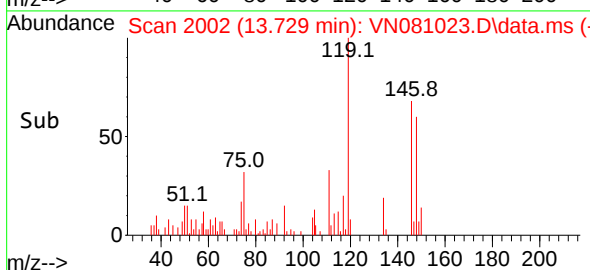
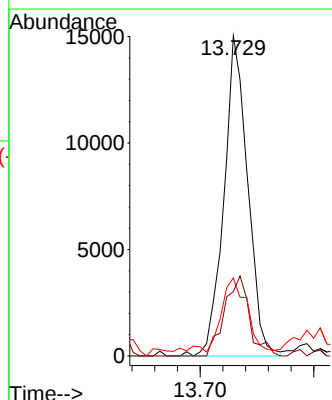
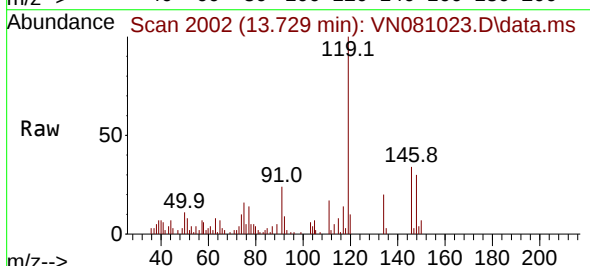
Manual Integrations
 APPROVED

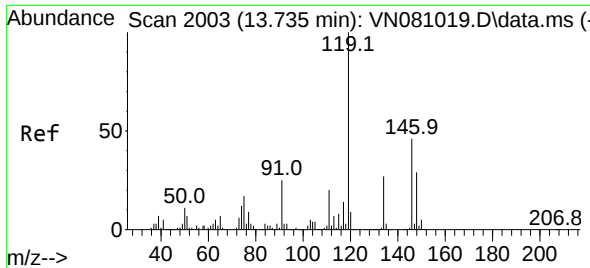
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#86
 p-Isopropyltoluene
 Concen: 0.910 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Tgt Ion:119 Resp: 21843
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.4 37.2
 91 24.9 13.5 40.4





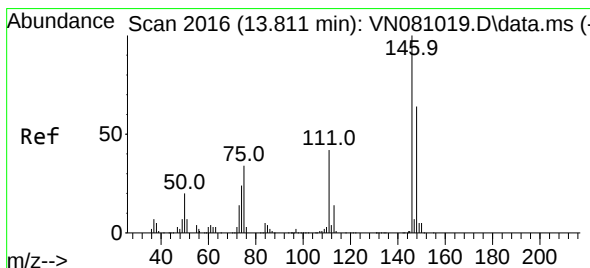
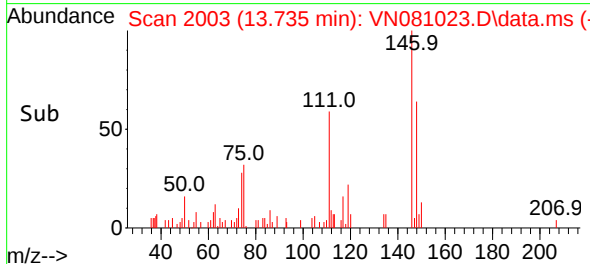
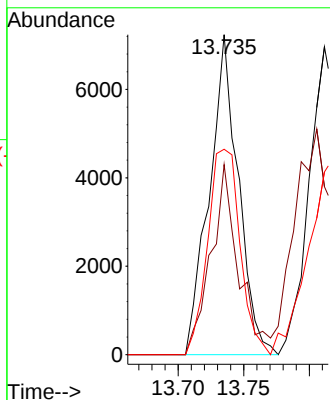
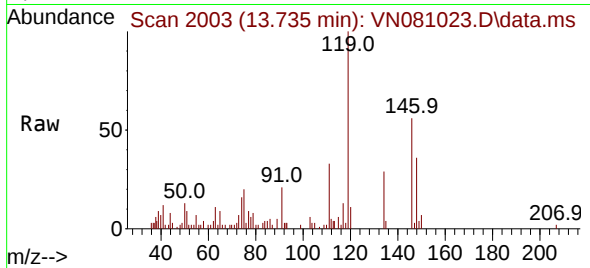
#87
 1,3-Dichlorobenzene
 Concen: 0.987 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:146 Resp: 11129
 Ion Ratio Lower Upper
 146 100
 111 56.9 23.9 71.7
 148 71.7 32.6 97.7

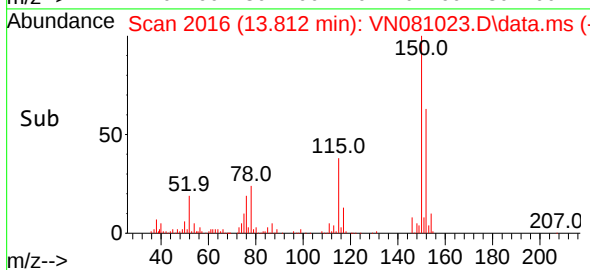
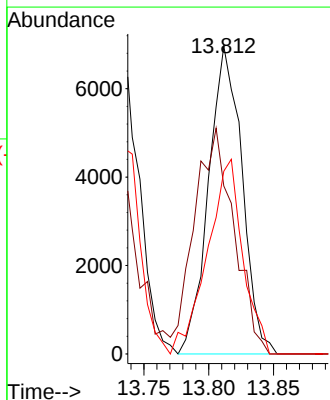
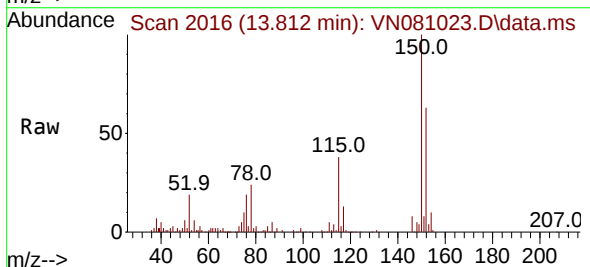
Manual Integrations
 APPROVED

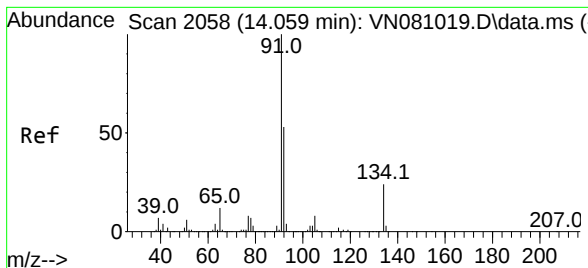
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#88
 1,4-Dichlorobenzene
 Concen: 1.073 ug/l m
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Tgt Ion:146 Resp: 12494
 Ion Ratio Lower Upper
 146 100
 111 50.7 22.6 67.7
 148 63.9 31.9 95.5





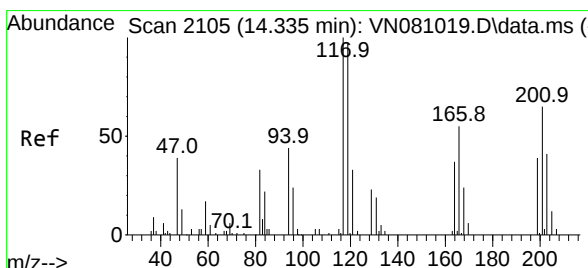
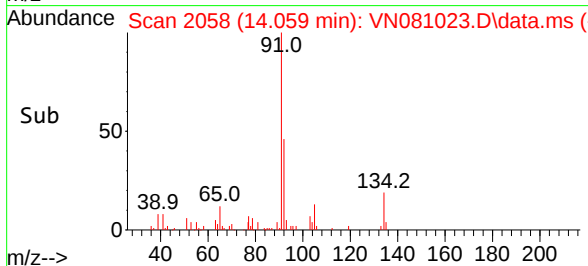
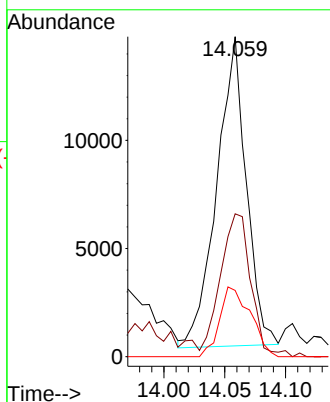
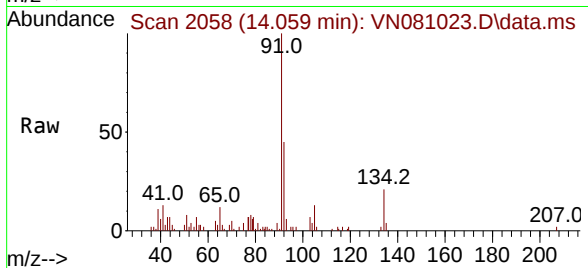
#89
n-Butylbenzene
Concen: 1.096 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 24079
Ion Ratio Lower Upper
91 100
92 48.0 26.7 80.1
134 23.6 10.8 32.4

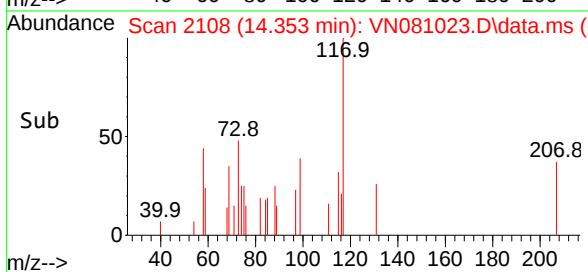
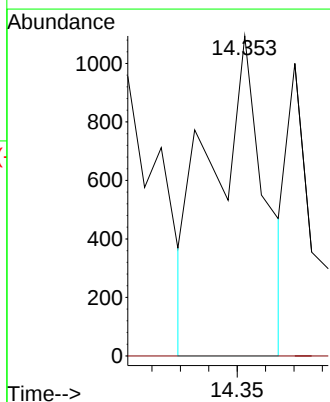
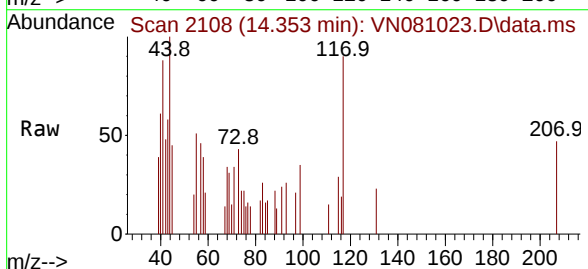
Manual Integrations
APPROVED

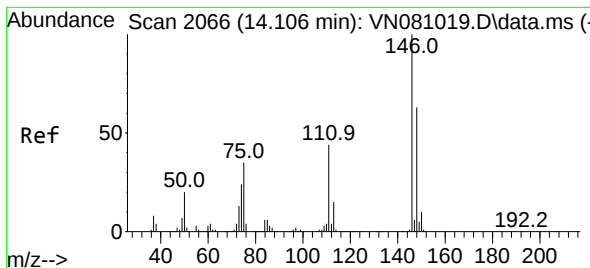
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#90
Hexachloroethane
Concen: 2.002 ug/l
RT: 14.353 min Scan# 2108
Delta R.T. 0.018 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion:117 Resp: 1437
Ion Ratio Lower Upper
117 100
201 0.0 30.0 90.0#





#91

1,2-Dichlorobenzene

Concen: 1.022 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

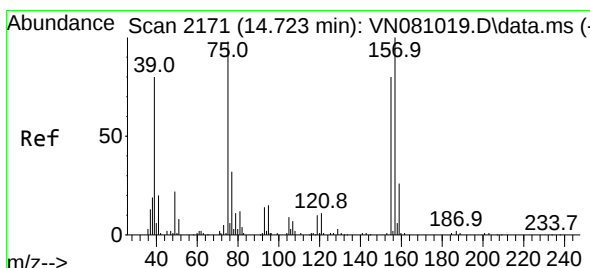
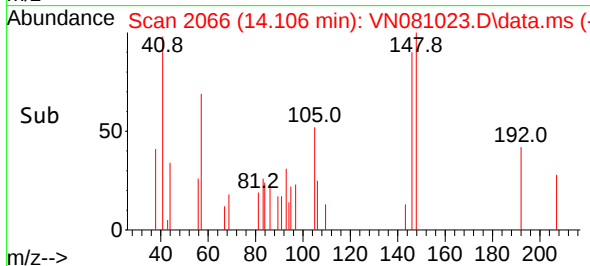
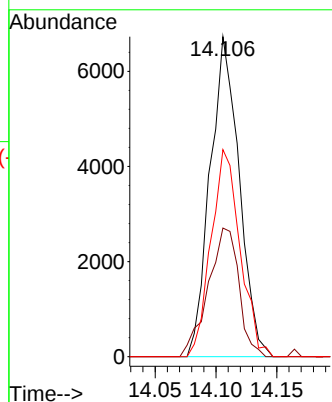
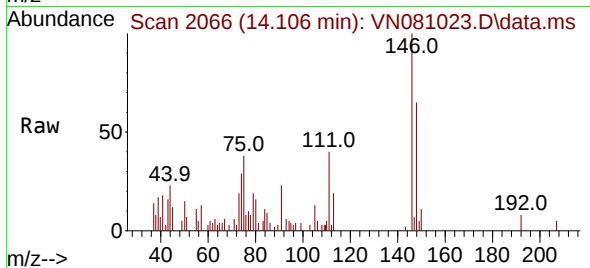
Tgt Ion:	146	Resp:	1116
Ion Ratio	Lower	Upper	
146	100		
111	42.3	23.9	71.8
148	64.8	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.345 ug/l

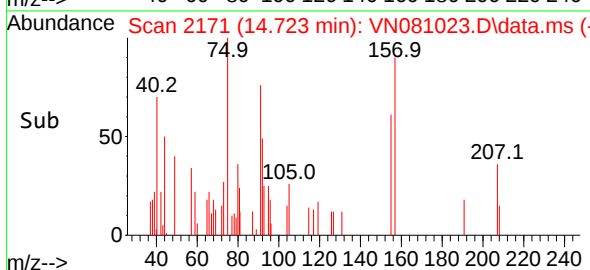
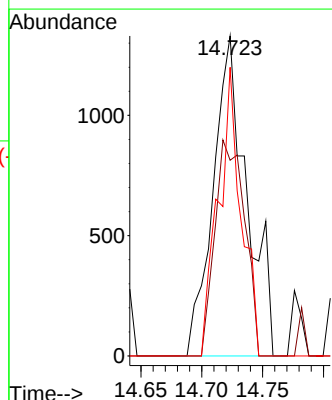
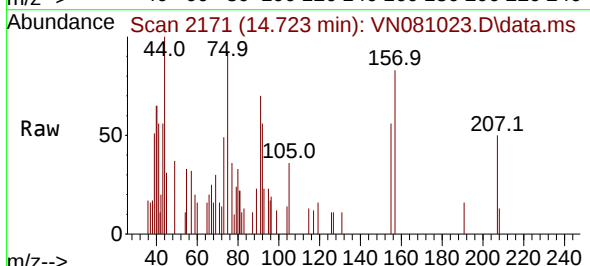
RT: 14.723 min Scan# 2171

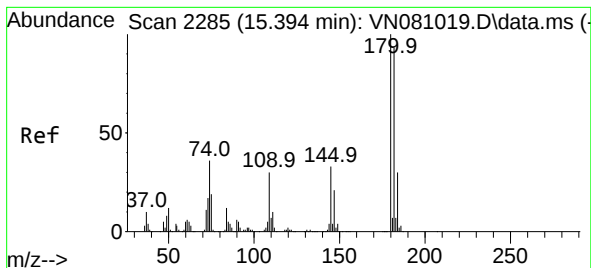
Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Tgt Ion:	75	Resp:	2562
Ion Ratio	Lower	Upper	
75	100		
155	59.4	31.8	95.4
157	60.8	41.1	123.4





#93

1,2,4-Trichlorobenzene

Concen: 1.045 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:180 Resp: 684

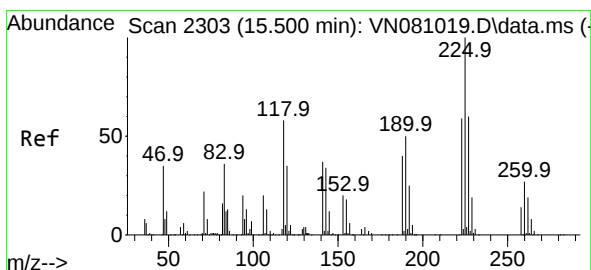
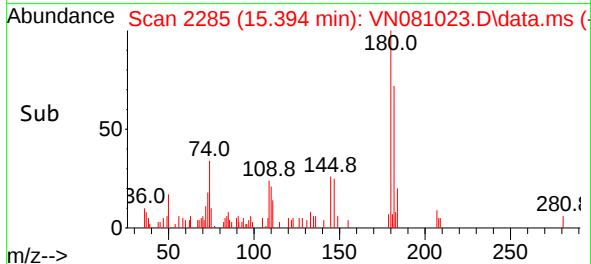
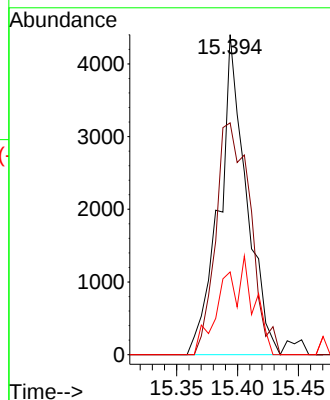
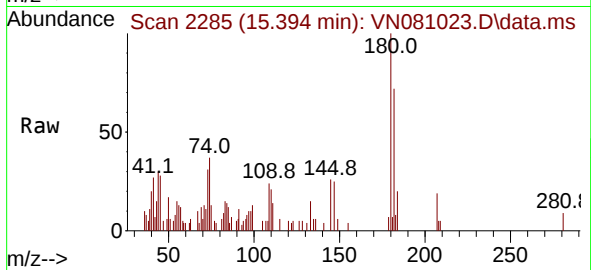
Ion	Ratio	Lower	Upper
180	100		
182	91.3	46.6	139.7
145	20.8	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#94

Hexachlorobutadiene

Concen: 1.104 ug/l

RT: 15.506 min Scan# 2304

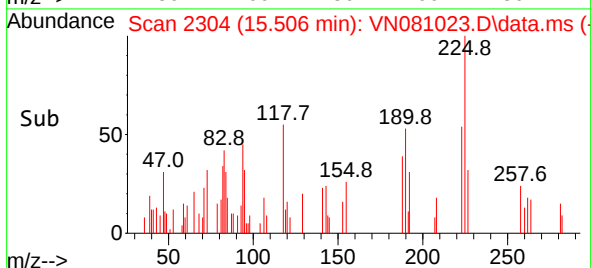
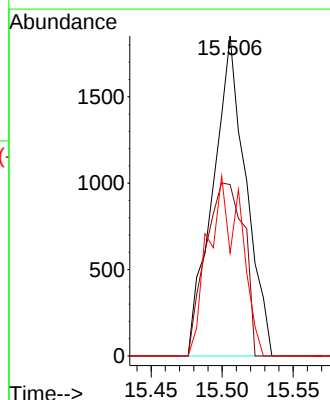
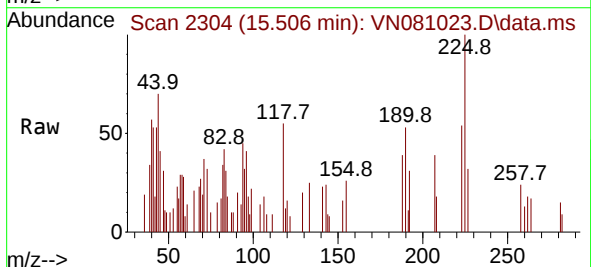
Delta R.T. 0.006 min

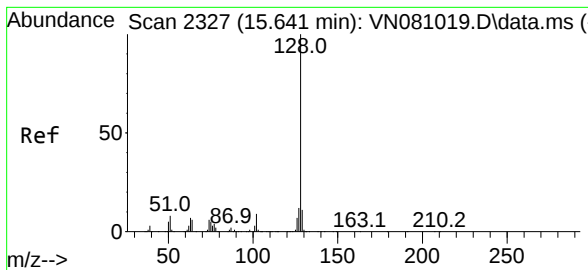
Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Tgt Ion:225 Resp: 2989

Ion	Ratio	Lower	Upper
225	100		
223	62.7	33.3	99.8
227	56.0	33.1	99.2





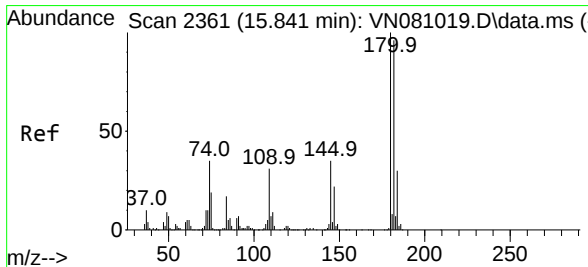
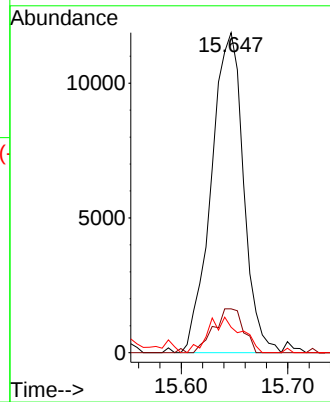
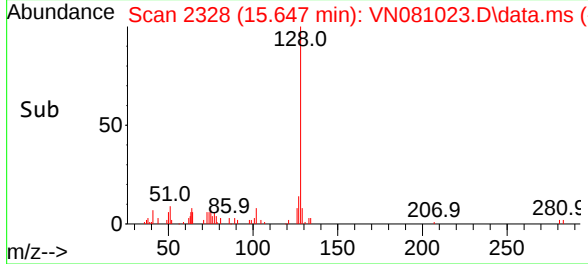
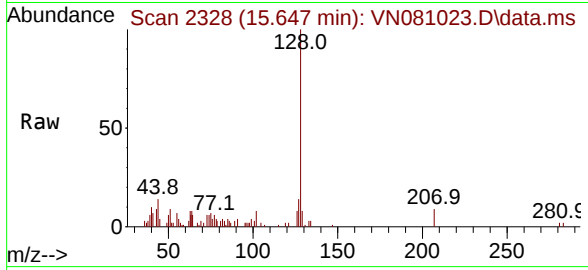
#95
Naphthalene
Concen: 1.072 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:	128	Resp:	2496
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.0	15.0
129	11.2	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 1.014 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion:	180	Resp:	6506
Ion Ratio	Lower	Upper	
180	100		
182	92.9	46.5	139.3
145	40.8	17.8	53.4

