

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080574.D
 Acq On : 21 Dec 2023 15:27
 Operator : JC\MD
 Sample : VN1221WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2023
 Supervised By : Mahesh Dadoda 12/22/2023

Quant Time: Dec 22 04:01:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	350503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	584095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	500081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	237855	53.131	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.260%			
35) Dibromofluoromethane	8.165	113	199087	53.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.520%			
50) Toluene-d8	10.565	98	721357	52.228	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.460%			
62) 4-Bromofluorobenzene	12.847	95	252178	48.083	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69586	15.536	ug/l	95
3) Chloromethane	2.359	50	74049	15.518	ug/l	97
4) Vinyl Chloride	2.518	62	62829	16.425	ug/l	94
5) Bromomethane	2.954	94	28561	16.561	ug/l	88
6) Chloroethane	3.118	64	41579	16.916	ug/l	94
7) Trichlorofluoromethane	3.495	101	122592	15.801	ug/l	93
8) Diethyl Ether	3.954	74	42600	17.432	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	63809	17.352	ug/l	94
10) Methyl Iodide	4.589	142	46808	14.471	ug/l	96
11) Tert butyl alcohol	5.518	59	50793	96.338	ug/l	99
12) 1,1-Dichloroethene	4.342	96	65003	17.251	ug/l	95
13) Acrolein	4.177	56	62315	107.924	ug/l	97
14) Allyl chloride	5.018	41	84072	18.034	ug/l	97
15) Acrylonitrile	5.712	53	150476	101.009	ug/l	98
16) Acetone	4.424	43	96445	121.502	ug/l	97
17) Carbon Disulfide	4.706	76	161550	15.129	ug/l	100
18) Methyl Acetate	5.018	43	114924	22.501	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	231783	18.438	ug/l	99
20) Methylene Chloride	5.271	84	76671	18.049	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	70013	17.136	ug/l	86
22) Diisopropyl ether	6.671	45	204035	20.278	ug/l	93
23) Vinyl Acetate	6.600	43	519403	89.879	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	132270	18.842	ug/l	98
25) 2-Butanone	7.477	43	171161	111.933	ug/l	95
26) 2,2-Dichloropropane	7.489	77	118753	16.543	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	85331	18.451	ug/l	91
28) Bromochloromethane	7.812	49	56752	21.055	ug/l	94
29) Tetrahydrofuran	7.836	42	112879	103.087	ug/l	90
30) Chloroform	7.965	83	142325	18.265	ug/l	98
31) Cyclohexane	8.259	56	99329	16.316	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	127136	16.664	ug/l	98
36) 1,1-Dichloropropene	8.371	75	99354	16.408	ug/l	97
37) Ethyl Acetate	7.553	43	71310	18.806	ug/l	98
38) Carbon Tetrachloride	8.359	117	110736	15.305	ug/l	99
39) Methylcyclohexane	9.600	83	92061	14.635	ug/l	90
40) Benzene	8.606	78	301560	17.246	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	43499	19.899	ug/l	92
42) 1,2-Dichloroethane	8.671	62	108061	16.689	ug/l	99
43) Isopropyl Acetate	8.688	43	129316	18.967	ug/l	98
44) Trichloroethene	9.347	130	75599	16.038	ug/l	99
45) 1,2-Dichloropropane	9.618	63	75948	18.493	ug/l	96
46) Dibromomethane	9.712	93	51769	17.553	ug/l	93
47) Bromodichloromethane	9.888	83	109240	17.283	ug/l	98
48) Methyl methacrylate	9.677	41	72032	17.704	ug/l	85
49) 1,4-Dioxane	9.694	88	22550	365.664	ug/l	89
51) 4-Methyl-2-Pentanone	10.447	43	371551	98.952	ug/l	99
52) Toluene	10.630	92	188045	17.024	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	115119	16.833	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	125440	17.161	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	73456	18.481	ug/l	98
56) Ethyl methacrylate	10.877	69	77225	17.549	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	126173	18.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	228183	82.138	ug/l	95
59) 2-Hexanone	11.194	43	264636	95.467	ug/l	99
60) Dibromochloromethane	11.359	129	81179	17.236	ug/l	99
61) 1,2-Dibromoethane	11.471	107	71601	17.406	ug/l	98
64) Tetrachloroethene	11.106	164	60873	15.766	ug/l	97
65) Chlorobenzene	11.894	112	191861	17.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	72608	16.634	ug/l	96
67) Ethyl Benzene	11.965	91	328246	16.047	ug/l	100
68) m/p-Xylenes	12.071	106	256855	33.982	ug/l	93
69) o-Xylene	12.400	106	124298	16.813	ug/l	92
70) Styrene	12.412	104	184473	17.323	ug/l	96
71) Bromoform	12.576	173	52338	16.442	ug/l #	99
73) Isopropylbenzene	12.694	105	315497	17.512	ug/l	99
74) N-amyl acetate	12.494	43	103491	19.671	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	95702	19.824	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	81554m	18.228	ug/l	
77) Bromobenzene	12.982	156	77645	17.520	ug/l	100
78) n-propylbenzene	13.035	91	338930	17.063	ug/l	98
79) 2-Chlorotoluene	13.123	91	227439	17.538	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	262575	16.923	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	30029	17.623	ug/l #	87
82) 4-Chlorotoluene	13.223	91	233229	17.497	ug/l	96
83) tert-Butylbenzene	13.441	119	217606	17.125	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	267057	17.301	ug/l	99
85) sec-Butylbenzene	13.618	105	275535	16.951	ug/l	100
86) p-Isopropyltoluene	13.729	119	246182	16.773	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	128849	16.501	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	132447	16.803	ug/l	95
89) n-Butylbenzene	14.059	91	201537	16.443	ug/l	99
90) Hexachloroethane	14.335	117	38502	16.518	ug/l	76
91) 1,2-Dichlorobenzene	14.106	146	127204	17.156	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18020	17.746	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	71033	17.254	ug/l	97
94) Hexachlorobutadiene	15.500	225	35578	15.180	ug/l	98
95) Naphthalene	15.641	128	227159	18.171	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	66235	16.673	ug/l	95

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

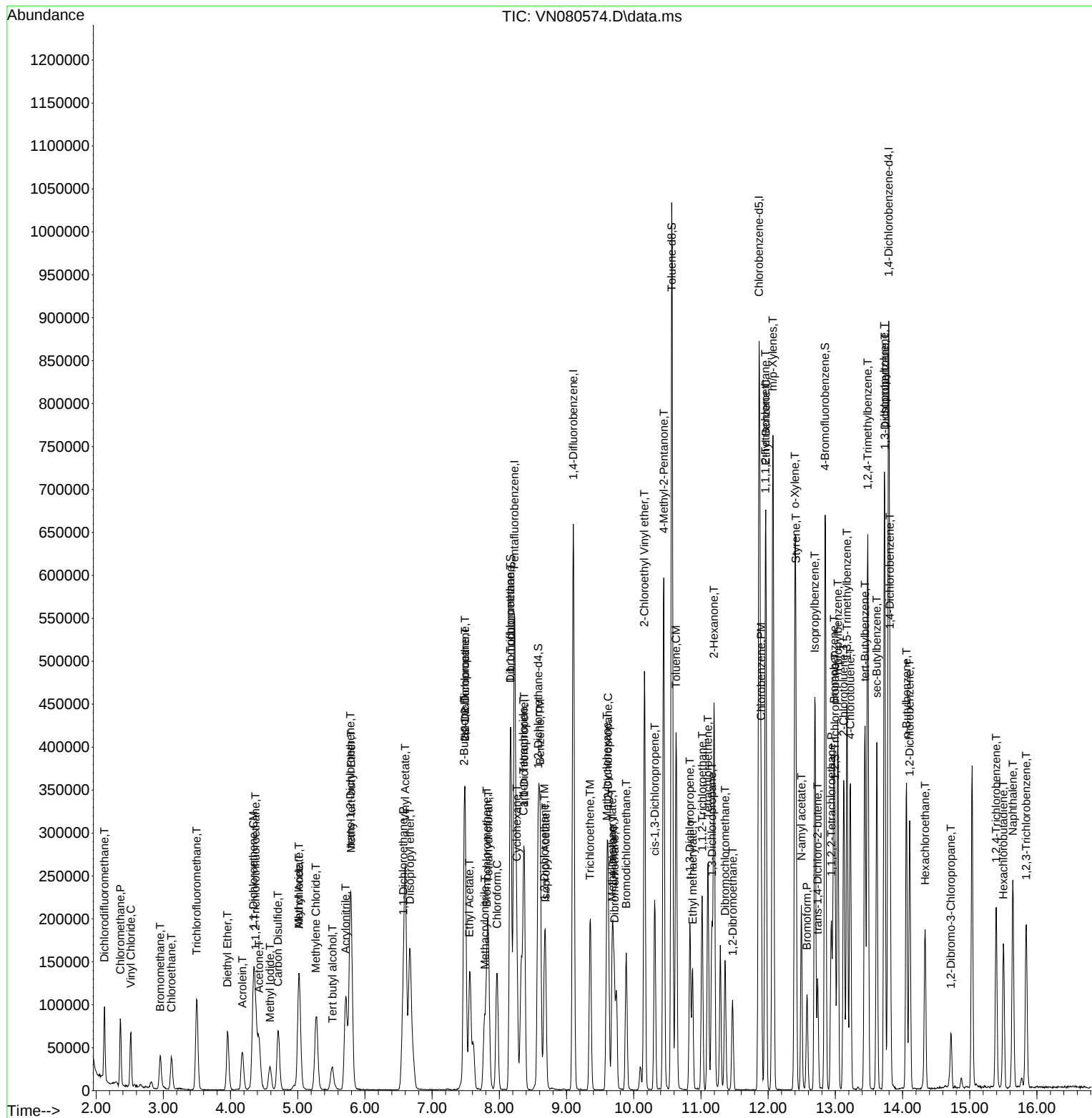
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
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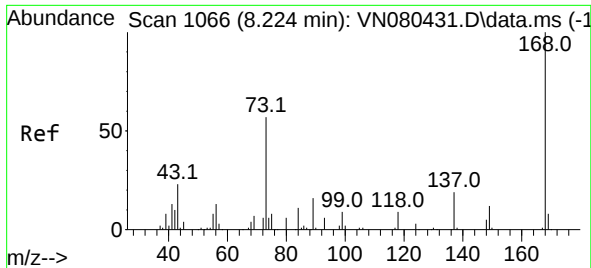
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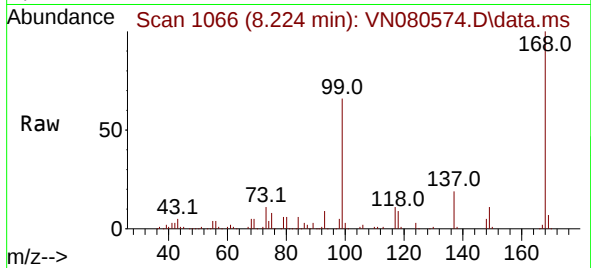
Quant Time: Dec 22 04:01:07 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

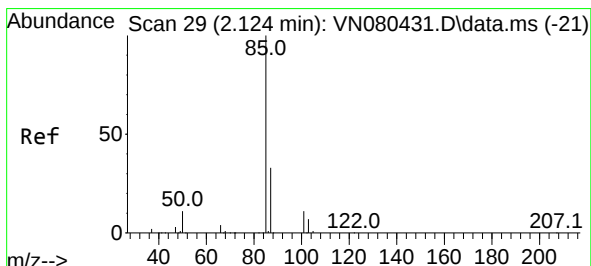
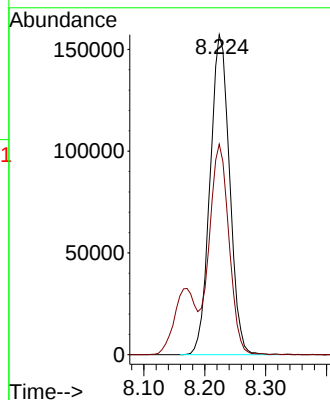
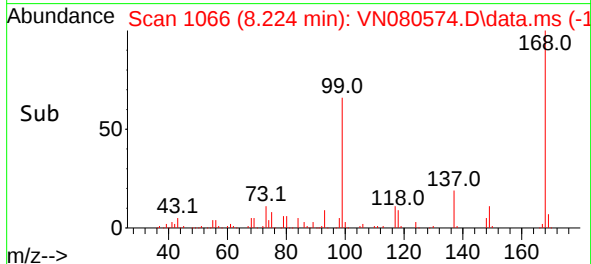
Instrument :
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ClientSampleId :
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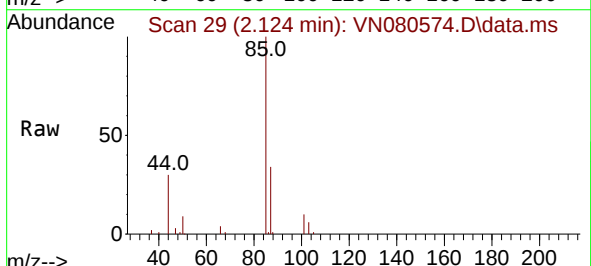
Tgt Ion:168 Resp: 35050
Ion Ratio Lower Upper
168 100
99 65.7 53.0 79.6

Manual Integrations
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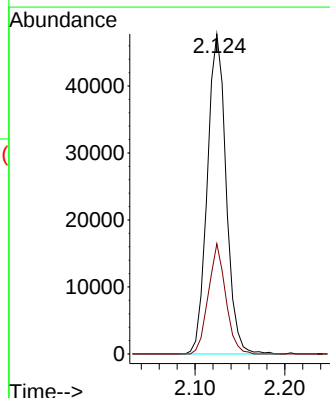
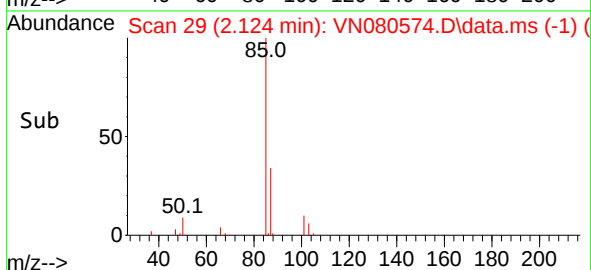
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

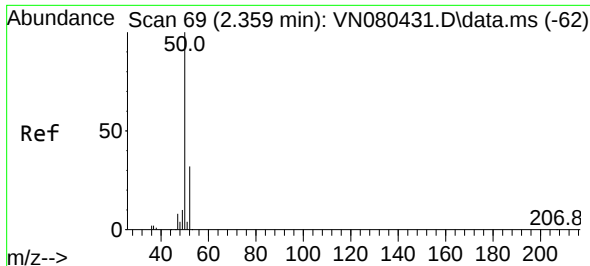


#2
Dichlorodifluoromethane
Concen: 15.536 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



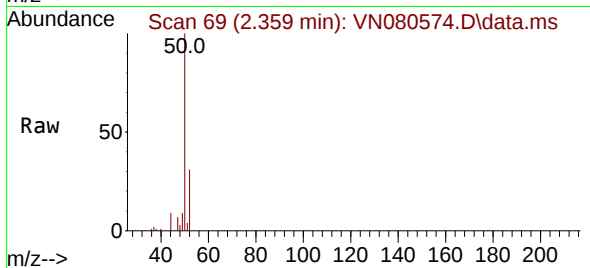
Tgt Ion: 85 Resp: 69586
Ion Ratio Lower Upper
85 100
87 34.4 15.8 47.4





#3
Chloromethane
Concen: 15.518 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

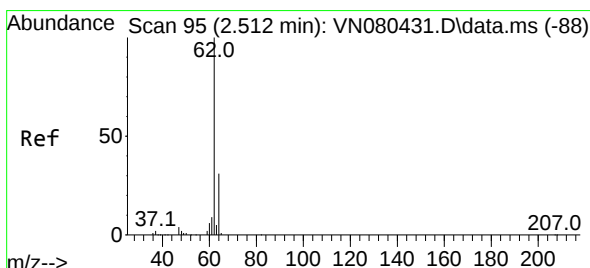
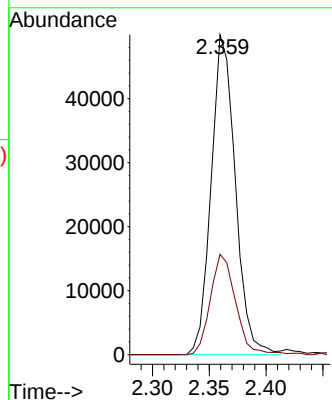
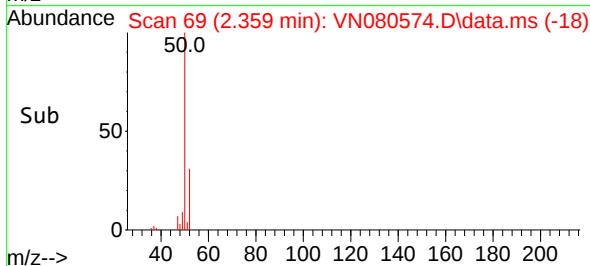
Instrument :
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Tgt Ion: 50 Resp: 74049
Ion Ratio Lower Upper
50 100
52 31.3 26.5 39.7

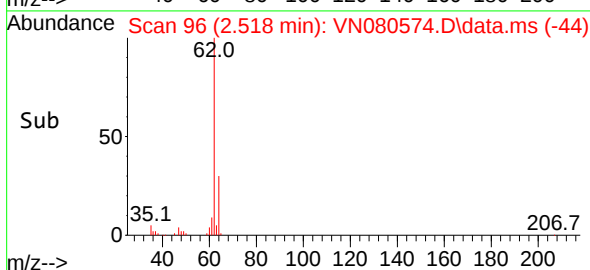
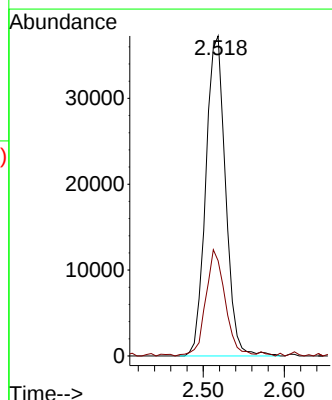
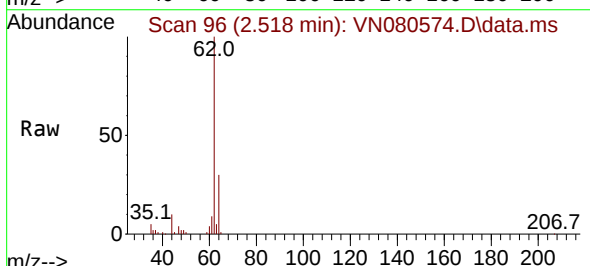
Manual Integrations
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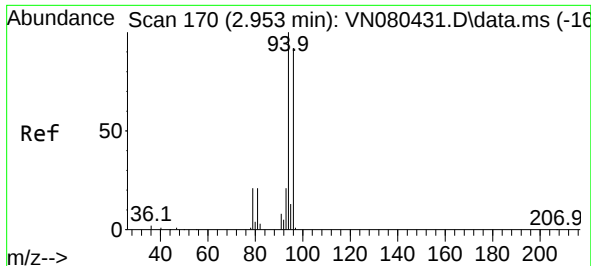
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#4
Vinyl Chloride
Concen: 16.425 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

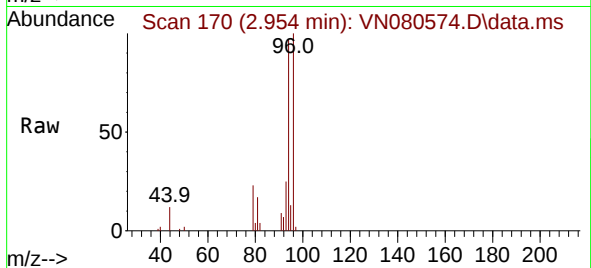
Tgt Ion: 62 Resp: 62829
Ion Ratio Lower Upper
62 100
64 29.3 26.2 39.2





#5
Bromomethane
Concen: 16.561 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

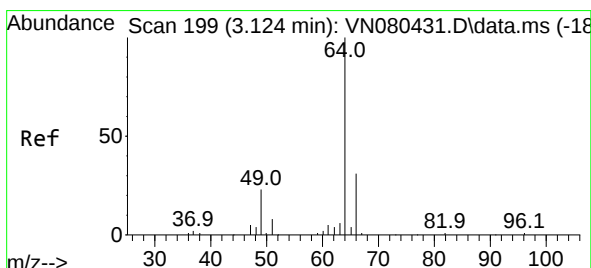
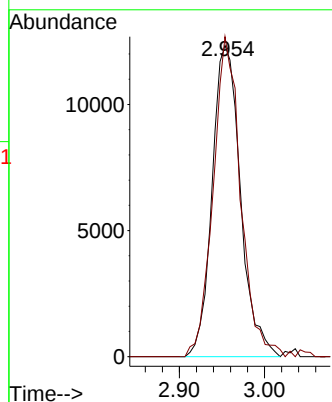
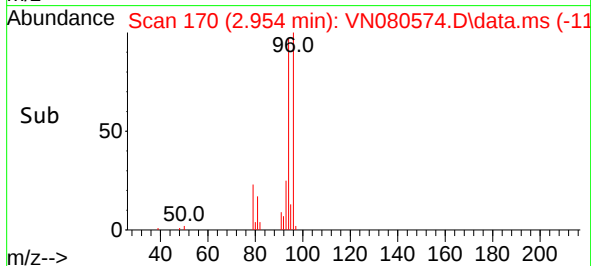
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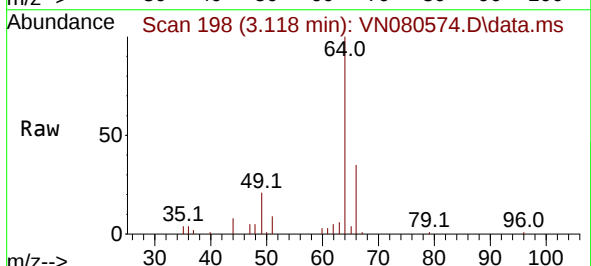
Tgt Ion: 94 Resp: 2856
Ion Ratio Lower Upper
94 100
96 102.8 73.1 109.7

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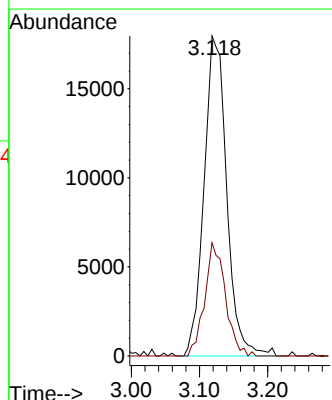
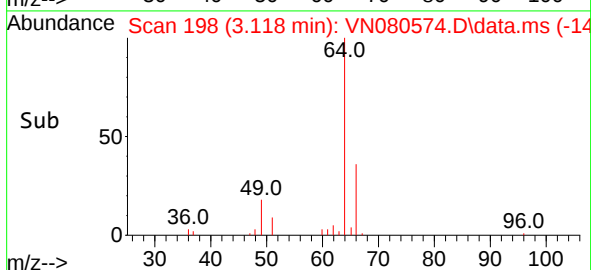
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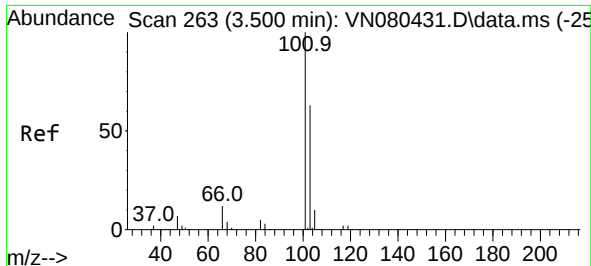


#6
Chloroethane
Concen: 16.916 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



Tgt Ion: 64 Resp: 41579
Ion Ratio Lower Upper
64 100
66 35.4 25.4 38.2





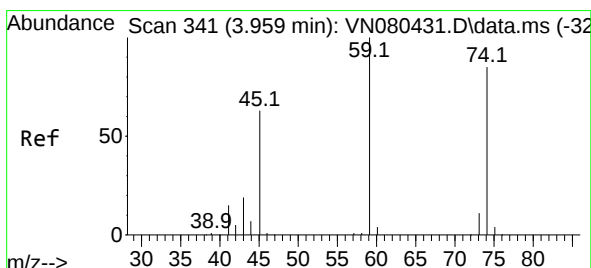
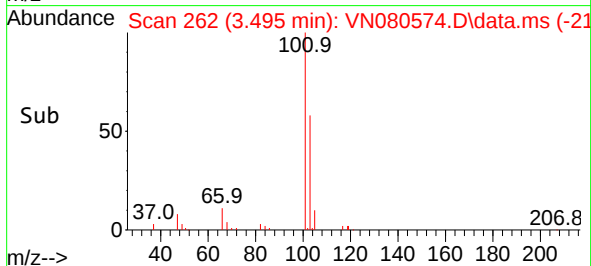
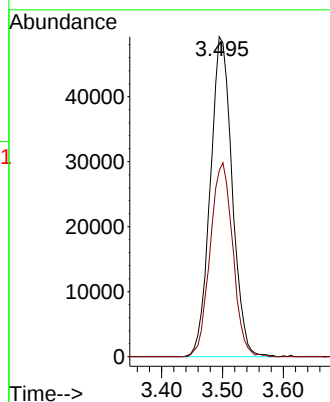
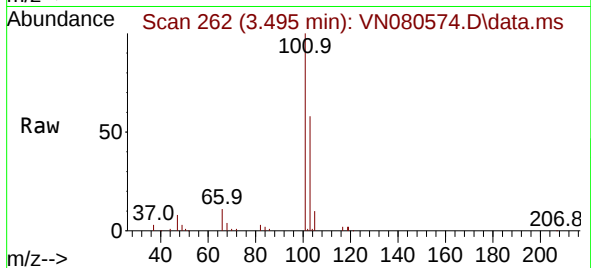
#7
Trichlorofluoromethane
Concen: 15.801 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Instrument :
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Tgt Ion:101 Resp: 122592
Ion Ratio Lower Upper
101 100
103 58.1 50.7 76.1

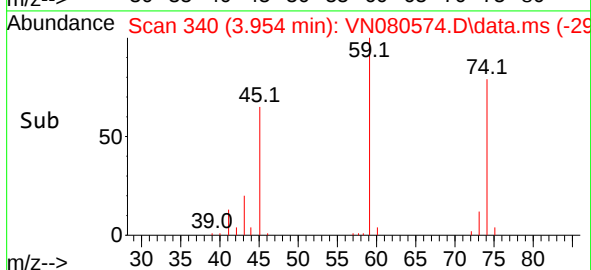
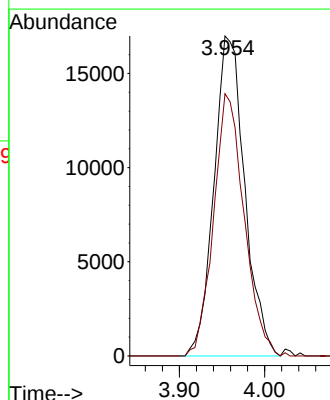
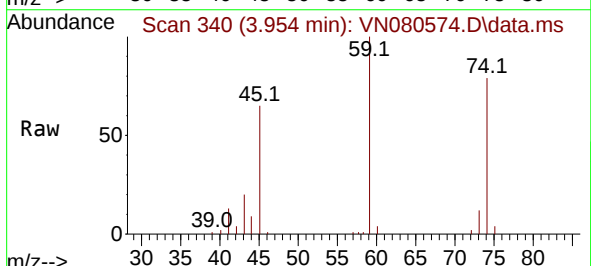
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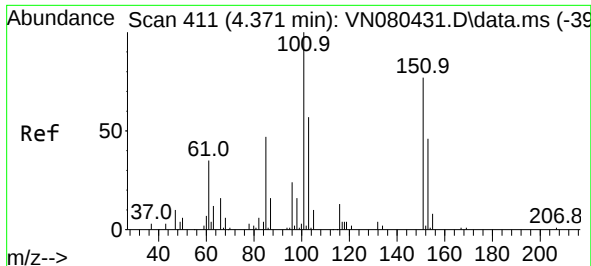
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#8
Diethyl Ether
Concen: 17.432 ug/l
RT: 3.954 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

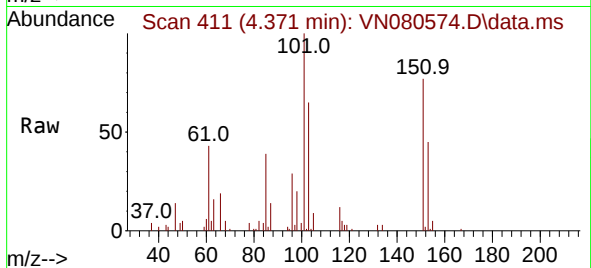
Tgt Ion: 74 Resp: 42600
Ion Ratio Lower Upper
74 100
45 81.3 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.352 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

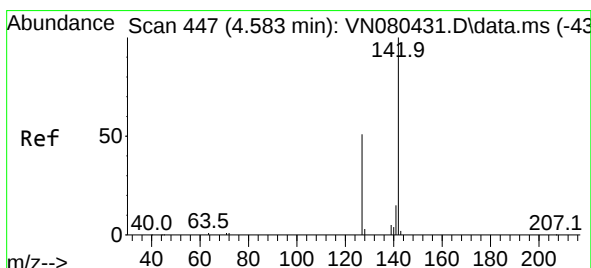
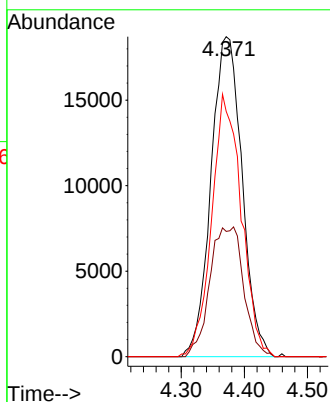
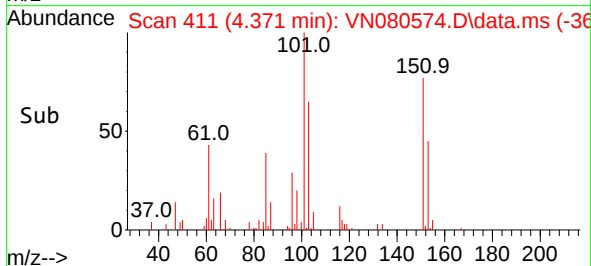
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



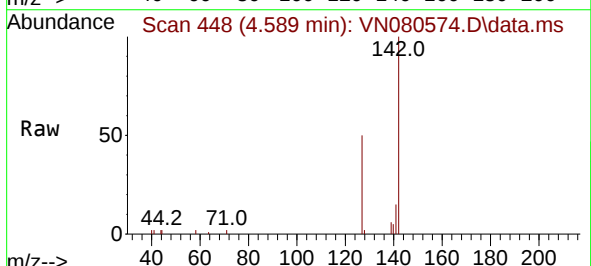
Tgt Ion:101 Resp: 63809
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 78.2 57.6 86.4

Manual Integrations
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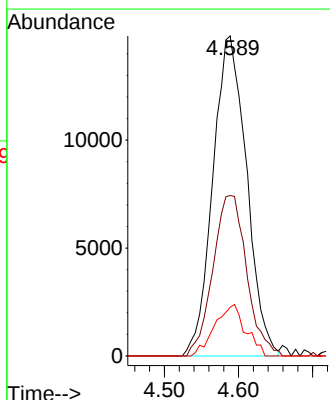
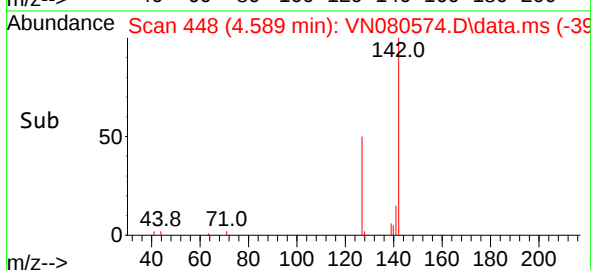
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

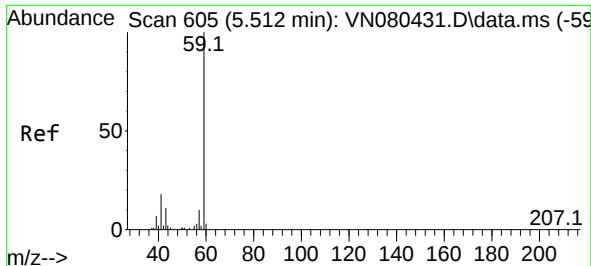


#10
Methyl Iodide
Concen: 14.471 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



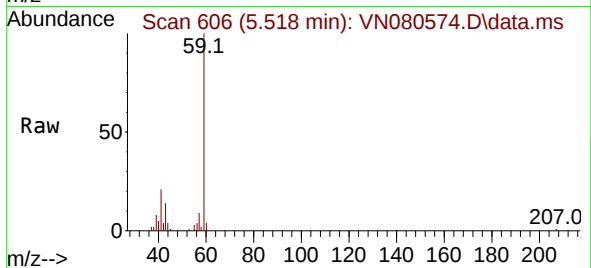
Tgt Ion:142 Resp: 46808
Ion Ratio Lower Upper
142 100
127 50.2 37.6 56.4
141 15.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 96.338 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

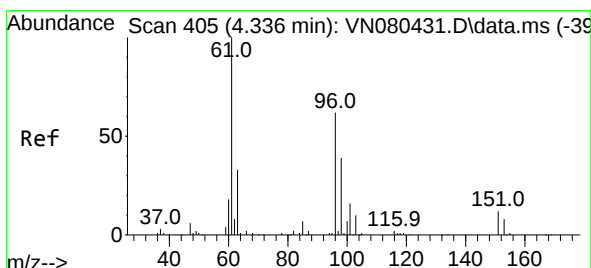
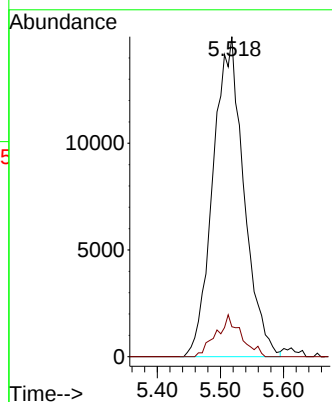
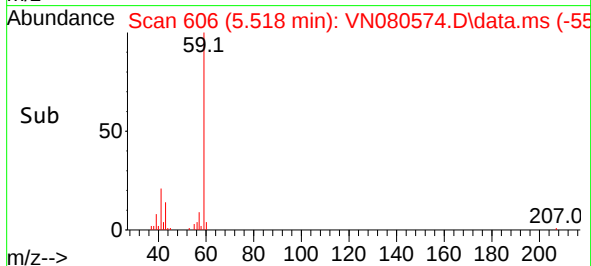
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



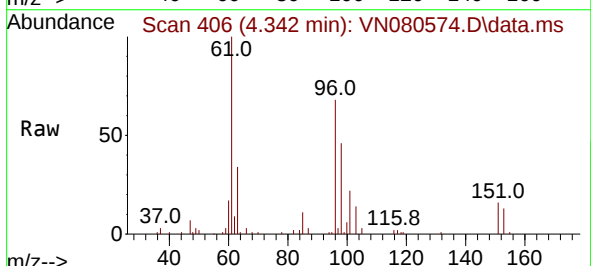
Tgt Ion: 59 Resp: 50793
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
APPROVED

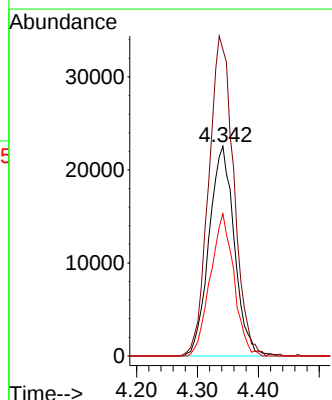
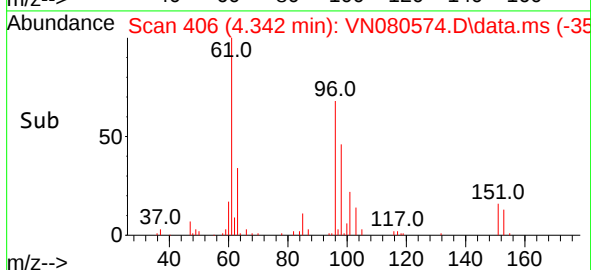
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

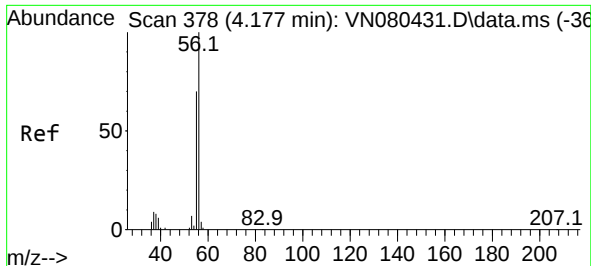


#12
1,1-Dichloroethene
Concen: 17.251 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



Tgt Ion: 96 Resp: 65003
Ion Ratio Lower Upper
96 100
61 146.2 112.7 169.1
98 67.8 51.2 76.8





#13

Acrolein

Concen: 107.924 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBSD01

Tgt Ion: 56 Resp: 6231

Ion Ratio Lower Upper

56 100

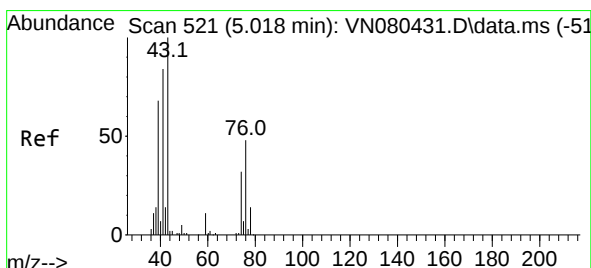
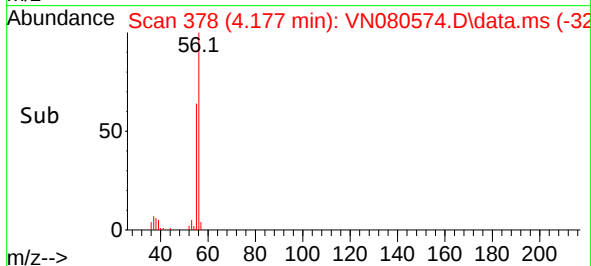
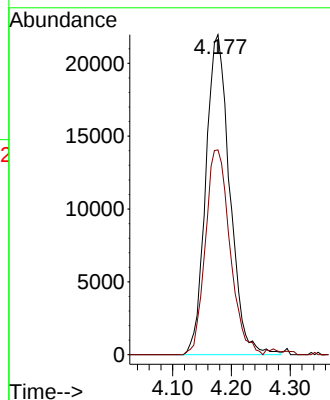
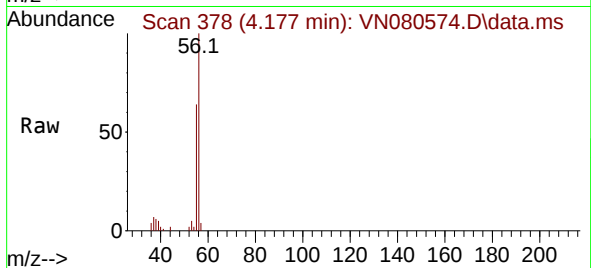
55 65.7 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#14

Allyl chloride

Concen: 18.034 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

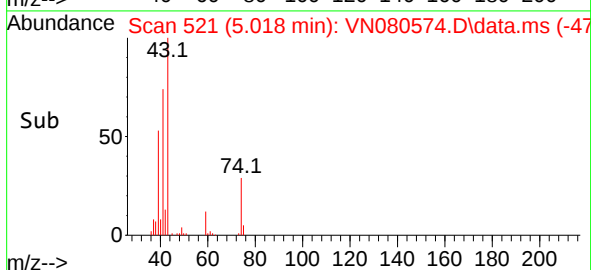
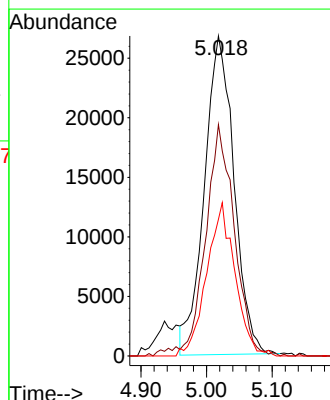
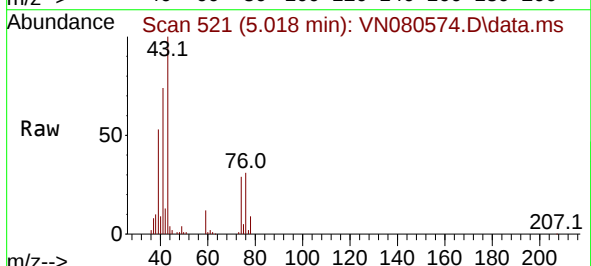
Tgt Ion: 41 Resp: 84072

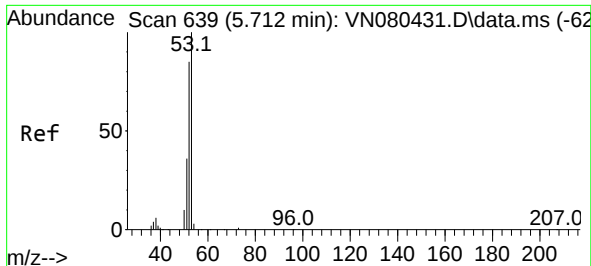
Ion Ratio Lower Upper

41 100

39 71.2 58.8 88.2

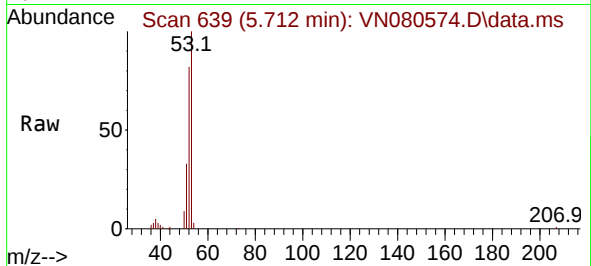
76 46.0 39.1 58.7





#15
Acrylonitrile
Concen: 101.009 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

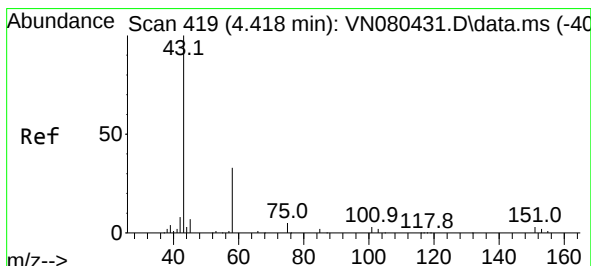
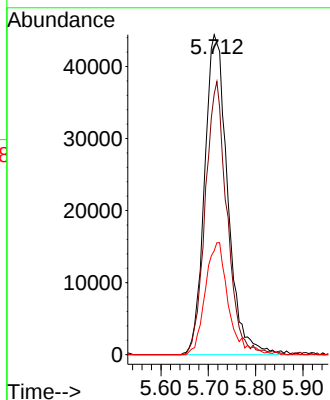
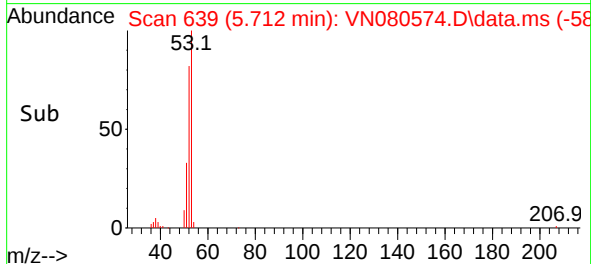
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



Tgt Ion: 53 Resp: 150470
Ion Ratio Lower Upper
53 100
52 80.1 65.3 97.9
51 35.1 28.9 43.3

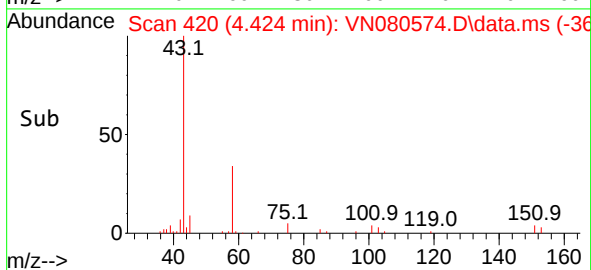
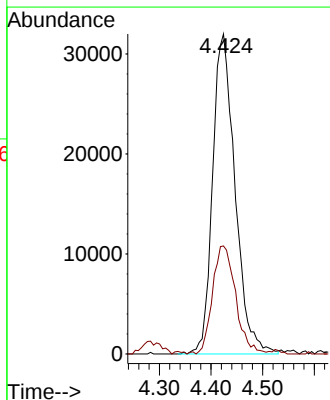
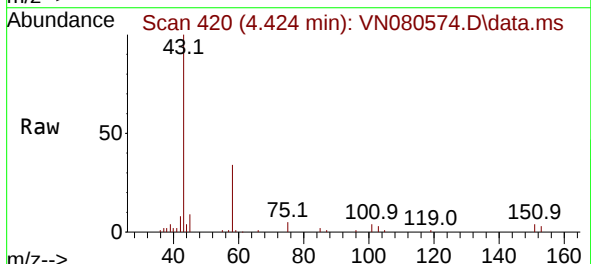
Manual Integrations
APPROVED

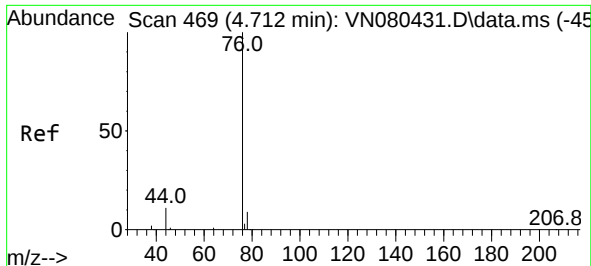
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#16
Acetone
Concen: 121.502 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

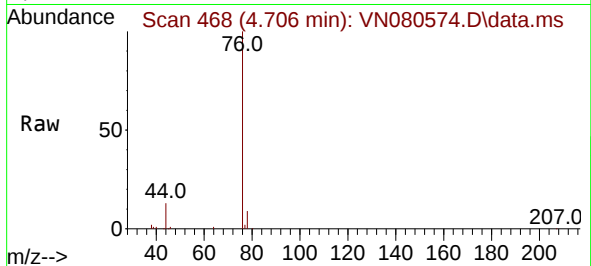
Tgt Ion: 43 Resp: 96445
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0





#17
Carbon Disulfide
Concen: 15.129 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

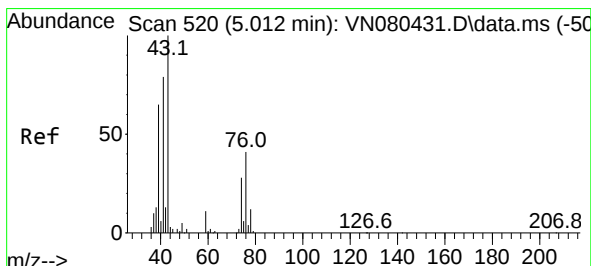
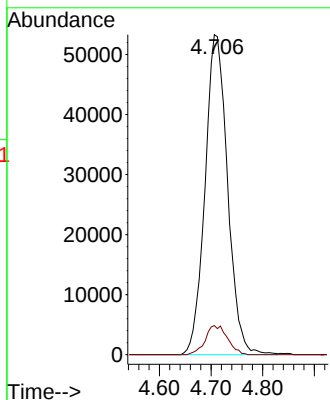
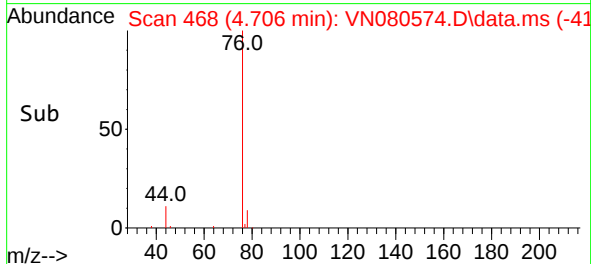
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



Tgt Ion: 76 Resp: 161550
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

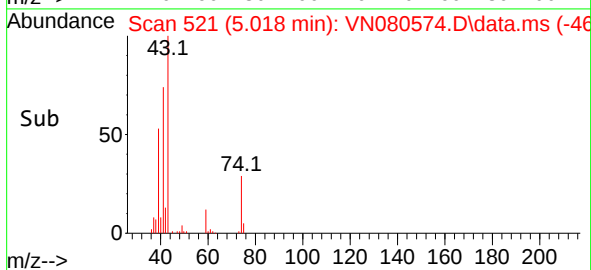
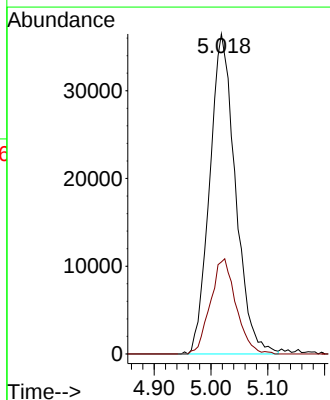
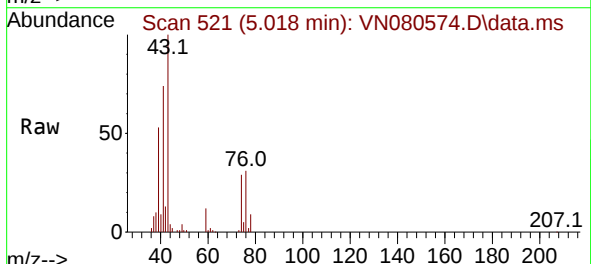
Manual Integrations
APPROVED

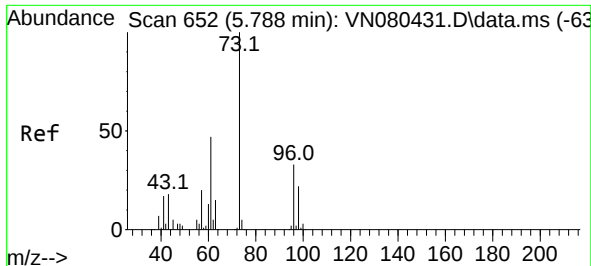
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#18
Methyl Acetate
Concen: 22.501 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Tgt Ion: 43 Resp: 114924
Ion Ratio Lower Upper
43 100
74 29.5 26.2 39.4





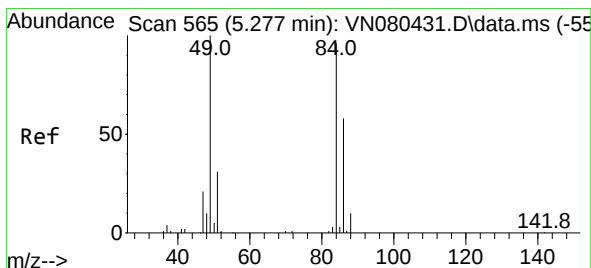
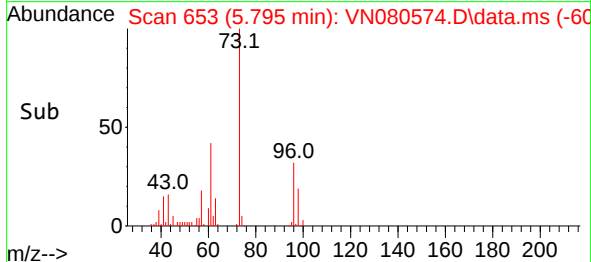
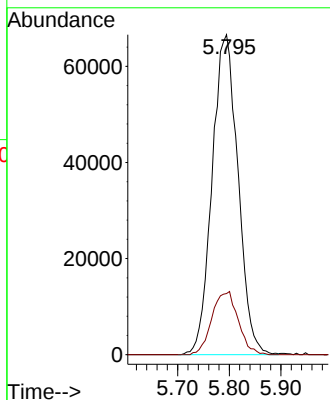
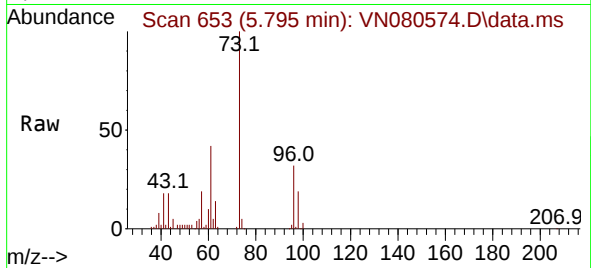
#19
Methyl tert-butyl Ether
Concen: 18.438 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01

Tgt Ion: 73 Resp: 23178
Ion Ratio Lower Upper
73 100
57 19.1 15.6 23.4

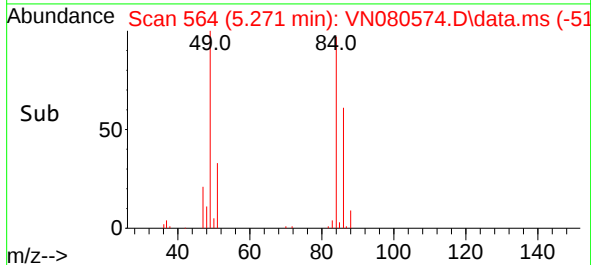
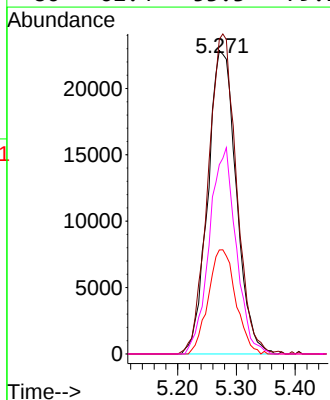
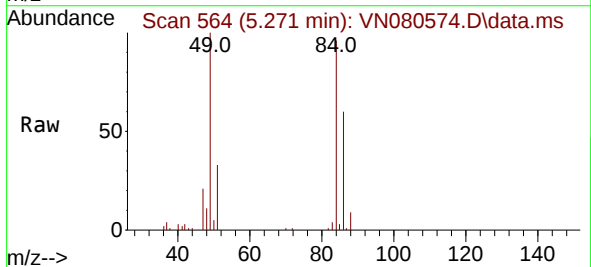
Manual Integrations
APPROVED

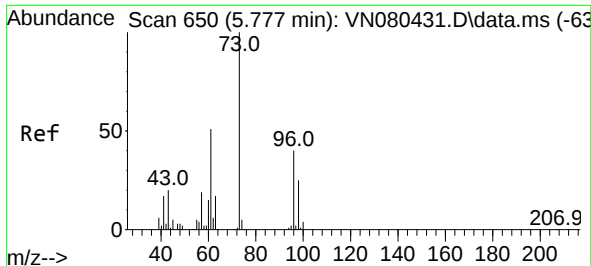
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#20
Methylene Chloride
Concen: 18.049 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Tgt Ion: 84 Resp: 76671
Ion Ratio Lower Upper
84 100
49 103.7 79.7 119.5
51 34.3 25.2 37.8
86 62.4 53.3 79.9





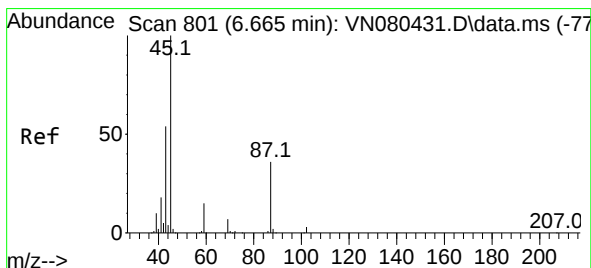
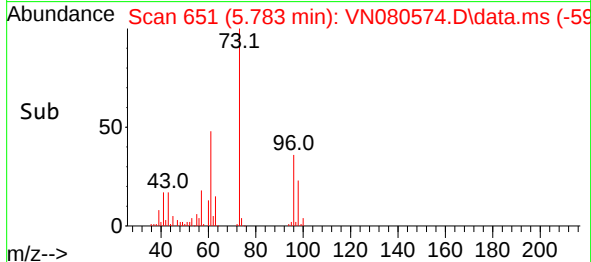
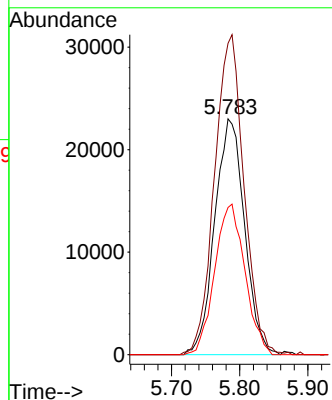
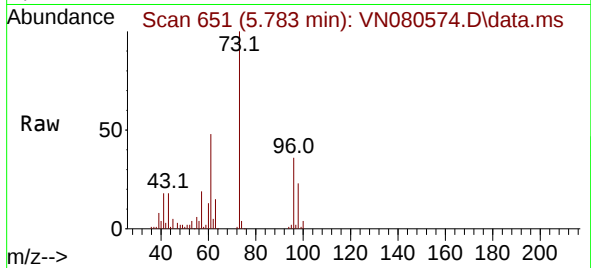
#21
trans-1,2-Dichloroethene
Concen: 17.136 ug/l
RT: 5.783 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01

Tgt Ion: 96 Resp: 7001
Ion Ratio Lower Upper
96 100
61 132.0 90.1 135.1
98 62.4 46.4 69.6

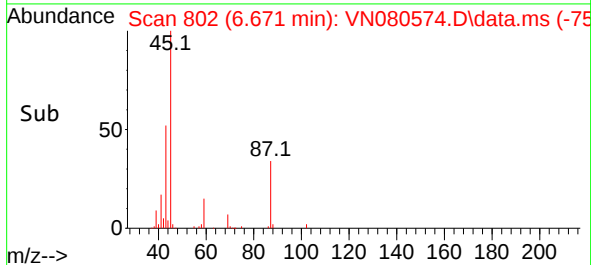
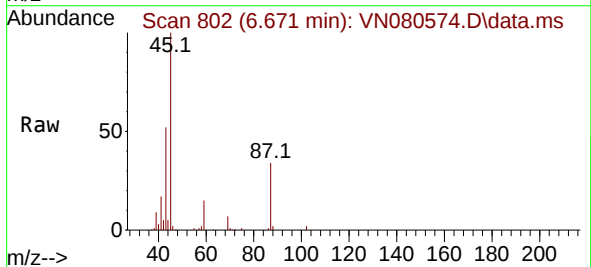
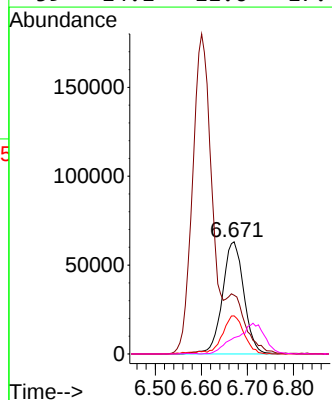
Manual Integrations
APPROVED

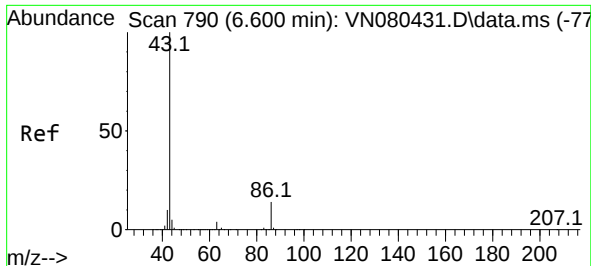
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#22
Diisopropyl ether
Concen: 20.278 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

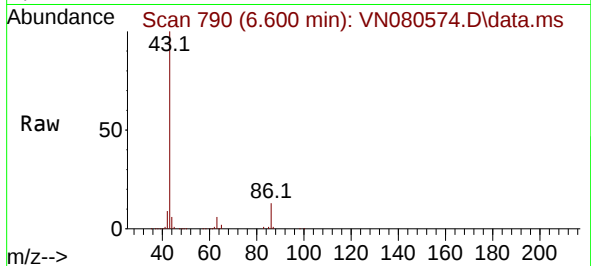
Tgt Ion: 45 Resp: 204035
Ion Ratio Lower Upper
45 100
43 51.3 45.5 68.3
87 34.0 31.8 47.8
59 14.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 89.879 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080574.D
 Acq: 21 Dec 2023 15:27

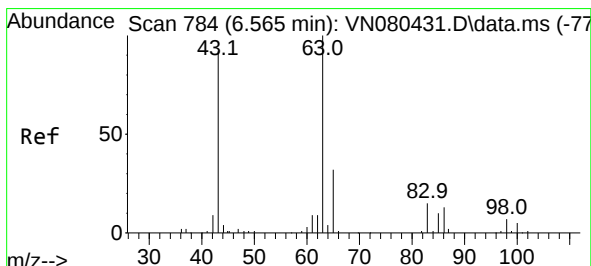
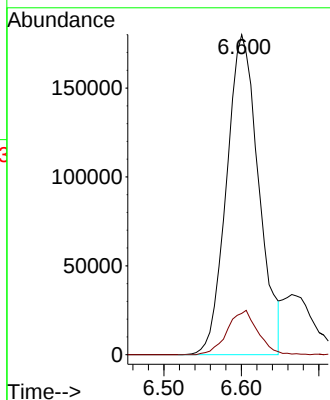
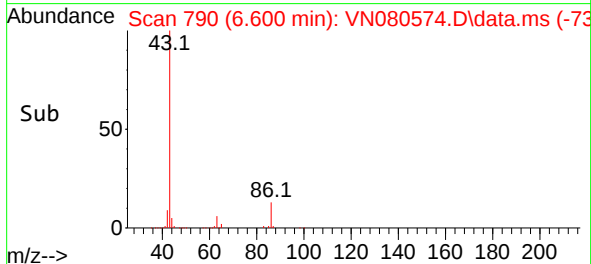
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBSD01



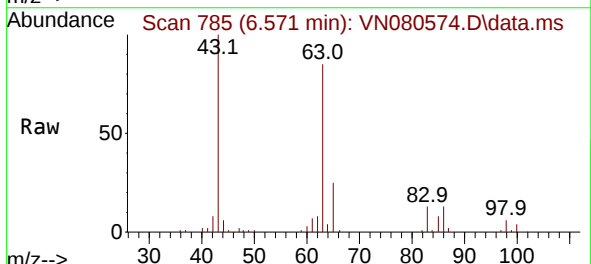
Tgt Ion: 43 Resp: 51940
 Ion Ratio Lower Upper
 43 100
 86 12.9 13.0 19.6

Manual Integrations
 APPROVED

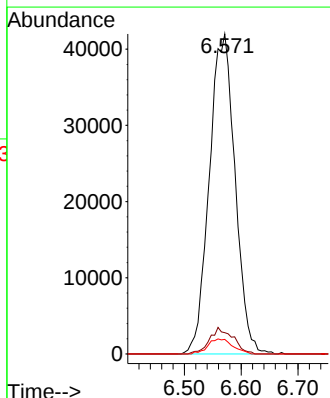
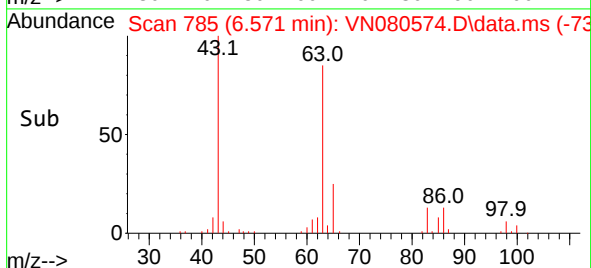
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023

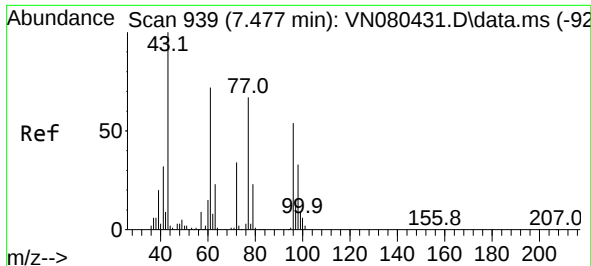


#24
 1,1-Dichloroethane
 Concen: 18.842 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080574.D
 Acq: 21 Dec 2023 15:27



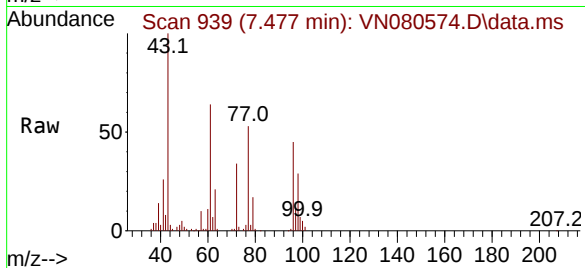
Tgt Ion: 63 Resp: 132270
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 111.933 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

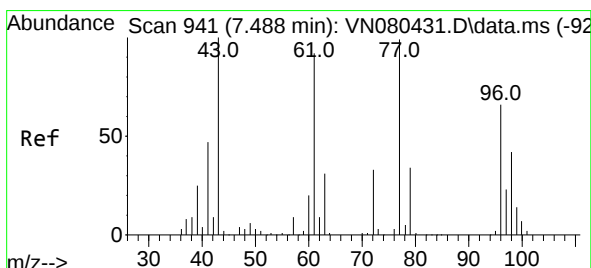
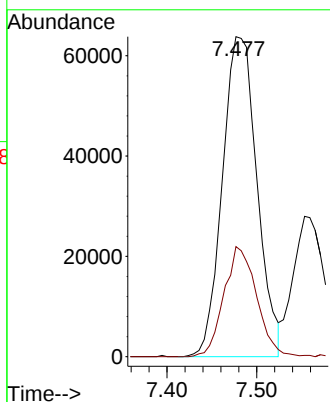
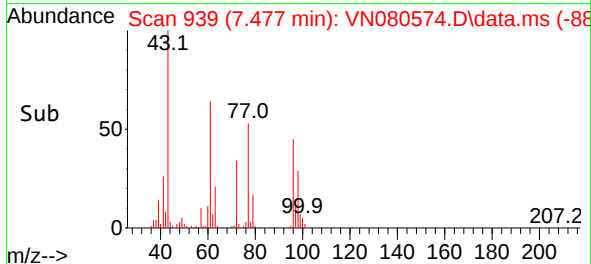
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



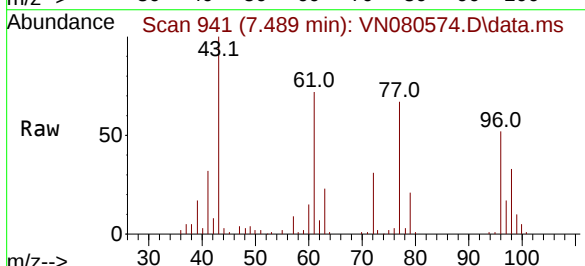
Tgt Ion: 43 Resp: 17116
Ion Ratio Lower Upper
43 100
72 34.4 30.2 45.2

Manual Integrations
APPROVED

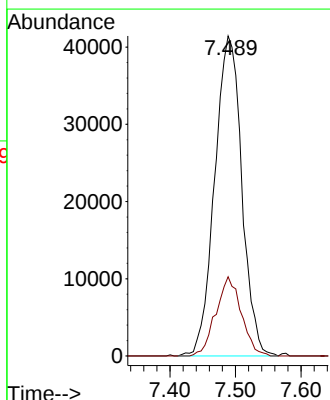
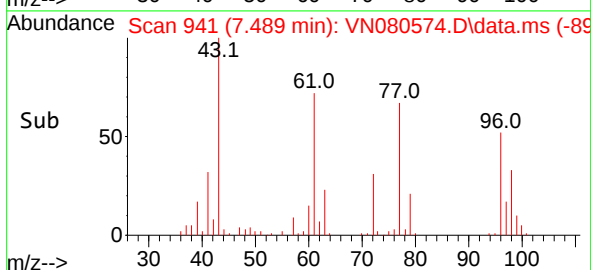
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

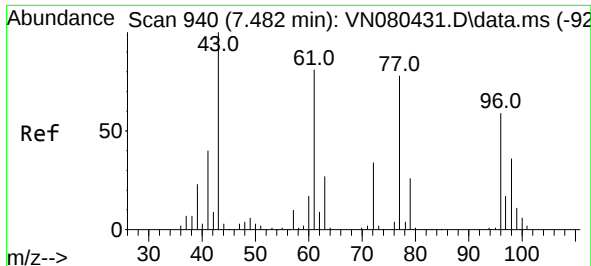


#26
2,2-Dichloropropane
Concen: 16.543 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



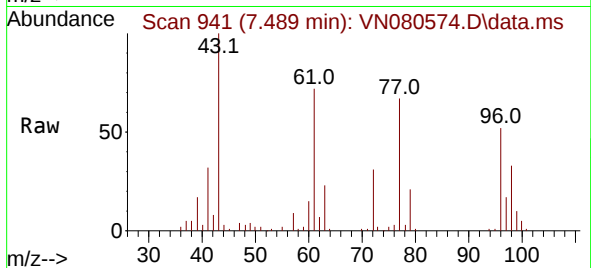
Tgt Ion: 77 Resp: 118753
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.451 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080574.D
 Acq: 21 Dec 2023 15:27

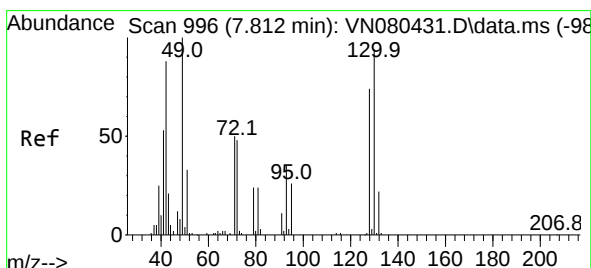
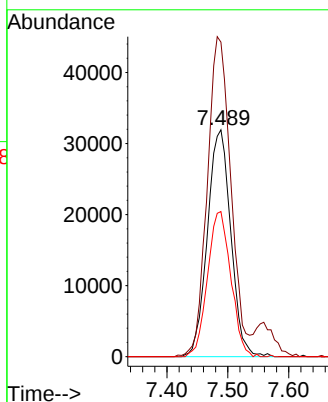
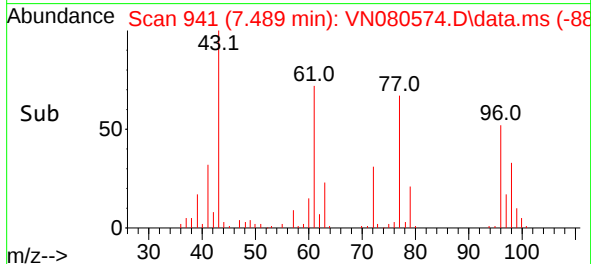
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBSD01



Tgt Ion: 96 Resp: 8533
 Ion Ratio Lower Upper
 96 100
 61 141.8 0.0 255.2
 98 63.6 0.0 128.8

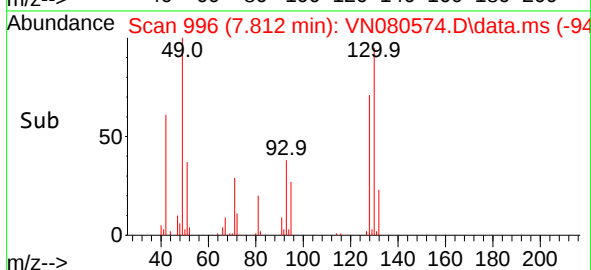
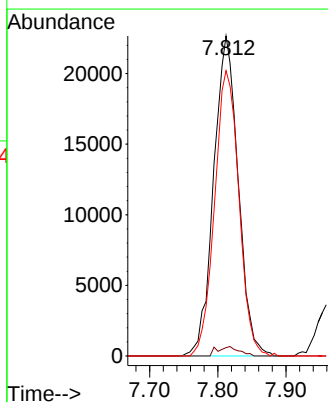
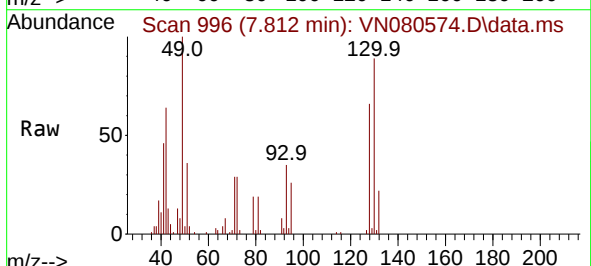
Manual Integrations
 APPROVED

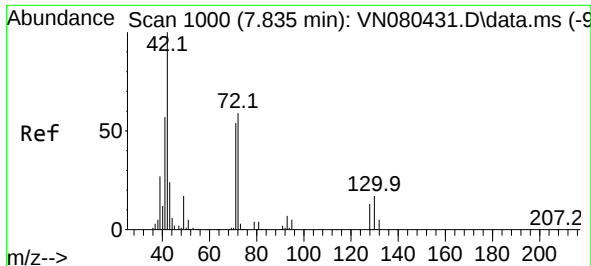
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#28
 Bromochloromethane
 Concen: 21.055 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080574.D
 Acq: 21 Dec 2023 15:27

Tgt Ion: 49 Resp: 56752
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 88.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 103.087 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBSD01

Tgt Ion: 42 Resp: 112879

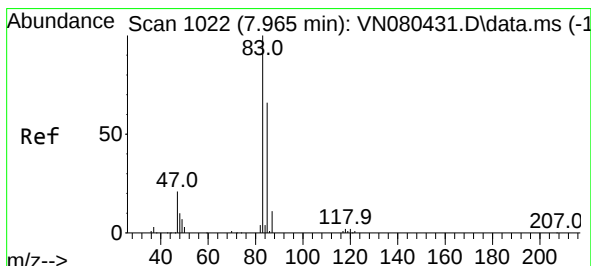
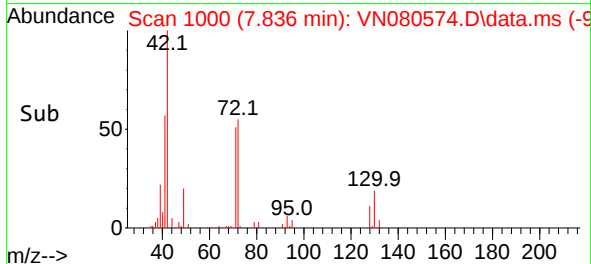
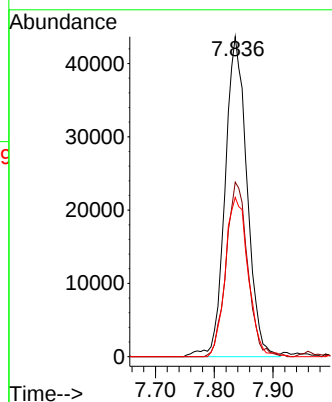
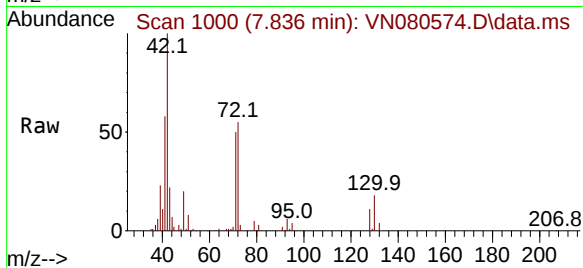
Ion	Ratio	Lower	Upper
42	100		
72	53.8	49.8	74.6
71	51.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#30

Chloroform

Concen: 18.265 ug/l

RT: 7.965 min Scan# 1022

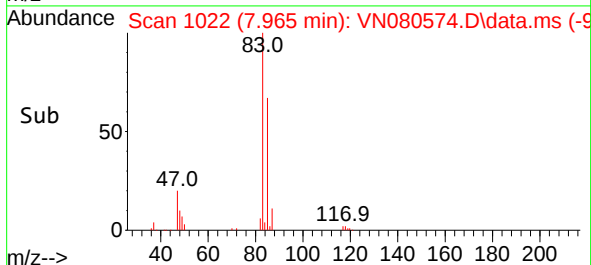
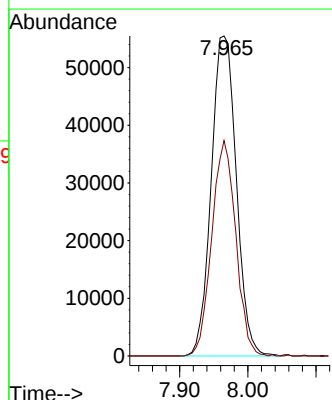
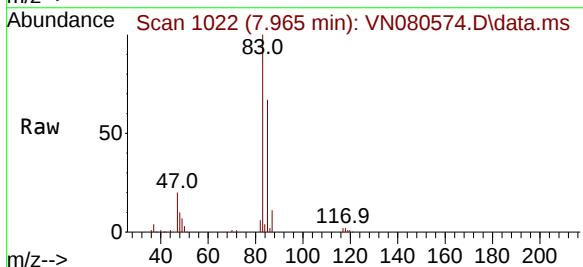
Delta R.T. 0.000 min

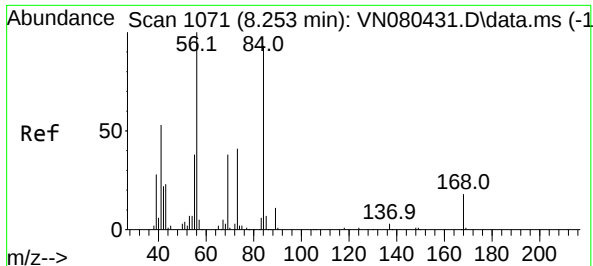
Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

Tgt Ion: 83 Resp: 142325

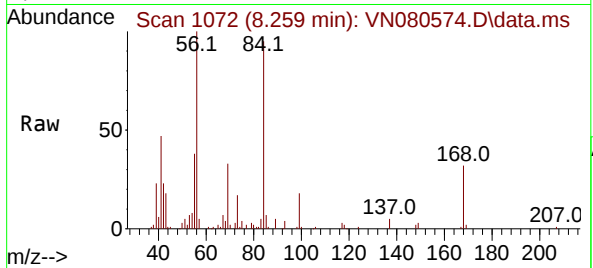
Ion	Ratio	Lower	Upper
83	100		
85	67.3	55.4	83.0





#31
Cyclohexane
Concen: 16.316 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

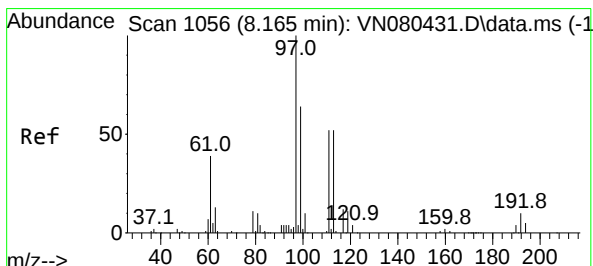
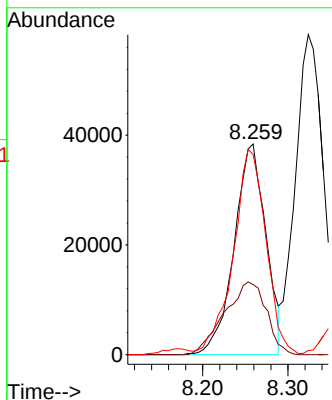
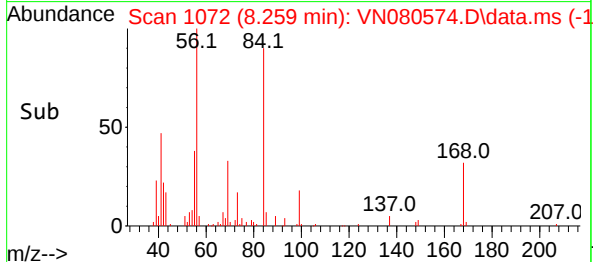
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



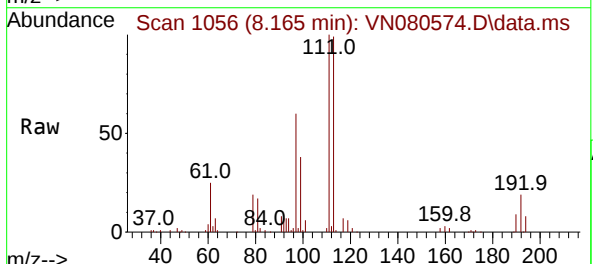
Tgt Ion: 56 Resp: 99329
Ion Ratio Lower Upper
56 100
69 33.3 26.8 40.2
84 92.2 81.8 122.6

Manual Integrations
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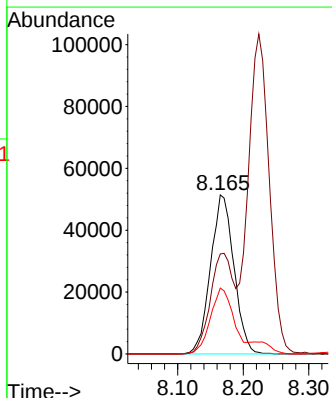
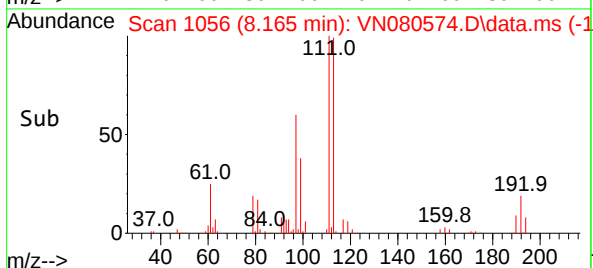
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

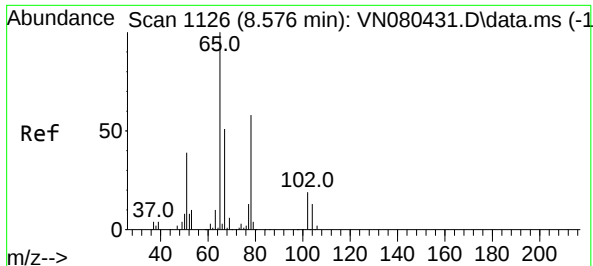


#32
1,1,1-Trichloroethane
Concen: 16.664 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



Tgt Ion: 97 Resp: 127136
Ion Ratio Lower Upper
97 100
99 62.2 50.3 75.5
61 41.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.131 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBSD01

Tgt Ion: 65 Resp: 23785

Ion Ratio Lower Upper

65 100

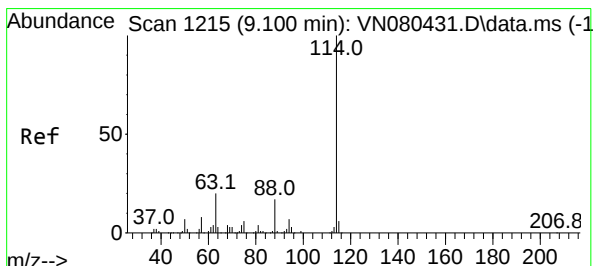
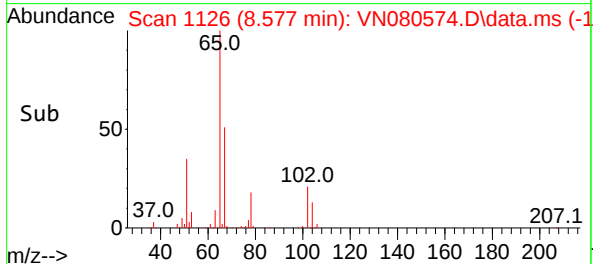
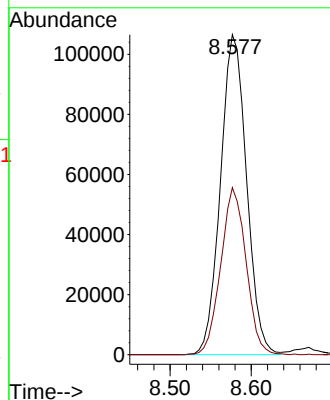
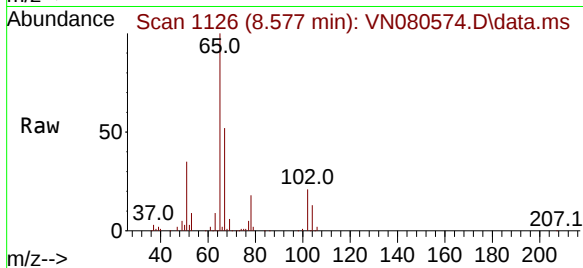
67 50.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

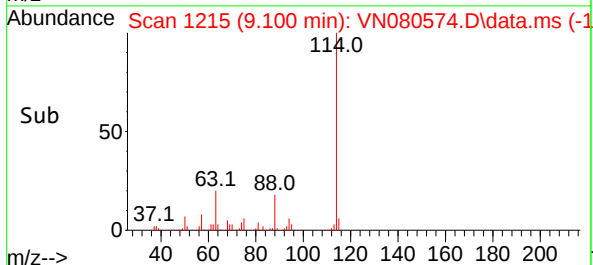
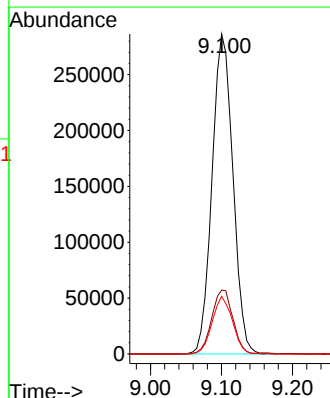
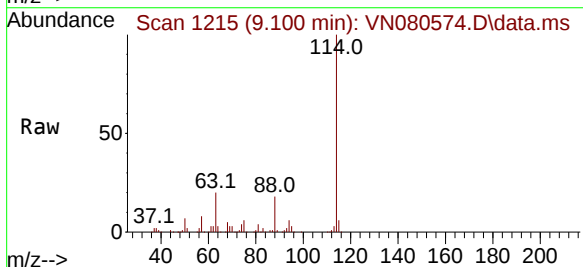
Tgt Ion:114 Resp: 584095

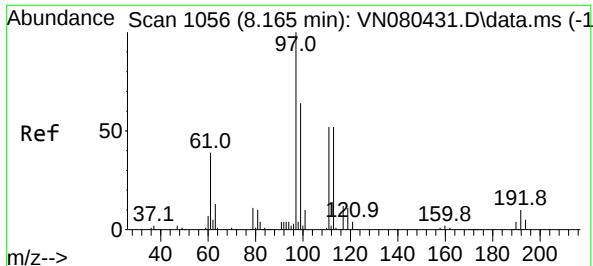
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

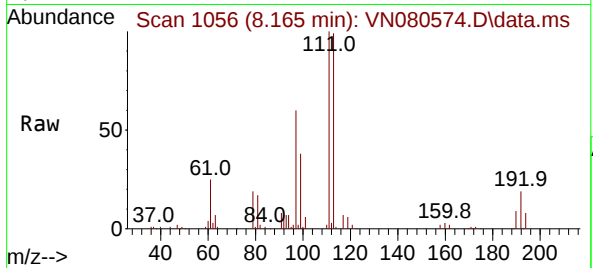
88 18.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.758 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

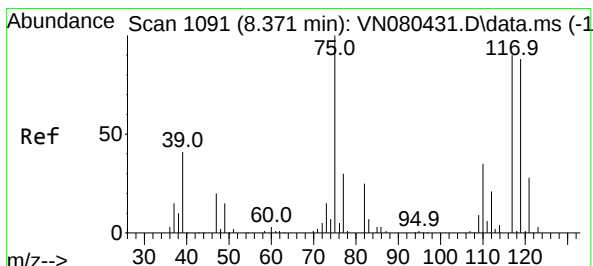
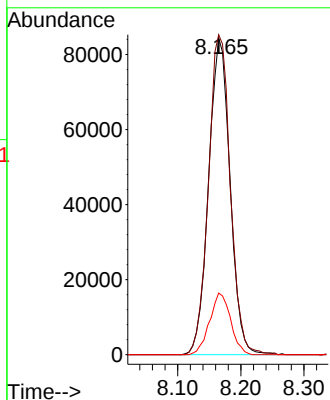
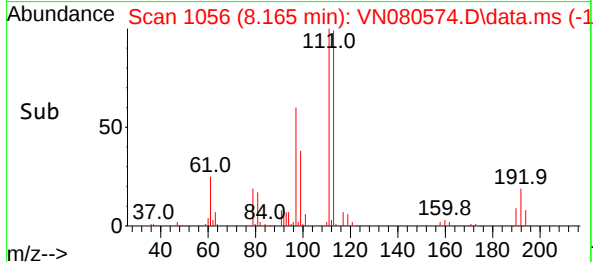
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



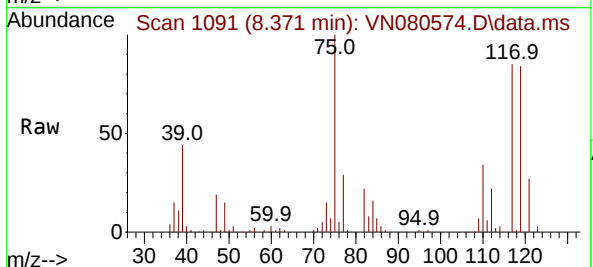
Tgt Ion: 113 Resp: 19908
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 19.1 12.7 19.1

Manual Integrations
APPROVED

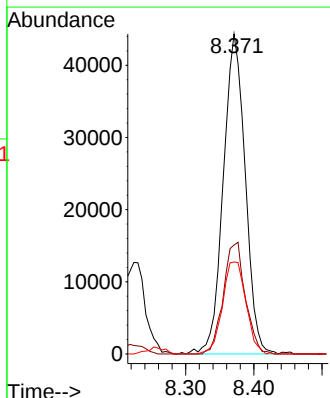
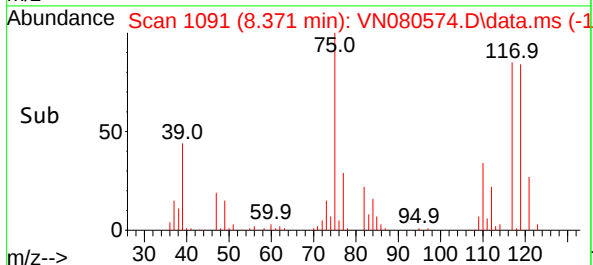
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

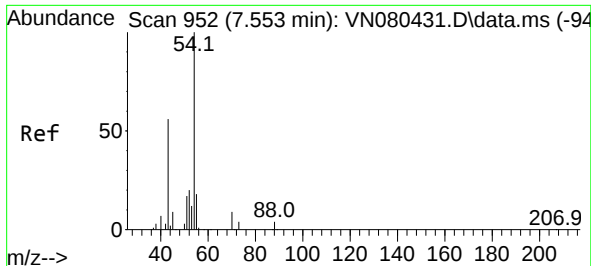


#36
1,1-Dichloropropene
Concen: 16.408 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



Tgt Ion: 75 Resp: 99354
Ion Ratio Lower Upper
75 100
110 35.0 19.1 57.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 18.806 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBSD01

Tgt Ion: 43 Resp: 71310

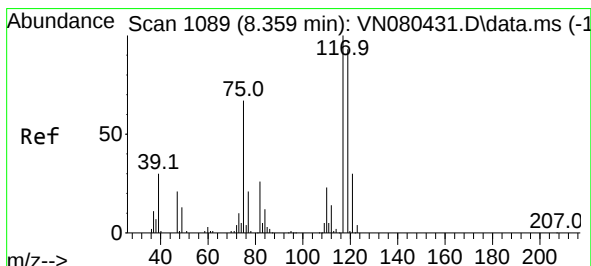
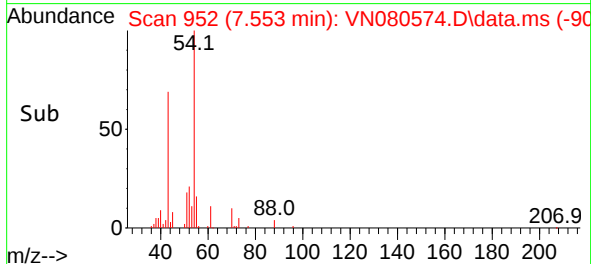
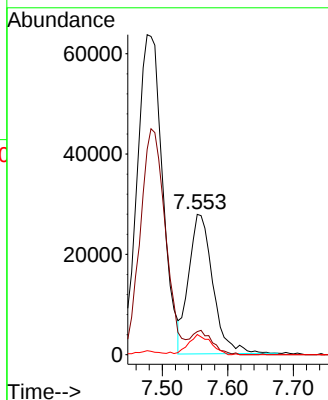
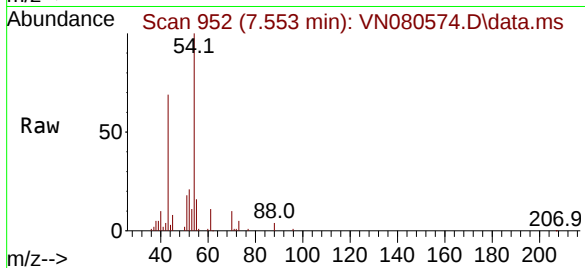
Ion	Ratio	Lower	Upper
43	100		
61	15.3	13.2	19.8
70	13.6	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#38

Carbon Tetrachloride

Concen: 15.305 ug/l

RT: 8.359 min Scan# 1089

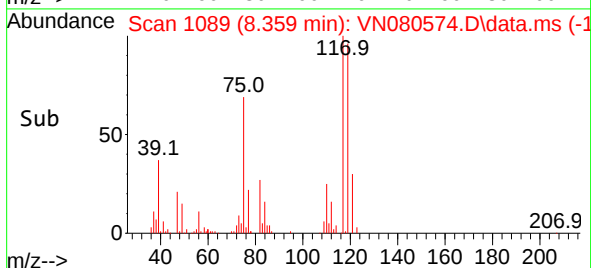
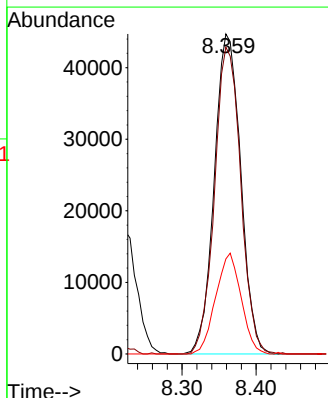
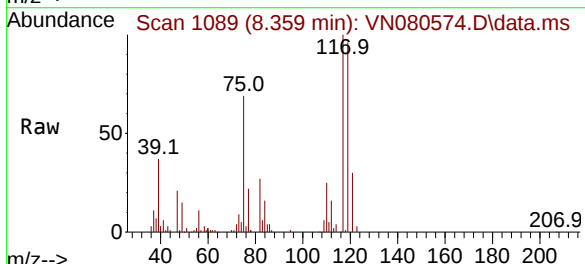
Delta R.T. 0.000 min

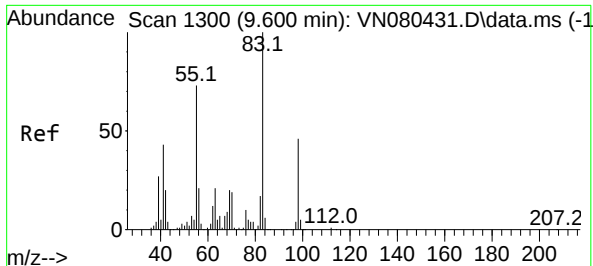
Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

Tgt Ion:117 Resp: 110736

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.3	115.9
121	29.7	23.3	34.9





#39

Methylcyclohexane

Concen: 14.635 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBSD01

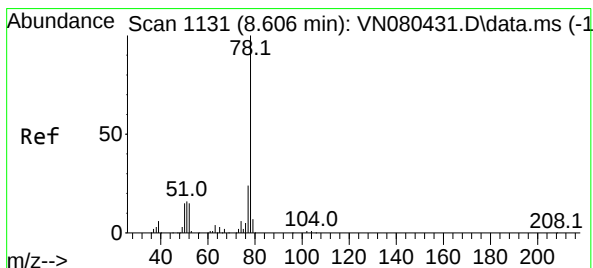
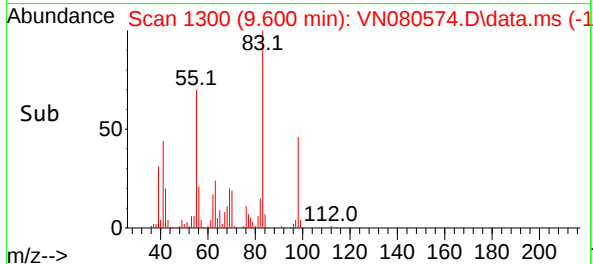
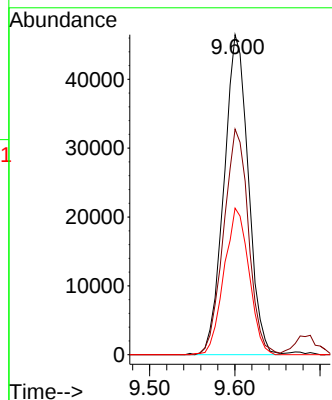
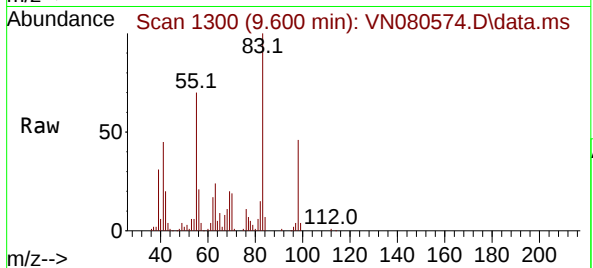
Tgt Ion:	83	Resp:	9206
Ion Ratio	Lower	Upper	
83	100		
55	70.5	49.1	73.7
98	45.8	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#40

Benzene

Concen: 17.246 ug/l

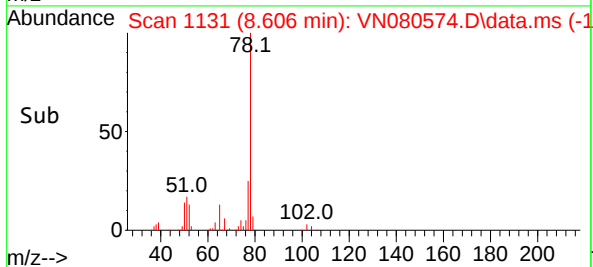
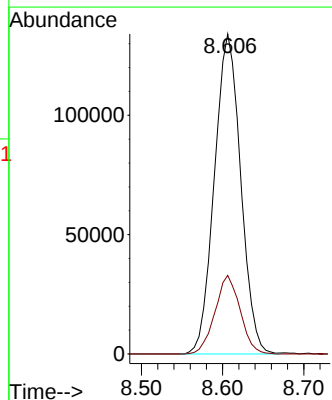
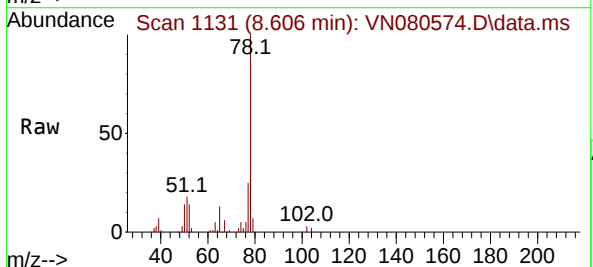
RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

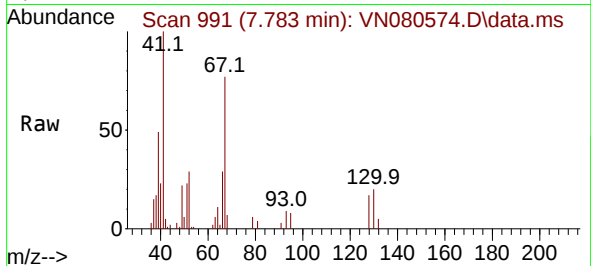
Tgt Ion:	78	Resp:	301560
Ion Ratio	Lower	Upper	
78	100		
77	24.6	19.0	28.6





#41
Methacrylonitrile
Concen: 19.899 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

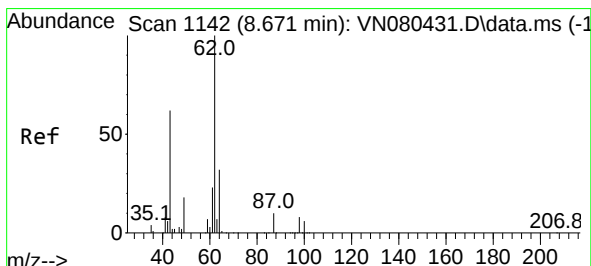
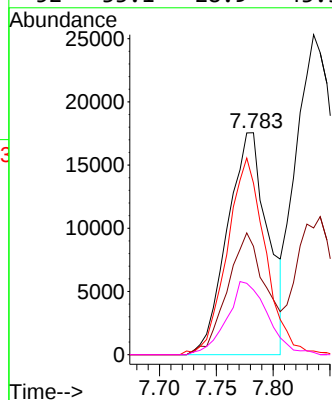
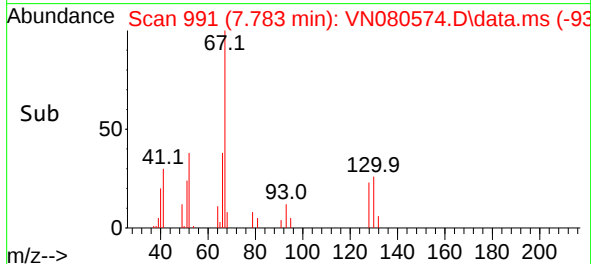
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



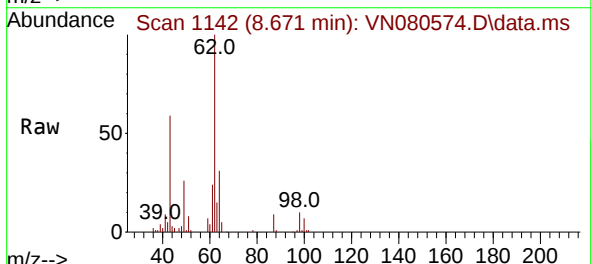
Tgt Ion: 41 Resp: 43499
Ion Ratio Lower Upper
41 100
39 52.6 42.6 64.0
67 83.8 77.5 116.3
52 33.1 28.9 43.3

Manual Integrations
APPROVED

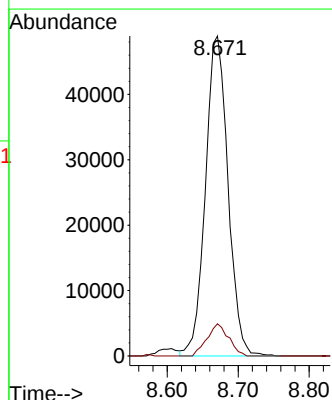
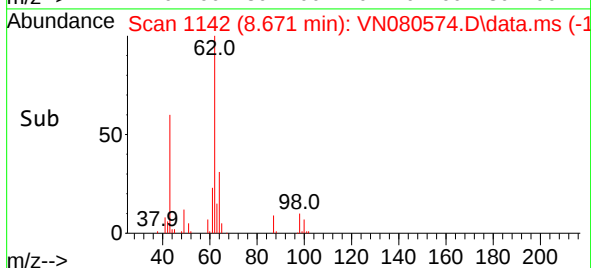
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

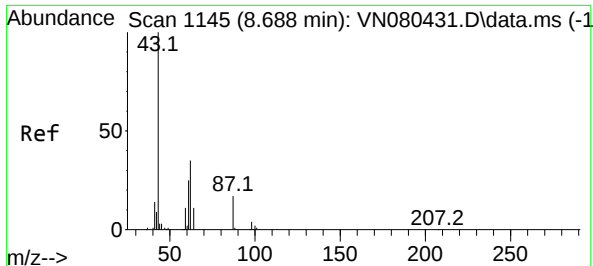


#42
1,2-Dichloroethane
Concen: 16.689 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



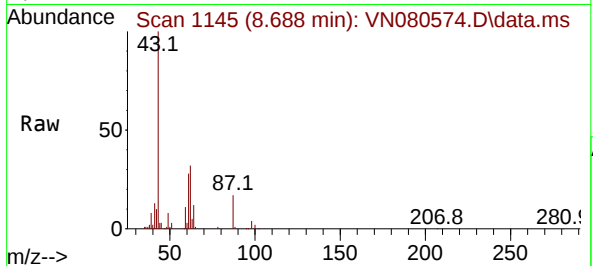
Tgt Ion: 62 Resp: 108061
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.967 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

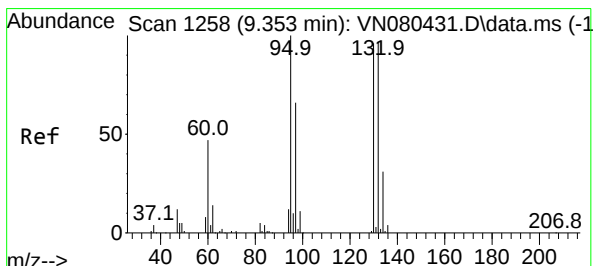
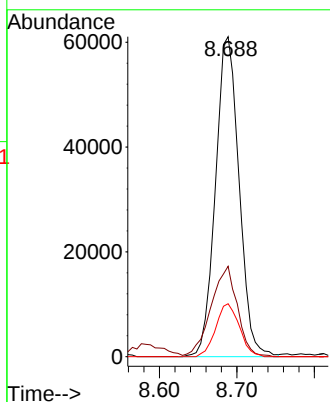
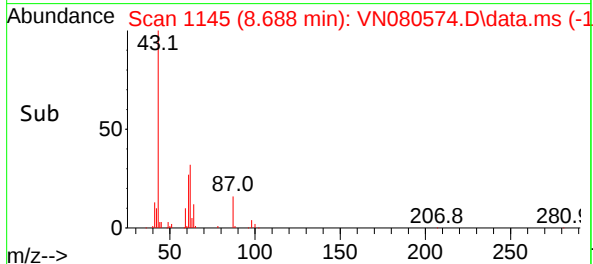
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



Tgt Ion: 43 Resp: 129310
Ion Ratio Lower Upper
43 100
61 31.5 24.7 37.1
87 16.6 14.6 21.8

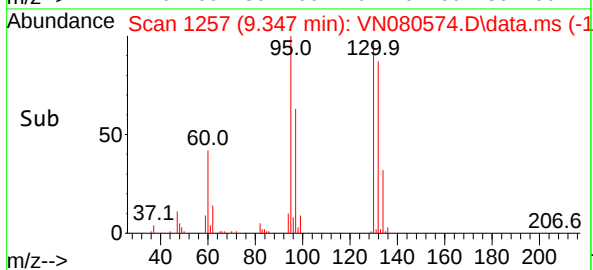
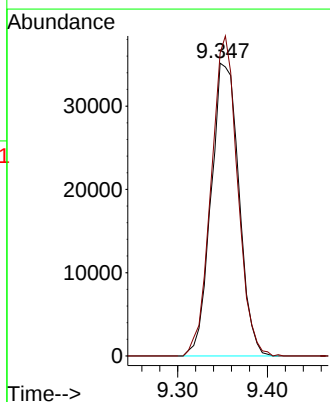
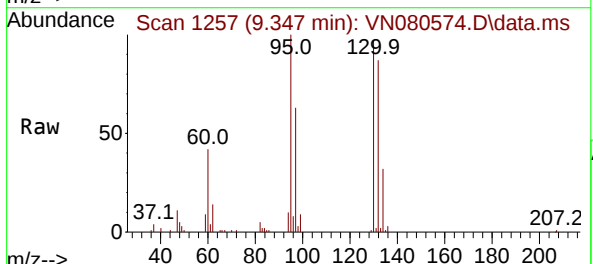
Manual Integrations
APPROVED

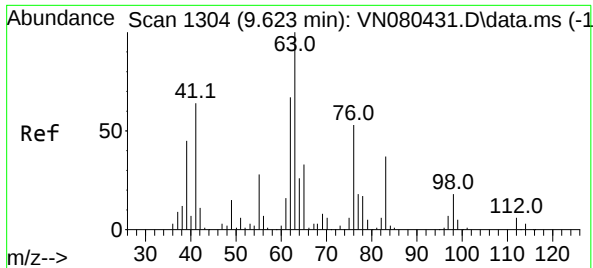
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#44
Trichloroethene
Concen: 16.038 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Tgt Ion:130 Resp: 75599
Ion Ratio Lower Upper
130 100
95 103.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.493 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBSD01

Tgt Ion: 63 Resp: 7594

Ion Ratio Lower Upper

63 100

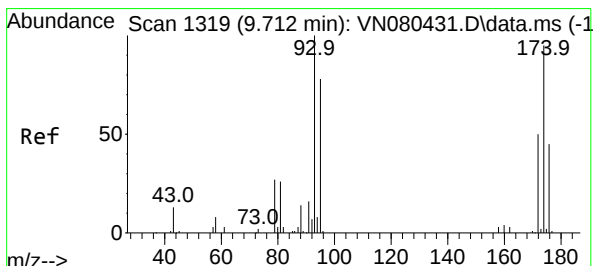
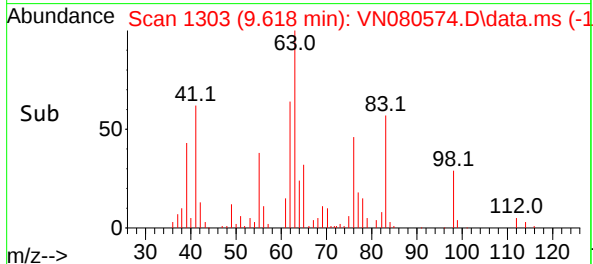
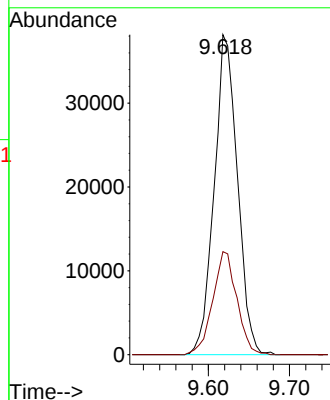
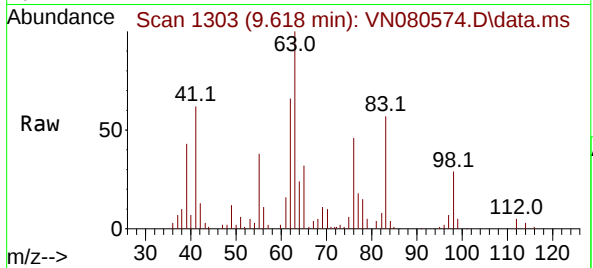
65 32.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#46

Dibromomethane

Concen: 17.553 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

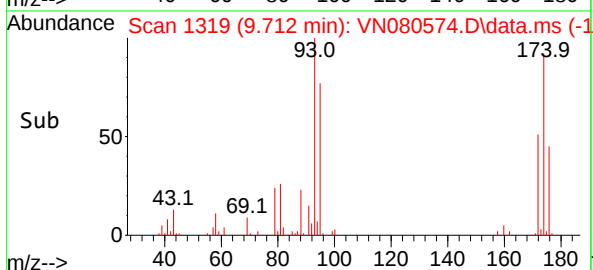
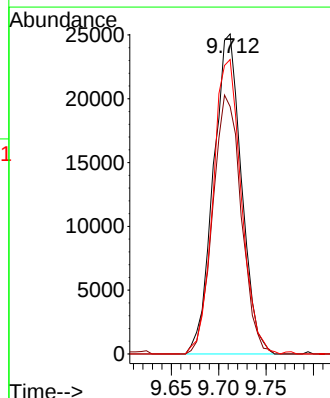
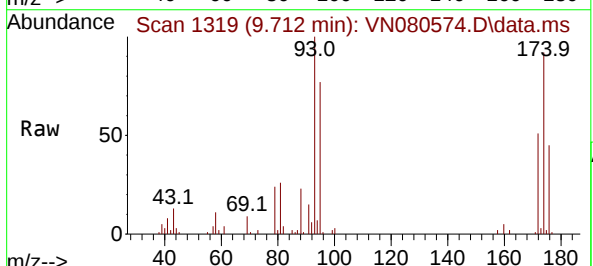
Tgt Ion: 93 Resp: 51769

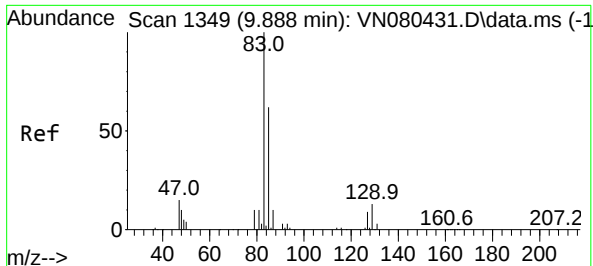
Ion Ratio Lower Upper

93 100

95 81.9 63.8 95.8

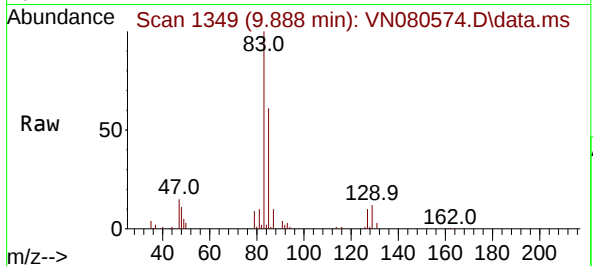
174 92.5 65.6 98.4





#47
Bromodichloromethane
Concen: 17.283 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

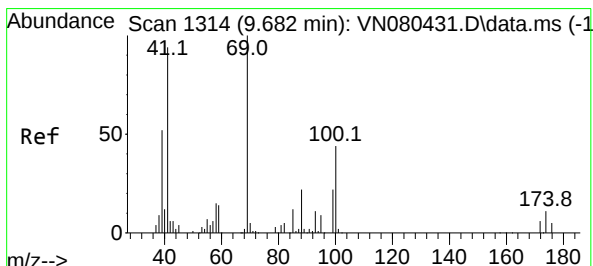
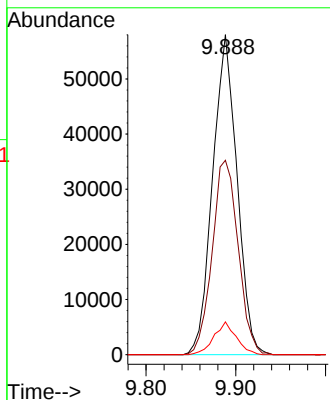
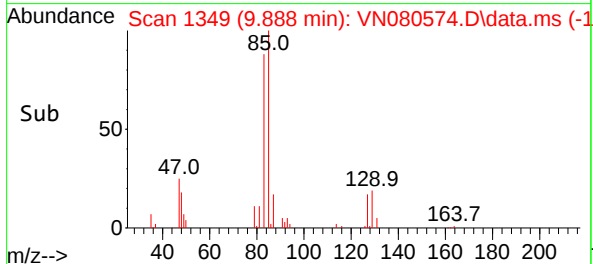
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



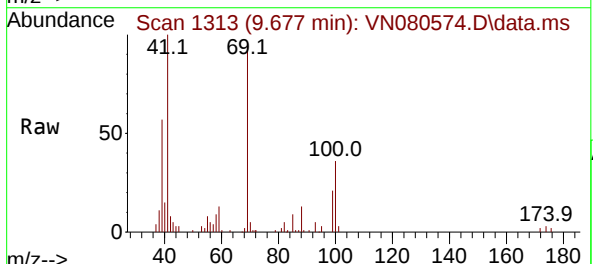
Tgt Ion: 83 Resp: 109240
Ion Ratio Lower Upper
83 100
85 60.8 49.6 74.4
127 10.3 7.0 10.6

Manual Integrations
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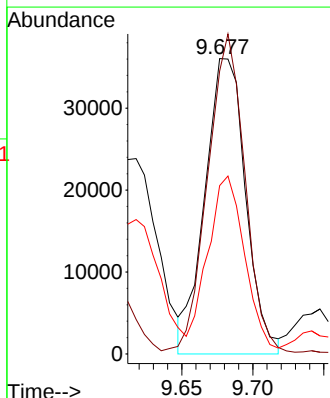
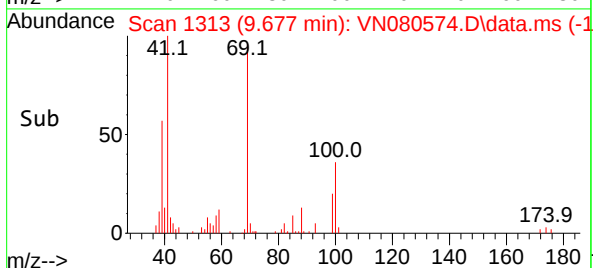
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

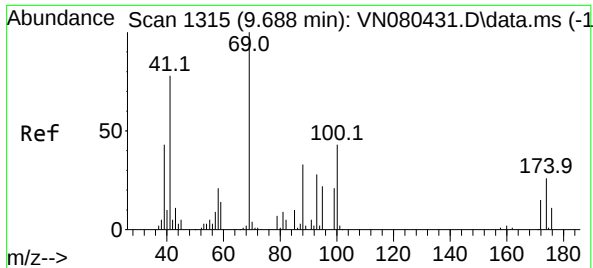


#48
Methyl methacrylate
Concen: 17.704 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



Tgt Ion: 41 Resp: 72032
Ion Ratio Lower Upper
41 100
69 98.1 90.4 135.6
39 55.4 54.6 81.8





#49

1,4-Dioxane

Concen: 365.664 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBSD01

Tgt Ion: 88 Resp: 22550

Ion Ratio Lower Upper

88 100

43 24.6 17.0 25.6

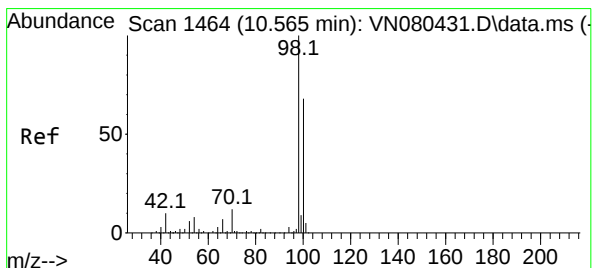
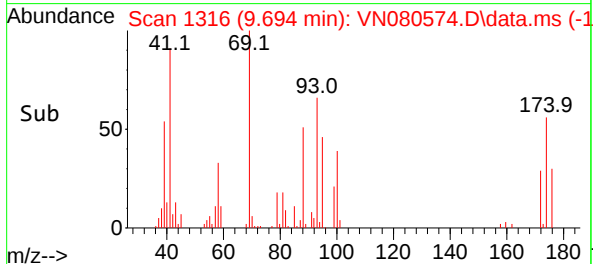
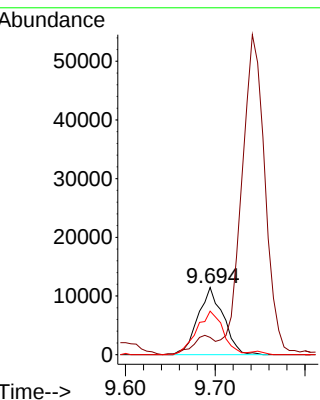
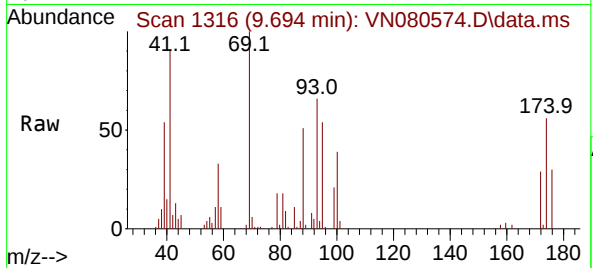
58 67.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#50

Toluene-d8

Concen: 52.228 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080574.D

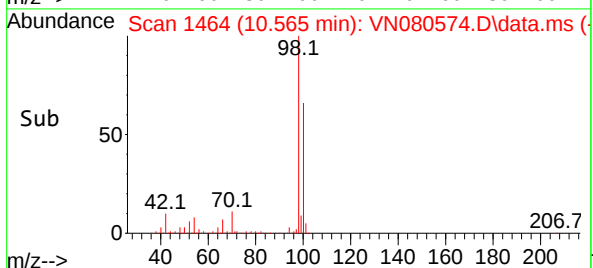
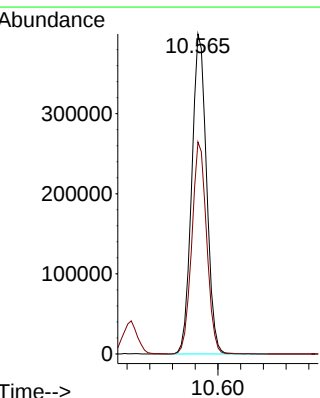
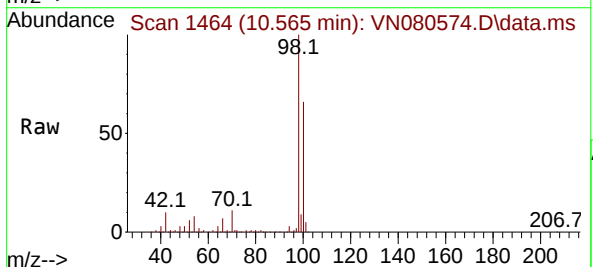
Acq: 21 Dec 2023 15:27

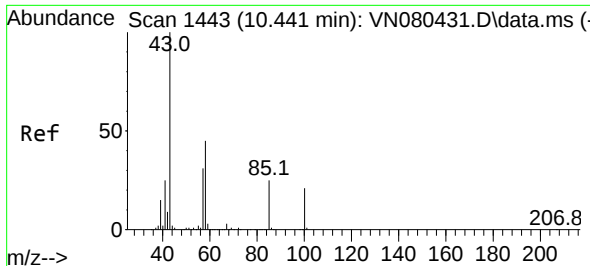
Tgt Ion: 98 Resp: 721357

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0





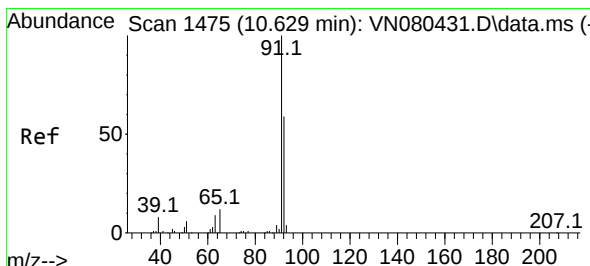
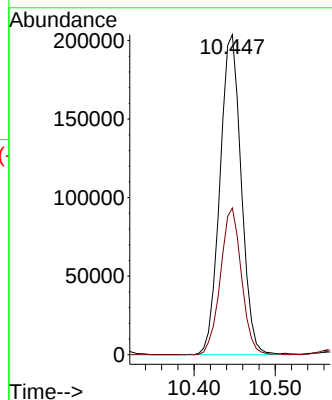
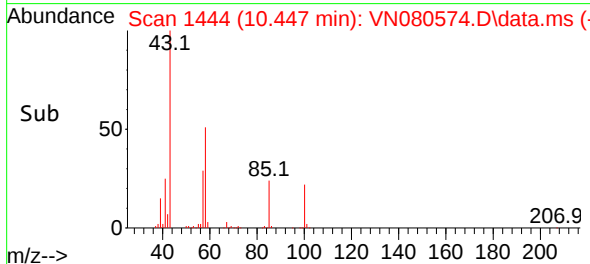
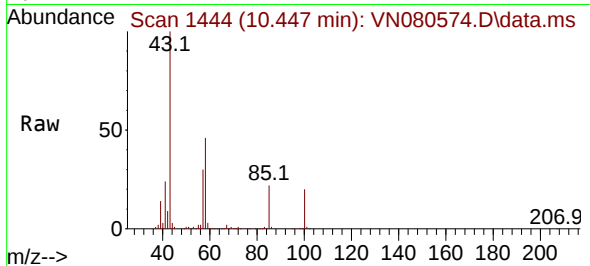
#51
4-Methyl-2-Pentanone
Concen: 98.952 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01

Tgt Ion: 43 Resp: 37155
Ion Ratio Lower Upper
43 100
58 45.2 36.6 54.8

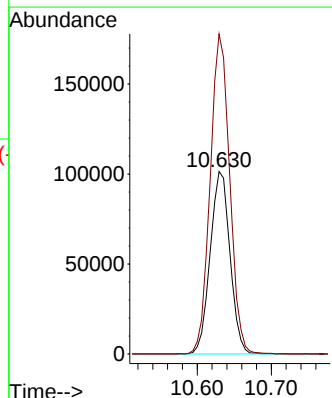
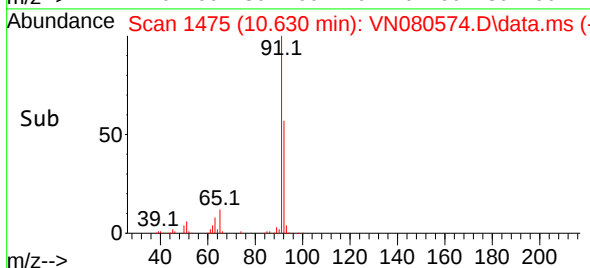
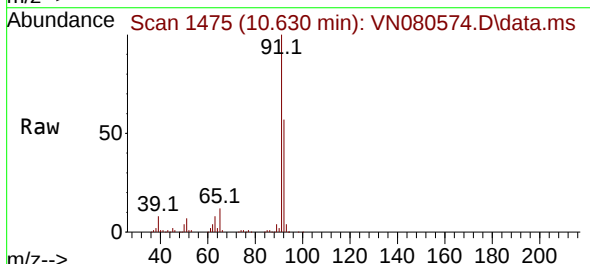
Manual Integrations
APPROVED

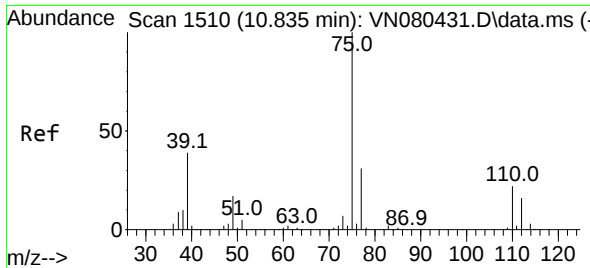
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#52
Toluene
Concen: 17.024 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

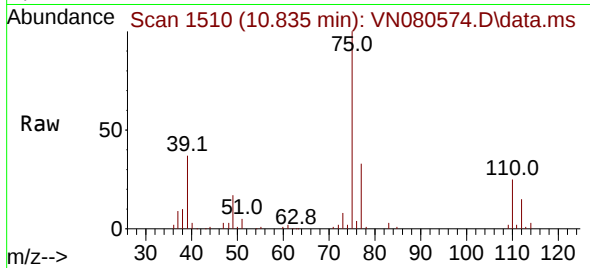
Tgt Ion: 92 Resp: 188045
Ion Ratio Lower Upper
92 100
91 173.1 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 16.833 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

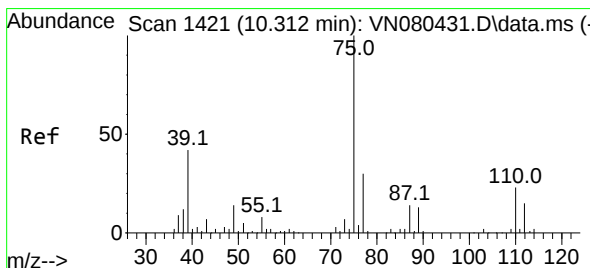
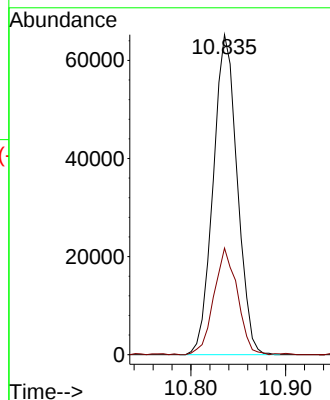
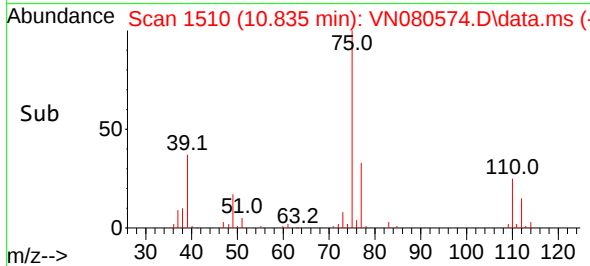
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



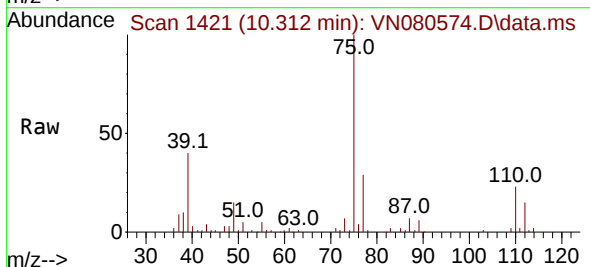
Tgt Ion: 75 Resp: 115119
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.0

Manual Integrations
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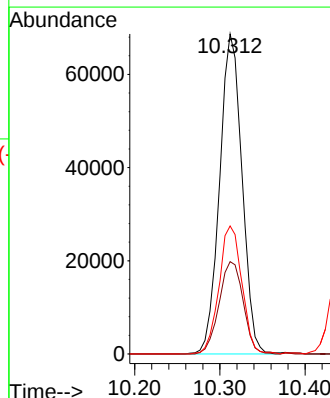
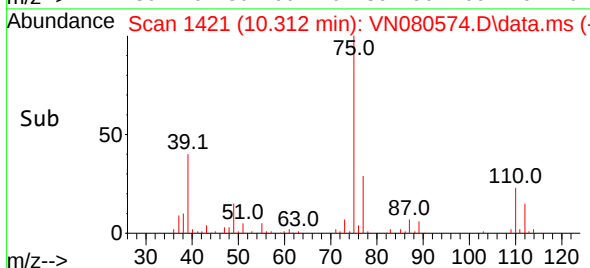
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

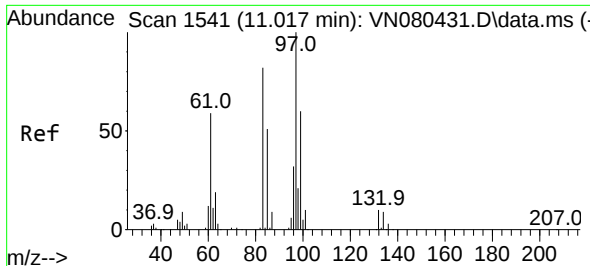


#54
cis-1,3-Dichloropropene
Concen: 17.161 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



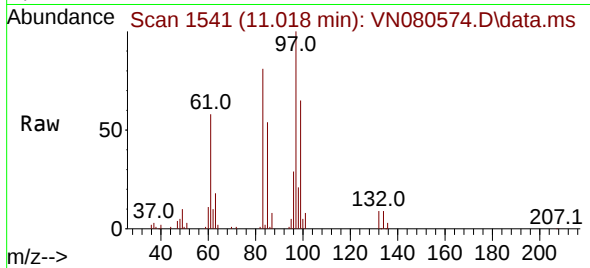
Tgt Ion: 75 Resp: 125440
Ion Ratio Lower Upper
75 100
77 28.9 26.1 39.1
39 40.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 18.481 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

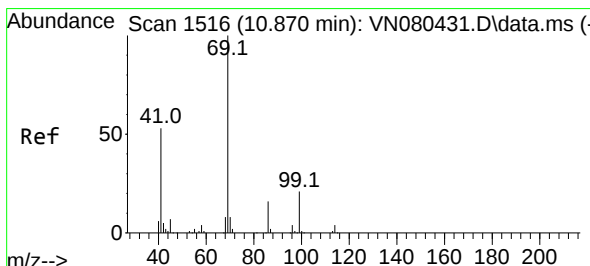
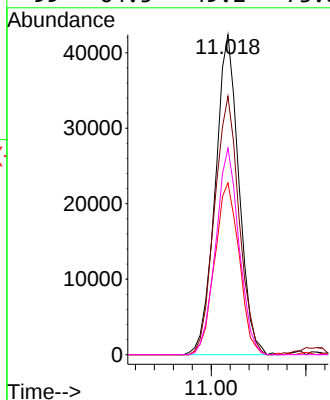
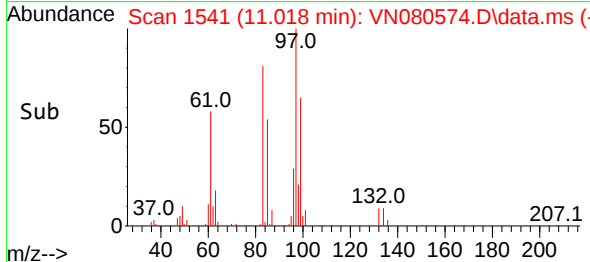
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



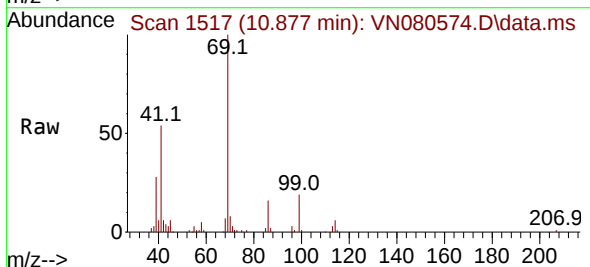
Tgt Ion:	97	Resp:	7345
Ion	Ratio	Lower	Upper
97	100		
83	80.8	65.1	97.7
85	53.7	43.4	65.2
99	64.5	49.2	73.8

Manual Integrations
APPROVED

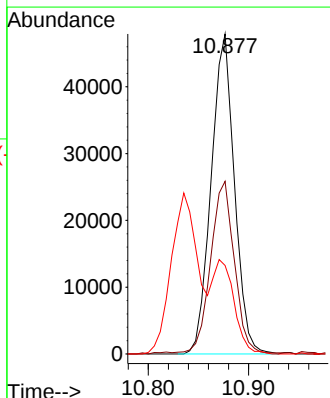
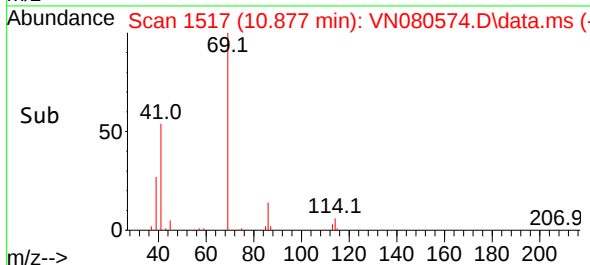
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

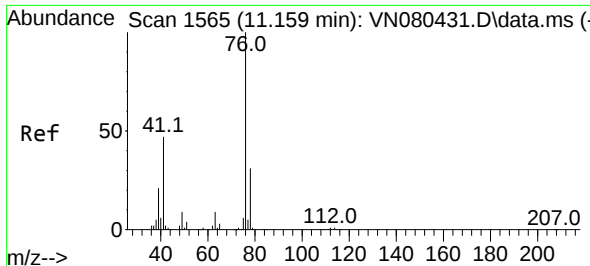


#56
Ethyl methacrylate
Concen: 17.549 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



Tgt Ion:	69	Resp:	77225
Ion	Ratio	Lower	Upper
69	100		
41	54.1	39.6	59.4
39	27.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.109 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBSD01

Tgt Ion: 76 Resp: 12617

Ion Ratio Lower Upper

76 100

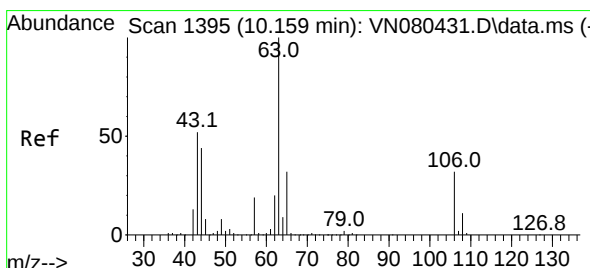
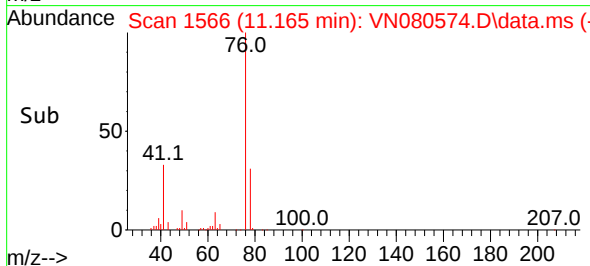
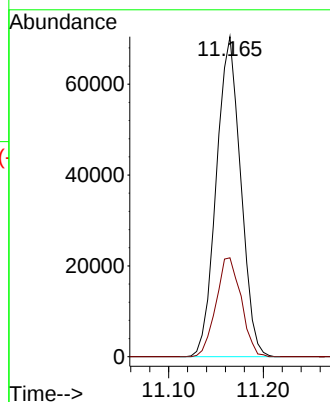
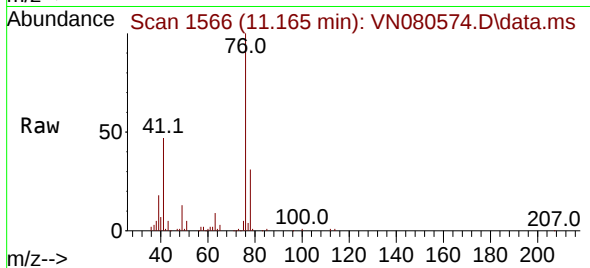
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 82.138 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080574.D

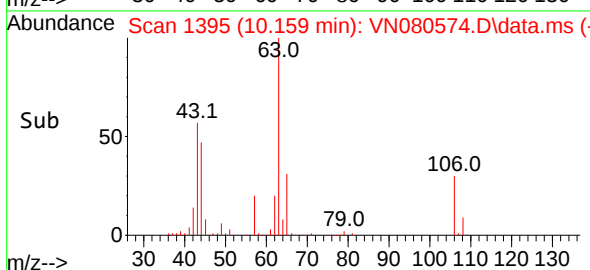
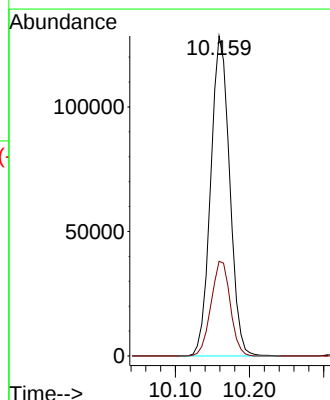
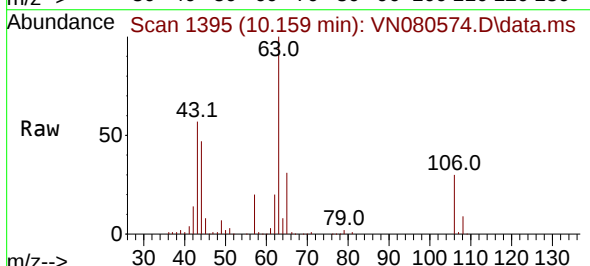
Acq: 21 Dec 2023 15:27

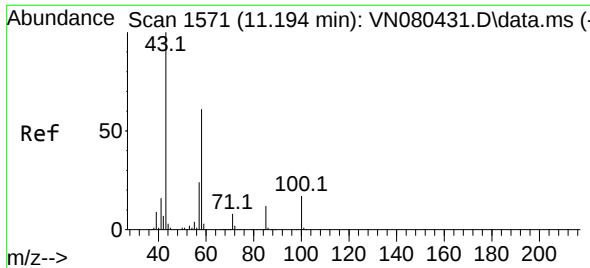
Tgt Ion: 63 Resp: 228183

Ion Ratio Lower Upper

63 100

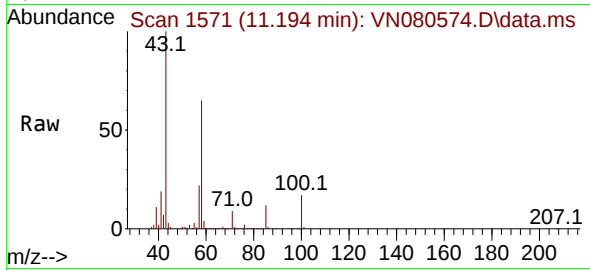
106 30.0 26.2 39.4





#59
2-Hexanone
Concen: 95.467 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

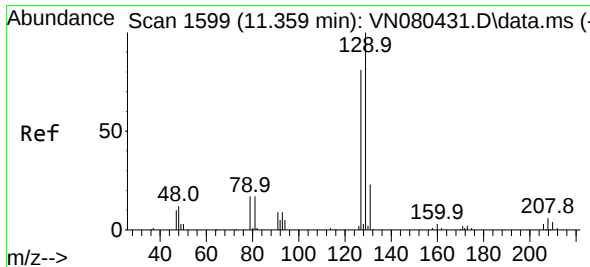
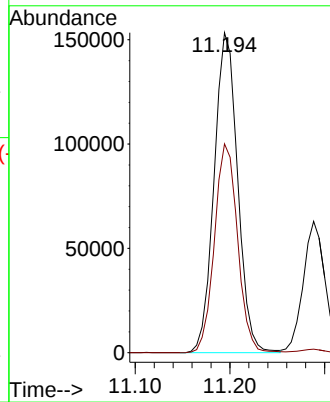
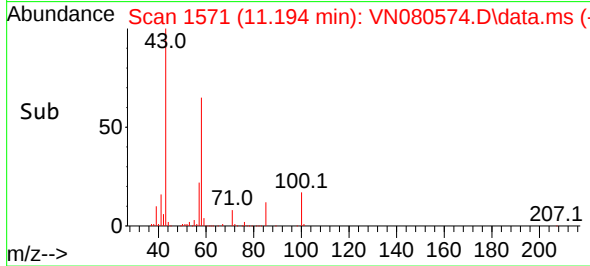
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



Tgt Ion: 43 Resp: 264630
Ion Ratio Lower Upper
43 100
58 64.2 31.7 95.1

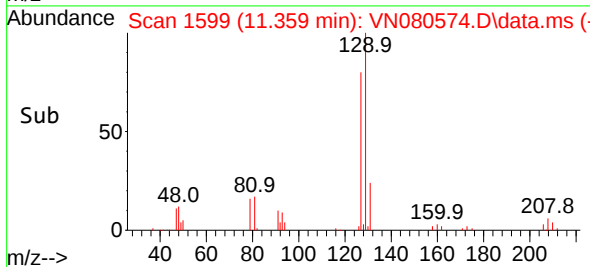
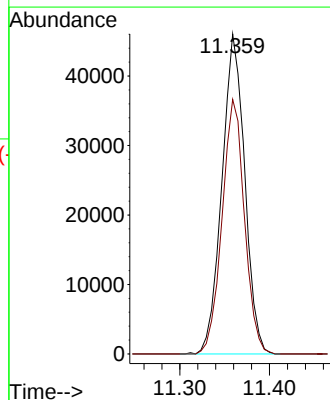
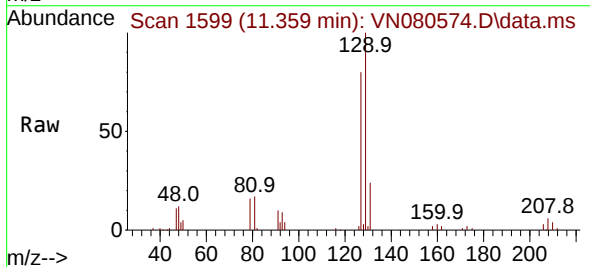
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#60
Dibromochloromethane
Concen: 17.236 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

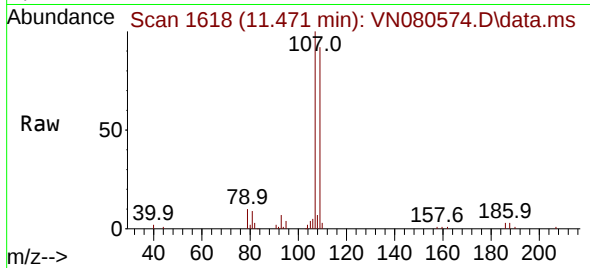
Tgt Ion:129 Resp: 81179
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.406 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

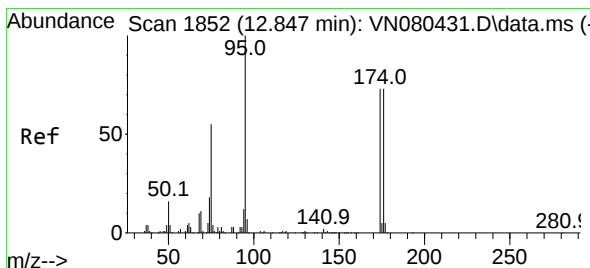
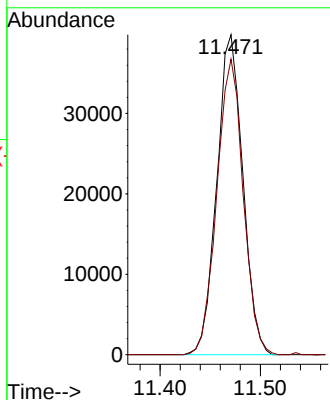
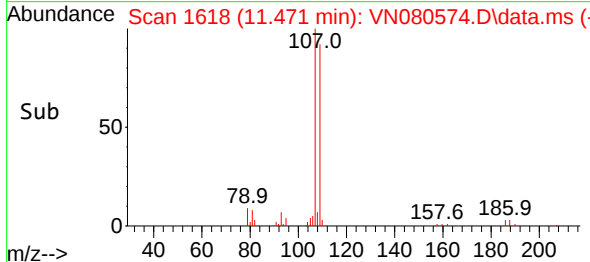
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



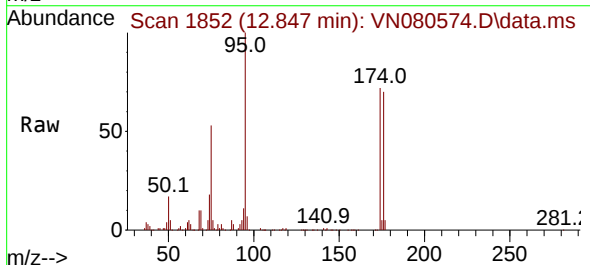
Tgt Ion:107 Resp: 7160
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

Manual Integrations
APPROVED

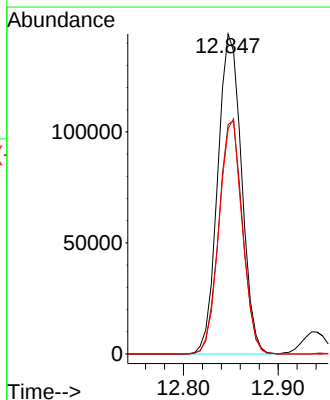
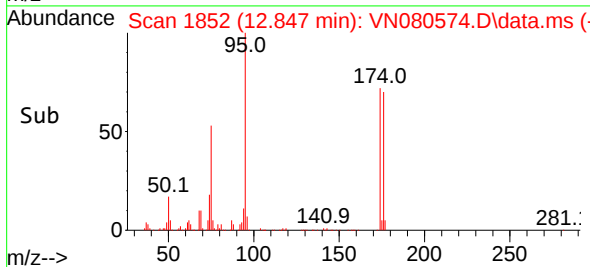
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

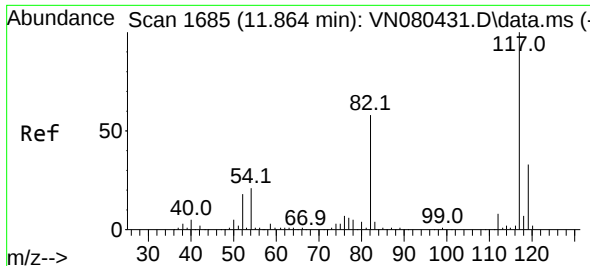


#62
4-Bromofluorobenzene
Concen: 48.083 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



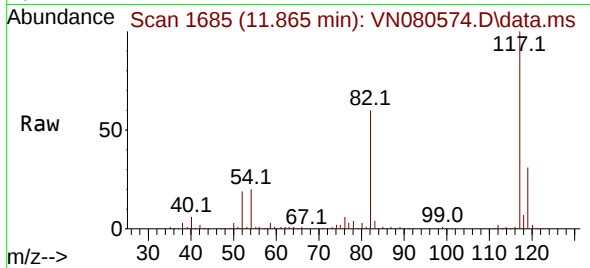
Tgt Ion: 95 Resp: 252178
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 71.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

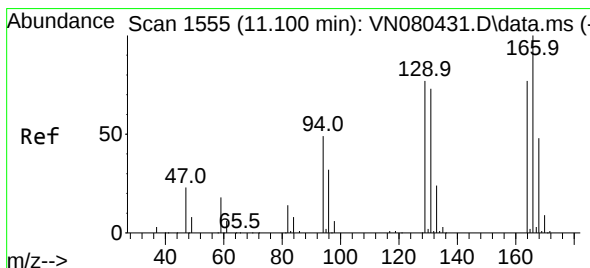
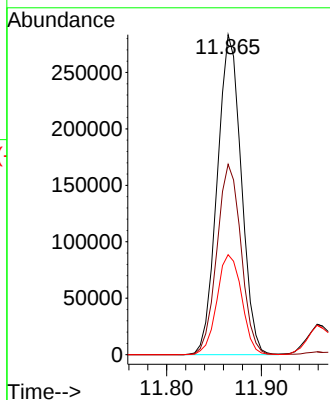
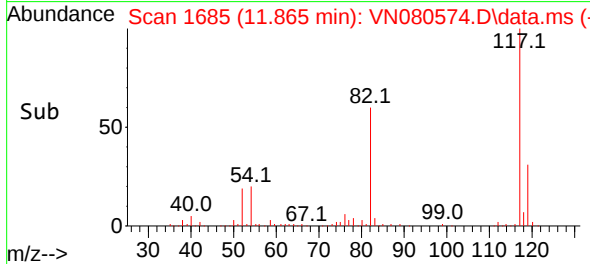
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



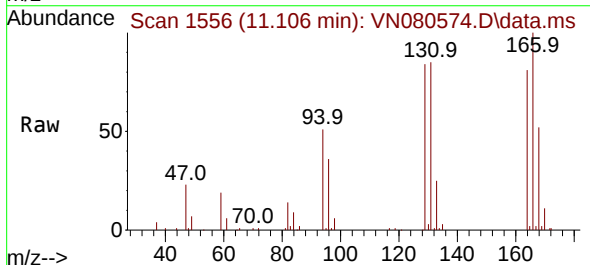
Tgt Ion:117 Resp: 50008
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 31.3 25.6 38.4

Manual Integrations
APPROVED

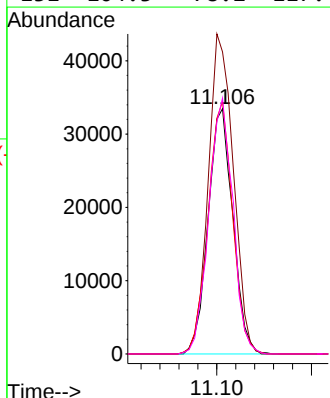
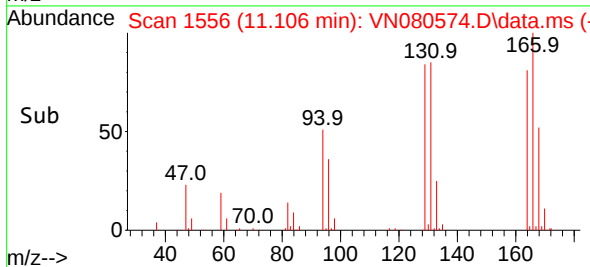
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

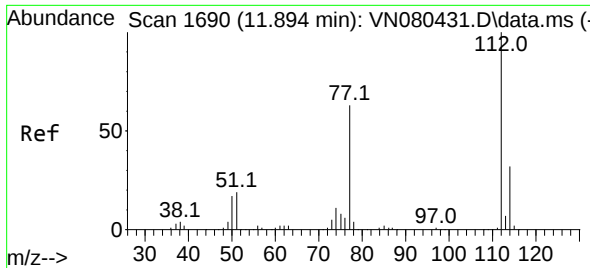


#64
Tetrachloroethene
Concen: 15.766 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



Tgt Ion:164 Resp: 60873
Ion Ratio Lower Upper
164 100
166 123.1 101.4 152.0
129 102.8 82.4 123.6
131 104.3 78.2 117.4





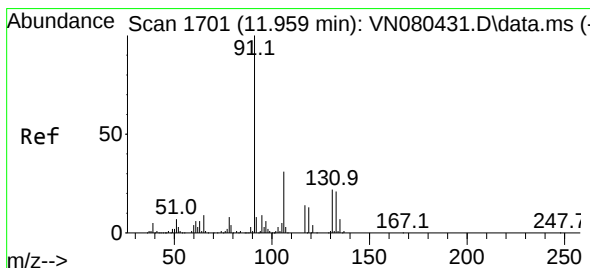
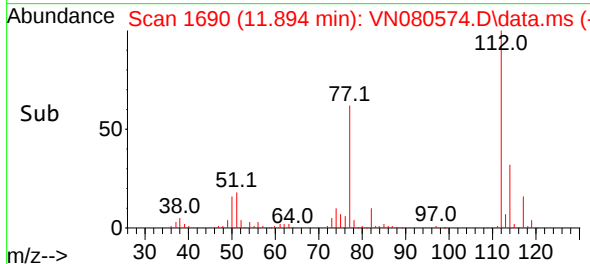
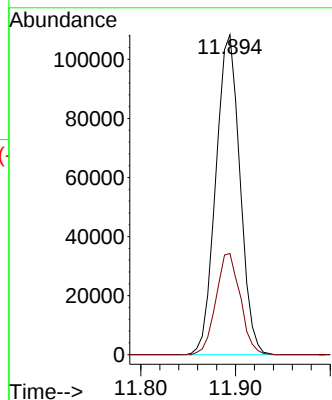
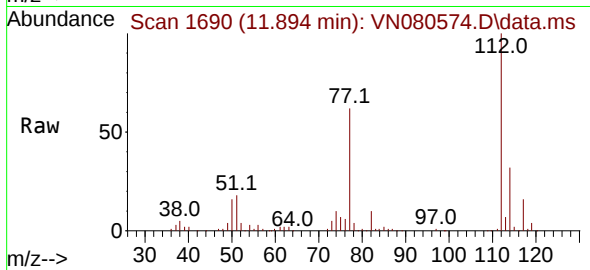
#65
Chlorobenzene
Concen: 17.247 ug/l
RT: 11.894 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01

Tgt Ion:112 Resp: 19186
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4

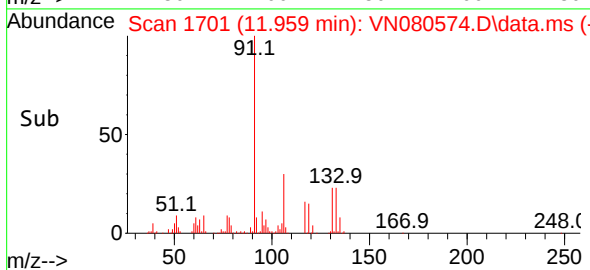
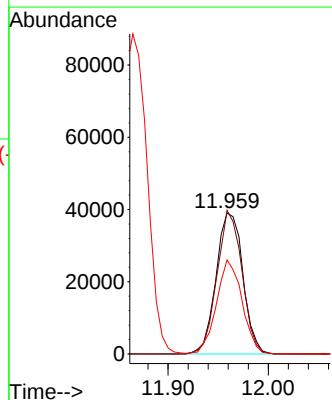
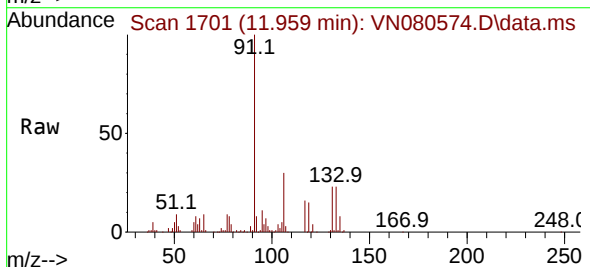
Manual Integrations
APPROVED

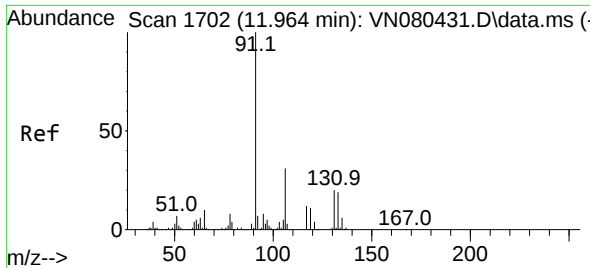
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 16.634 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Tgt Ion:131 Resp: 72608
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 63.5 34.1 102.2





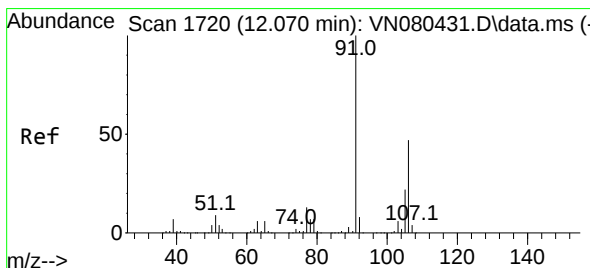
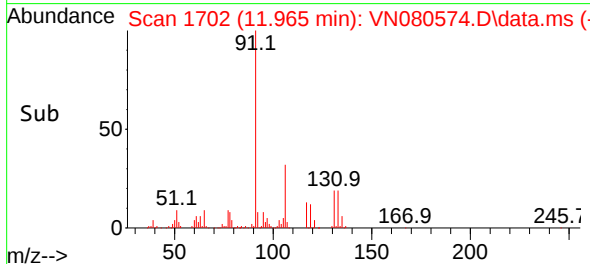
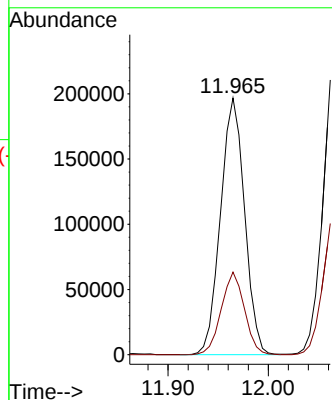
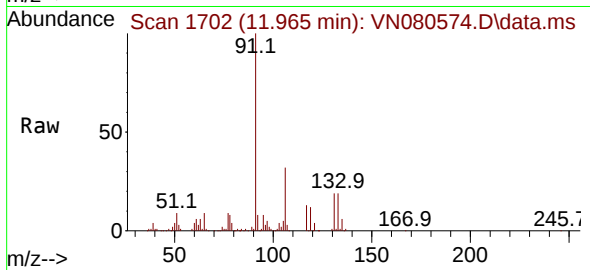
#67
Ethyl Benzene
Concen: 16.047 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01

Tgt Ion: 91 Resp: 328240
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4

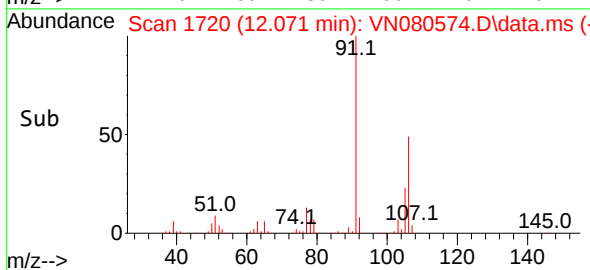
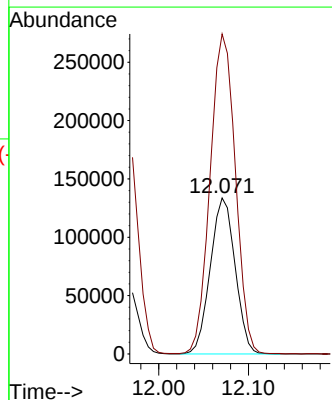
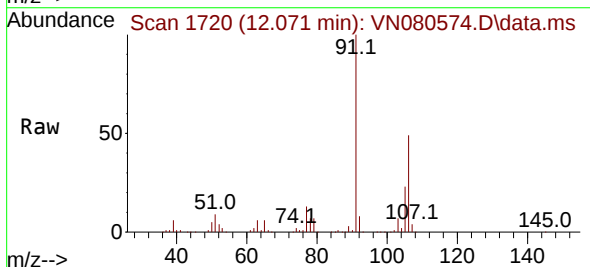
Manual Integrations
APPROVED

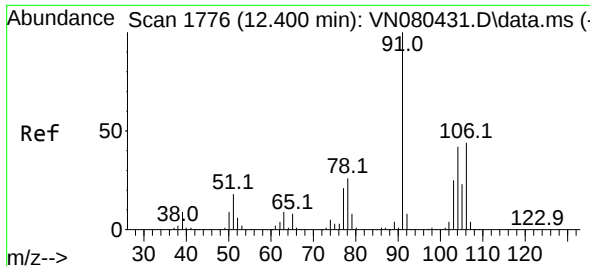
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#68
m/p-Xylenes
Concen: 33.982 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Tgt Ion:106 Resp: 256855
Ion Ratio Lower Upper
106 100
91 209.6 159.6 239.4





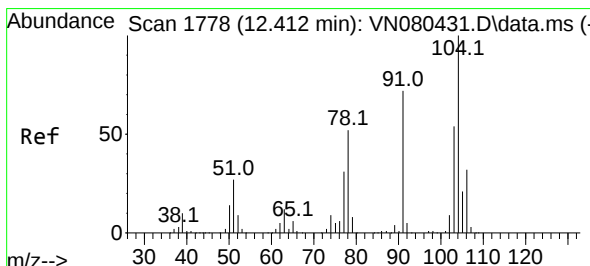
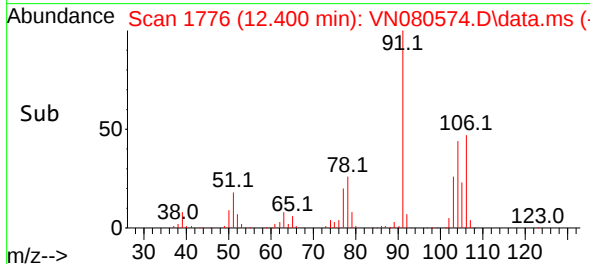
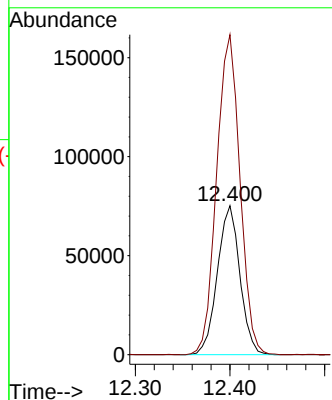
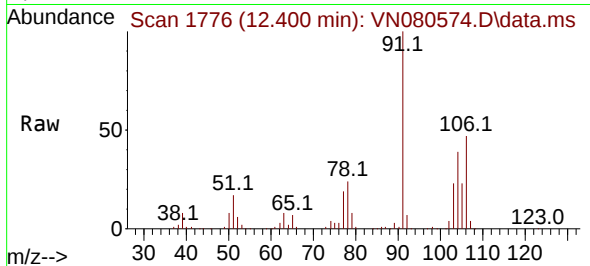
#69
o-Xylene
Concen: 16.813 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01

Tgt Ion:106 Resp: 124298
Ion Ratio Lower Upper
106 100
91 222.5 105.2 315.5

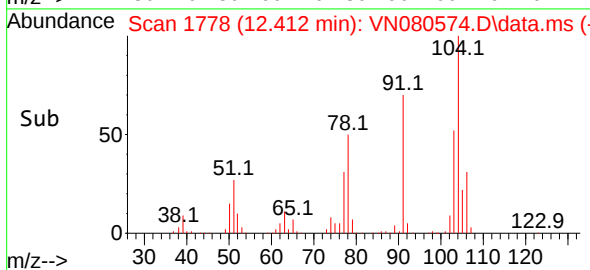
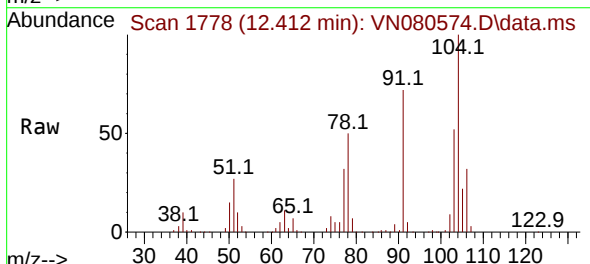
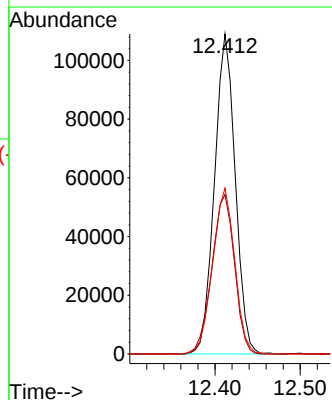
Manual Integrations
APPROVED

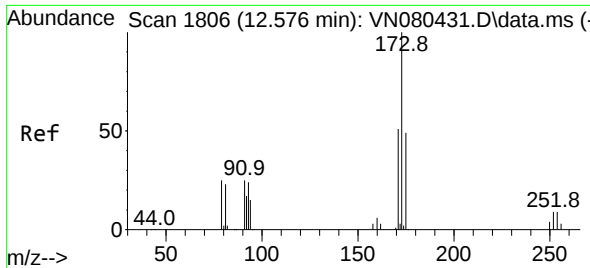
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#70
Styrene
Concen: 17.323 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Tgt Ion:104 Resp: 184473
Ion Ratio Lower Upper
104 100
78 54.1 39.5 59.3
103 55.1 43.2 64.8





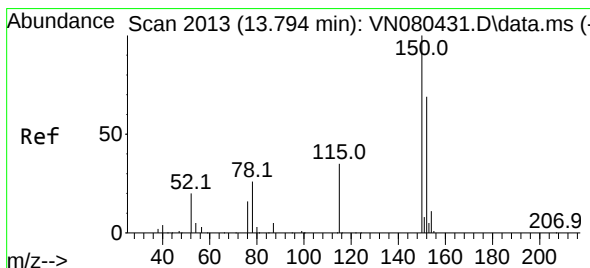
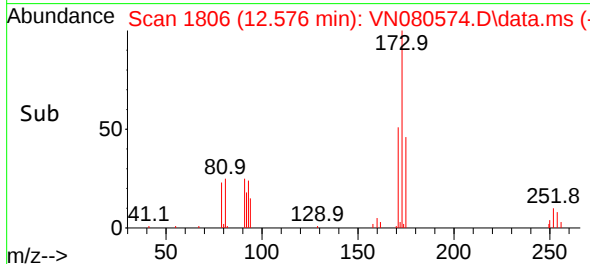
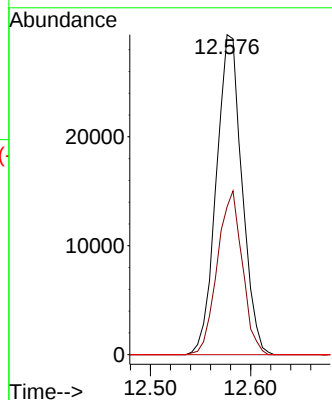
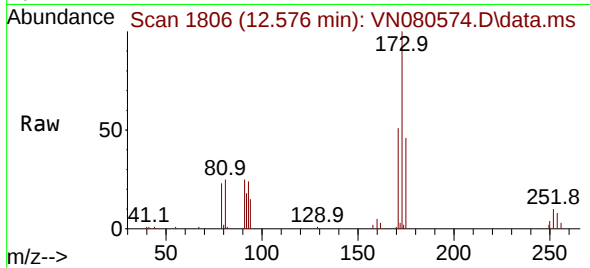
#71
Bromoform
Concen: 16.442 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01

Tgt Ion:173 Resp: 52338
Ion Ratio Lower Upper
173 100
175 49.6 24.3 73.0
254 0.0 0.0 0.0

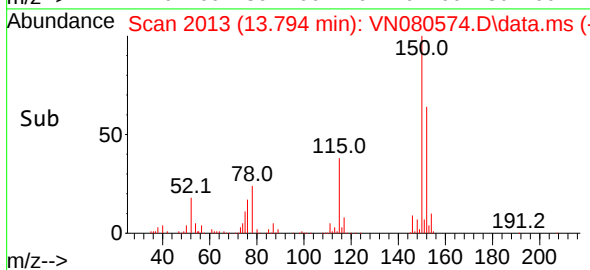
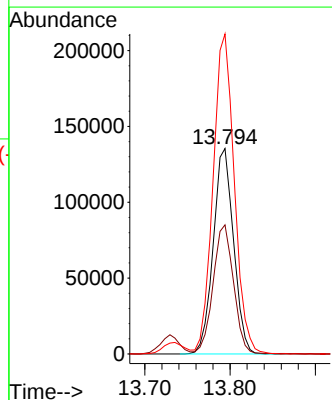
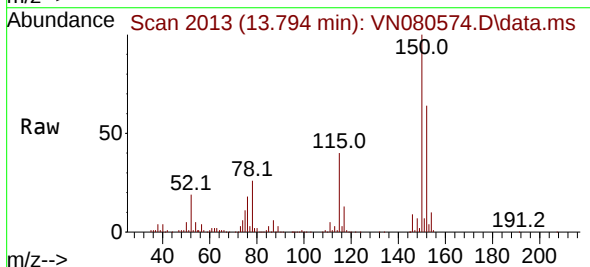
Manual Integrations
APPROVED

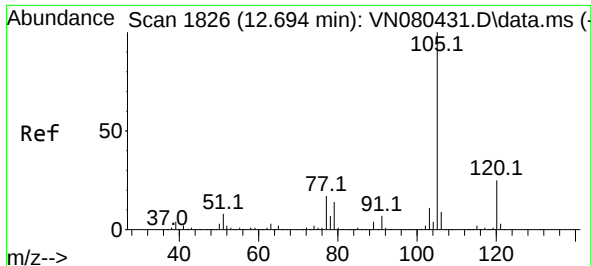
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

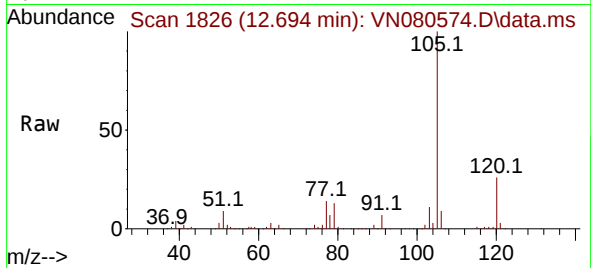
Tgt Ion:152 Resp: 224266
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 163.1 0.0 355.8





#73
Isopropylbenzene
Concen: 17.512 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

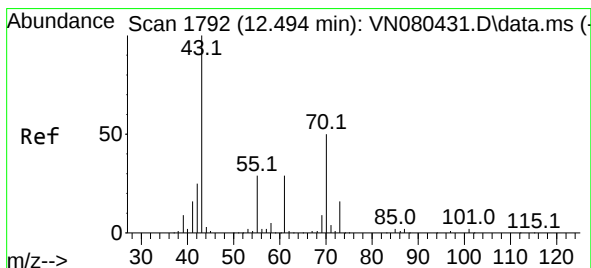
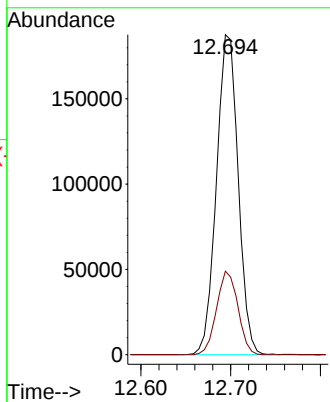
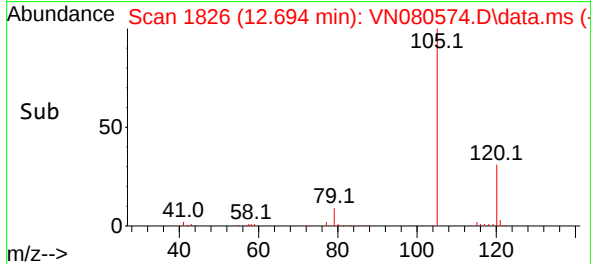
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



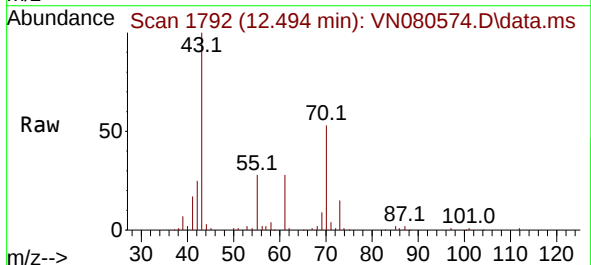
Tgt Ion:105 Resp: 31549
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1

Manual Integrations
APPROVED

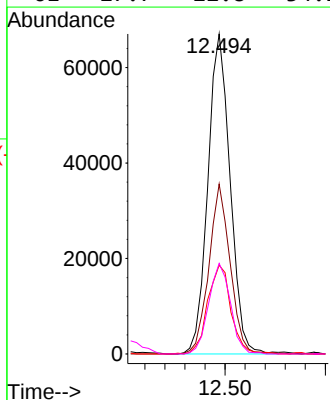
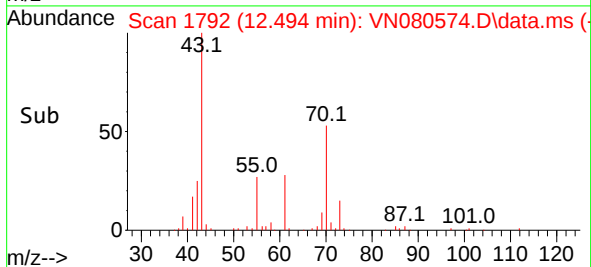
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

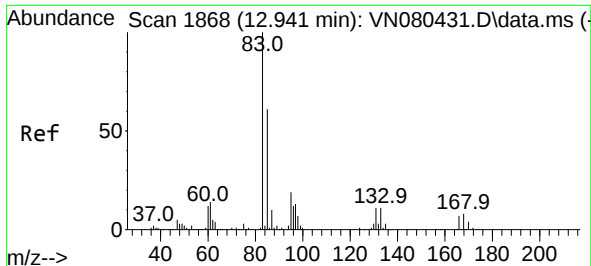


#74
N-ethyl acetate
Concen: 19.671 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



Tgt Ion: 43 Resp: 103491
Ion Ratio Lower Upper
43 100
70 50.7 43.4 65.2
55 29.1 21.4 32.0
61 27.7 22.8 34.2





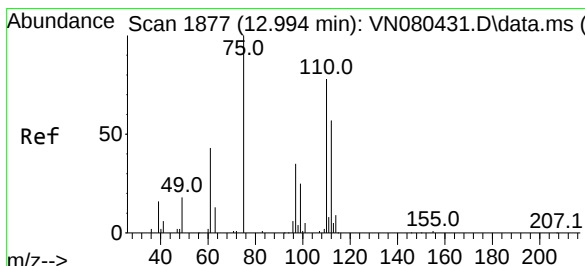
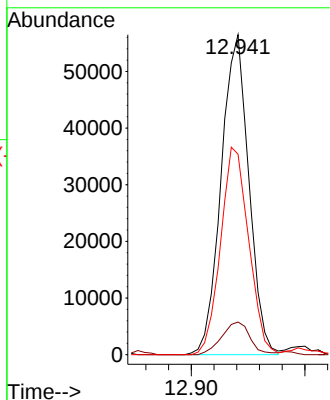
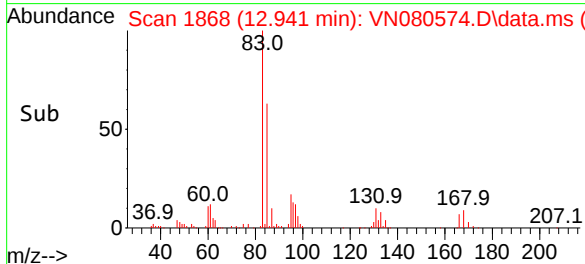
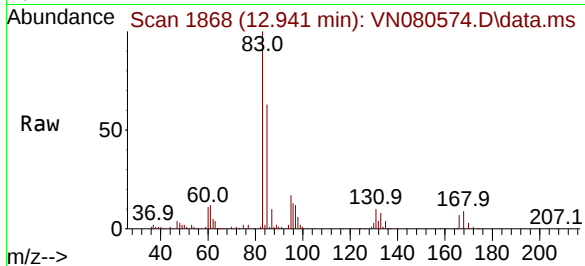
#75
1,1,2,2-Tetrachloroethane
Concen: 19.824 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01

Tgt Ion: 83 Resp: 9570
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 65.7 31.9 95.7

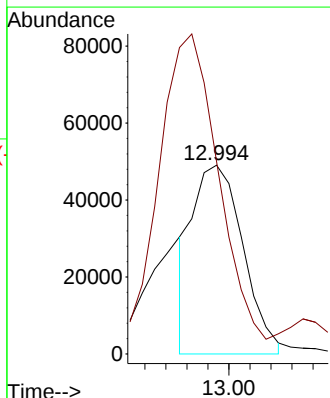
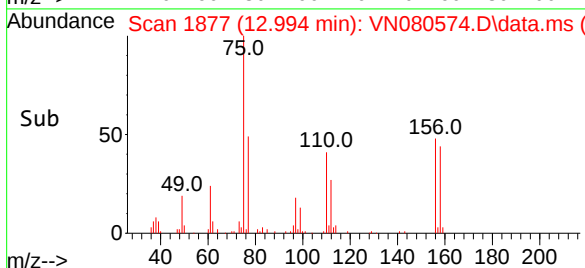
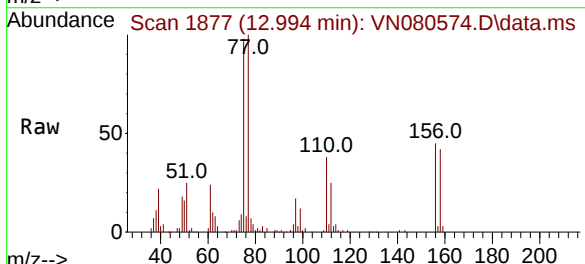
Manual Integrations
APPROVED

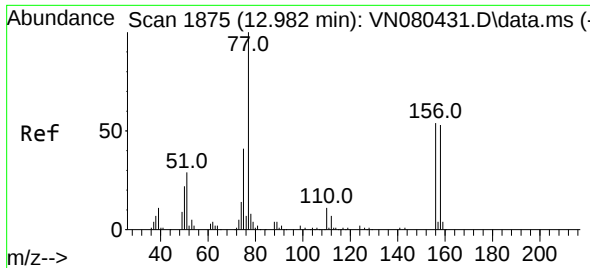
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#76
1,2,3-Trichloropropane
Concen: 18.228 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Tgt Ion: 75 Resp: 81554
Ion Ratio Lower Upper
75 100
77 205.8 84.5 253.5





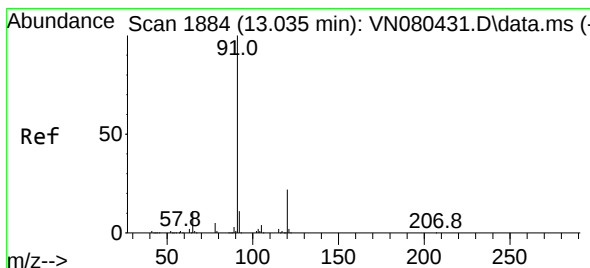
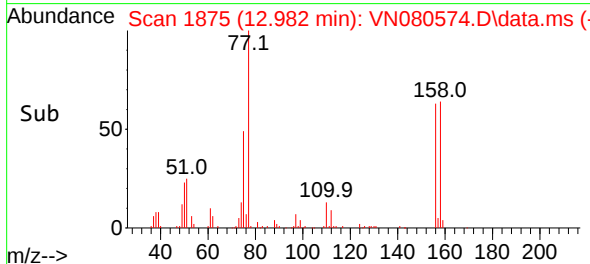
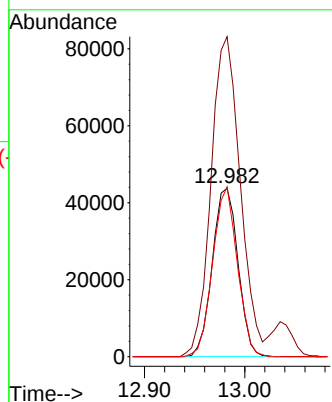
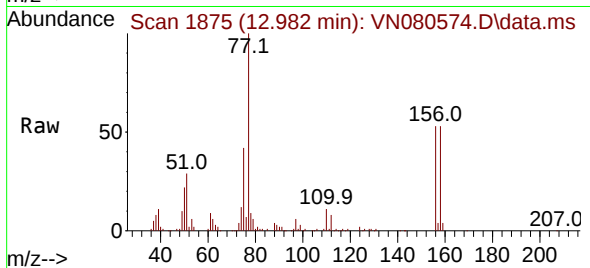
#77
Bromobenzene
Concen: 17.520 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01

Tgt Ion:156 Resp: 77649
Ion Ratio Lower Upper
156 100
77 216.2 107.7 323.3
158 96.9 48.4 145.3

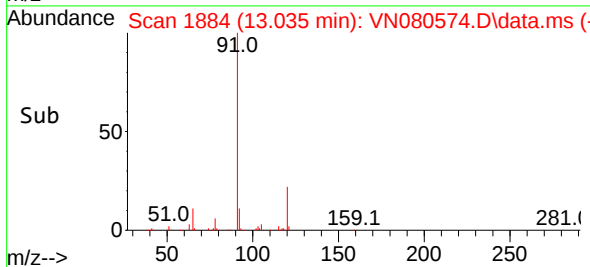
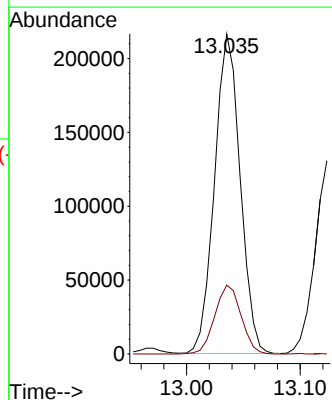
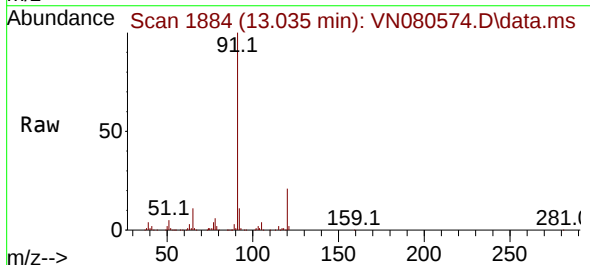
Manual Integrations
APPROVED

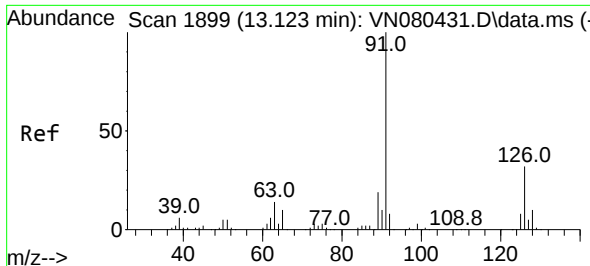
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#78
n-propylbenzene
Concen: 17.063 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

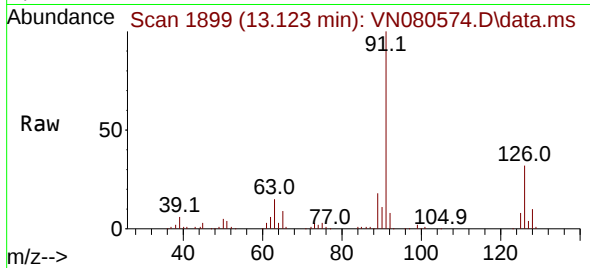
Tgt Ion: 91 Resp: 338930
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 17.538 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

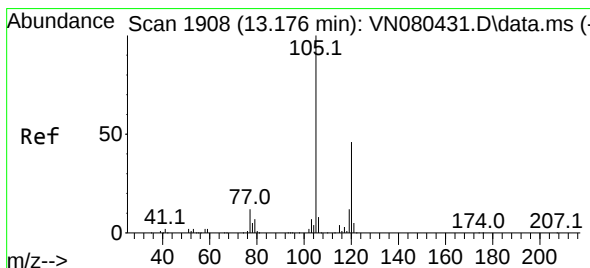
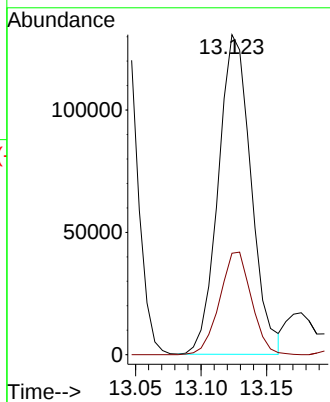
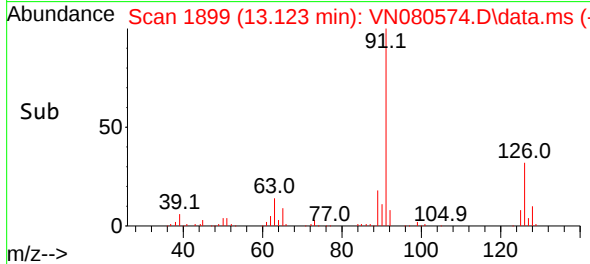
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



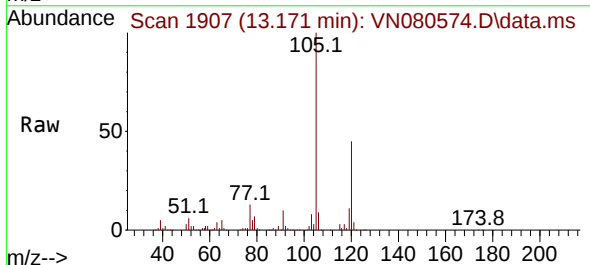
Tgt Ion: 91 Resp: 227439
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.8

Manual Integrations
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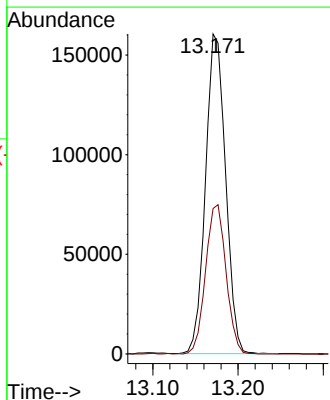
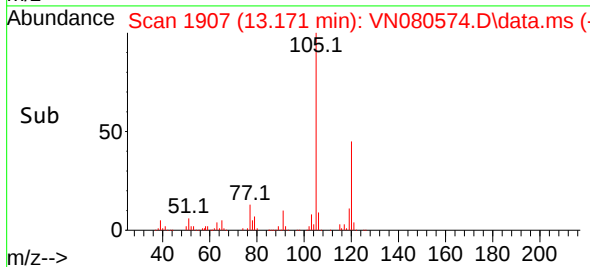
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

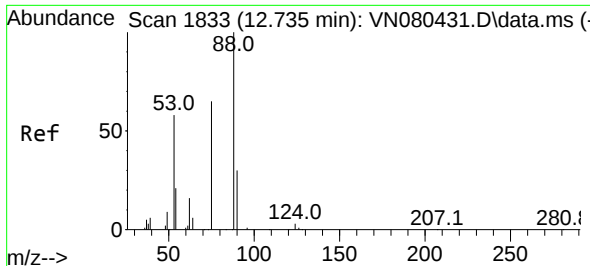


#80
1,3,5-Trimethylbenzene
Concen: 16.923 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



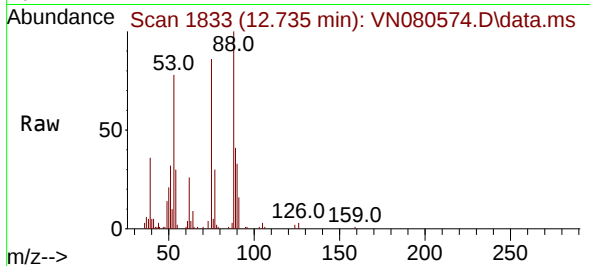
Tgt Ion:105 Resp: 262575
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.623 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

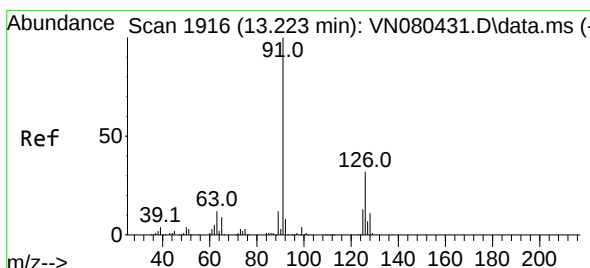
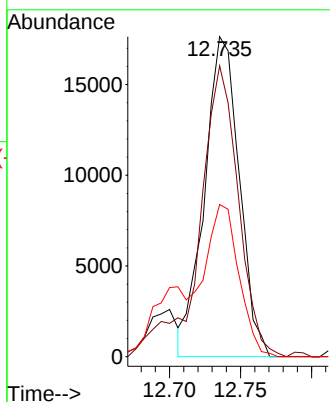
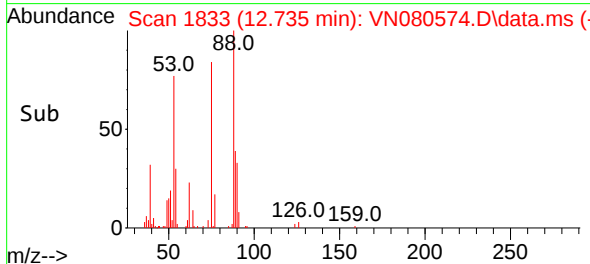
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



Tgt Ion: 75 Resp: 30029
Ion Ratio Lower Upper
75 100
53 102.3 67.4 101.2
89 48.0 38.8 58.2

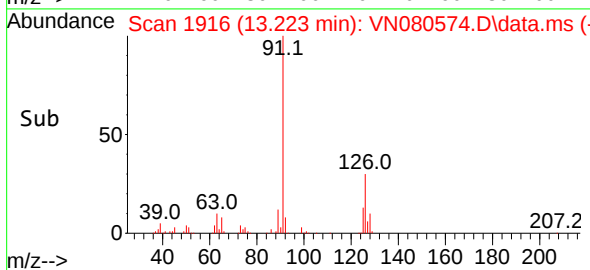
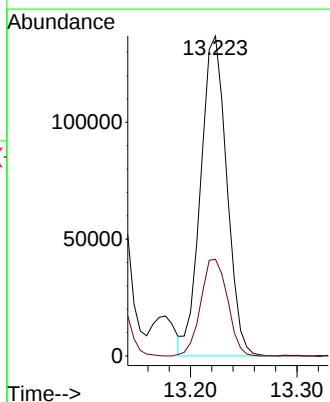
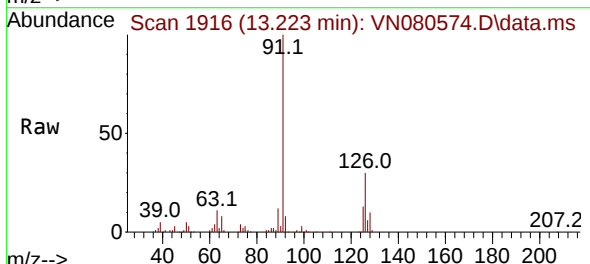
Manual Integrations
APPROVED

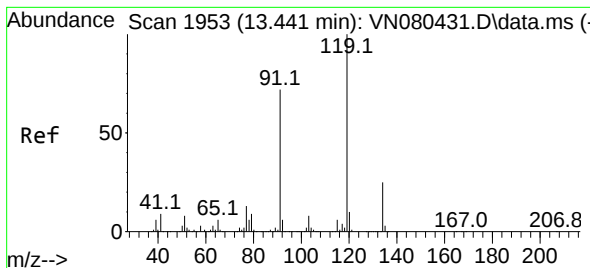
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#82
4-Chlorotoluene
Concen: 17.497 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Tgt Ion: 91 Resp: 233229
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0





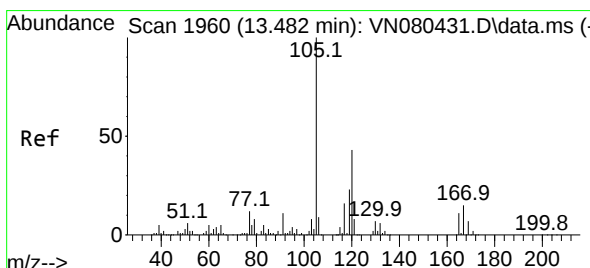
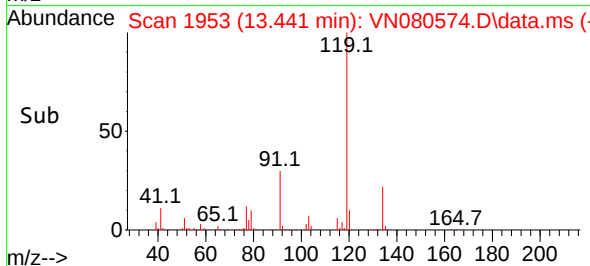
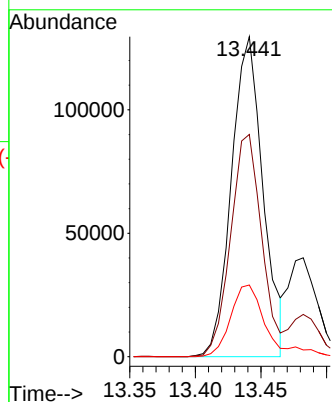
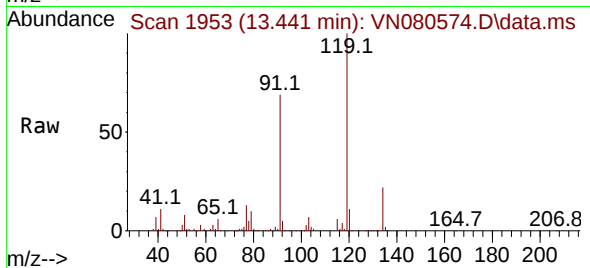
#83
tert-Butylbenzene
Concen: 17.125 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01

Tgt Ion:119 Resp: 217600
Ion Ratio Lower Upper
119 100
91 68.4 33.9 101.7
134 25.2 13.2 39.6

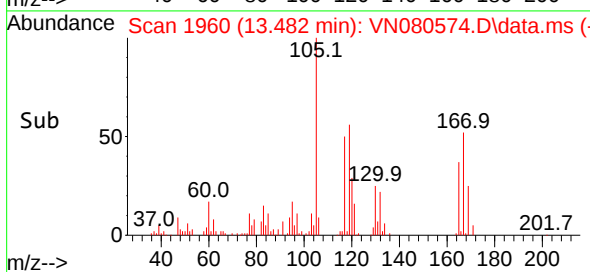
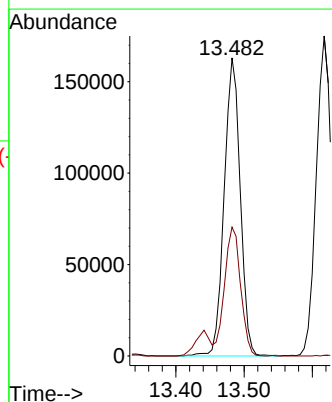
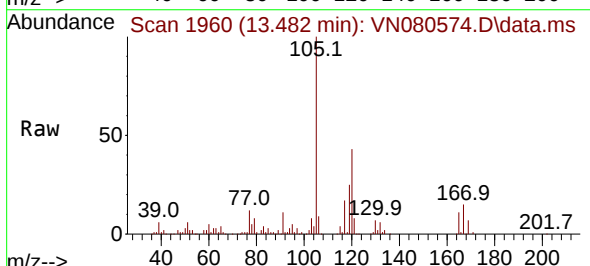
Manual Integrations
APPROVED

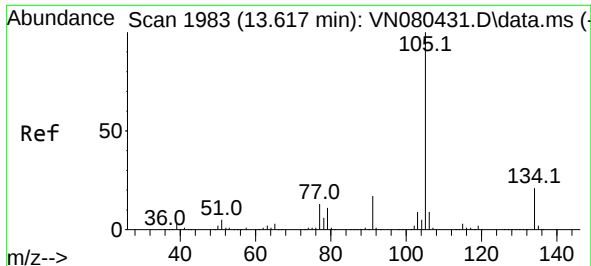
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 17.301 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

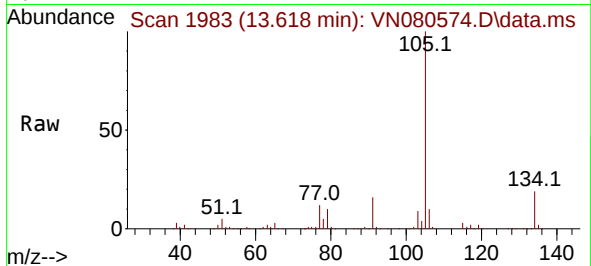
Tgt Ion:105 Resp: 267057
Ion Ratio Lower Upper
105 100
120 43.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 16.951 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080574.D
 Acq: 21 Dec 2023 15:27

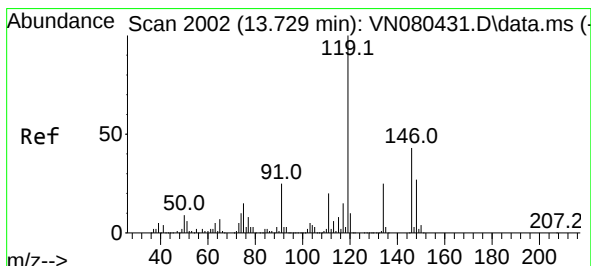
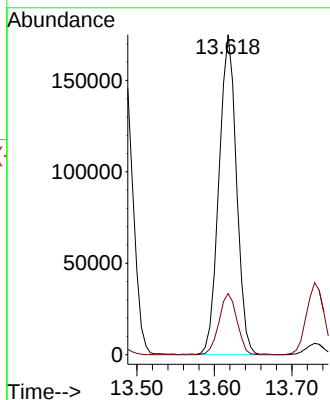
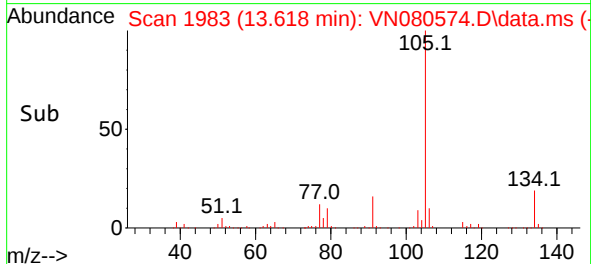
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBSD01



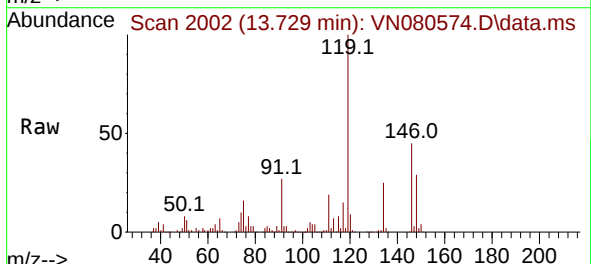
Tgt Ion:105 Resp: 27553
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

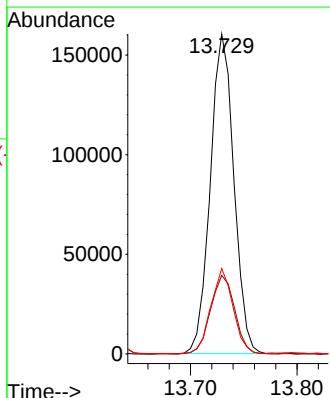
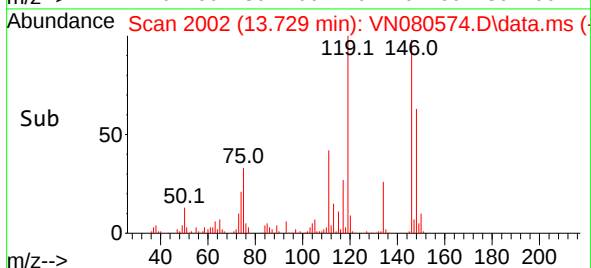
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023

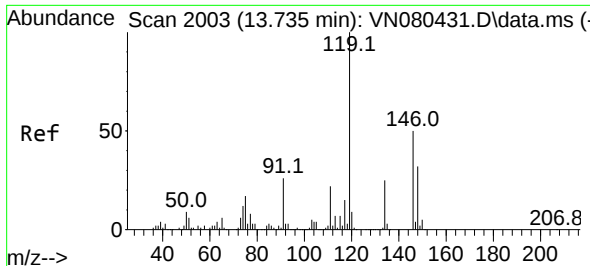


#86
 p-Isopropyltoluene
 Concen: 16.773 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080574.D
 Acq: 21 Dec 2023 15:27



Tgt Ion:119 Resp: 246182
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 25.4 12.4 37.2





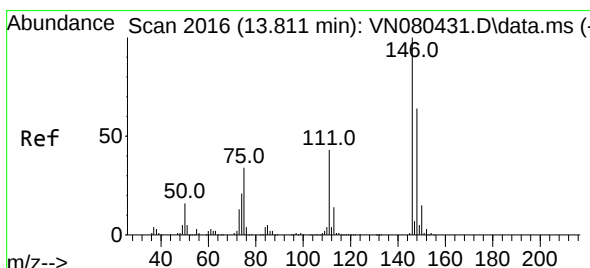
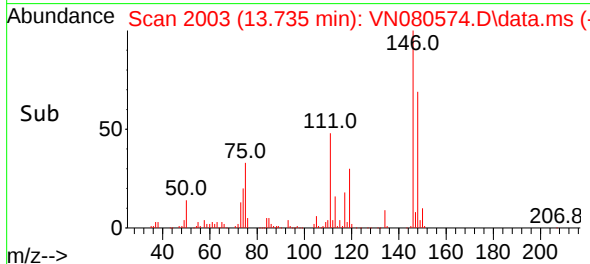
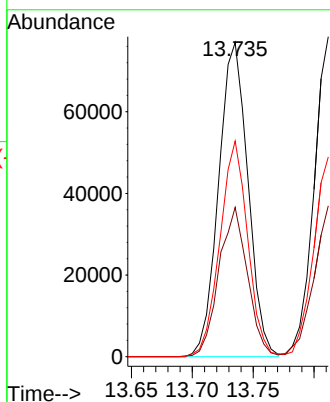
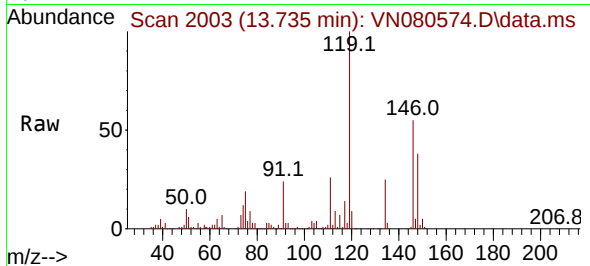
#87
 1,3-Dichlorobenzene
 Concen: 16.501 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080574.D
 Acq: 21 Dec 2023 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBSD01

Tgt Ion:146 Resp: 128849
 Ion Ratio Lower Upper
 146 100
 111 46.4 22.1 66.3
 148 65.3 32.0 96.0

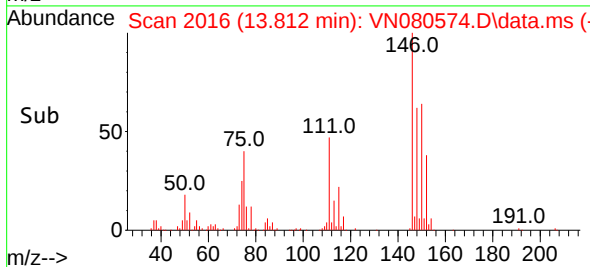
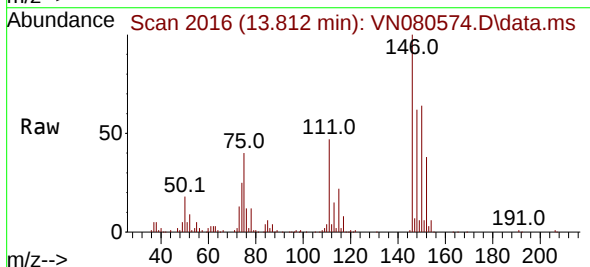
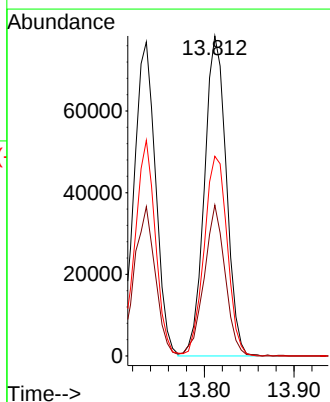
Manual Integrations
 APPROVED

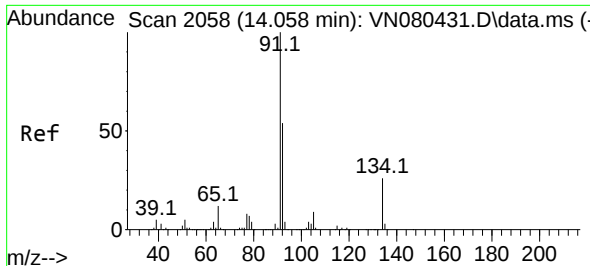
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#88
 1,4-Dichlorobenzene
 Concen: 16.803 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080574.D
 Acq: 21 Dec 2023 15:27

Tgt Ion:146 Resp: 132447
 Ion Ratio Lower Upper
 146 100
 111 45.5 20.6 61.8
 148 65.9 31.6 94.8





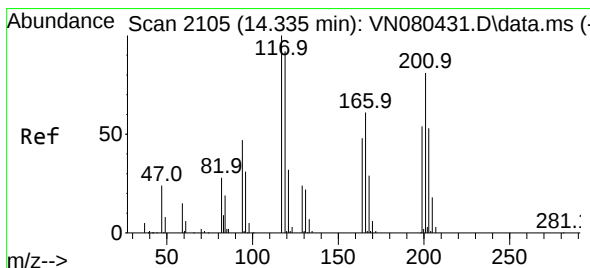
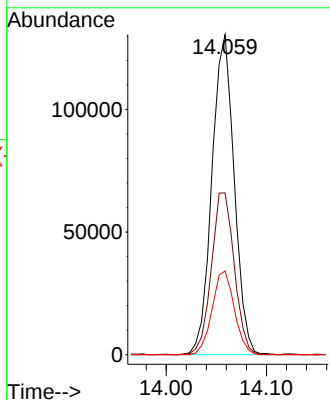
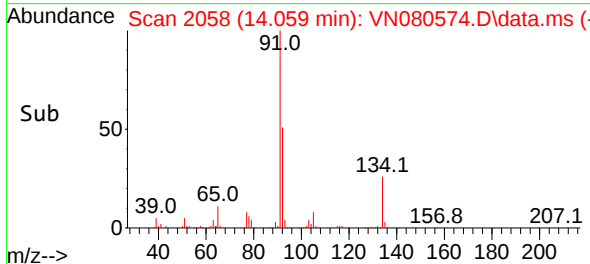
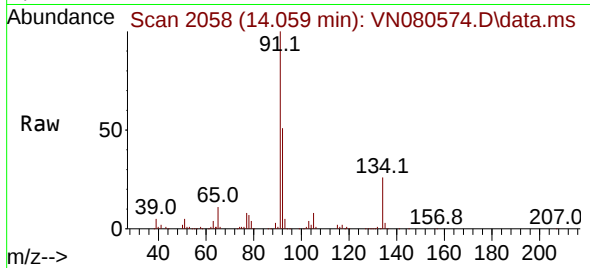
#89
n-Butylbenzene
Concen: 16.443 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01

Tgt Ion: 91 Resp: 20153
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.0
134 26.1 12.6 37.6

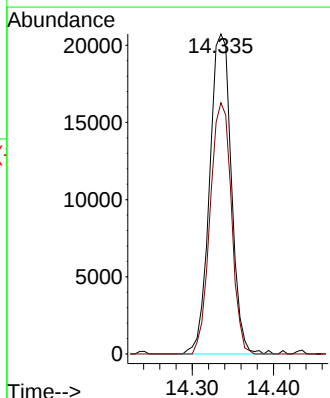
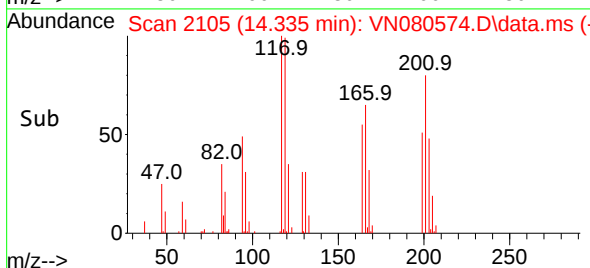
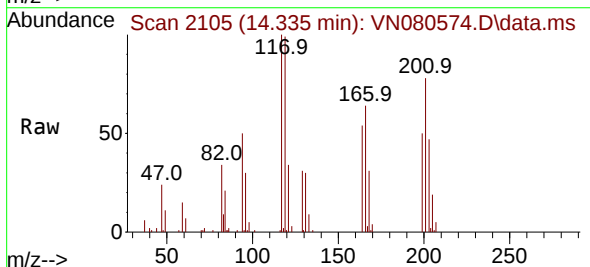
Manual Integrations
APPROVED

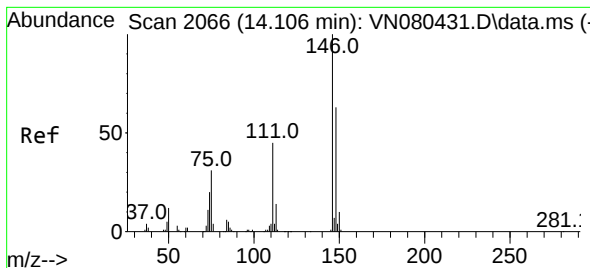
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#90
Hexachloroethane
Concen: 16.518 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

Tgt Ion:117 Resp: 38502
Ion Ratio Lower Upper
117 100
201 76.7 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 17.156 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBSD01

Tgt Ion:146 Resp: 127204

Ion Ratio Lower Upper

146 100

111 45.9 22.0 66.0

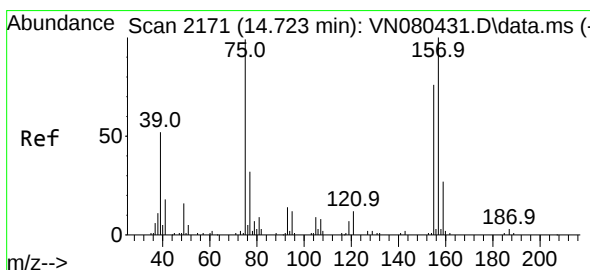
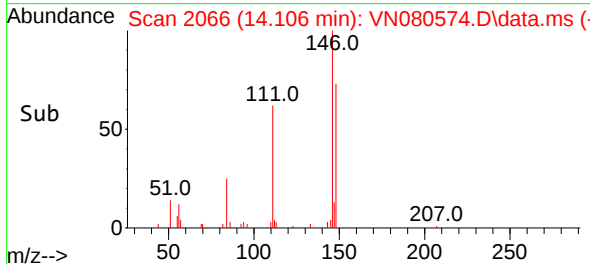
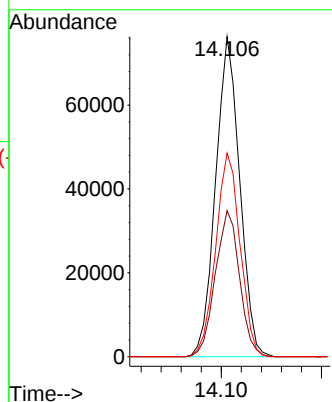
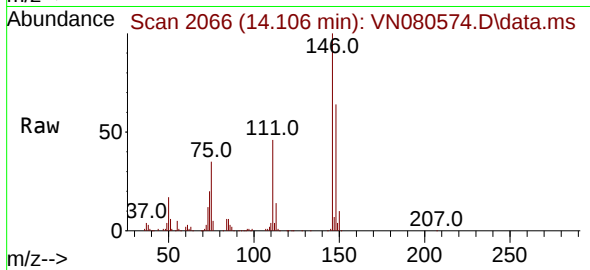
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.746 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

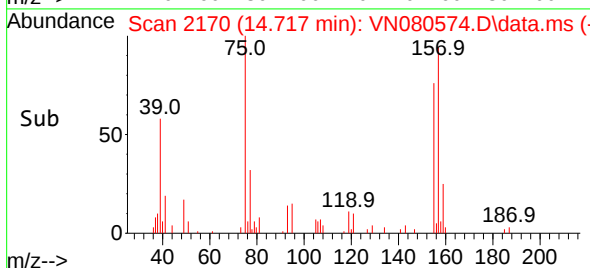
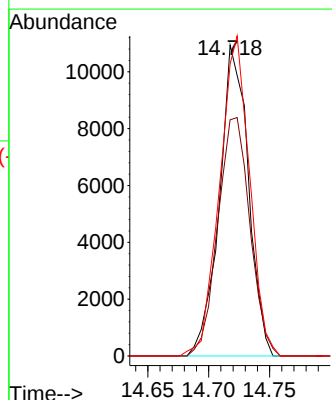
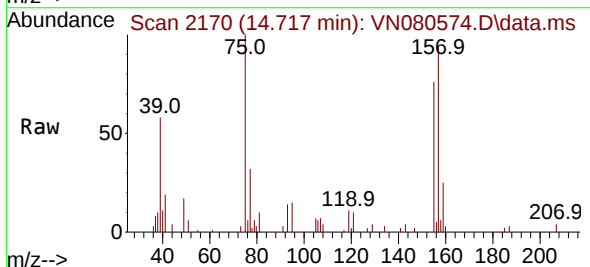
Tgt Ion: 75 Resp: 18020

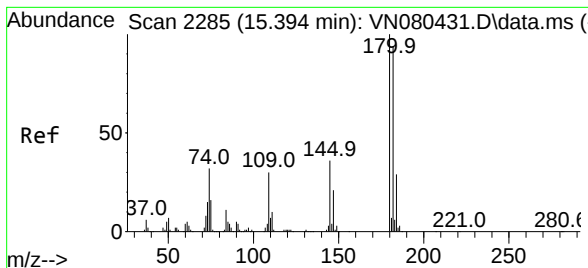
Ion Ratio Lower Upper

75 100

155 85.2 39.1 117.2

157 106.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.254 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBSD01

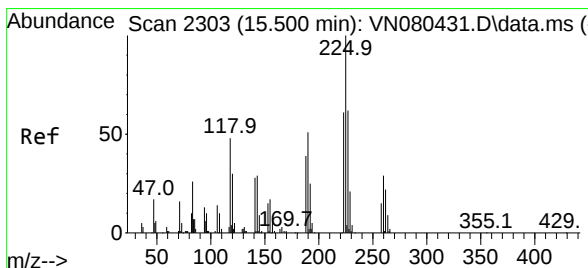
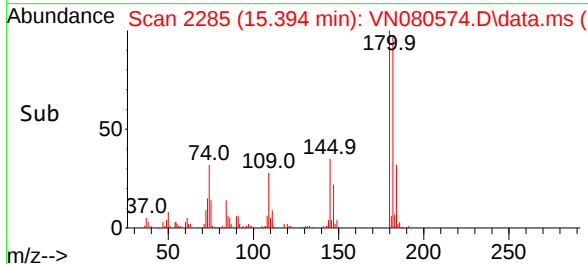
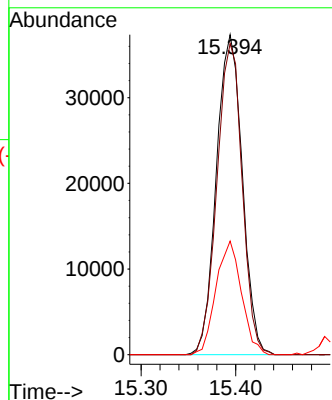
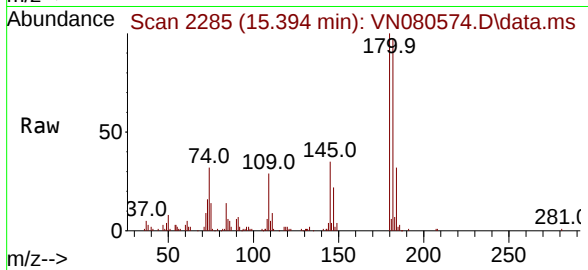
Tgt Ion:	180	Resp:	7103
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.1	138.2
145	34.9	16.6	49.8

Manual Integrations

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Supervised By :Mahesh Dadoda 12/22/2023



#94

Hexachlorobutadiene

Concen: 15.180 ug/l

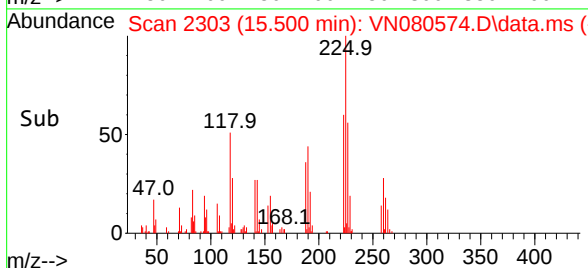
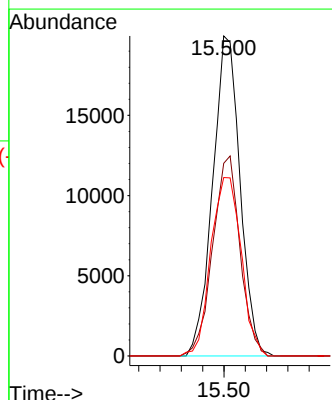
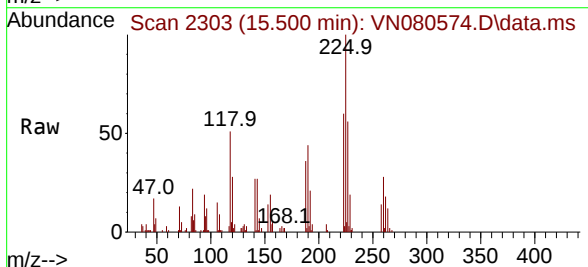
RT: 15.500 min Scan# 2303

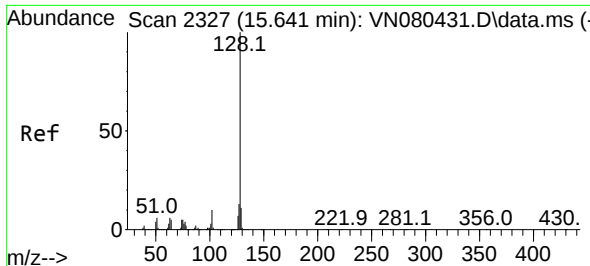
Delta R.T. 0.000 min

Lab File: VN080574.D

Acq: 21 Dec 2023 15:27

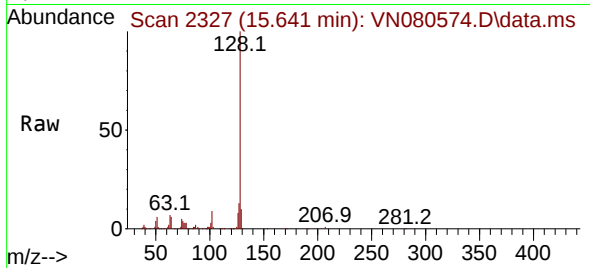
Tgt Ion:	225	Resp:	35578
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.3	93.8
227	61.5	31.9	95.9





#95
Naphthalene
Concen: 18.171 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27

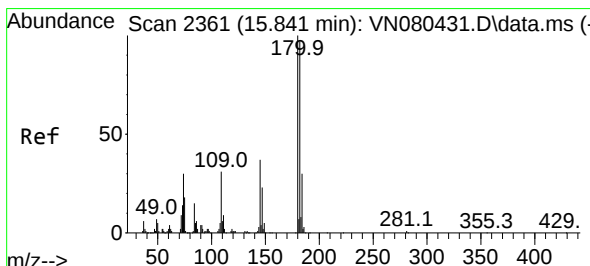
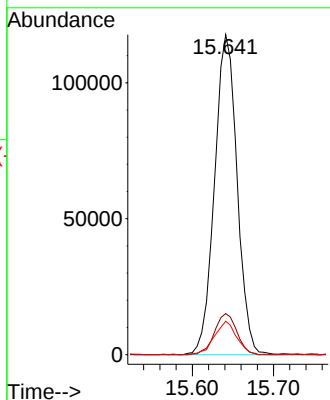
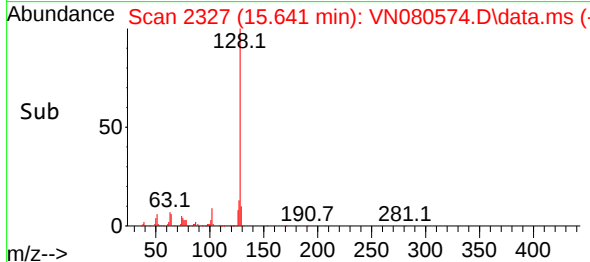
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBSD01



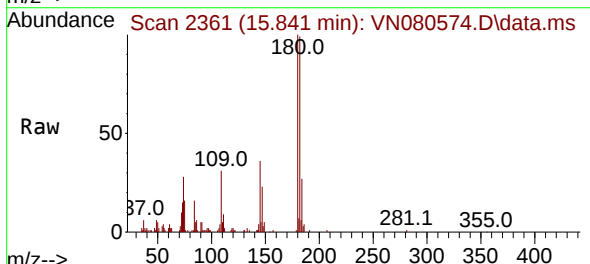
Tgt Ion:128 Resp: 227159
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.673 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080574.D
Acq: 21 Dec 2023 15:27



Tgt Ion:180 Resp: 66235
Ion Ratio Lower Upper
180 100
182 97.4 46.2 138.6
145 38.5 17.5 52.6

