

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080512.D
 Acq On : 19 Dec 2023 11:45
 Operator : JC\MD
 Sample : VN1219WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2023
 Supervised By : Mahesh Dadoda 12/20/2023

Quant Time: Dec 20 03:58:38 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	8.230	168	284986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	451781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	395774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	210777	57.907	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.820%			
35) Dibromofluoromethane	8.165	113	162150	56.607	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.220%			
50) Toluene-d8	10.565	98	584671	54.729	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.460%			
62) 4-Bromofluorobenzene	12.847	95	212549	52.396	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	66435	18.242	ug/l	99
3) Chloromethane	2.365	50	64574	16.667	ug/l	100
4) Vinyl Chloride	2.518	62	50983	16.392	ug/l	96
5) Bromomethane	2.965	94	25826	18.418	ug/l	98
6) Chloroethane	3.130	64	33534	16.779	ug/l	92
7) Trichlorofluoromethane	3.500	101	119738	18.981	ug/l	99
8) Diethyl Ether	3.959	74	37076	18.660	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	56925	19.039	ug/l	95
10) Methyl Iodide	4.583	142	40901	15.552	ug/l	93
11) Tert butyl alcohol	5.506	59	39497	92.136	ug/l	98
12) 1,1-Dichloroethene	4.336	96	54493	17.787	ug/l	87
13) Acrolein	4.177	56	48535	103.383	ug/l	96
14) Allyl chloride	5.030	41	67239	17.739	ug/l	96
15) Acrylonitrile	5.712	53	115797	95.600	ug/l	98
16) Acetone	4.424	43	99595	154.315	ug/l	97
17) Carbon Disulfide	4.712	76	141077	16.249	ug/l	98
18) Methyl Acetate	5.024	43	83818	20.183	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	201666	19.730	ug/l	98
20) Methylene Chloride	5.271	84	62315	18.042	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	60232	18.132	ug/l	85
22) Diisopropyl ether	6.671	45	164641	20.125	ug/l	92
23) Vinyl Acetate	6.600	43	434629	92.500	ug/l	93
24) 1,1-Dichloroethane	6.571	63	111030	19.452	ug/l	98
25) 2-Butanone	7.483	43	135237	108.772	ug/l	96
26) 2,2-Dichloropropane	7.488	77	111739	19.144	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	71645	19.053	ug/l	90
28) Bromochloromethane	7.812	49	41336	18.862	ug/l	97
29) Tetrahydrofuran	7.835	42	83535	93.827	ug/l	94
30) Chloroform	7.965	83	125639	19.830	ug/l	99
31) Cyclohexane	8.253	56	89339	18.049	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	118220	19.057	ug/l	99
36) 1,1-Dichloropropene	8.371	75	88030	18.795	ug/l	96
37) Ethyl Acetate	7.559	43	56063	19.115	ug/l #	94
38) Carbon Tetrachloride	8.365	117	109238	19.519	ug/l	97
39) Methylcyclohexane	9.600	83	84879	17.445	ug/l	91
40) Benzene	8.606	78	255398	18.884	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	33209	19.641	ug/l	93
42) 1,2-Dichloroethane	8.671	62	97669	19.501	ug/l	97
43) Isopropyl Acetate	8.688	43	98061	18.595	ug/l	97
44) Trichloroethene	9.353	130	67884	18.619	ug/l	98
45) 1,2-Dichloropropane	9.624	63	59663	18.783	ug/l	99
46) Dibromomethane	9.706	93	43415	19.032	ug/l	92
47) Bromodichloromethane	9.888	83	95019	19.435	ug/l	92
48) Methyl methacrylate	9.677	41	57814	18.372	ug/l	90
49) 1,4-Dioxane	9.688	88	16677	349.630	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	281657	96.980	ug/l	100
52) Toluene	10.629	92	165333	19.351	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	103656	19.596	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	108086	19.117	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	60534	19.690	ug/l	96
56) Ethyl methacrylate	10.871	69	64090	18.830	ug/l	92
57) 1,3-Dichloropropane	11.165	76	104336	19.360	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	204742	95.285	ug/l	97
59) 2-Hexanone	11.194	43	214041	99.829	ug/l	98
60) Dibromochloromethane	11.359	129	74707	20.507	ug/l	98
61) 1,2-Dibromoethane	11.471	107	60302	18.952	ug/l	99
64) Tetrachloroethene	11.106	164	57038	18.666	ug/l	96
65) Chlorobenzene	11.894	112	167625	19.039	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	68072	19.705	ug/l	95
67) Ethyl Benzene	11.965	91	300823	18.583	ug/l	100
68) m/p-Xylenes	12.070	106	228674	38.227	ug/l	91
69) o-Xylene	12.400	106	111709	19.092	ug/l	91
70) Styrene	12.412	104	158535	18.810	ug/l	93
71) Bromoform	12.576	173	47516	18.861	ug/l #	100
73) Isopropylbenzene	12.694	105	286262	19.691	ug/l	100
74) N-amyl acetate	12.494	43	78679	18.533	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	76798	19.714	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	77908m	21.579	ug/l	
77) Bromobenzene	12.982	156	69217	19.354	ug/l	96
78) n-propylbenzene	13.035	91	316356	19.737	ug/l	100
79) 2-Chlorotoluene	13.123	91	205235	19.612	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	246485	19.686	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	25391	18.466	ug/l #	78
82) 4-Chlorotoluene	13.223	91	207655	19.306	ug/l	95
83) tert-Butylbenzene	13.441	119	199904	19.495	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	249809	20.055	ug/l	98
85) sec-Butylbenzene	13.617	105	255819	19.503	ug/l	99
86) p-Isopropyltoluene	13.729	119	229579	19.384	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	116890	18.551	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	119589	18.802	ug/l	96
89) n-Butylbenzene	14.059	91	190073	19.217	ug/l	99
90) Hexachloroethane	14.335	117	36668	19.495	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	114539	19.143	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16128	19.683	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	65560	19.735	ug/l	97
94) Hexachlorobutadiene	15.500	225	34413	18.196	ug/l	100
95) Naphthalene	15.641	128	196618	19.491	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	61702	19.247	ug/l	96

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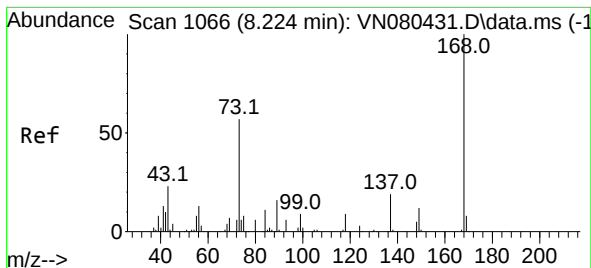
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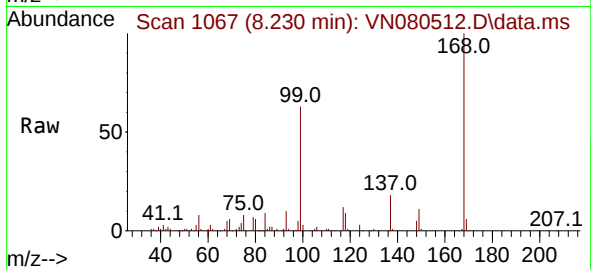
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
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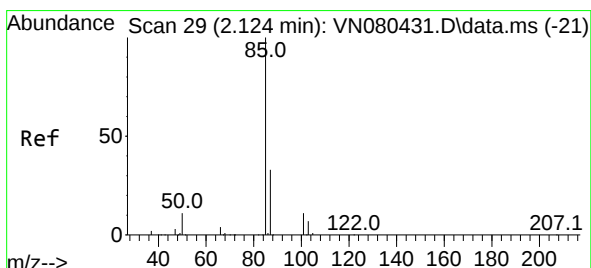
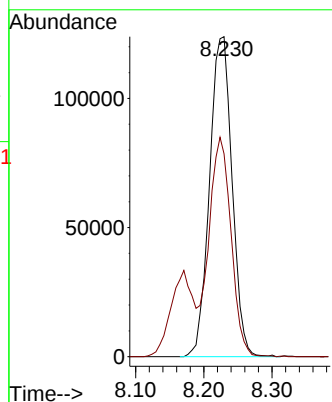
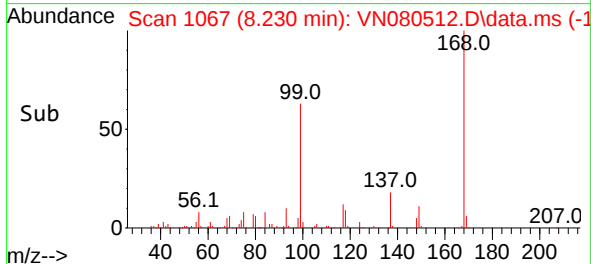
Instrument :
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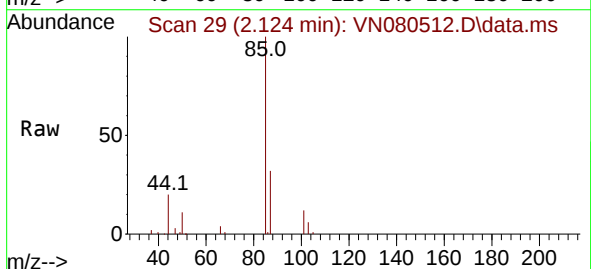
Tgt Ion:168 Resp: 284980
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6

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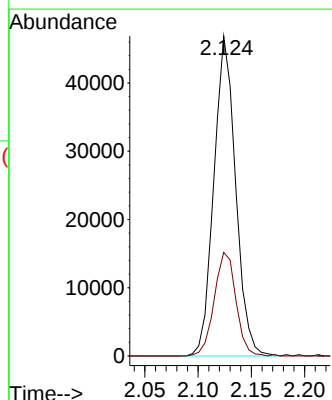
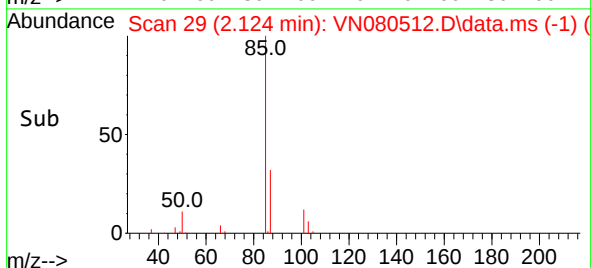
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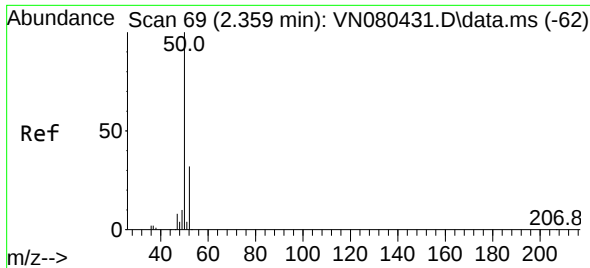


#2
Dichlorodifluoromethane
Concen: 18.242 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45



Tgt Ion: 85 Resp: 66435
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4





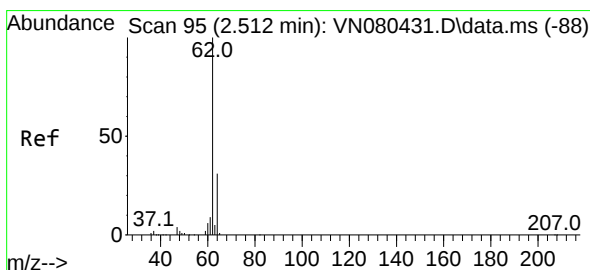
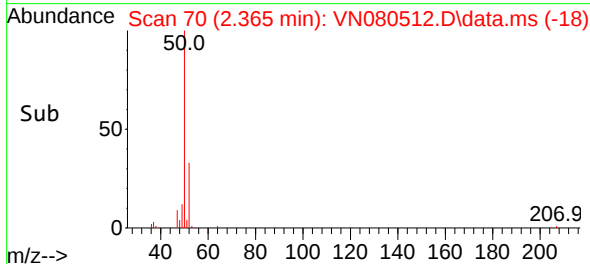
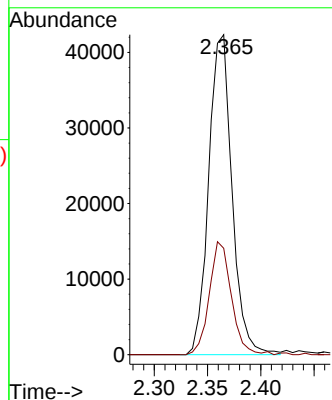
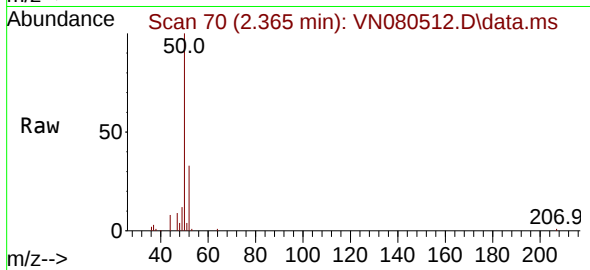
#3
Chloromethane
Concen: 16.667 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

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Tgt Ion: 50 Resp: 64574
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

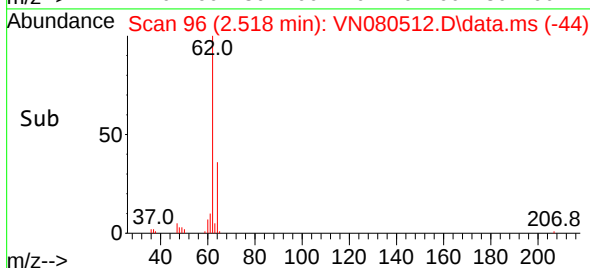
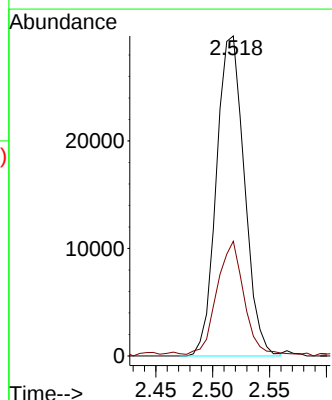
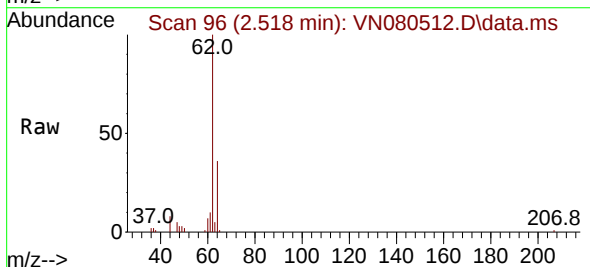
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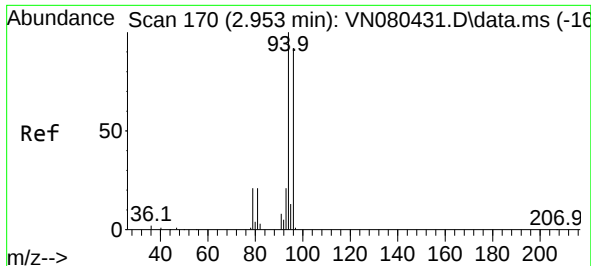
Reviewed By :John Carlone 12/20/2023
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#4
Vinyl Chloride
Concen: 16.392 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

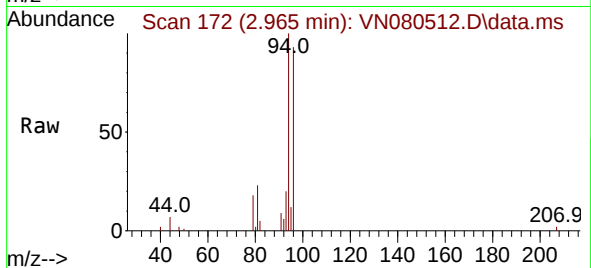
Tgt Ion: 62 Resp: 50983
Ion Ratio Lower Upper
62 100
64 35.2 26.2 39.2





#5
Bromomethane
Concen: 18.418 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

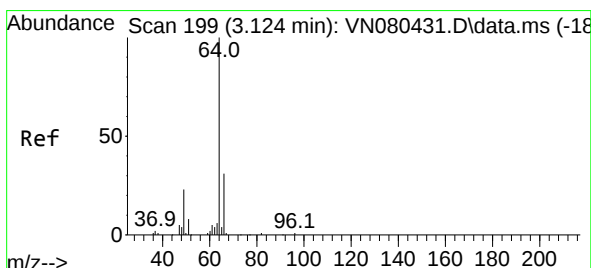
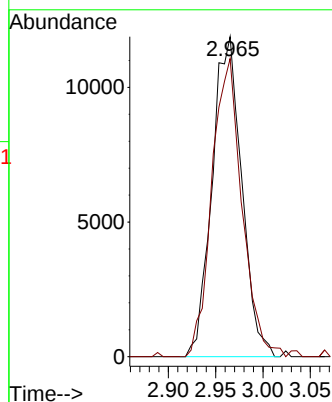
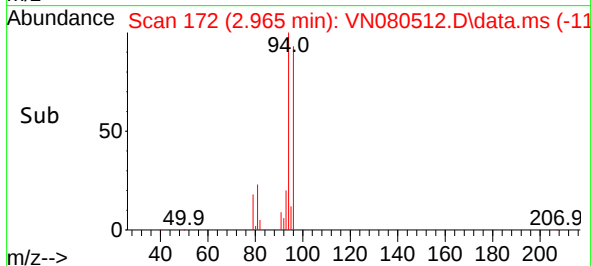
Instrument :
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Tgt Ion: 94 Resp: 25820
Ion Ratio Lower Upper
94 100
96 93.2 73.1 109.7

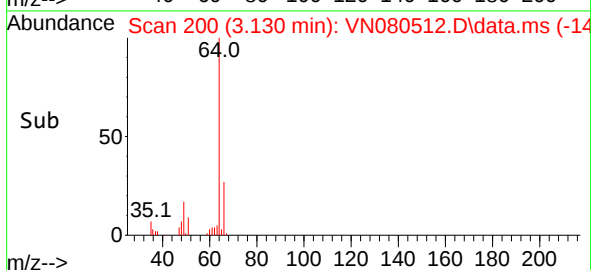
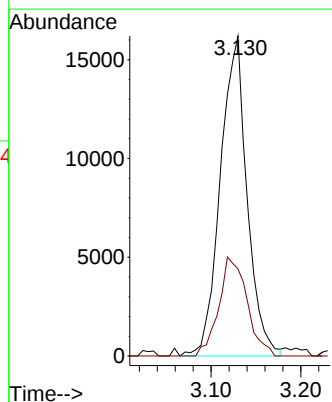
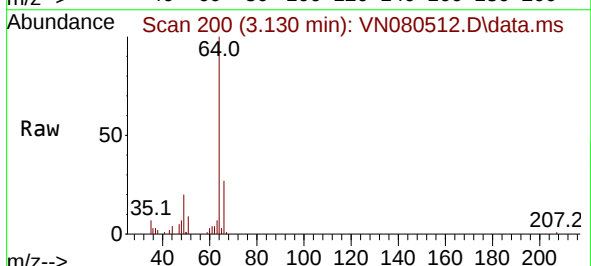
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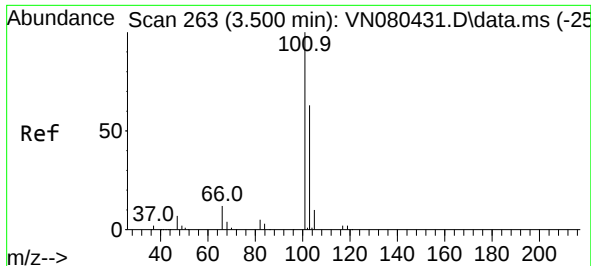
Reviewed By :John Carlone 12/20/2023
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#6
Chloroethane
Concen: 16.779 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN080512.D
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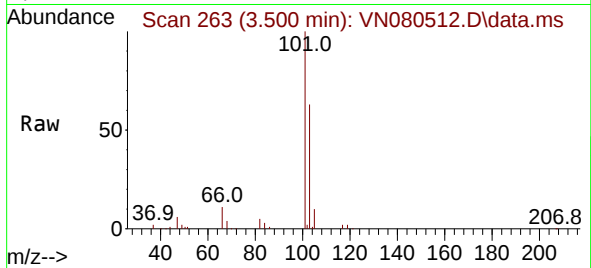
Tgt Ion: 64 Resp: 33534
Ion Ratio Lower Upper
64 100
66 27.2 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 18.981 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080512.D
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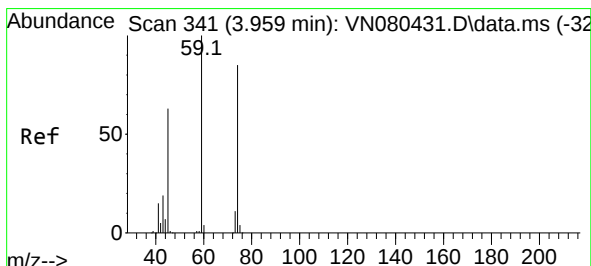
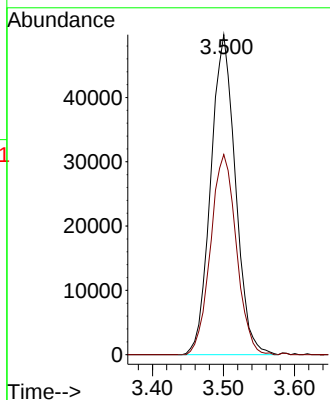
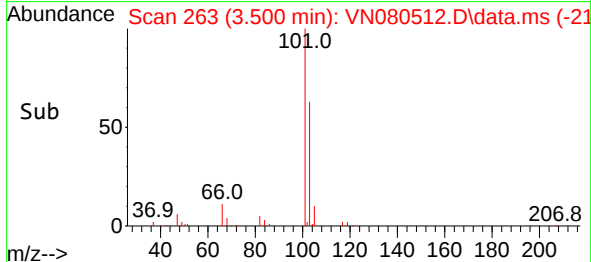
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Tgt Ion:101 Resp: 119738
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.7 76.1

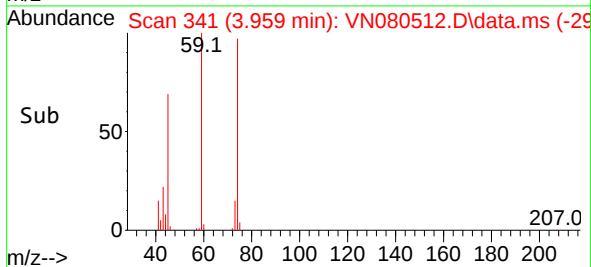
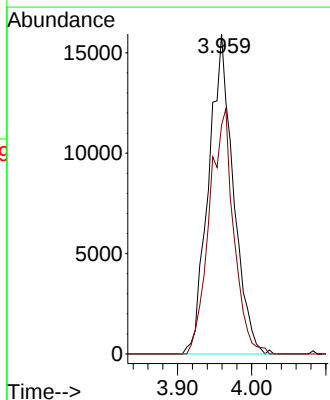
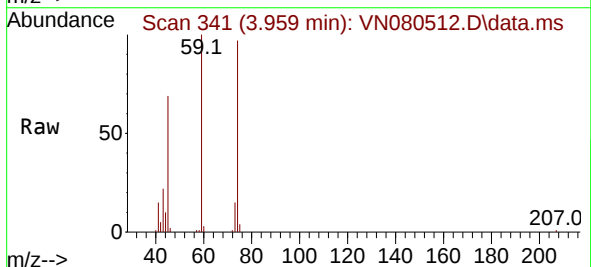
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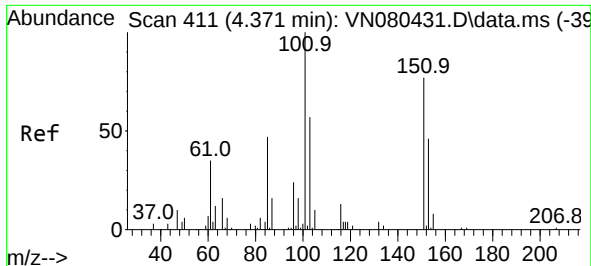
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#8
 Diethyl Ether
 Concen: 18.660 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080512.D
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Tgt Ion: 74 Resp: 37076
 Ion Ratio Lower Upper
 74 100
 45 75.3 34.4 103.3





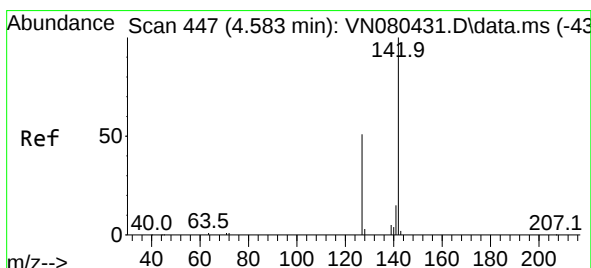
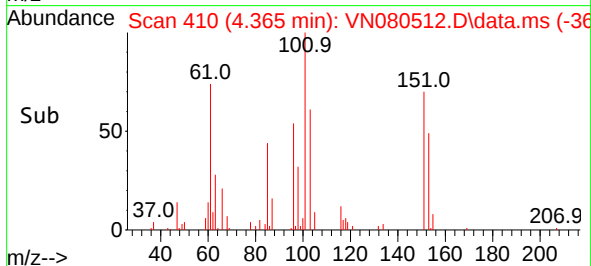
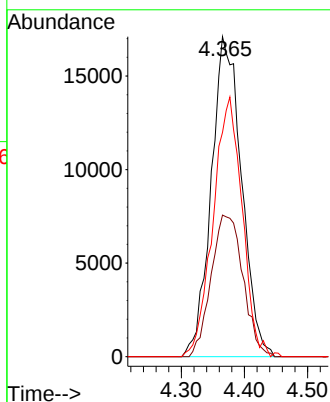
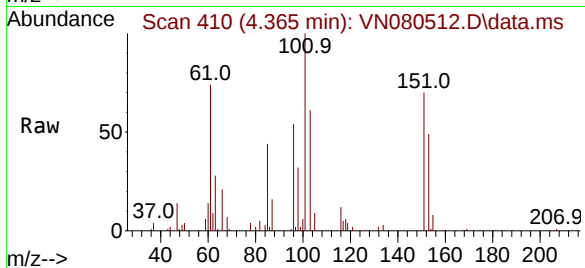
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.039 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:101 Resp: 5692
Ion Ratio Lower Upper
101 100
85 46.6 36.6 55.0
151 78.1 57.6 86.4

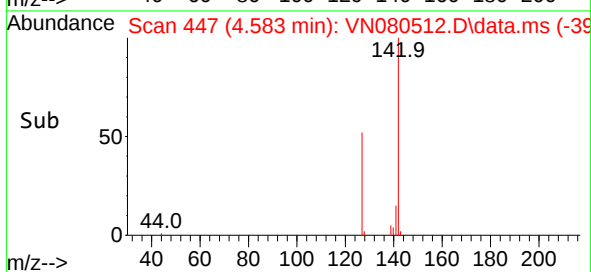
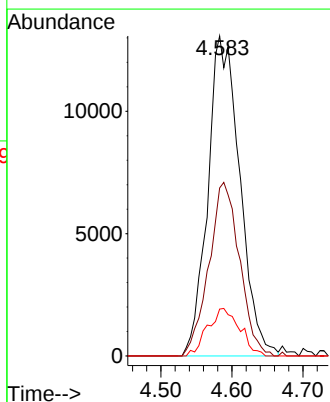
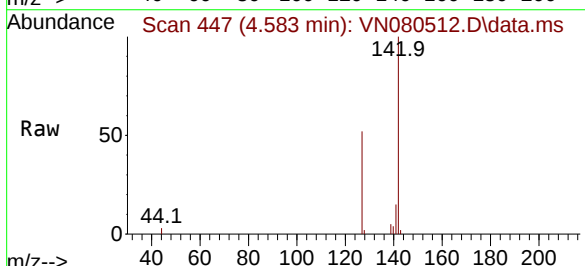
Manual Integrations
APPROVED

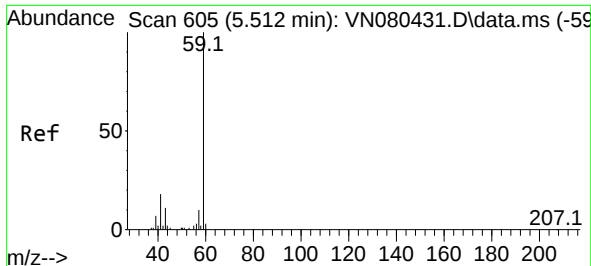
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#10
Methyl Iodide
Concen: 15.552 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

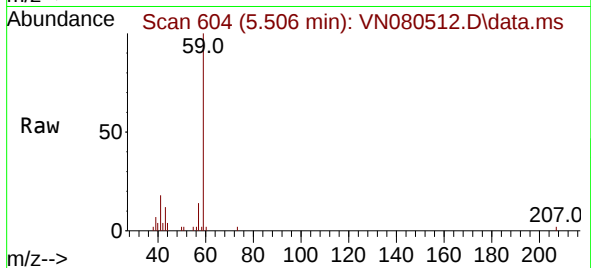
Tgt Ion:142 Resp: 40901
Ion Ratio Lower Upper
142 100
127 52.5 37.6 56.4
141 14.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 92.136 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

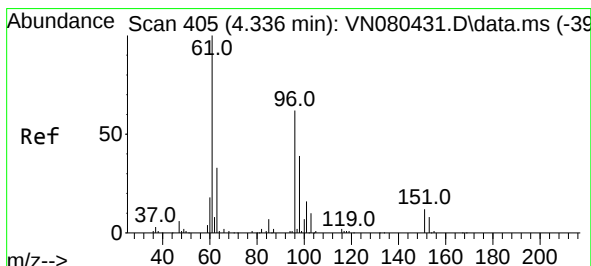
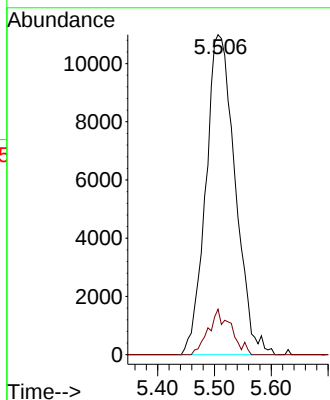
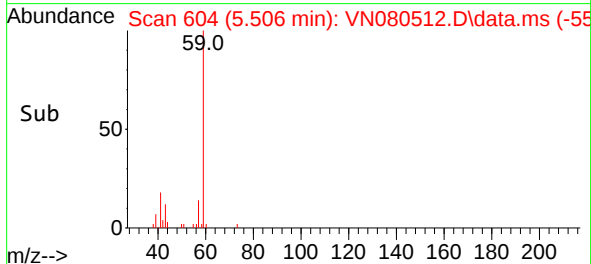
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 59 Resp: 3949
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

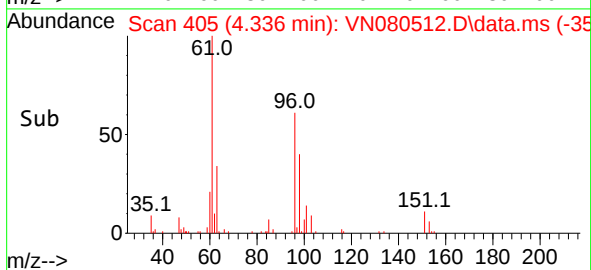
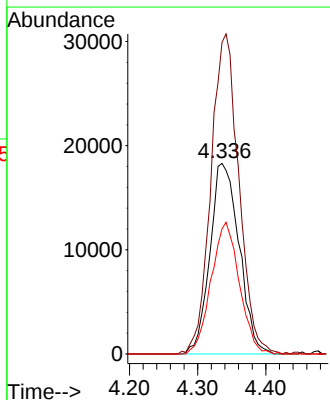
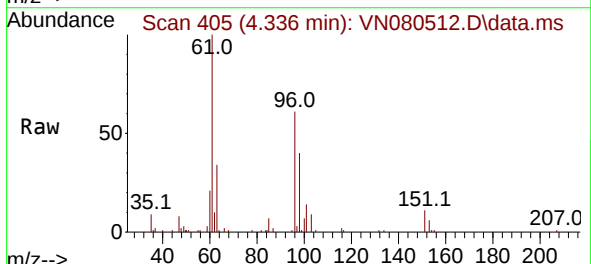
Manual Integrations
APPROVED

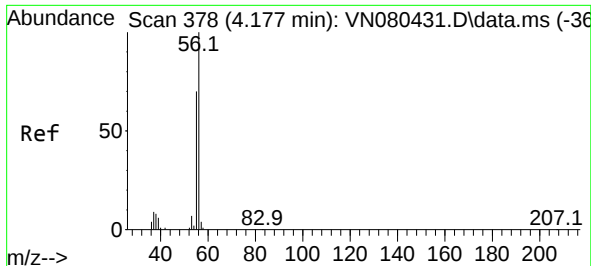
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#12
1,1-Dichloroethene
Concen: 17.787 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

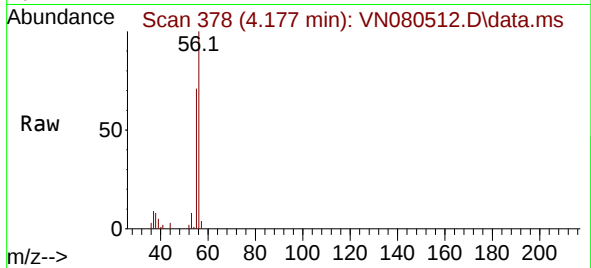
Tgt Ion: 96 Resp: 54493
Ion Ratio Lower Upper
96 100
61 163.5 112.7 169.1
98 65.6 51.2 76.8





#13
Acrolein
Concen: 103.383 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

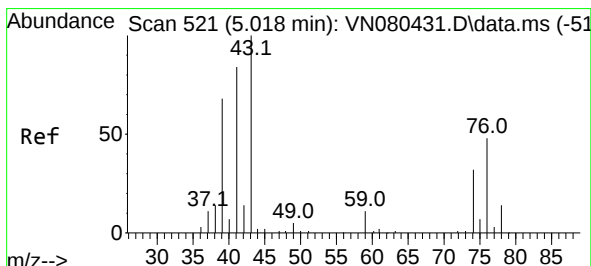
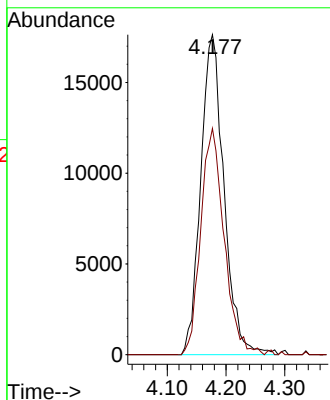
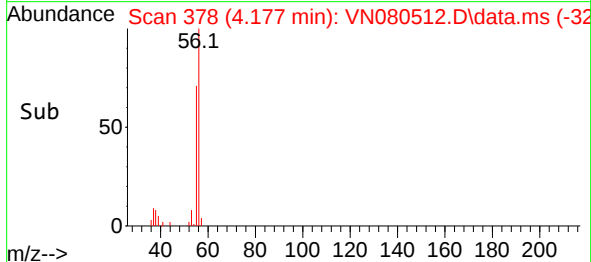
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



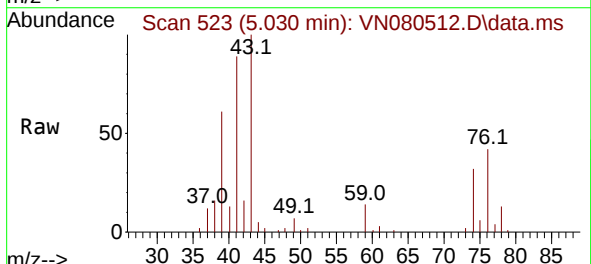
Tgt Ion: 56 Resp: 4853
Ion Ratio Lower Upper
56 100
55 71.0 54.5 81.7

Manual Integrations
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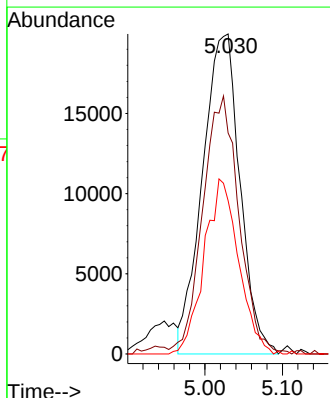
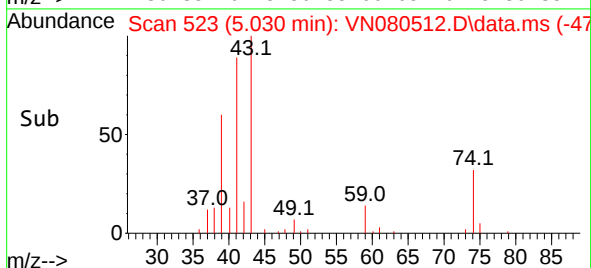
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

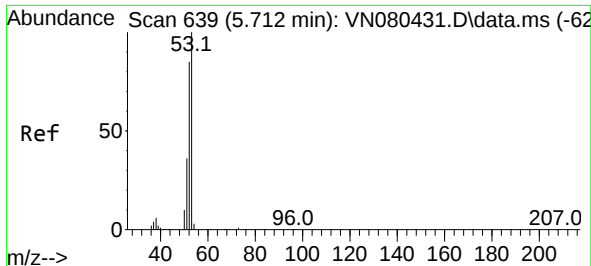


#14
Allyl chloride
Concen: 17.739 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45



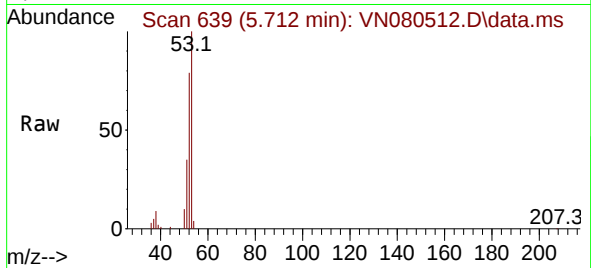
Tgt Ion: 41 Resp: 67239
Ion Ratio Lower Upper
41 100
39 77.8 58.8 88.2
76 50.1 39.1 58.7





#15
Acrylonitrile
Concen: 95.600 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

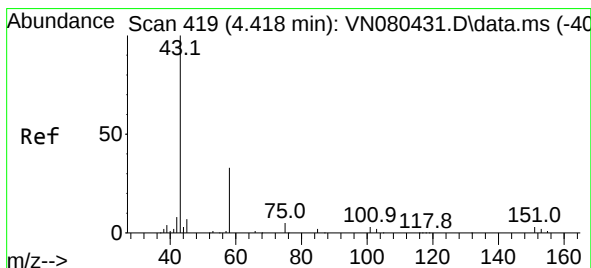
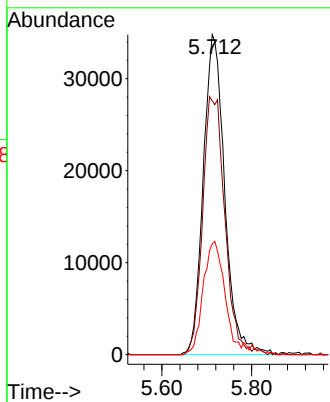
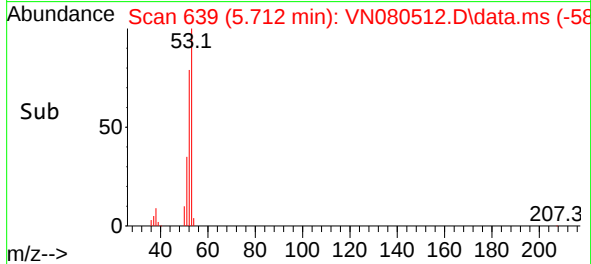
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



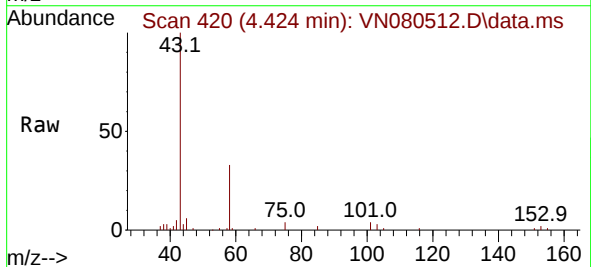
Tgt Ion: 53 Resp: 11579
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 36.2 28.9 43.3

Manual Integrations
APPROVED

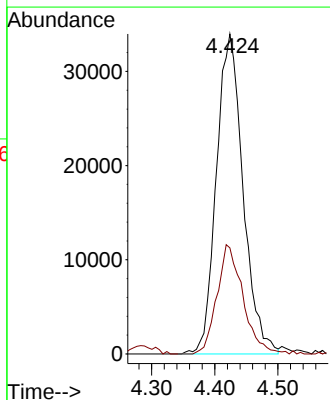
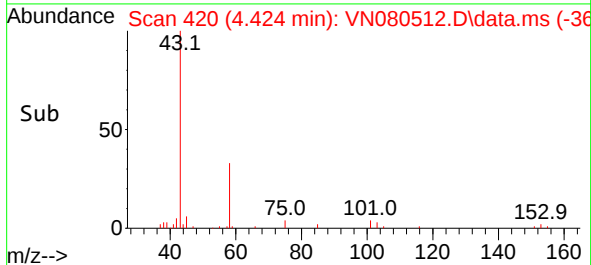
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

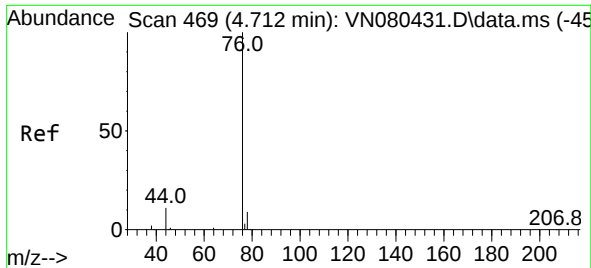


#16
Acetone
Concen: 154.315 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45



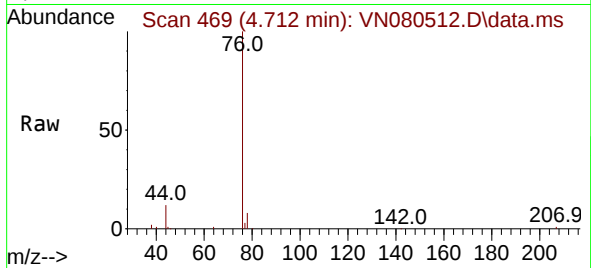
Tgt Ion: 43 Resp: 99595
Ion Ratio Lower Upper
43 100
58 33.2 28.0 42.0





#17
Carbon Disulfide
Concen: 16.249 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

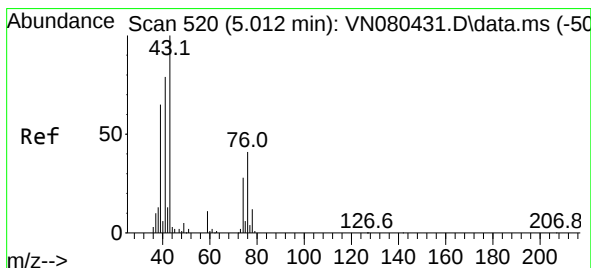
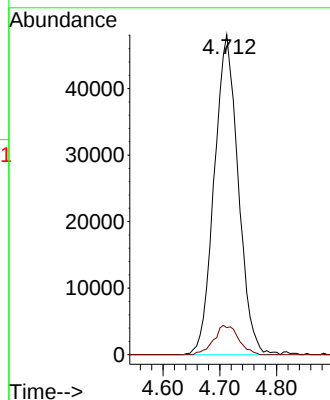
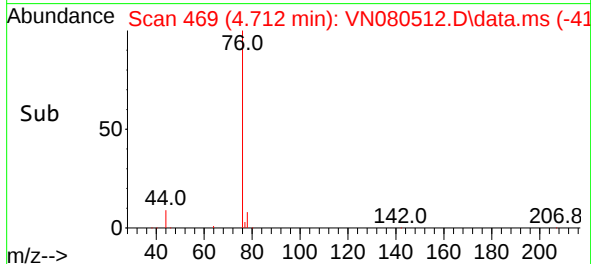
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 76 Resp: 14107
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

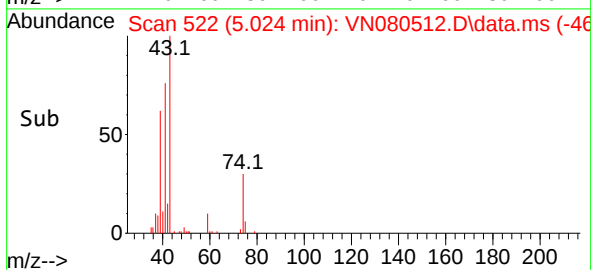
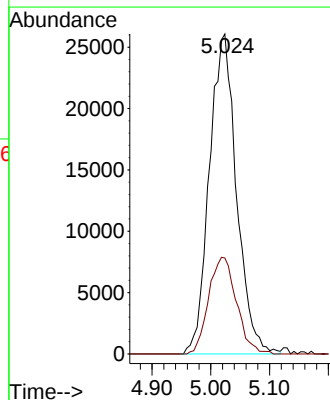
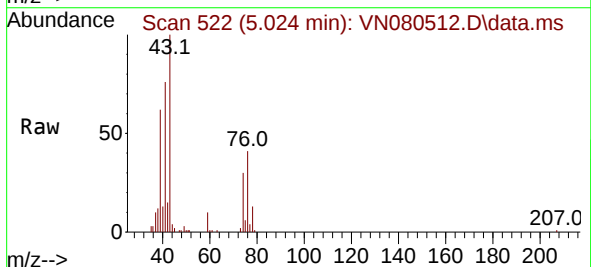
Manual Integrations
APPROVED

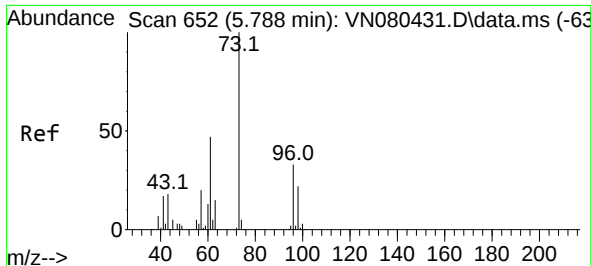
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#18
Methyl Acetate
Concen: 20.183 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Tgt Ion: 43 Resp: 83818
Ion Ratio Lower Upper
43 100
74 30.9 26.2 39.4





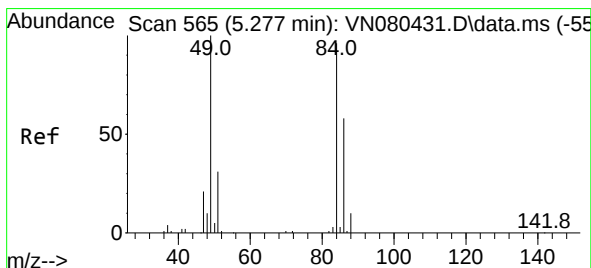
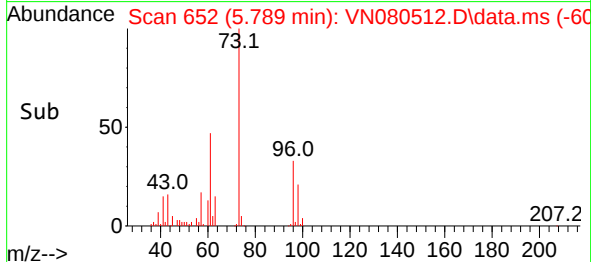
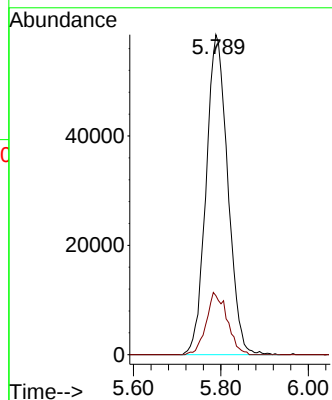
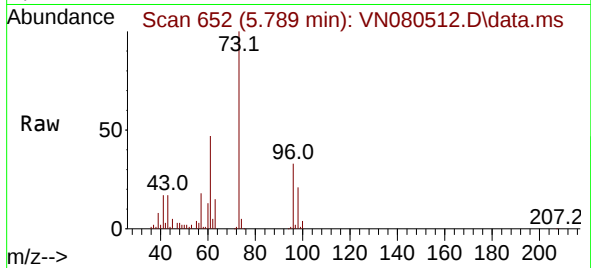
#19
Methyl tert-butyl Ether
Concen: 19.730 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 73 Resp: 20166
Ion Ratio Lower Upper
73 100
57 18.4 15.6 23.4

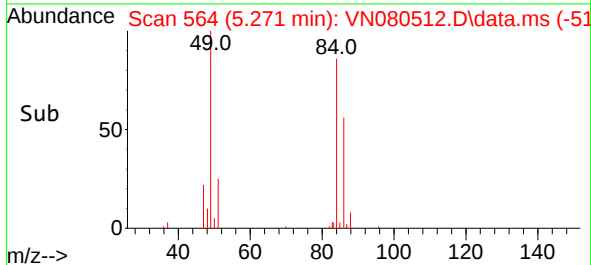
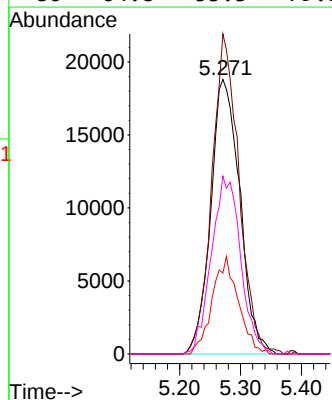
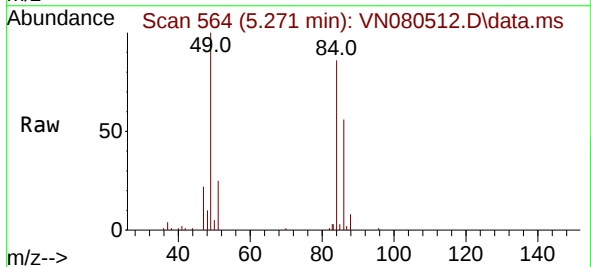
Manual Integrations
APPROVED

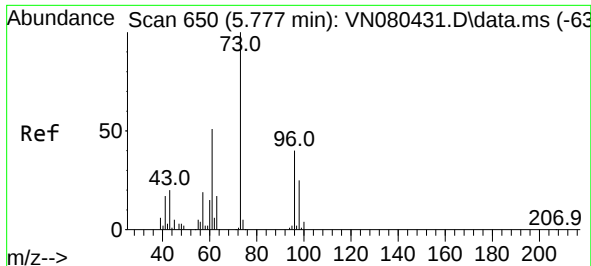
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#20
Methylene Chloride
Concen: 18.042 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Tgt Ion: 84 Resp: 62315
Ion Ratio Lower Upper
84 100
49 116.6 79.7 119.5
51 29.5 25.2 37.8
86 64.8 53.3 79.9





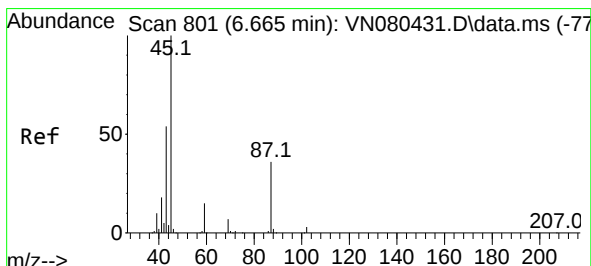
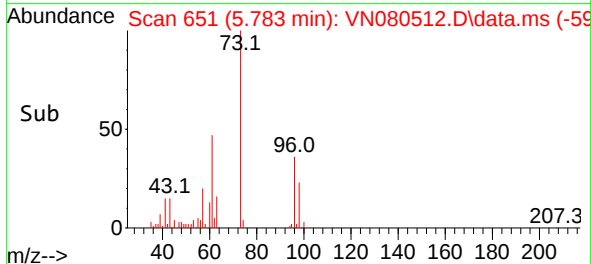
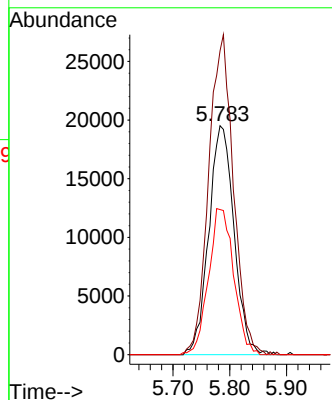
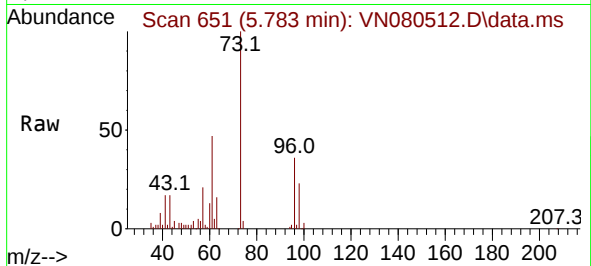
#21
trans-1,2-Dichloroethene
Concen: 18.132 ug/l
RT: 5.783 min Scan# 6023
Delta R.T. 0.006 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 96 Resp: 6023
Ion Ratio Lower Upper
96 100
61 132.7 90.1 135.1
98 63.4 46.4 69.6

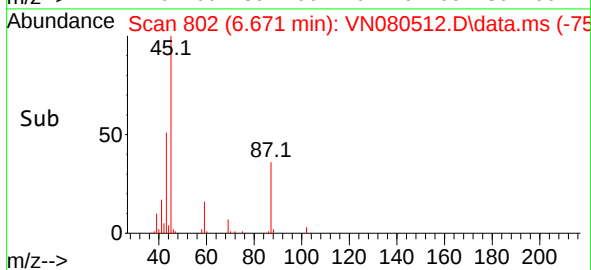
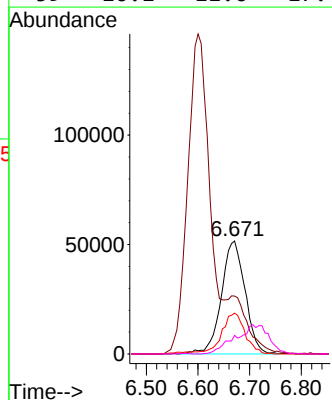
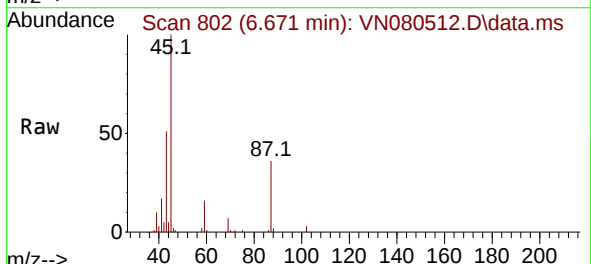
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#22
Diisopropyl ether
Concen: 20.125 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

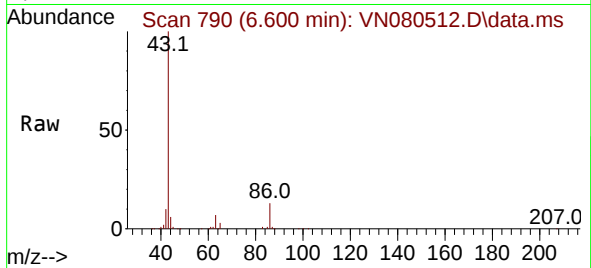
Tgt Ion: 45 Resp: 164641
Ion Ratio Lower Upper
45 100
43 49.5 45.5 68.3
87 36.1 31.8 47.8
59 16.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 92.500 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080512.D
 Acq: 19 Dec 2023 11:45

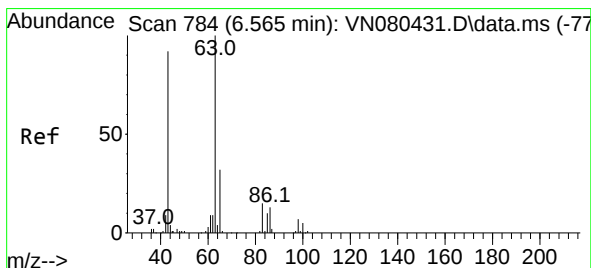
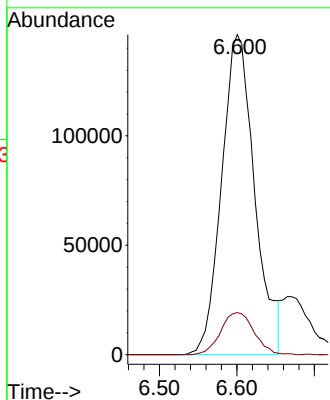
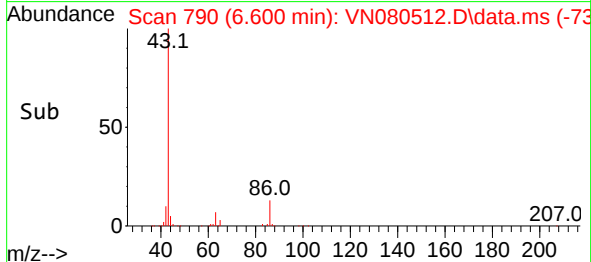
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBS01



Tgt Ion: 43 Resp: 434629
 Ion Ratio Lower Upper
 43 100
 86 13.2 13.0 19.6

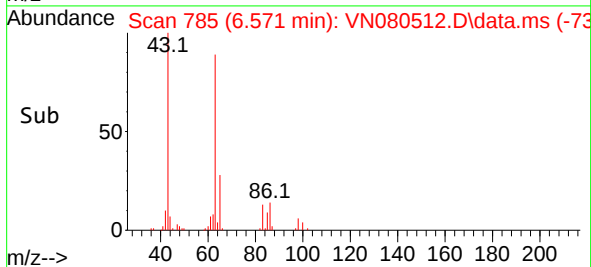
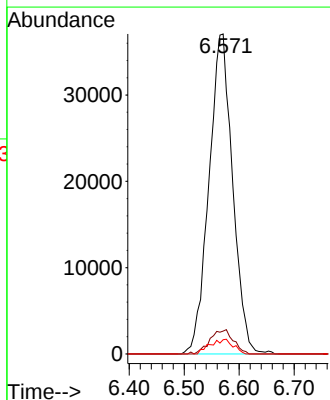
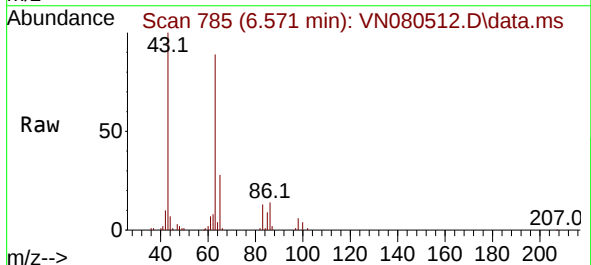
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/20/2023
 Supervised By :Mahesh Dadoda 12/20/2023



#24
 1,1-Dichloroethane
 Concen: 19.452 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080512.D
 Acq: 19 Dec 2023 11:45

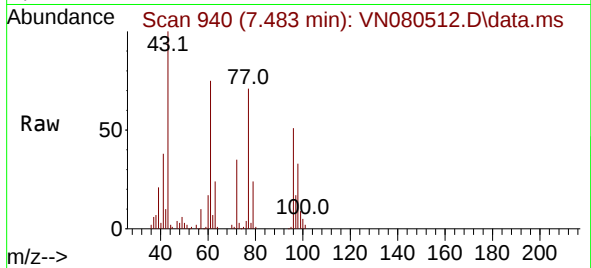
Tgt Ion: 63 Resp: 111030
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 108.772 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

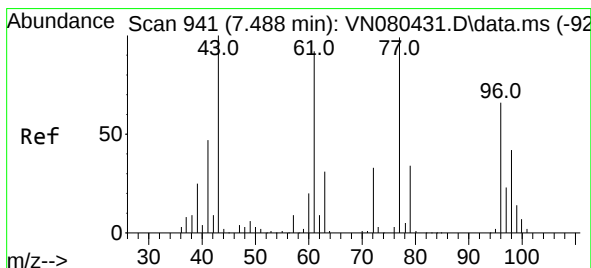
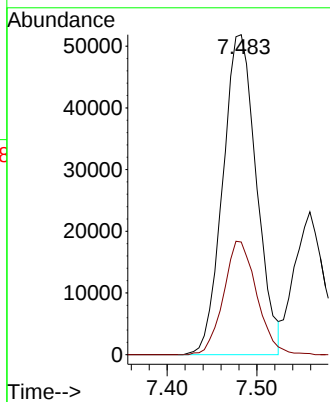
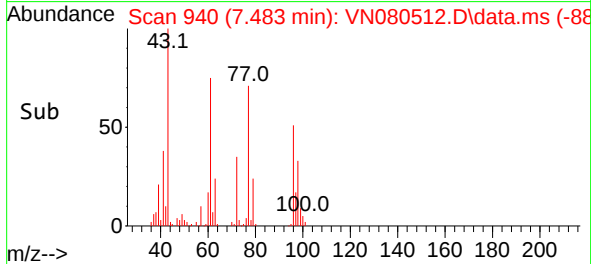
Instrument :
MSVOA_N
Client SampleId :
VN1219WBS01



Tgt Ion: 43 Resp: 13523
Ion Ratio Lower Upper
43 100
72 35.2 30.2 45.2

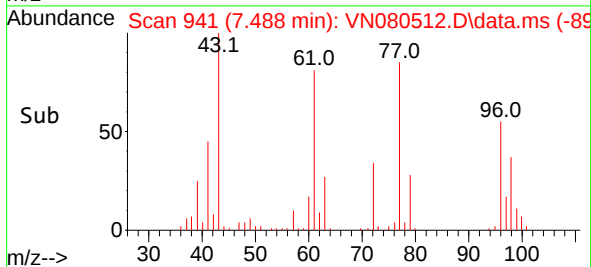
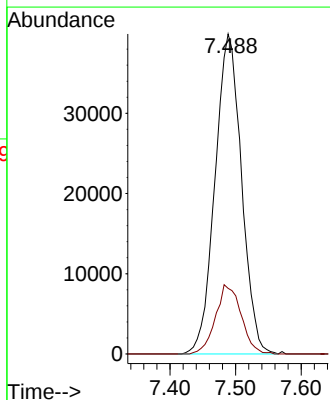
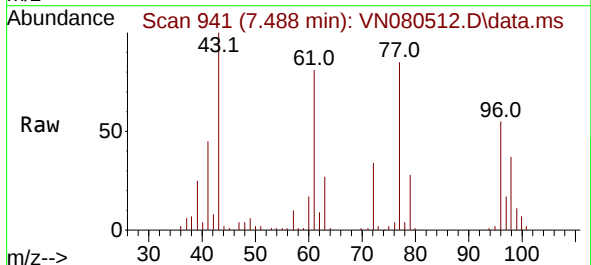
Manual Integrations
APPROVED

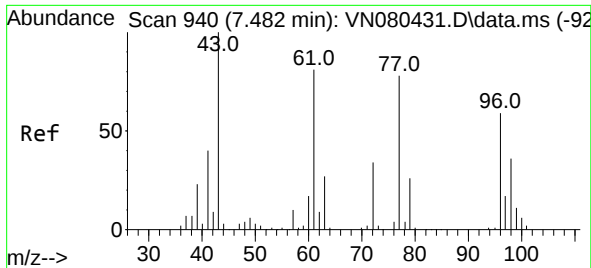
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#26
2,2-Dichloropropane
Concen: 19.144 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Tgt Ion: 77 Resp: 111739
Ion Ratio Lower Upper
77 100
97 20.9 11.2 33.6





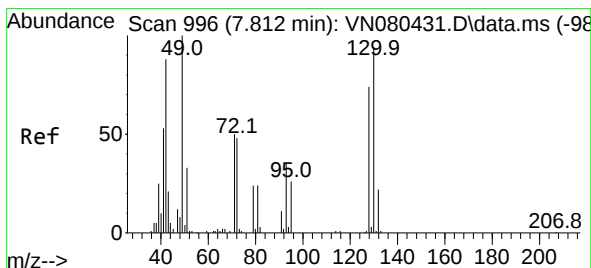
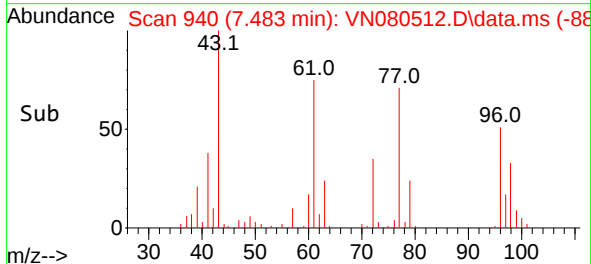
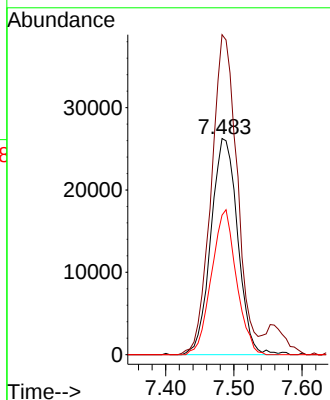
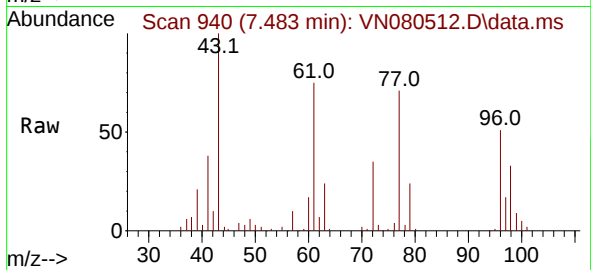
#27
 cis-1,2-Dichloroethene
 Concen: 19.053 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080512.D
 Acq: 19 Dec 2023 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBS01

Tgt Ion: 96 Resp: 7164
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 255.2
 98 62.6 0.0 128.8

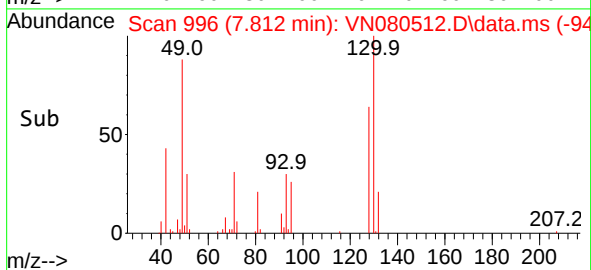
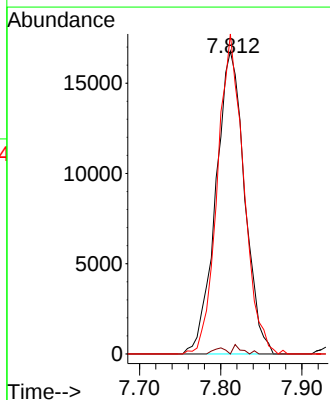
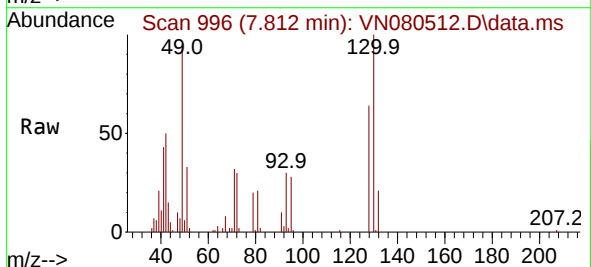
Manual Integrations
 APPROVED

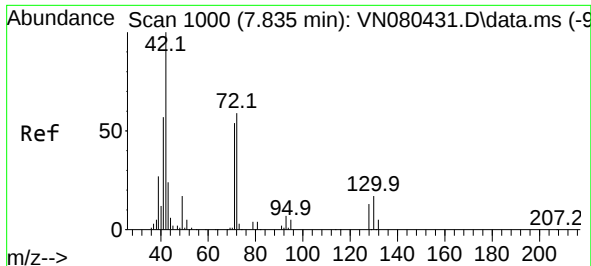
Reviewed By :John Carlone 12/20/2023
 Supervised By :Mahesh Dadoda 12/20/2023



#28
 Bromochloromethane
 Concen: 18.862 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080512.D
 Acq: 19 Dec 2023 11:45

Tgt Ion: 49 Resp: 41336
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 96.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 93.827 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080512.D

Acq: 19 Dec 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

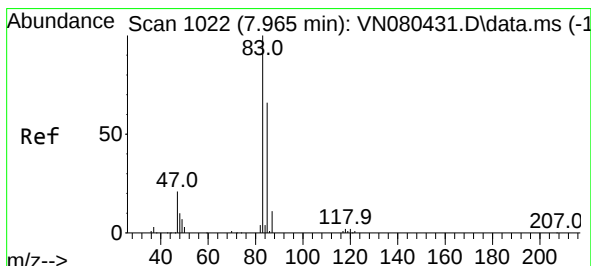
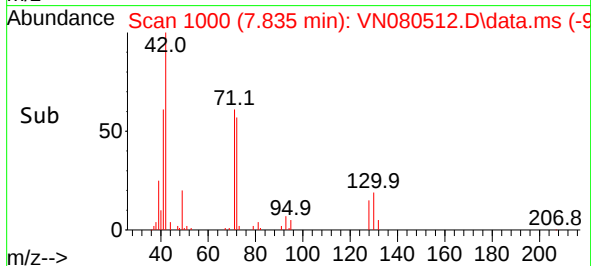
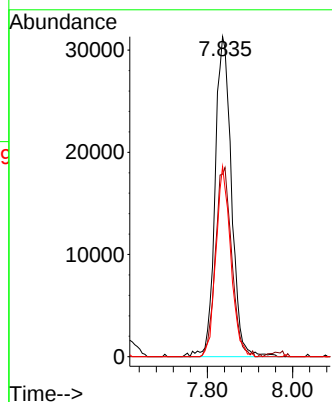
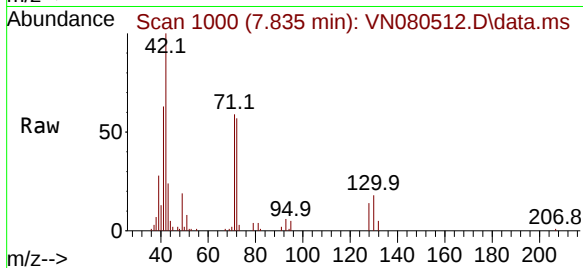
Tgt Ion:	42	Resp:	8353
Ion Ratio	Lower	Upper	
42	100		
72	58.7	49.8	74.6
71	53.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#30

Chloroform

Concen: 19.830 ug/l

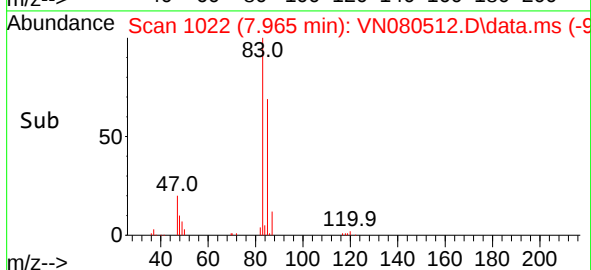
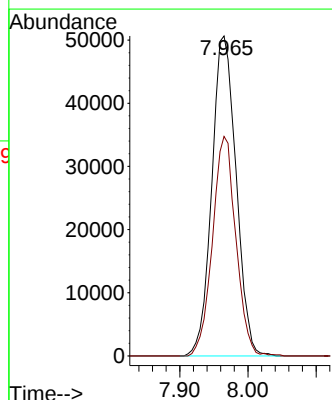
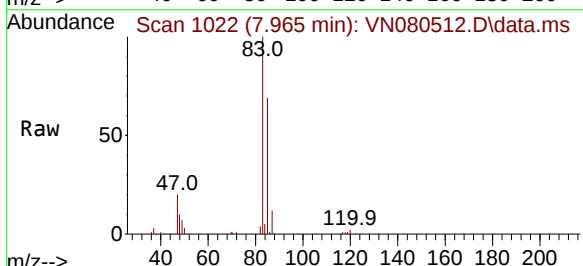
RT: 7.965 min Scan# 1022

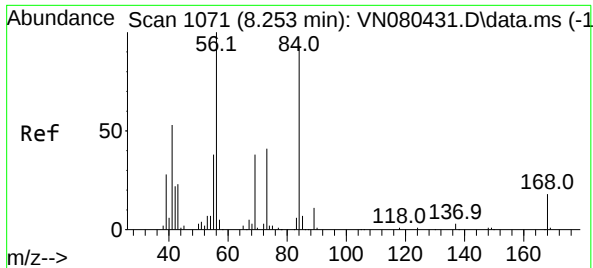
Delta R.T. 0.000 min

Lab File: VN080512.D

Acq: 19 Dec 2023 11:45

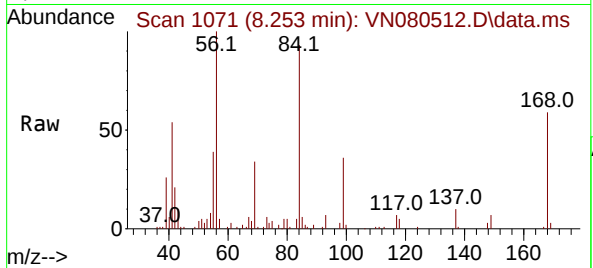
Tgt Ion:	83	Resp:	125639
Ion Ratio	Lower	Upper	
83	100		
85	68.6	55.4	83.0





#31
Cyclohexane
Concen: 18.049 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

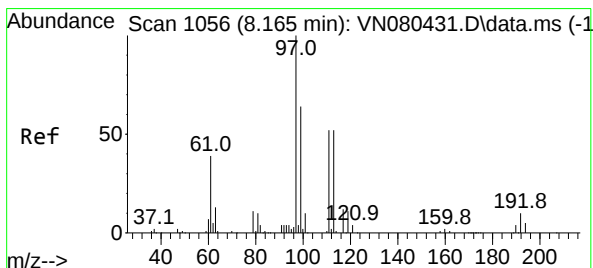
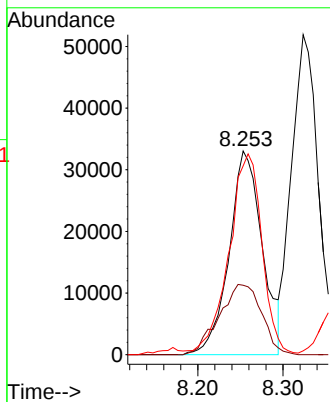
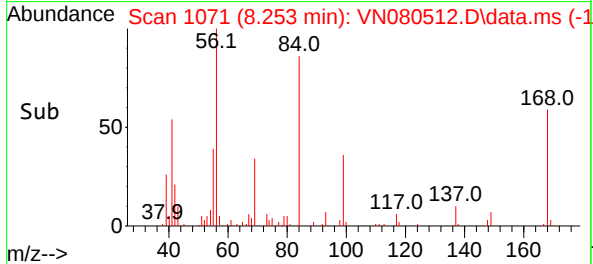
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



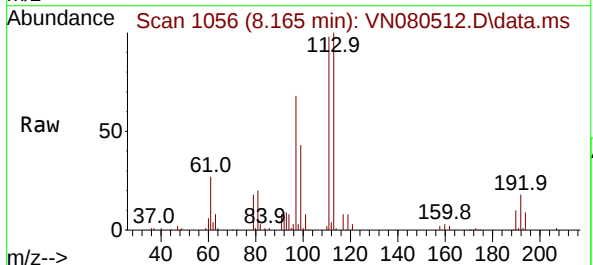
Tgt Ion: 56 Resp: 89339
Ion Ratio Lower Upper
56 100
69 34.1 26.8 40.2
84 90.7 81.8 122.6

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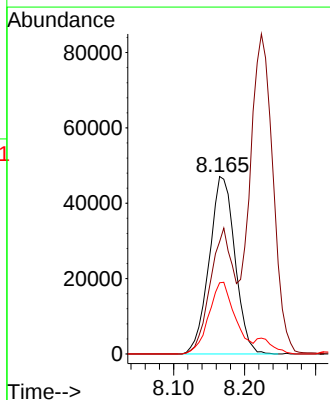
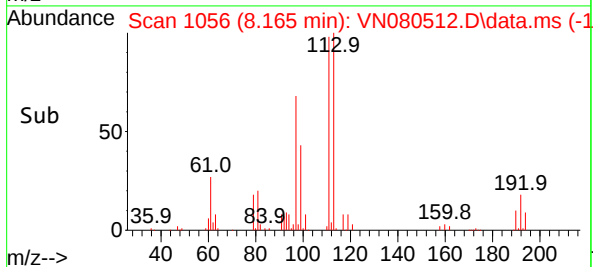
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

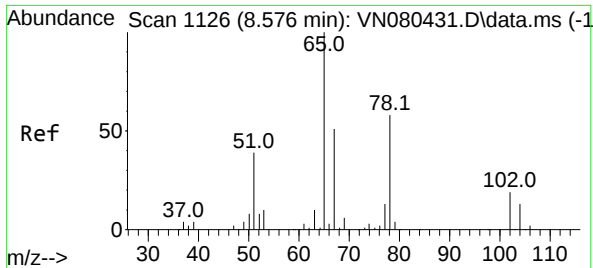


#32
1,1,1-Trichloroethane
Concen: 19.057 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45



Tgt Ion: 97 Resp: 118220
Ion Ratio Lower Upper
97 100
99 62.8 50.3 75.5
61 41.7 34.7 52.1





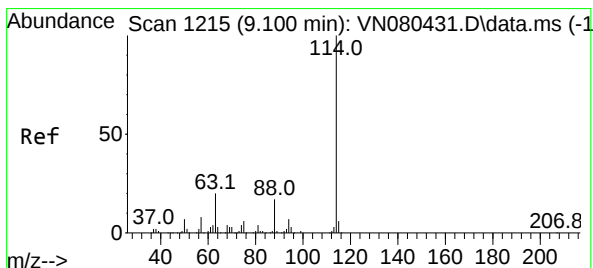
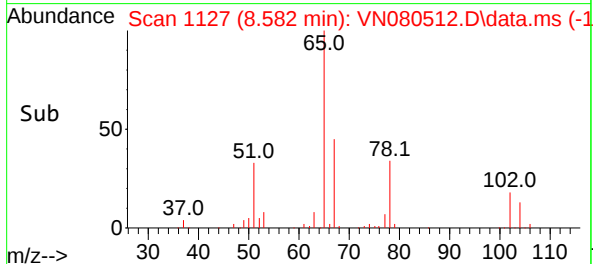
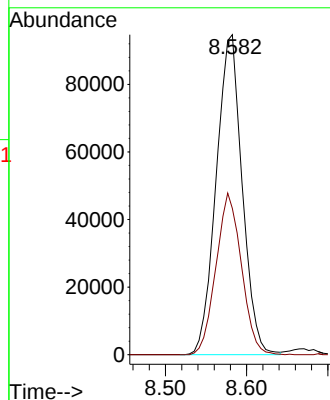
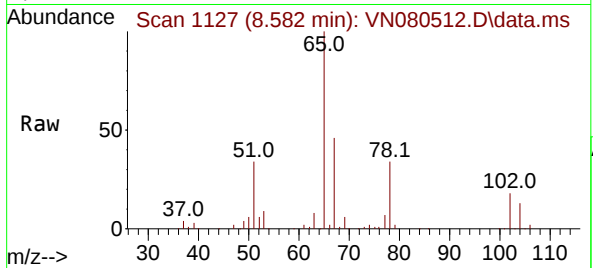
#33
1,2-Dichloroethane-d4
Concen: 57.907 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 65 Resp: 21077
Ion Ratio Lower Upper
65 100
67 49.3 0.0 106.6

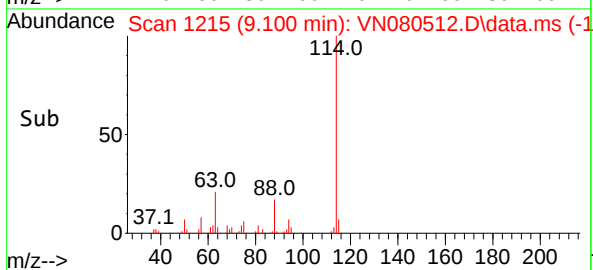
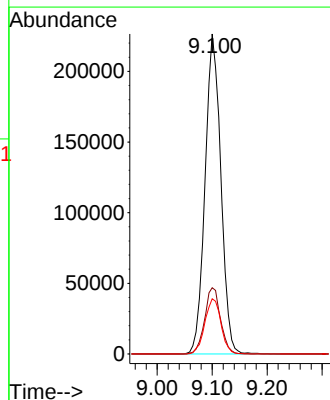
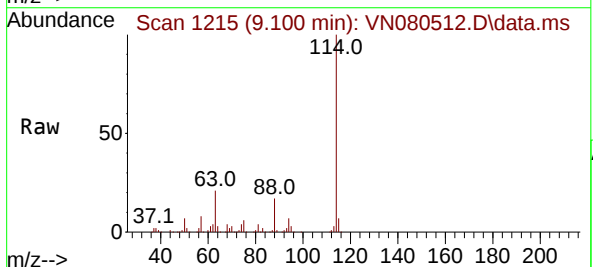
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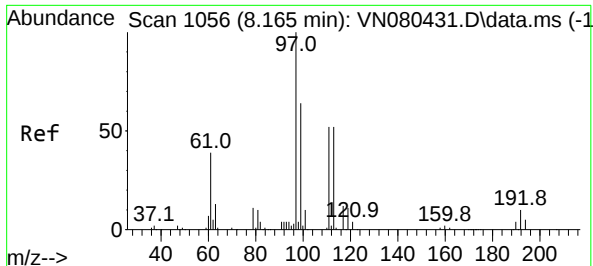
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Tgt Ion:114 Resp: 451781
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.4
88 17.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.607 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080512.D

Acq: 19 Dec 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion: 113 Resp: 162150

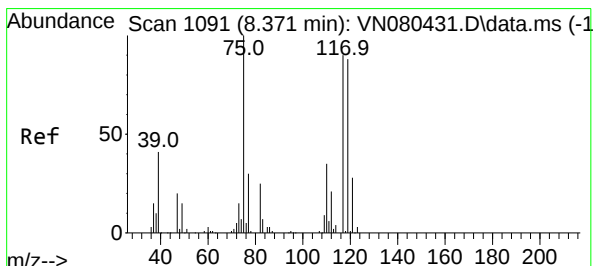
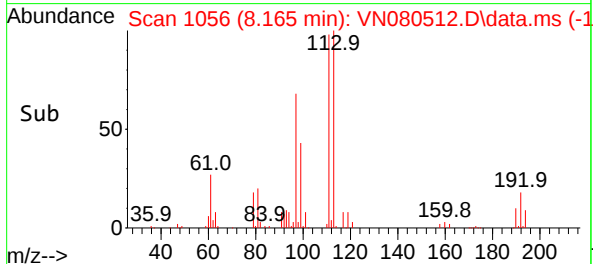
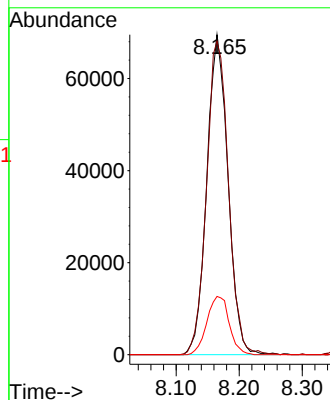
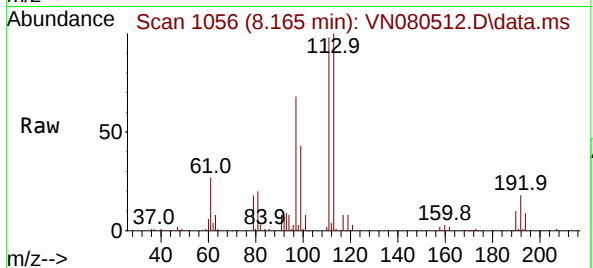
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	19.1	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#36

1,1-Dichloropropene

Concen: 18.795 ug/l

RT: 8.371 min Scan# 1091

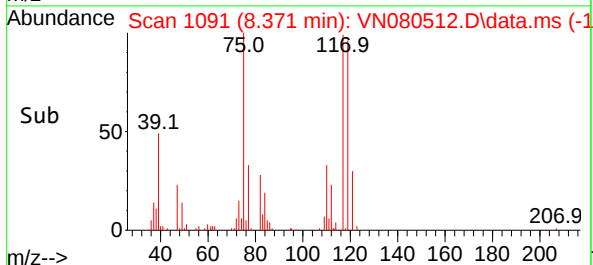
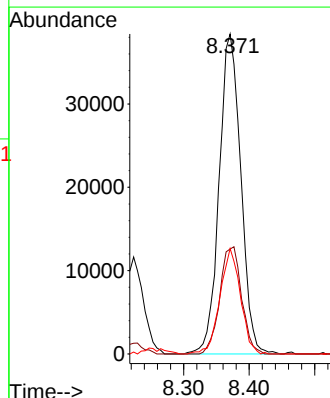
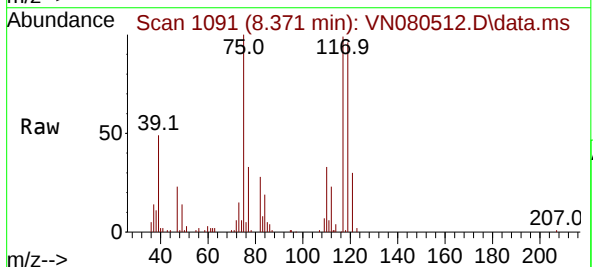
Delta R.T. 0.000 min

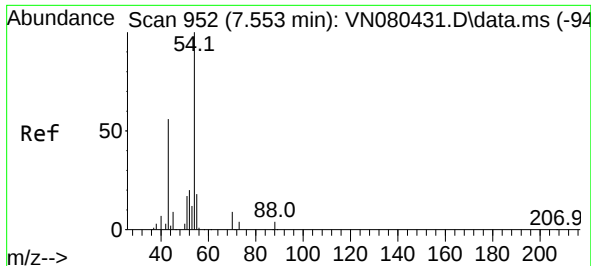
Lab File: VN080512.D

Acq: 19 Dec 2023 11:45

Tgt Ion: 75 Resp: 88030

Ion	Ratio	Lower	Upper
75	100		
110	33.7	19.1	57.3
77	31.3	25.0	37.4





#37

Ethyl Acetate

Concen: 19.115 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080512.D

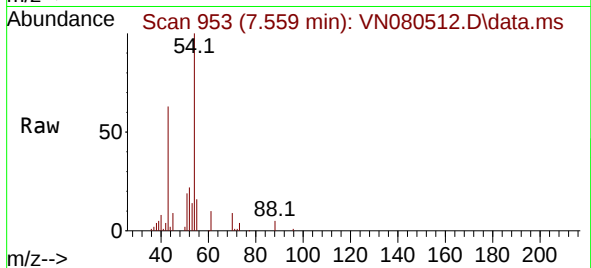
Acq: 19 Dec 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01



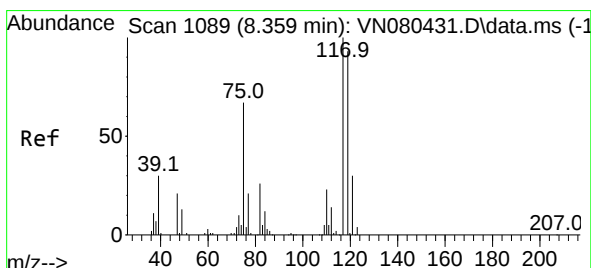
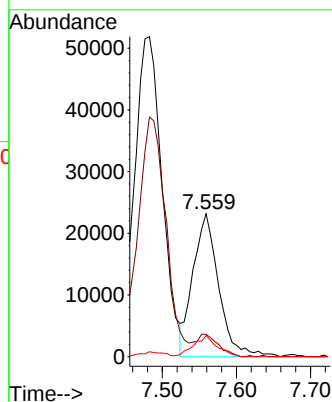
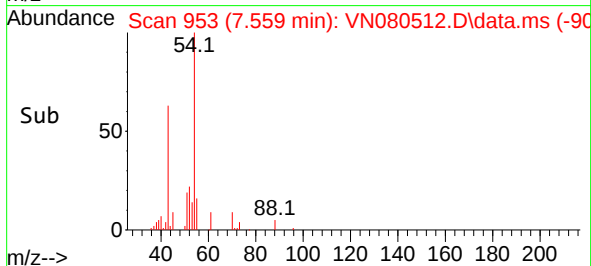
Tgt Ion:	43	Resp:	5606
Ion	Ratio	Lower	Upper
43	100		
61	12.6	13.2	19.8
70	13.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#38

Carbon Tetrachloride

Concen: 19.519 ug/l

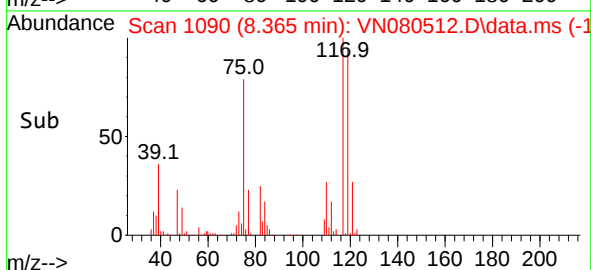
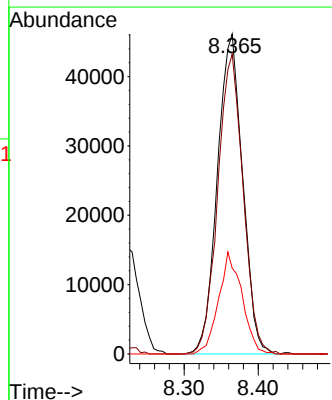
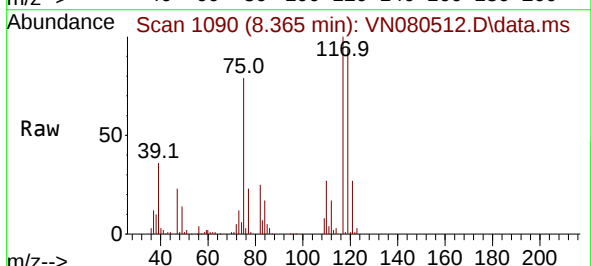
RT: 8.365 min Scan# 1090

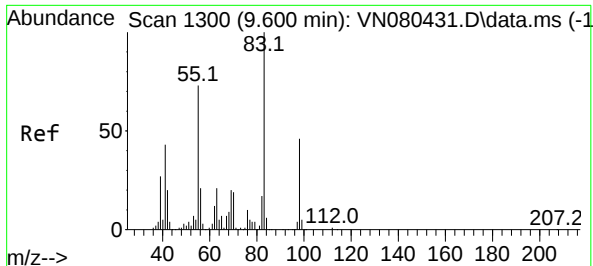
Delta R.T. 0.006 min

Lab File: VN080512.D

Acq: 19 Dec 2023 11:45

Tgt Ion:	117	Resp:	109238
Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.3	115.9
121	26.8	23.3	34.9





#39

Methylcyclohexane

Concen: 17.445 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080512.D

Acq: 19 Dec 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

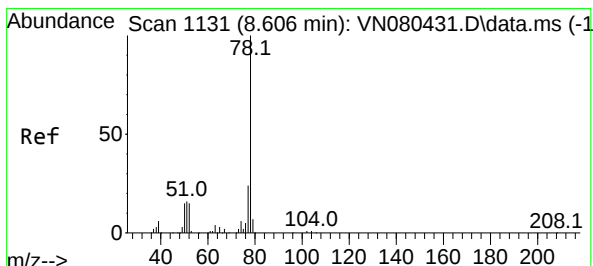
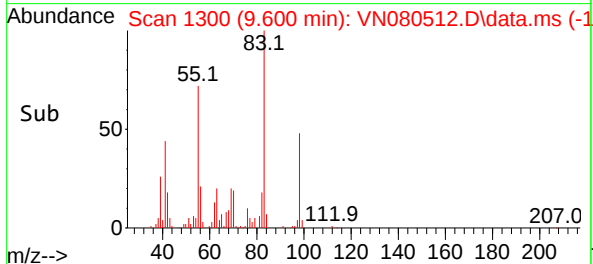
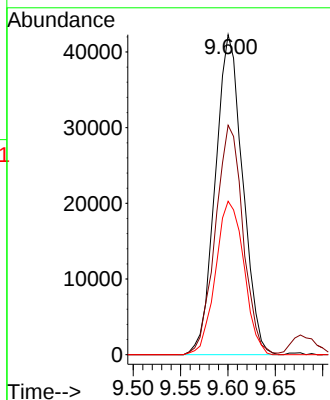
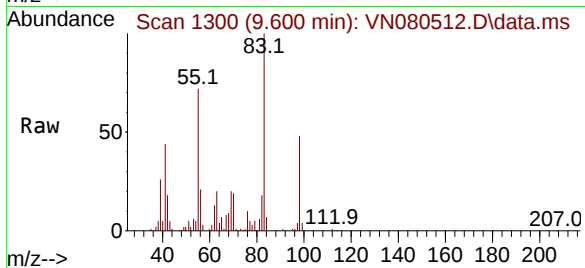
Tgt Ion:	83	Resp:	84879
Ion Ratio	Lower	Upper	
83	100		
55	71.7	49.1	73.7
98	48.0	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#40

Benzene

Concen: 18.884 ug/l

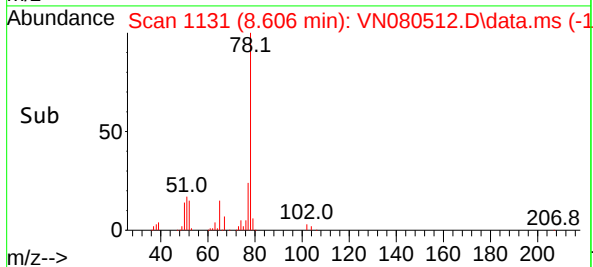
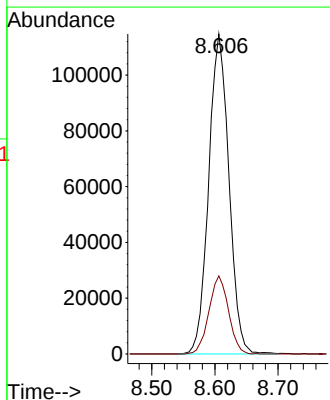
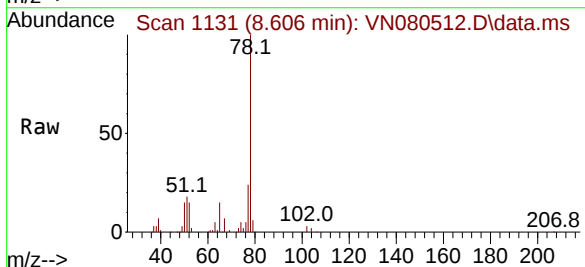
RT: 8.606 min Scan# 1131

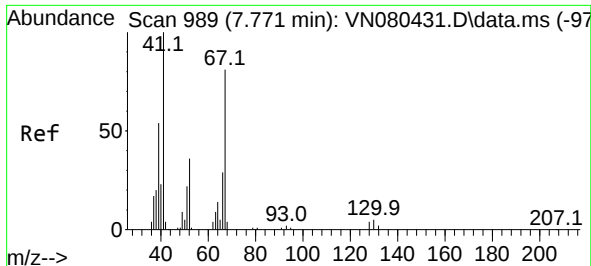
Delta R.T. 0.000 min

Lab File: VN080512.D

Acq: 19 Dec 2023 11:45

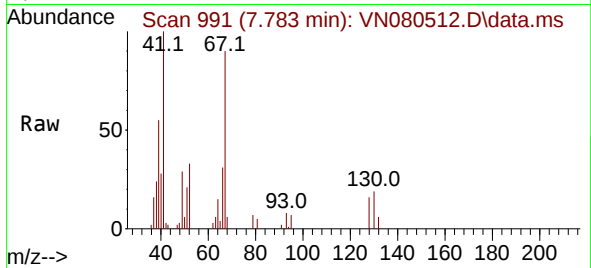
Tgt Ion:	78	Resp:	255398
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.0	28.6





#41
Methacrylonitrile
Concen: 19.641 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

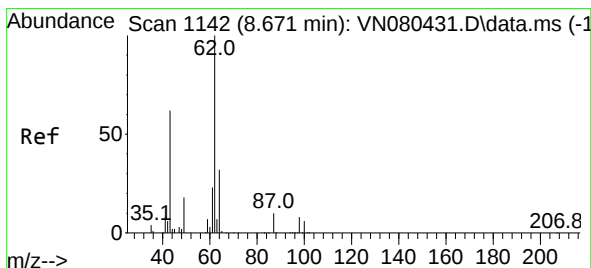
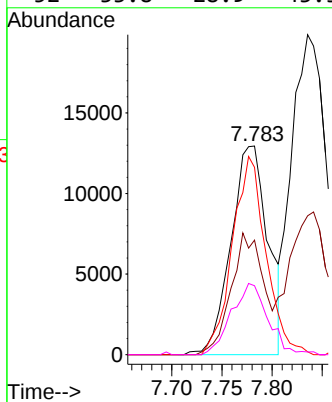
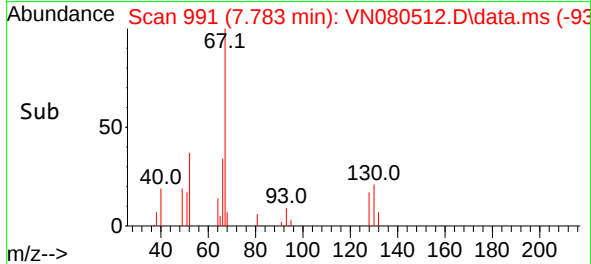
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



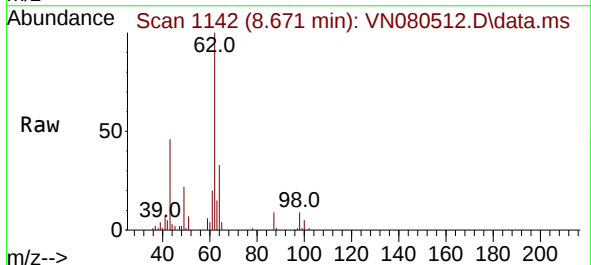
Tgt Ion: 41 Resp: 33209
Ion Ratio Lower Upper
41 100
39 50.7 42.6 64.0
67 86.3 77.5 116.3
52 33.8 28.9 43.3

Manual Integrations
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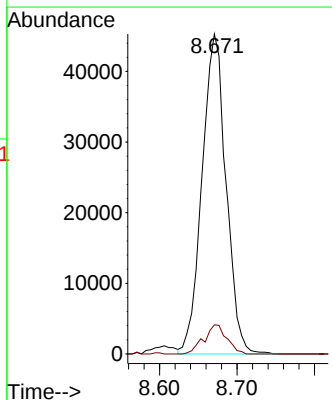
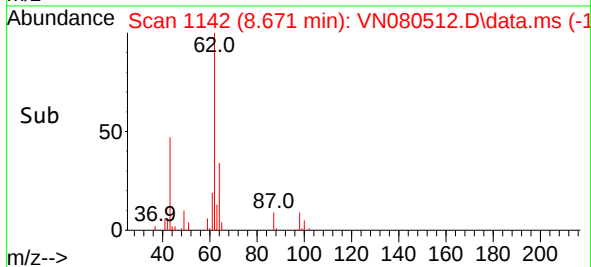
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

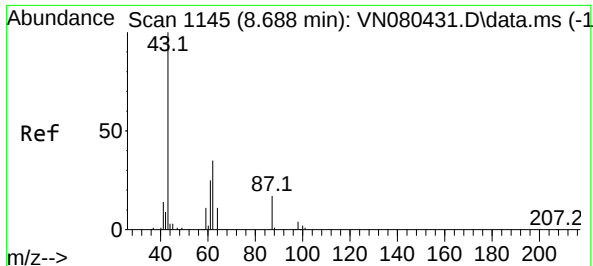


#42
1,2-Dichloroethane
Concen: 19.501 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45



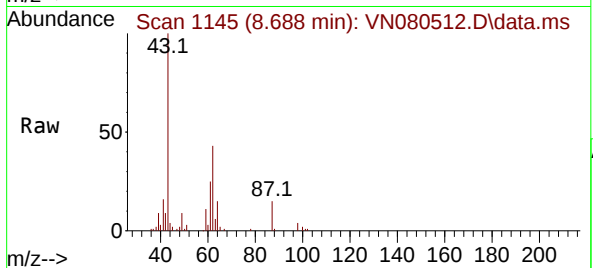
Tgt Ion: 62 Resp: 97669
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.595 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

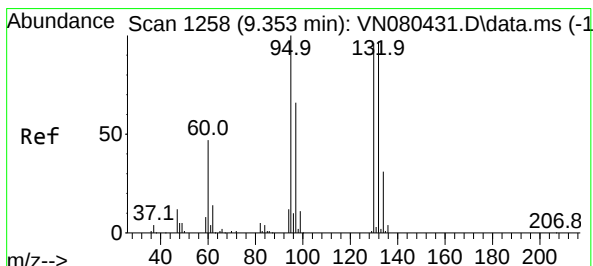
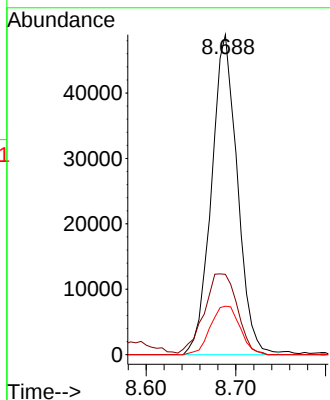
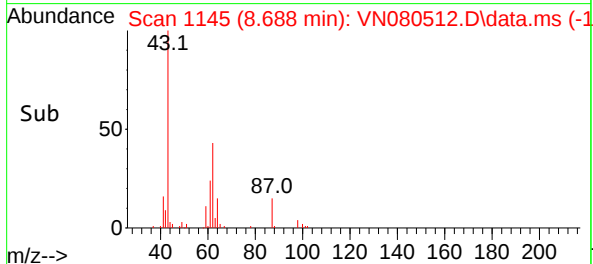
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



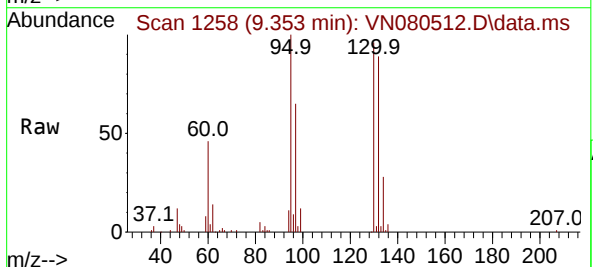
Tgt Ion: 43 Resp: 9806
Ion Ratio Lower Upper
43 100
61 32.5 24.7 37.1
87 17.3 14.6 21.8

Manual Integrations
APPROVED

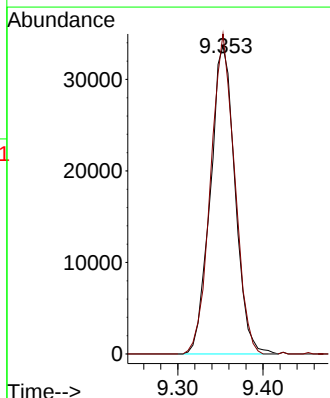
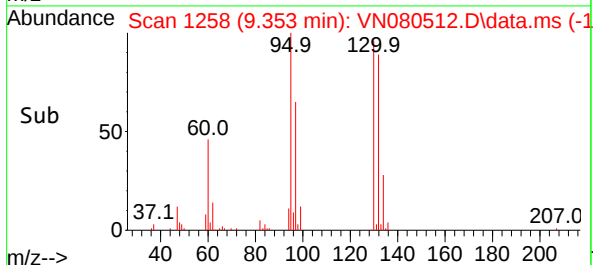
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

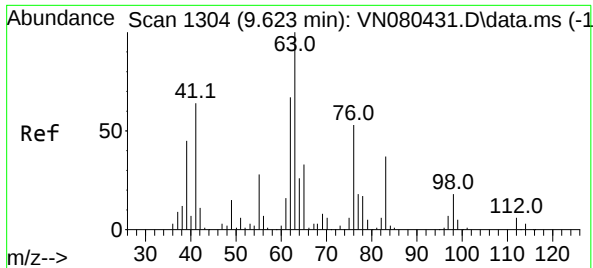


#44
Trichloroethene
Concen: 18.619 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45



Tgt Ion:130 Resp: 67884
Ion Ratio Lower Upper
130 100
95 103.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.783 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080512.D

Acq: 19 Dec 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion: 63 Resp: 5966

Ion Ratio Lower Upper

63 100

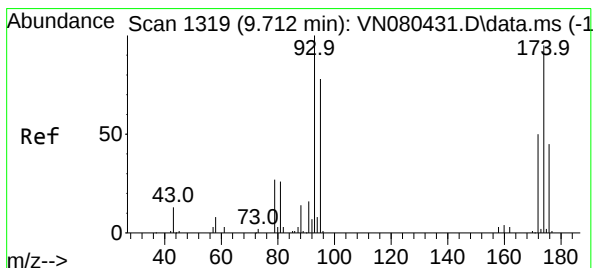
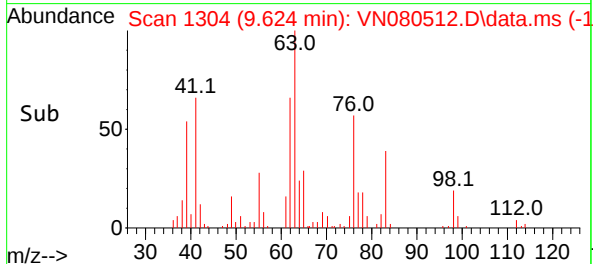
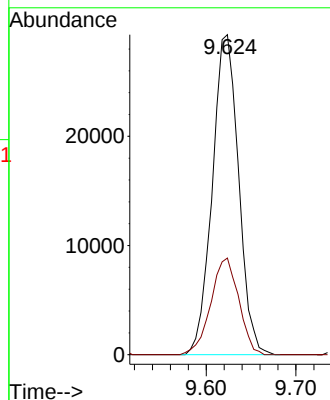
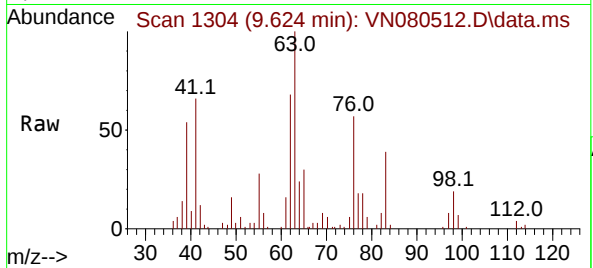
65 30.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#46

Dibromomethane

Concen: 19.032 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080512.D

Acq: 19 Dec 2023 11:45

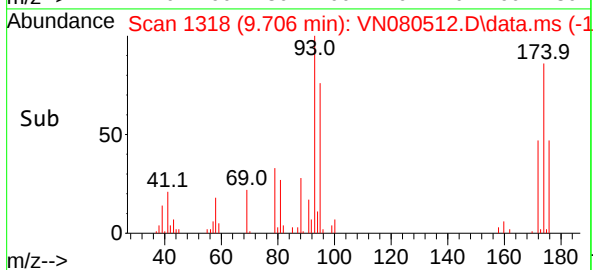
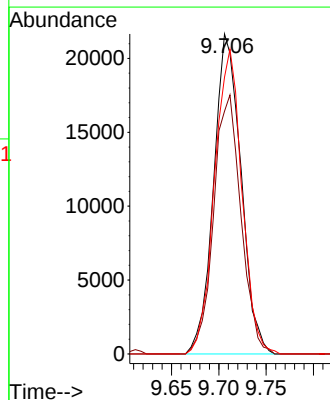
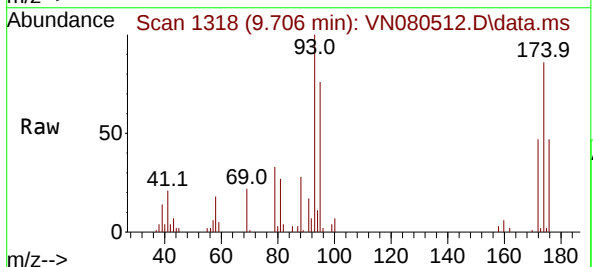
Tgt Ion: 93 Resp: 43415

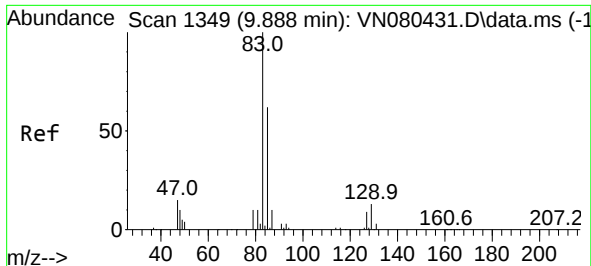
Ion Ratio Lower Upper

93 100

95 81.1 63.8 95.8

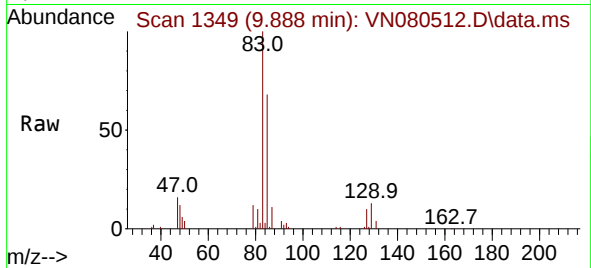
174 95.6 65.6 98.4





#47
Bromodichloromethane
Concen: 19.435 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

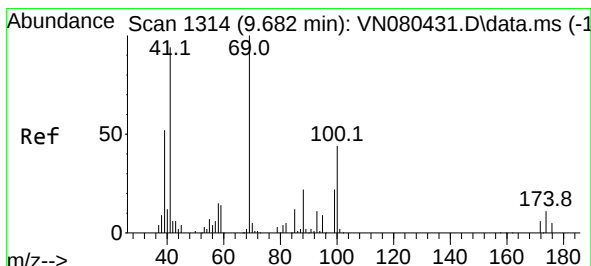
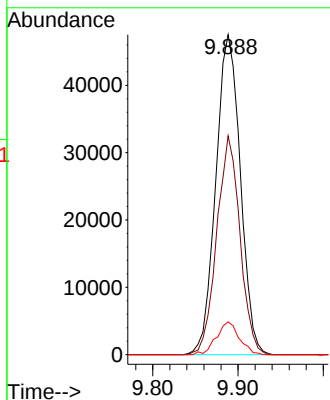
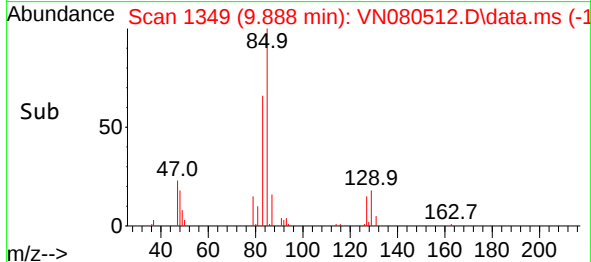
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



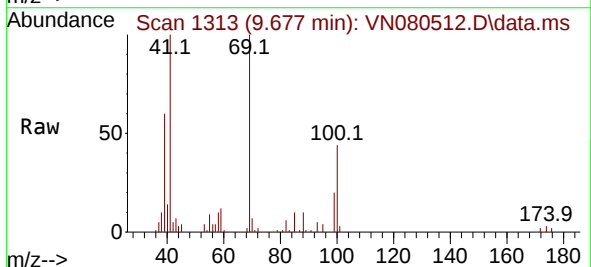
Tgt Ion: 83 Resp: 95019
Ion Ratio Lower Upper
83 100
85 68.4 49.6 74.4
127 10.3 7.0 10.6

Manual Integrations
APPROVED

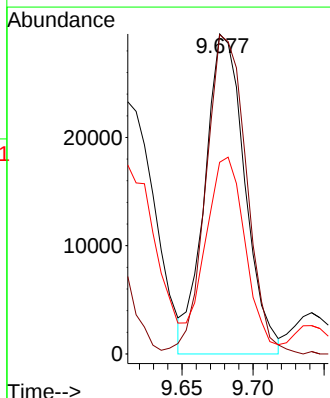
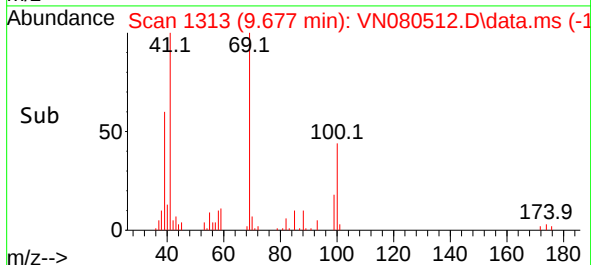
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

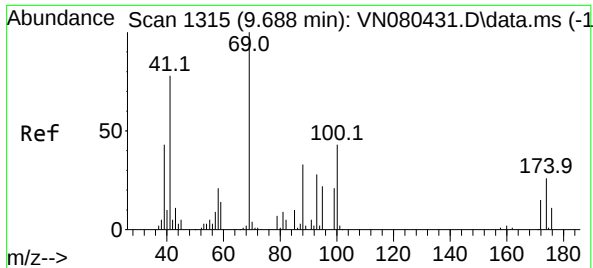


#48
Methyl methacrylate
Concen: 18.372 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45



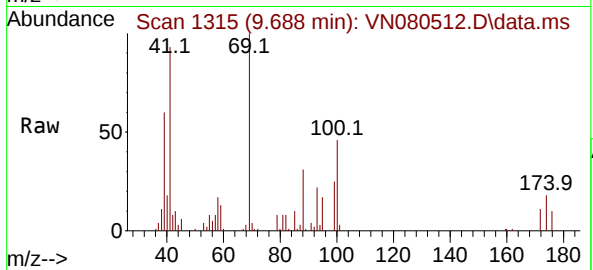
Tgt Ion: 41 Resp: 57814
Ion Ratio Lower Upper
41 100
69 101.0 90.4 135.6
39 62.7 54.6 81.8





#49
1,4-Dioxane
Concen: 349.630 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

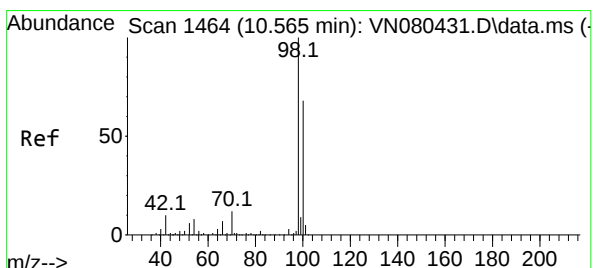
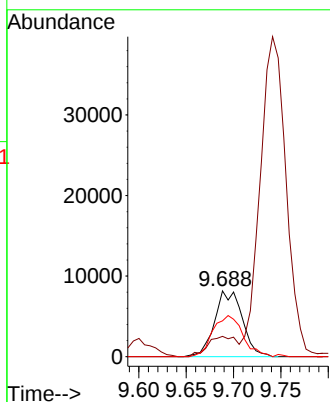
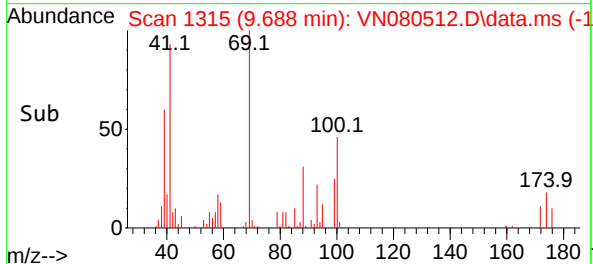
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 88 Resp: 1667
Ion Ratio Lower Upper
88 100
43 31.9 17.0 25.6
58 67.3 47.0 70.4

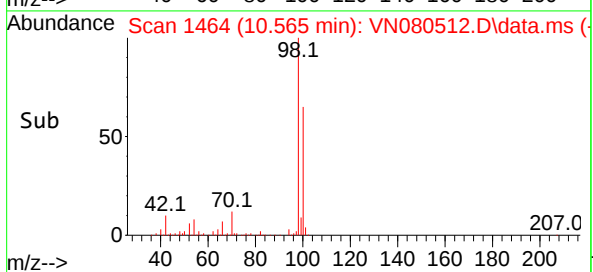
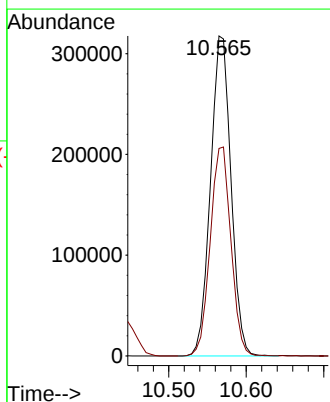
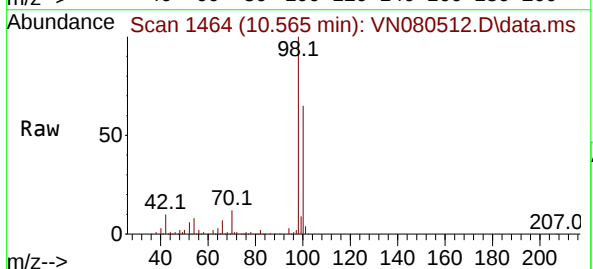
Manual Integrations
APPROVED

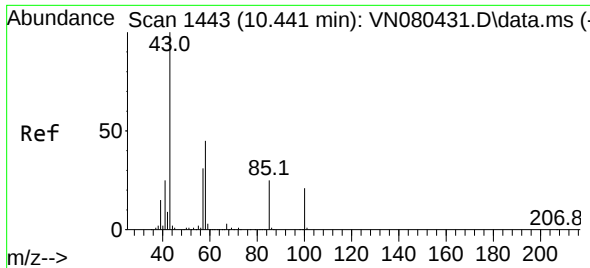
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#50
Toluene-d8
Concen: 54.729 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Tgt Ion: 98 Resp: 584671
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0





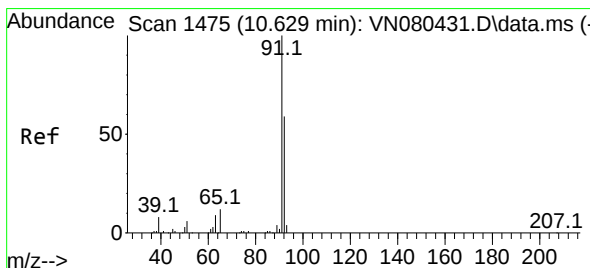
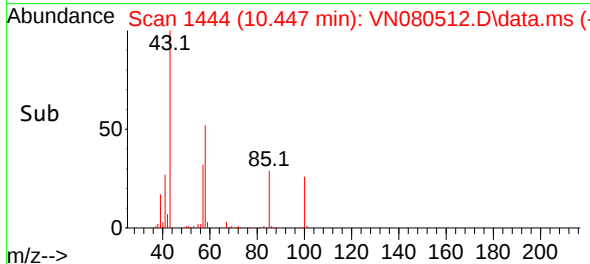
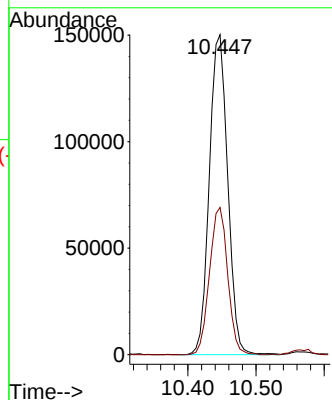
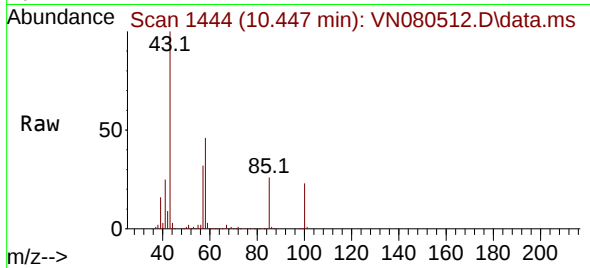
#51
4-Methyl-2-Pentanone
Concen: 96.980 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 43 Resp: 28165
Ion Ratio Lower Upper
43 100
58 45.5 36.6 54.8

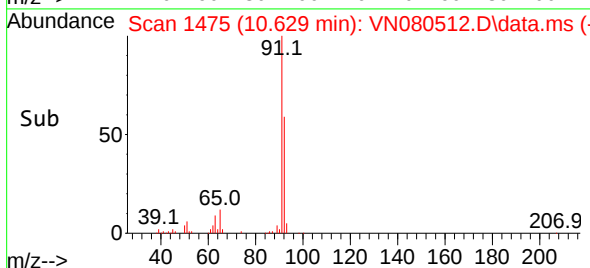
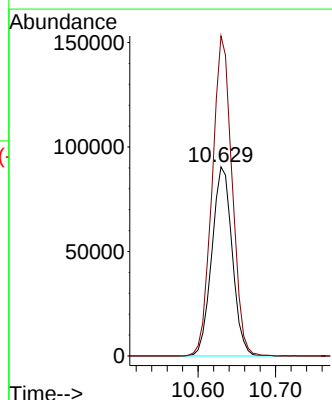
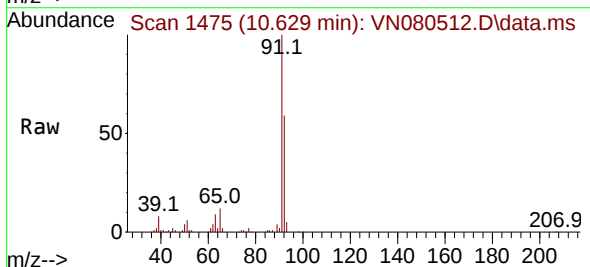
Manual Integrations
APPROVED

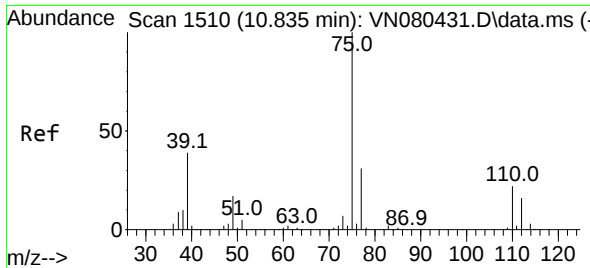
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#52
Toluene
Concen: 19.351 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

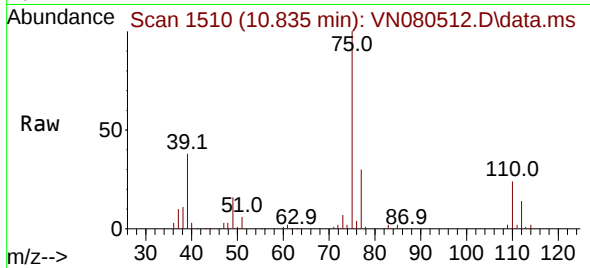
Tgt Ion: 92 Resp: 165333
Ion Ratio Lower Upper
92 100
91 165.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.596 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

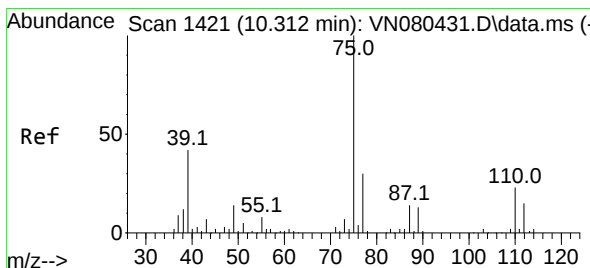
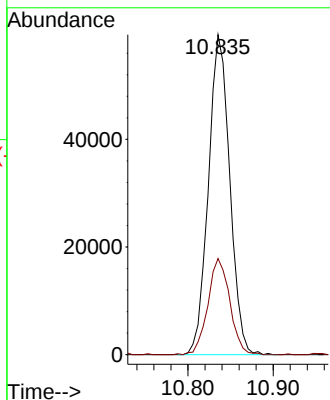
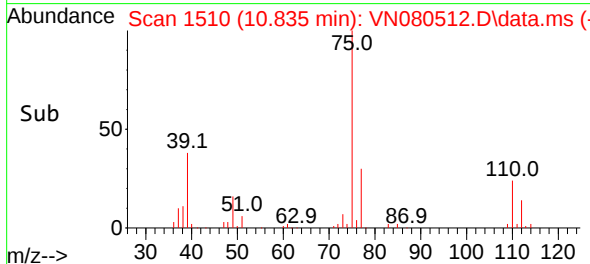
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



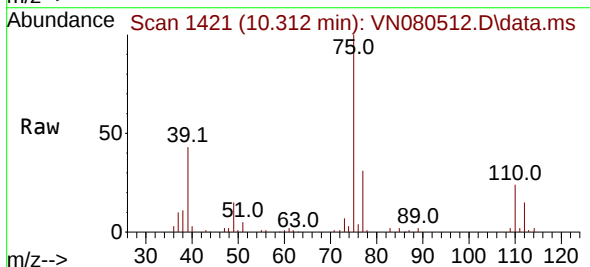
Tgt Ion: 75 Resp: 103650
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0

Manual Integrations
APPROVED

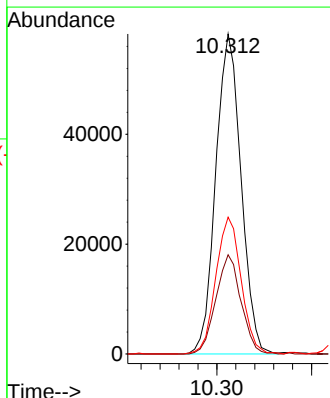
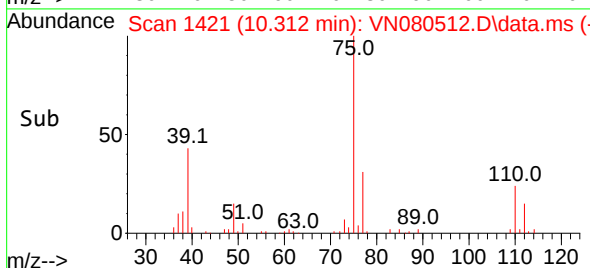
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

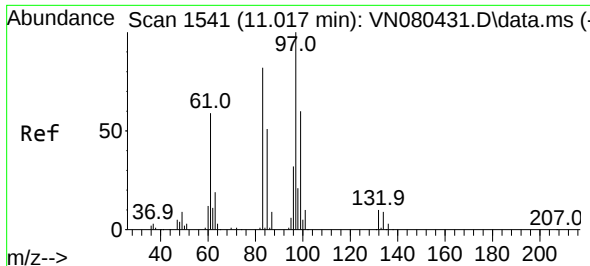


#54
cis-1,3-Dichloropropene
Concen: 19.117 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45



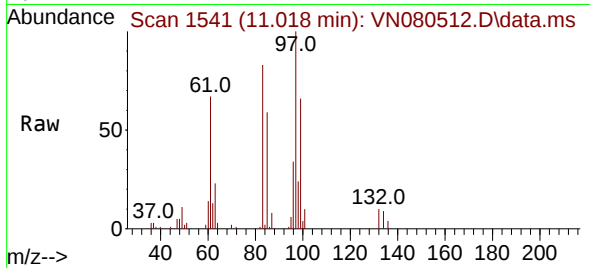
Tgt Ion: 75 Resp: 108086
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
39 42.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.690 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

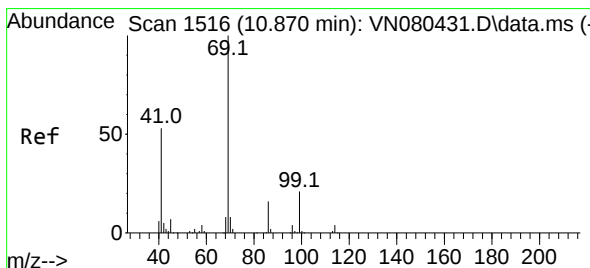
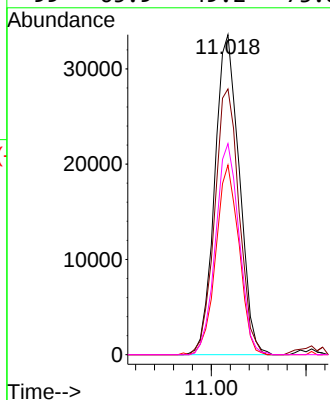
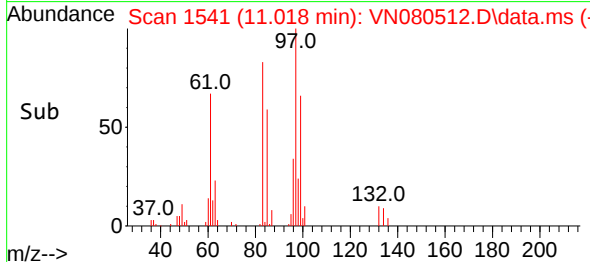
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.0	65.1	97.7
85	59.3	43.4	65.2
99	65.9	49.2	73.8

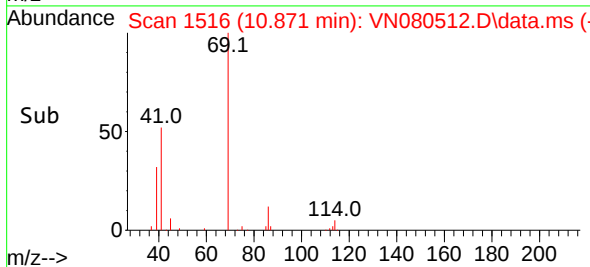
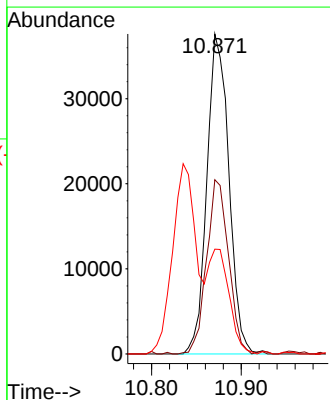
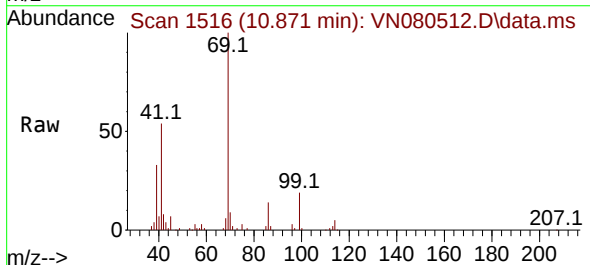
Manual Integrations
APPROVED

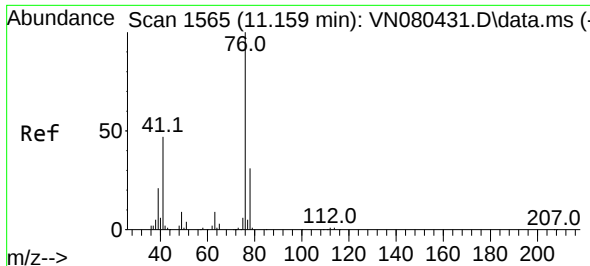
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#56
Ethyl methacrylate
Concen: 18.830 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.5	39.6	59.4
39	30.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.360 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080512.D

Acq: 19 Dec 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion: 76 Resp: 104330

Ion Ratio Lower Upper

76 100

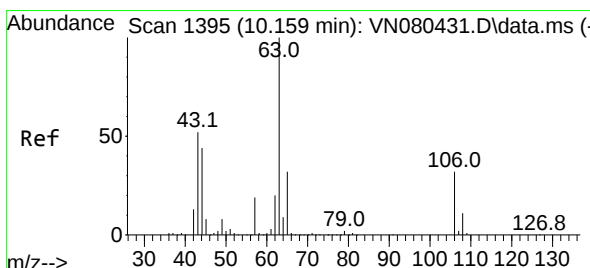
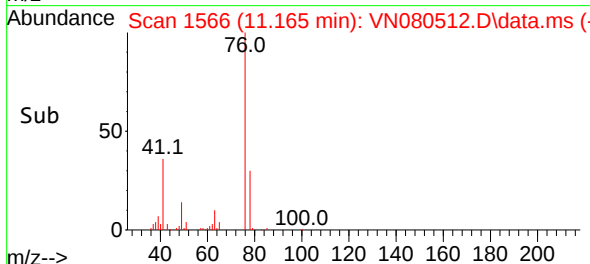
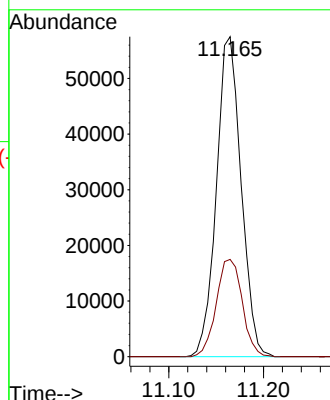
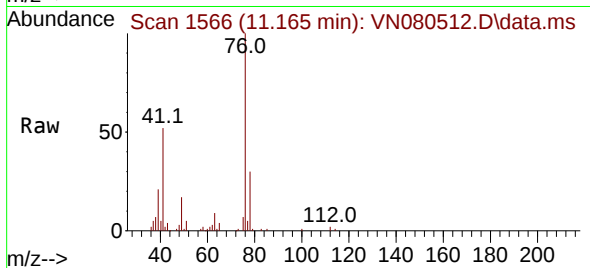
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 95.285 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080512.D

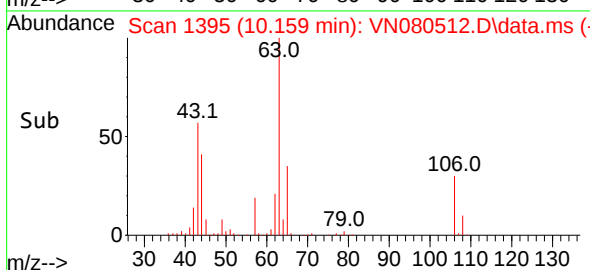
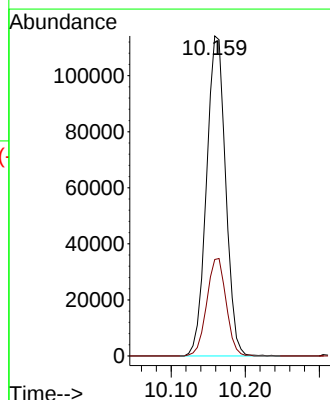
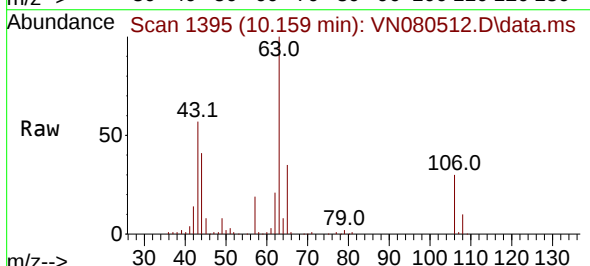
Acq: 19 Dec 2023 11:45

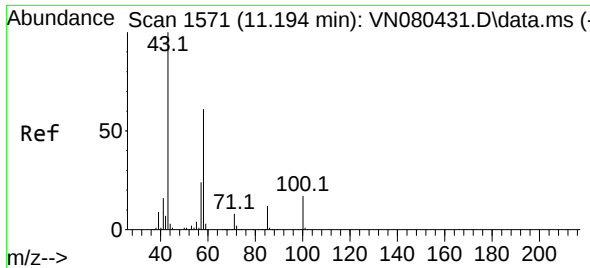
Tgt Ion: 63 Resp: 204742

Ion Ratio Lower Upper

63 100

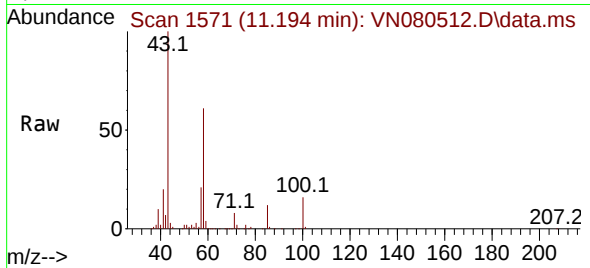
106 30.8 26.2 39.4





#59
2-Hexanone
Concen: 99.829 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

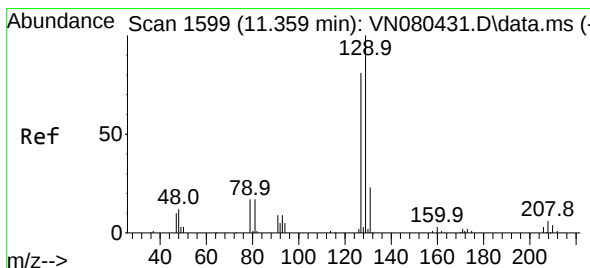
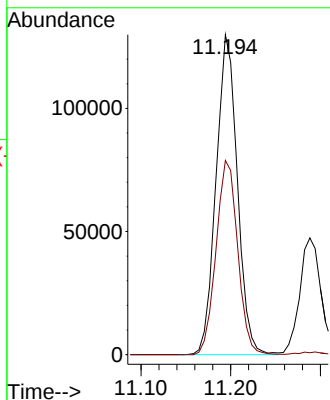
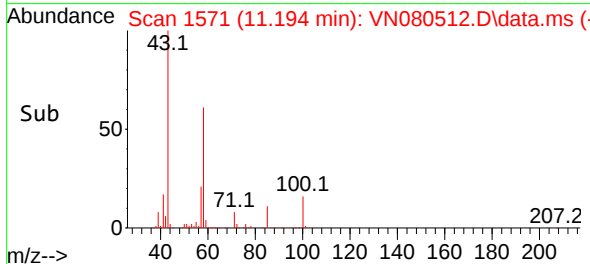
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 43 Resp: 21404
Ion Ratio Lower Upper
43 100
58 61.7 31.7 95.1

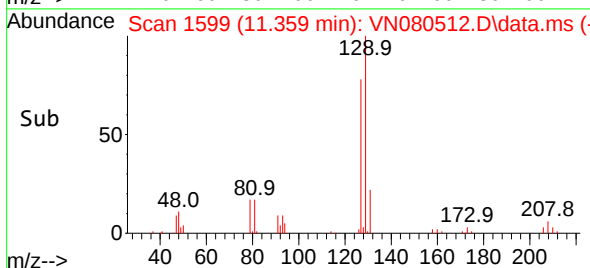
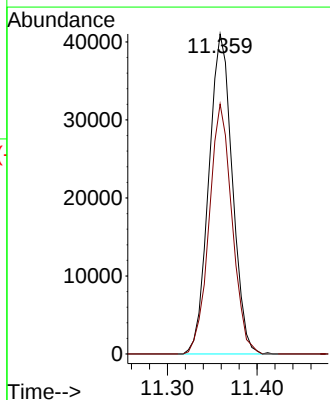
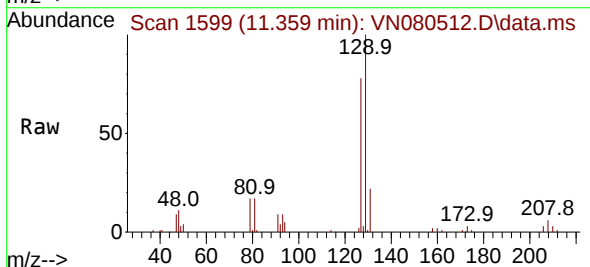
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#60
Dibromochloromethane
Concen: 20.507 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Tgt Ion:129 Resp: 74707
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0





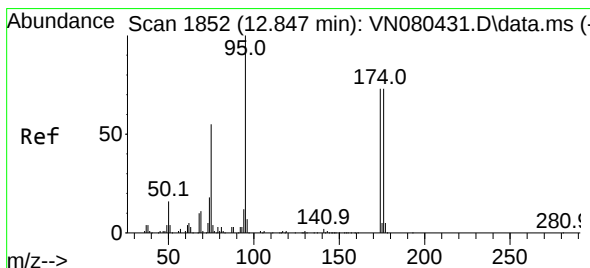
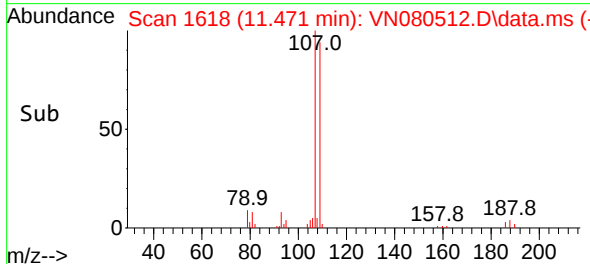
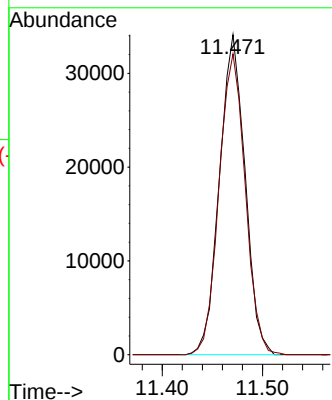
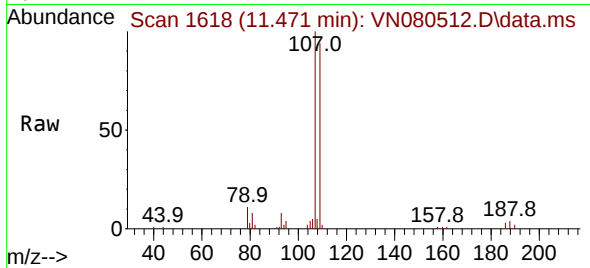
#61
1,2-Dibromoethane
Concen: 18.952 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:107 Resp: 60302
Ion Ratio Lower Upper
107 100
109 96.4 76.6 114.8

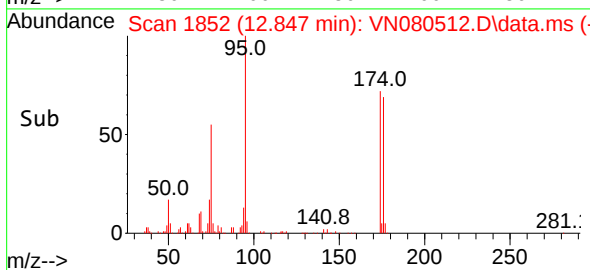
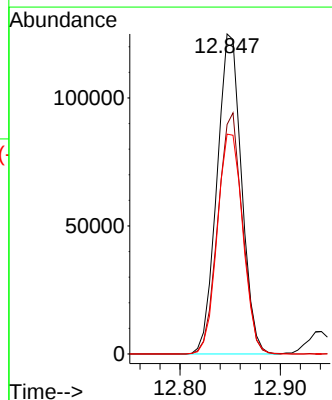
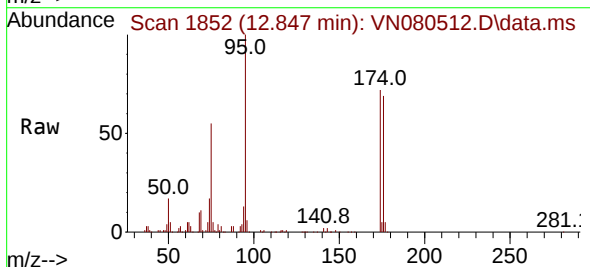
Manual Integrations
APPROVED

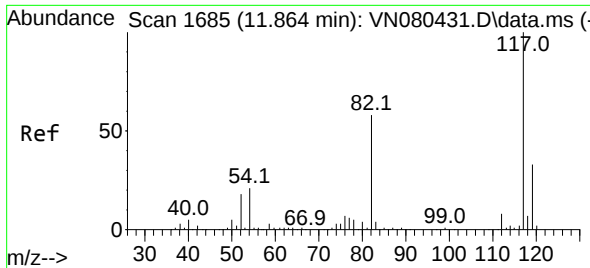
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#62
4-Bromofluorobenzene
Concen: 52.396 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

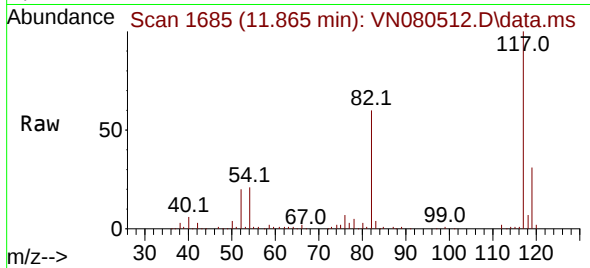
Tgt Ion: 95 Resp: 212549
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 71.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

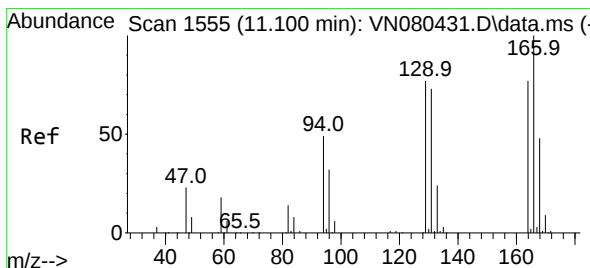
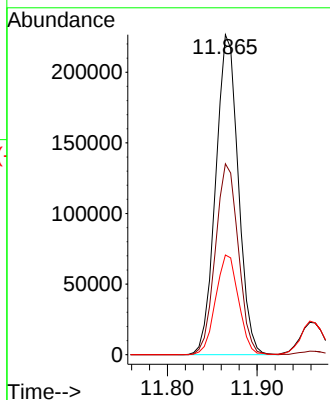
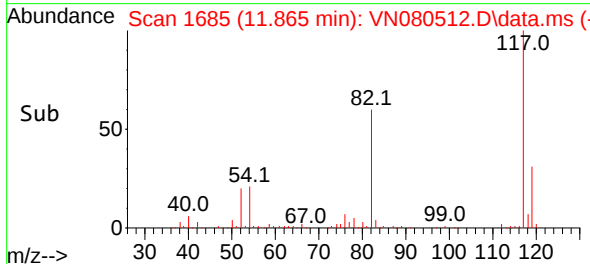
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



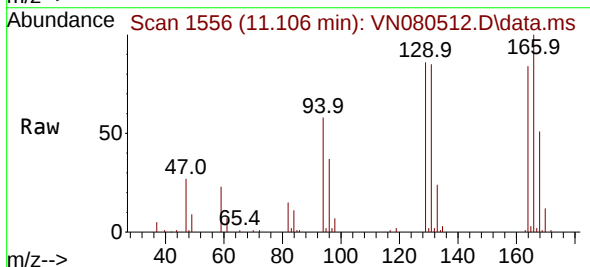
Tgt Ion:117 Resp: 395774
Ion Ratio Lower Upper
117 100
82 59.7 44.0 66.0
119 31.1 25.6 38.4

Manual Integrations
APPROVED

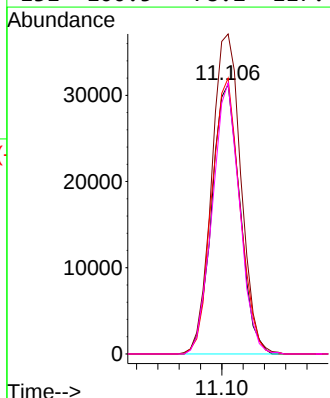
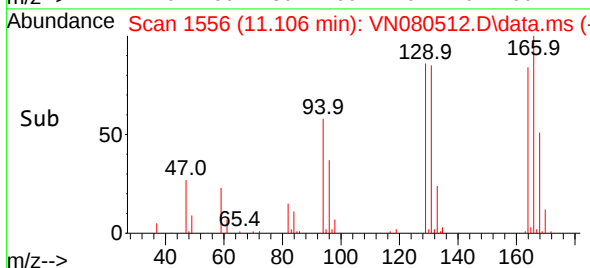
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

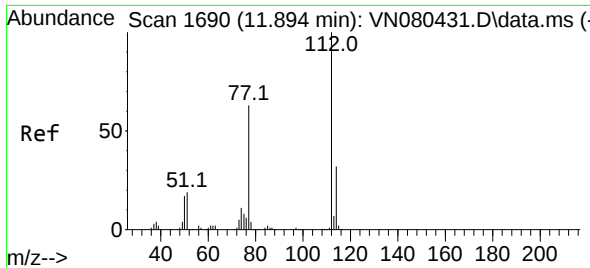


#64
Tetrachloroethene
Concen: 18.666 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45



Tgt Ion:164 Resp: 57038
Ion Ratio Lower Upper
164 100
166 118.7 101.4 152.0
129 102.3 82.4 123.6
131 100.5 78.2 117.4





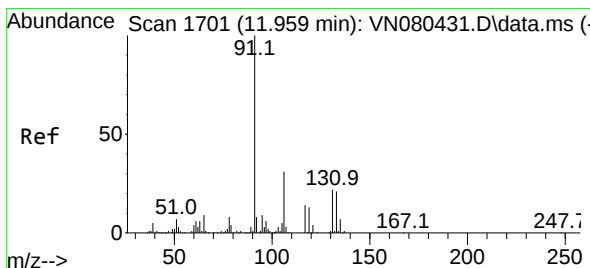
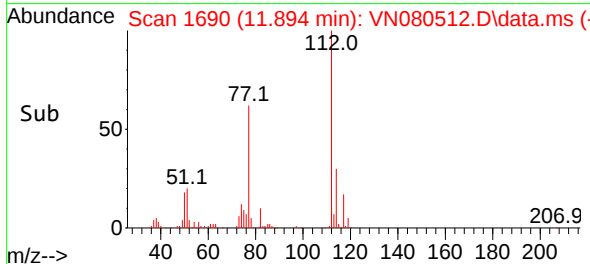
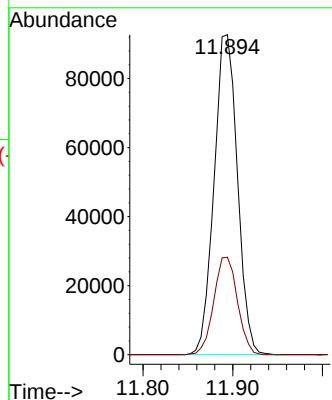
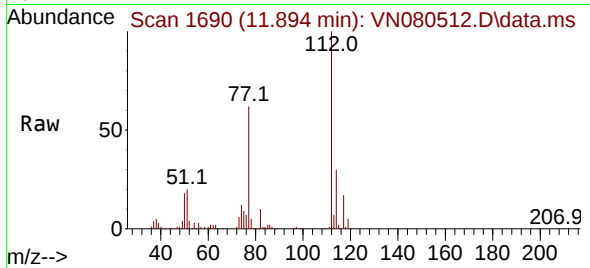
#65
Chlorobenzene
Concen: 19.039 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:112 Resp: 16762
Ion Ratio Lower Upper
112 100
114 30.5 25.0 37.4

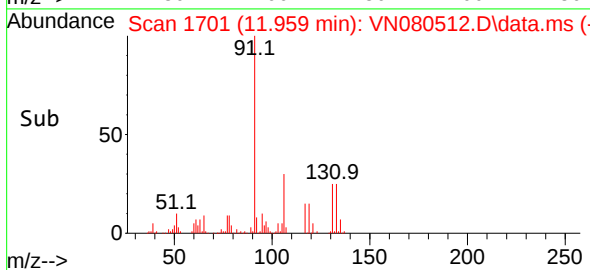
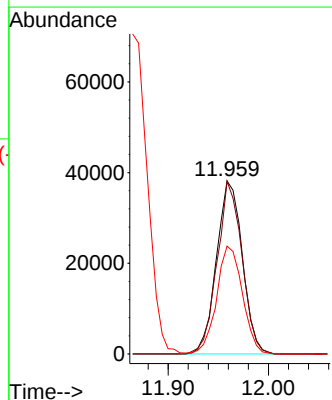
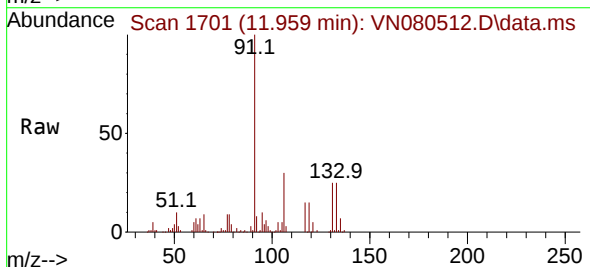
Manual Integrations
APPROVED

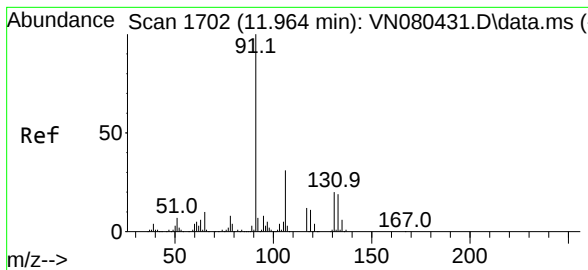
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.705 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Tgt Ion:131 Resp: 68072
Ion Ratio Lower Upper
131 100
133 96.1 46.4 139.1
119 62.3 34.1 102.2





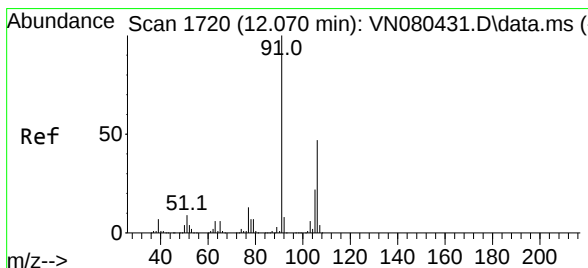
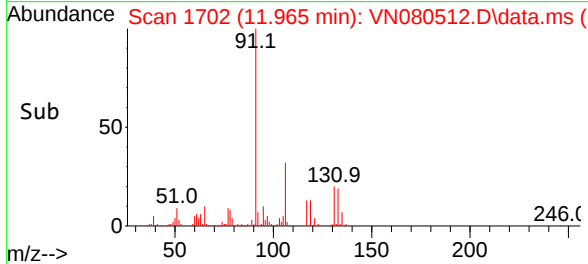
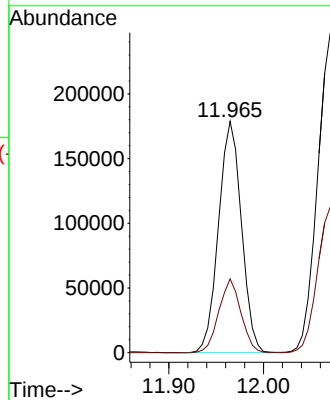
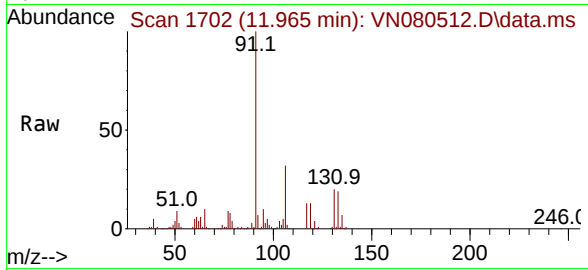
#67
Ethyl Benzene
Concen: 18.583 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 91 Resp: 300823
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4

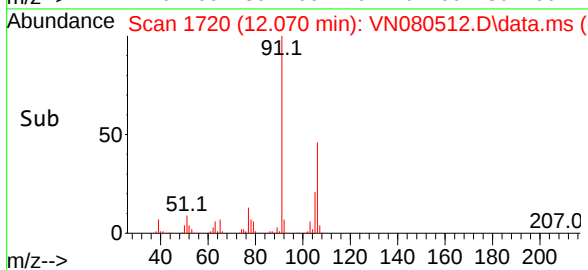
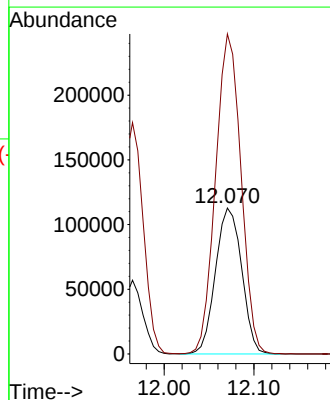
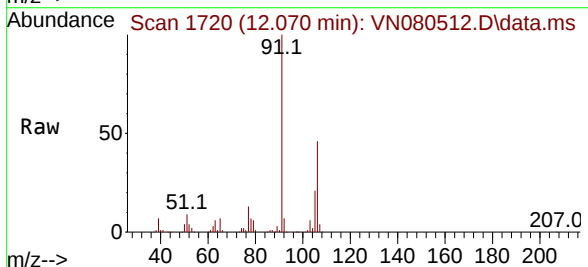
Manual Integrations
APPROVED

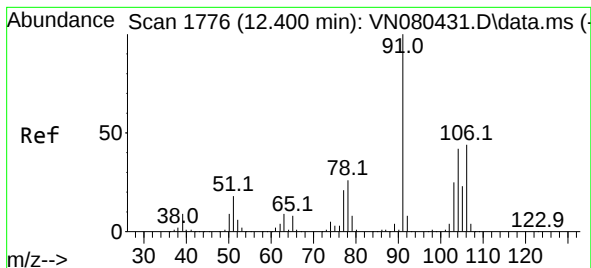
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#68
m/p-Xylenes
Concen: 38.227 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Tgt Ion:106 Resp: 228674
Ion Ratio Lower Upper
106 100
91 213.0 159.6 239.4





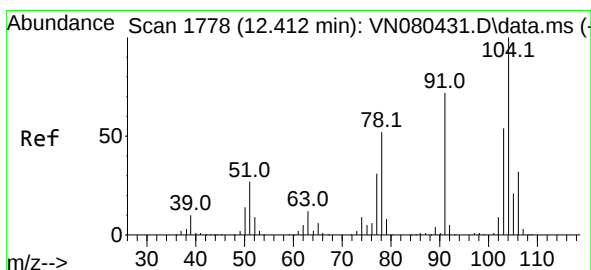
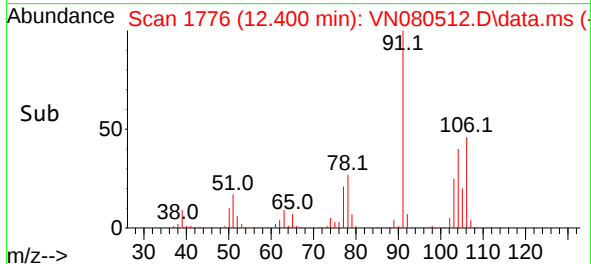
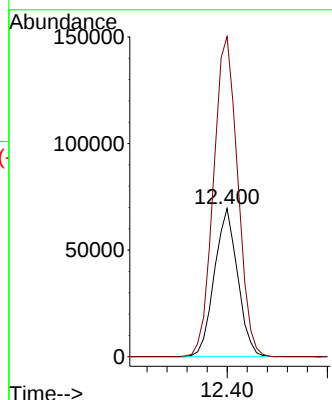
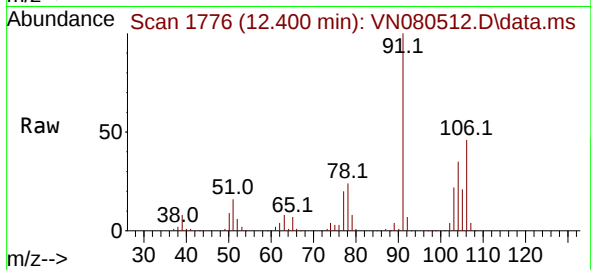
#69
o-Xylene
Concen: 19.092 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:106 Resp: 111709
Ion Ratio Lower Upper
106 100
91 224.9 105.2 315.5

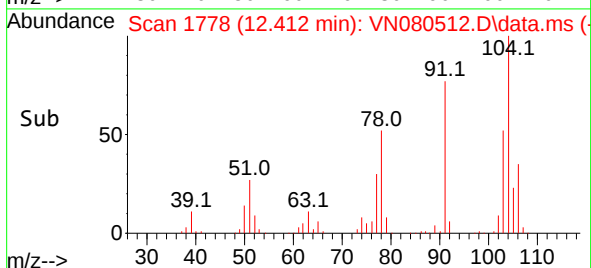
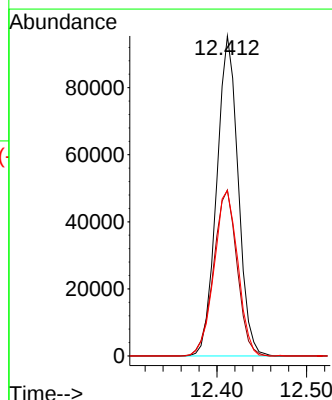
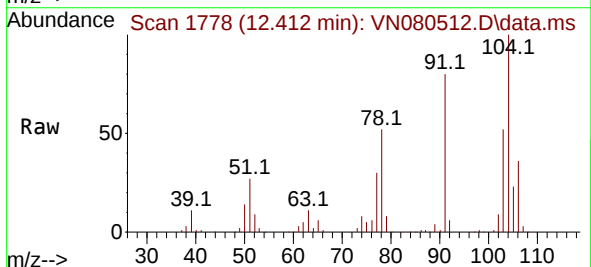
Manual Integrations
APPROVED

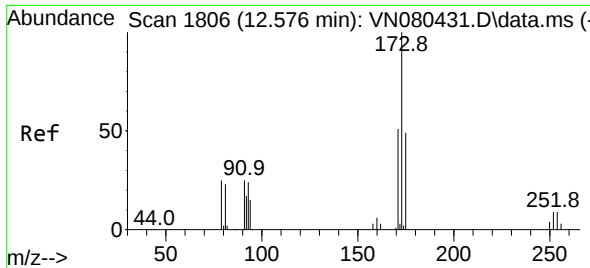
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#70
Styrene
Concen: 18.810 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

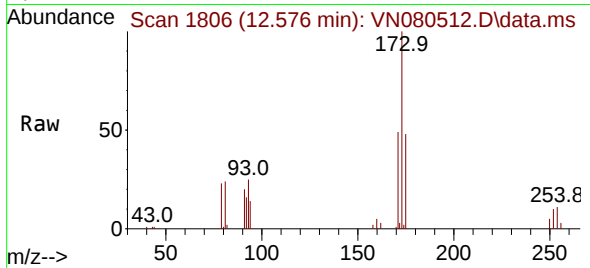
Tgt Ion:104 Resp: 158535
Ion Ratio Lower Upper
104 100
78 56.5 39.5 59.3
103 56.9 43.2 64.8





#71
Bromoform
Concen: 18.861 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

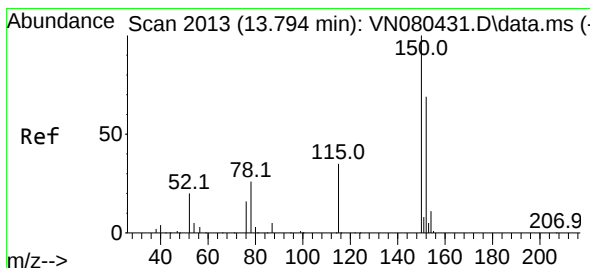
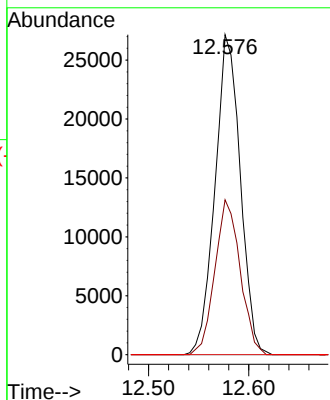
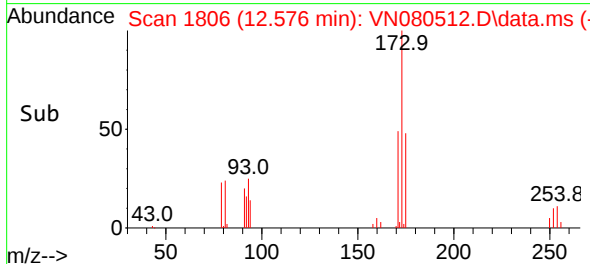
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



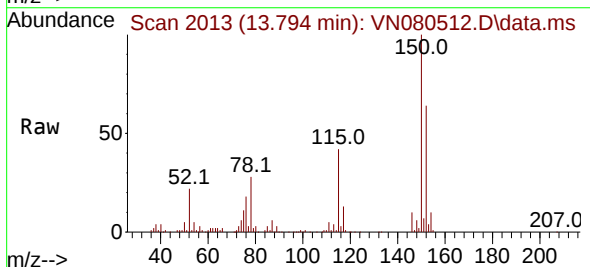
Tgt Ion:173 Resp: 47510
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

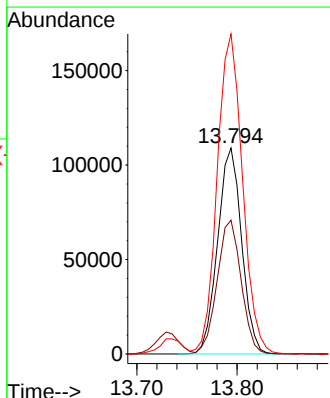
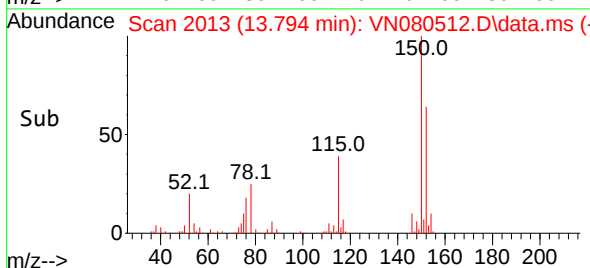
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

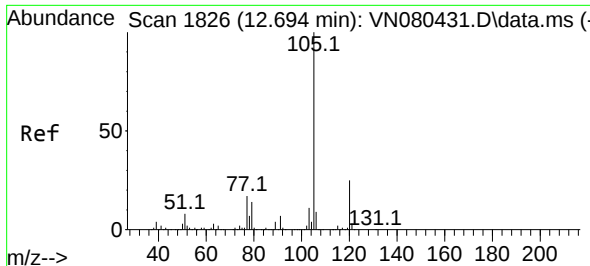


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45



Tgt Ion:152 Resp: 180970
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 164.3 0.0 355.8





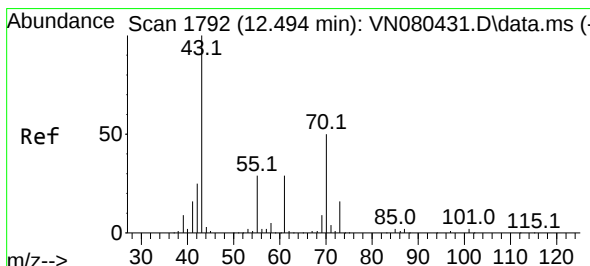
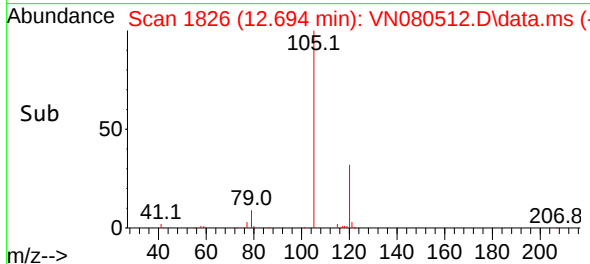
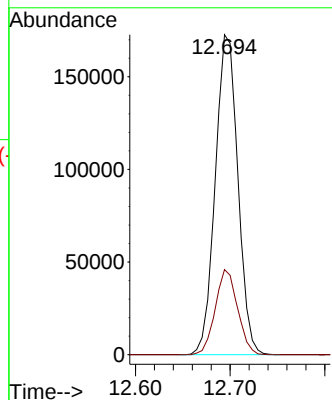
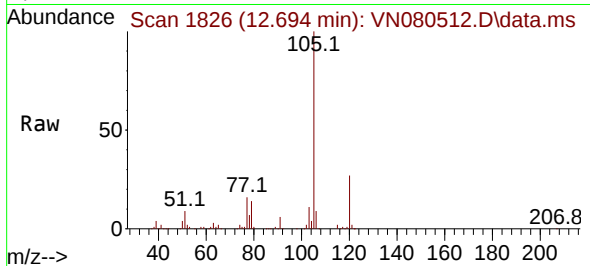
#73
Isopropylbenzene
Concen: 19.691 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:105 Resp: 286262
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

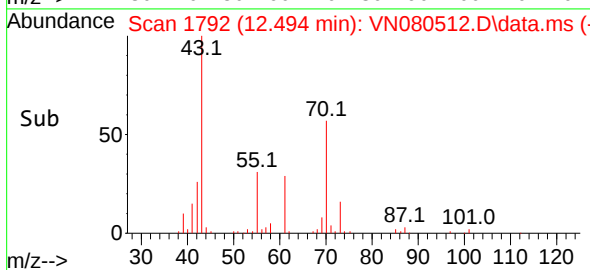
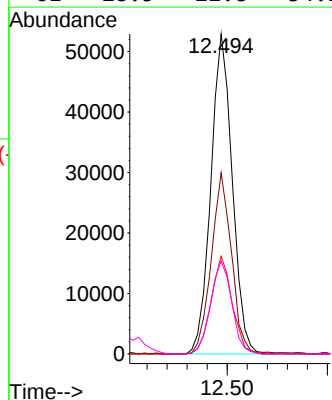
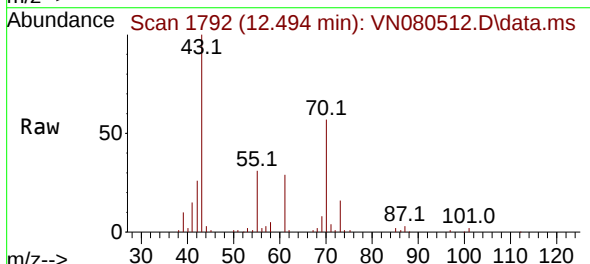
Manual Integrations
APPROVED

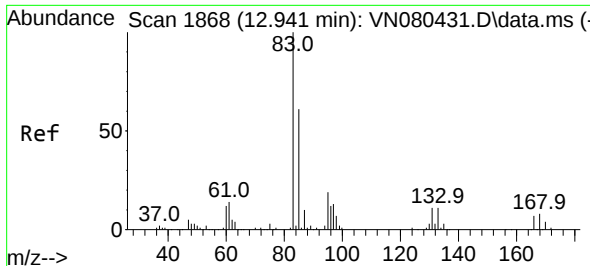
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#74
N-ethyl acetate
Concen: 18.533 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

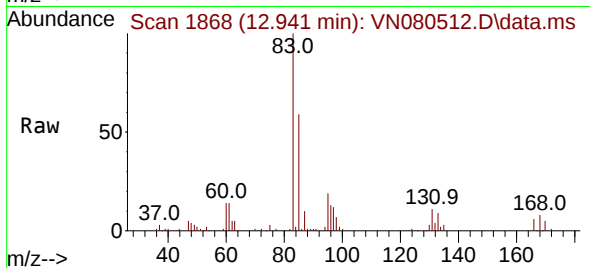
Tgt Ion: 43 Resp: 78679
Ion Ratio Lower Upper
43 100
70 53.1 43.4 65.2
55 30.1 21.4 32.0
61 28.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.714 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

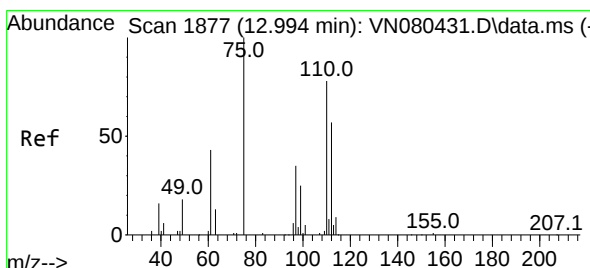
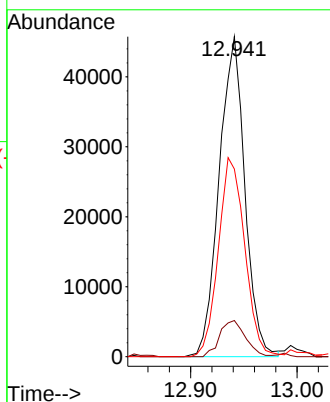
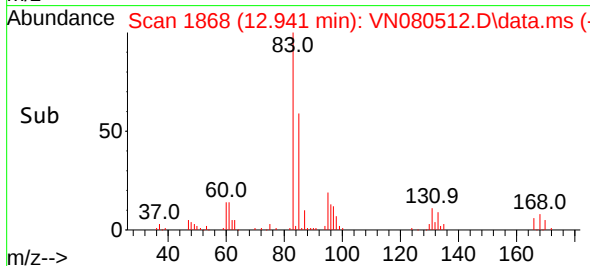
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



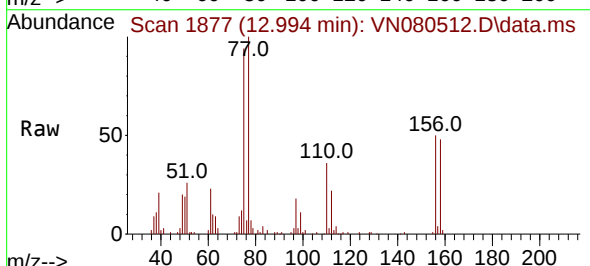
Tgt Ion: 83 Resp: 76798
Ion Ratio Lower Upper
83 100
131 11.4 5.0 15.0
85 63.9 31.9 95.7

Manual Integrations
APPROVED

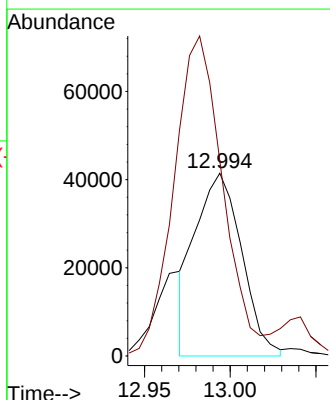
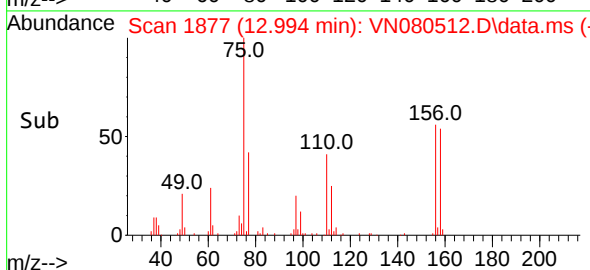
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

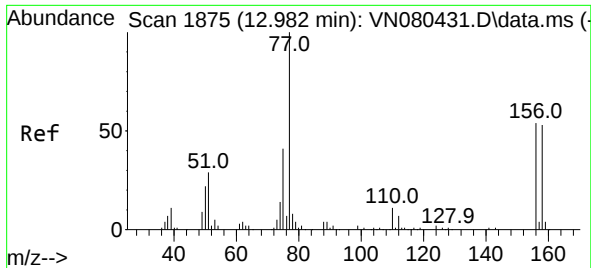


#76
1,2,3-Trichloropropane
Concen: 21.579 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45



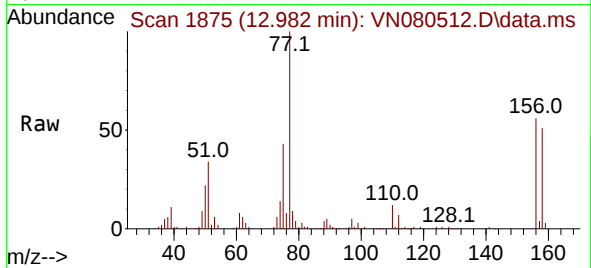
Tgt Ion: 75 Resp: 77908
Ion Ratio Lower Upper
75 100
77 184.1 84.5 253.5





#77
Bromobenzene
Concen: 19.354 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

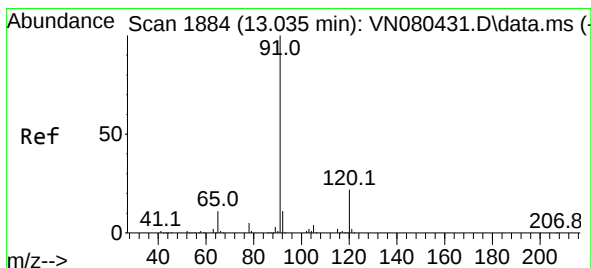
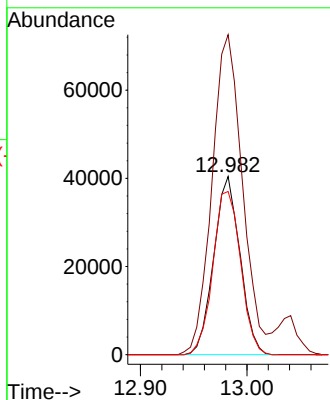
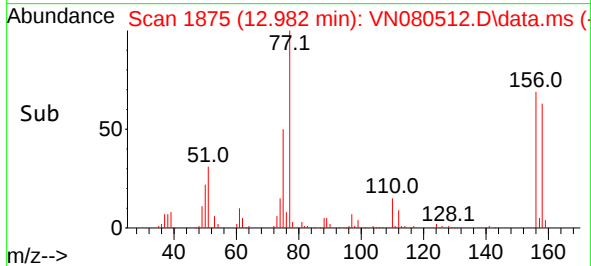
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



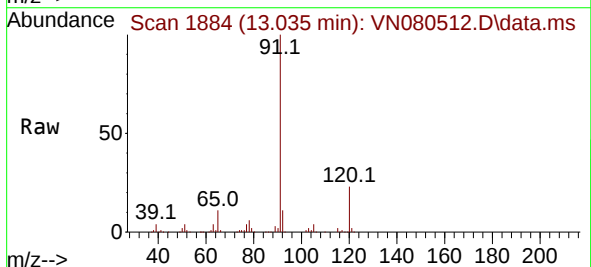
Tgt Ion:156 Resp: 6921
Ion Ratio Lower Upper
156 100
77 207.2 107.7 323.3
158 96.4 48.4 145.3

Manual Integrations
APPROVED

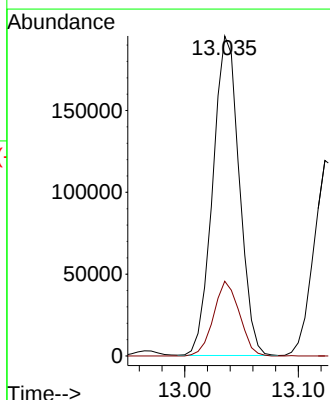
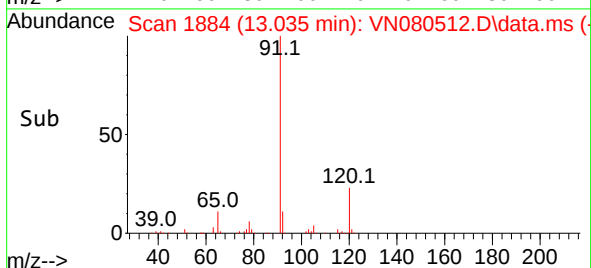
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

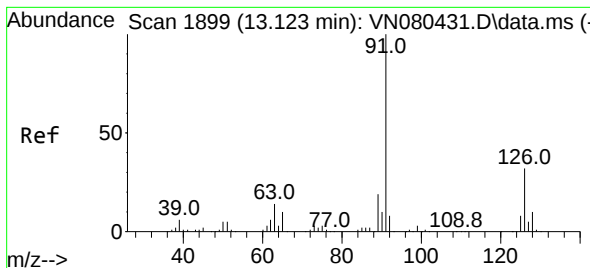


#78
n-propylbenzene
Concen: 19.737 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45



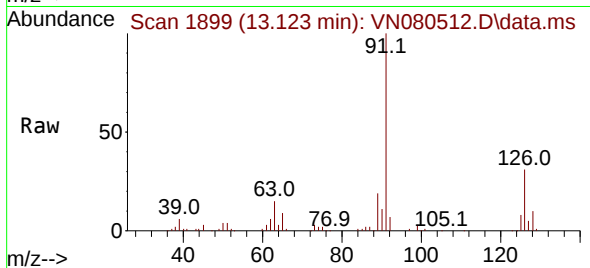
Tgt Ion: 91 Resp: 316356
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.612 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

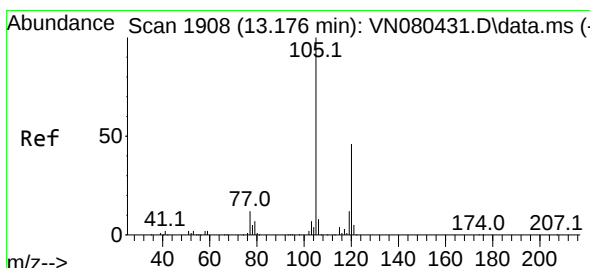
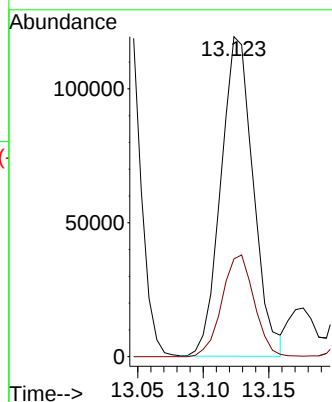
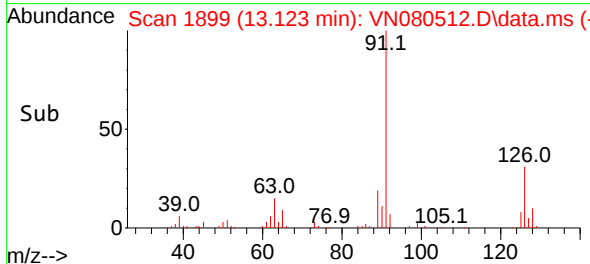
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



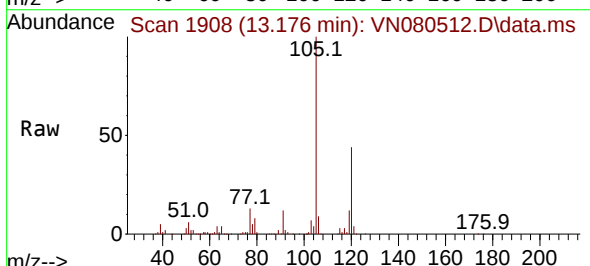
Tgt Ion: 91 Resp: 205235
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8

Manual Integrations
APPROVED

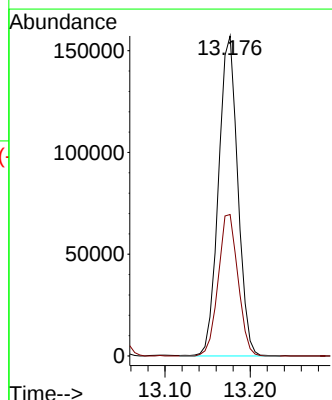
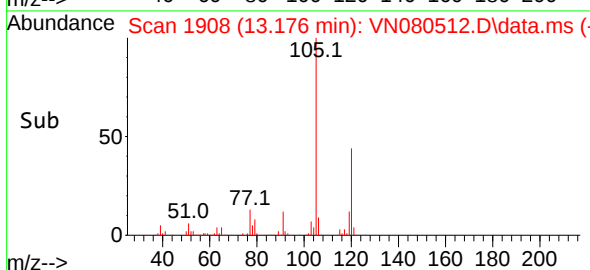
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

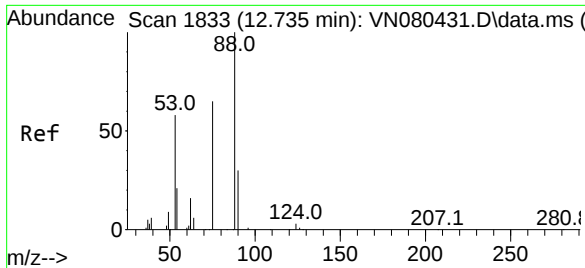


#80
1,3,5-Trimethylbenzene
Concen: 19.686 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45



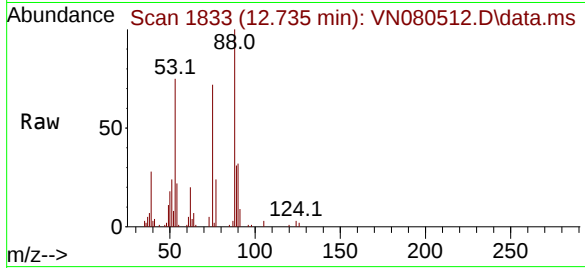
Tgt Ion:105 Resp: 246485
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.466 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

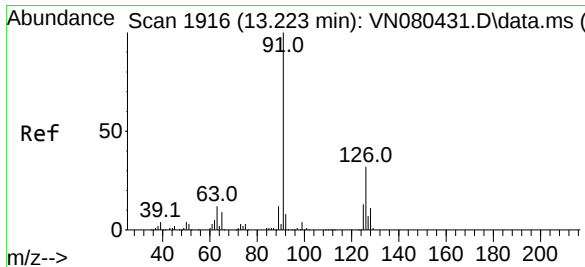
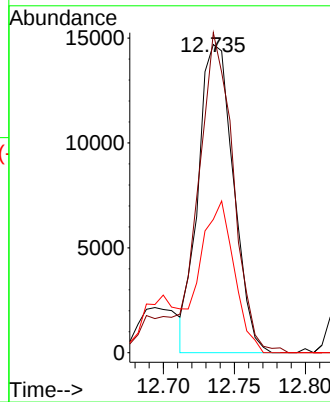
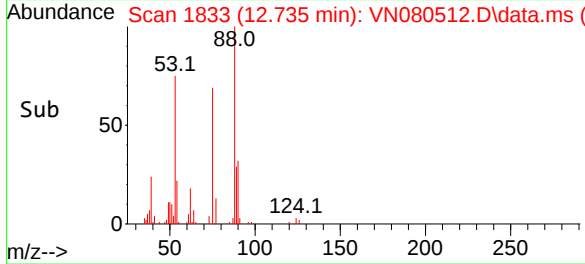
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 75 Resp: 2539
Ion Ratio Lower Upper
75 100
53 113.8 67.4 101.2
89 45.0 38.8 58.2

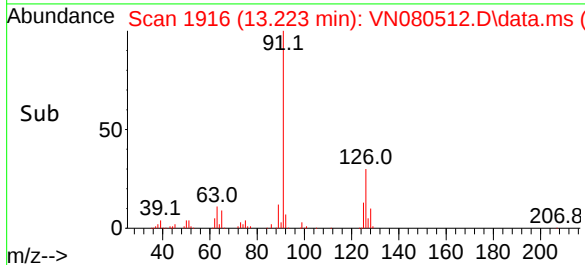
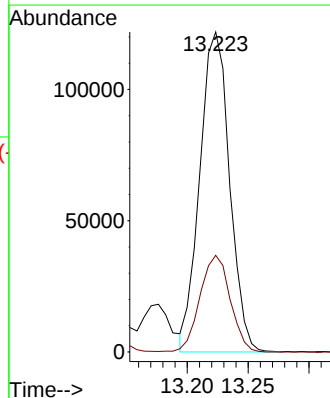
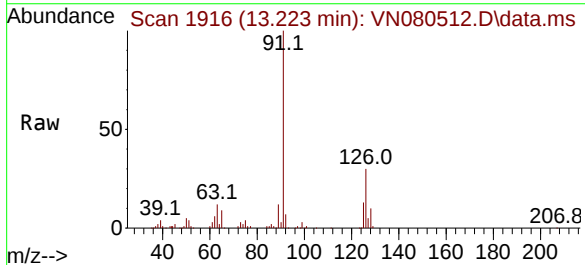
Manual Integrations
APPROVED

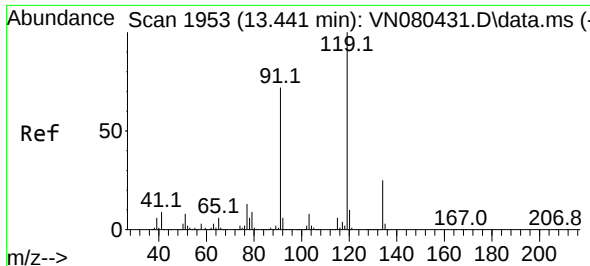
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#82
4-Chlorotoluene
Concen: 19.306 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Tgt Ion: 91 Resp: 207655
Ion Ratio Lower Upper
91 100
126 30.6 16.7 50.0





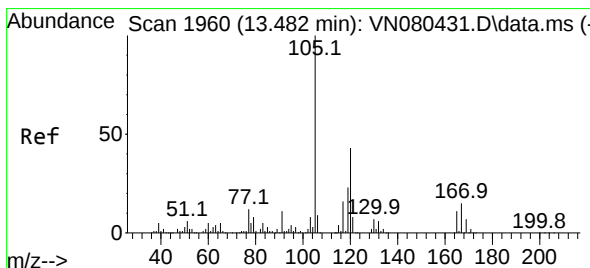
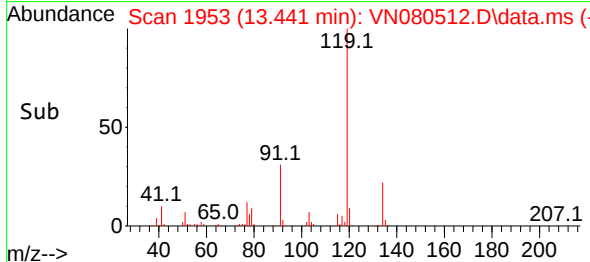
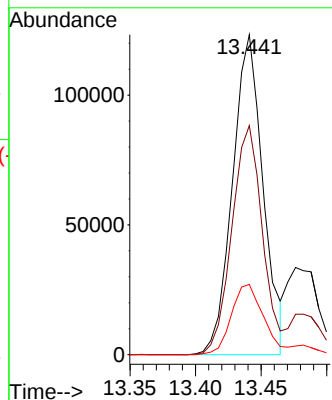
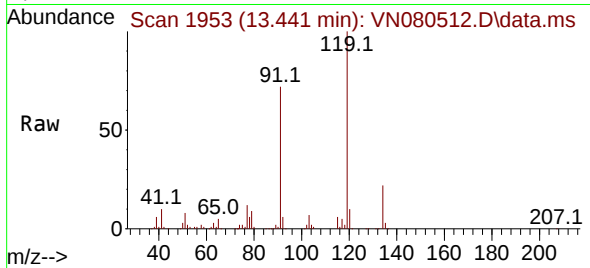
#83
 tert-Butylbenzene
 Concen: 19.495 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN080512.D
 Acq: 19 Dec 2023 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBS01

Tgt Ion:119 Resp: 199904
 Ion Ratio Lower Upper
 119 100
 91 71.5 33.9 101.7
 134 23.3 13.2 39.6

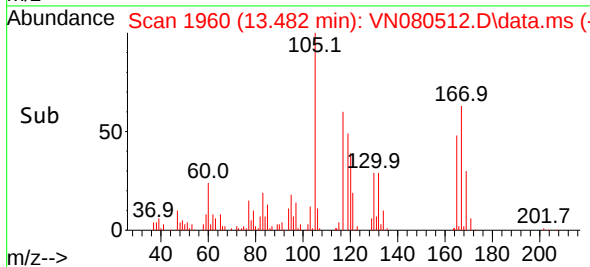
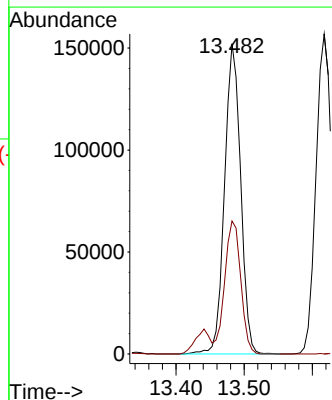
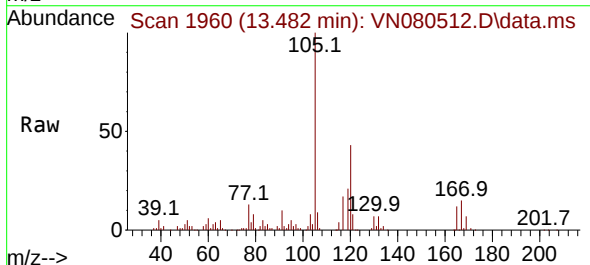
Manual Integrations
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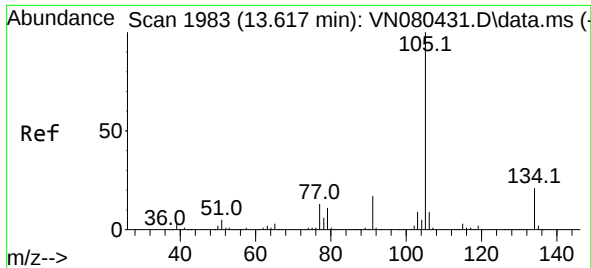
Reviewed By :John Carlone 12/20/2023
 Supervised By :Mahesh Dadoda 12/20/2023



#84
 1,2,4-Trimethylbenzene
 Concen: 20.055 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080512.D
 Acq: 19 Dec 2023 11:45

Tgt Ion:105 Resp: 249809
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.0 66.0





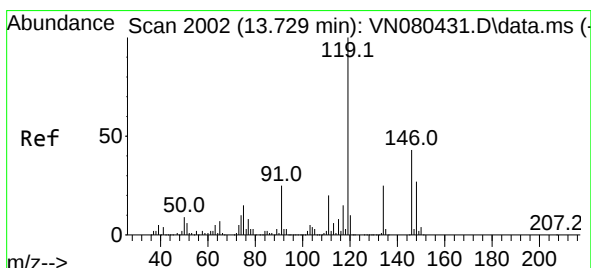
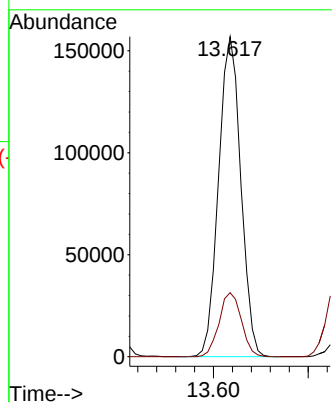
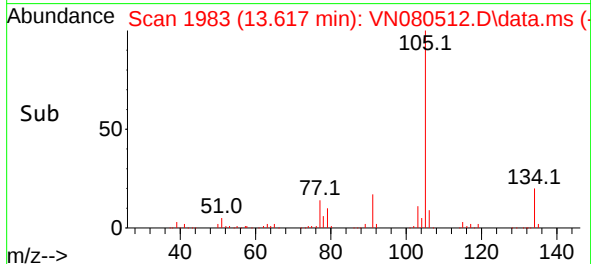
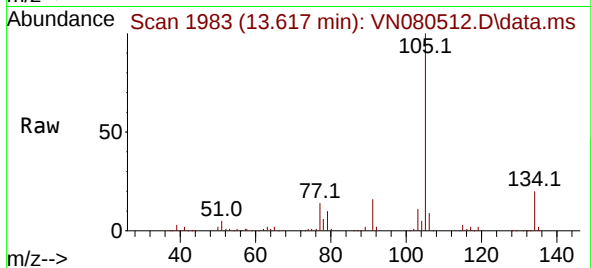
#85
 sec-Butylbenzene
 Concen: 19.503 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080512.D
 Acq: 19 Dec 2023 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBS01

Tgt Ion:105 Resp: 255819
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

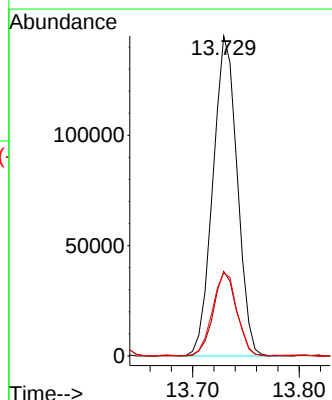
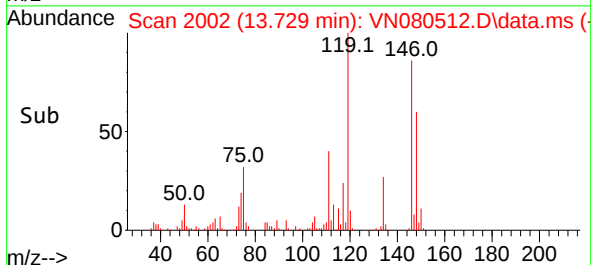
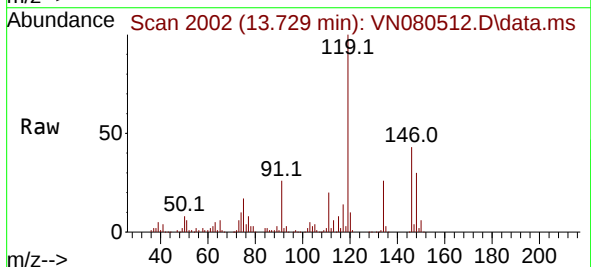
Manual Integrations
 APPROVED

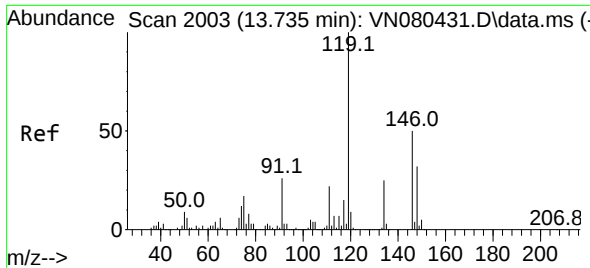
Reviewed By :John Carlone 12/20/2023
 Supervised By :Mahesh Dadoda 12/20/2023



#86
 p-Isopropyltoluene
 Concen: 19.384 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080512.D
 Acq: 19 Dec 2023 11:45

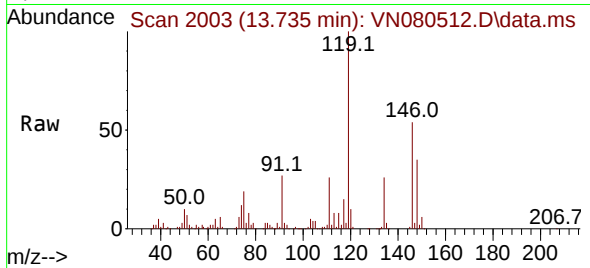
Tgt Ion:119 Resp: 229579
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 26.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.551 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

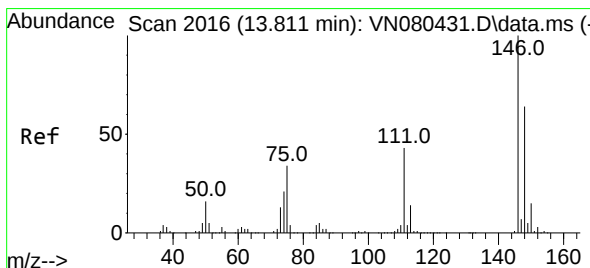
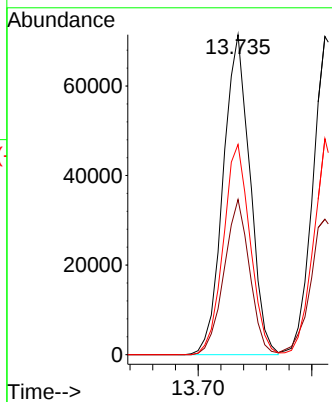
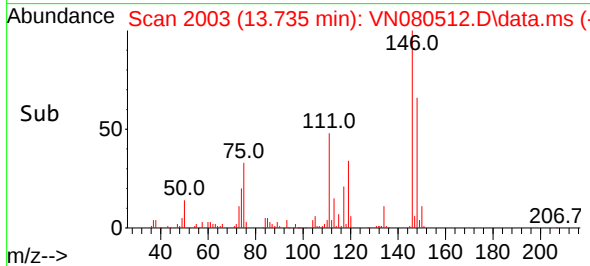
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



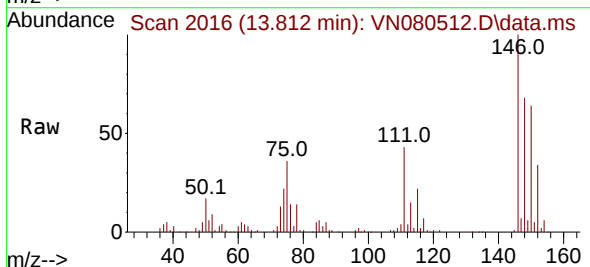
Tgt Ion:146 Resp: 116890
Ion Ratio Lower Upper
146 100
111 46.3 22.1 66.3
148 65.7 32.0 96.0

Manual Integrations
APPROVED

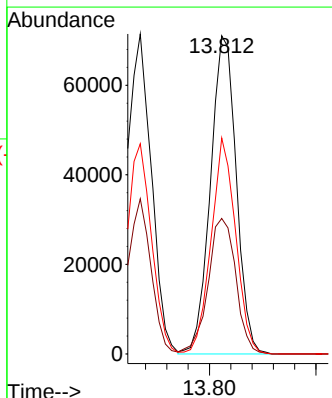
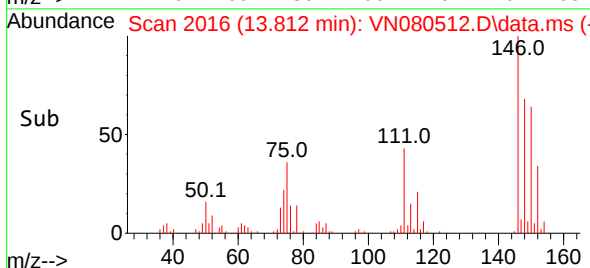
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

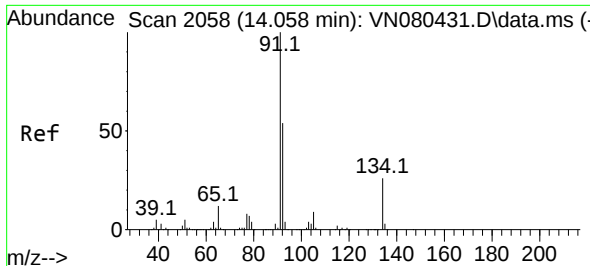


#88
1,4-Dichlorobenzene
Concen: 18.802 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45



Tgt Ion:146 Resp: 119589
Ion Ratio Lower Upper
146 100
111 45.8 20.6 61.8
148 64.6 31.6 94.8





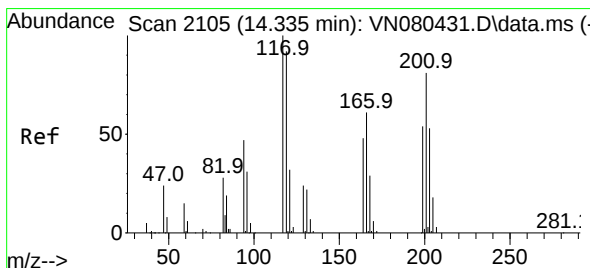
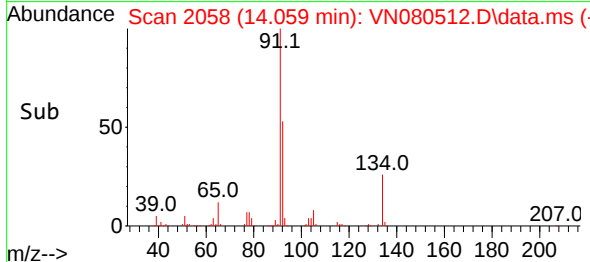
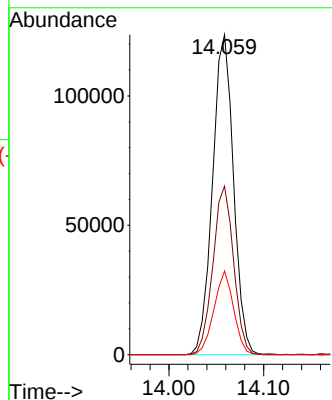
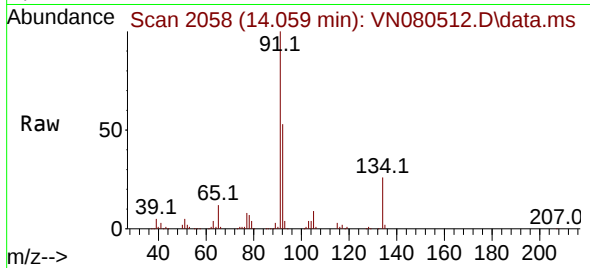
#89
n-Butylbenzene
Concen: 19.217 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 91 Resp: 190073
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.0
134 24.6 12.6 37.6

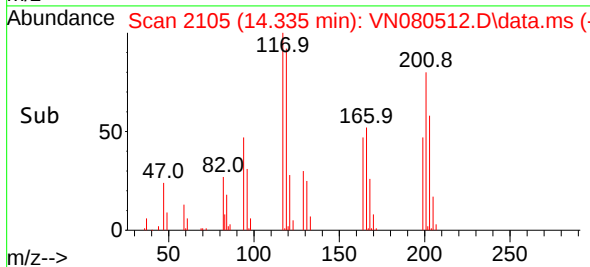
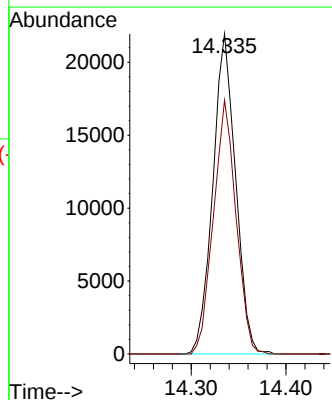
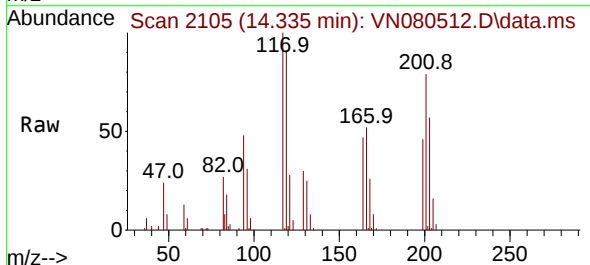
Manual Integrations
APPROVED

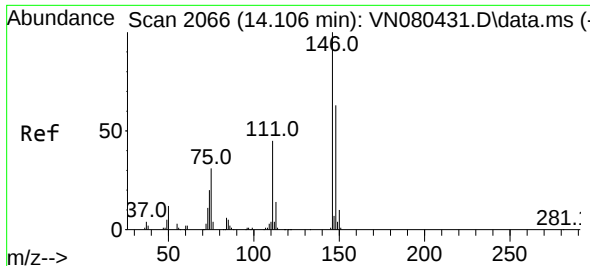
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#90
Hexachloroethane
Concen: 19.495 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

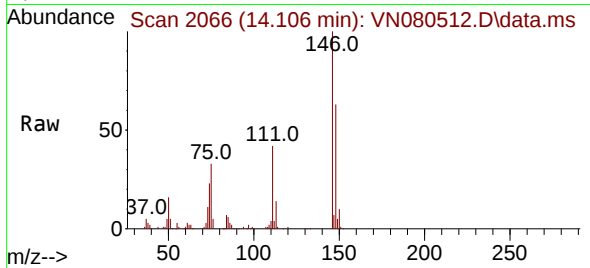
Tgt Ion:117 Resp: 36668
Ion Ratio Lower Upper
117 100
201 78.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 19.143 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

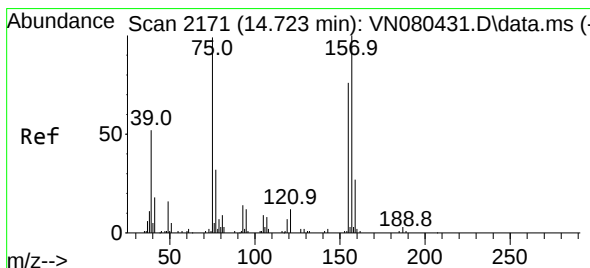
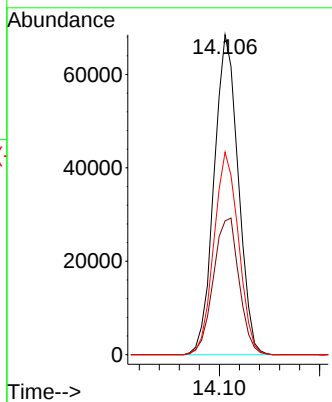
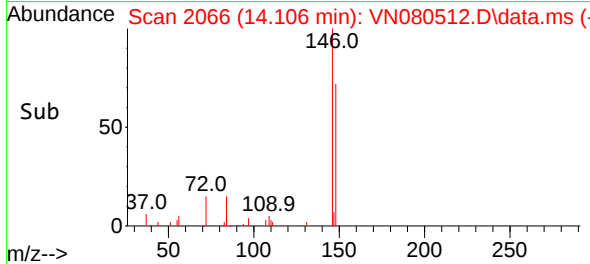
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion:146 Resp: 114539
Ion Ratio Lower Upper
146 100
111 45.6 22.0 66.0
148 64.5 31.8 95.3

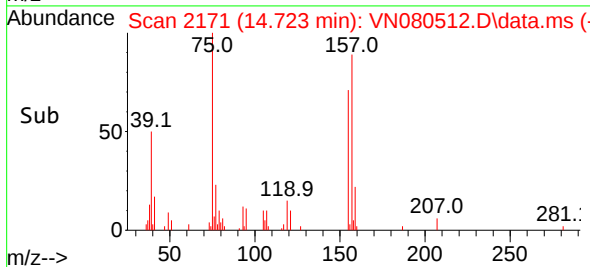
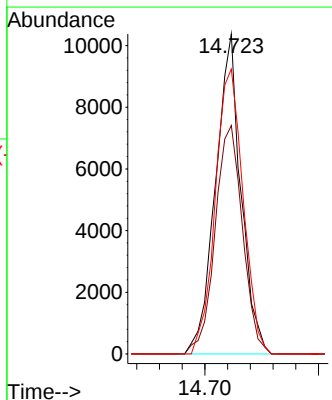
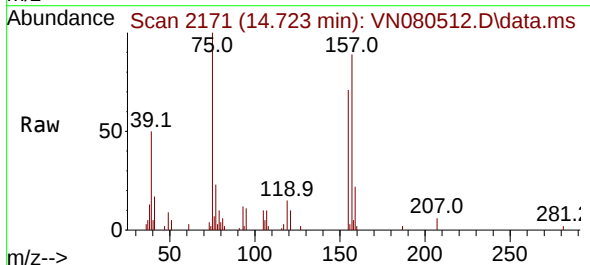
Manual Integrations
APPROVED

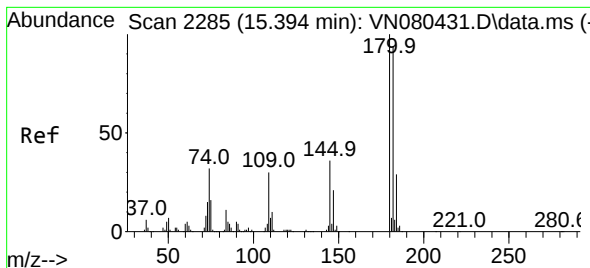
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.683 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Tgt Ion: 75 Resp: 16128
Ion Ratio Lower Upper
75 100
155 77.0 39.1 117.2
157 97.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 19.735 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN080512.D

Acq: 19 Dec 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

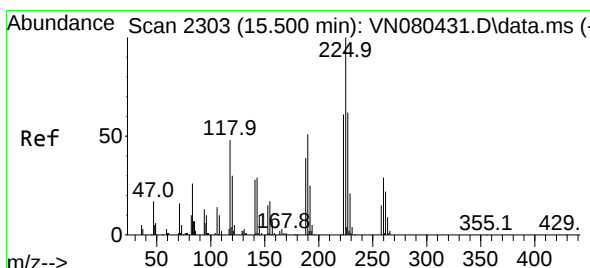
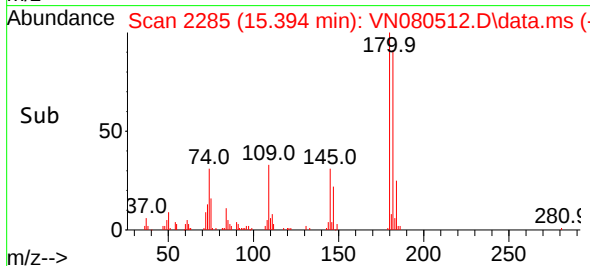
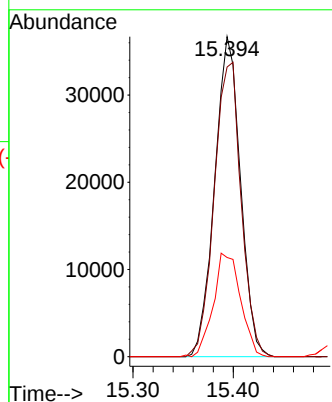
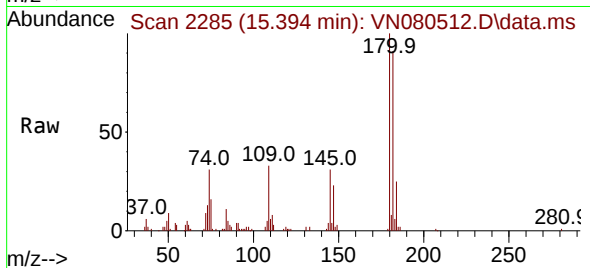
Tgt Ion:	180	Resp:	65560
Ion Ratio	Lower	Upper	
180	100		
182	96.0	46.1	138.2
145	34.1	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#94

Hexachlorobutadiene

Concen: 18.196 ug/l

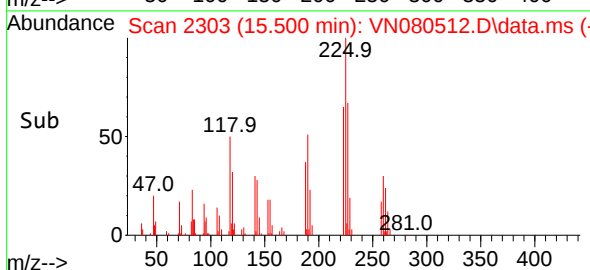
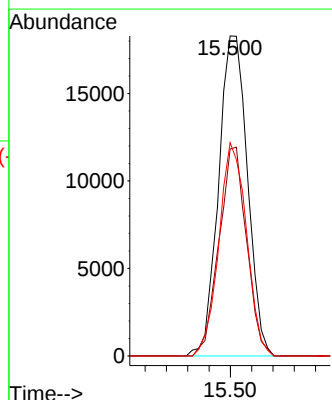
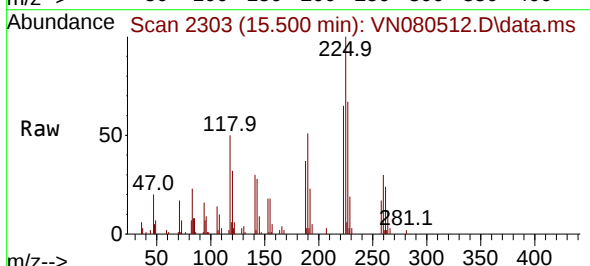
RT: 15.500 min Scan# 2303

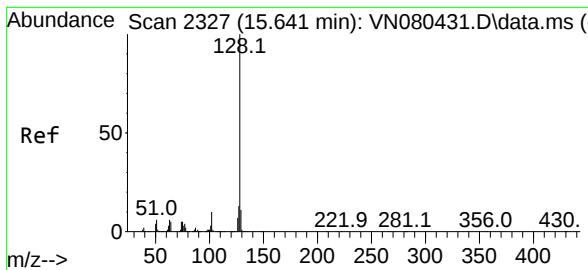
Delta R.T. 0.000 min

Lab File: VN080512.D

Acq: 19 Dec 2023 11:45

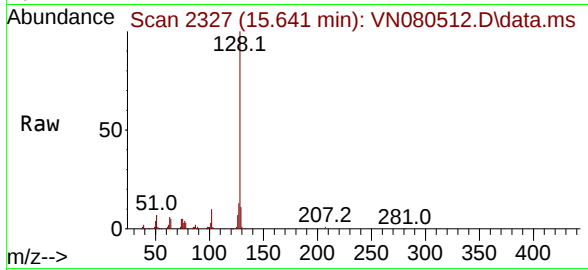
Tgt Ion:	225	Resp:	34413
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.3	93.8
227	63.7	31.9	95.9





#95
Naphthalene
Concen: 19.491 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

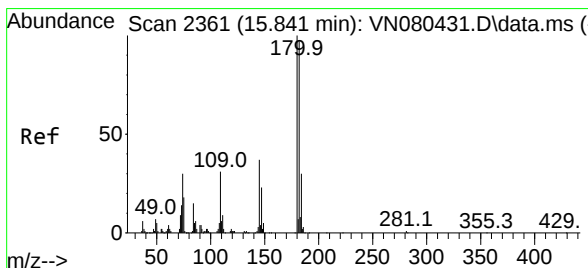
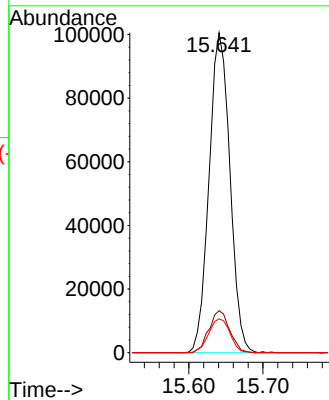
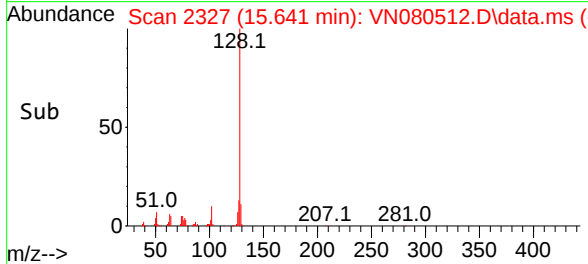
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion:128 Resp: 196618
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.247 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080512.D
Acq: 19 Dec 2023 11:45

Tgt Ion:180 Resp: 61702
Ion Ratio Lower Upper
180 100
182 95.5 46.2 138.6
145 37.6 17.5 52.6

